Basic equipment

From December 2009

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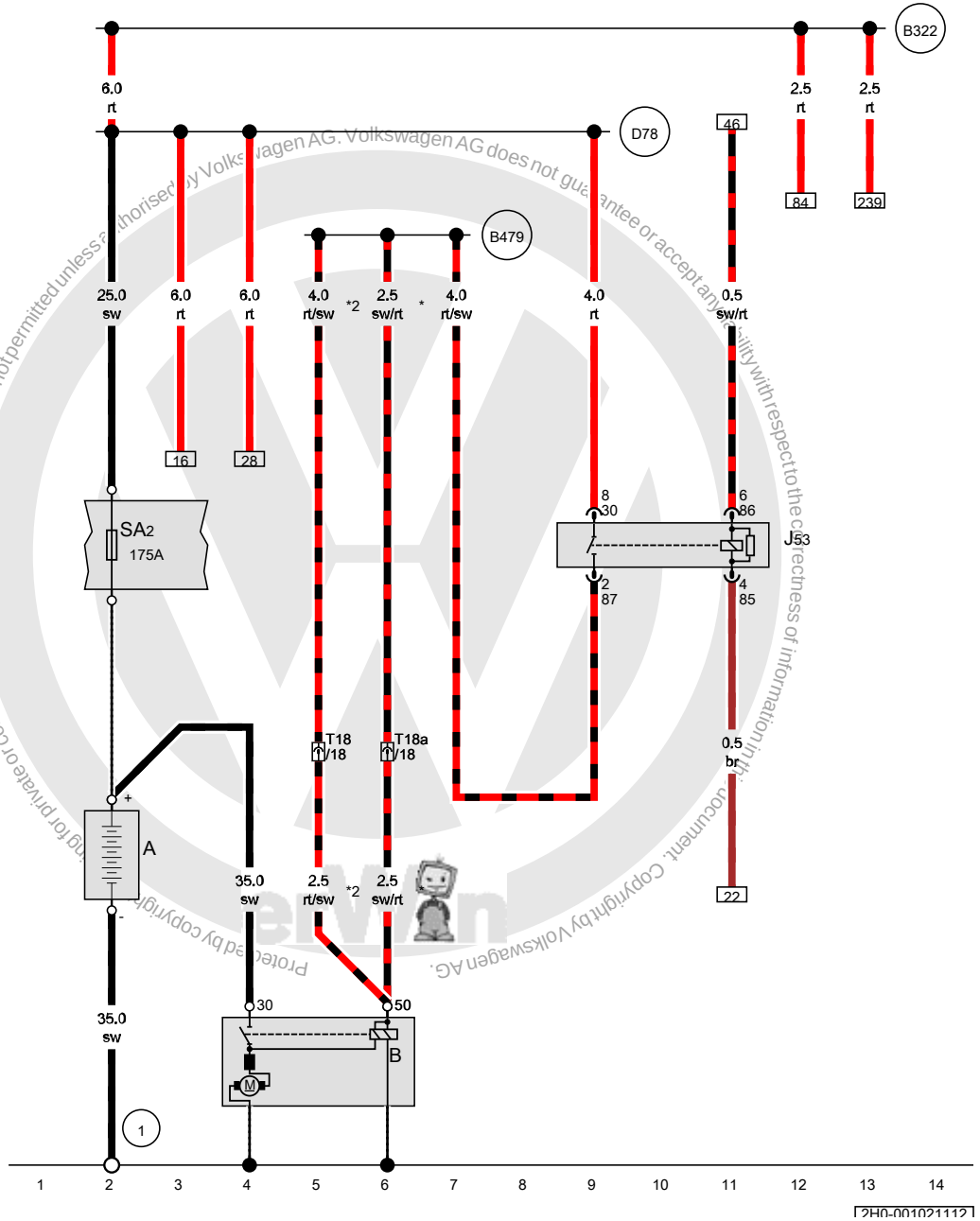
Battery, Starter, Starter motor relay, Fuse 2 in fuse holder A



A	Battery
B	Starter
J53	Starter motor relay
SA2	Fuse 2 in fuse holder A
T18	18-pin connector, near engine control unit
T18a	18-pin connector, near engine control unit
1	Earth strap, battery - body
B322	Positive connection 8 (30a) in main wiring harness
B479	Connection 15, in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
*	Only models with diesel engine
*2	Only models with petrol engine

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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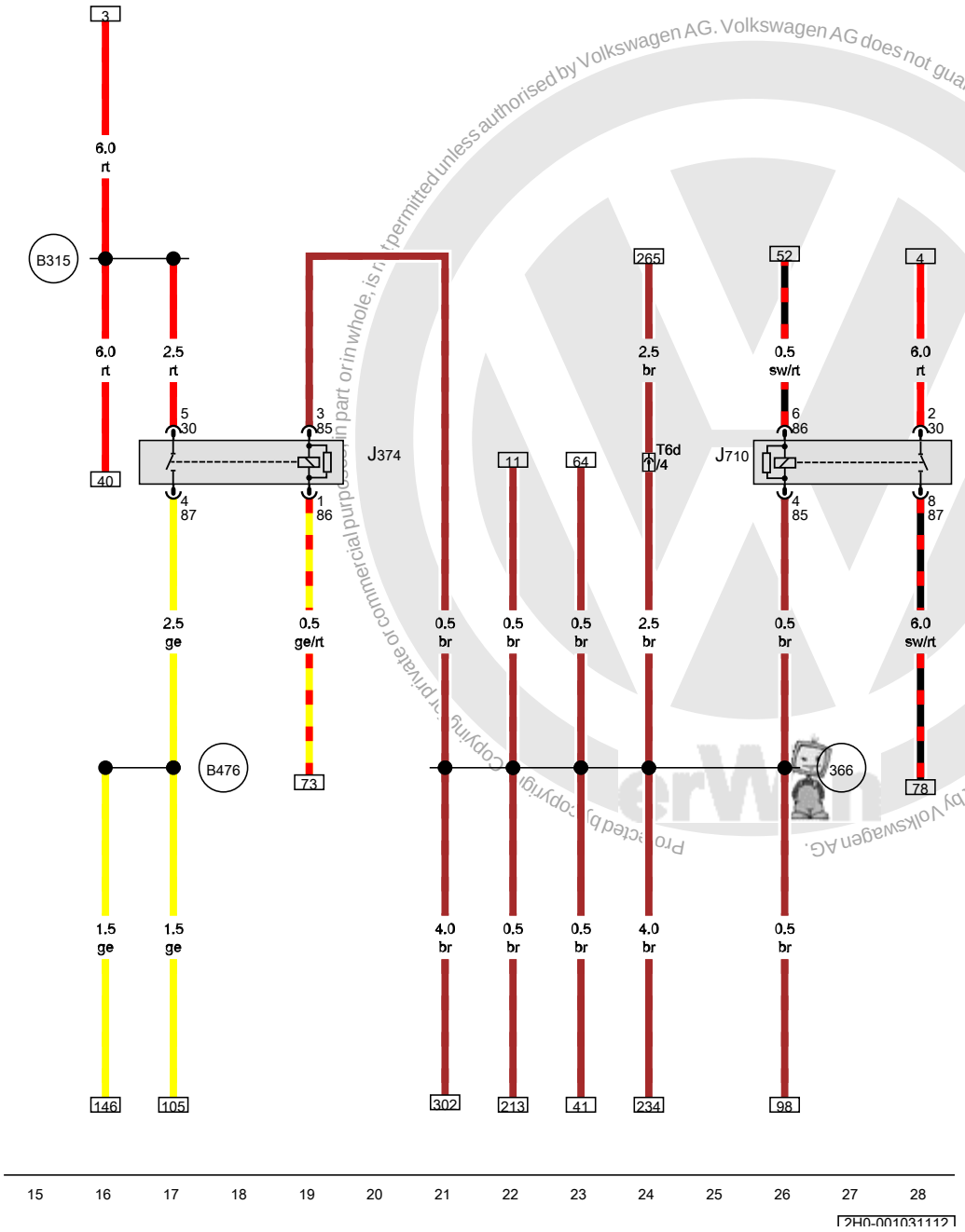

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Terminal 58b relief relay, Voltage supply relay 2

J374 Terminal 58b relief relay
J710 Voltage supply relay 2
T6d 6-pin connector

366 Earth connection 1, in main wiring harness

B315 Positive connection 1 (30a) in main wiring harness

B476 Connection 12, in main wiring harness

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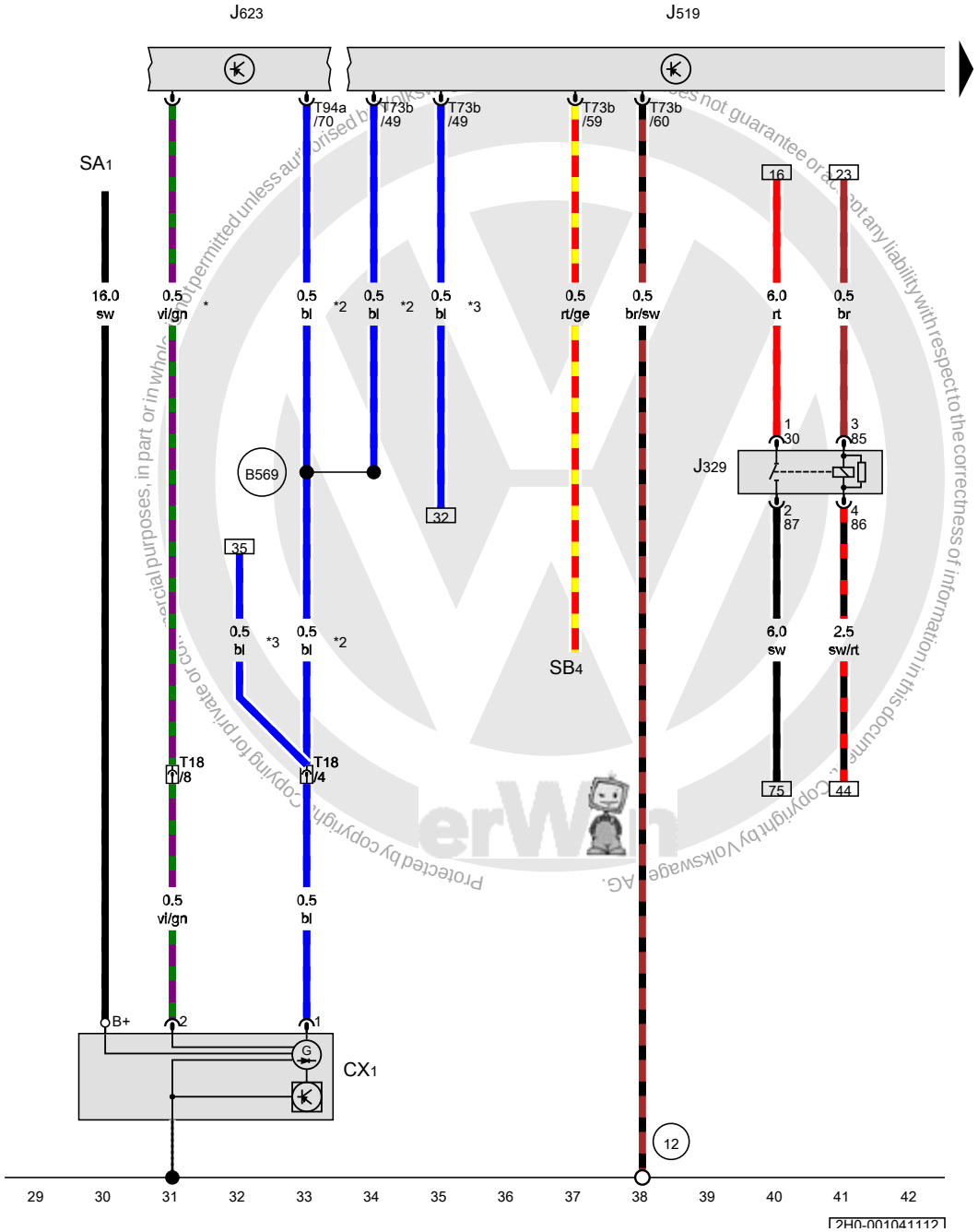

Alternator with voltage regulator, Terminal 15 voltage supply relay, Onboard supply control unit, Engine control unit, Fuse 4 on fuse holder B

CX1	Alternator with voltage regulator
J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
J623	Engine control unit
SA1	Fuse 1 in fuse holder A
SB4	Fuse 4 on fuse holder B
T18	18-pin connector, near engine control unit
T73b	73-pin connector
T94a	94-pin connector
12	Earth point, on left in engine compartment
B569	Connection 36, in main wiring harness
*	see applicable current flow diagram for engine
*2	Only models with diesel engine
*3	Only models with petrol engine

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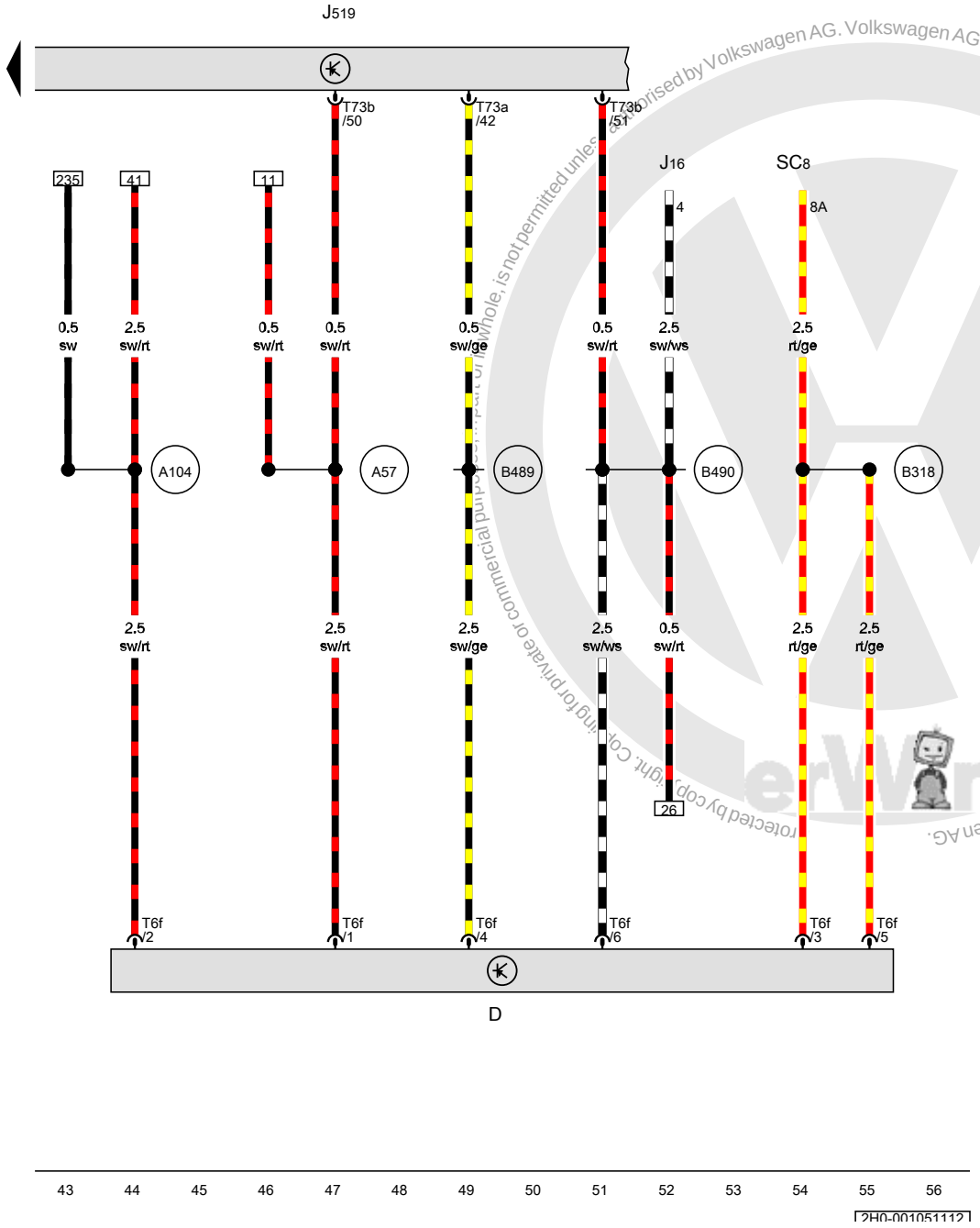

Ignition/starter switch, Onboard supply control unit

D	Ignition/starter switch
J16	Current supply relay
J519	Onboard supply control unit
SC8	Fuse 8 on fuse holder C
T6f	6-pin connector
T73a	73-pin connector
T73b	73-pin connector
A57	Positive connection 3 (30), in dash panel wiring harness
A104	Positive connection 2 (15), in dash panel wiring harness
B318	Positive connection 4 (30a) in main wiring harness
B489	Connection 25, in main wiring harness
B490	Connection 26, in main wiring harness

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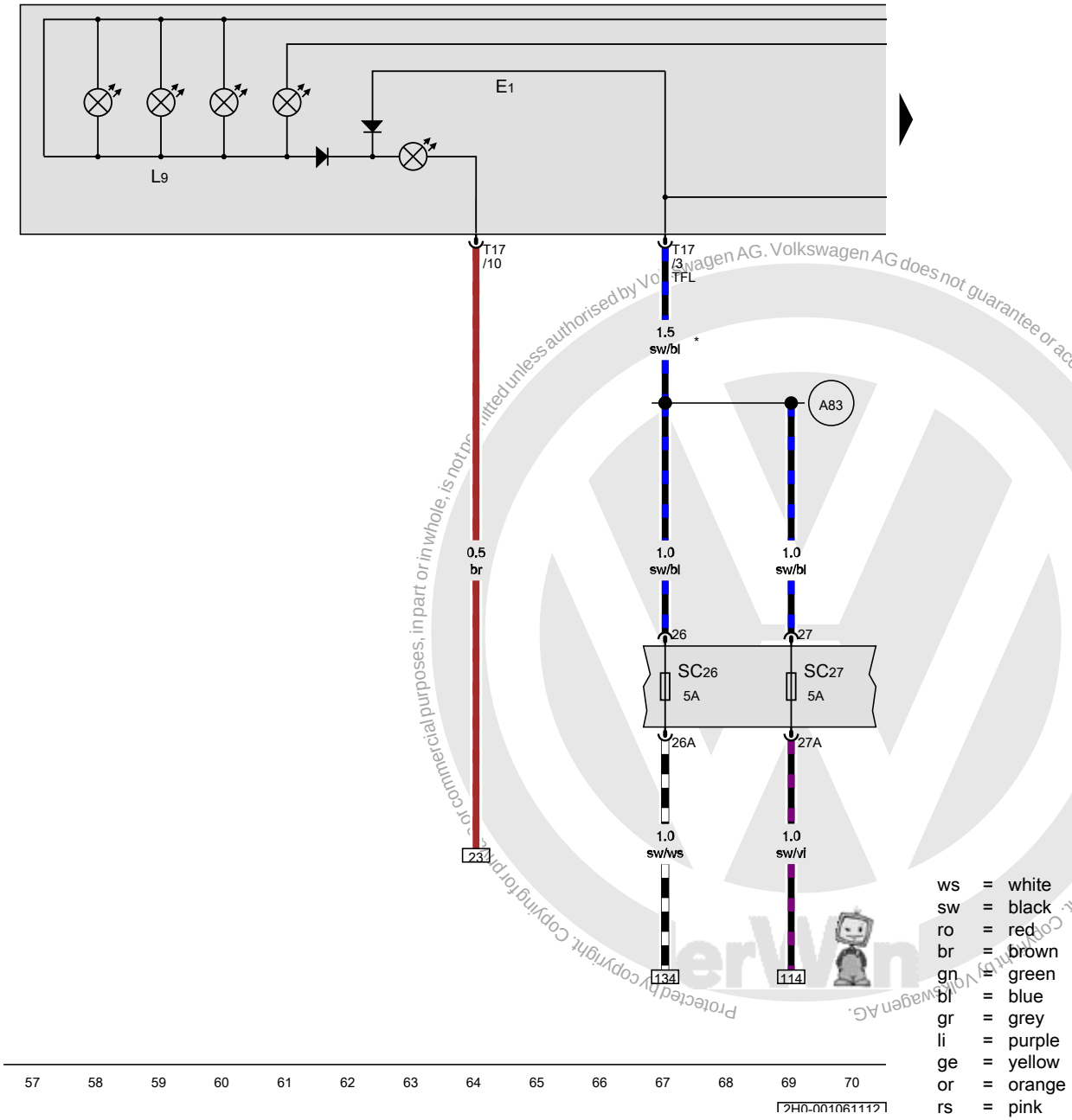
Light switch, Light switch illumination bulb, Fuse 26 on fuse holder C, Fuse 27 on fuse holder C

E1	Light switch
L9	Light switch illumination bulb
SC26	Fuse 26 on fuse holder C
SC27	Fuse 27 on fuse holder C
T17	17-pin connector
A83	Connection (daytime running lights), in dash panel wiring harness
*	Only models with daytime running lights



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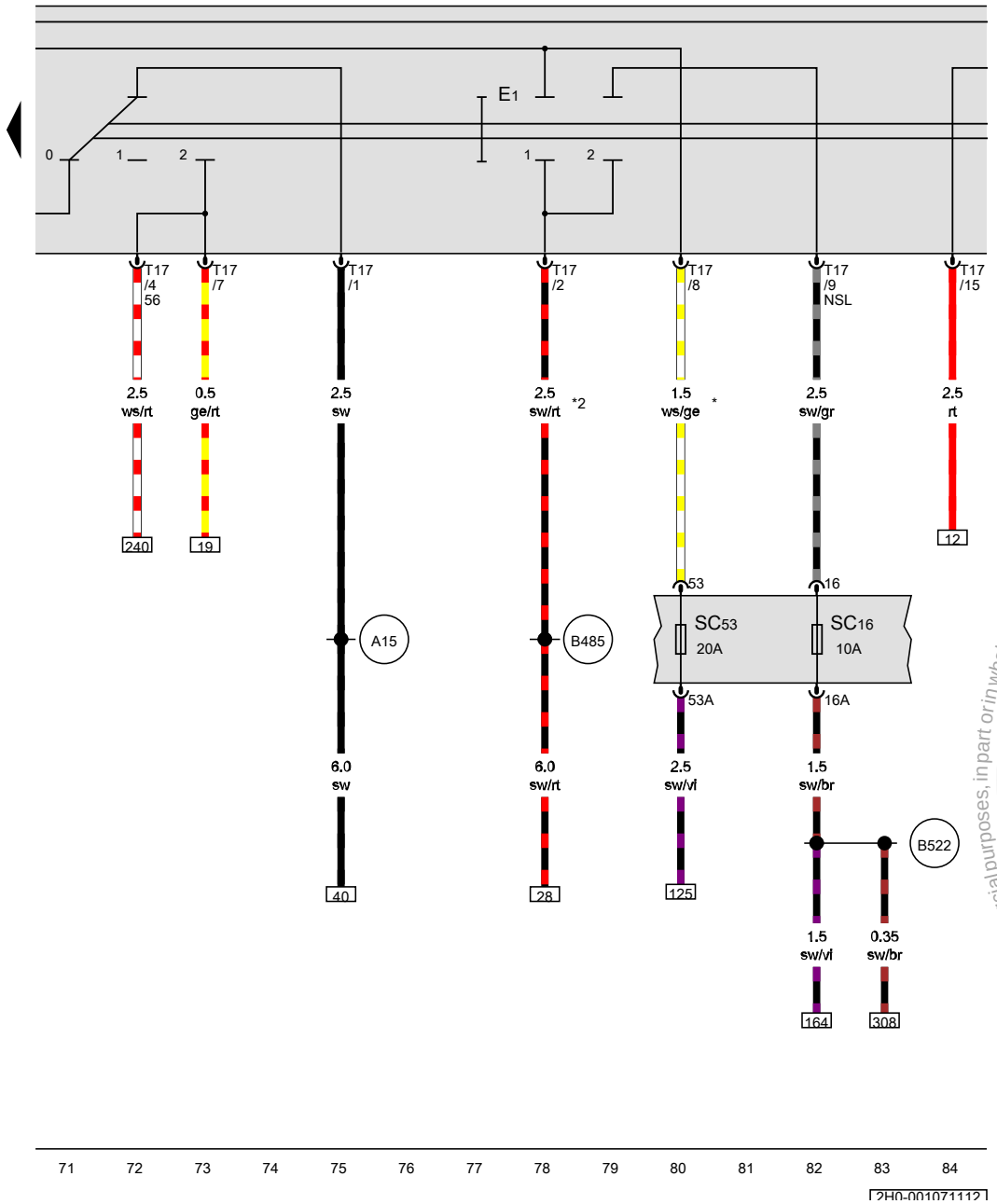
Light switch, Fuse 16 on fuse holder C, Fuse 53 on fuse holder C



E1	Light switch
SC16	Fuse 16 on fuse holder C
SC53	Fuse 53 on fuse holder C
T17	17-pin connector
A15	Positive connection (15), in instrument wiring harness
B485	Connection 21, in main wiring harness
B522	Connection (FL), in main wiring harness
*	Only models with no fog lights but with multifunction display
*2	Only models with fog lights

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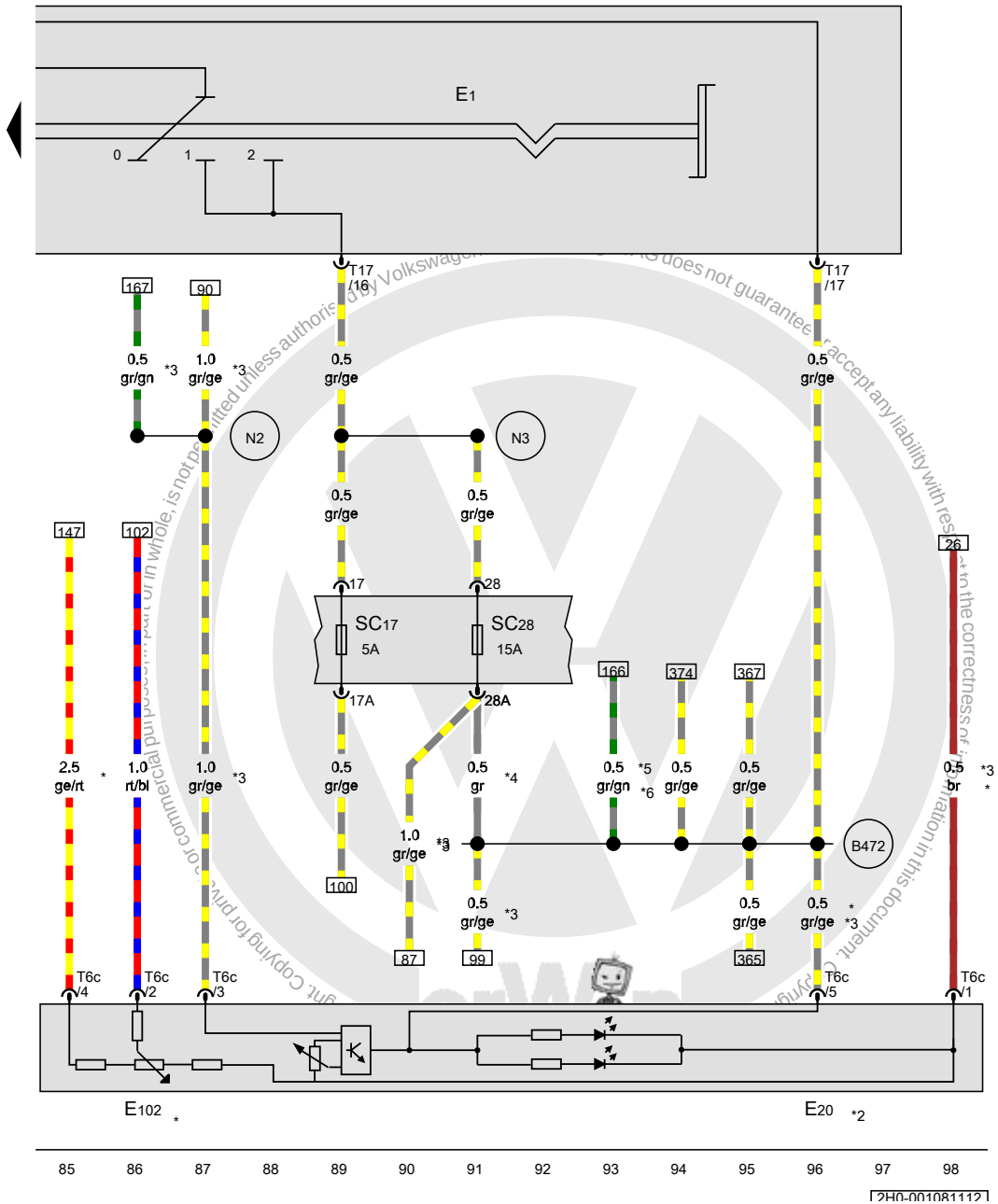
Light switch, Switch and instrument illumination regulator, Headlight range control regulator, Fuse 28 on fuse holder C

E1	Light switch
E20	Switch and instrument illumination regulator
E102	Headlight range control regulator
SC17	Fuse 17 on fuse holder C
SC28	Fuse 28 on fuse holder C
T6c	6-pin connector
T17	17-pin connector
B472	Connection 8, in main wiring harness
N2	Connection 1, in headlight range control wiring harness
N3	Connection 2, in headlight range control wiring harness
*	Only models with headlight range control
*2	Only models with dimmable instrument illumination
*3	Only models with Highline equipment
*4	Only models with no dimmable instrument illumination
*5	Only models with Trendline equipment
*6	Only models with basic equipment



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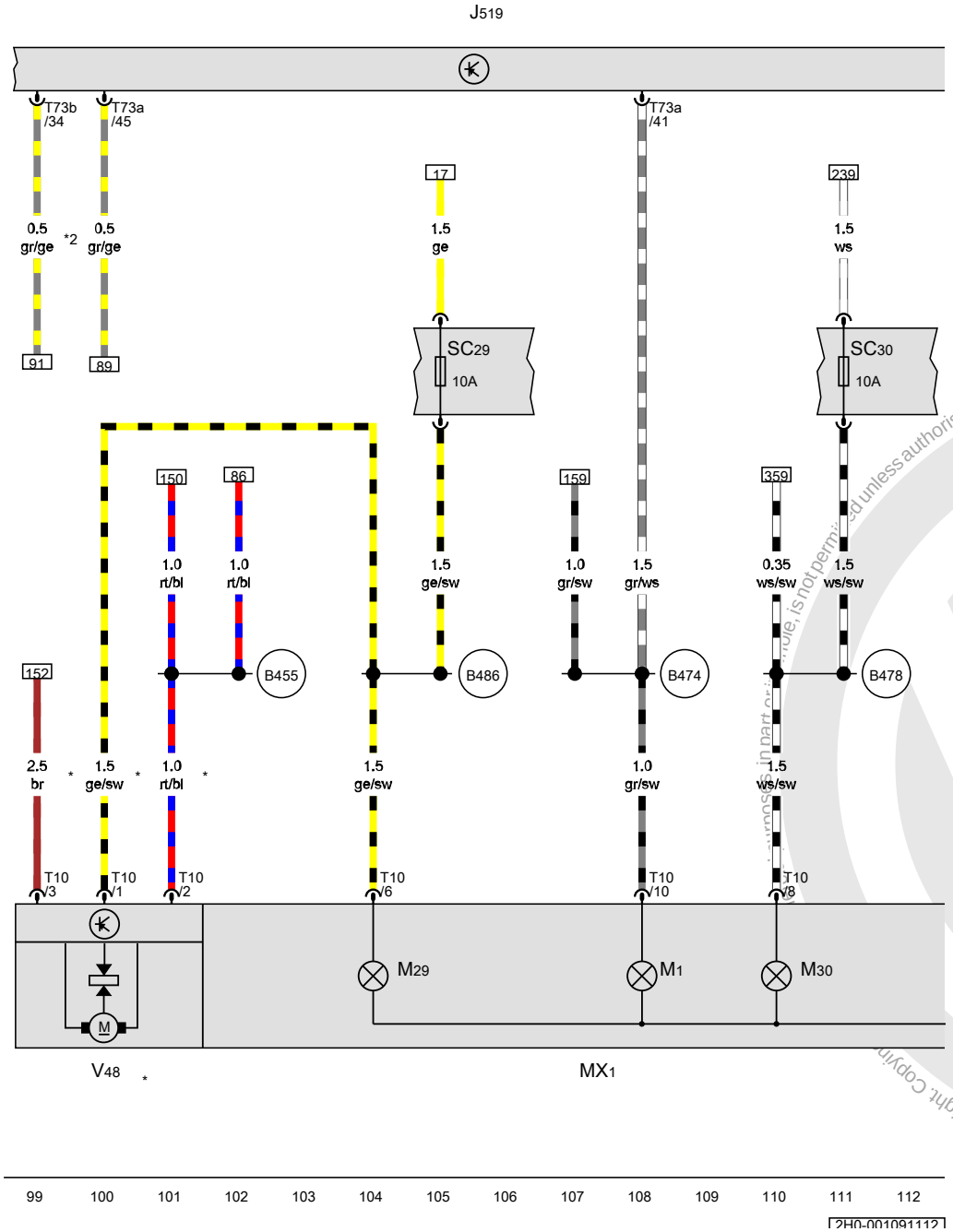

Front left headlight

J519	Onboard supply control unit
MX1	Front left headlight
M1	Left side light bulb
M29	Left headlight dipped beam bulb
M30	Left headlight main beam bulb
SC29	Fuse 29 on fuse holder C
SC30	Fuse 30 on fuse holder C
T10	10-pin connector
T73a	73-pin connector
T73b	73-pin connector
V48	Left headlight range control motor
B455	Connection (HRC), in main wiring harness
B474	Connection 10, in main wiring harness
B478	Connection 14, in main wiring harness
B486	Connection 22, in main wiring harness
*	Only models with headlight range control
*2	Only models with Highline equipment

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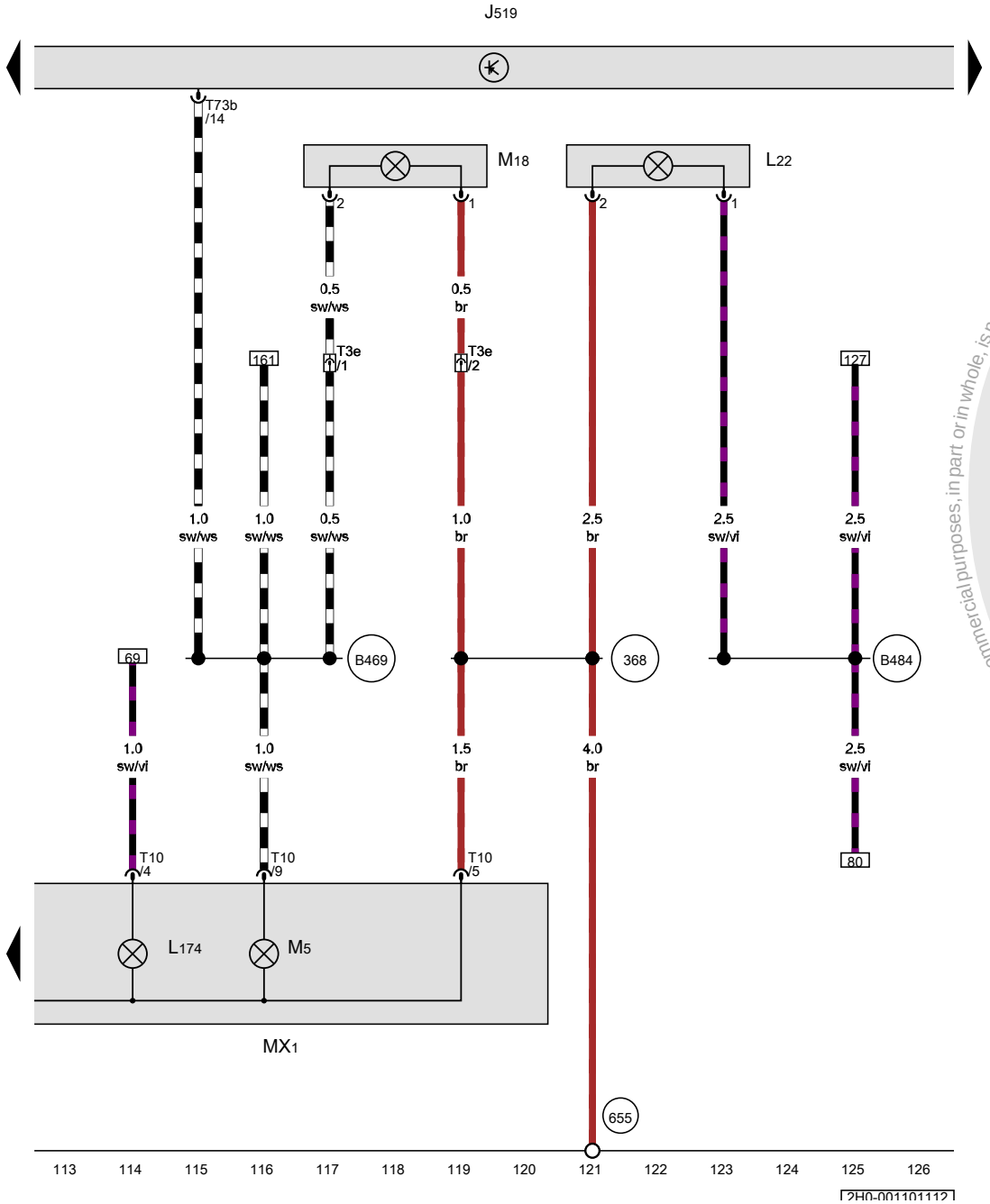

Left fog light bulb, Front left headlight, Left turn signal repeater bulb

J519	Onboard supply control unit
L22	Left fog light bulb
L174	Left daytime running light bulb
MX1	Front left headlight
M5	Front left turn signal bulb
M18	Left turn signal repeater bulb
T3e	3-pin connector, in rear left of engine compartment
T10	10-pin connector
T73b	73-pin connector
368	Earth connection 3, in main wiring harness
655	Earth point, on left headlight, on left on bulkhead
B469	Connection 5, in main wiring harness
B484	Connection 20, in main wiring harness

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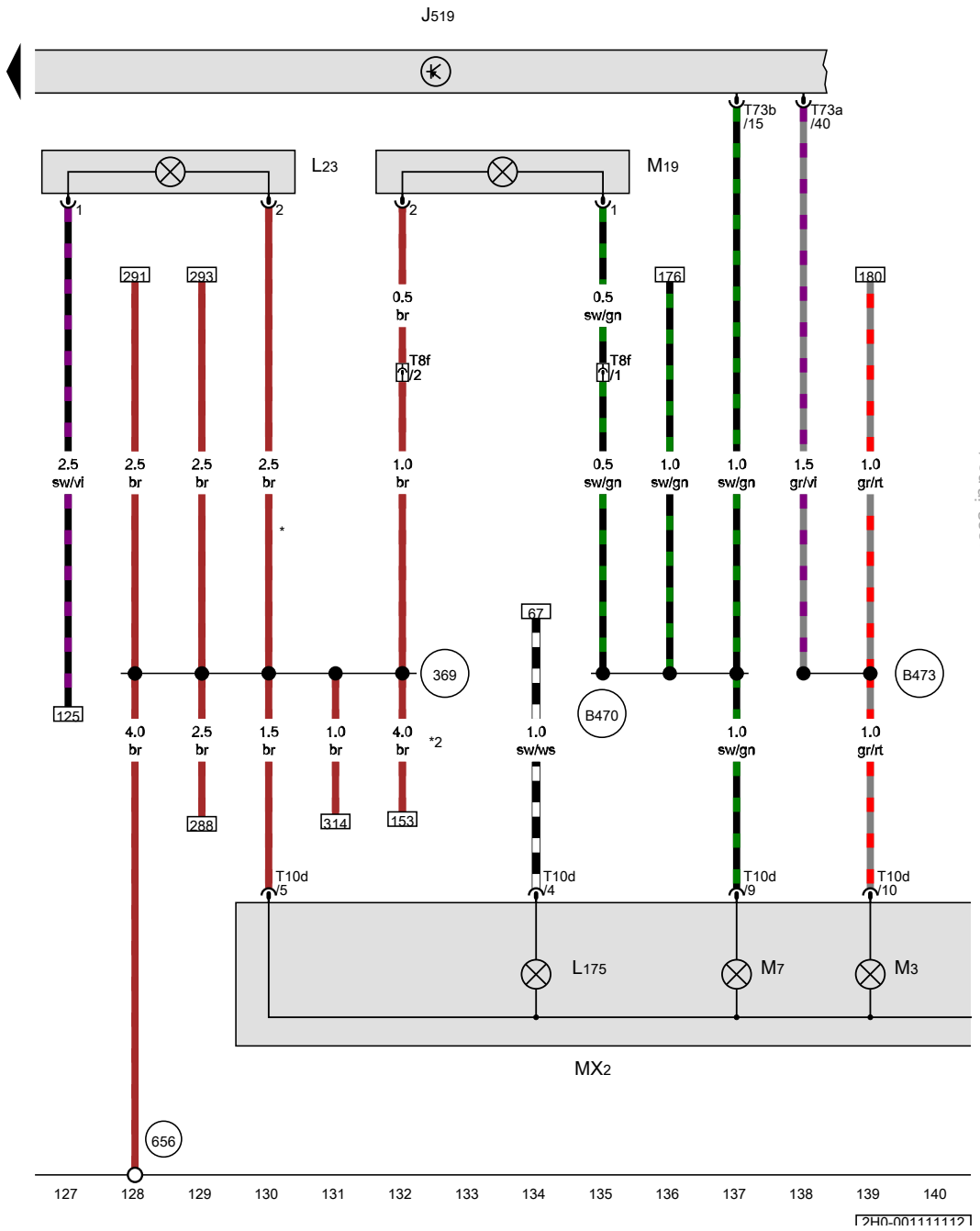

Right fog light bulb, Front right headlight, Right turn signal repeater bulb

J519	Onboard supply control unit
L23	Right fog light bulb
L175	Right daytime running light bulb
MX2	Front right headlight
M3	Right side light bulb
M7	Front right turn signal bulb
M19	Right turn signal repeater bulb
T8f	8-pin connector, in rear right of engine compartment
T10d	10-pin connector
T73a	73-pin connector
T73b	73-pin connector
369	Earth connection 4, in main wiring harness
656	Earth point, on right headlight, on right on bulkhead
B470	Connection 6, in main wiring harness
B473	Connection 9, in main wiring harness
*	Only models with basic equipment
*2	Only models with headlight range control

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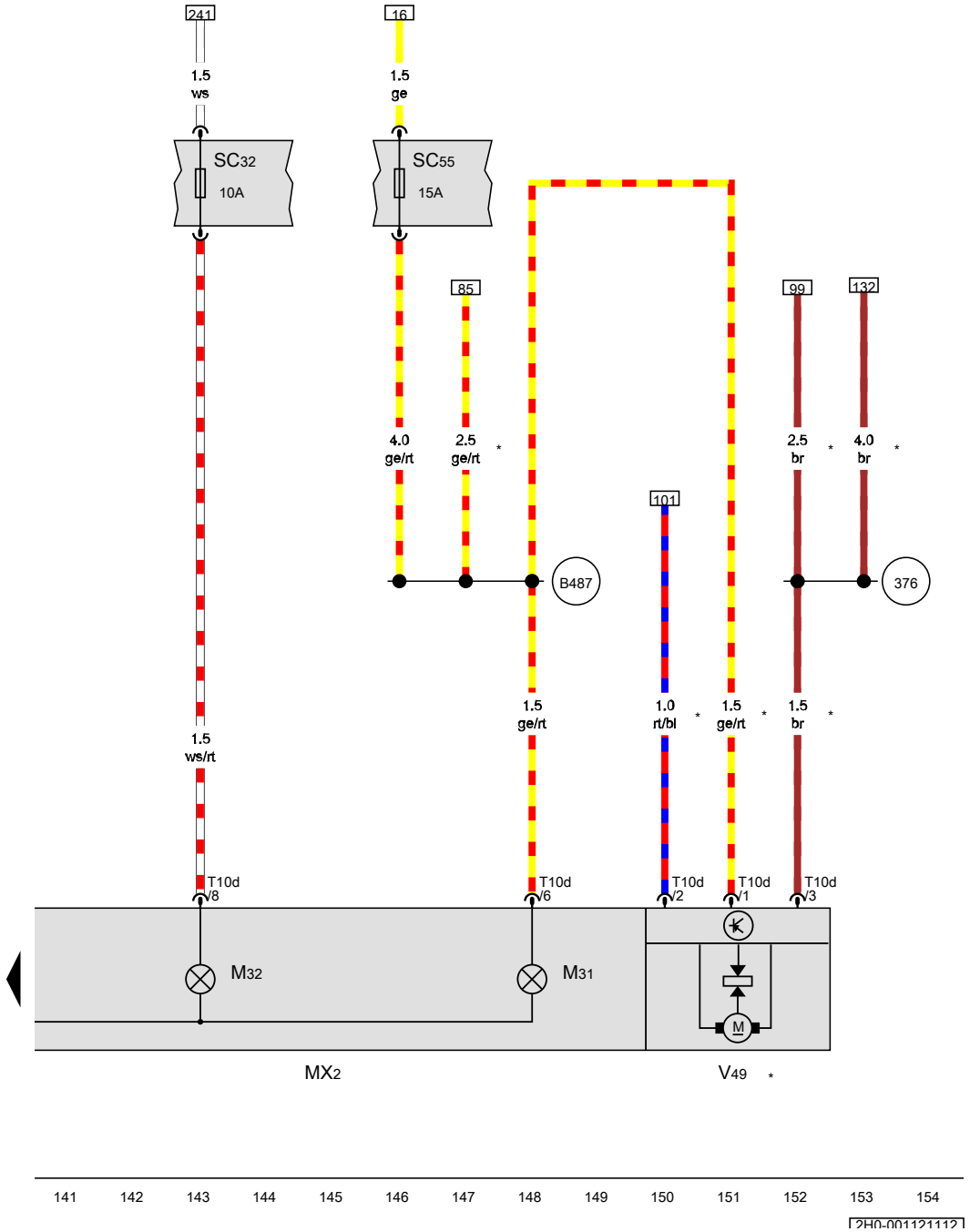

Front right headlight, Fuse 32 on fuse holder C, Fuse 55 on fuse holder C

MX2	Front right headlight
M31	Right headlight dipped beam bulb
M32	Right headlight main beam bulb
SC32	Fuse 32 on fuse holder C
SC55	Fuse 55 on fuse holder C
T10d	10-pin connector
V49	Right headlight range control motor
376	Earth connection 11, in main wiring harness
B487	Connection 23, in main wiring harness
*	Only models with headlight range control
*2	Only models with cruise control system (CCS)

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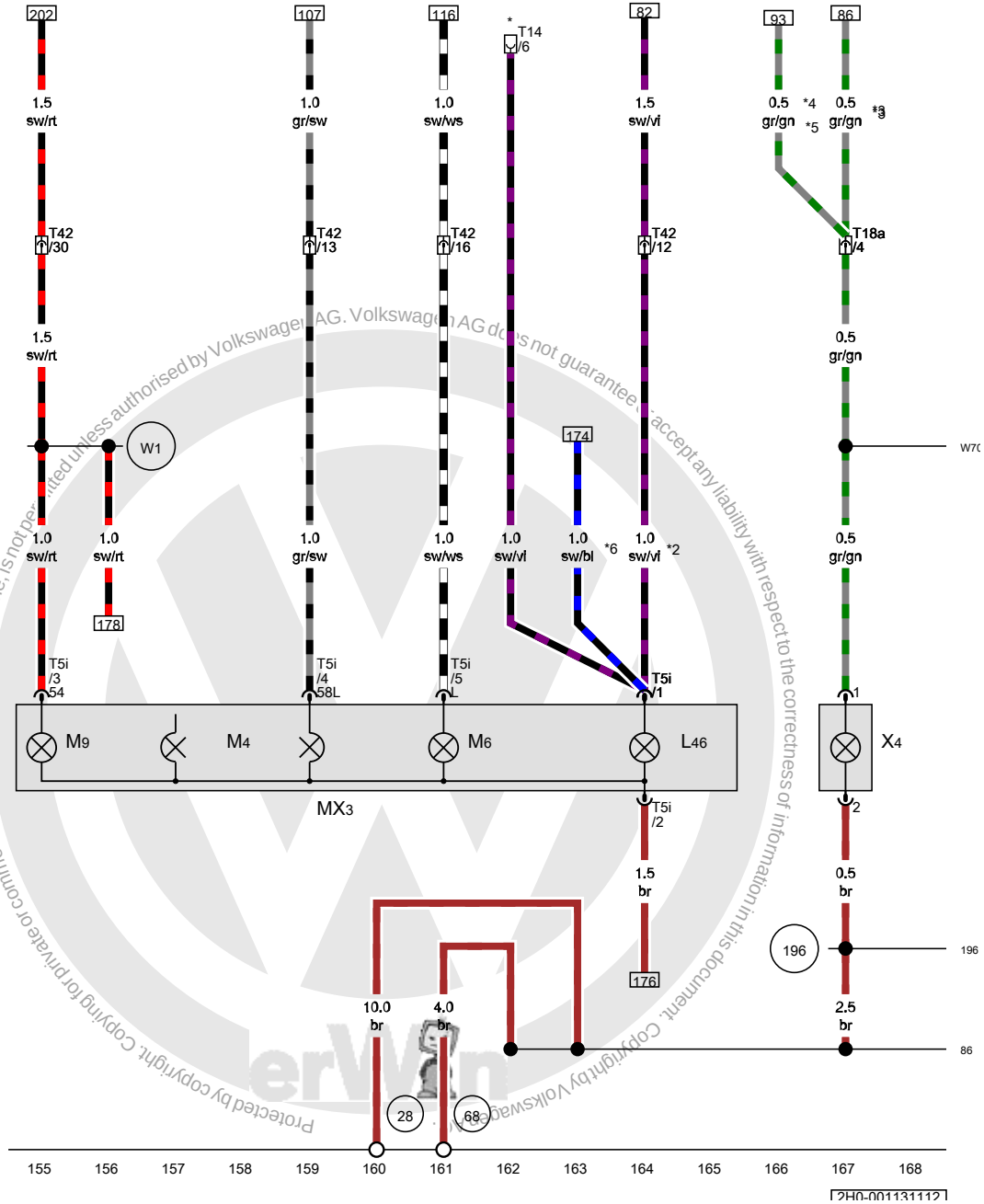

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Left tail light, Left number plate light

L46	Rear left fog light bulb
MX3	Left tail light
M4	Left tail light bulb
M6	Rear left turn signal bulb
M9	Left brake light bulb
T5i	5-pin connector
T14	14-pin connector, behind rear bumper on left
T18a	18-pin connector, near engine control unit
T42	42-pin connector, near handbrake lever
X4	Left number plate light
28	Earth point, on bulkhead
68	Earth point, on left of rear cross member
86	Earth connection 1, in rear wiring harness
196	Earth connection 3, in rear wiring harness
W1	Positive connection 1 (54), in rear wiring harness
W70	Positive connection 2 (58), in number plate wiring harness
*	see applicable current flow diagram for preparation for trailer coupling
*2	Only models with no towing bracket
*3	Only models with Highline equipment
*4	Only models with Trendline equipment
*5	Only models with basic equipment
*6	Only models with no rear fog light

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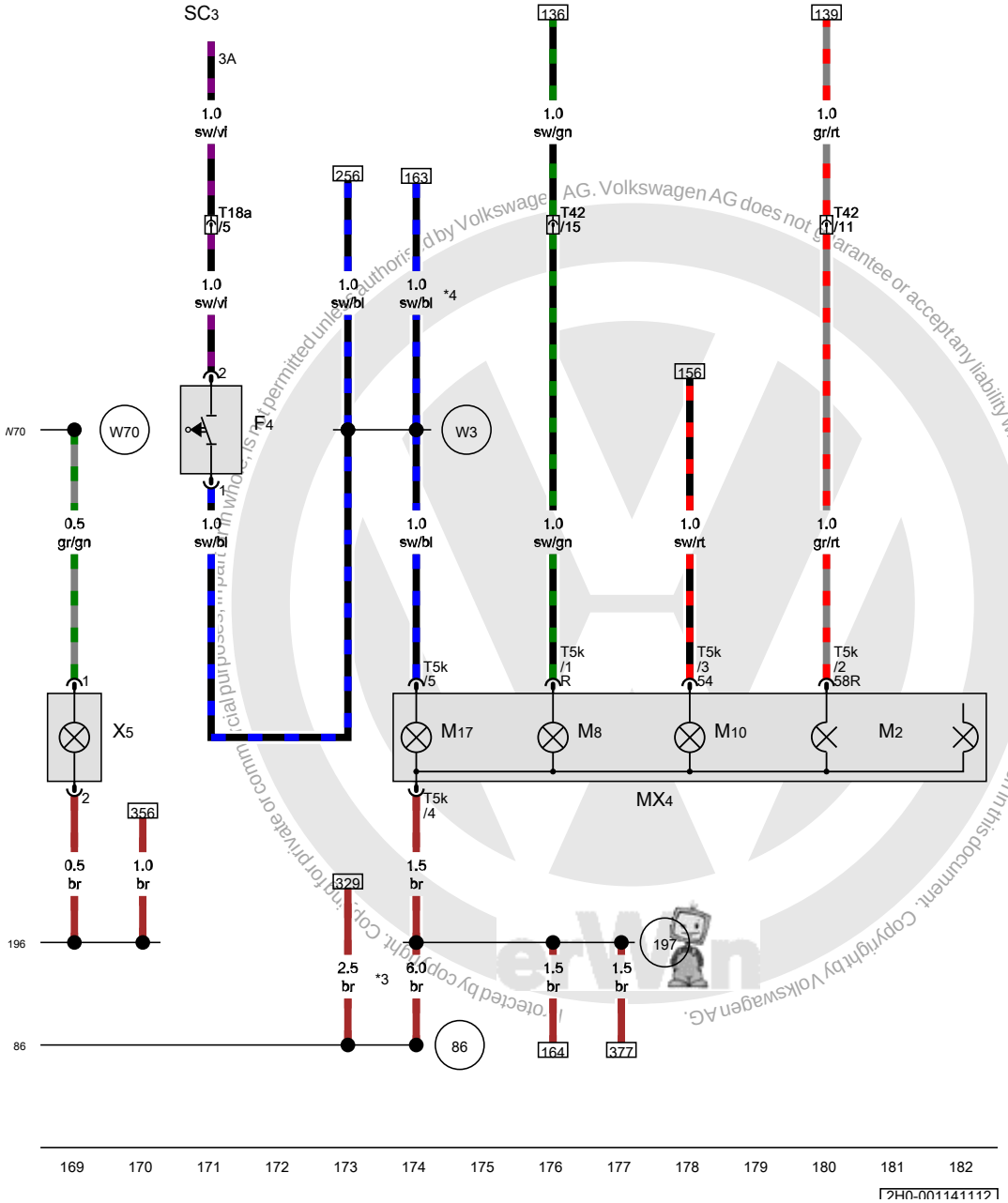

Reversing light switch, Right tail light, Right number plate light

F4	Reversing light switch
M2	Right tail light bulb
MX4	Right tail light
M8	Rear right turn signal bulb
M10	Right brake light bulb
M17	Right reversing light bulb
SC3	Fuse 3 on fuse holder C
T5k	5-pin connector
T18a	18-pin connector, near engine control unit
T42	42-pin connector, near handbrake lever
X5	Right number plate light
86	Earth connection 1, in rear wiring harness
196	Earth connection 3, in rear wiring harness
197	Earth connection 4, in rear wiring harness
W3	Connection in rear wiring harness
W70	Positive connection 2 (58), in number plate wiring harness
*	Only models with headlight range control
*2	Only models with Highline equipment
*3	Only models with diesel engine
*4	Only models with no rear fog light

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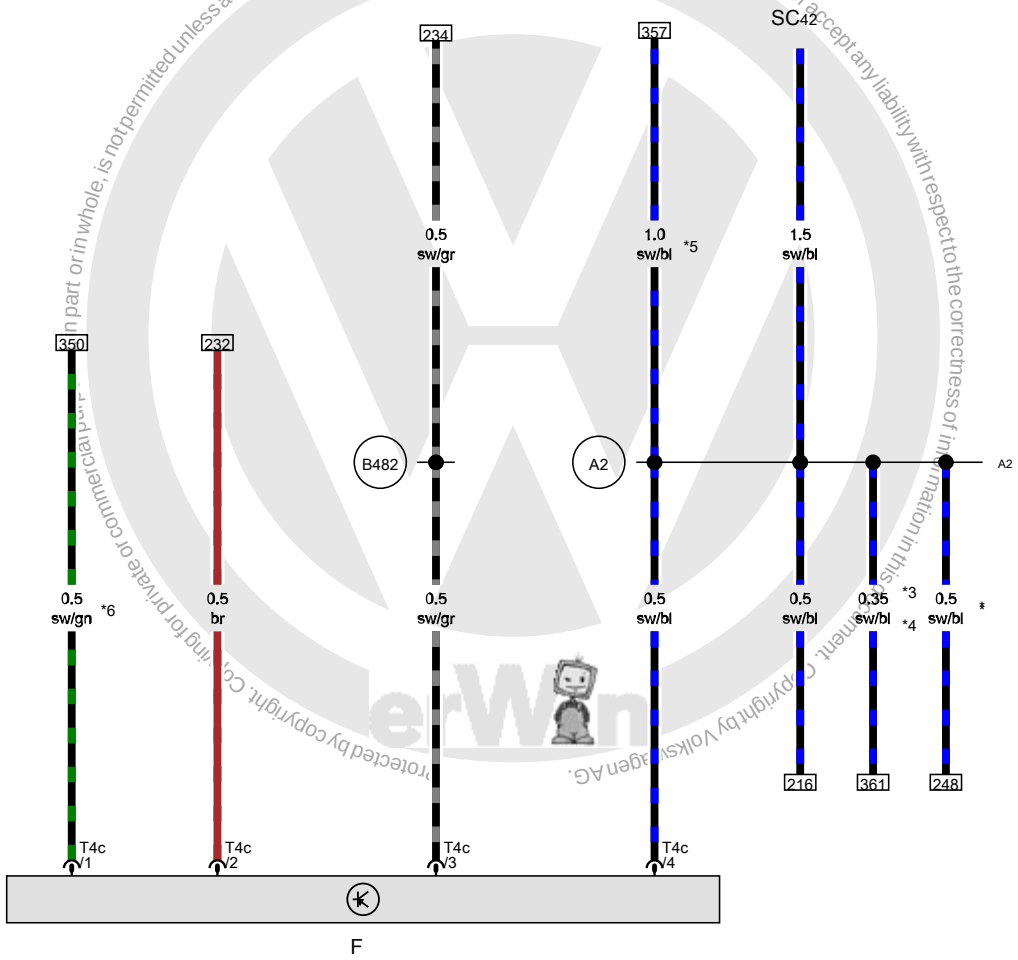

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[2H0-001151112]

Brake light switch

F	Brake light switch
SC42	Fuse 42 on fuse holder C
T4c	4-pin connector
A2	Positive connection (15), in dash panel wiring harness
B482	Connection 18, in main wiring harness
*	Only models with cruise control system (CCS)
*2	Only models with multifunction display
*3	Country specific
*4	If fitted
*5	Only models with Euro 5 emission standard
*6	see applicable current flow diagram for engine

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sw	=	black
ro	=	red
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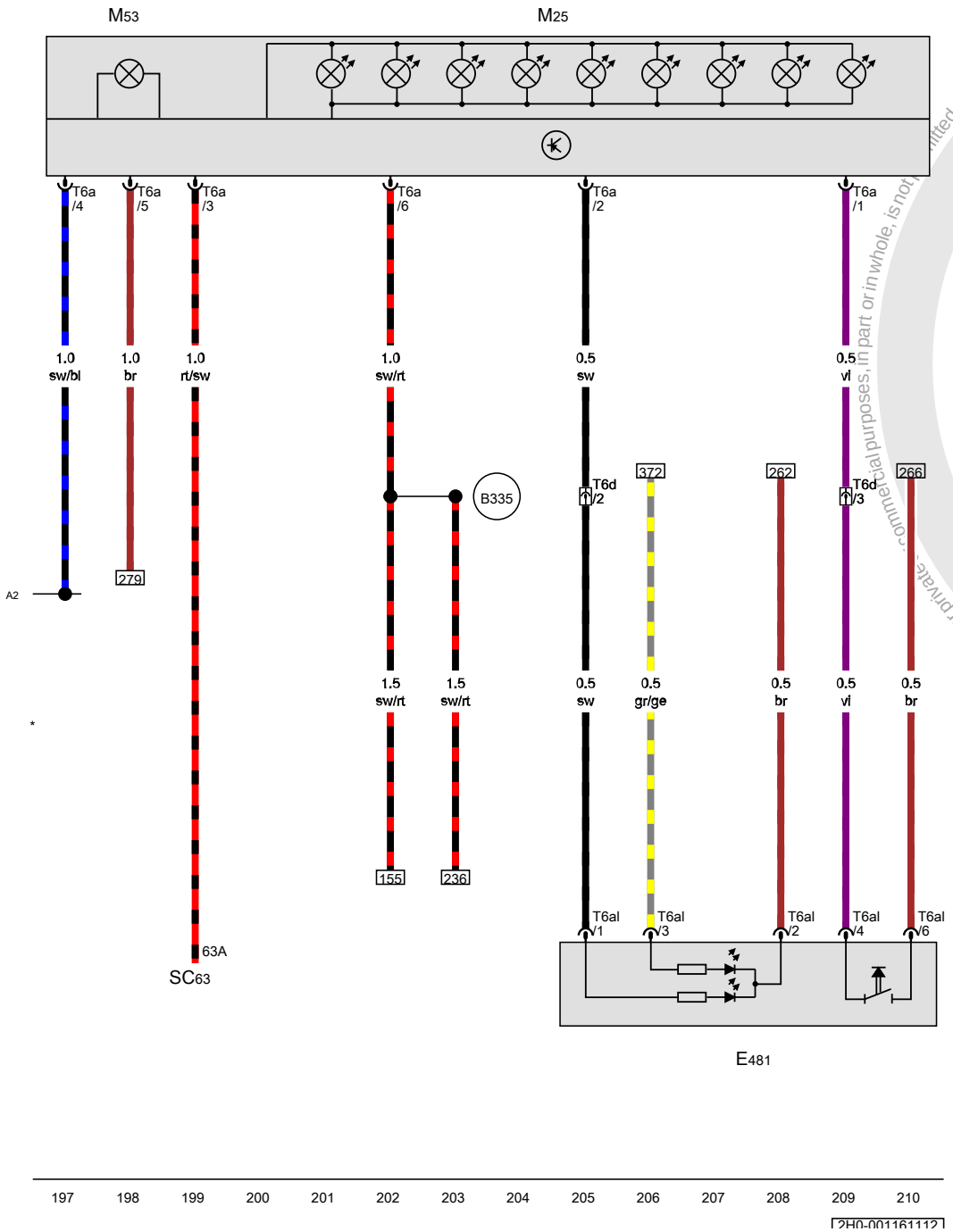

Load area illumination switch, Additional brake light bulb, Load area illumination bulb

E481	Load area illumination switch, near radio
M25	Additional brake light bulb
M53	Load area illumination bulb
SC63	Fuse 63 on fuse holder C
T6a	6-pin connector
T6al	6-pin connector
T6d	6-pin connector, on relay carrier
A2	Positive connection (15), in dash panel wiring harness
B335	Connection 1 (54), in main wiring harness
*	Only models with headlight range control

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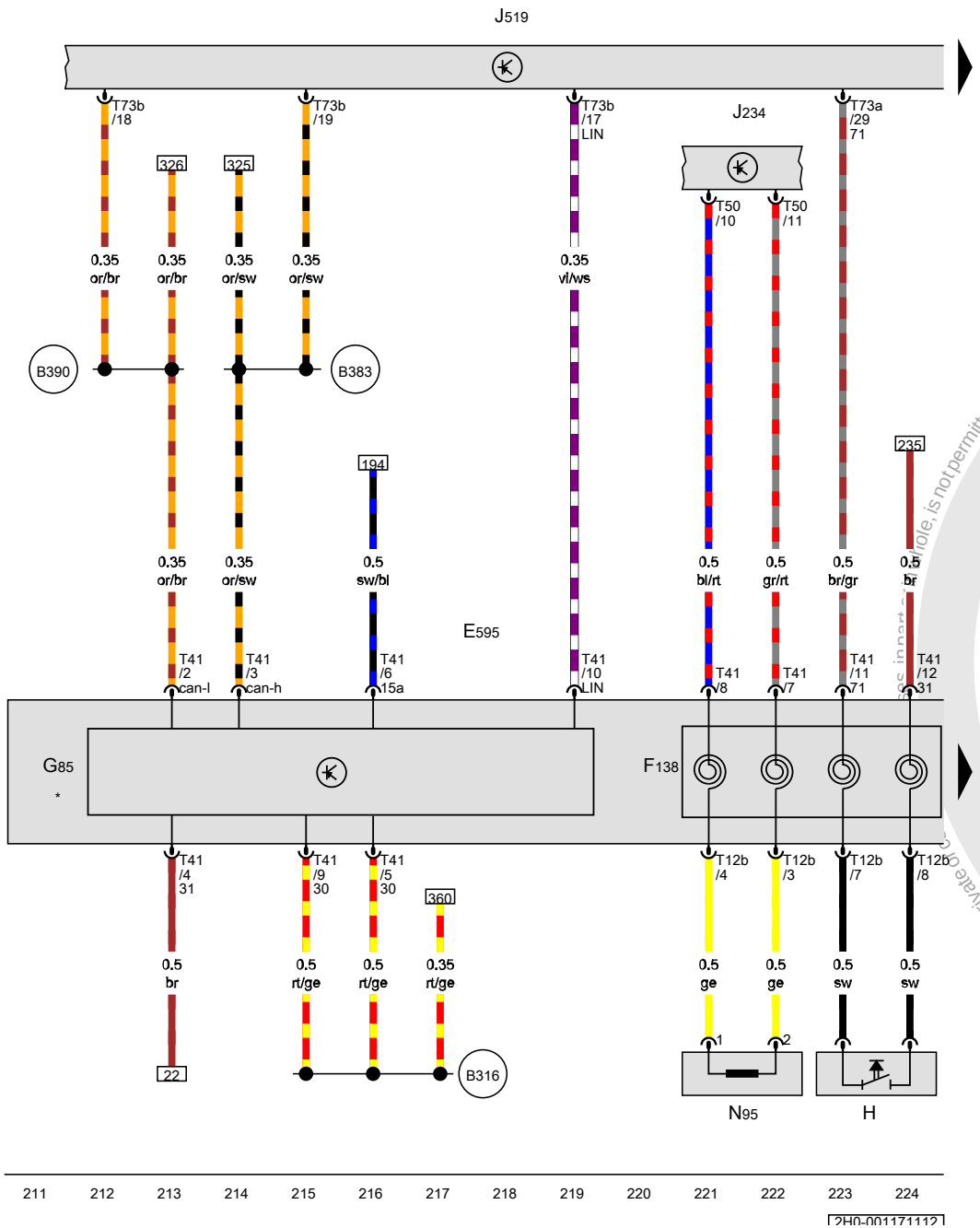

Steering column combination switch, Airbag coil connector and return ring with slip ring, Steering angle sender, Horn plate, Airbag control unit

E595	Steering column combination switch
F138	Airbag coil connector and return ring with slip ring, on steering wheel
G85	Steering angle sender
H	Horn plate
J234	Airbag control unit
J519	Onboard supply control unit
N95	Driver side airbag igniter
T12b	12-pin connector
T41	41-pin connector
T50	50-pin connector
T73a	73-pin connector
T73b	73-pin connector
B316	Positive connection 2 (30a) in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	Only models with anti-lock brake system (ABS) and electronic stabilisation program (ESP)

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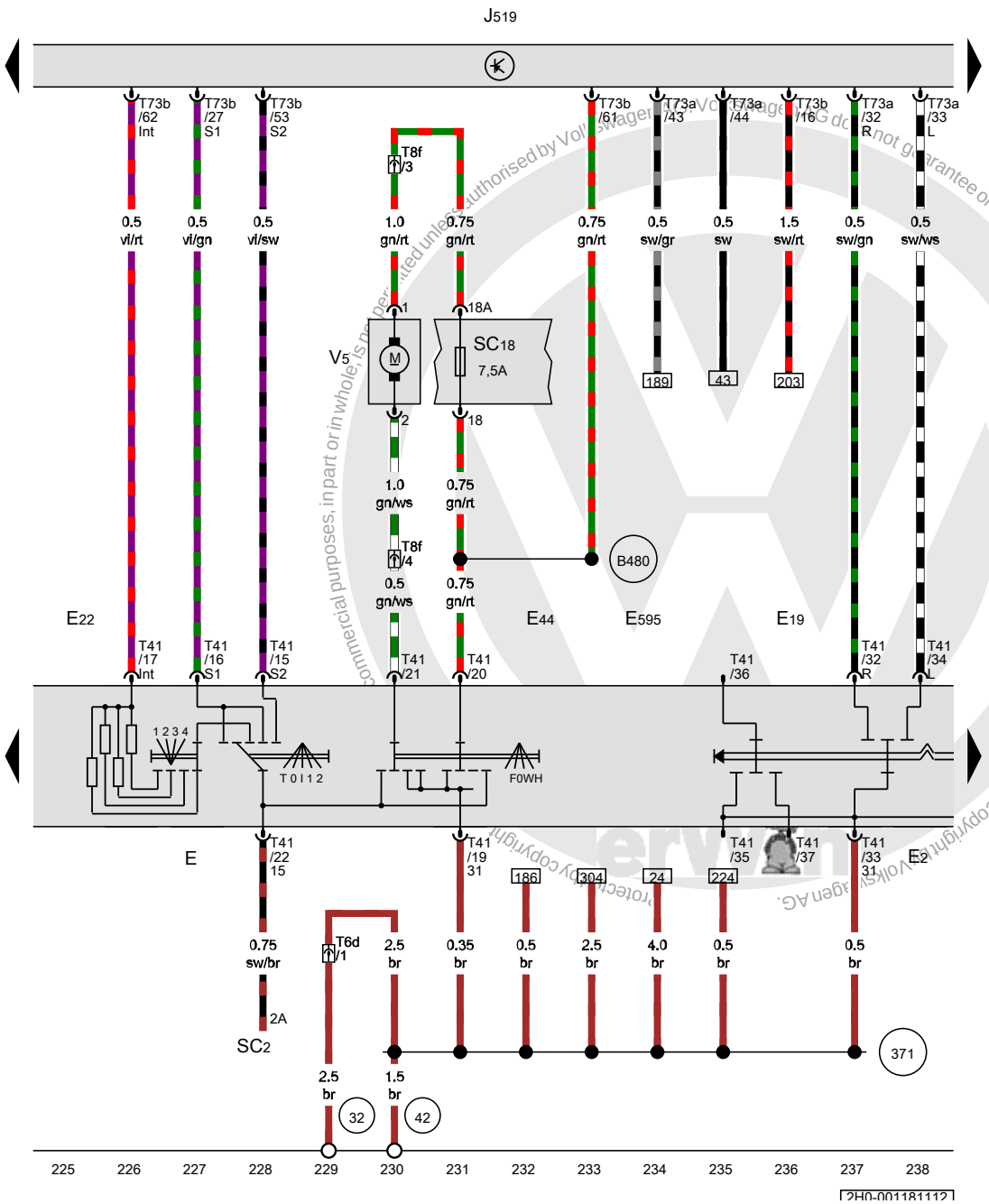

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Turn signal switch, Intermittent wiper switch, Washer pump switch (automatic wash/wipe and headlight washer system), Steering column combination switch, Washer pump

E	Windscreen wiper switch
E2	Turn signal switch
E19	Parking light switch
E22	Intermittent wiper switch
E44	Washer pump switch (automatic wash/wipe and headlight washer system)
E595	Steering column combination switch
J519	Onboard supply control unit
SC2	Fuse 2 on fuse holder C
SC18	Fuse 18 on fuse holder C
T6d	6-pin connector, in centre of dash panel
T8f	8-pin connector, in rear left of engine compartment
T41	41-pin connector
T73a	73-pin connector
T73b	73-pin connector
V5	Washer pump
32	Earth point, on left behind dash panel
42	Earth point, next to steering column
371	Earth connection 6, in main wiring harness
B480	Connection 16, in main wiring harness

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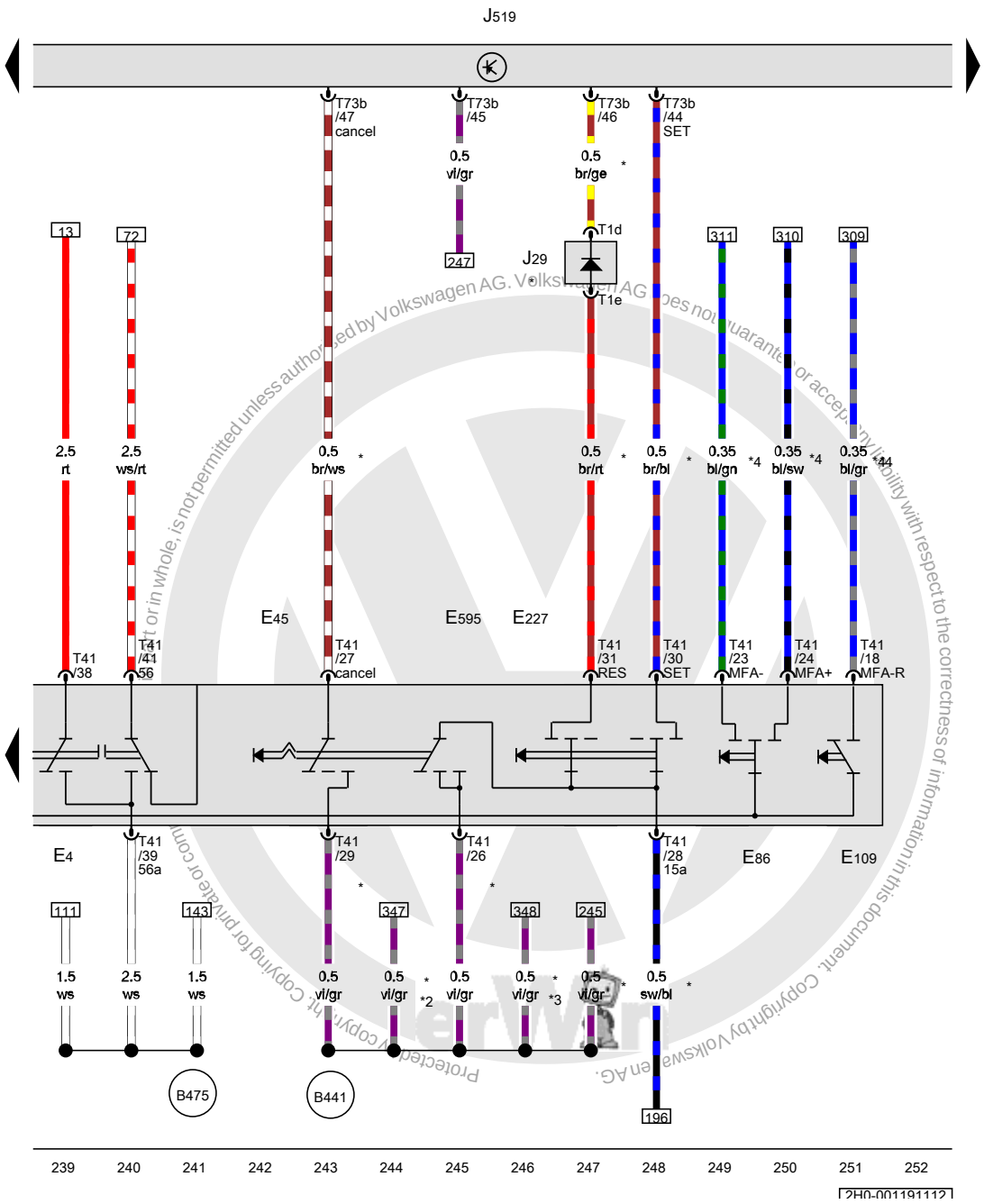

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Headlight dipper and flasher switch, Cruise control system switch, Multifunction display call-up button, Multifunction display memory switch, Steering column combination switch

E4	Headlight dipper and flasher switch
E45	Cruise control system switch
E86	Multifunction display call-up button
E109	Multifunction display memory switch
E227	Cruise control system (CCS) SET button
E595	Steering column combination switch
J29	Blocking diode, near steering column
J519	Onboard supply control unit
T1d	Single connector
T1e	Single connector
T41	41-pin connector
T73b	73-pin connector
B441	Connection (CCS), in main wiring harness
B475	Connection 11, in main wiring harness
*	Only models with cruise control system (CCS)
*2	Only models with petrol engine
*3	Only models with diesel engine
*4	Only models with multifunction display
*5	Only models with Highline equipment

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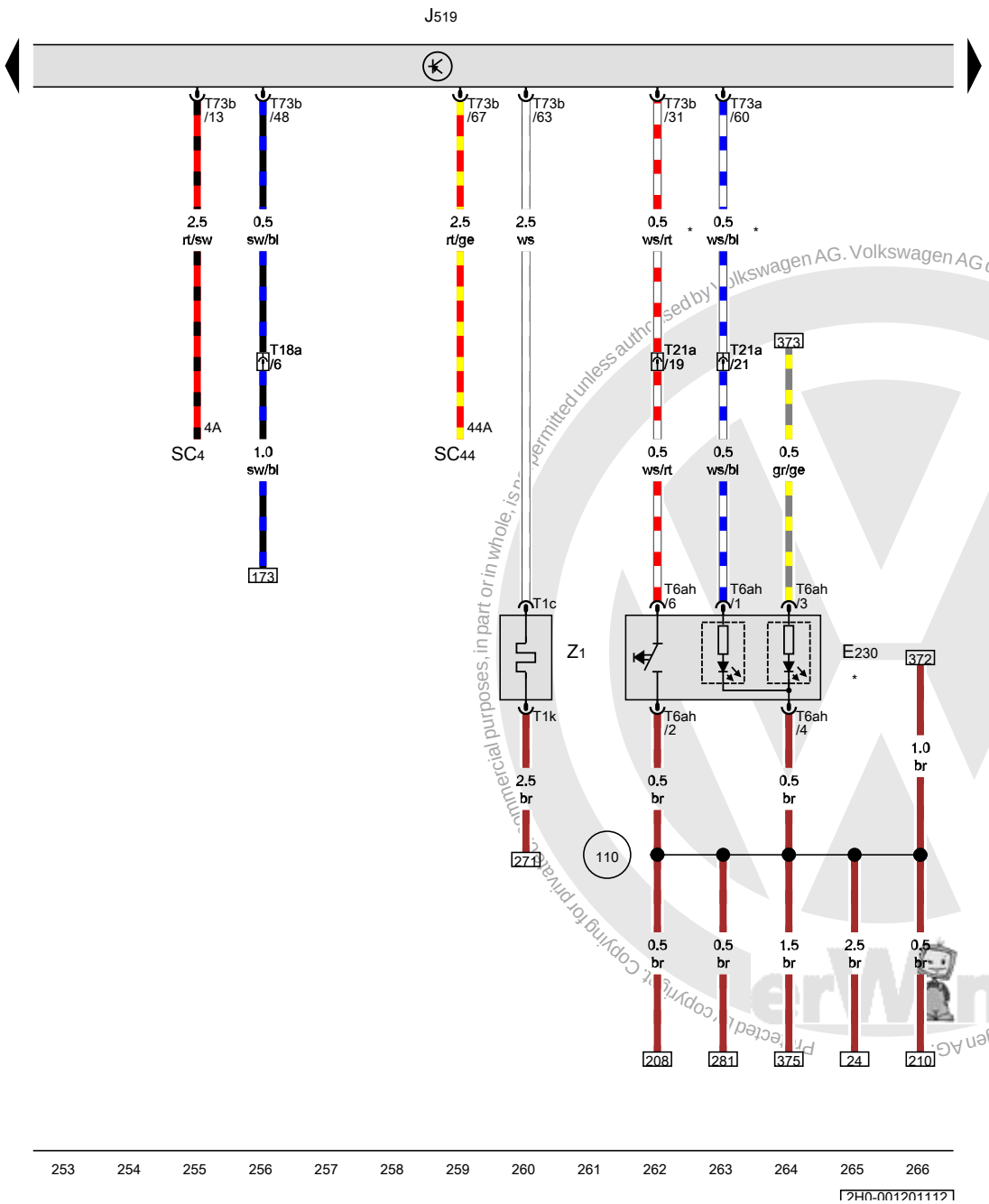

Heated rear window button, Heated rear window

E230	Heated rear window button, near radio
J519	Onboard supply control unit
SC4	Fuse 4 on fuse holder C
SC44	Fuse 44 on fuse holder C
T1c	Single connector
T1k	Single connector
T6ah	6-pin connector
T18a	18-pin connector, near engine control unit
T21a	21-pin connector, on relay carrier
T73a	73-pin connector
T73b	73-pin connector
Z1	Heated rear window
110	Earth connection 2, in dash panel wiring harness
*	Only models with no air conditioning system/Climatronic

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
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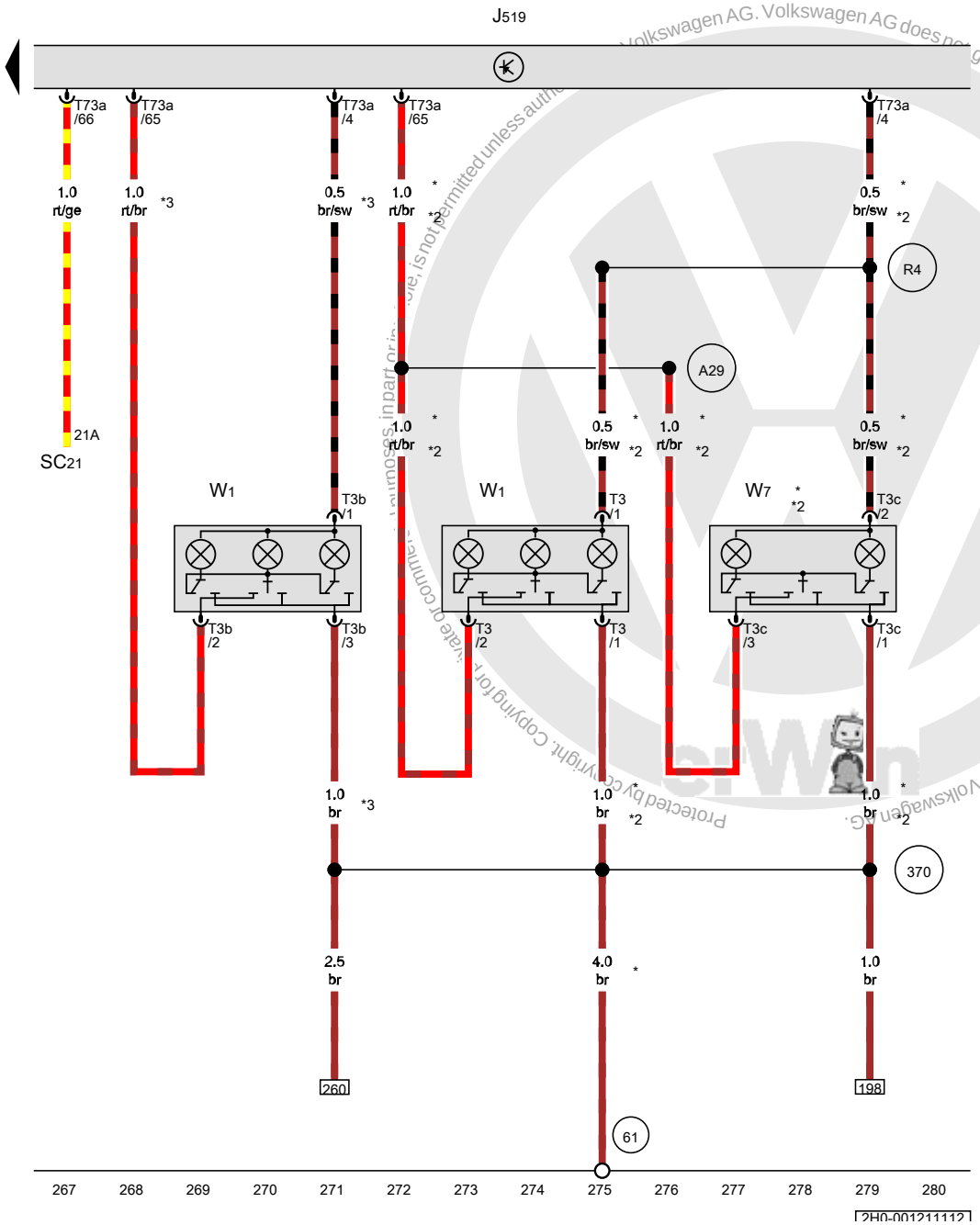

Front interior light, Centre interior light

J519	Onboard supply control unit
SC21	Fuse 21 on fuse holder C
T3	3-pin connector
T3b	3-pin connector
T3c	3-pin connector
T73a	73-pin connector
W1	Front interior light
W7	Centre interior light
61	Earth point, left C-pillar
370	Earth connection 5, in main wiring harness
A29	Connection (interior light), in dash panel wiring harness
R4	Connection 1, in interior light/door contact switch wiring harness
*	Only models with double cab
*2	Only models with Highline equipment
*3	Only models with basic equipment

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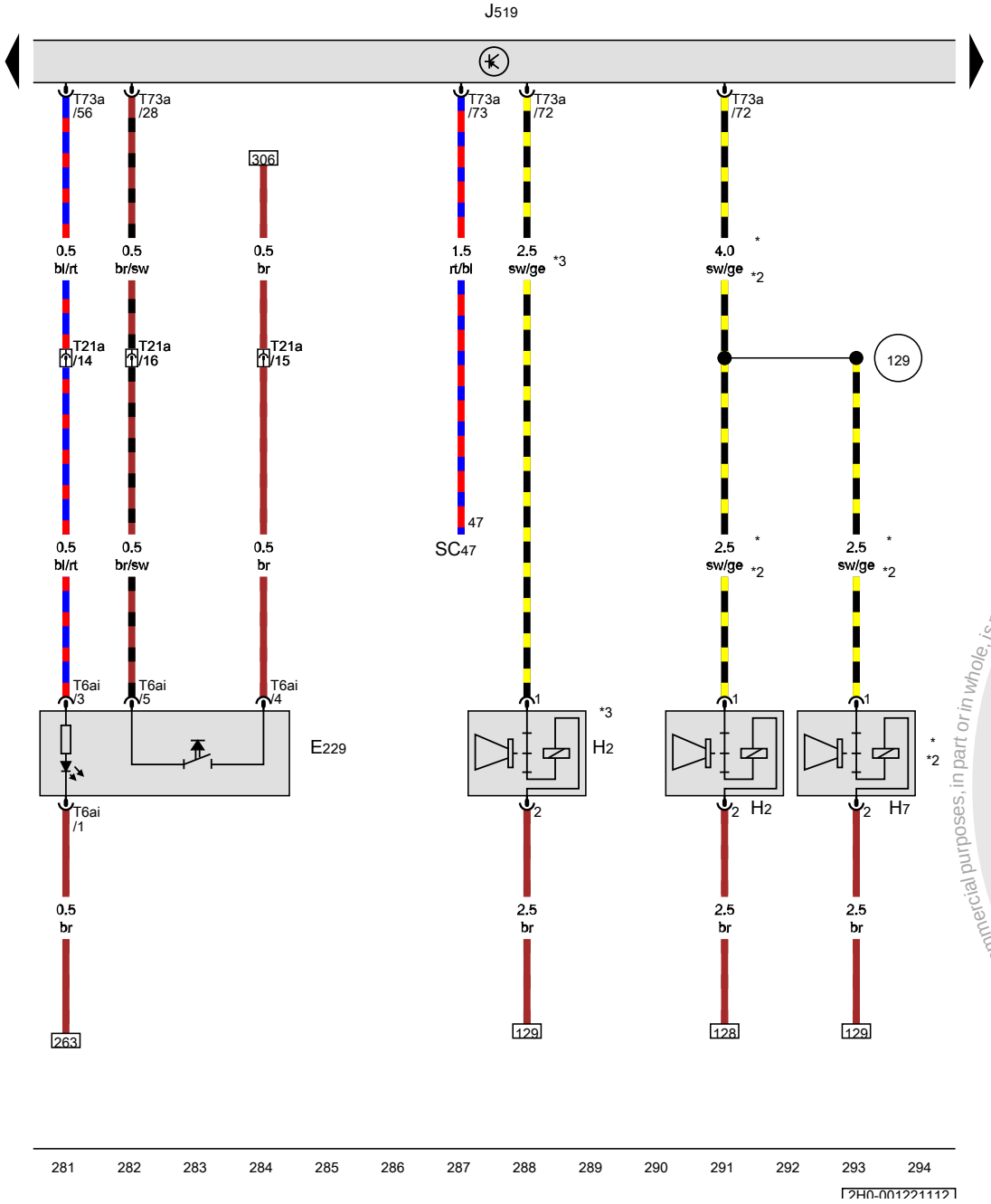

Hazard warning lights button, Treble horn, Bass horn

E229	Hazard warning lights button, near radio
H2	Treble horn
H7	Bass horn
J519	Onboard supply control unit
SC47	Fuse 47 on fuse holder C
T6ai	6-pin connector
T21a	21-pin connector, on relay carrier
T73a	73-pin connector
(129)	Earth connection, in dual tone horn wiring harness
*	Only models with Highline equipment
*2	Only models with Trendline equipment
*3	Only models with basic equipment

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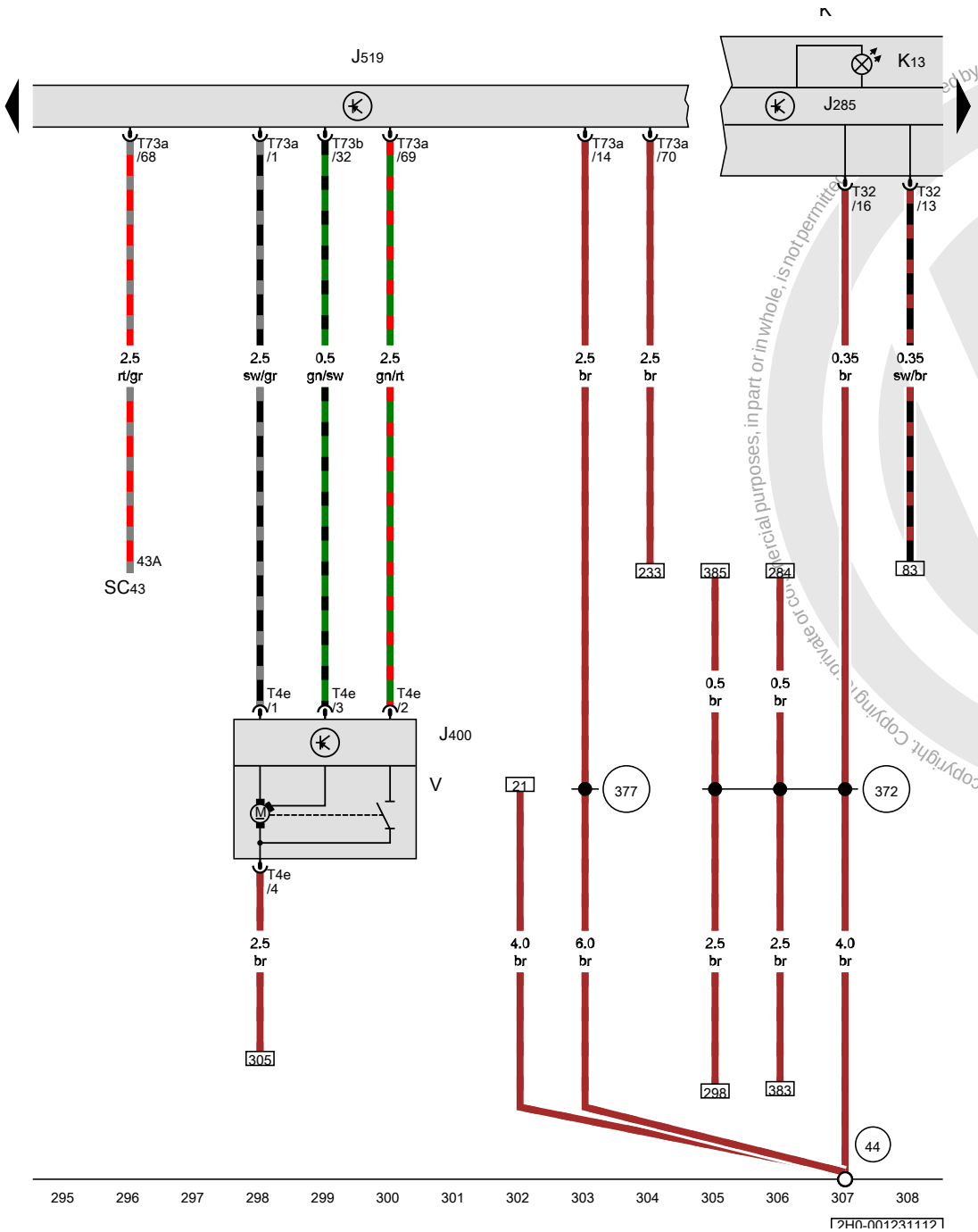

Dash panel insert, Windscreen wiper motor

J285	Control unit in dash panel insert
J400	Wiper motor control unit
J519	Onboard supply control unit
K	Dash panel insert
K13	Rear fog light warning lamp
SC43	Fuse 43 on fuse holder C
T4e	4-pin connector
T32	32-pin connector
T73a	73-pin connector
T73b	73-pin connector
V	Windscreen wiper motor
44	Earth point, lower part of left A-pillar
372	Earth connection 7, in main wiring harness
377	Earth connection 12, in main wiring harness

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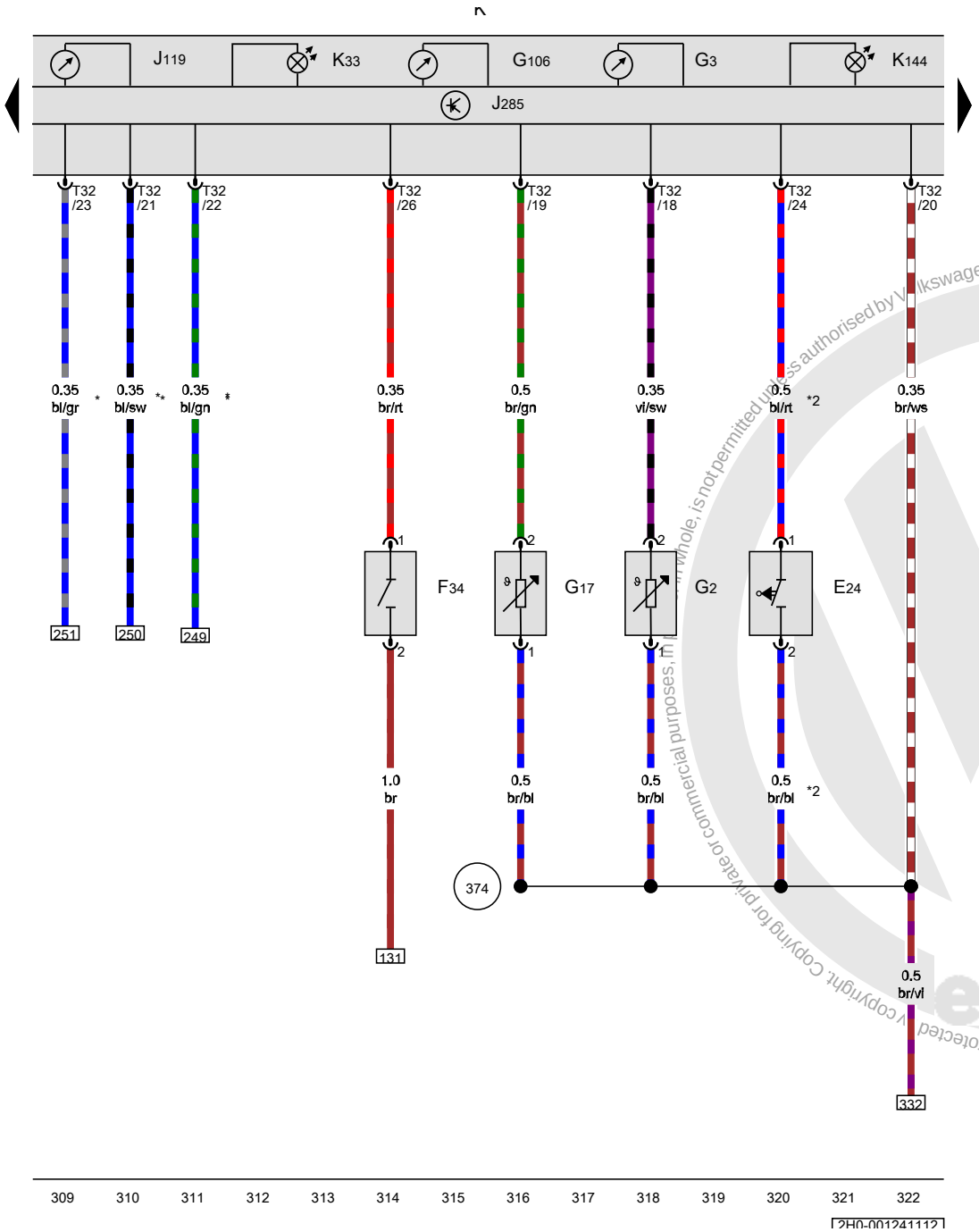

Driver side belt switch, Brake fluid level warning contact, Coolant temperature display sender, Coolant temperature gauge, Ambient temperature sensor, Ambient temperature indicator, Multifunction indicator, Dash panel insert, Brake fluid level warning lamp, Driver side airbag deactivated warning lamp

E24	Driver side belt switch
F34	Brake fluid level warning contact
G2	Coolant temperature display sender
G3	Coolant temperature gauge
G17	Ambient temperature sensor
G106	Ambient temperature indicator
J119	Multifunction indicator
J285	Control unit in dash panel insert
K	Dash panel insert
K33	Brake fluid level warning lamp
K144	Driver side airbag deactivated warning lamp
T32	32-pin connector
374	Earth connection 9, in main wiring harness
*	Only models with multifunction display
*2	Only models with no airbag

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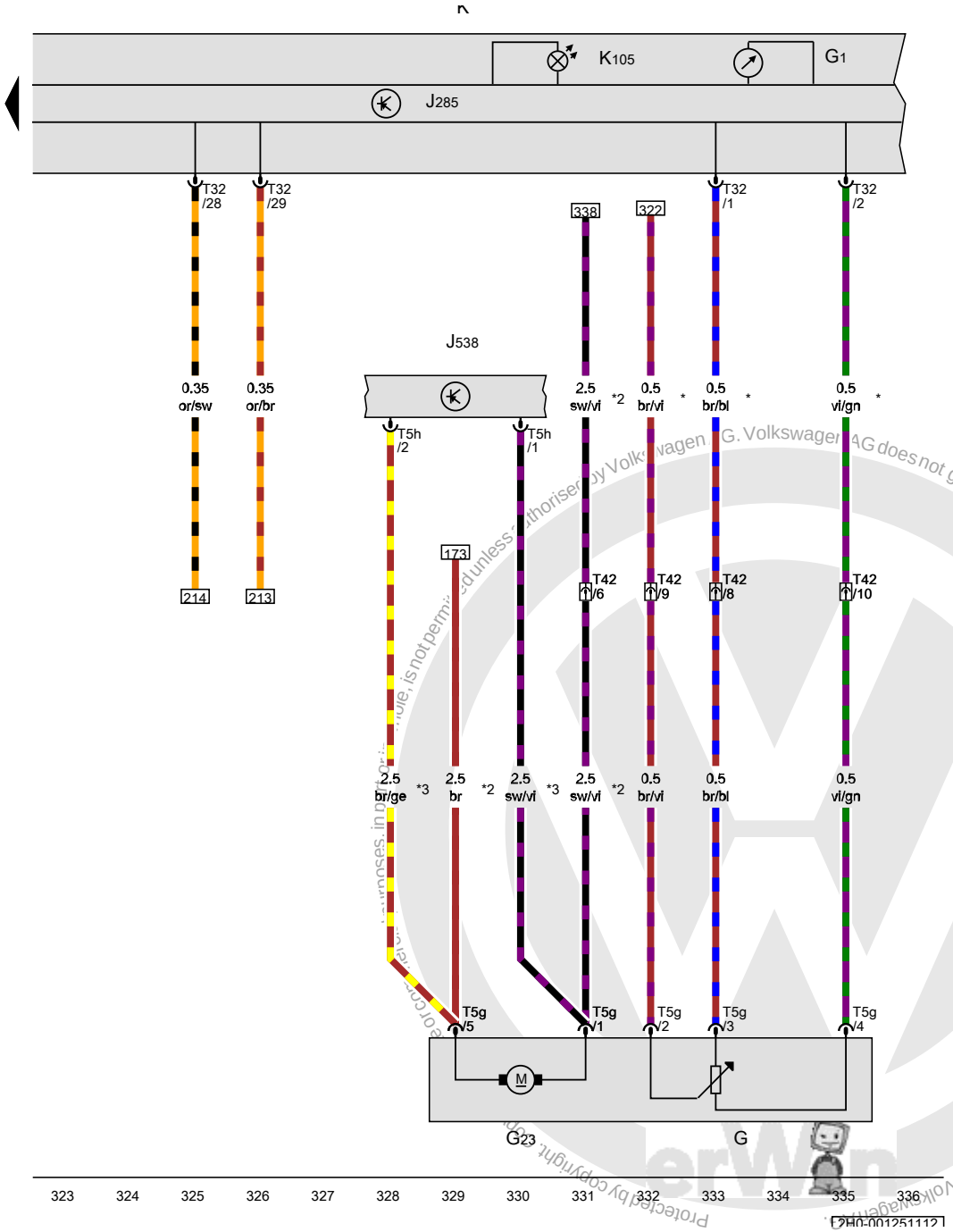

Fuel gauge, Fuel pump, Fuel pump control unit, Dash panel insert, Reserve fuel warning lamp

G	Fuel gauge sender
G1	Fuel gauge
G23	Fuel pump
J285	Control unit in dash panel insert
J538	Fuel pump control unit
K	Dash panel insert
K105	Reserve fuel warning lamp
T5g	5-pin connector
T5h	5-pin connector
T32	32-pin connector
T42	42-pin connector, near handbrake lever
*	see applicable current flow diagram for engine
*2	Only models with diesel engine
*3	Only models with petrol engine

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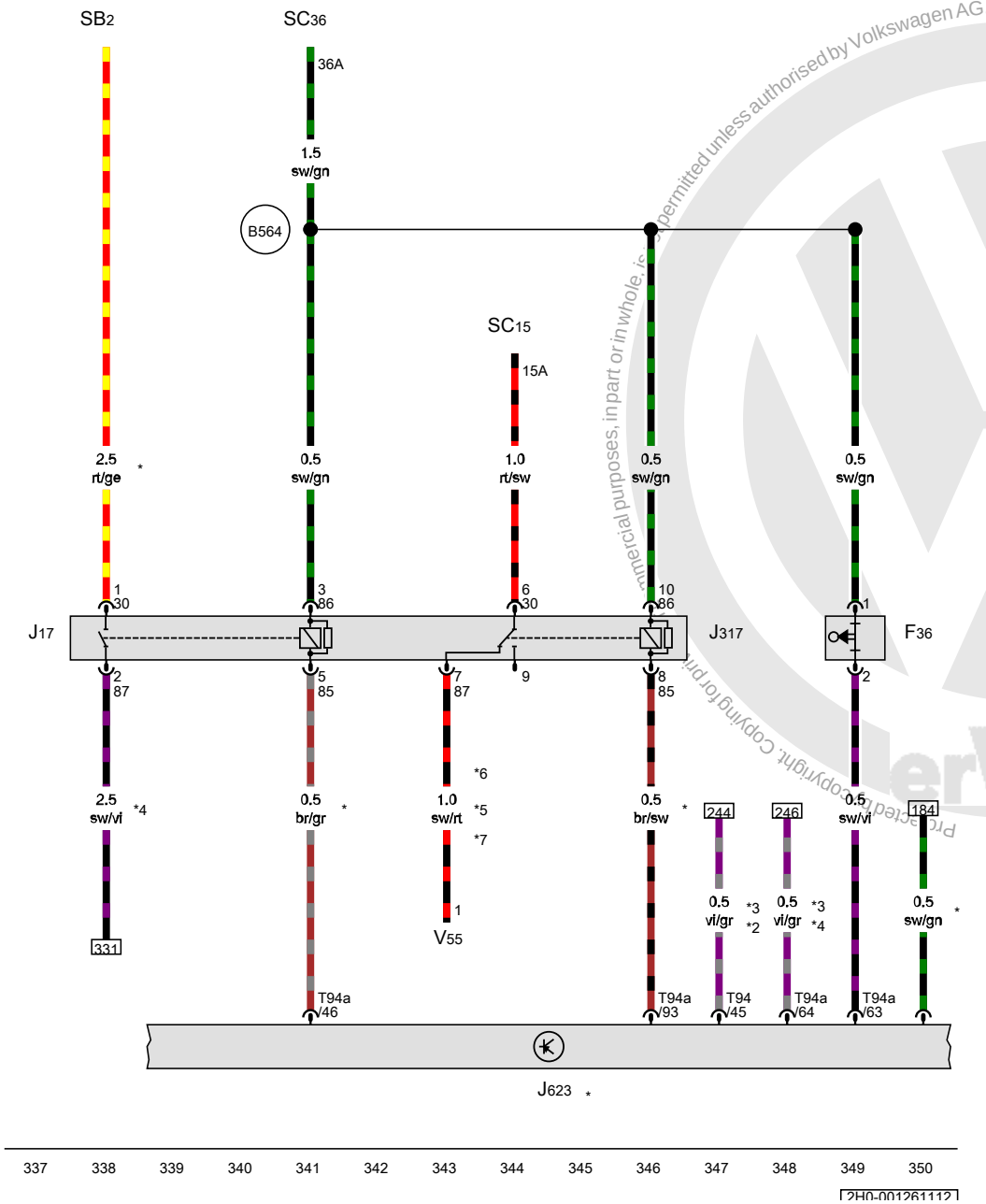
Clutch pedal switch, Fuel pump relay, Terminal 30 voltage supply relay, Engine control unit

F36	Clutch pedal switch
J17	Fuel pump relay
J317	Terminal 30 voltage supply relay
J623	Engine control unit
SB2	Fuse 2 on fuse holder B
SC15	Fuse 15 on fuse holder C
SC36	Fuse 36 on fuse holder C
T94	94-pin connector
T94a	94-pin connector
V55	Circulation pump
B564	Connection 31, in main wiring harness
*	see applicable current flow diagram for engine
*2	Only models with petrol engine
*3	Only models with cruise control system (CCS)
*4	Only models with diesel engine
*5	Only models with no air conditioning system/Climatronic
*6	see applicable current flow diagram for air conditioning
*7	see applicable current flow diagram for automatic air conditioning system



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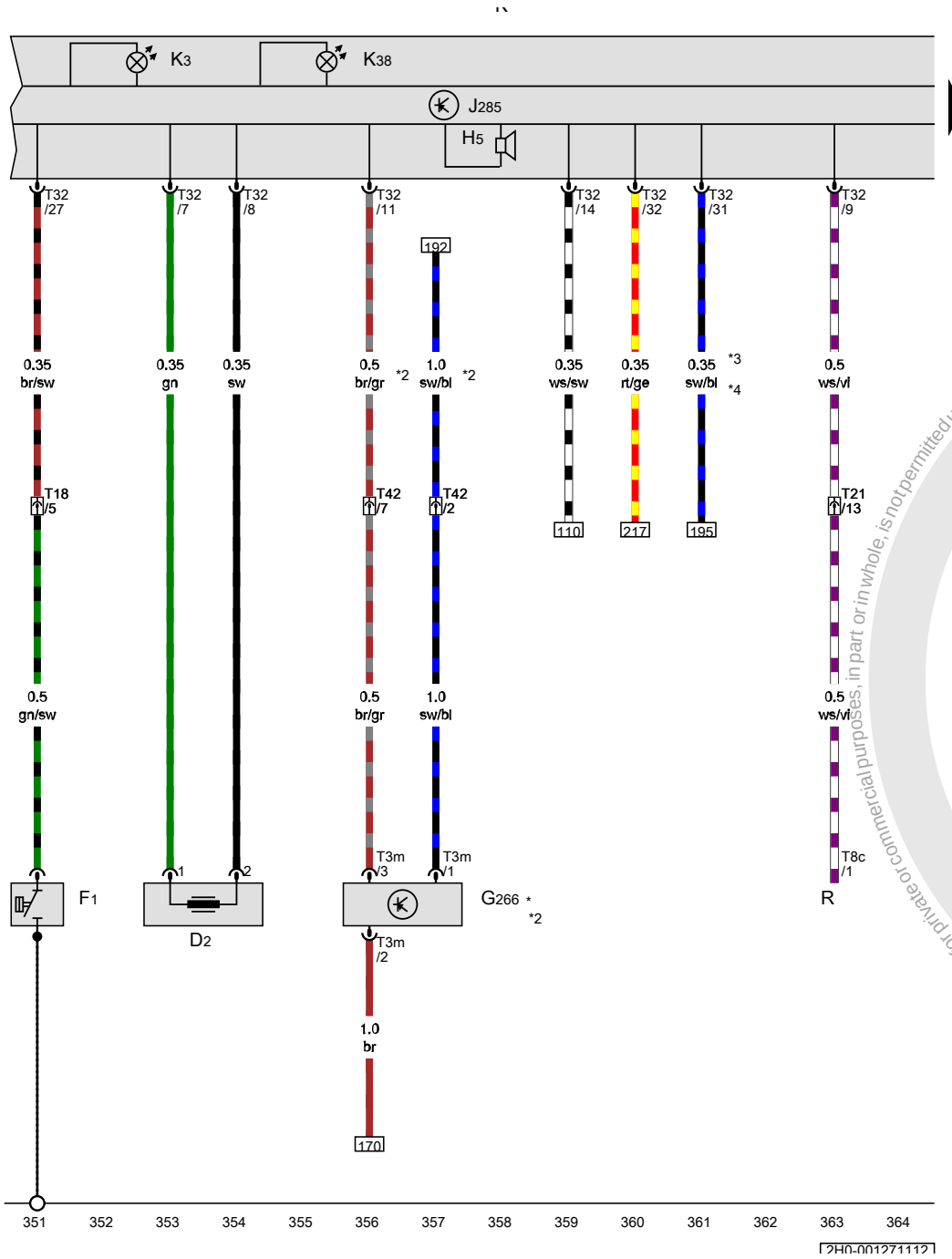

Immobiliser reader coil, Oil pressure switch, Oil level and oil temperature sender, Ignition and starter key warning system buzzer and gong, Dash panel insert, Oil pressure warning lamp, Oil level warning lamp, Radio

D2	Immobiliser reader coil, on ignition/starter switch
F1	Oil pressure switch
G266	Oil level and oil temperature sender
H5	Ignition and starter key warning system buzzer and gong
J285	Control unit in dash panel insert
K	Dash panel insert
K3	Oil pressure warning lamp
K38	Oil level warning lamp
R	Radio
T3m	3-pin connector
T8c	8-pin connector
T18	18-pin connector, near engine control unit
T21	21-pin connector, on heater and air conditioner unit, front passenger footwell
T32	32-pin connector
T42	42-pin connector, near handbrake lever
*	see applicable current flow diagram for engine
*2	Only models with Euro 5 emission standard
*3	Country specific
*4	If fitted

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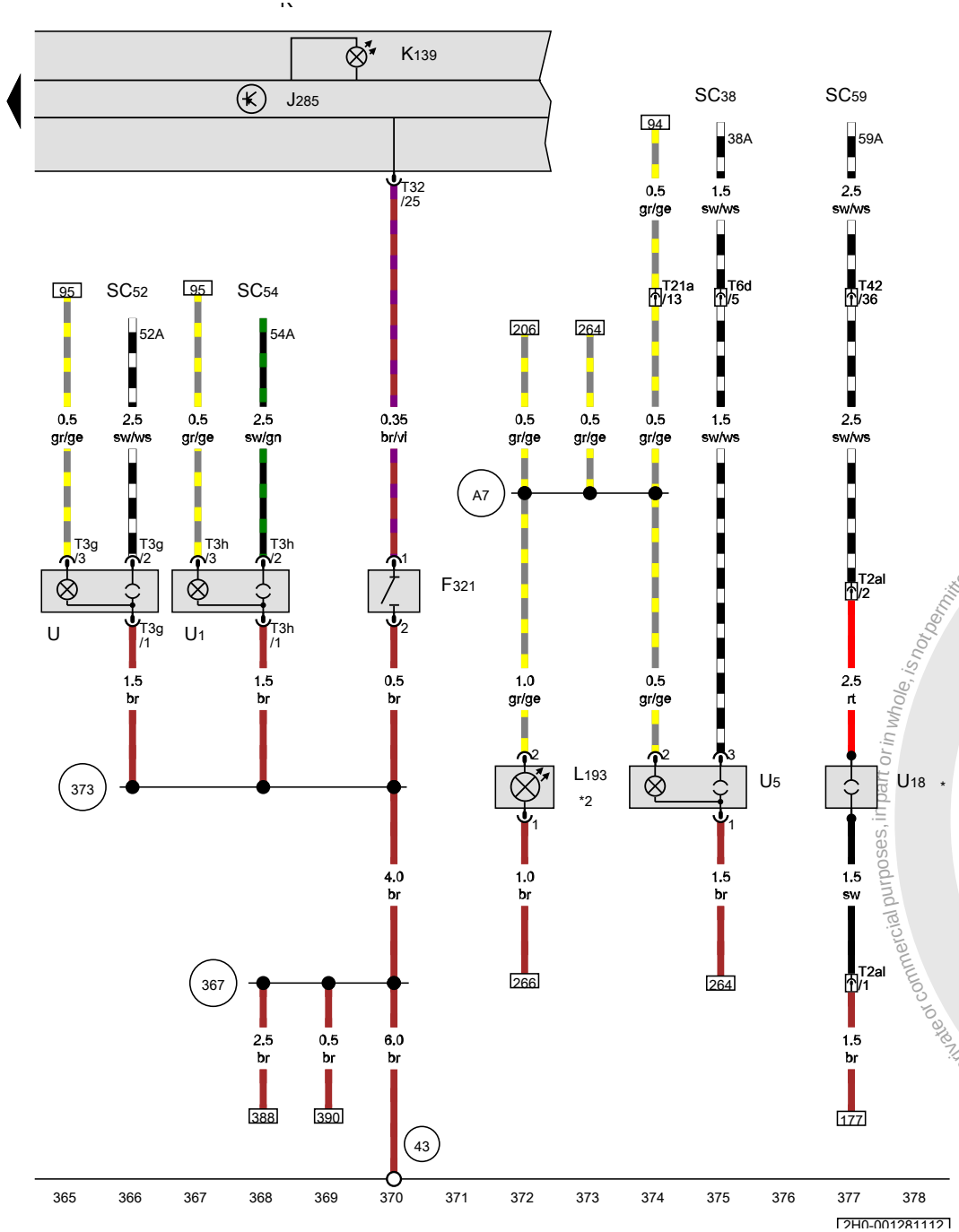

Parking brake contact switch, Dash panel insert, Handbrake warning lamp, Light 1 for front centre console background lighting, Electric socket, Cigarette lighter, 12 V socket, 12 V socket 2

F321	Parking brake contact switch
J285	Control unit in dash panel insert
K	Dash panel insert
K139	Handbrake warning lamp
L193	Light 1 for front centre console background lighting
SC38	Fuse 38 on fuse holder C
SC52	Fuse 52 on fuse holder C
SC54	Fuse 54 on fuse holder C
SC59	Fuse 59 on fuse holder C
T2al	2-pin connector, Interface for rear left socket, on wheel housing
T3g	3-pin connector
T3h	3-pin connector
T6d	6-pin connector, on relay carrier
T21a	21-pin connector, on relay carrier
T32	32-pin connector
T42	42-pin connector, near handbrake lever
U	Electric socket
U1	Cigarette lighter
U5	12 V socket
U18	12 V socket 2
43	Earth point, lower part of right A-pillar
367	Earth connection 2, in main wiring harness
373	Earth connection 8, in main wiring harness
A7	Positive connection (58 D1), in dash panel wiring harness
*	Special equipment
*2	Only models with Highline equipment
*3	Only models with multifunction display

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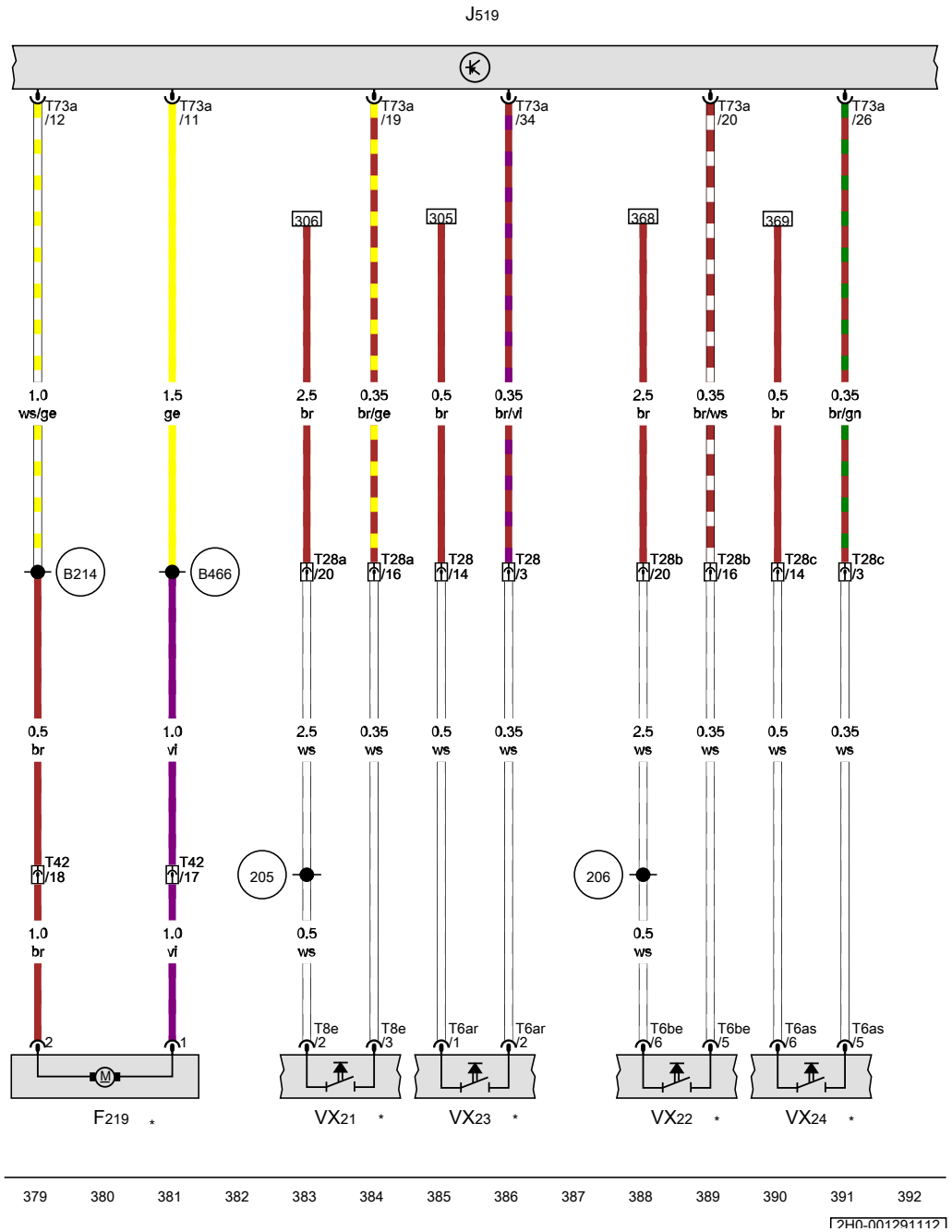

Fuel tank filler flap central locking actuator, Onboard supply control unit, Driver door lock unit, Front passenger door lock unit, Rear left door lock unit, Rear right door lock unit

F219	Fuel tank filler flap central locking actuator
J519	Onboard supply control unit
T6ar	6-pin connector
T6as	6-pin connector
T6be	6-pin connector
T8e	8-pin connector
T28	28-pin connector, on left B-pillar
T28a	28-pin connector, on left A-pillar
T28b	28-pin connector, Right A-pillar
T28c	28-pin connector, on right B-pillar
T42	42-pin connector, near handbrake lever
T73a	73-pin connector
VX21	Driver door lock unit
VX22	Front passenger door lock unit
VX23	Rear left door lock unit
VX24	Rear right door lock unit
205	Earth connection, in driver door wiring harness
206	Earth connection, in front passenger door wiring harness
B214	Connection 1 (central locking), in interior wiring harness
B466	Connection 2, in main wiring harness
*	Only models with no central locking

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Central locking, window regulators and mirror adjustment

From December 2009

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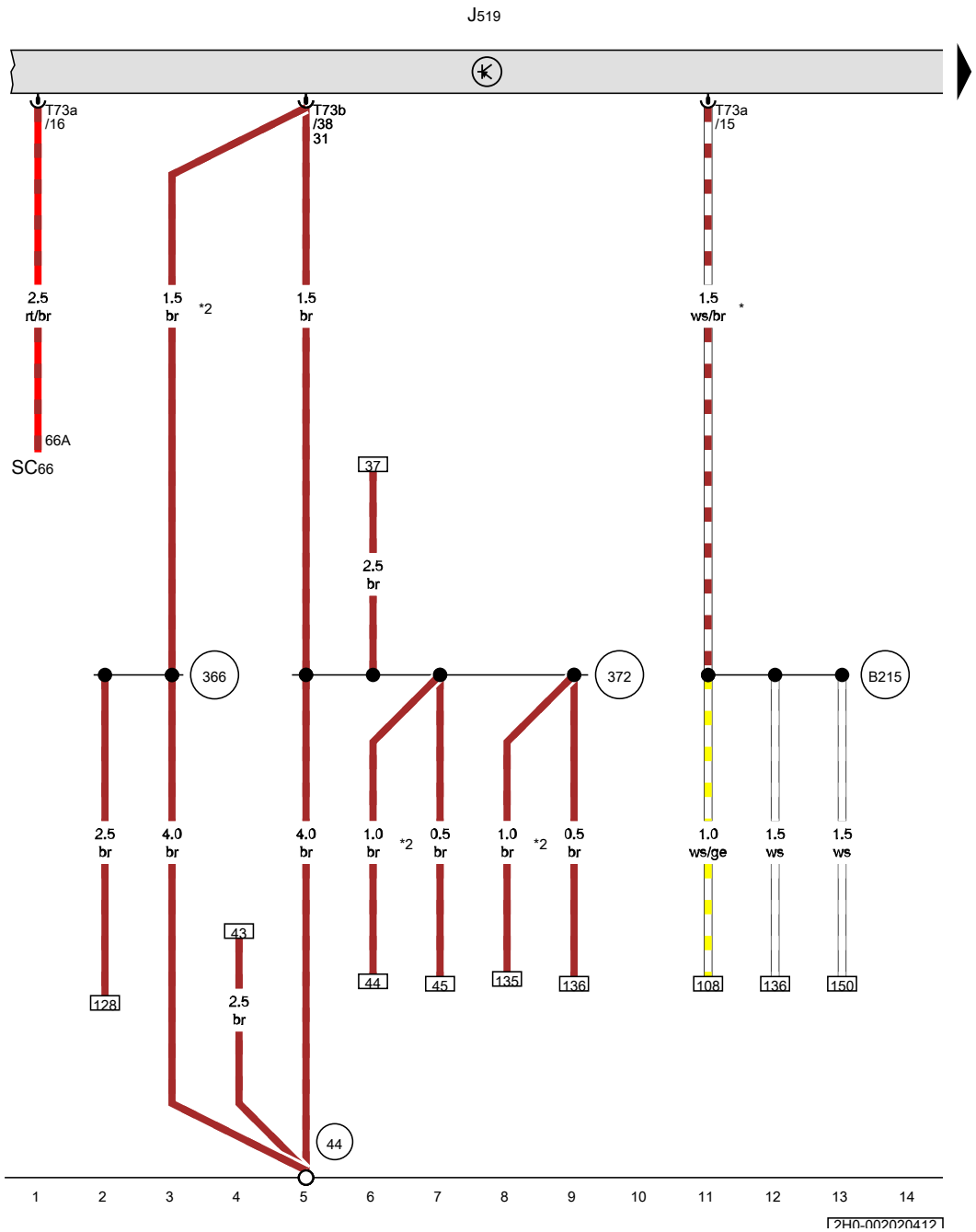

Onboard supply control unit

J519	Onboard supply control unit, near driver side A-pillar
SC66	Fuse 66 on fuse holder C
T73a	73-pin connector, black
T73b	73-pin connector
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
372	Earth connection 7, in main wiring harness
B215	Connection 2 (central locking), in interior wiring harness
*	Only models with double cab
*2	From November 2011

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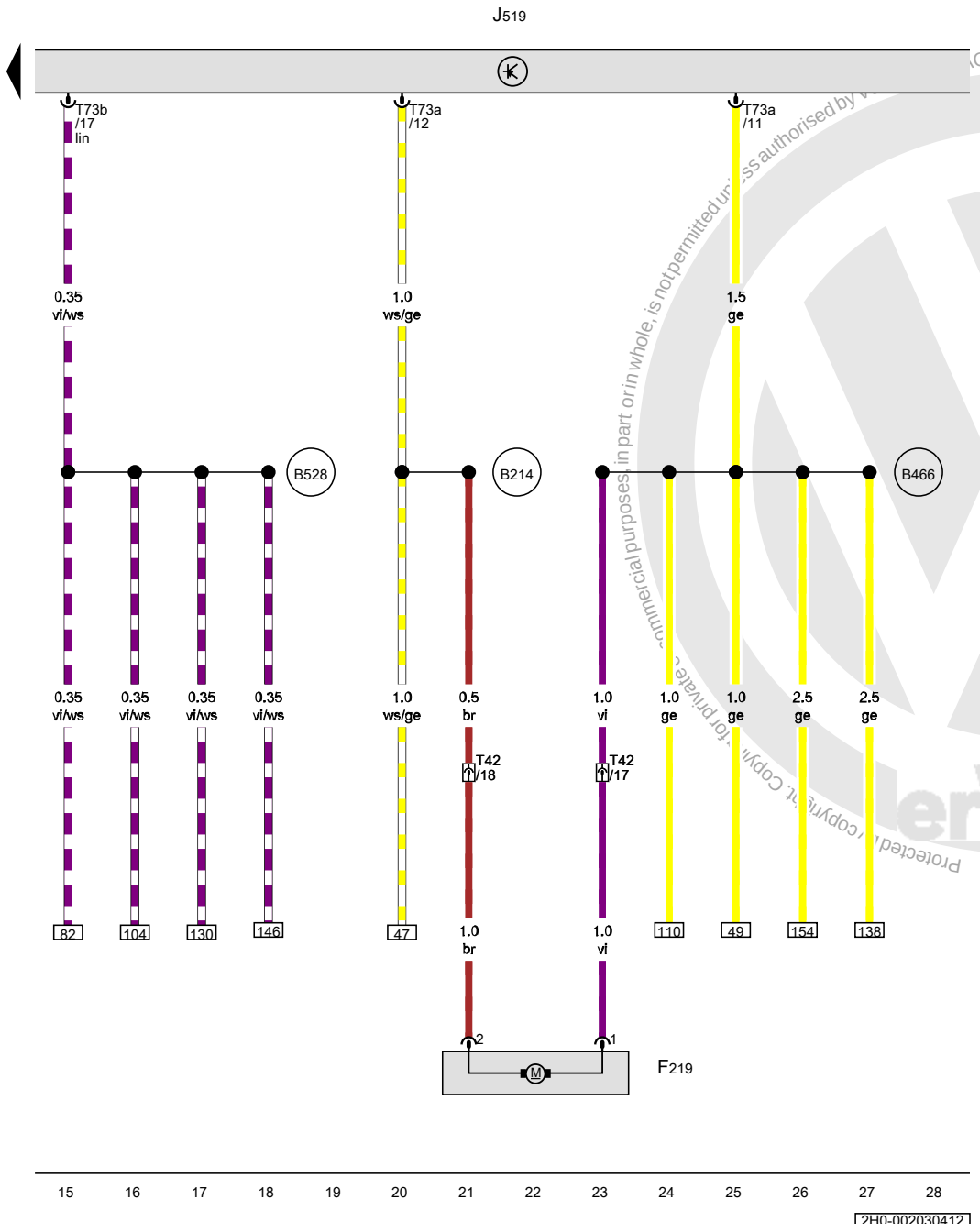

Fuel tank filler flap central locking actuator, Onboard supply control unit

F219	Fuel tank filler flap central locking actuator
J519	Onboard supply control unit, near driver side A-pillar
T42	42-pin connector, near handbrake lever
T73a	73-pin connector, black
T73b	73-pin connector
B214	Connection 1 (central locking), in interior wiring harness
B466	Connection 2, in main wiring harness
B528	Connection 1 (LIN bus) in main wiring harness

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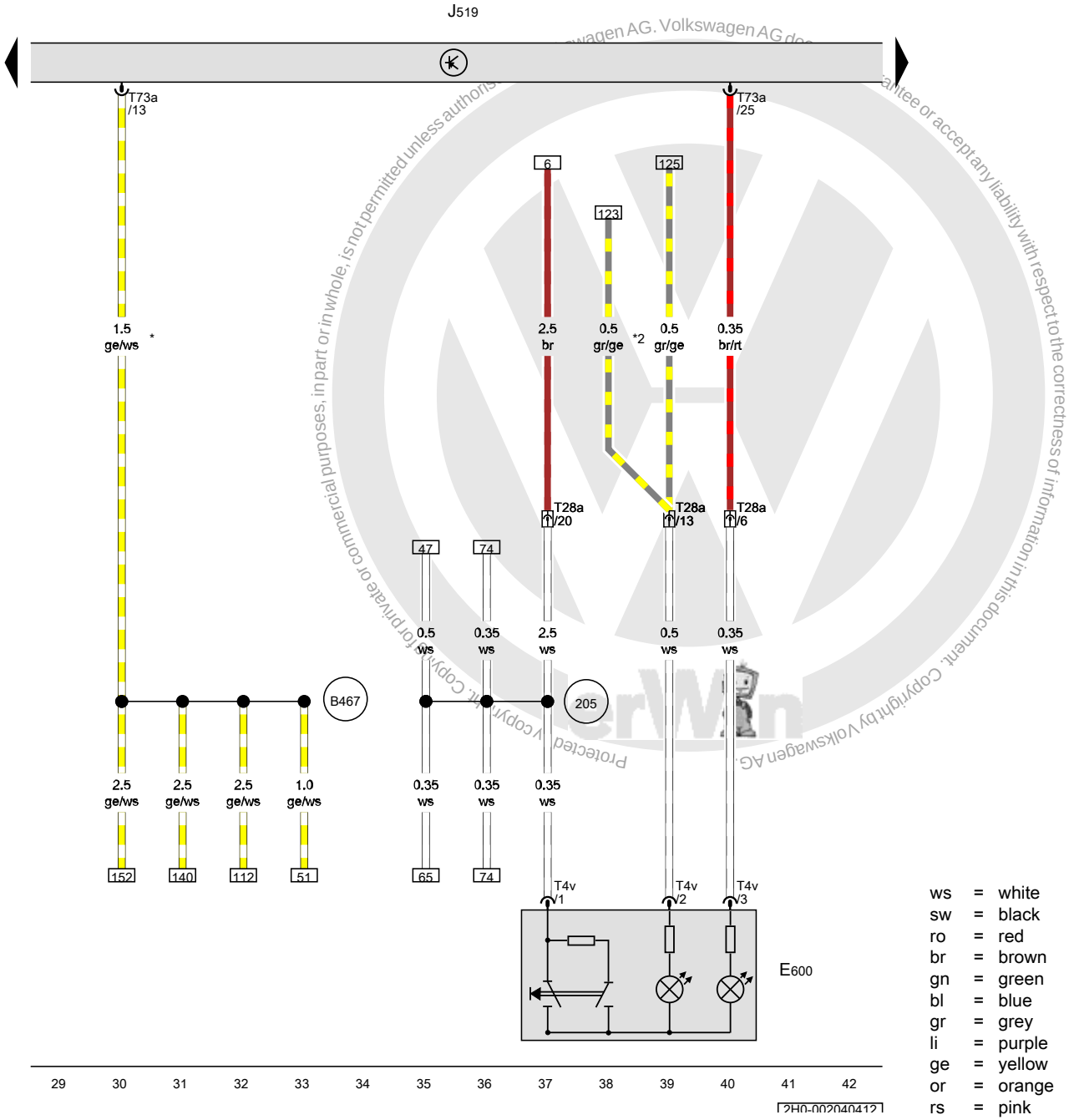

Central locking button, Onboard supply control unit

E600	Central locking button, in driver door
J519	Onboard supply control unit, near driver side A-pillar
T4v	4-pin connector, black
T28a	28-pin connector, on left A-pillar
T73a	73-pin connector, black
205	Earth connection, in driver door wiring harness
B467	Connection 3, in main wiring harness
*	Only models with double cab
*2	From November 2011

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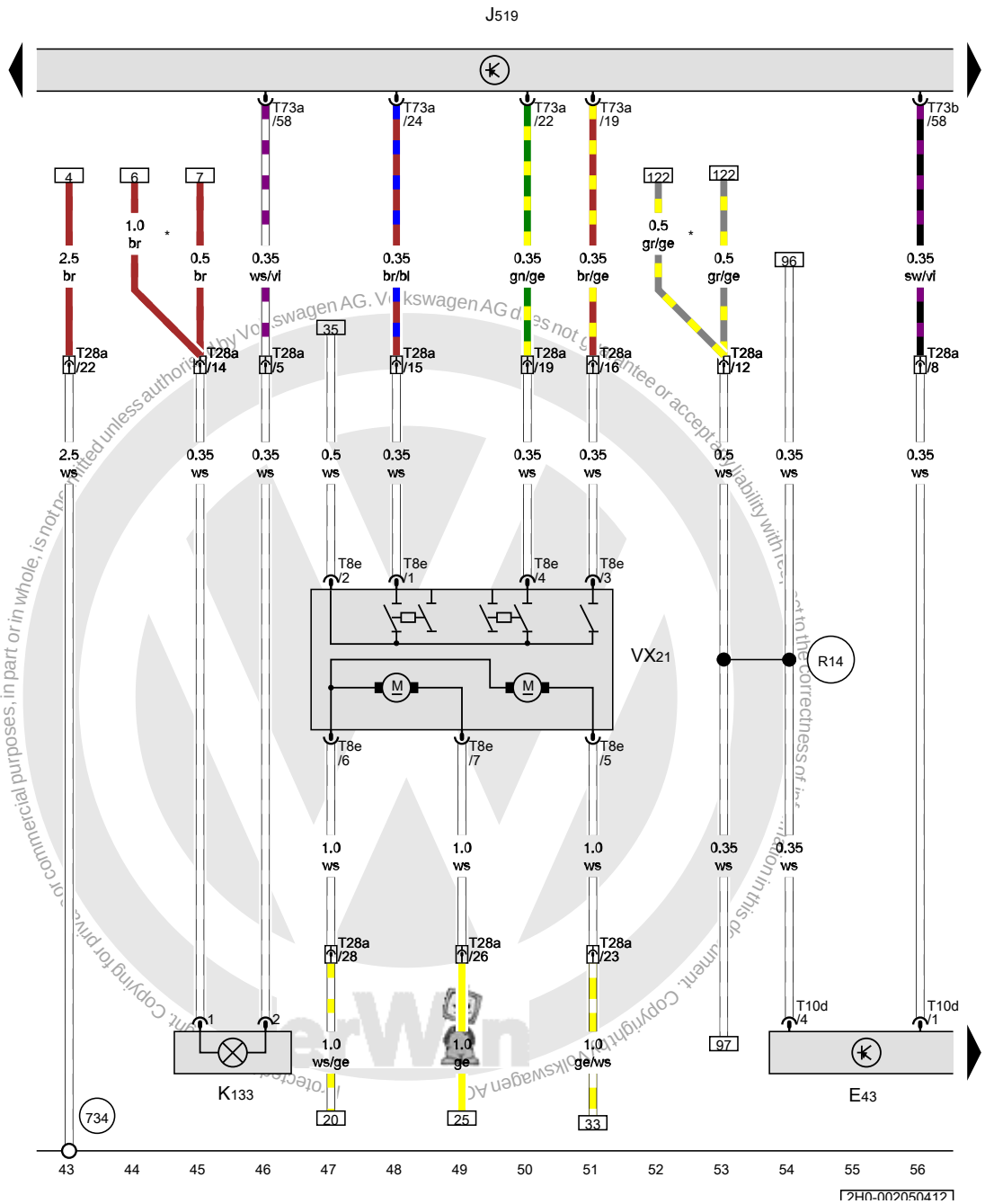

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Mirror adjustment switch, Onboard supply control unit, Central locking SAFELOCK function warning lamp, Driver door lock unit

E43	Mirror adjustment switch, in driver door
J519	Onboard supply control unit, near driver side A-pillar
K133	Central locking SAFELOCK function warning lamp
T8e	8-pin connector, black
T10d	10-pin connector, black
T28a	28-pin connector, on left A-pillar
T73a	73-pin connector, black
T73b	73-pin connector
VX21	Driver door lock unit
734	Earth point in front left door
R14	Connection 1 (open), in driver door wiring harness
*	From November 2011

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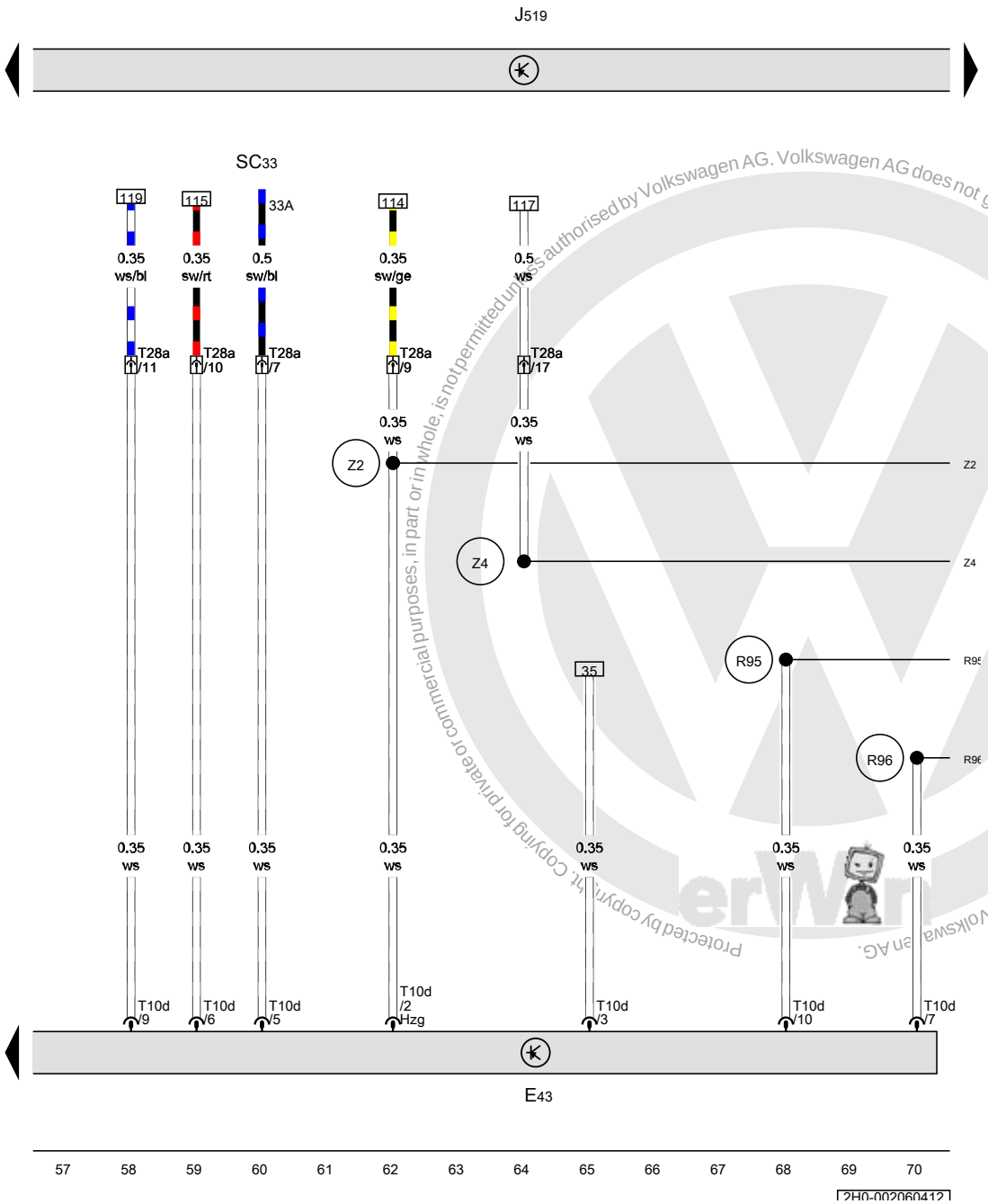

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Mirror adjustment switch, Onboard supply control unit, Fuse 33 on fuse holder C

E43	Mirror adjustment switch, in driver door
J519	Onboard supply control unit, near driver side A-pillar
SC33	Fuse 33 on fuse holder C
T10d	10-pin connector, black
T28a	28-pin connector, on left A-pillar
R95	Connection 2 in driver side door wiring harness
R96	Connection 3 in driver side door wiring harness
Z2	Connection 2, in mirror adjustment/heating wiring harness
Z4	Positive connection (15a), in mirror adjustment/heating wiring harness

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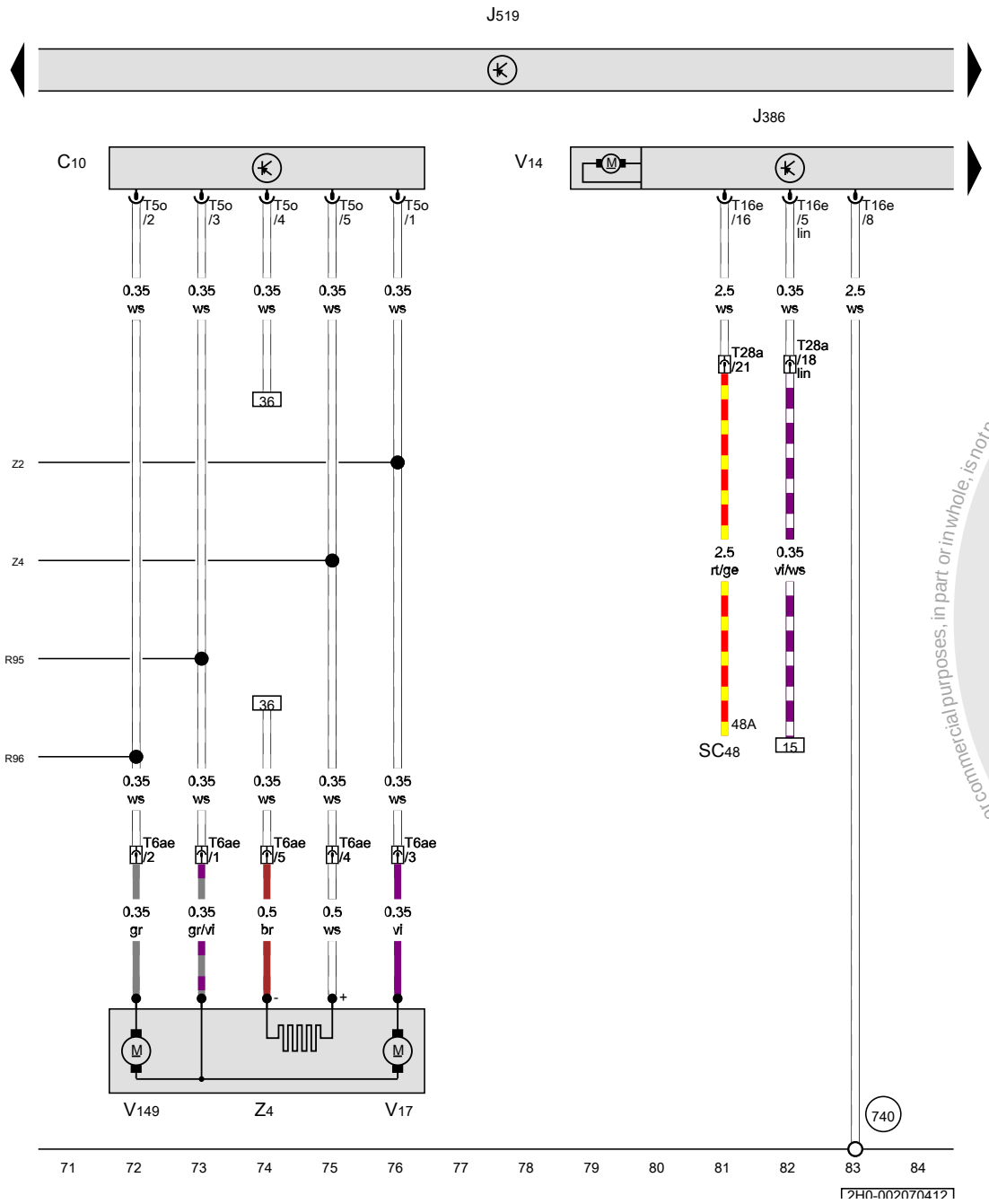

Suppression filter, Driver door control unit, Onboard supply control unit, Fuse 48 on fuse holder C, Left window regulator motor, Heated exterior mirror on driver side

C10	Suppression filter, in left door
J386	Driver door control unit
J519	Onboard supply control unit, near driver side A-pillar
SC48	Fuse 48 on fuse holder C
T5o	5-pin connector
T6ae	6-pin connector, in left door, near exterior mirror, blue
T16e	16-pin connector
T28a	28-pin connector
V14	Left window regulator motor
V17	Driver side mirror adjustment motor
V149	Driver side mirror adjustment motor
Z4	Heated exterior mirror on driver side
740	Earth point 2 in front left door
R95	Connection 2 in driver side door wiring harness
R96	Connection 3 in driver side door wiring harness
Z2	Connection 2, in mirror adjustment/heating wiring harness
Z4	Positive connection (15a), in mirror adjustment/heating wiring harness

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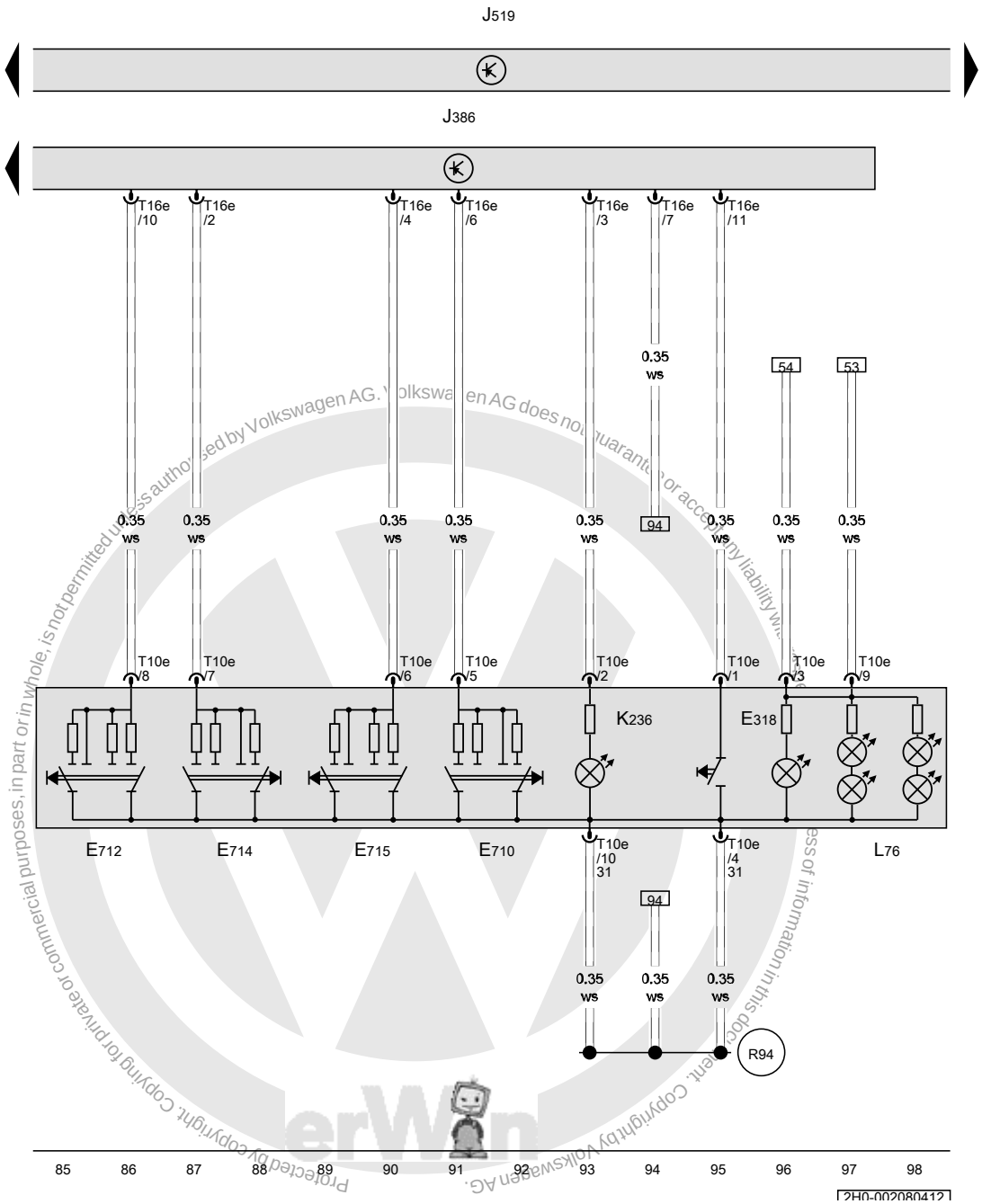

Childproof lock button, Front driver side window regulator button, Rear driver side window regulator button, in driver door, Rear passenger side window regulator button, in driver door, Front passenger side window regulator button, in driver door, Driver door control unit, Onboard supply control unit, Button illumination bulb

E318	Childproof lock button
E710	Front driver side window regulator button
E712	Rear driver side window regulator button, in driver door
E714	Rear passenger side window regulator button, in driver door
E715	Front passenger side window regulator button, in driver door
J386	Driver door control unit
J519	Onboard supply control unit, near driver side A-pillar
K236	Warning light for activated childproof lock
L76	Button illumination bulb
T10e	10-pin connector
T16e	16-pin connector, black
R94	Connection 1 in driver side door wiring harness

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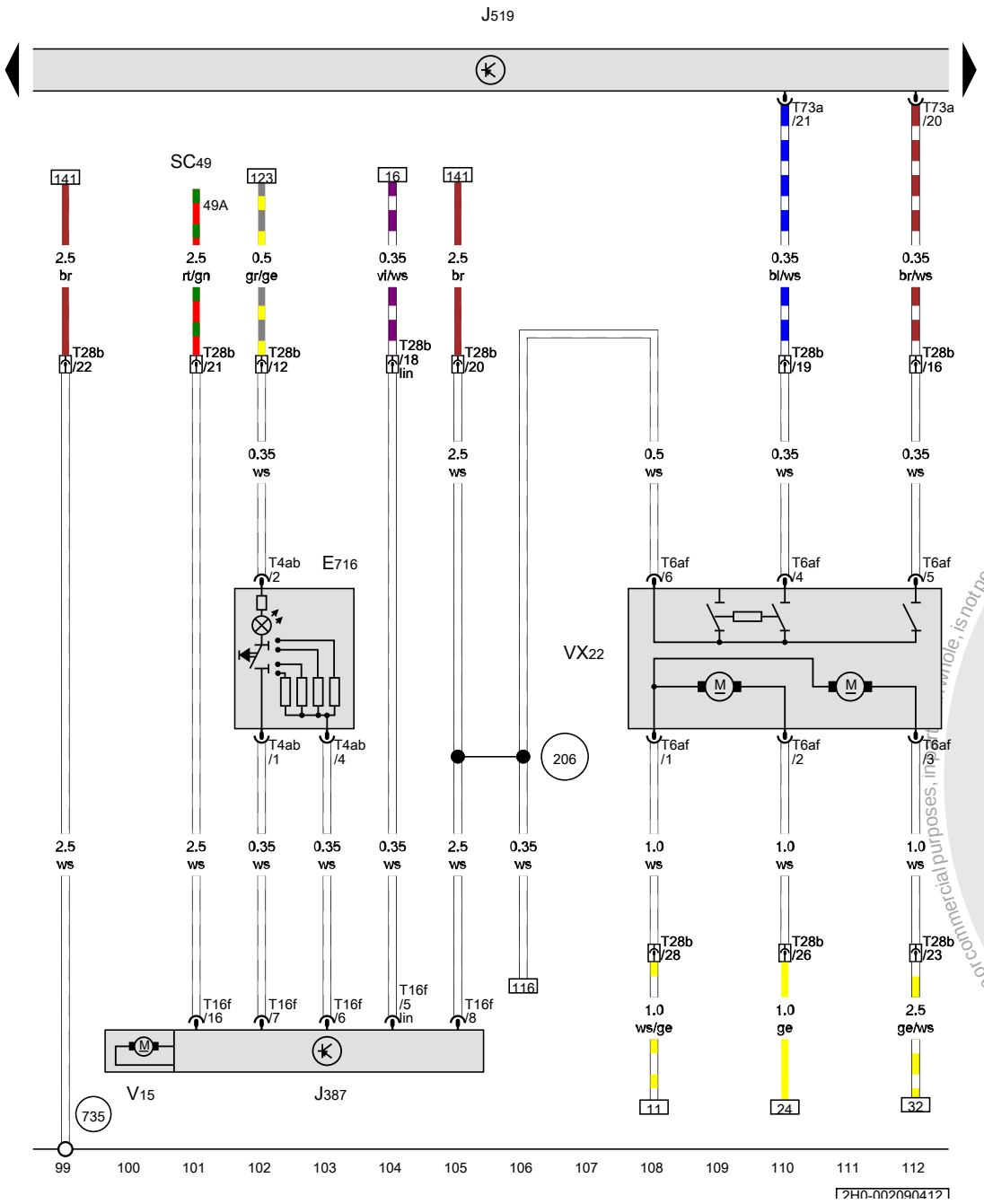

Front passenger side window regulator button, Front passenger door control unit, Onboard supply control unit, Fuse 49 on fuse holder C, Right window regulator motor, Front passenger door lock unit

E716	Front passenger side window regulator button
J387	Front passenger door control unit
J519	Onboard supply control unit, near driver side A-pillar
SC49	Fuse 49 on fuse holder C
T4ab	4-pin connector
T6af	6-pin connector
T16f	16-pin connector
T28b	28-pin connector, on right A-pillar
T73a	73-pin connector, black
V15	Right window regulator motor
VX22	Front passenger door lock unit
206	Earth connection, in front passenger door wiring harness
735	Earth point in front right door

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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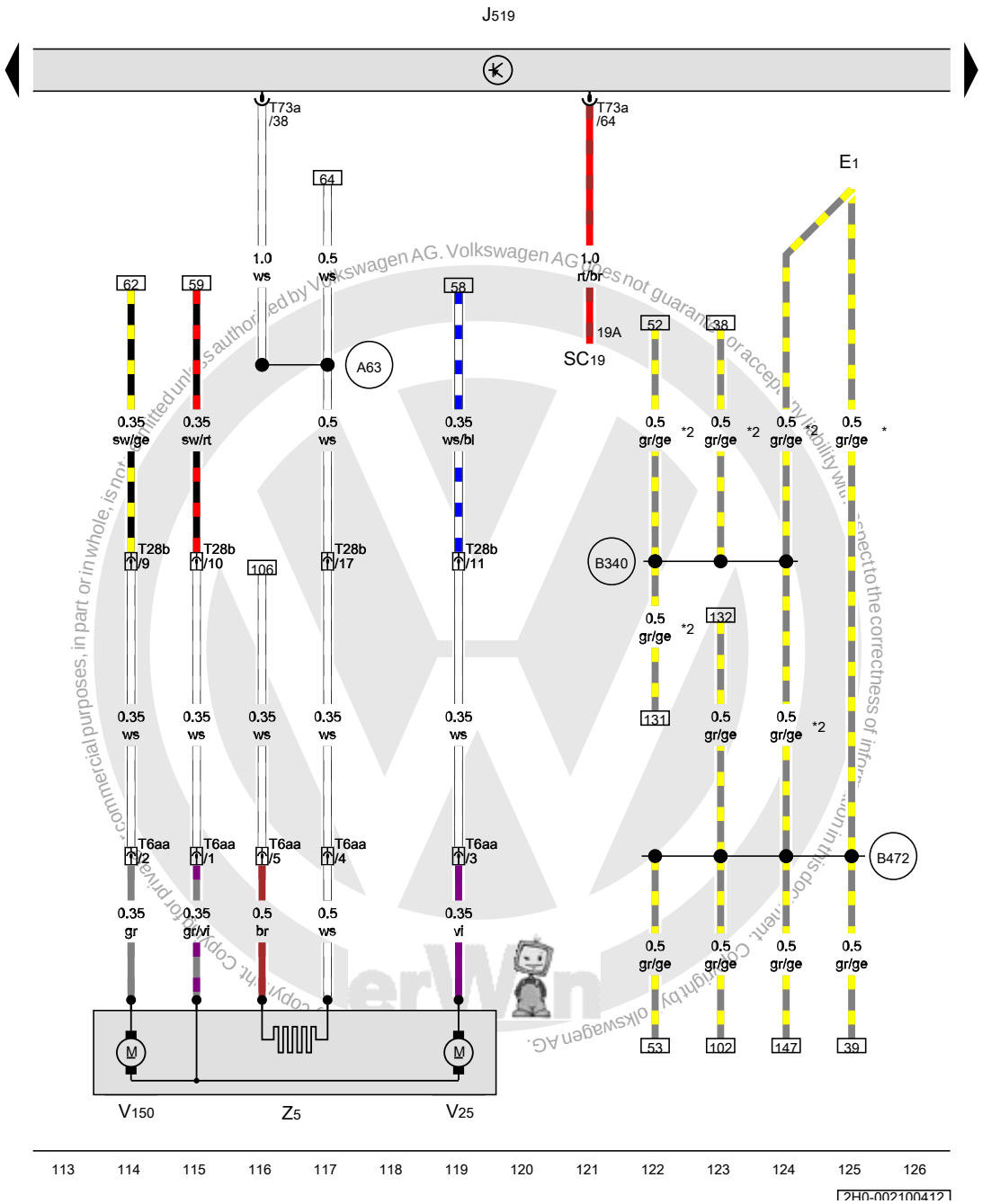

Light switch, Onboard supply control unit, Fuse 19 on fuse holder C, Heated exterior mirror on front passenger side

E1	Light switch
J519	Onboard supply control unit, near driver side A-pillar
SC19	Fuse 19 on fuse holder C
T6aa	6-pin connector, in right door, near exterior mirror, blue
T28b	28-pin connector, on right A-pillar
T73a	73-pin connector, black
V25	Front passenger side mirror adjustment motor
V150	Front passenger side mirror adjustment motor
Z5	Heated exterior mirror on front passenger side
A63	Connection (mirror adjustment/heating), in dash panel wiring harness
B340	Connection 1 (58d), in main wiring harness
B472	Connection 8, in main wiring harness
*	Up to November 2011
*2	From November 2011

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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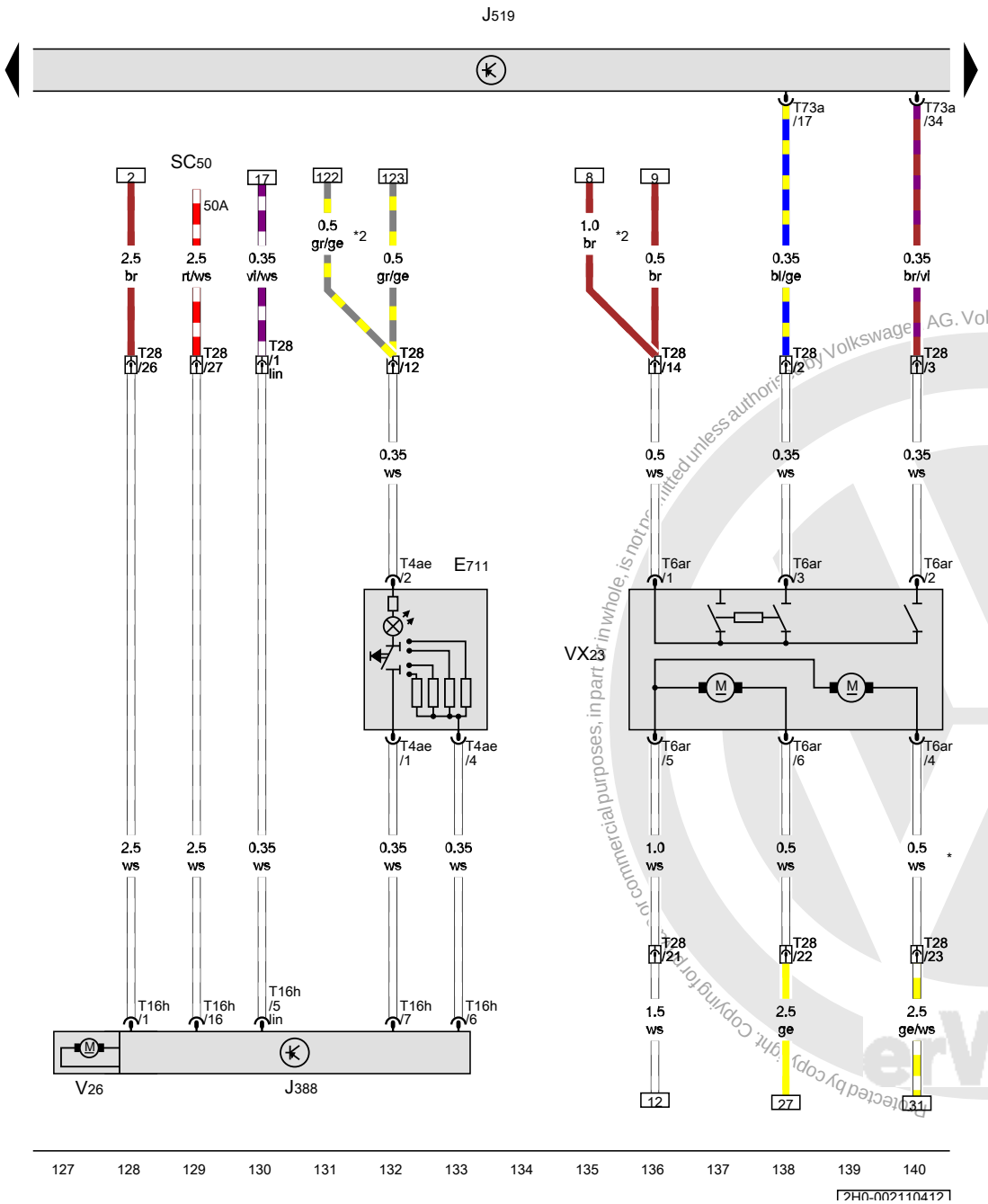

Rear driver side window regulator button, Rear left door control unit, Onboard supply control unit, Fuse 50 on fuse holder C, Rear left door lock unit, Rear left window regulator motor

E711	Rear driver side window regulator button, in rear left door
J388	Rear left door control unit
J519	Onboard supply control unit, near driver side A-pillar
SC50	Fuse 50 on fuse holder C
T4ae	4-pin connector, black
T6ar	6-pin connector, black
T16h	16-pin connector
T28	28-pin connector, on left B-pillar
T73a	73-pin connector, black
VX23	Rear left door lock unit
V26	Rear left window regulator motor
*	Only models with SAFELOCK function
*2	From November 2011

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
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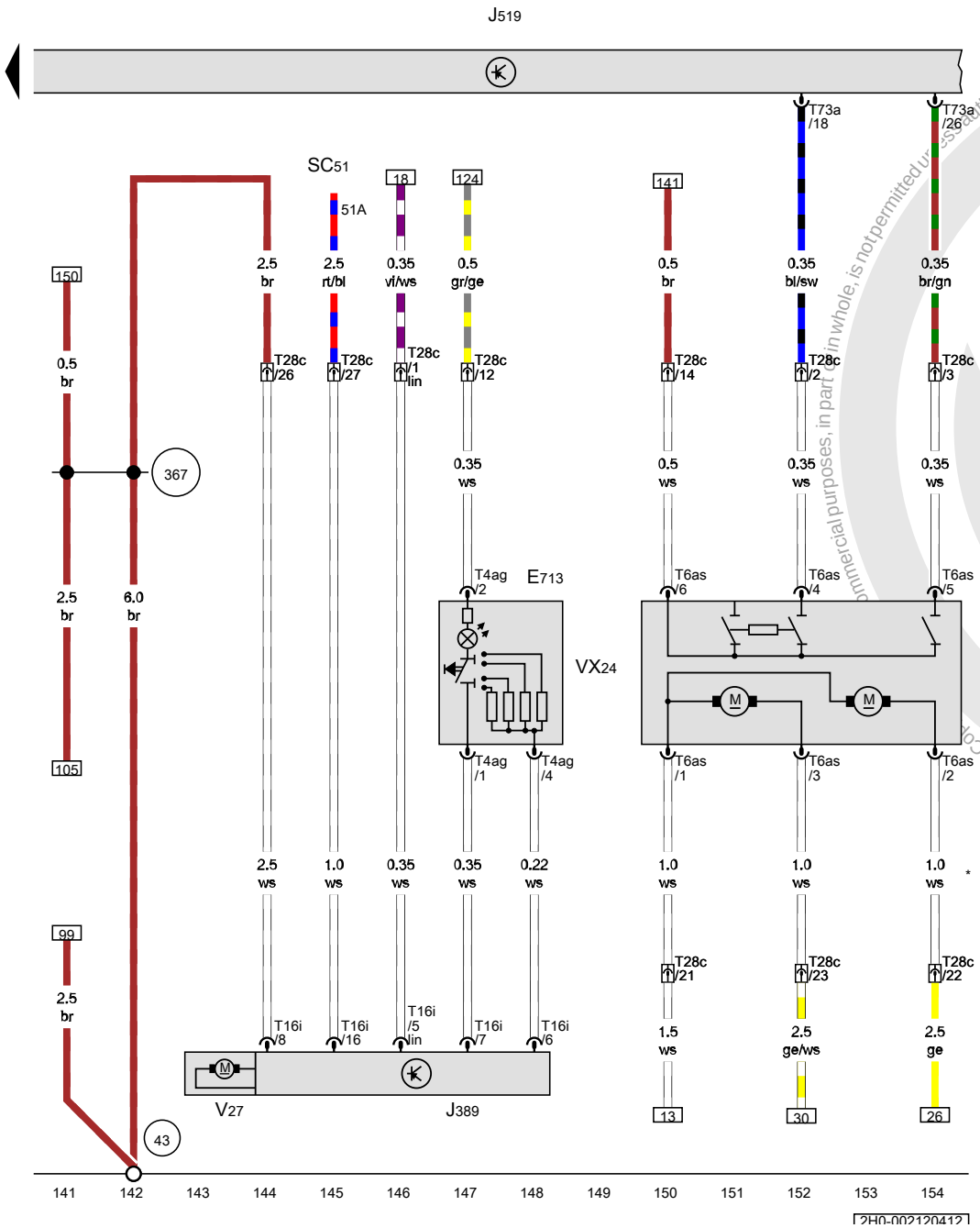

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Rear passenger side window regulator button, Rear right door control unit, Onboard supply control unit, Fuse 51 on fuse holder C, Rear right door lock unit, Rear right window regulator motor

E713	Rear passenger side window regulator button, in rear right door
J389	Rear right door control unit
J519	Onboard supply control unit, near driver side A-pillar
SC51	Fuse 51 on fuse holder C
T4ag	4-pin connector
T6as	6-pin connector, black
T16i	16-pin connector, black
T28c	28-pin connector, on right B-pillar
T73a	73-pin connector, black
VX24	Rear right door lock unit
V27	Rear right window regulator motor
43	Earth point, lower part of right A-pillar
367	Earth connection 2, in main wiring harness
*	Only models with SAFELOCK function

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Climatic

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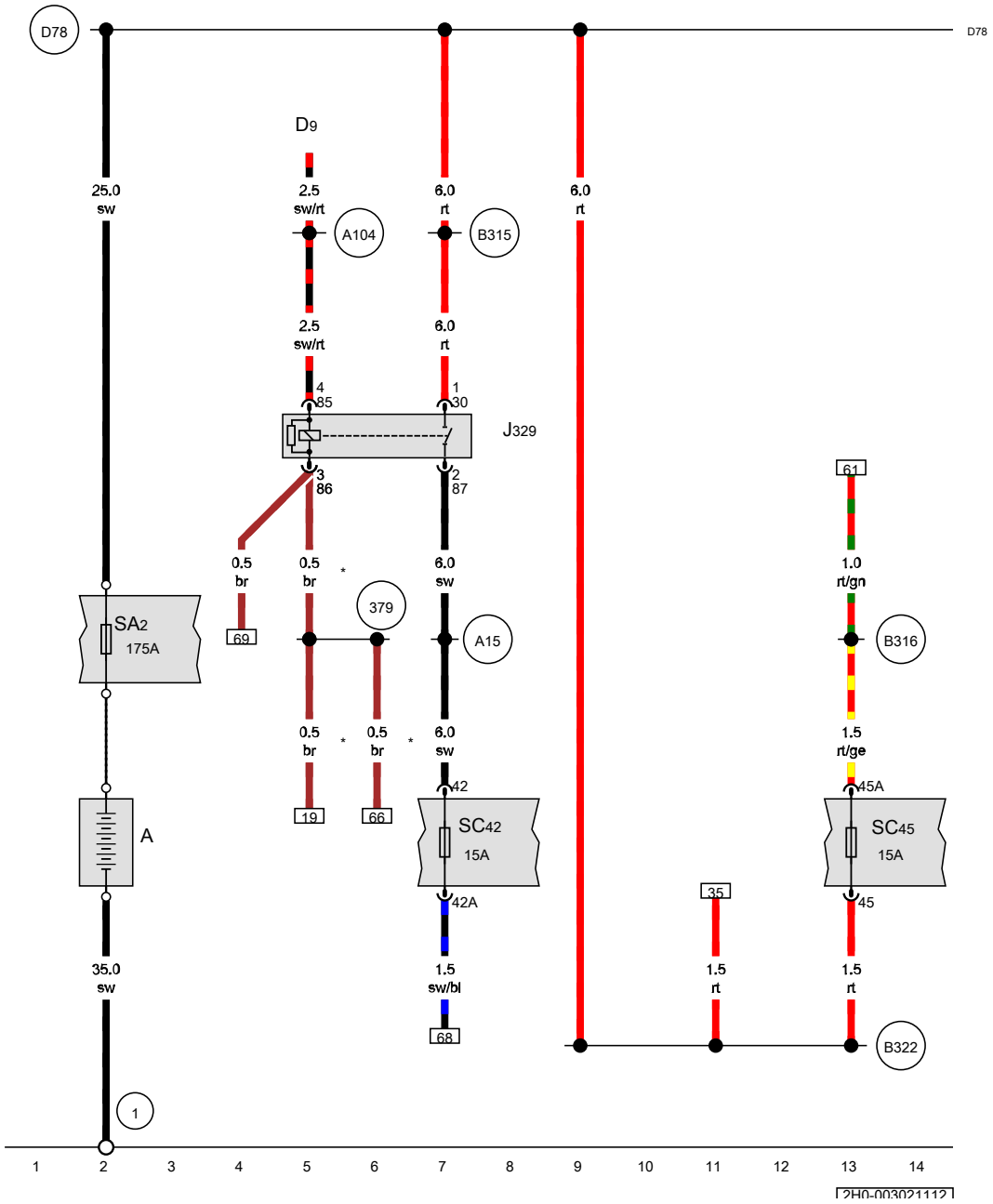
Battery, Fuse 2 in fuse holder A, Fuse 42 on fuse holder C, Fuse 45 on fuse holder C



A	Battery
D9	Electronic ignition lock
J329	Terminal 15 voltage supply relay
SA2	Fuse 2 in fuse holder A
SC42	Fuse 42 on fuse holder C
SC45	Fuse 45 on fuse holder C
1	Earth strap, battery - body
379	Earth connection 14, in main wiring harness
A15	Positive connection (15), in instrument wiring harness
A104	Positive connection 2 (15), in dash panel wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B316	Positive connection 2 (30a) in main wiring harness
B322	Positive connection 8 (30a) in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
*	From November 2011

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
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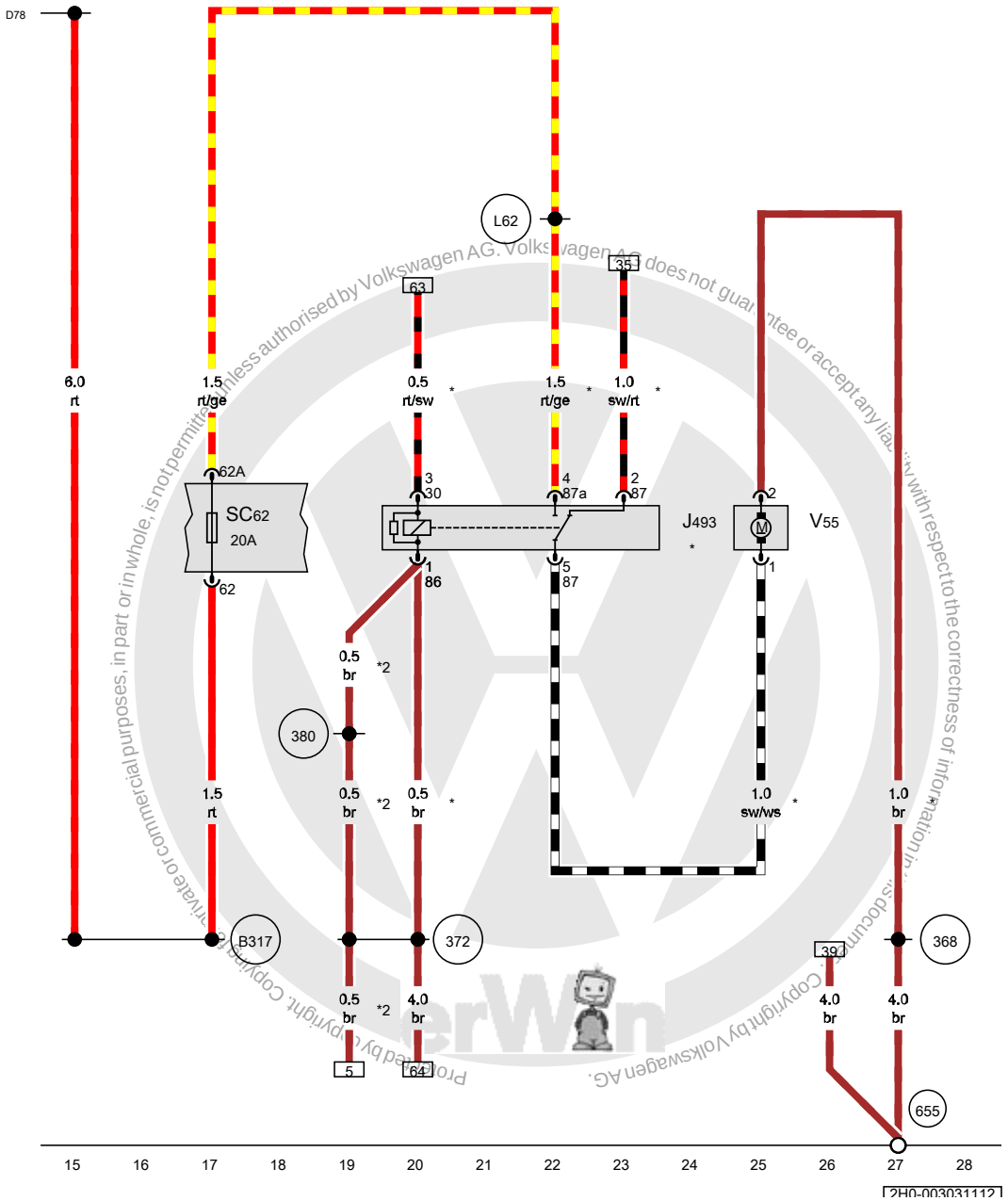

Auxiliary coolant heater relay, Fuse 62 on fuse holder C, Circulation pump

J493	Auxiliary coolant heater relay
SC62	Fuse 62 on fuse holder C
V55	Circulation pump
368	Earth connection 3, in main wiring harness
372	Earth connection 7, in main wiring harness
380	Earth connection 15, in main wiring harness
655	Earth point, on left headlight
B317	Positive connection 3 (30a) in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
L62	Positive connection (30a), in auxiliary heater wiring harness
*	Only models with diesel engine
*2	From November 2011

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
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gr	=	grey
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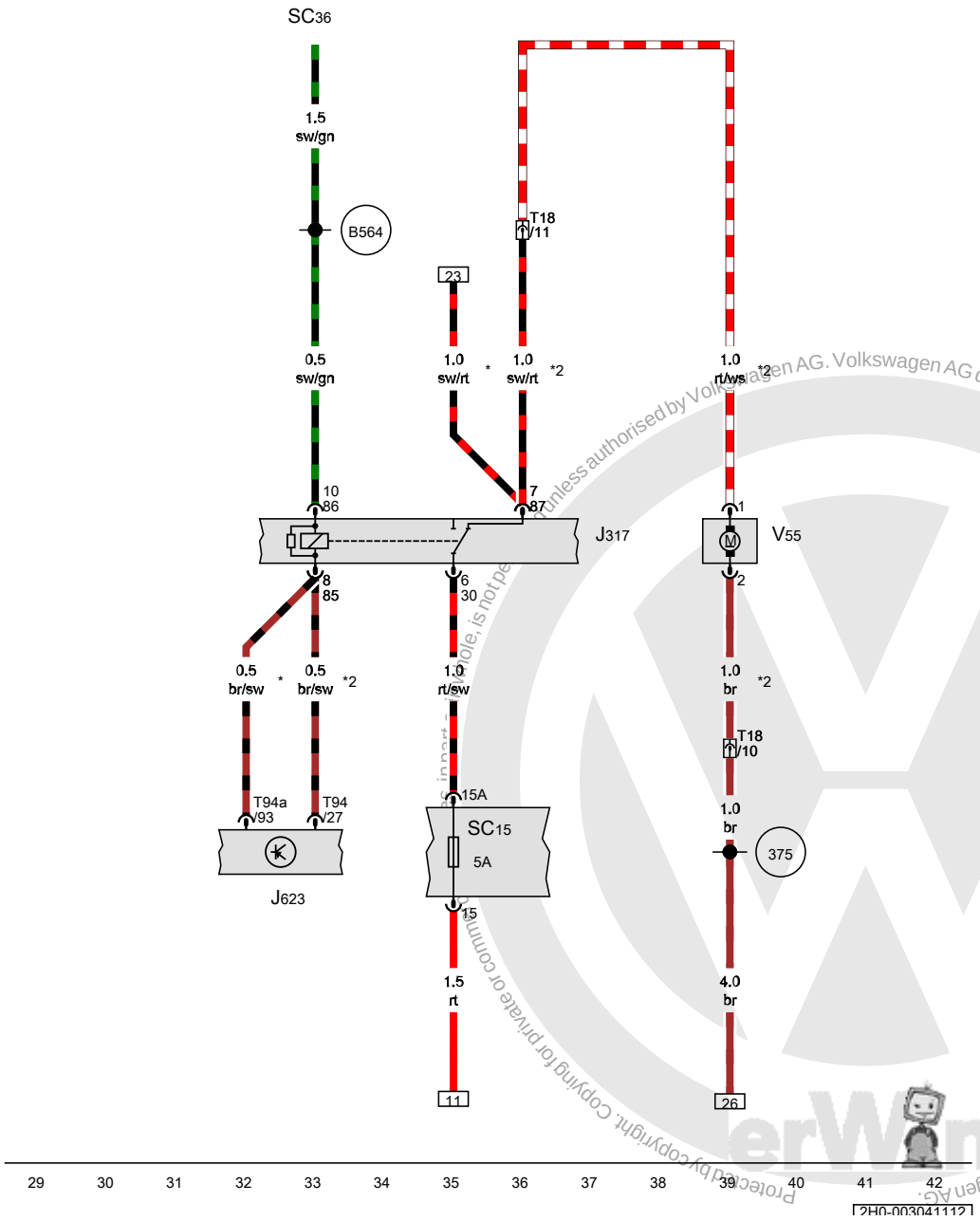
Fuse 15 on fuse holder C, Circulation pump

J317	Terminal 30 voltage supply relay
J623	Engine control unit
SC15	Fuse 15 on fuse holder C
SC36	Fuse 36 on fuse holder C
T18	18-pin connector, black
T94	94-pin connector, black
T94a	94-pin connector, black
V55	Circulation pump
375	Earth connection 10, in main wiring harness
B564	Connection 31, in main wiring harness
*	Only models with diesel engine
*2	Only models with petrol engine



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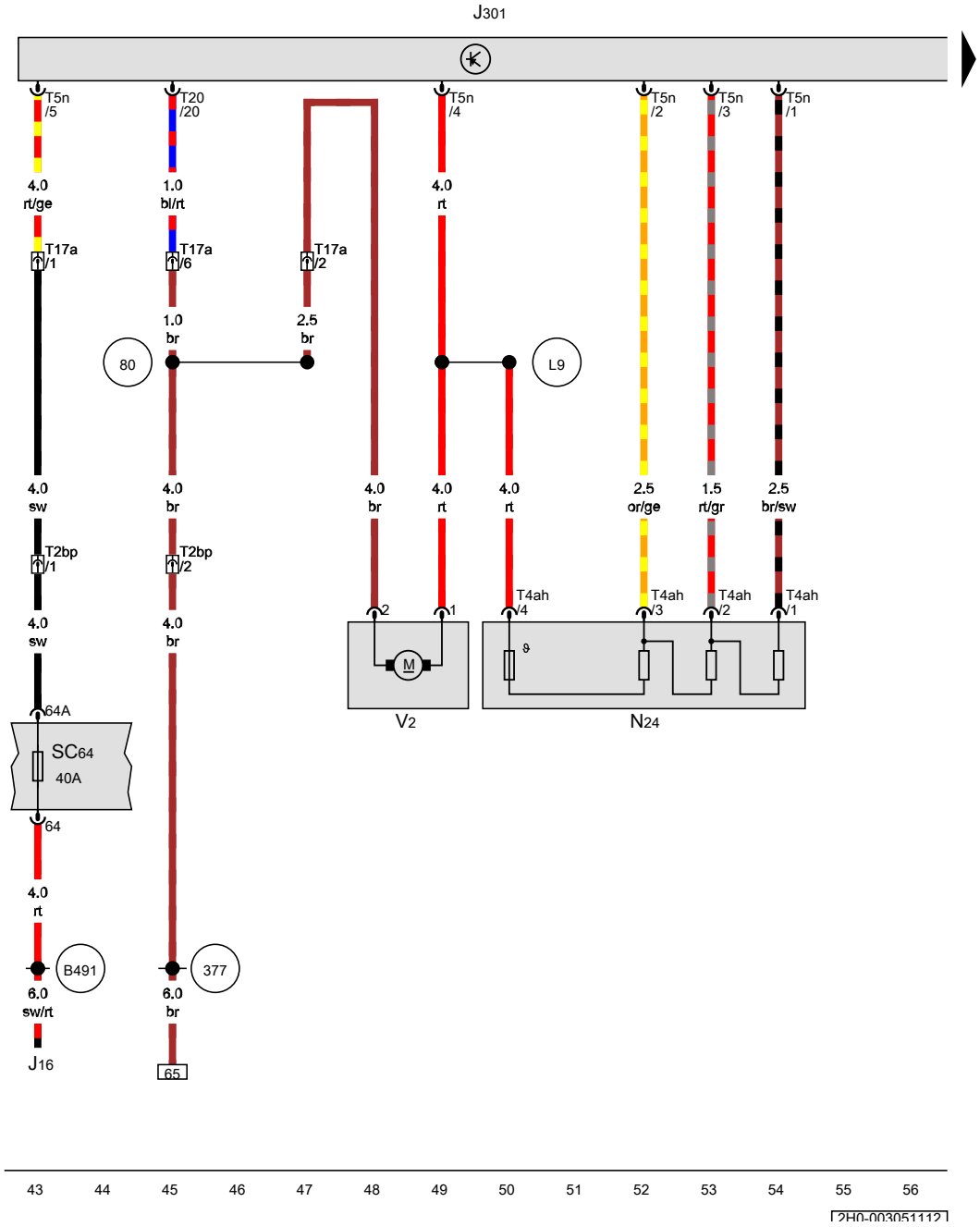

Air conditioning system control unit, Fresh air blower series resistor with overheating fuse, Fuse 64 on fuse holder C, Fresh air blower

J16	Current supply relay
J301	Air conditioning system control unit
N24	Fresh air blower series resistor with overheating fuse
SC64	Fuse 64 on fuse holder C
T2bp	2-pin connector, in front left in footwell, black
T4ah	4-pin connector
T5n	5-pin connector, black
T17a	17-pin connector, behind glove compartment, black
T20	20-pin connector, black
V2	Fresh air blower
80	Earth connection 1, in dash panel wiring harness
377	Earth connection 12, in main wiring harness
B491	Positive connection (75), in interior wiring harness
L9	Connection 1, in air conditioning system wiring harness

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sw	=	black
ro	=	red
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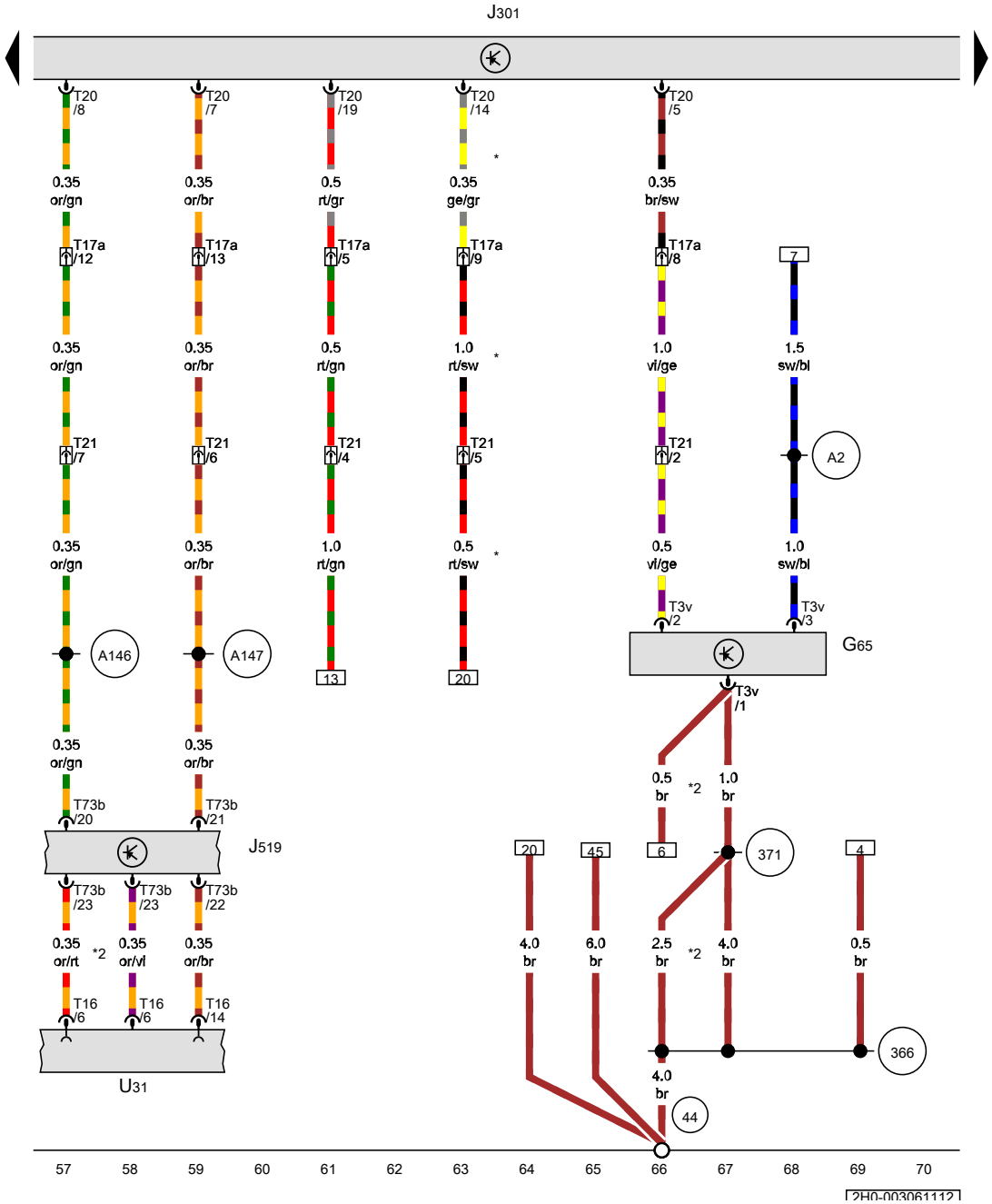

High-pressure sender, Air conditioning system control unit, Onboard supply control unit

G65	High-pressure sender
J301	Air conditioning system control unit
J519	Onboard supply control unit
T3v	3-pin connector
T16	16-pin connector, black
T17a	17-pin connector, behind glove compartment, black
T20	20-pin connector, black
T21	21-pin connector, on relay carrier, blue
T73b	73-pin connector
U31	Diagnostic connection
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
371	Earth connection 6, in main wiring harness
A2	Positive connection (15), in dash panel wiring harness
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
*	Only models with diesel engine
*2	From November 2011

ws	=	white
sw	=	black
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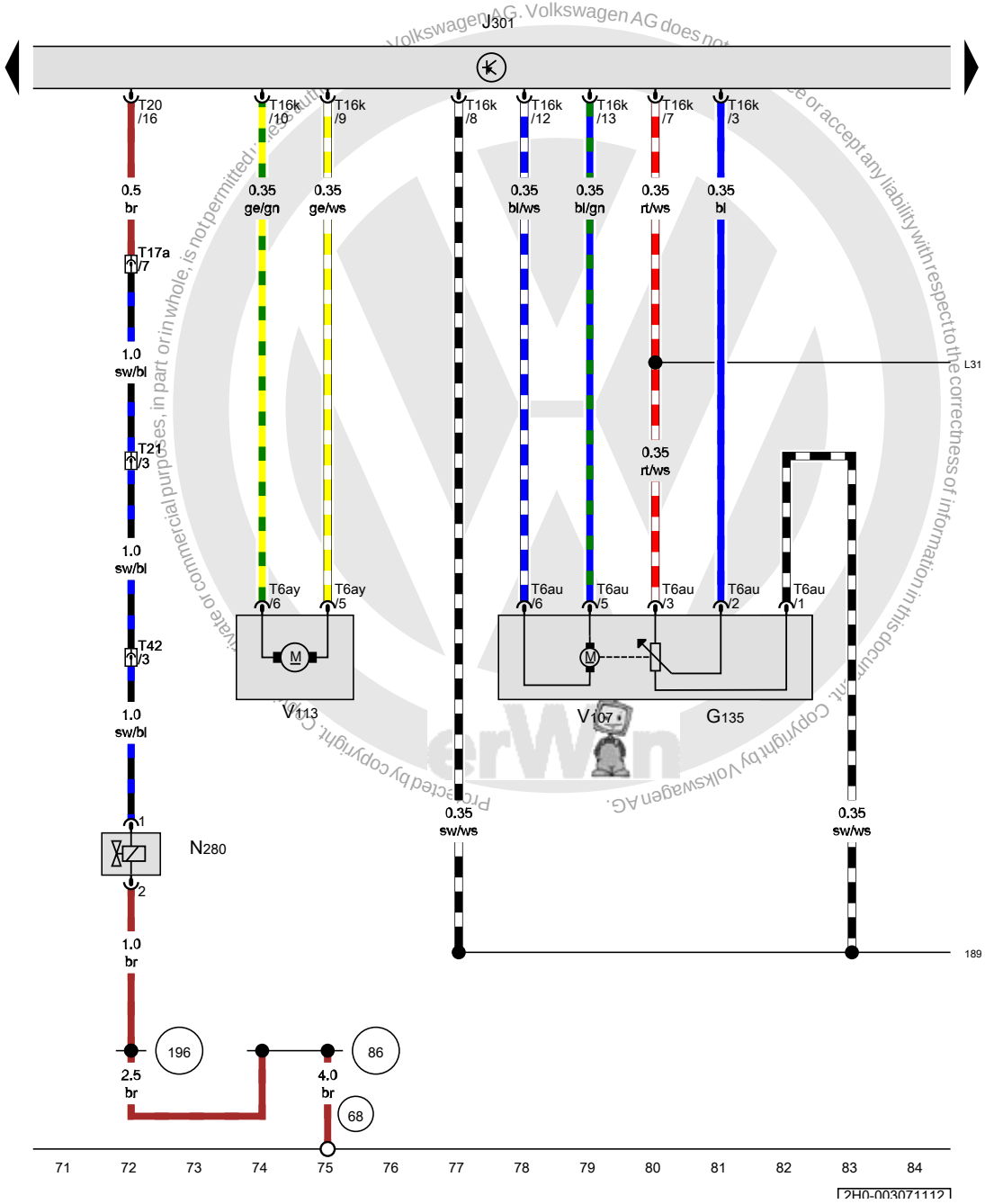

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Potentiometer for defroster flap control motor, Air conditioning system control unit, Air conditioner compressor regulating valve, Defroster flap control motor, Air recirculation flap control motor

G135	Potentiometer for defroster flap control motor
J301	Air conditioning system control unit
N280	Air conditioner compressor regulating valve
T6au	6-pin connector
T6ay	6-pin connector
T16k	16-pin connector, black
T17a	17-pin connector, behind glove compartment, black
T20	20-pin connector, black
T21	21-pin connector, on relay carrier, blue
T42	42-pin connector, near handbrake lever, black
V107	Defroster flap control motor
V113	Air recirculation flap control motor
68	Earth point, on left of rear cross member
86	Earth connection 1, in rear wiring harness
189	Earth connection 1, in heater wiring harness
196	Earth connection 3, in rear wiring harness
L31	Connection (5V), in air conditioning system wiring harness

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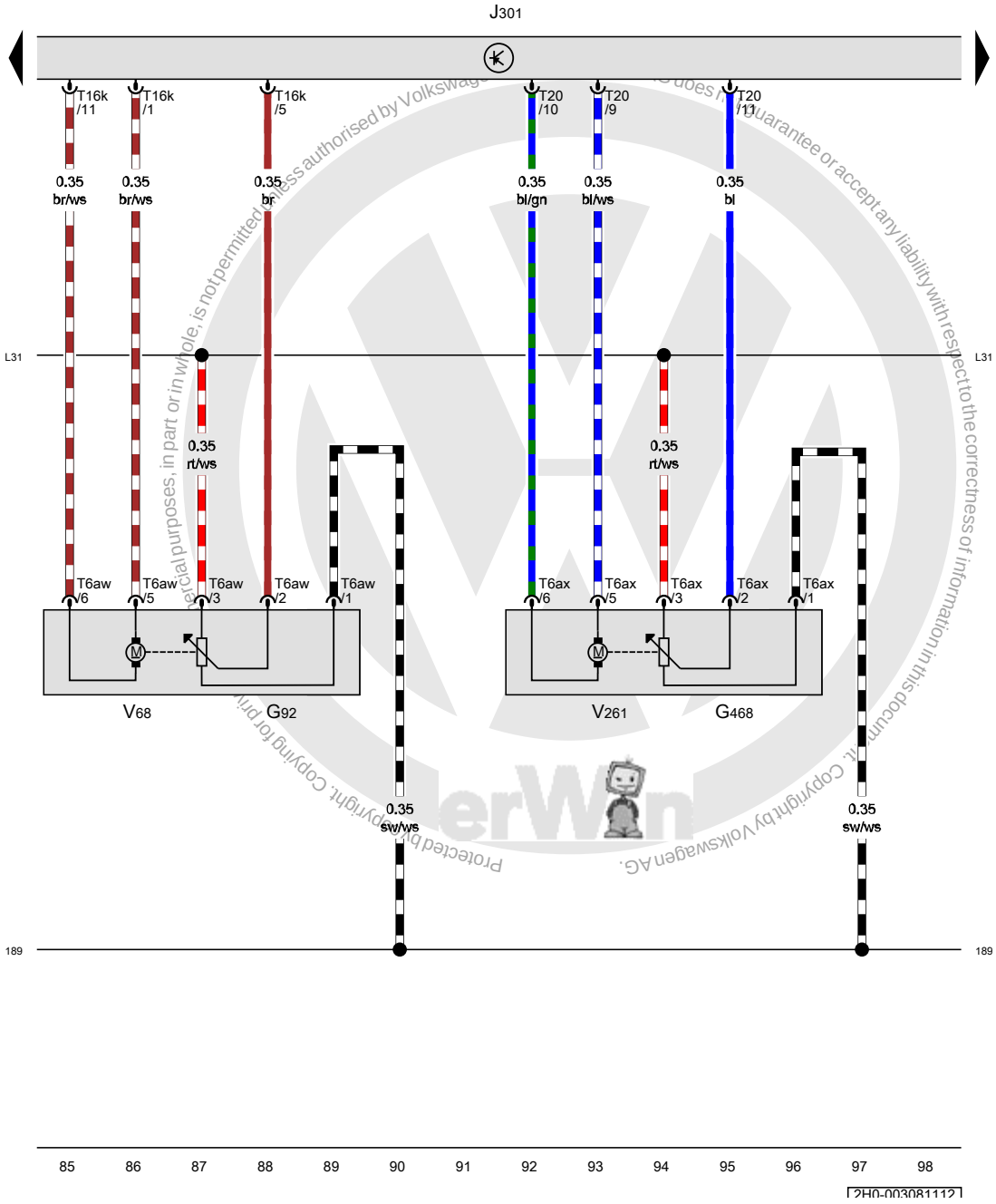

Potentiometer for temperature flap control motor, Potentiometer for footwell vent control motor, Air conditioning system control unit, Temperature flap control motor, Footwell flap control motor

G92	Potentiometer for temperature flap control motor
G468	Potentiometer for footwell vent control motor
J301	Air conditioning system control unit
T6aw	6-pin connector
T6ax	6-pin connector
T16k	16-pin connector, black
T20	20-pin connector, black
V68	Temperature flap control motor
V261	Footwell flap control motor
189	Earth connection 1, in heater wiring harness
L31	Connection (5V), in air conditioning system wiring harness

ws	=	white
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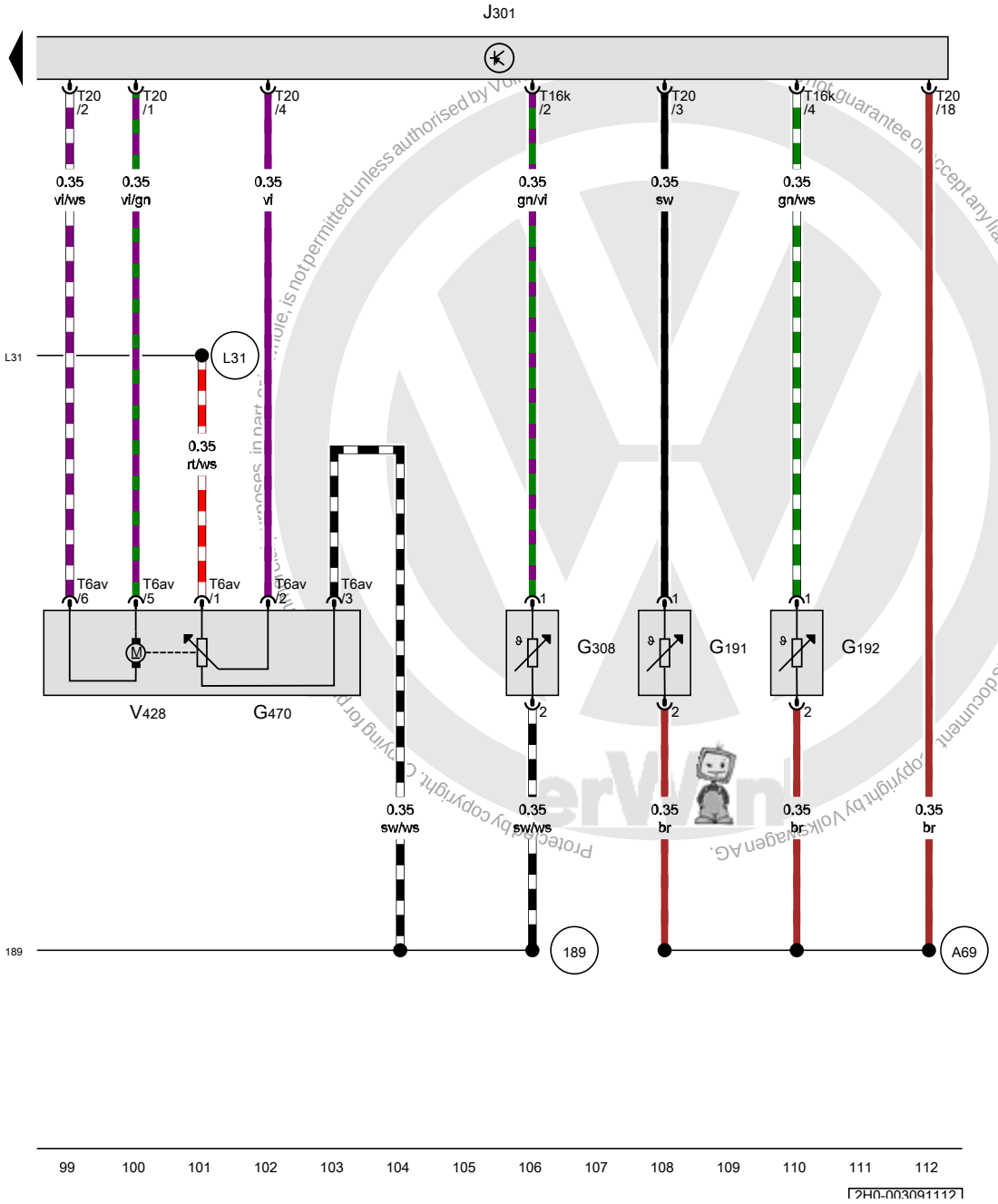

Centre vent temperature sender, Footwell vent temperature sender, Evaporator temperature sensor, Potentiometer for front air distribution control motor, Air conditioning system control unit, Air distribution flap control motor

G191	Centre vent temperature sender
G192	Footwell vent temperature sender
G308	Evaporator temperature sensor
G470	Potentiometer for front air distribution control motor
J301	Air conditioning system control unit
T6av	6-pin connector
T16k	16-pin connector, black
T20	20-pin connector, black
V428	Air distribution flap control motor
189	Earth connection 1, in heater wiring harness
A69	Connection (31, air conditioning system/blower control), in dash panel wiring harness
L31	Connection (5V), in air conditioning system wiring harness

ws	=	white
sw	=	black
ro	=	red
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Anti-lock brake system (ABS) with electronic differential lock (EDL) and traction control system (TCS)

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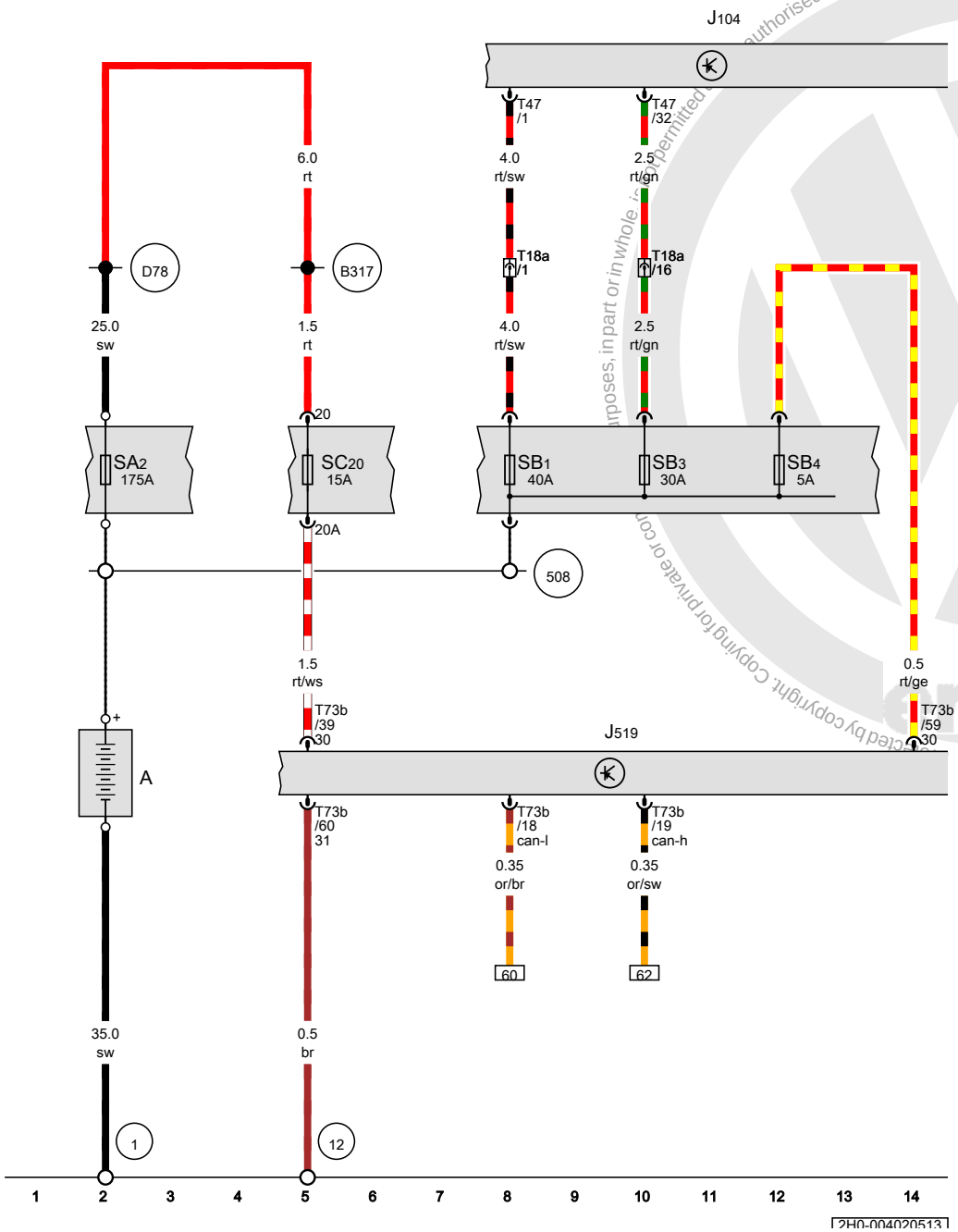

Battery, ABS control unit, Onboard supply control unit, Fuse 1 on fuse holder B, Fuse 2 in fuse holder A, Fuse 4 on fuse holder B, Fuse 20 on fuse holder C

A	Battery
J104	ABS control unit
J519	Onboard supply control unit
SB1	Fuse 1 on fuse holder B
SA2	Fuse 2 in fuse holder A
SB3	Fuse 3 on fuse holder B
SB4	Fuse 4 on fuse holder B
SC20	Fuse 20 on fuse holder C, black
T18a	18-pin connector, grey, near engine control unit
T47	47-pin connector, black
T73b	73-pin connector, colourless
1	Earth strap, battery - body
12	Earth point, on left in engine compartment
508	Threaded connection (30) on E-box
B317	Positive connection 3 (30a) in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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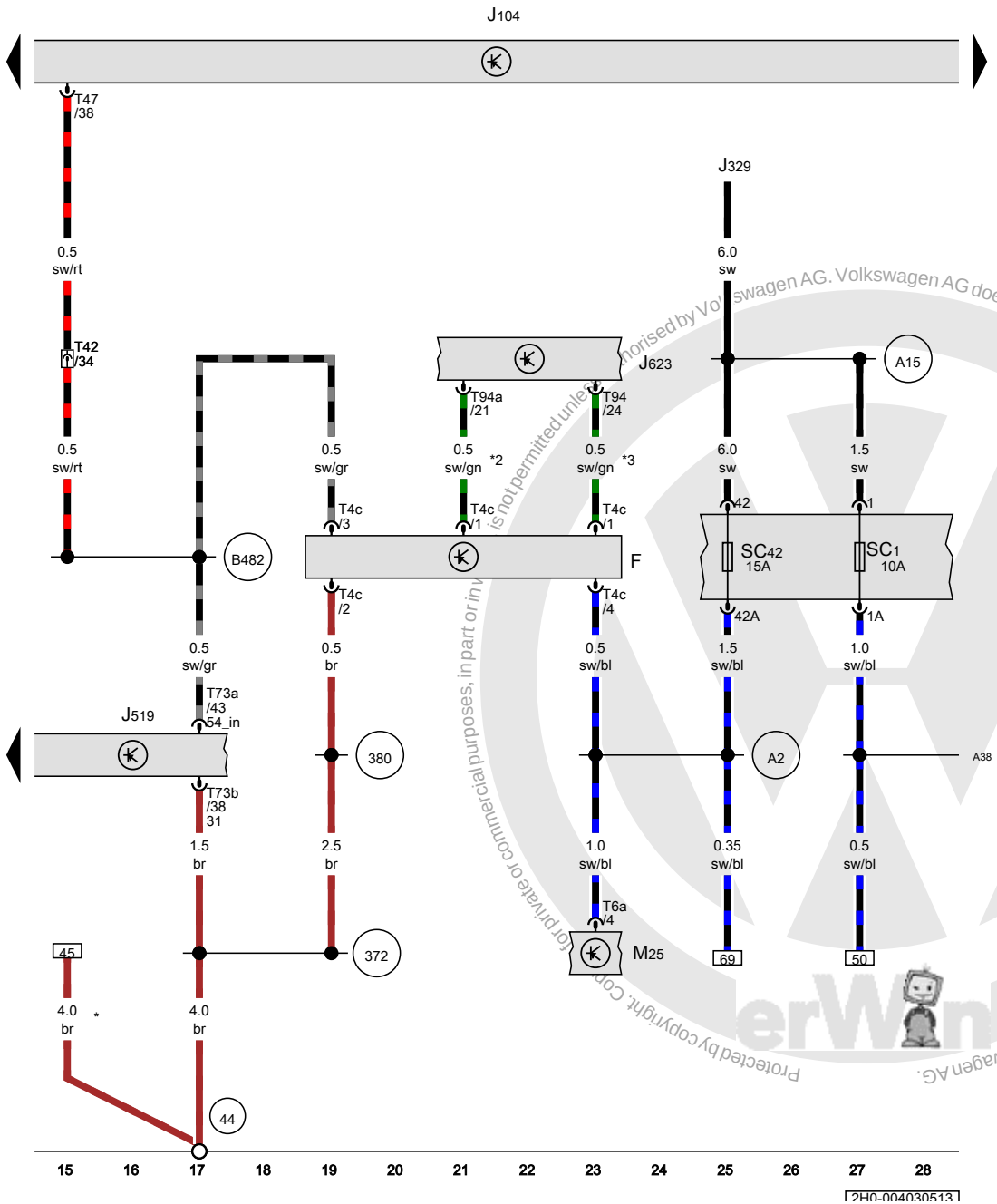

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gn = green
bl = blue
gr = grey
li = purple
vi = purple
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or = orange
rs = pink

Brake light switch, ABS control unit, Onboard supply control unit, Fuse 1 on fuse holder C

F	Brake light switch
J104	ABS control unit
J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
J623	Engine control unit
M25	Additional brake light bulb
SC1	Fuse 1 on fuse holder C
SC42	Fuse 42 on fuse holder C
T4c	4-pin connector, black
T6a	6-pin connector, black
T42	42-pin connector, black, near handbrake lever
T47	47-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, colourless
T94	94-pin connector, black
T94a	94-pin connector, black
44	Earth point, lower part of left A-pillar
372	Earth connection 7, in main wiring harness
380	Earth connection 15, in main wiring harness
A2	Positive connection (15), in dash panel wiring harness
A15	Positive connection (15), in instrument wiring harness
A38	Positive connection 2 (15a) in dash panel wiring harness
B482	Connection 18, in main wiring harness
*	Only models with electronic stabilisation program (ESP)
*2	Only models with diesel engine
*3	Only models with petrol engine

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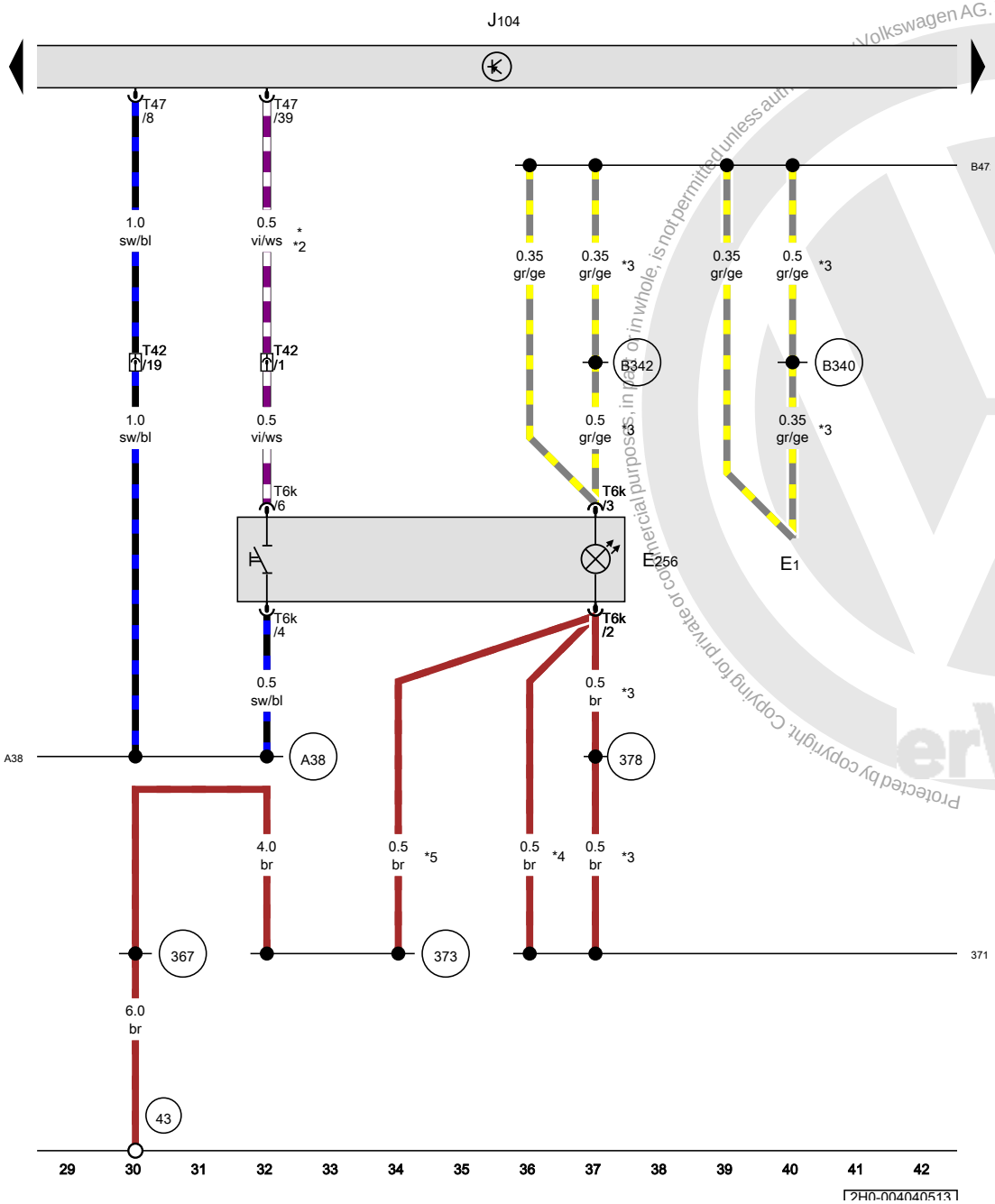

ws = white
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TCS and ESP button, ABS control unit

E1	Light switch
E256	TCS and ESP button
J104	ABS control unit
T6k	6-pin connector, black
T42	42-pin connector, black, near handbrake lever
T47	47-pin connector, black
43	Earth point, lower part of right A-pillar
367	Earth connection 2, in main wiring harness
371	Earth connection 6, in main wiring harness
373	Earth connection 8, in main wiring harness
378	Earth connection 13, in main wiring harness
A38	Positive connection 2 (15a) in dash panel wiring harness
B340	Connection 1 (58d), in main wiring harness
B342	Connection 3 (58d), in main wiring harness
B472	Connection 8, in main wiring harness
*	with auxiliary drive (part time)
*2	with no auxiliary drive
*3	From November 2011
*4	Only models with electronic stabilisation program (ESP)
*5	Only models with anti-lock brake system (ABS), traction control system (TCS) and electronic differential lock (EDL)

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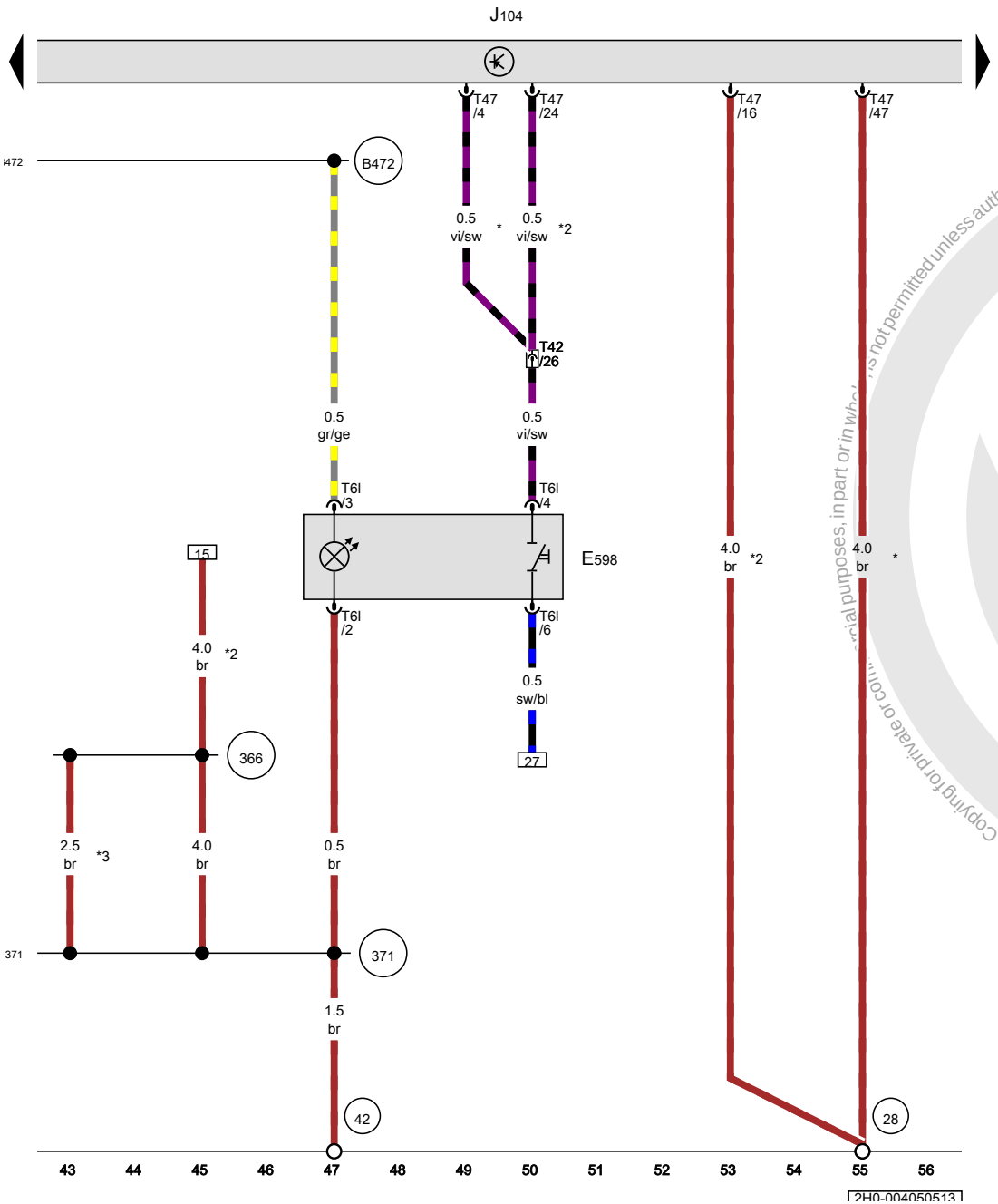

Driving program button, ABS control unit

E598	Driving program button
J104	ABS control unit
T6l	6-pin connector, red
T42	42-pin connector, black, near handbrake lever
T47	47-pin connector, black
28	Earth point, on bulkhead
42	Earth point, next to steering column
366	Earth connection 1, in main wiring harness
371	Earth connection 6, in main wiring harness
B472	Connection 8, in main wiring harness
*	Only models with no ESP
*2	Only models with electronic stabilisation program (ESP)
*3	From November 2011

ws	=	white
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rt	=	red
br	=	brown
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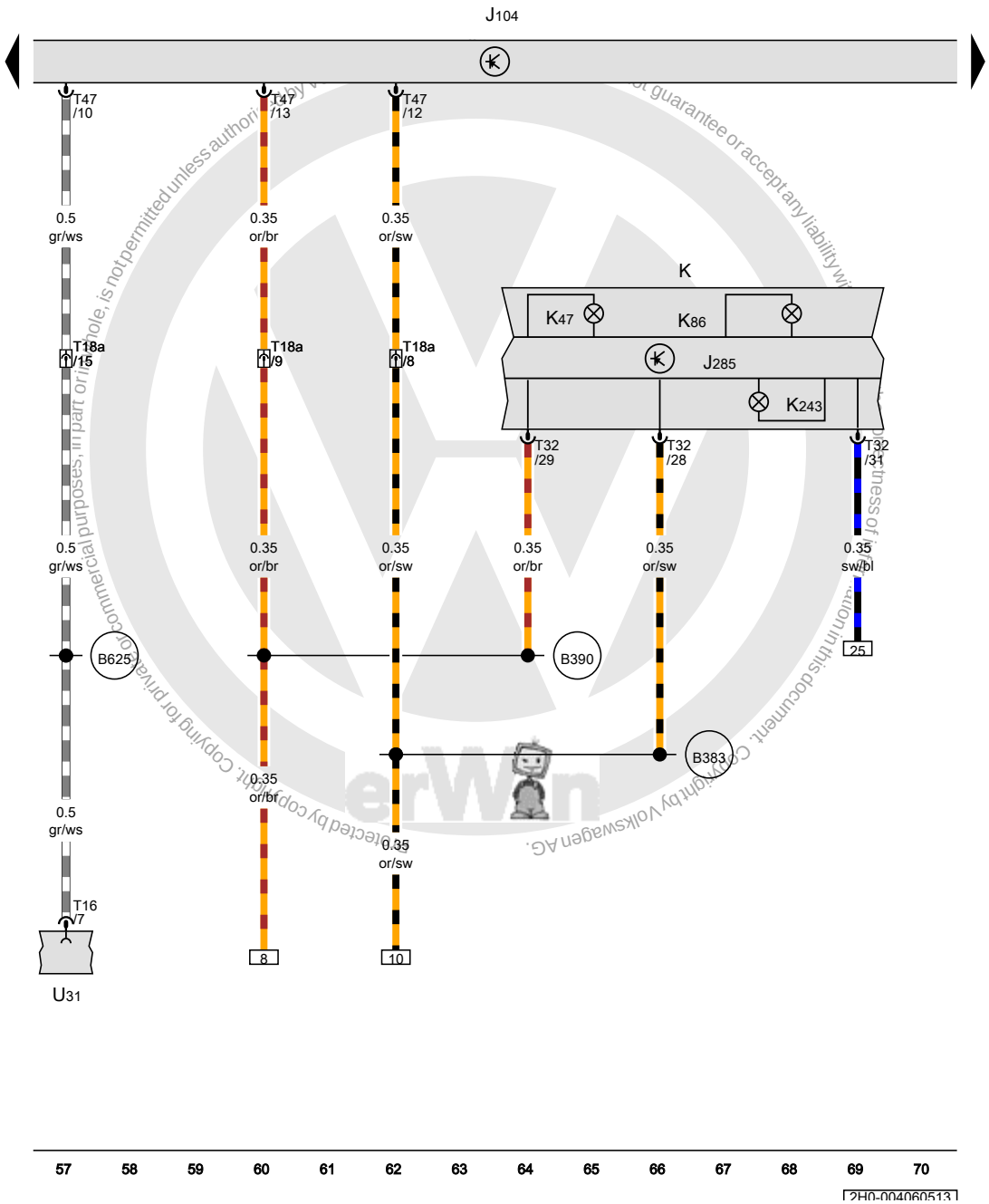

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bl = blue
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or = orange
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ABS control unit, Dash panel insert, ABS warning lamp, Traction control system warning lamp, Driving program warning light, Diagnostic connection

J104	ABS control unit
J285	Control unit in dash panel insert
K	Dash panel insert
K47	ABS warning lamp
K86	Traction control system warning lamp
K243	Driving program warning light
T16	16-pin connector, black
T18a	18-pin connector, grey, near engine control unit
T32	32-pin connector, blue
T47	47-pin connector, black
U31	Diagnostic connection
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B625	Connection (K-diagnosis wire), in main wiring harness

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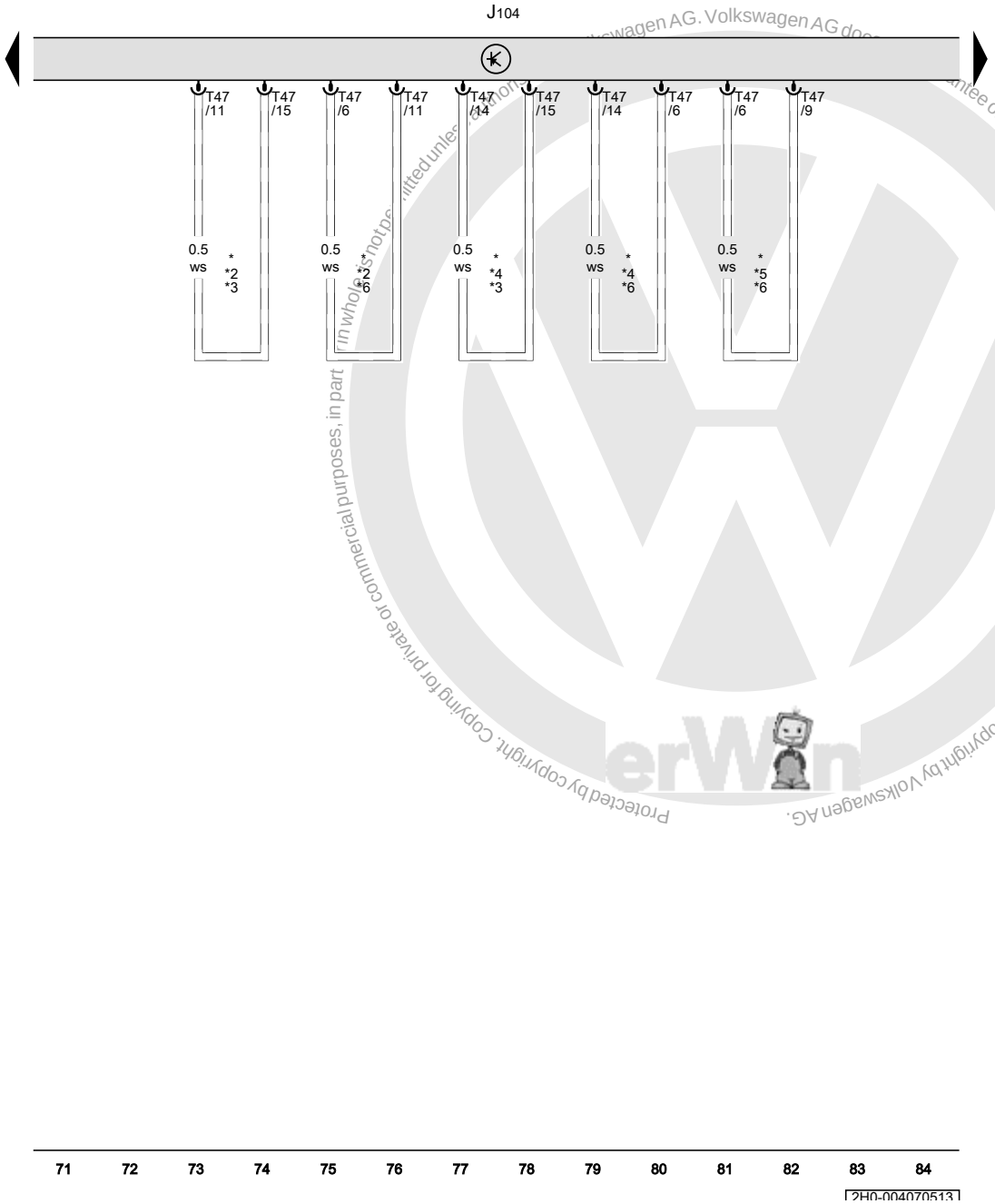

ABS control unit

J104	ABS control unit
T47	47-pin connector, black
*	Only models with no ESP
*2	with no auxiliary drive
*3	Only models with single cab
*4	with auxiliary drive (part time)
*5	with auxiliary drive (Torsen)
*6	Only models with double cab

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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li	=	purple
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ge	=	yellow
or	=	orange
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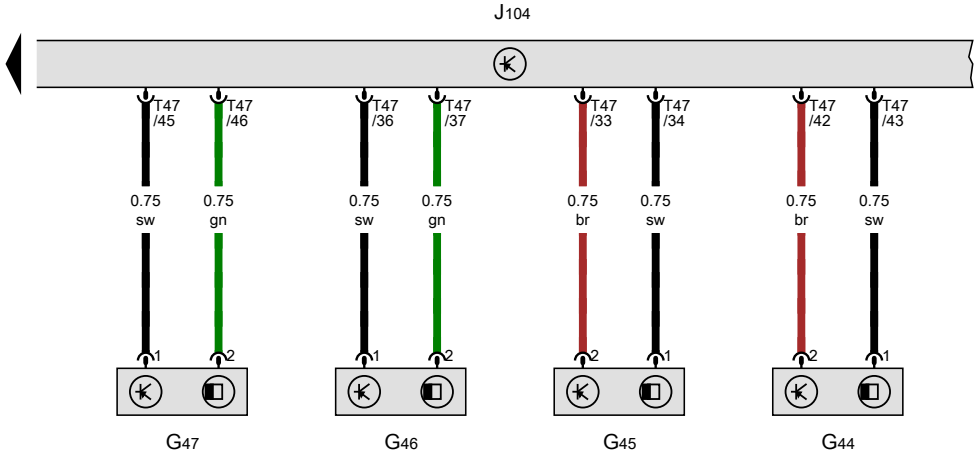

Rear right speed sensor, Front right speed sensor, Rear left speed sensor, Front left speed sensor, ABS control unit

G44	Rear right speed sensor
G45	Front right speed sensor
G46	Rear left speed sensor
G47	Front left speed sensor
J104	ABS control unit
T47	47-pin connector, black

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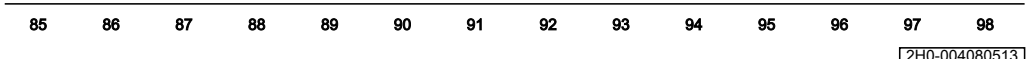

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Climatronic

From December 2009

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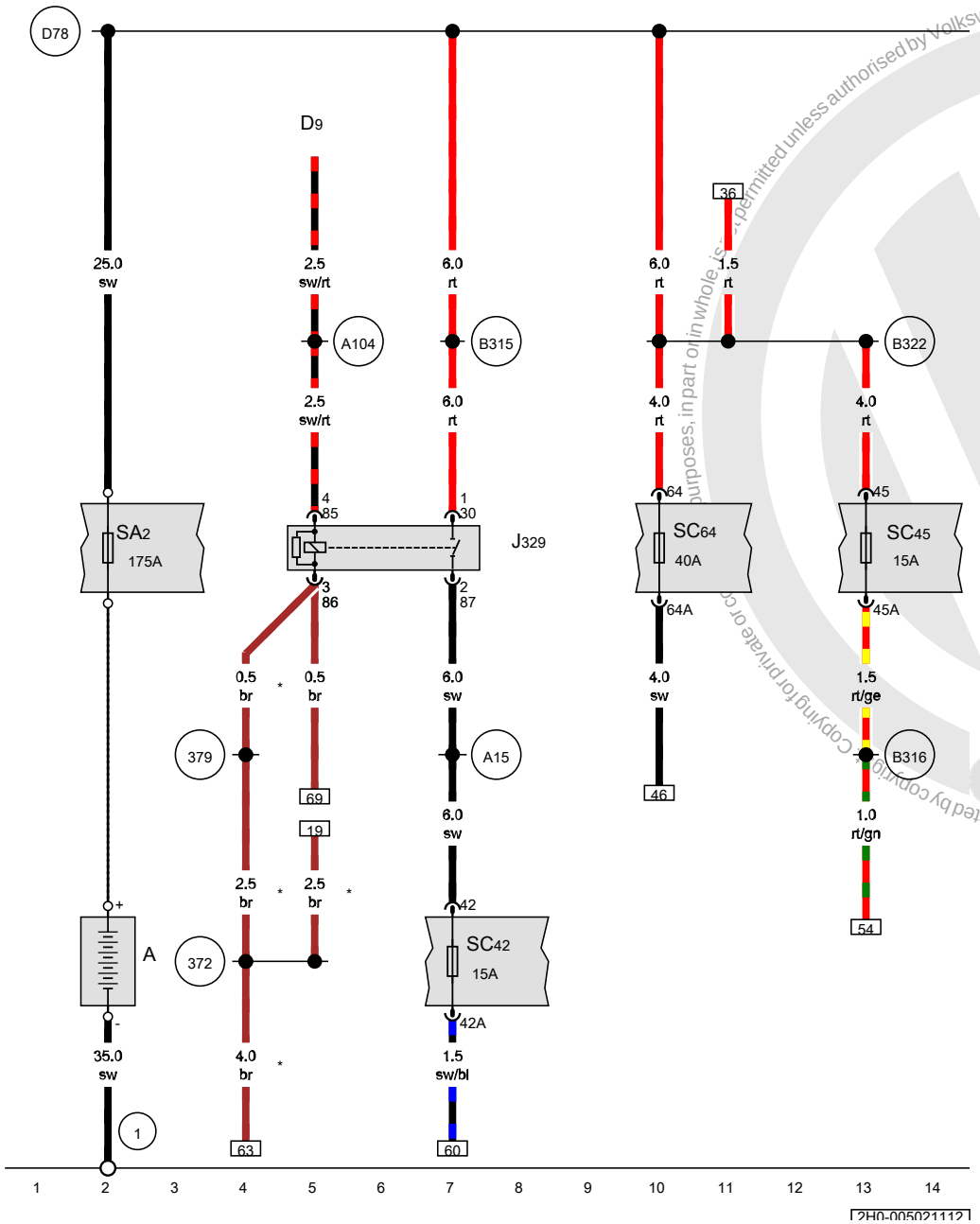
Battery, Fuse 2 in fuse holder A, Fuse 42 on fuse holder C, Fuse 45 on fuse holder C, Fuse 64 on fuse holder C



A	Battery
D9	Electronic ignition lock
J329	Terminal 15 voltage supply relay
SA2	Fuse 2 in fuse holder A
SC42	Fuse 42 on fuse holder C
SC45	Fuse 45 on fuse holder C
SC64	Fuse 64 on fuse holder C
1	Earth strap, battery - body
372	Earth connection 7, in main wiring harness
379	Earth connection 14, in main wiring harness
A15	Positive connection (15), in instrument wiring harness
A104	Positive connection 2 (15), in dash panel wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B316	Positive connection 2 (30a) in main wiring harness
B322	Positive connection 8 (30a) in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
*	From November 2011

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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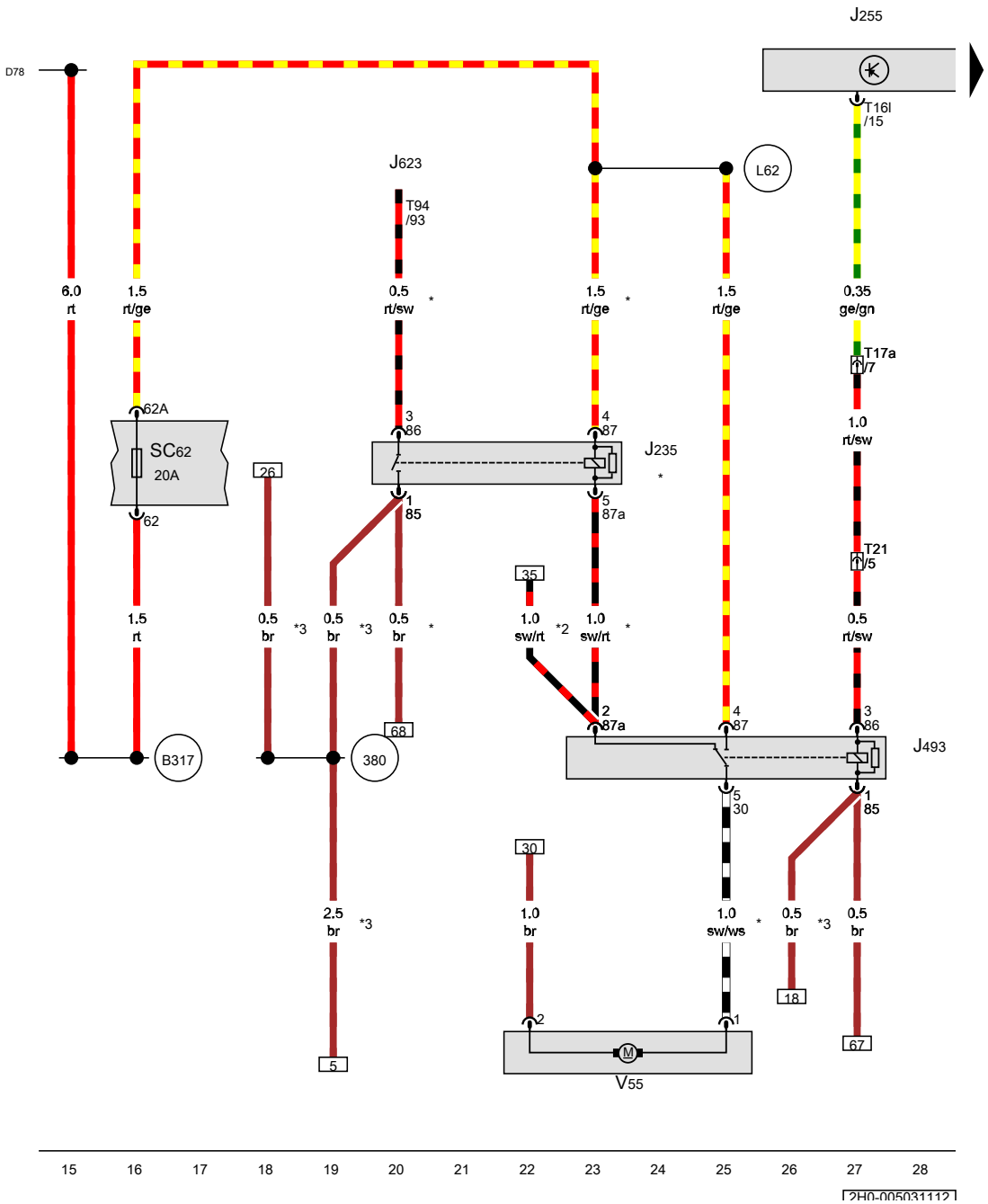

Climatronic control unit, Fuse 62 on fuse holder C, Circulation pump

J235	Coolant pump relay
J255	Climatronic control unit, in centre of dash panel
J493	Auxiliary coolant heater relay
J623	Engine control unit
SC62	Fuse 62 on fuse holder C
T16l	16-pin connector, black
T17a	17-pin connector, behind glove compartment, black
T21	21-pin connector, on relay carrier, blue
T94	94-pin connector
V55	Circulation pump
380	Earth connection 15, in main wiring harness
B317	Positive connection 3 (30a) in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
L62	Positive connection (30a), in auxiliary heater wiring harness
*	Only models with petrol engine
*2	Only models with diesel engine
*3	From November 2011

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sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
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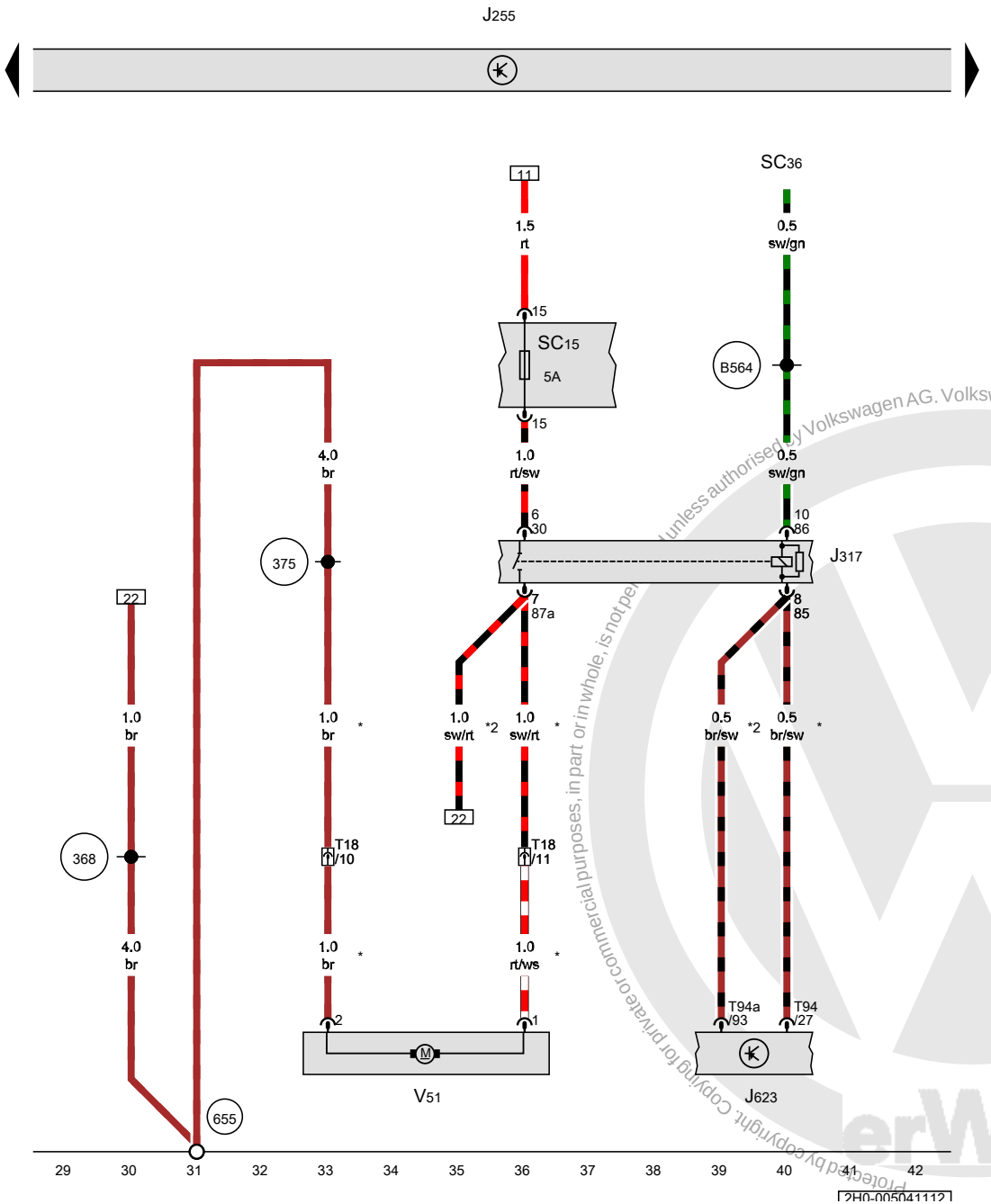
Climatronic control unit, Terminal 30 voltage supply relay, Continued coolant circulation pump

J255	Climatronic control unit, in centre of dash panel
J317	Terminal 30 voltage supply relay
J623	Engine control unit
SC15	Fuse 15 on fuse holder C
SC36	Fuse 36 on fuse holder C
T18	18-pin connector
T94	94-pin connector
T94a	94-pin connector
V51	Continued coolant circulation pump
368	Earth connection 3, in main wiring harness
375	Earth connection 10, in main wiring harness
655	Earth point, on left headlight
B564	Connection 31, in main wiring harness
*	Only models with petrol engine
*2	Only models with diesel engine



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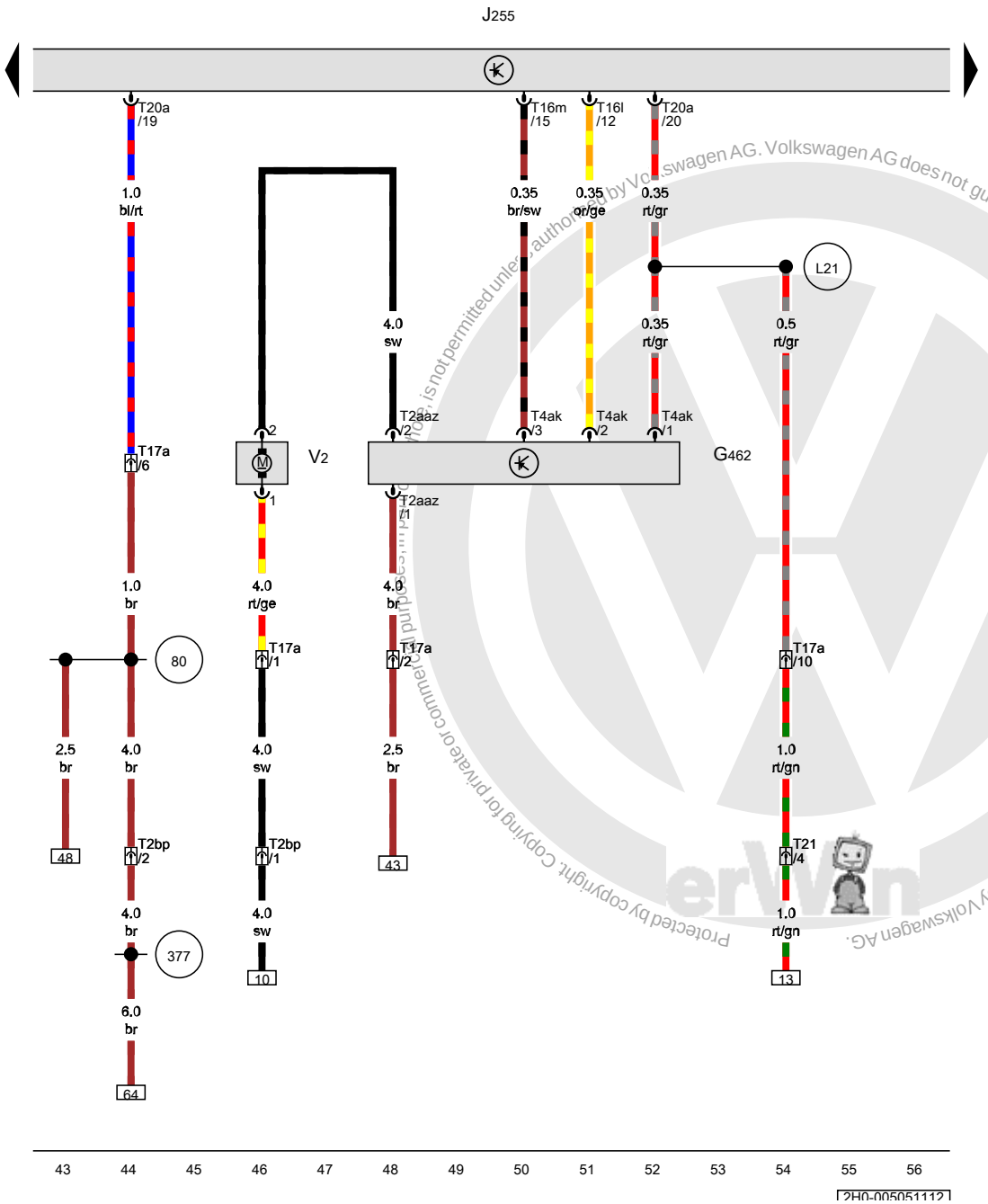

Sender for front Bitron blower regulation, Climatronic control unit, Fresh air blower

G462	Sender for front Bitron blower regulation
J255	Climatronic control unit, in centre of dash panel
T2aaz	2-pin connector
T2bp	2-pin connector
T4ak	4-pin connector
T16l	16-pin connector, black
T16m	16-pin connector, brown
T17a	17-pin connector, behind glove compartment, black
T20a	20-pin connector
T21	21-pin connector, on relay carrier, blue
V2	Fresh air blower
80	Earth connection 1, in dash panel wiring harness
377	Earth connection 12, in main wiring harness
L21	Connection 1 (30), in Climatronic operating unit wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
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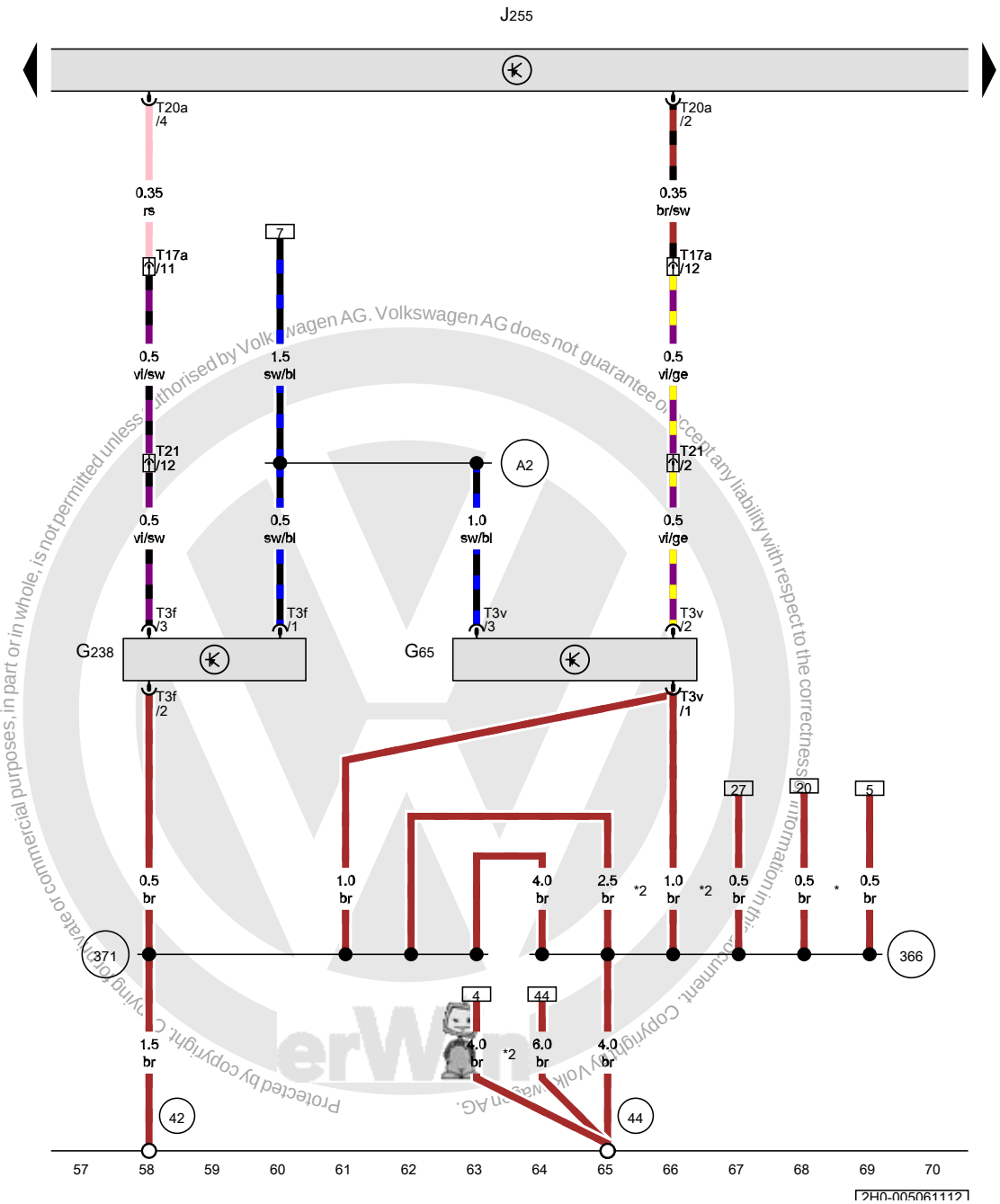

High-pressure sender, Air quality sensor, Climatronic control unit

G65	High-pressure sender
G238	Air quality sensor, near window wiper motor
J255	Climatronic control unit, in centre of dash panel
T3f	3-pin connector
T3v	3-pin connector
T17a	17-pin connector, behind glove compartment, black
T20a	20-pin connector
T21	21-pin connector, on relay carrier, blue
42	Earth point, next to steering column
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
371	Earth connection 6, in main wiring harness
A2	Positive connection (15), in dash panel wiring harness
*	Only models with petrol engine
*2	From November 2011

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
bl	=	blue
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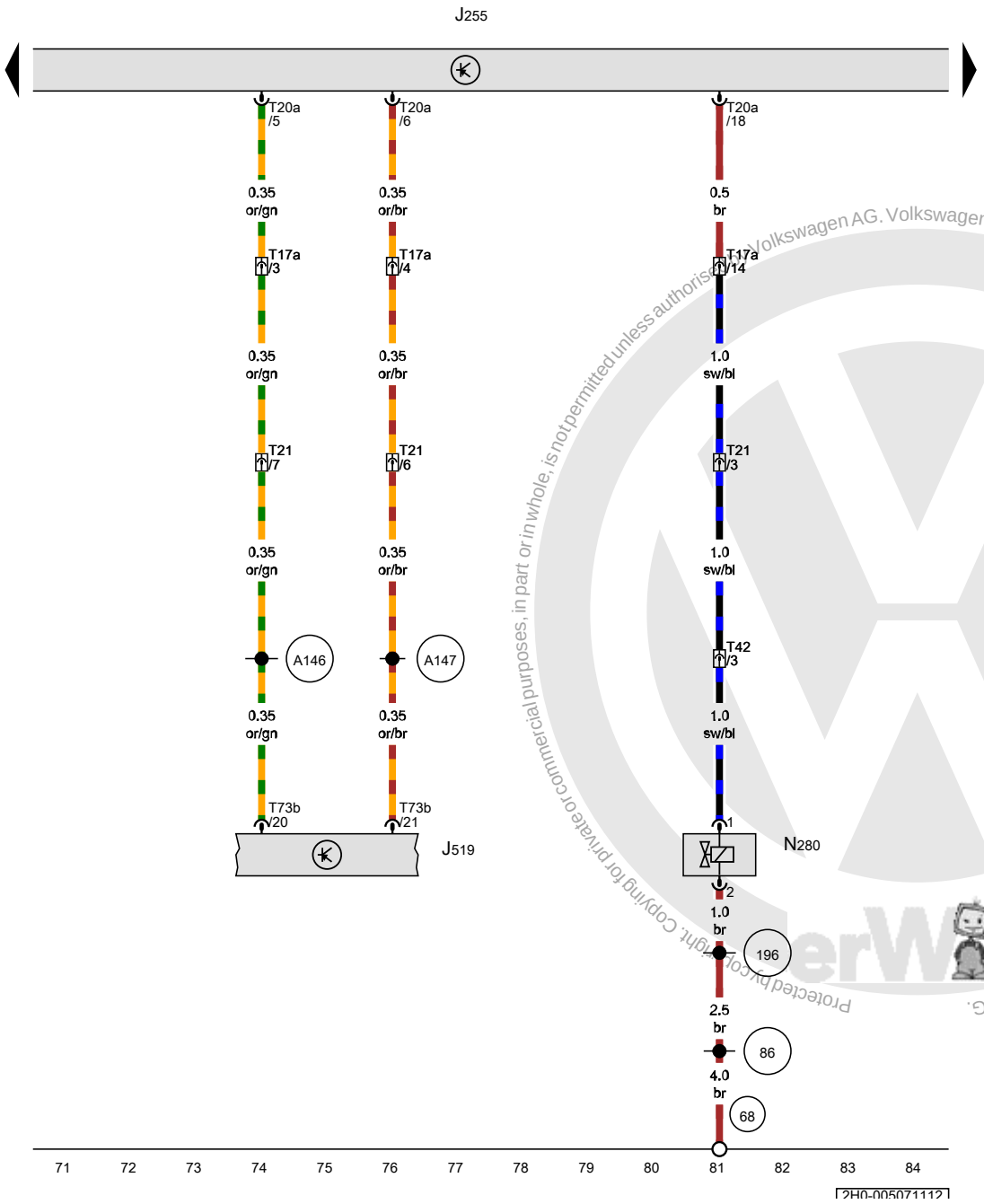

Climatronic control unit, Onboard supply control unit, Air conditioner compressor regulating valve

J255	Climatronic control unit, in centre of dash panel
J519	Onboard supply control unit
N280	Air conditioner compressor regulating valve
T17a	17-pin connector, behind glove compartment, black
T20a	20-pin connector
T21	21-pin connector, on relay carrier, blue
T42	42-pin connector, near handbrake lever, black
T73b	73-pin connector
68	Earth point, on left of rear cross member
86	Earth connection 1, in rear wiring harness
196	Earth connection 3, in rear wiring harness
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness

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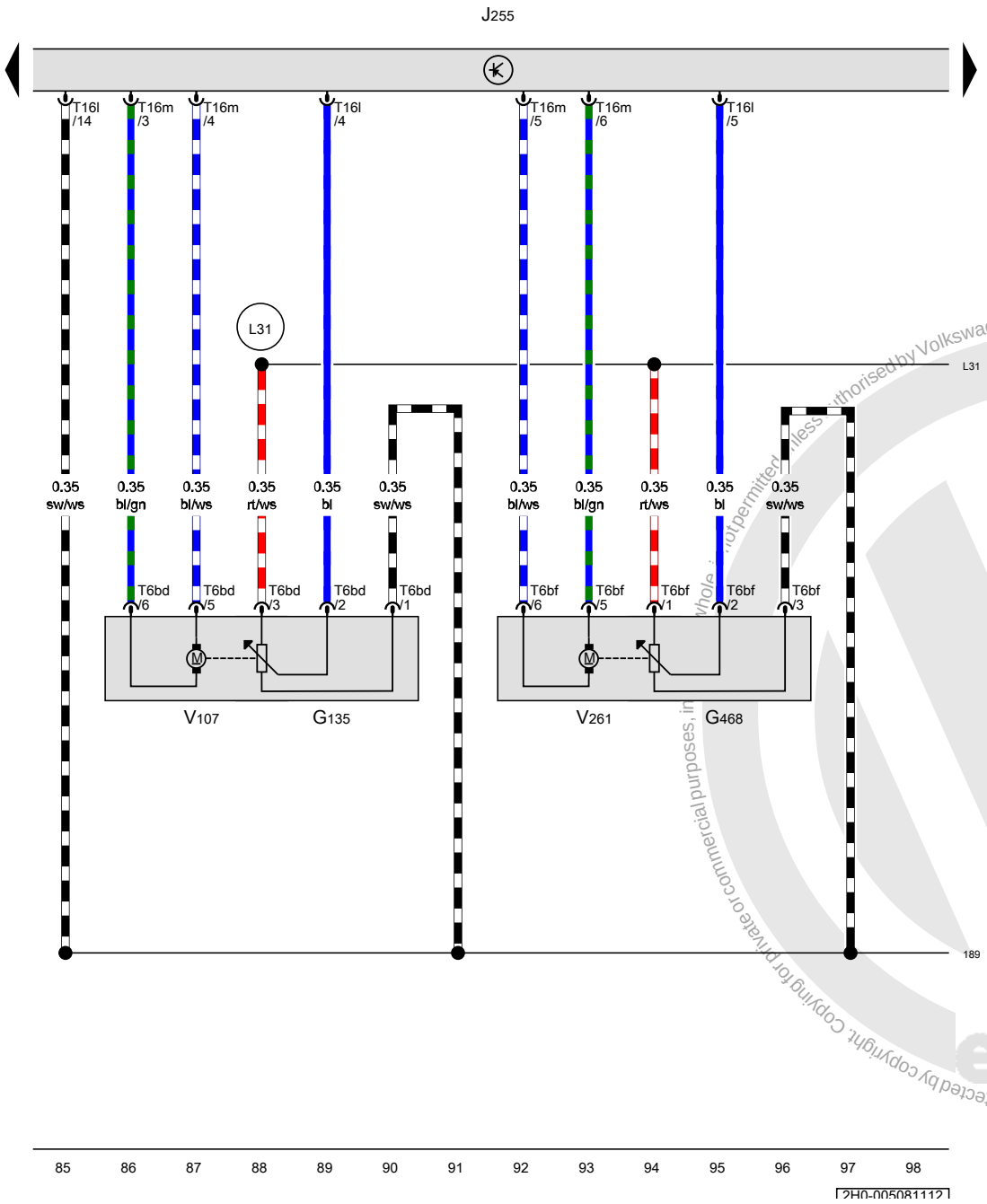

Potentiometer for defroster flap control motor, Potentiometer for footwell vent control motor, Climatronic control unit, Defroster flap control motor, Footwell flap control motor

G135	Potentiometer for defroster flap control motor
G468	Potentiometer for footwell vent control motor
J255	Climatronic control unit, in centre of dash panel
T6bd	6-pin connector
T6bf	6-pin connector
T16l	16-pin connector, black
T16m	16-pin connector, brown
V107	Defroster flap control motor
V261	Footwell flap control motor
189	Earth connection 1, in heater wiring harness
L31	Connection (5V), in air conditioning system wiring harness

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
bl	=	blue
gr	=	grey
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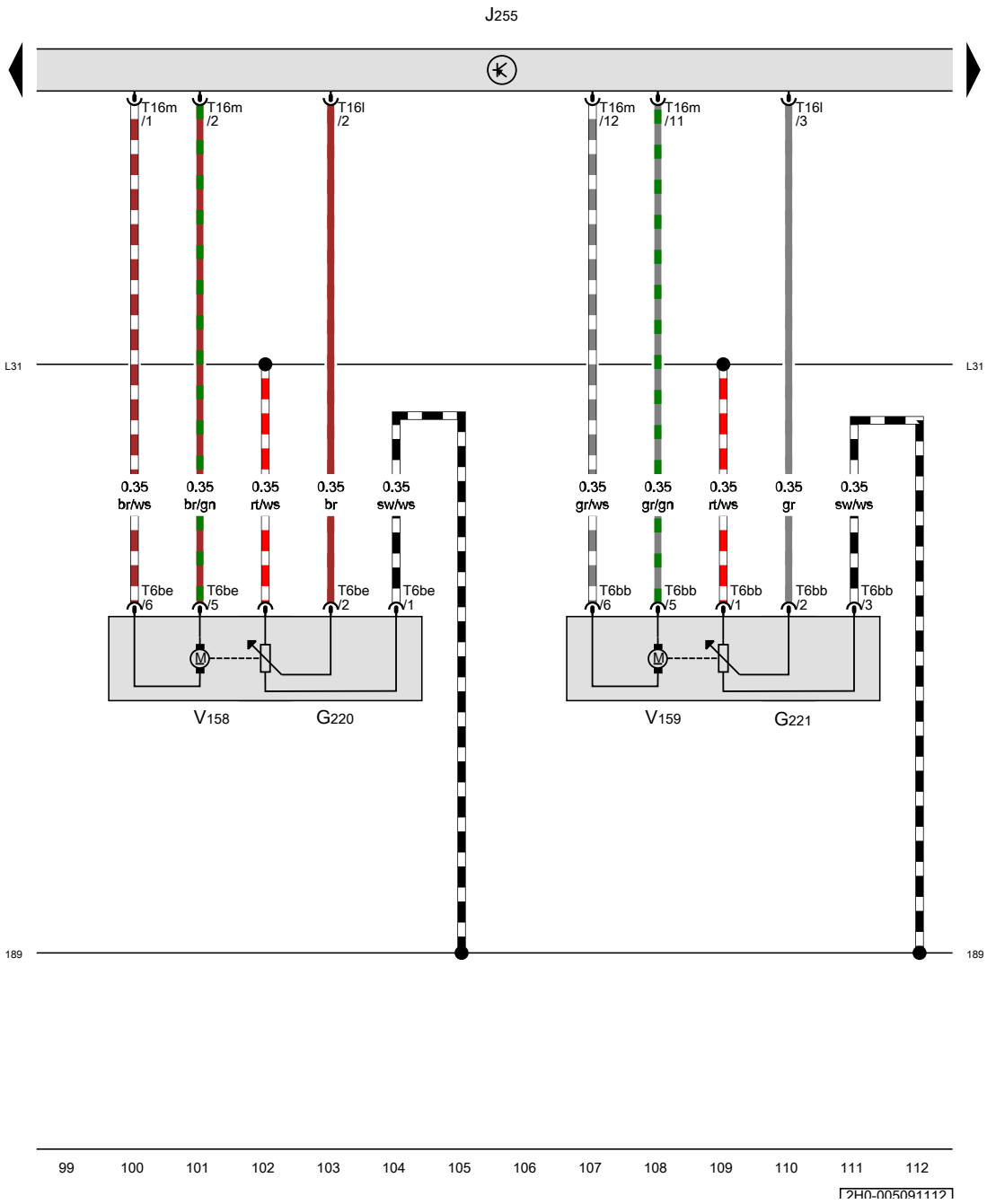

Potentiometer for left temperature flap control motor, Potentiometer for right temperature flap control motor, Climatronic control unit, Left temperature flap control motor, Right temperature flap control motor

G220	Potentiometer for left temperature flap control motor
G221	Potentiometer for right temperature flap control motor
J255	Climatronic control unit, in centre of dash panel
T6bb	6-pin connector
T6be	6-pin connector
T16l	16-pin connector, black
T16m	16-pin connector, brown
V158	Left temperature flap control motor
V159	Right temperature flap control motor
189	Earth connection 1, in heater wiring harness
L31	Connection (5V), in air conditioning system wiring harness

ws	=	white
sw	=	black
ro	=	red
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bl	=	blue
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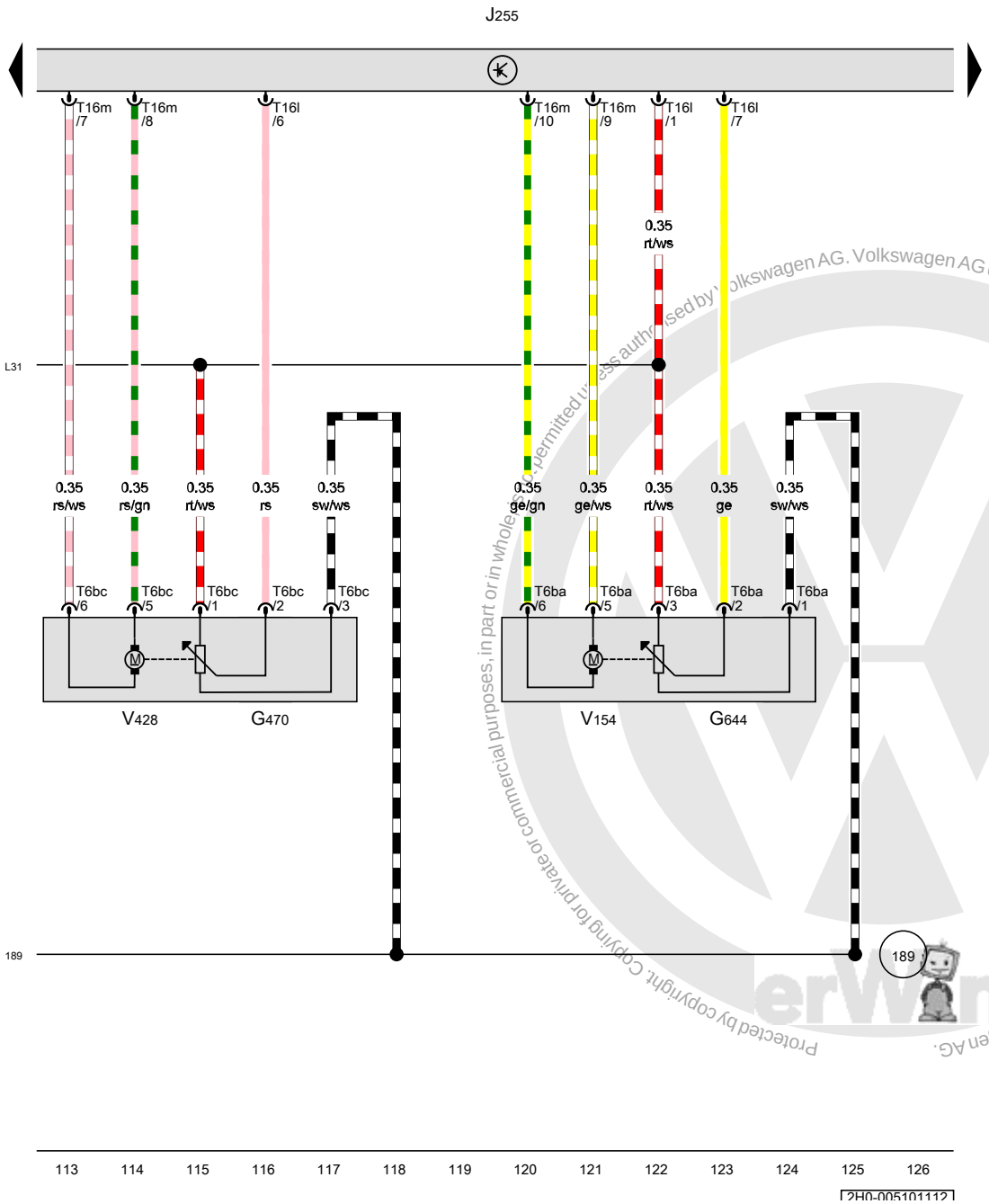

Potentiometer for front air distribution control motor, Potentiometer for fresh air/recirculated air, air flow flap control motor, Climatronic control unit, Fresh air and air recirculation flap control motor, Air distribution flap control motor

G470	Potentiometer for front air distribution control motor
G644	Potentiometer for fresh air/recirculated air, air flow flap control motor
J255	Climatronic control unit, in centre of dash panel
T6ba	6-pin connector
T6bc	6-pin connector
T16l	16-pin connector, black
T16m	16-pin connector, brown
V154	Fresh air and air recirculation flap control motor
V428	Air distribution flap control motor
189	Earth connection 1, in heater wiring harness
L31	Connection (5V), in air conditioning system wiring harness

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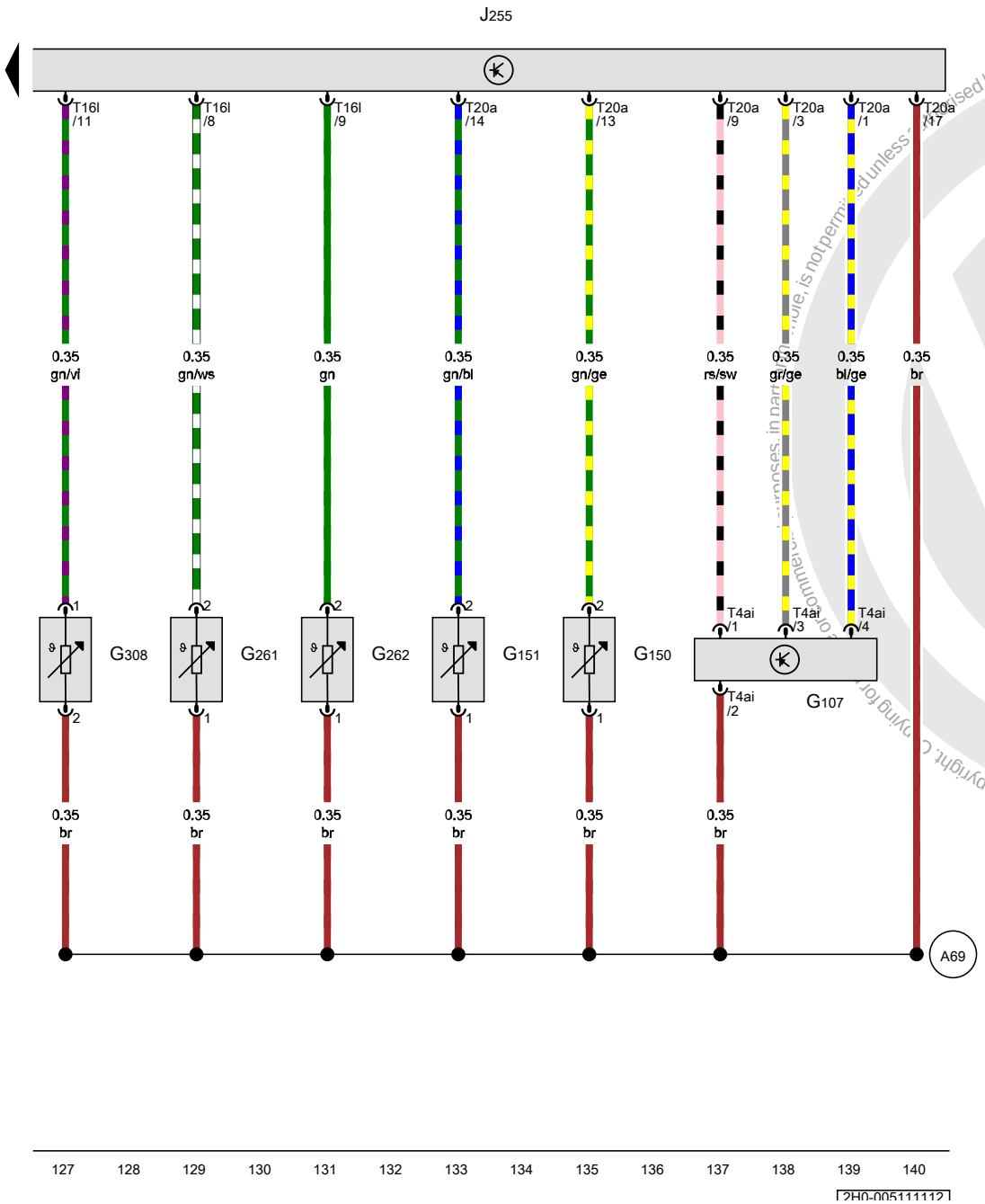

Sunlight penetration photosensor, Left vent temperature sender, Right vent temperature sender, Left footwell vent temperature sender, Right footwell vent temperature sender, Evaporator temperature sensor, Climatronic control unit

G107	Sunlight penetration photosensor
G150	Left vent temperature sender
G151	Right vent temperature sender
G261	Left footwell vent temperature sender
G262	Right footwell vent temperature sender
G308	Evaporator temperature sensor
J255	Climatronic control unit, in centre of dash panel
T4ai	4-pin connector
T16l	16-pin connector, black
T20a	20-pin connector
A69	Connection (31, air conditioning system/blower control), in dash panel wiring harness

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CAN and LIN bus networking, powertrain CAN, diagnosis CAN, dash panel CAN, convenience CAN

From June 2011

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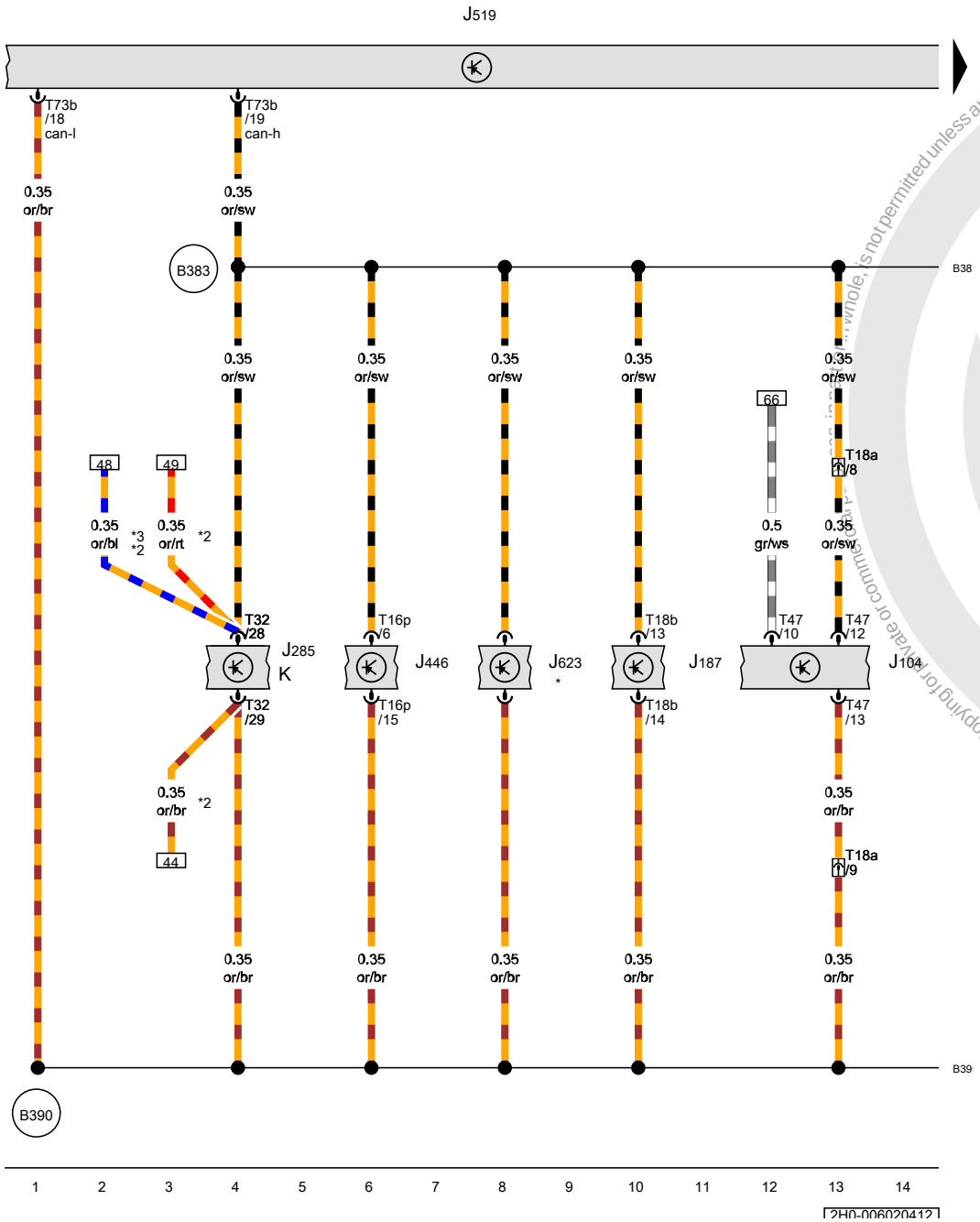

Control unit in dash panel insert, Onboard supply control unit, Engine control unit

J104	ABS control unit
J187	Differential lock control unit
J285	Control unit in dash panel insert
J446	Parking aid control unit
J519	Onboard supply control unit, near driver side A-pillar
J623	Engine control unit
K	Dash panel insert
T16p	16-pin connector, black
T18a	18-pin connector, near battery, grey
T18b	18-pin connector
T32	32-pin connector, blue
T47	47-pin connector
T73b	73-pin connector, colourless
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	see applicable current flow diagram for engine
*2	Only models with start/stop system
*3	From November 2011

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sw	=	black
ro	=	red
br	=	brown
gn	=	green
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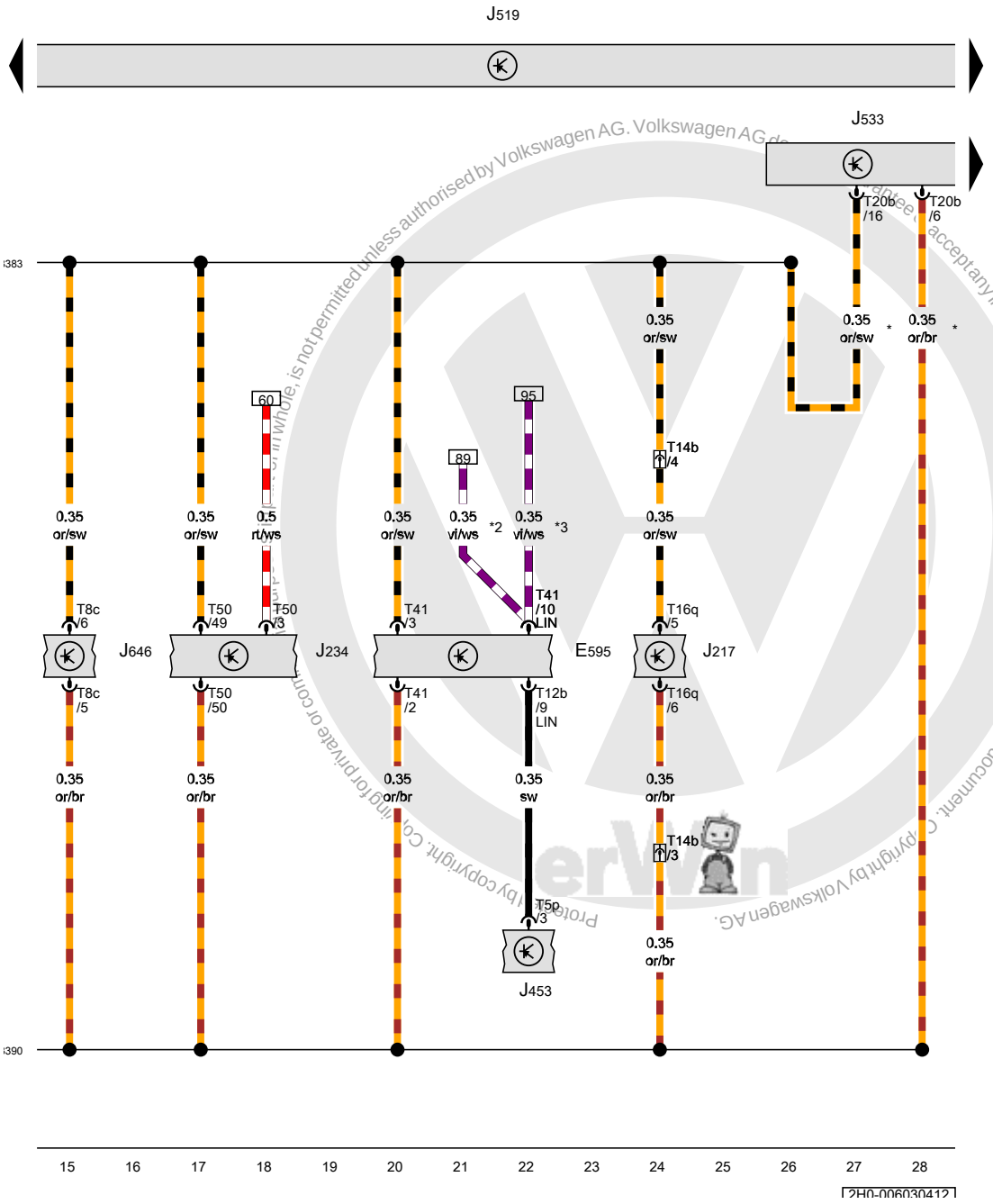

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ro = red
br = brown
gn = green
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Multifunction steering wheel control unit, Onboard supply control unit, Data bus diagnostic interface

E595	Steering column combination switch
J217	Automatic gearbox control unit
J234	Airbag control unit
J453	Multifunction steering wheel control unit
J519	Onboard supply control unit, near driver side A-pillar
J533	Data bus diagnostic interface
J646	Transfer box control unit
T5p	5-pin connector, black
T8c	8-pin connector
T12b	12-pin connector, yellow
T14b	14-pin connector, near battery, black
T16q	16-pin connector
T20b	20-pin connector, black
T41	41-pin connector, grey
T50	50-pin connector
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	Only models with start/stop system
*2	Only models with electric window regulators
*3	Only models with manual window regulators

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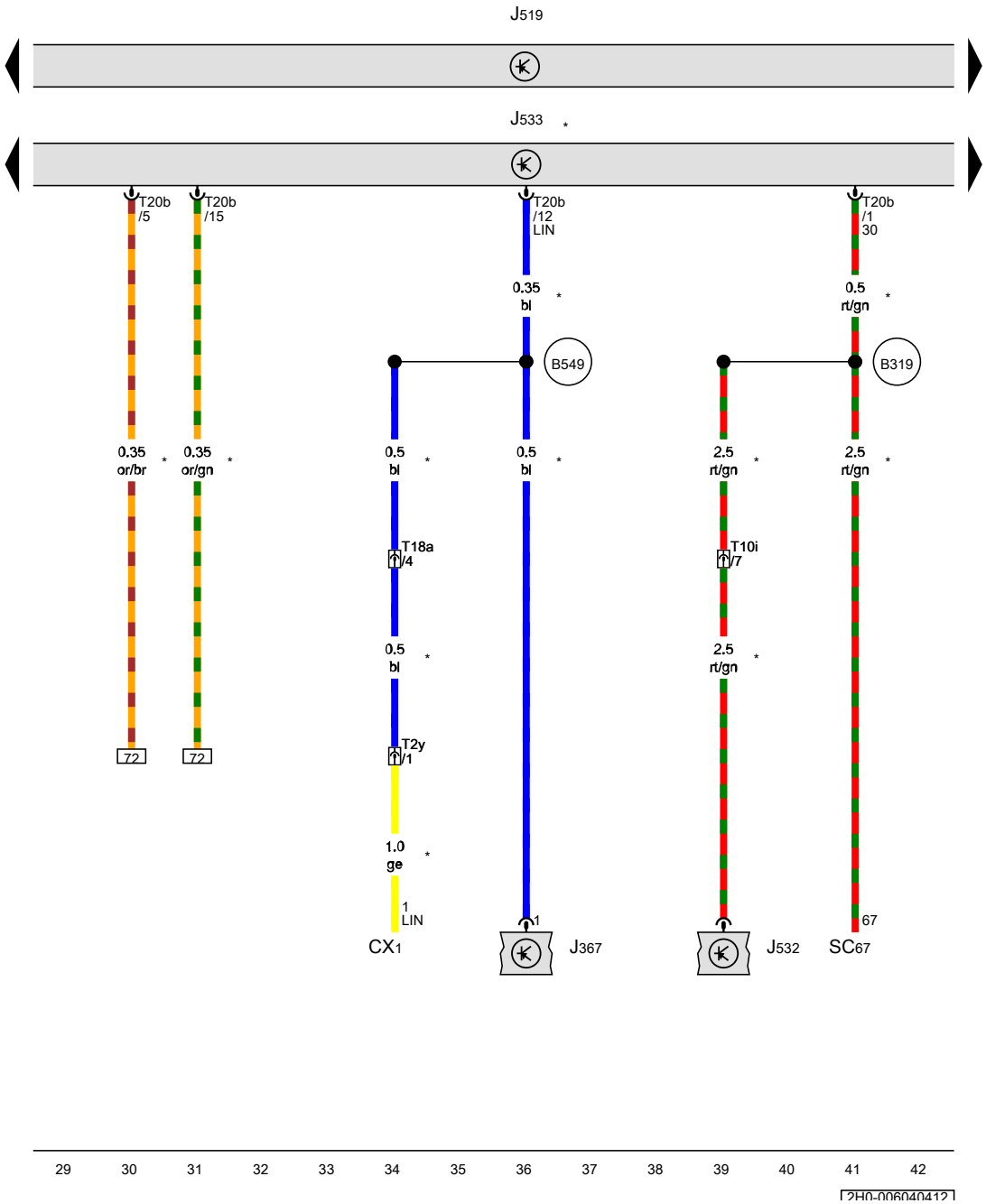

Alternator with voltage regulator, Battery monitor control unit, Onboard supply control unit, Data bus diagnostic interface

CX1	Alternator with voltage regulator
J367	Battery monitor control unit
J519	Onboard supply control unit, near driver side A-pillar
J532	Voltage stabiliser
J533	Data bus diagnostic interface
SC67	Fuse 67 on fuse holder C
T2y	2-pin connector, black
T10i	10-pin connector
T18a	18-pin connector, near engine control unit, grey
T20b	20-pin connector, black
B319	Positive connection 5 (30a) in main wiring harness
B549	Connection 2 (LIN bus) in main wiring harness
*	Only models with start/stop system

ws	=	white
sw	=	black
ro	=	red
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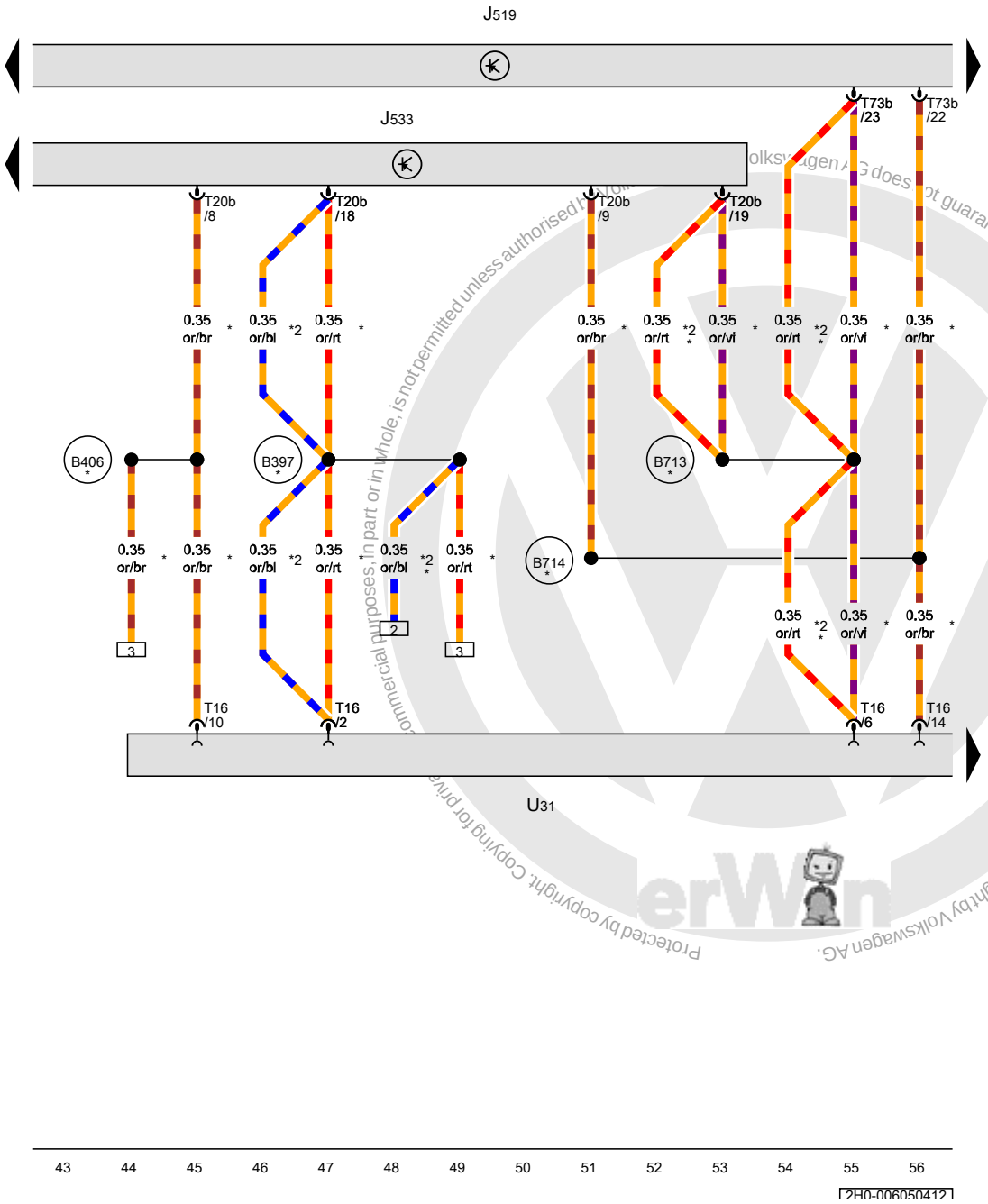

Onboard supply control unit, Data bus diagnostic interface, Diagnostic connection

J519	Onboard supply control unit, near driver side A-pillar
J533	Data bus diagnostic interface
T16	16-pin connector
T20b	20-pin connector, black
T73b	73-pin connector, colourless
U31	Diagnostic connection, near lower part of right A-pillar
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B713	Connection 1 (CAN bus diagnosis, high), in main wiring harness
B714	Connection 1 (CAN bus diagnosis, low), in main wiring harness
*	Only models with start/stop system
*2	From November 2011

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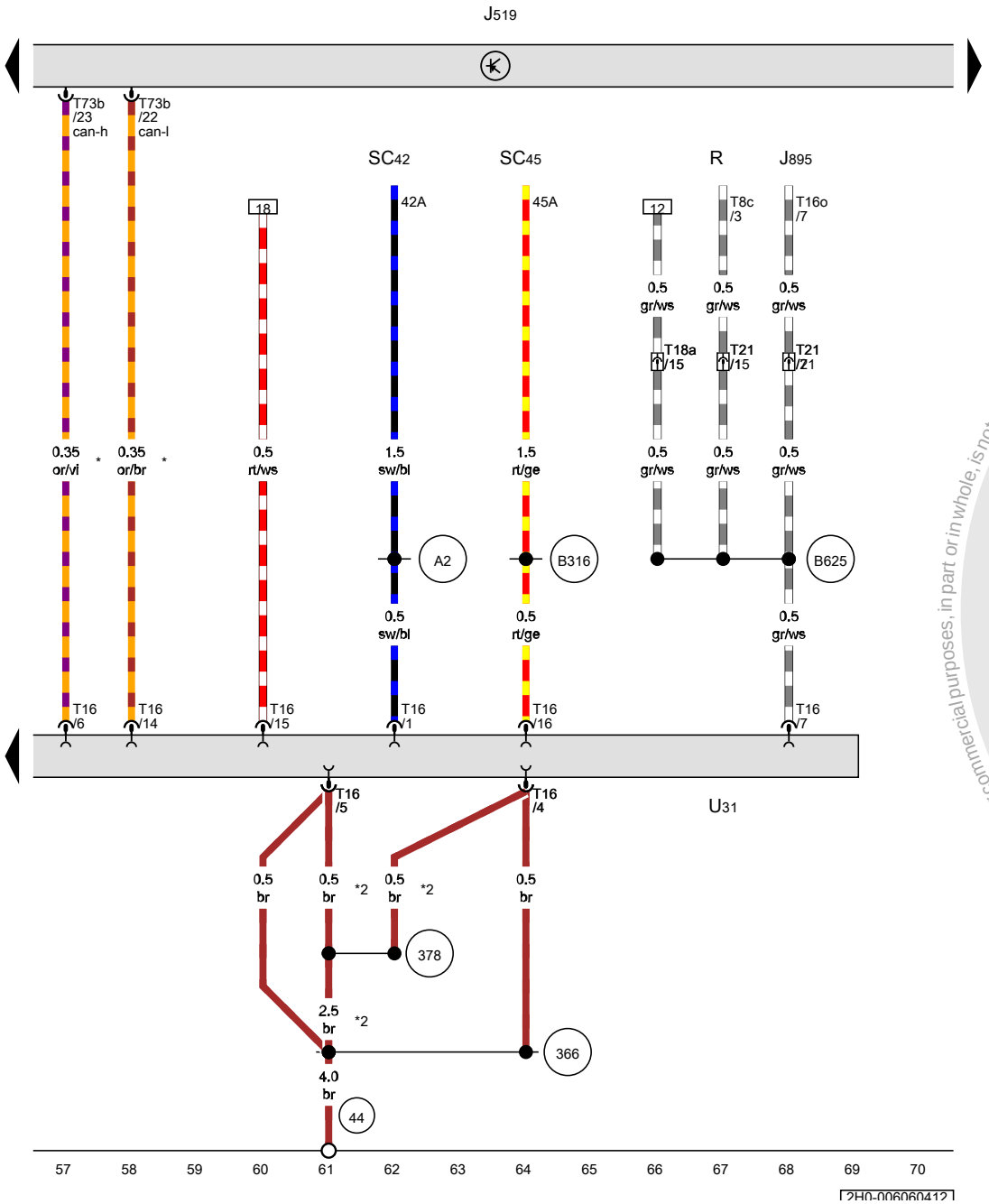

Onboard supply control unit, Diagnostic connection

J519	Onboard supply control unit, near driver side A-pillar
J895	Control unit for vehicle location system
R	Radio
SC42	Fuse 42 on fuse holder C
SC45	Fuse 45 on fuse holder C
T8c	8-pin connector
T16	16-pin connector
T16o	16-pin connector
T18a	18-pin connector, near battery, grey
T21	21-pin connector, on relay carrier, blue
T73b	73-pin connector, colourless
U31	Diagnostic connection, near lower part of right A-pillar
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
378	Earth connection 13, in main wiring harness
A2	Positive connection (15), in dash panel wiring harness
B316	Positive connection 2 (30a) in main wiring harness
B625	Connection (K-diagnosis wire), in main wiring harness
*	Only models with no start/stop system
*2	From November 2011

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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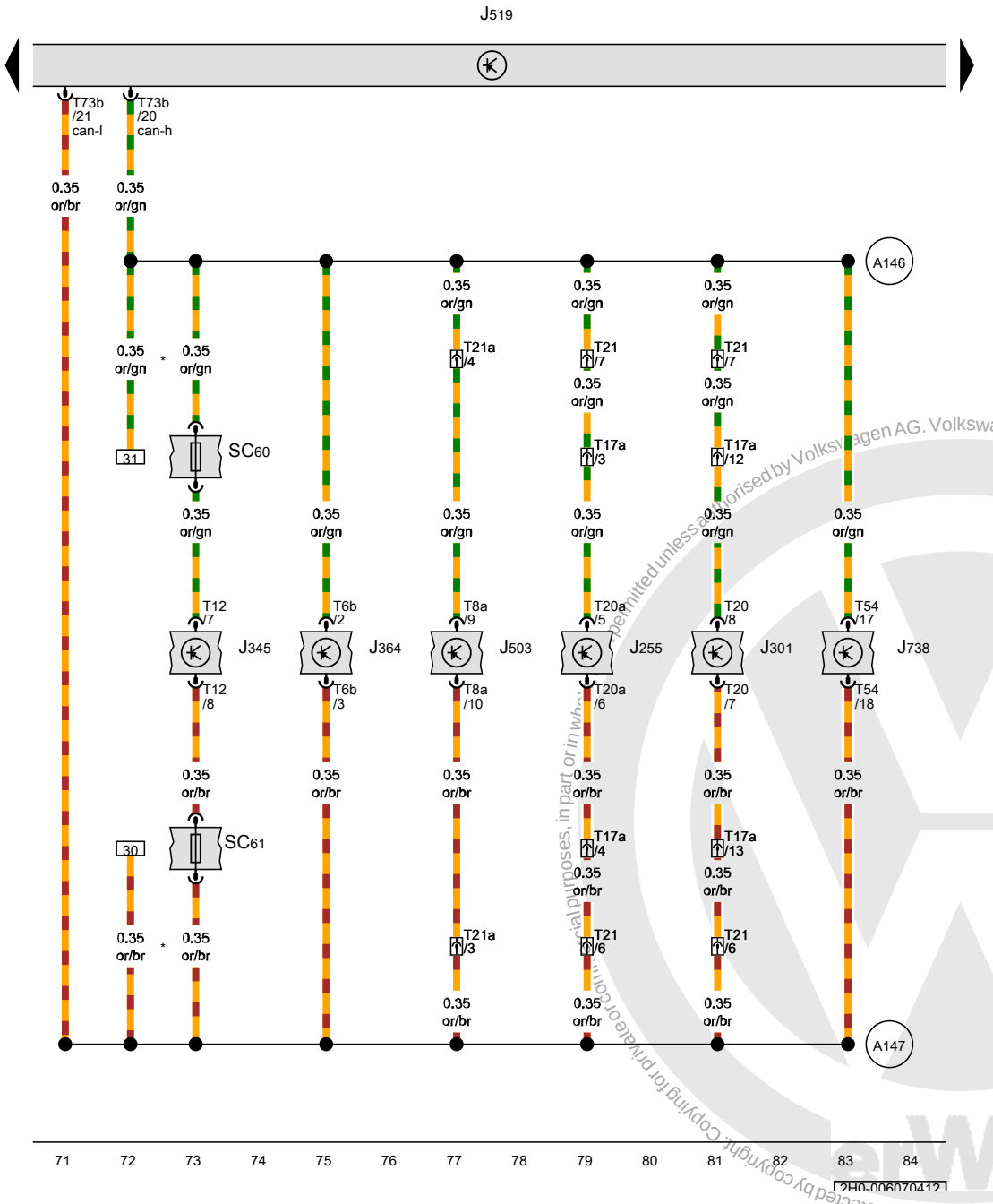

Onboard supply control unit, Telephone controls control unit

J255	Climatronic control unit
J301	Air conditioning system control unit
J345	Trailer detector control unit
J364	Auxiliary heater control unit
J503	Control unit with display for radio and navigation
J519	Onboard supply control unit, near driver side A-pillar
J738	Telephone controls control unit, under centre console
SC60	Fuse 60 on fuse holder C
SC61	Fuse 61 on fuse holder C
T6b	6-pin connector
T8a	8-pin connector
T12	12-pin connector
T17a	17-pin connector, behind glove compartment, black
T20	20-pin connector
T20a	20-pin connector
T21	21-pin connector, on relay carrier, blue
T21a	21-pin connector, on relay carrier, brown
T54	54-pin connector
T73b	73-pin connector, colourless
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
*	Only models with start/stop system

ws	=	white
sw	=	black
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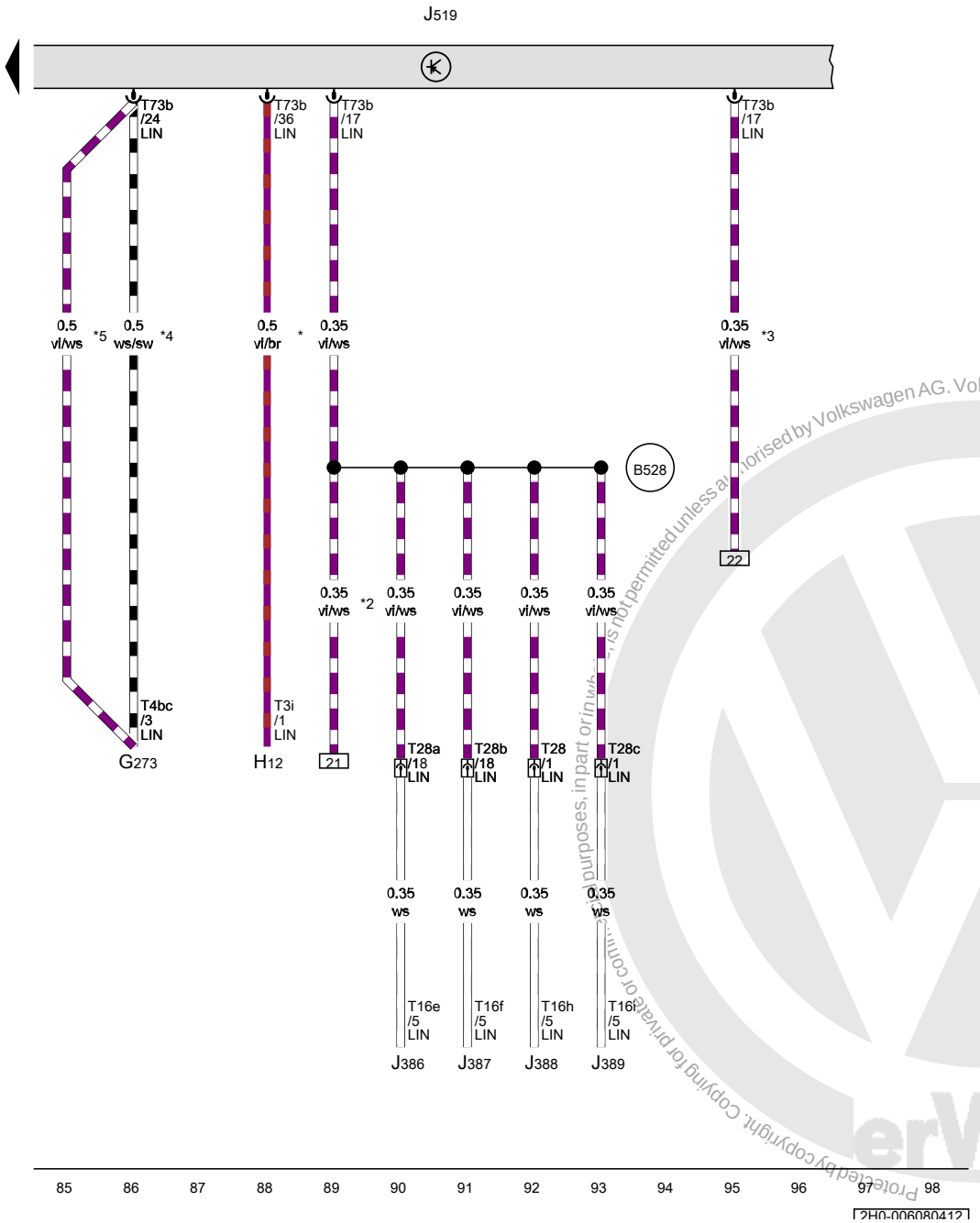

Interior monitoring sensor, Onboard supply control unit

G273	Interior monitoring sensor
H12	Alarm horn
J386	Driver door control unit
J387	Front passenger door control unit
J388	Rear left door control unit
J389	Rear right door control unit
J519	Onboard supply control unit, near driver side A-pillar
T3i	3-pin connector
T4bc	4-pin connector
T16e	16-pin connector
T16f	16-pin connector
T16h	16-pin connector
T16i	16-pin connector
T28	28-pin connector, on left B-pillar
T28a	28-pin connector, on left A-pillar
T28b	28-pin connector, on right A-pillar
T28c	28-pin connector, on right B-pillar
T73b	73-pin connector, colourless
B528	Connection 1 (LIN bus) in main wiring harness
*	For models with anti-theft alarm system
*2	Only models with electric window regulators
*3	Only models with manual window regulators
*4	Only models with interior monitor
*5	From November 2011

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
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Airbag systems

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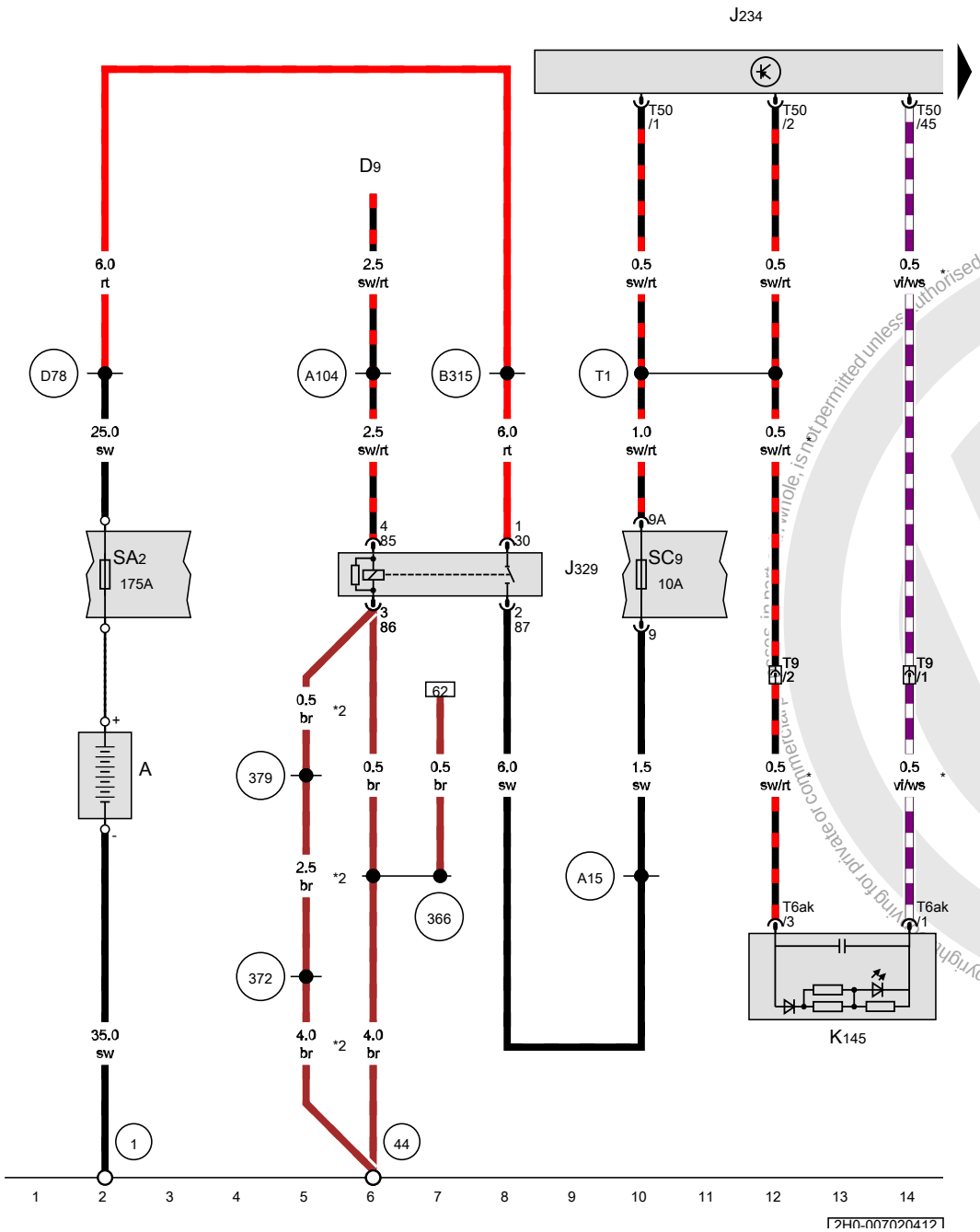

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Battery, Electronic ignition lock, Airbag control unit, Front passenger side airbag deactivated warning lamp, Fuse 2 in fuse holder A, Fuse 9 on fuse holder C

A	Battery
D9	Electronic ignition lock
J234	Airbag control unit, under centre console
J329	Terminal 15 voltage supply relay
K145	Front passenger side airbag deactivated warning lamp, near radio
SA2	Fuse 2 in fuse holder A
SC9	Fuse 9 on fuse holder C
T6ak	6-pin connector
T9	9-pin connector, on relay carrier, yellow
T50	50-pin connector
1	Earth strap, battery - body
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
372	Earth connection 7, in main wiring harness
379	Earth connection 14, in main wiring harness
A15	Positive connection (15), in instrument wiring harness
A104	Positive connection 2 (15), in dash panel wiring harness
B315	Positive connection 1 (30a) in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
T1	Positive connection 1, in airbag wiring harness
*	Only models with key operated switch to deactivate front passenger airbag/ side airbag/ belt buckle sensor
*2	From November 2011

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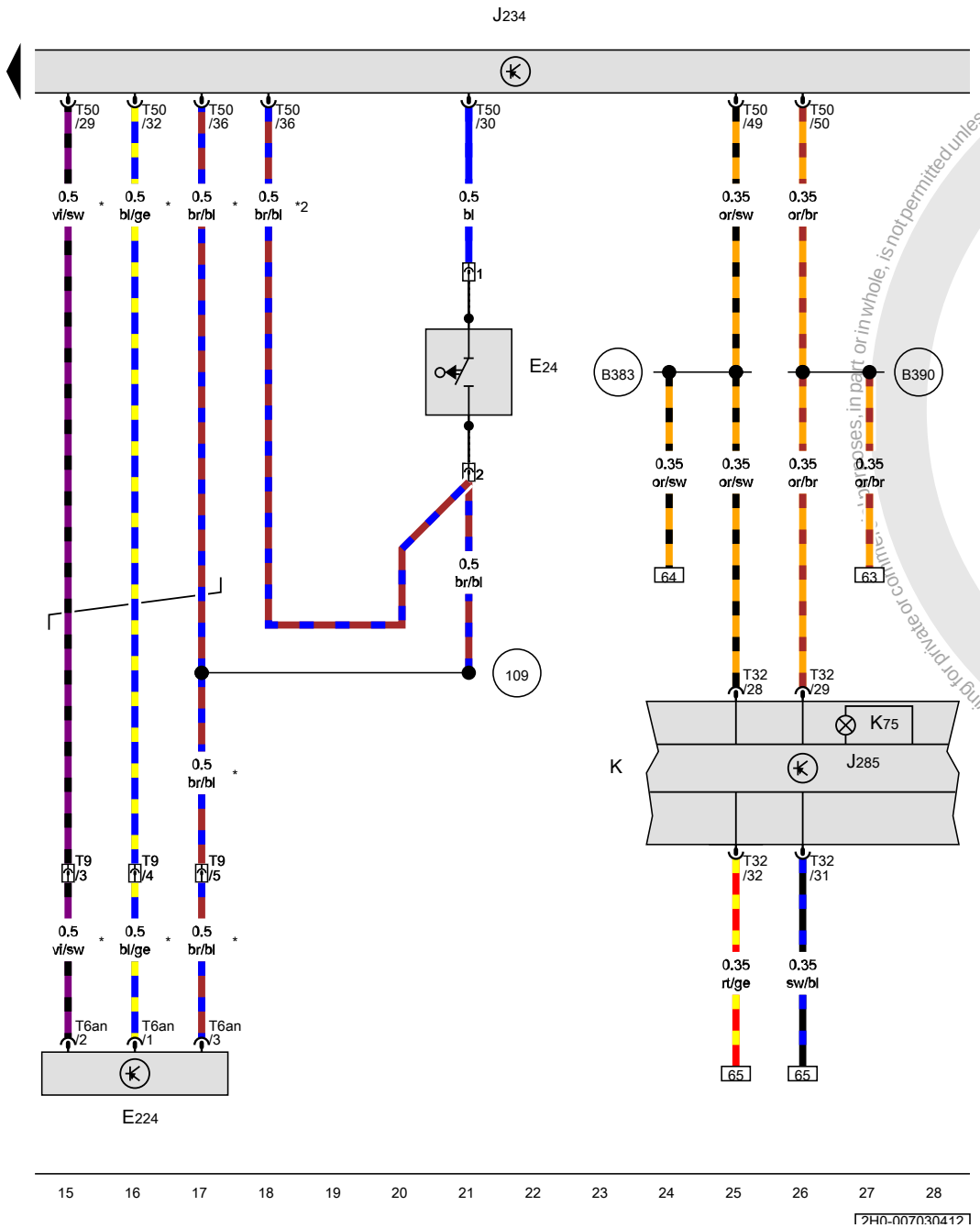

Driver side belt switch, Key operated switch to deactivate front passenger side airbag, Airbag control unit, Dash panel insert

E24	Driver side belt switch
E224	Key operated switch to deactivate front passenger side airbag
J234	Airbag control unit, under centre console
J285	Control unit in dash panel insert
K	Dash panel insert
K75	Airbag warning lamp
T2yasx	2-pin connector, black
T6an	6-pin connector
T9	9-pin connector, on relay carrier, yellow
T32	32-pin connector, blue
T50	50-pin connector
109	Earth connection, in airbag wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	Only models with key operated switch to deactivate front passenger airbag/ side airbag/ belt buckle sensor
*2	Only models with no side airbag, no front passenger airbag and no key operated switch

ws	=	white
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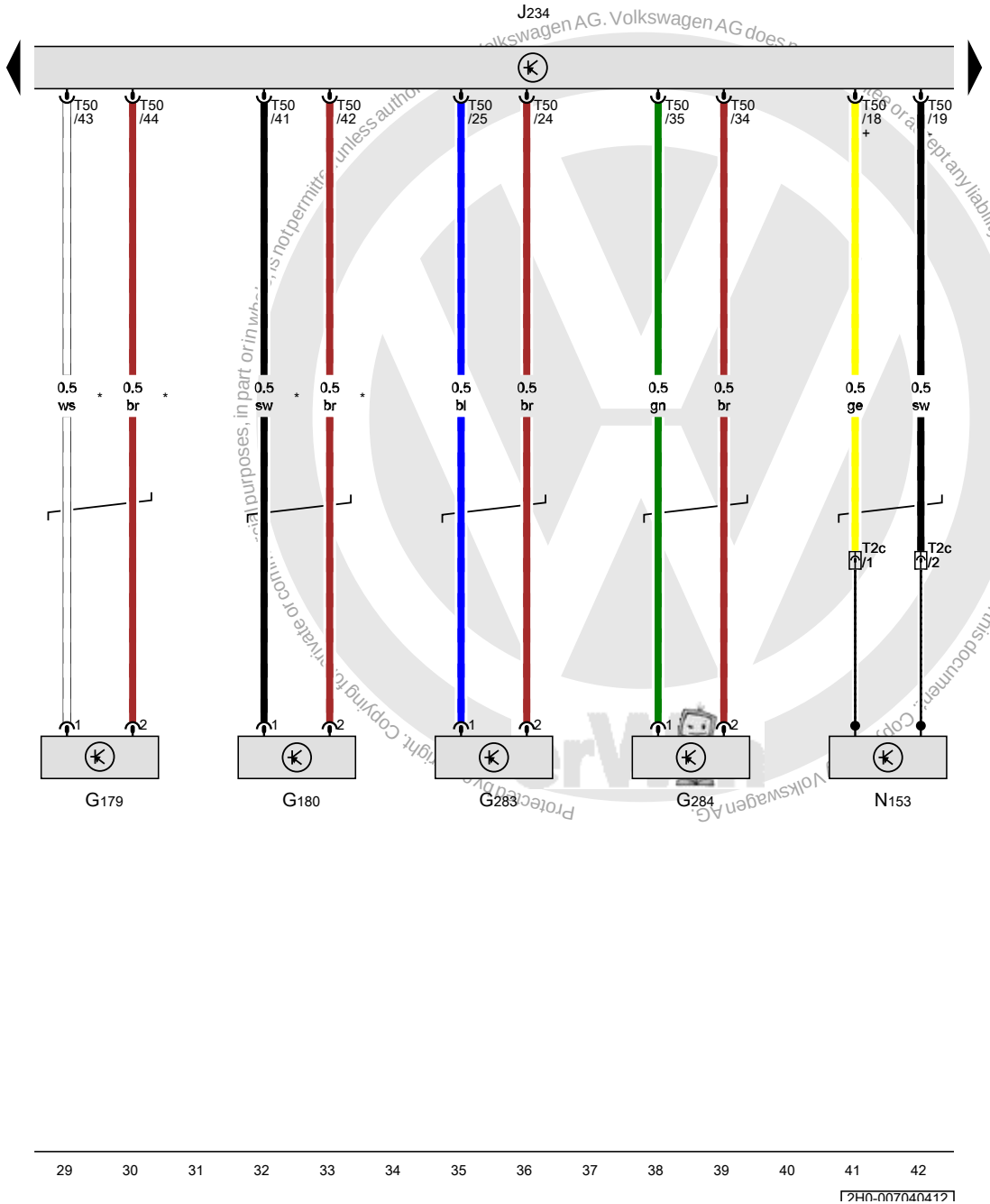

Side airbag crash sensor on driver side, Side airbag crash sensor on front passenger side, Front airbag crash sensor for driver side, Front airbag crash sensor for front passenger side, Airbag control unit, Driver seat belt tensioner igniter 1

G179	Side airbag crash sensor on driver side, on left B-pillar
G180	Side airbag crash sensor on front passenger side, on right B-pillar
G283	Front airbag crash sensor for driver side, near left headlight
G284	Front airbag crash sensor for front passenger side, near right headlight
J234	Airbag control unit, under centre console
N153	Driver seat belt tensioner igniter 1
T2c	2-pin connector
T50	50-pin connector
*	Only models with front head-thorax airbag

ws	=	white
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rs	=	pink

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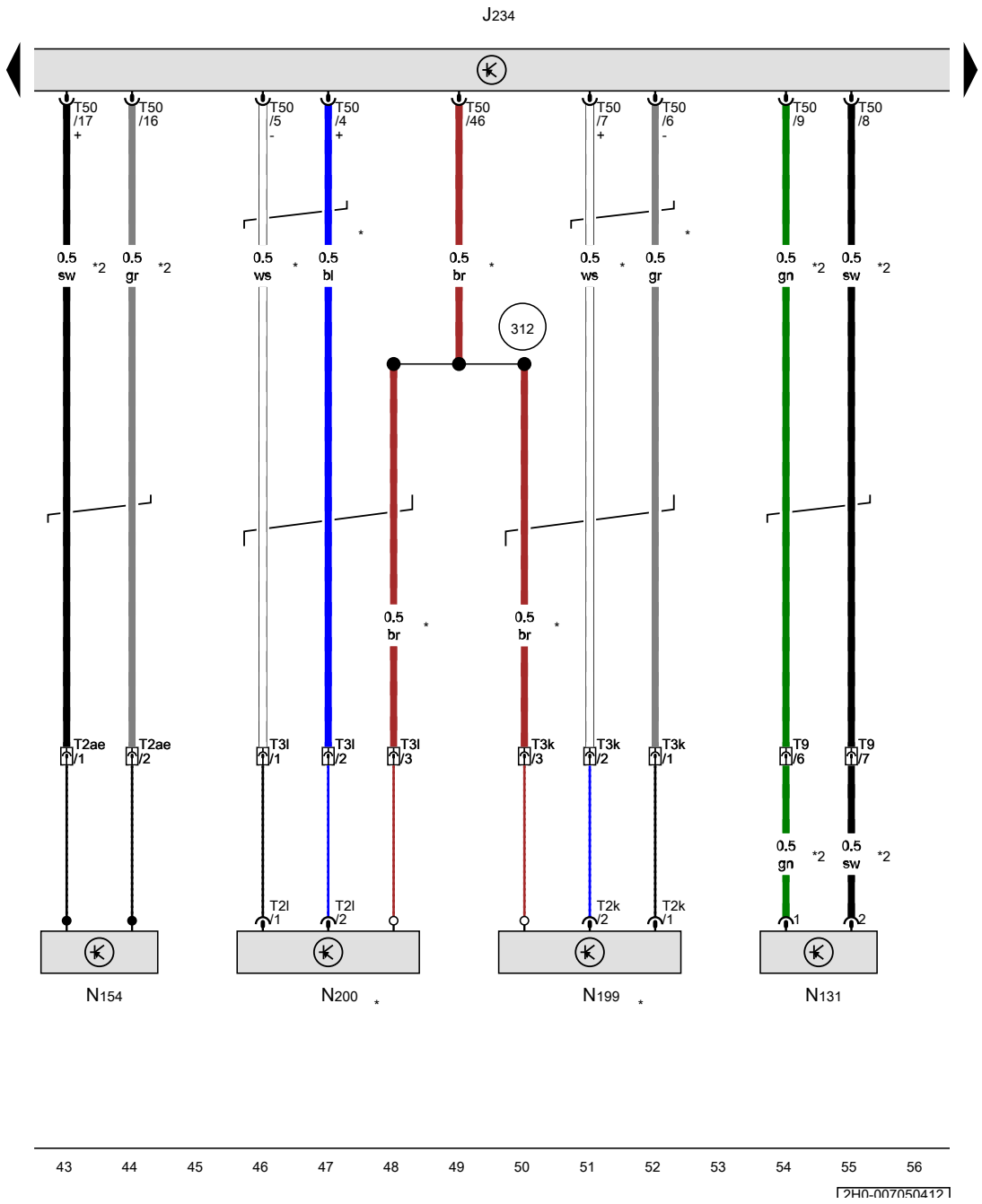

Airbag control unit, Front passenger side airbag igniter 1, Front passenger seat belt tensioner igniter 1, Side airbag igniter on driver side, Side airbag igniter on front passenger side

J234	Airbag control unit, under centre console
N131	Front passenger side airbag igniter 1
N154	Front passenger seat belt tensioner igniter 1
N199	Side airbag igniter on driver side
N200	Side airbag igniter on front passenger side
T2ae	2-pin connector, yellow
T2k	2-pin connector
T2l	2-pin connector
T3k	3-pin connector, under driver seat, yellow
T3l	3-pin connector, Coupling point under front passenger seat, yellow
T9	9-pin connector, on relay carrier, yellow
T50	50-pin connector
312	Earth connection 2, in airbag wiring harness
*	Only models with front head-thorax airbag
*2	Only models with front passenger airbag

ws	=	white
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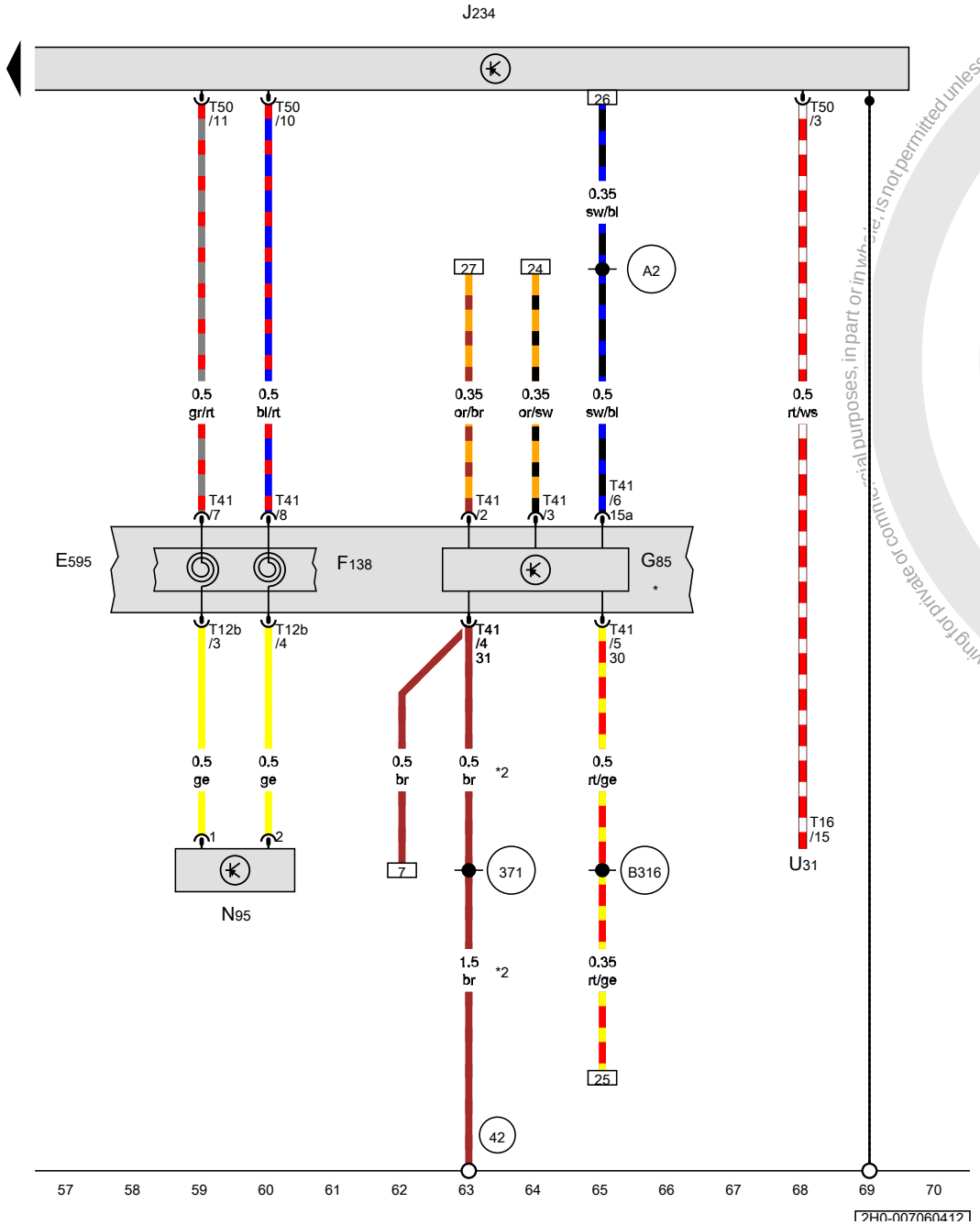

Steering column combination switch, Airbag coil connector and return ring with slip ring, Airbag control unit, Driver side airbag igniter, Diagnostic connection

E595	Steering column combination switch
F138	Airbag coil connector and return ring with slip ring
G85	Steering angle sender
J234	Airbag control unit, under centre console
N95	Driver side airbag igniter
T12b	12-pin connector
T16	16-pin connector
T41	41-pin connector, grey
T50	50-pin connector
U31	Diagnostic connection, near driver side A-pillar
42	Earth point, next to steering column
371	Earth connection 6, in main wiring harness
A2	Positive connection (15), in dash panel wiring harness
B316	Positive connection 2 (30a) in main wiring harness
*	Only models with anti-lock brake system (ABS) and electronic stabilisation program (ESP)
*2	From November 2011

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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Central locking, window regulators and mirror adjustment, RHD vehicles

From December 2009

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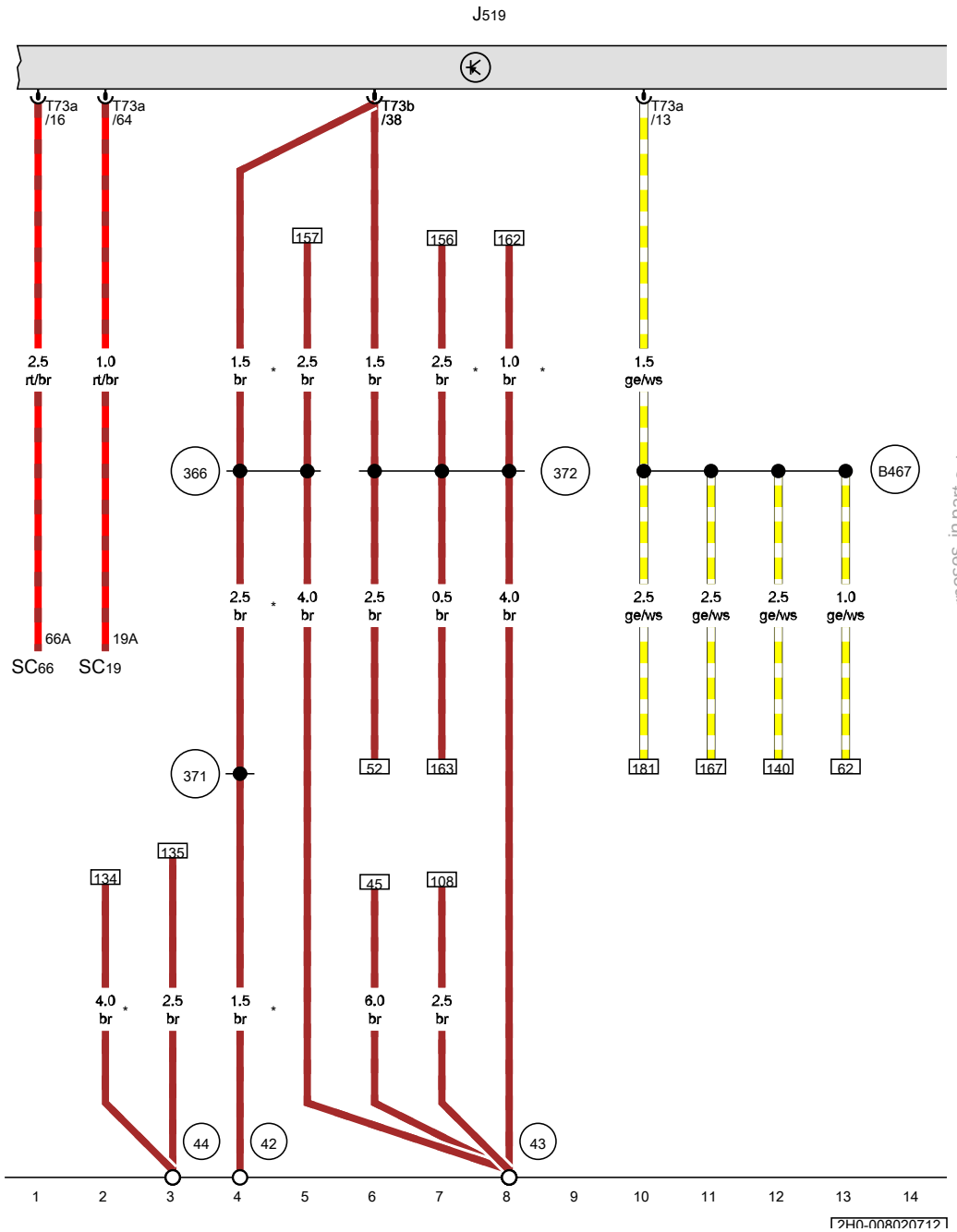

Onboard supply control unit, Fuse 19 on fuse holder C, Fuse 66 on fuse holder C

J519	Onboard supply control unit
SC19	Fuse 19 on fuse holder C
SC66	Fuse 66 on fuse holder C
T73a	73-pin connector
T73b	73-pin connector
42	Earth point, next to steering column
43	Earth point, lower part of right A-pillar
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
371	Earth connection 6, in main wiring harness
372	Earth connection 7, in main wiring harness
B467	Connection 3, in main wiring harness
*	From November 2011

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
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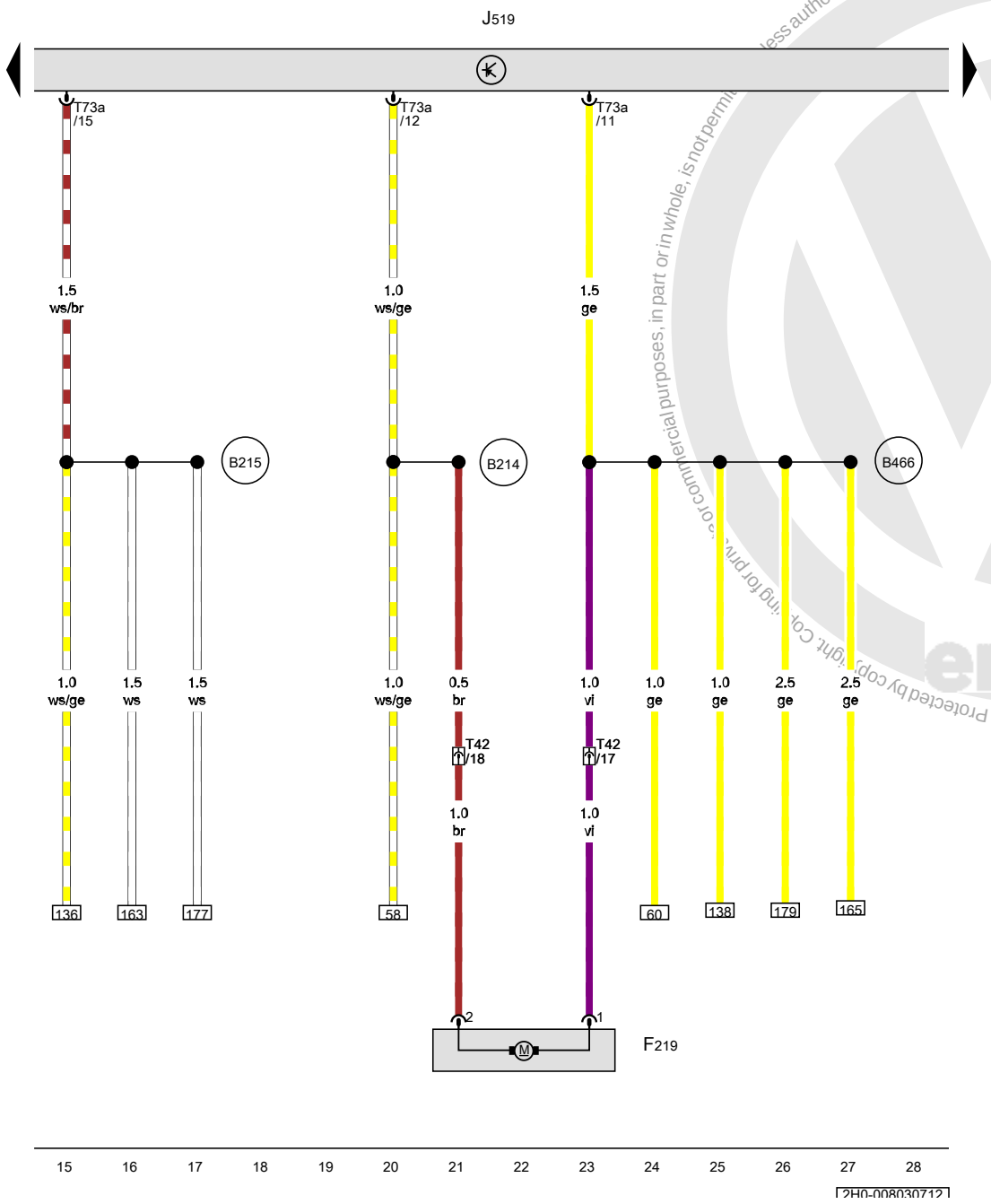
Fuel tank filler flap central locking actuator, Onboard supply control unit

F219	Fuel tank filler flap central locking actuator
J519	Onboard supply control unit
T42	42-pin connector
T73a	73-pin connector
B214	Connection 1 (central locking), in interior wiring harness
B215	Connection 2 (central locking), in interior wiring harness
B466	Connection 2, in main wiring harness



ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
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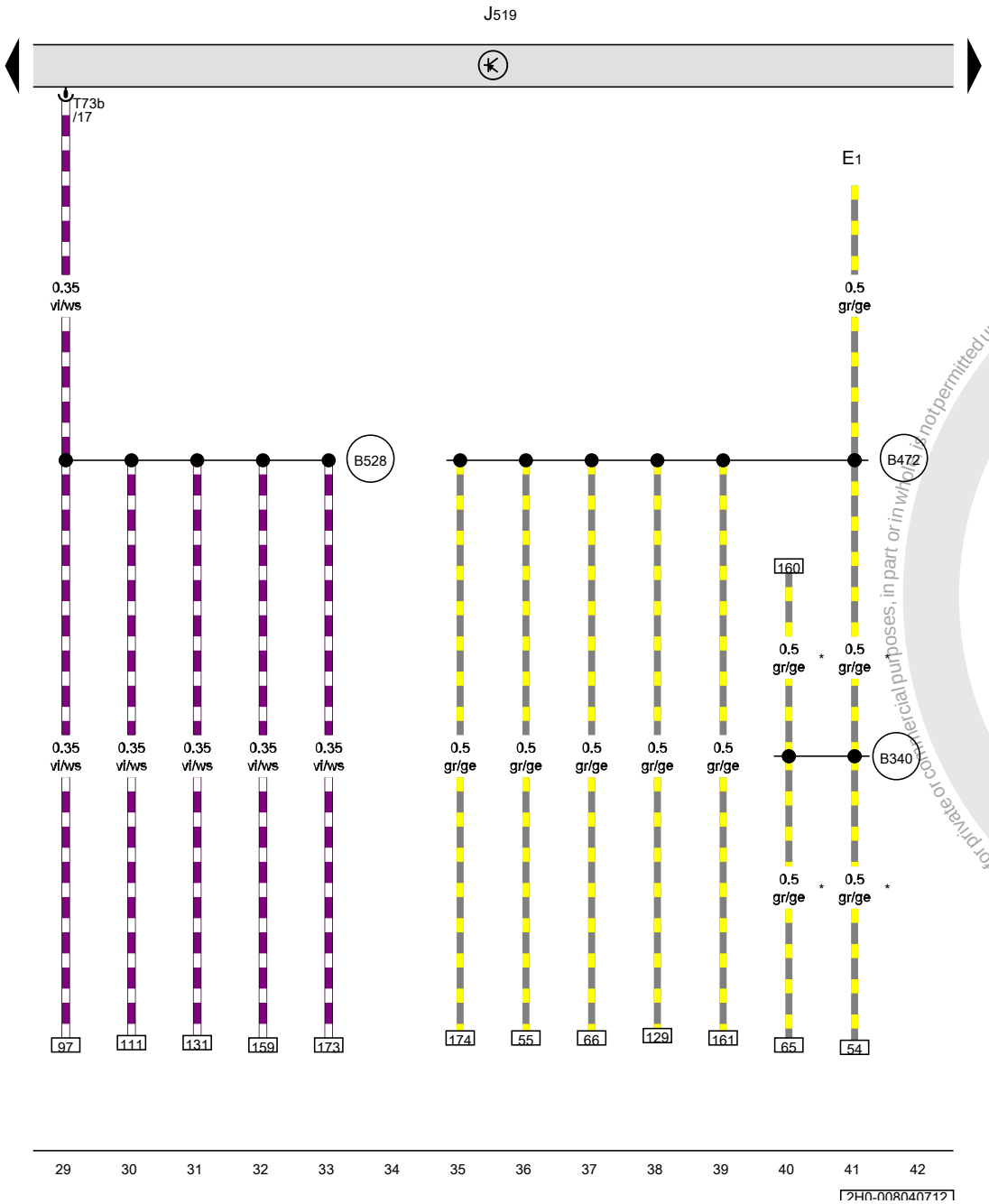

Light switch, Onboard supply control unit

E1	Light switch
J519	Onboard supply control unit
T73b	73-pin connector
B340	Connection 1 (58d), in main wiring harness
B472	Connection 8, in main wiring harness
B528	Connection 1 (LIN bus), in main wiring harness
*	From November 2011

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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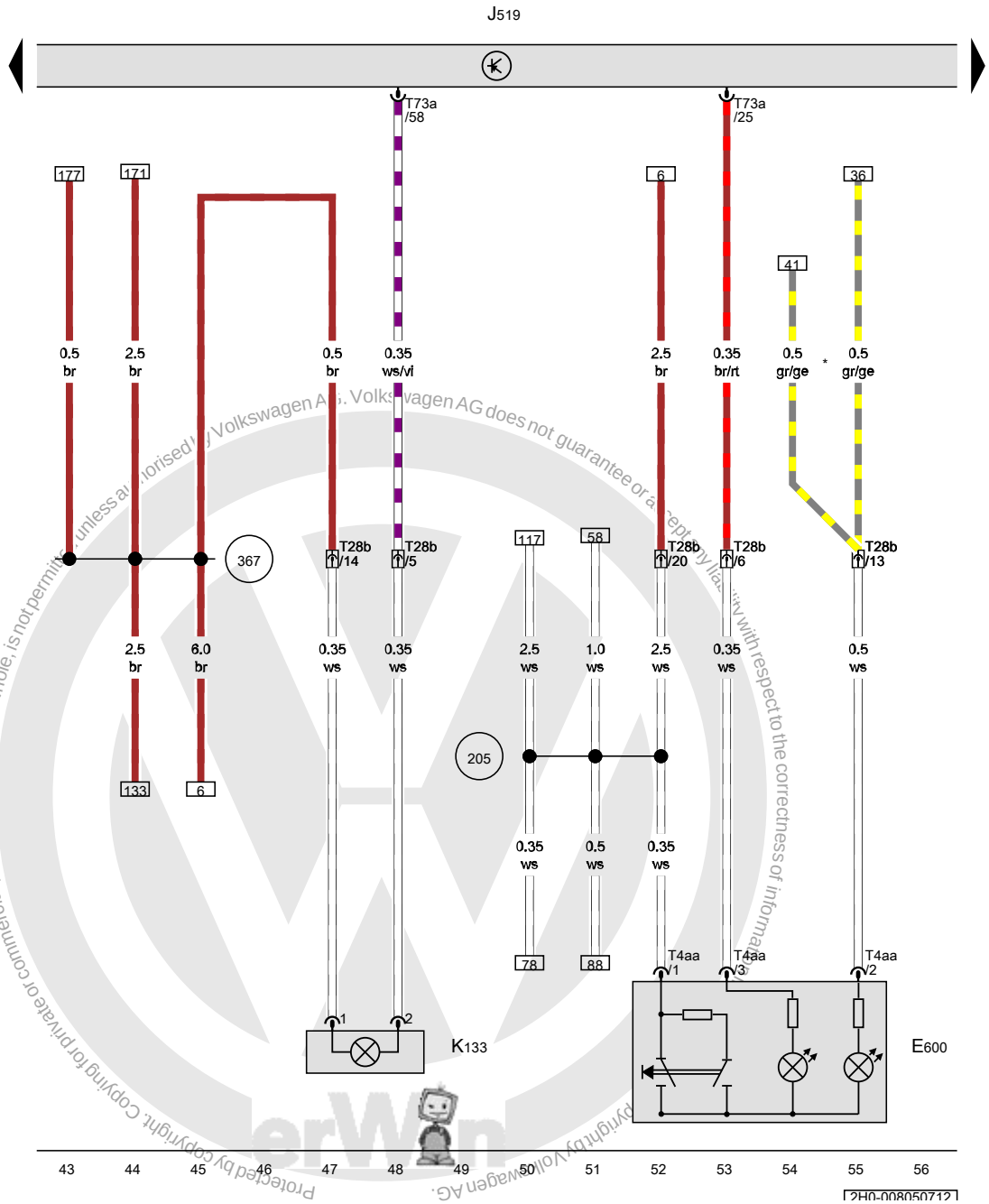

Central locking button, Onboard supply control unit, Central locking SAFELOCK function warning lamp

E600	Central locking button
J519	Onboard supply control unit
K133	Central locking SAFELOCK function warning lamp
T4aa	4-pin connector
T28b	28-pin connector
T73a	73-pin connector
205	Earth connection, in driver door wiring harness
367	Earth connection 2, in main wiring harness
*	From November 2011

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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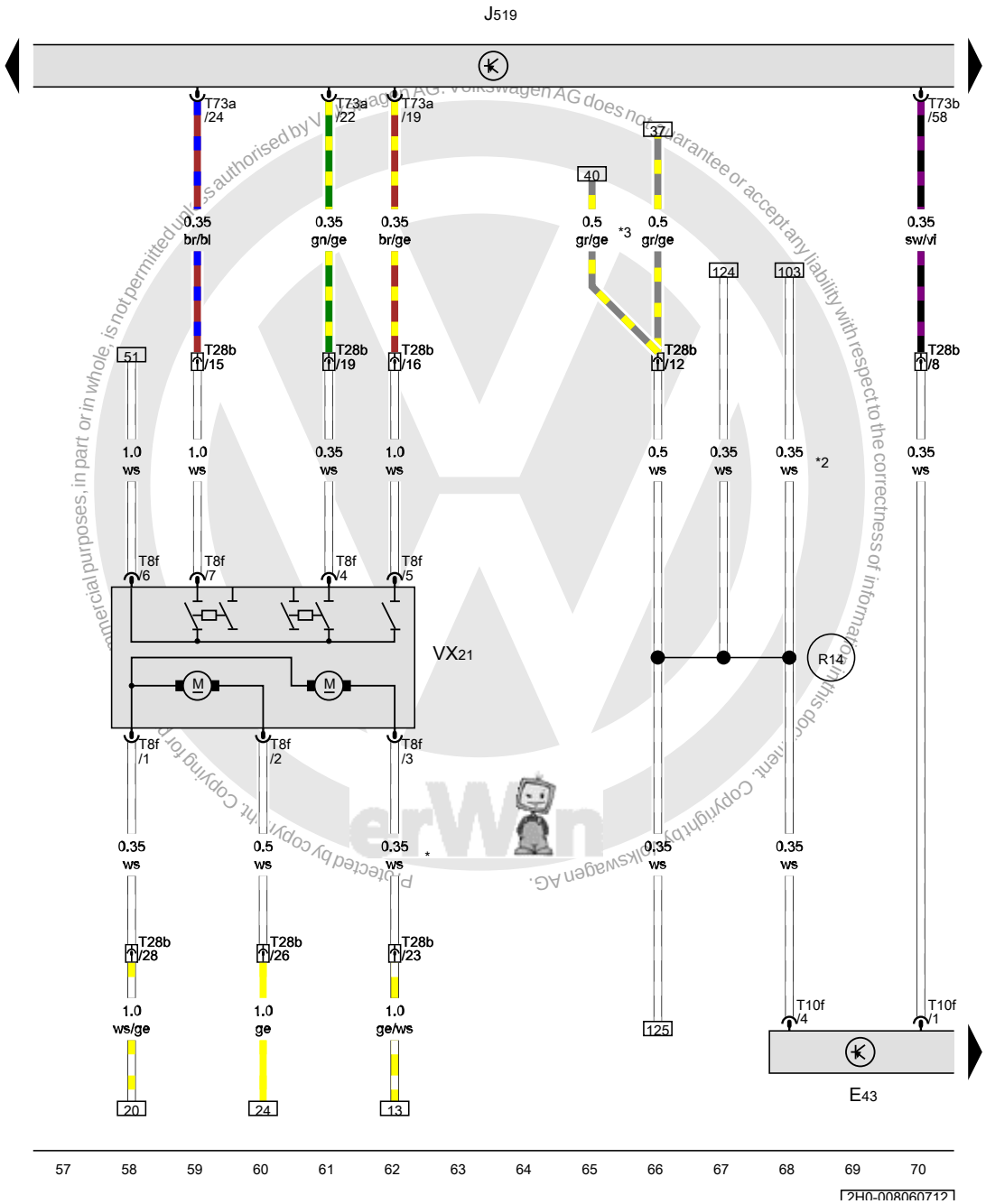

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gr = grey
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Mirror adjustment switch, Onboard supply control unit, Driver door lock unit

E43	Mirror adjustment switch
J519	Onboard supply control unit
T8f	8-pin connector
T10f	10-pin connector
T28b	28-pin connector
T73a	73-pin connector
T73b	73-pin connector
VX21	Driver door lock unit
R14	Connection 1 (open), in driver door wiring harness
*	Only models with SAFELOCK function
*2	Only models with 2-doors
*3	From November 2011

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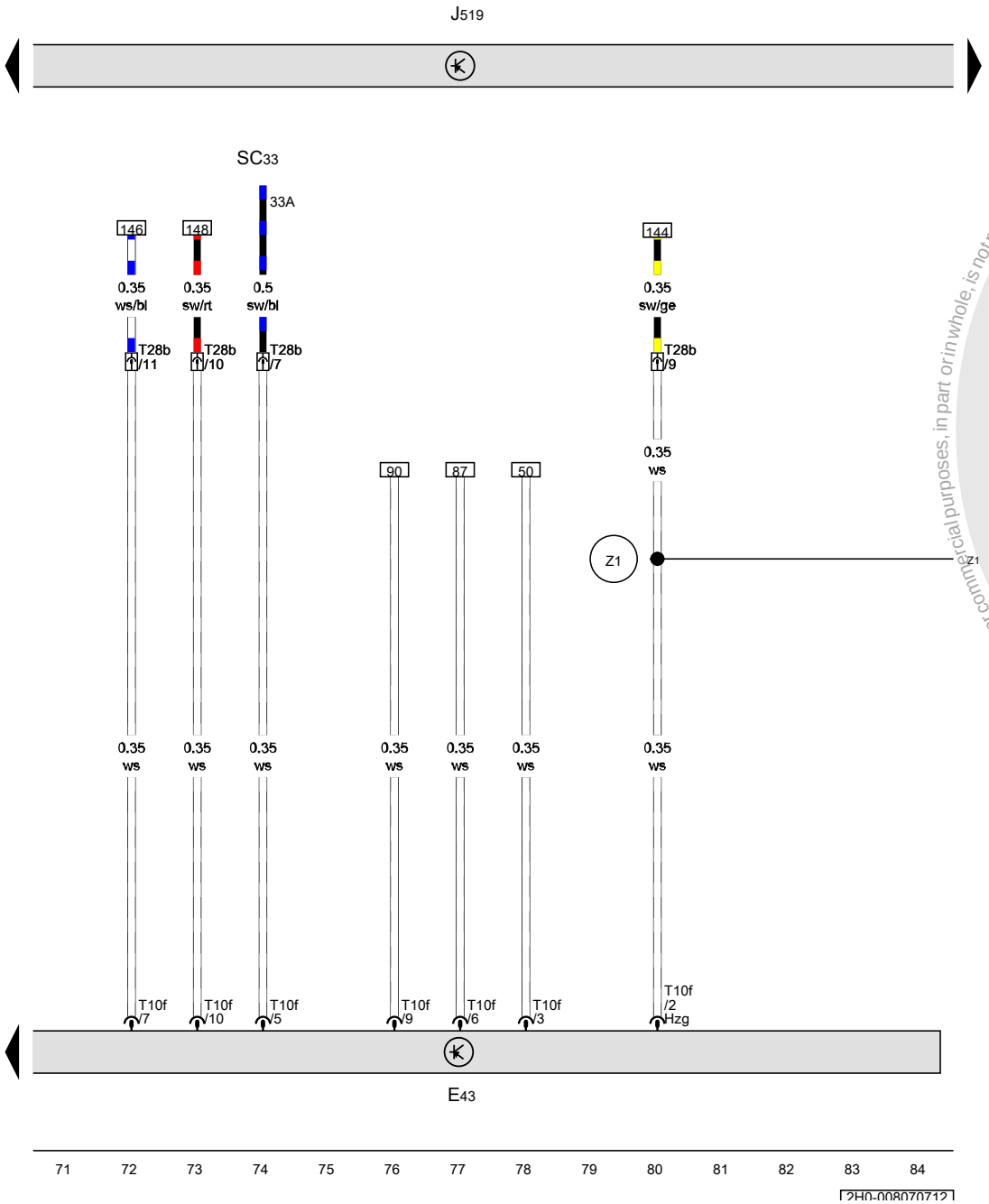
Mirror adjustment switch, Onboard supply control unit, Fuse 33 on fuse holder C

E43	Mirror adjustment switch
J519	Onboard supply control unit
SC33	Fuse 33 on fuse holder C
T10f	10-pin connector
T28b	28-pin connector
Z1	Connection 1, in mirror adjustment/heating wiring harness



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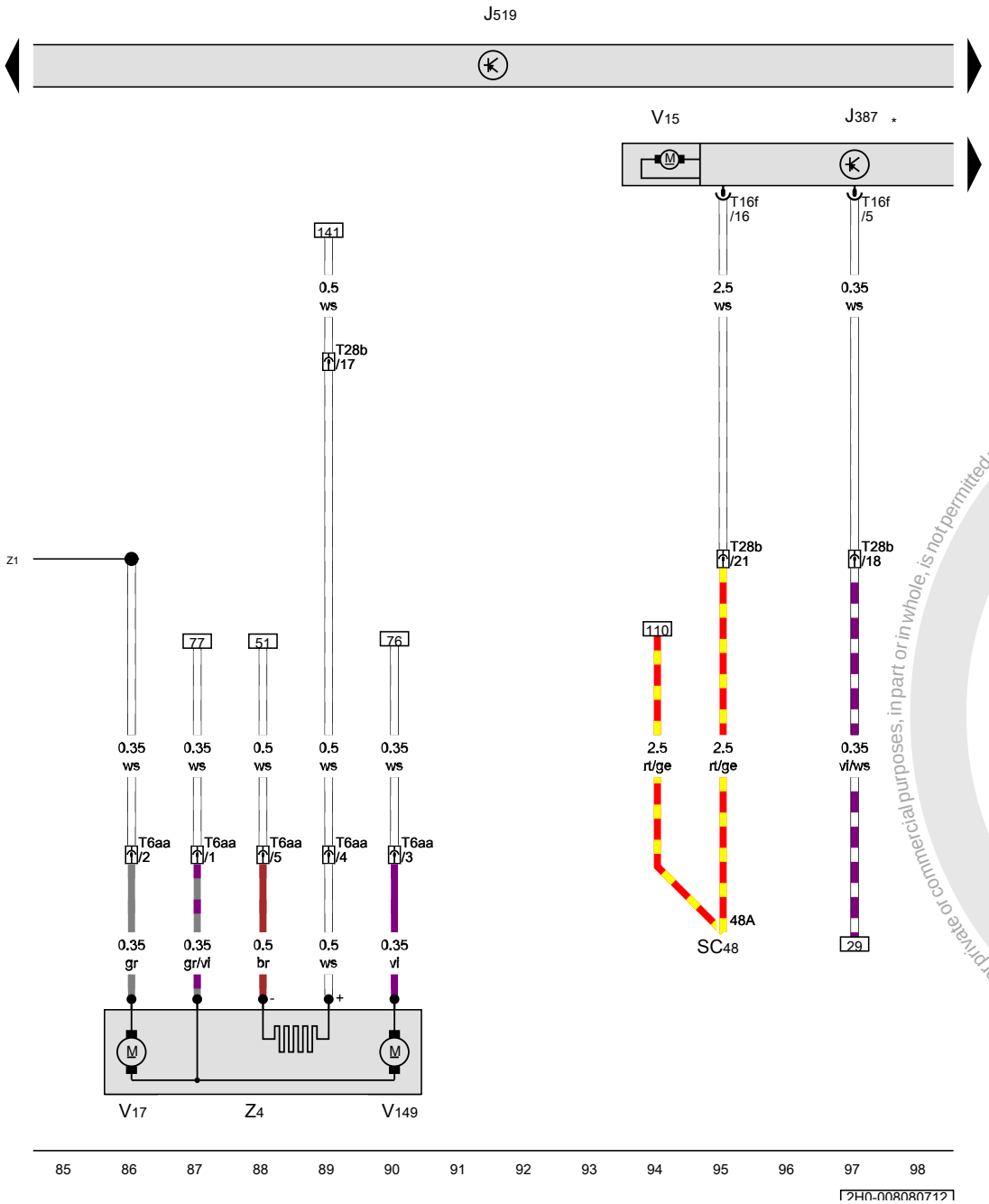

Front passenger door control unit, Onboard supply control unit, Fuse 48 on fuse holder C, Right window regulator motor, Heated exterior mirror on driver side

J387	Front passenger door control unit
J519	Onboard supply control unit
SC48	Fuse 48 on fuse holder C
T6aa	6-pin connector
T16f	16-pin connector
T28b	28-pin connector
V15	Right window regulator motor
V17	Driver side mirror adjustment motor
V149	Driver side mirror adjustment motor
Z4	Heated exterior mirror on driver side
Z1	Connection 1, in mirror adjustment/heating wiring harness
*	Only models with 2-doors

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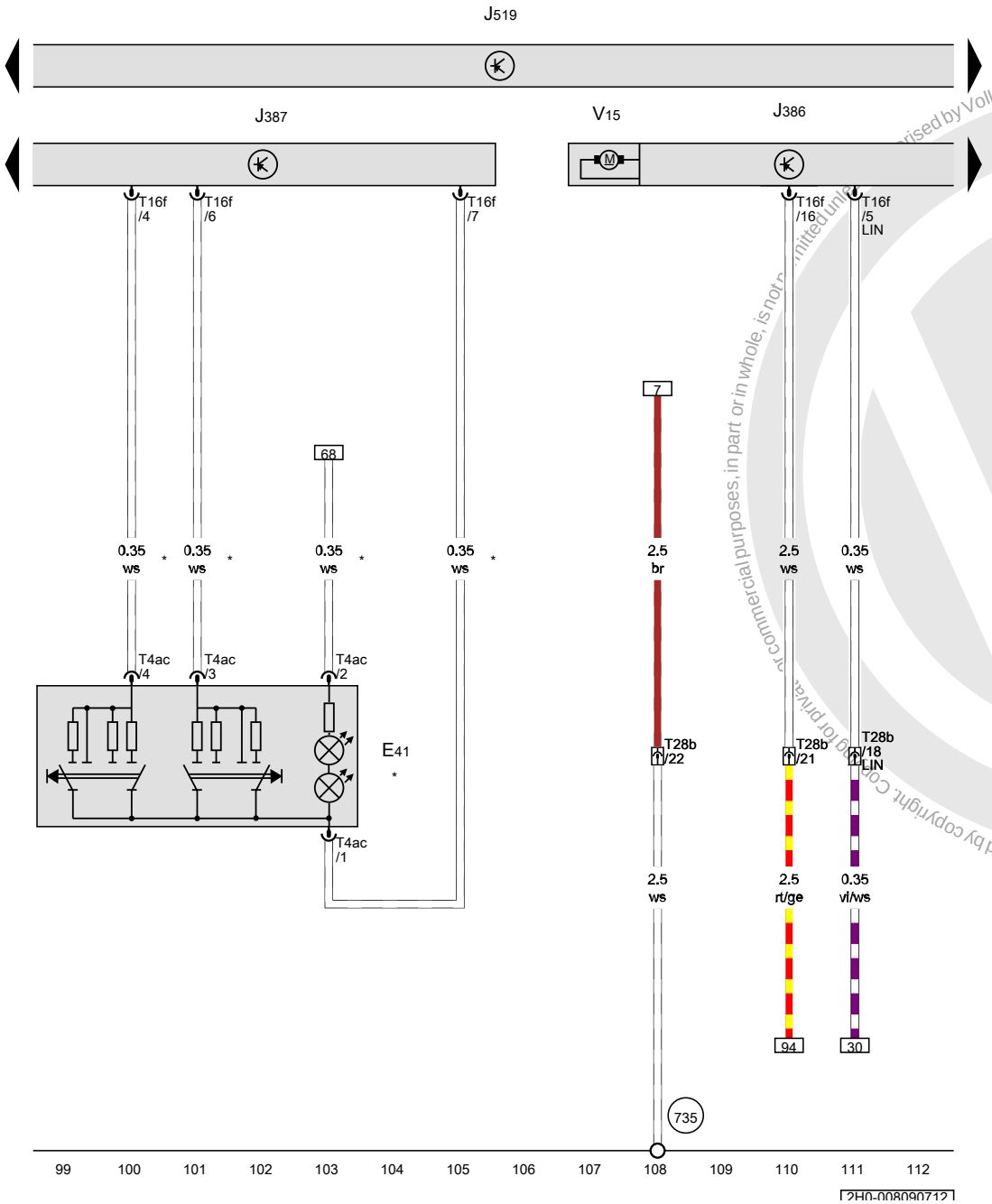

Front right window regulator switch, Driver door control unit, Front passenger door control unit, Onboard supply control unit, Right window regulator motor

E41	Front right window regulator switch
J386	Driver door control unit
J387	Front passenger door control unit
J519	Onboard supply control unit
T4ac	4-pin connector
T16f	16-pin connector
T28b	28-pin connector
V15	Right window regulator motor
(735)	Earth point in front right door
*	Only models with 2-doors

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
bl	=	blue
gr	=	grey
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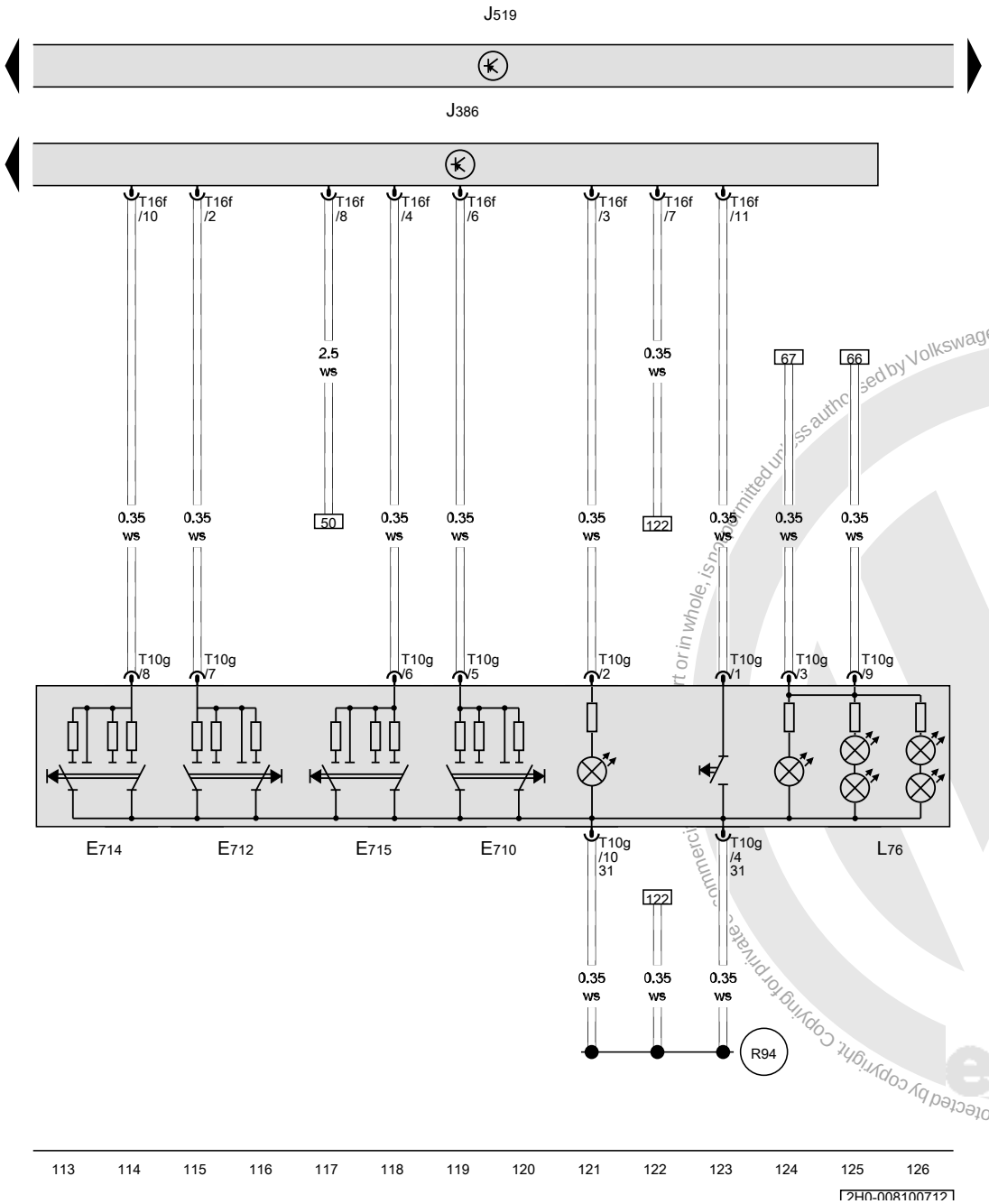

Childproof lock button, Front driver side window regulator button, Rear driver side window regulator button, in driver door, Rear passenger side window regulator button, in driver door, Front passenger side window regulator button, in driver door, Driver door control unit, Onboard supply control unit, Button illumination bulb

E318	Childproof lock button
E710	Front driver side window regulator button
E712	Rear driver side window regulator button, in driver door
E714	Rear passenger side window regulator button, in driver door
E715	Front passenger side window regulator button, in driver door
J386	Driver door control unit
J519	Onboard supply control unit
K236	Warning light for activated childproof lock
L76	Button illumination bulb
T10g	10-pin connector
T16f	16-pin connector
R94	Connection 1 in driver side door wiring harness

ws	=	white
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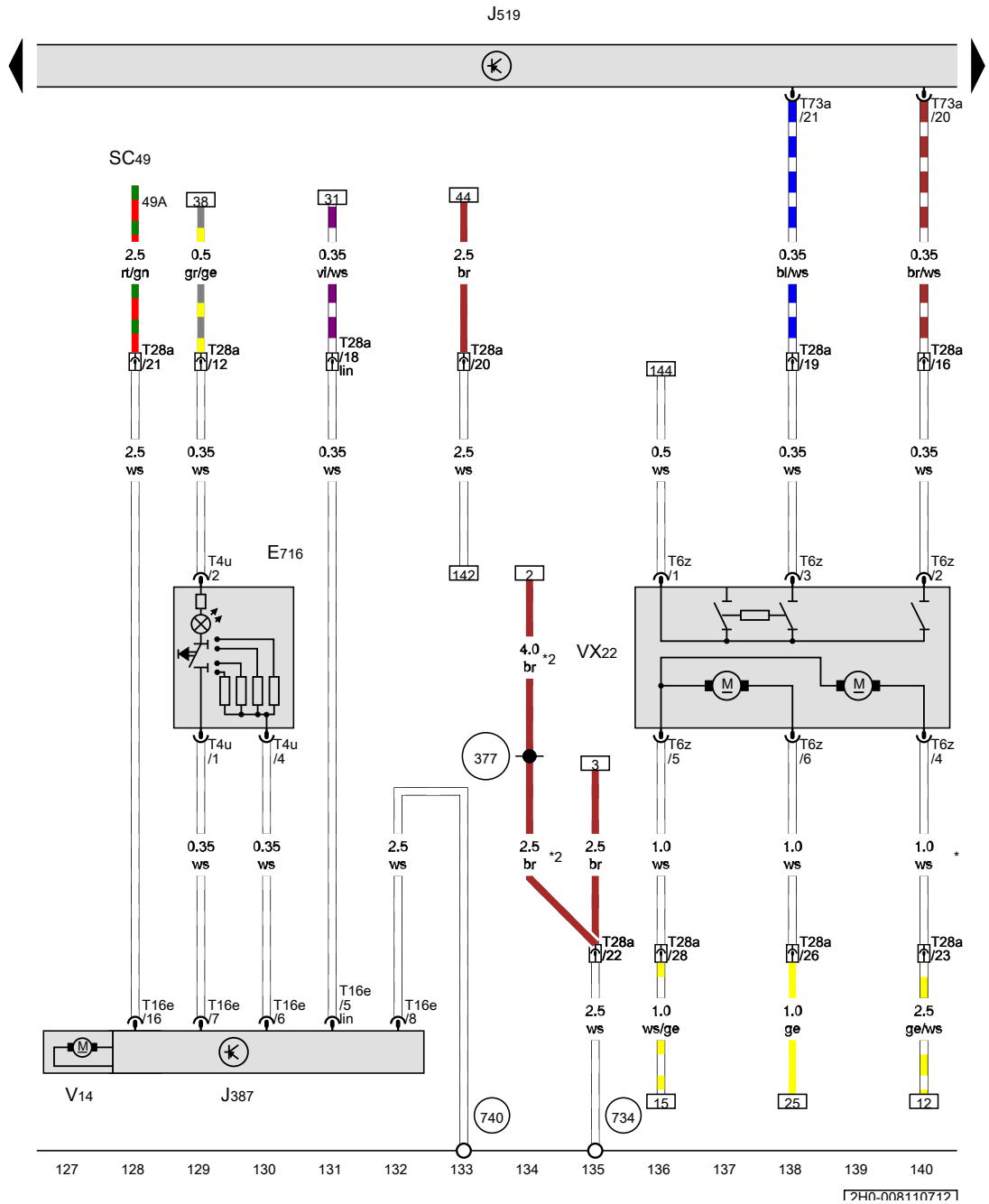

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Front passenger side window regulator button, Front passenger door control unit, Onboard supply control unit, Fuse 49 on fuse holder C, Left window regulator motor, Front passenger door lock unit

E716	Front passenger side window regulator button
J387	Front passenger door control unit
J519	Onboard supply control unit
SC49	Fuse 49 on fuse holder C
T4u	4-pin connector
T6z	6-pin connector
T16e	16-pin connector
T28a	28-pin connector
T73a	73-pin connector
V14	Left window regulator motor
VX22	Front passenger door lock unit
377	Earth connection 12, in main wiring harness
734	Earth point in front left door
740	Earth point 2 in front left door
*	Only models with SAFELOCK function
*2	From November 2011

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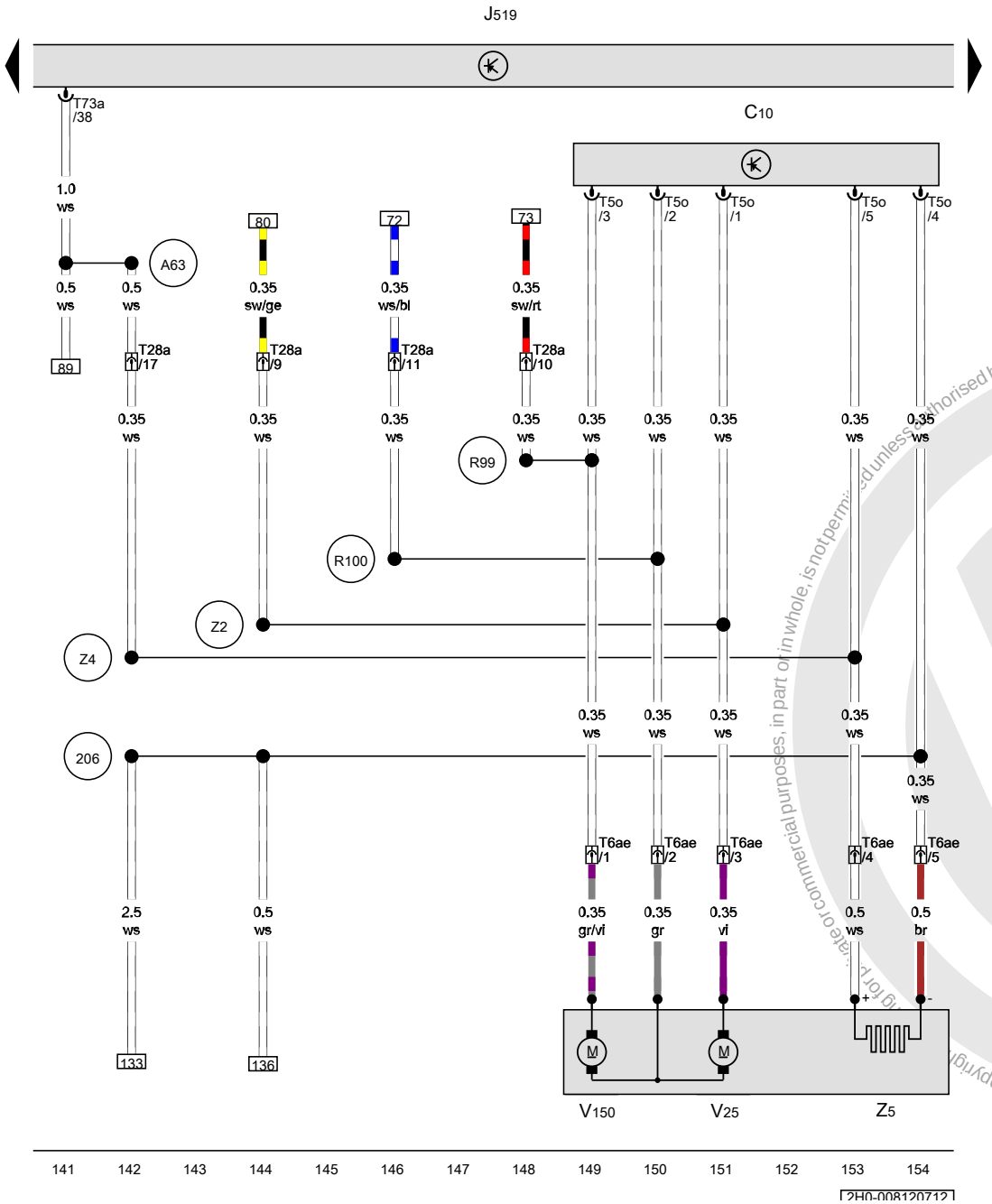

Suppression filter, Onboard supply control unit, Heated exterior mirror on front passenger side

C10	Suppression filter
J519	Onboard supply control unit
T5o	5-pin connector
T6ae	6-pin connector
T28a	28-pin connector
T73a	73-pin connector
V25	Front passenger side mirror adjustment motor
V150	Front passenger side mirror adjustment motor
Z5	Heated exterior mirror on front passenger side
206	Earth connection, in front passenger door wiring harness
A63	Connection (mirror adjustment/heating), in dash panel wiring harness
R99	Connection 2 in front passenger side door wiring harness
R100	Connection 3 in front passenger side door wiring harness
Z2	Connection 2, in mirror adjustment/heating wiring harness
Z4	Positive connection (15a), in mirror adjustment/heating wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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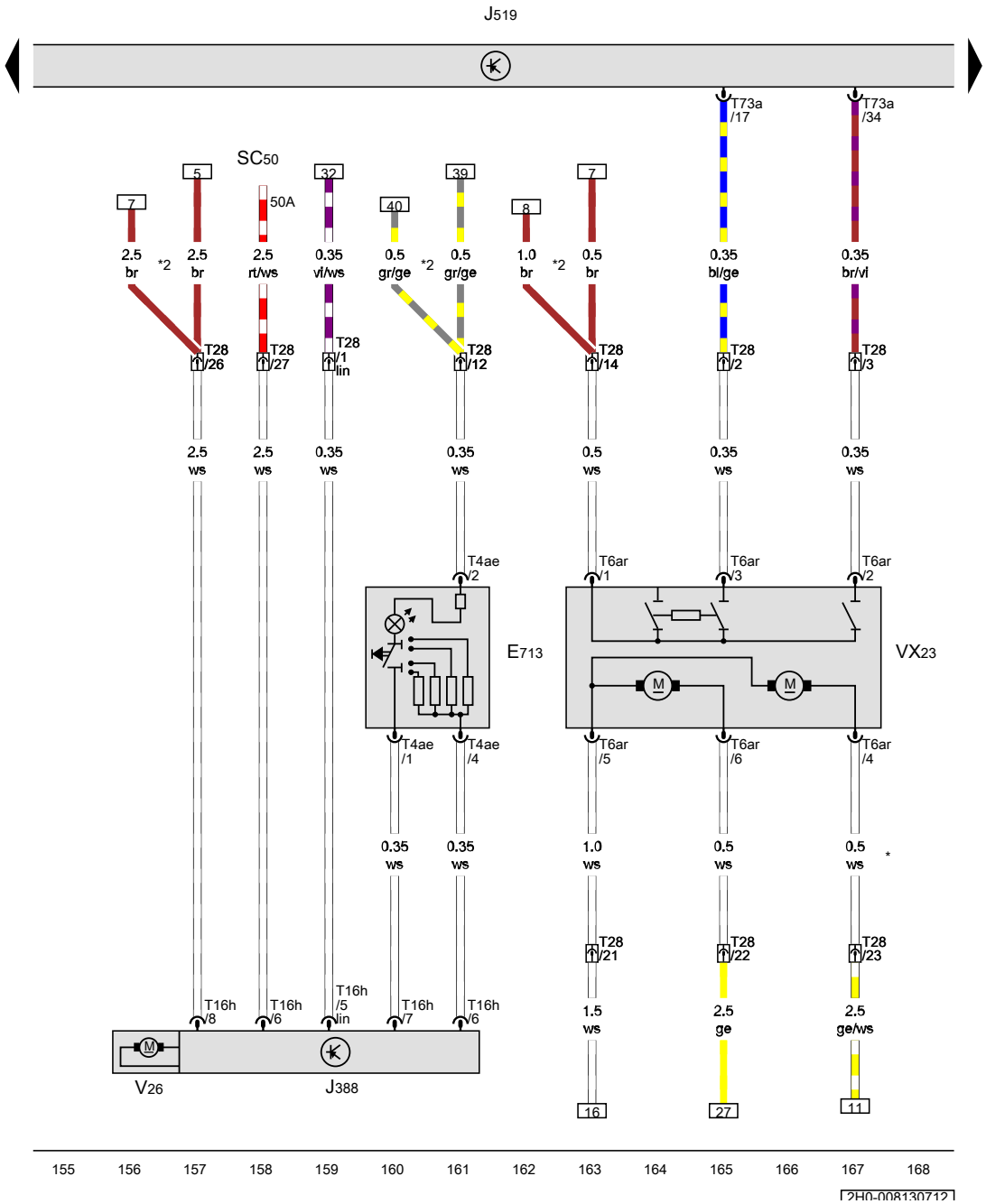

Rear passenger side window regulator button, Rear left door control unit, Onboard supply control unit, Fuse 50 on fuse holder C, Rear left door lock unit, Rear left window regulator motor

E713	Rear passenger side window regulator button
J388	Rear left door control unit
J519	Onboard supply control unit
SC50	Fuse 50 on fuse holder C
T4ae	4-pin connector
T6ar	6-pin connector
T16h	16-pin connector
T28	28-pin connector
T73a	73-pin connector
VX23	Rear left door lock unit
V26	Rear left window regulator motor
*	Only models with SAFELOCK function
*2	From November 2011

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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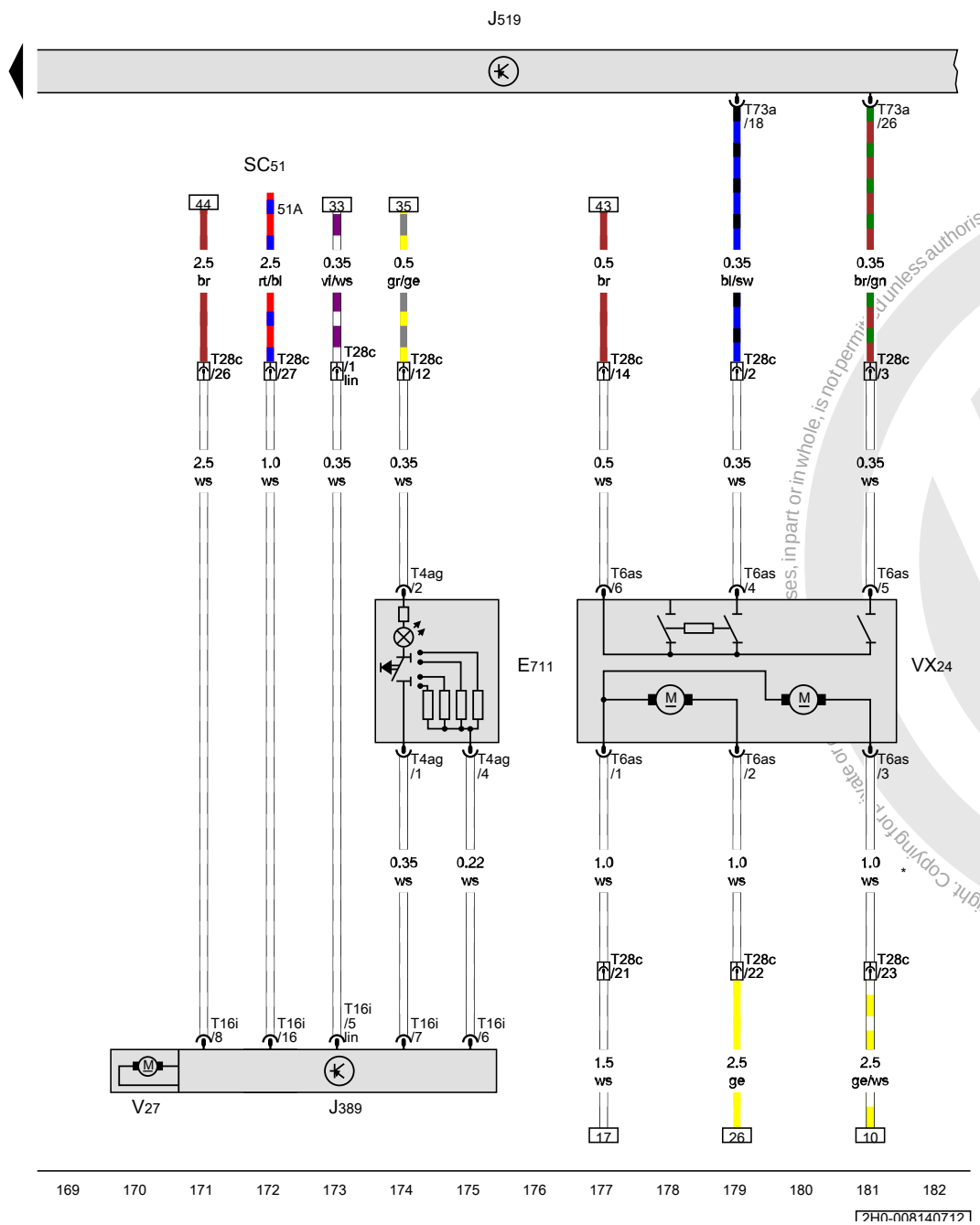

Rear driver side window regulator button, Rear right door control unit, Onboard supply control unit, Fuse 51 on fuse holder C, Rear right door lock unit, Rear right window regulator motor

E711	Rear driver side window regulator button
J389	Rear right door control unit
J519	Onboard supply control unit
SC51	Fuse 51 on fuse holder C
T4ag	4-pin connector
T6as	6-pin connector
T16i	16-pin connector
T28c	28-pin connector
T73a	73-pin connector
VX24	Rear right door lock unit
V27	Rear right window regulator motor
*	Only models with SAFELOCK function

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
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Anti-theft alarm system

From December 2009

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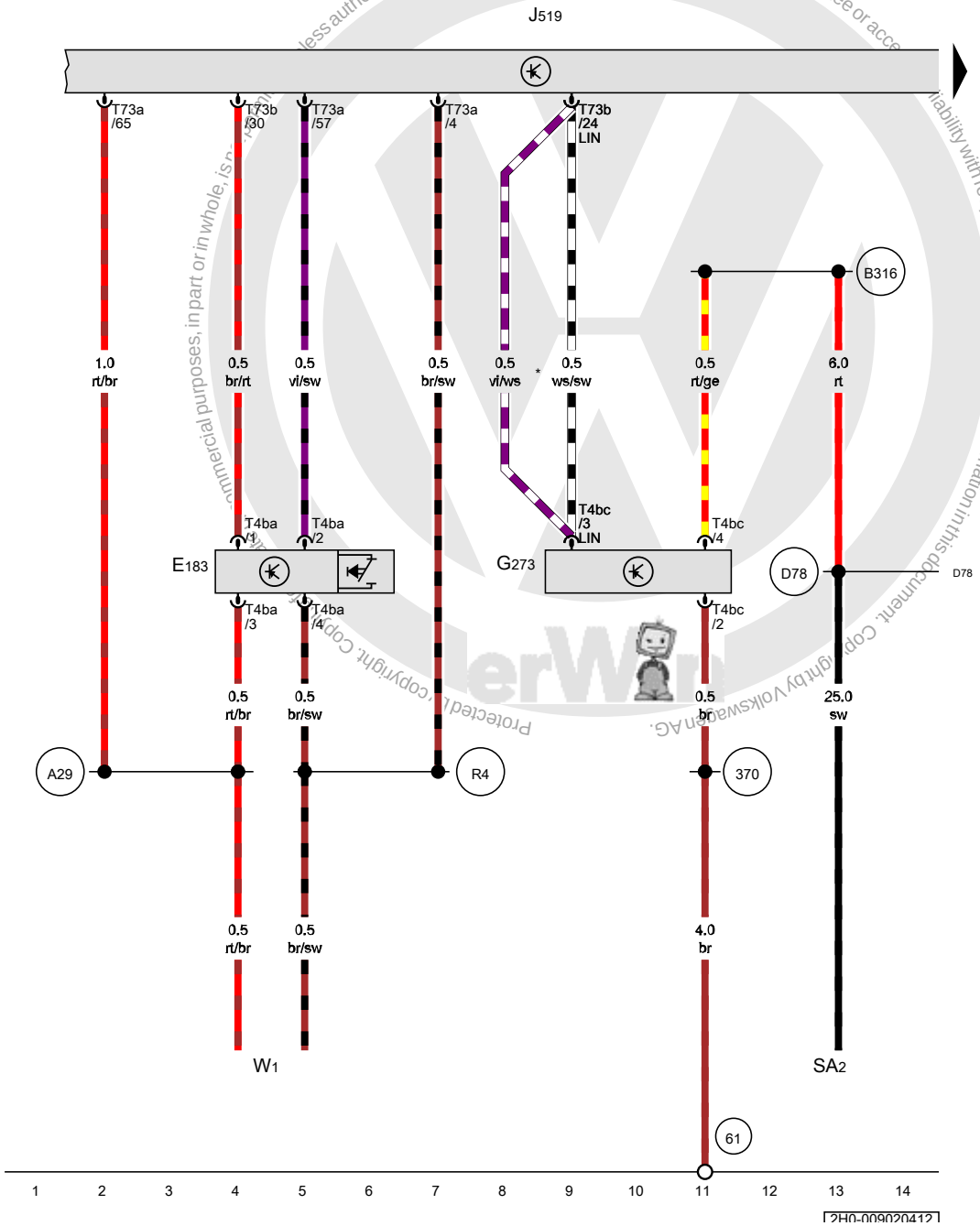

Interior monitoring switch, Interior monitoring sensor, Onboard supply control unit

E183	Interior monitoring switch
G273	Interior monitoring sensor
J519	Onboard supply control unit, near driver side A-pillar
SA2	Fuse 2 in fuse holder A
T4ba	4-pin connector, black
T4bc	4-pin connector, brown
T73a	73-pin connector, black
T73b	73-pin connector
W1	Front interior light
61	Earth point, left C-pillar
370	Earth connection 5, in main wiring harness
A29	Connection (interior light), in dash panel wiring harness
B316	Positive connection 2 (30a) in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
R4	Connection 1, in interior light/door contact switch wiring harness
*	From November 2011

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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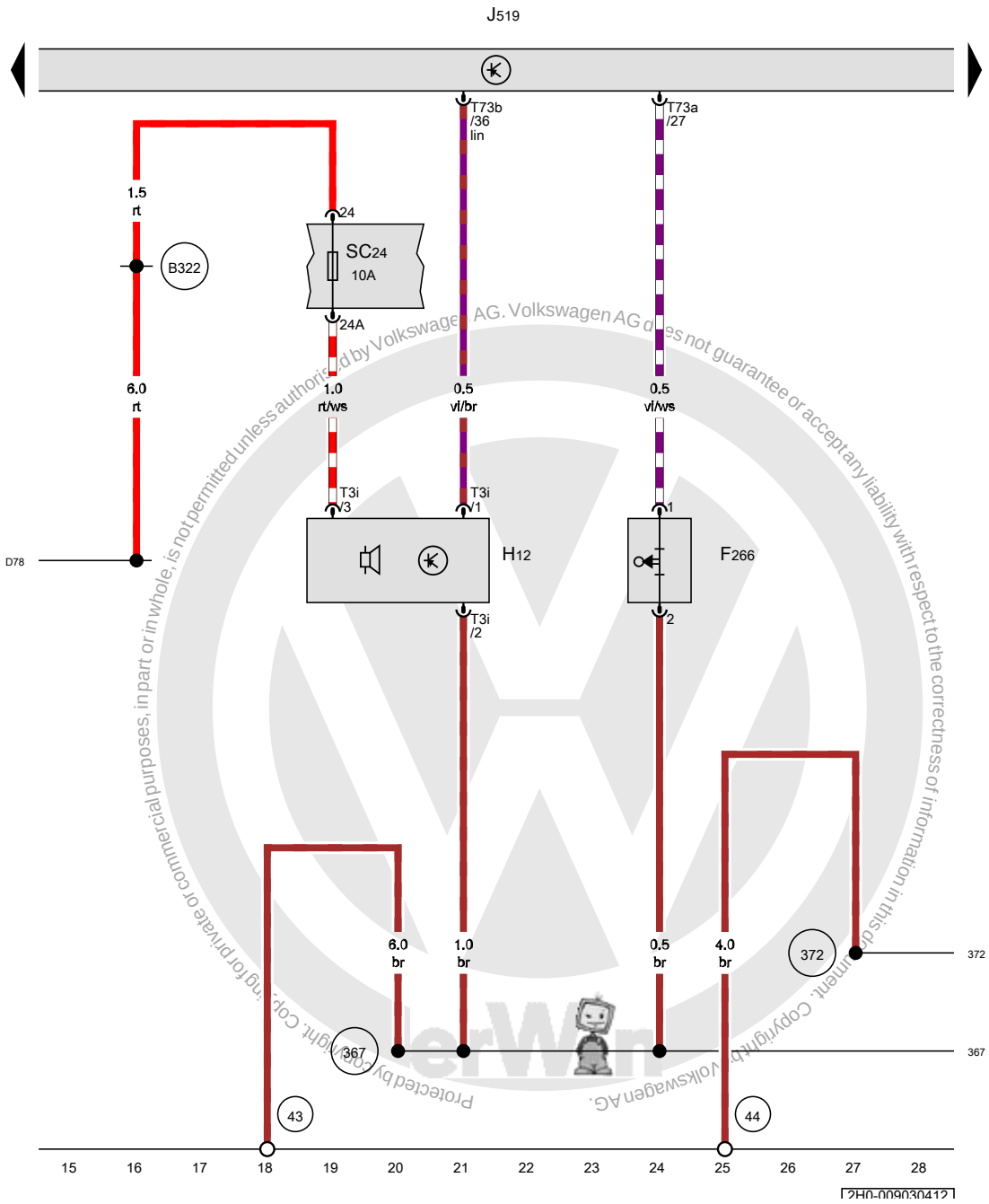

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Bonnet contact switch, Alarm horn, Onboard supply control unit, Fuse 24 on fuse holder C

F266	Bonnet contact switch
H12	Alarm horn
J519	Onboard supply control unit, near driver side A-pillar
SC24	Fuse 24 on fuse holder C
T3i	3-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector
43	Earth point, lower part of right A-pillar
44	Earth point, lower part of left A-pillar
367	Earth connection 2, in main wiring harness
372	Earth connection 7, in main wiring harness
B322	Positive connection 8 (30a) in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness

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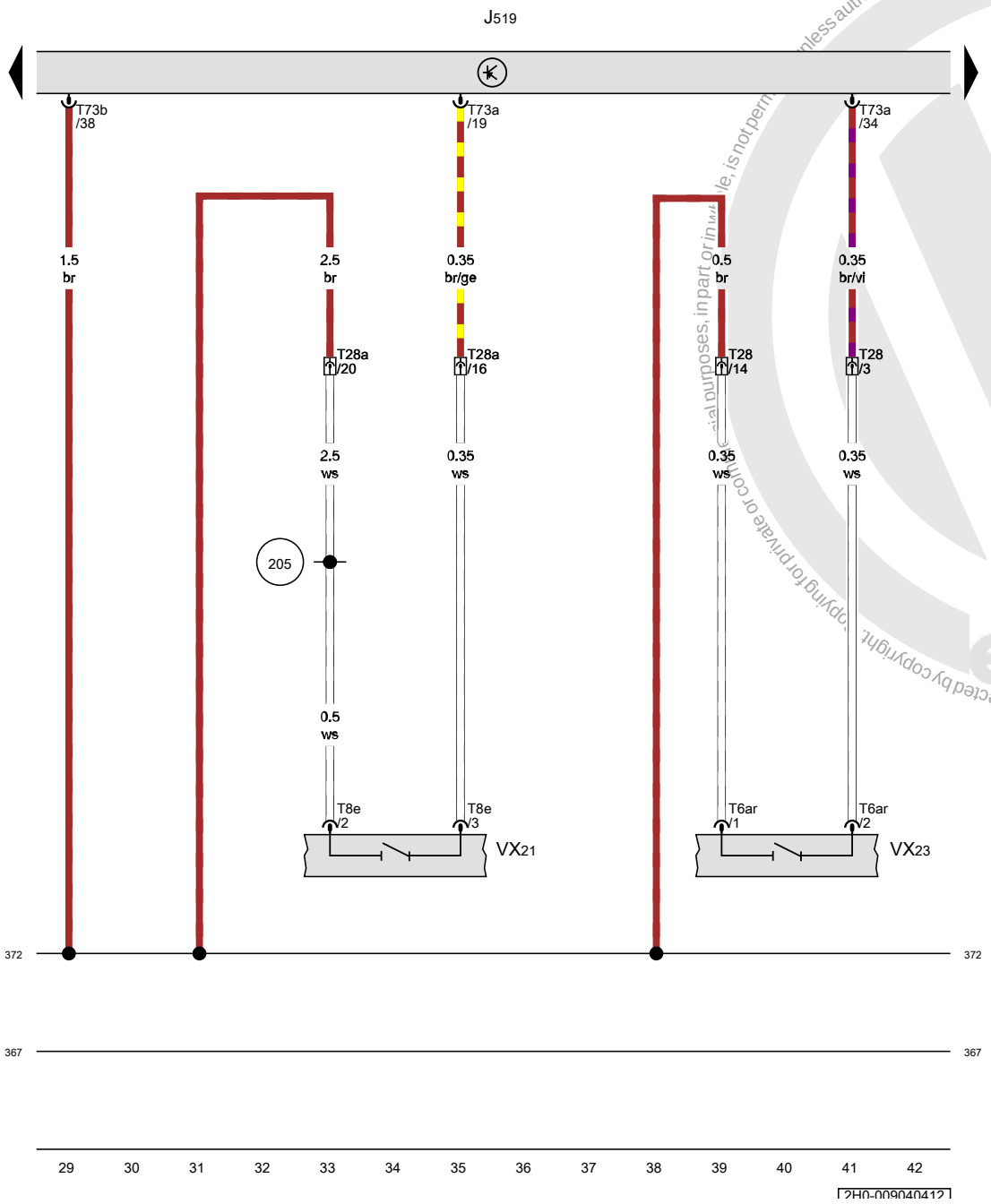

Onboard supply control unit, Driver door lock unit, Rear left door lock unit

J519	Onboard supply control unit, near driver side A-pillar
T6ar	6-pin connector
T8e	8-pin connector
T28	28-pin connector, on left B-pillar
T28a	28-pin connector, on left A-pillar
T73a	73-pin connector, black
T73b	73-pin connector
VX21	Driver door lock unit
VX23	Rear left door lock unit
205	Earth connection, in driver door wiring harness
367	Earth connection 2, in main wiring harness
372	Earth connection 7, in main wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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or	=	orange
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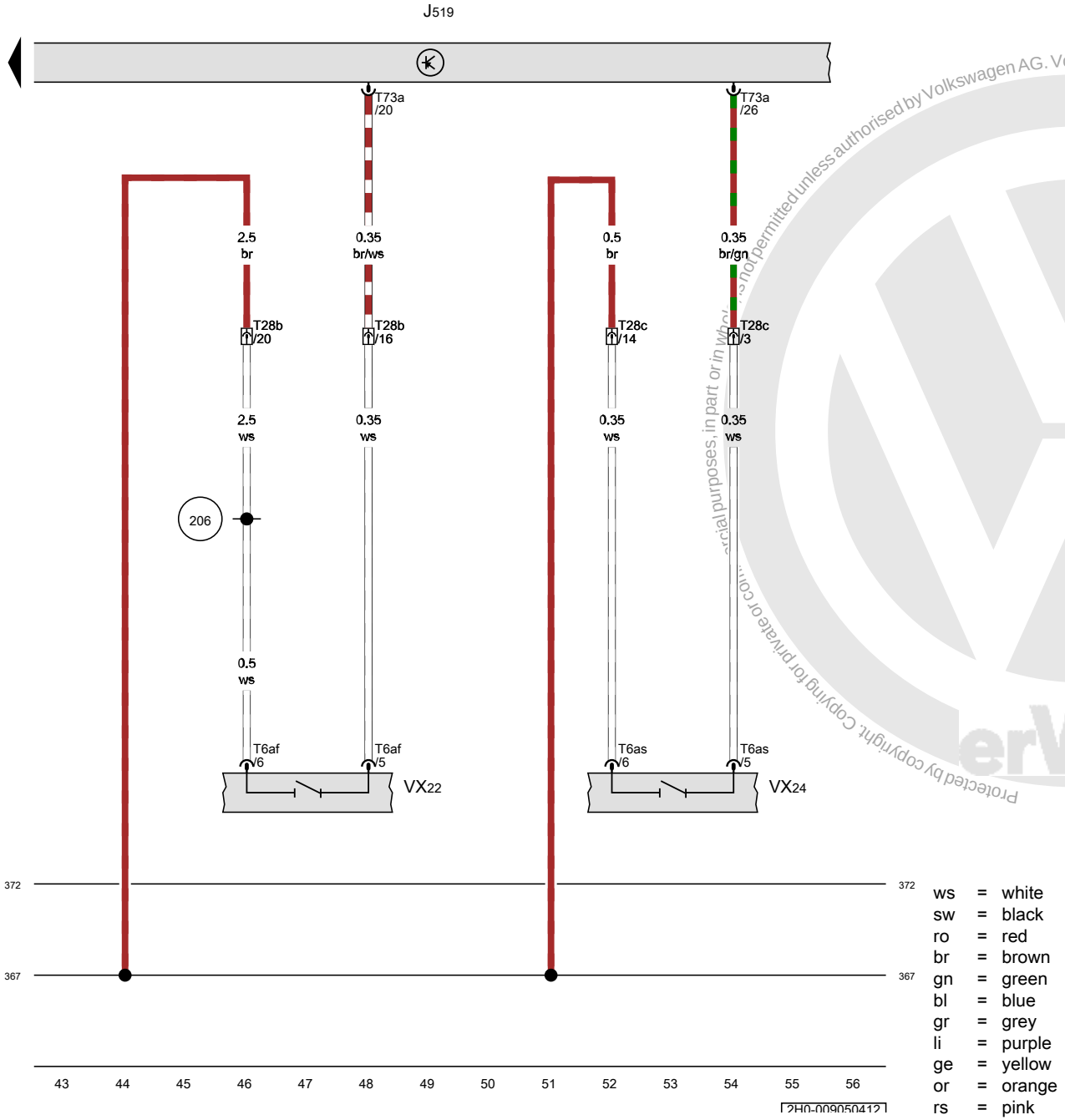
Onboard supply control unit, Front passenger door lock unit, Rear right door lock unit

J519 Onboard supply control unit, near driver side A-pillar
T6af 6-pin connector
T6as 6-pin connector
T28b 28-pin connector, on right A-pillar
T28c 28-pin connector, on right B-pillar
T73a 73-pin connector, black
VX22 Front passenger door lock unit
VX24 Rear right door lock unit

206 Earth connection, in front passenger door wiring harness

367 Earth connection 2, in main wiring harness

372 Earth connection 7, in main wiring harness



ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

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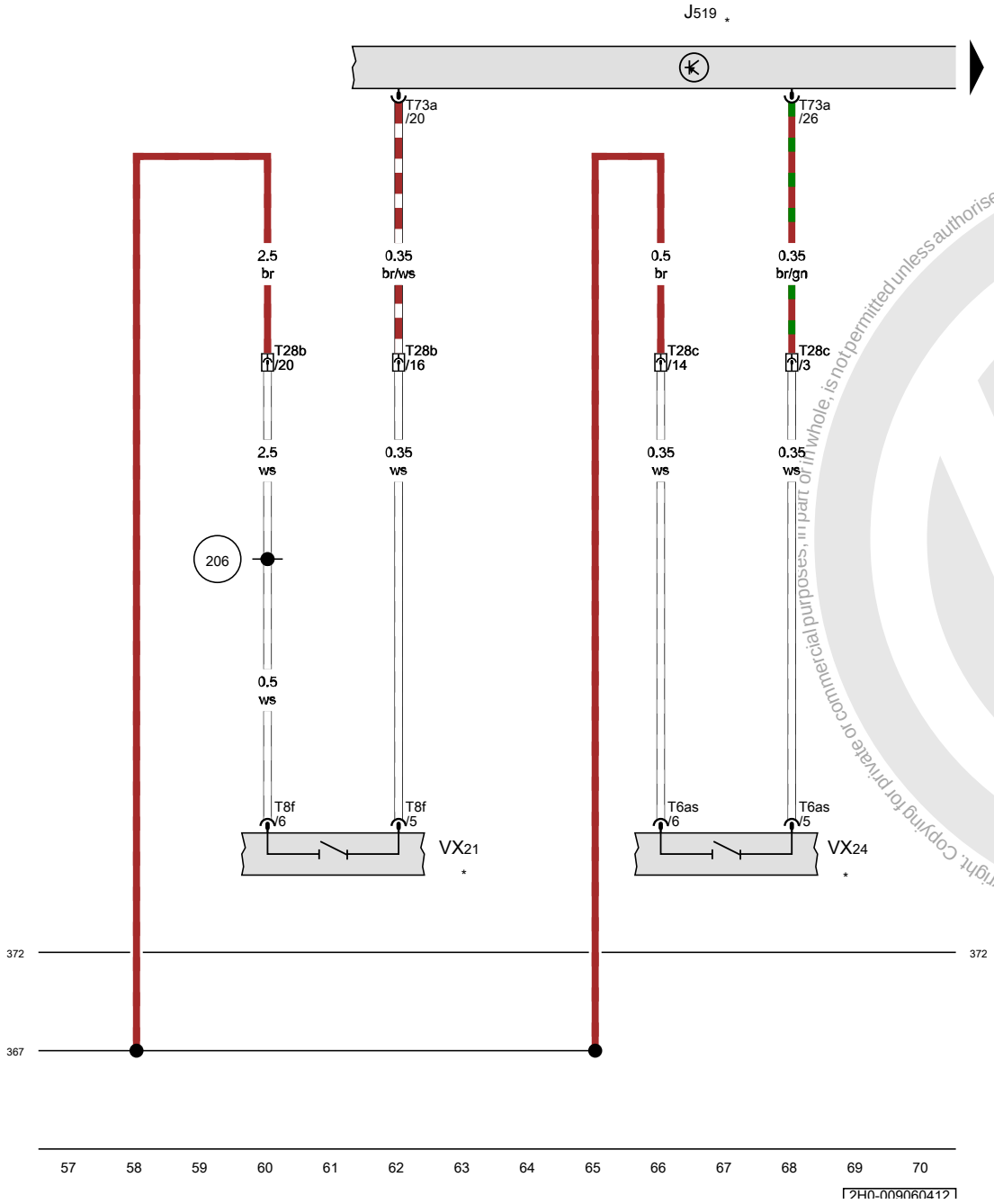

Onboard supply control unit, Rear right door lock unit

J519	Onboard supply control unit
T6as	6-pin connector
T8f	8-pin connector
T28b	28-pin connector, on right A-pillar
T28c	28-pin connector, on right B-pillar
T73a	73-pin connector
VX21	Driver door lock unit
VX24	Rear right door lock unit
206	Earth connection, in front passenger door wiring harness
367	Earth connection 2, in main wiring harness
372	Earth connection 7, in main wiring harness
*	Only right-hand drive models

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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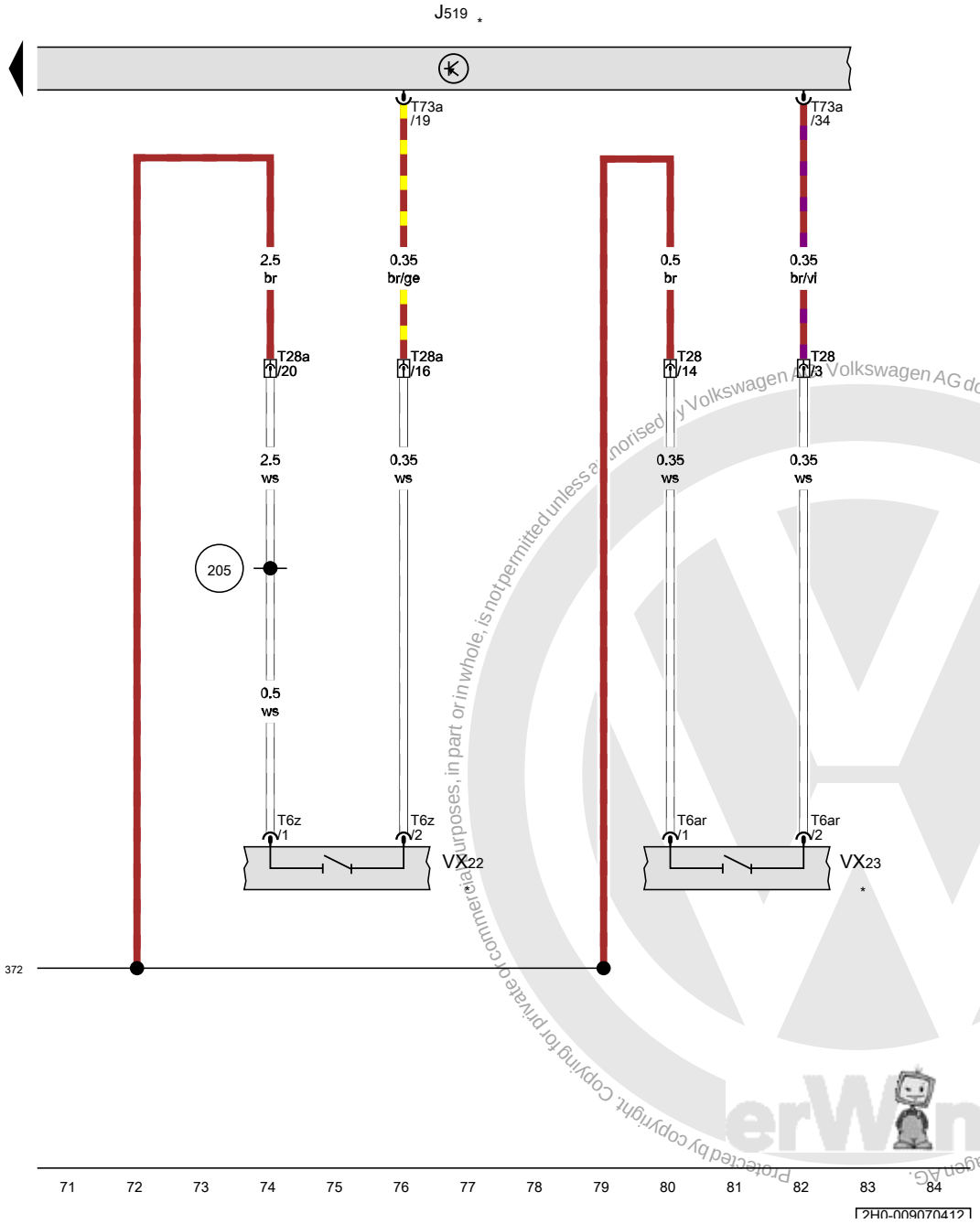

Onboard supply control unit, Front passenger door lock unit, Rear left door lock unit

J519	Onboard supply control unit
T6ar	6-pin connector
T6z	6-pin connector
T28	28-pin connector, on left B-pillar
T28a	28-pin connector, on left A-pillar
T73a	73-pin connector
VX22	Front passenger door lock unit
VX23	Rear left door lock unit
205	Earth connection, in driver door wiring harness
372	Earth connection 7, in main wiring harness
*	Only right-hand drive models

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
bl	=	blue
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All-wheel drive

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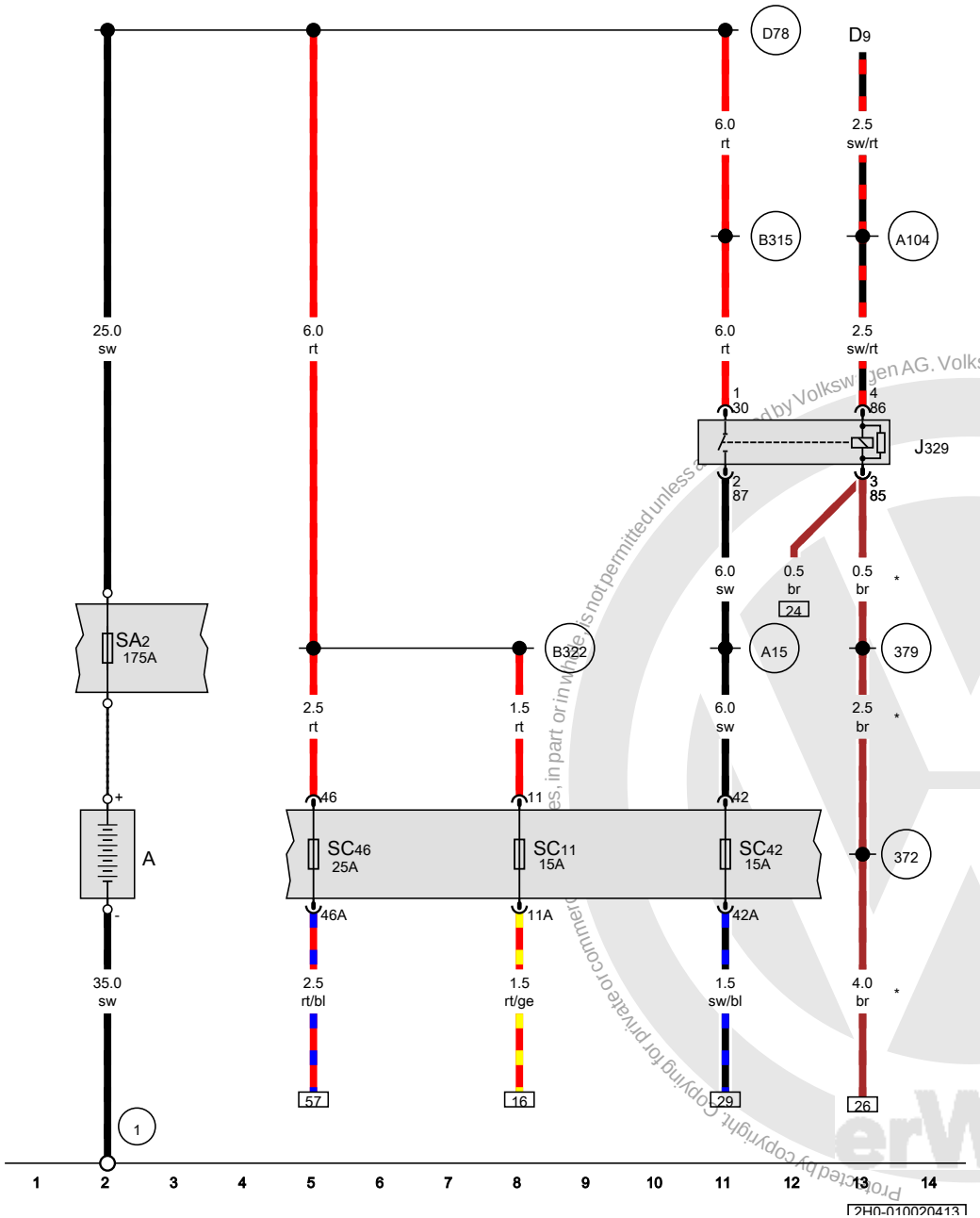
Battery, Terminal 15 voltage supply relay, Fuse 2 in fuse holder A, Fuse 11 on fuse holder C, Fuse 42 on fuse holder C, Fuse 46 on fuse holder C



A	Battery
D9	Electronic ignition lock
J329	Terminal 15 voltage supply relay
SA2	Fuse 2 in fuse holder A
SC11	Fuse 11 on fuse holder C
SC42	Fuse 42 on fuse holder C
SC46	Fuse 46 on fuse holder C

1	Earth strap, battery - body
372	Earth connection 7, in main wiring harness
379	Earth connection 14, in main wiring harness
A15	Positive connection (15), in instrument wiring harness
A104	Positive connection 2 (15), in dash panel wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B322	Positive connection 8 (30a) in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
*	From November 2011

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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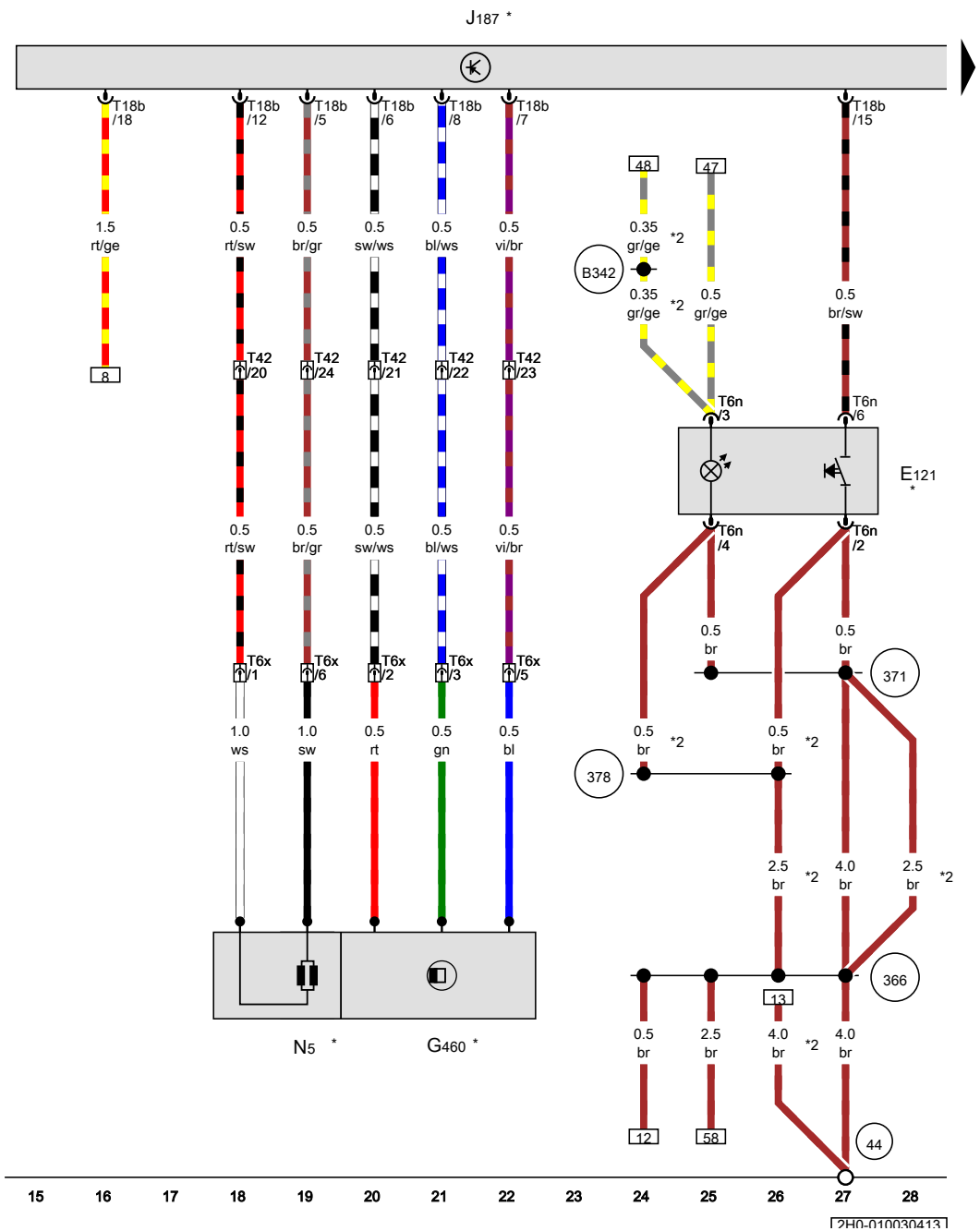

Rear differential lock switch, Axle differential lock Hall sender 1, Differential lock control unit, Control solenoid

E121	Rear differential lock switch, in centre console
G460	Axle differential lock Hall sender 1, on rear axle, left
J187	Differential lock control unit, in centre console, near handbrake lever
N5	Control solenoid, on rear axle, left
T6n	6-pin connector
T6x	6-pin connector, on rear axle, left, black
T18b	18-pin connector
T42	42-pin connector, near handbrake lever, black
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
371	Earth connection 6, in main wiring harness
378	Earth connection 13, in main wiring harness
B342	Connection 3 (58d), in main wiring harness
*	Only models with rear differential lock
*2	From November 2011

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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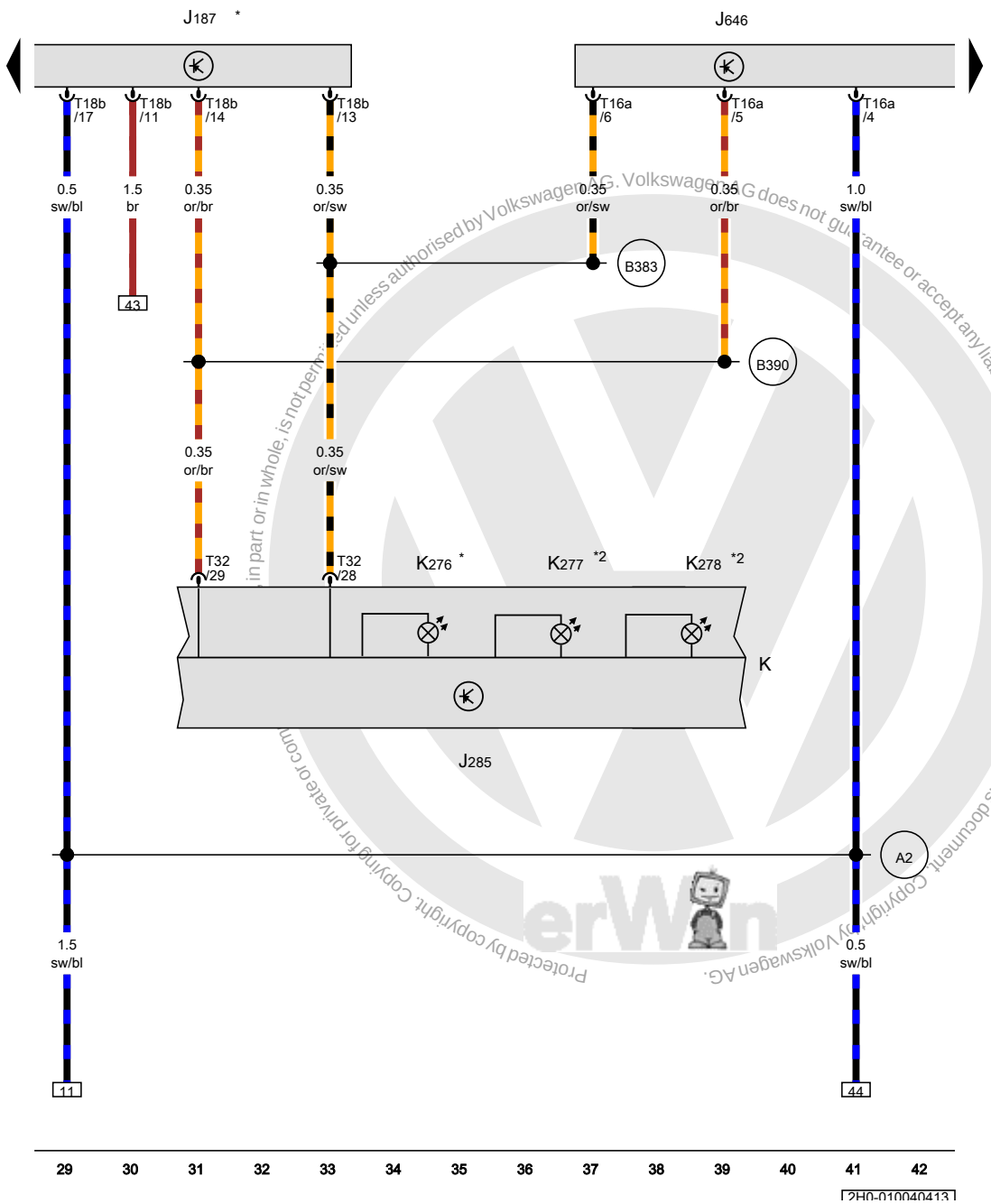

Differential lock control unit, Control unit in dash panel insert, Transfer box control unit, Rear axle differential lock warning lamp, Inter-axle lock-up warning lamp

J187	Differential lock control unit, in centre console, near handbrake lever
J285	Control unit in dash panel insert
J646	Transfer box control unit
K	Dash panel insert
K276	Rear axle differential lock warning lamp
K277	Reduction gearing warning lamp
K278	Inter-axle lock-up warning lamp
T16a	16-pin connector
T18b	18-pin connector
T32	32-pin connector
A2	Positive connection (15), in dash panel wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	Only models with rear differential lock
*2	Only models with all-wheel drive

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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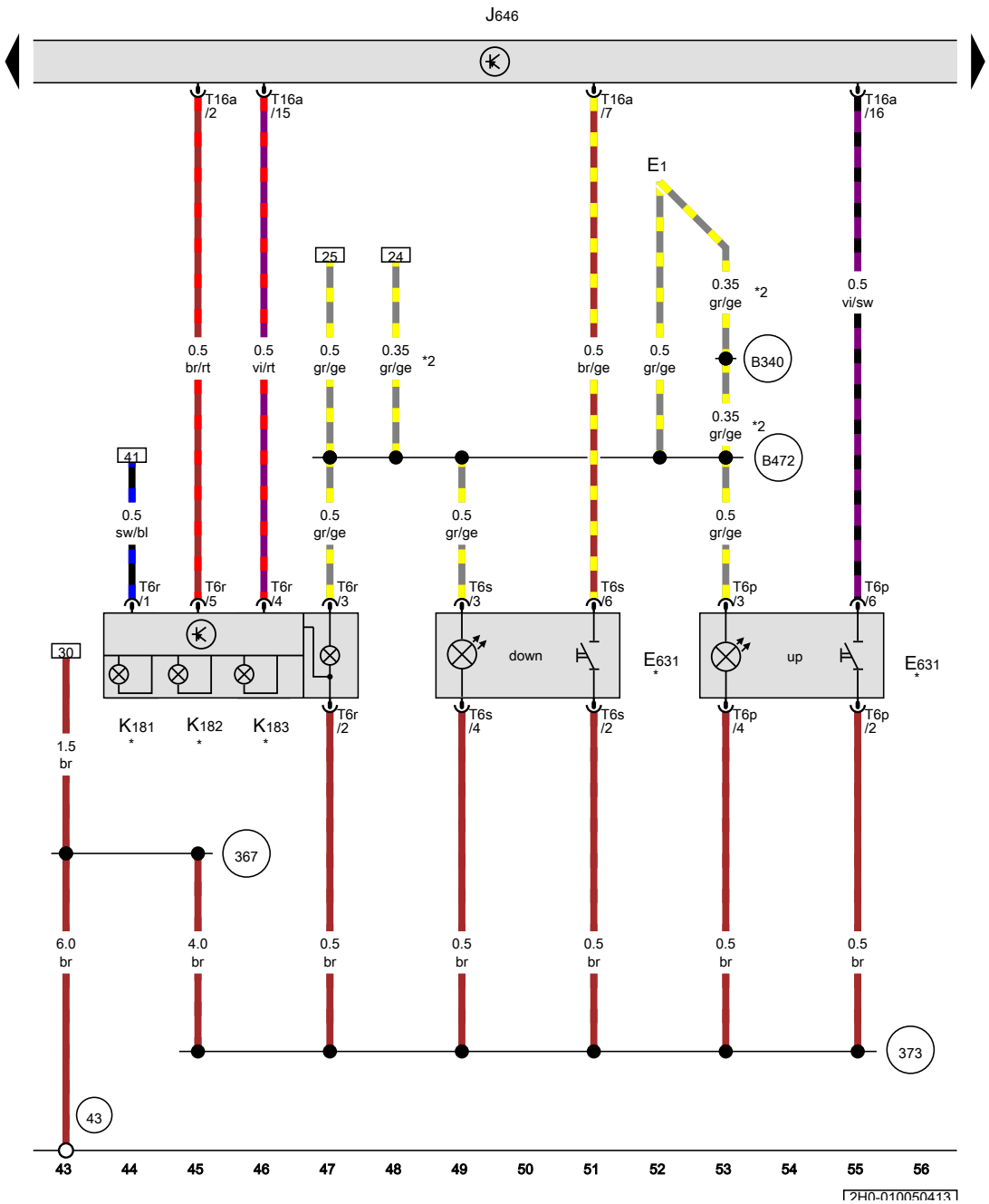

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Running gear program switch, Transfer box control unit, Normal operation warning lamp in transfer box operating unit, Reduction gearing warning lamp in transfer box operating unit, Inter-axle lock-up warning lamp in transfer box operating unit

E1	Light switch
E631	Running gear program switch, in centre console
J646	Transfer box control unit
K181	Normal operation warning lamp in transfer box operating unit
K182	Reduction gearing warning lamp in transfer box operating unit, in centre console
K183	Inter-axle lock-up warning lamp in transfer box operating unit
T6p	6-pin connector
T6r	6-pin connector
T6s	6-pin connector
T16a	16-pin connector
43	Earth point, lower part of right A-pillar
367	Earth connection 2, in main wiring harness
373	Earth connection 8, in main wiring harness
B340	Connection 1 (58d), in main wiring harness
B472	Connection 8, in main wiring harness
*	Only models with all-wheel drive
*2	From November 2011

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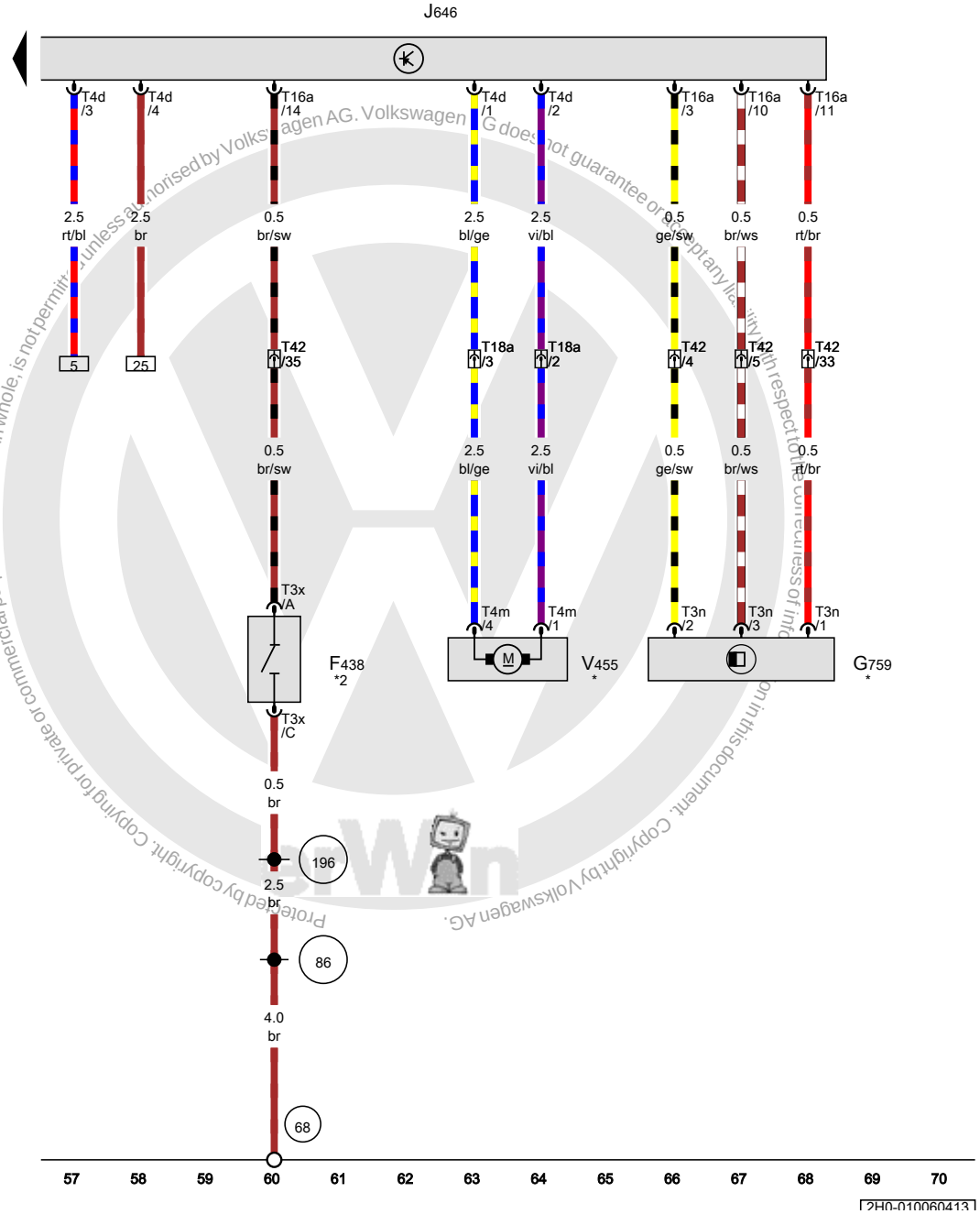

Transfer box inter-axle lock-up switch, Hall sender for transfer box, Transfer box control unit, Transfer box control motor

F438	Transfer box inter-axle lock-up switch
G759	Hall sender for transfer box, on gearbox
J646	Transfer box control unit
T3n	3-pin connector
T3x	3-pin connector
T4d	4-pin connector
T4m	4-pin connector
T16a	16-pin connector
T18a	18-pin connector, near engine control unit, grey
T42	42-pin connector, near handbrake lever, black
V455	Transfer box control motor, on gearbox
68	Earth point, on left of rear cross member
86	Earth connection 1, in rear wiring harness
196	Earth connection 3, in rear wiring harness
*	with auxiliary drive (part time)
*2	Only models with all-wheel drive

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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Radio system , (8AN),(8AG)

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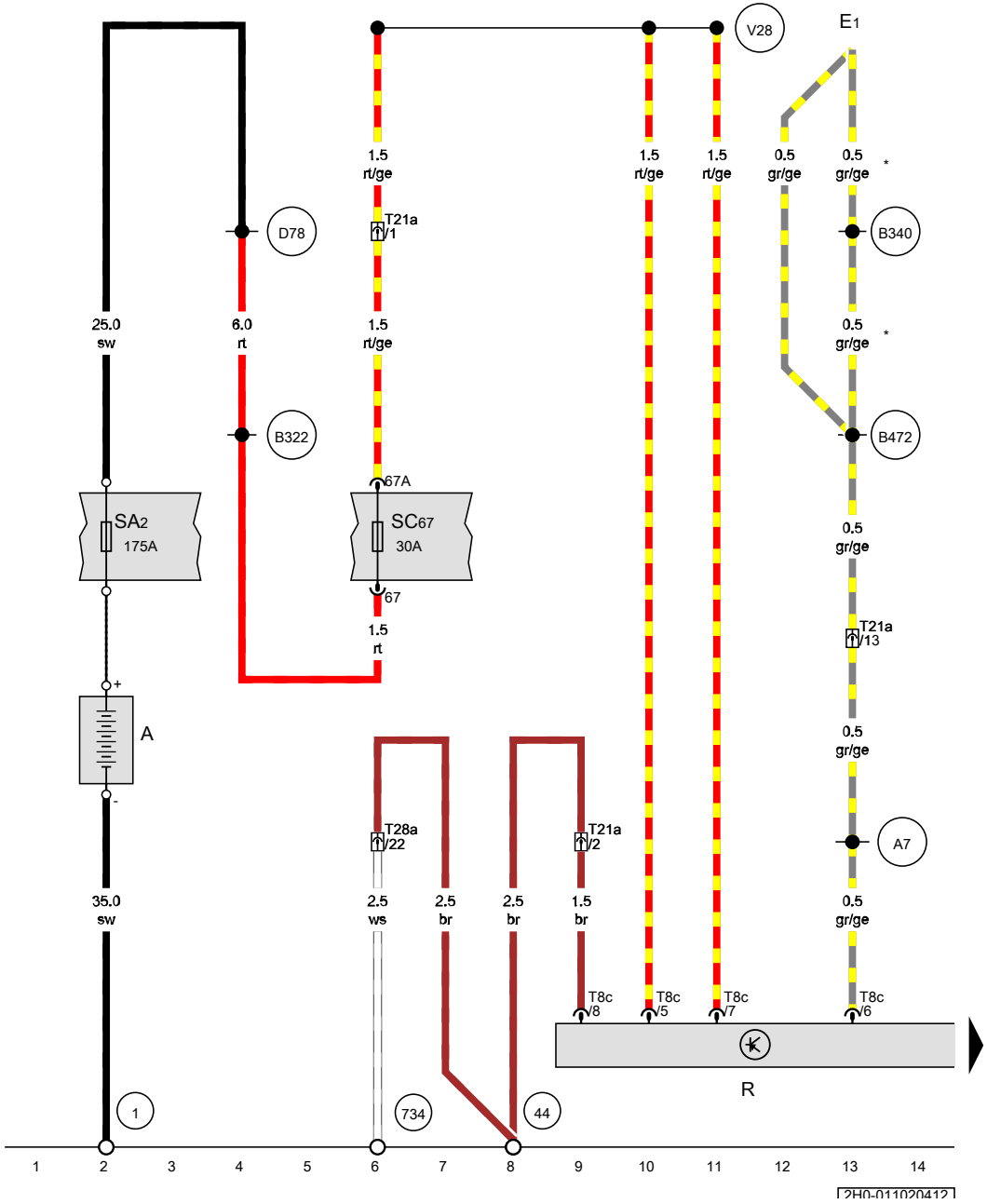
Battery, Light switch, Radio, Fuse 2 in fuse holder A, Fuse 67 on fuse holder C

A	Battery
E1	Light switch
R	Radio
SA2	Fuse 2 in fuse holder A
SC67	Fuse 67 on fuse holder C
T8c	8-pin connector, black
T21a	21-pin connector, on relay carrier, brown
T28a	28-pin connector

1	Earth strap, battery - body
44	Earth point, lower part of left A-pillar
734	Earth point in front left door
A7	Positive connection (58 D1), in dash panel wiring harness
B322	Positive connection 8 (30a) in main wiring harness
B340	Connection 1 (58d), in main wiring harness
B472	Connection 8, in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
V28	Connection 1, in radio wiring harness
*	From November 2011



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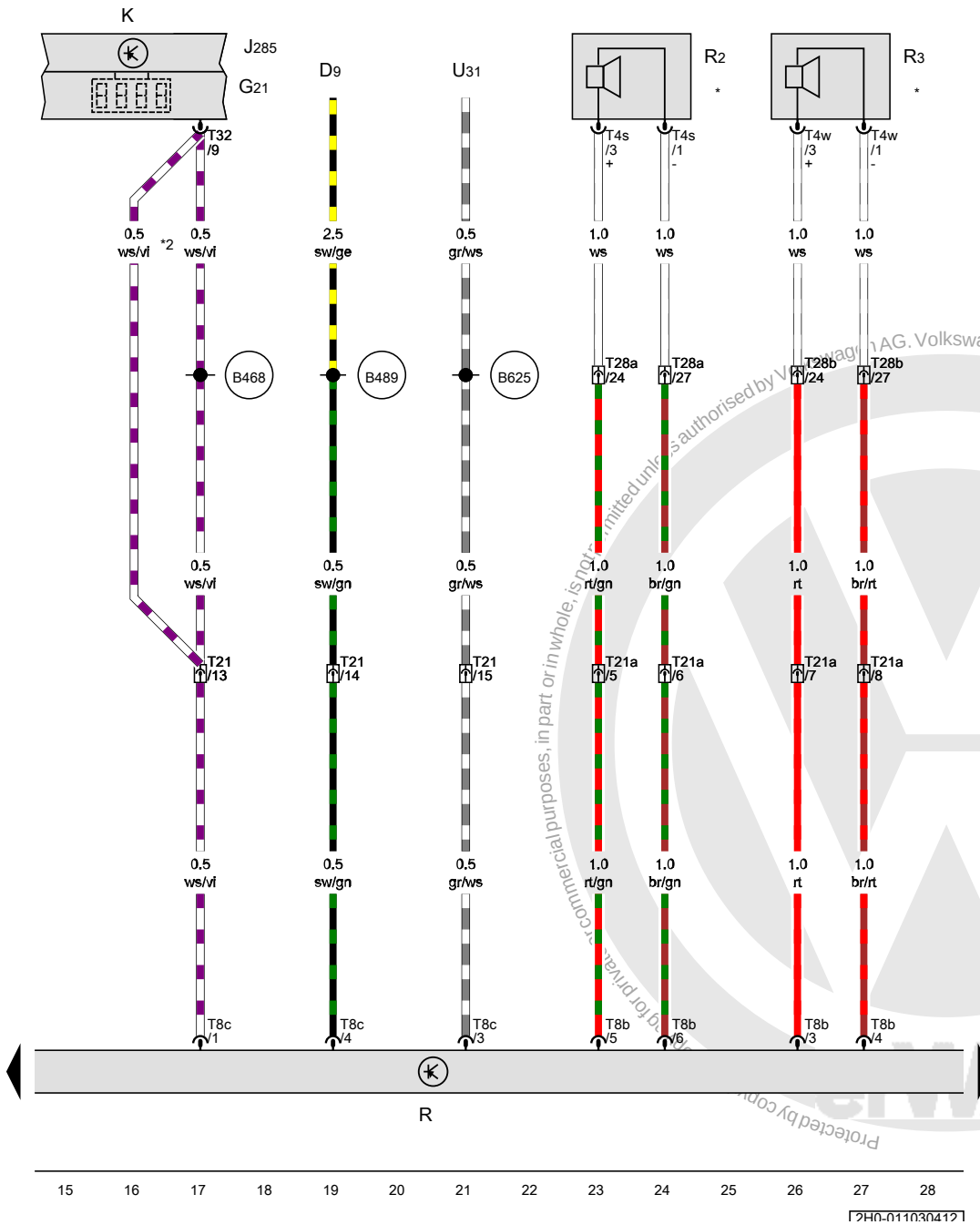

Electronic ignition lock, Dash panel insert, Radio, Front left loudspeaker, Front right loudspeaker, Diagnostic connection

D9	Electronic ignition lock
G21	Speedometer
J285	Control unit in dash panel insert
K	Dash panel insert
R	Radio
R2	Front left loudspeaker
R3	Front right loudspeaker
T4s	4-pin connector
T4w	4-pin connector
T8b	8-pin connector, brown
T8c	8-pin connector, black
T21	21-pin connector, on relay carrier, blue
T21a	21-pin connector, on relay carrier, brown
T28a	28-pin connector, in left A-pillar
T28b	28-pin connector, on right A-pillar
T32	32-pin connector
U31	Diagnostic connection
B468	Connection 4, in main wiring harness
B489	Connection 25, in main wiring harness
B625	Connection (K-diagnosis wire), in main wiring harness
*	Only models with 2 loudspeakers (8RD)
*2	Only models with no electric interface

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
bl	=	blue
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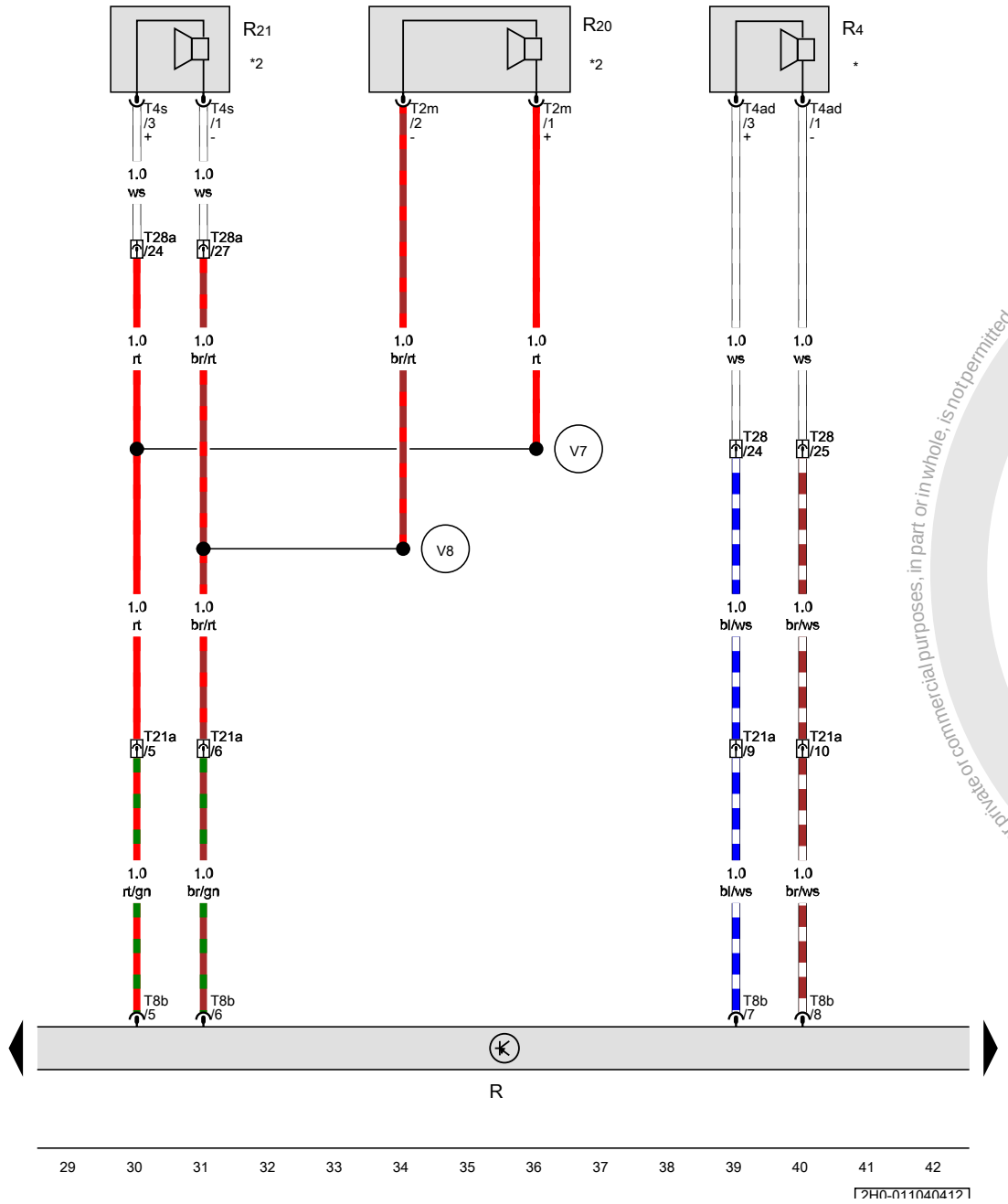
Radio, Rear left loudspeaker, Front left treble loudspeaker, Front left bass loudspeaker



R	Radio
R4	Rear left loudspeaker
R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
T2m	2-pin connector
T4ad	4-pin connector
T4s	4-pin connector
T8b	8-pin connector, brown
T21a	21-pin connector, on relay carrier, brown
T28	28-pin connector, on left B-pillar
T28a	28-pin connector, on left A-pillar
V7	Connection (positive, front left loudspeaker), in loudspeaker wiring harness
V8	Connection (negative, front left loudspeaker), in loudspeaker wiring harness
*	Only models with equipment (6-passive loudspeakers)
*2	Only models with 4 or 6 loudspeakers

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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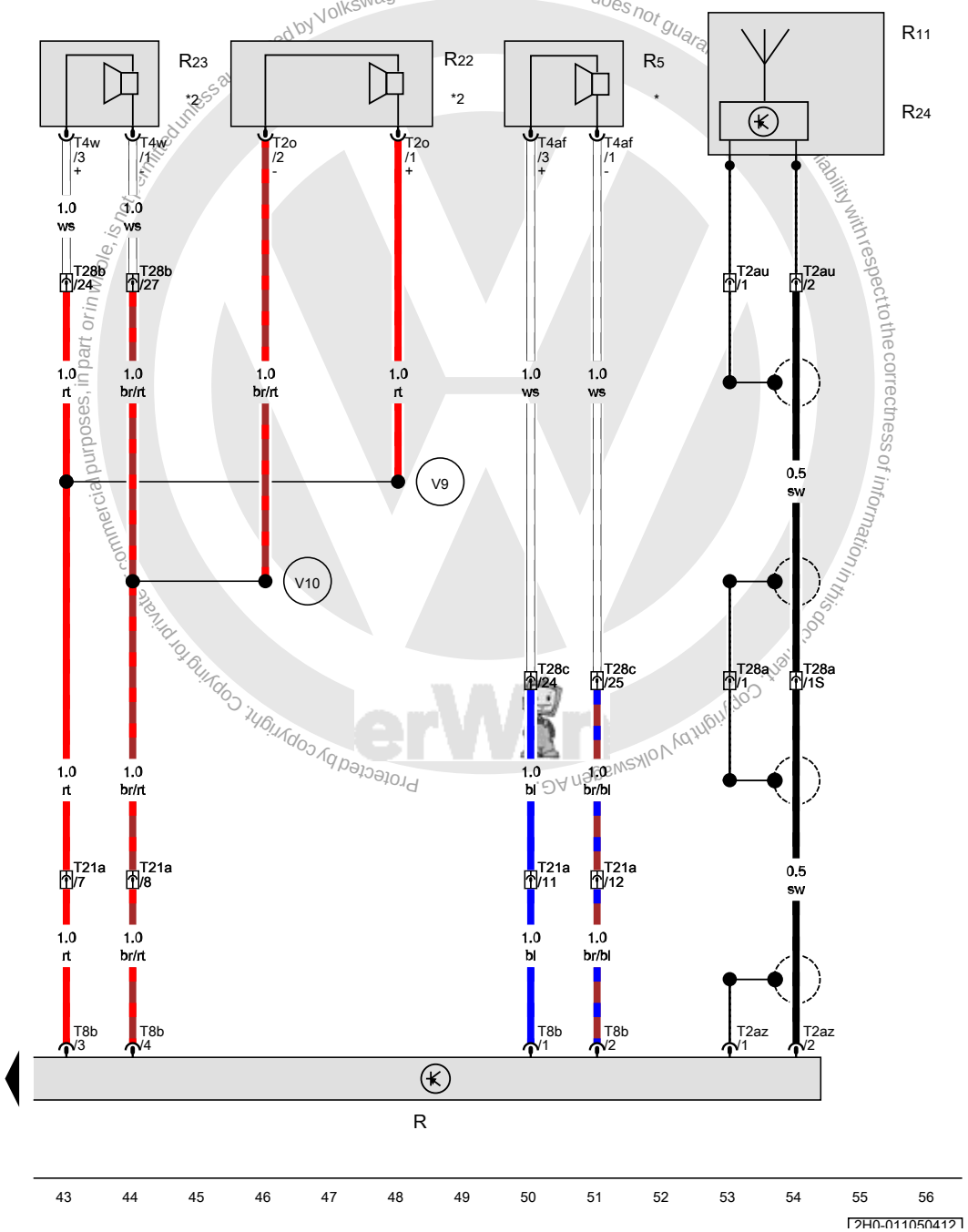

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Radio, Rear right loudspeaker, Aerial, Front right treble loudspeaker, Front right bass loudspeaker, Aerial amplifier

R	Radio
R5	Rear right loudspeaker
R11	Aerial
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
R24	Aerial amplifier
T2au	2-pin connector, in left door, near exterior mirror
T2az	2-pin connector, colourless
T2o	2-pin connector
T4af	4-pin connector
T4w	4-pin connector
T8b	8-pin connector, brown
T21a	21-pin connector, on relay carrier, brown
T28a	28-pin connector, on left A-pillar
T28b	28-pin connector, on right A-pillar
T28c	28-pin connector, on right B-pillar
V9	Connection (positive, front right loudspeaker), in loudspeaker wiring harness
V10	Connection (negative, front right loudspeaker), in loudspeaker wiring harness
*	Only models with equipment (6-passive loudspeakers)
*2	Only models with 4 or 6 loudspeakers

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Radio navigation system , (8AY),(7UC),(7UK)

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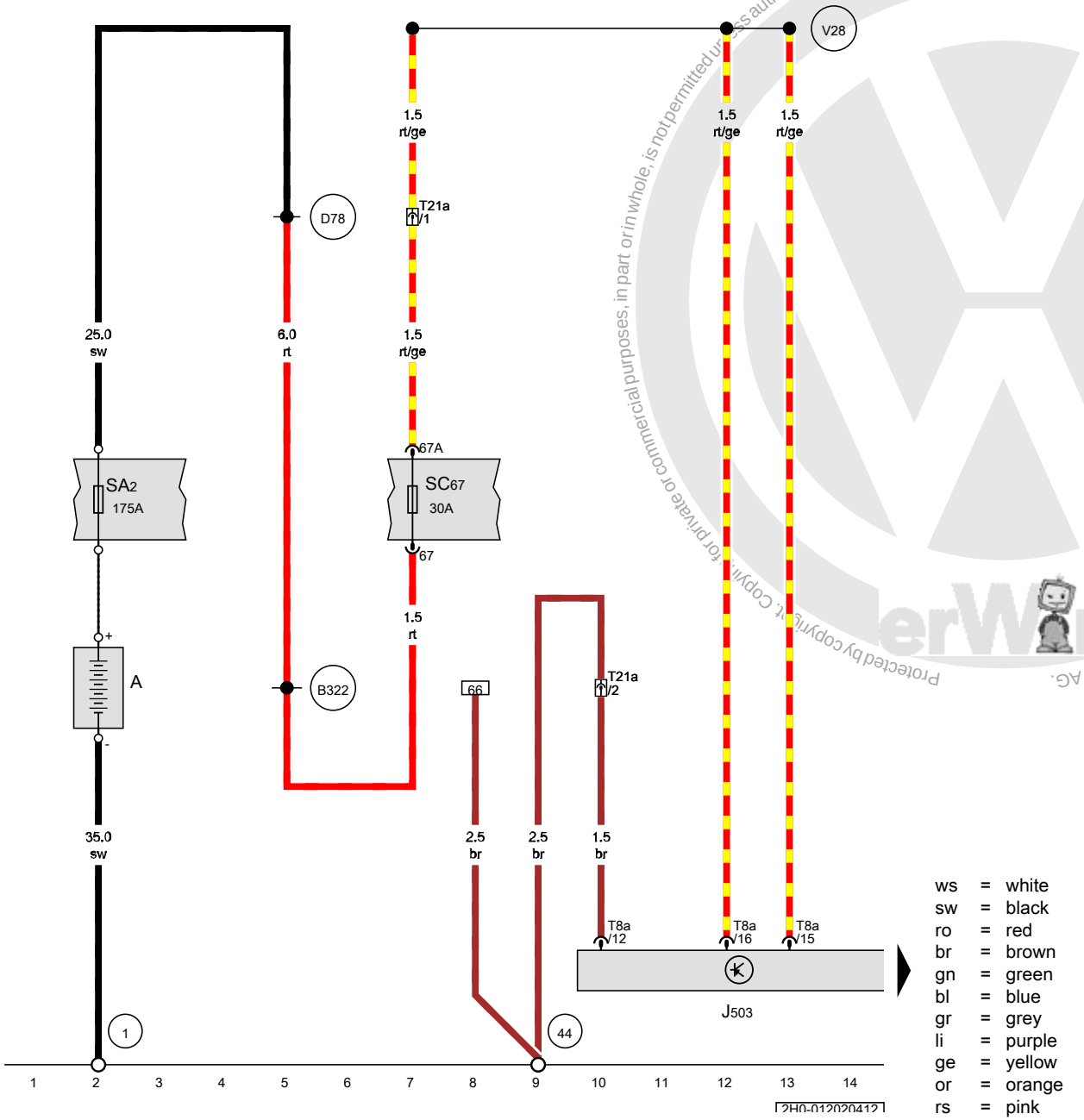
Battery, Control unit with display for radio and navigation, Fuse 2 in fuse holder A, Fuse 67 on fuse holder C

A	Battery
J503	Control unit with display for radio and navigation
SA2	Fuse 2 in fuse holder A
SC67	Fuse 67 on fuse holder C
T8a	8-pin connector, black
T21a	21-pin connector, on relay carrier, brown
1	Earth strap, battery - body
44	Earth point, lower part of left A-pillar
B322	Positive connection 8 (30a) in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
V28	Connection 1, in radio wiring harness



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sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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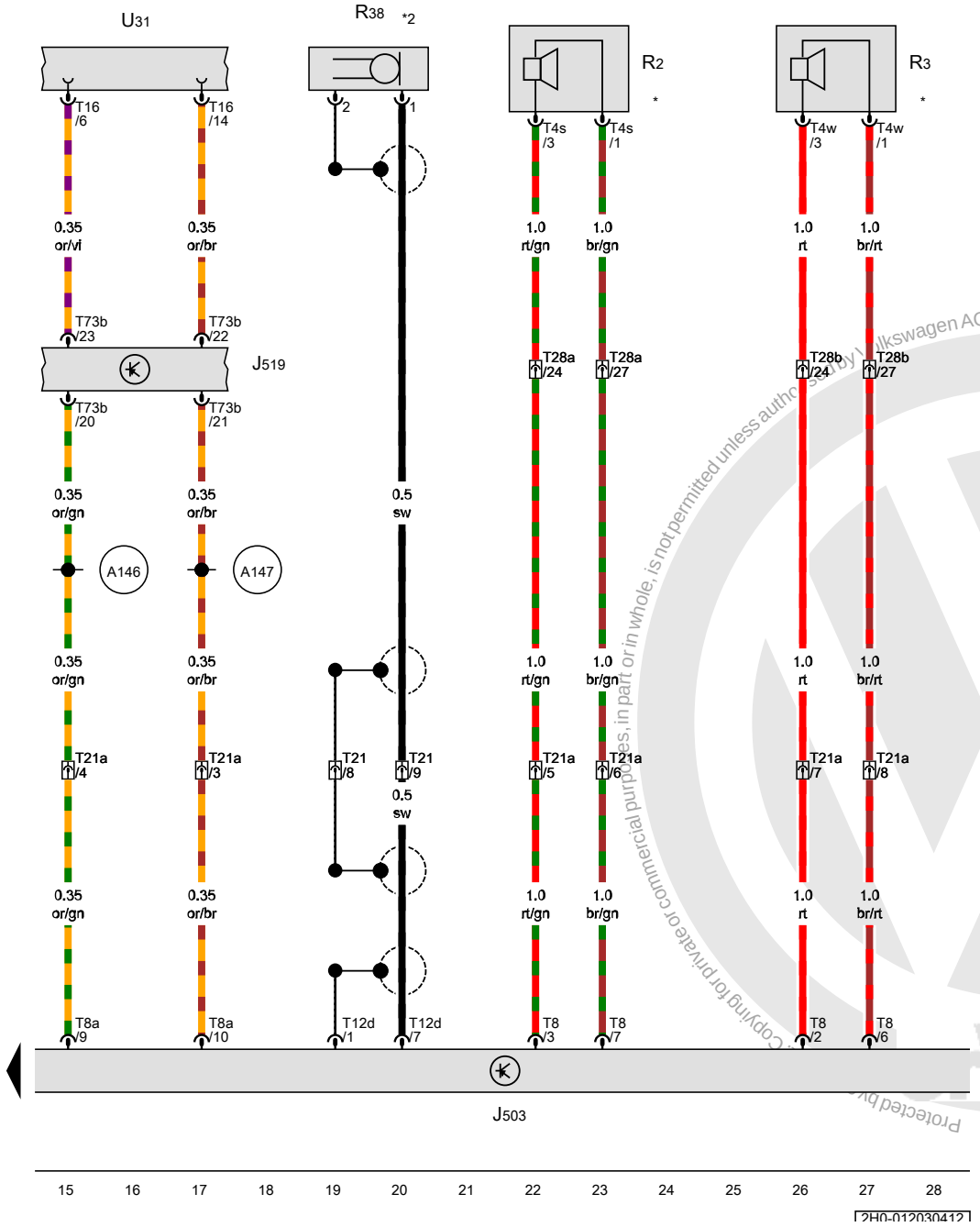

Control unit with display for radio and navigation, Front left loudspeaker, Front right loudspeaker, Telephone microphone, Diagnostic connection

J503	Control unit with display for radio and navigation
J519	Onboard supply control unit
R2	Front left loudspeaker
R3	Front right loudspeaker
R38	Telephone microphone
T4s	4-pin connector
T4w	4-pin connector
T8	8-pin connector, brown
T8a	8-pin connector, black
T12d	12-pin connector, green
T16	16-pin connector, black
T21	21-pin connector, on relay carrier, blue
T21a	21-pin connector, on relay carrier, brown
T28a	28-pin connector, on left A-pillar
T28b	28-pin connector, on right A-pillar
T73b	73-pin connector, colourless
U31	Diagnostic connection
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
*	Only models with 2 loudspeakers (8RD)
*2	Only models with mobile telephone/ preparation for mobile telephone

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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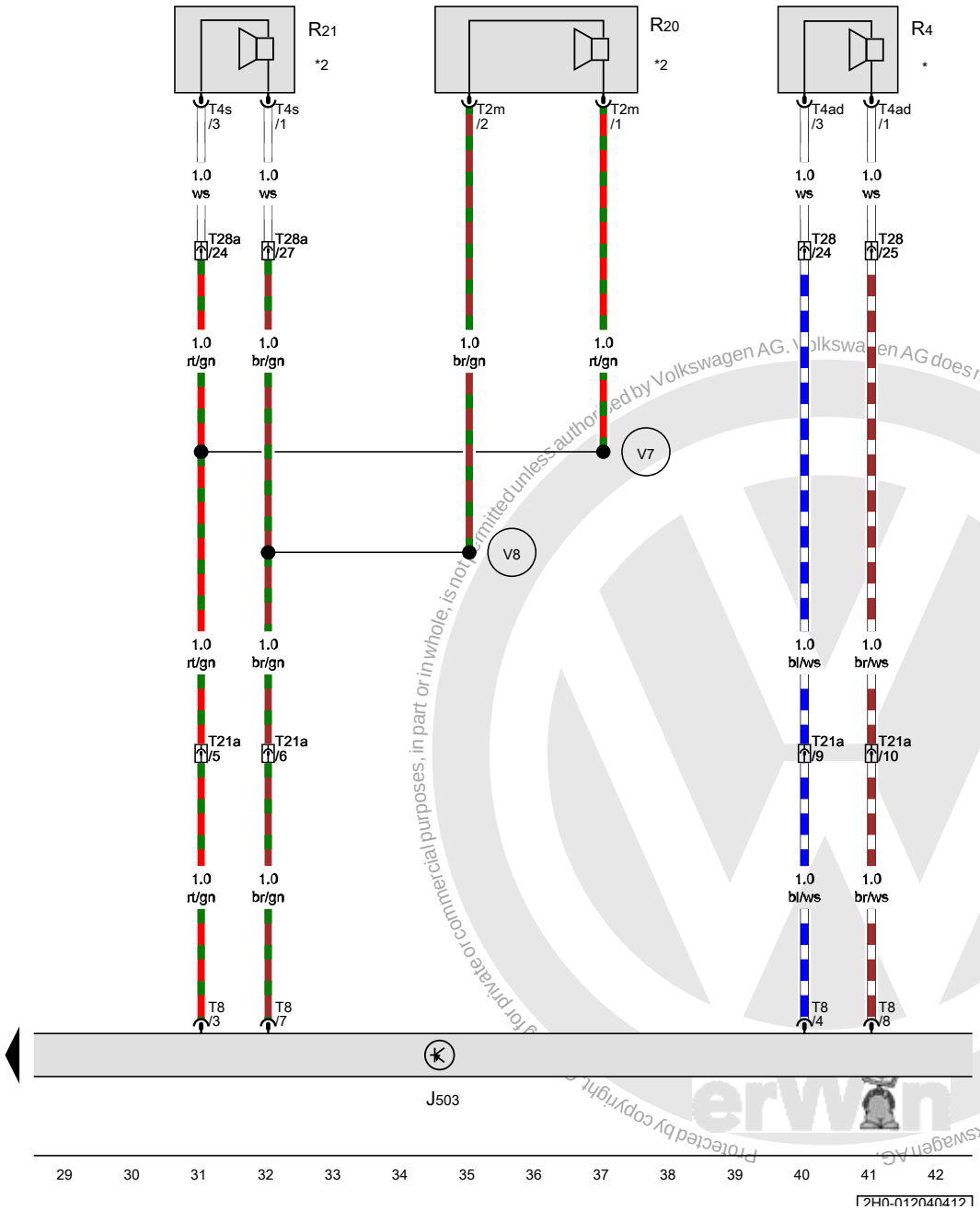

Control unit with display for radio and navigation, Rear left loudspeaker, Front left treble loudspeaker, Front left bass loudspeaker

J503	Control unit with display for radio and navigation
R4	Rear left loudspeaker
R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
T2m	2-pin connector
T4ad	4-pin connector
T4s	4-pin connector
T8	8-pin connector, brown
T21a	21-pin connector, on relay carrier, brown
T28	28-pin connector, on left B-pillar
T28a	28-pin connector, on left A-pillar
V7	Connection (positive, front left loudspeaker), in loudspeaker wiring harness
V8	Connection (negative, front left loudspeaker), in loudspeaker wiring harness
*	Only models with equipment (6-passive loudspeakers)
*2	Only models with 4 or 6 loudspeakers

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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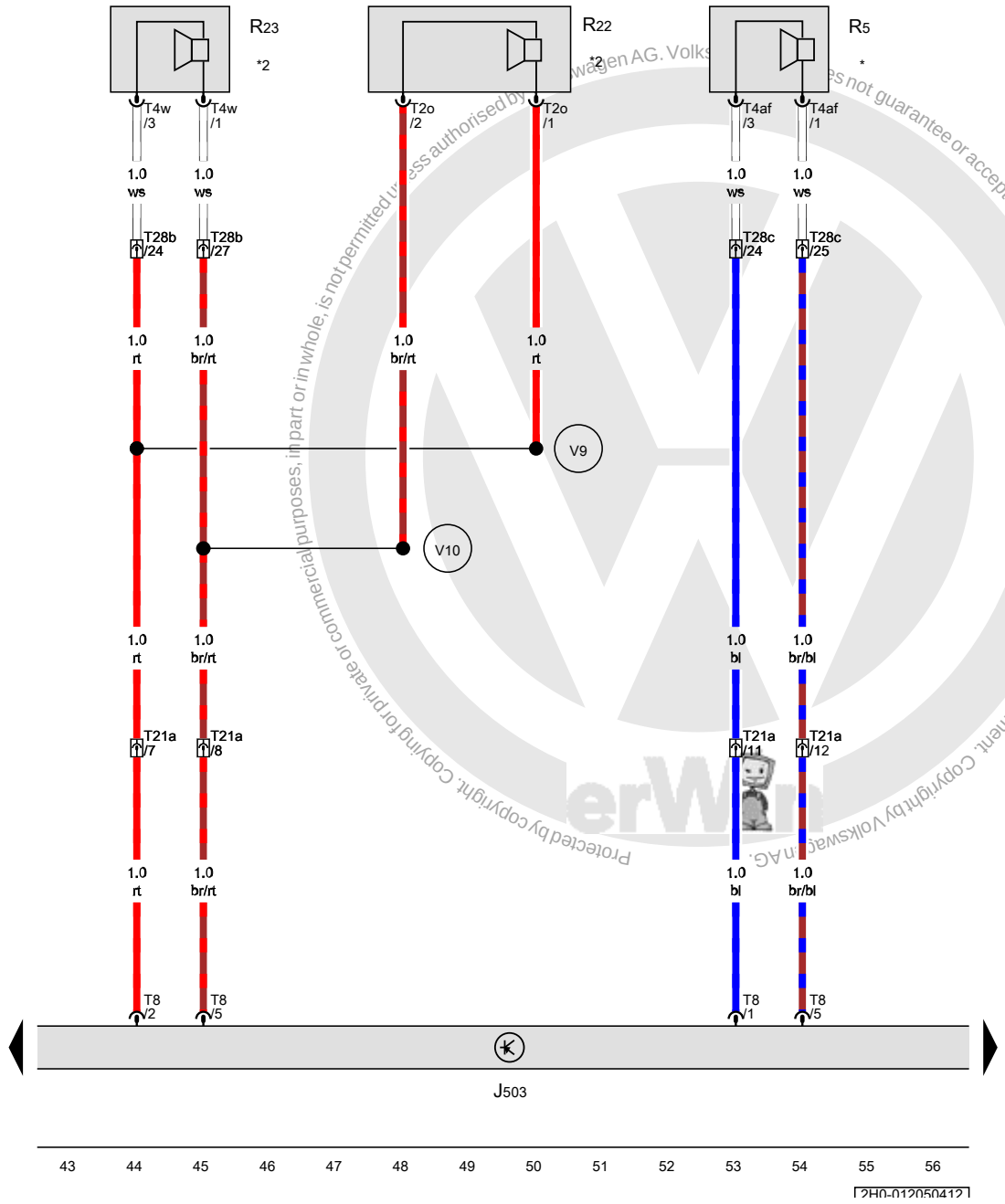

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Control unit with display for radio and navigation, Rear right loudspeaker, Front right treble loudspeaker, Front right bass loudspeaker

J503	Control unit with display for radio and navigation
R5	Rear right loudspeaker
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
T2o	2-pin connector
T4af	4-pin connector
T4w	4-pin connector
T8	8-pin connector, brown
T21a	21-pin connector, on relay carrier, brown
T28b	28-pin connector, on right A-pillar
T28c	28-pin connector, on right B-pillar
V9	Connection (positive, front right loudspeaker), in loudspeaker wiring harness
V10	Connection (negative, front right loudspeaker), in loudspeaker wiring harness
*	Only models with equipment (6-passive loudspeakers)
*2	Only models with 4 or 6 loudspeakers

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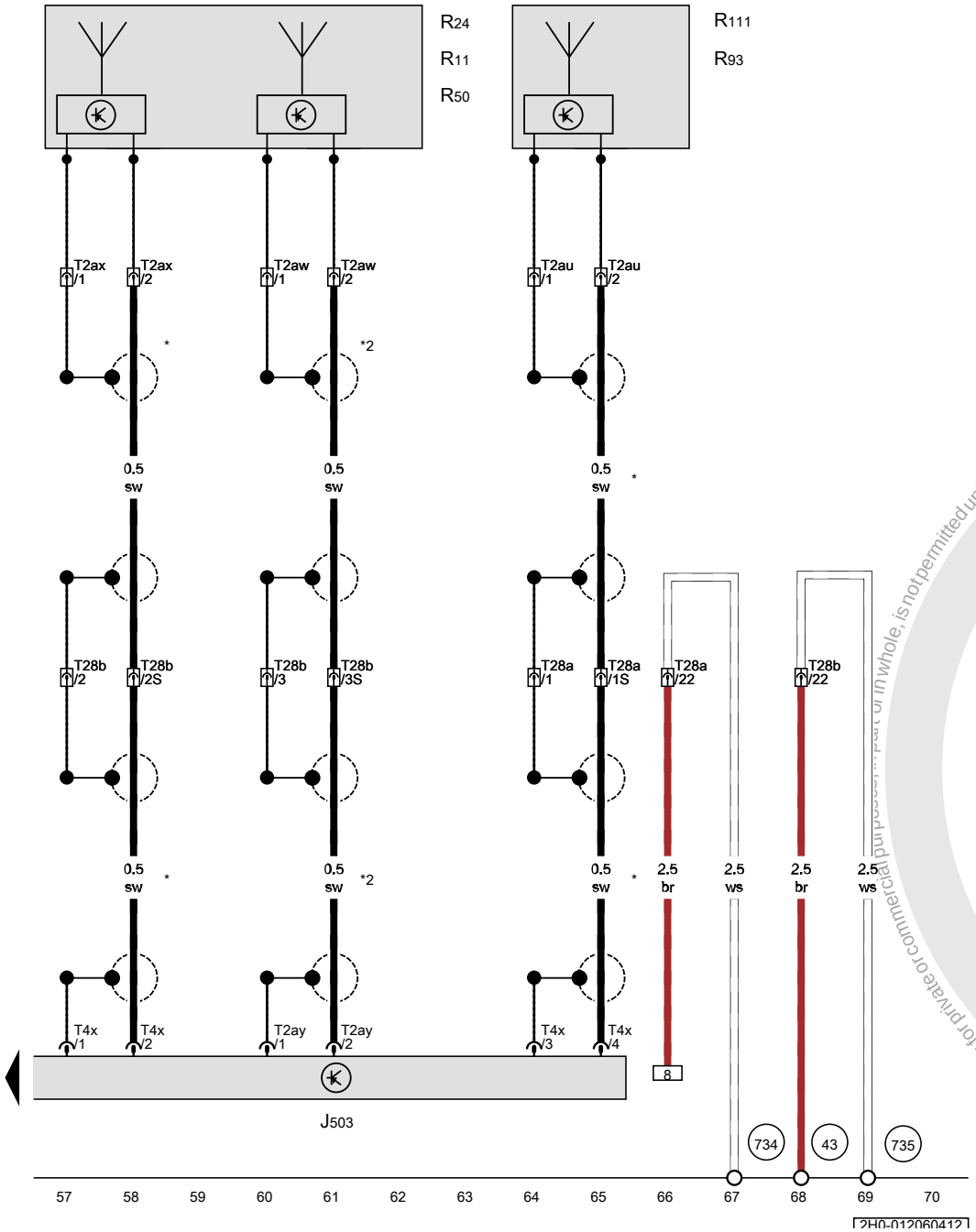

Control unit with display for radio and navigation, Aerial, Aerial amplifier, GPS aerial, Radio aerial 2

J503	Control unit with display for radio and navigation
R11	Aerial
R24	Aerial amplifier
R50	GPS aerial
R93	Radio aerial 2
R111	Aerial amplifier 2
T2au	2-pin connector, in left door, near exterior mirror
T2aw	2-pin connector, in right door, near exterior mirror, blue
T2ax	2-pin connector, in right door, near exterior mirror
T2ay	2-pin connector, blue
T4x	4-pin connector, colourless
T28a	28-pin connector, on left A-pillar
T28b	28-pin connector, on right A-pillar
43	Earth point, lower part of right A-pillar
734	Earth point in front left door
735	Earth point in front right door
*	Aerial connection for radio
*2	Aerial connection for GPS

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Auxiliary coolant heater, supplementary heater, supplementary heater which can be operated independently

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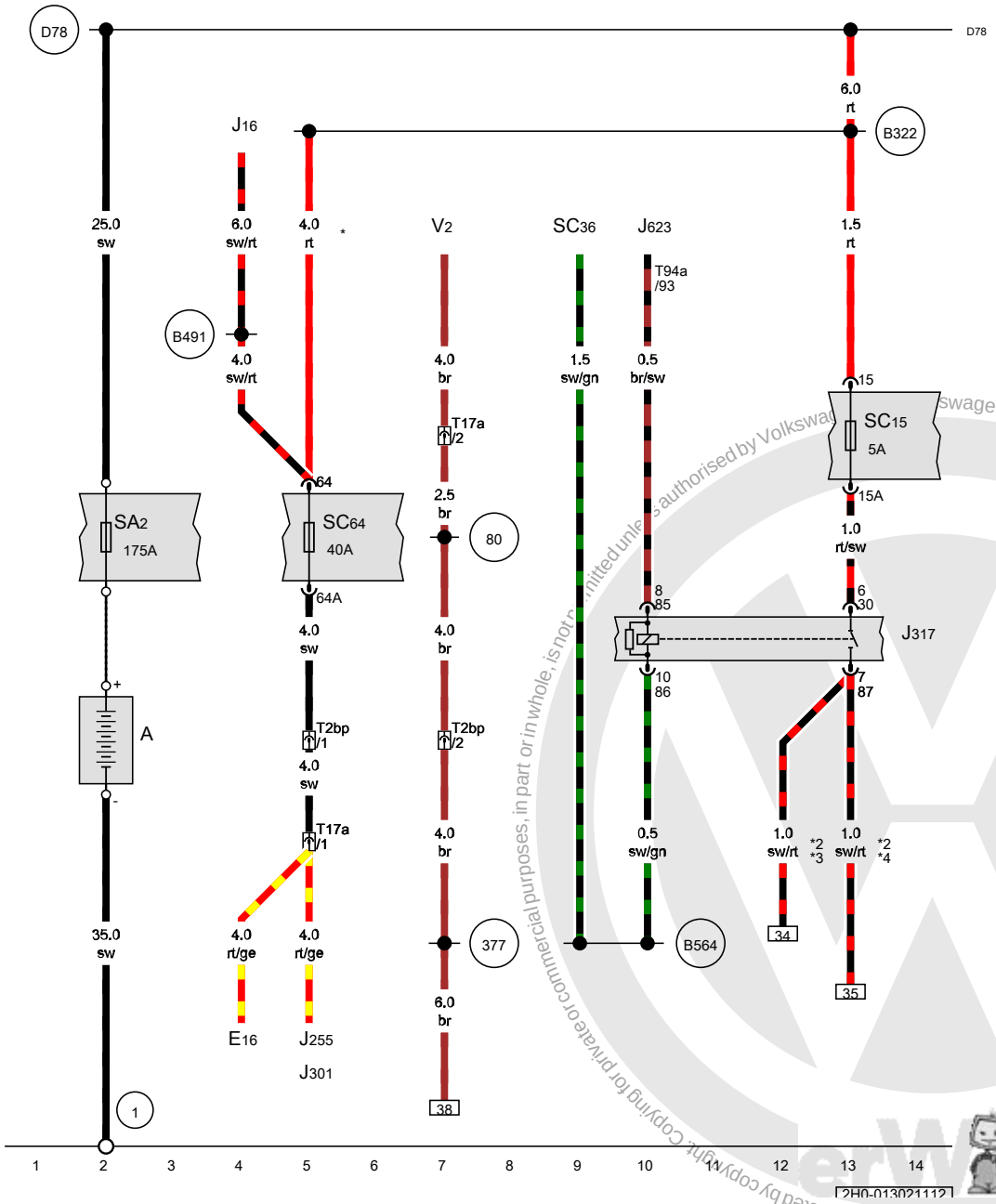

Battery, Engine control unit, Fuse 2 in fuse holder A, Fuse 15 on fuse holder C, Fuse 36 on fuse holder C, Fresh air blower

A	Battery
E16	Heater/heat output switch
J16	Current supply relay
J255	Climatronic control unit
J301	Air conditioning system control unit
J317	Terminal 30 voltage supply relay
J623	Engine control unit
SA2	Fuse 2 in fuse holder A
SC15	Fuse 15 on fuse holder C
SC36	Fuse 36 on fuse holder C
SC64	Fuse 64 on fuse holder C
T2bp	2-pin connector, in front right footwell, black
T17a	17-pin connector, behind glove compartment, black
T94a	94-pin connector, black
V2	Fresh air blower
1	Earth strap, battery - body
80	Earth connection 1, in dash panel wiring harness
377	Earth connection 12, in main wiring harness
B322	Positive connection 8 (30a) in main wiring harness
B491	Positive connection (75), in interior wiring harness
B564	Connection 31, in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
*	Only models with Climatronic
*2	Only models with diesel engine
*3	Only models with no air conditioning system/Climatronic
*4	Only models with air conditioning system/ Climatronic

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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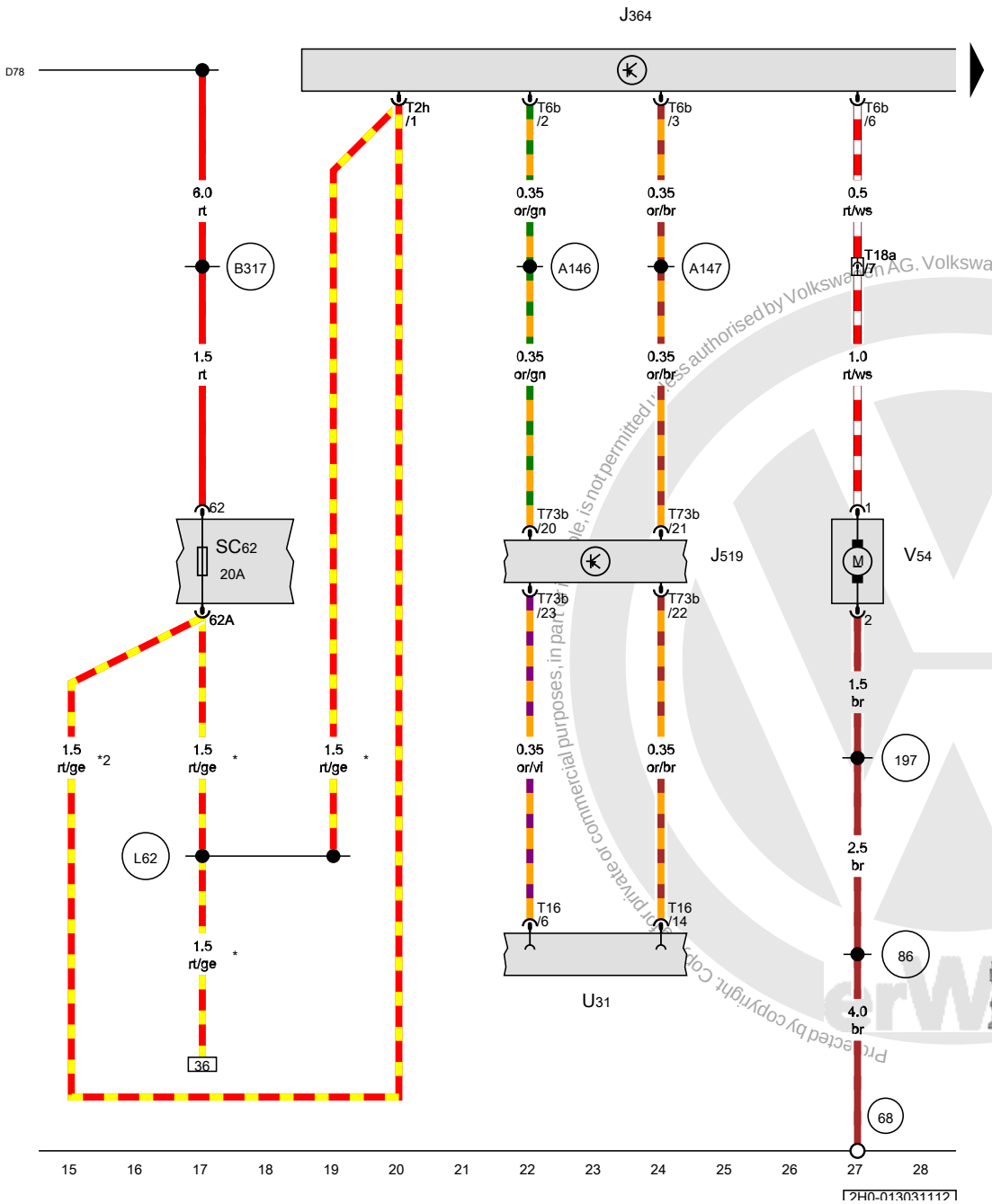

Auxiliary heater control unit, Onboard supply control unit, Fuse 62 on fuse holder C, Metering pump

J364	Auxiliary heater control unit
J519	Onboard supply control unit
SC62	Fuse 62 on fuse holder C
T2h	2-pin connector, black
T6b	6-pin connector, black
T16	16-pin connector
T18a	18-pin connector, near engine control unit, grey
T73b	73-pin connector
U31	Diagnostic connection
V54	Metering pump
68	Earth point, on left of rear cross member
86	Earth connection 1, in rear wiring harness
197	Earth connection 4, in rear wiring harness
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
B317	Positive connection 3 (30a) in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
L62	Positive connection (30a), in auxiliary heater wiring harness
*	Only models with air conditioning system/ Climatronic
*2	Only models with no air conditioning system/Climatronic

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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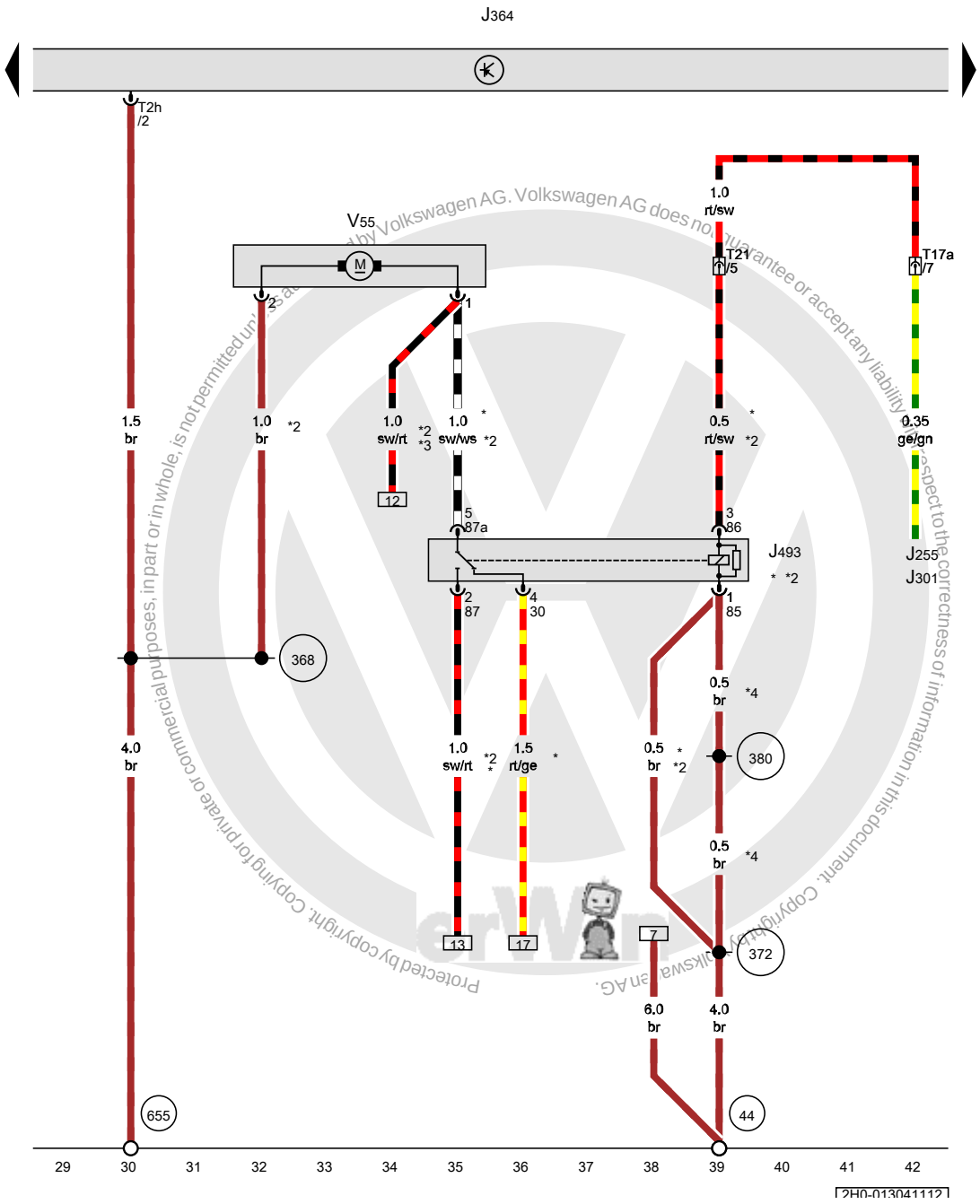

Auxiliary heater control unit, Circulation pump

J255	Climatronic control unit
J301	Air conditioning system control unit
J364	Auxiliary heater control unit
J493	Auxiliary coolant heater relay
T2h	2-pin connector, black
T17a	17-pin connector, behind glove compartment, black
T21	21-pin connector, on relay carrier, blue
V55	Circulation pump
44	Earth point, lower part of left A-pillar
368	Earth connection 3, in main wiring harness
372	Earth connection 7, in main wiring harness
380	Earth connection 15, in main wiring harness
655	Earth point, on left headlight
*	Only models with air conditioning system/ Climatronic
*2	Only models with diesel engine
*3	Only models with no air conditioning system/Climatronic
*4	From November 2011

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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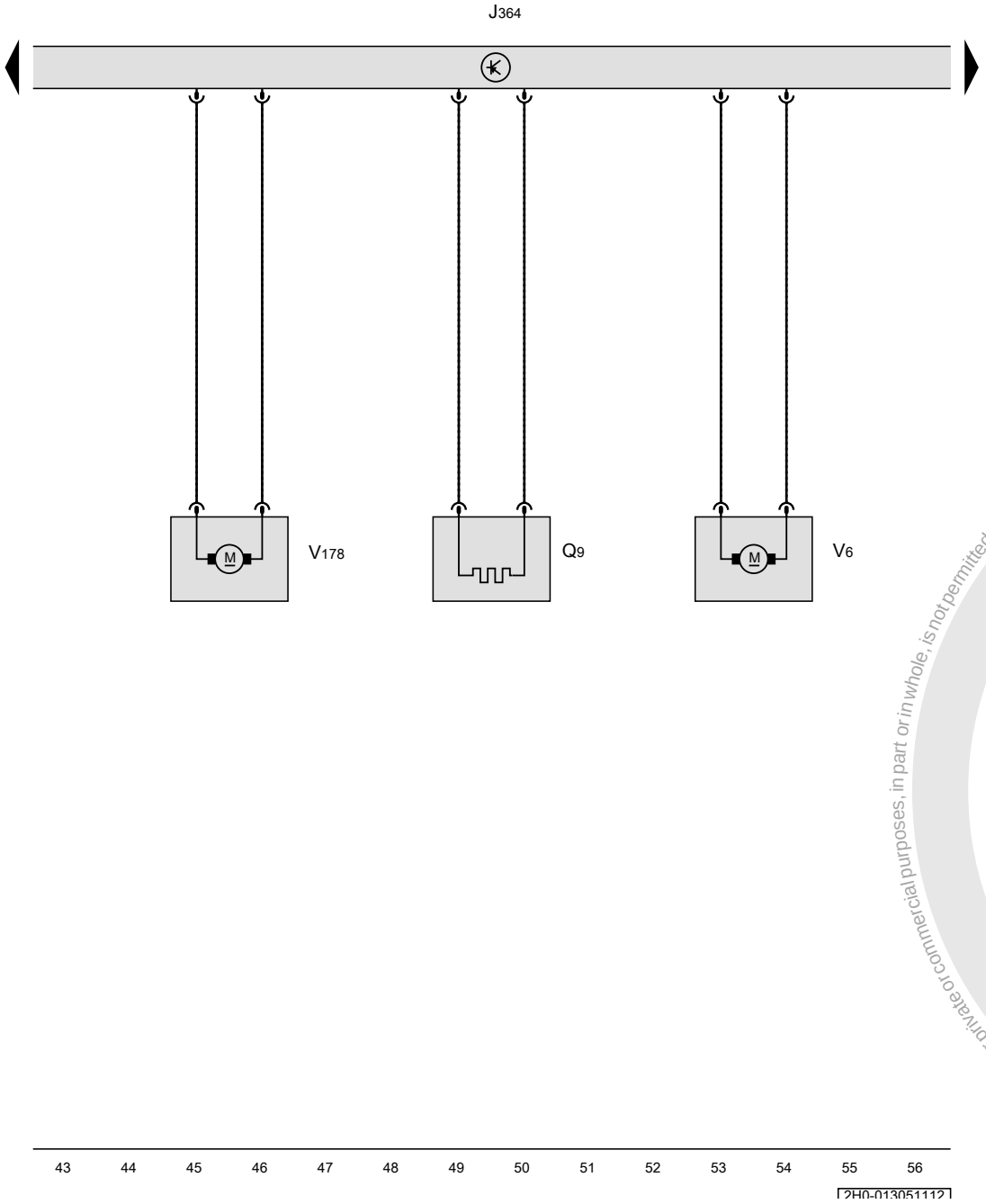

Auxiliary heater control unit, Glow plug for heater, Combustion air blower

J364	Auxiliary heater control unit
Q9	Glow plug for heater
V6	Combustion air blower
V178	Coolant circulation pump 2

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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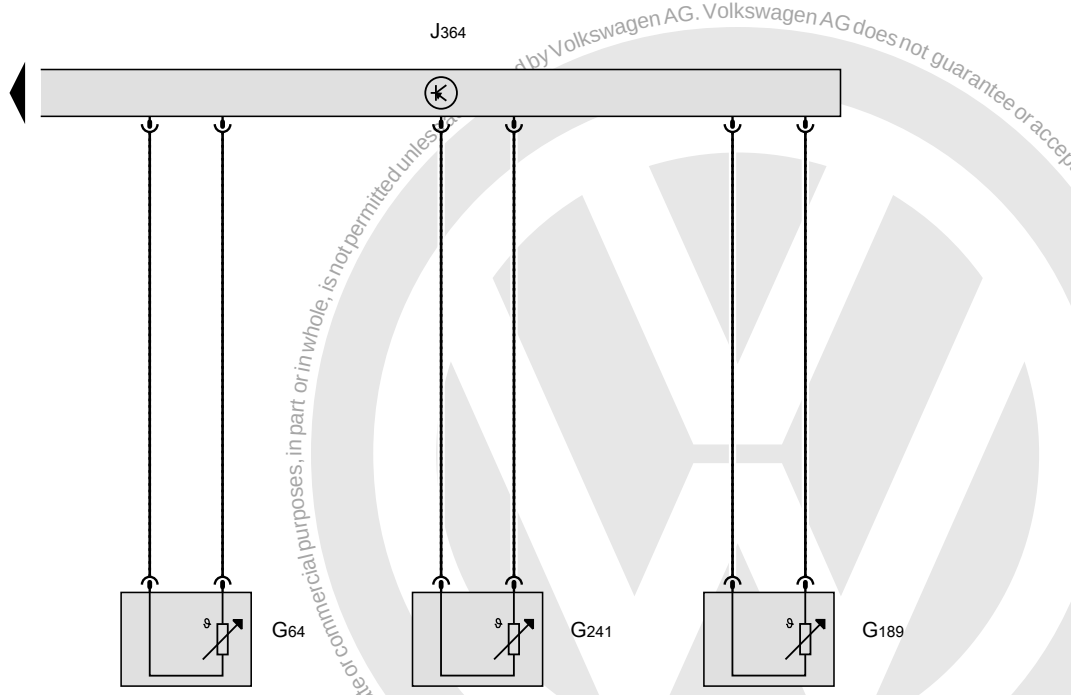

Flame monitor, Overheating sensor, Coolant temperature sender for heater, Auxiliary heater control unit

G64	Flame monitor
G189	Overheating sensor
G241	Coolant temperature sender for heater
J364	Auxiliary heater control unit

57 58 59 60 61 62 63 64 65 66 67 68 69 70

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ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
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Fuse assignment

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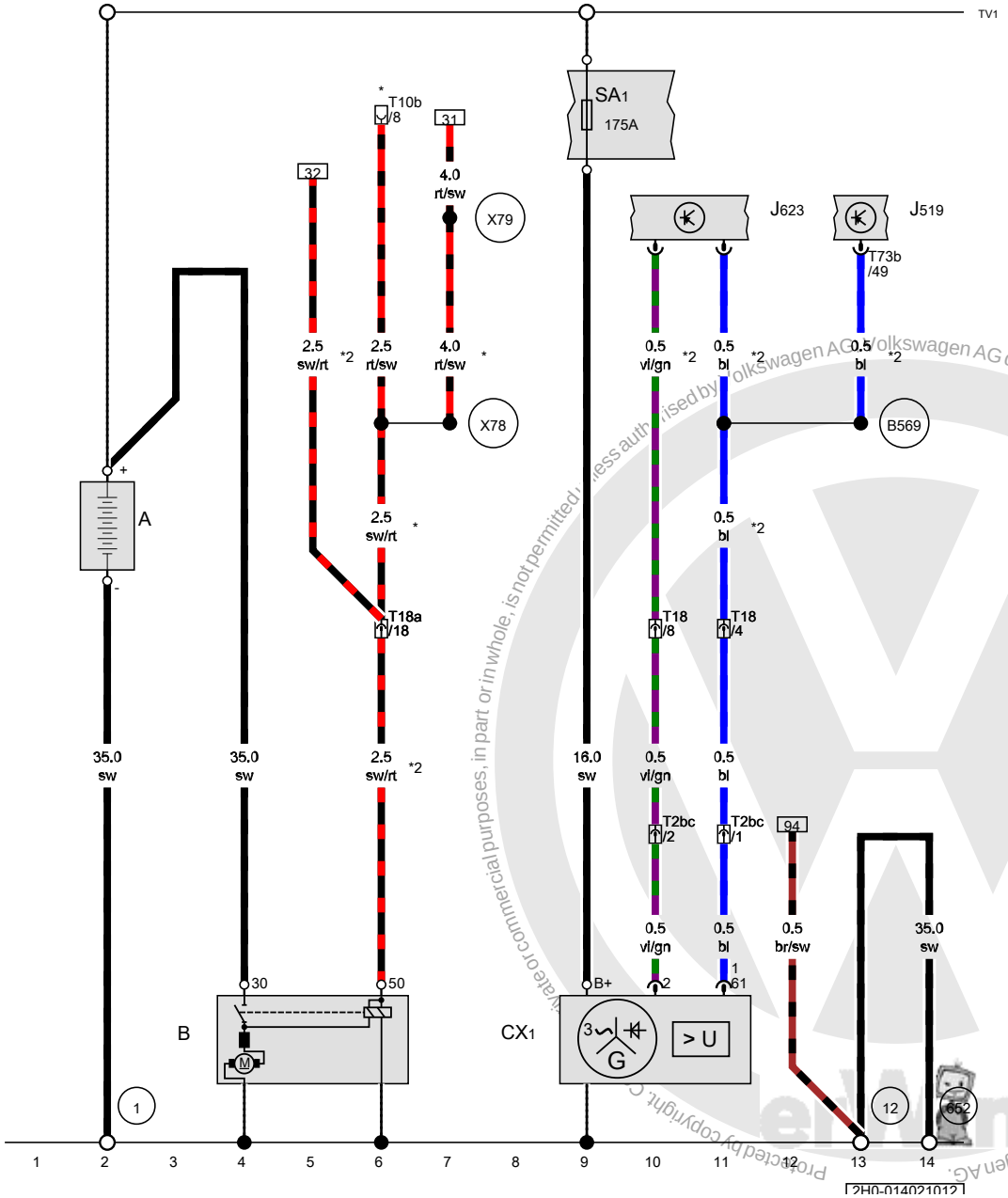
Battery, Starter, Alternator with voltage regulator, Fuse 1 in fuse holder A



A	Battery
B	Starter
CX1	Alternator with voltage regulator
J519	Onboard supply control unit
J623	Engine control unit
SA1	Fuse 1 in fuse holder A
T2bc	2-pin connector, black
T10b	10-pin connector, in front centre console, yellow
T18	18-pin connector, near engine control unit, black
T18a	18-pin connector, near engine control unit, grey
T73b	73-pin connector
1	Earth strap, battery - body
12	Earth point, on left in engine compartment
652	Earth point, engine and gearbox earth
B569	Connection 36, in main wiring harness
X78	Connection 1, in optional equipment wiring harness
X79	Connection 2, in optional equipment wiring harness
*	Only models with electric interface for external use
*2	see applicable current flow diagram for engine

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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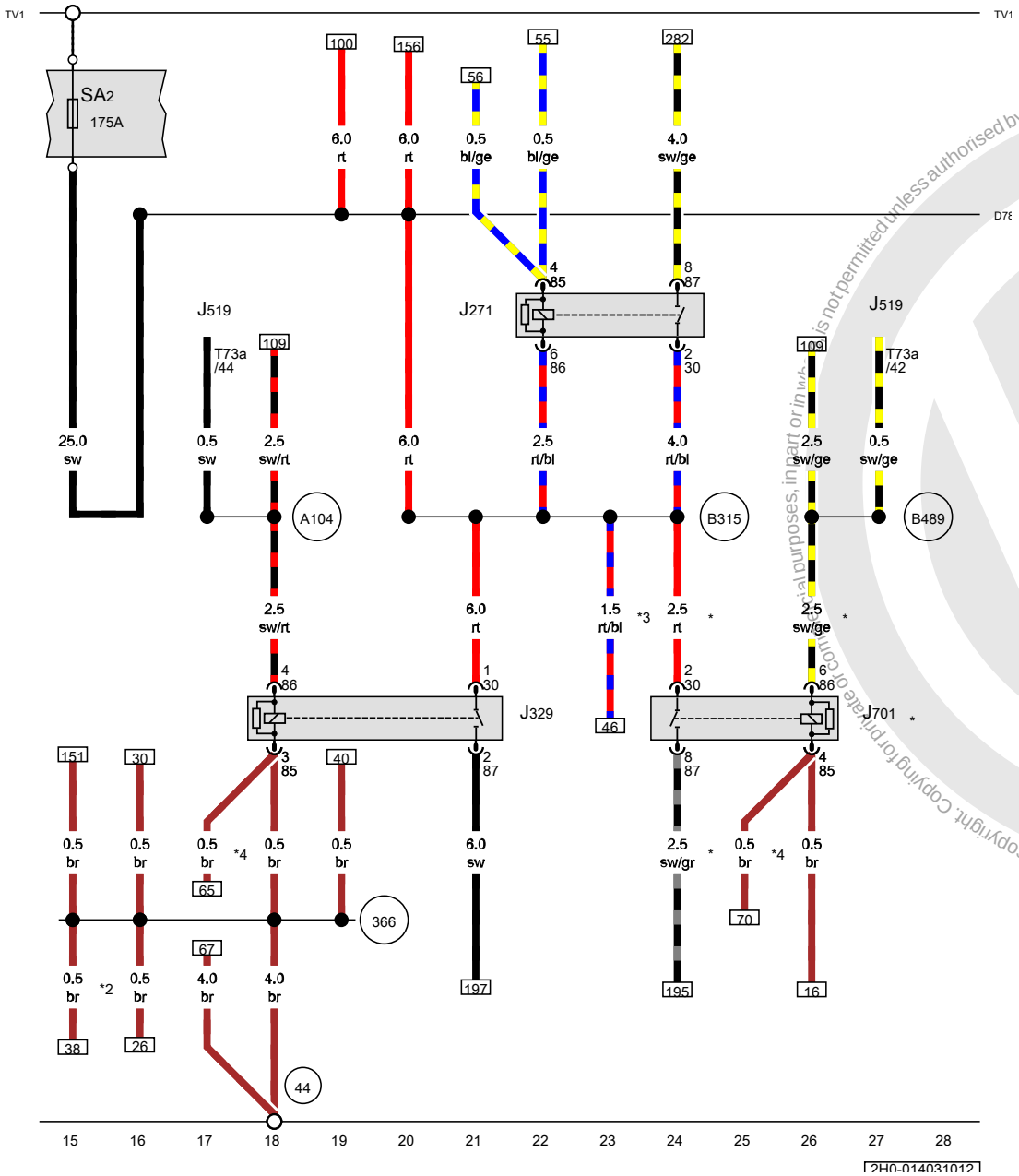
Main relay, Terminal 15 voltage supply relay, Fuse 2 in fuse holder A



J271	Main relay
J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
J701	Voltage supply relay 1
SA2	Fuse 2 in fuse holder A
T73a	73-pin connector
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
A104	Positive connection 2 (15), in dash panel wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B489	Connection 25, in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
*	Only models with electric interface for external use
*2	Up to May 2011
*3	Only models with petrol engine
*4	From November 2011

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
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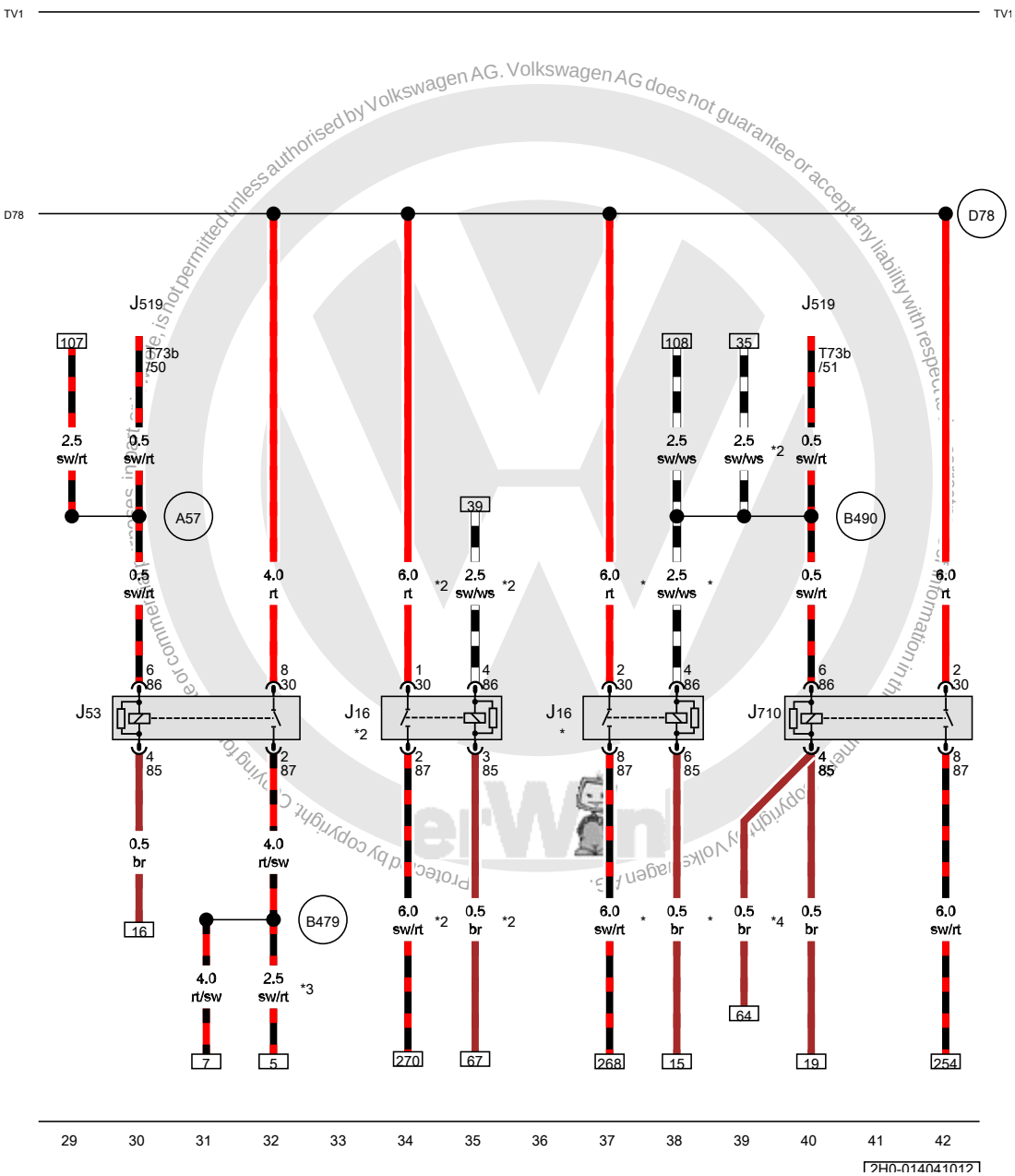

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Current supply relay, Starter motor relay, Voltage supply relay 2

J16	Current supply relay
J53	Starter motor relay
J519	Onboard supply control unit
J710	Voltage supply relay 2
T73b	73-pin connector
A57	Positive connection 3 (30), in dash panel wiring harness
B479	Connection 15, in main wiring harness
B490	Connection 26, in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
*	Up to May 2011
*2	From May 2011
*3	see applicable current flow diagram for engine
*4	From November 2011

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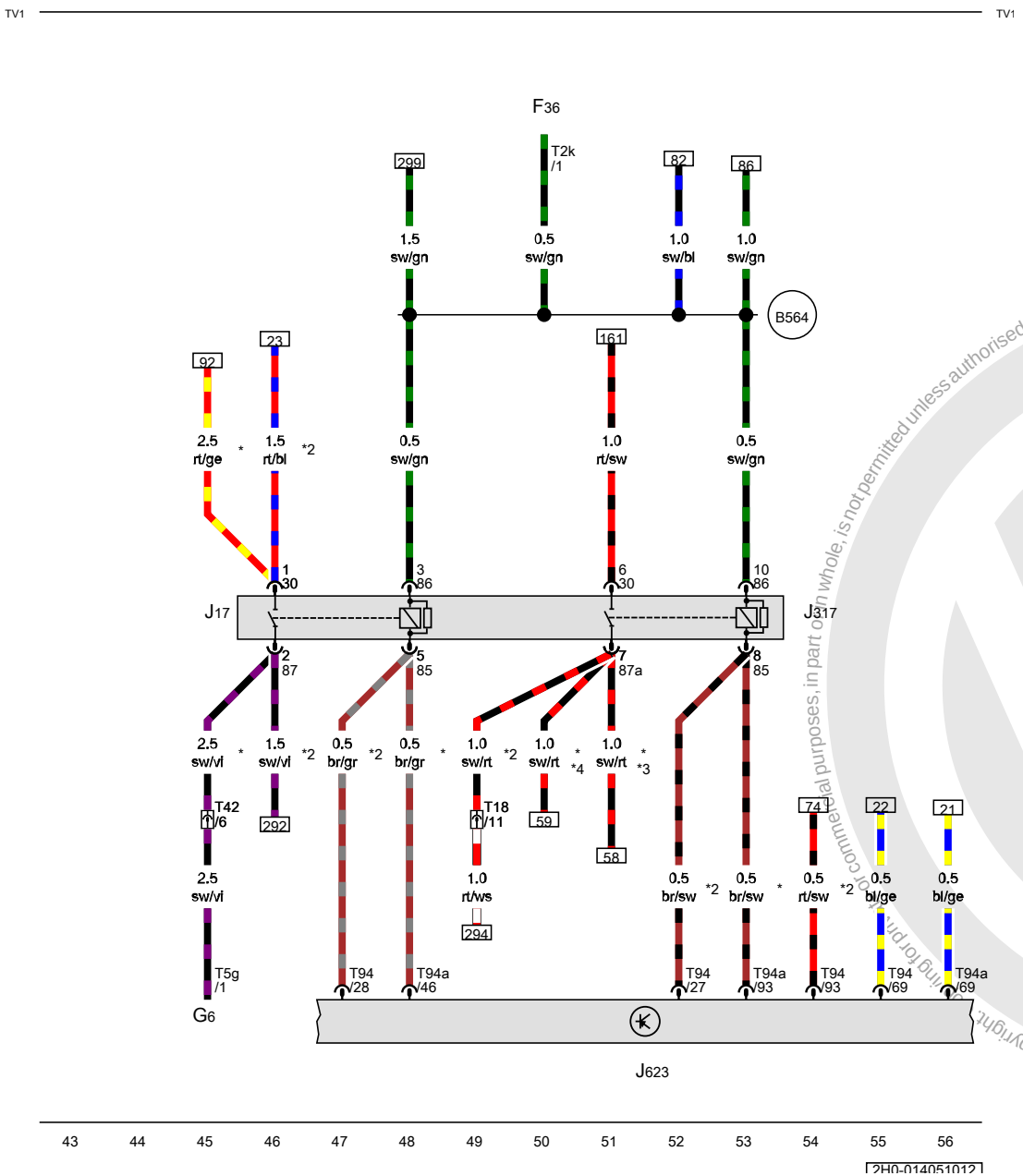
Fuel pump relay, Terminal 30 voltage supply relay, Engine control unit

F36	Clutch pedal switch
G6	Fuel system pressurisation pump
J17	Fuel pump relay
J317	Terminal 30 voltage supply relay
J623	Engine control unit
T2k	2-pin connector
T5g	5-pin connector
T18	18-pin connector, near engine control unit, black
T42	42-pin connector, near handbrake lever, black
T94	94-pin connector, black
T94a	94-pin connector, black
B564	Connection 31, in main wiring harness
*	Only models with diesel engine
*2	Only models with petrol engine
*3	Only models with air conditioning system/ Climatronic
*4	Only models with no air conditioning system/Climatronic



ws	=	white
sw	=	black
ro	=	red
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gr	=	grey
li	=	purple
ge	=	yellow
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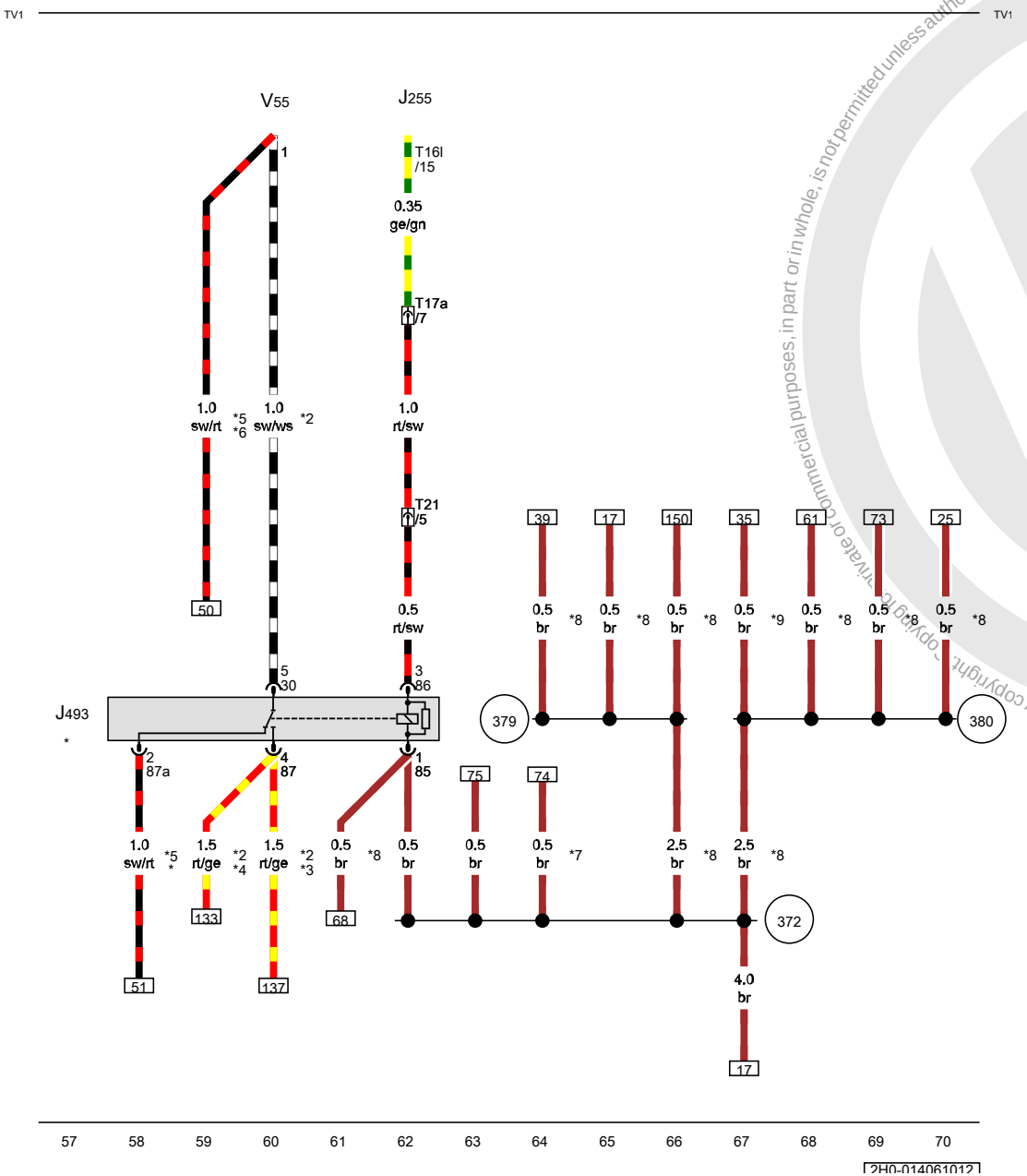

Auxiliary coolant heater relay, Circulation pump

J255	Climatronic control unit
J493	Auxiliary coolant heater relay
T16l	16-pin connector
T17a	17-pin connector, behind glove compartment, black
T21	21-pin connector, on relay carrier, blue
V55	Circulation pump
372	Earth connection 7, in main wiring harness
379	Earth connection 14, in main wiring harness
380	Earth connection 15, in main wiring harness
*	Only models with air conditioning system/ Climatronic
*2	Only models with Climatronic
*3	Only models with auxiliary coolant heater (supplementary heater)
*4	Only models with no auxiliary coolant heater
*5	Only models with diesel engine
*6	Only models with no air conditioning system/Climatronic
*7	Only models with petrol engine
*8	From November 2011
*9	From May 2011

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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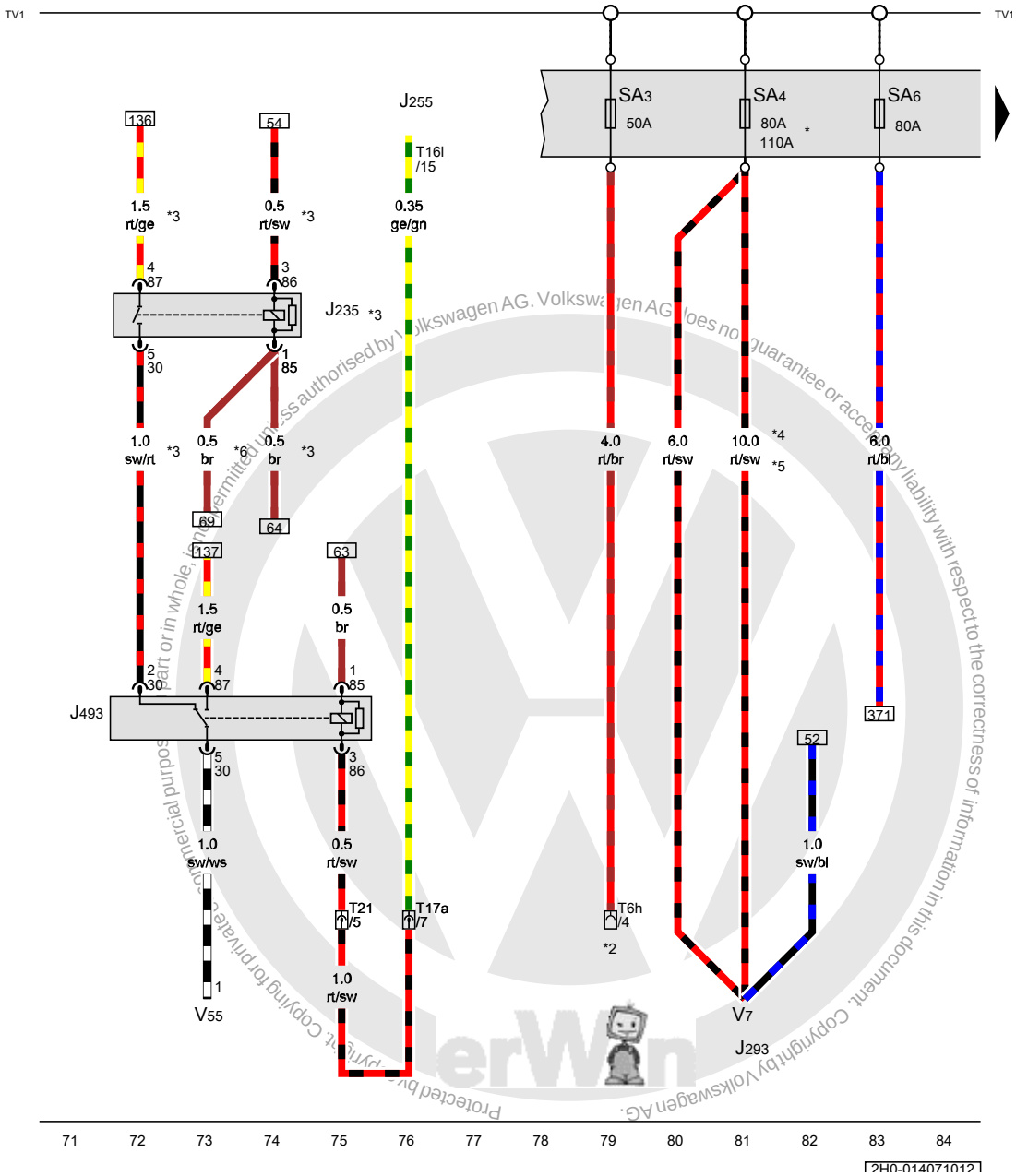
Fuse 3 in fuse holder A, Fuse 4 in fuse holder A, Fuse 6 in fuse holder A, Radiator fan, Circulation pump



J235	Coolant pump relay
J255	Climatronic control unit
J293	Radiator fan control unit
J493	Auxiliary coolant heater relay
SA3	Fuse 3 in fuse holder A
SA4	Fuse 4 in fuse holder A
SA6	Fuse 6 in fuse holder A
T6h	6-pin connector, in front centre console, black
T16l	16-pin connector
T17a	17-pin connector, behind glove compartment, black
T21	21-pin connector, on relay carrier, blue
V7	Radiator fan
V55	Circulation pump
*	According to equipment
*2	Only models with electric interface for external use
*3	Only models with petrol engine
*4	Only models with air conditioning system/ Climatronic
*5	Only for countries with hot climate
*6	From November 2011

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
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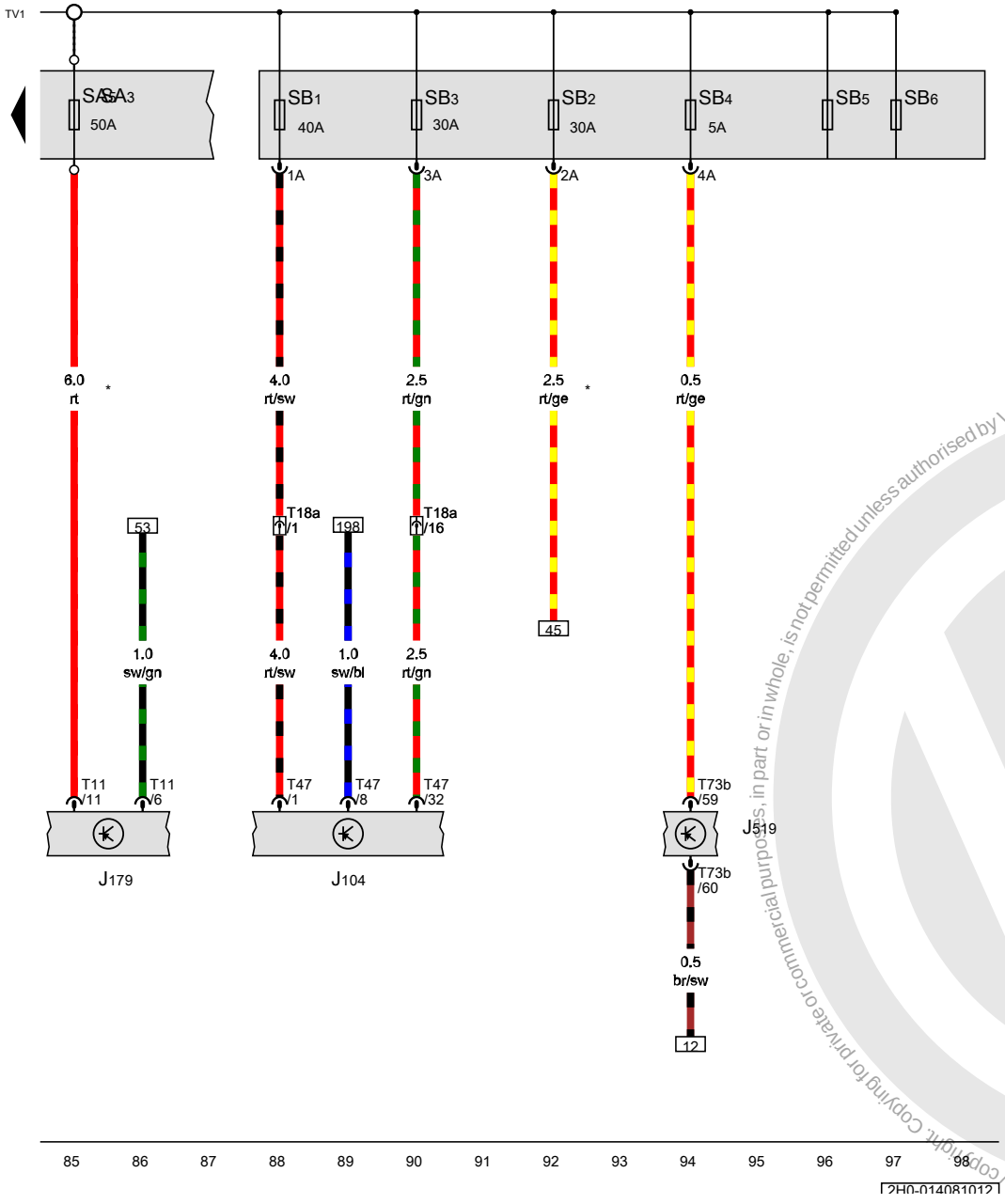
ABS control unit, Automatic glow period control unit, Onboard supply control unit, Fuse 1 on fuse holder B, Fuse 2 on fuse holder B, Fuse 3 in fuse holder A, Fuse 3 on fuse holder B, Fuse 4 on fuse holder B, Fuse 5 in fuse holder A

J104	ABS control unit
J179	Automatic glow period control unit
J519	Onboard supply control unit
SB1	Fuse 1 on fuse holder B
SB2	Fuse 2 on fuse holder B
SA3	Fuse 3 in fuse holder A
SB3	Fuse 3 on fuse holder B
SB4	Fuse 4 on fuse holder B
SB5	Fuse 5 on fuse holder B
SA5	Fuse 5 in fuse holder A
SB6	Fuse 6 on fuse holder B
T11	11-pin connector, black
T18a	18-pin connector, near engine control unit, grey
T47	47-pin connector, black
T73b	73-pin connector
*	Only models with diesel engine



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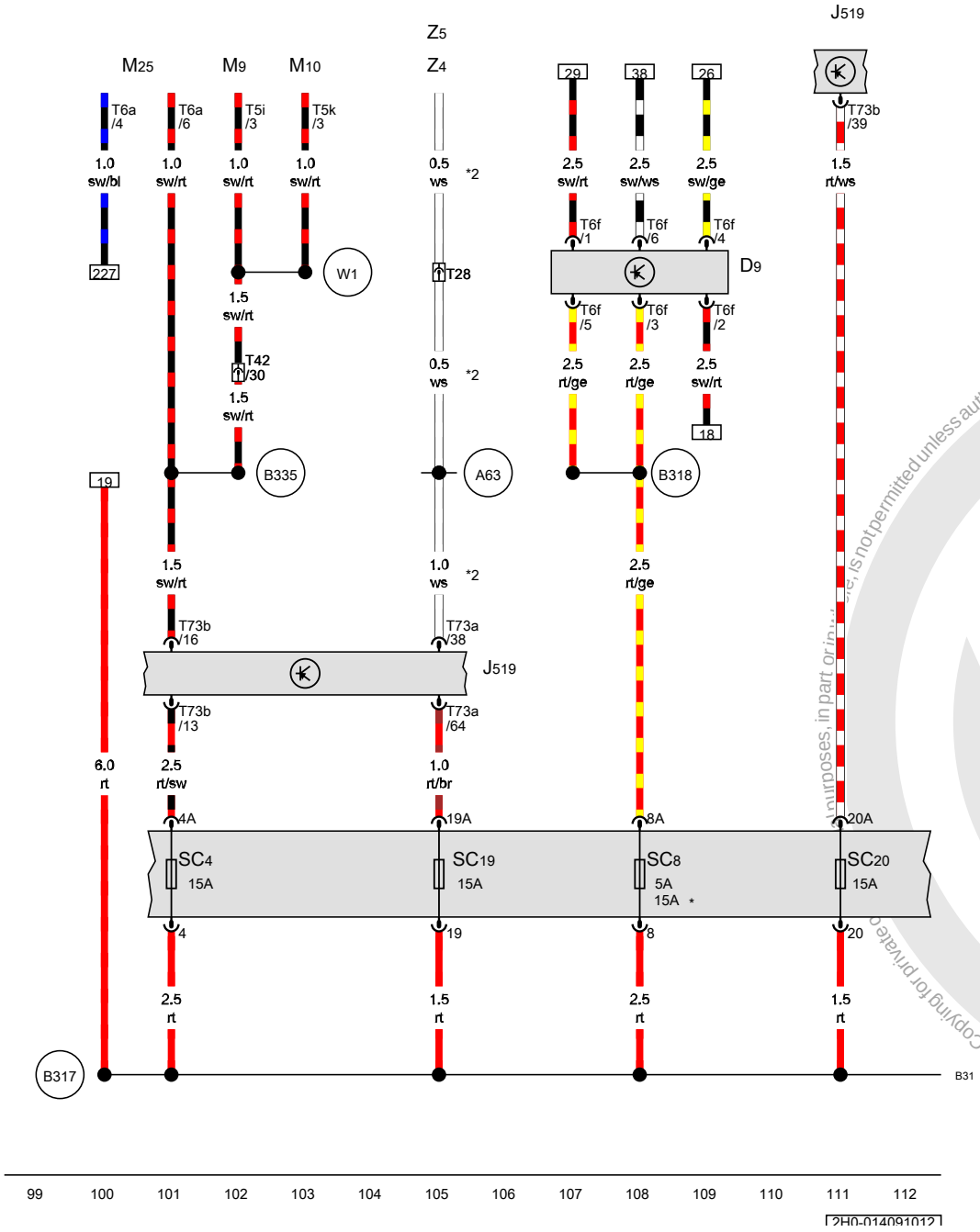

Electronic ignition lock, Left brake light bulb, Right brake light bulb, Additional brake light bulb, Heated exterior mirror on driver side, Heated exterior mirror on front passenger side

D9	Electronic ignition lock
J519	Onboard supply control unit
M9	Left brake light bulb
M10	Right brake light bulb
M25	Additional brake light bulb
SC4	Fuse 4 on fuse holder C
SC8	Fuse 8 on fuse holder C
SC19	Fuse 19 on fuse holder C
SC20	Fuse 20 on fuse holder C
T5i	5-pin connector
T5k	5-pin connector
T6a	6-pin connector
T6f	6-pin connector, black
T28	28-pin connector, near A-pillar, grey
T42	42-pin connector, near handbrake lever, black
T73a	73-pin connector, black
T73b	73-pin connector
Z4	Heated exterior mirror on driver side
Z5	Heated exterior mirror on front passenger side
A63	Connection (mirror adjustment/heating), in dash panel wiring harness
B317	Positive connection 3 (30a) in main wiring harness
B318	Positive connection 4 (30a) in main wiring harness
B335	Connection 1 (54), in main wiring harness
W1	Positive connection 1 (54), in rear wiring harness
*	From May 2011
*2	see applicable current flow diagram for window regulators/ basic equipment/ convenience system

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
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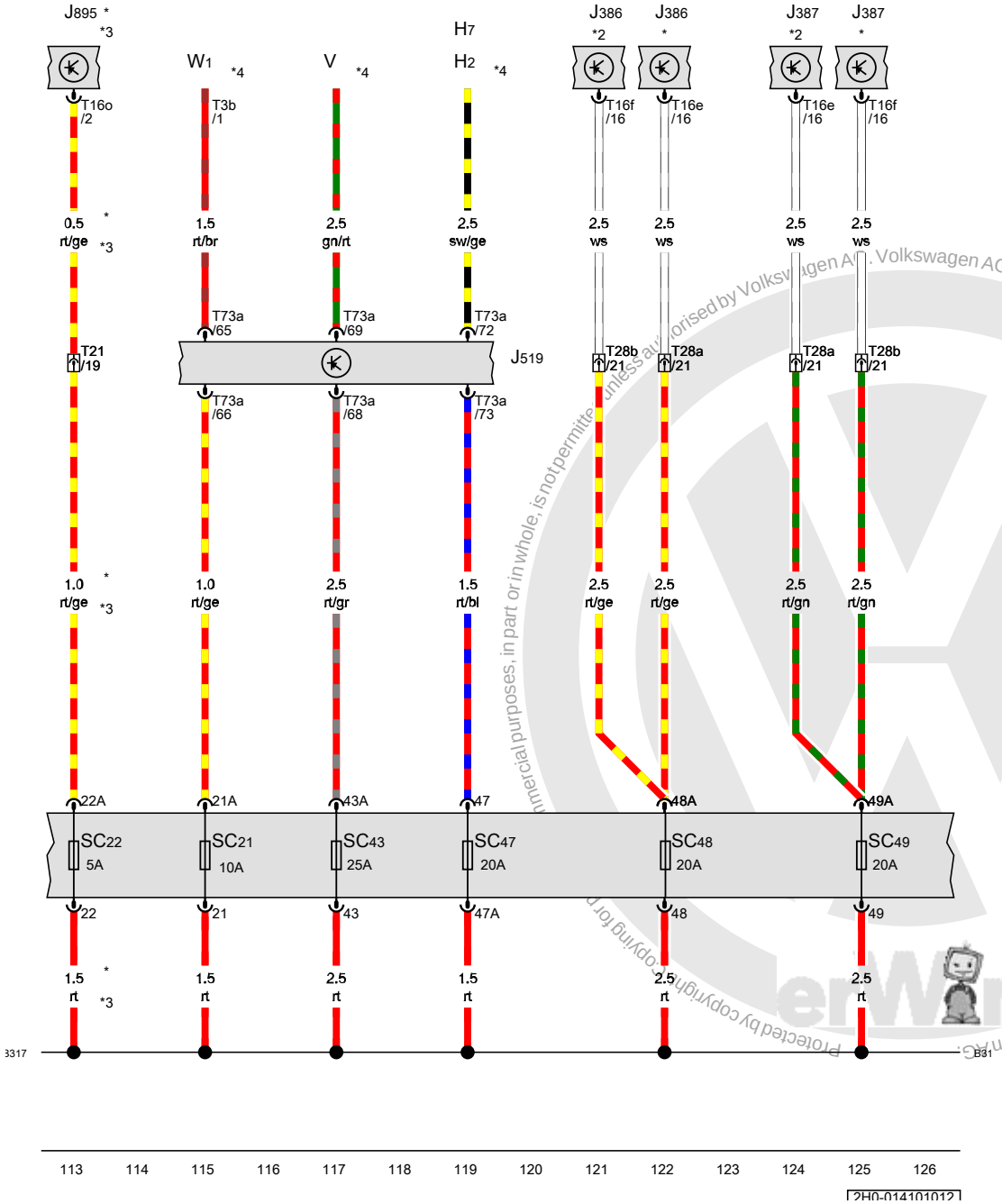

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Treble horn, Driver door control unit, Front passenger door control unit, Control unit for vehicle location system, Windscreen wiper motor, Front interior light

H2	Treble horn
H7	Bass horn
J386	Driver door control unit
J387	Front passenger door control unit
J519	Onboard supply control unit
J895	Control unit for vehicle location system
SC21	Fuse 21 on fuse holder C
SC22	Fuse 22 on fuse holder C
SC43	Fuse 43 on fuse holder C
SC47	Fuse 47 on fuse holder C
SC48	Fuse 48 on fuse holder C
SC49	Fuse 49 on fuse holder C
T3b	3-pin connector
T16e	16-pin connector, black
T16f	16-pin connector
T16o	16-pin connector, brown
T21	21-pin connector, on relay carrier, blue
T28a	28-pin connector, in left A-pillar
T28b	28-pin connector, on right A-pillar
T73a	73-pin connector, black
V	Windscreen wiper motor
W1	Front interior light
B317	Positive connection 3 (30a) in main wiring harness
*	Only left-hand drive models
*2	Only right-hand drive models
*3	Country specific
*4	see applicable current flow diagram for basic equipment

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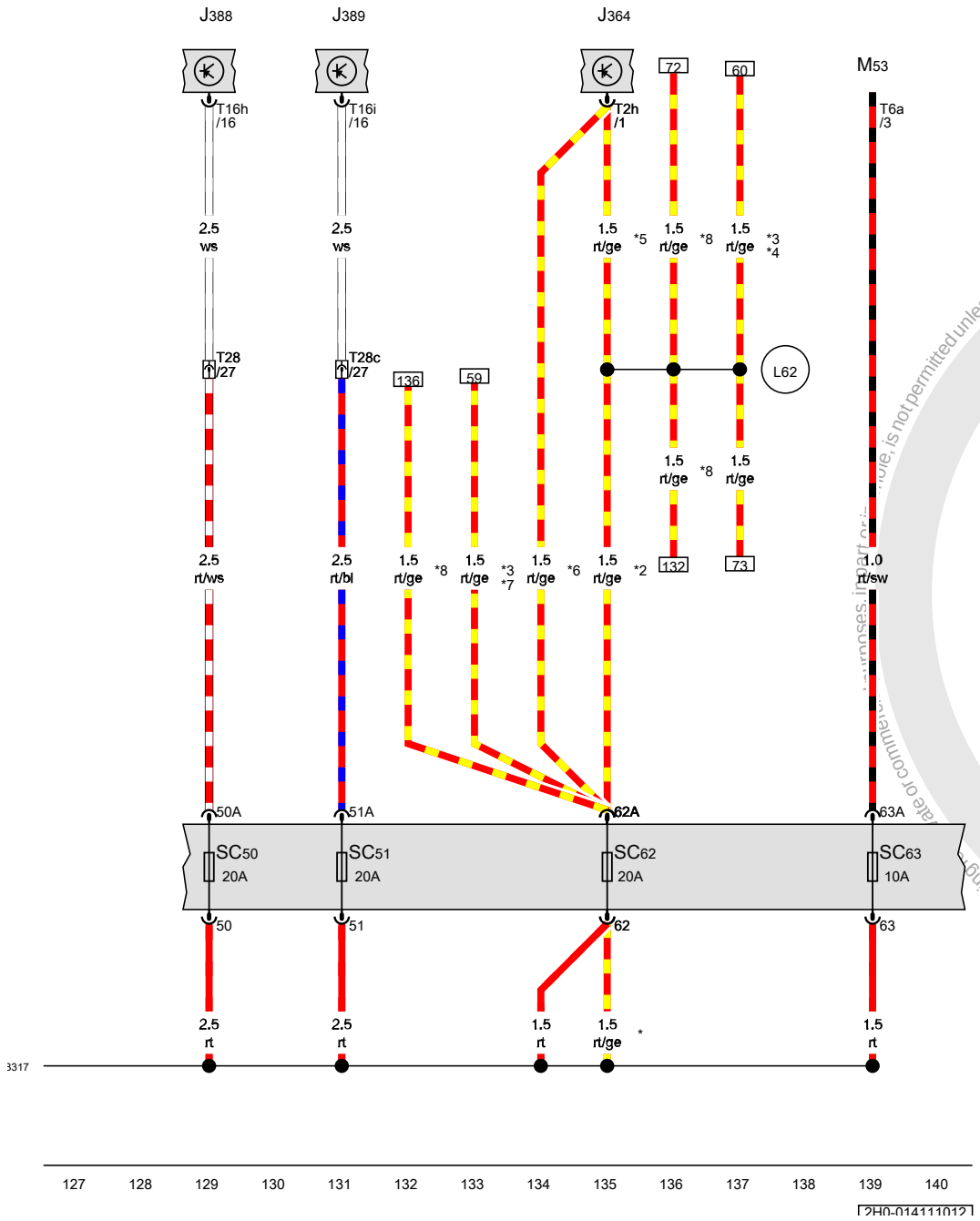

Auxiliary heater control unit, Rear left door control unit, Rear right door control unit, Load area illumination bulb

J364	Auxiliary heater control unit
J388	Rear left door control unit
J389	Rear right door control unit
M53	Load area illumination bulb
SC50	Fuse 50 on fuse holder C
SC51	Fuse 51 on fuse holder C
SC62	Fuse 62 on fuse holder C
SC63	Fuse 63 on fuse holder C
T2h	2-pin connector
T6a	6-pin connector
T16h	16-pin connector
T16i	16-pin connector
T28	28-pin connector, near A-pillar, grey
T28c	28-pin connector
B317	Positive connection 3 (30a) in main wiring harness
L62	Positive connection (30a), in auxiliary heater wiring harness
*	Only right-hand drive models
*2	Only models with air conditioning system/ Climatronic
*3	Only models with Climatronic
*4	Only models with auxiliary coolant heater (supplementary heater)
*5	Only models with air conditioning system
*6	Only models with no air conditioning system/Climatronic
*7	Only models with no auxiliary coolant heater
*8	Only models with petrol engine

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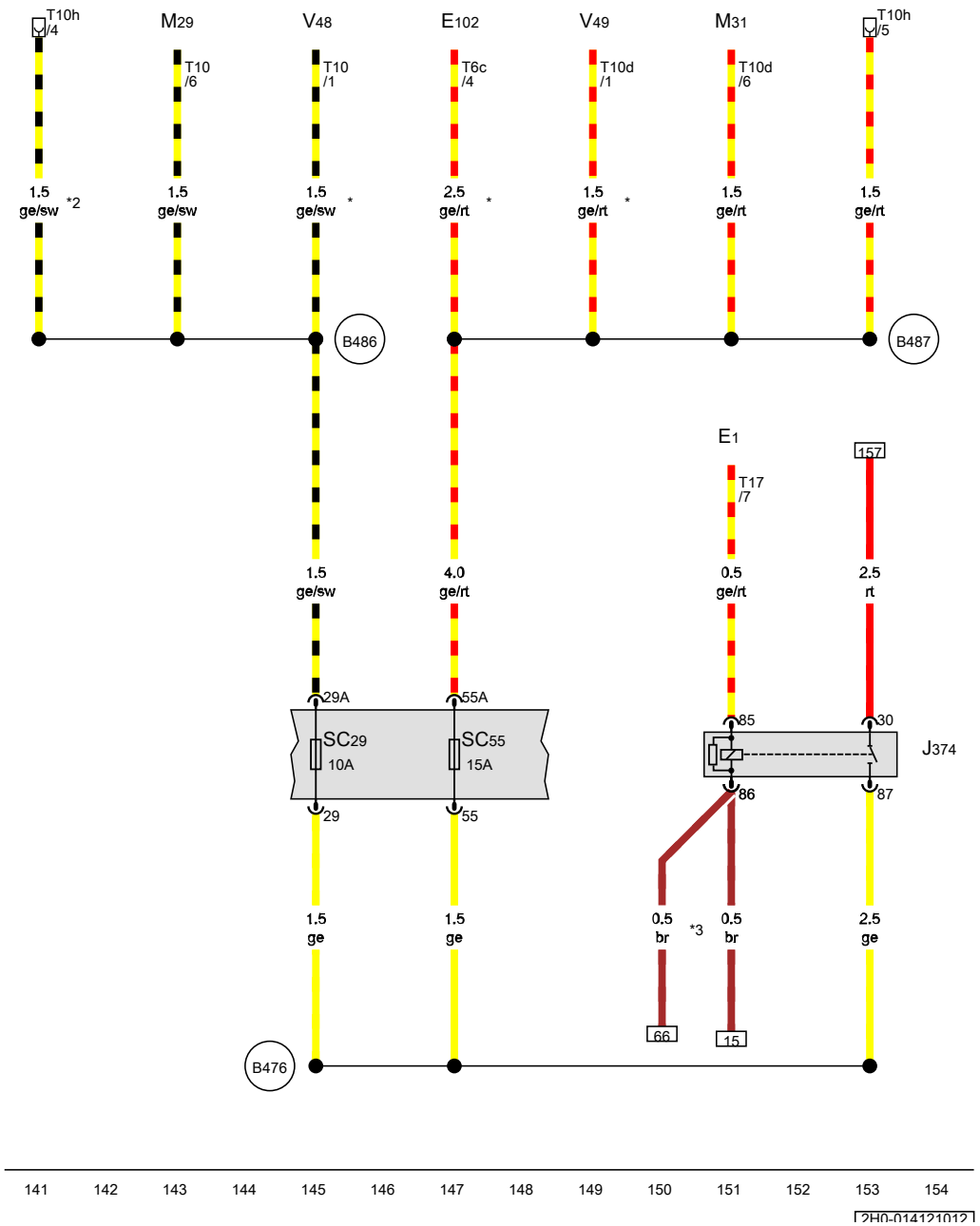

Left headlight dipped beam bulb, Right headlight dipped beam bulb, Left headlight range control motor, Right headlight range control motor

E1	Light switch
E102	Headlight range control regulator
J374	Terminal 58b relief relay
M29	Left headlight dipped beam bulb
M31	Right headlight dipped beam bulb
SC29	Fuse 29 on fuse holder C
SC55	Fuse 55 on fuse holder C
T6c	6-pin connector
T10	10-pin connector
T10d	10-pin connector
T10h	10-pin connector, in front centre console, purple
T17	17-pin connector
V48	Left headlight range control motor
V49	Right headlight range control motor
B476	Connection 12, in main wiring harness
B486	Connection 22, in main wiring harness
B487	Connection 23, in main wiring harness
*	Only models with headlight range control
*2	Only models with electric interface for external use
*3	From November 2011

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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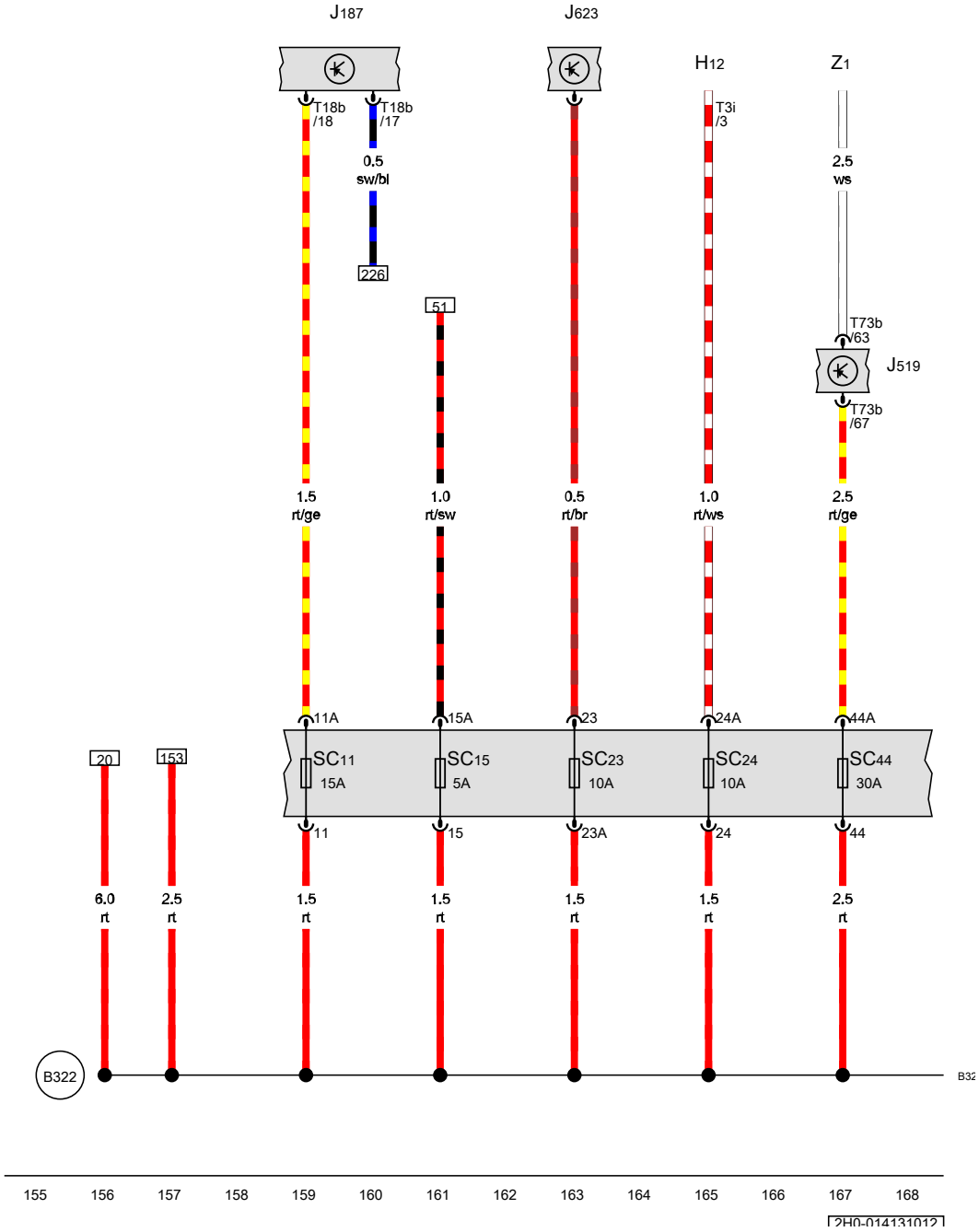
Alarm horn, Differential lock control unit, Engine control unit, Heated rear window

H12	Alarm horn
J187	Differential lock control unit
J519	Onboard supply control unit
J623	Engine control unit
SC11	Fuse 11 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC23	Fuse 23 on fuse holder C
SC24	Fuse 24 on fuse holder C
SC44	Fuse 44 on fuse holder C
T3i	3-pin connector
T18b	18-pin connector
T73b	73-pin connector
Z1	Heated rear window
B322	Positive connection 8 (30a) in main wiring harness



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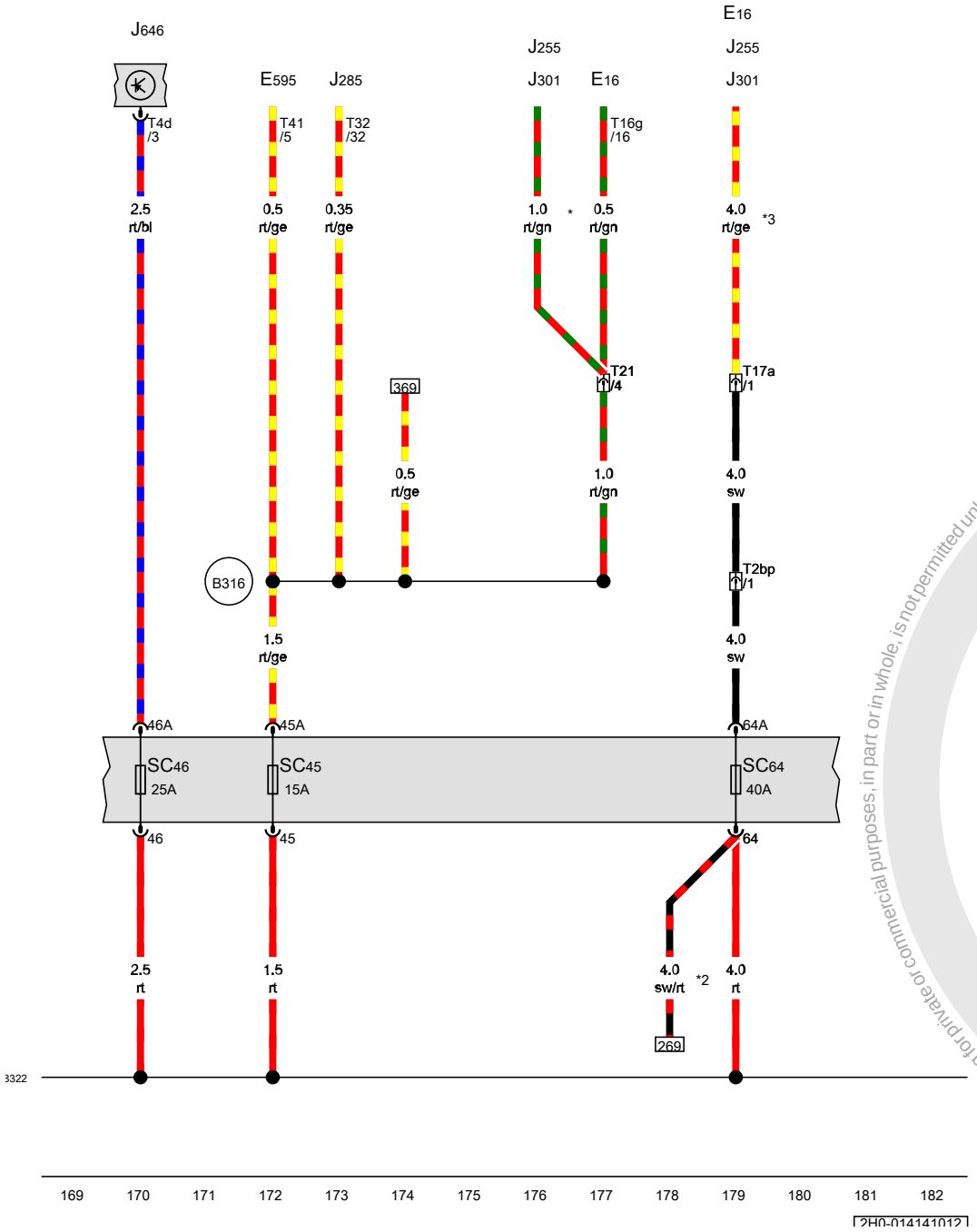

Steering column combination switch, Control unit in dash panel insert, Transfer box control unit

E16	Heater/heat output switch
E595	Steering column combination switch
J255	Climatronic control unit
J285	Control unit in dash panel insert
J301	Air conditioning system control unit
J646	Transfer box control unit
SC45	Fuse 45 on fuse holder C
SC46	Fuse 46 on fuse holder C
SC64	Fuse 64 on fuse holder C
T2bp	2-pin connector
T4d	4-pin connector
T16g	16-pin connector
T17a	17-pin connector, behind glove compartment, black
T21	21-pin connector, on relay carrier, blue
T32	32-pin connector, blue
T41	41-pin connector, grey
B316	Positive connection 2 (30a) in main wiring harness
B322	Positive connection 8 (30a) in main wiring harness
*	see applicable current flow diagram for air conditioning
*2	Only models with Climatic
*3	see applicable current flow diagram

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
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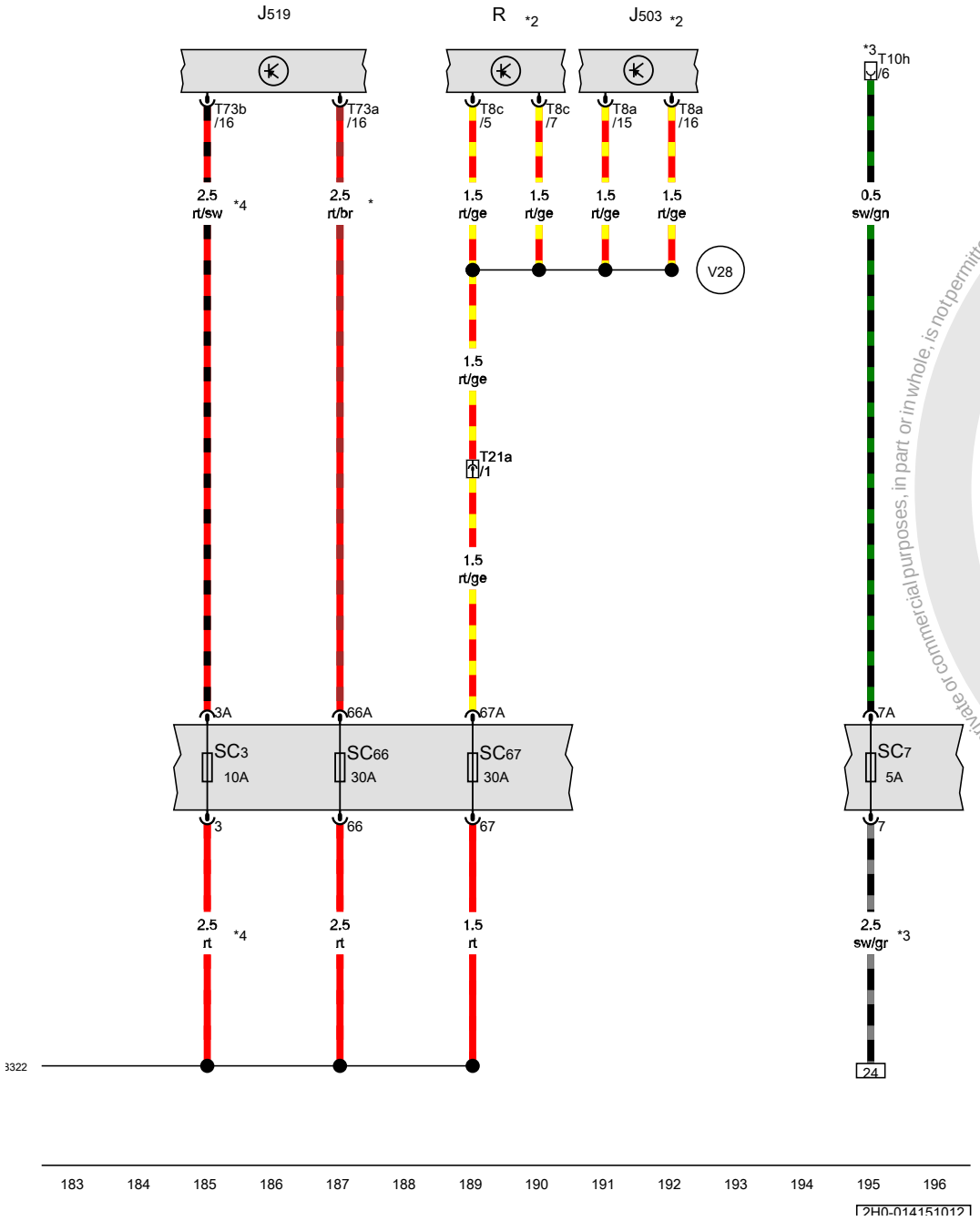

Control unit with display for radio and navigation, Onboard supply control unit, Radio, Fuse 3 on fuse holder C, 10-pin connector

J503	Control unit with display for radio and navigation
J519	Onboard supply control unit
R	Radio
SC3	Fuse 3 on fuse holder C
SC7	Fuse 7 on fuse holder C
SC66	Fuse 66 on fuse holder C
SC67	Fuse 67 on fuse holder C
T8a	8-pin connector, black
T8c	8-pin connector, black
T10h	10-pin connector, in front centre console, purple
T21a	21-pin connector, on relay carrier
T73a	73-pin connector
T73b	73-pin connector
B322	Positive connection 8 (30a) in main wiring harness
V28	Connection 1, in radio wiring harness
*	see applicable current flow diagram for basic equipment/ central locking
*2	According to equipment
*3	Only models with electric interface for external use
*4	Only models with automatic gearbox

ws	=	white
sw	=	black
ro	=	red
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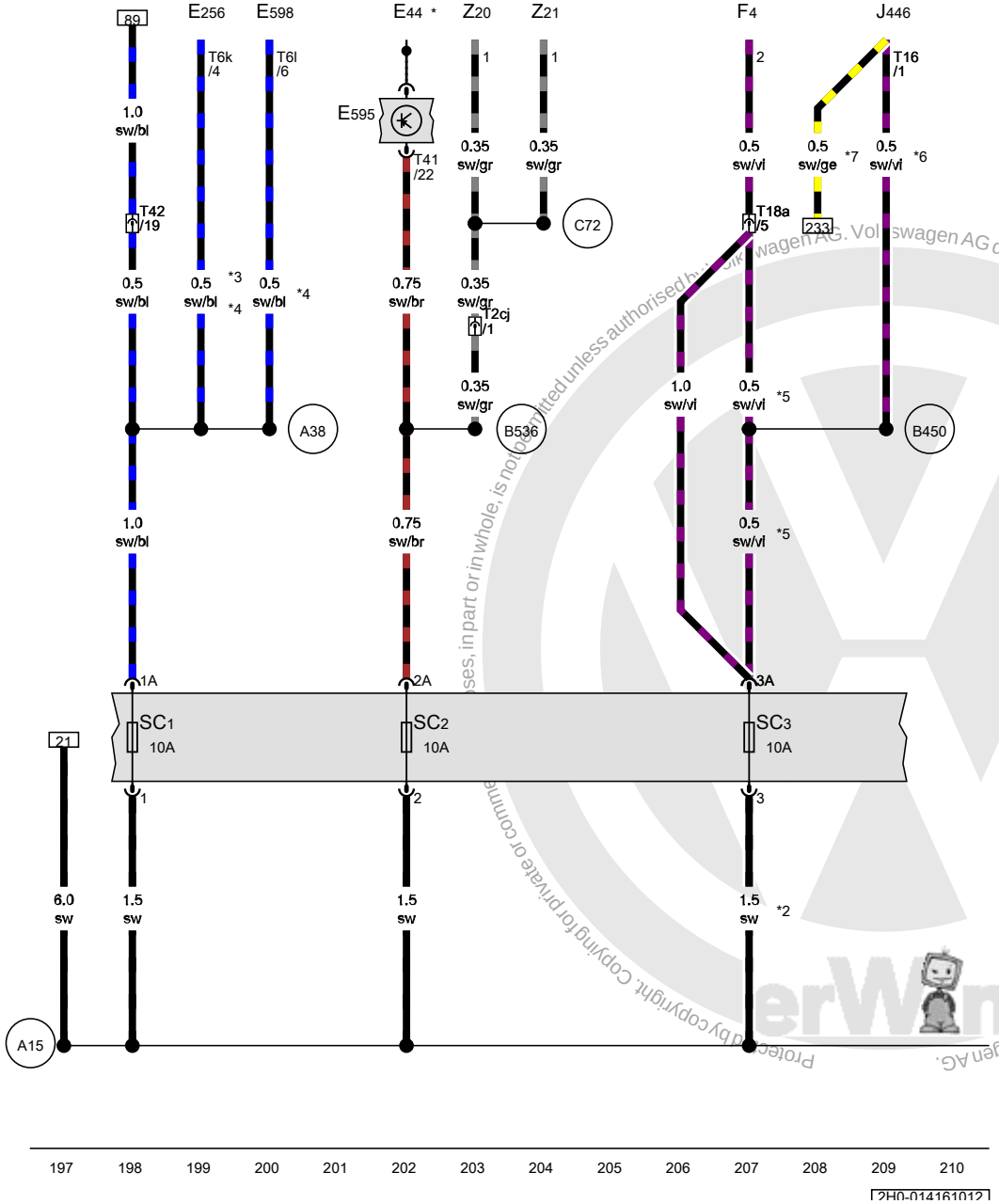

ws = white
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rs = pink

Washer pump switch (automatic wash/wipe and headlight washer system), TCS and ESP button, Steering column combination switch, Driving program button, Reversing light switch, Left washer jet heater element

E44	Washer pump switch (automatic wash/wipe and headlight washer system)
E256	TCS and ESP button
E595	Steering column combination switch
E598	Driving program button
F4	Reversing light switch
J446	Parking aid control unit
SC1	Fuse 1 on fuse holder C
SC2	Fuse 2 on fuse holder C
SC3	Fuse 3 on fuse holder C
T2cj	2-pin connector, near window wiper motor, black
T6k	6-pin connector, black
T6l	6-pin connector, red
T16	16-pin connector, brown
T18a	18-pin connector, near engine control unit, grey
T41	41-pin connector
T42	42-pin connector, near handbrake lever, black
Z20	Left washer jet heater element
Z21	Right washer jet heater element
A15	Positive connection (15), in instrument wiring harness
A38	Positive connection 2 (15a) in dash panel wiring harness
B450	Connection 1 (PDC), in main wiring harness
B536	Connection 27, in main wiring harness
C72	Positive connection in heated washer jet wiring harness
*	see applicable current flow diagram for basic equipment
*2	Only models with manual gearbox
*3	Only models with anti-lock brake system (ABS), traction control system (TCS) and electronic differential lock (EDL)
*4	with auxiliary drive (part time)
*5	Only models with parking aid (PDC)
*6	Only models with no automatic gearbox
*7	Only models with automatic gearbox

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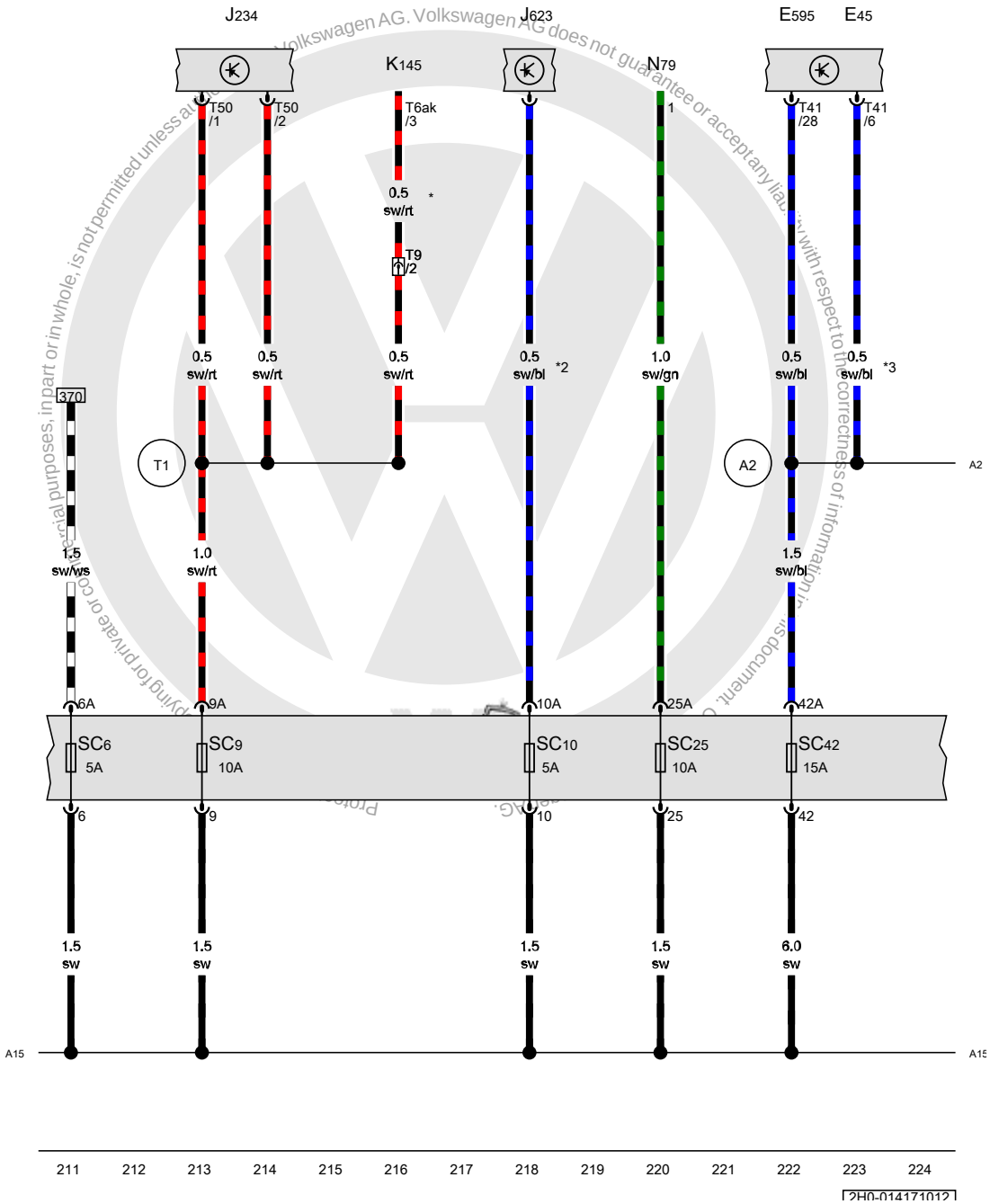

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gn = green
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rs = pink

Cruise control system switch, Steering column combination switch, Airbag control unit, Engine control unit, Front passenger side airbag deactivated warning lamp, Heater element for crankcase breather, Fuse 42 on fuse holder C

E45	Cruise control system switch
E595	Steering column combination switch
J234	Airbag control unit
J623	Engine control unit
K145	Front passenger side airbag deactivated warning lamp
N79	Heater element for crankcase breather
SC6	Fuse 6 on fuse holder C
SC9	Fuse 9 on fuse holder C
SC10	Fuse 10 on fuse holder C
SC25	Fuse 25 on fuse holder C
SC42	Fuse 42 on fuse holder C
T6ak	6-pin connector, white
T9	9-pin connector, on relay carrier, yellow
T41	41-pin connector, grey
T50	50-pin connector, black
A2	Positive connection (15), in dash panel wiring harness
A15	Positive connection (15), in instrument wiring harness
T1	Positive connection 1, in airbag wiring harness
*	Only models with key operated switch to deactivate front passenger airbag
*2	see applicable current flow diagram for engine
*3	Only models with cruise control system (CCS)

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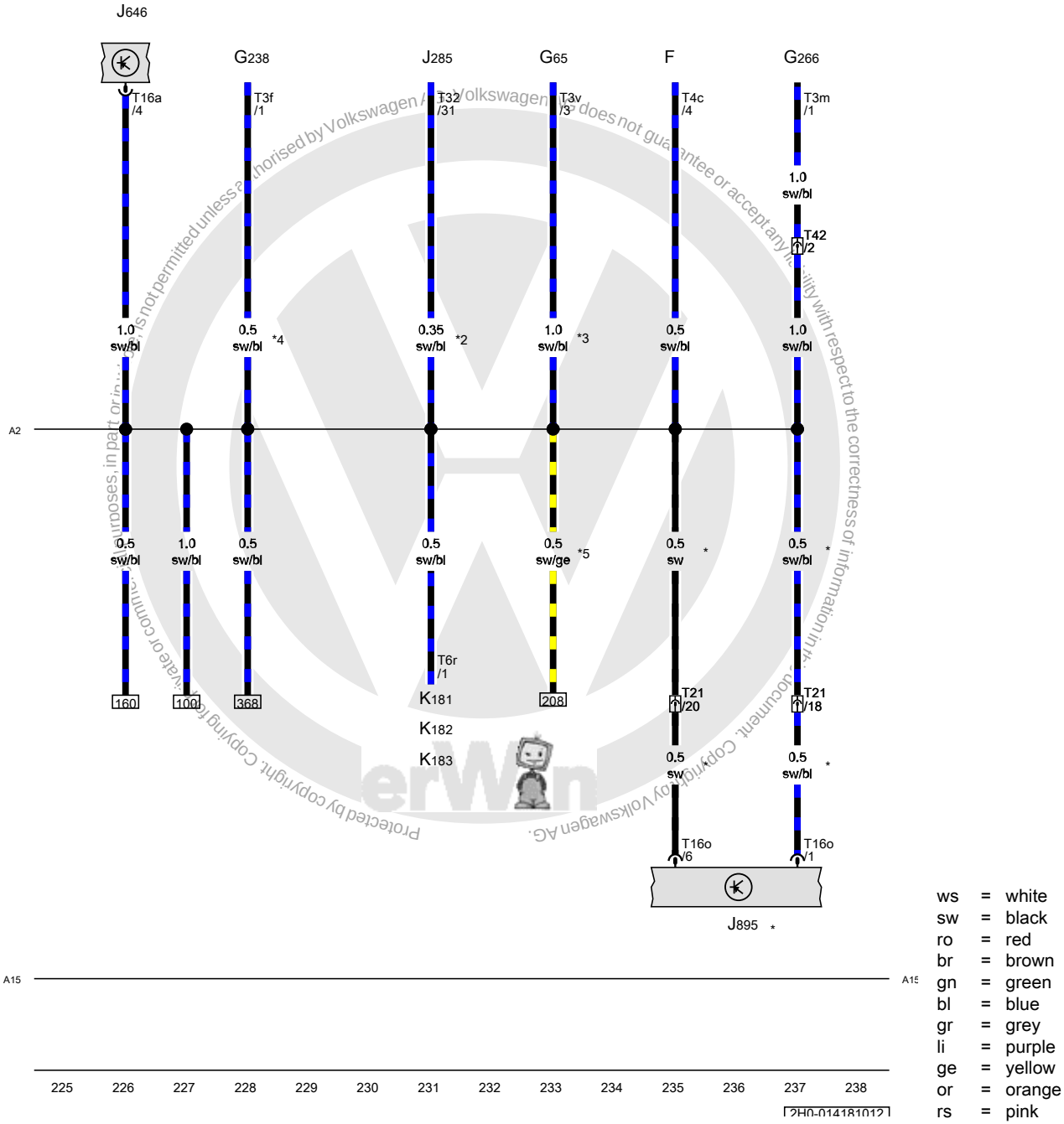

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sw = black
ro = red
br = brown
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Brake light switch, Oil level and oil temperature sender, Control unit in dash panel insert, Transfer box control unit, Control unit for vehicle location system, Normal operation warning lamp in transfer box operating unit

F	Brake light switch
G65	High-pressure sender
G238	Air quality sensor
G266	Oil level and oil temperature sender
J285	Control unit in dash panel insert
J646	Transfer box control unit
J895	Control unit for vehicle location system
K181	Normal operation warning lamp in transfer box operating unit
K182	Reduction gearing warning lamp in transfer box operating unit
K183	Inter-axle lock-up warning lamp in transfer box operating unit
T3f	3-pin connector, grey
T3m	3-pin connector, black
T3v	3-pin connector, black
T4c	4-pin connector, black
T6r	6-pin connector, brown
T16a	16-pin connector, brown
T16o	16-pin connector
T21	21-pin connector, on relay carrier, blue
T32	32-pin connector, blue
T42	42-pin connector, near handbrake lever, black
A2	Positive connection (15), in dash panel wiring harness
A15	Positive connection (15), in instrument wiring harness
*	Only left-hand drive models
*2	According to equipment
*3	Only models with air conditioning system/ Climatronic
*4	Only models with Climatronic
*5	Only models with automatic gearbox

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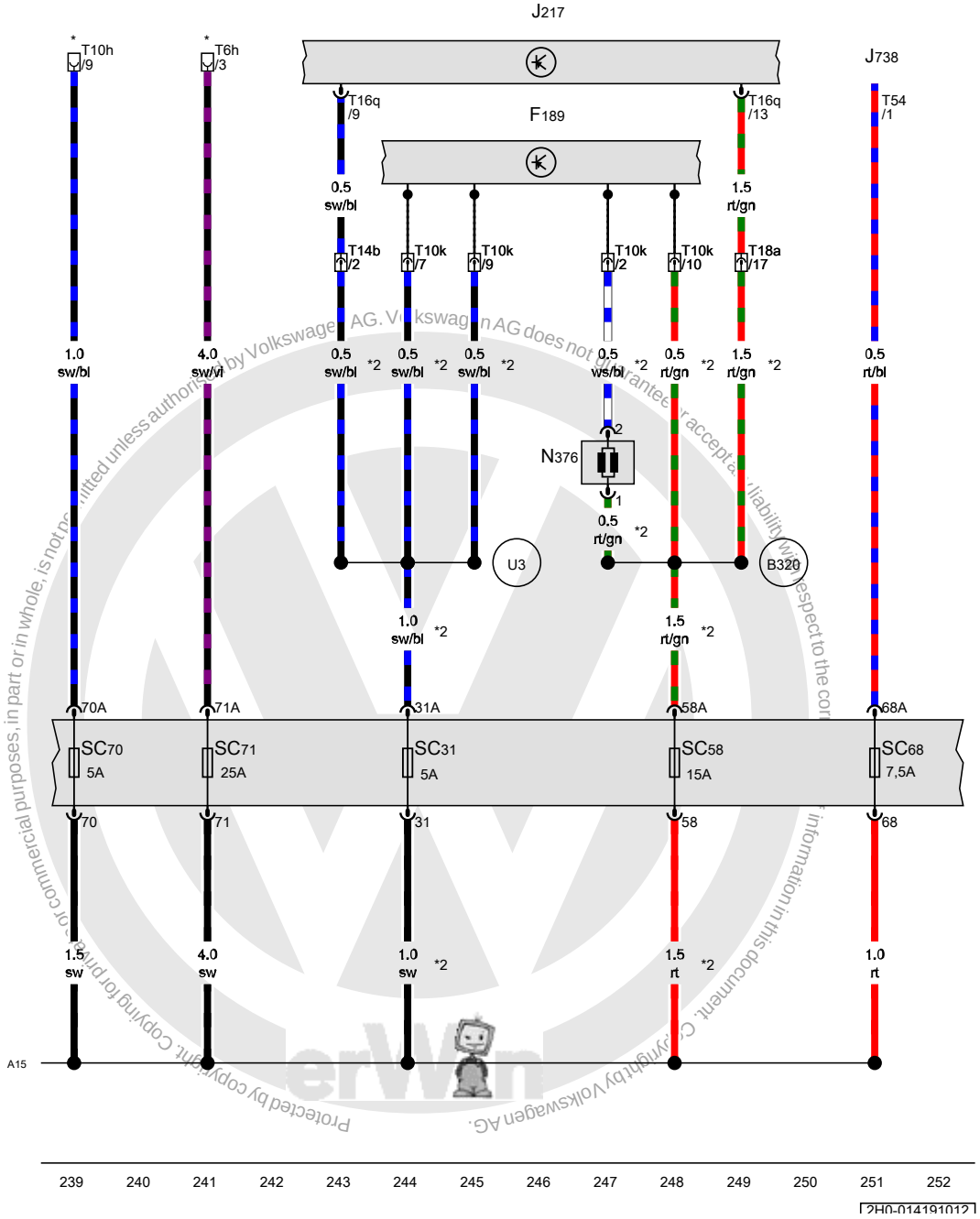

Tiptronic switch, Automatic gearbox control unit, Telephone controls control unit, Fuse 70 on fuse holder C, Fuse 71 on fuse holder C, 6-pin connector, 10-pin connector

F189	Tiptronic switch
J217	Automatic gearbox control unit
J738	Telephone controls control unit
N376	Ignition key withdrawal lock solenoid
SC31	Fuse 31 on fuse holder C
SC58	Fuse 58 on fuse holder C
SC68	Fuse 68 on fuse holder C
SC70	Fuse 70 on fuse holder C
SC71	Fuse 71 on fuse holder C
T6h	6-pin connector, in front centre console, black
T10h	10-pin connector, in front centre console, purple
T10k	10-pin connector, in centre console, near handbrake lever, black
T14b	14-pin connector, near battery, black
T16q	16-pin connector, black
T18a	18-pin connector, near engine control unit, grey
T54	54-pin connector
A15	Positive connection (15), in instrument wiring harness
B320	Positive connection 6 (30a) in main wiring harness
U3	Connection 1, in automatic gearbox wiring harness
*	Only models with electric interface for external use
*2	Only models with automatic gearbox

ws	=	white
sw	=	black
ro	=	red
br	=	brown
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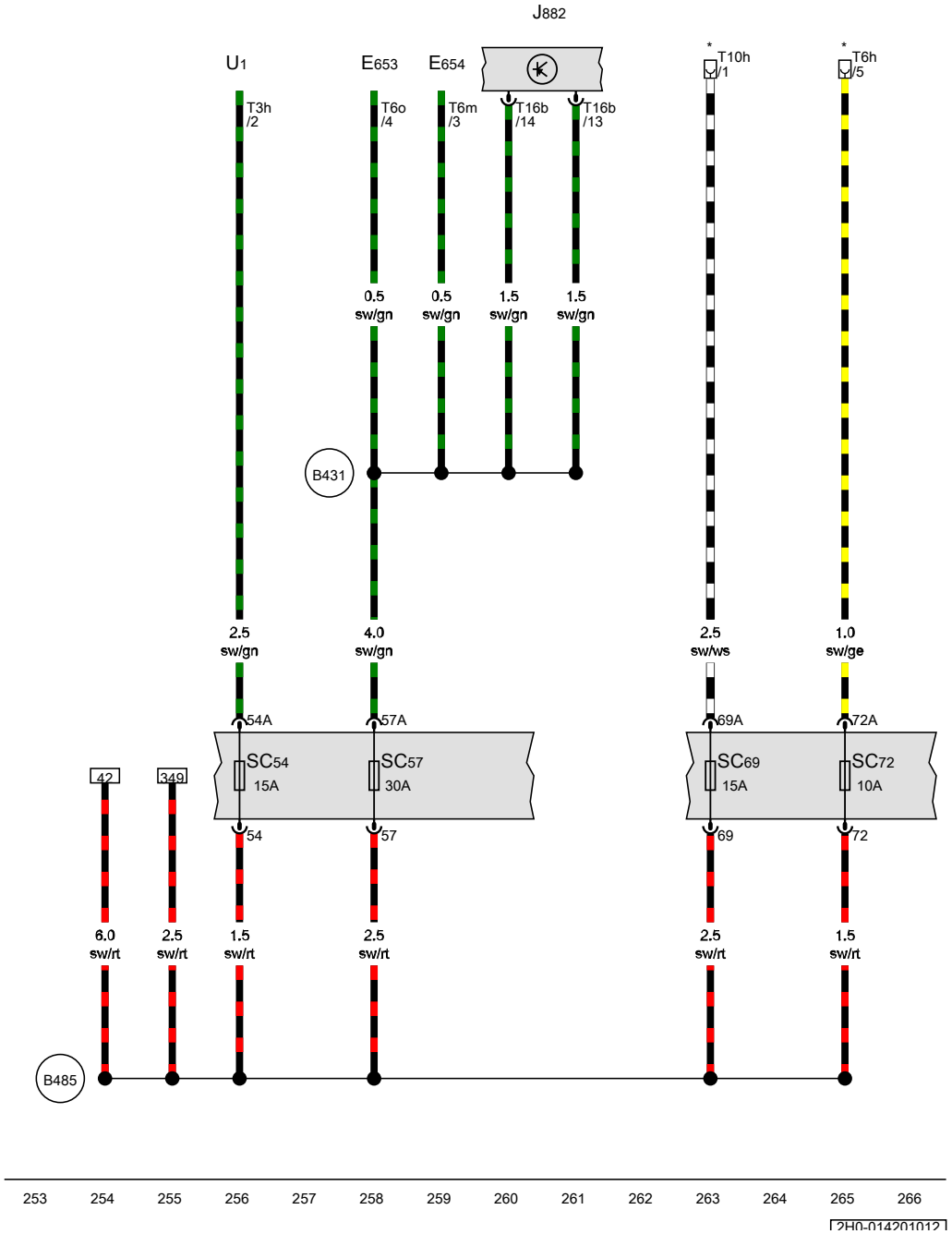

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Button for left seat heating, Button for right seat heating, Seat heating control unit, 10-pin connector, Cigarette lighter

E653	Button for left seat heating
E654	Button for right seat heating
J882	Seat heating control unit
SC54	Fuse 54 on fuse holder C
SC57	Fuse 57 on fuse holder C
SC69	Fuse 69 on fuse holder C
SC72	Fuse 72 on fuse holder C
T3h	3-pin connector
T6h	6-pin connector, in front centre console, black
T6m	6-pin connector, white
T6o	6-pin connector, blue
T10h	10-pin connector, in front centre console, purple
T16b	16-pin connector, black
U1	Cigarette lighter
B431	Connection (seat heating), in main wiring harness
B485	Connection 21, in main wiring harness
*	Only models with electric interface for external use

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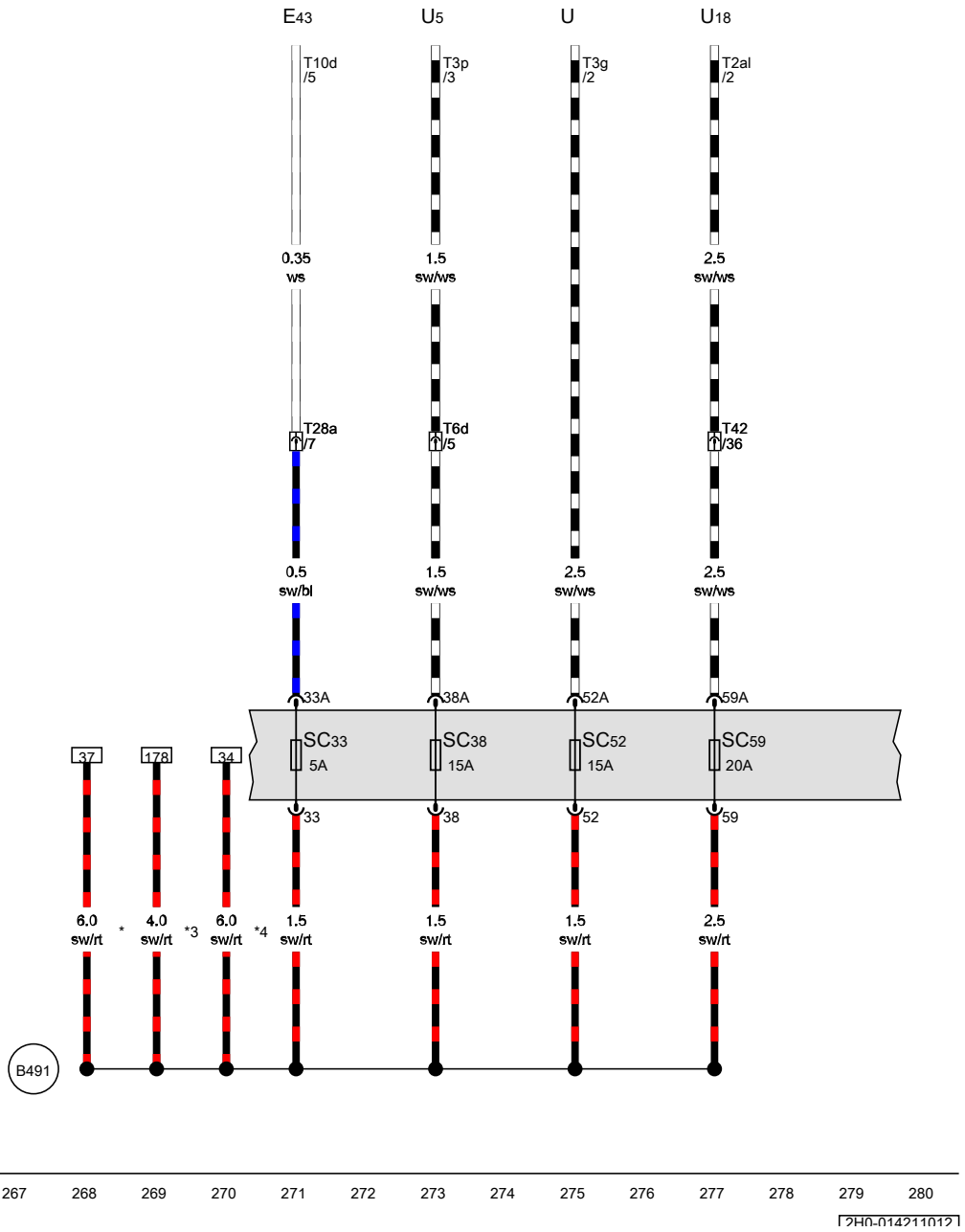

Mirror adjustment switch, Electric socket, 12 V socket

E43	Mirror adjustment switch
SC33	Fuse 33 on fuse holder C
SC38	Fuse 38 on fuse holder C
SC52	Fuse 52 on fuse holder C
SC59	Fuse 59 on fuse holder C
T2al	2-pin connector
T3g	3-pin connector
T3p	3-pin connector
T6d	6-pin connector, on relay carrier
T10d	10-pin connector, black
T28a	28-pin connector, on left A-pillar
T42	42-pin connector, near handbrake lever, black
U	Electric socket
U5	12 V socket
U18	12 V socket 2
B491	Positive connection (75), in interior wiring harness
*	Up to May 2011
*2	see applicable current flow diagram for basic equipment
*3	Only models with Climatic
*4	From May 2011

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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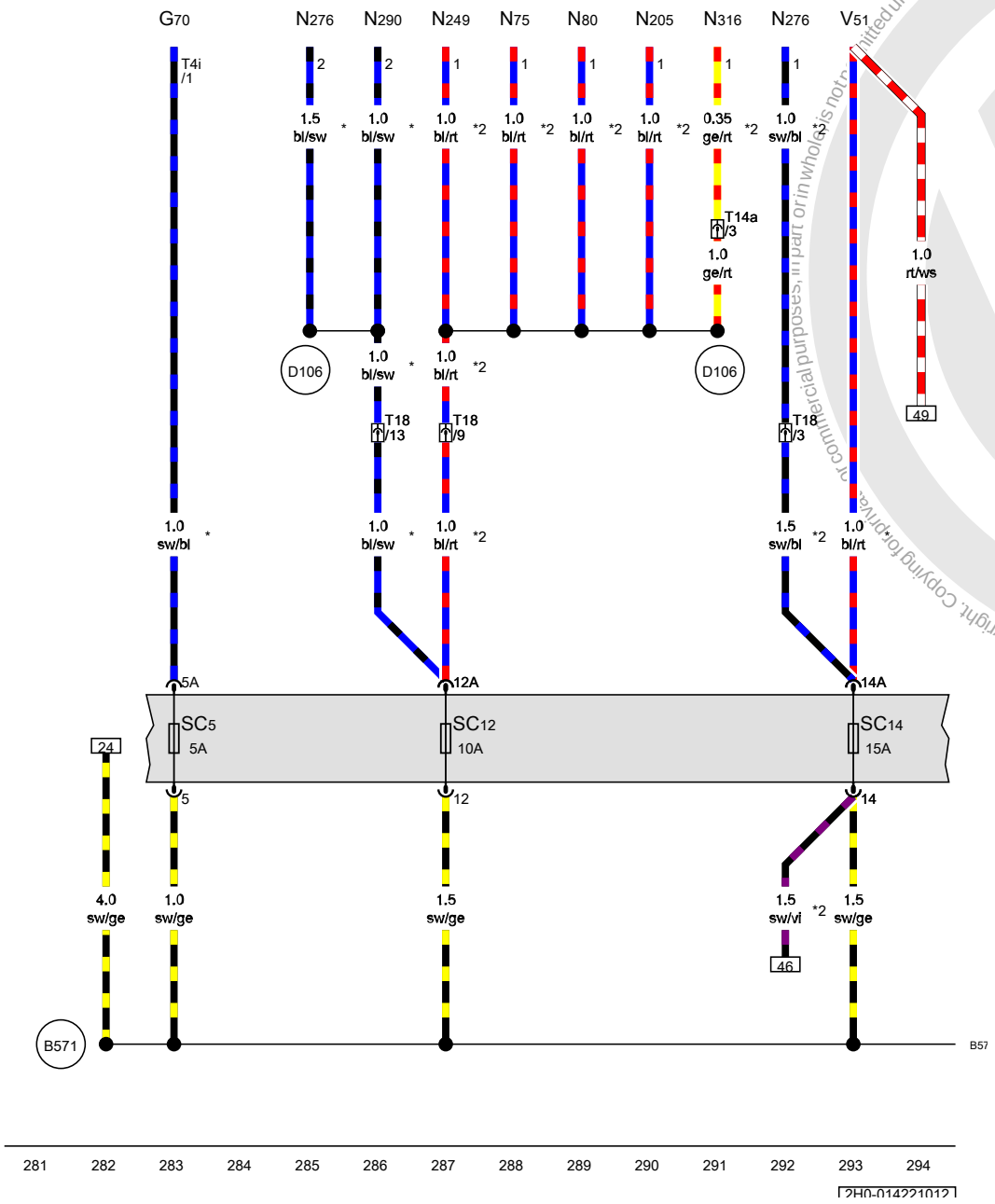

Air mass meter, Charge pressure control solenoid valve, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Turbocharger air recirculation valve, Fuel pressure regulating valve, Fuel metering valve, Intake manifold flap valve, Continued coolant circulation pump

G70	Air mass meter
N75	Charge pressure control solenoid valve
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N249	Turbocharger air recirculation valve
N276	Fuel pressure regulating valve
N290	Fuel metering valve
N316	Intake manifold flap valve
SC5	Fuse 5 on fuse holder C
SC12	Fuse 12 on fuse holder C
SC14	Fuse 14 on fuse holder C
T4i	4-pin connector, black
T14a	14-pin connector, front left in engine compartment
T18	18-pin connector, near engine control unit, black
V51	Continued coolant circulation pump
B571	Connection 38, in main wiring harness
D106	Connection 4 in engine compartment wiring harness
*	Only models with diesel engine
*2	Only models with petrol engine

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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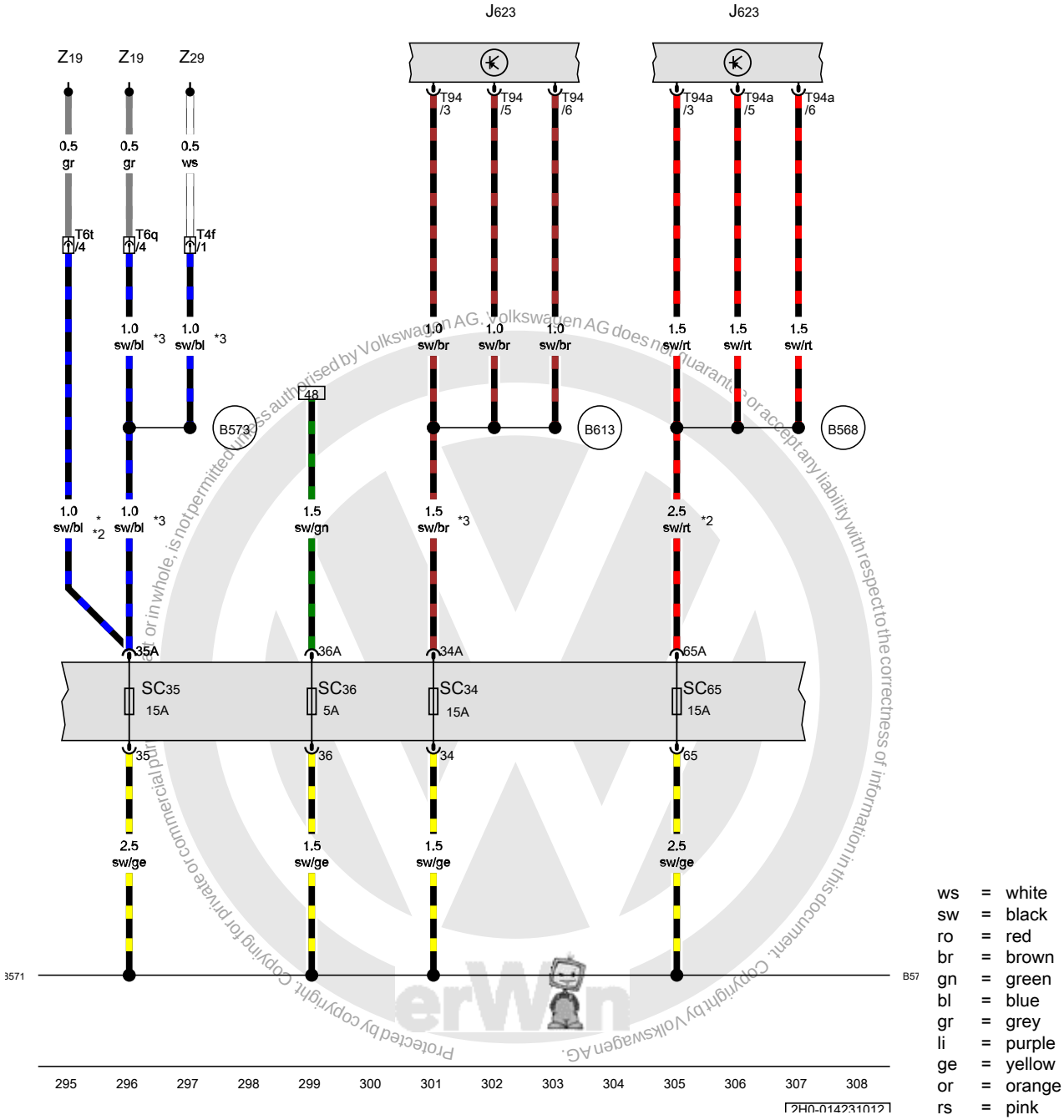

Engine control unit, Lambda probe heater

J623	Engine control unit
SC34	Fuse 34 on fuse holder C
SC35	Fuse 35 on fuse holder C
SC36	Fuse 36 on fuse holder C
SC65	Fuse 65 on fuse holder C
T4f	4-pin connector, front right in engine compartment
T6q	6-pin connector, front right in engine compartment
T6t	6-pin connector, front right in engine compartment, black
T94	94-pin connector
T94a	94-pin connector
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
B568	Connection 35, in main wiring harness
B571	Connection 38, in main wiring harness
B573	Connection 40, in main wiring harness
B613	Connection 41, in main wiring harness
*	Only models with Euro 5 emission standard
*2	Only models with diesel engine
*3	Only models with petrol engine

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
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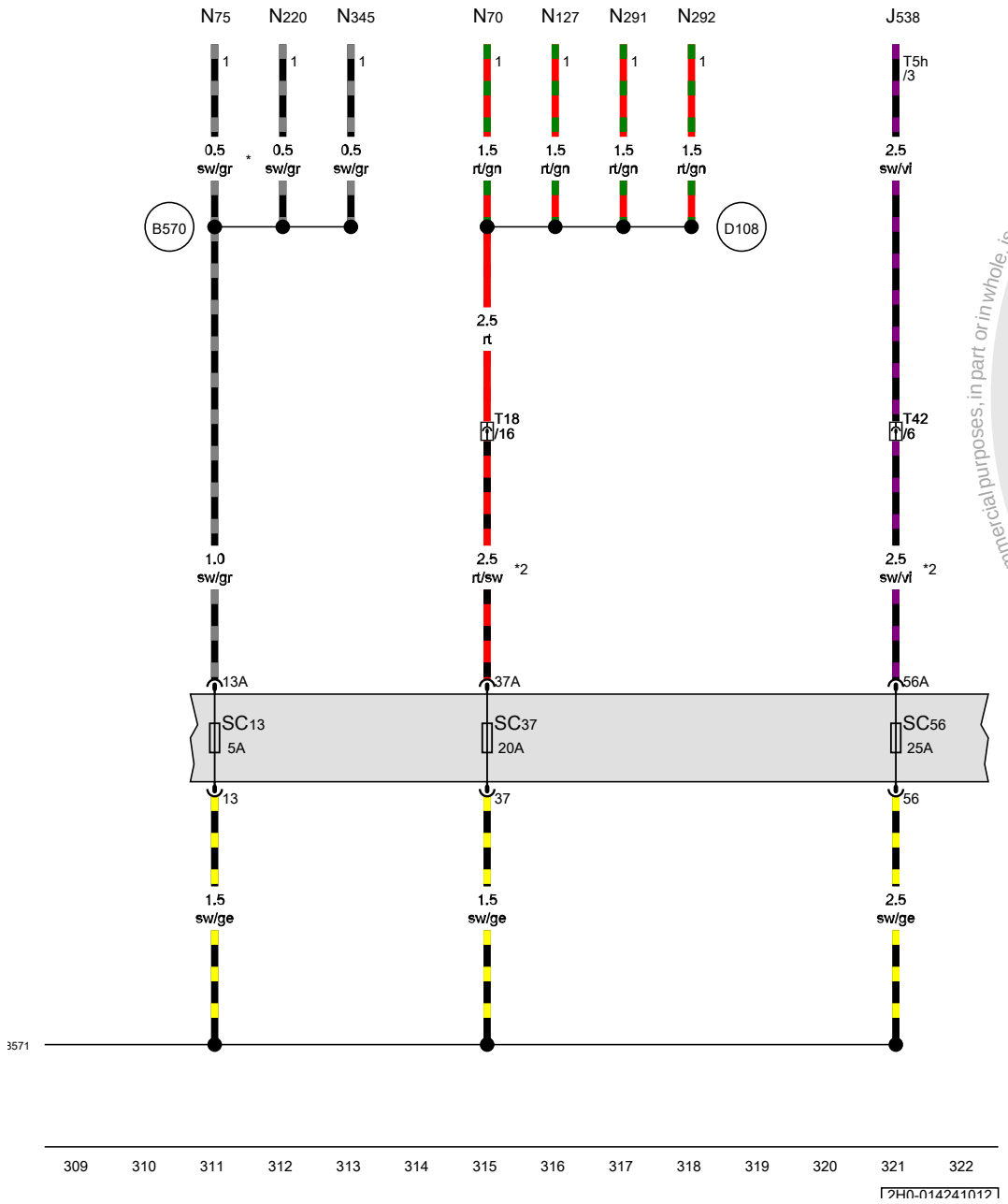

Fuel pump control unit, Ignition coil 1 with output stage, Charge pressure control solenoid valve, Ignition coil 2 with output stage, Exhaust flap valve, Ignition coil 3 with output stage, Ignition coil 4 with output stage, Exhaust gas recirculation cooler changeover valve

J538	Fuel pump control unit
N70	Ignition coil 1 with output stage
N75	Charge pressure control solenoid valve
N127	Ignition coil 2 with output stage
N220	Exhaust flap valve
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
N345	Exhaust gas recirculation cooler changeover valve
SC13	Fuse 13 on fuse holder C
SC37	Fuse 37 on fuse holder C
SC56	Fuse 56 on fuse holder C
T5h	5-pin connector
T18	18-pin connector, near engine control unit, black
T42	42-pin connector, near handbrake lever, black
B570	Connection 37, in main wiring harness
B571	Connection 38, in main wiring harness
D108	Connection 6 in engine compartment wiring harness
*	see applicable current flow diagram for engine
*2	Only models with petrol engine

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
bl	=	blue
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li	=	purple
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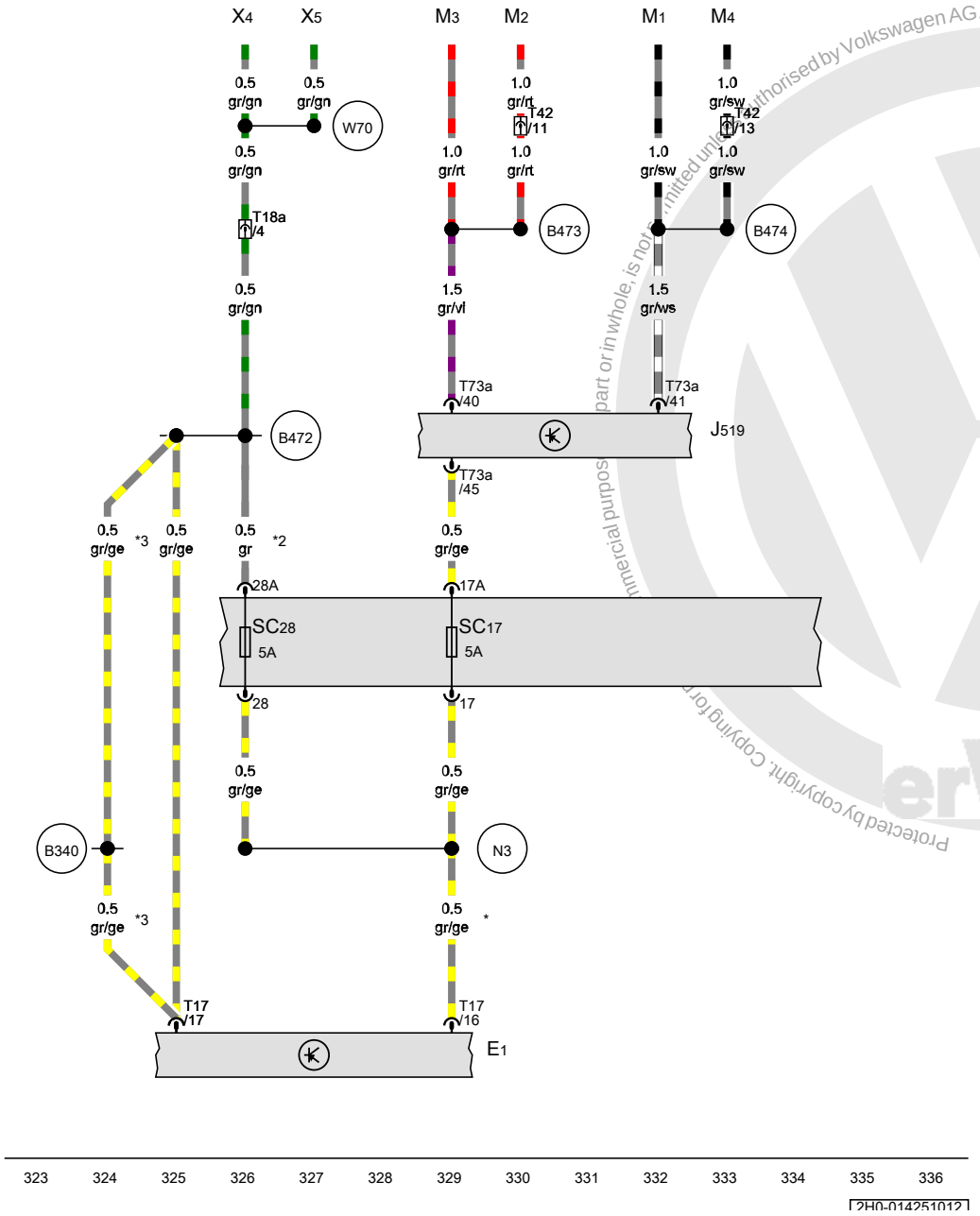
Left side light bulb, Right tail light bulb, Right side light bulb, Left tail light bulb, Right number plate light



E1	Light switch
J519	Onboard supply control unit
M1	Left side light bulb
M2	Right tail light bulb
M3	Right side light bulb
M4	Left tail light bulb
SC17	Fuse 17 on fuse holder C
SC28	Fuse 28 on fuse holder C
T17	17-pin connector
T18a	18-pin connector, near engine control unit, grey
T42	42-pin connector, near handbrake lever, black
T73a	73-pin connector
X4	Left number plate light
X5	Right number plate light
B340	Connection 1 (58d), in main wiring harness
B472	Connection 8, in main wiring harness
B473	Connection 9, in main wiring harness
B474	Connection 10, in main wiring harness
N3	Connection 2, in headlight range control wiring harness
W70	Positive connection 2 (58), in number plate wiring harness
*	Only models with headlight range control
*2	see applicable current flow diagram for basic equipment
*3	From November 2011

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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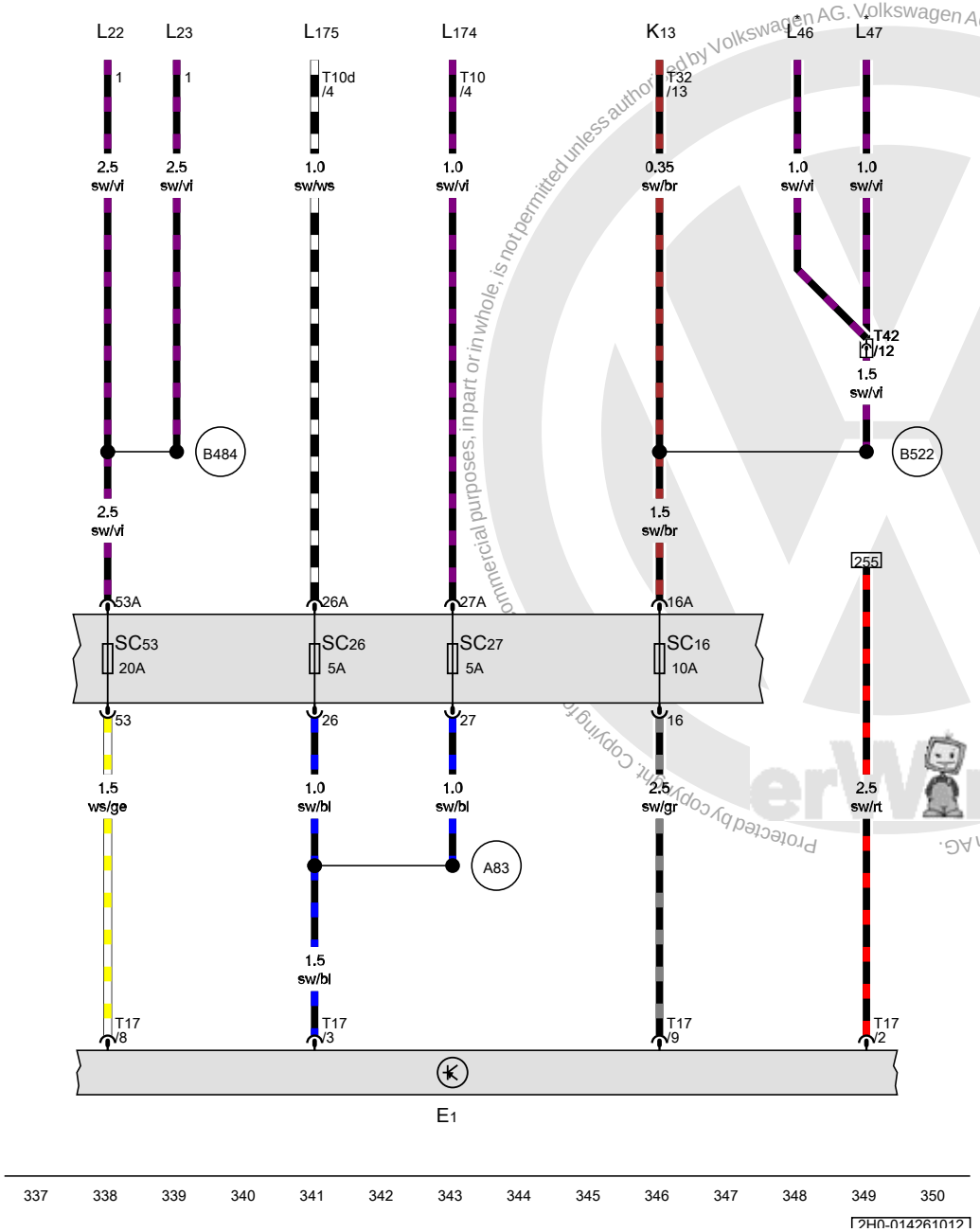

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Light switch, Rear fog light warning lamp, Left fog light bulb, Right fog light bulb, Rear left fog light bulb, Rear right fog light bulb, Left daytime running light bulb, Right daytime running light bulb

E1	Light switch
K13	Rear fog light warning lamp
L22	Left fog light bulb
L23	Right fog light bulb
L46	Rear left fog light bulb
L47	Rear right fog light bulb
L174	Left daytime running light bulb
L175	Right daytime running light bulb
SC16	Fuse 16 on fuse holder C
SC26	Fuse 26 on fuse holder C
SC27	Fuse 27 on fuse holder C
SC53	Fuse 53 on fuse holder C
T10	10-pin connector, black
T10d	10-pin connector, black
T17	17-pin connector
T32	32-pin connector, blue
T42	42-pin connector, near handbrake lever, black
A83	Connection (daytime running lights), in dash panel wiring harness
B484	Connection 20, in main wiring harness
B522	Connection (FL), in main wiring harness
*	According to equipment
*2	Only models with electric interface for external use

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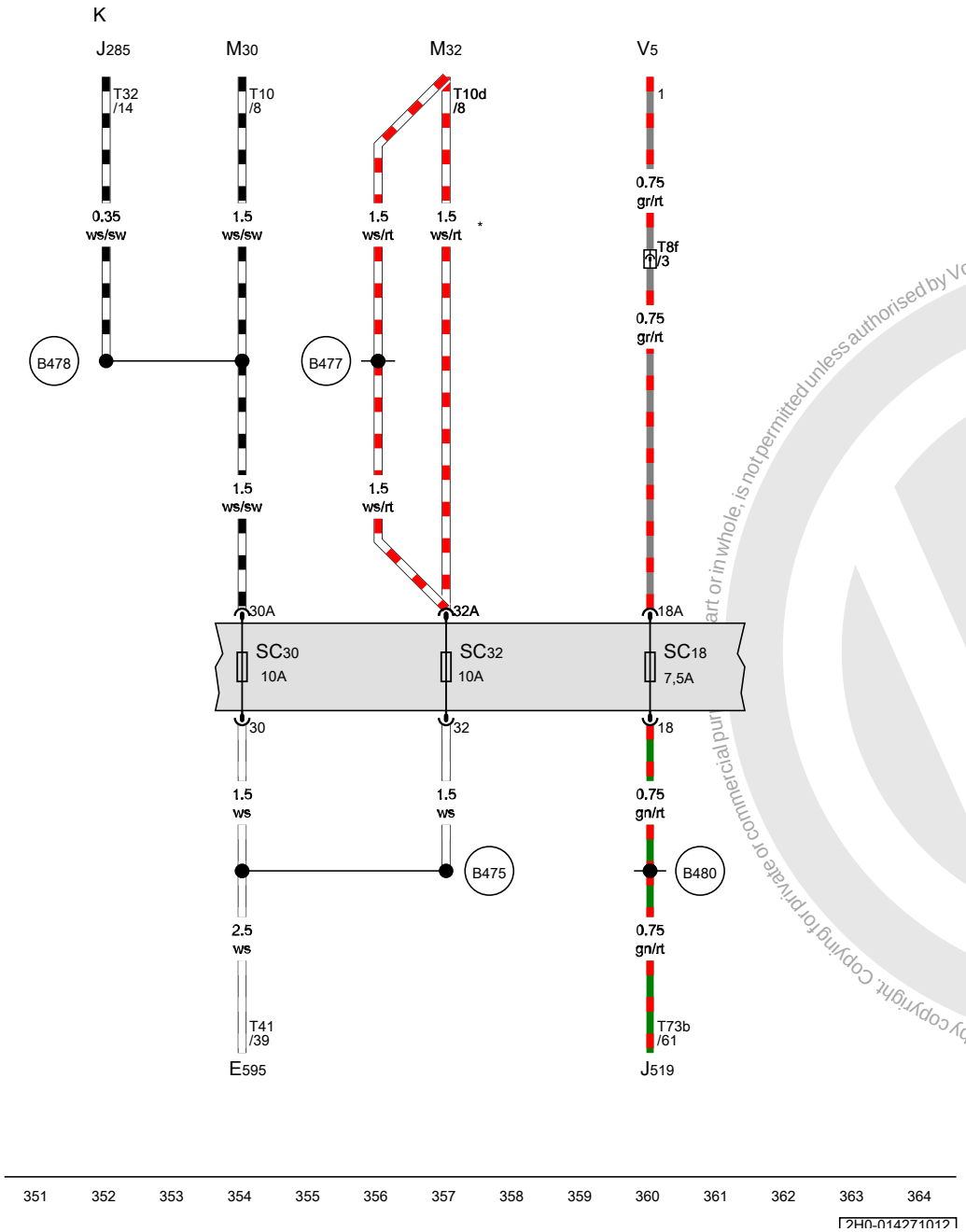
Steering column combination switch, Left headlight main beam bulb, Right headlight main beam bulb, Washer pump



E595	Steering column combination switch
J285	Control unit in dash panel insert
J519	Onboard supply control unit
K	Dash panel insert
M30	Left headlight main beam bulb
M32	Right headlight main beam bulb
SC18	Fuse 18 on fuse holder C
SC30	Fuse 30 on fuse holder C
SC32	Fuse 32 on fuse holder C
T8f	8-pin connector, black
T10	10-pin connector, black
T10d	10-pin connector, black
T32	32-pin connector, blue
T41	41-pin connector
T73b	73-pin connector
V5	Washer pump
B475	Connection 11, in main wiring harness
B477	Connection 13, in main wiring harness
B478	Connection 14, in main wiring harness
B480	Connection 16, in main wiring harness
*	Only models with no electric interface

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
bl	=	blue
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or	=	orange
rs	=	pink

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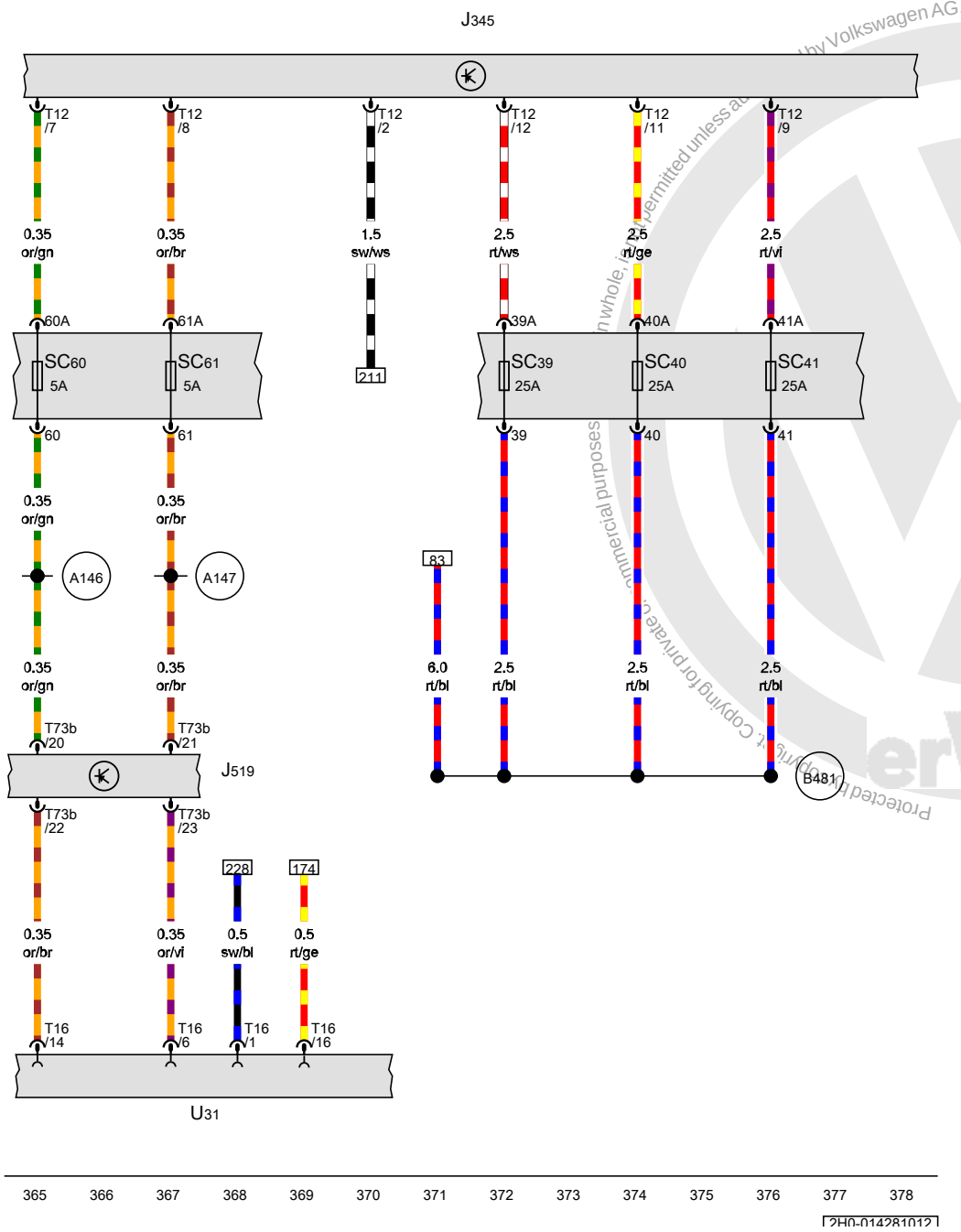

Trailer detector control unit, Diagnostic connection

J345	Trailer detector control unit
J519	Onboard supply control unit
SC39	Fuse 39 on fuse holder C
SC40	Fuse 40 on fuse holder C
SC41	Fuse 41 on fuse holder C
SC60	Fuse 60 on fuse holder C
SC61	Fuse 61 on fuse holder C
T12	12-pin connector, red
T16	16-pin connector, black
T73b	73-pin connector
U31	Diagnostic connection, near driver side A-pillar
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
B481	Connection 17, in main wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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Preparation for trailer coupling , (1D7)

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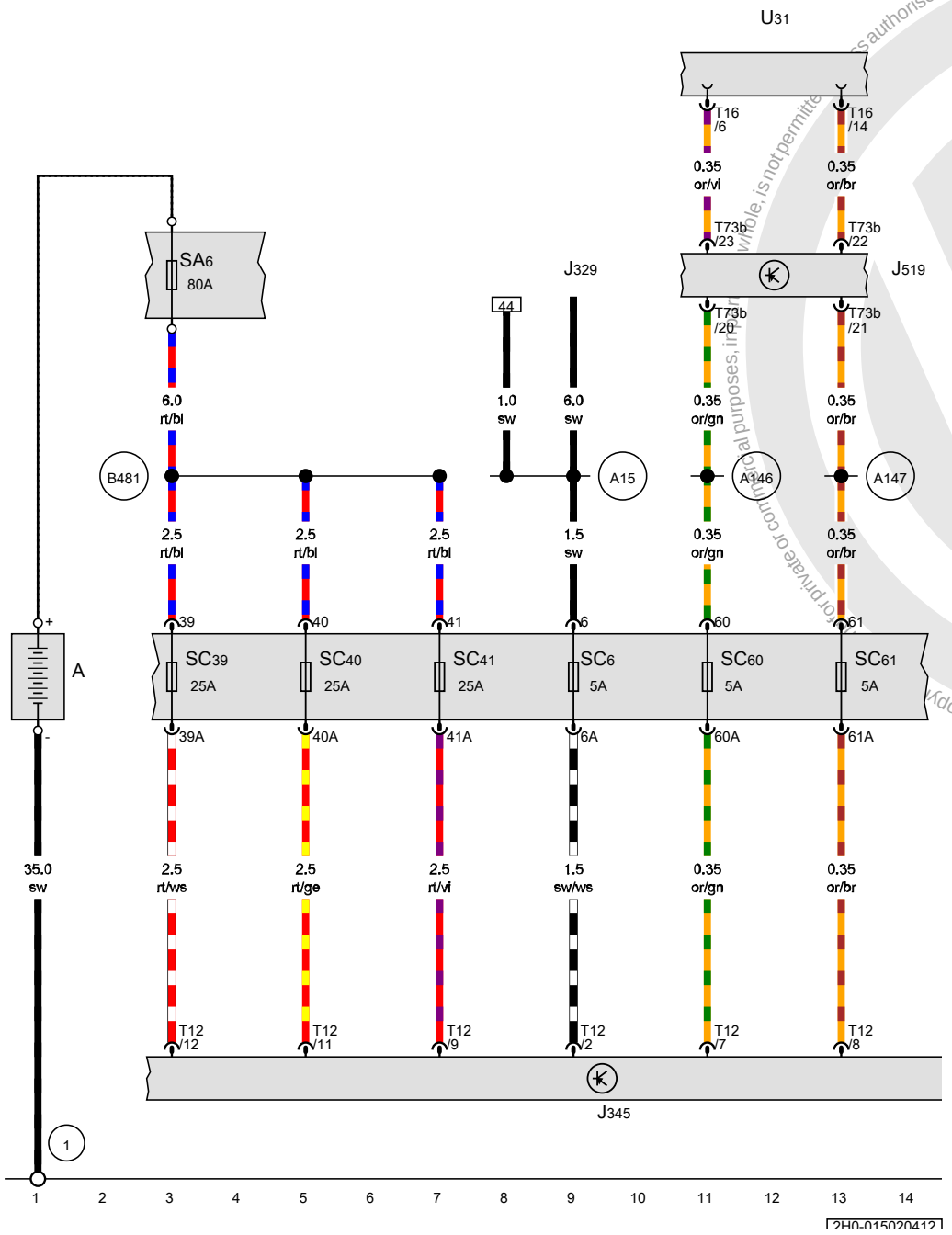

Battery, Fuse 6 on fuse holder C, Fuse 6 in fuse holder A, Fuse 39 on fuse holder C, Fuse 40 on fuse holder C, Fuse 41 on fuse holder C, Diagnostic connection

A	Battery
J329	Terminal 15 voltage supply relay
J345	Trailer detector control unit
J519	Onboard supply control unit
SC6	Fuse 6 on fuse holder C
SA6	Fuse 6 in fuse holder A
SC39	Fuse 39 on fuse holder C
SC40	Fuse 40 on fuse holder C
SC41	Fuse 41 on fuse holder C
SC60	Fuse 60 on fuse holder C
SC61	Fuse 61 on fuse holder C
T12	12-pin connector, red
T16	16-pin connector
T73b	73-pin connector
U31	Diagnostic connection, near driver side A-pillar
1	Earth strap, battery - body
A15	Positive connection (15), in instrument wiring harness
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
B481	Connection 17, in main wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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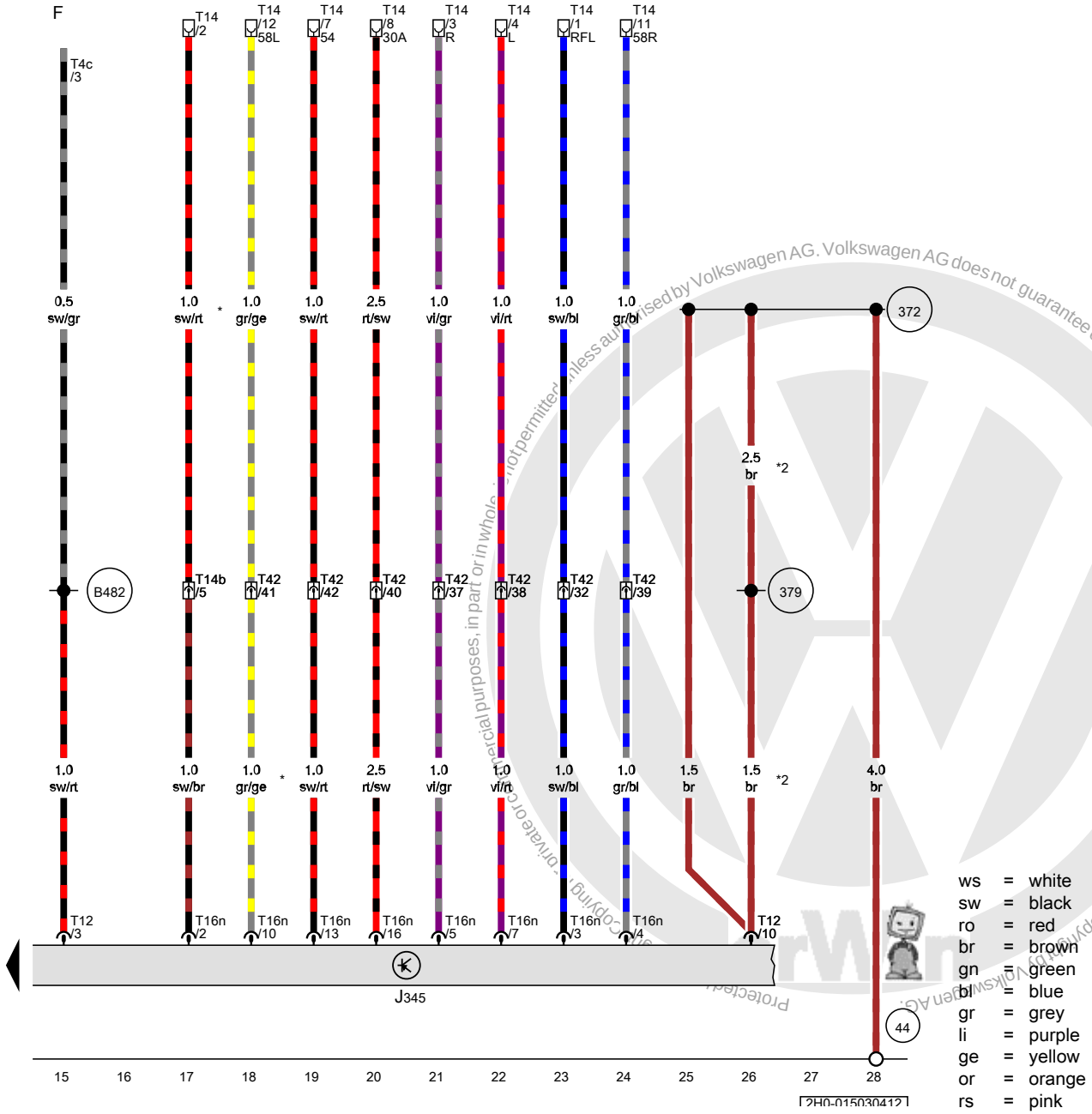
Brake light switch

F	Brake light switch
J345	Trailer detector control unit
T4c	4-pin connector
T12	12-pin connector, red
T14	14-pin connector, behind rear bumper on left, black
T14b	14-pin connector, near battery, black
T16n	16-pin connector, black
T42	42-pin connector, near handbrake lever, black
44	Earth point, lower part of left A-pillar
372	Earth connection 7, in main wiring harness
379	Earth connection 14, in main wiring harness
B482	Connection 18, in main wiring harness
*	Only models with stop/start system
*2	From November 2011



ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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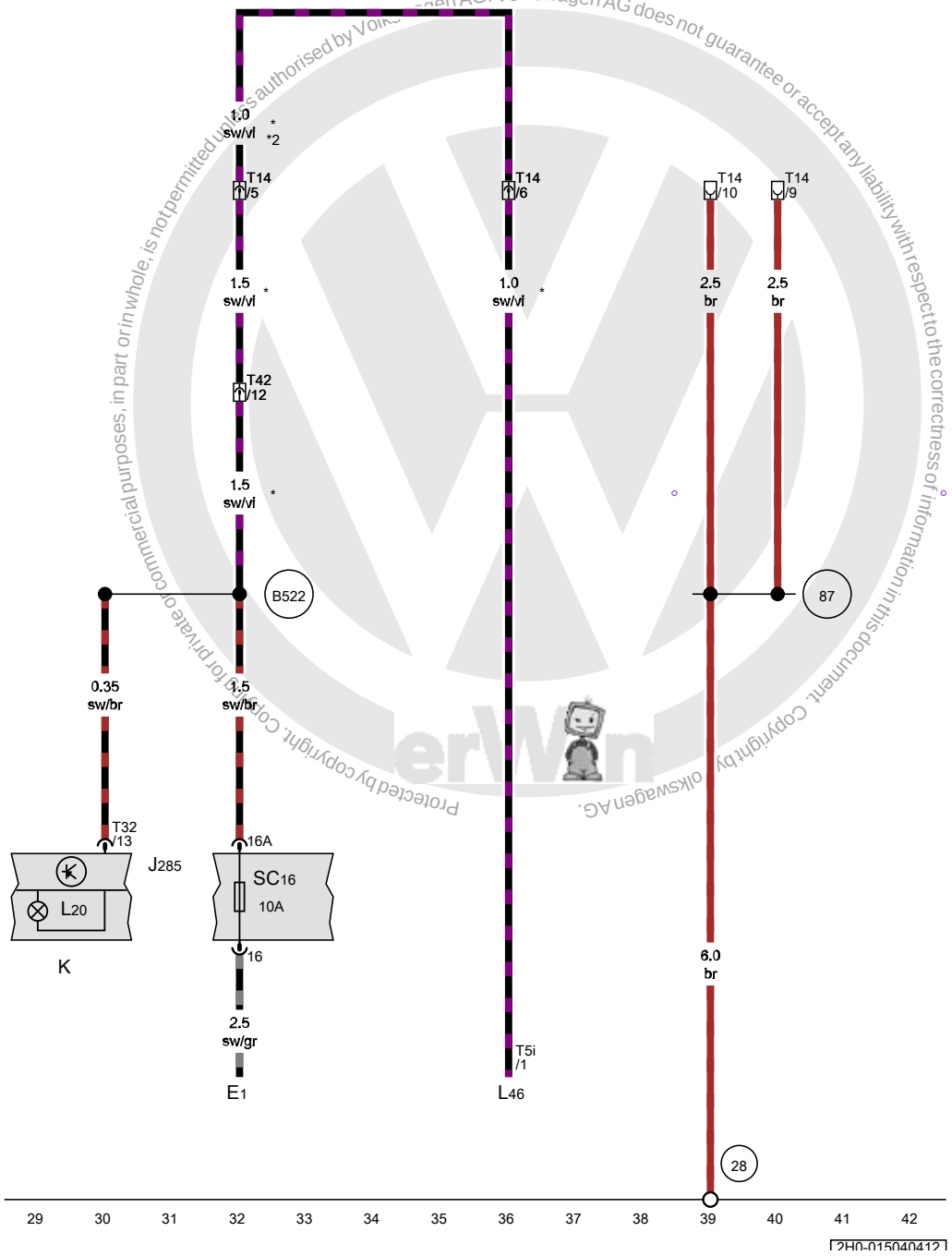

Light switch, Dash panel insert, Rear left fog light bulb

E1	Light switch
J285	Control unit in dash panel insert
K	Dash panel insert
L20	Rear fog light bulb
L46	Rear left fog light bulb
SC16	Fuse 16 on fuse holder C
T5i	5-pin connector
T14	14-pin connector, behind rear bumper on left, black
T32	32-pin connector, blue
T42	42-pin connector, near handbrake lever, black
28	Earth point, on bulkhead
87	Earth connection 2, in rear wiring harness
B522	Connection (FL), in main wiring harness
*	Only models with rear fog lights
*2	Push-in bridge

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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or	=	orange
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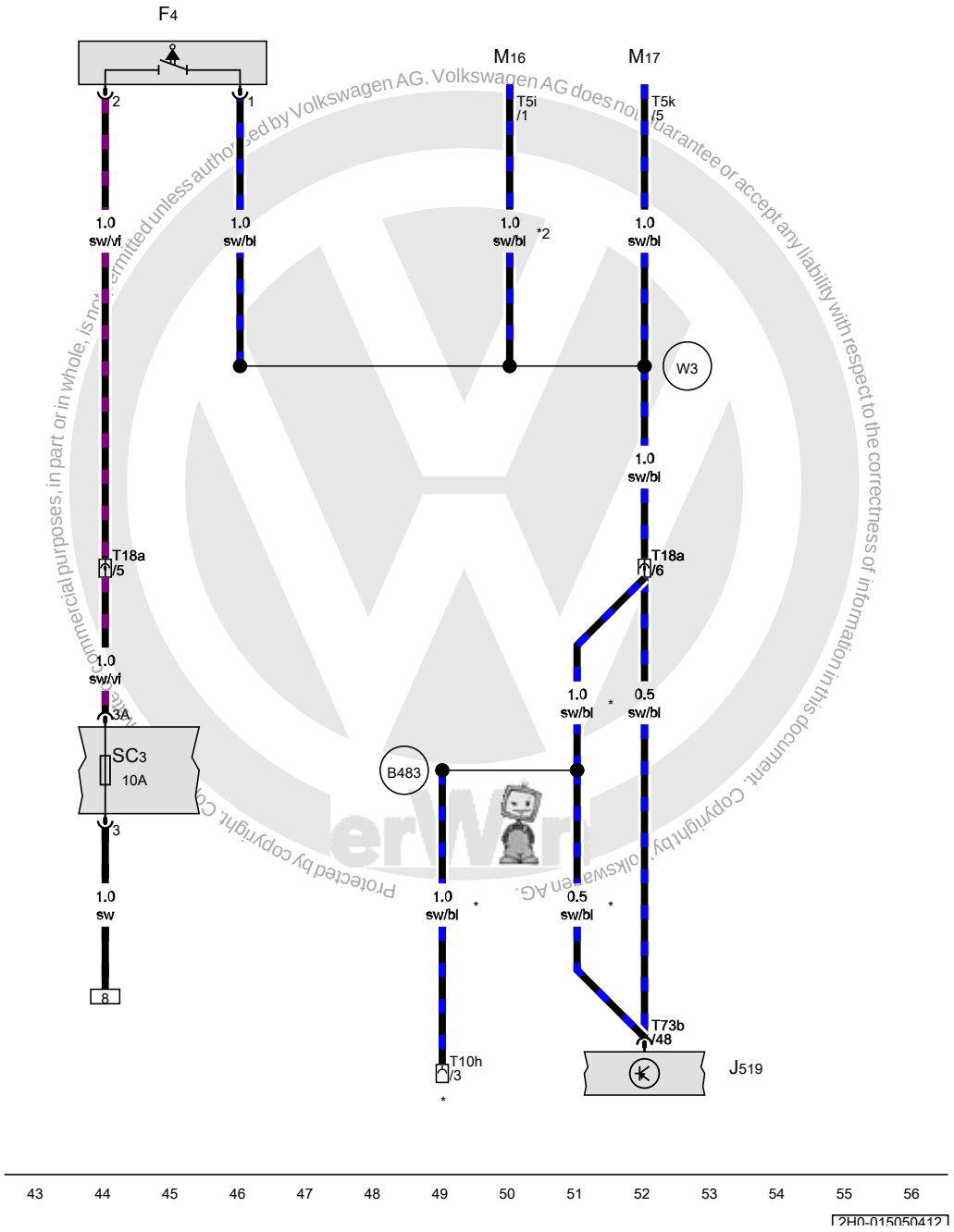

Reversing light switch, Left reversing light bulb, Fuse 3 on fuse holder C

F4	Reversing light switch
J519	Onboard supply control unit
M16	Left reversing light bulb
M17	Right reversing light bulb
SC3	Fuse 3 on fuse holder C
T5i	5-pin connector
T5k	5-pin connector
T10h	10-pin connector, in front centre console, purple
T18a	18-pin connector, near engine control unit, grey
T73b	73-pin connector
B483	Connection 19, in main wiring harness
W3	Connection in rear wiring harness
*	Only models with electric interface for external use
*2	Only models with no rear fog light

ws	=	white
sw	=	black
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Preparation for radio

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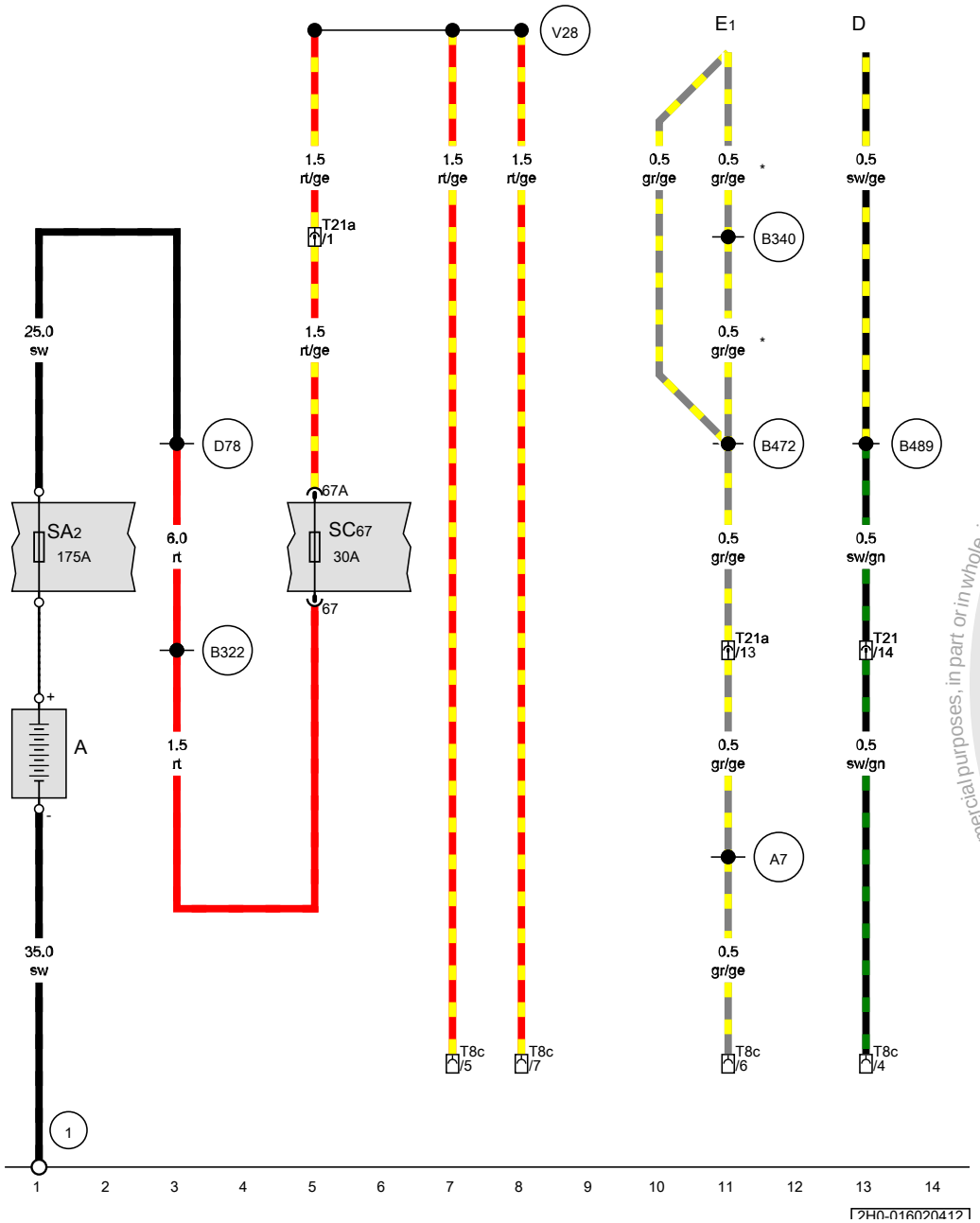

Battery, Ignition/starter switch, Light switch, Fuse 2 in fuse holder A, Fuse 67 on fuse holder C

A	Battery
D	Ignition/starter switch
E1	Light switch
SA2	Fuse 2 in fuse holder A
SC67	Fuse 67 on fuse holder C
T8c	8-pin connector, in slot for radio, centre of dash panel, black
T21	21-pin connector, on relay carrier, blue
T21a	21-pin connector, on relay carrier, brown
1	Earth strap, battery - body
A7	Positive connection (58 D1), in dash panel wiring harness
B322	Positive connection 8 (30a) in main wiring harness
B340	Connection 1 (58d), in main wiring harness
B472	Connection 8, in main wiring harness
B489	Connection 25, in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
V28	Connection 1, in radio wiring harness
*	From November 2011

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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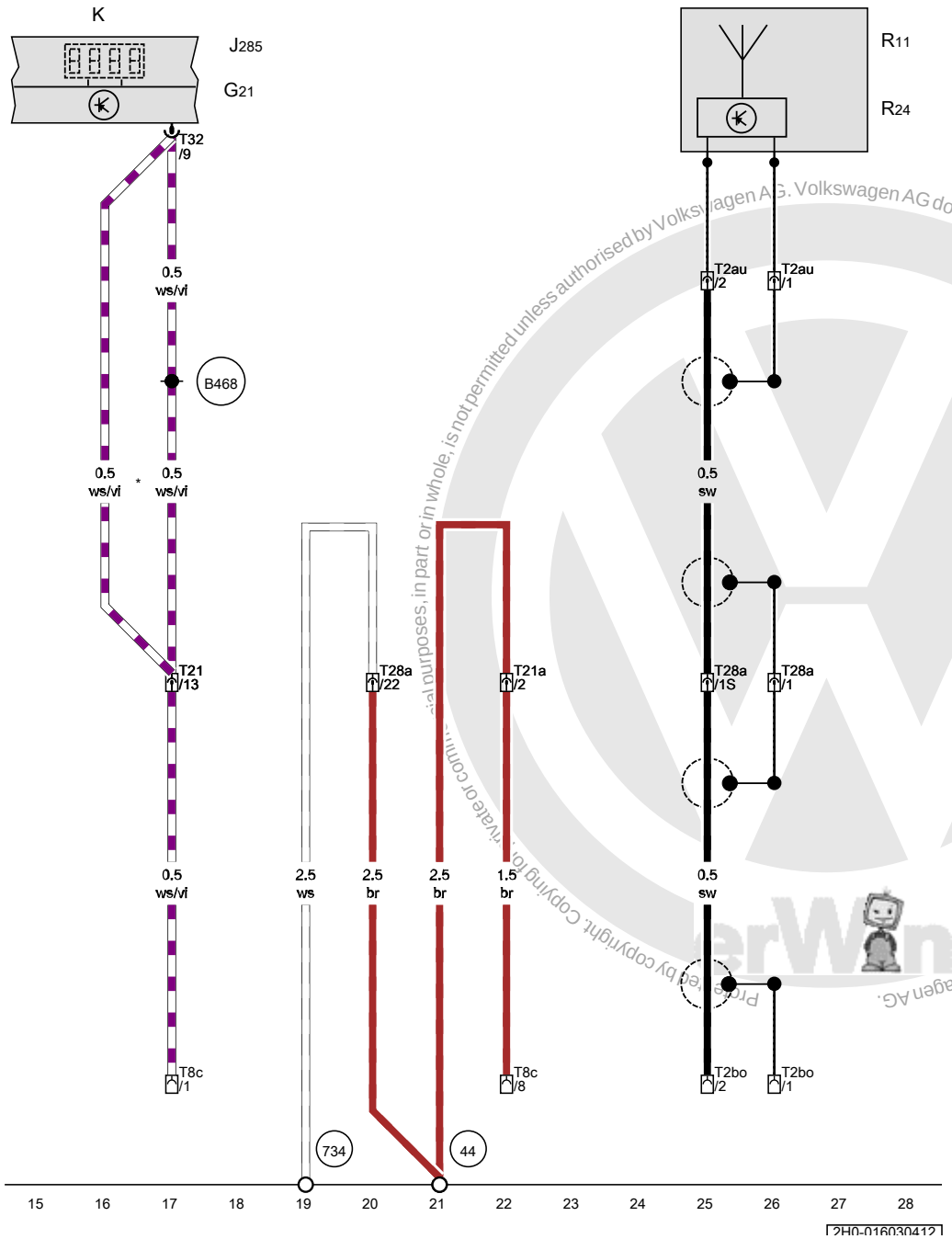

Dash panel insert, Aerial, Aerial amplifier

G21	Speedometer
J285	Control unit in dash panel insert
K	Dash panel insert
R11	Aerial, in front passenger side exterior mirror housing
R24	Aerial amplifier
T2au	2-pin connector, in left door, near exterior mirror
T2bo	2-pin connector
T8c	8-pin connector, in slot for radio, centre of dash panel, black
T21	21-pin connector, on relay carrier, blue
T21a	21-pin connector, on relay carrier, brown
T28a	28-pin connector, on left A-pillar
T32	32-pin connector
44	Earth point, lower part of left A-pillar
734	Earth point in front left door
B468	Connection 4, in main wiring harness
*	Only models with no electric interface

ws	=	white
sw	=	black
ro	=	red
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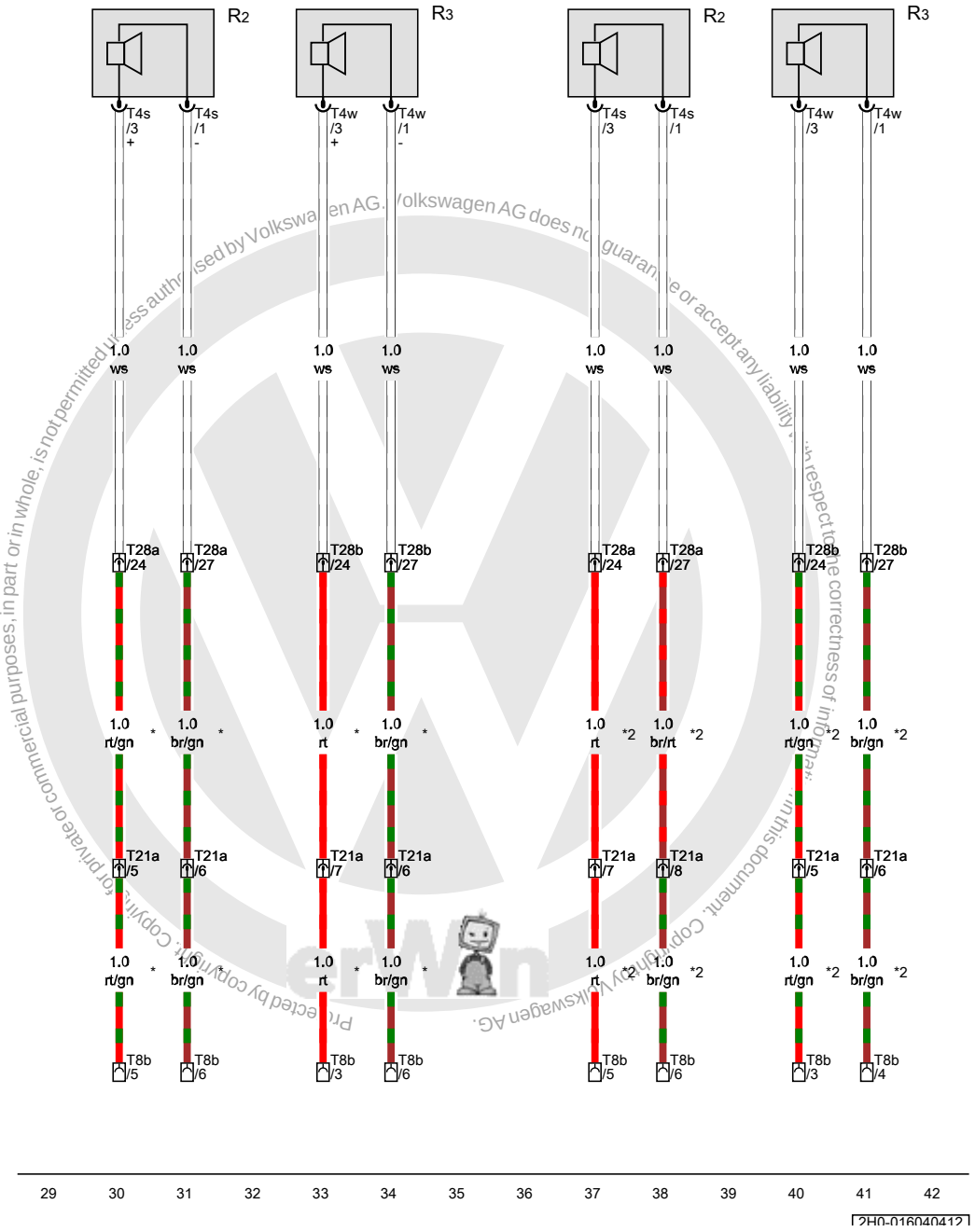

Front left loudspeaker, Front right loudspeaker

R2	Front left loudspeaker
R3	Front right loudspeaker
T4s	4-pin connector
T4w	4-pin connector
T8b	8-pin connector, in slot for radio, centre of dash panel, brown
T21a	21-pin connector, on relay carrier, brown
T28a	28-pin connector, on left A-pillar
T28b	28-pin connector, on right A-pillar
*	Only left-hand drive models
*2	Only right-hand drive models

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Seat heating

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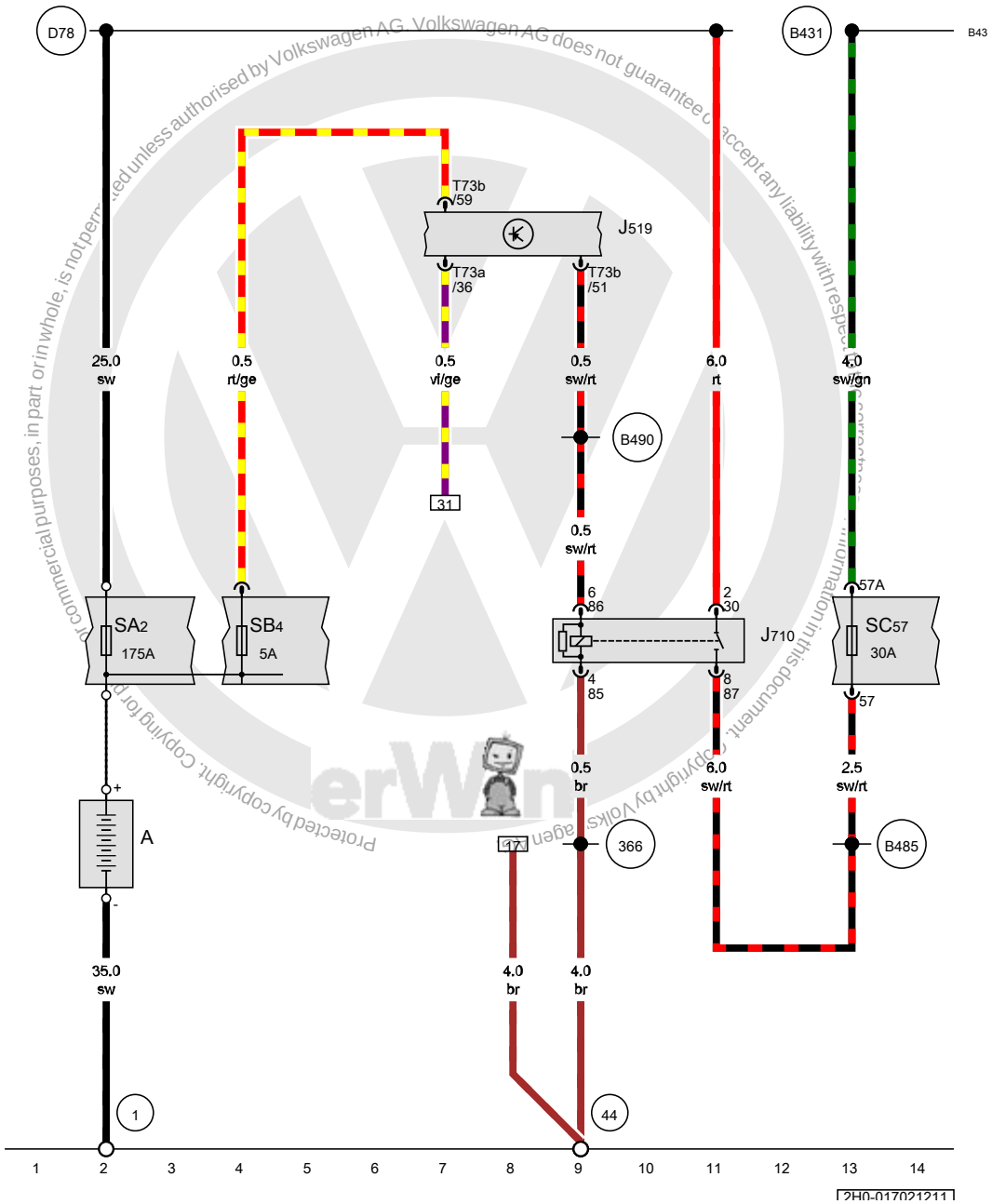

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Battery, Onboard supply control unit, Voltage supply relay 2, Fuse 2 in fuse holder A, Fuse 4 on fuse holder B, Fuse 57 on fuse holder C

A	Battery
J519	Onboard supply control unit
J710	Voltage supply relay 2
SA2	Fuse 2 in fuse holder A
SB4	Fuse 4 on fuse holder B
SC57	Fuse 57 on fuse holder C
T73a	73-pin connector
T73b	73-pin connector
1	Earth strap, battery - body
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
B431	Connection (seat heating), in main wiring harness
B485	Connection 21, in main wiring harness
B490	Connection 26, in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness

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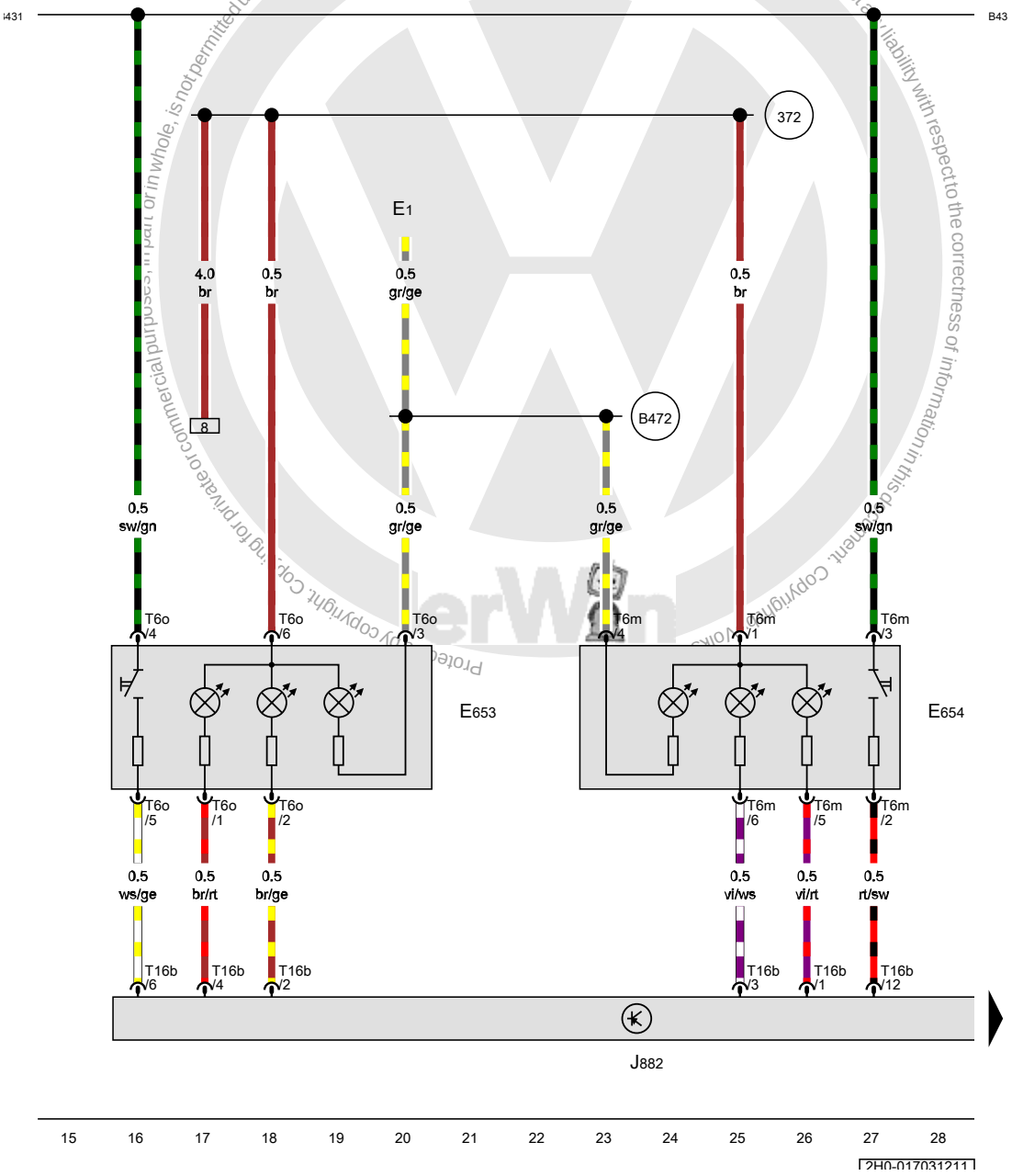

Light switch, Button for left seat heating, Button for right seat heating, Seat heating control unit

E1	Light switch
E653	Button for left seat heating
E654	Button for right seat heating
J882	Seat heating control unit
T6m	6-pin connector
T6o	6-pin connector
T16b	16-pin connector
372	Earth connection 7, in main wiring harness
B431	Connection (seat heating), in main wiring harness
B472	Connection 8, in main wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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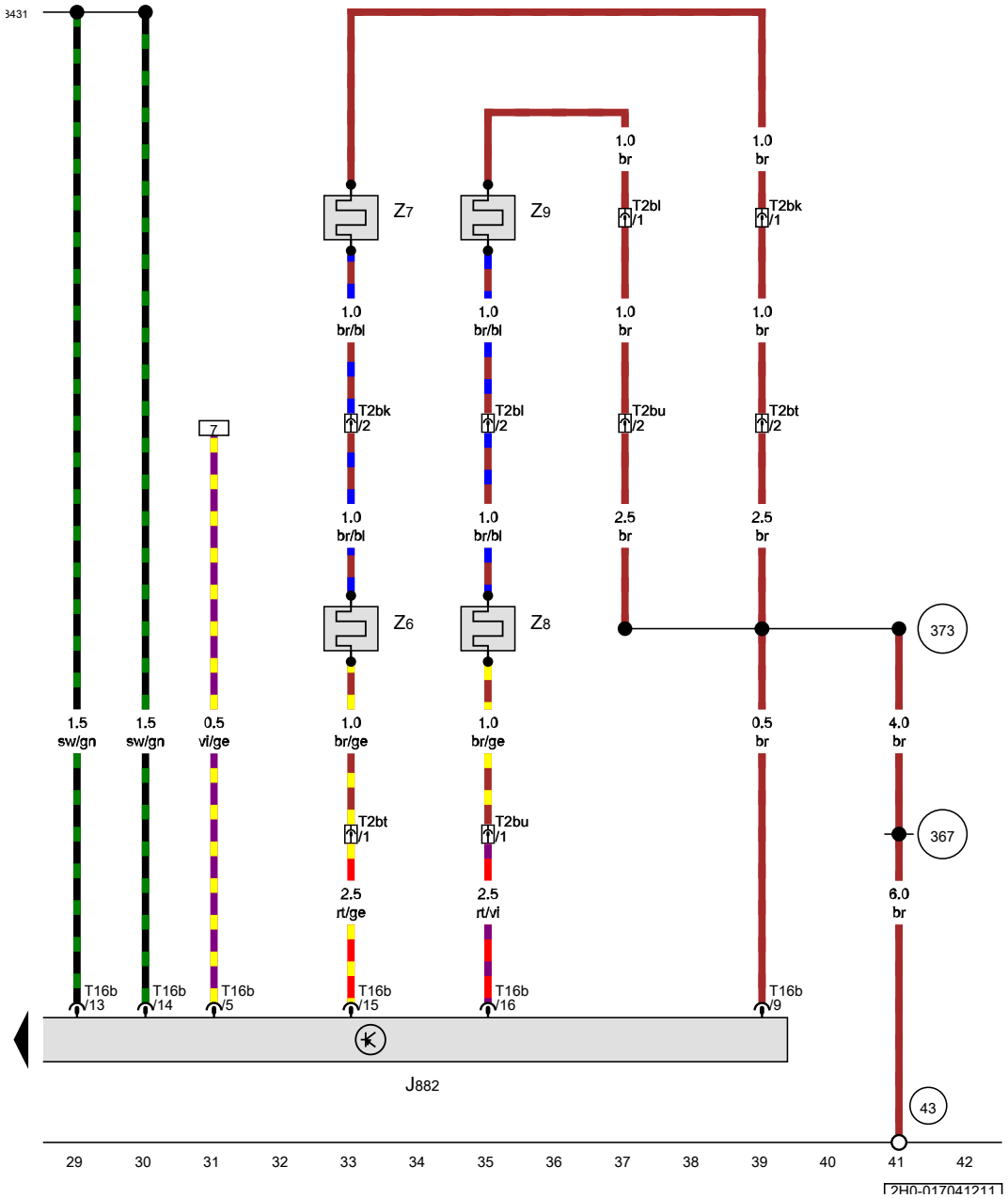

Seat heating control unit, Heated backrest for driver seat, Heated seat cushion for front passenger seat, Heated backrest for front passenger seat

J882	Seat heating control unit
T2bk	2-pin connector, in seat
T2bl	2-pin connector, in seat
T2bt	2-pin connector, under seat on front left
T2bu	2-pin connector, under seat on front right
T16b	16-pin connector
Z6	Heated seat cushion for driver seat
Z7	Heated backrest for driver seat
Z8	Heated seat cushion for front passenger seat
Z9	Heated backrest for front passenger seat
43	Earth point, lower part of right A-pillar
367	Earth connection 2, in main wiring harness
373	Earth connection 8, in main wiring harness
B431	Connection (seat heating), in main wiring harness

ws	=	white
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ro	=	red
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Passenger compartment heater and ventilation system

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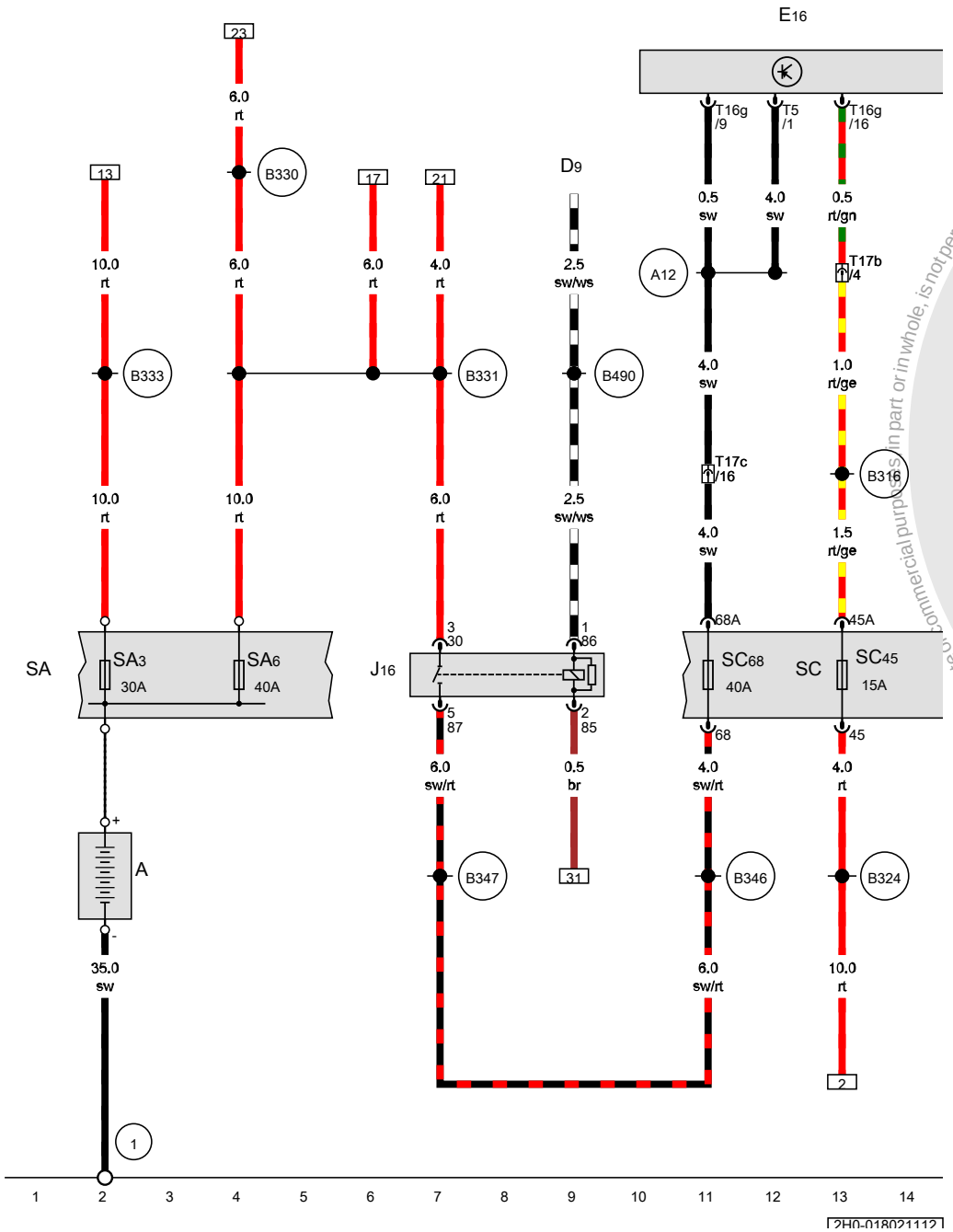

Battery, Heater/heat output switch, Current supply relay, Fuse holder A, Fuse holder C, Fuse 45 on fuse holder C, Fuse 68 on fuse holder C

A	Battery
D9	Electronic ignition lock
E16	Heater/heat output switch
J16	Current supply relay
SA	Fuse holder A
SA3	Fuse 3 in fuse holder A
SA6	Fuse 6 in fuse holder A
SC	Fuse holder C
SC45	Fuse 45 on fuse holder C
SC68	Fuse 68 on fuse holder C
T5	5-pin connector, black
T16g	16-pin connector, black
T17b	17-pin connector, on left under dash panel, brown
T17c	17-pin connector, on left under dash panel, black
1	Earth strap, battery - body
A12	Positive connection (75a), in dash panel wiring harness
B316	Positive connection 2 (30a) in main wiring harness
B324	Positive connection 10 (30a) in main wiring harness
B330	Positive connection 16 (30a) in main wiring harness
B331	Positive connection 17 (30a) in main wiring harness
B333	Positive connection 19 (30a) in main wiring harness
B346	Connection 1 (75), in main wiring harness
B347	Connection 2 (75), in main wiring harness
B490	Connection 26, in main wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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rs	=	pink

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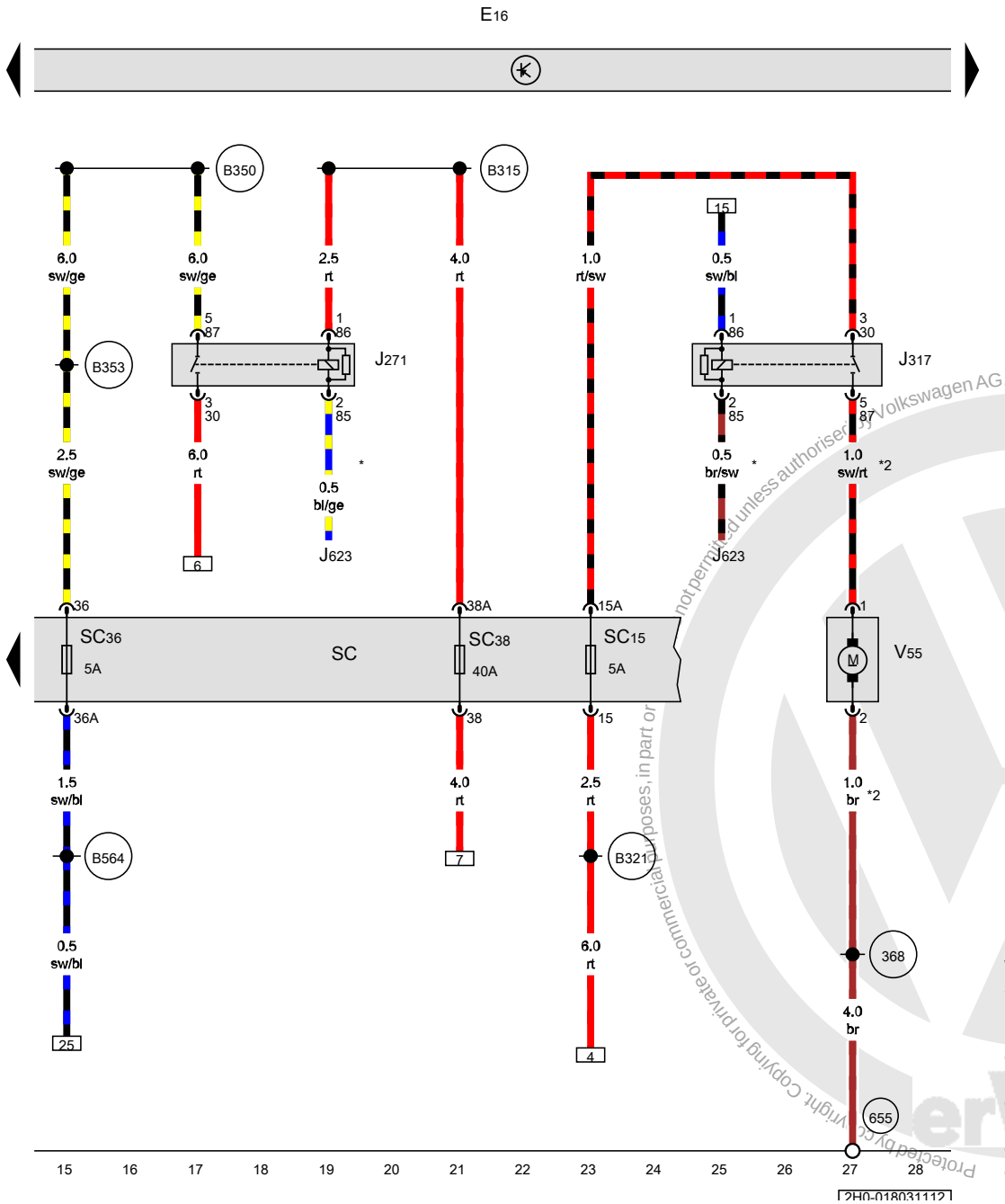
Heater/heat output switch, Fuse holder C, Circulation pump



E16	Heater/heat output switch
J271	Main relay
J317	Terminal 30 voltage supply relay
J623	Engine control unit
SC	Fuse holder C
SC15	Fuse 15 on fuse holder C
SC36	Fuse 36 on fuse holder C
SC38	Fuse 38 on fuse holder C
V55	Circulation pump
368	Earth connection 3, in main wiring harness
655	Earth point, on left headlight
B315	Positive connection 1 (30a) in main wiring harness
B321	Positive connection 7 (30a) in main wiring harness
B350	Positive connection 1 (87a) in main wiring harness
B353	Positive connection 4 (87a) in main wiring harness
B564	Connection 31, in main wiring harness
*	see applicable current flow diagram for engine
*2	Only models with diesel engine

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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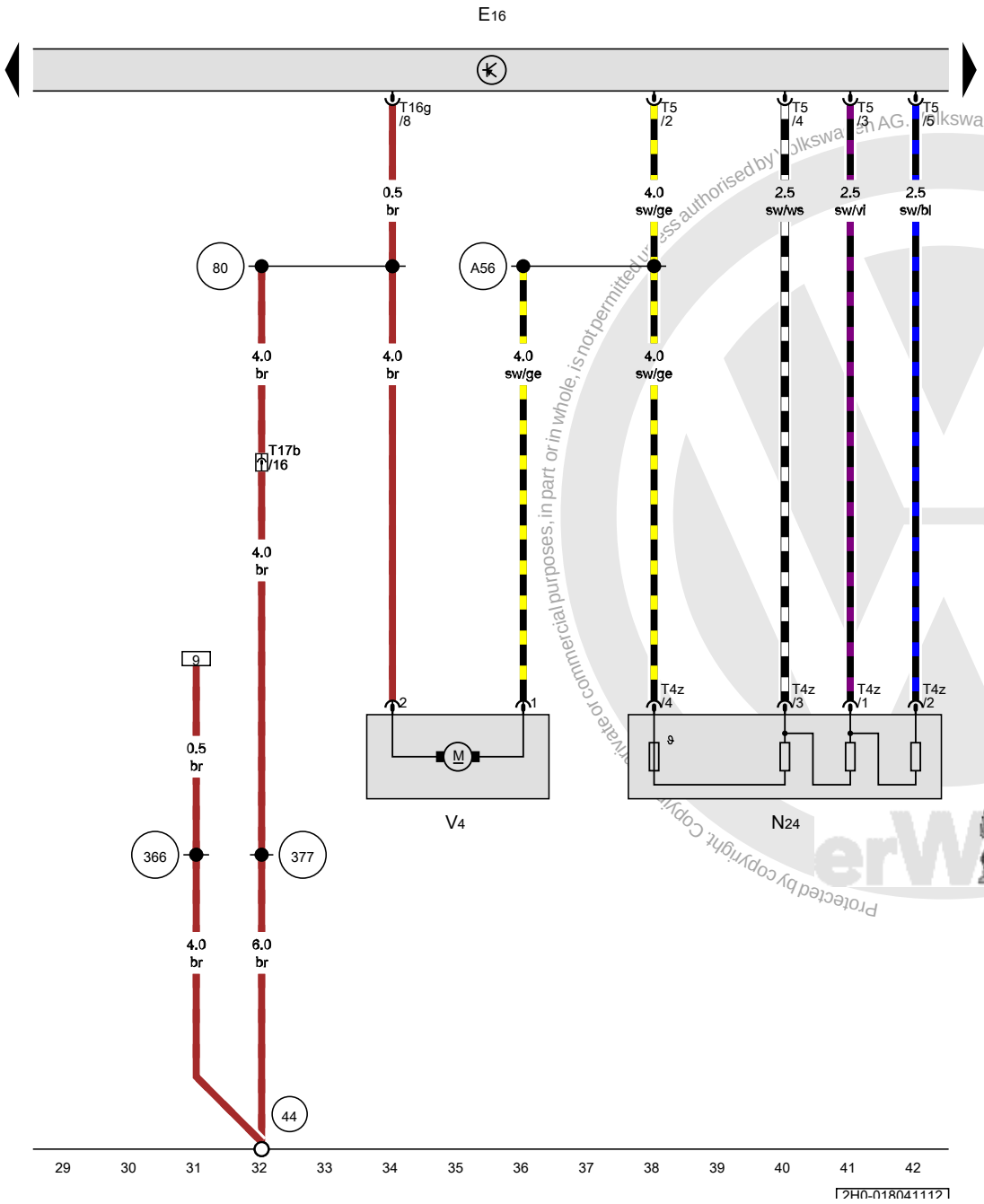

Heater/heat output switch, Fresh air blower series resistor with overheating fuse, Hot air blower

E16	Heater/heat output switch
N24	Fresh air blower series resistor with overheating fuse
T4z	4-pin connector
T5	5-pin connector, black
T16g	16-pin connector, black
T17b	17-pin connector, on left under dash panel, brown
V4	Hot air blower
44	Earth point, lower part of left A-pillar
80	Earth connection 1, in dash panel wiring harness
366	Earth connection 1, in main wiring harness
377	Earth connection 12, in main wiring harness
A56	Positive connection 2 (30), in dash panel wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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or	=	orange
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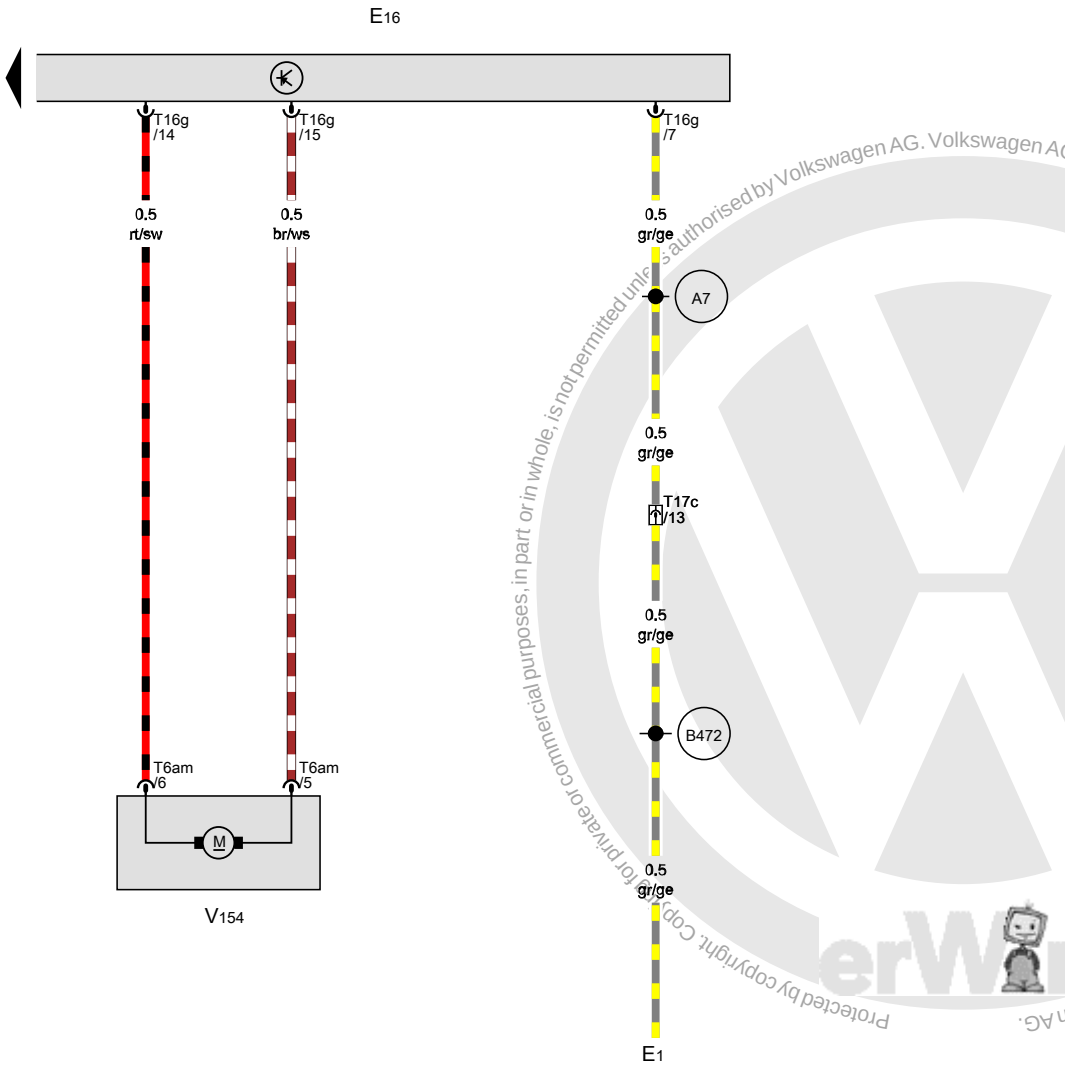

Light switch, Heater/heat output switch, Fresh air and air recirculation flap control motor

E1	Light switch
E16	Heater/heat output switch
T6am	6-pin connector
T16g	16-pin connector, black
T17c	17-pin connector, on relay carrier, black
V154	Fresh air and air recirculation flap control motor
A7	Positive connection (58 D1), in dash panel wiring harness
B472	Connection 8, in main wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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Climatic, right-hand drive

From December 2009

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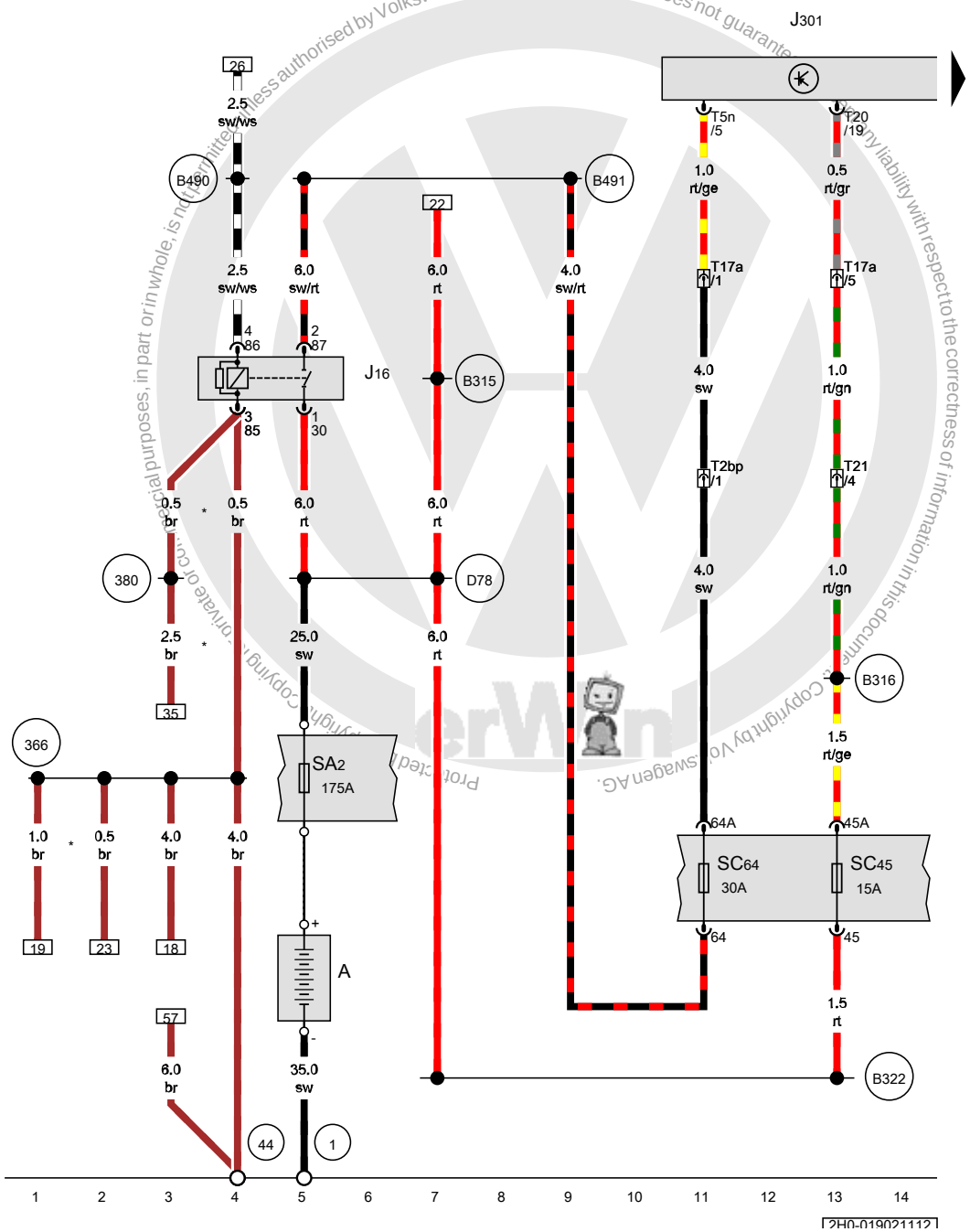

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Battery, Current supply relay, Air conditioning system control unit, Fuse 2 in fuse holder A, Fuse 45 on fuse holder C, Fuse 64 on fuse holder C

A	Battery
J16	Current supply relay
J301	Air conditioning system control unit
SA2	Fuse 2 in fuse holder A
SC45	Fuse 45 on fuse holder C
SC64	Fuse 64 on fuse holder C
T2bp	2-pin connector
T5n	5-pin connector
T17a	17-pin connector, behind glove compartment
T20	20-pin connector
T21	21-pin connector, on relay carrier
1	Earth strap, battery - body
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
380	Earth connection 15, in main wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B316	Positive connection 2 (30a) in main wiring harness
B322	Positive connection 8 (30a) in main wiring harness
B490	Connection 26, in main wiring harness
B491	Positive connection (75), in interior wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
*	From November 2011

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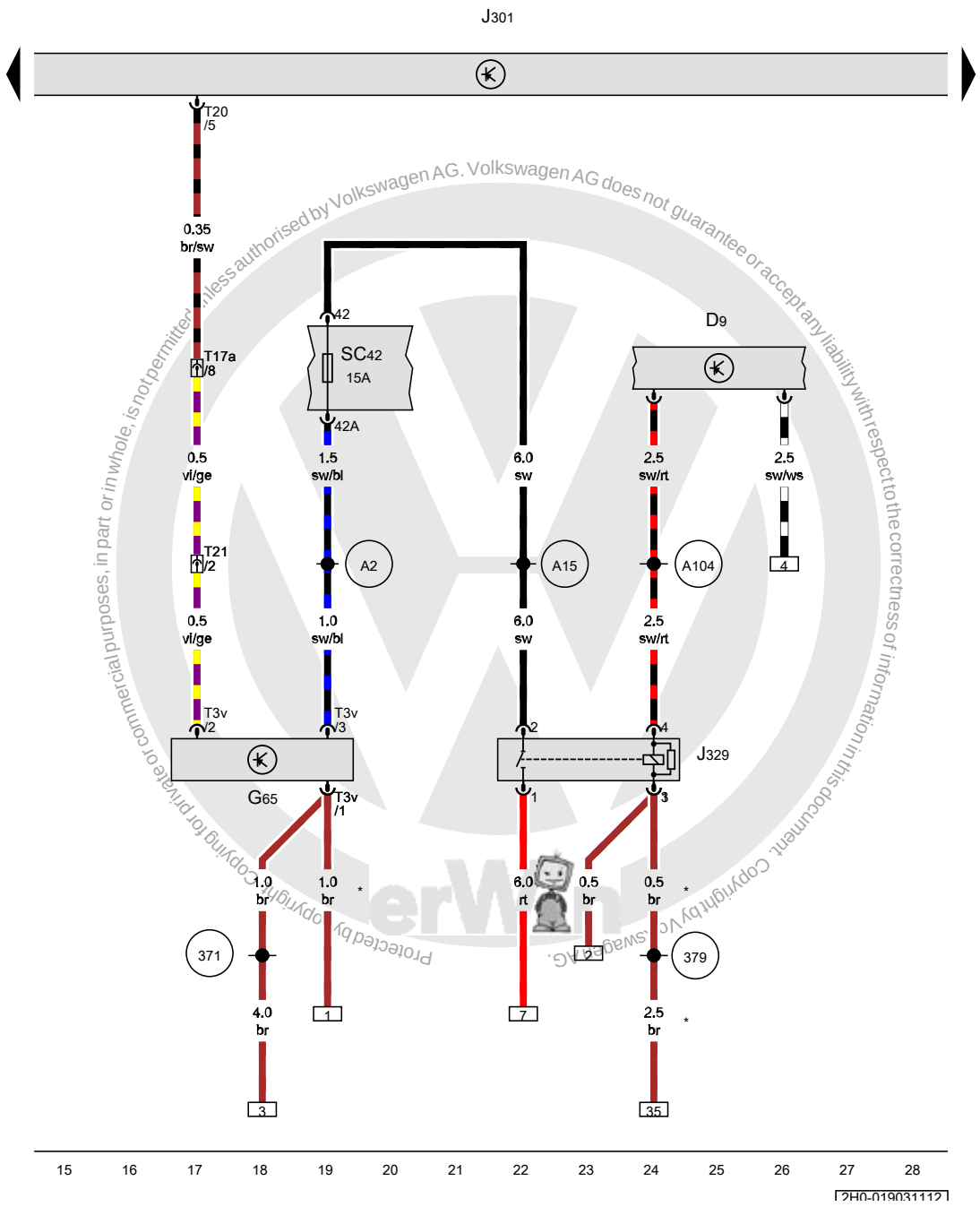

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Electronic ignition lock, High-pressure sender, Air conditioning system control unit, Terminal 15 voltage supply relay, Fuse 42 on fuse holder C

D9	Electronic ignition lock
G65	High-pressure sender
J301	Air conditioning system control unit
J329	Terminal 15 voltage supply relay
SC42	Fuse 42 on fuse holder C
T3v	3-pin connector
T17a	17-pin connector
T20	20-pin connector
T21	21-pin connector
371	Earth connection 6, in main wiring harness
379	Earth connection 14, in main wiring harness
A2	Positive connection (15), in dash panel wiring harness
A15	Positive connection (15), in instrument wiring harness
A104	Positive connection 2 (15), in dash panel wiring harness
*	From November 2011

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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or	=	orange
rs	=	pink

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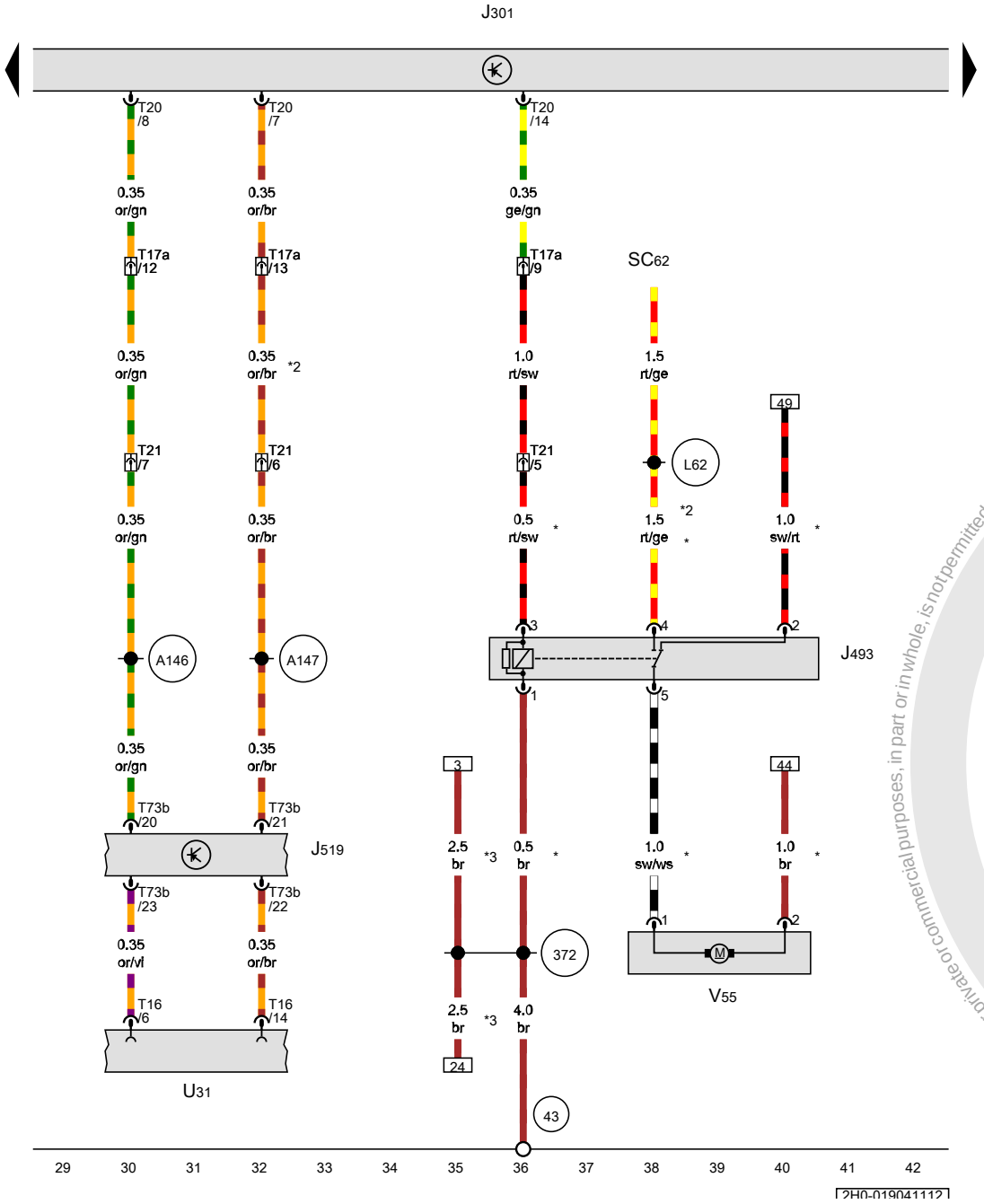

Air conditioning system control unit, Auxiliary coolant heater relay, Diagnostic connection, Circulation pump

J301	Air conditioning system control unit
J493	Auxiliary coolant heater relay
J519	Onboard supply control unit
SC62	Fuse 62 on fuse holder C
T16	16-pin connector
T17a	17-pin connector, behind glove compartment
T20	20-pin connector
T21	21-pin connector, on relay carrier
T73b	73-pin connector
U31	Diagnostic connection, near driver side A-pillar
V55	Circulation pump
43	Earth point, lower part of right A-pillar
372	Earth connection 7, in main wiring harness
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
L62	Positive connection (30a), in auxiliary heater wiring harness
*	Only models with diesel engine
*2	Only models with auxiliary coolant heater
*3	From November 2011

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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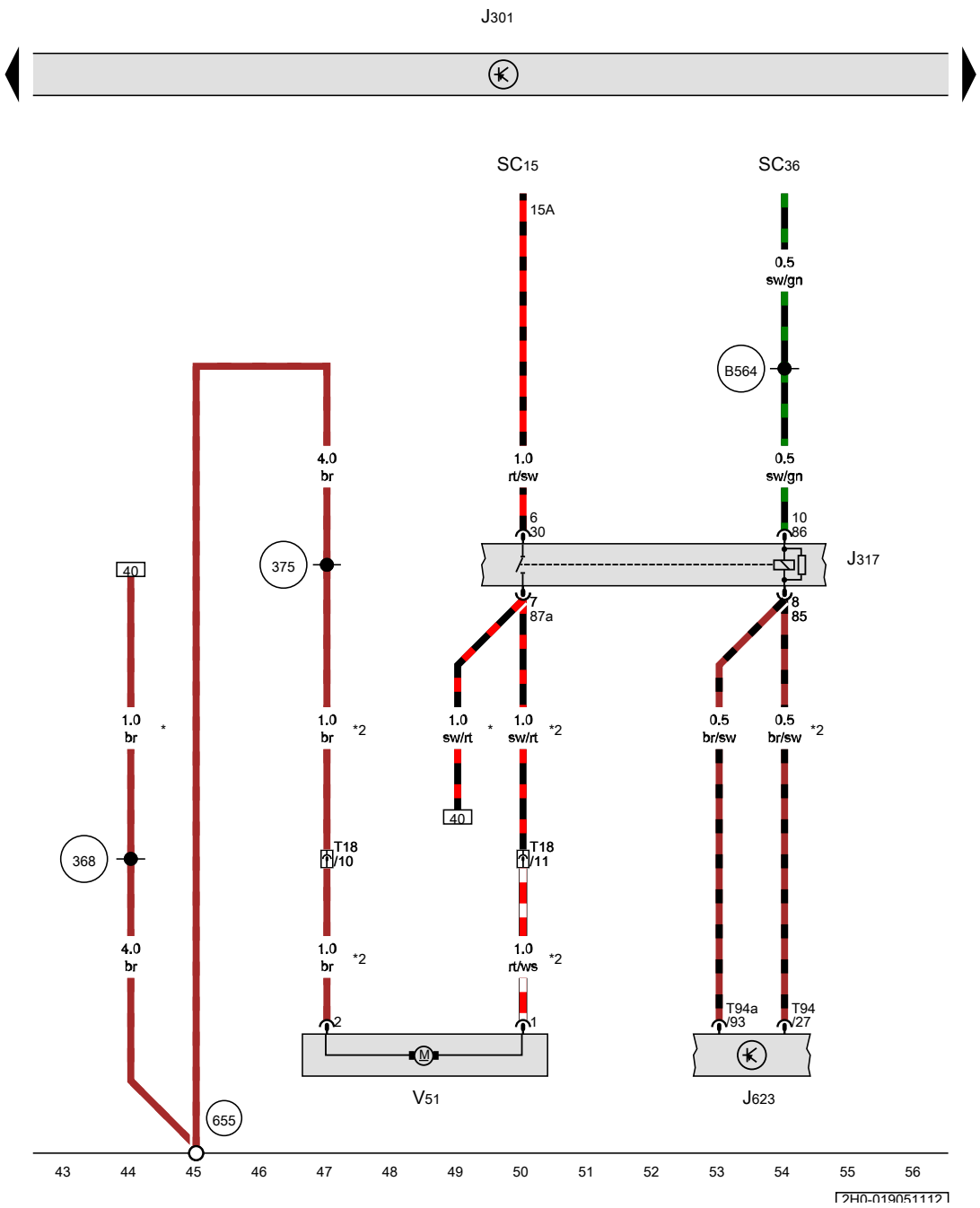

Air conditioning system control unit, Terminal 30 voltage supply relay, Continued coolant circulation pump

J301	Air conditioning system control unit
J317	Terminal 30 voltage supply relay
J623	Engine control unit
SC15	Fuse 15 on fuse holder C
SC36	Fuse 36 on fuse holder C
T18	18-pin connector, near engine control unit
T94	94-pin connector
T94a	94-pin connector
V51	Continued coolant circulation pump
368	Earth connection 3, in main wiring harness
375	Earth connection 10, in main wiring harness
655	Earth point, on left headlight
B564	Connection 31, in main wiring harness
*	Only models with diesel engine
*2	Only models with petrol engine

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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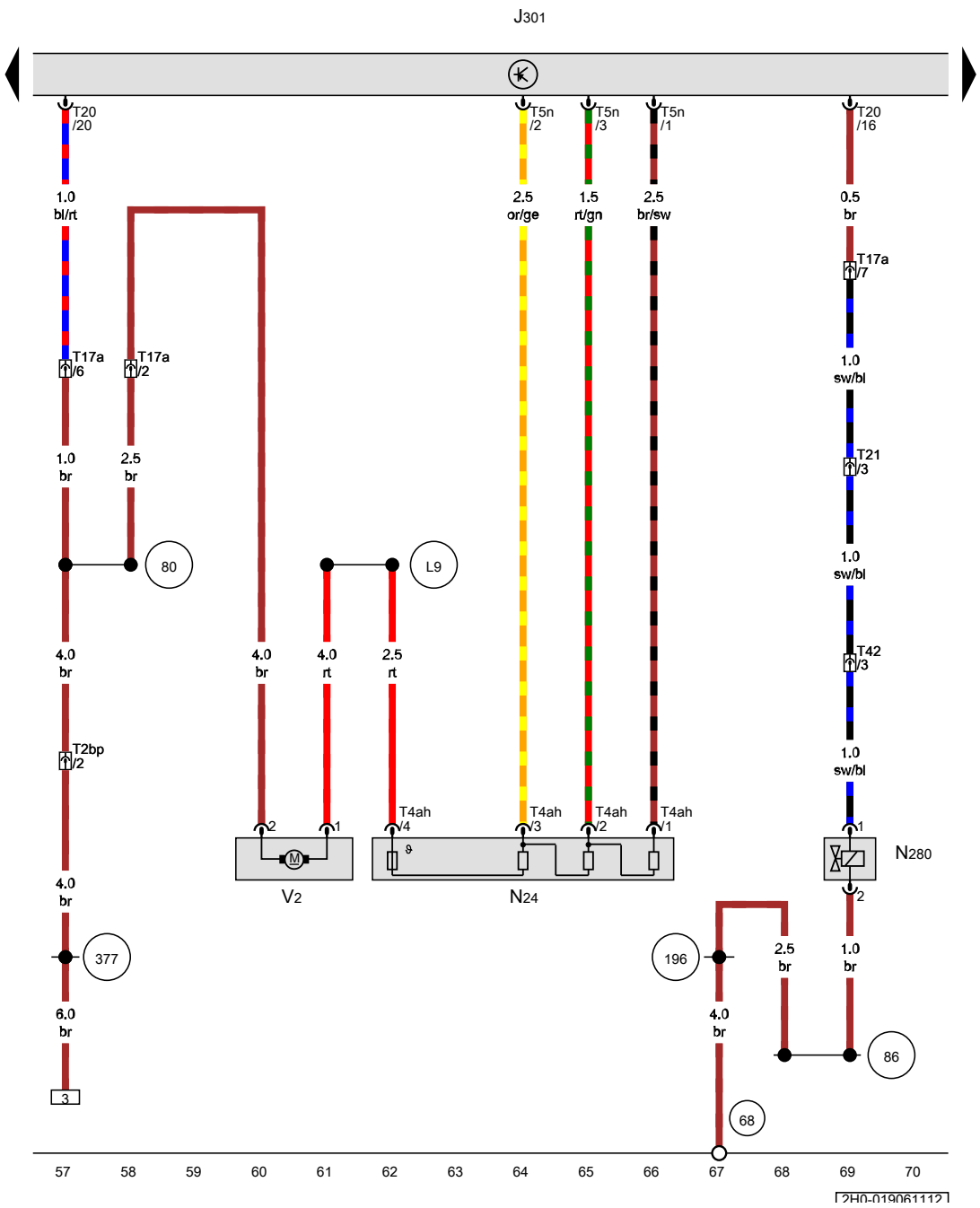

Air conditioning system control unit, Fresh air blower series resistor with overheating fuse, Air conditioner compressor regulating valve, Fresh air blower

J301	Air conditioning system control unit
N24	Fresh air blower series resistor with overheating fuse
N280	Air conditioner compressor regulating valve
T2bp	2-pin connector
T4ah	4-pin connector
T5n	5-pin connector
T17a	17-pin connector
T20	20-pin connector
T21	21-pin connector, on relay carrier
T42	42-pin connector, near handbrake lever
V2	Fresh air blower
68	Earth point, on left of rear cross member
80	Earth connection 1, in dash panel wiring harness
86	Earth connection 1, in rear wiring harness
196	Earth connection 3, in rear wiring harness
377	Earth connection 12, in main wiring harness
L9	Connection 1, in air conditioning system wiring harness

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
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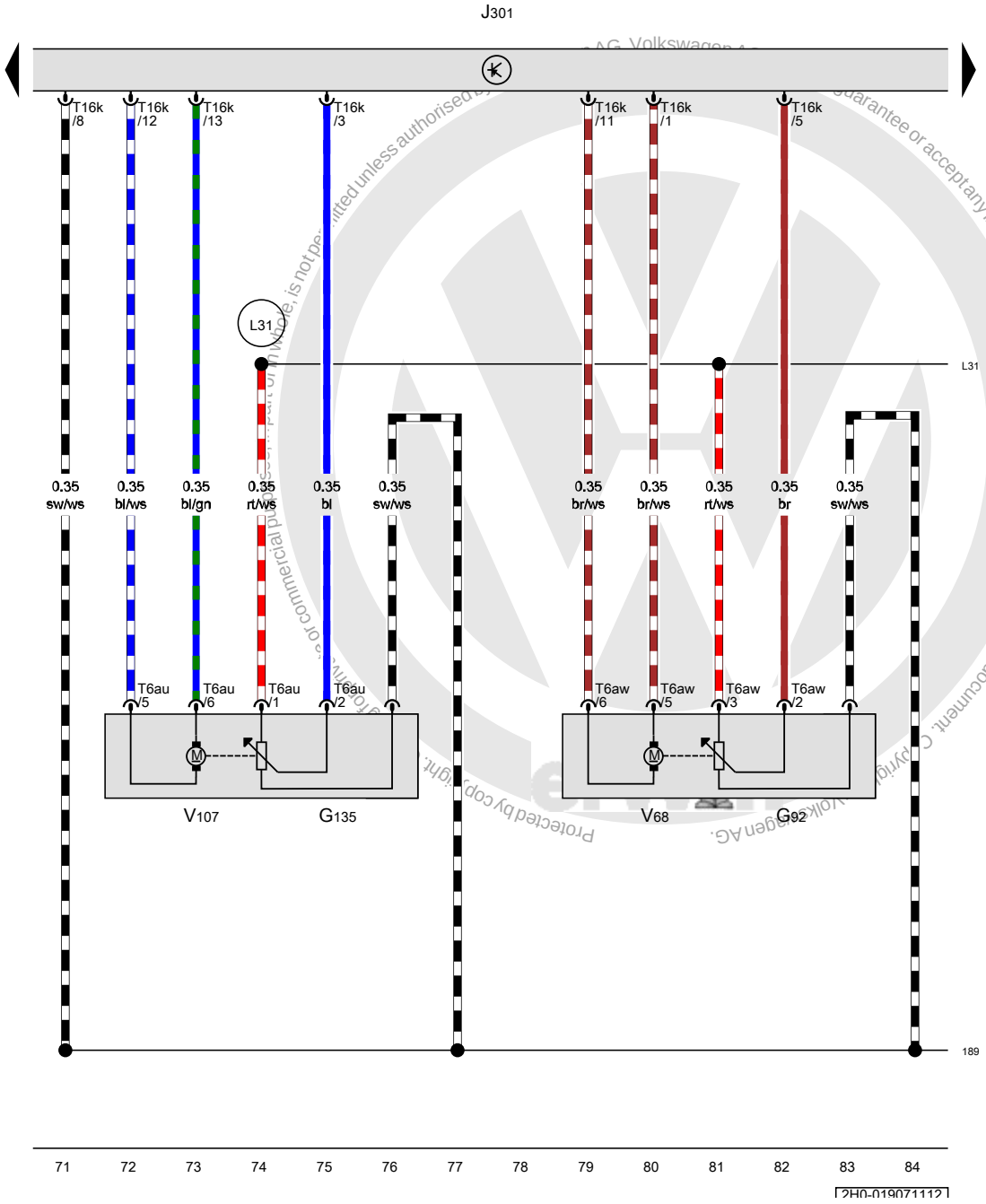

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Potentiometer for temperature flap control motor, Potentiometer for defroster flap control motor, Air conditioning system control unit, Temperature flap control motor, Defroster flap control motor

G92	Potentiometer for temperature flap control motor
G135	Potentiometer for defroster flap control motor
J301	Air conditioning system control unit
T6au	6-pin connector
T6aw	6-pin connector
T16k	16-pin connector
V68	Temperature flap control motor
V107	Defroster flap control motor
189	Earth connection 1, in heater wiring harness
L31	Connection (5V), in air conditioning system wiring harness

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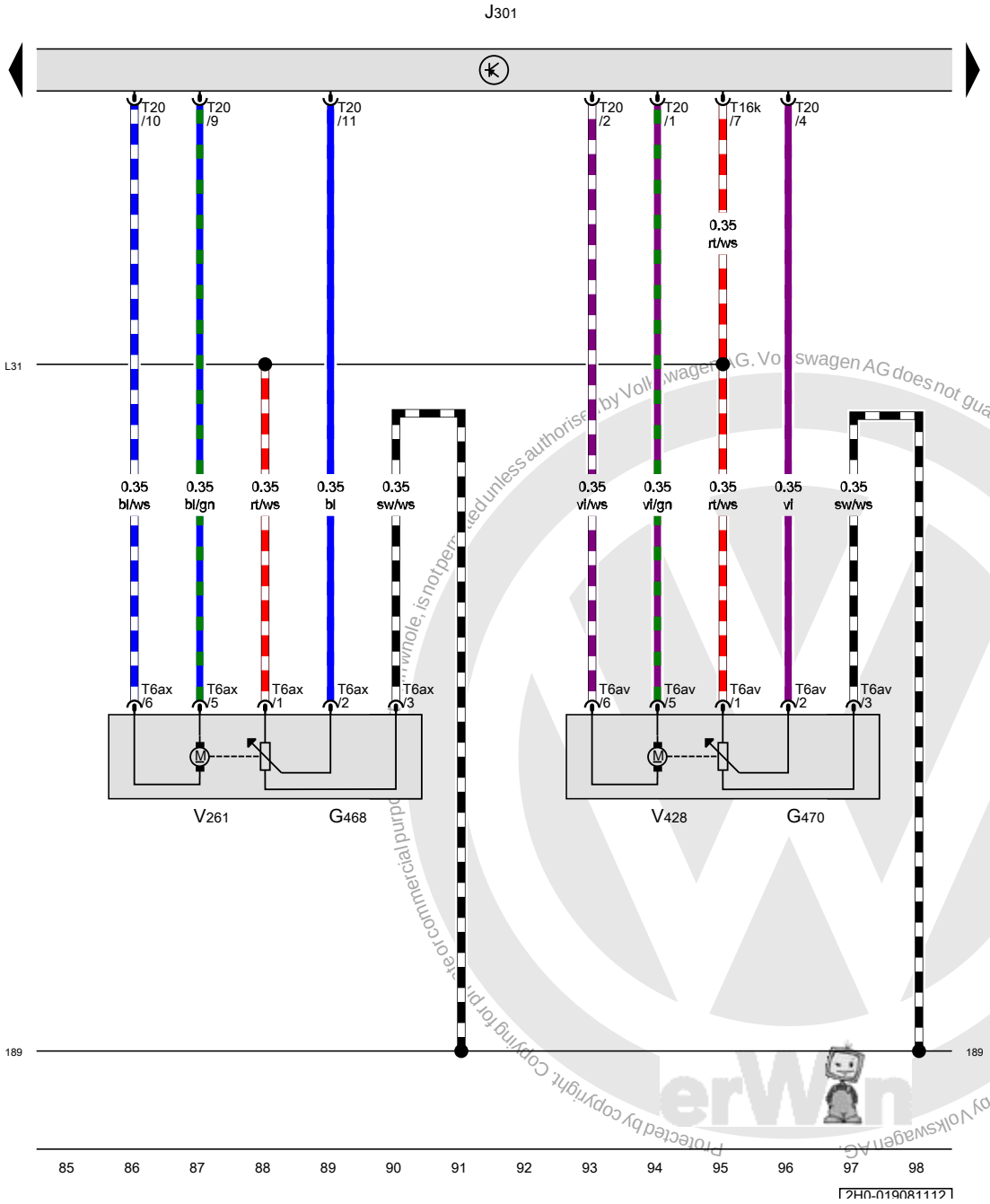

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gr = grey
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Potentiometer for footwell vent control motor, Potentiometer for front air distribution control motor, Air conditioning system control unit, Footwell flap control motor, Air distribution flap control motor

G468	Potentiometer for footwell vent control motor
G470	Potentiometer for front air distribution control motor
J301	Air conditioning system control unit
T6av	6-pin connector
T6ax	6-pin connector
T16k	16-pin connector
T20	20-pin connector
V261	Footwell flap control motor
V428	Air distribution flap control motor
189	Earth connection 1, in heater wiring harness
L31	Connection (5V), in air conditioning system wiring harness

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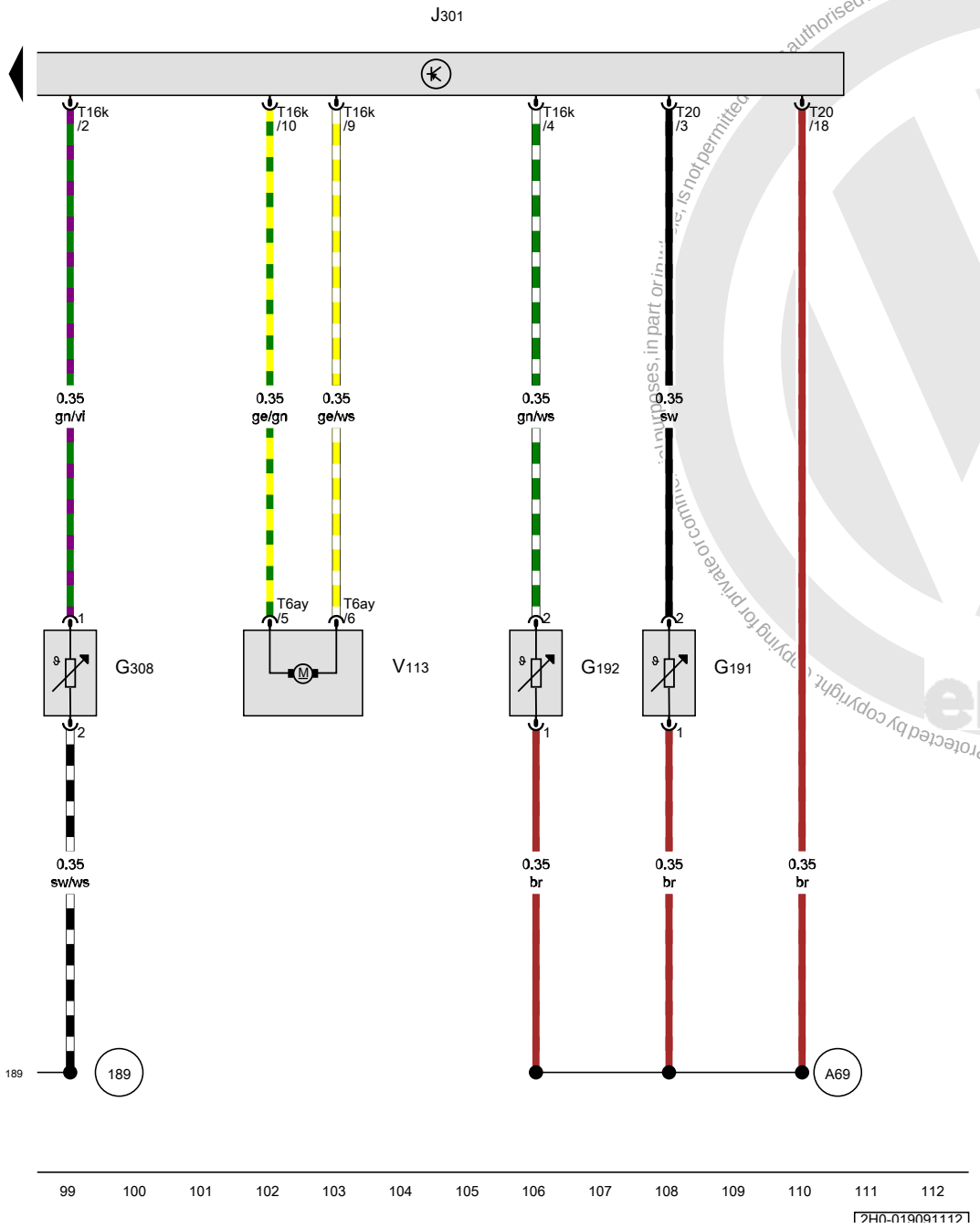

Centre vent temperature sender, Footwell vent temperature sender, Evaporator temperature sensor, Air conditioning system control unit, Air recirculation flap control motor

G191	Centre vent temperature sender
G192	Footwell vent temperature sender
G308	Evaporator temperature sensor
J301	Air conditioning system control unit
T6ay	6-pin connector
T16k	16-pin connector
T20	20-pin connector
V113	Air recirculation flap control motor
189	Earth connection 1, in heater wiring harness
A69	Connection (31, air conditioning system/blower control), in dash panel wiring harness

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sw	=	black
ro	=	red
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gn	=	green
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gr	=	grey
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Climatronic, right-hand drive

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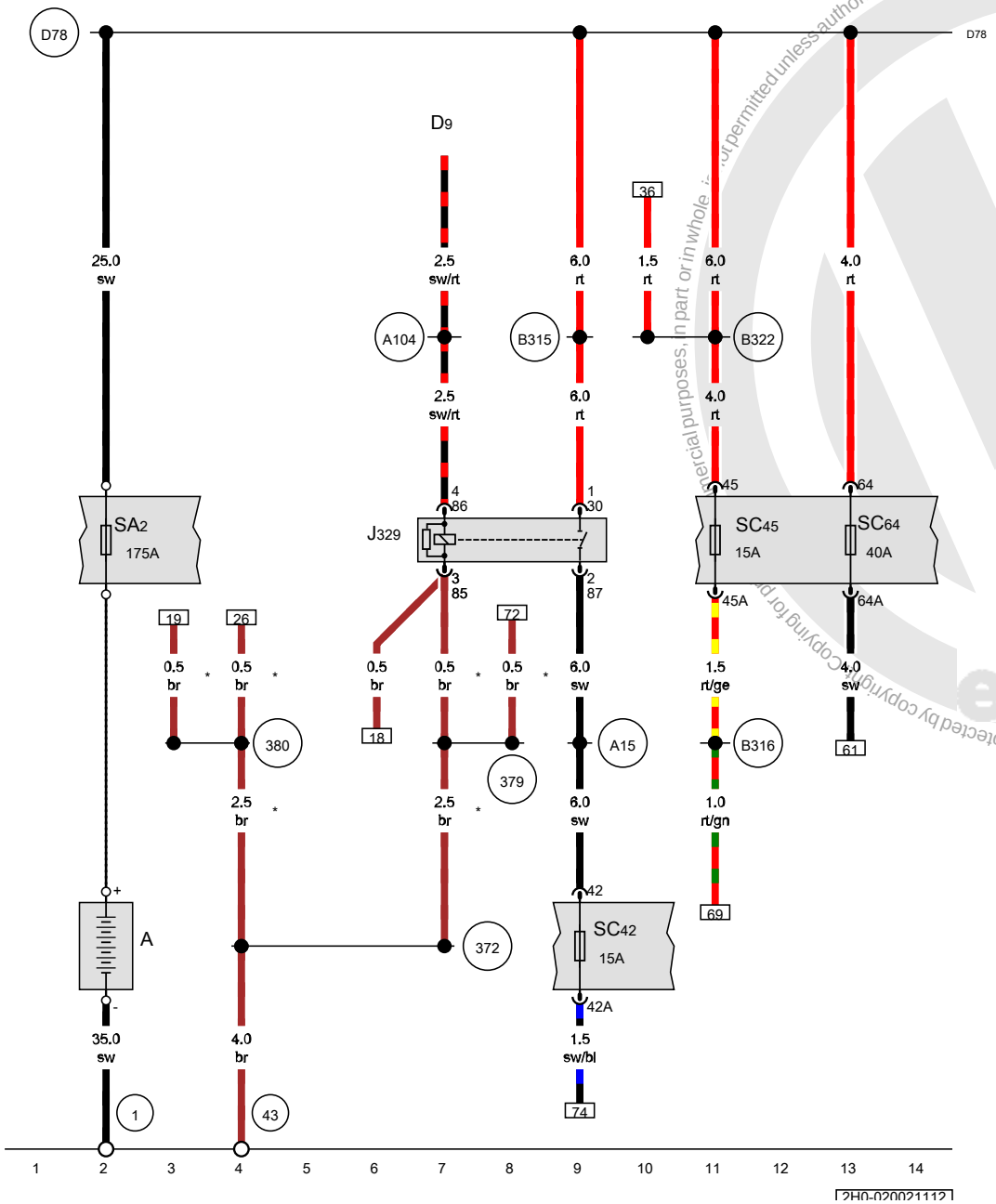

Battery, Fuse 2 in fuse holder A, Fuse 42 on fuse holder C, Fuse 45 on fuse holder C, Fuse 64 on fuse holder C

A	Battery
D9	Electronic ignition lock
J329	Terminal 15 voltage supply relay
SA2	Fuse 2 in fuse holder A
SC42	Fuse 42 on fuse holder C
SC45	Fuse 45 on fuse holder C
SC64	Fuse 64 on fuse holder C
1	Earth strap, battery - body
43	Earth point, lower part of right A-pillar
372	Earth connection 7, in main wiring harness
379	Earth connection 14, in main wiring harness
380	Earth connection 15, in main wiring harness
A15	Positive connection (15), in instrument wiring harness
A104	Positive connection 2 (15), in dash panel wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B316	Positive connection 2 (30a) in main wiring harness
B322	Positive connection 8 (30a) in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
*	From November 2011

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
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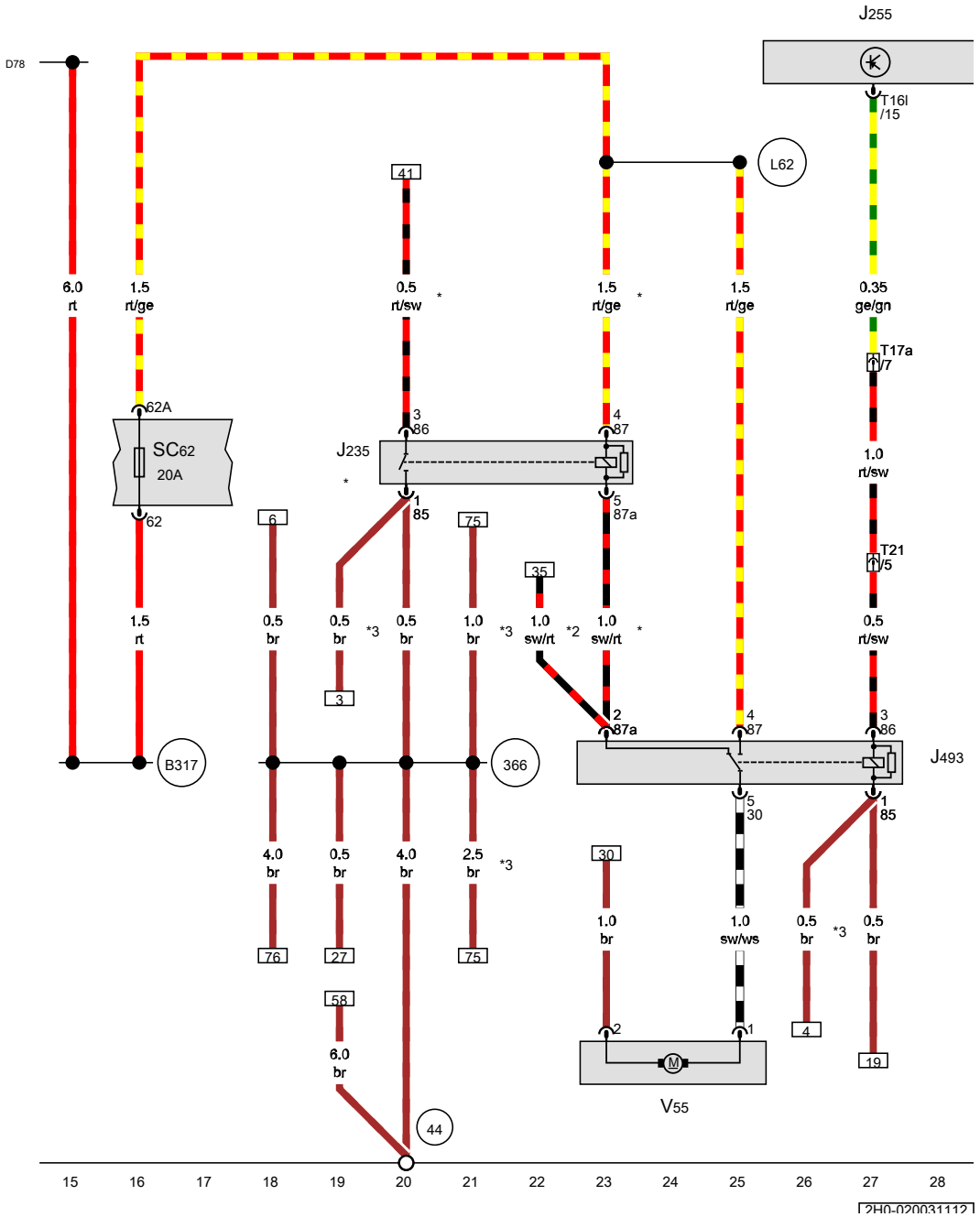

Climatronic control unit, Fuse 62 on fuse holder C, Circulation pump

J235	Coolant pump relay
J255	Climatronic control unit
J493	Auxiliary coolant heater relay
SC62	Fuse 62 on fuse holder C
T16l	16-pin connector
T17a	17-pin connector, behind glove compartment
T21	21-pin connector, on relay carrier
V55	Circulation pump
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
B317	Positive connection 3 (30a) in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
L62	Positive connection (30a), in auxiliary heater wiring harness
*	Only models with petrol engine
*2	Only models with diesel engine
*3	From November 2011

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
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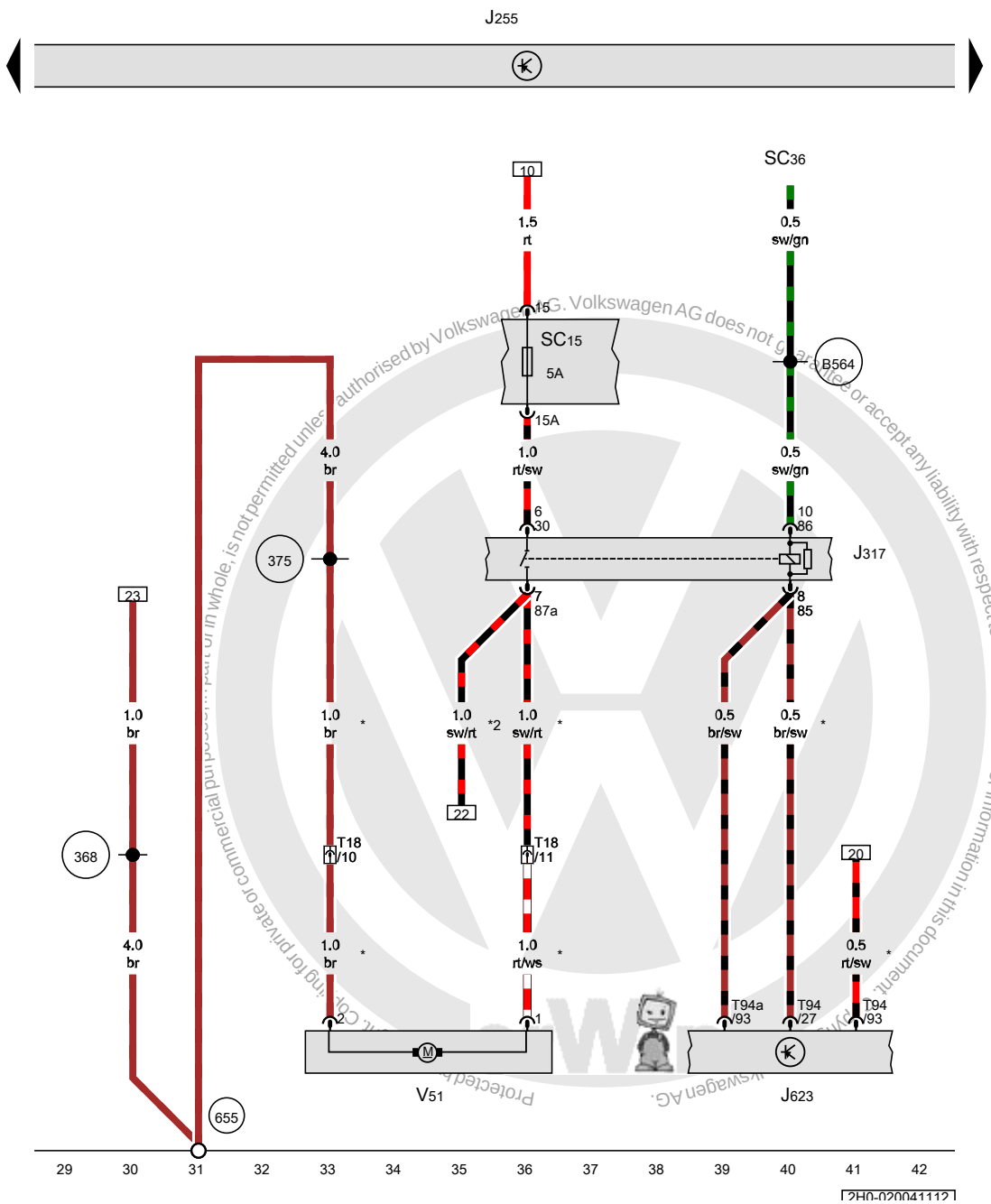

Climatronic control unit, Terminal 30 voltage supply relay, Continued coolant circulation pump

J255	Climatronic control unit
J317	Terminal 30 voltage supply relay
J623	Engine control unit
SC15	Fuse 15 on fuse holder C
SC36	Fuse 36 on fuse holder C
T18	18-pin connector, near engine control unit
T94	94-pin connector
T94a	94-pin connector
V51	Continued coolant circulation pump
368	Earth connection 3, in main wiring harness
375	Earth connection 10, in main wiring harness
655	Earth point, on left headlight
B564	Connection 31, in main wiring harness
*	Only models with petrol engine
*2	Only models with diesel engine

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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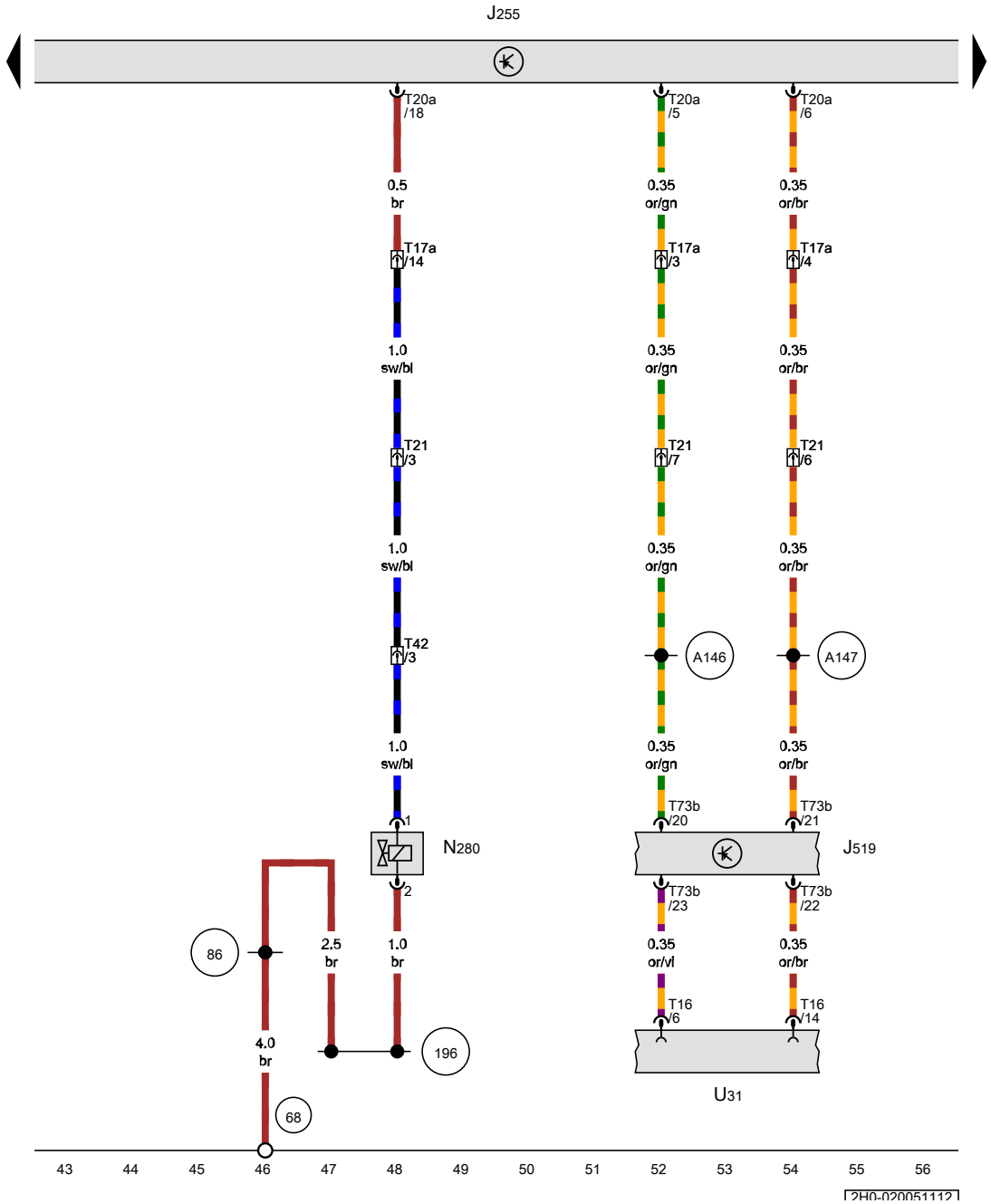

Climatronic control unit, Air conditioner compressor regulating valve, Diagnostic connection

J255	Climatronic control unit
J519	Onboard supply control unit
N280	Air conditioner compressor regulating valve
T16	16-pin connector
T17a	17-pin connector, behind glove compartment
T20a	20-pin connector
T21	21-pin connector, on relay carrier
T42	42-pin connector, near handbrake lever
T73b	73-pin connector
U31	Diagnostic connection, near driver side A-pillar
68	Earth point, on left of rear cross member
86	Earth connection 1, in rear wiring harness
196	Earth connection 3, in rear wiring harness
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness

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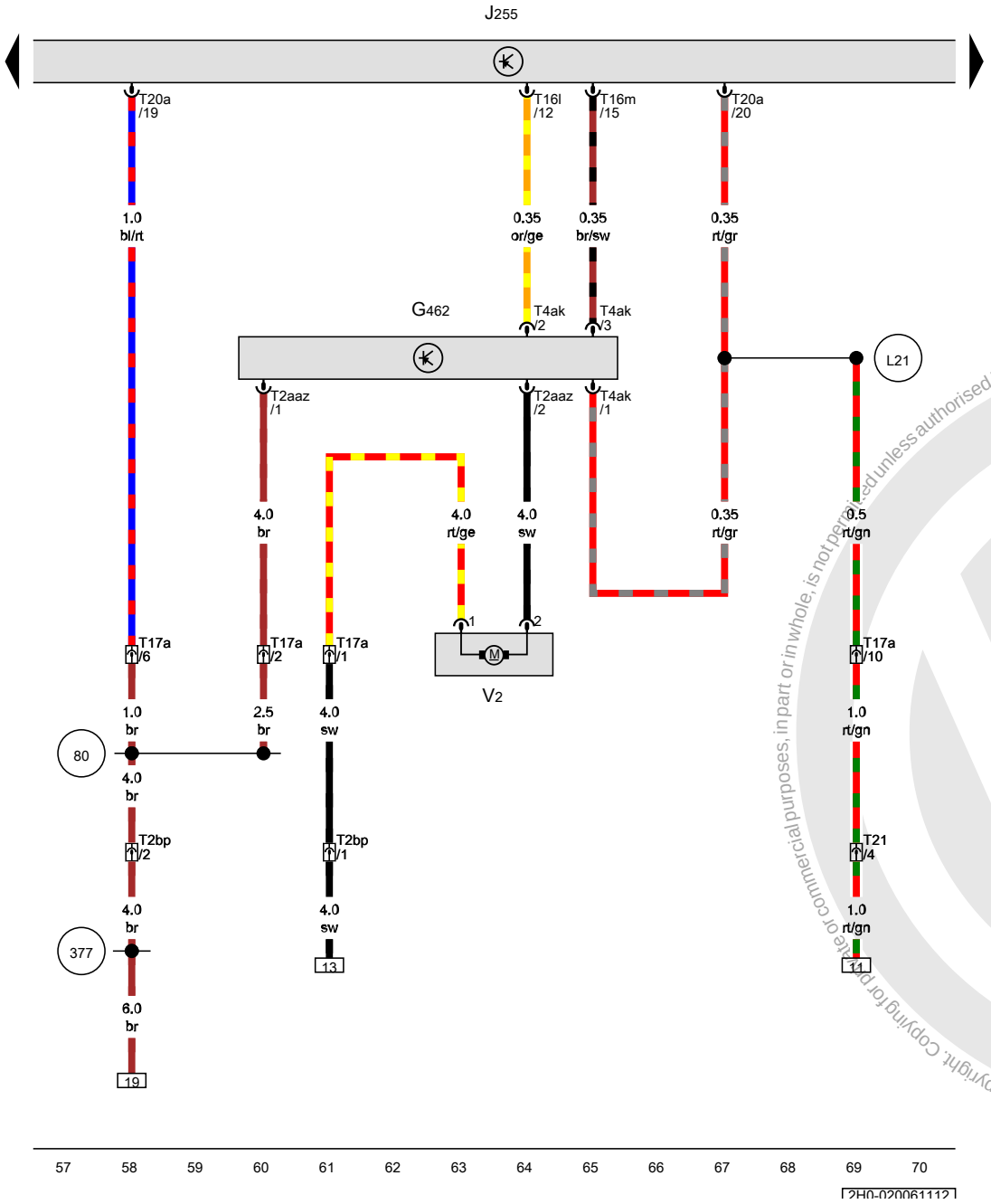

Sender for front Bitron blower regulation, Climatronic control unit, Fresh air blower

G462	Sender for front Bitron blower regulation
J255	Climatronic control unit
T2aaz	2-pin connector
T2bp	2-pin connector
T4ak	4-pin connector
T16l	16-pin connector
T16m	16-pin connector
T17a	17-pin connector, behind glove compartment
T20a	20-pin connector
T21	21-pin connector, on relay carrier
V2	Fresh air blower
80	Earth connection 1, in dash panel wiring harness
377	Earth connection 12, in main wiring harness
L21	Connection 1 (30), in Climatronic operating unit wiring harness

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sw	=	black
ro	=	red
br	=	brown
gn	=	green
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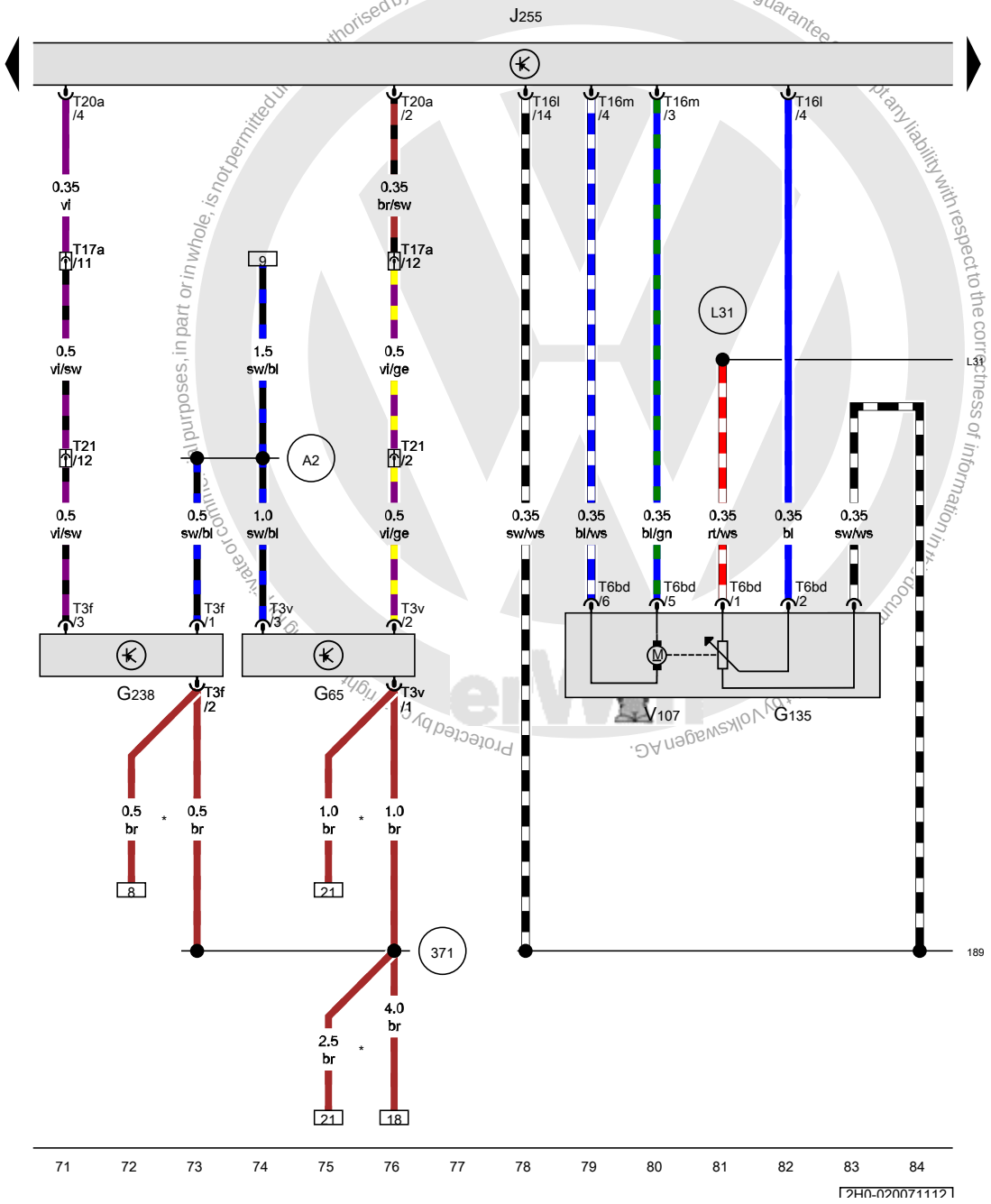

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bl = blue
gr = grey
li = purple
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High-pressure sender, Potentiometer for defroster flap control motor, Air quality sensor, Climatronic control unit, Defroster flap control motor

G65	High-pressure sender
G135	Potentiometer for defroster flap control motor
G238	Air quality sensor, near window wiper motor
J255	Climatronic control unit
T3f	3-pin connector
T3v	3-pin connector
T6bd	6-pin connector
T16l	16-pin connector
T16m	16-pin connector
T17a	17-pin connector, behind glove compartment
T20a	20-pin connector
T21	21-pin connector, on relay carrier
V107	Defroster flap control motor
189	Earth connection 1, in heater wiring harness
371	Earth connection 6, in main wiring harness
A2	Positive connection (15), in dash panel wiring harness
L31	Connection (5V), in air conditioning system wiring harness
*	From November 2011

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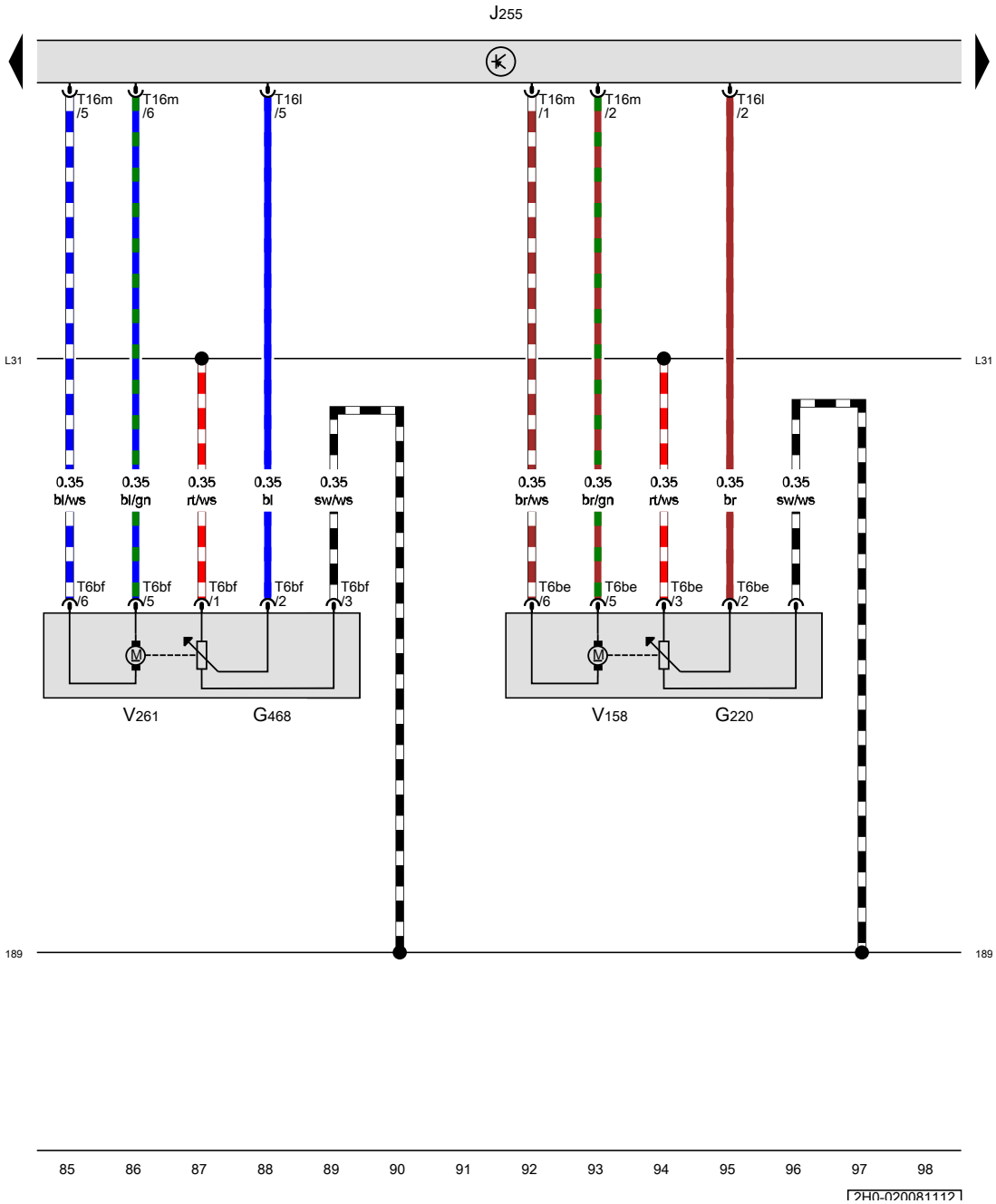

Potentiometer for left temperature flap control motor, Potentiometer for footwell vent control motor, Climatronic control unit, Left temperature flap control motor, Footwell flap control motor

G220	Potentiometer for left temperature flap control motor
G468	Potentiometer for footwell vent control motor
J255	Climatronic control unit
T6be	6-pin connector
T6bf	6-pin connector
T16l	16-pin connector
T16m	16-pin connector
V158	Left temperature flap control motor
V261	Footwell flap control motor
189	Earth connection 1, in heater wiring harness
L31	Connection (5V), in air conditioning system wiring harness

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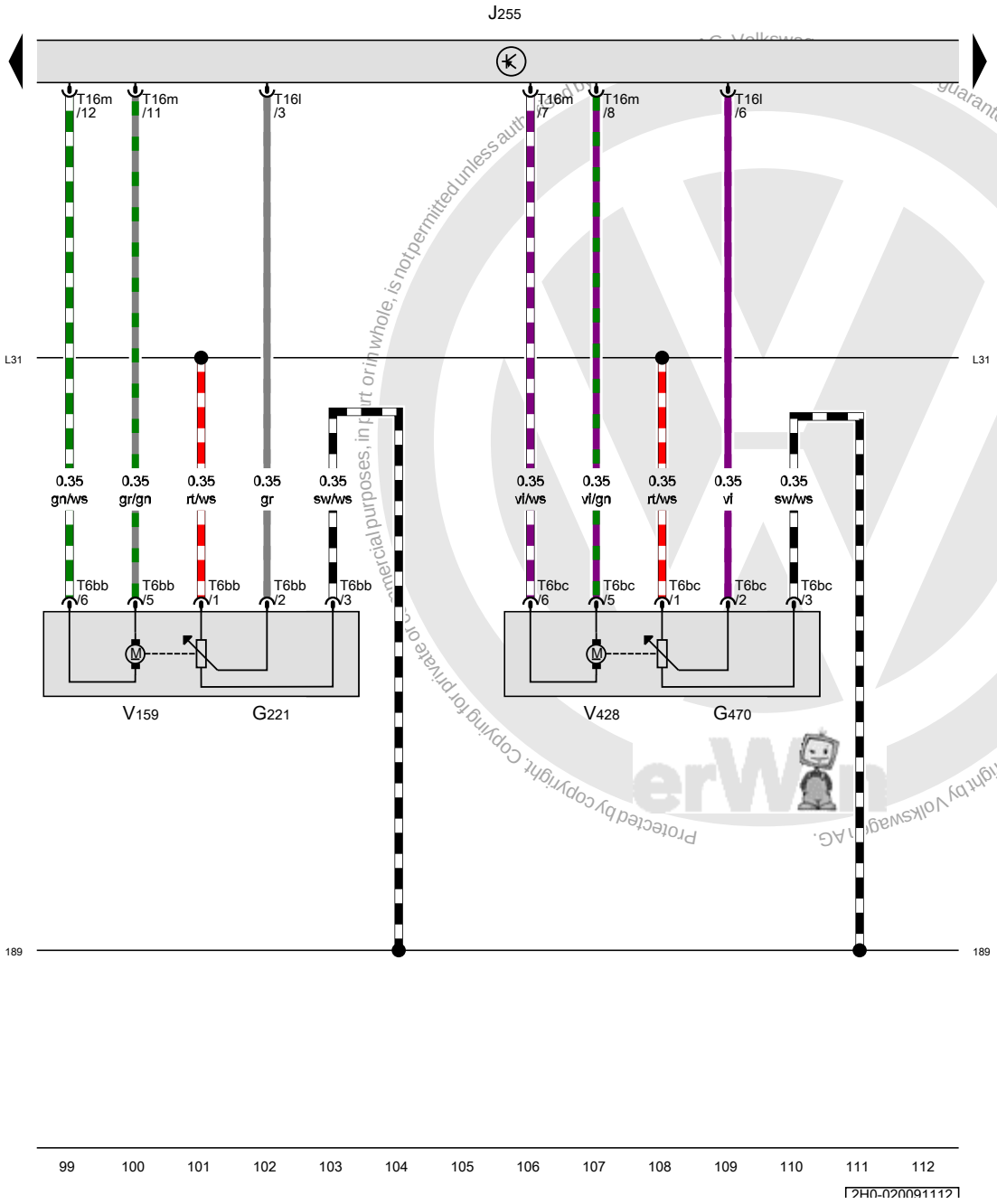

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Potentiometer for right temperature flap control motor, Potentiometer for front air distribution control motor, Climatronic control unit, Right temperature flap control motor, Air distribution flap control motor

G221	Potentiometer for right temperature flap control motor
G470	Potentiometer for front air distribution control motor
J255	Climatronic control unit
T6bb	6-pin connector
T6bc	6-pin connector
T16l	16-pin connector
T16m	16-pin connector
V159	Right temperature flap control motor
V428	Air distribution flap control motor
189	Earth connection 1, in heater wiring harness
L31	Connection (5V), in air conditioning system wiring harness

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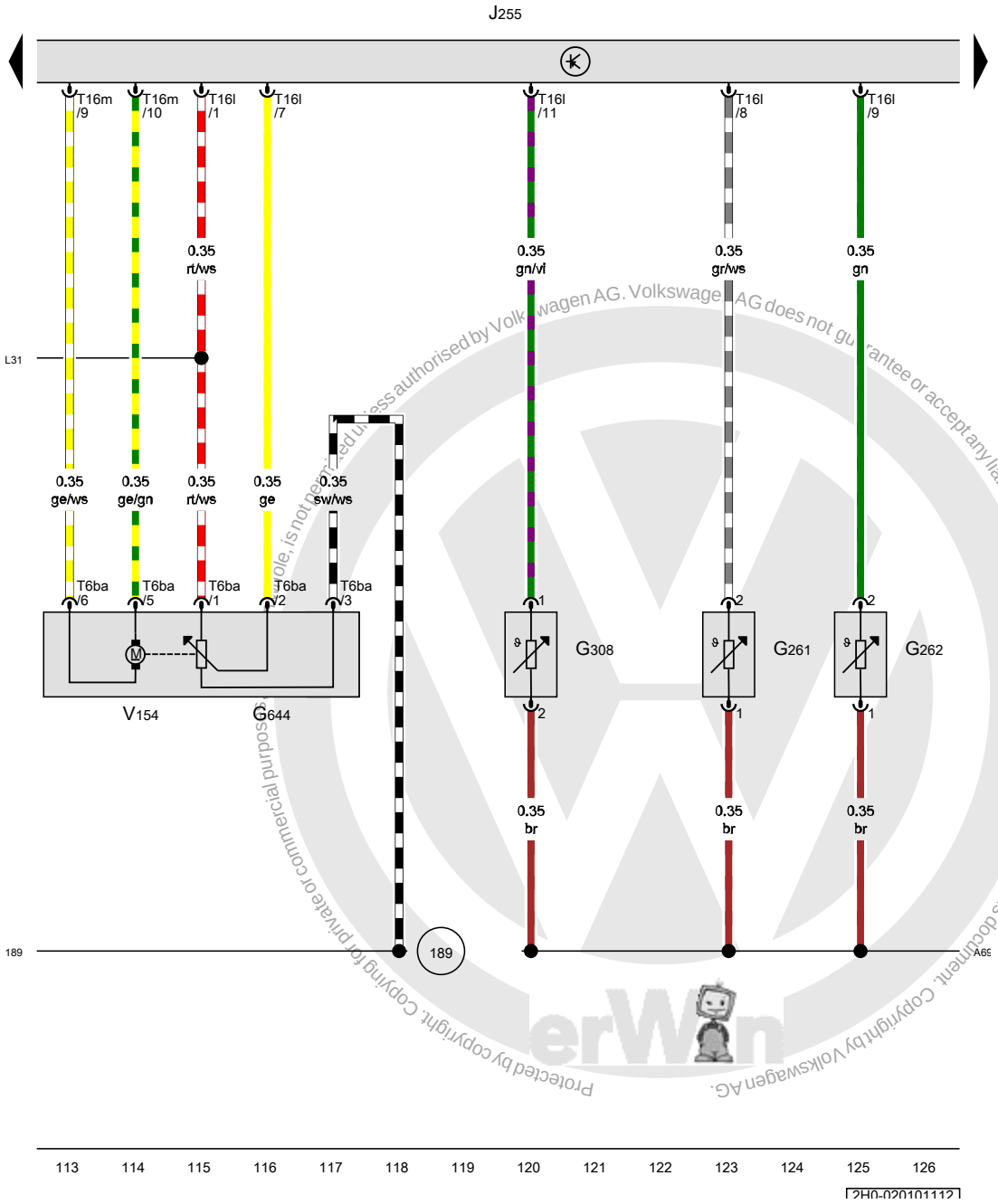

Left footwell vent temperature sender, Right footwell vent temperature sender, Evaporator temperature sensor, Potentiometer for fresh air/recirculated air, air flow flap control motor, Climatronic control unit, Fresh air and air recirculation flap control motor

G261	Left footwell vent temperature sender
G262	Right footwell vent temperature sender
G308	Evaporator temperature sensor
G644	Potentiometer for fresh air/recirculated air, air flow flap control motor
J255	Climatronic control unit
T6ba	6-pin connector
T16l	16-pin connector
T16m	16-pin connector
V154	Fresh air and air recirculation flap control motor
189	Earth connection 1, in heater wiring harness
A69	Connection (31, air conditioning system/blower control), in dash panel wiring harness
L31	Connection (5V), in air conditioning system wiring harness

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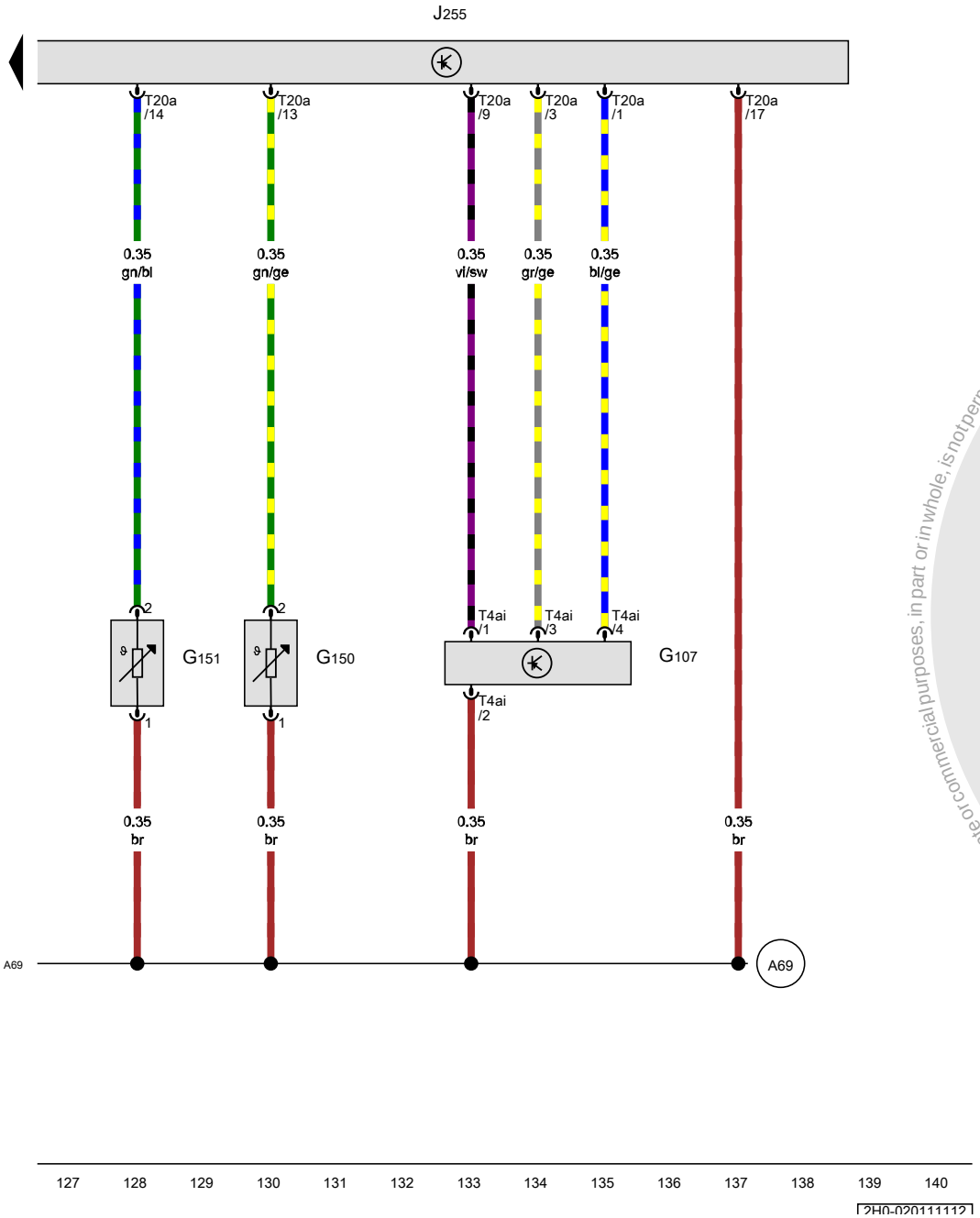

Sunlight penetration photosensor, Left vent temperature sender, Right vent temperature sender, Climatronic control unit

G107	Sunlight penetration photosensor, in centre of dash panel
G150	Left vent temperature sender
G151	Right vent temperature sender
J255	Climatronic control unit
T4ai	4-pin connector
T20a	20-pin connector
A69	Connection (31, air conditioning system/blower control), in dash panel wiring harness

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Interface for external use

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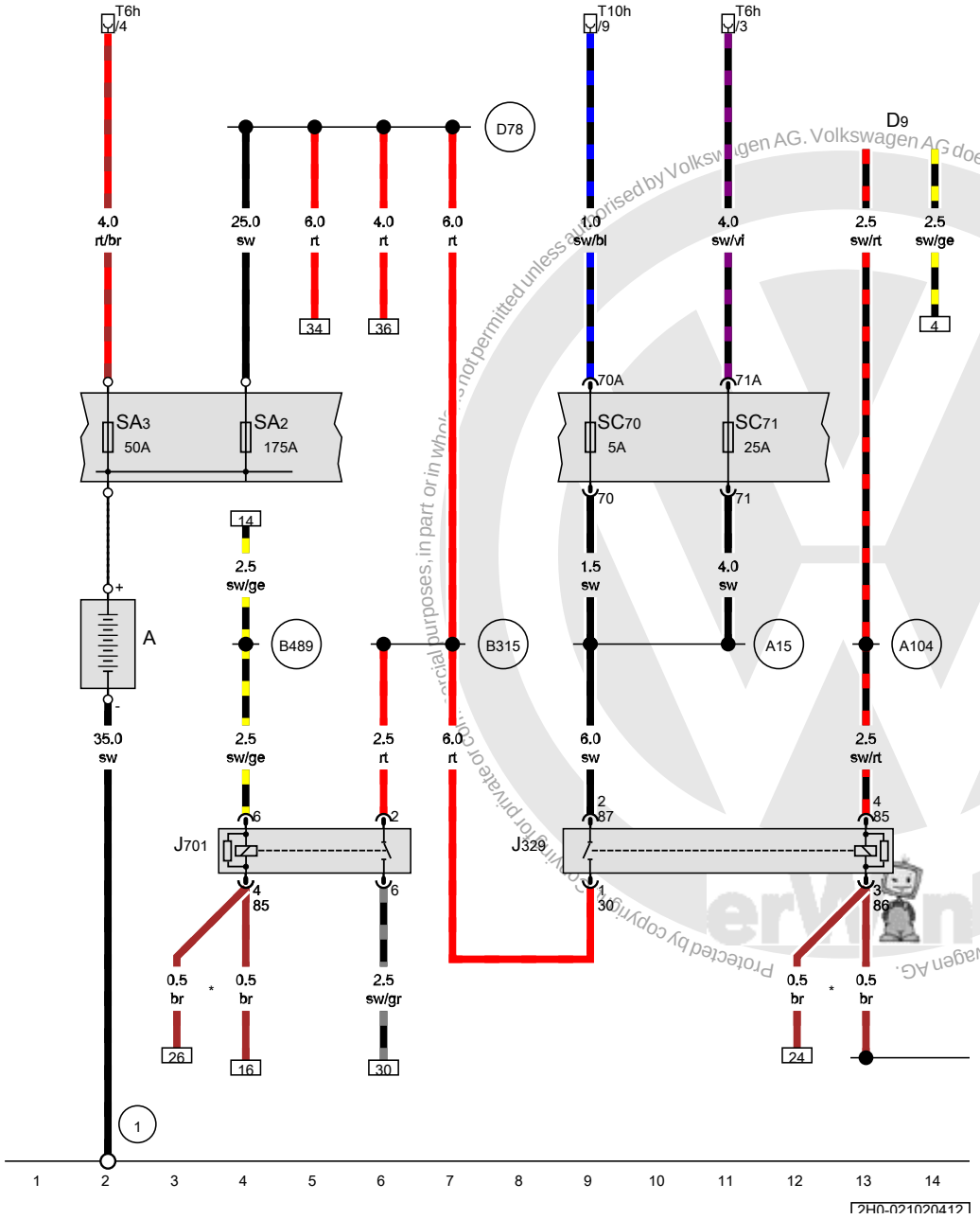

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br = brown
gn = green
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gr = grey
li = purple
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rs = pink

Battery, Electronic ignition lock, Fuse 2 in fuse holder A, Fuse 3 in fuse holder A, Fuse 70 on fuse holder C, Fuse 71 on fuse holder C

A	Battery
D9	Electronic ignition lock
J329	Terminal 15 voltage supply relay, on relay carrier
J701	Voltage supply relay 1
SA2	Fuse 2 in fuse holder A
SA3	Fuse 3 in fuse holder A
SC70	Fuse 70 on fuse holder C
SC71	Fuse 71 on fuse holder C
T6h	6-pin connector, in front centre console, grey
T10h	10-pin connector, in left footwell, near centre console, purple
1	Earth strap, battery - body
366	Earth connection 1, in main wiring harness
A15	Positive connection (15), in instrument wiring harness
A104	Positive connection 2 (15), in dash panel wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B489	Connection 25, in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
*	From November 2011

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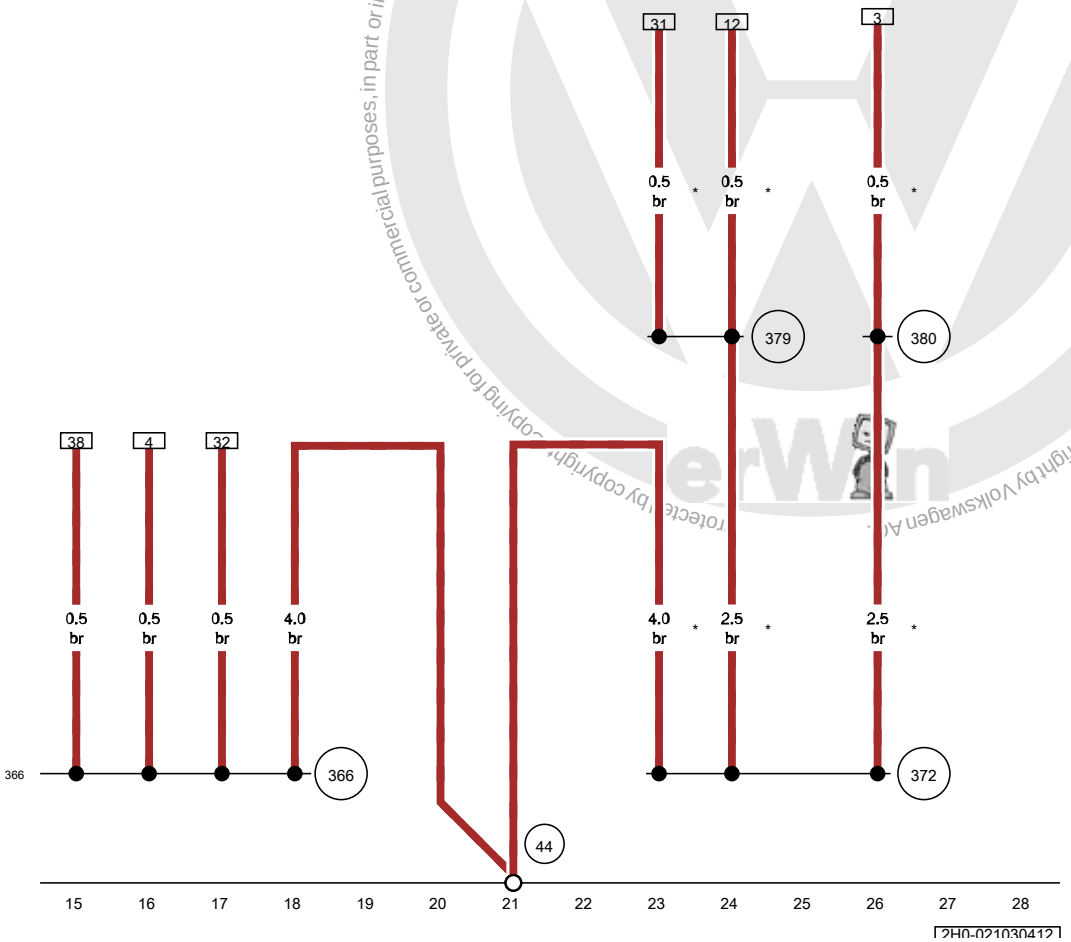

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br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
372	Earth connection 7, in main wiring harness
379	Earth connection 14, in main wiring harness
380	Earth connection 15, in main wiring harness
*	From November 2011

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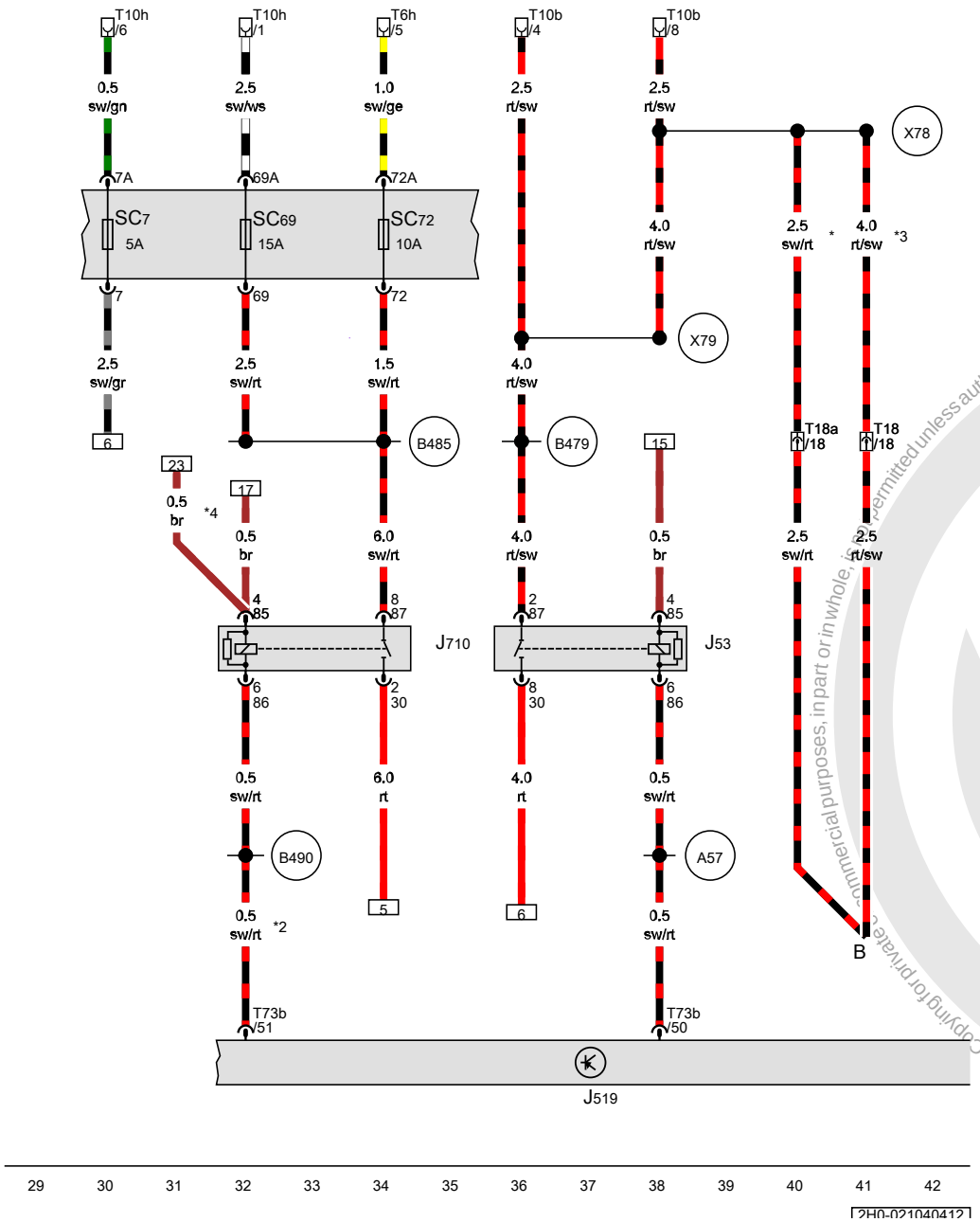

Starter motor relay, Onboard supply control unit, Voltage supply relay 2, Fuse 7 on fuse holder C, Fuse 69 on fuse holder C, Fuse 72 on fuse holder C

B	Starter
J53	Starter motor relay, on relay carrier
J519	Onboard supply control unit
J710	Voltage supply relay 2, on relay carrier
SC7	Fuse 7 on fuse holder C
SC69	Fuse 69 on fuse holder C
SC72	Fuse 72 on fuse holder C
T6h	6-pin connector, in front centre console, grey
T10b	10-pin connector, in left footwell, near centre console, yellow
T10h	10-pin connector, in left footwell, near centre console, purple
T18	18-pin connector, near engine control unit, black
T18a	18-pin connector, near engine control unit, grey
T73b	73-pin connector
A57	Positive connection 3 (30), in dash panel wiring harness
B479	Connection 15, in main wiring harness
B485	Connection 21, in main wiring harness
B490	Connection 26, in main wiring harness
X78	Connection 1, in optional equipment wiring harness
X79	Connection 2, in optional equipment wiring harness
*	Only models with diesel engine
*2	Only models with no start/stop system
*3	Only models with petrol engine
*4	From November 2011

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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rs	=	pink

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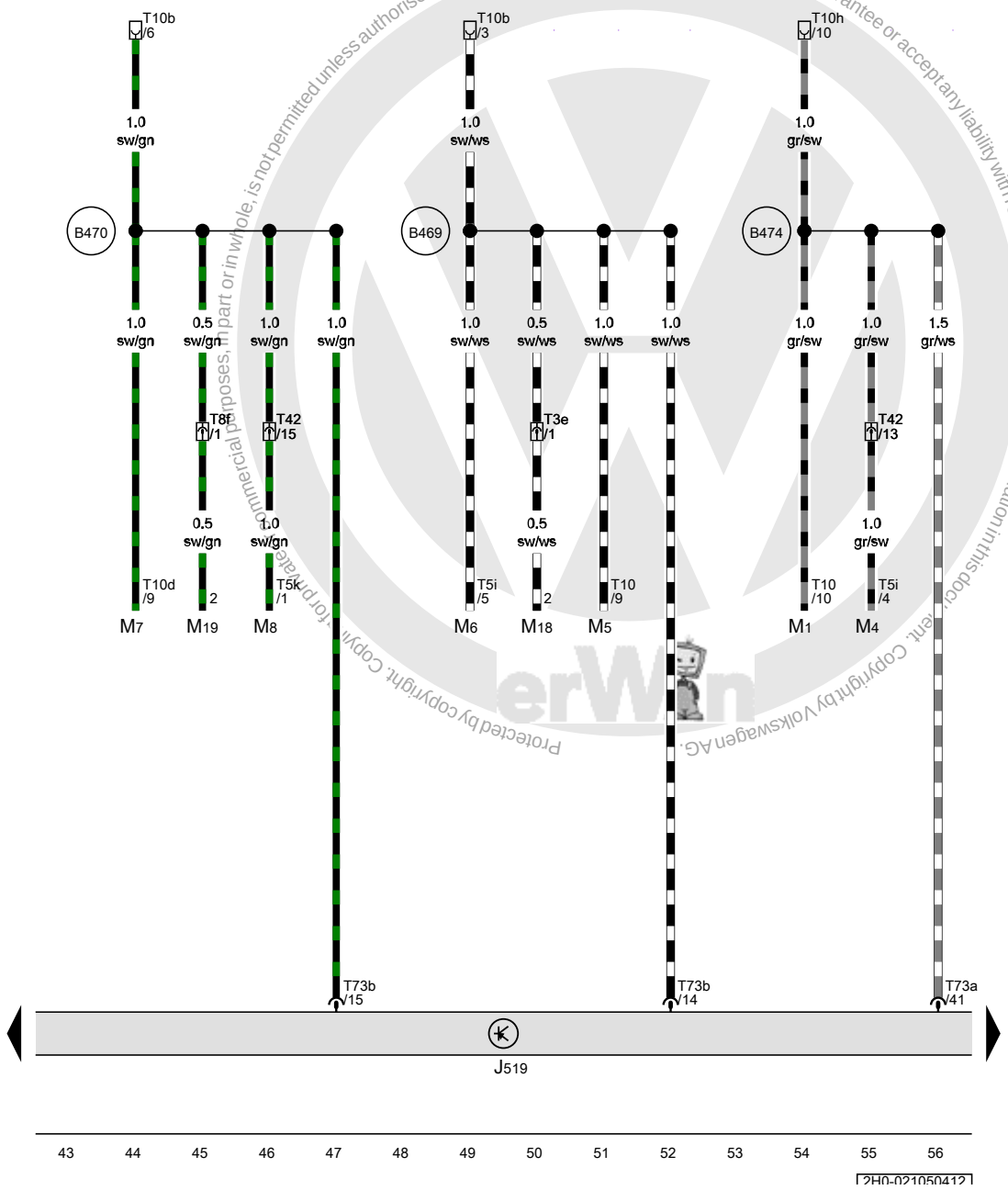

ws = white
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ro = red
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gn = green
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rs = pink

Onboard supply control unit, Left side light bulb, Left tail light bulb, Front left turn signal bulb, Rear left turn signal bulb, Front right turn signal bulb, Rear right turn signal bulb, Left turn signal repeater bulb, Right turn signal repeater bulb

J519	Onboard supply control unit
M1	Left side light bulb
M4	Left tail light bulb
M5	Front left turn signal bulb
M6	Rear left turn signal bulb
M7	Front right turn signal bulb
M8	Rear right turn signal bulb
M18	Left turn signal repeater bulb
M19	Right turn signal repeater bulb
T3e	3-pin connector, in rear right of engine compartment, black
T5i	5-pin connector
T5k	5-pin connector
T8f	8-pin connector, in rear left of engine compartment, black
T10	10-pin connector
T10b	10-pin connector, in left footwell, near centre console, yellow
T10d	10-pin connector
T10h	10-pin connector, in left footwell, near centre console, purple
T42	42-pin connector, near handbrake lever, black
T73a	73-pin connector
T73b	73-pin connector
B469	Connection 5, in main wiring harness
B470	Connection 6, in main wiring harness
B474	Connection 10, in main wiring harness

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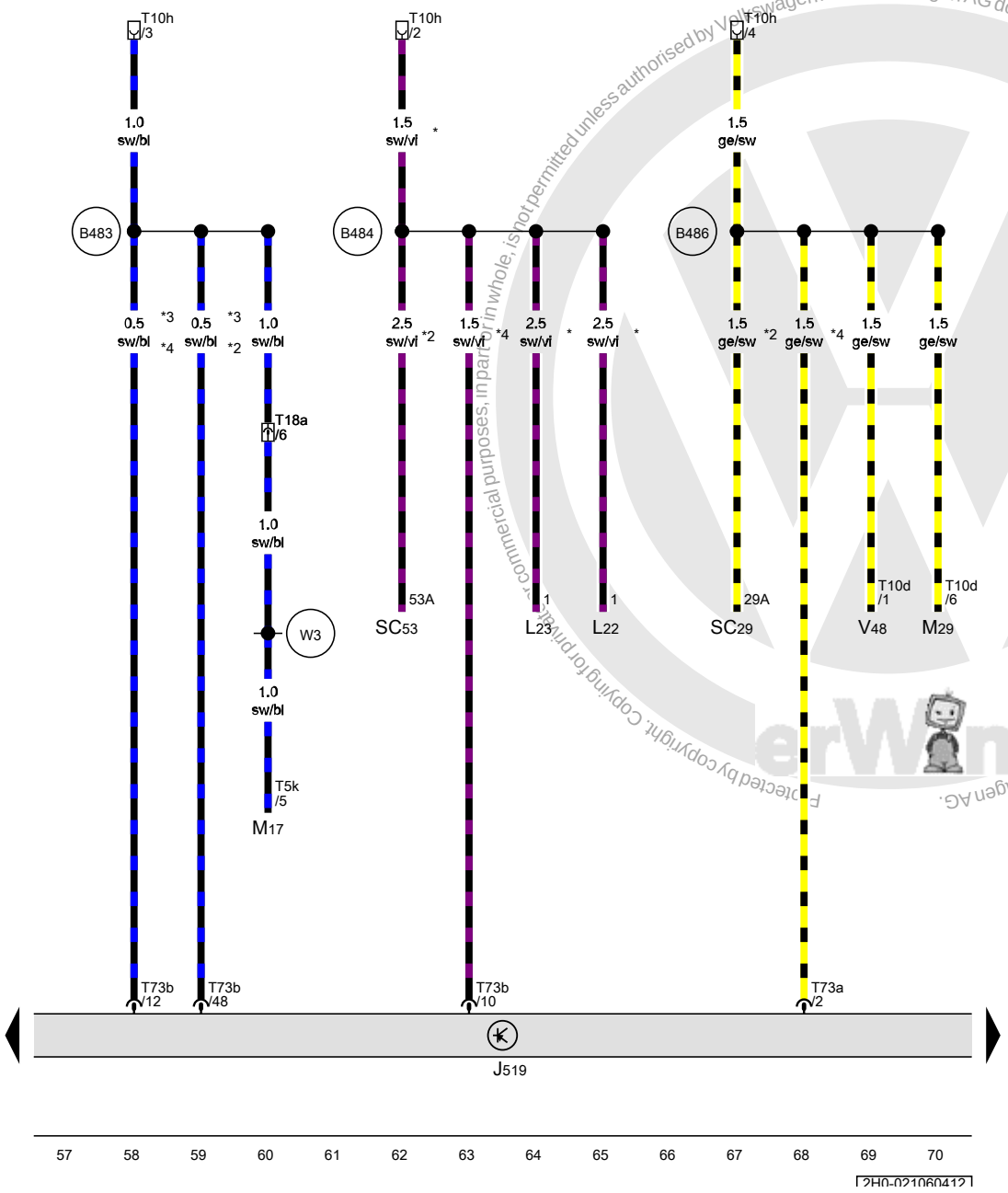

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Onboard supply control unit, Left fog light bulb, Right fog light bulb, Right reversing light bulb, Left headlight dipped beam bulb, Fuse 29 on fuse holder C, Fuse 53 on fuse holder C, Left headlight range control motor

J519	Onboard supply control unit
L22	Left fog light bulb
L23	Right fog light bulb
M17	Right reversing light bulb
M29	Left headlight dipped beam bulb
SC29	Fuse 29 on fuse holder C
SC53	Fuse 53 on fuse holder C
T5k	5-pin connector
T10d	10-pin connector, black
T10h	10-pin connector, in left footwell, near centre console, purple
T18a	18-pin connector, near engine control unit, grey
T73a	73-pin connector
T73b	73-pin connector
V48	Left headlight range control motor
B483	Connection 19, in main wiring harness
B484	Connection 20, in main wiring harness
B486	Connection 22, in main wiring harness
W3	Connection in rear wiring harness
*	Only models with fog lights
*2	Only models with no start/stop system
*3	Only models with manual gearbox
*4	Only models with start/stop system

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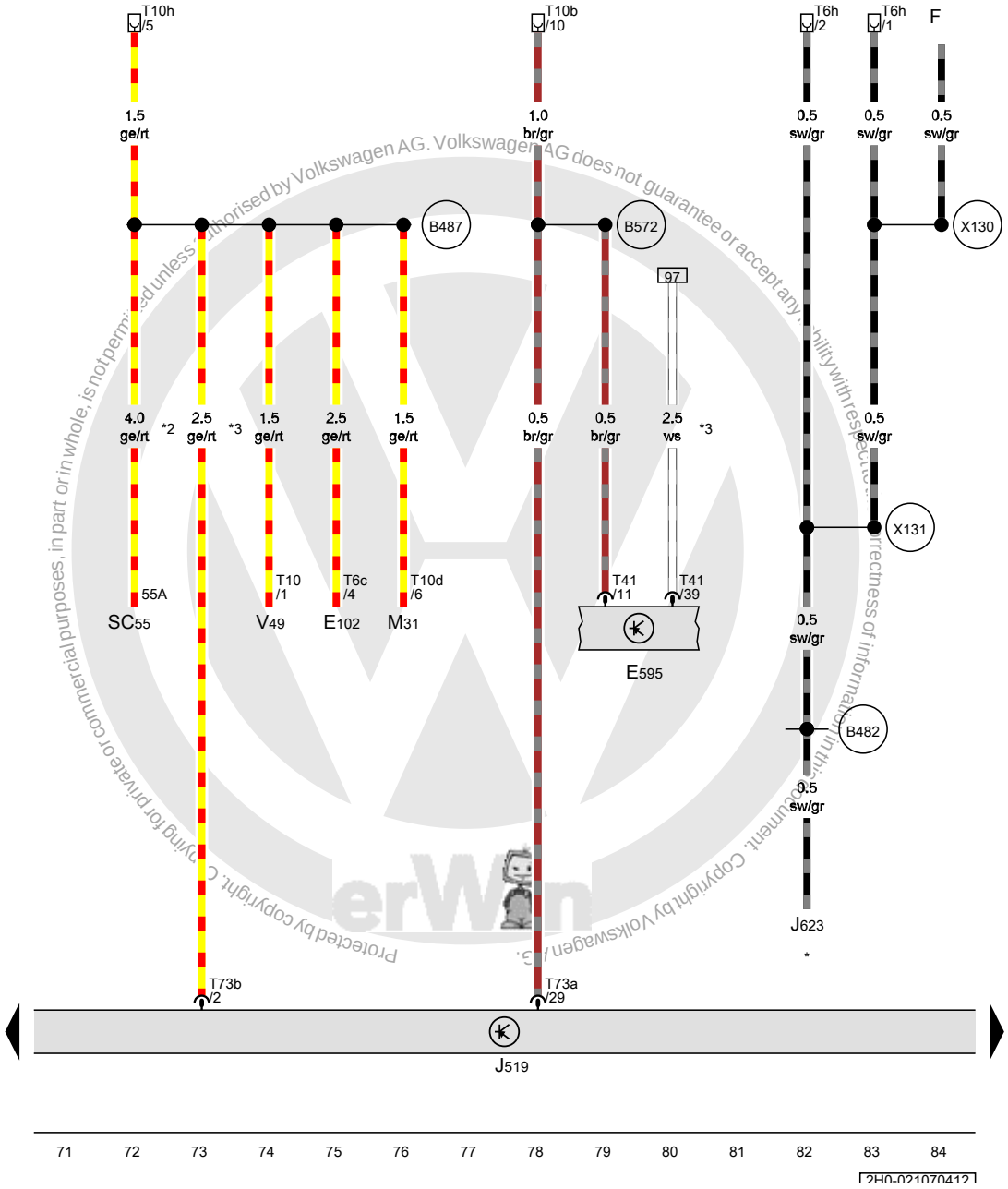

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Headlight range control regulator, Steering column combination switch, Brake light switch, Onboard supply control unit, Engine control unit, Right headlight dipped beam bulb, Fuse 55 on fuse holder C, Right headlight range control motor

E102	Headlight range control regulator
E595	Steering column combination switch
F	Brake light switch
J519	Onboard supply control unit
J623	Engine control unit
M31	Right headlight dipped beam bulb
SC55	Fuse 55 on fuse holder C
T6c	6-pin connector, black
T6h	6-pin connector, in front centre console, grey
T10	10-pin connector
T10b	10-pin connector, in left footwell, near centre console, yellow
T10d	10-pin connector, black
T10h	10-pin connector, in left footwell, near centre console, purple
T41	41-pin connector
T73a	73-pin connector
T73b	73-pin connector
V49	Right headlight range control motor
B482	Connection 18, in main wiring harness
B487	Connection 23, in main wiring harness
B572	Connection 39, in main wiring harness
X130	Connection 3, in optional equipment wiring harness
X131	Connection 4, in optional equipment wiring harness
*	see applicable current flow diagram for engine
*2	Only models with no start/stop system
*3	Only models with start/stop system

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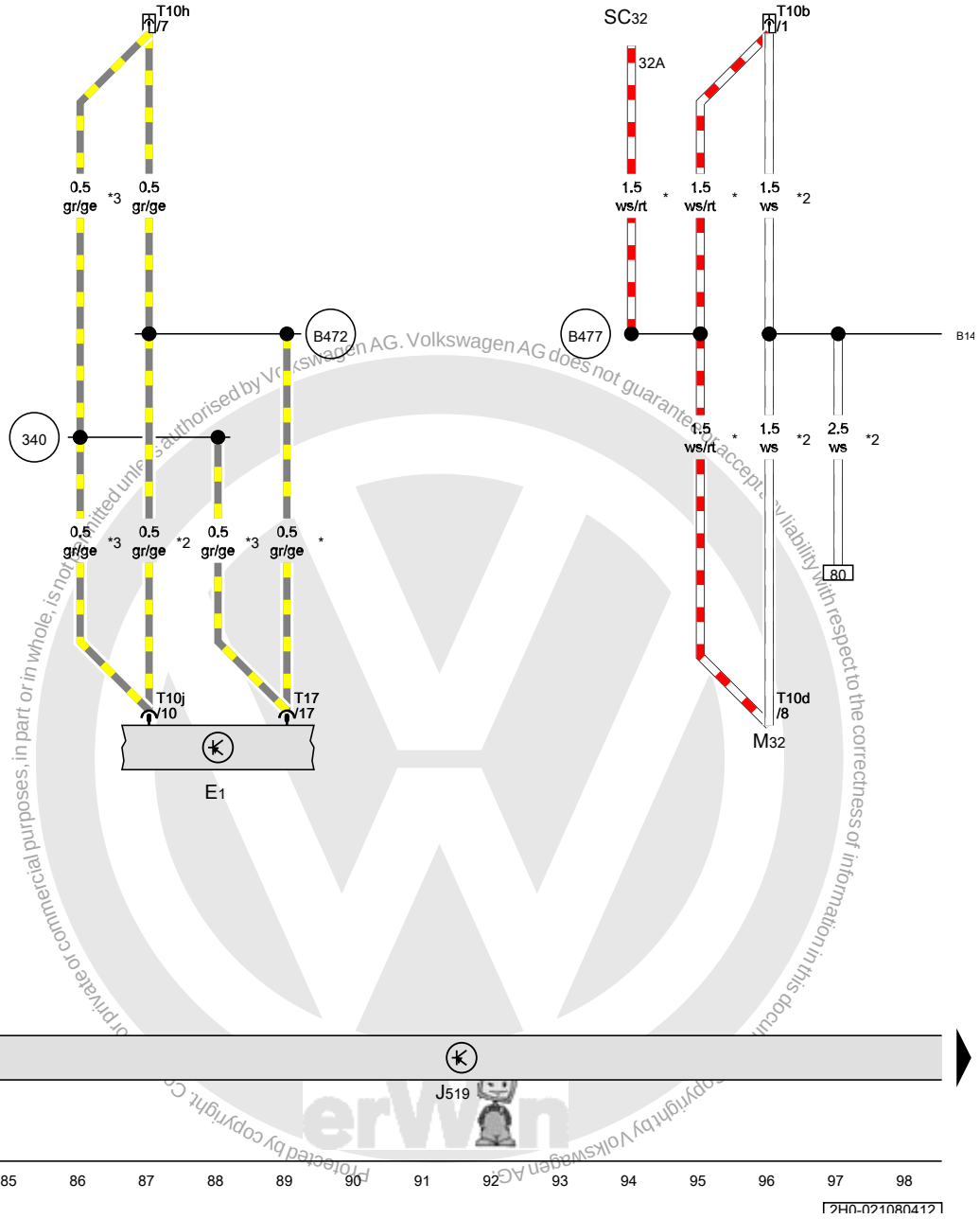
Light switch, Onboard supply control unit, Right headlight main beam bulb, Fuse 32 on fuse holder C



E1	Light switch
J519	Onboard supply control unit
M32	Right headlight main beam bulb
SC32	Fuse 32 on fuse holder C
T10b	10-pin connector, in left footwell, near centre console, yellow
T10d	10-pin connector
T10h	10-pin connector, in left footwell, near centre console, purple
T10j	10-pin connector
T17	17-pin connector
340	Earth connection 2, in injection system wiring harness
B141	Positive connection 1 (56a), in interior wiring harness
B472	Connection 8, in main wiring harness
B477	Connection 13, in main wiring harness
*	Only models with no start/stop system
*2	Only models with start/stop system
*3	From November 2011

ws	=	white
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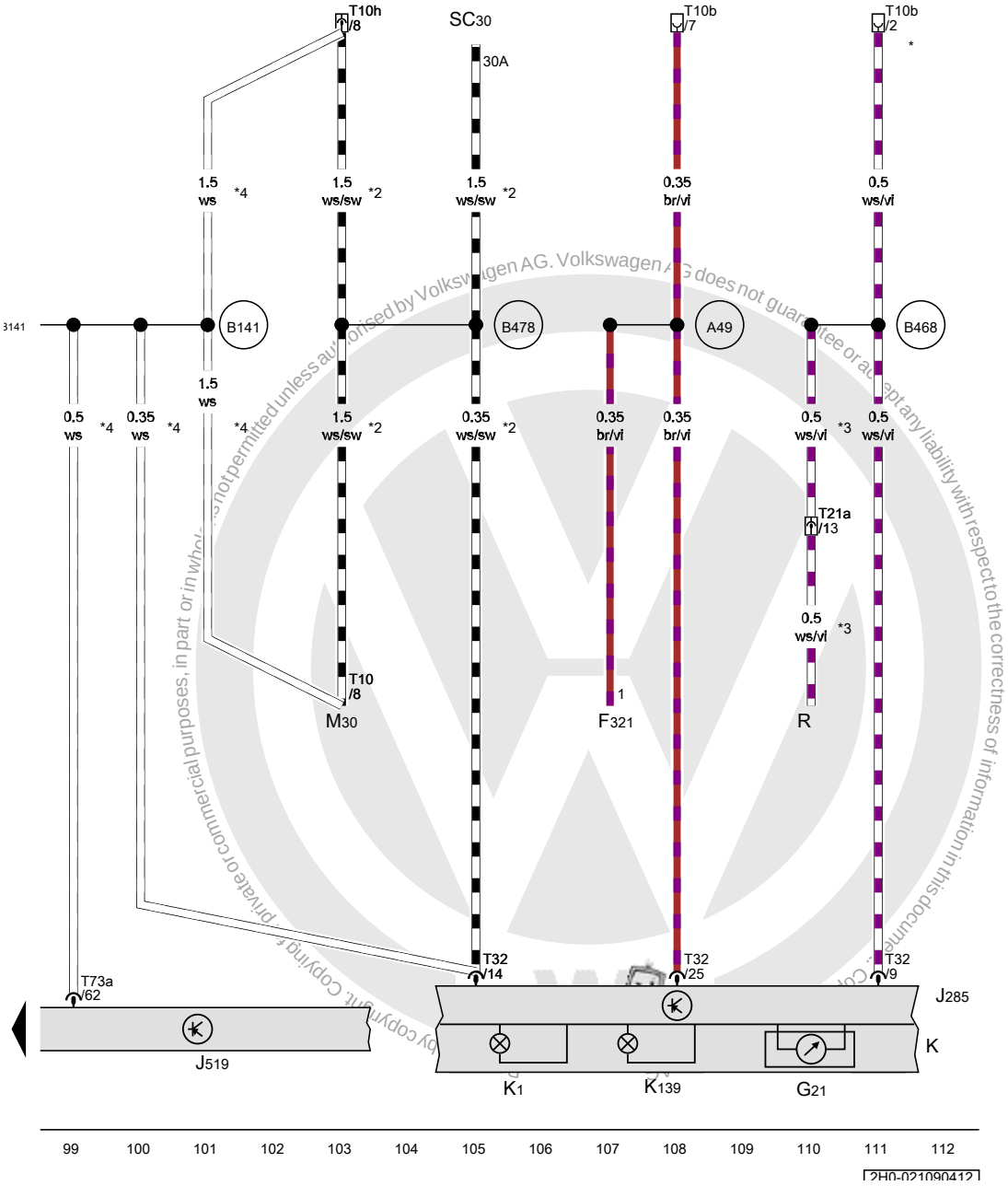

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Parking brake contact switch, Control unit in dash panel insert, Onboard supply control unit, Dash panel insert, Left headlight main beam bulb, Radio, Fuse 30 on fuse holder C

F321	Parking brake contact switch
G21	Speedometer
J285	Control unit in dash panel insert
J519	Onboard supply control unit
K	Dash panel insert
K1	Main beam warning lamp
K139	Handbrake warning lamp
M30	Left headlight main beam bulb
R	Radio
SC30	Fuse 30 on fuse holder C
T10	10-pin connector
T10b	10-pin connector, in left footwell, near centre console, yellow
T10h	10-pin connector, in left footwell, near centre console, purple
T21a	21-pin connector, on relay carrier, brown
T32	32-pin connector, blue
T73a	73-pin connector
A49	Connection 1, in dash panel wiring harness
B141	Positive connection 1 (56a), in interior wiring harness
B468	Connection 4, in main wiring harness
B478	Connection 14, in main wiring harness
*	Speed signal
*2	Only models with no start/stop system
*3	Only models with radio
*4	Only models with start/stop system

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2.0l diesel engine , CDBA

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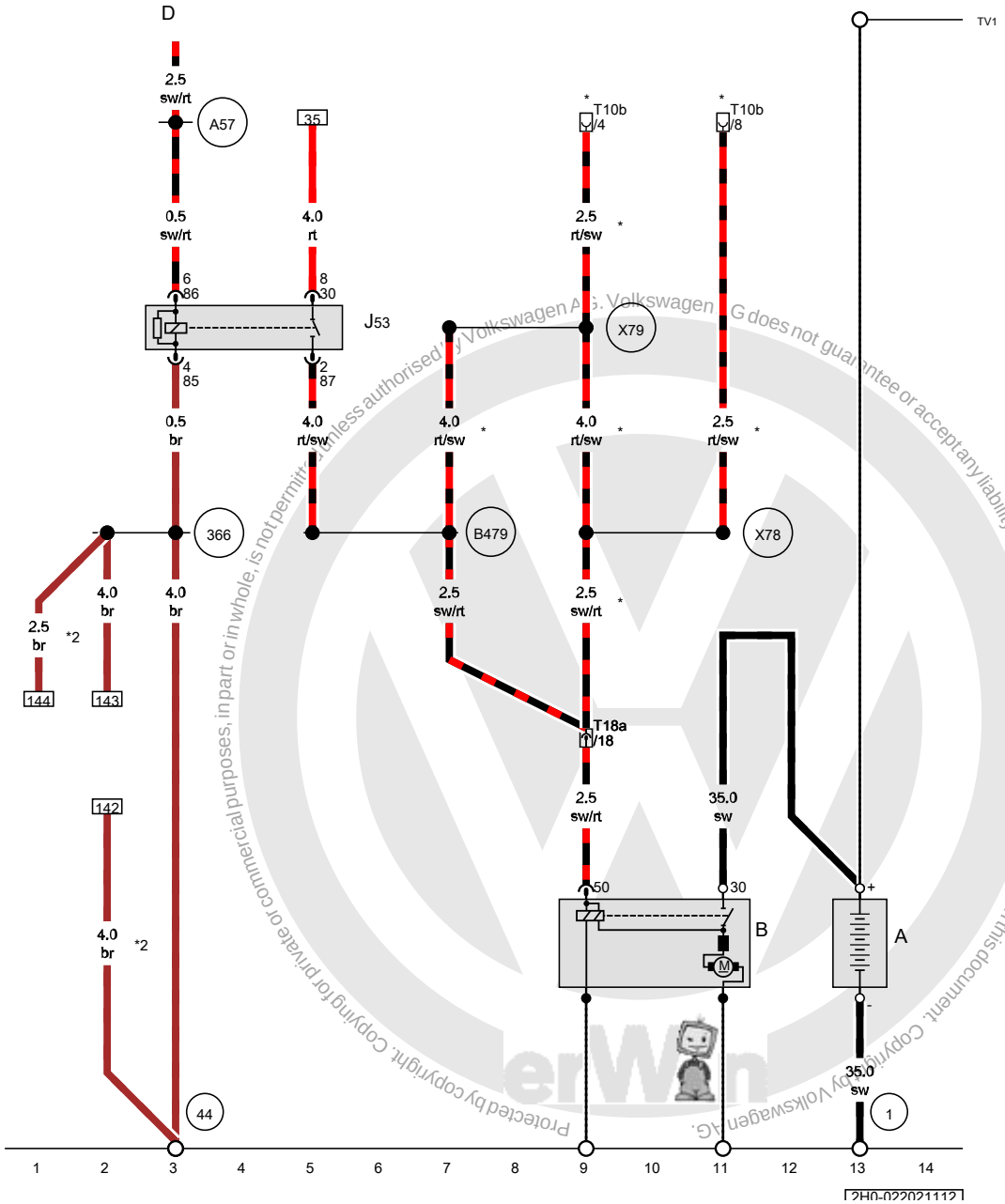

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Battery, Starter, Starter motor relay

A	Battery
B	Starter
D	Ignition/starter switch
J53	Starter motor relay
T10b	10-pin connector, in left footwell, near centre console, yellow
T18a	18-pin connector, near engine control unit, grey
1	Earth strap, battery - body
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
A57	Positive connection 3 (30), in dash panel wiring harness
B479	Connection 15, in main wiring harness
X78	Connection 1, in optional equipment wiring harness
X79	Connection 2, in optional equipment wiring harness
*	Only models with electric interface for external use
*2	From November 2011

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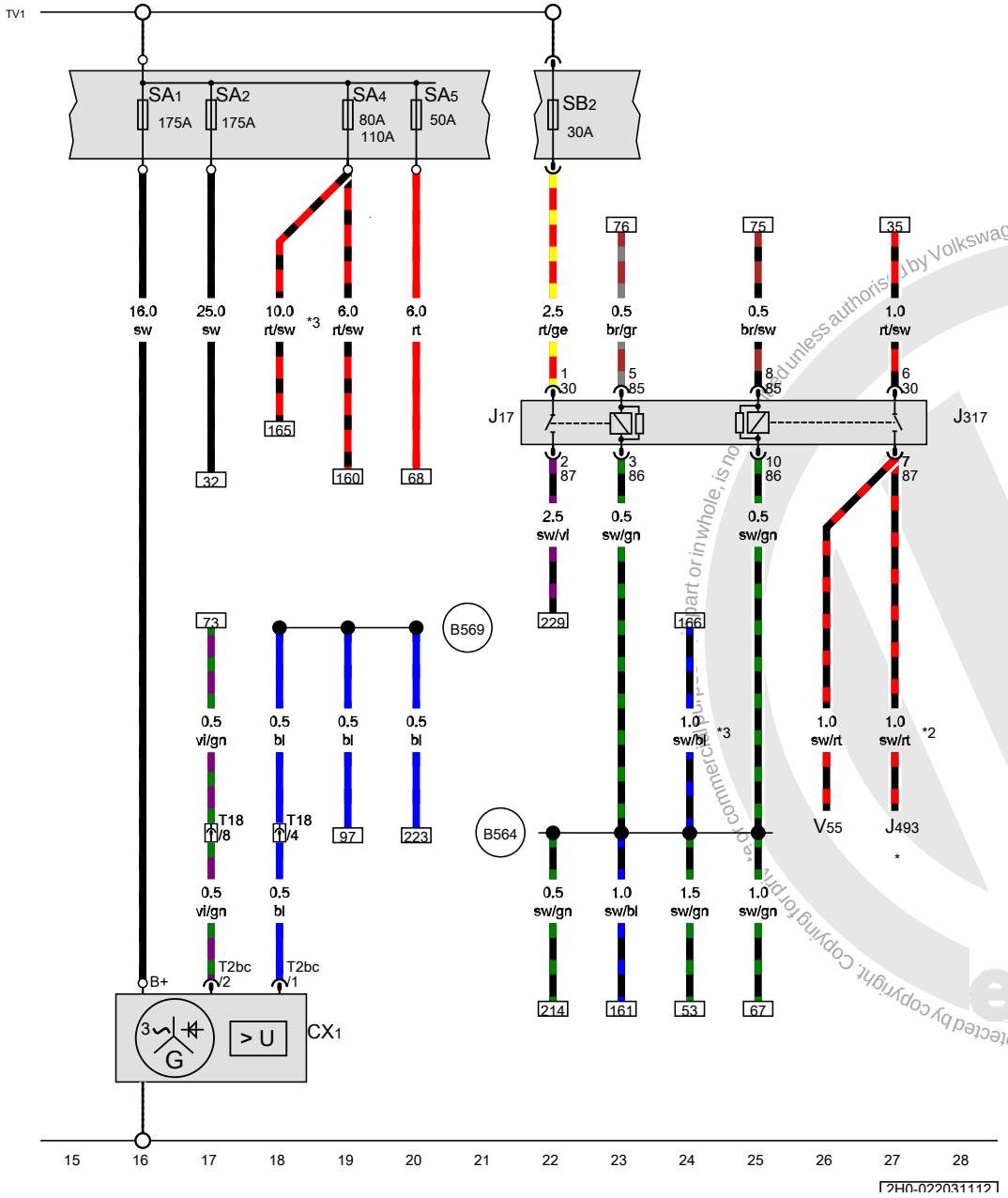

Alternator with voltage regulator, Fuel pump relay, Terminal 30 voltage supply relay, Auxiliary coolant heater relay, Fuse 1 in fuse holder A, Fuse 2 on fuse holder B, Fuse 5 in fuse holder A

CX1	Alternator with voltage regulator
J17	Fuel pump relay
J317	Terminal 30 voltage supply relay, on relay carrier
J493	Auxiliary coolant heater relay
SA1	Fuse 1 in fuse holder A
SB2	Fuse 2 on fuse holder B
SA2	Fuse 2 in fuse holder A
SA4	Fuse 4 in fuse holder A
SA5	Fuse 5 in fuse holder A
T2bc	2-pin connector
T5e	5-pin connector
T18	18-pin connector, near engine control unit, black
V55	Circulation pump
B564	Connection 31, in main wiring harness
B569	Connection 36, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Only models with Climatronic
*3	Only for countries with hot climate

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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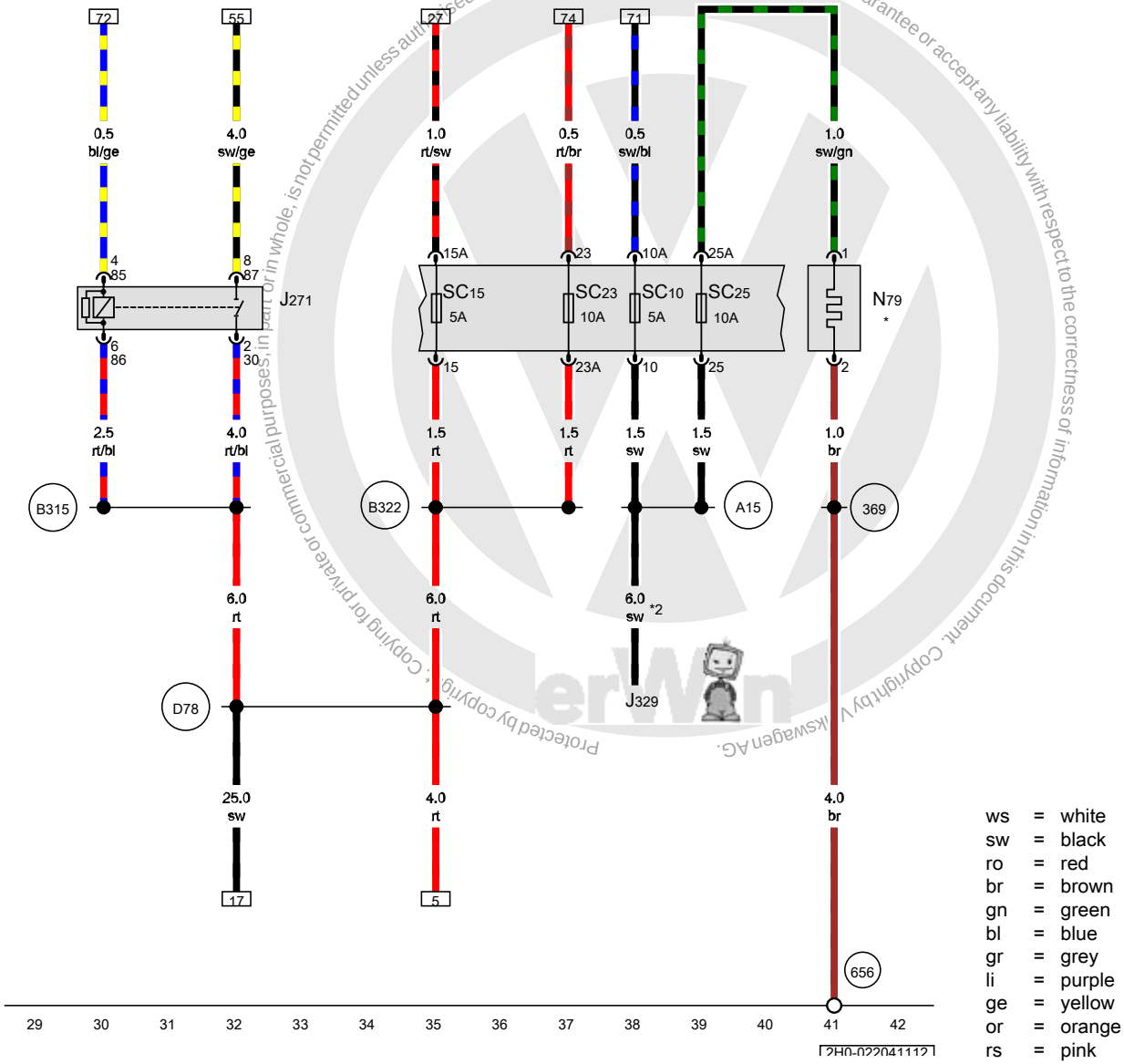
Main relay, Heater element for crankcase breather, Fuse 10 on fuse holder C, Fuse 15 on fuse holder C, Fuse 23 on fuse holder C, Fuse 25 on fuse holder C

J271	Main relay, on relay carrier
J329	Terminal 15 voltage supply relay
N79	Heater element for crankcase breather
SC10	Fuse 10 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC23	Fuse 23 on fuse holder C
SC25	Fuse 25 on fuse holder C
369	Earth connection 4, in main wiring harness
656	Earth point, on right headlight
A15	Positive connection (15), in instrument wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B322	Positive connection 8 (30a) in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
*	Only models with crankcase breather heater element
*2	see applicable current flow diagram for fuse assignment



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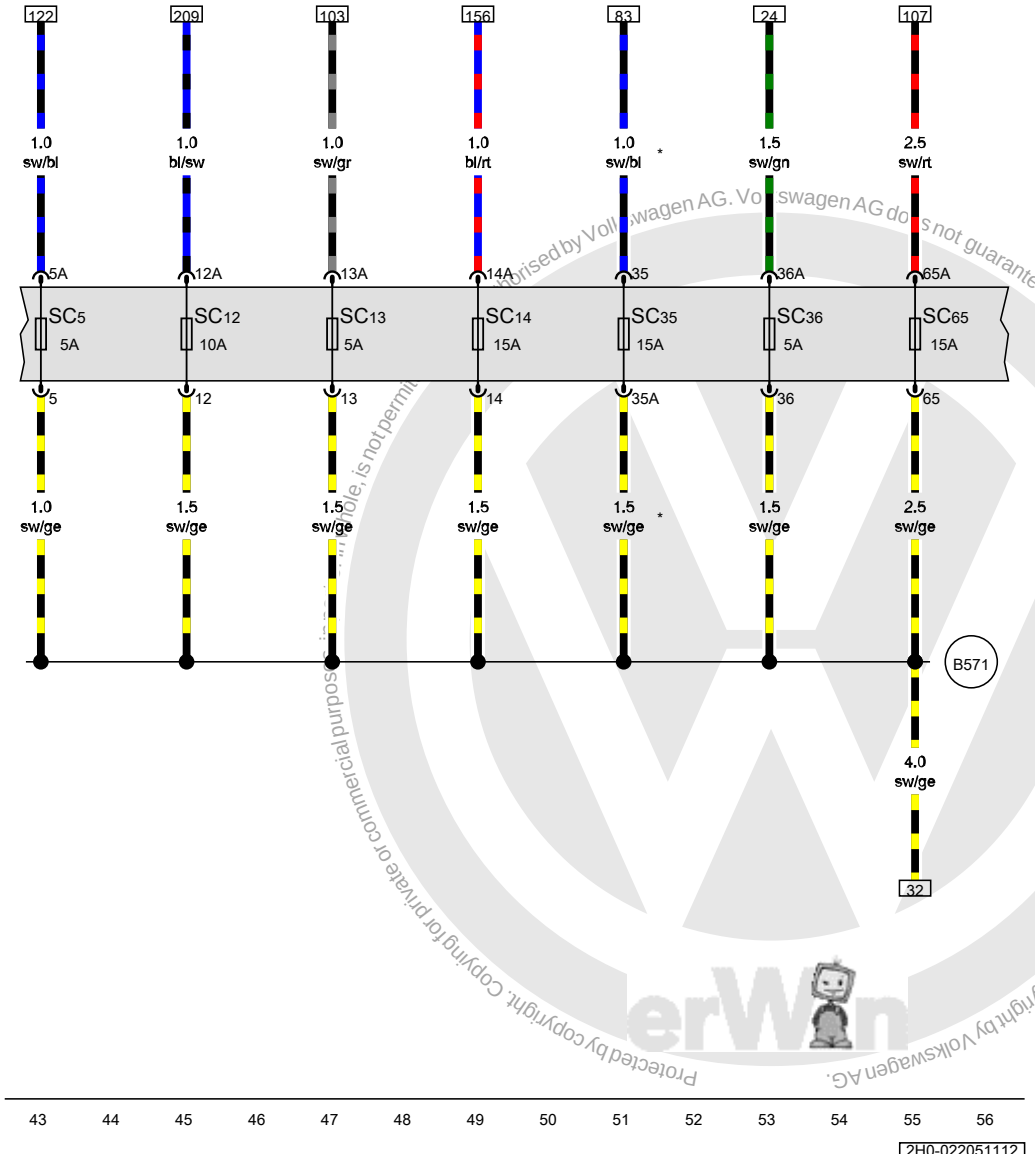

Fuse 5 on fuse holder C, Fuse 12 on fuse holder C, Fuse 13 on fuse holder C, Fuse 14 on fuse holder C, Fuse 35 on fuse holder C, Fuse 36 on fuse holder C, Fuse 65 on fuse holder C

SC5	Fuse 5 on fuse holder C
SC12	Fuse 12 on fuse holder C
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC35	Fuse 35 on fuse holder C
SC36	Fuse 36 on fuse holder C
SC65	Fuse 65 on fuse holder C
B571	Connection 38, in main wiring harness
*	Only models with Euro 5 emission standard

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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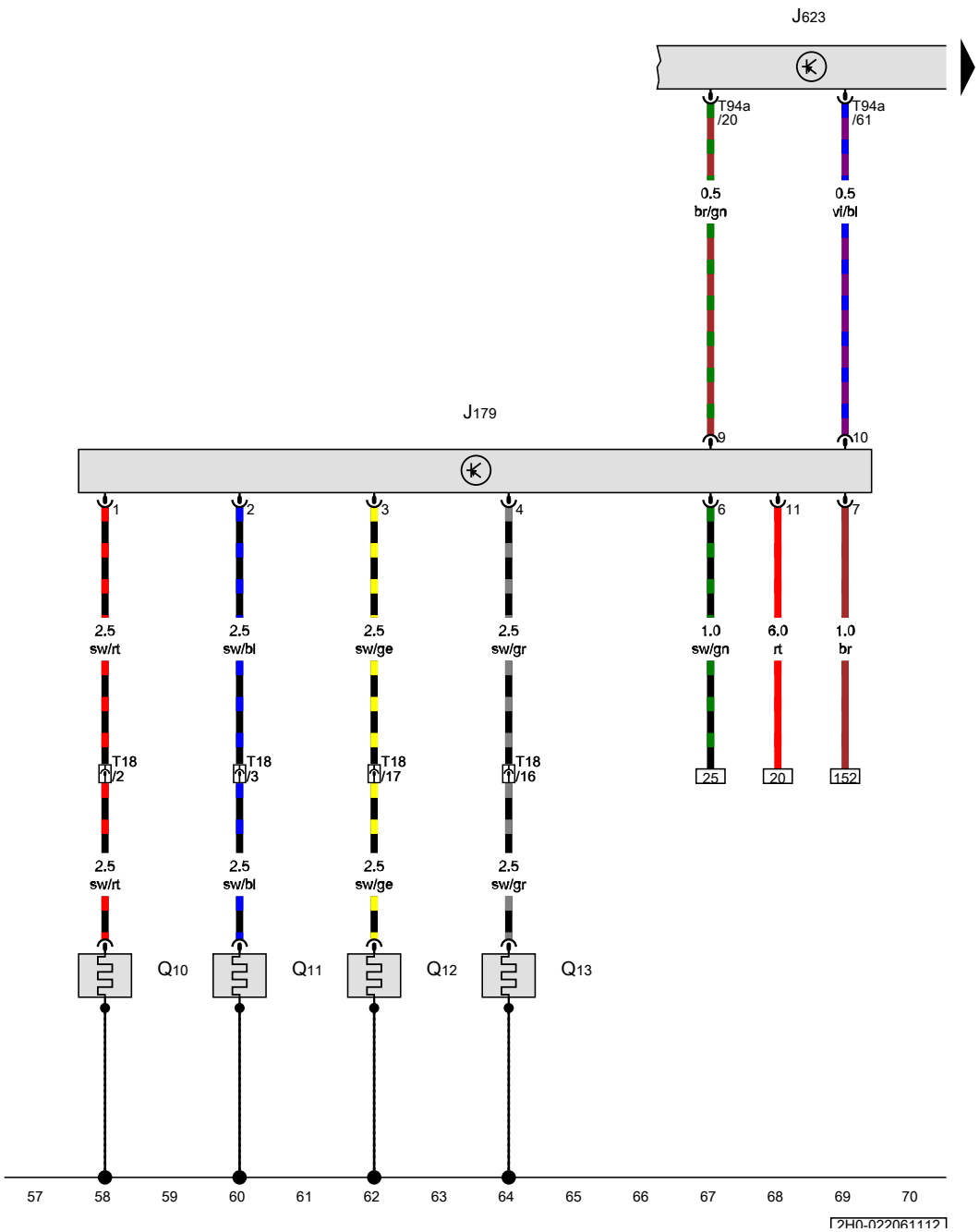

Automatic glow period control unit, Engine control unit, Glow plug 1, Glow plug 2, Glow plug 3, Glow plug 4

J179	Automatic glow period control unit
J623	Engine control unit
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
T18	18-pin connector, near engine control unit, black
T94a	94-pin connector, black

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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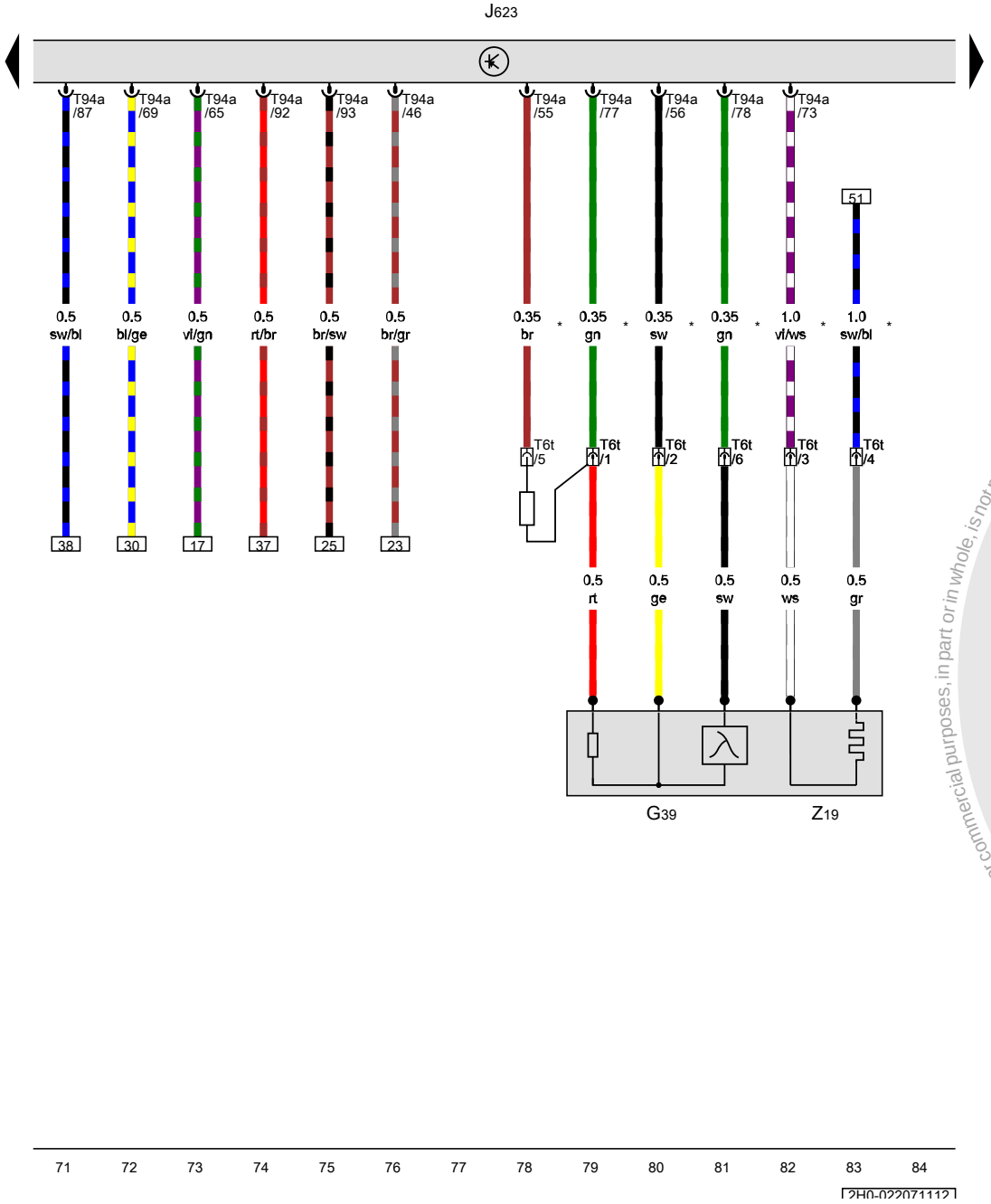

Lambda probe, Engine control unit

G39	Lambda probe
J623	Engine control unit
T6t	6-pin connector, front right in engine compartment, black
T94a	94-pin connector, black
Z19	Lambda probe heater
*	Only models with Euro 5 emission standard

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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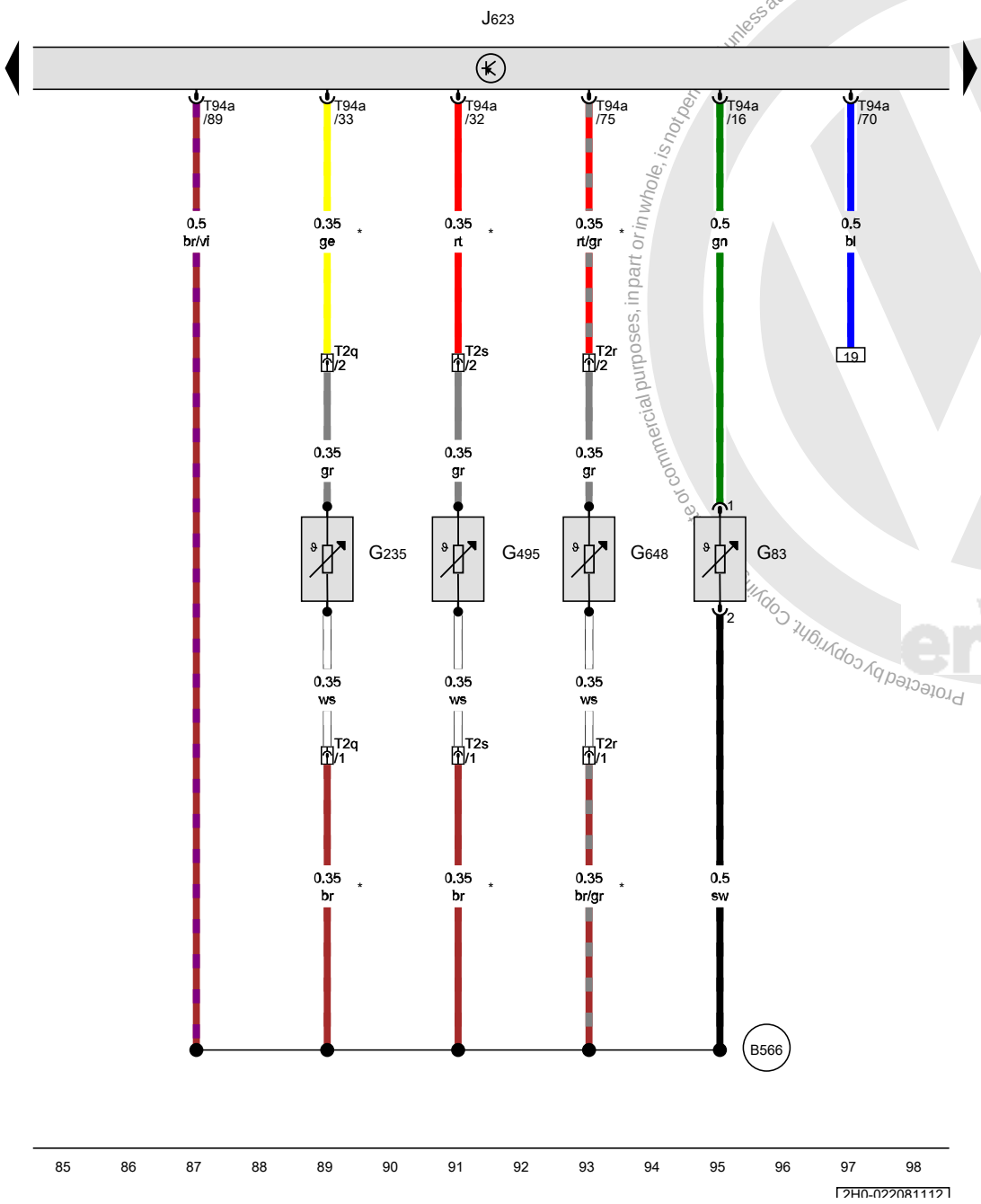

Radiator outlet coolant temperature sender, Exhaust gas temperature sender 1, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Engine control unit

G83	Radiator outlet coolant temperature sender
G235	Exhaust gas temperature sender 1
G495	Exhaust gas temperature sender 3
G648	Exhaust gas temperature sender 4
J623	Engine control unit
T2q	2-pin connector, in front right wheel housing, black
T2r	2-pin connector, in front right wheel housing, orange
T2s	2-pin connector, in front right wheel housing, brown
T94a	94-pin connector, black
B566	Connection 33, in main wiring harness
*	Only models with Euro 5 emission standard

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
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rs	=	pink

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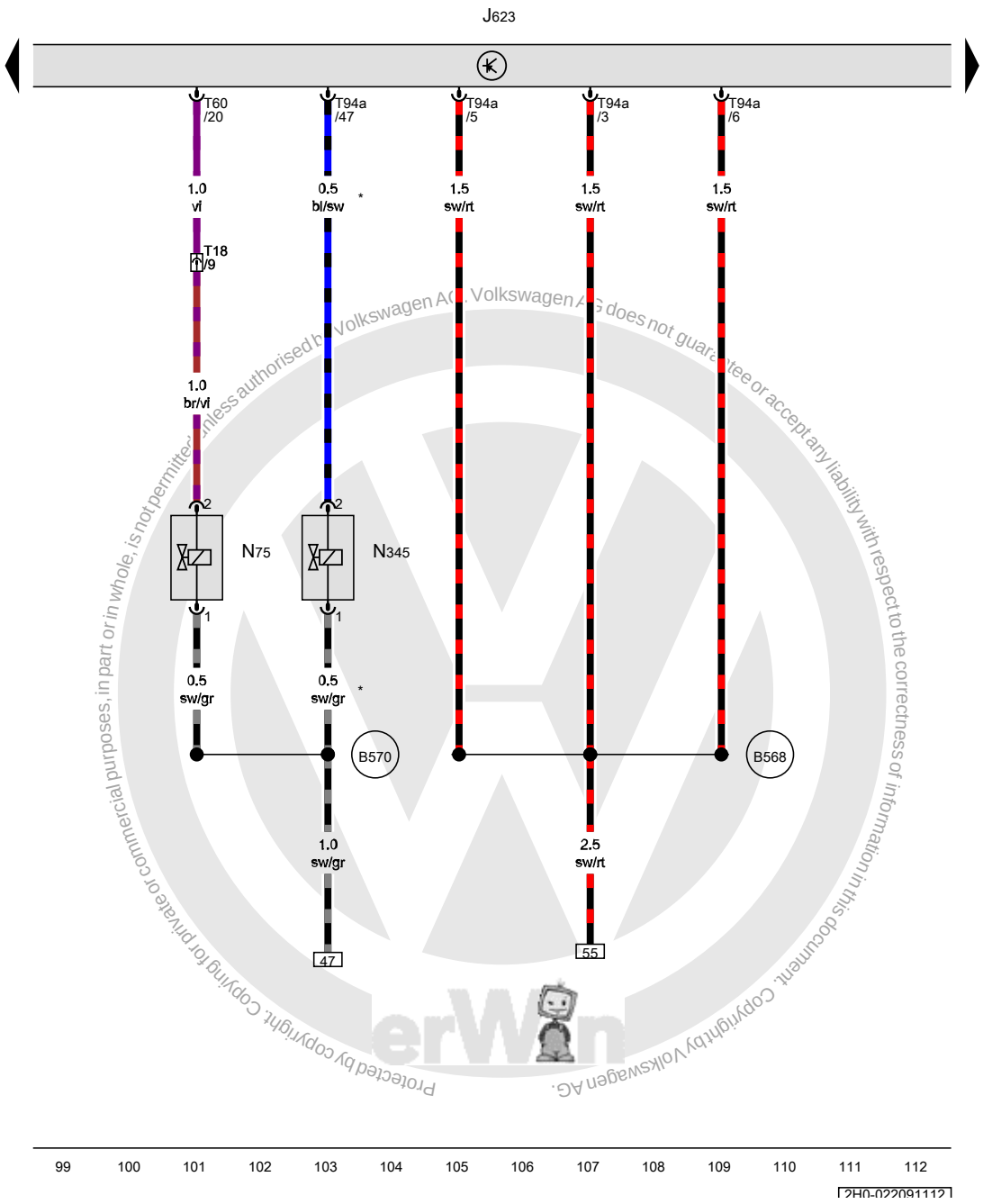

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Engine control unit, Charge pressure control solenoid valve, Exhaust gas recirculation cooler changeover valve

J623	Engine control unit
N75	Charge pressure control solenoid valve
N345	Exhaust gas recirculation cooler changeover valve
T18	18-pin connector, near engine control unit, black
T60	60-pin connector, black
T94a	94-pin connector, black
B568	Connection 35, in main wiring harness
B570	Connection 37, in main wiring harness
*	Only models with Euro 5 emission standard

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
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or	=	orange
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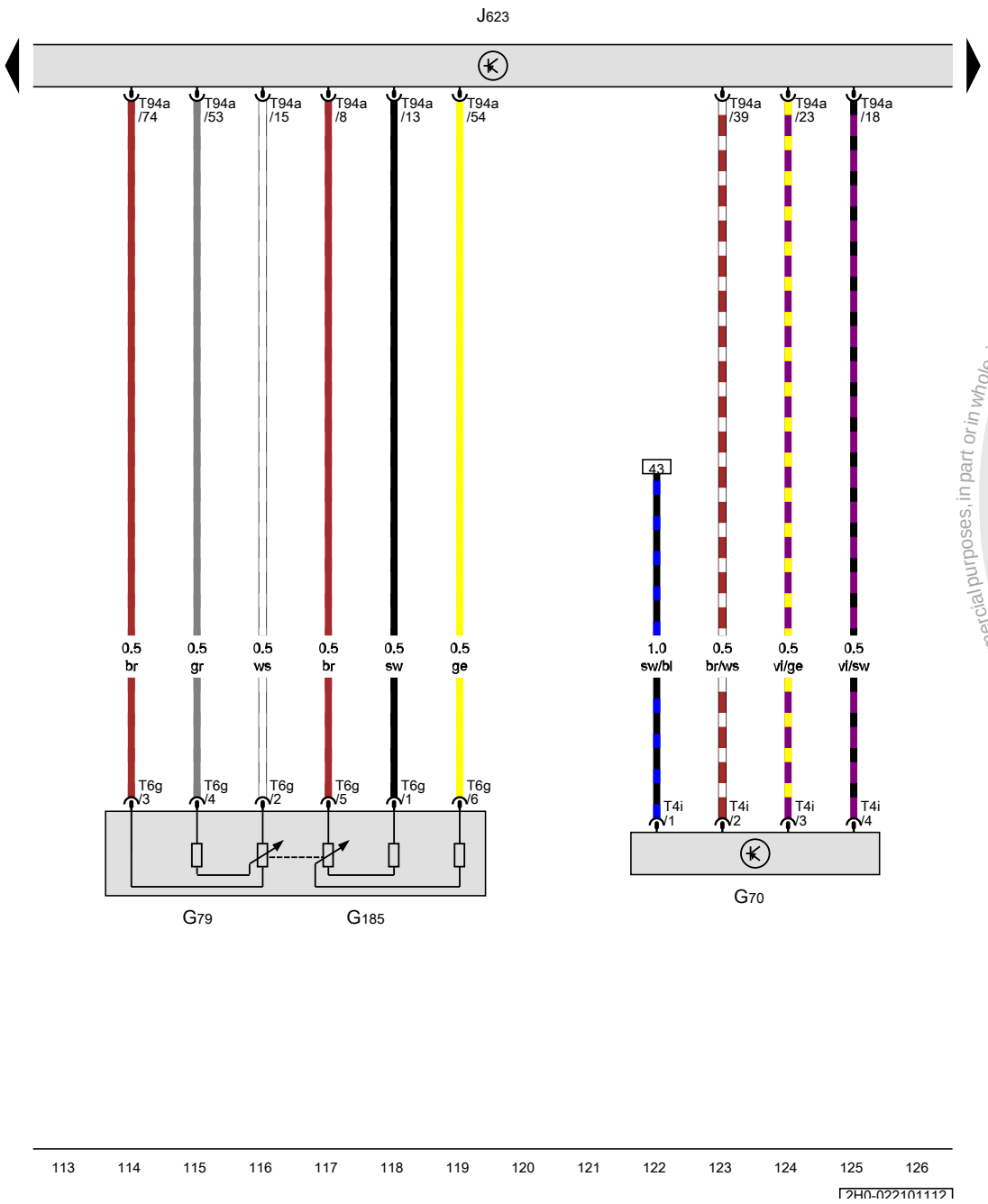

Air mass meter, Accelerator position sender, Accelerator position sender 2, Engine control unit

G70	Air mass meter
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
T4i	4-pin connector, black
T6g	6-pin connector
T94a	94-pin connector, black

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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ge	=	yellow
or	=	orange
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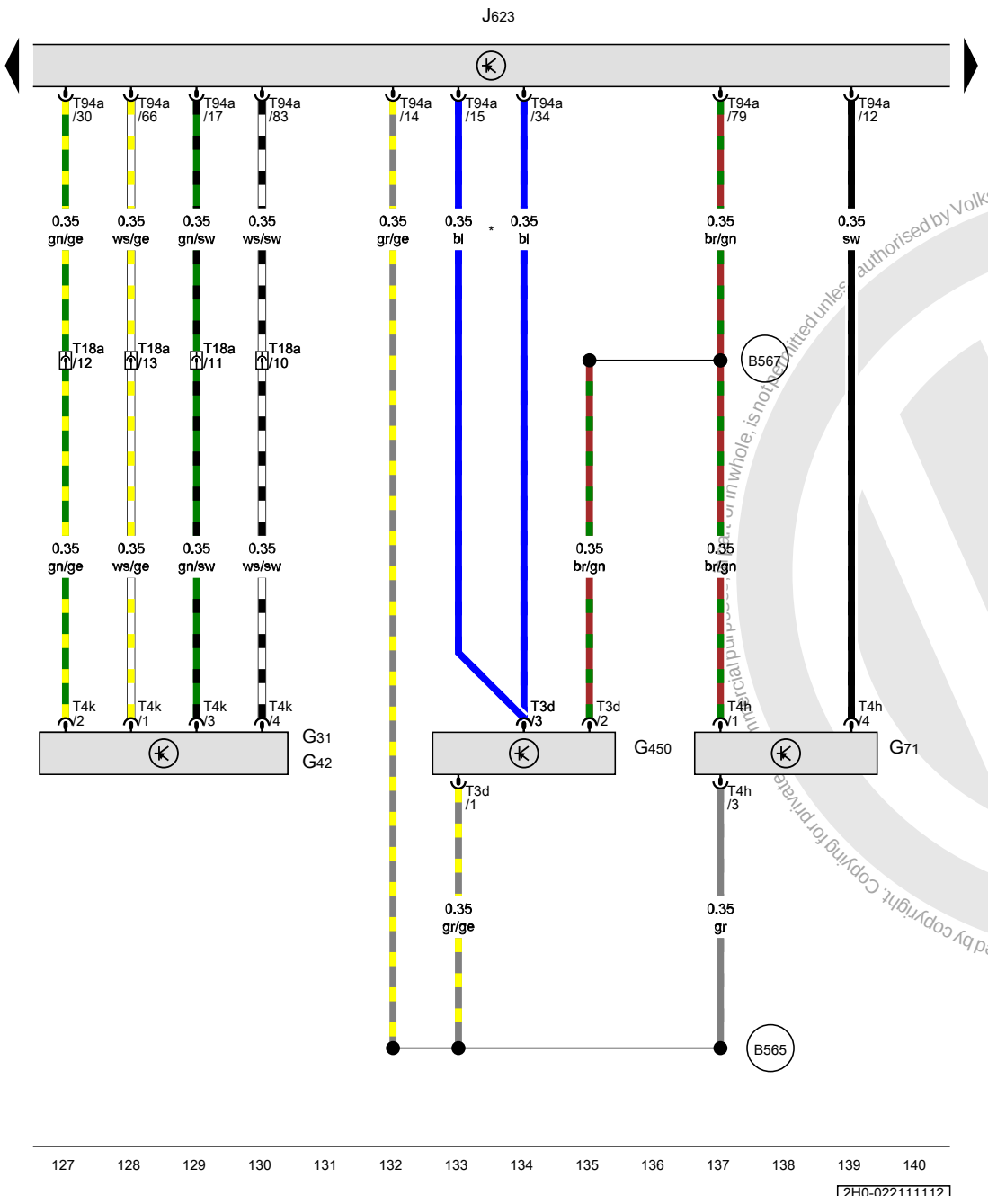

Charge pressure sender, Intake air temperature sender, Intake manifold pressure sender, Exhaust gas pressure sensor 1, Engine control unit

G31	Charge pressure sender
G42	Intake air temperature sender
G71	Intake manifold pressure sender
G450	Exhaust gas pressure sensor 1
J623	Engine control unit
T3d	3-pin connector, black
T4h	4-pin connector
T4k	4-pin connector, black
T18a	18-pin connector, near engine control unit, grey
T94a	94-pin connector, black
B565	Connection 32, in main wiring harness
B567	Connection 34, in main wiring harness
*	Only models with Euro 3 emission standard

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
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or	=	orange
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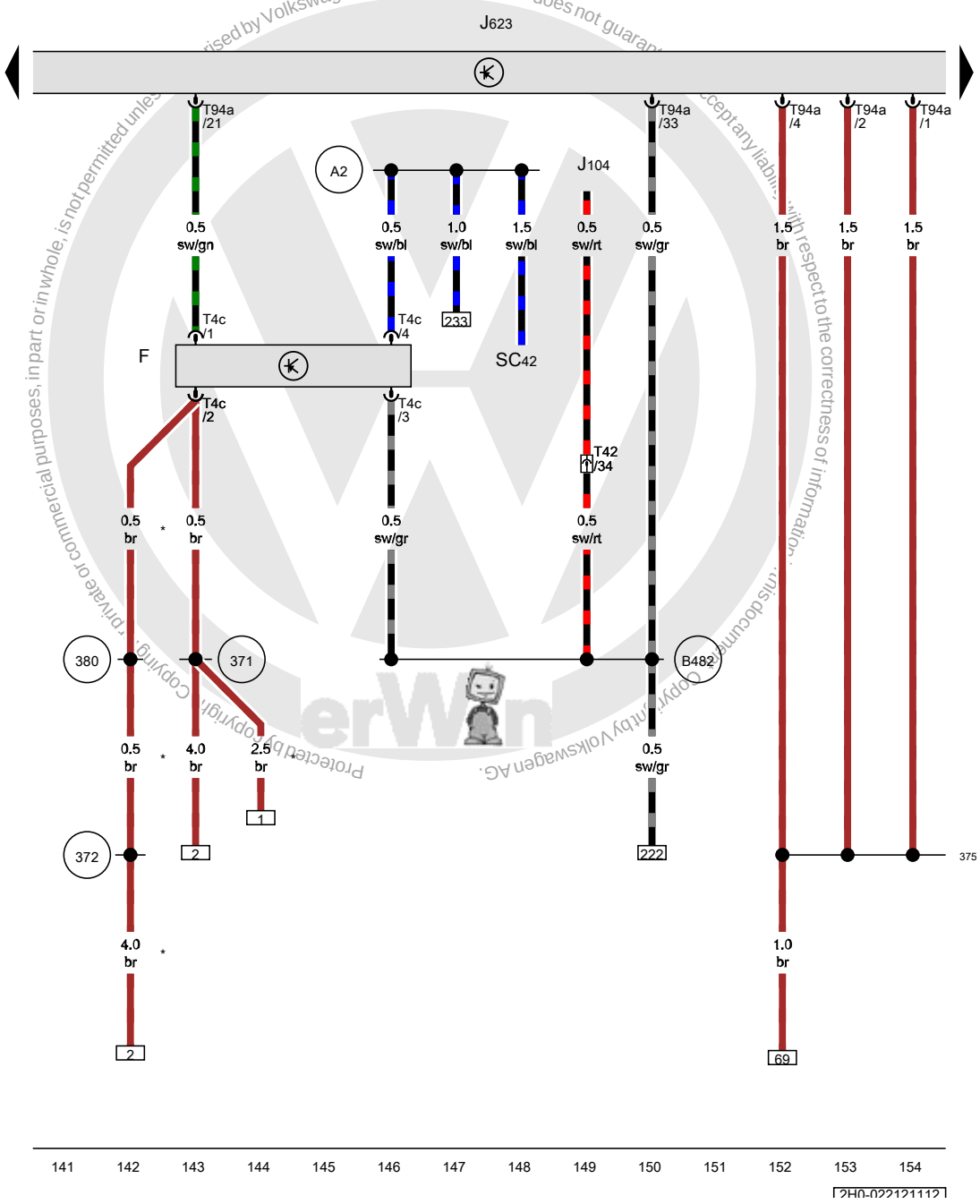

Brake light switch, Engine control unit

F	Brake light switch
J104	ABS control unit
J623	Engine control unit
SC42	Fuse 42 on fuse holder C
T4c	4-pin connector
T42	42-pin connector, near handbrake lever, black
T94a	94-pin connector, black
371	Earth connection 6, in main wiring harness
372	Earth connection 7, in main wiring harness
375	Earth connection 10, in main wiring harness
380	Earth connection 15, in main wiring harness
A2	Positive connection (15), in dash panel wiring harness
B482	Connection 18, in main wiring harness
*	From November 2011

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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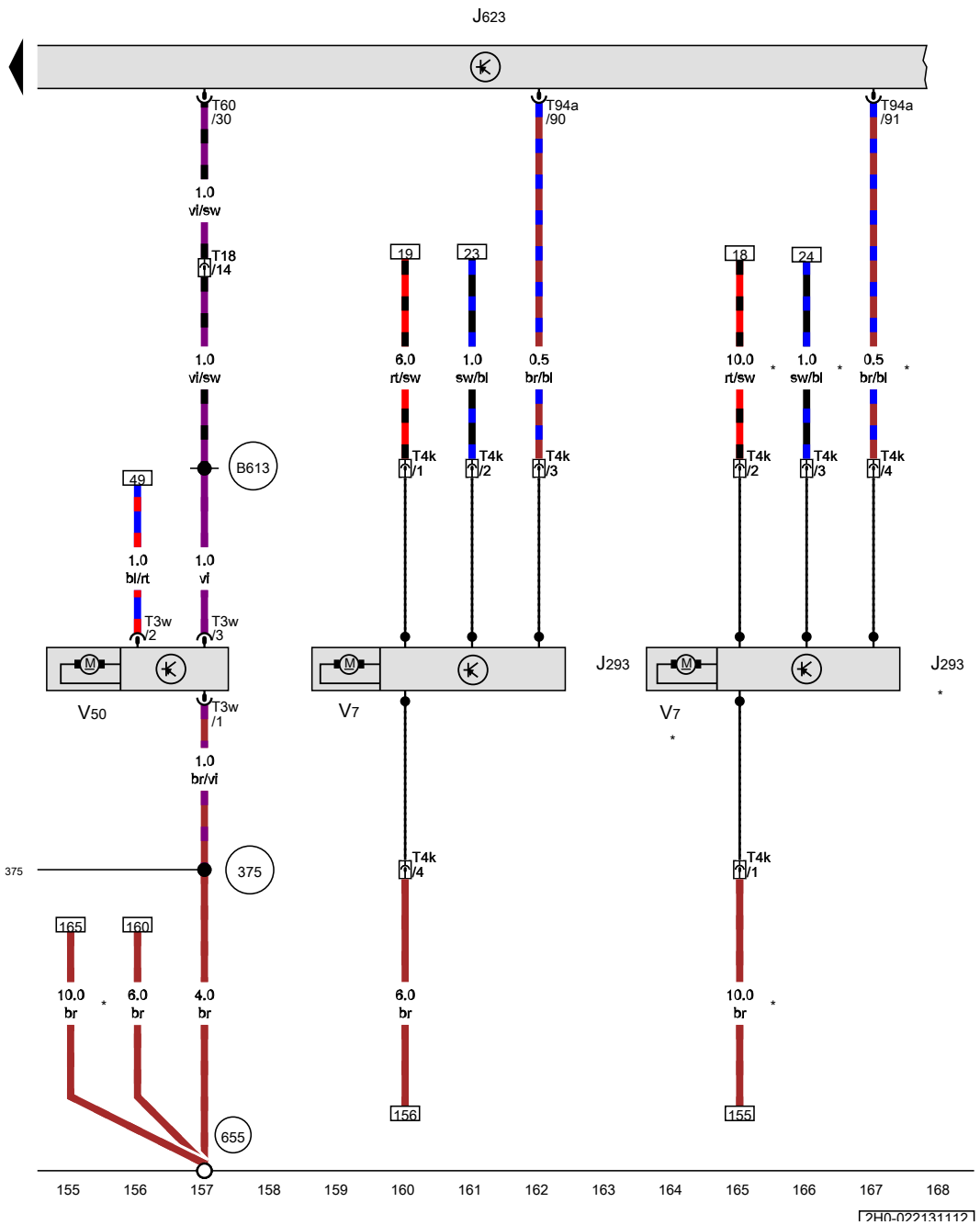

Radiator fan control unit, Engine control unit, Radiator fan, Coolant circulation pump

J293	Radiator fan control unit
J623	Engine control unit
T3w	3-pin connector, black
T4k	4-pin connector, on radiator cowling, black
T18	18-pin connector, near engine control unit, black
T60	60-pin connector, black
T94a	94-pin connector, black
V7	Radiator fan
V50	Coolant circulation pump
375	Earth connection 10, in main wiring harness
655	Earth point, on left headlight
B613	Connection 41, in main wiring harness
*	Only for countries with hot climate

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
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gr	=	grey
li	=	purple
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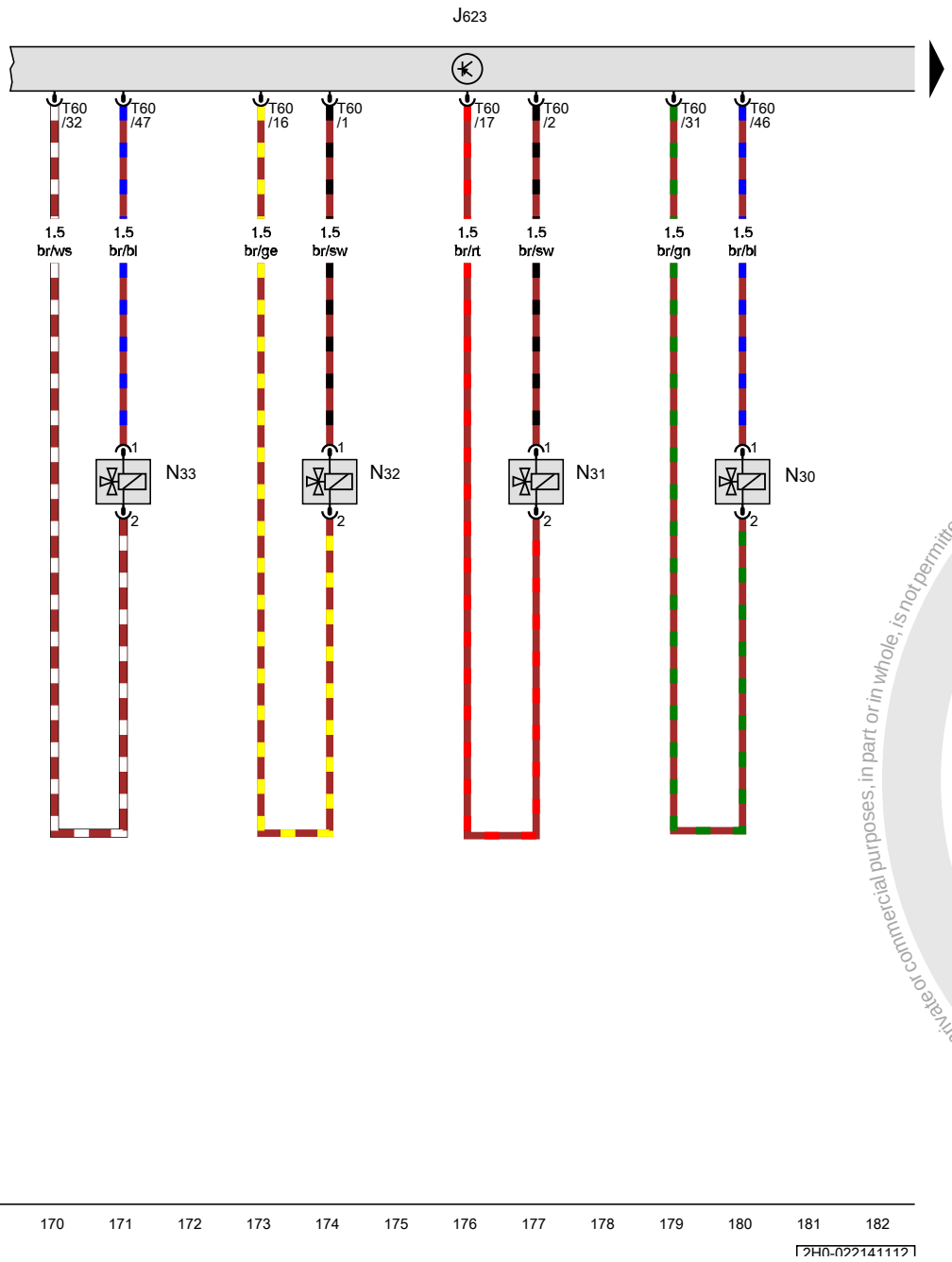
Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T60	60-pin connector



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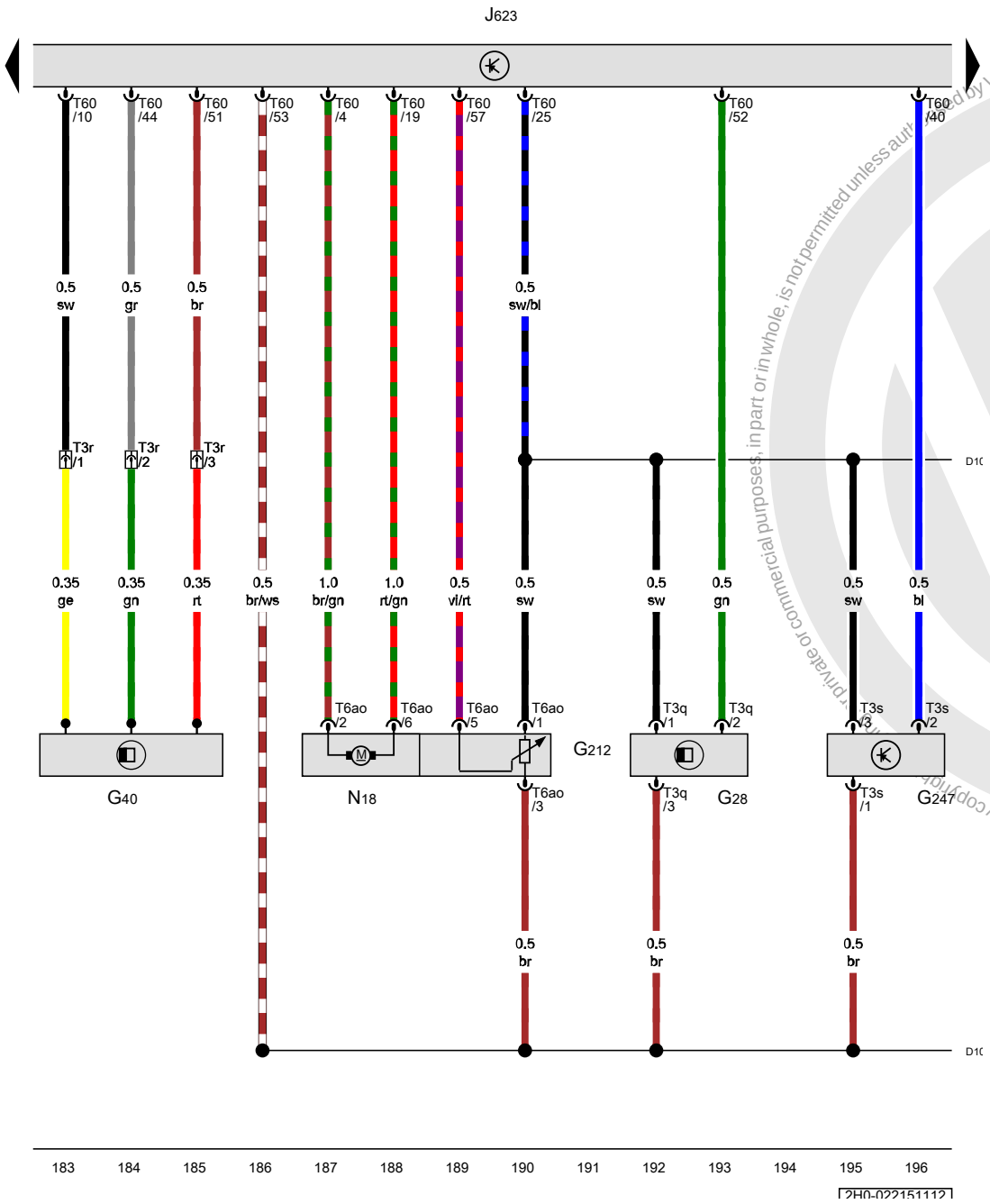

Hall sender, Exhaust gas recirculation potentiometer, Fuel pressure sender, Engine control unit, Exhaust gas recirculation valve

G28	Engine speed sender
G40	Hall sender
G212	Exhaust gas recirculation potentiometer
G247	Fuel pressure sender
J623	Engine control unit
N18	Exhaust gas recirculation valve
T3q	3-pin connector
T3r	3-pin connector, on front of engine, black
T3s	3-pin connector
T6ao	6-pin connector
T60	60-pin connector
D101	Connection 1 in engine compartment wiring harness
D103	Connection 3 in engine compartment wiring harness

ws	=	white
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gn	=	green
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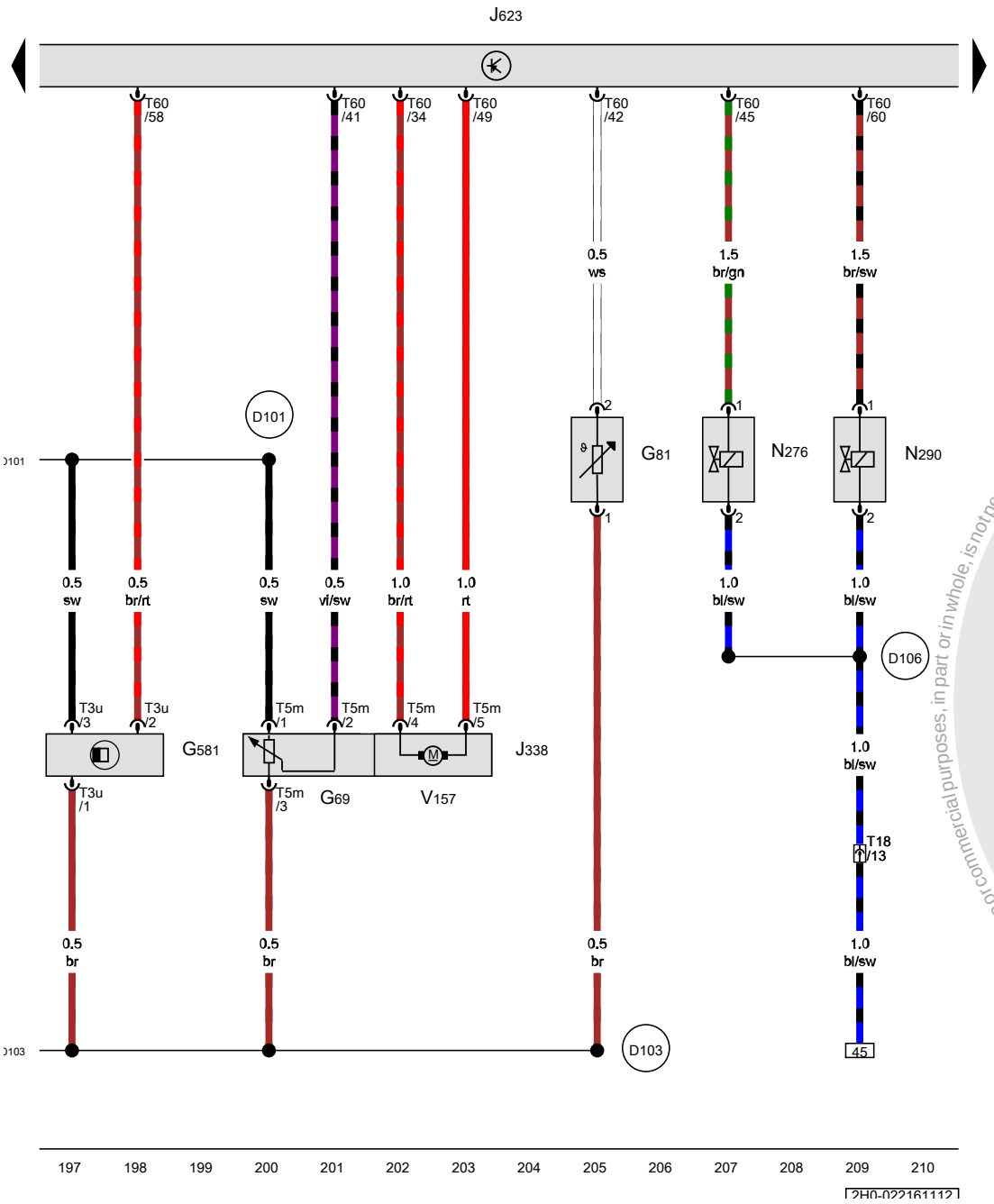

Throttle valve potentiometer, Fuel temperature sender, Position sender for charge pressure positioner, Throttle valve module, Engine control unit, Fuel pressure regulating valve, Fuel metering valve, Intake manifold flap motor

G69	Throttle valve potentiometer
G81	Fuel temperature sender
G581	Position sender for charge pressure positioner
J338	Throttle valve module
J623	Engine control unit
N276	Fuel pressure regulating valve
N290	Fuel metering valve
T3u	3-pin connector
T5m	5-pin connector
T18	18-pin connector, near engine control unit, black
T60	60-pin connector
V157	Intake manifold flap motor
D101	Connection 1 in engine compartment wiring harness
D103	Connection 3 in engine compartment wiring harness
D106	Connection 4 in engine compartment wiring harness

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ro	=	red
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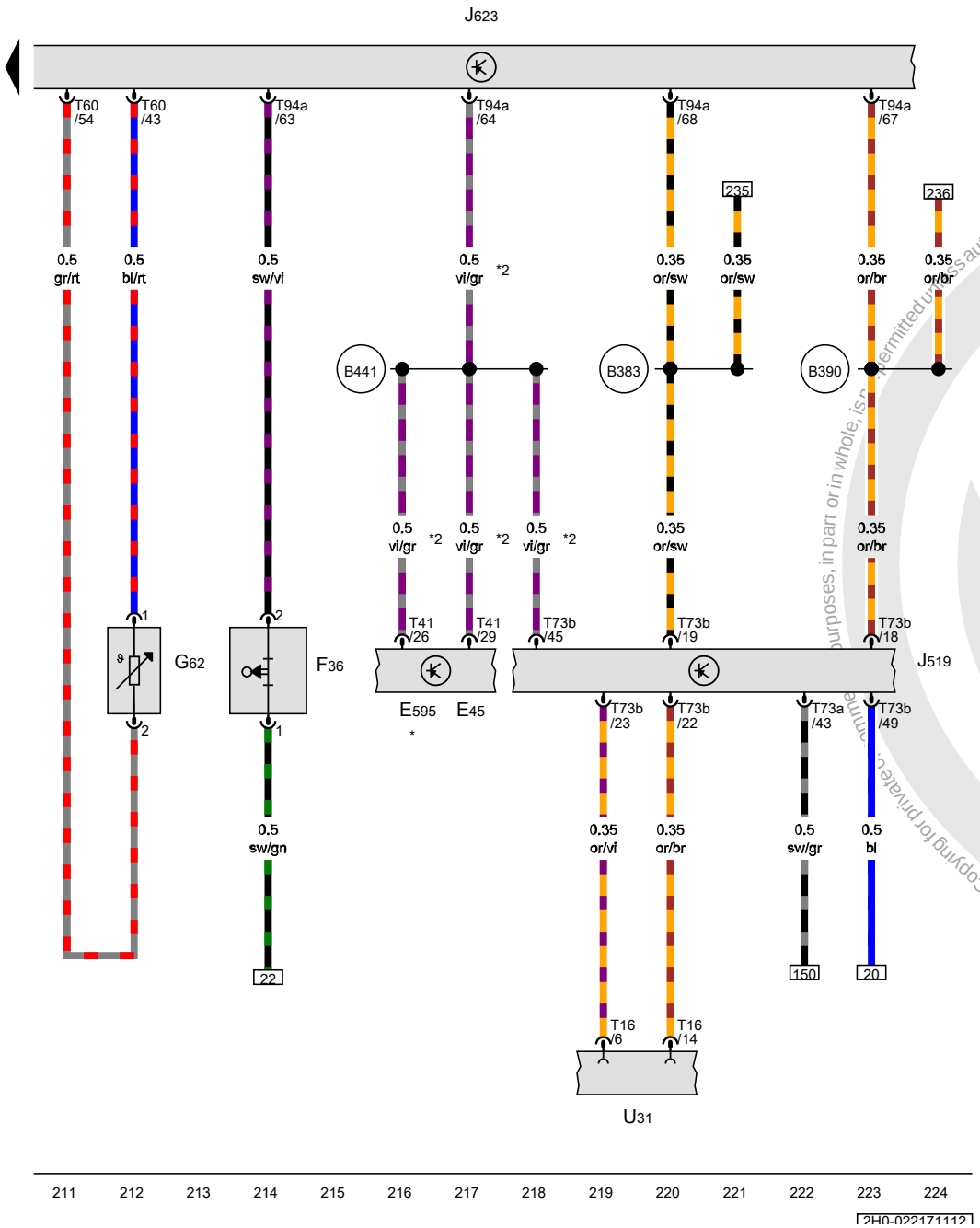

Cruise control system switch, Steering column combination switch, Coolant temperature sender, Onboard supply control unit, Engine control unit

E45	Cruise control system switch
E595	Steering column combination switch
F36	Clutch pedal switch
G62	Coolant temperature sender
J519	Onboard supply control unit
J623	Engine control unit
T16	16-pin connector, black
T41	41-pin connector
T60	60-pin connector
T73a	73-pin connector
T73b	73-pin connector
T94a	94-pin connector
U31	Diagnostic connection
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B441	Connection (CCS), in main wiring harness
*	see applicable current flow diagram for basic equipment
*2	Only models with cruise control system (CCS)

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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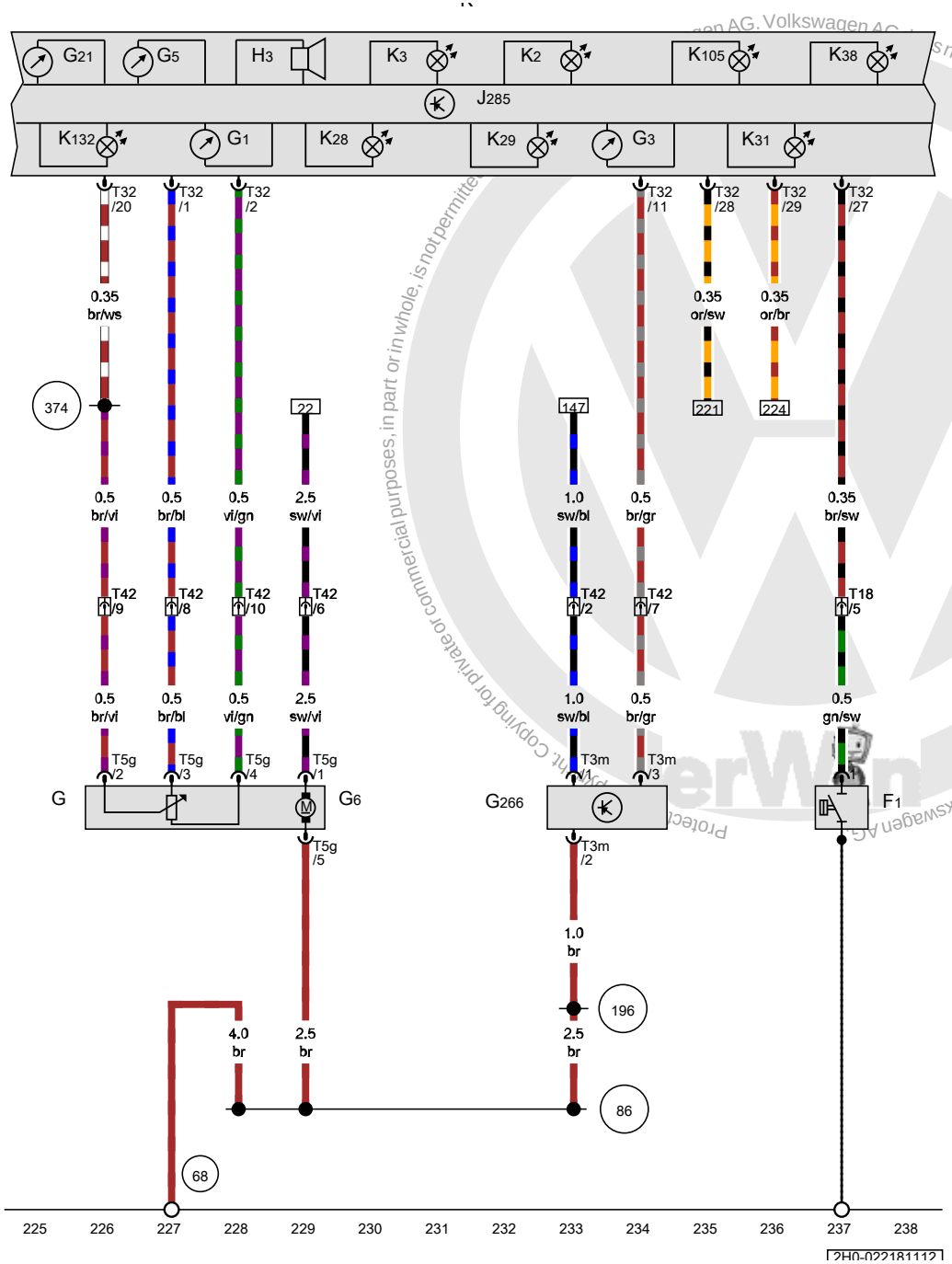

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
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Oil level and oil temperature sender, Dash panel insert

F1	Oil pressure switch
G	Fuel gauge sender
G1	Fuel gauge
G3	Coolant temperature gauge
G5	Rev. counter
G6	Fuel system pressurisation pump
G21	Speedometer
G266	Oil level and oil temperature sender
H3	Buzzer and gong
J285	Control unit in dash panel insert
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K29	Glow period warning lamp
K31	Cruise control system warning lamp
K38	Oil level warning lamp
K105	Reserve fuel warning lamp
K132	Electronic power control fault lamp
T3m	3-pin connector
T5g	5-pin connector
T18	18-pin connector, near engine control unit, black
T32	32-pin connector
T42	42-pin connector, near handbrake lever, black
68	Earth point, on left of rear cross member
86	Earth connection 1, in rear wiring harness
196	Earth connection 3, in rear wiring harness
374	Earth connection 9, in main wiring harness

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2.0l diesel engine , CDCA

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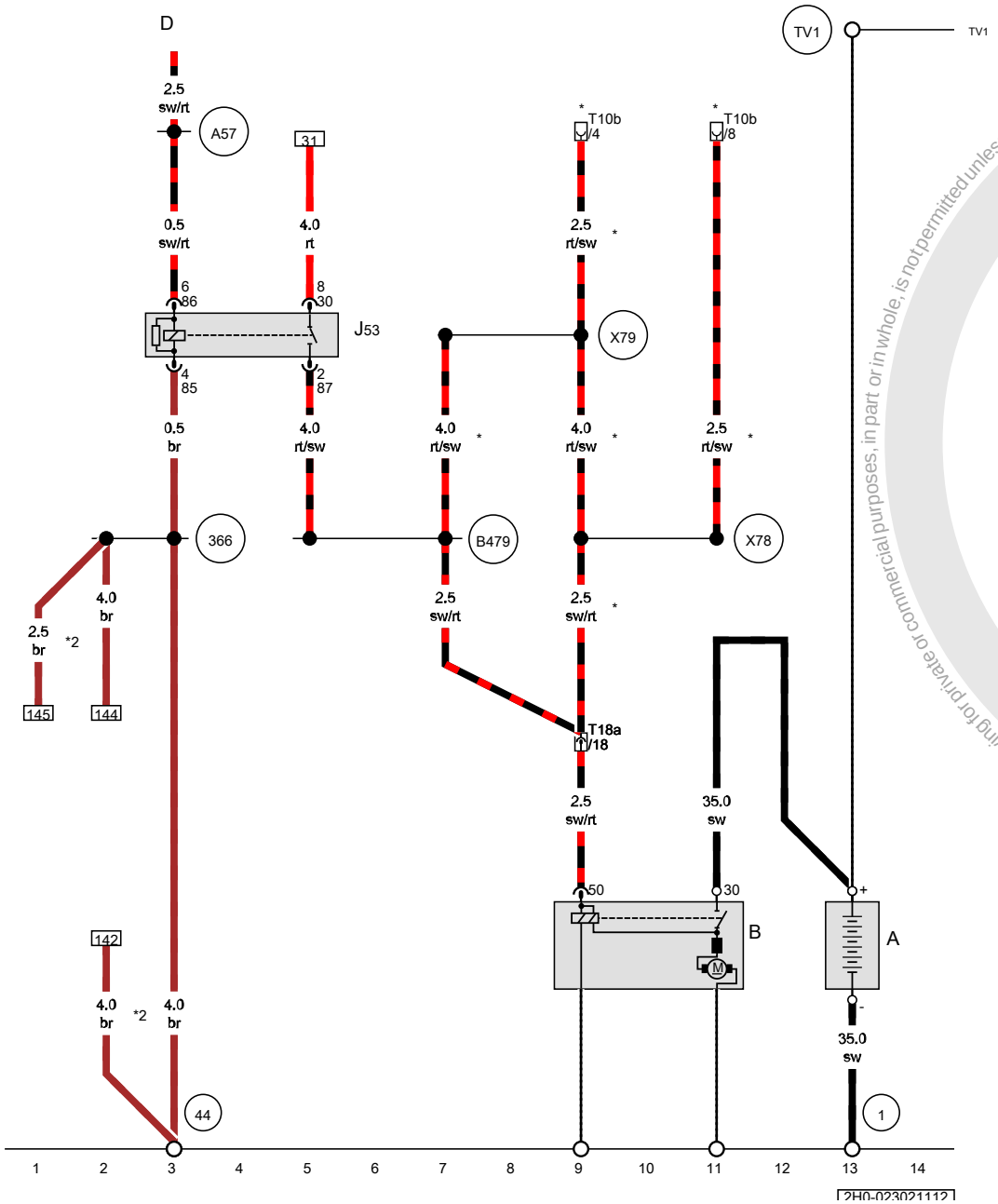

Battery, Starter, Starter motor relay

A	Battery
B	Starter
D	Ignition/starter switch
J53	Starter motor relay
T10b	10-pin connector, in left footwell, near centre console, yellow
T18a	18-pin connector, near engine control unit, grey
1	Earth strap, battery - body
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
A57	Positive connection 3 (30), in dash panel wiring harness
B479	Connection 15, in main wiring harness
TV1	Wiring junction
X78	Connection 1, in optional equipment wiring harness
X79	Connection 2, in optional equipment wiring harness
*	Only models with electric interface for external use
*2	From November 2011

ws	=	white
sw	=	black
ro	=	red
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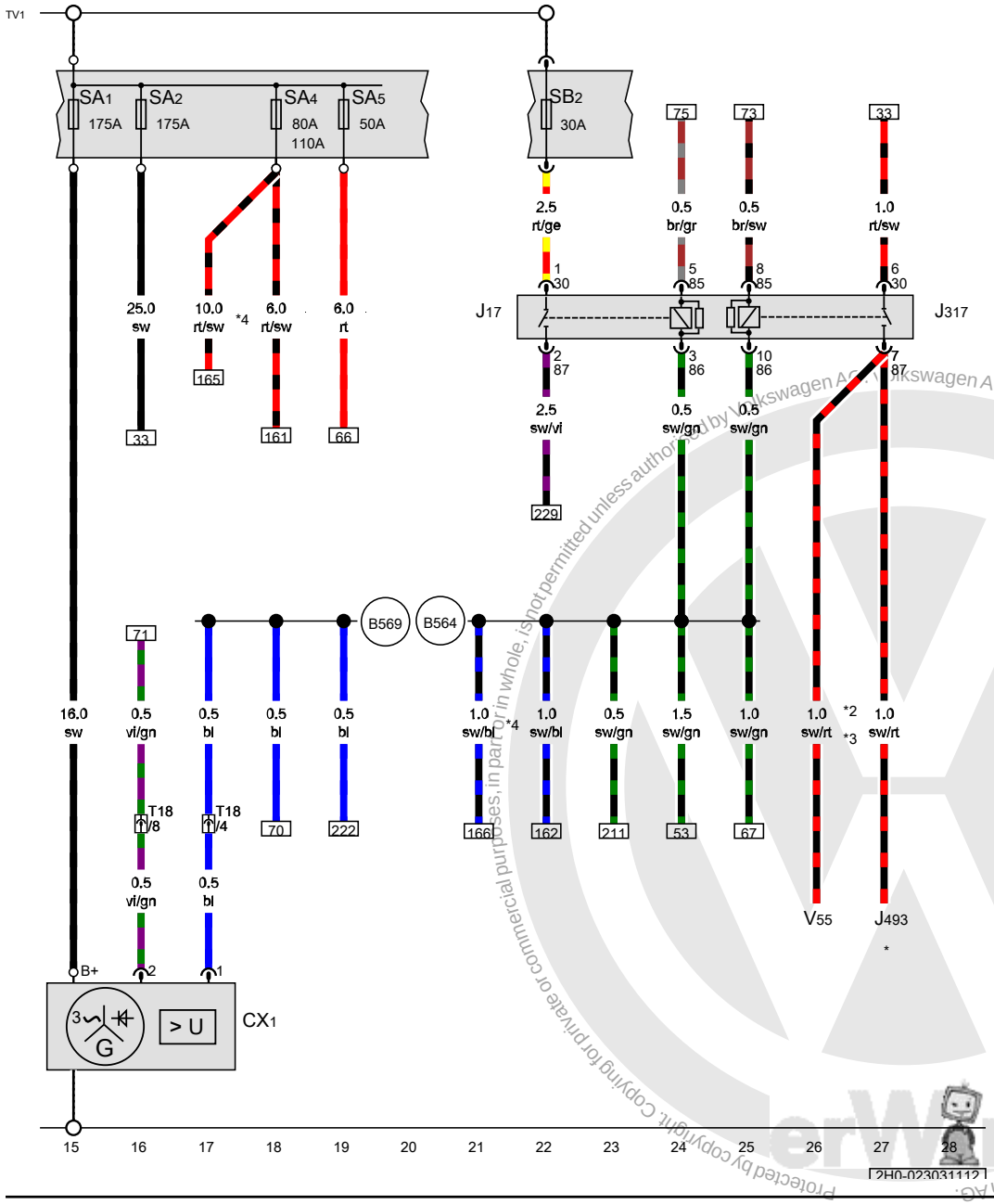

Alternator with voltage regulator, Fuel pump relay, Terminal 30 voltage supply relay, Fuse 1 in fuse holder A, Fuse 2 on fuse holder B, Fuse 4 in fuse holder A, Fuse 5 in fuse holder A

CX1	Alternator with voltage regulator
J17	Fuel pump relay
J317	Terminal 30 voltage supply relay, on relay carrier
J493	Auxiliary coolant heater relay
SA1	Fuse 1 in fuse holder A
SA2	Fuse 2 in fuse holder A
SB2	Fuse 2 on fuse holder B
SA4	Fuse 4 in fuse holder A
SA5	Fuse 5 in fuse holder A
T18	18-pin connector, near engine control unit, black
V55	Circulation pump
B564	Connection 31, in main wiring harness
B569	Connection 36, in main wiring harness
TV1	Wiring junction
*	see applicable current flow diagram for fuse assignment
*2	Only models with no air conditioning system/Climatronic
*3	see applicable current flow diagram
*4	Only for countries with hot climate

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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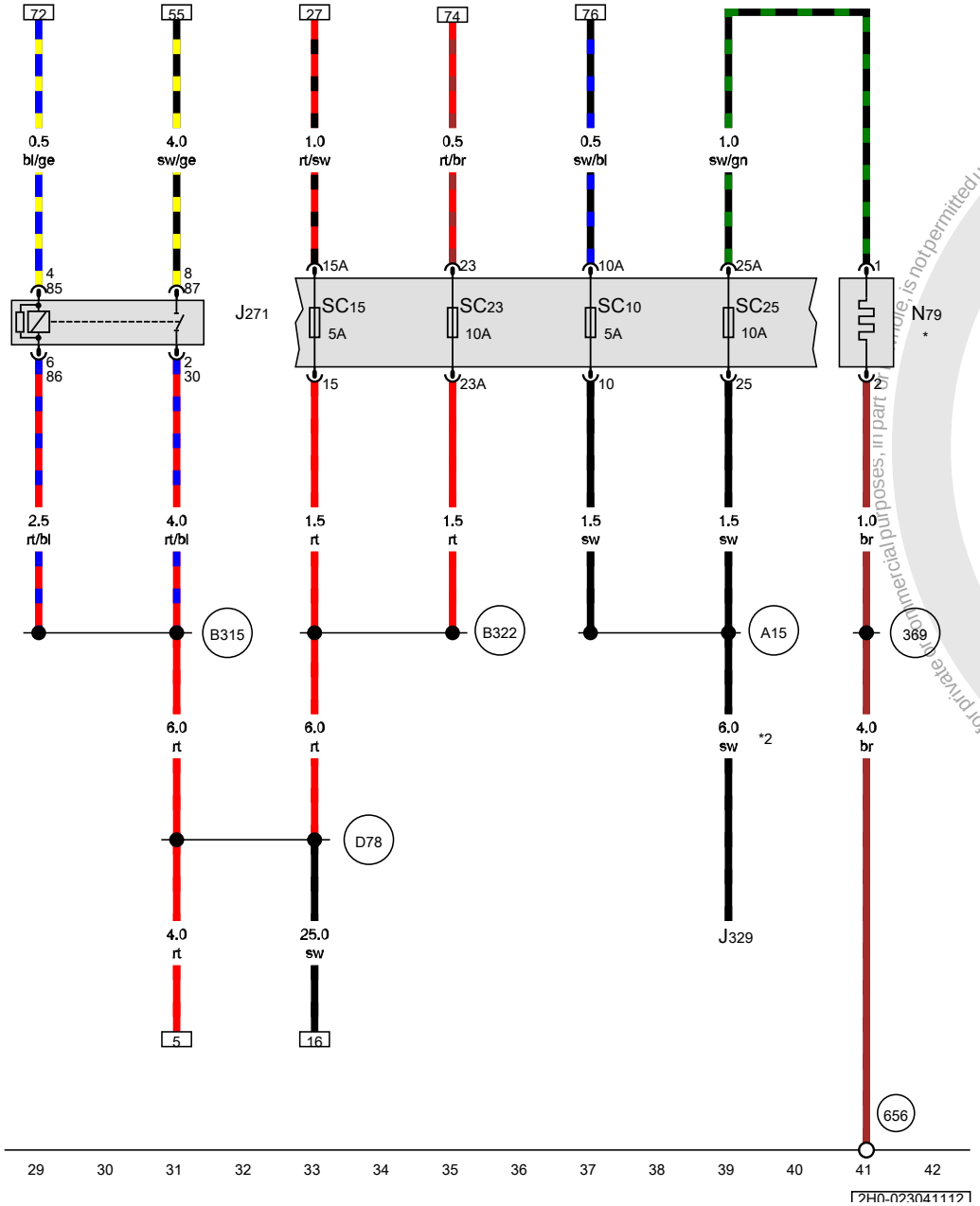
Main relay, Heater element for crankcase breather, Fuse 10 on fuse holder C, Fuse 15 on fuse holder C, Fuse 23 on fuse holder C, Fuse 25 on fuse holder C



J271	Main relay, on relay carrier
J329	Terminal 15 voltage supply relay
N79	Heater element for crankcase breather
SC10	Fuse 10 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC23	Fuse 23 on fuse holder C
SC25	Fuse 25 on fuse holder C
369	Earth connection 4, in main wiring harness
656	Earth point, on right headlight
A15	Positive connection (15), in instrument wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B322	Positive connection 8 (30a) in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
*	Only models with crankcase breather heater element
*2	see applicable current flow diagram for fuse assignment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
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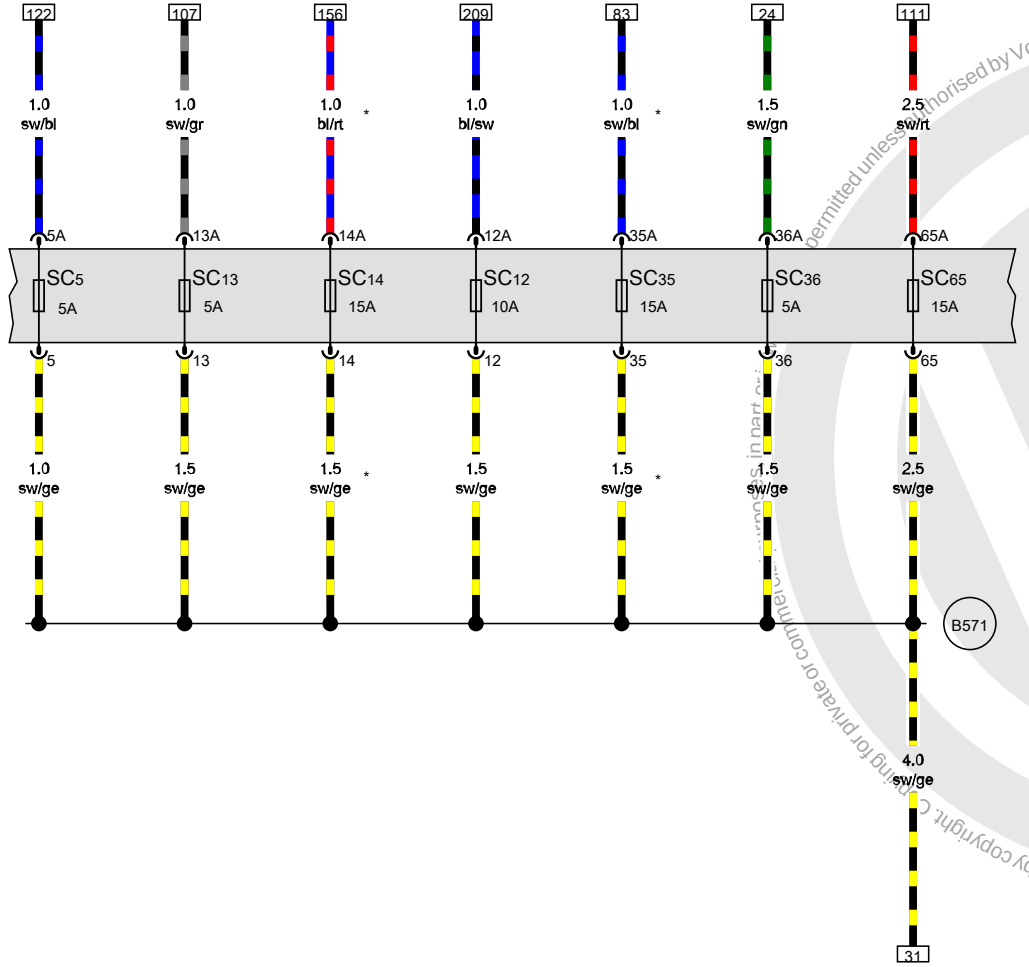
Fuse 5 on fuse holder C, Fuse 12 on fuse holder C, Fuse 13 on fuse holder C, Fuse 14 on fuse holder C, Fuse 35 on fuse holder C, Fuse 36 on fuse holder C, Fuse 65 on fuse holder C



SC5	Fuse 5 on fuse holder C
SC12	Fuse 12 on fuse holder C
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC35	Fuse 35 on fuse holder C
SC36	Fuse 36 on fuse holder C
SC65	Fuse 65 on fuse holder C
B571	Connection 38, in main wiring harness
*	Only models with Euro 5 emission standard

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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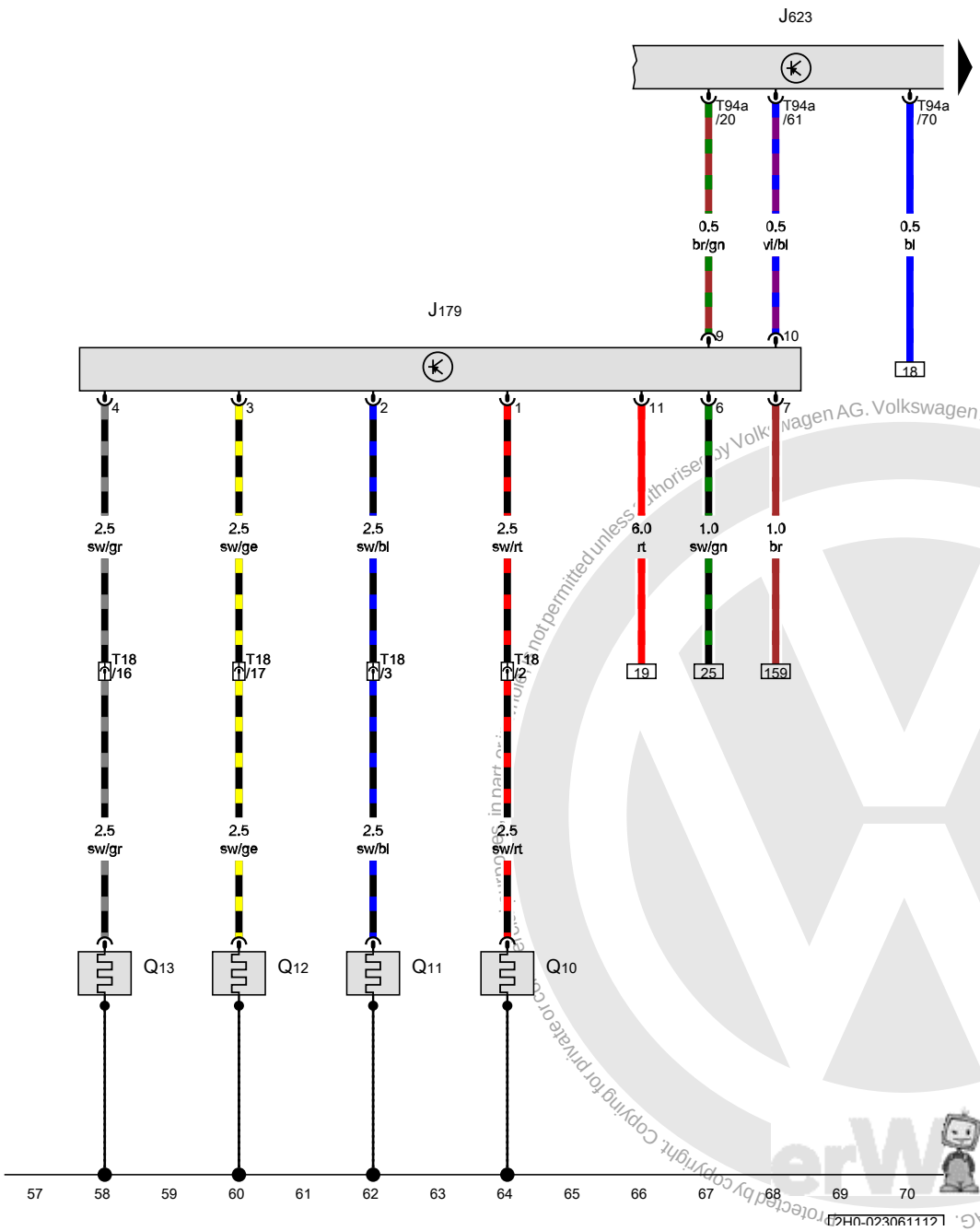
Automatic glow period control unit, Engine control unit, Glow plug 1, Glow plug 2, Glow plug 3, Glow plug 4

J179	Automatic glow period control unit, near left headlight
J623	Engine control unit, near battery
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
T18	18-pin connector, near engine control unit, black
T94a	94-pin connector, black



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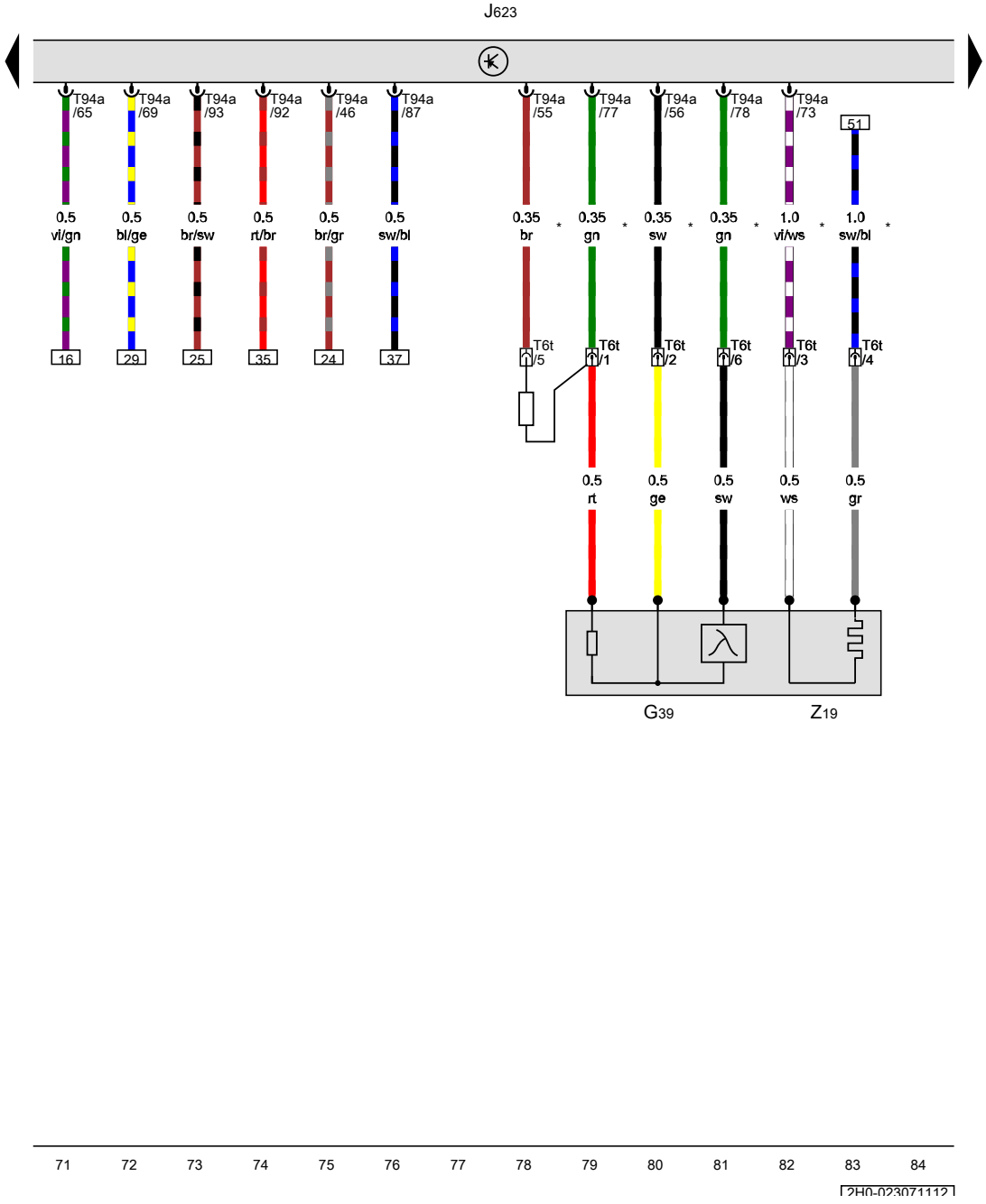

Lambda probe, Engine control unit

G39	Lambda probe
J623	Engine control unit, near battery
T6t	6-pin connector, front right in engine compartment, black
T94a	94-pin connector, black
Z19	Lambda probe heater
*	Only models with Euro 5 emission standard

ws	=	white
sw	=	black
ro	=	red
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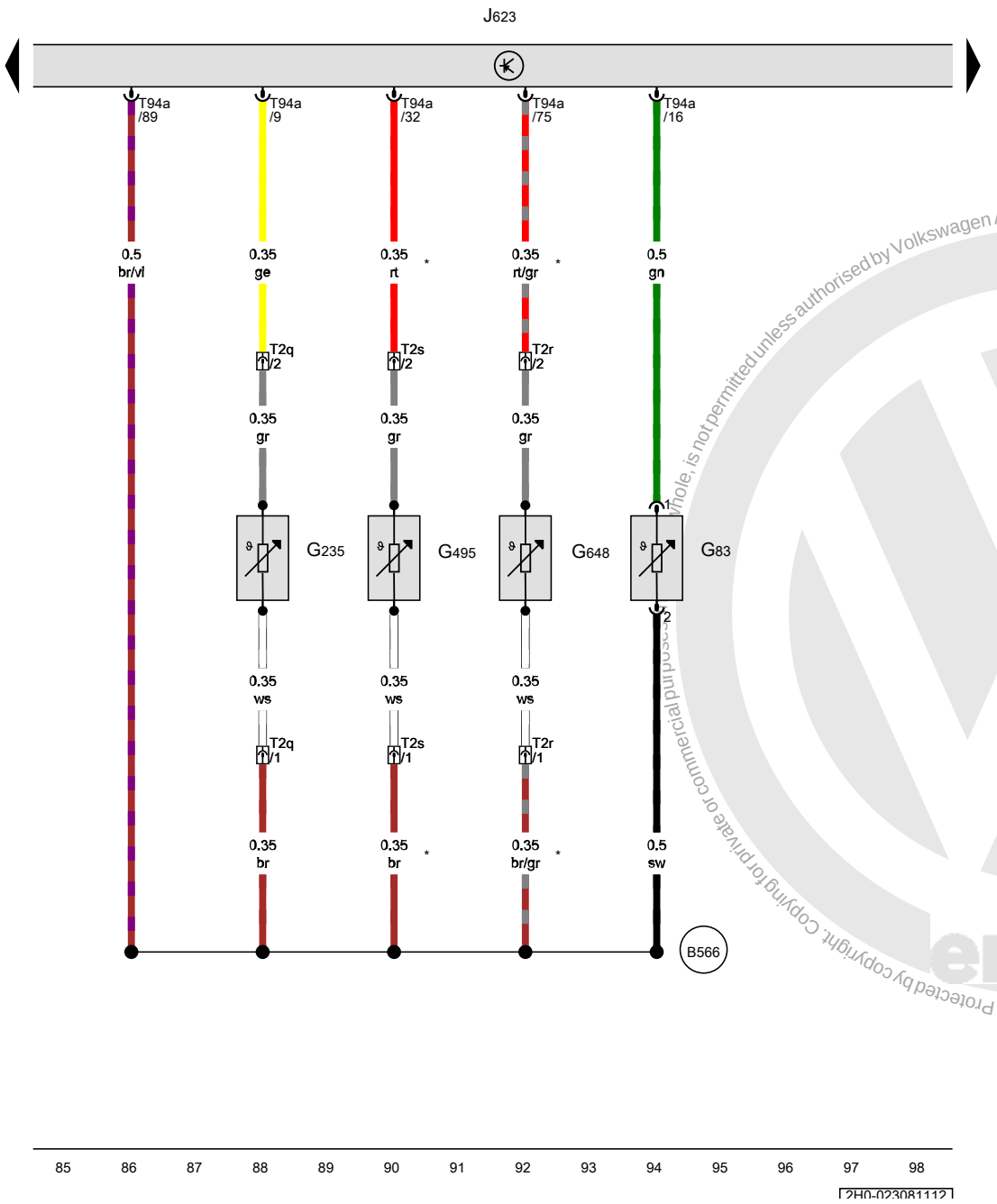

Radiator outlet coolant temperature sender, Exhaust gas temperature sender 1, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Engine control unit

G83	Radiator outlet coolant temperature sender
G235	Exhaust gas temperature sender 1
G495	Exhaust gas temperature sender 3
G648	Exhaust gas temperature sender 4
J623	Engine control unit, near battery
T2q	2-pin connector, in front right wheel housing, black
T2r	2-pin connector, in front right wheel housing, orange
T2s	2-pin connector, in front right wheel housing, brown
T94a	94-pin connector, black
B566	Connection 33, in main wiring harness
*	Only models with Euro 5 emission standard

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sw	=	black
ro	=	red
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gn	=	green
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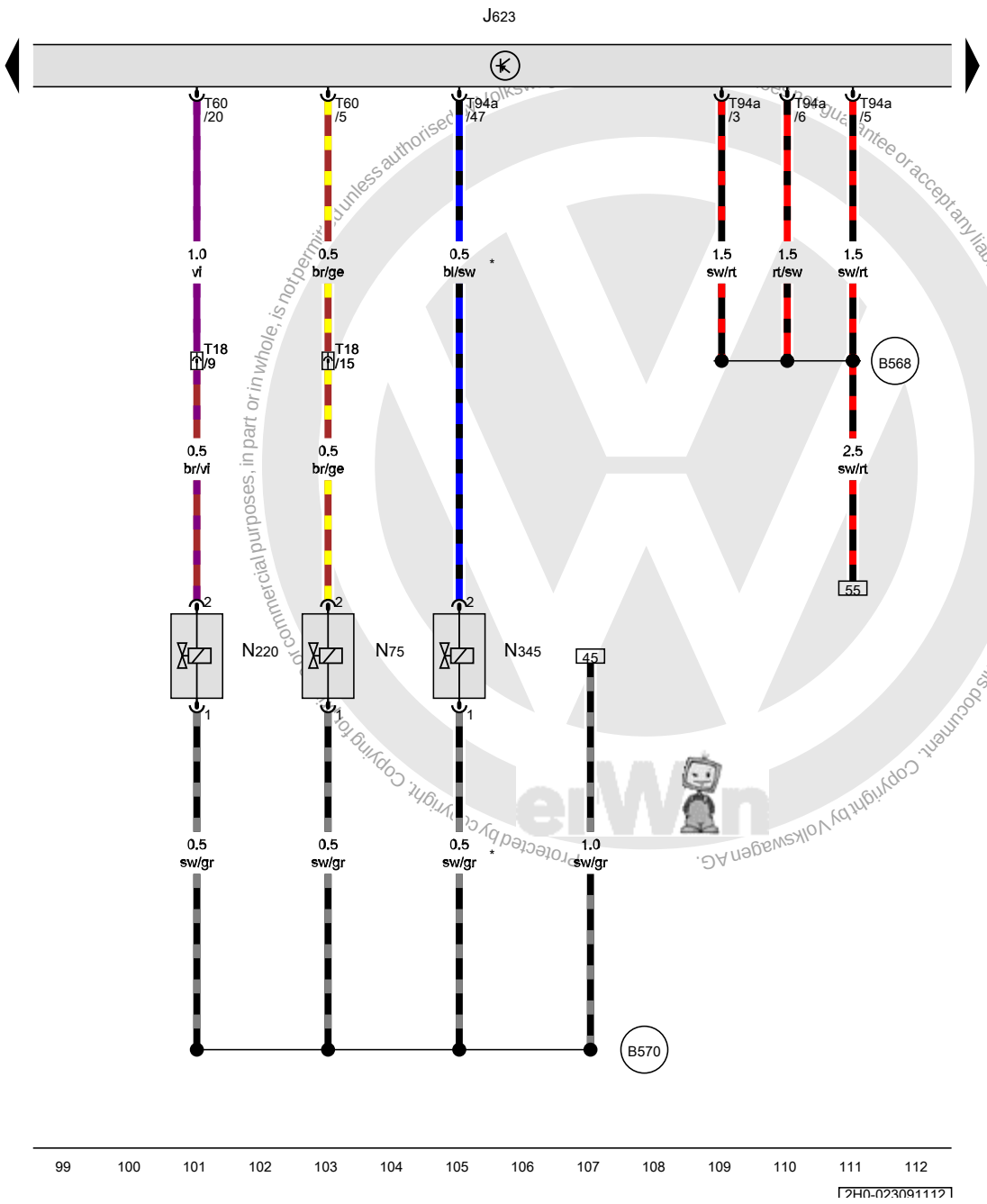

Engine control unit, Charge pressure control solenoid valve, Exhaust flap valve, Exhaust gas recirculation cooler changeover valve

J623	Engine control unit, near battery
N75	Charge pressure control solenoid valve
N220	Exhaust flap valve
N345	Exhaust gas recirculation cooler changeover valve
T18	18-pin connector, near engine control unit, black
T60	60-pin connector, black
T94a	94-pin connector, black
B568	Connection 35, in main wiring harness
B570	Connection 37, in main wiring harness
*	Only models with Euro 5 emission standard

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sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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or	=	orange
rs	=	pink

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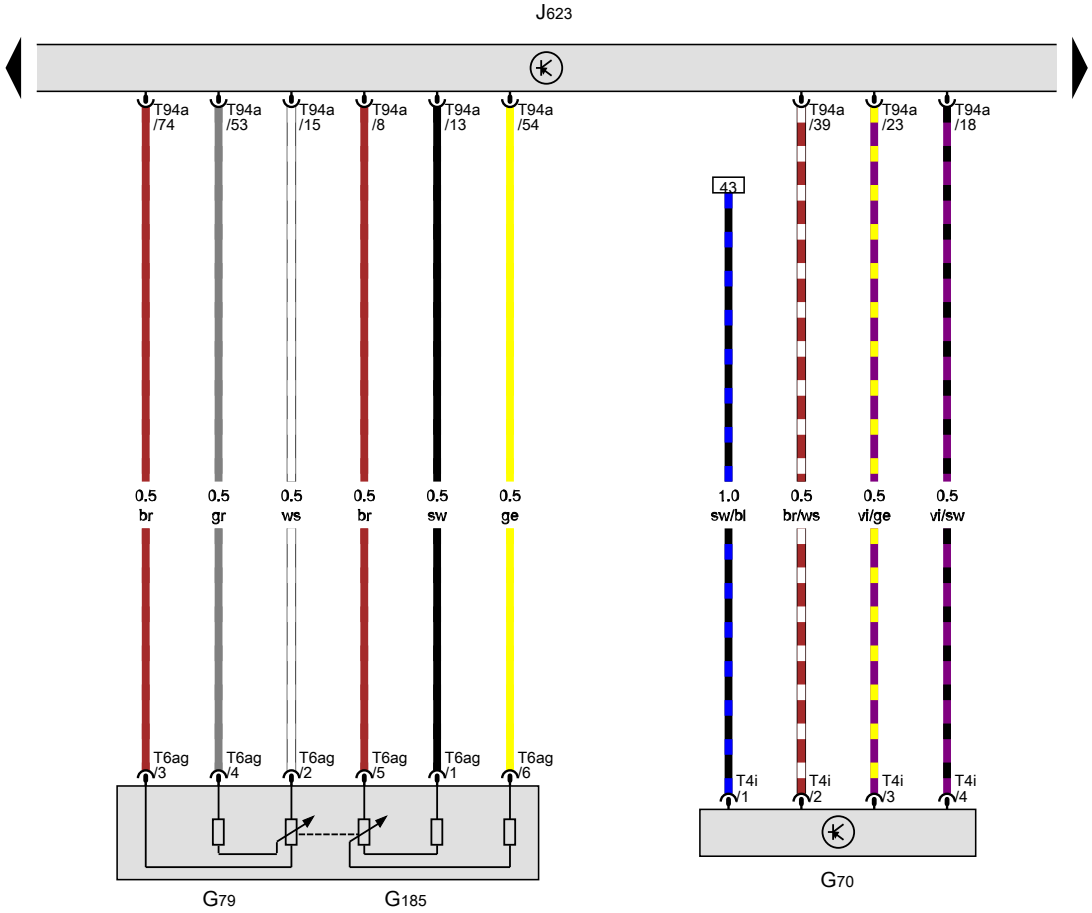
Air mass meter, Accelerator position sender, Accelerator position sender 2, Engine control unit

G70	Air mass meter
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit, near battery
T4i	4-pin connector
T6ag	6-pin connector
T94a	94-pin connector, black



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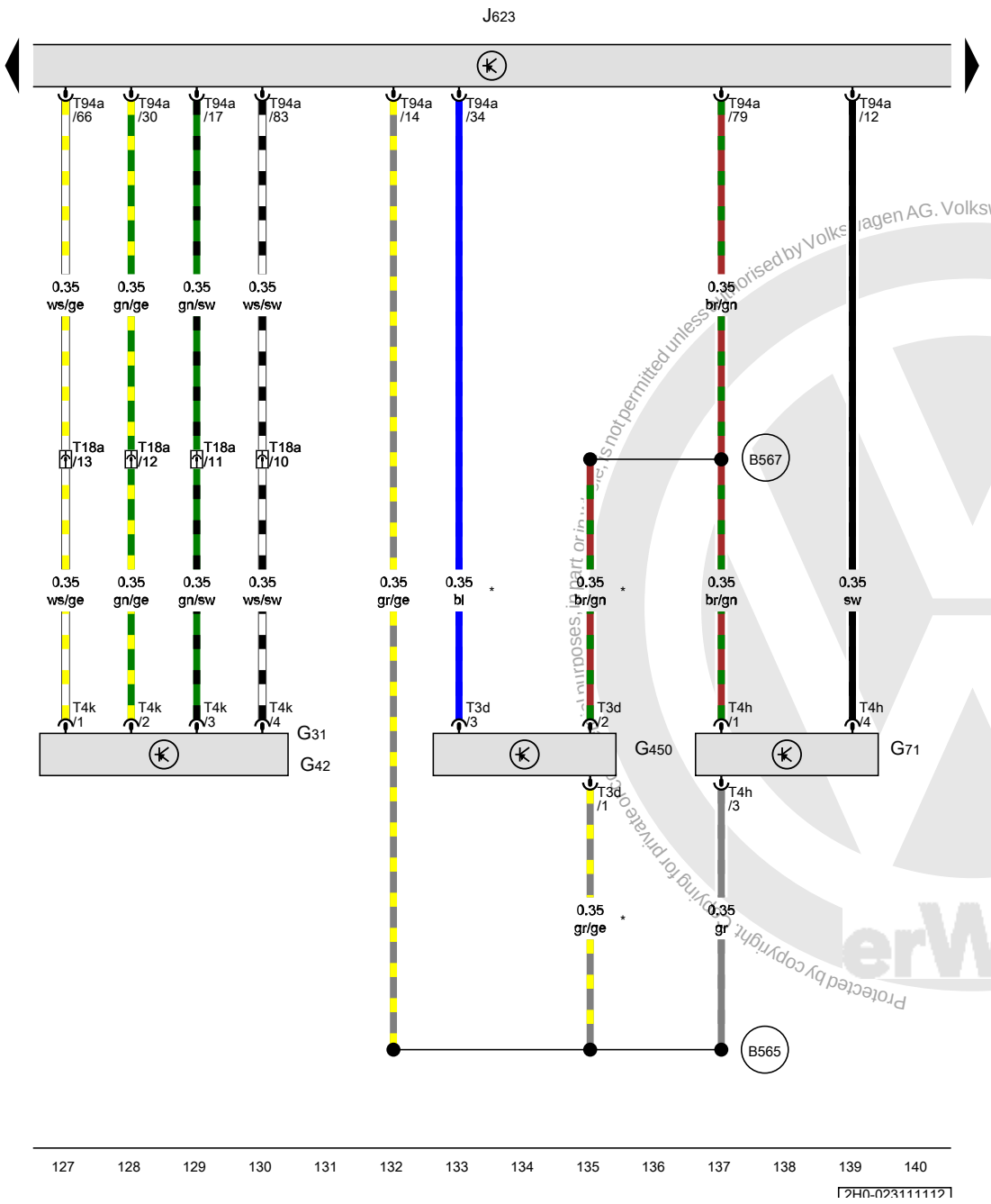

Charge pressure sender, Intake air temperature sender, Intake manifold pressure sender, Exhaust gas pressure sensor 1, Engine control unit

G31	Charge pressure sender
G42	Intake air temperature sender
G71	Intake manifold pressure sender
G450	Exhaust gas pressure sensor 1
J623	Engine control unit, near battery
T3d	3-pin connector
T4h	4-pin connector
T4k	4-pin connector
T18a	18-pin connector, near engine control unit, grey
T94a	94-pin connector, black
B565	Connection 32, in main wiring harness
B567	Connection 34, in main wiring harness
*	Only models with Euro 5 emission standard

ws	=	white
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ro	=	red
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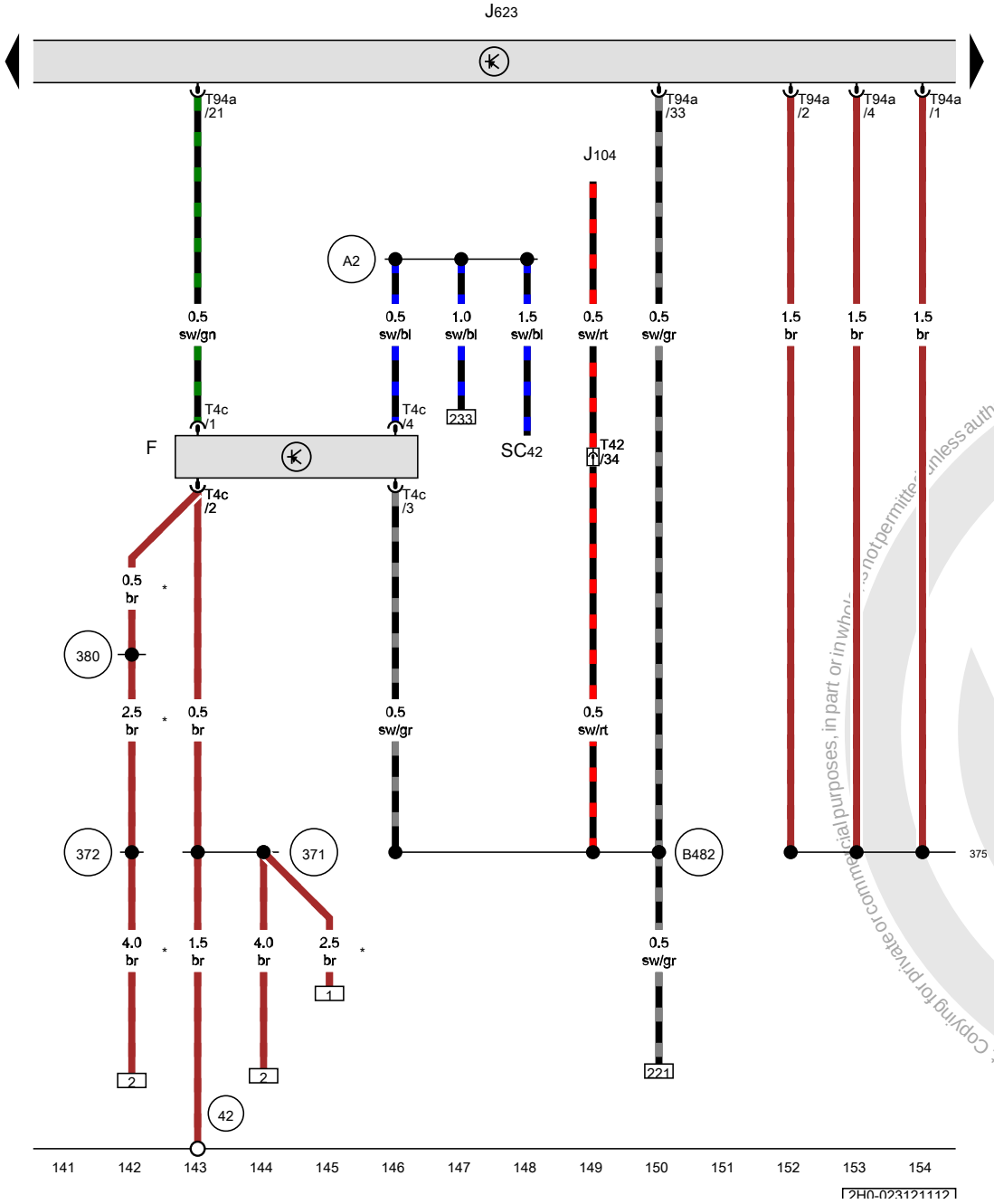

Brake light switch, Engine control unit

F	Brake light switch
J104	ABS control unit
J623	Engine control unit, near battery
SC42	Fuse 42 on fuse holder C
T4c	4-pin connector
T42	42-pin connector, near handbrake lever, black
T94a	94-pin connector, black
42	Earth point, next to steering column
371	Earth connection 6, in main wiring harness
372	Earth connection 7, in main wiring harness
375	Earth connection 10, in main wiring harness
380	Earth connection 15, in main wiring harness
A2	Positive connection (15), in dash panel wiring harness
B482	Connection 18, in main wiring harness
*	From November 2011

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
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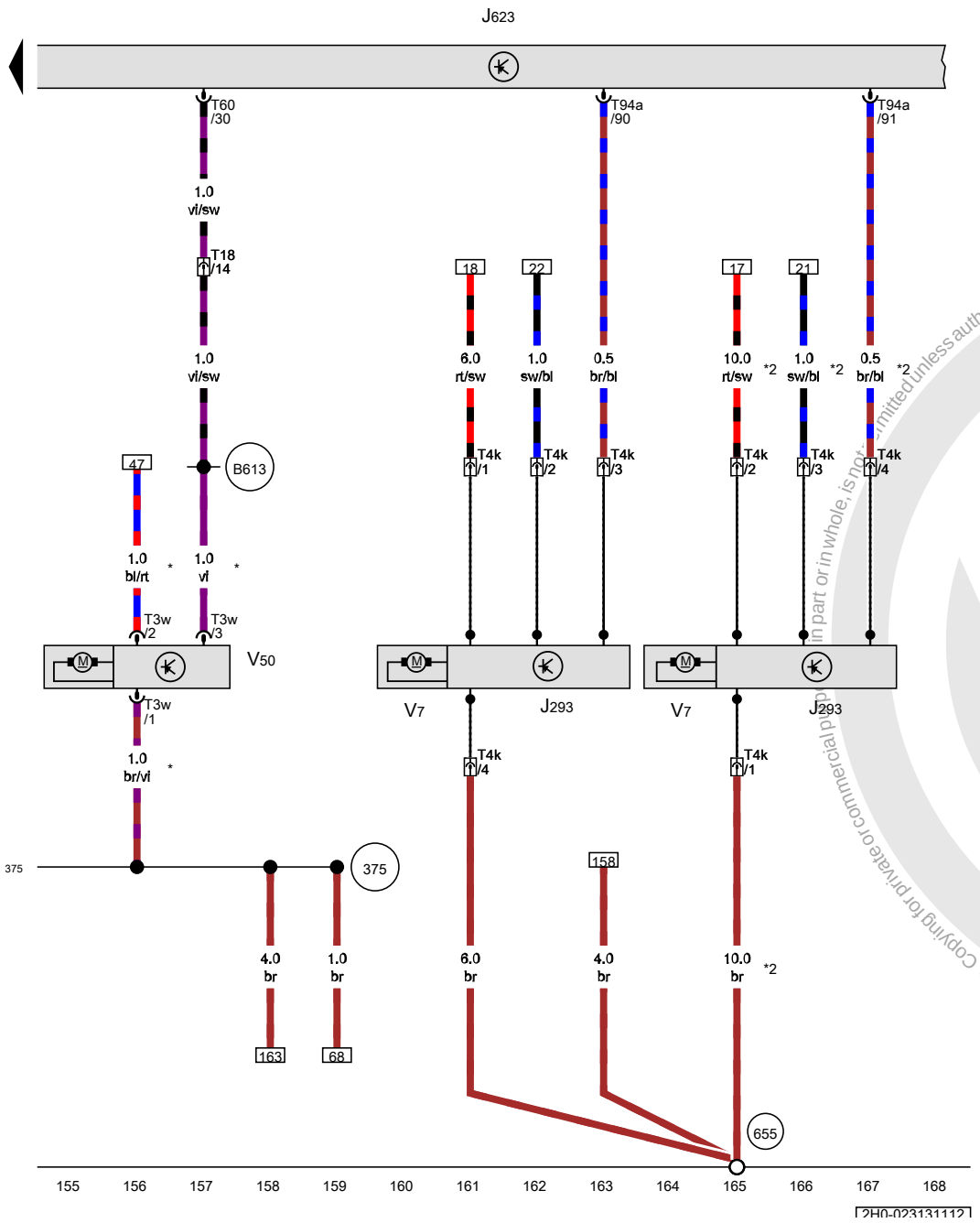

Radiator fan control unit, Engine control unit, Radiator fan, Coolant circulation pump

J293	Radiator fan control unit
J623	Engine control unit, near battery
T3w	3-pin connector
T4k	4-pin connector, on radiator cowling, black
T18	18-pin connector, near engine control unit, black
T60	60-pin connector, black
T94a	94-pin connector, black
V7	Radiator fan
V50	Coolant circulation pump
375	Earth connection 10, in main wiring harness
655	Earth point, on left headlight
B613	Connection 41, in main wiring harness
*	Only models with Euro 5 emission standard
*2	Only for countries with hot climate

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
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gr	=	grey
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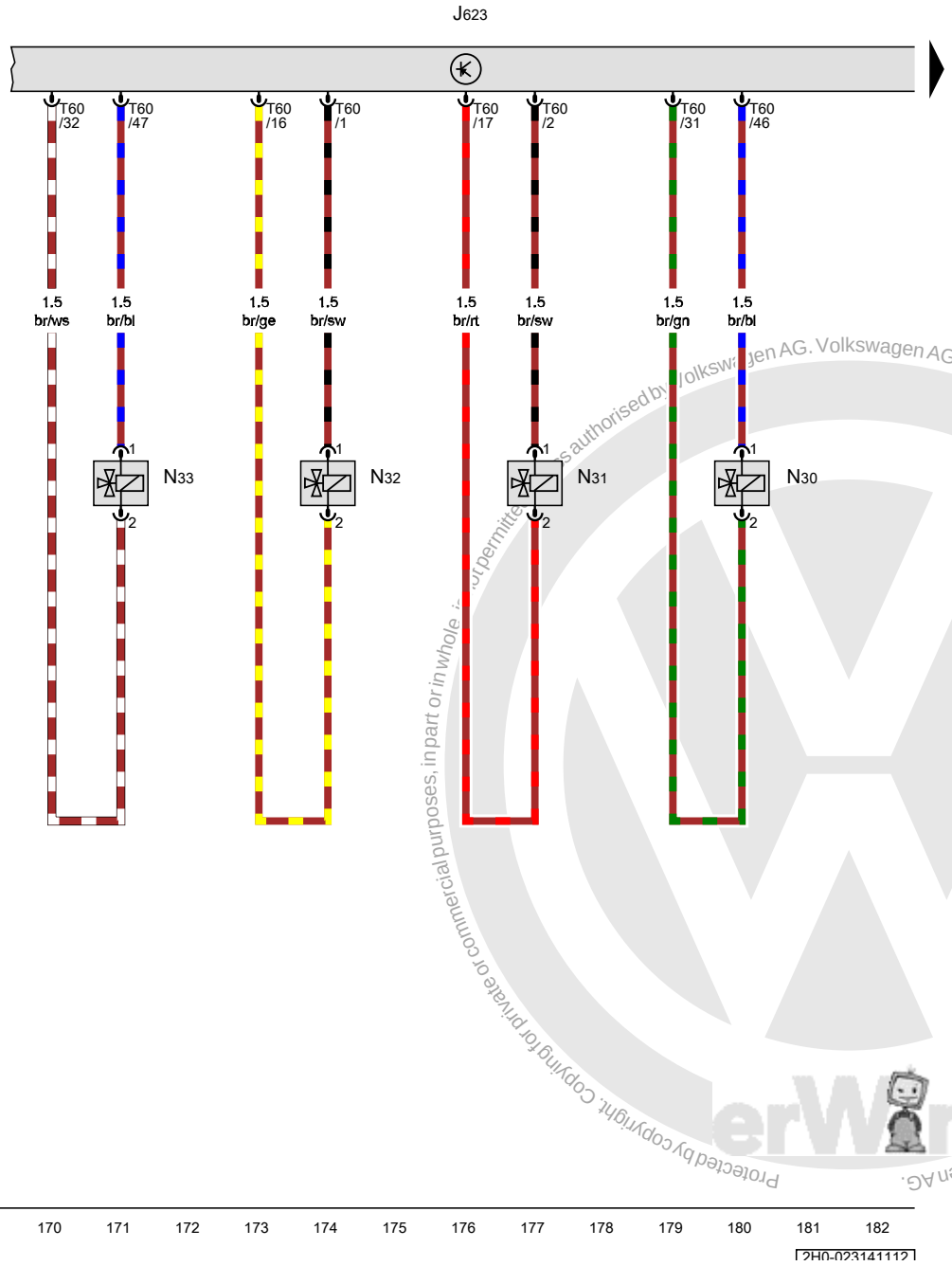
Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

J623	Engine control unit, near battery
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T60	60-pin connector, black



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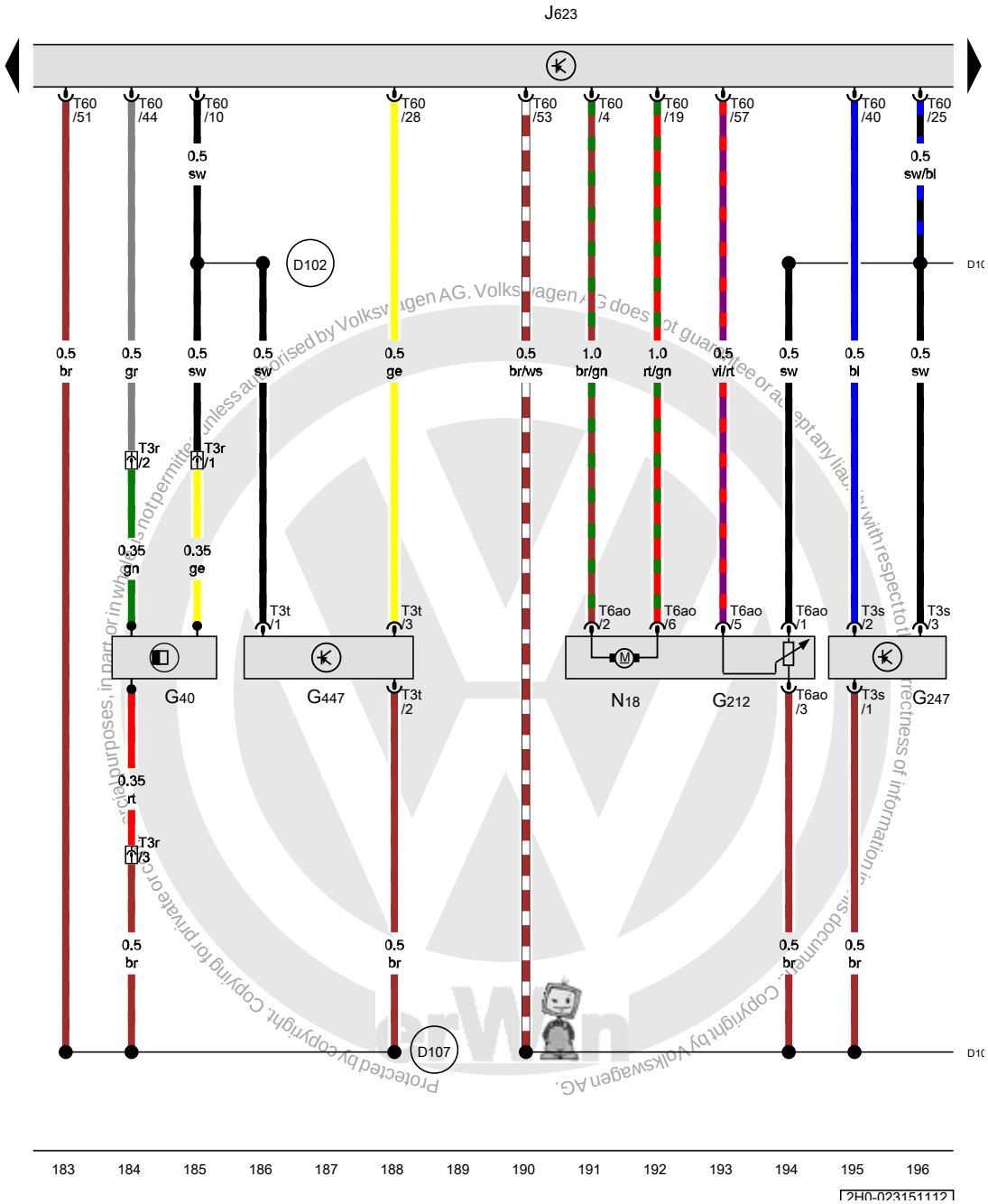

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
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Hall sender, Exhaust gas recirculation potentiometer, Fuel pressure sender, Charge pressure sender 2, Engine control unit, Exhaust gas recirculation valve

G40	Hall sender
G212	Exhaust gas recirculation potentiometer
G247	Fuel pressure sender
G447	Charge pressure sender 2, on turbocharger air recirculation valve
J623	Engine control unit, near battery
N18	Exhaust gas recirculation valve
T3r	3-pin connector, on front of engine, black
T3s	3-pin connector
T3t	3-pin connector
T6ao	6-pin connector
T60	60-pin connector, black
D101	Connection 1 in engine compartment wiring harness
D102	Connection 2 in engine compartment wiring harness
D103	Connection 3 in engine compartment wiring harness
D107	Connection 5 in engine compartment wiring harness

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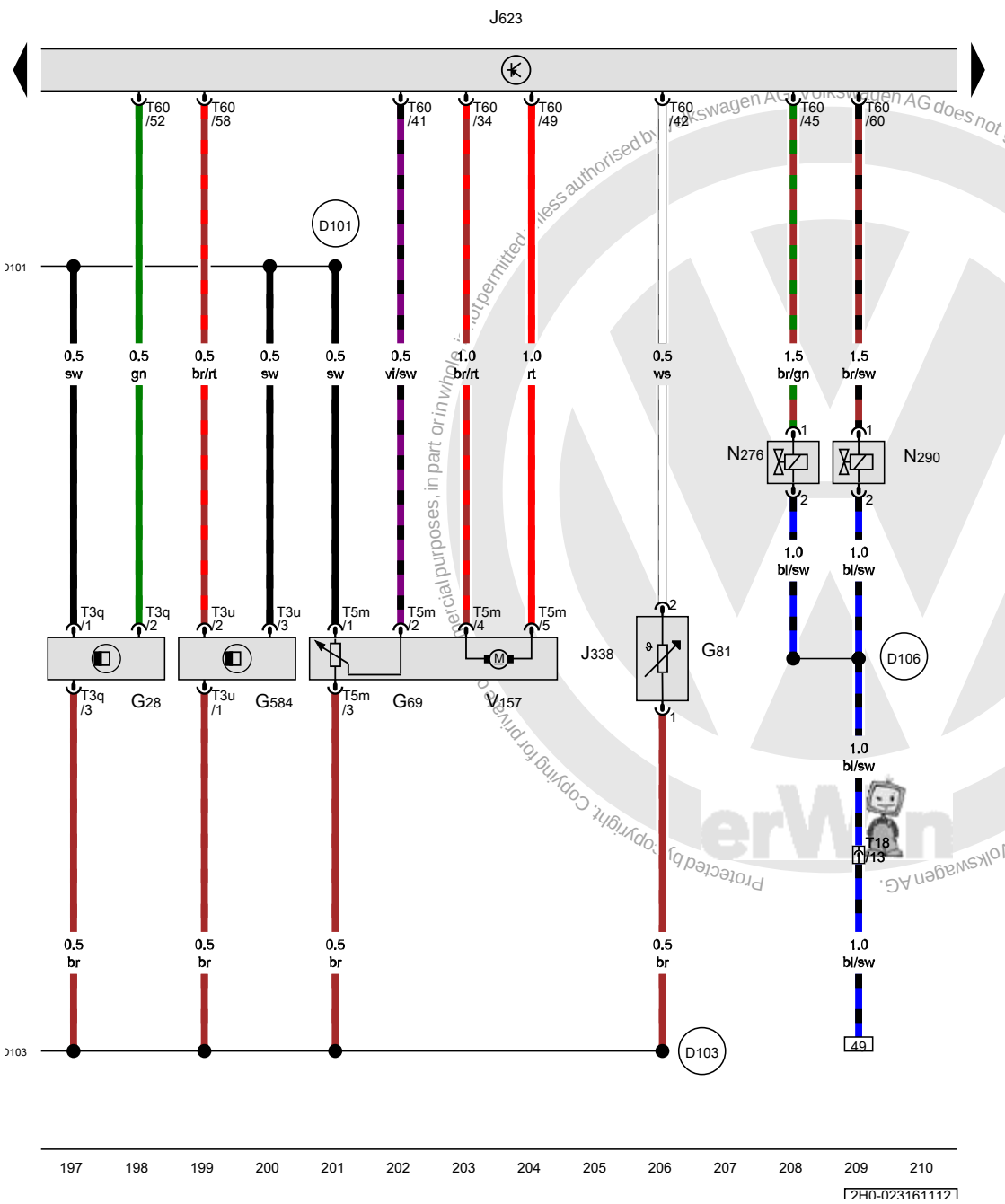

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rs = pink

Engine speed sender, Throttle valve potentiometer, Fuel temperature sender, Regulating flap potentiometer, Throttle valve module, Engine control unit, Fuel pressure regulating valve, Fuel metering valve, Intake manifold flap motor

G28	Engine speed sender
G69	Throttle valve potentiometer
G81	Fuel temperature sender
G584	Regulating flap potentiometer
J338	Throttle valve module
J623	Engine control unit, near battery
N276	Fuel pressure regulating valve
N290	Fuel metering valve
T3q	3-pin connector
T3u	3-pin connector
T5m	5-pin connector
T18	18-pin connector, near engine control unit, black
T60	60-pin connector, black
V157	Intake manifold flap motor
D101	Connection 1 in engine compartment wiring harness
D103	Connection 3 in engine compartment wiring harness
D106	Connection 4 in engine compartment wiring harness

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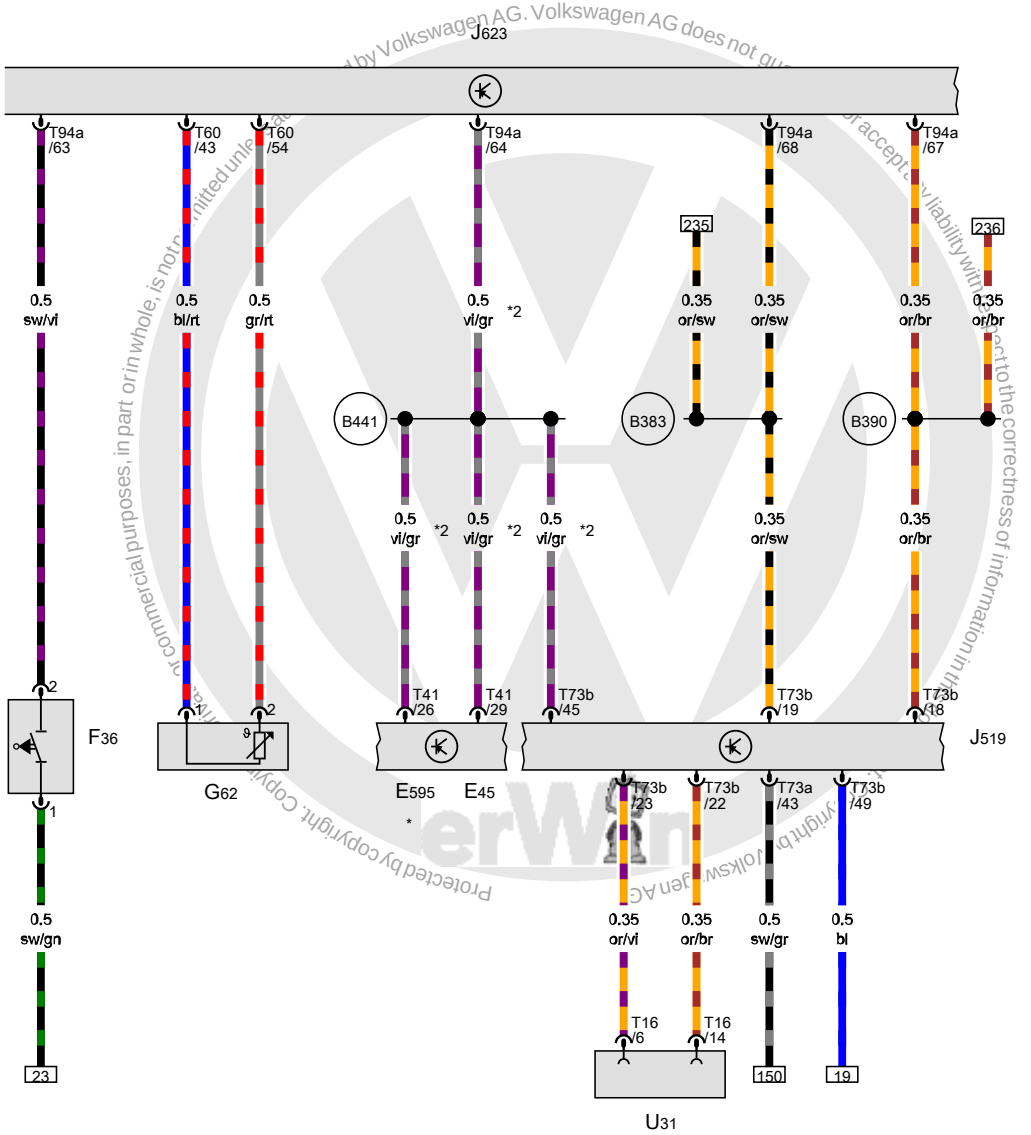

Cruise control system switch, Clutch pedal switch, Coolant temperature sender, Onboard supply control unit, Engine control unit

E45	Cruise control system switch
E595	Steering column combination switch
F36	Clutch pedal switch
G62	Coolant temperature sender
J519	Onboard supply control unit
J623	Engine control unit, near battery
T16	16-pin connector, black
T41	41-pin connector
T60	60-pin connector, black
T73a	73-pin connector
T73b	73-pin connector
T94a	94-pin connector, black
U31	Diagnostic connection
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B441	Connection (CCS), in main wiring harness
*	see applicable current flow diagram for basic equipment
*2	Only models with cruise control system (CCS)

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sw	=	black
ro	=	red
br	=	brown
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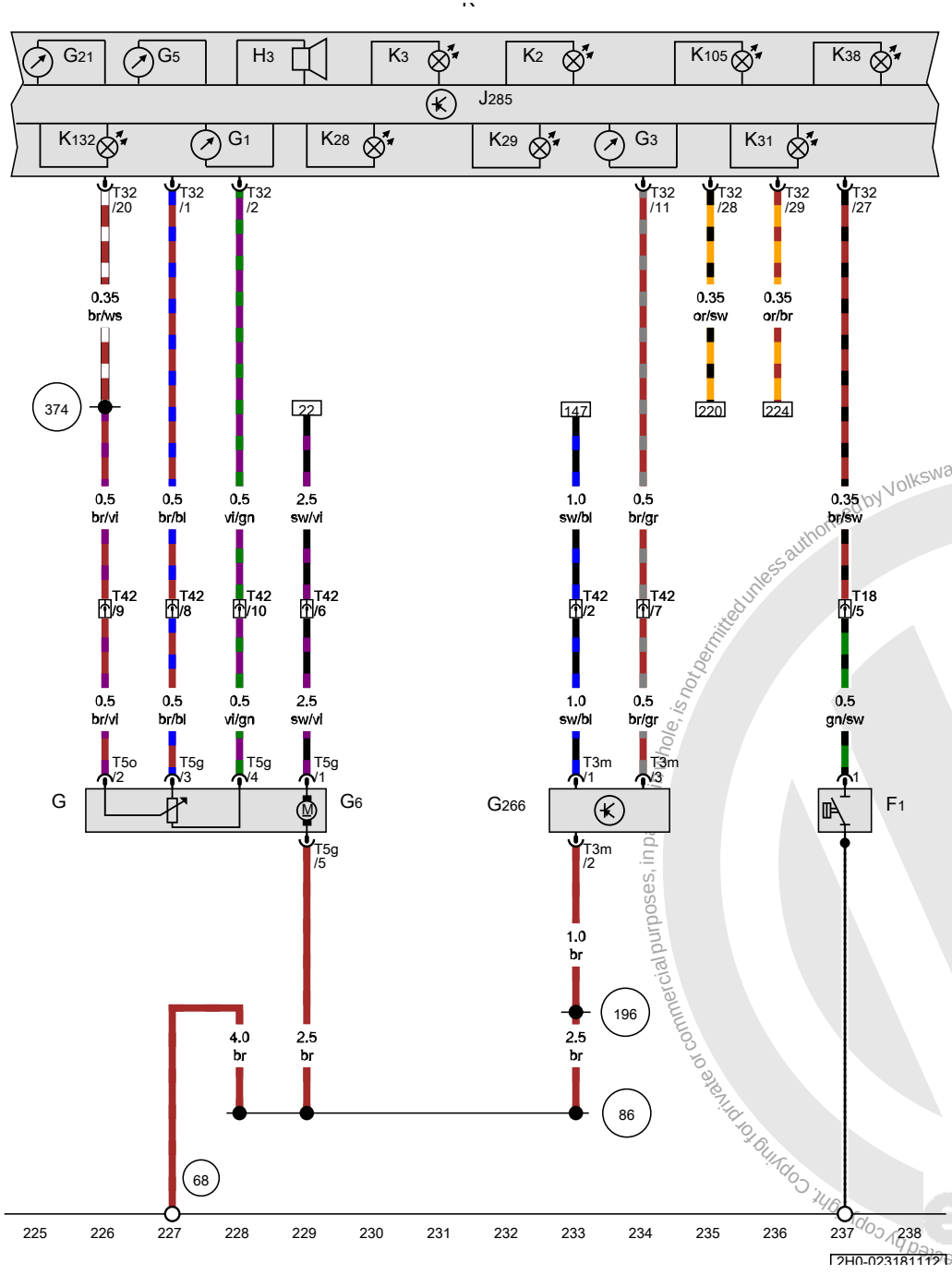

Oil level and oil temperature sender, Dash panel insert

F1	Oil pressure switch
G	Fuel gauge sender
G1	Fuel gauge
G3	Coolant temperature gauge
G5	Rev. counter
G6	Fuel system pressurisation pump
G21	Speedometer
G266	Oil level and oil temperature sender
H3	Buzzer and gong
J285	Control unit in dash panel insert
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K29	Glow period warning lamp
K31	Cruise control system warning lamp
K38	Oil level warning lamp
K105	Reserve fuel warning lamp
K132	Electronic power control fault lamp
T3m	3-pin connector
T5g	5-pin connector
T5o	5-pin connector
T18	18-pin connector, near engine control unit, black
T32	32-pin connector
T42	42-pin connector, near handbrake lever, black
68	Earth point, on left of rear cross member
86	Earth connection 1, in rear wiring harness
196	Earth connection 3, in rear wiring harness
374	Earth connection 9, in main wiring harness

ws	=	white
sw	=	black
ro	=	red
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Preparation for trailer coupling , (LOR)

From September 2009

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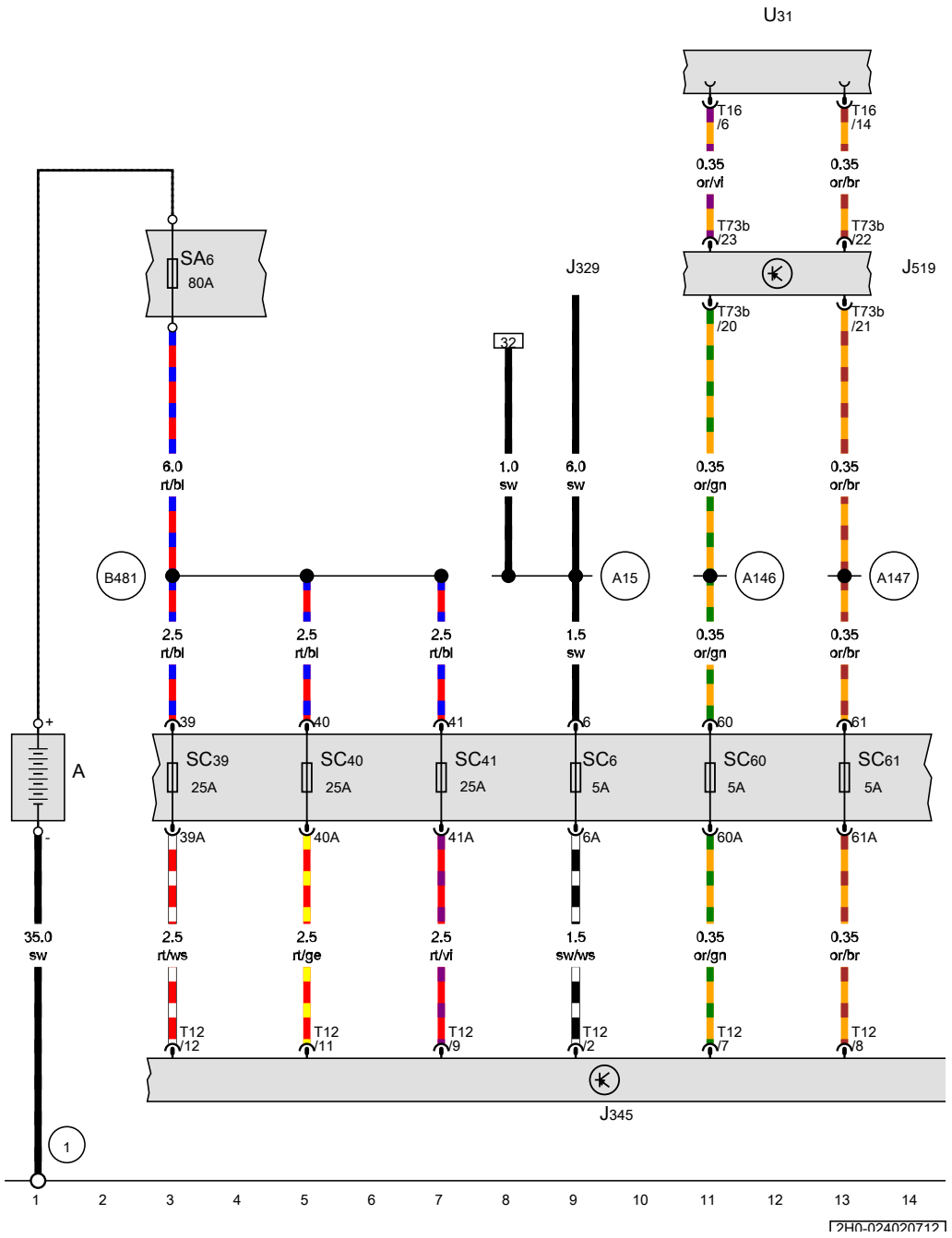

ws = white
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ro = red
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gr = grey
li = purple
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or = orange
rs = pink

Battery, Trailer detector control unit, Fuse 6 on fuse holder C, Fuse 6 in fuse holder A, Fuse 39 on fuse holder C, Fuse 40 on fuse holder C, Fuse 41 on fuse holder C, Diagnostic connection

A	Battery
J329	Terminal 15 voltage supply relay
J345	Trailer detector control unit, in centre under dash panel
J519	Onboard supply control unit, near driver side A-pillar
SC6	Fuse 6 on fuse holder C
SA6	Fuse 6 in fuse holder A
SC39	Fuse 39 on fuse holder C
SC40	Fuse 40 on fuse holder C
SC41	Fuse 41 on fuse holder C
SC60	Fuse 60 on fuse holder C
SC61	Fuse 61 on fuse holder C
T12	12-pin connector
T16	16-pin connector
T73b	73-pin connector
U31	Diagnostic connection, near driver side A-pillar
1	Earth strap, battery - body
A15	Positive connection (15), in instrument wiring harness
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
B481	Connection 17, in main wiring harness

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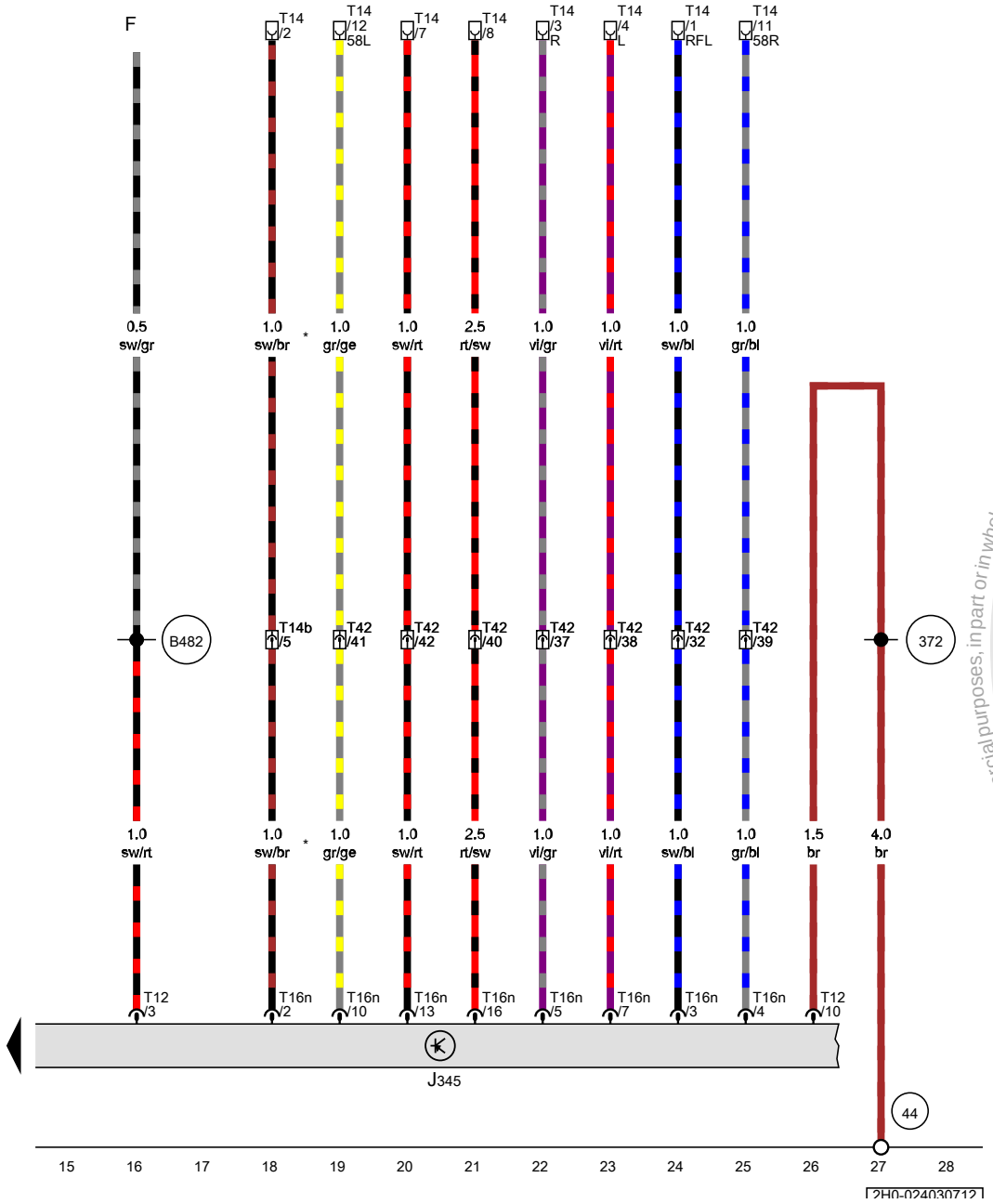

Brake light switch, Trailer detector control unit

F	Brake light switch
J345	Trailer detector control unit, in centre under dash panel
T12	12-pin connector
T14	14-pin connector, behind rear bumper on left
T14b	14-pin connector
T16n	16-pin connector
T42	42-pin connector, near handbrake lever
44	Earth point, lower part of left A-pillar
372	Earth connection 7, in main wiring harness
B482	Connection 18, in main wiring harness
*	Only models with stop/start system

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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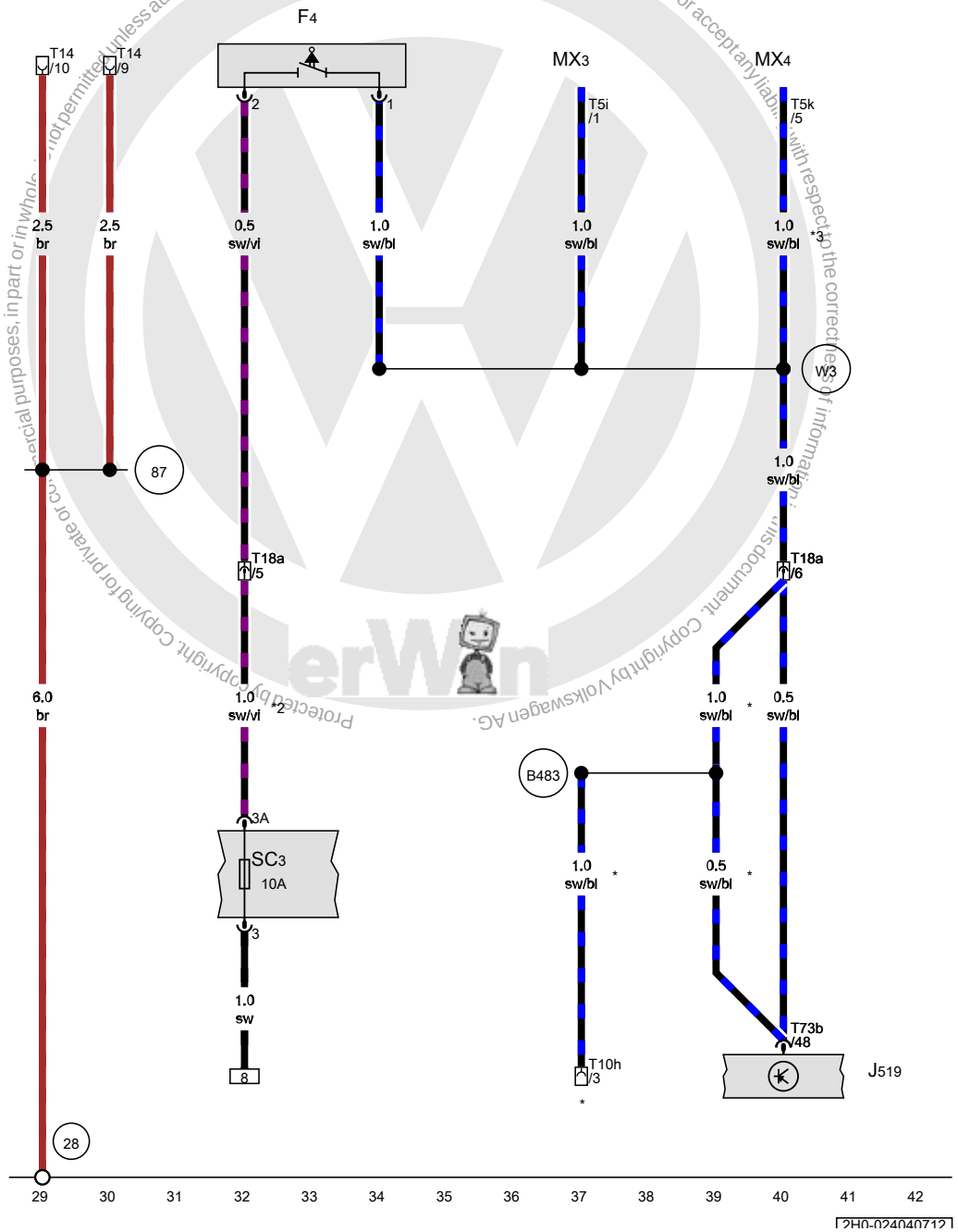

Reversing light switch, Left tail light, Fuse 3 on fuse holder C

F4	Reversing light switch
J519	Onboard supply control unit
MX3	Left tail light
MX4	Right tail light
SC3	Fuse 3 on fuse holder C
T5i	5-pin connector
T5k	5-pin connector
T10h	10-pin connector
T14	14-pin connector, behind rear bumper on left
T18a	18-pin connector, near engine control unit
T73b	73-pin connector
28	Earth point, on bulkhead
87	Earth connection 2, in rear wiring harness
B483	Connection 19, in main wiring harness
W3	Connection in rear wiring harness
*	Only models with electric interface for external use
*2	see applicable current flow diagram for fuse assignment
*3	Only models with no rear fog light

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
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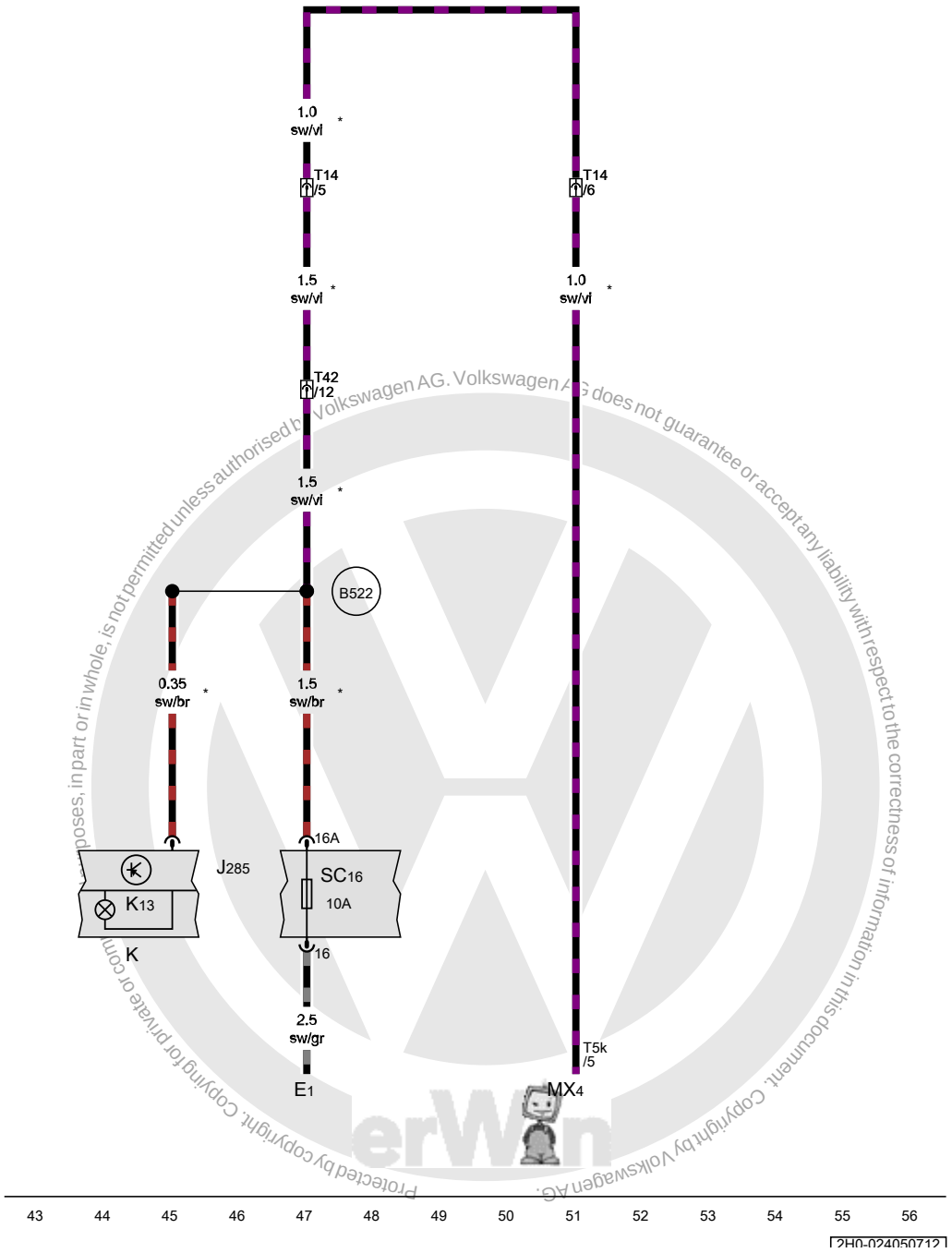
Light switch, Dash panel insert, Rear fog light warning lamp, Right tail light

E1	Light switch
J285	Control unit in dash panel insert
K	Dash panel insert
K13	Rear fog light warning lamp
MX4	Right tail light
SC16	Fuse 16 on fuse holder C
T5k	5-pin connector
T14	14-pin connector, behind rear bumper on left
T42	42-pin connector, near handbrake lever
B522	Connection (FL), in main wiring harness
*	Only models with rear fog light



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ro	=	red
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gn	=	green
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Vehicle location system , (B1D)

From December 2009

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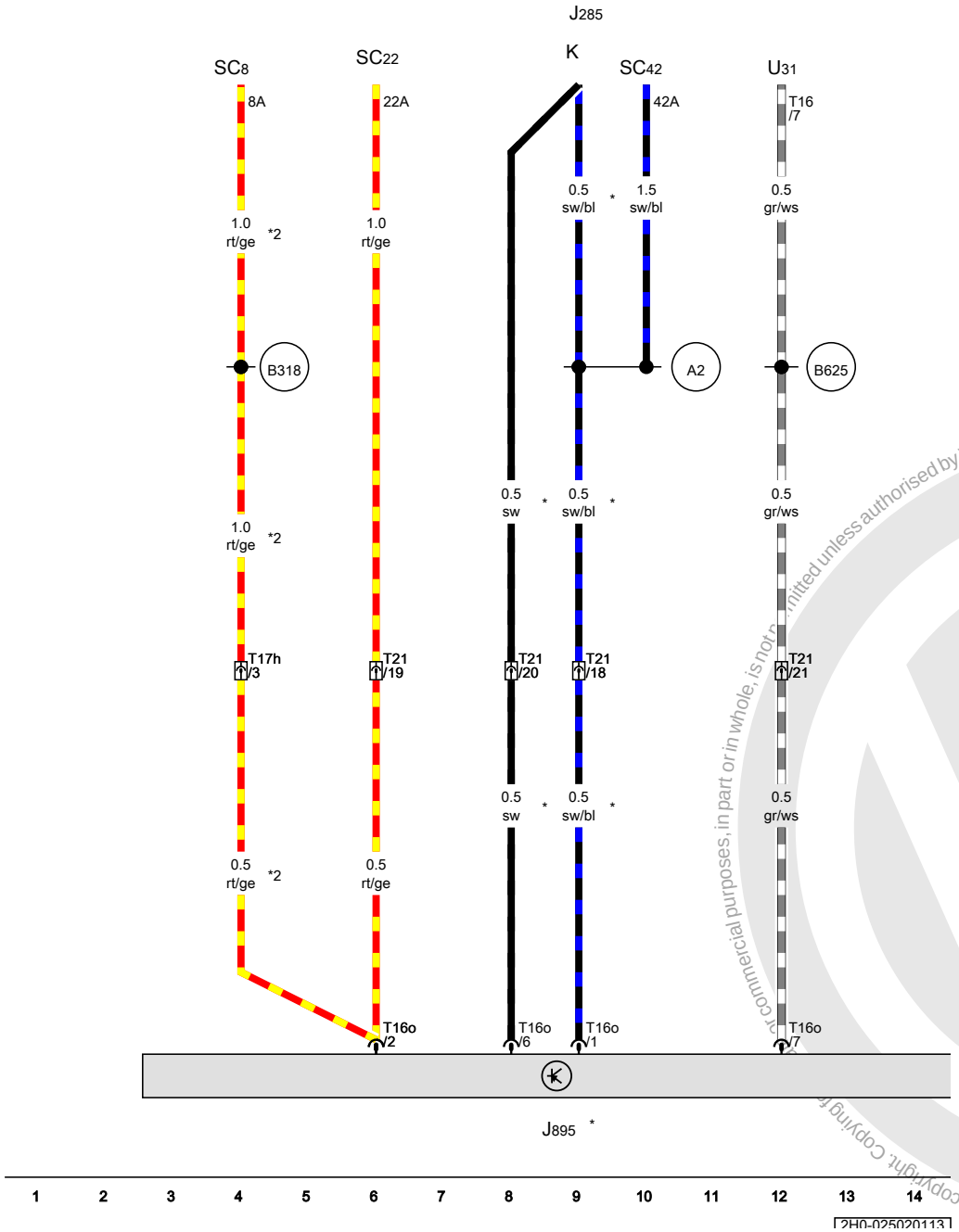

Control unit in dash panel insert, Control unit for vehicle location system, Dash panel insert, Fuse 22 on fuse holder C, Diagnostic connection

J285	Control unit in dash panel insert
J895	Control unit for vehicle location system, near radio
K	Dash panel insert
SC8	Fuse 8 on fuse holder C
SC22	Fuse 22 on fuse holder C
SC42	Fuse 42 on fuse holder C
T16	16-pin connector
T16o	16-pin connector, brown
T17h	17-pin connector, on left under dash panel, blue
T21	21-pin connector, on relay carrier, blue
U31	Diagnostic connection
A2	Positive connection (15), in dash panel wiring harness
B318	Positive connection 4 (30a) in main wiring harness
B625	Connection (K-diagnosis wire), in main wiring harness
*	Country specific
*2	From January 2013

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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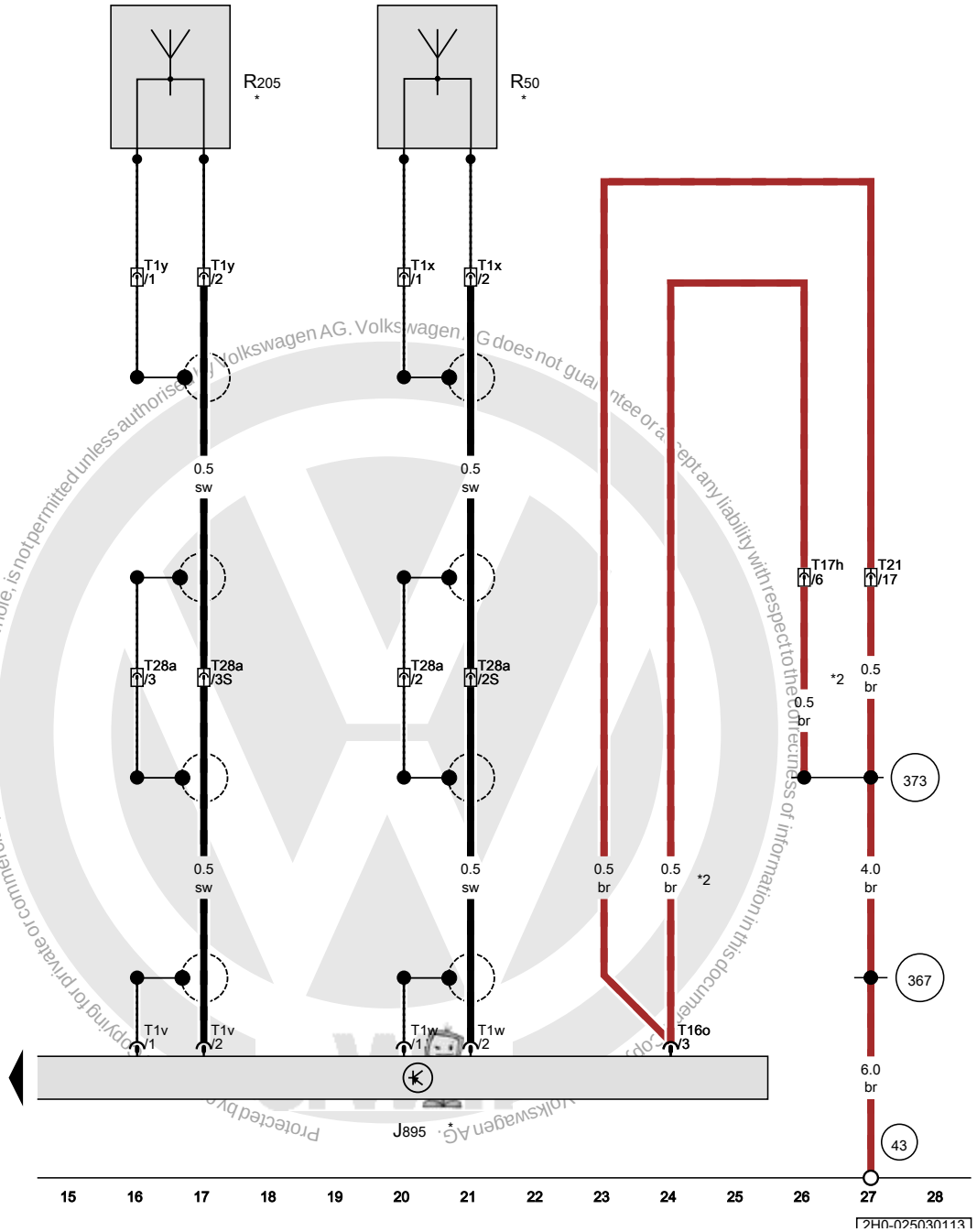

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Control unit for vehicle location system, GPS aerial, GSM aerial

J895	Control unit for vehicle location system, near radio
R50	GPS aerial
R205	GSM aerial
T1v	Single connector, purple
T1w	Single connector, purple
T1x	Single connector, in left door, near exterior mirror
T1y	Single connector, in left door, near exterior mirror
T16o	16-pin connector, brown
T17h	17-pin connector, on left under dash panel, blue
T21	21-pin connector, on relay carrier, blue
T28a	28-pin connector, on left A-pillar
43	Earth point, lower part of right A-pillar
367	Earth connection 2, in main wiring harness
373	Earth connection 8, in main wiring harness
*	Country specific
*2	From June 2012

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Basic equipment, right-hand drive

From December 2009

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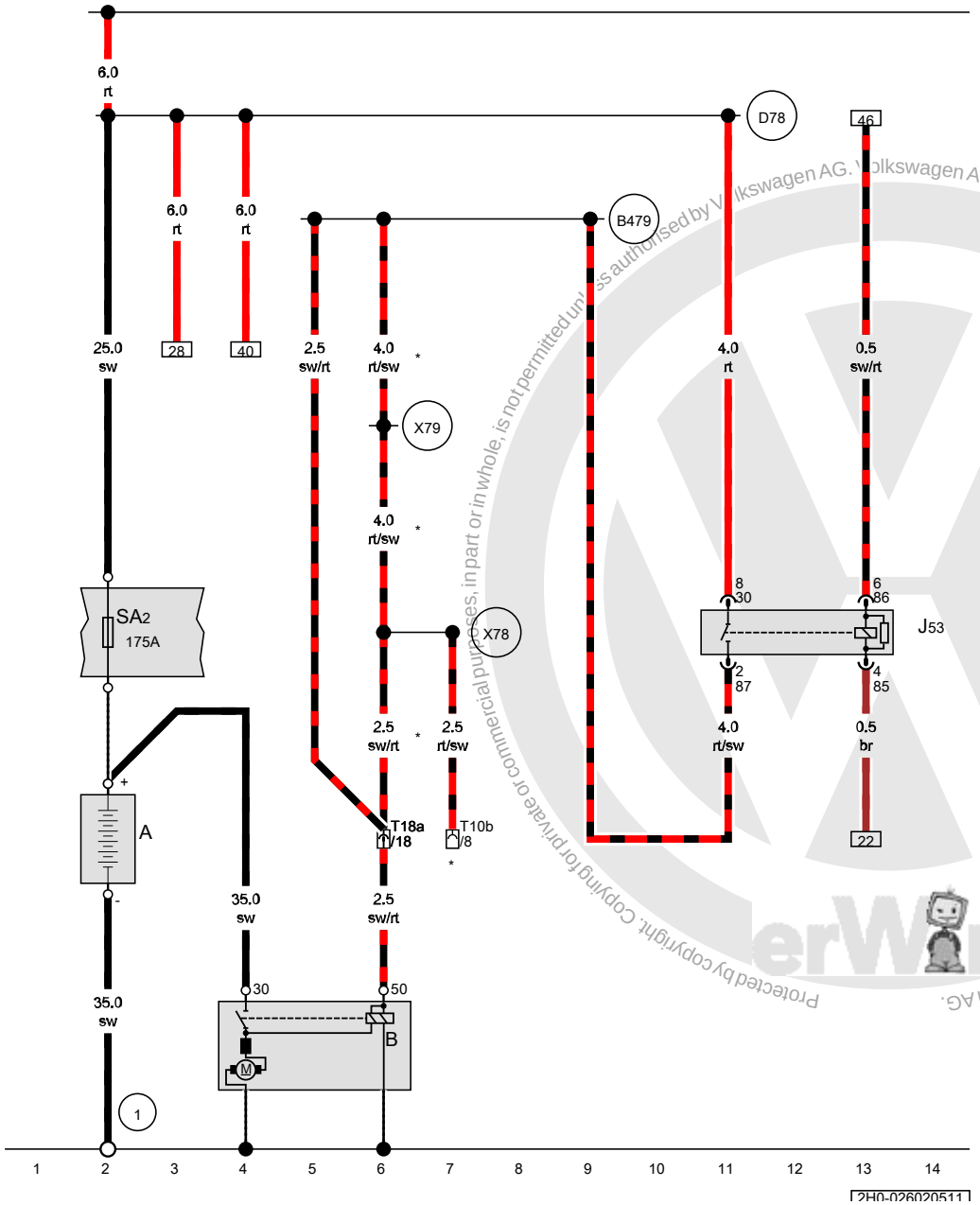

Battery, Starter

A	Battery
B	Starter
J53	Starter motor relay
SA2	Fuse 2 in fuse holder A
T10b	10-pin connector, in left footwell, near centre console
T18a	18-pin connector, near engine control unit
1	Earth strap, battery - body
B322	Positive connection 8 (30a) in main wiring harness
B479	Connection 15, in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
X78	Connection 1, in optional equipment wiring harness
X79	Connection 2, in optional equipment wiring harness
*	Only models with electric interface for external use

ws	=	white
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ro	=	red
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gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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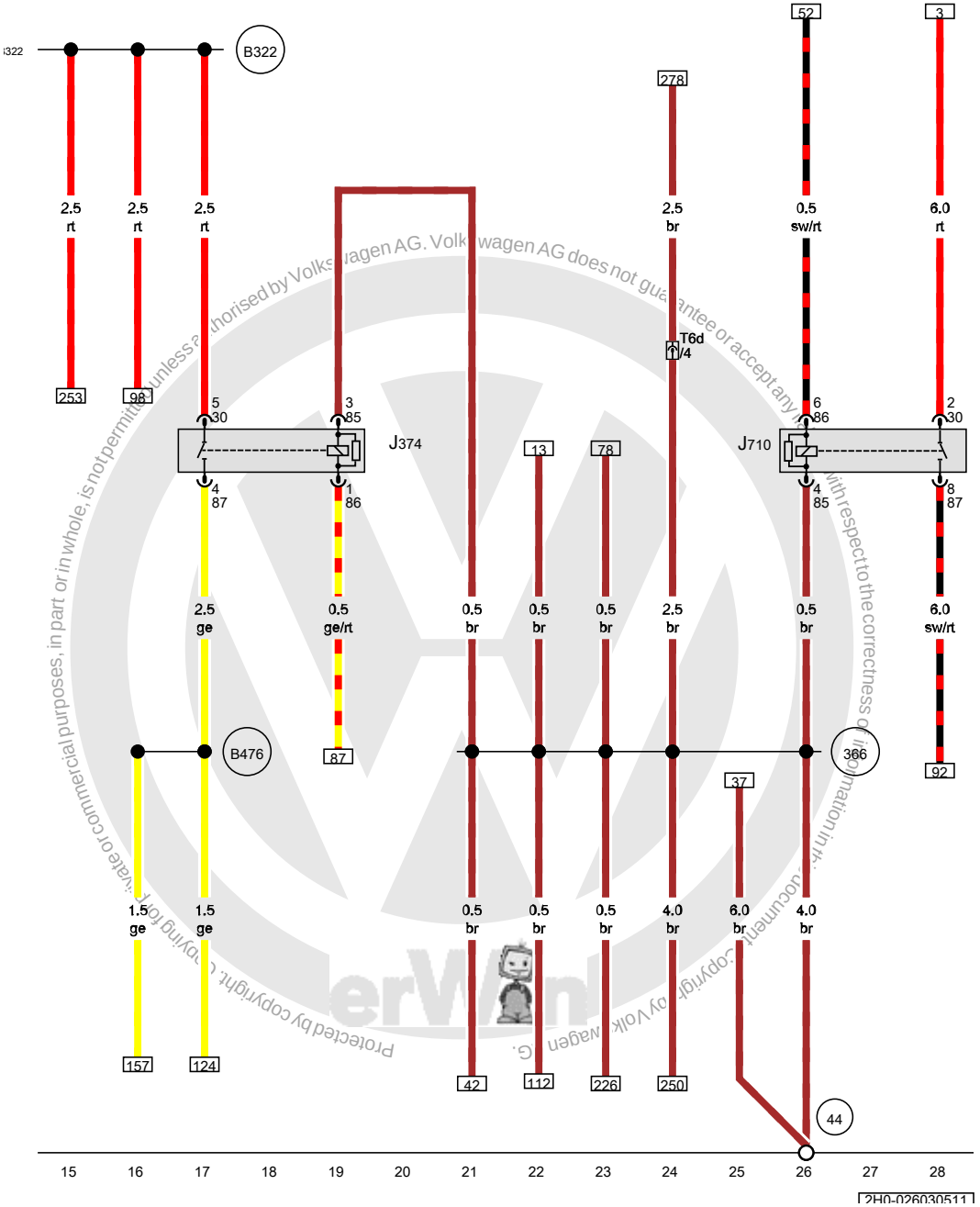

Terminal 58b relief relay, Voltage supply relay 2

J374	Terminal 58b relief relay
J710	Voltage supply relay 2
T6d	6-pin connector, on relay carrier
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
B322	Positive connection 8 (30a) in main wiring harness
B476	Connection 12, in main wiring harness

ws	=	white
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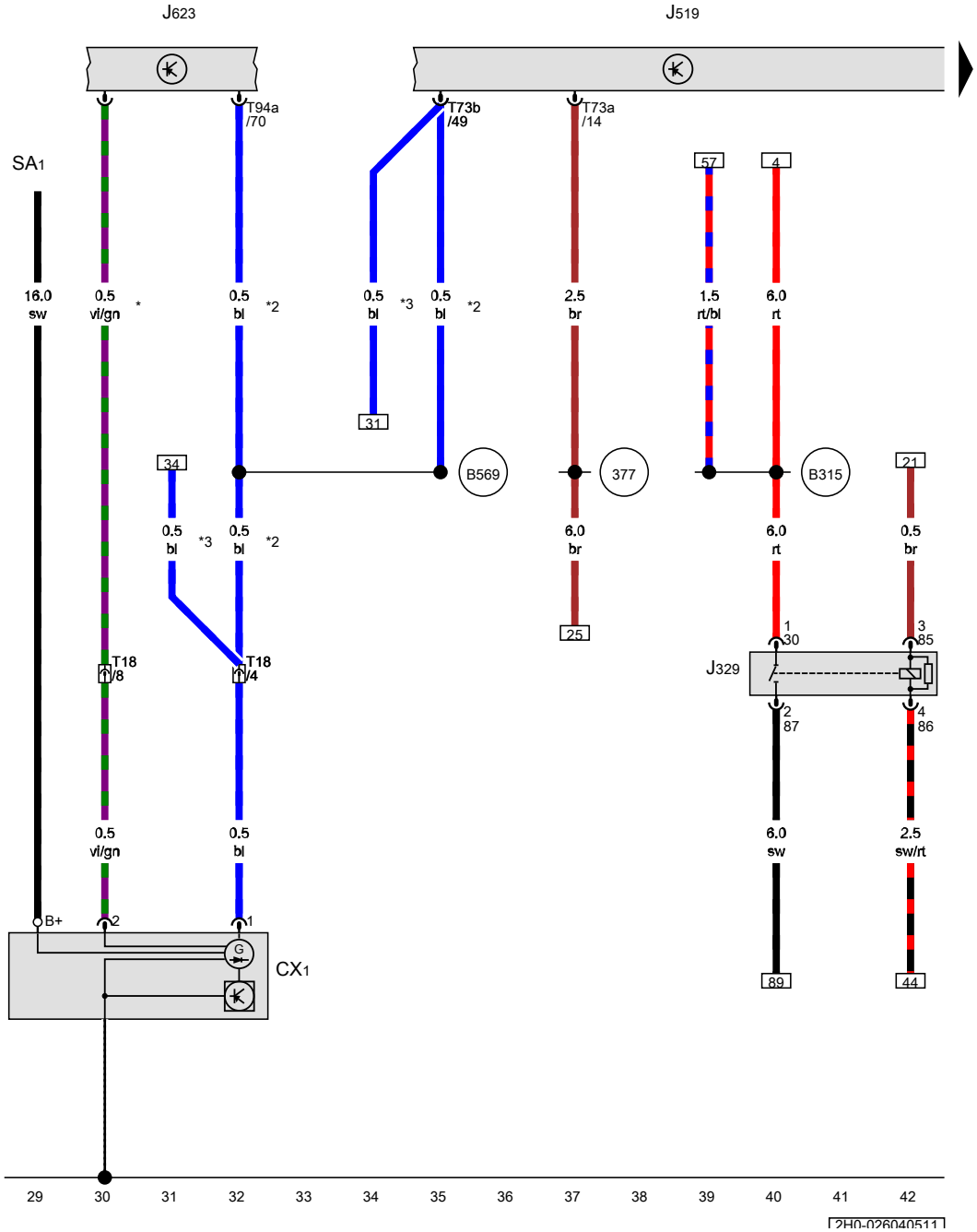

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ro = red
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gn = green
bl = blue
gr = grey
li = purple
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or = orange
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Alternator with voltage regulator, Terminal 15 voltage supply relay, Onboard supply control unit

CX1	Alternator with voltage regulator
J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
J623	Engine control unit
SA1	Fuse 1 in fuse holder A
T18	18-pin connector, near engine control unit
T73a	73-pin connector
T73b	73-pin connector
T94a	94-pin connector
377	Earth connection 12, in main wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B569	Connection 36, in main wiring harness
*	see applicable current flow diagram for engine
*2	Only models with diesel engines
*3	Only models with petrol engine

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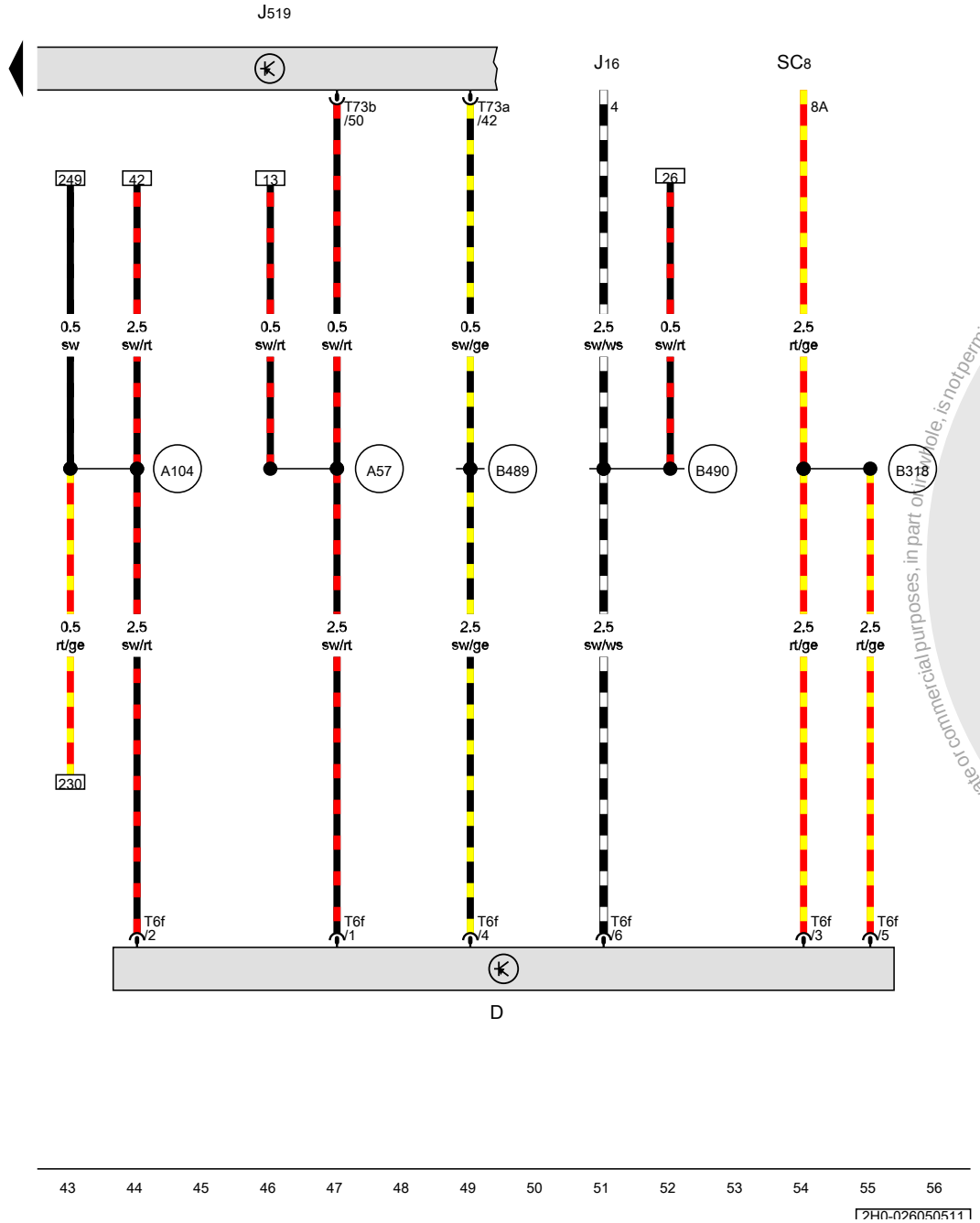

Ignition/starter switch, Onboard supply control unit

D	Ignition/starter switch
J16	Current supply relay
J519	Onboard supply control unit
SC8	Fuse 8 on fuse holder C
T6f	6-pin connector
T73a	73-pin connector
T73b	73-pin connector
A57	Positive connection 3 (30), in dash panel wiring harness
A104	Positive connection 2 (15), in dash panel wiring harness
B318	Positive connection 4 (30a) in main wiring harness
B489	Connection 25, in main wiring harness
B490	Connection 26, in main wiring harness

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gn	=	green
bl	=	blue
gr	=	grey
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or	=	orange
rs	=	pink

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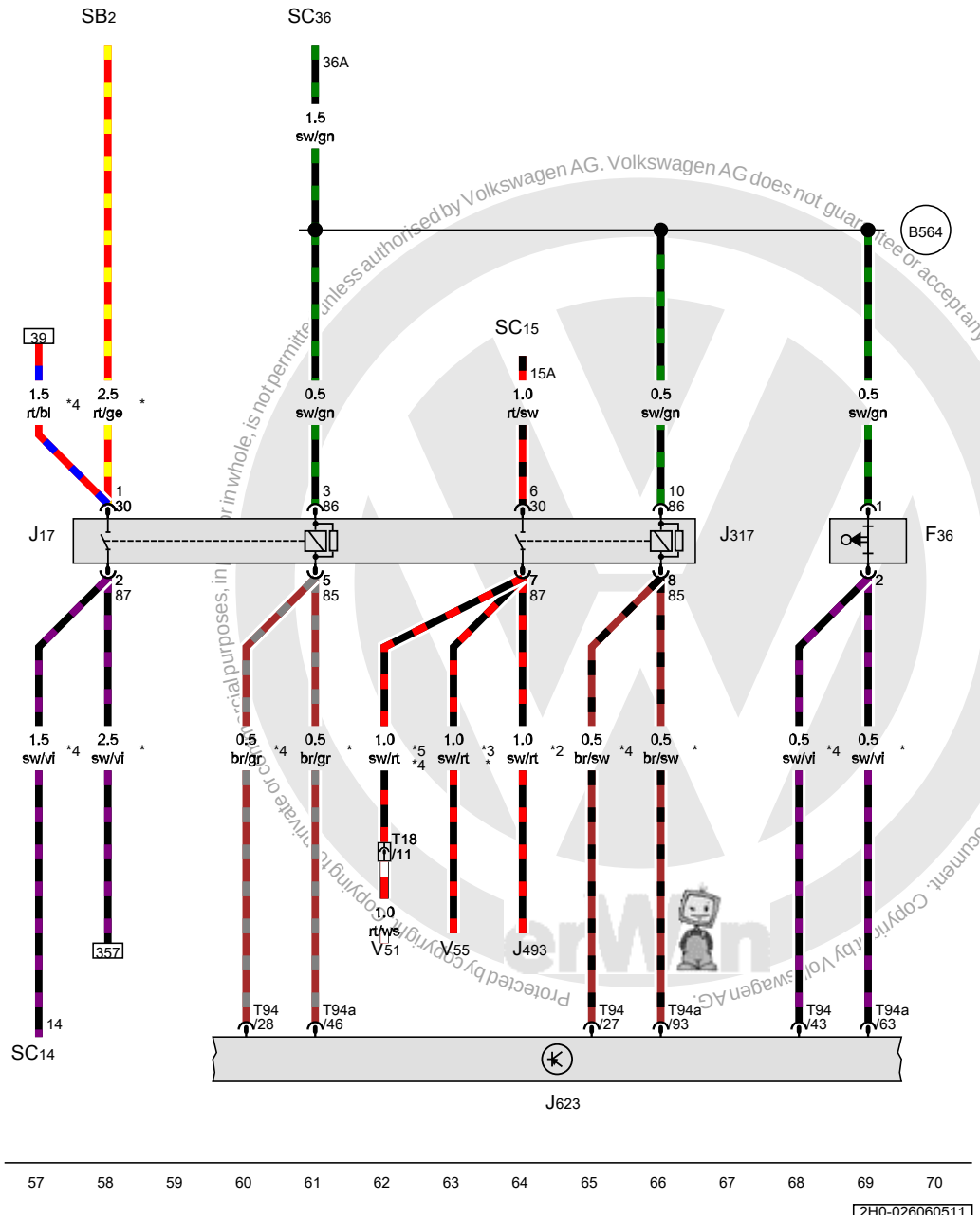
Clutch pedal switch, Fuel pump relay, Terminal 30 voltage supply relay



F36	Clutch pedal switch
J17	Fuel pump relay
J317	Terminal 30 voltage supply relay
J493	Auxiliary coolant heater relay
J623	Engine control unit
SB2	Fuse 2 on fuse holder B
SC14	Fuse 14 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC36	Fuse 36 on fuse holder C
T18	18-pin connector, near engine control unit
T94	94-pin connector
T94a	94-pin connector
V51	Continued coolant circulation pump
V55	Circulation pump
B564	Connection 31, in main wiring harness
*	Only models with diesel engines
*2	Only models with air conditioning system/ Climatronic
*3	Only models with no air conditioning system/Climatronic
*4	Only models with petrol engine
*5	Only models with no Climatronic

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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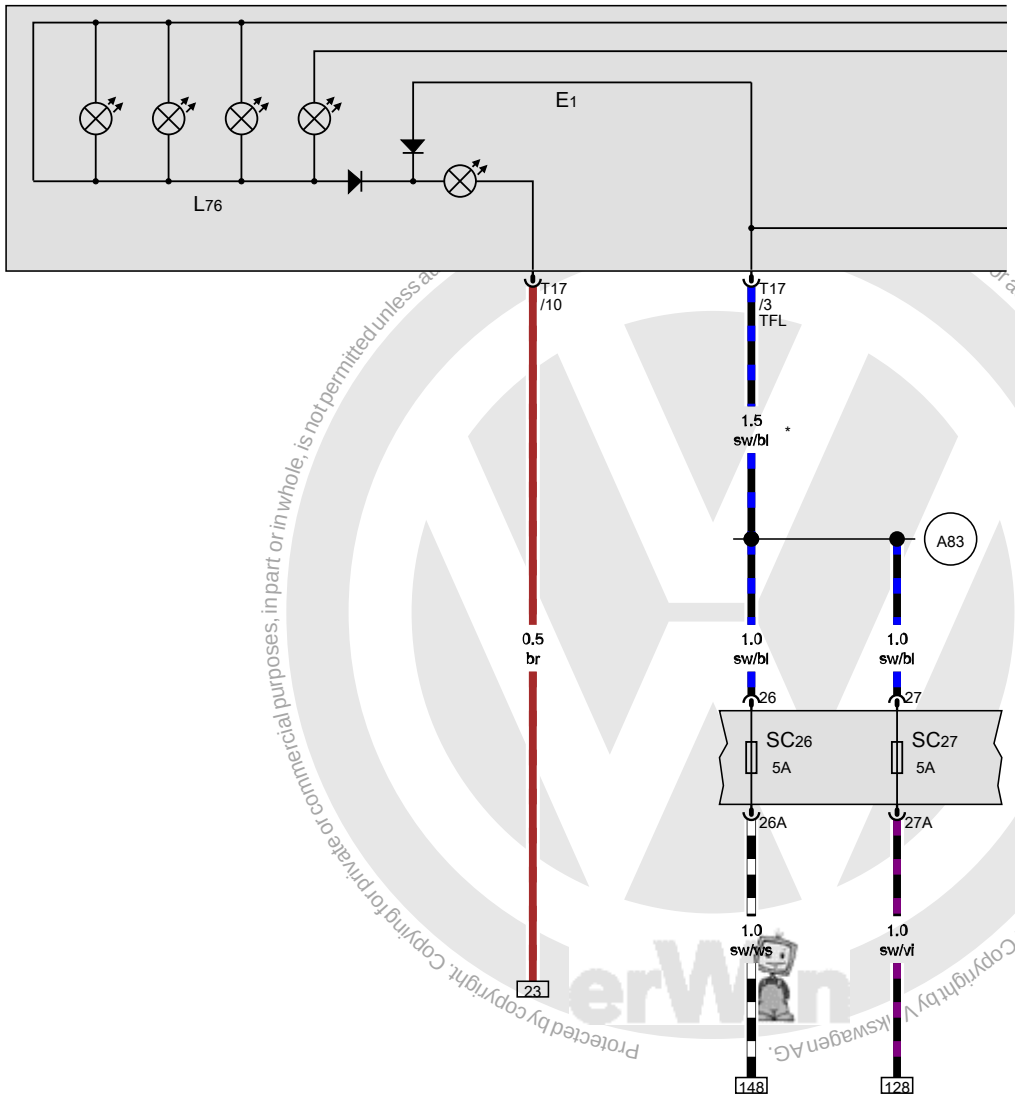

Light switch, Button illumination bulb, Fuse 26 on fuse holder C, Fuse 27 on fuse holder C

E1	Light switch
L76	Button illumination bulb
SC26	Fuse 26 on fuse holder C
SC27	Fuse 27 on fuse holder C
T17	17-pin connector
A83	Connection (daytime running lights), in dash panel wiring harness
*	Only models with daytime running lights

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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or	=	orange
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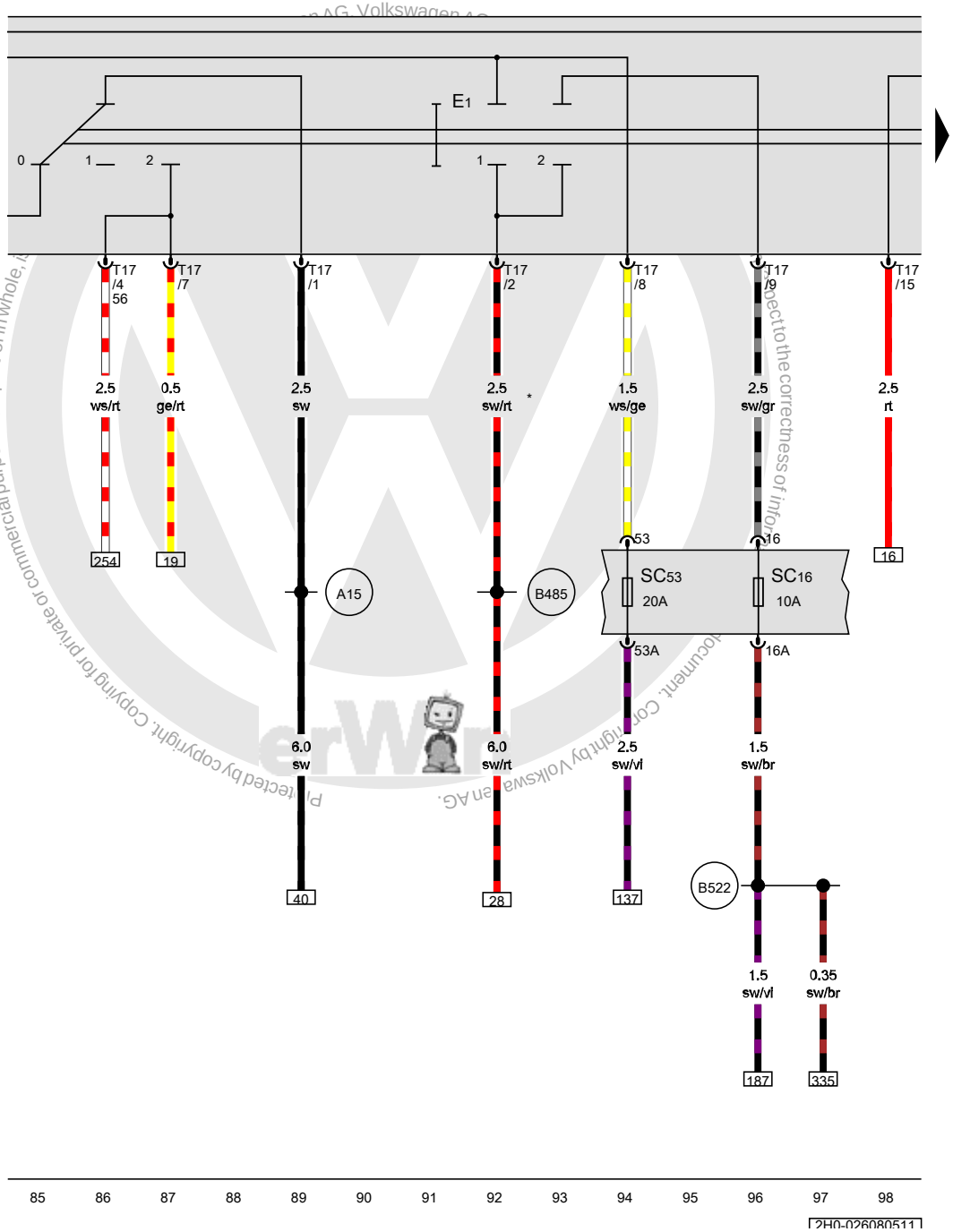

Light switch, Fuse 16 on fuse holder C, Fuse 53 on fuse holder C

E1	Light switch
SC16	Fuse 16 on fuse holder C
SC53	Fuse 53 on fuse holder C
T17	17-pin connector
A15	Positive connection (15), in instrument wiring harness
B485	Connection 21, in main wiring harness
B522	Connection (FL), in main wiring harness
*	Only models with fog lights

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ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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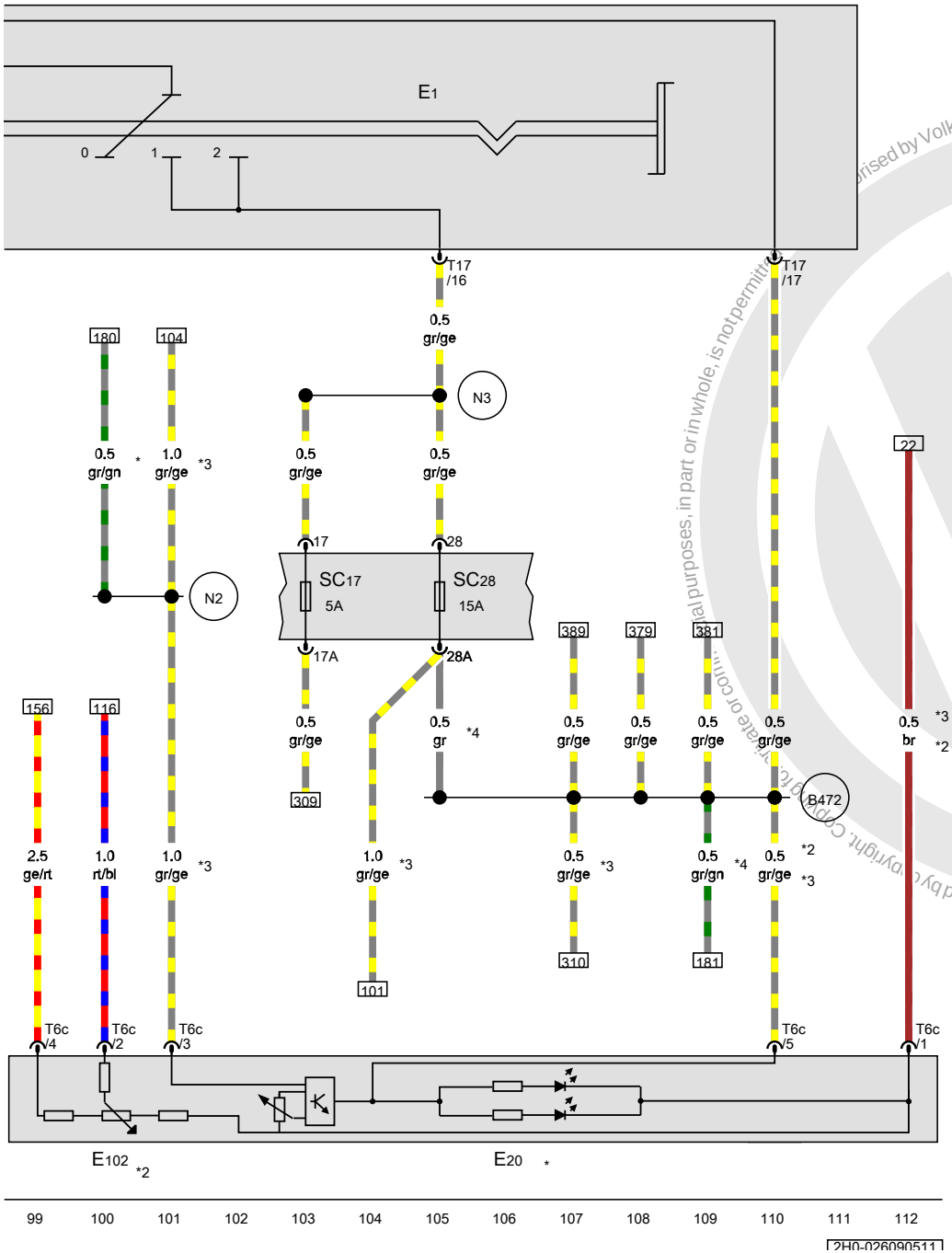

Light switch, Switch and instrument illumination regulator, Headlight range control regulator, Fuse 28 on fuse holder C

E1	Light switch
E20	Switch and instrument illumination regulator
E102	Headlight range control regulator
SC17	Fuse 17 on fuse holder C
SC28	Fuse 28 on fuse holder C
T6c	6-pin connector
T17	17-pin connector
B472	Connection 8, in main wiring harness
N2	Connection 1, in headlight range control wiring harness
N3	Connection 2, in headlight range control wiring harness
*	Only models with dimmable instrument illumination
*2	Only models with headlight range control
*3	Only models with Highline equipment
*4	Only models with no dimmable instrument illumination

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
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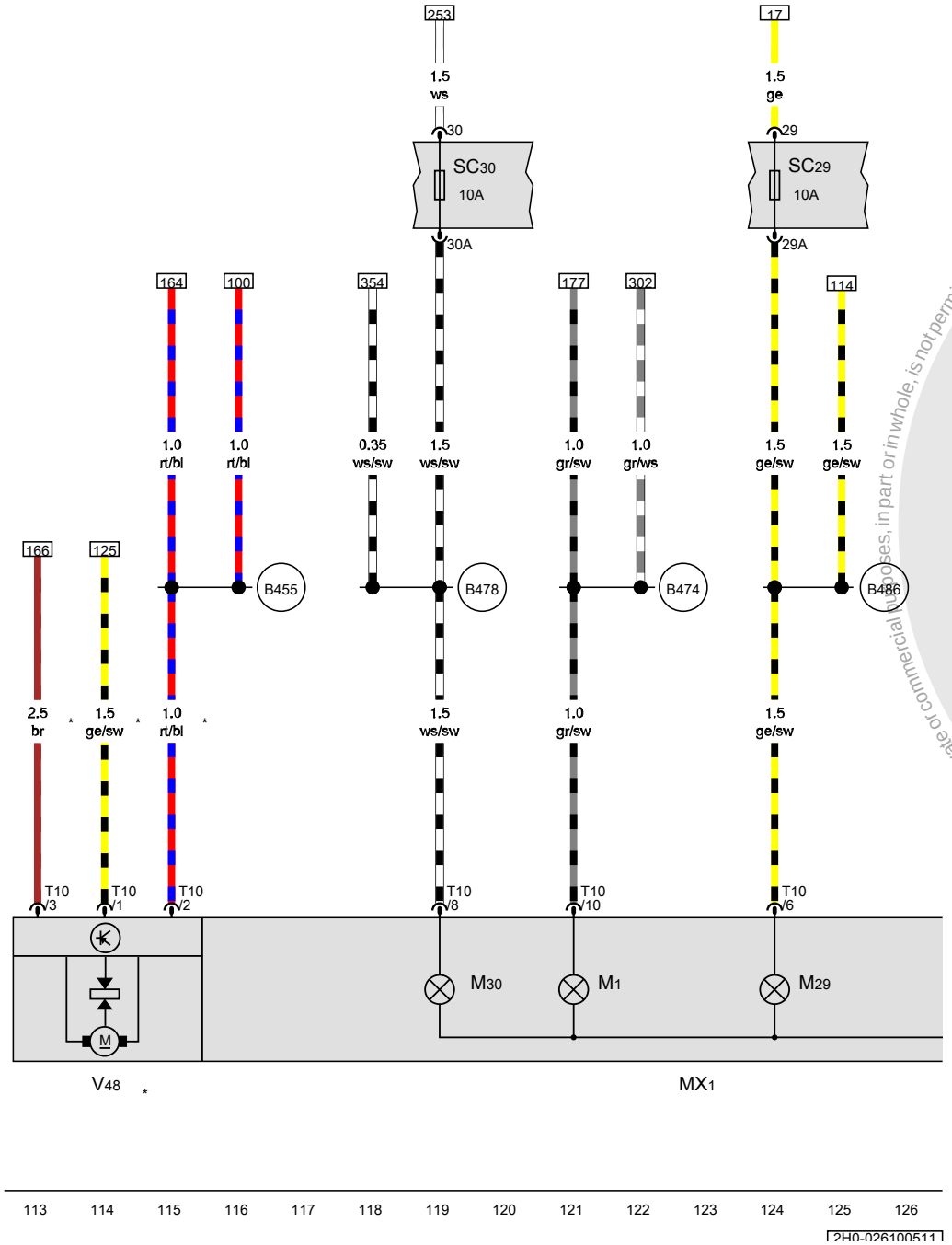

Front left headlight

M1	Left side light bulb
MX1	Front left headlight
M29	Left headlight dipped beam bulb
M30	Left headlight main beam bulb
SC29	Fuse 29 on fuse holder C
SC30	Fuse 30 on fuse holder C
T10	10-pin connector
V48	Left headlight range control motor
B455	Connection (HRC), in main wiring harness
B474	Connection 10, in main wiring harness
B478	Connection 14, in main wiring harness
B486	Connection 22, in main wiring harness
*	Only models with headlight range control

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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or	=	orange
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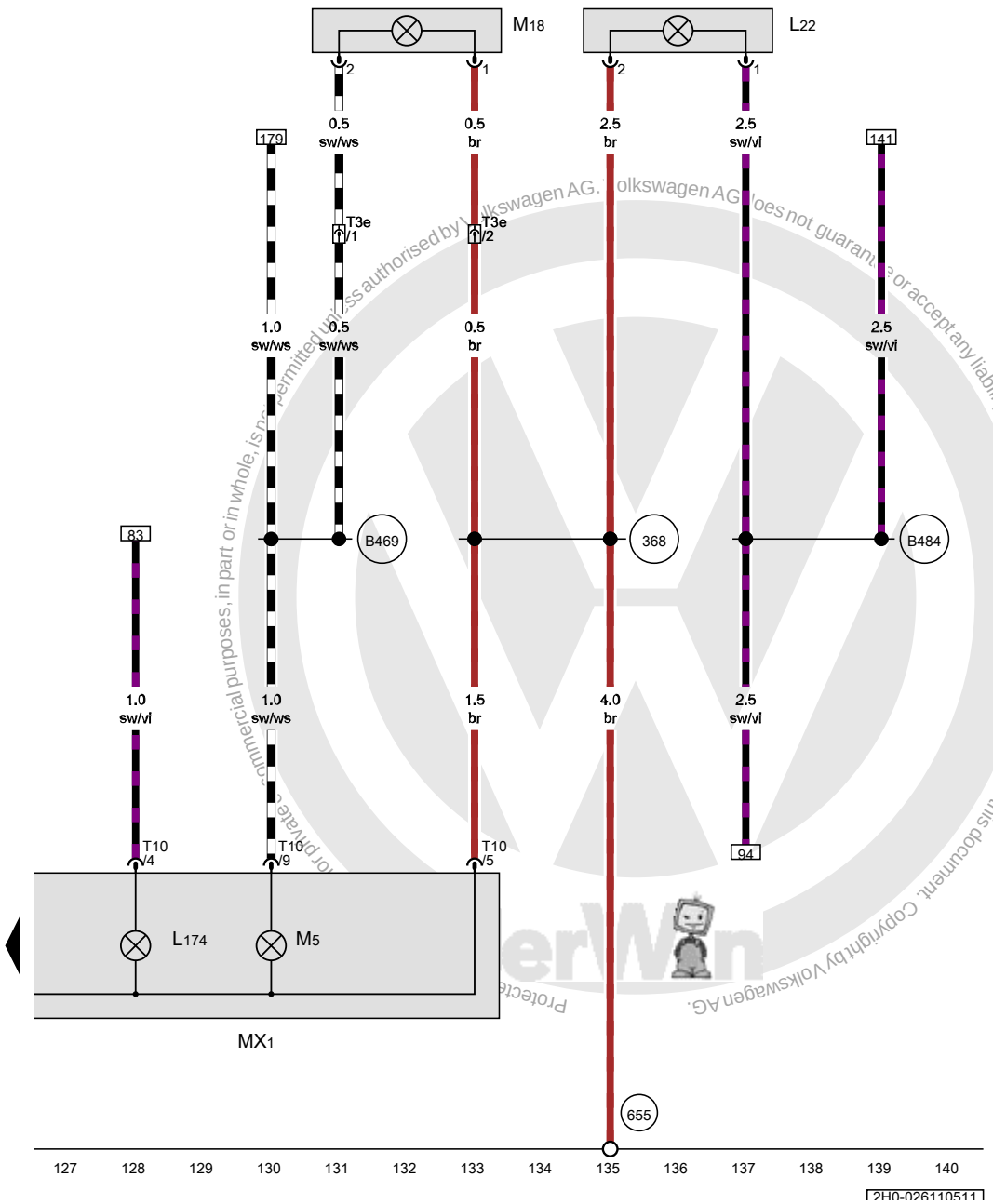

Left fog light bulb, Front left headlight, Left turn signal repeater bulb

L22	Left fog light bulb
L174	Left daytime running light bulb
MX1	Front left headlight
M5	Front left turn signal bulb
M18	Left turn signal repeater bulb
T3e	3-pin connector, in rear left of engine compartment
T10	10-pin connector
368	Earth connection 3, in main wiring harness
655	Earth point, on left headlight, on left on bulkhead
B469	Connection 5, in main wiring harness
B484	Connection 20, in main wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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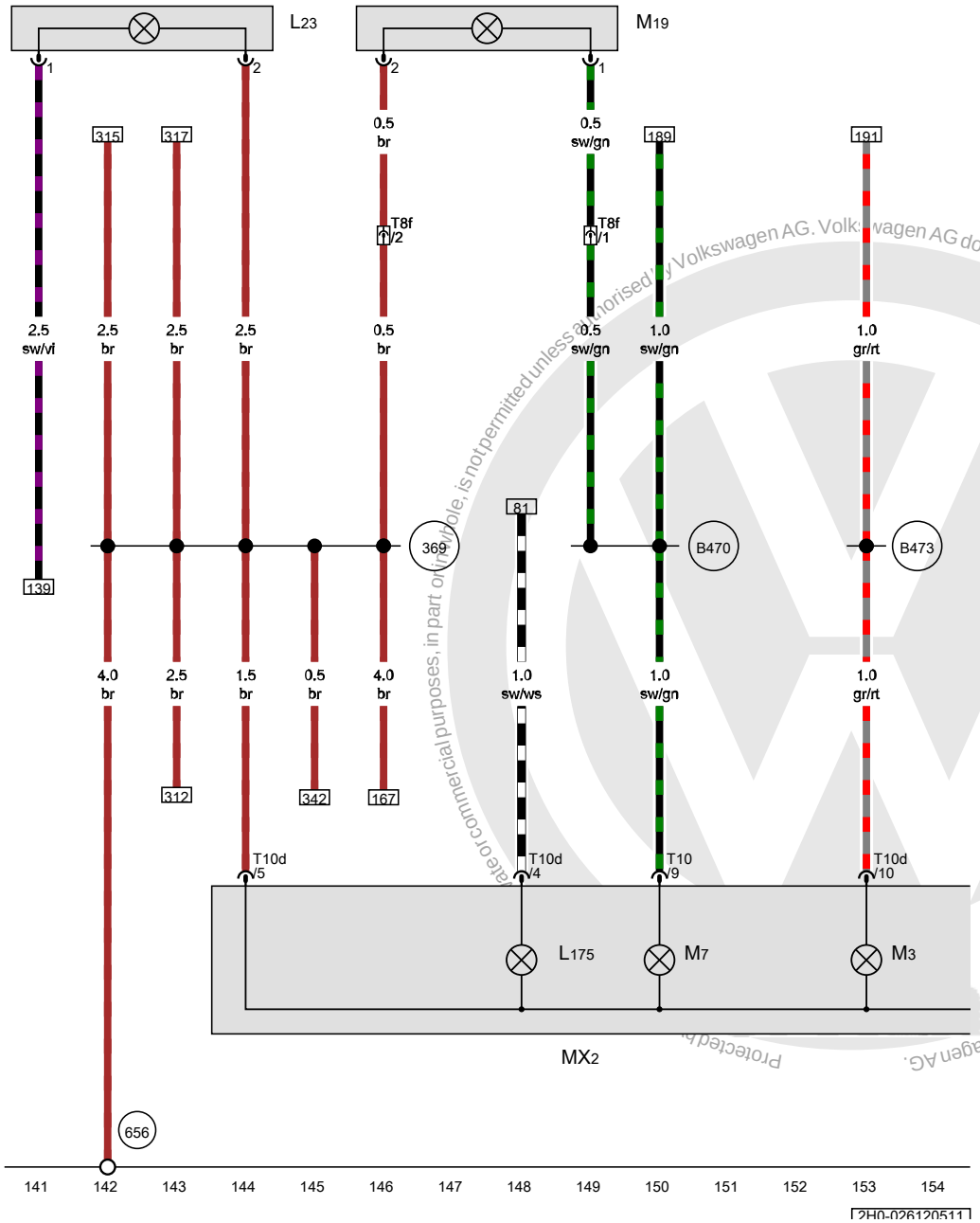

Right fog light bulb, Front right headlight, Right turn signal repeater bulb

L23	Right fog light bulb
L175	Right daytime running light bulb
MX2	Front right headlight
M3	Right side light bulb
M7	Front right turn signal bulb
M19	Right turn signal repeater bulb
T8f	8-pin connector, in rear right of engine compartment
T10	10-pin connector
T10d	10-pin connector
369	Earth connection 4, in main wiring harness
656	Earth point, on right headlight, on right on bulkhead
B470	Connection 6, in main wiring harness
B473	Connection 9, in main wiring harness

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
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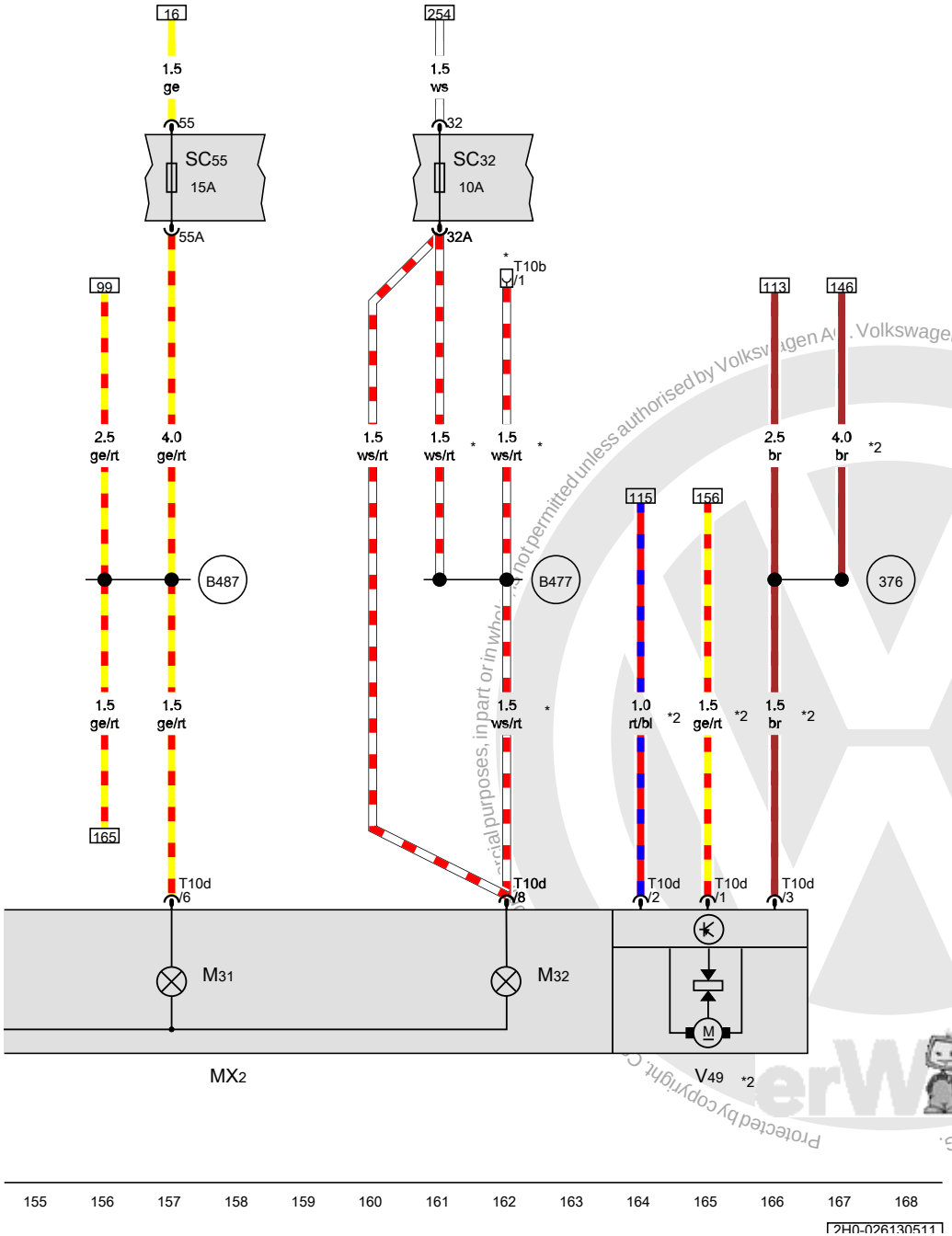

Front right headlight, Fuse 32 on fuse holder C, Fuse 55 on fuse holder C

MX2	Front right headlight
M31	Right headlight dipped beam bulb
M32	Right headlight main beam bulb
SC32	Fuse 32 on fuse holder C
SC55	Fuse 55 on fuse holder C
T10b	10-pin connector, behind dash panel, centre
T10d	10-pin connector
V49	Right headlight range control motor
376	Earth connection 11, in main wiring harness
B477	Connection 13, in main wiring harness
B487	Connection 23, in main wiring harness
*	Only models with electric interface for external use
*2	Only models with headlight range control

ws	=	white
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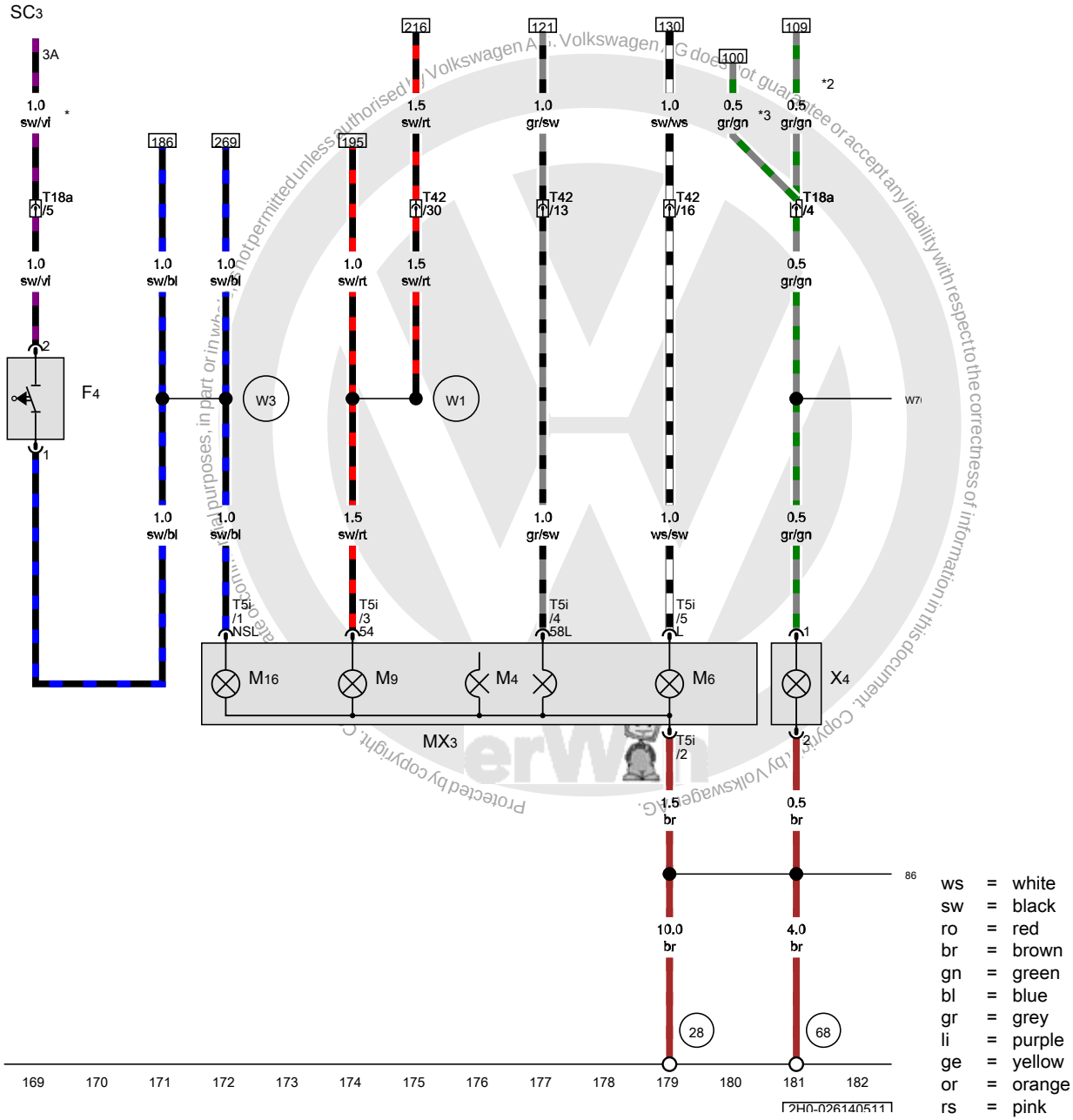

ws = white
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li = purple
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Reversing light switch, Left tail light, Fuse 3 on fuse holder C, Left number plate light

F4	Reversing light switch
MX3	Left tail light
M4	Left tail light bulb
M6	Rear left turn signal bulb
M9	Left brake light bulb
M16	Left reversing light bulb
SC3	Fuse 3 on fuse holder C
T5i	5-pin connector
T18a	18-pin connector, near engine control unit
T42	42-pin connector, near handbrake lever
X4	Left number plate light
28	Earth point, on bulkhead
68	Earth point, on left of rear cross member
86	Earth connection 1, in rear wiring harness
W1	Positive connection 1 (54), in rear wiring harness
W3	Connection in rear wiring harness
W70	Positive connection 2 (58), in number plate wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Only models with no dimmable instrument illumination
*3	Only models with dimmable instrument illumination

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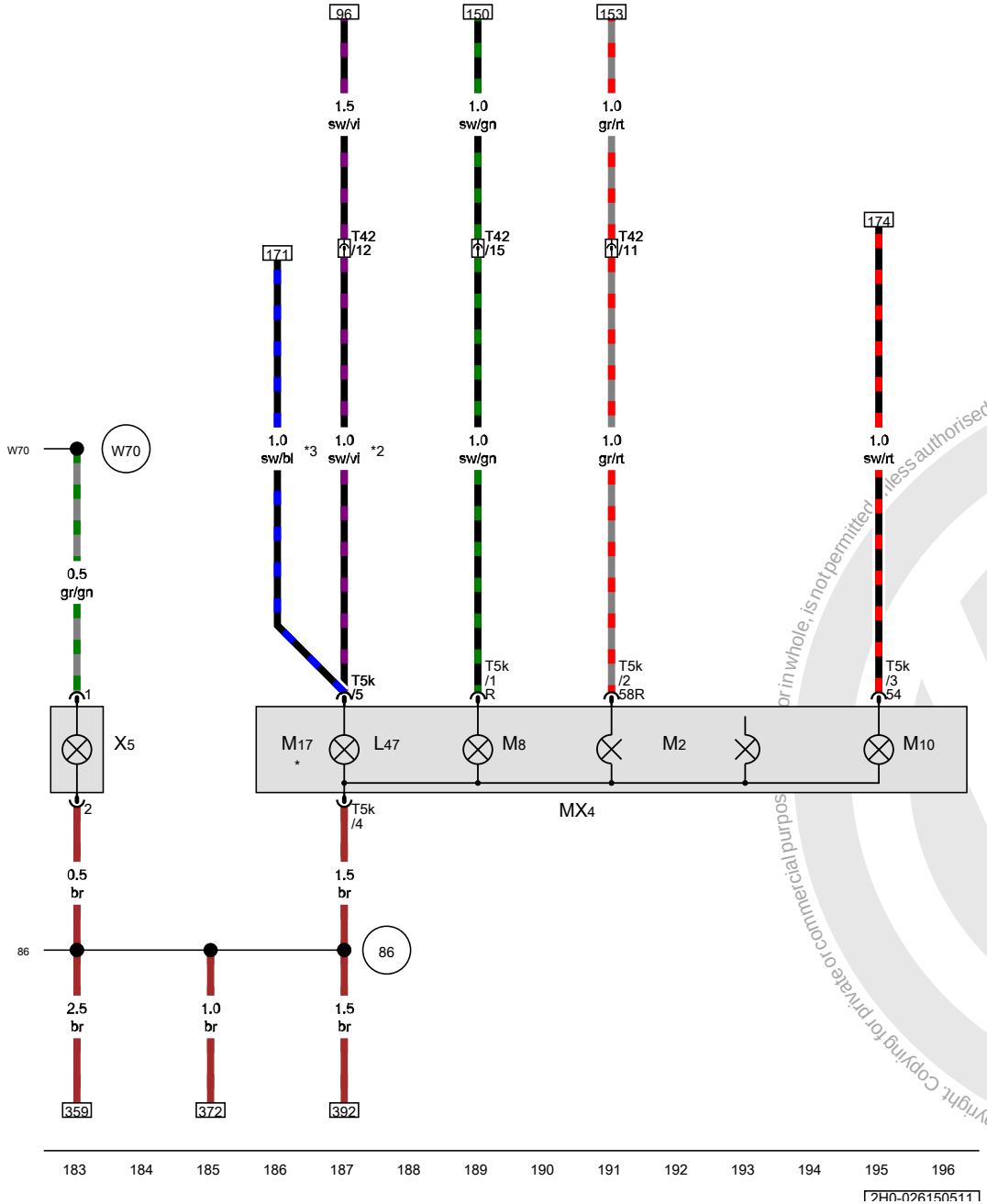
Right tail light, Right number plate light

L47	Rear right fog light bulb
M2	Right tail light bulb
MX4	Right tail light
M8	Rear right turn signal bulb
M10	Right brake light bulb
M17	Right reversing light bulb
T5k	5-pin connector
T42	42-pin connector, near handbrake lever
X5	Right number plate light
86	Earth connection 1, in rear wiring harness
W70	Positive connection 2 (58), in number plate wiring harness
*	According to equipment
*2	Only models with rear fog lights
*3	Only models with no rear fog light



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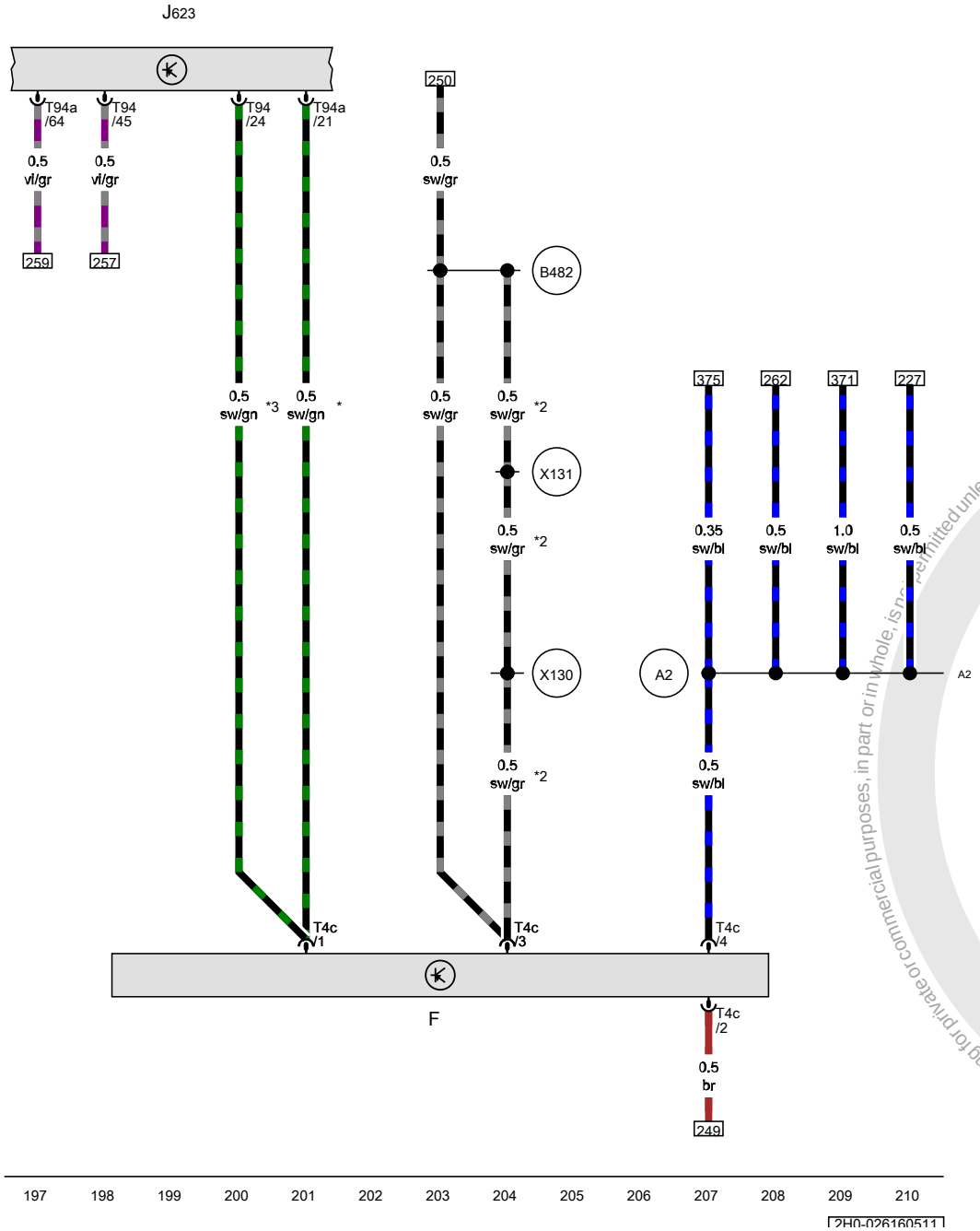

Brake light switch

F	Brake light switch
J623	Engine control unit
T4c	4-pin connector
T94	94-pin connector
T94a	94-pin connector
A2	Positive connection (15), in dash panel wiring harness
B482	Connection 18, in main wiring harness
X130	Connection 3, in optional equipment wiring harness
X131	Connection 4, in optional equipment wiring harness
*	Contact bridge, only models with diesel engine
*2	Only models with electric interface for external use
*3	Only models with petrol engine

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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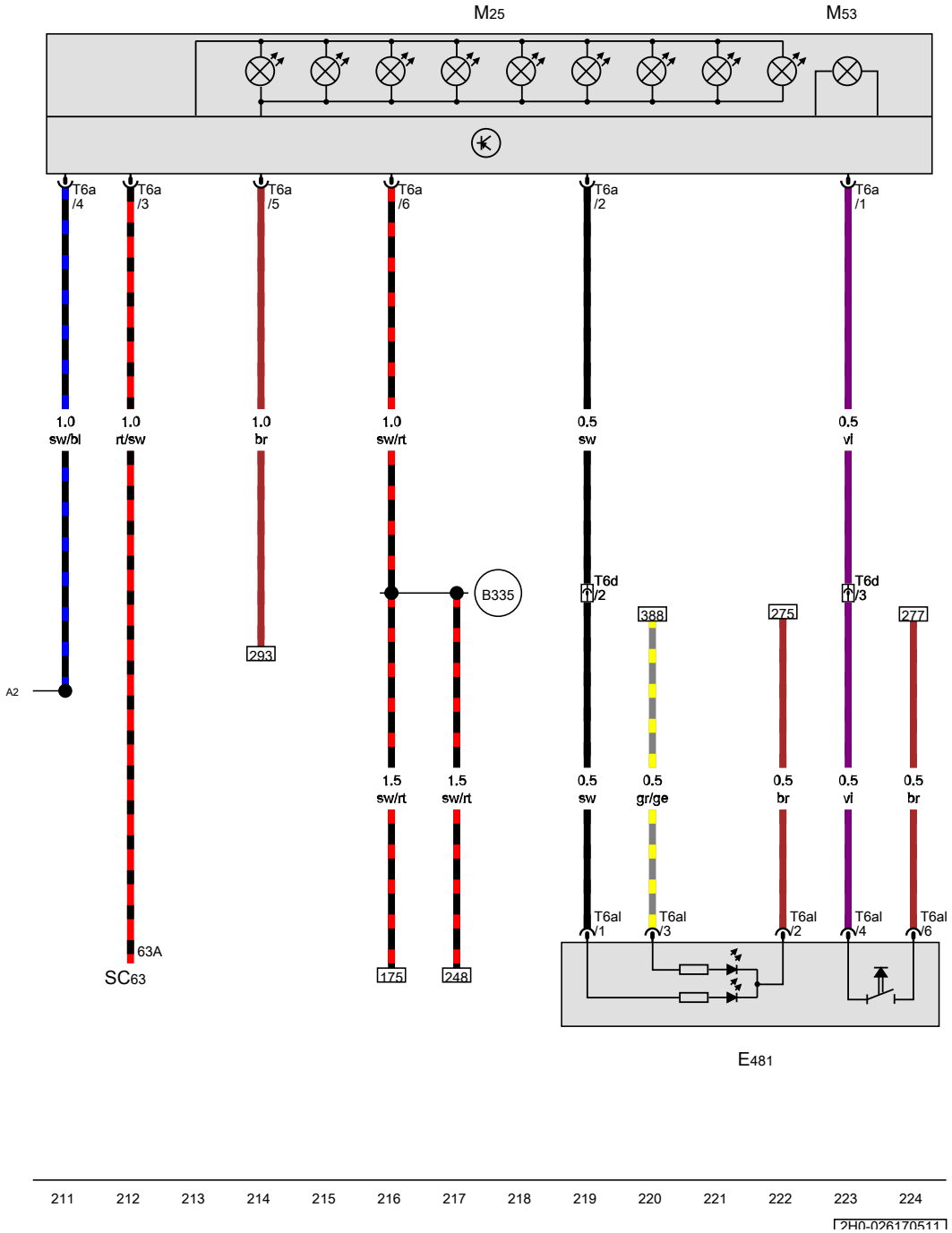

Load area illumination switch, Additional brake light bulb, Load area illumination bulb

E481	Load area illumination switch, near radio
M25	Additional brake light bulb
M53	Load area illumination bulb
SC63	Fuse 63 on fuse holder C
T6a	6-pin connector
T6al	6-pin connector
T6d	6-pin connector, on relay carrier
A2	Positive connection (15), in dash panel wiring harness
B335	Connection 1 (54), in main wiring harness

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ro	=	red
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gn	=	green
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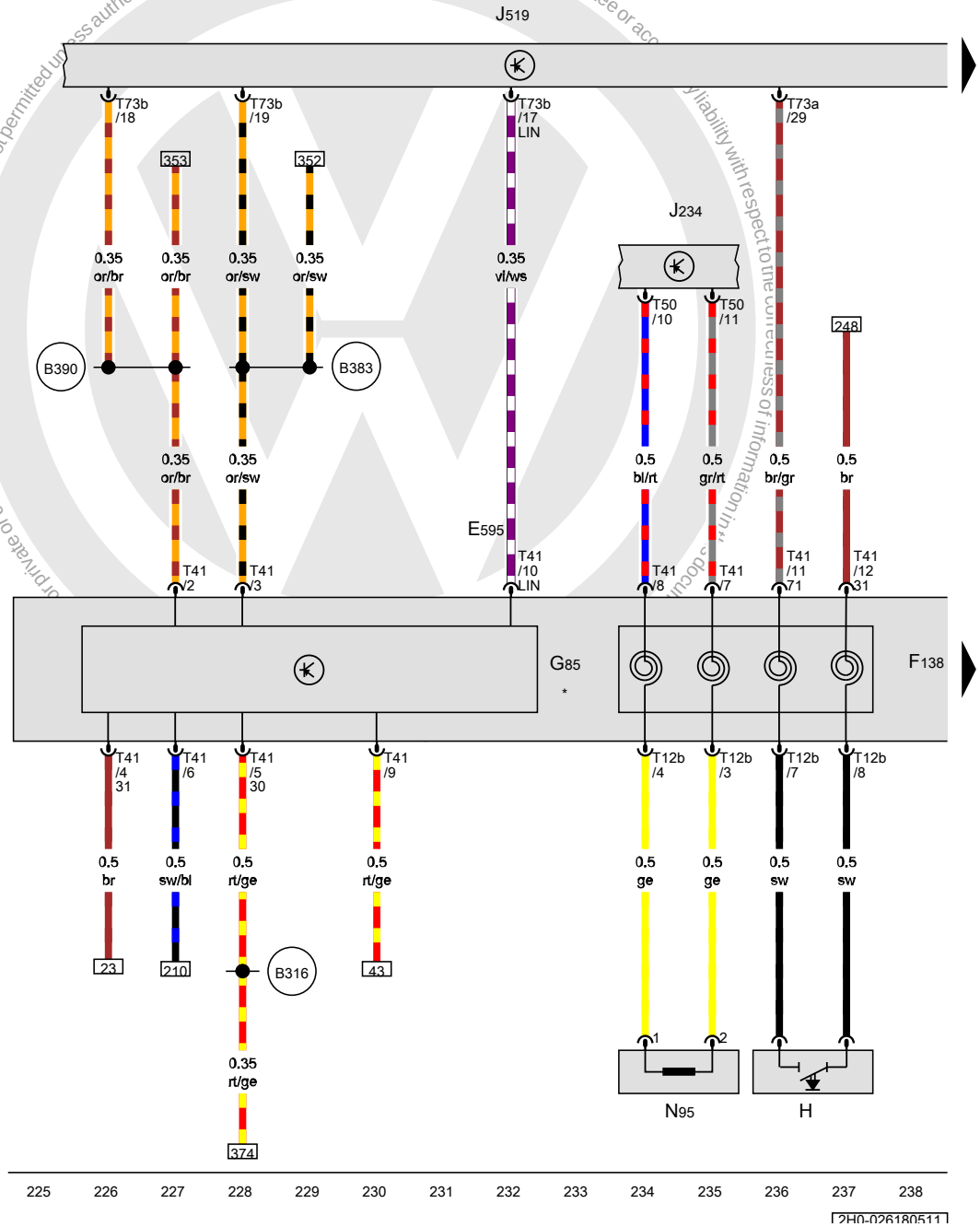

Steering column combination switch, Steering angle sender, Horn plate

E595	Steering column combination switch
F138	Airbag coil connector and return ring with slip ring
G85	Steering angle sender
H	Horn plate
J234	Airbag control unit
J519	Onboard supply control unit, near driver side A-pillar
N95	Driver side airbag igniter
T12b	12-pin connector
T41	41-pin connector
T50	50-pin connector
T73a	73-pin connector
T73b	73-pin connector
B316	Positive connection 2 (30a) in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	Only models with anti-lock brake system (ABS) and electronic stabilisation program (ESP)

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
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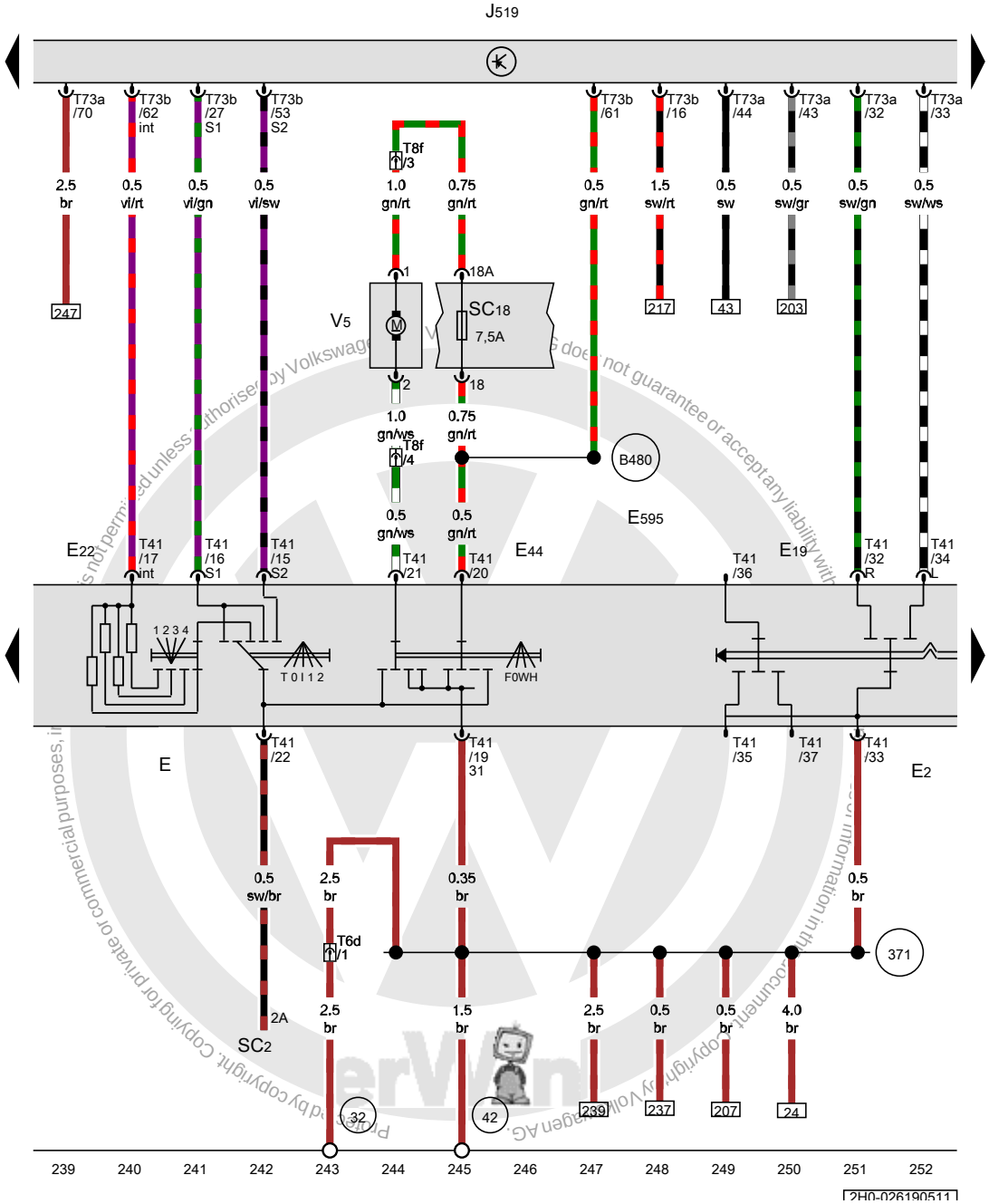

Turn signal switch, Steering column combination switch, Washer pump

E	Windscreen wiper switch
E2	Turn signal switch
E19	Parking light switch
E22	Intermittent wiper switch
E44	Washer pump switch (automatic wash/wipe and headlight washer system)
E595	Steering column combination switch
J519	Onboard supply control unit, near driver side A-pillar
SC2	Fuse 2 on fuse holder C
SC18	Fuse 18 on fuse holder C
T6d	6-pin connector, on relay carrier
T8f	8-pin connector, in rear right of engine compartment
T41	41-pin connector
T73a	73-pin connector
T73b	73-pin connector
V5	Washer pump
32	Earth point, on left behind dash panel
42	Earth point, next to steering column
371	Earth connection 6, in main wiring harness
B480	Connection 16, in main wiring harness

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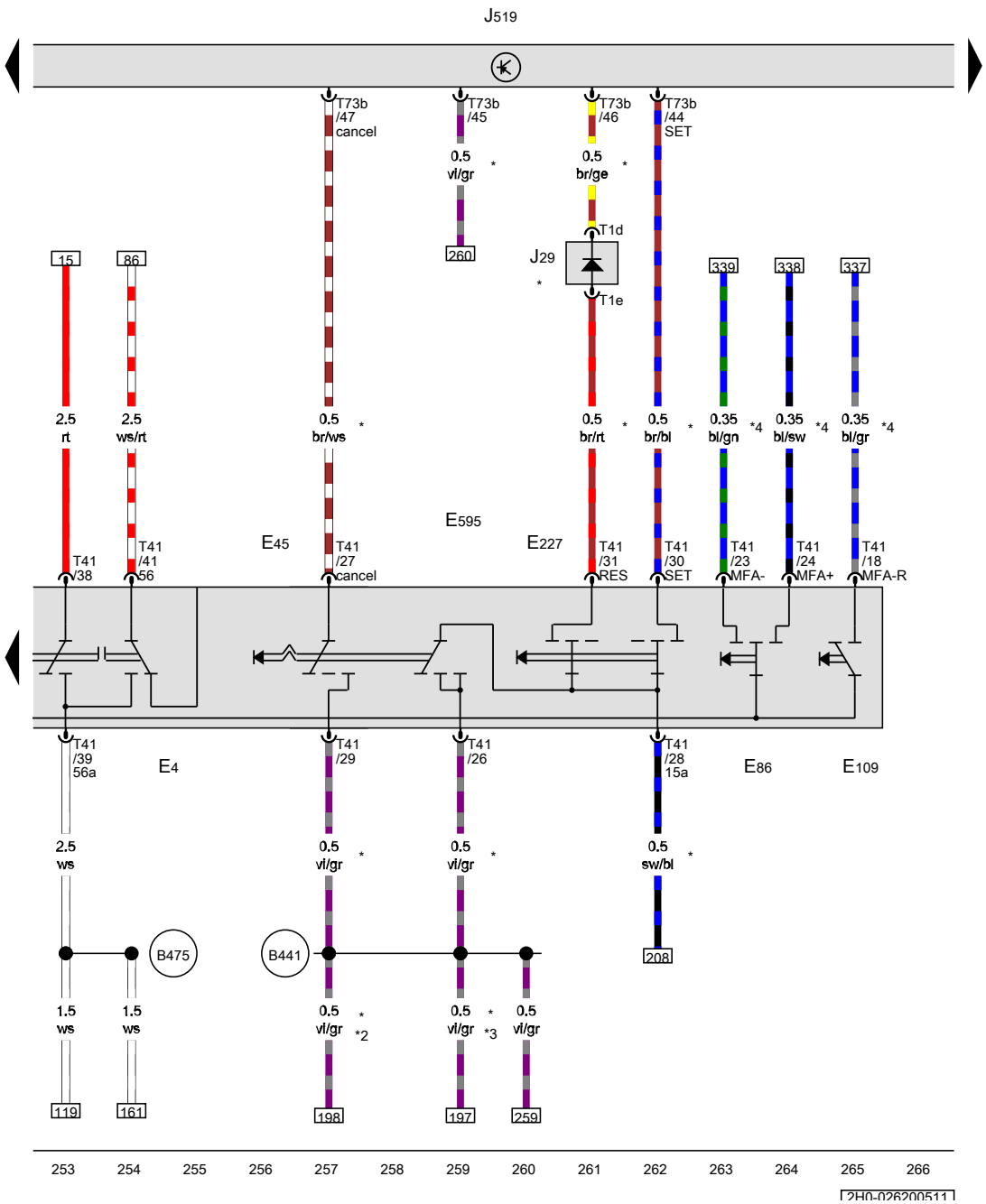

Multifunction display call-up button, Cruise control system (CCS) SET button, Steering column combination switch

E4	Headlight dipper and flasher switch
E45	Cruise control system switch
E86	Multifunction display call-up button
E109	Multifunction display memory switch
E227	Cruise control system (CCS) SET button
E595	Steering column combination switch
J29	Blocking diode
J519	Onboard supply control unit, near driver side A-pillar
T1d	Single connector
T1e	Single connector
T41	41-pin connector
T73b	73-pin connector
B441	Connection (CCS), in main wiring harness
B475	Connection 11, in main wiring harness
*	Only models with cruise control system (CCS)
*2	Only models with petrol engine
*3	Only models with diesel engines
*4	Only models with multifunction display

ws	=	white
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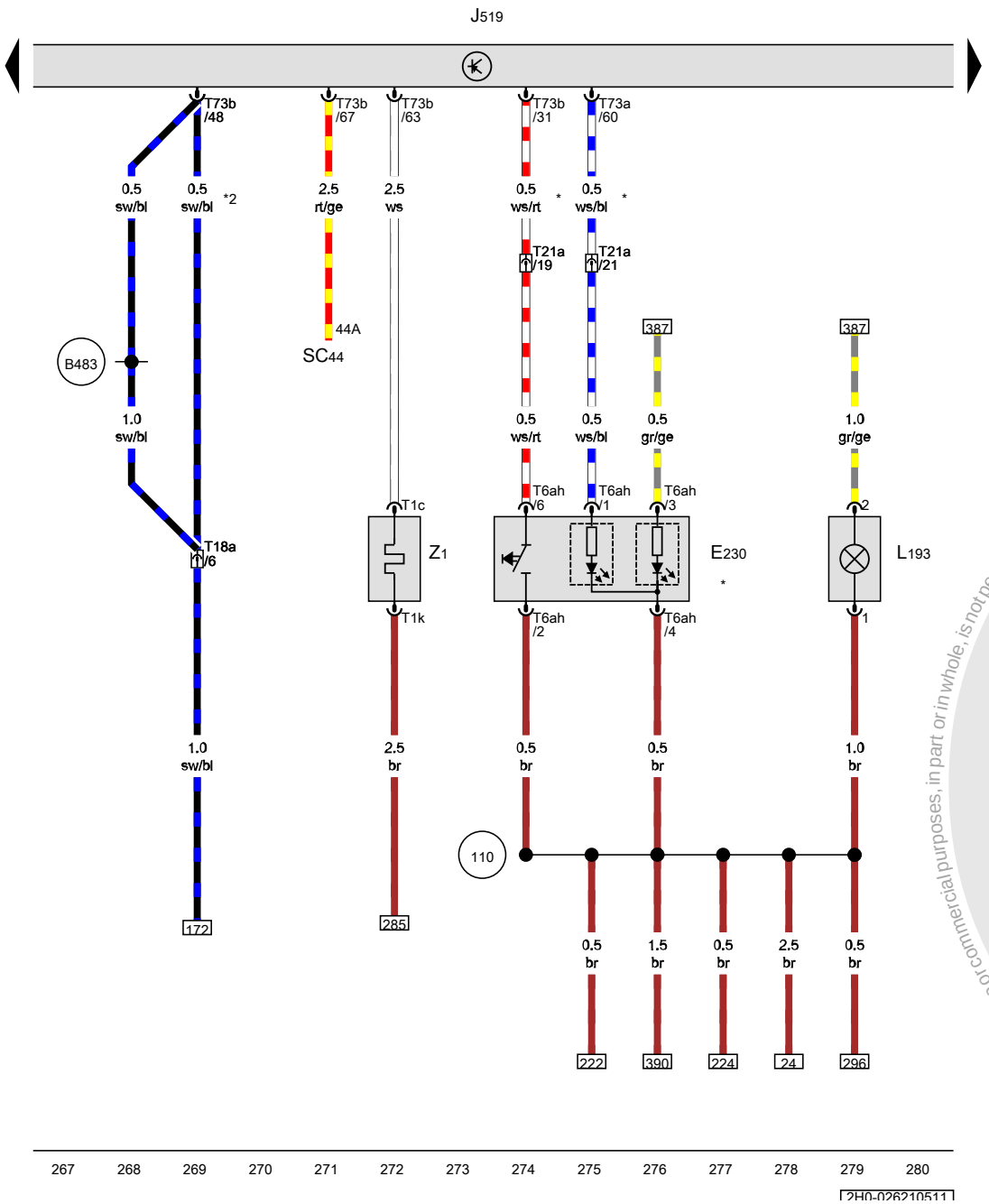

Heated rear window button, Light 1 for front centre console background lighting, Fuse 44 on fuse holder C, Heated rear window

E230	Heated rear window button, near radio
J519	Onboard supply control unit, near driver side A-pillar
L193	Light 1 for front centre console background lighting, in centre of dash panel
SC44	Fuse 44 on fuse holder C
T1c	Single connector
T1k	Single connector
T6ah	6-pin connector
T18a	18-pin connector, near engine control unit
T21a	21-pin connector
T73a	73-pin connector
T73b	73-pin connector
Z1	Heated rear window
110	Earth connection 2, in dash panel wiring harness
B483	Connection 19, in main wiring harness
*	Only models with no air conditioning system/Climatronic
*2	Only models with no electric interface

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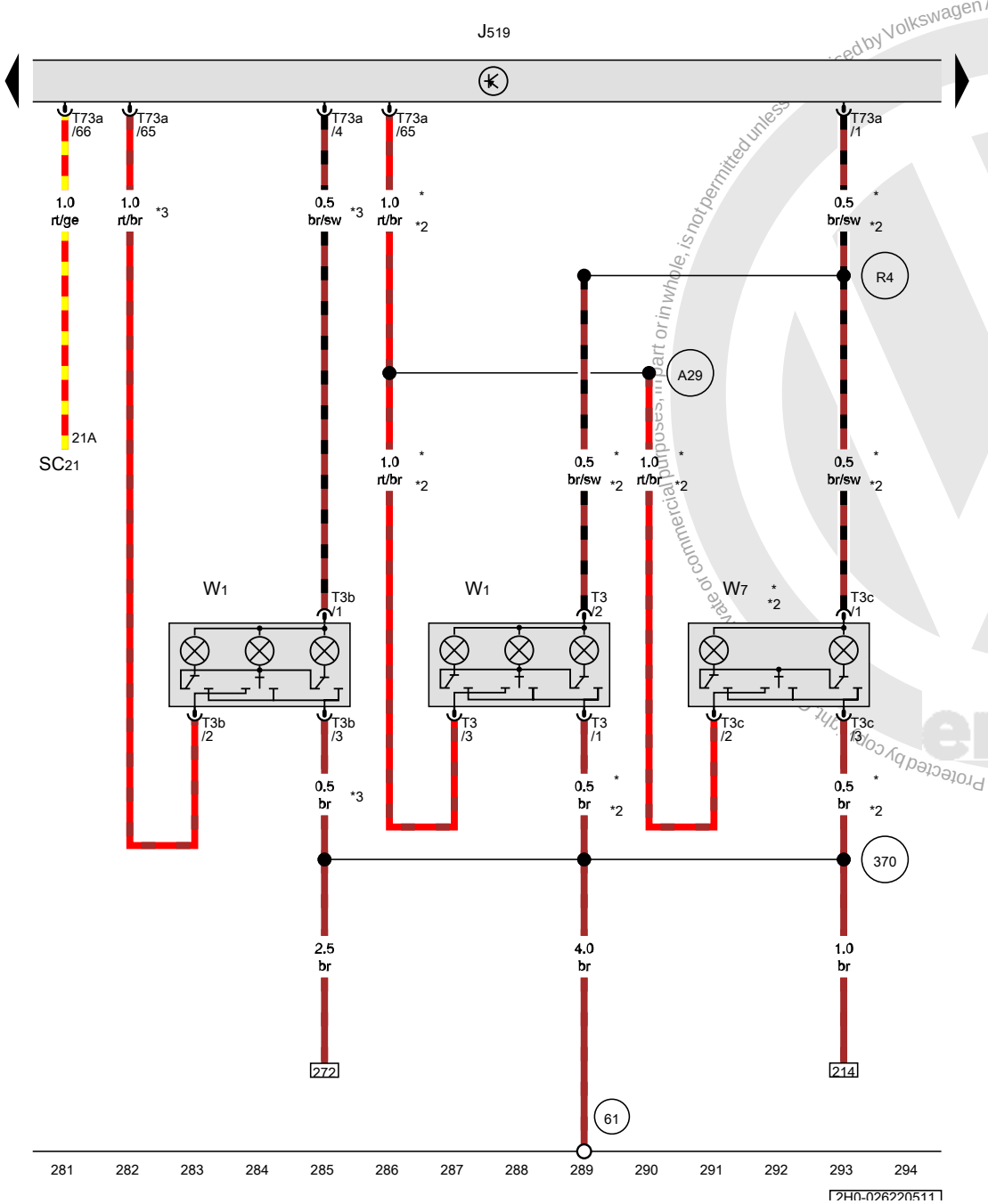

Front interior light, Centre interior light

J519	Onboard supply control unit, near driver side A-pillar
SC21	Fuse 21 on fuse holder C
T3	3-pin connector
T3b	3-pin connector
T3c	3-pin connector
T73a	73-pin connector
W1	Front interior light
W7	Centre interior light
61	Earth point, left C-pillar
370	Earth connection 5, in main wiring harness
A29	Connection (interior light), in dash panel wiring harness
R4	Connection 1, in interior light/door contact switch wiring harness
*	Only models with double cab
*2	Only models with Highline equipment
*3	Only models with basic equipment

ws	=	white
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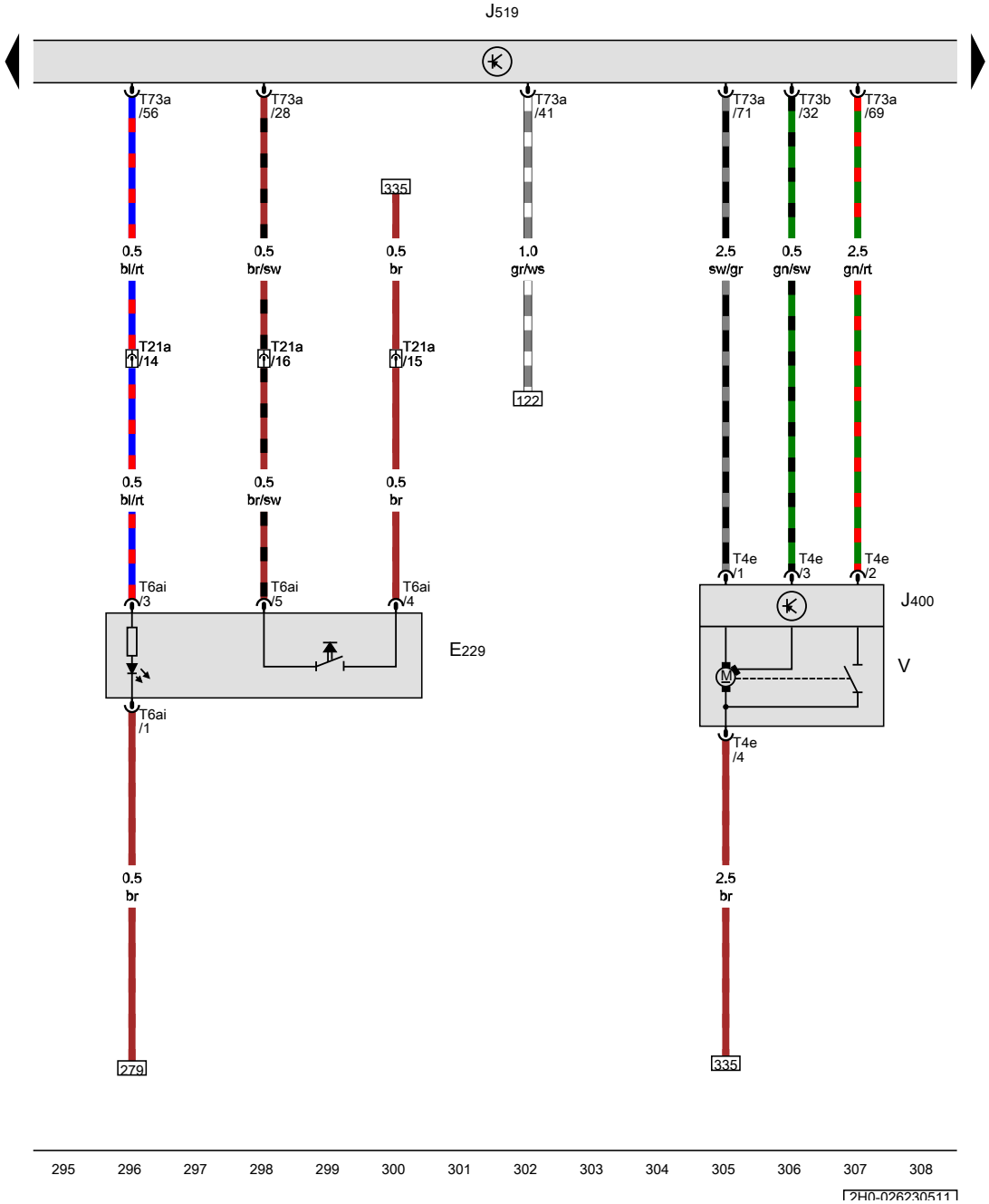

Hazard warning lights button, Windscreen wiper motor

E229	Hazard warning lights button, near radio
J400	Wiper motor control unit
J519	Onboard supply control unit, near driver side A-pillar
T4e	4-pin connector
T6ai	6-pin connector
T21a	21-pin connector, on relay carrier
T73a	73-pin connector
T73b	73-pin connector
V	Windscreen wiper motor

ws	=	white
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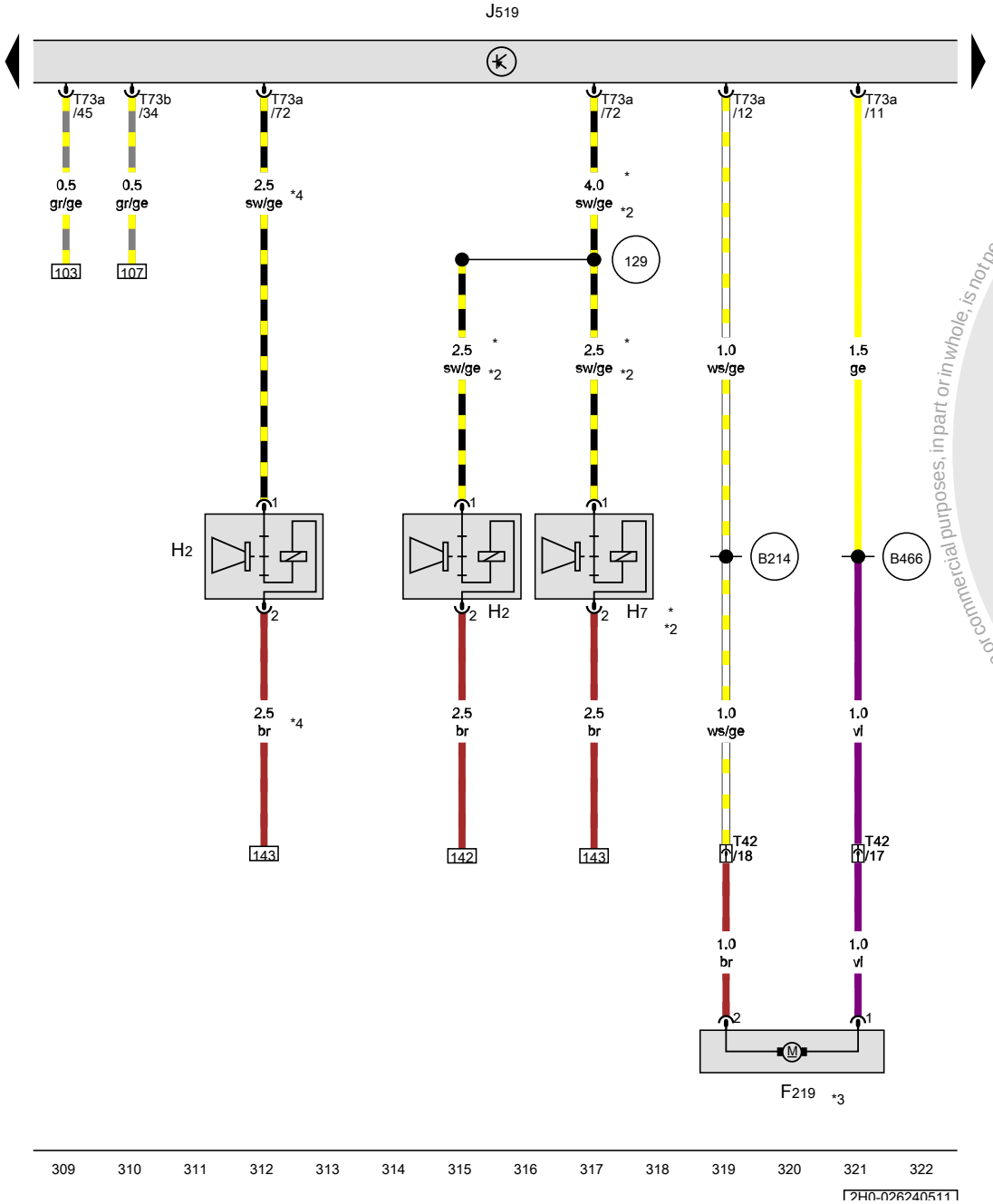
Fuel tank filler flap central locking actuator, Treble horn



F219	Fuel tank filler flap central locking actuator
H2	Treble horn
H7	Bass horn
J519	Onboard supply control unit, near driver side A-pillar
T42	42-pin connector, near handbrake lever
T73a	73-pin connector
T73b	73-pin connector
129	Earth connection, in dual tone horn wiring harness
B214	Connection 1 (central locking), in interior wiring harness
B466	Connection 2, in main wiring harness
*	Only models with Highline equipment
*2	Only models with Trendline equipment
*3	Only models with no central locking
*4	Only models with basic equipment

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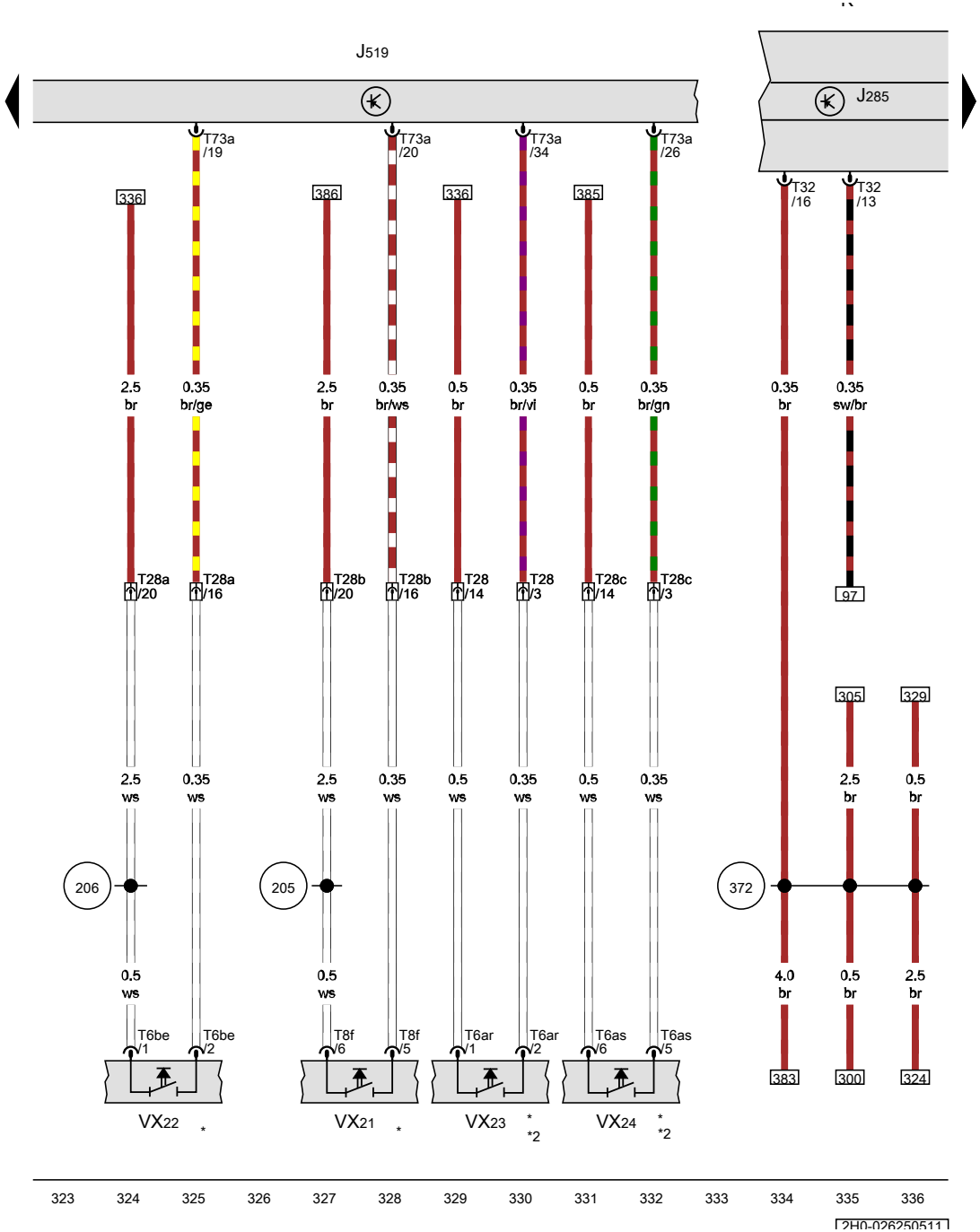

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sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Dash panel insert, Driver door lock unit, Front passenger door lock unit, Rear left door lock unit, Rear right door lock unit

J285	Control unit in dash panel insert
J519	Onboard supply control unit, near driver side A-pillar
K	Dash panel insert
T6ar	6-pin connector
T6as	6-pin connector
T6be	6-pin connector
T8f	8-pin connector
T28	28-pin connector, on left B-pillar
T28a	28-pin connector, on left A-pillar
T28b	28-pin connector, on right A-pillar
T28c	28-pin connector, on right B-pillar
T32	32-pin connector
T73a	73-pin connector
VX21	Driver door lock unit
VX22	Front passenger door lock unit
VX23	Rear left door lock unit
VX24	Rear right door lock unit
205	Earth connection, in driver door wiring harness
206	Earth connection, in front passenger door wiring harness
372	Earth connection 7, in main wiring harness
*	Only models with no central locking
*2	Only models with double cab

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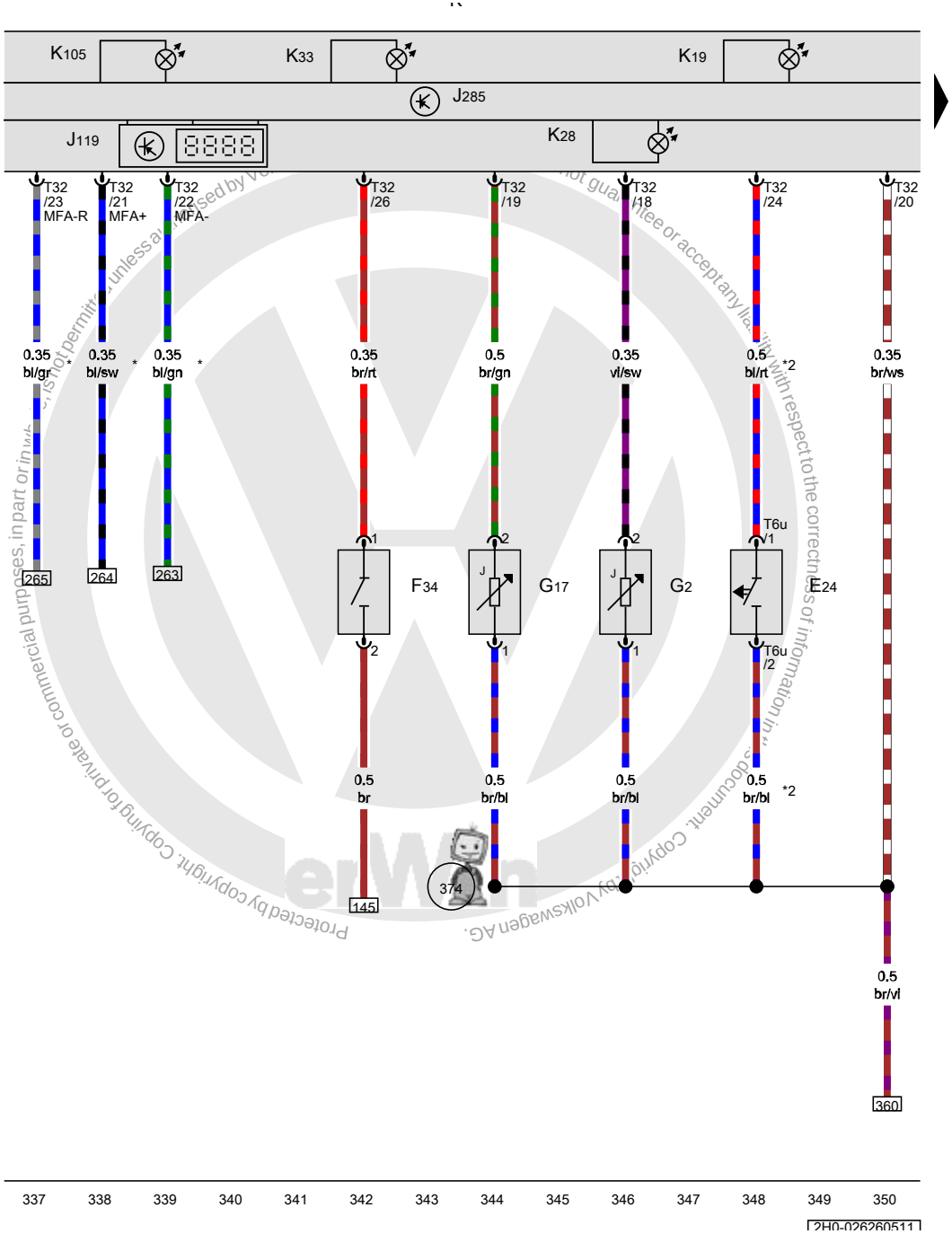

Driver side belt switch, Brake fluid level warning contact, Coolant temperature display sender, Ambient temperature sensor, Multifunction indicator, Dash panel insert, Brake fluid level warning lamp

E24	Driver side belt switch
F34	Brake fluid level warning contact
G2	Coolant temperature display sender
G17	Ambient temperature sensor
J119	Multifunction indicator
J285	Control unit in dash panel insert
K	Dash panel insert
K19	Seat belt warning system warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K33	Brake fluid level warning lamp
K105	Reserve fuel warning lamp
T6u	6-pin connector
T32	32-pin connector
374	Earth connection 9, in main wiring harness
*	Only models with multifunction display
*2	Only models with no airbag

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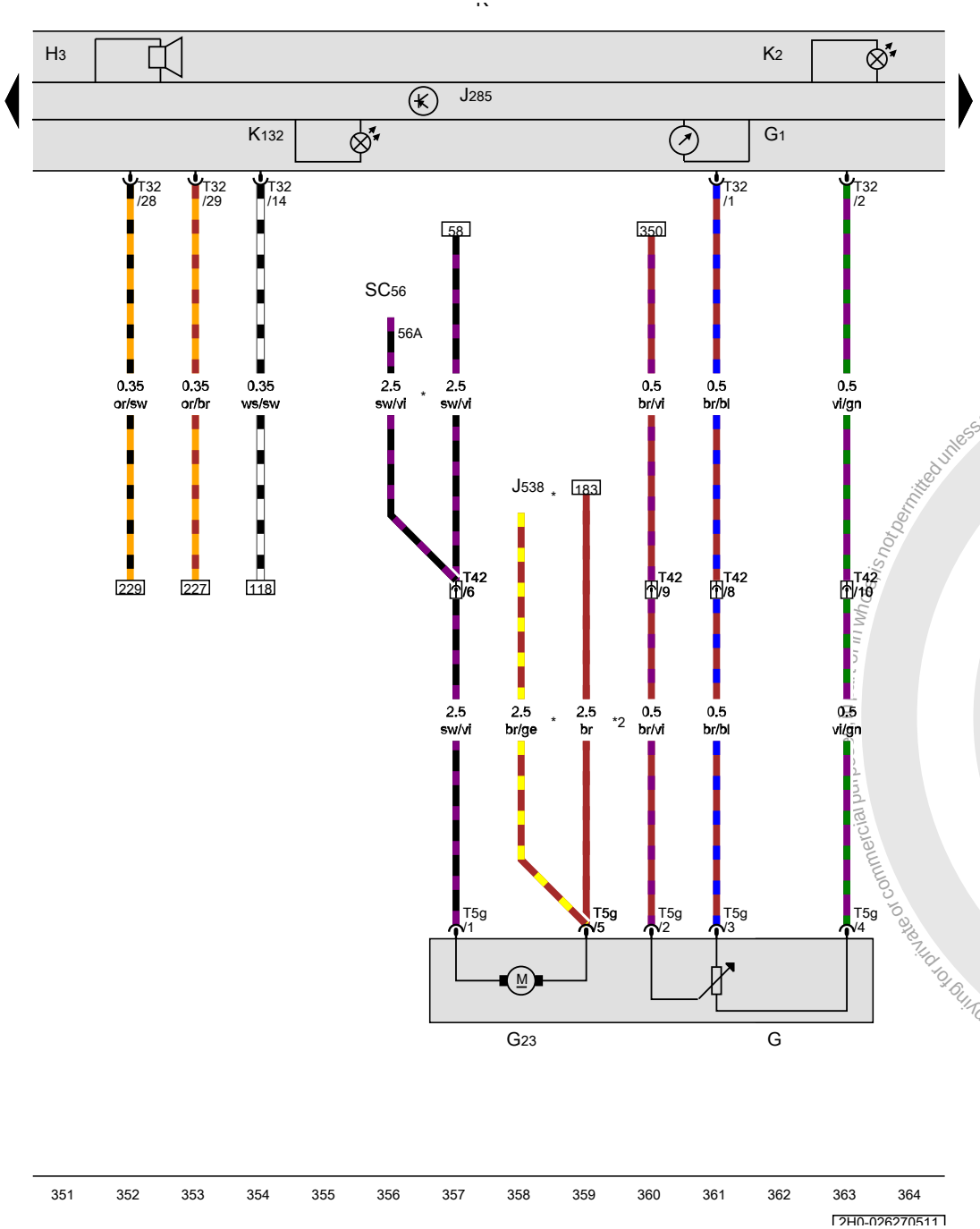

Fuel pump, Fuel pump control unit, Dash panel insert

G	Fuel gauge sender
G1	Fuel gauge
G23	Fuel pump
H3	Buzzer and gong
J285	Control unit in dash panel insert
J538	Fuel pump control unit
K	Dash panel insert
K2	Alternator warning lamp
K132	Electronic power control fault lamp
SC56	Fuse 56 on fuse holder C
T5g	5-pin connector
T32	32-pin connector
T42	42-pin connector, near handbrake lever
*	Only models with petrol engine
*2	Only models with diesel engines

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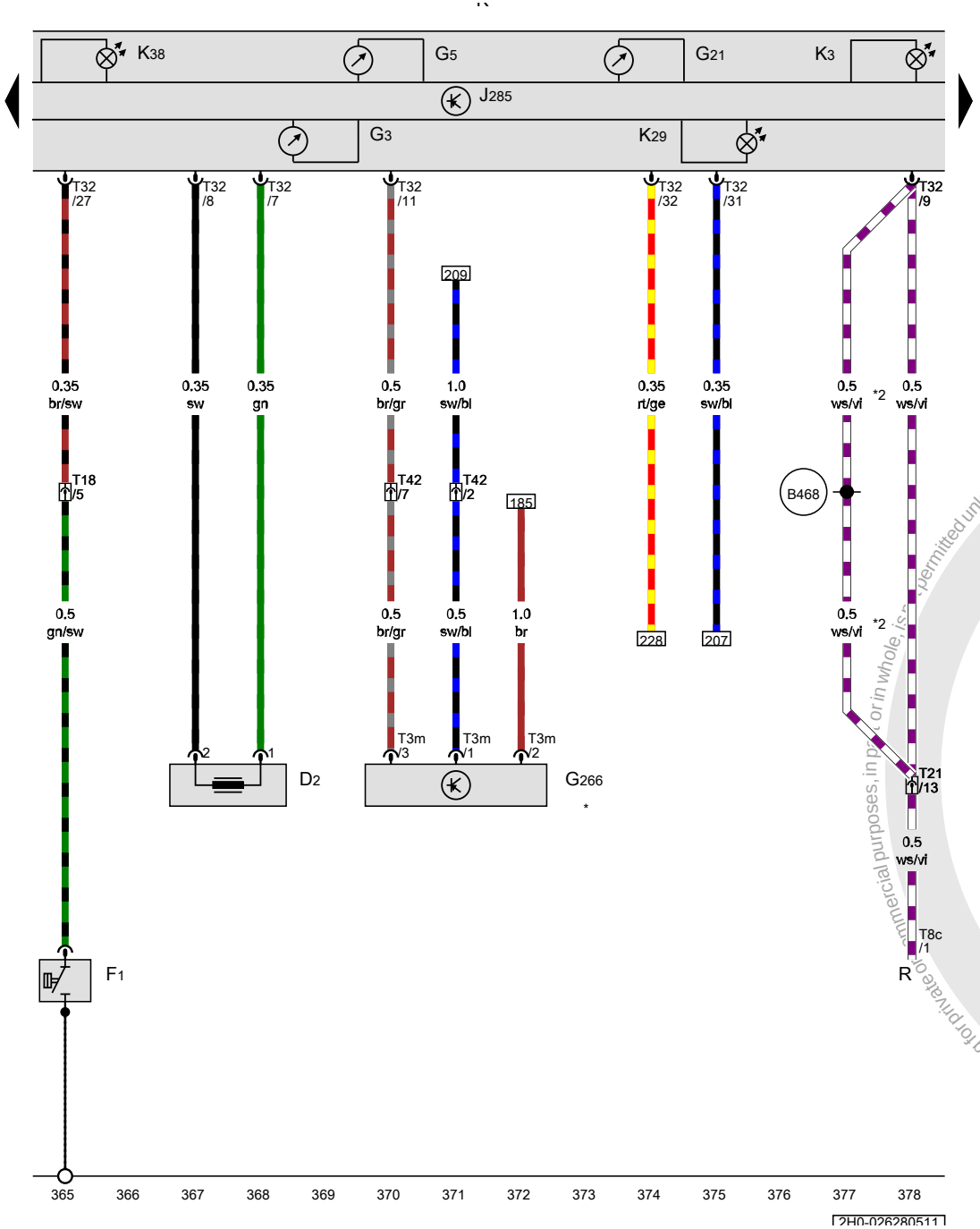

Immobiliser reader coil, Oil pressure switch, Oil level and oil temperature sender, Dash panel insert, Radio

D2	Immobiliser reader coil, in ignition/starter switch
F1	Oil pressure switch
G3	Coolant temperature gauge
G5	Rev. counter
G21	Speedometer
G266	Oil level and oil temperature sender
J285	Control unit in dash panel insert
K	Dash panel insert
K3	Oil pressure warning lamp
K29	Glow period warning lamp
K38	Oil level warning lamp
R	Radio
T3m	3-pin connector
T8c	8-pin connector
T18	18-pin connector, near engine control unit
T21	21-pin connector, on relay carrier
T32	32-pin connector
T42	42-pin connector, near handbrake lever
B468	Connection 4, in main wiring harness
*	see applicable current flow diagram for engine
*2	Only models with no electric interface

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sw	=	black
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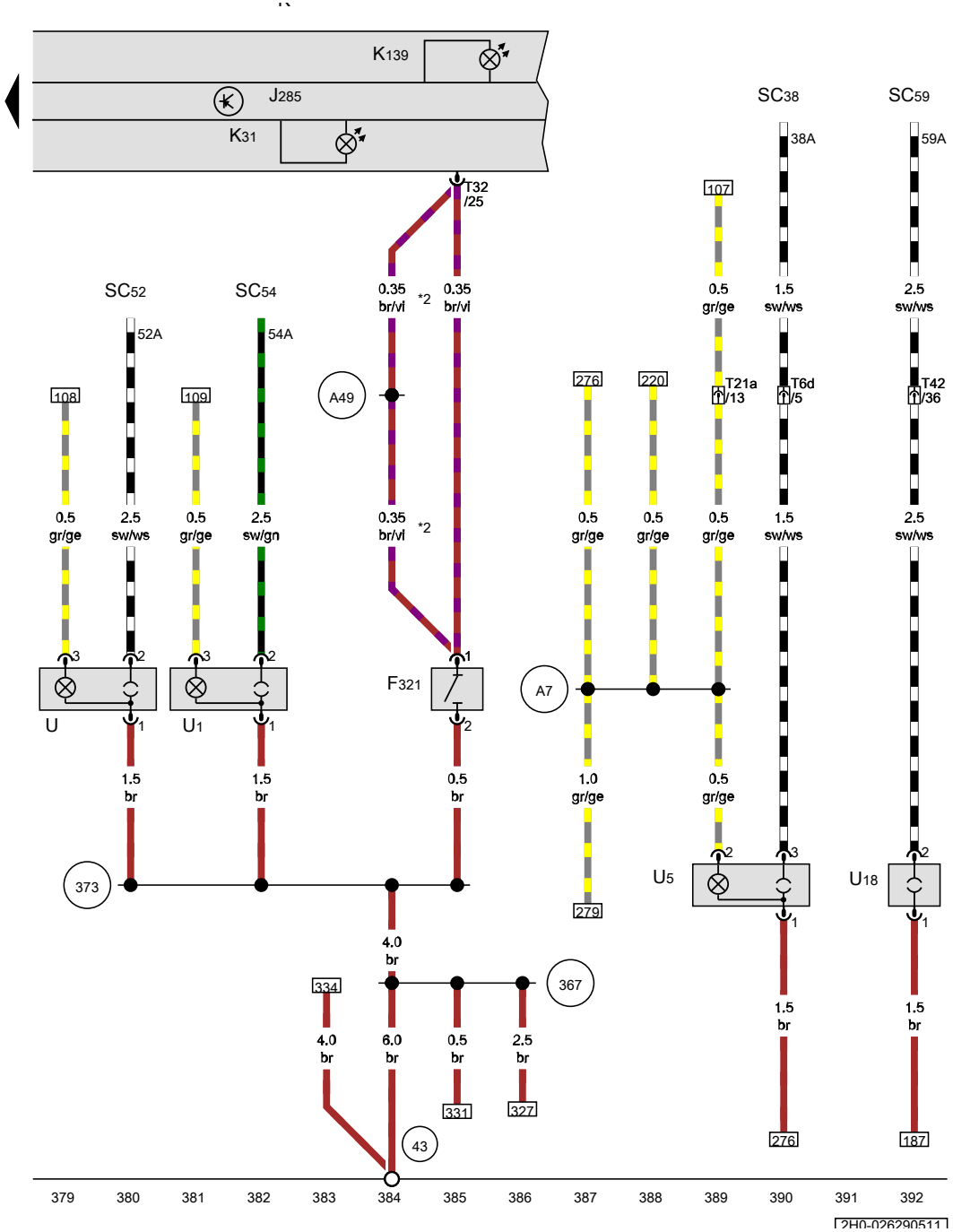

Parking brake contact switch, Dash panel insert, Handbrake warning lamp, Fuse 38 on fuse holder C, Fuse 52 on fuse holder C, Fuse 54 on fuse holder C, Electric socket, Cigarette lighter, 12 V socket, 12 V socket 2

F321	Parking brake contact switch
J285	Control unit in dash panel insert
K	Dash panel insert
K31	Cruise control system warning lamp
K139	Handbrake warning lamp
SC38	Fuse 38 on fuse holder C
SC52	Fuse 52 on fuse holder C
SC54	Fuse 54 on fuse holder C
SC59	Fuse 59 on fuse holder C
T6d	6-pin connector, on relay carrier
T21a	21-pin connector, on relay carrier
T32	32-pin connector
T42	42-pin connector, near handbrake lever
U	Electric socket
U1	Cigarette lighter
U5	12 V socket
U18	12 V socket 2
43	Earth point, lower part of right A-pillar
367	Earth connection 2, in main wiring harness
373	Earth connection 8, in main wiring harness
A7	Positive connection (58 D1), in dash panel wiring harness
A49	Connection 1, in dash panel wiring harness
*	Special equipment
*2	Only models with no electric interface

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Airbag systems , (L0R)

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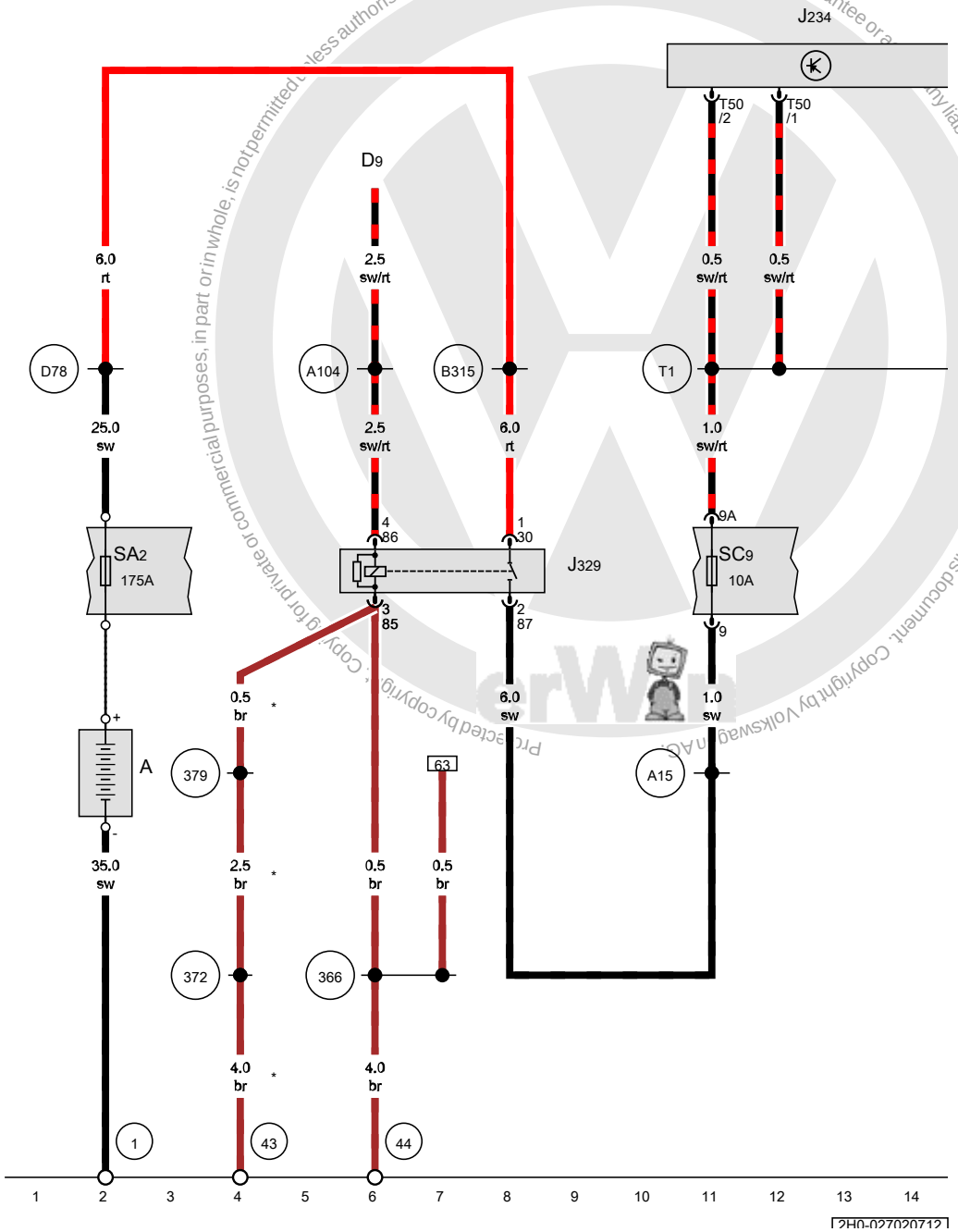

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Battery, Electronic ignition lock, Airbag control unit, Fuse 2 in fuse holder A, Fuse 9 on fuse holder C

A	Battery
D9	Electronic ignition lock
J234	Airbag control unit, in front centre console
J329	Terminal 15 voltage supply relay
SA2	Fuse 2 in fuse holder A
SC9	Fuse 9 on fuse holder C
T50	50-pin connector
1	Earth strap, battery - body
43	Earth point, lower part of right A-pillar
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
372	Earth connection 7, in main wiring harness
379	Earth connection 14, in main wiring harness
A15	Positive connection (15), in instrument wiring harness
A104	Positive connection 2 (15), in dash panel wiring harness
B315	Positive connection 1 (30a) in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
T1	Positive connection 1, in airbag wiring harness
*	From November 2011

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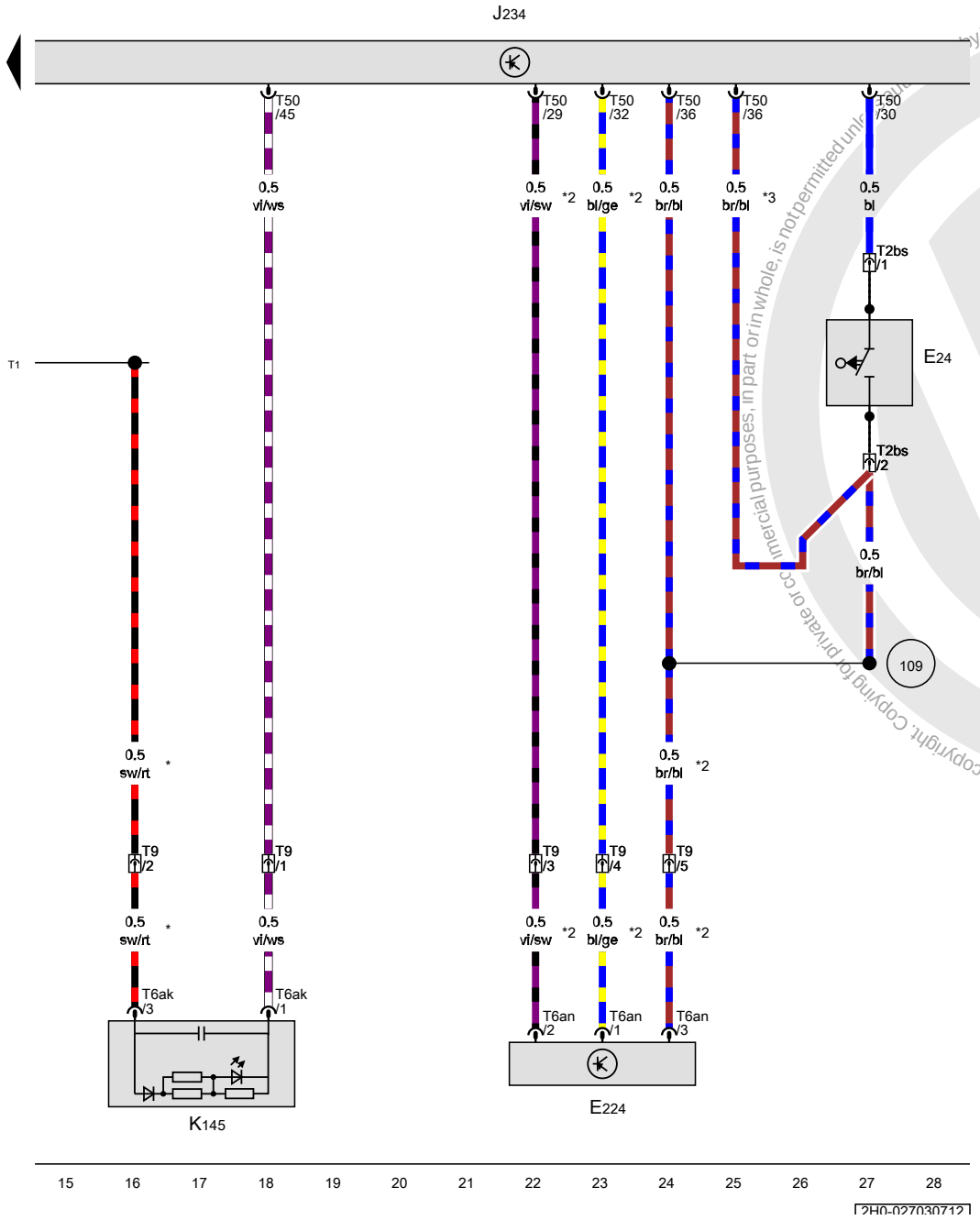

Driver side belt switch, Key operated switch to deactivate front passenger side airbag, Airbag control unit, Front passenger side airbag deactivated warning lamp

E24	Driver side belt switch
E224	Key operated switch to deactivate front passenger side airbag
J234	Airbag control unit, in front centre console
K145	Front passenger side airbag deactivated warning lamp, near radio
T2bs	2-pin connector, under driver seat, black
T6ak	6-pin connector, white
T6an	6-pin connector, black
T9	9-pin connector, on relay carrier, yellow
T50	50-pin connector
109	Earth connection, in airbag wiring harness
T1	Positive connection 1, in airbag wiring harness
*	Only models with key operated switch to deactivate front passenger airbag
*2	Only models with key operated switch to deactivate front passenger airbag/ side airbag/ belt buckle sensor
*3	Only models with no side airbag, no front passenger airbag and no key operated switch

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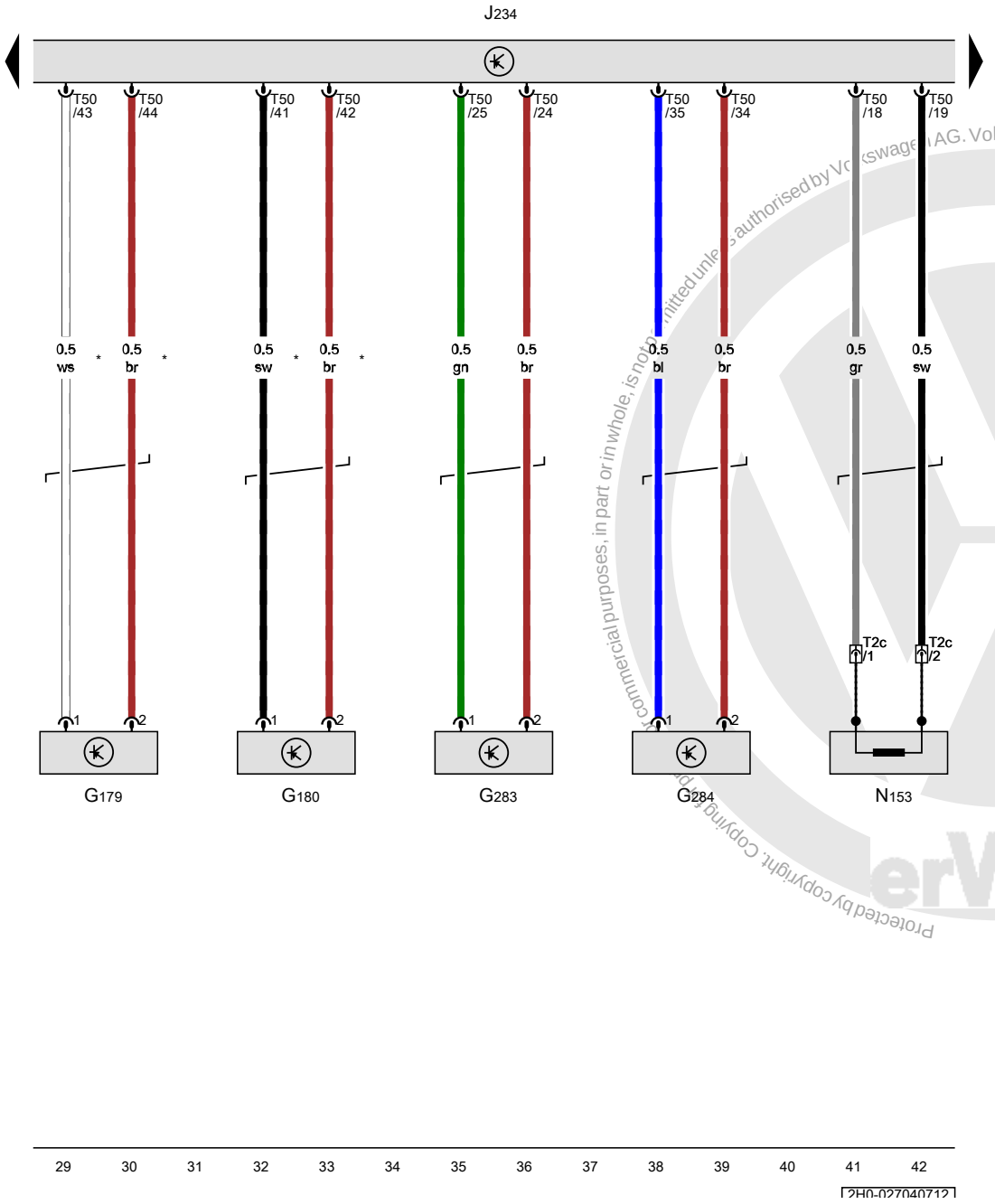

Side airbag crash sensor on driver side, Side airbag crash sensor on front passenger side, Front airbag crash sensor for driver side, Front airbag crash sensor for front passenger side, Airbag control unit, Driver seat belt tensioner igniter 1

G179	Side airbag crash sensor on driver side, lower part of B-pillar, driver side
G180	Side airbag crash sensor on front passenger side, lower part of B-pillar, front passenger side
G283	Front airbag crash sensor for driver side, behind right headlight
G284	Front airbag crash sensor for front passenger side, behind left headlight
J234	Airbag control unit, in front centre console
N153	Driver seat belt tensioner igniter 1
T2c	2-pin connector, lower part of B-pillar, driver side, yellow
T50	50-pin connector
*	Only models with front head-thorax airbag

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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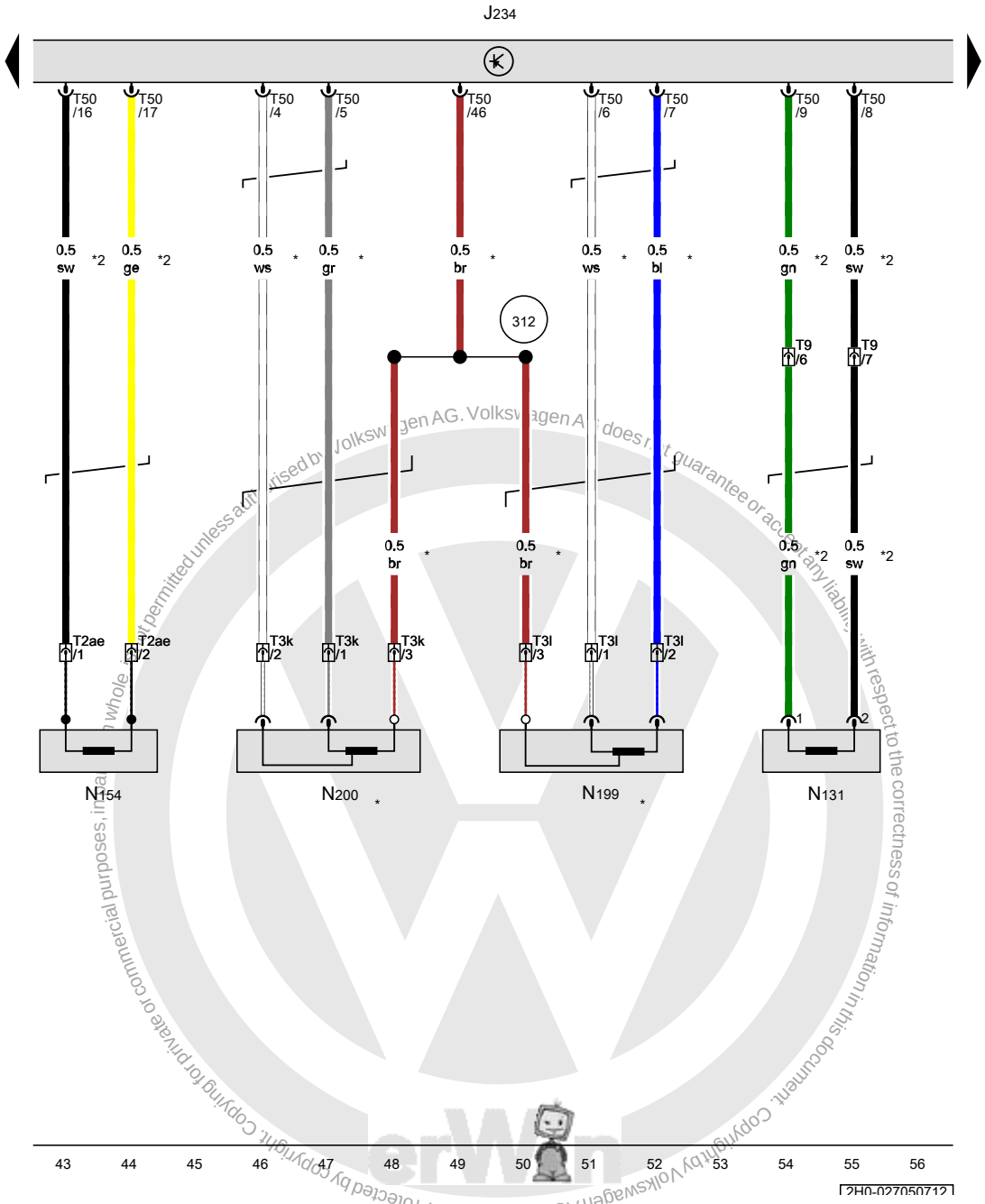

Airbag control unit, Front passenger side airbag igniter 1, Front passenger seat belt tensioner igniter 1, Side airbag igniter on driver side, Side airbag igniter on front passenger side

J234	Airbag control unit, in front centre console
N131	Front passenger side airbag igniter 1
N154	Front passenger seat belt tensioner igniter 1
N199	Side airbag igniter on driver side
N200	Side airbag igniter on front passenger side
T2ae	2-pin connector, yellow
T3k	3-pin connector, yellow
T3l	3-pin connector, yellow
T9	9-pin connector, on relay carrier, yellow
T50	50-pin connector
312	Earth connection 2, in airbag wiring harness
*	Only models with front head-thorax airbag
*2	Only models with front passenger airbag

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
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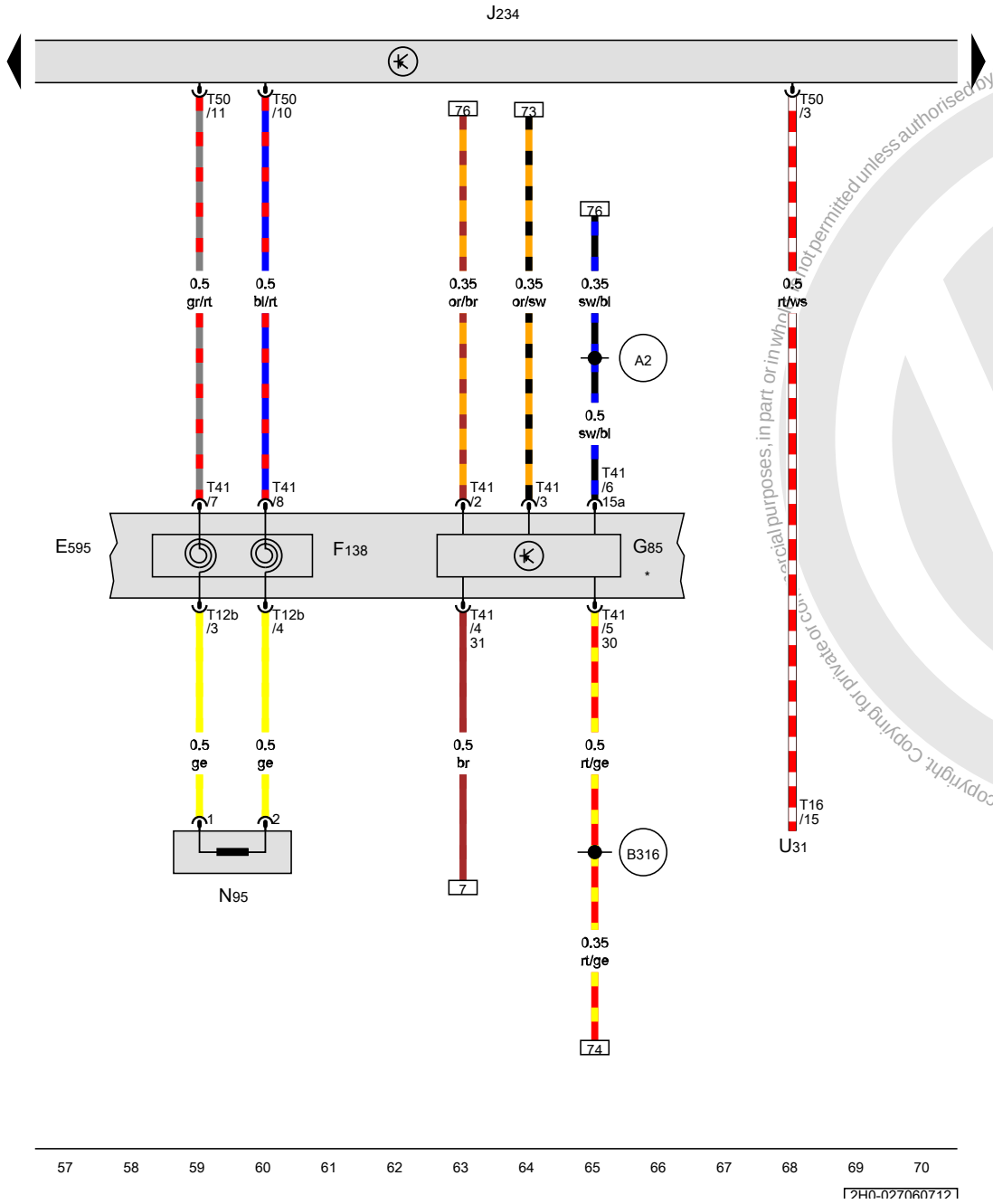

Steering column combination switch, Airbag coil connector and return ring with slip ring, Airbag control unit, Driver side airbag igniter, Diagnostic connection

E595	Steering column combination switch
F138	Airbag coil connector and return ring with slip ring
G85	Steering angle sender
J234	Airbag control unit, in front centre console
N95	Driver side airbag igniter
T12b	12-pin connector
T16	16-pin connector, black
T41	41-pin connector
T50	50-pin connector
U31	Diagnostic connection, near driver side A-pillar
A2	Positive connection (15), in dash panel wiring harness
B316	Positive connection 2 (30a) in main wiring harness
*	Only models with anti-lock brake system (ABS) and electronic stabilisation program (ESP)

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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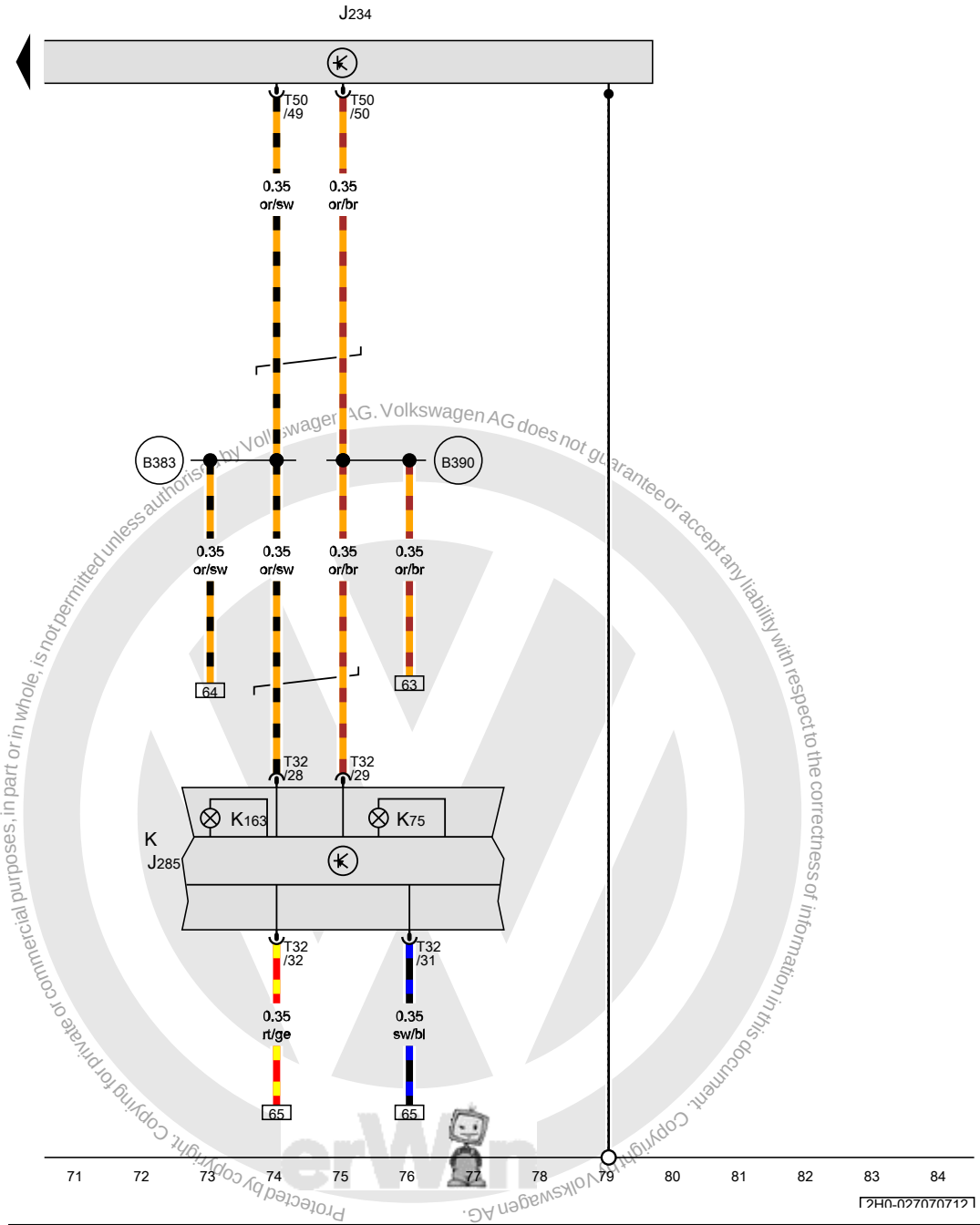

Airbag control unit

J234	Airbag control unit, in front centre console
J285	Control unit in dash panel insert
K	Dash panel insert
K75	Airbag warning lamp
K163	Belt switch warning lamp
T32	32-pin connector
T50	50-pin connector
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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Radio navigation system , (LOR),(8AY),(7UC),(7UK)

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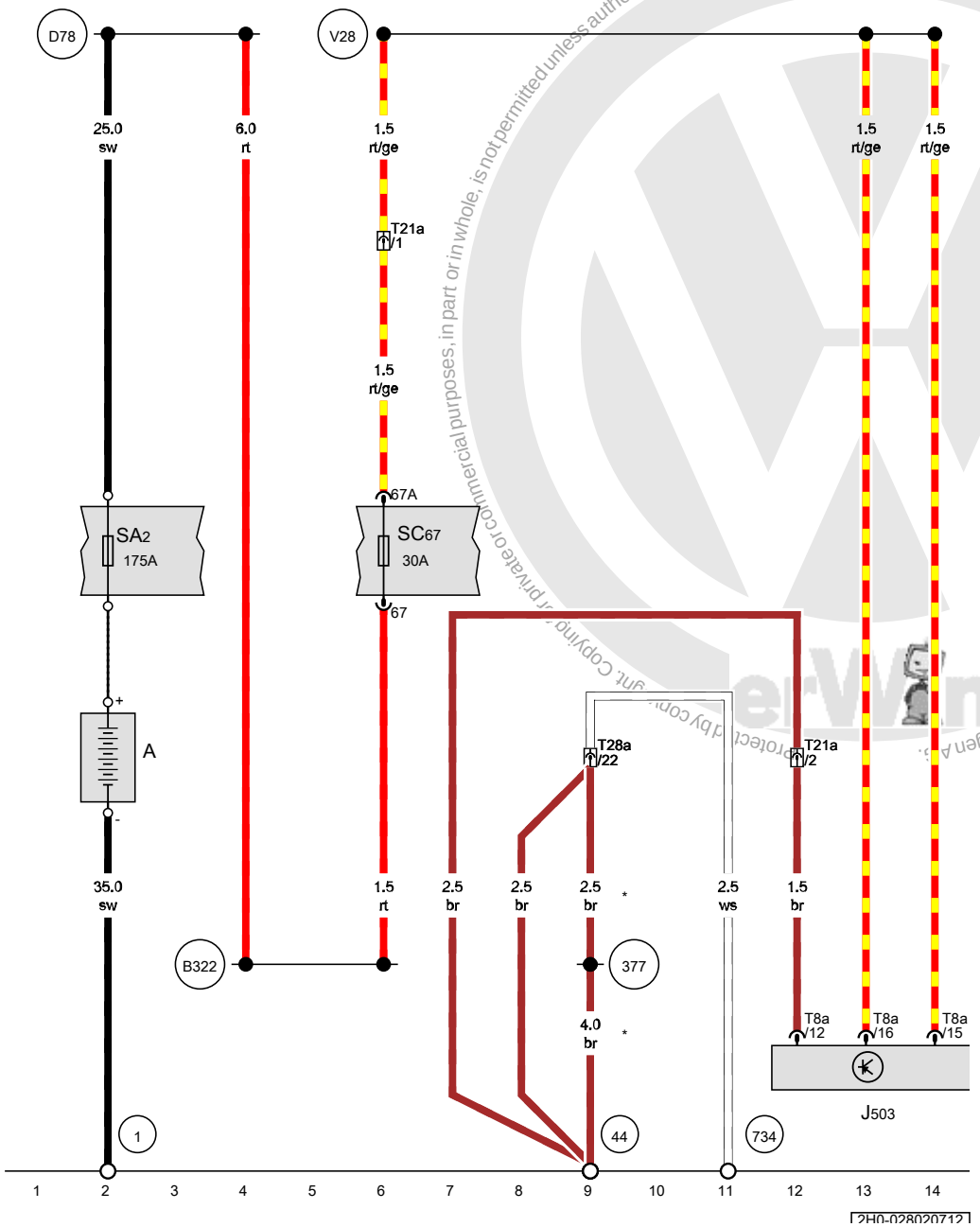

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Battery, Control unit with display for radio and navigation, Fuse 2 in fuse holder A, Fuse 67 on fuse holder C

A	Battery
J503	Control unit with display for radio and navigation, in intake channel
SA2	Fuse 2 in fuse holder A
SC67	Fuse 67 on fuse holder C
T8a	8-pin connector
T21a	21-pin connector, on relay carrier, brown
T28a	28-pin connector, on left A-pillar
1	Earth strap, battery - body
44	Earth point, lower part of left A-pillar
377	Earth connection 12, in main wiring harness
734	Earth point in front left door
B322	Positive connection 8 (30a) in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
V28	Connection 1, in radio wiring harness
*	From November 2011

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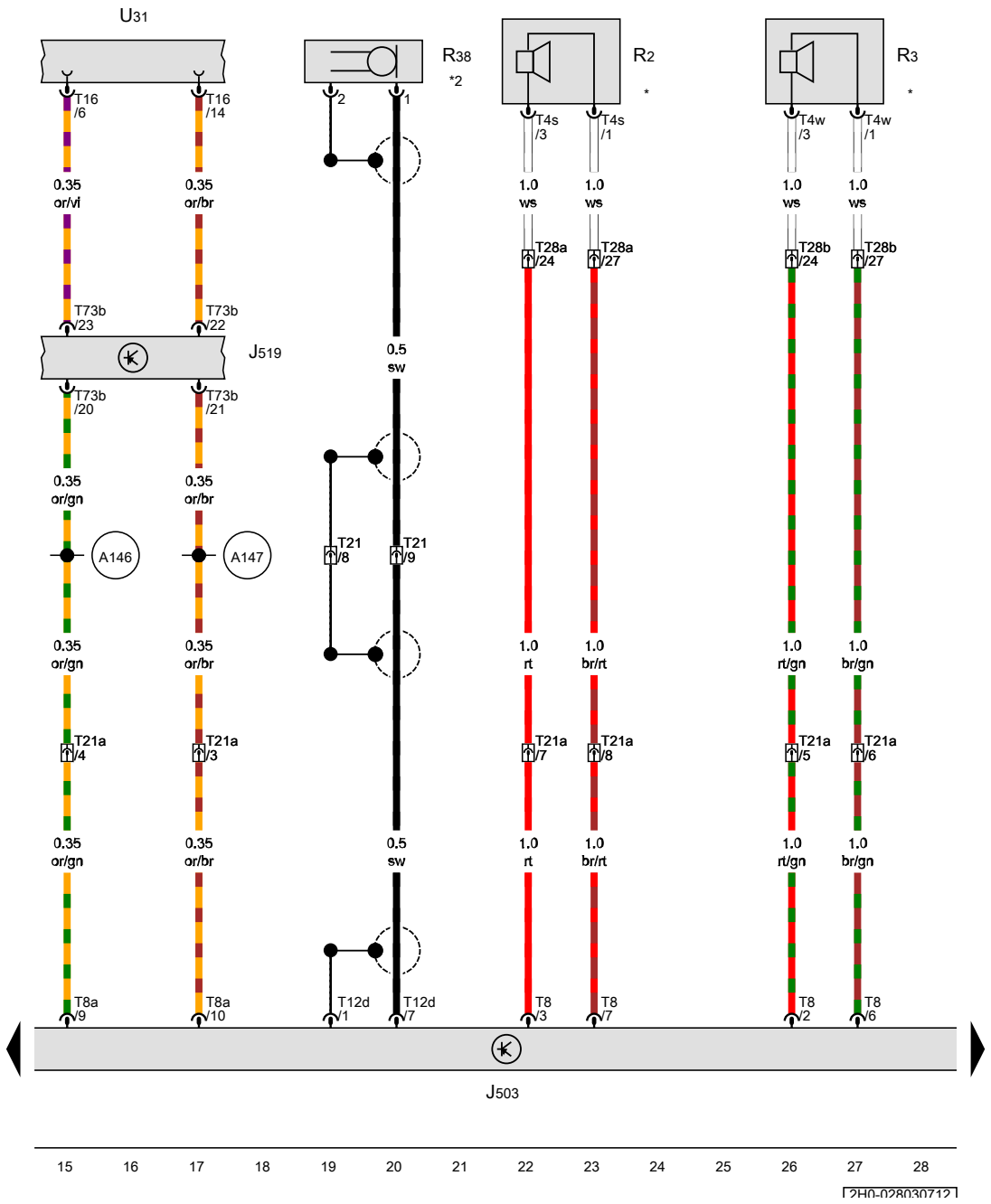

Control unit with display for radio and navigation, Front left loudspeaker, Front right loudspeaker, Telephone microphone, Diagnostic connection

J503	Control unit with display for radio and navigation, in intake channel
J519	Onboard supply control unit
R2	Front left loudspeaker
R3	Front right loudspeaker
R38	Telephone microphone
T4s	4-pin connector
T4w	4-pin connector
T8	8-pin connector
T8a	8-pin connector
T12d	12-pin connector
T16	16-pin connector
T21	21-pin connector, on relay carrier
T21a	21-pin connector, on relay carrier, brown
T28a	28-pin connector, on left A-pillar
T28b	28-pin connector, on right A-pillar
T73b	73-pin connector
U31	Diagnostic connection
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
*	Only models with 2 loudspeakers (8RD)
*2	Only models with mobile telephone/ preparation for mobile telephone

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
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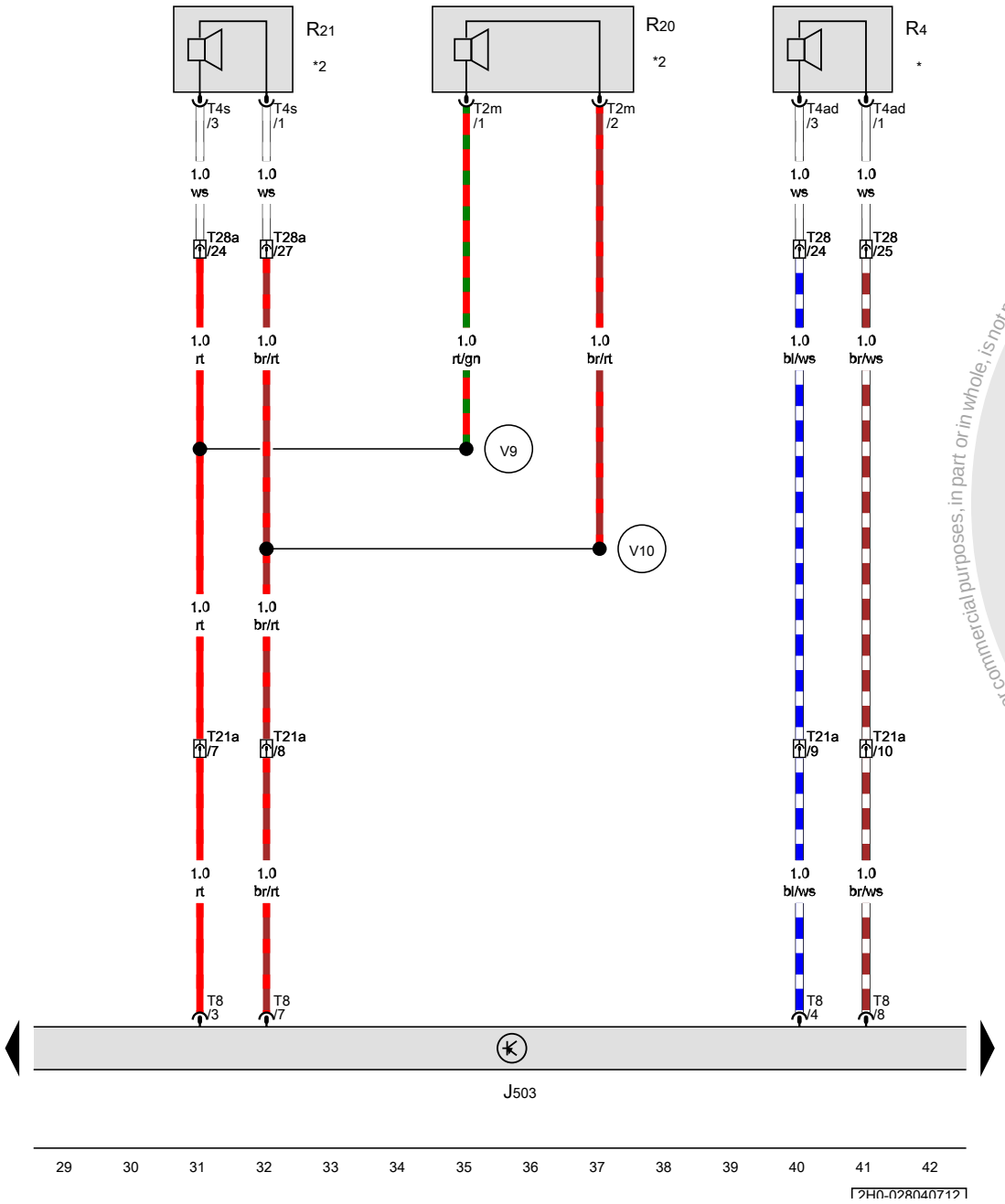

Control unit with display for radio and navigation, Rear left loudspeaker, Front left treble loudspeaker, Front left bass loudspeaker

J503	Control unit with display for radio and navigation, in intake channel
R4	Rear left loudspeaker
R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
T2m	2-pin connector
T4ad	4-pin connector
T4s	4-pin connector
T8	8-pin connector
T21a	21-pin connector, on relay carrier, brown
T28	28-pin connector, on left B-pillar
T28a	28-pin connector, on left A-pillar
V9	Connection (positive, front right loudspeaker), in loudspeaker wiring harness
V10	Connection (negative, front right loudspeaker), in loudspeaker wiring harness
*	Only models with equipment (6-passive loudspeakers)
*2	Only models with 4 or 6 loudspeakers

ws	=	white
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gn	=	green
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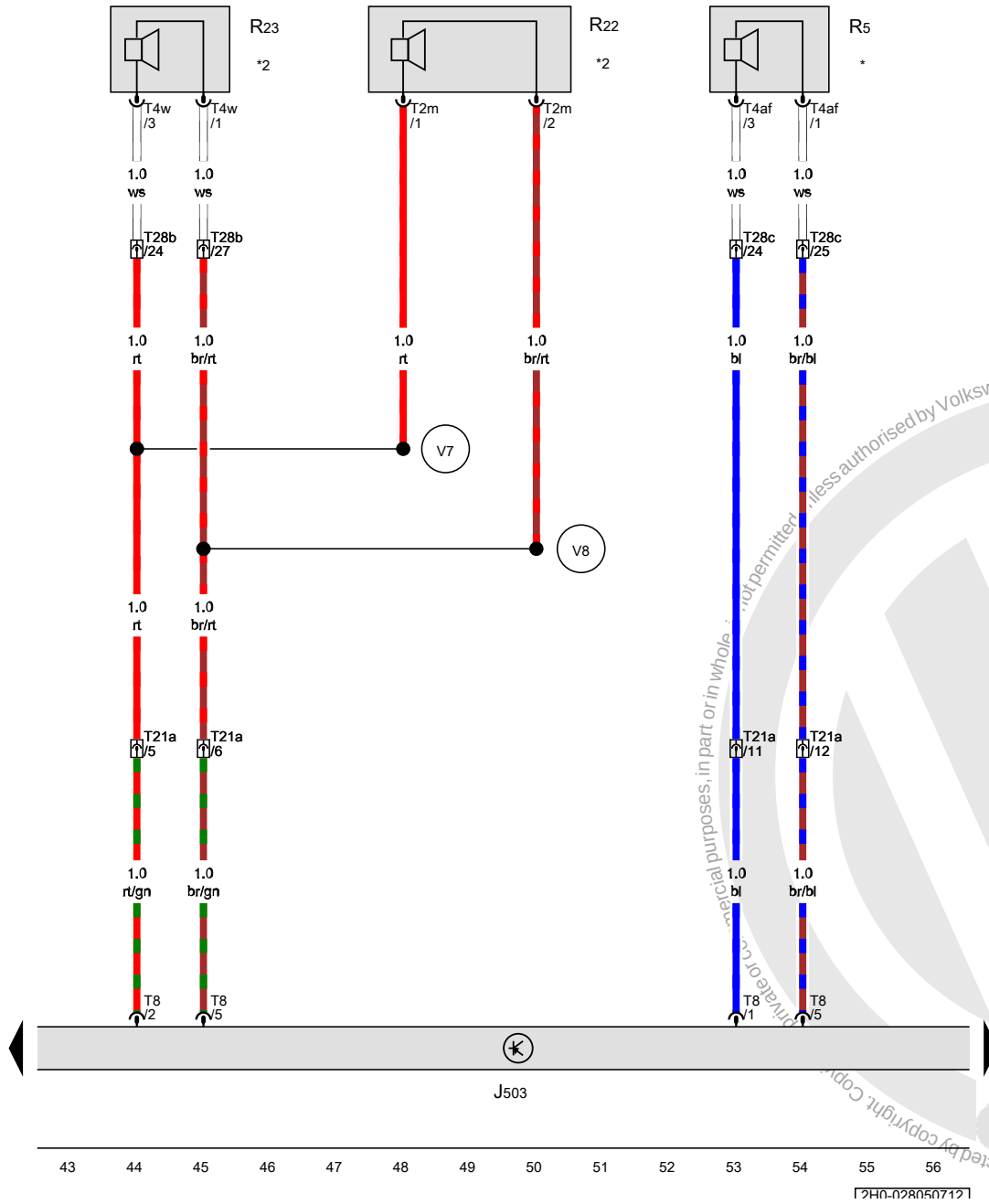

Control unit with display for radio and navigation, Rear right loudspeaker, Front right treble loudspeaker, Front right bass loudspeaker

J503	Control unit with display for radio and navigation, in intake channel
R5	Rear right loudspeaker
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
T2m	2-pin connector
T4af	4-pin connector
T4w	4-pin connector
T8	8-pin connector
T21a	21-pin connector, on relay carrier, brown
T28b	28-pin connector, on right A-pillar
T28c	28-pin connector, on right B-pillar
V7	Connection (positive, front left loudspeaker), in loudspeaker wiring harness
V8	Connection (negative, front left loudspeaker), in loudspeaker wiring harness
*	Only models with equipment (6-passive loudspeakers)
*2	Only models with 4 or 6 loudspeakers

ws	=	white
sw	=	black
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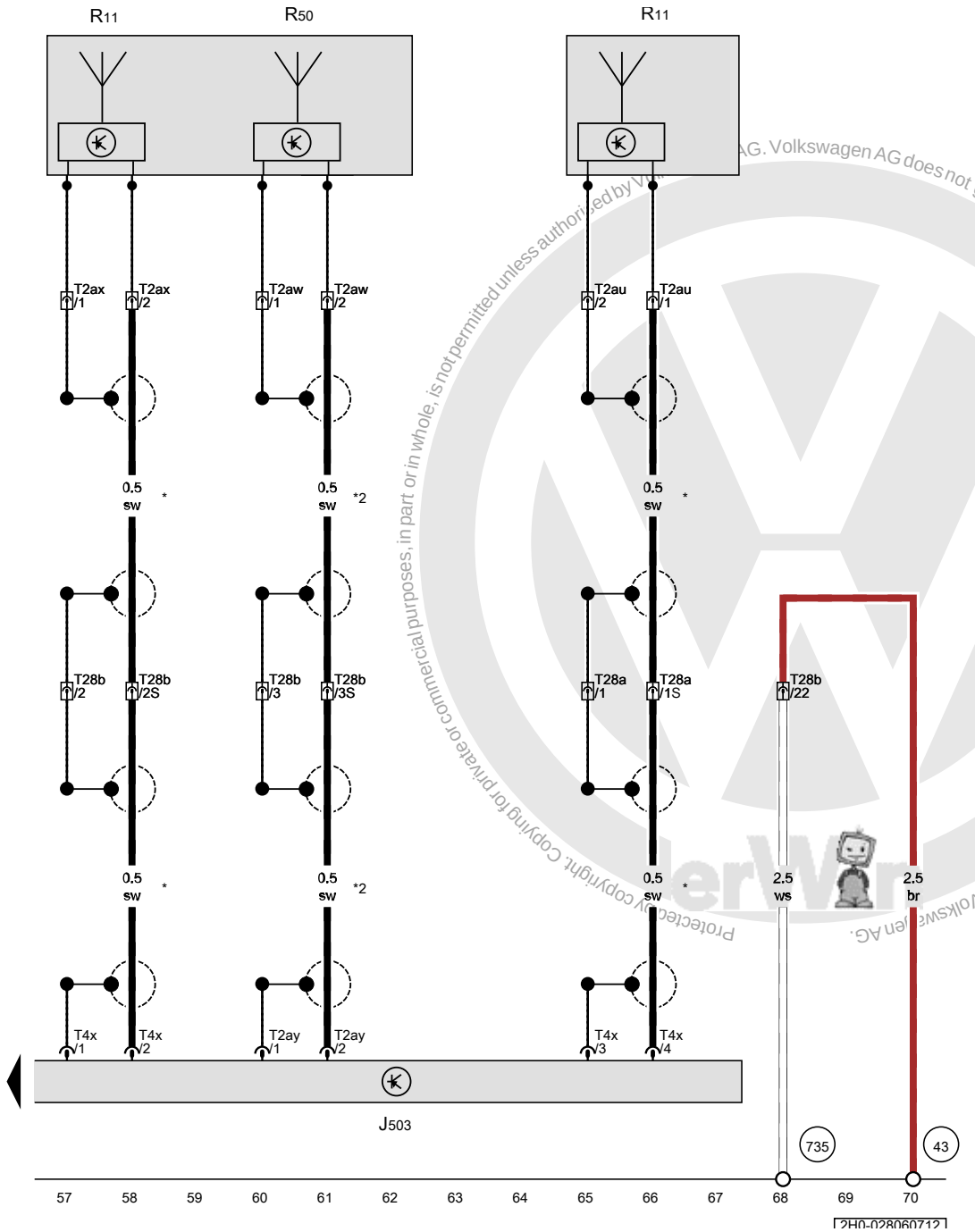

Control unit with display for radio and navigation, Aerial, GPS aerial

J503	Control unit with display for radio and navigation, in intake channel
R11	Aerial
R50	GPS aerial
T2au	2-pin connector, in left door, near exterior mirror
T2aw	2-pin connector, blue
T2ax	2-pin connector, in right door, near exterior mirror
T2ay	2-pin connector
T4x	4-pin connector
T28a	28-pin connector, on left A-pillar
T28b	28-pin connector, on right A-pillar
(43)	Earth point, lower part of right A-pillar
(735)	Earth point in front right door
*	Aerial connection for radio
*2	Aerial connection for GPS

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Radio system , (8AN),(8AG),(LOR)

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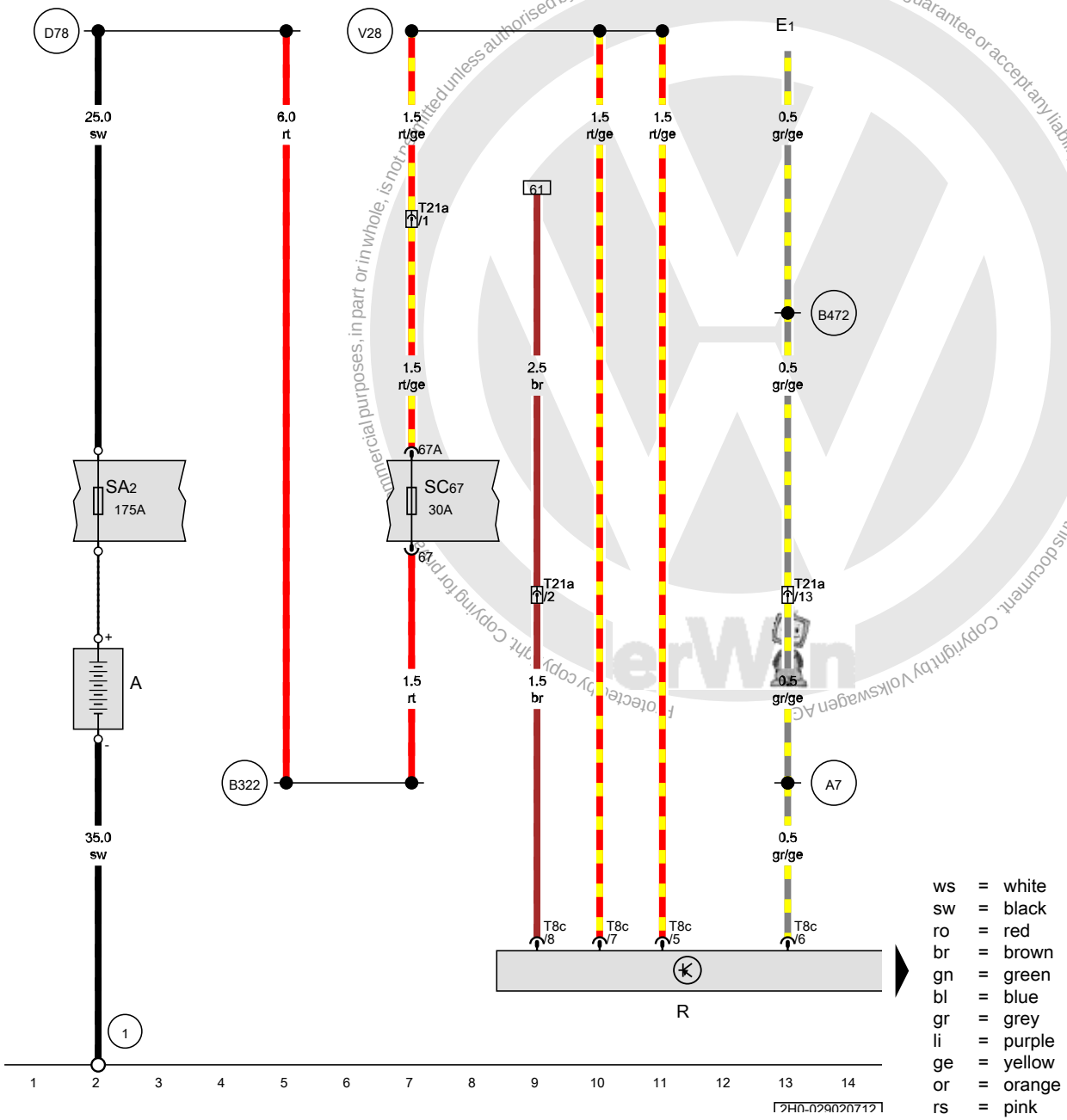
Battery, Light switch, Radio, Fuse 2 in fuse holder A, Fuse 67 on fuse holder C

A	Battery
E1	Light switch
R	Radio
SA2	Fuse 2 in fuse holder A
SC67	Fuse 67 on fuse holder C
T8c	8-pin connector
T21a	21-pin connector, on relay carrier
1	Earth strap, battery - body
A7	Positive connection (58 D1), in dash panel wiring harness
B322	Positive connection 8 (30a) in main wiring harness
B472	Connection 8, in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
V28	Connection 1, in radio wiring harness



ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
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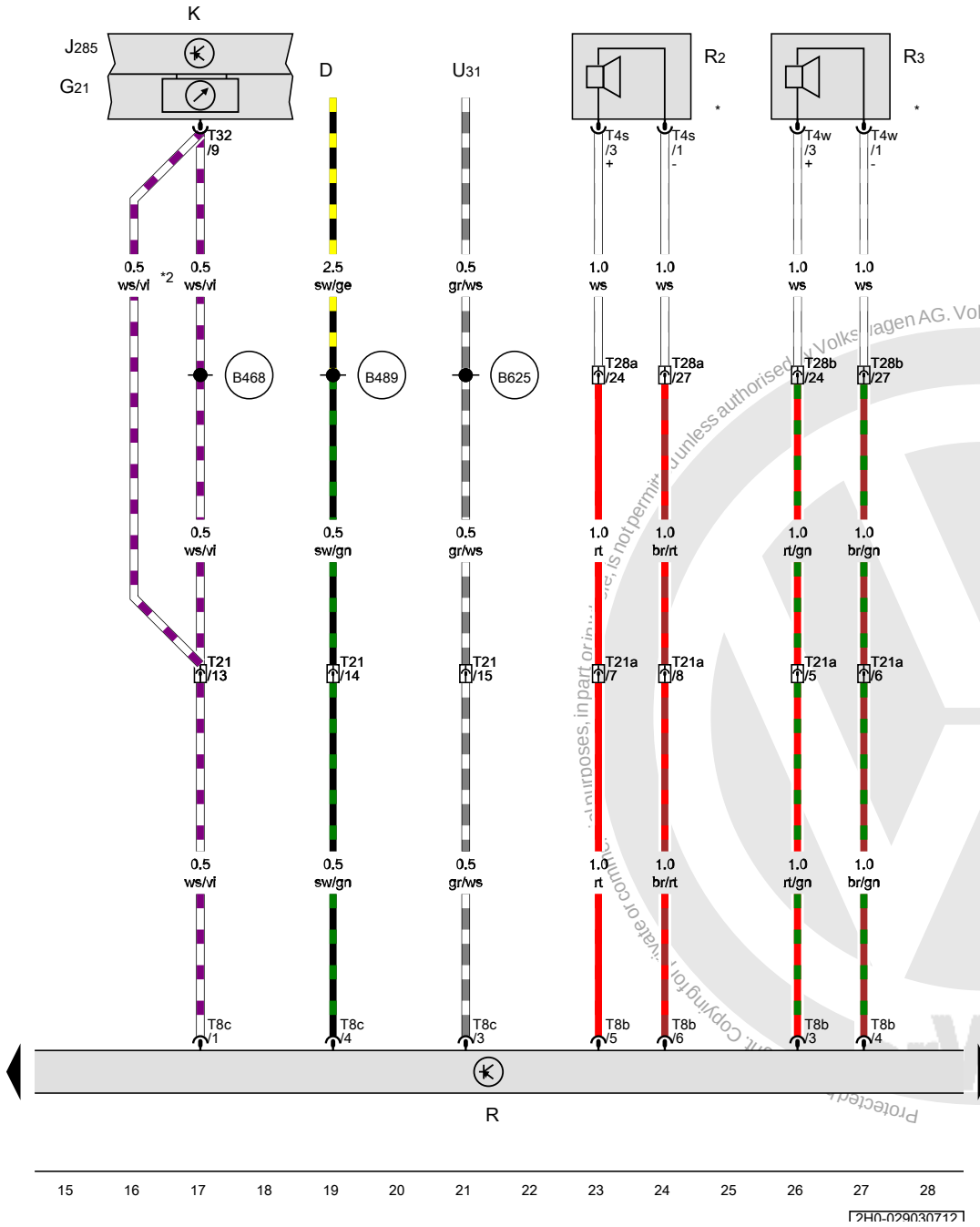

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Dash panel insert, Radio, Front left loudspeaker, Front right loudspeaker, Diagnostic connection

D	Ignition/starter switch
G21	Speedometer
J285	Control unit in dash panel insert
K	Dash panel insert
R	Radio
R2	Front left loudspeaker
R3	Front right loudspeaker
T4s	4-pin connector
T4w	4-pin connector
T8b	8-pin connector
T8c	8-pin connector
T21	21-pin connector, on relay carrier
T21a	21-pin connector, on relay carrier
T28a	28-pin connector, on left A-pillar
T28b	28-pin connector, on right A-pillar
T32	32-pin connector
U31	Diagnostic connection
B468	Connection 4, in main wiring harness
B489	Connection 25, in main wiring harness
B625	Connection (K-diagnosis wire), in main wiring harness
*	Only models with 2 loudspeakers (8RD)
*2	Only models with no electric interface

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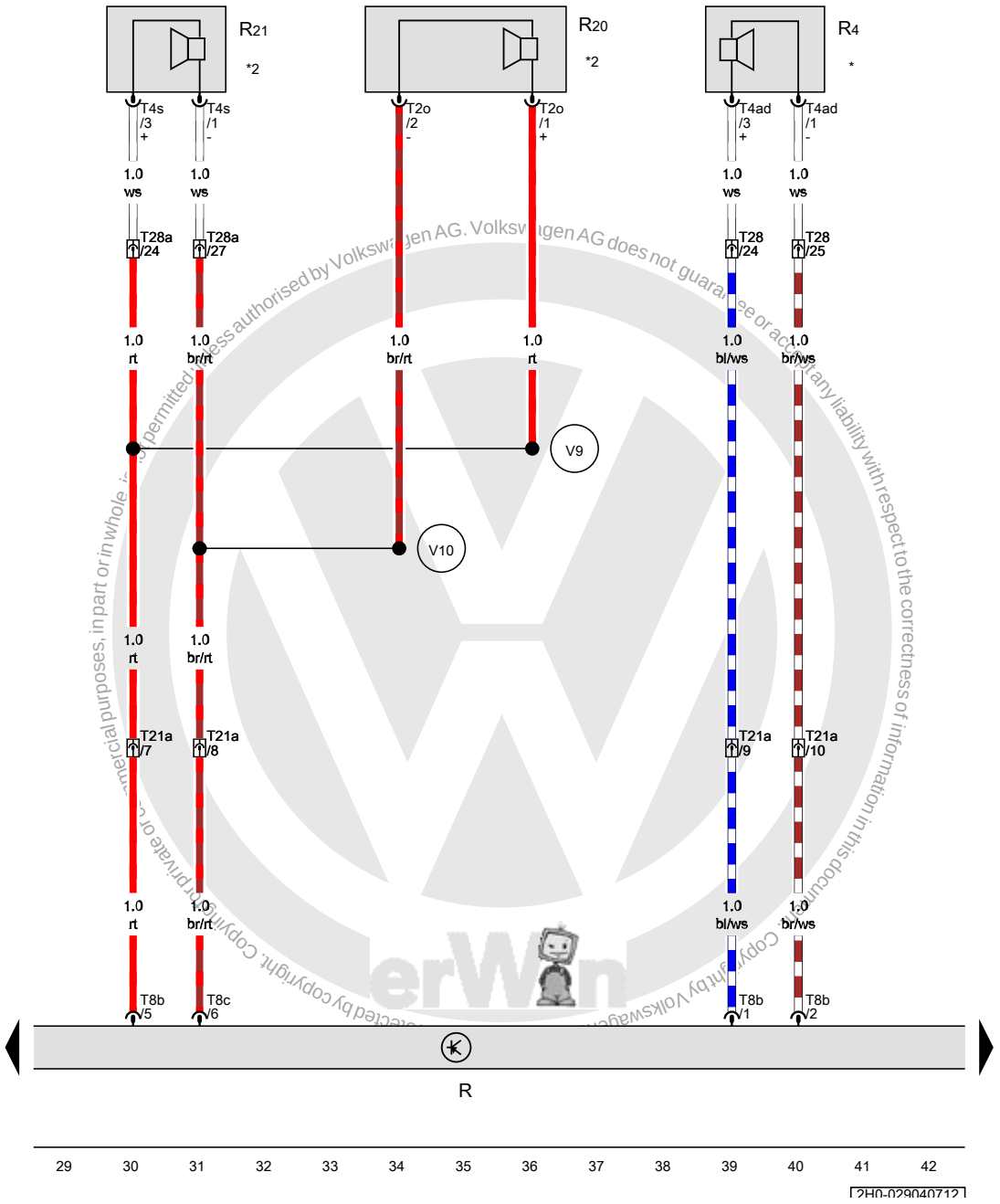

ws = white
sw = black
ro = red
br = brown
gn = green
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gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Radio, Rear left loudspeaker, Front left treble loudspeaker, Front left bass loudspeaker

R	Radio
R4	Rear left loudspeaker
R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
T2o	2-pin connector
T4ad	4-pin connector
T4s	4-pin connector
T8b	8-pin connector
T8c	8-pin connector
T21a	21-pin connector
T28	28-pin connector, on left B-pillar
T28a	28-pin connector, on left A-pillar
V9	Connection (positive, front right loudspeaker), in loudspeaker wiring harness
V10	Connection (negative, front right loudspeaker), in loudspeaker wiring harness
*	Only models with equipment (6-passive loudspeakers)
*2	Only models with 4 or 6 loudspeakers

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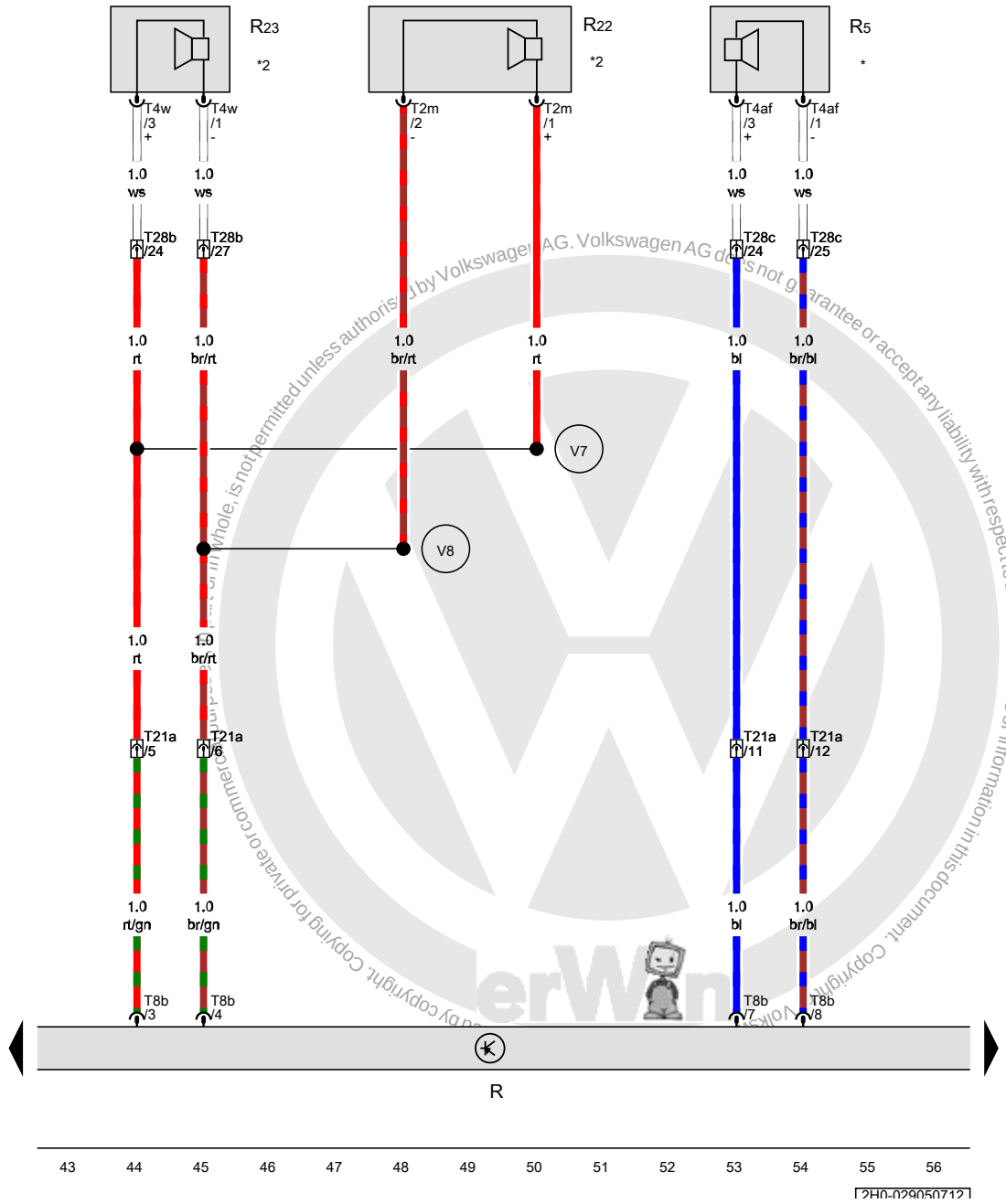

Radio, Rear right loudspeaker, Front right treble loudspeaker, Front right bass loudspeaker

R	Radio
R5	Rear right loudspeaker
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
T2m	2-pin connector
T4af	4-pin connector
T4w	4-pin connector
T8b	8-pin connector
T21a	21-pin connector, on relay carrier
T28b	28-pin connector, on right A-pillar
T28c	28-pin connector, on right B-pillar
V7	Connection (positive, front left loudspeaker), in loudspeaker wiring harness
V8	Connection (negative, front left loudspeaker), in loudspeaker wiring harness
*	Only models with equipment (6-passive loudspeakers)
*2	Only models with 4 or 6 loudspeakers

ws	=	white
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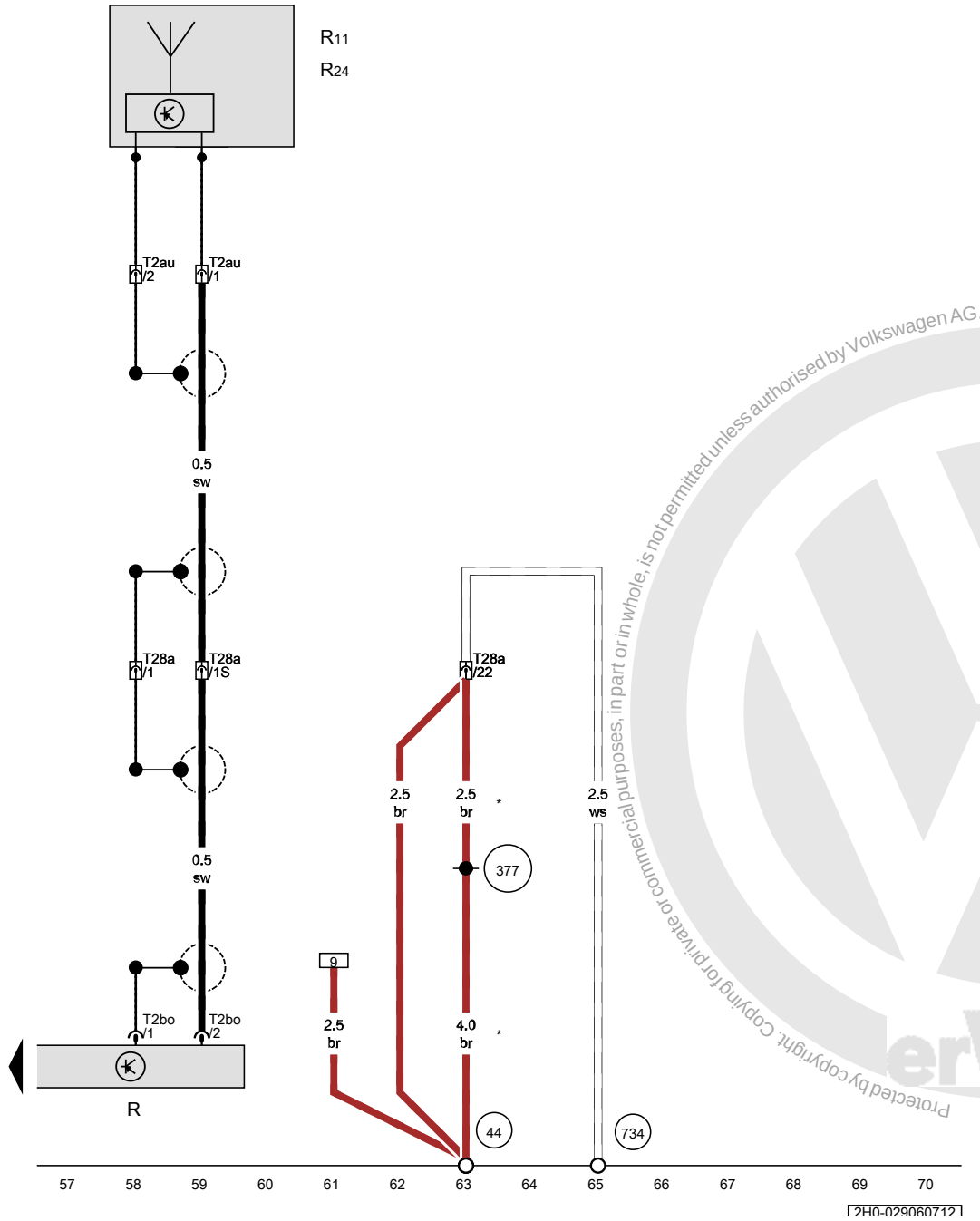

Radio, Aerial

R	Radio
R11	Aerial
R24	Aerial amplifier
T2au	2-pin connector, in left door, near exterior mirror
T2bo	2-pin connector
T28a	28-pin connector, on left A-pillar
44	Earth point, lower part of left A-pillar
377	Earth connection 12, in main wiring harness
734	Earth point in front left door
*	From November 2011

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
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Parking aid (PDC)

From November 2010

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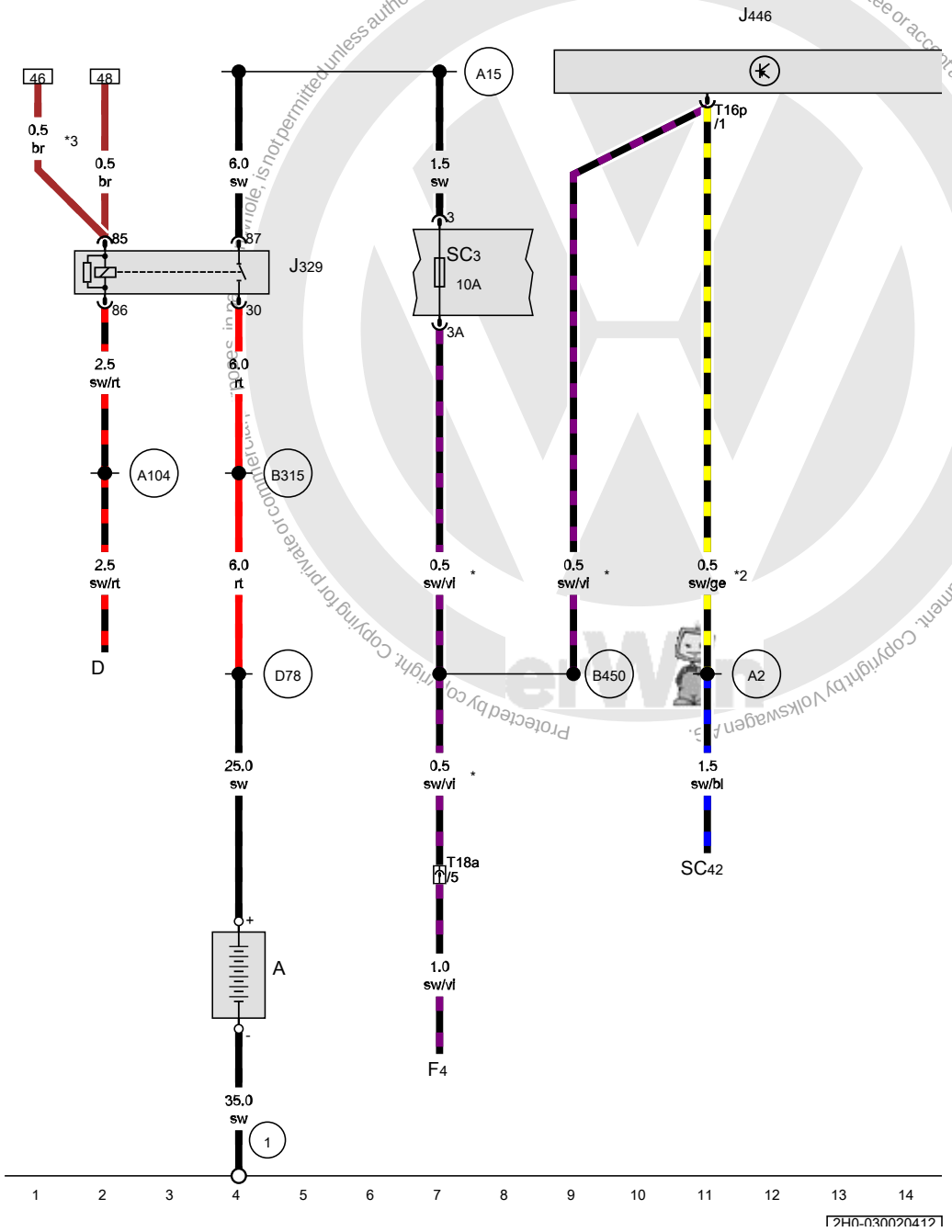

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gn = green
bl = blue
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li = purple
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rs = pink

Parking aid control unit

A	Battery
D	Ignition/starter switch
F4	Reversing light switch
J329	Terminal 15 voltage supply relay
J446	Parking aid control unit, lower part of A-pillar, front passenger side
SC3	Fuse 3 on fuse holder C
SC42	Fuse 42 on fuse holder C
T16p	16-pin connector, brown
T18a	18-pin connector, near engine control unit, grey
1	Earth strap, battery - body
A2	Positive connection (15), in dash panel wiring harness
A15	Positive connection (15), in instrument wiring harness
A104	Positive connection 2 (15), in dash panel wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B450	Connection 1 (PDC), in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
*	Only models with no automatic gearbox
*2	Only models with automatic gearbox
*3	From November 2011

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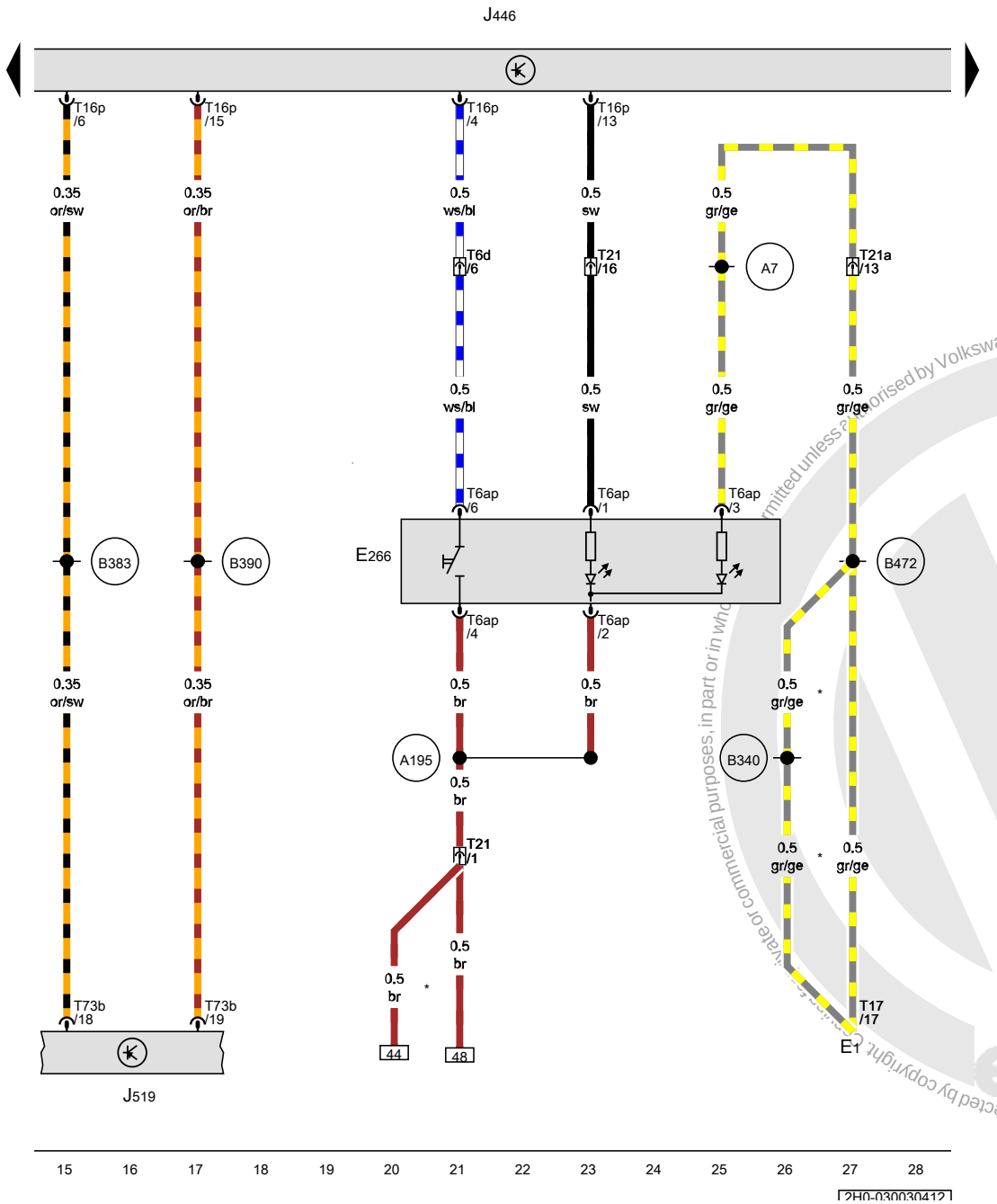

Parking aid button, Parking aid control unit

E1	Light switch
E266	Parking aid button
J446	Parking aid control unit, lower part of A-pillar, front passenger side
J519	Onboard supply control unit
T6ap	6-pin connector
T6d	6-pin connector, on relay carrier, grey
T16p	16-pin connector, brown
T17	17-pin connector
T21	21-pin connector, on relay carrier, blue
T21a	21-pin connector, on relay carrier, brown
T73b	73-pin connector
A7	Positive connection (58 D1), in dash panel wiring harness
A195	Connection 1 (PDC), in dash panel insert wiring harness
B340	Connection 1 (58d), in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B472	Connection 8, in main wiring harness
*	From November 2011

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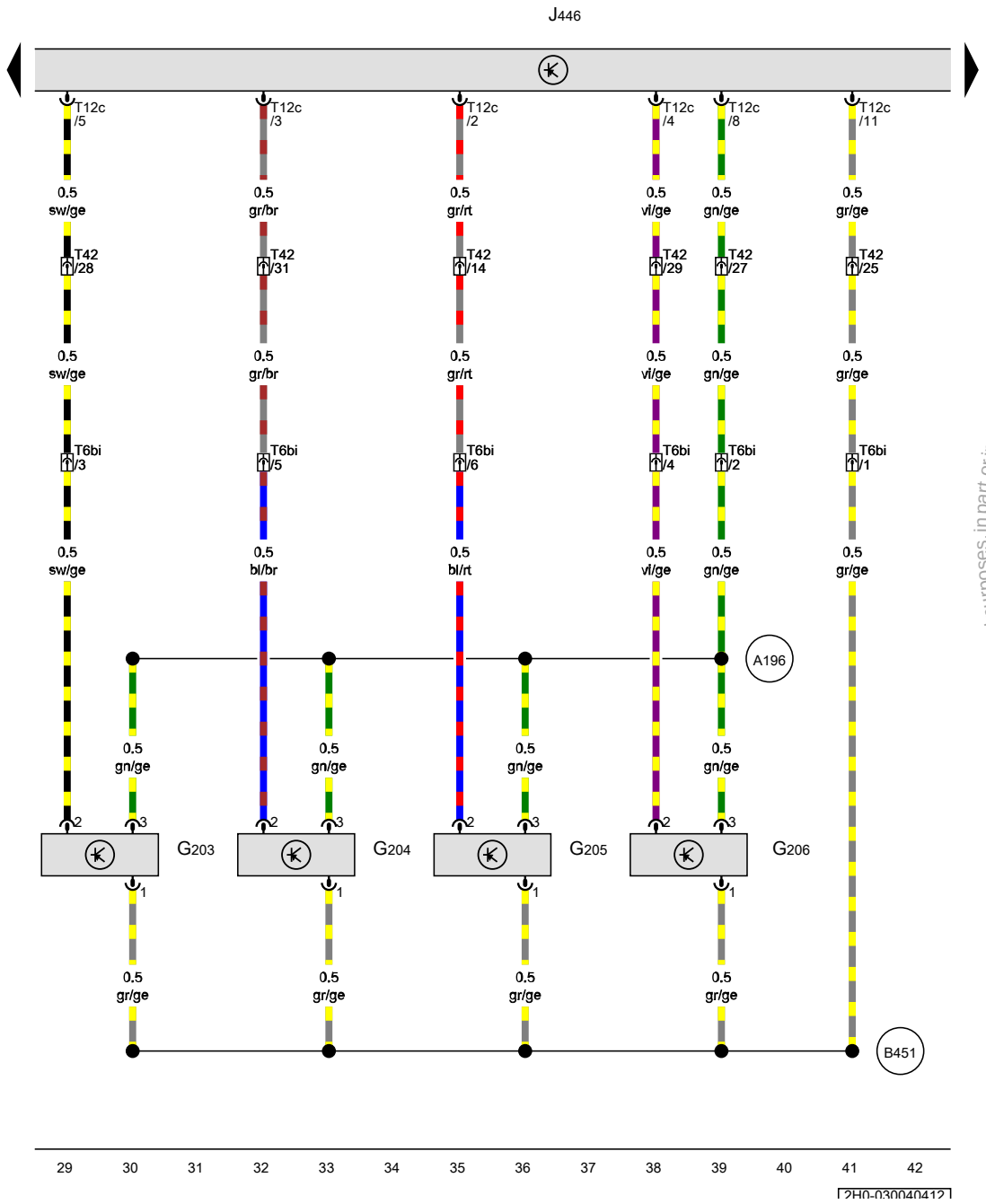

Rear left parking aid sender, Rear centre left parking aid sender, Rear centre right parking aid sender, Rear right parking aid sender, Parking aid control unit

G203	Rear left parking aid sender
G204	Rear centre left parking aid sender
G205	Rear centre right parking aid sender
G206	Rear right parking aid sender
J446	Parking aid control unit, lower part of A-pillar, front passenger side
T6bi	6-pin connector, under rear bumper on left, black
T12c	12-pin connector, brown
T42	42-pin connector, near handbrake lever, black
A196	Connection 2 (PDC), in dash panel insert wiring harness
B451	Connection 2 (PDC), in main wiring harness

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

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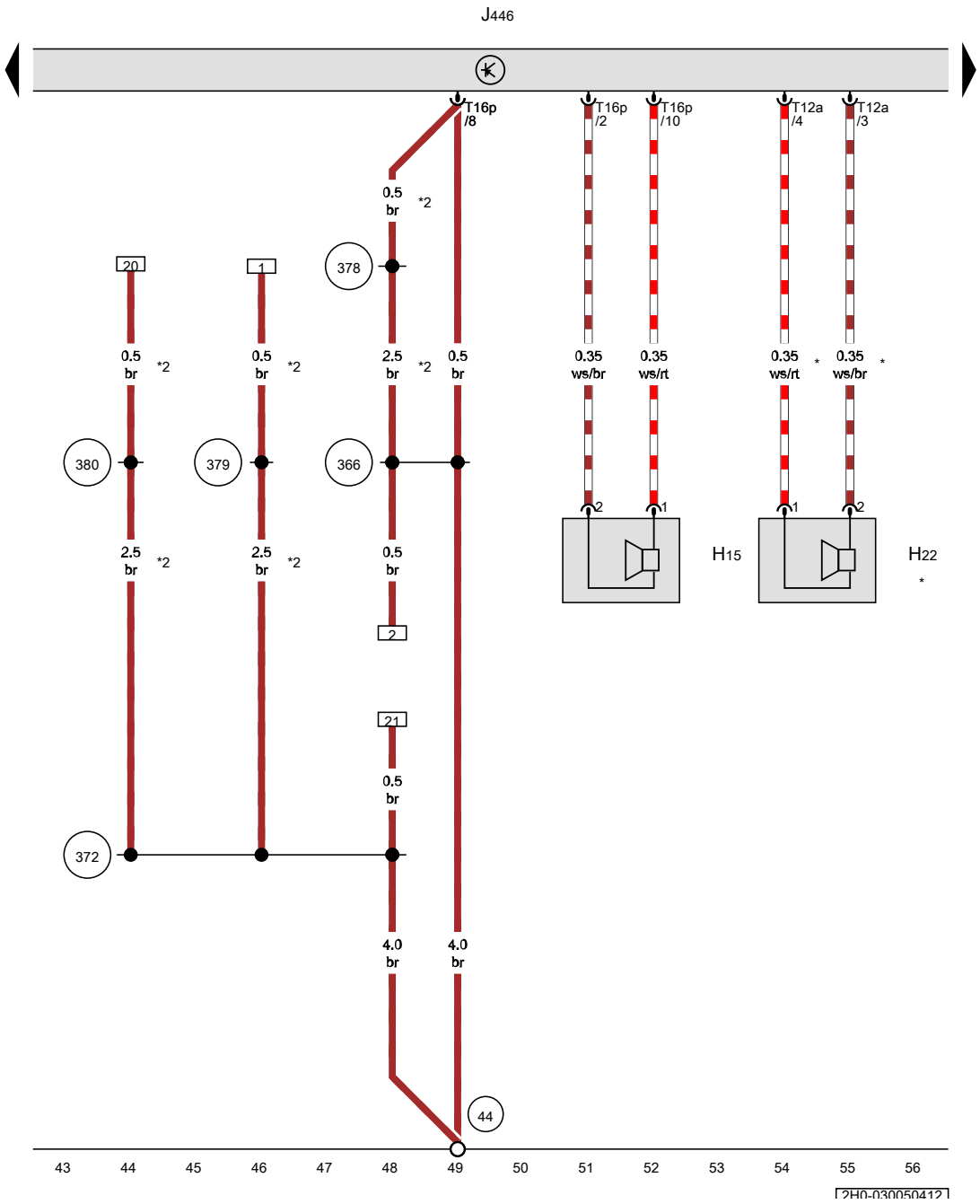

Rear parking aid warning buzzer, Front parking aid warning buzzer, Parking aid control unit

H15	Rear parking aid warning buzzer, behind right C-pillar trim
H22	Front parking aid warning buzzer
J446	Parking aid control unit, lower part of A-pillar, front passenger side
T12a	12-pin connector, brown
T16p	16-pin connector, brown
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
372	Earth connection 7, in main wiring harness
378	Earth connection 13, in main wiring harness
379	Earth connection 14, in main wiring harness
380	Earth connection 15, in main wiring harness
*	Only models with parking aid, front/rear
*2	From November 2011

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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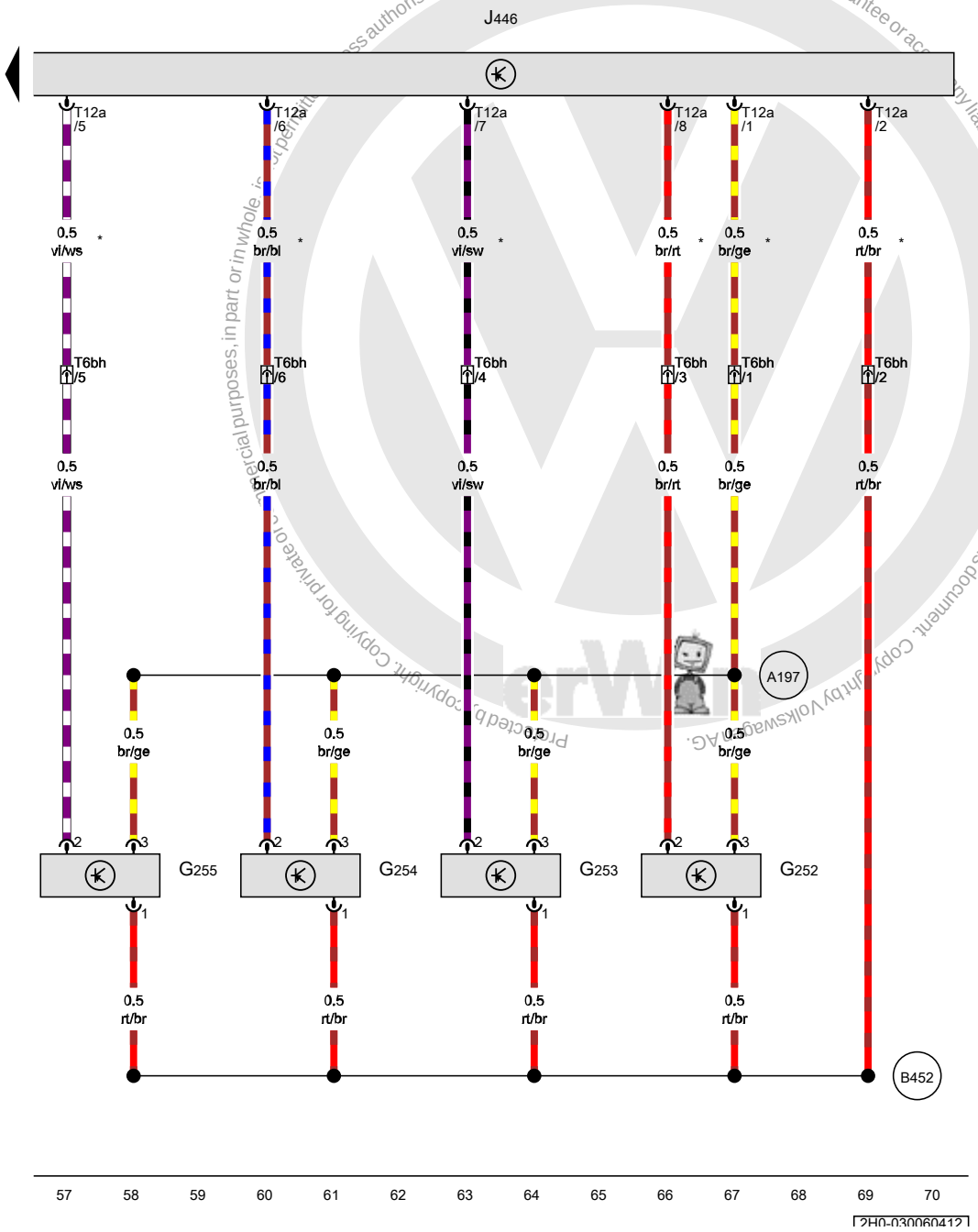

Front right parking aid sender, Front centre right parking aid sender, Front centre left parking aid sender, Front left parking aid sender, Parking aid control unit

G252	Front right parking aid sender
G253	Front centre right parking aid sender
G254	Front centre left parking aid sender
G255	Front left parking aid sender
J446	Parking aid control unit, lower part of A-pillar, front passenger side
T6bh	6-pin connector, behind front bumper on left, black
T12a	12-pin connector, brown
A197	Connection 3 (PDC), in dash panel insert wiring harness
B452	Connection 3 (PDC), in main wiring harness
*	Only models with parking aid, front/rear

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sw	=	black
ro	=	red
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Radio system , (8UA),(8AE),(8DD)

From December 2009

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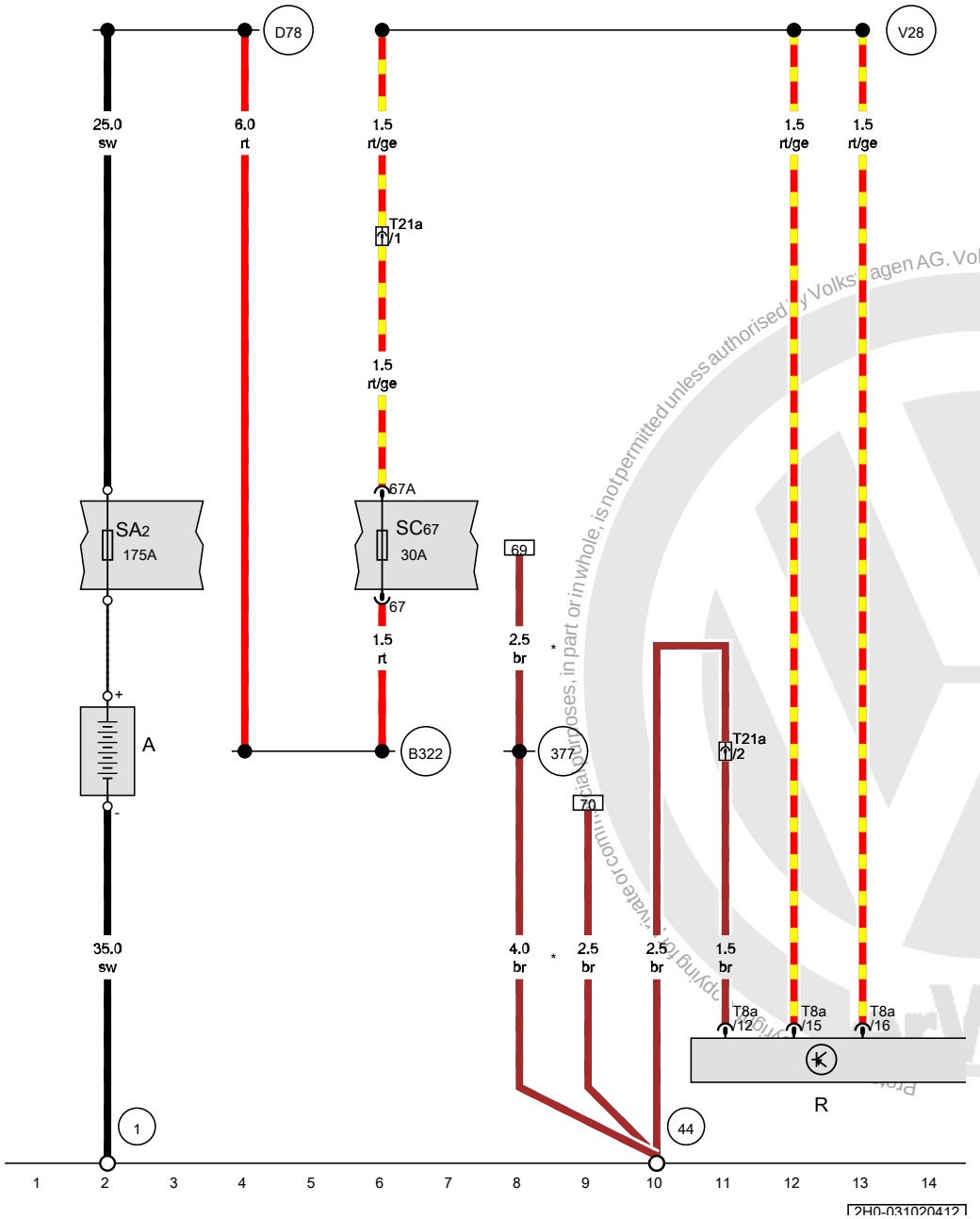
Battery, Radio, Fuse 2 in fuse holder A, Fuse 67 on fuse holder C

A	Battery
R	Radio
SA2	Fuse 2 in fuse holder A
SC67	Fuse 67 on fuse holder C
T8a	8-pin connector, black
T21a	21-pin connector, on relay carrier, brown
1	Earth strap, battery - body
44	Earth point, lower part of left A-pillar
377	Earth connection 12, in main wiring harness
B322	Positive connection 8 (30a) in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
V28	Connection 1, in radio wiring harness
*	From November 2011



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sw	=	black
ro	=	red
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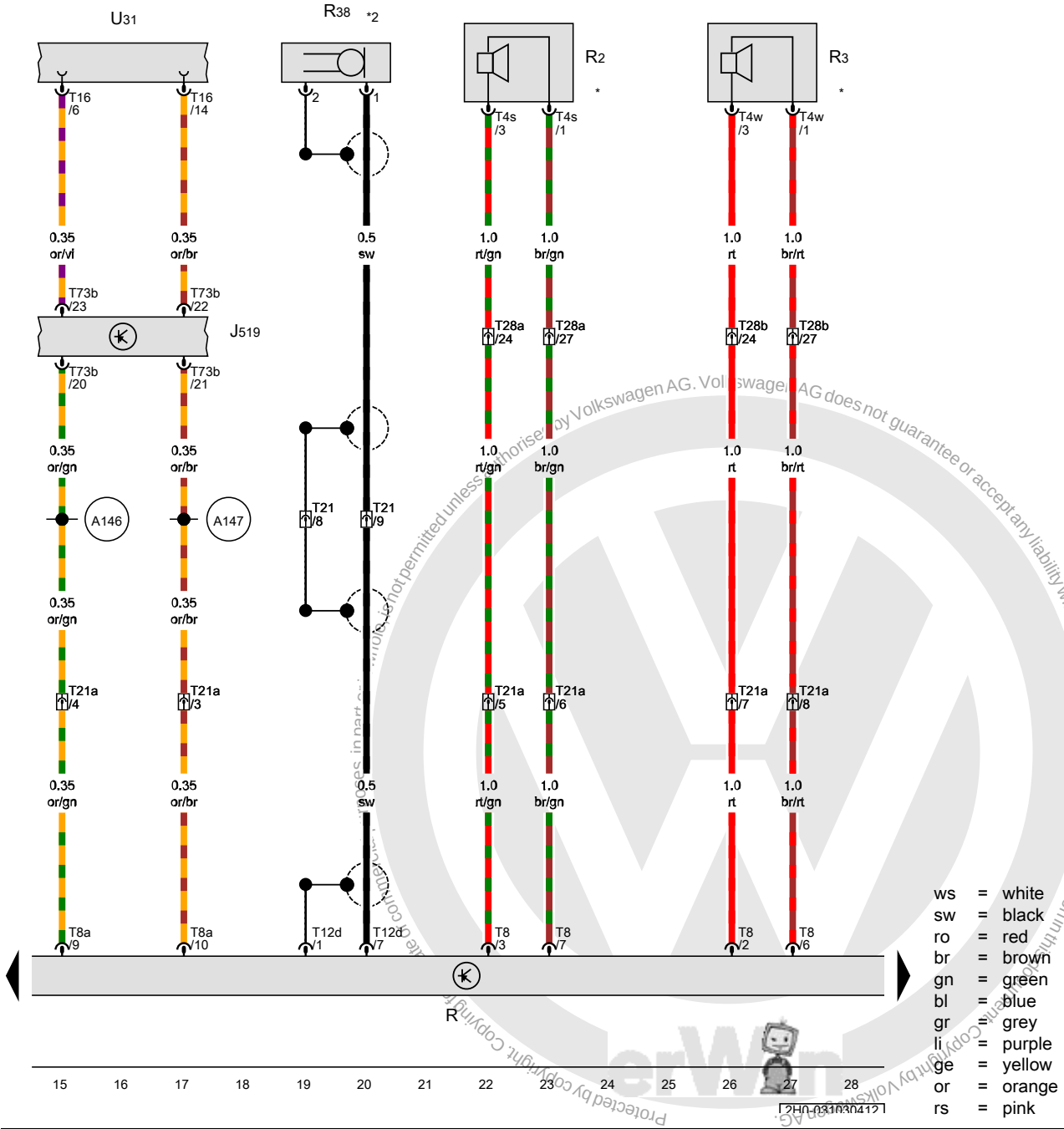

Radio, Front left loudspeaker, Front right loudspeaker, Telephone microphone, Diagnostic connection

J519	Onboard supply control unit
R	Radio
R2	Front left loudspeaker
R3	Front right loudspeaker
R38	Telephone microphone
T4s	4-pin connector
T4w	4-pin connector
T8	8-pin connector, brown
T8a	8-pin connector, black
T12d	12-pin connector, green
T16	16-pin connector, black
T21	21-pin connector, on relay carrier, blue
T21a	21-pin connector, on relay carrier, brown
T28a	28-pin connector
T28b	28-pin connector, on right A-pillar
T73b	73-pin connector, colourless
U31	Diagnostic connection, near driver side A-pillar
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
*	Only models with 2 loudspeakers (8RD)
*2	Only models with mobile telephone/ preparation for mobile telephone

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
bl	=	blue
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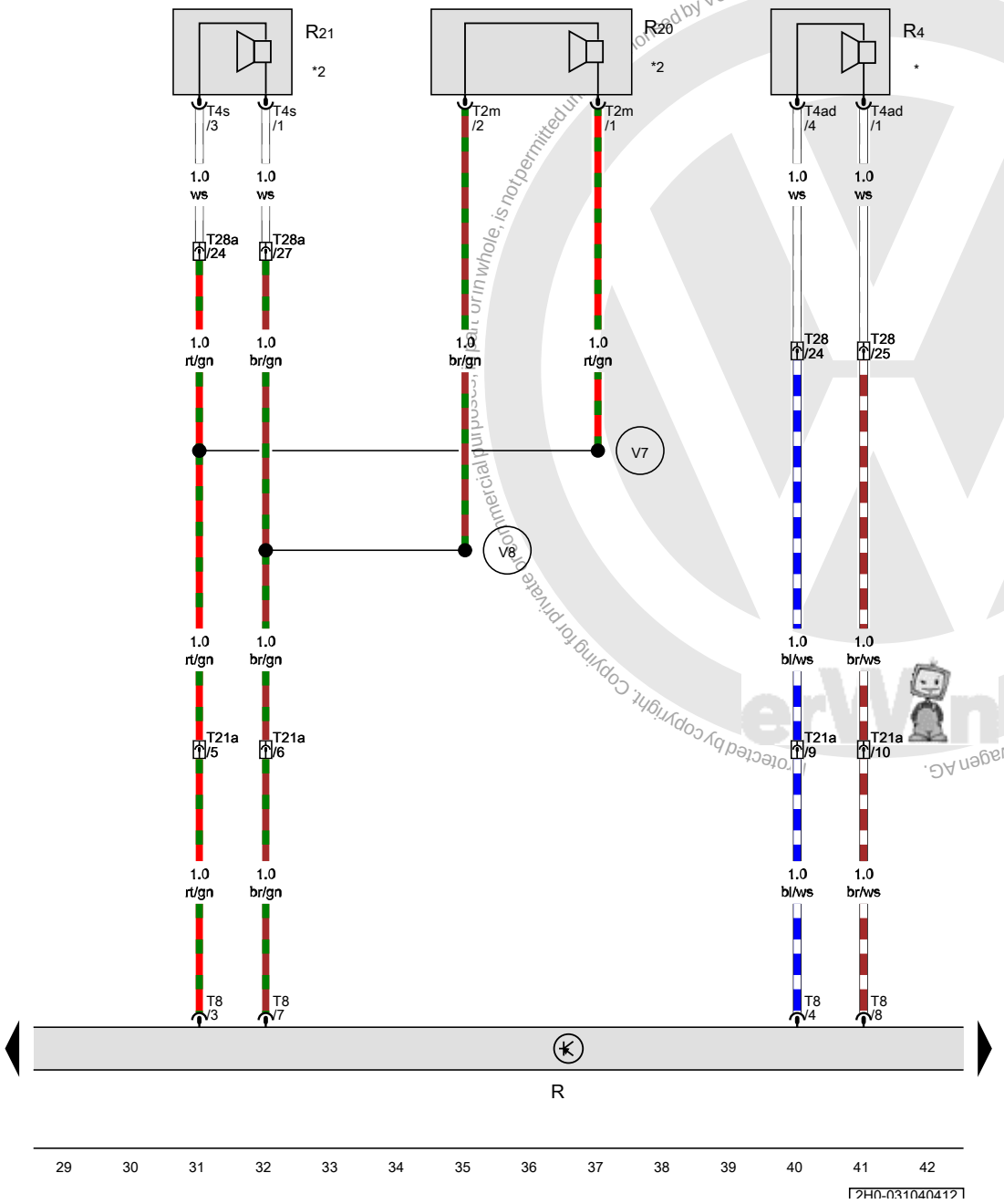

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Radio, Rear left loudspeaker, Front left treble loudspeaker, Front left bass loudspeaker

R	Radio
R4	Rear left loudspeaker
R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
T2m	2-pin connector, black
T4ad	4-pin connector
T4s	4-pin connector
T8	8-pin connector, brown
T21a	21-pin connector, on relay carrier, brown
T28	28-pin connector
T28a	28-pin connector
V7	Connection (positive, front left loudspeaker), in loudspeaker wiring harness
V8	Connection (negative, front left loudspeaker), in loudspeaker wiring harness
*	Only models with equipment (6-passive loudspeakers)
*2	Only models with 4 or 6 loudspeakers

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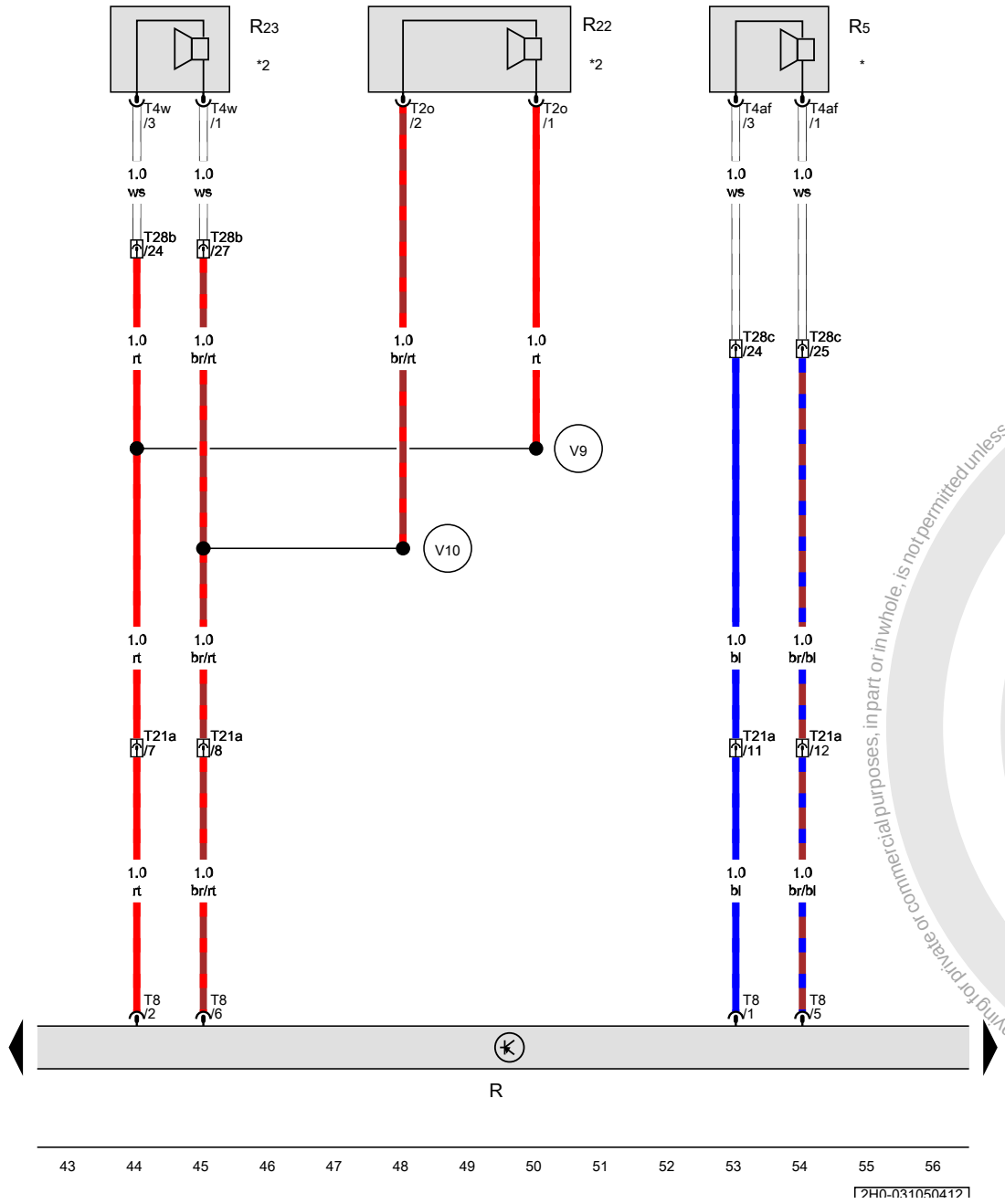

Radio, Rear right loudspeaker, Front right treble loudspeaker, Front right bass loudspeaker

R	Radio
R5	Rear right loudspeaker
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
T2o	2-pin connector, black
T4af	4-pin connector
T4w	4-pin connector, black
T8	8-pin connector, brown
T21a	21-pin connector, on relay carrier, brown
T28b	28-pin connector
T28c	28-pin connector
V9	Connection (positive, front right loudspeaker), in loudspeaker wiring harness
V10	Connection (negative, front right loudspeaker), in loudspeaker wiring harness
*	Only models with equipment (6-passive loudspeakers)
*2	Only models with 4 or 6 loudspeakers

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
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gr	=	grey
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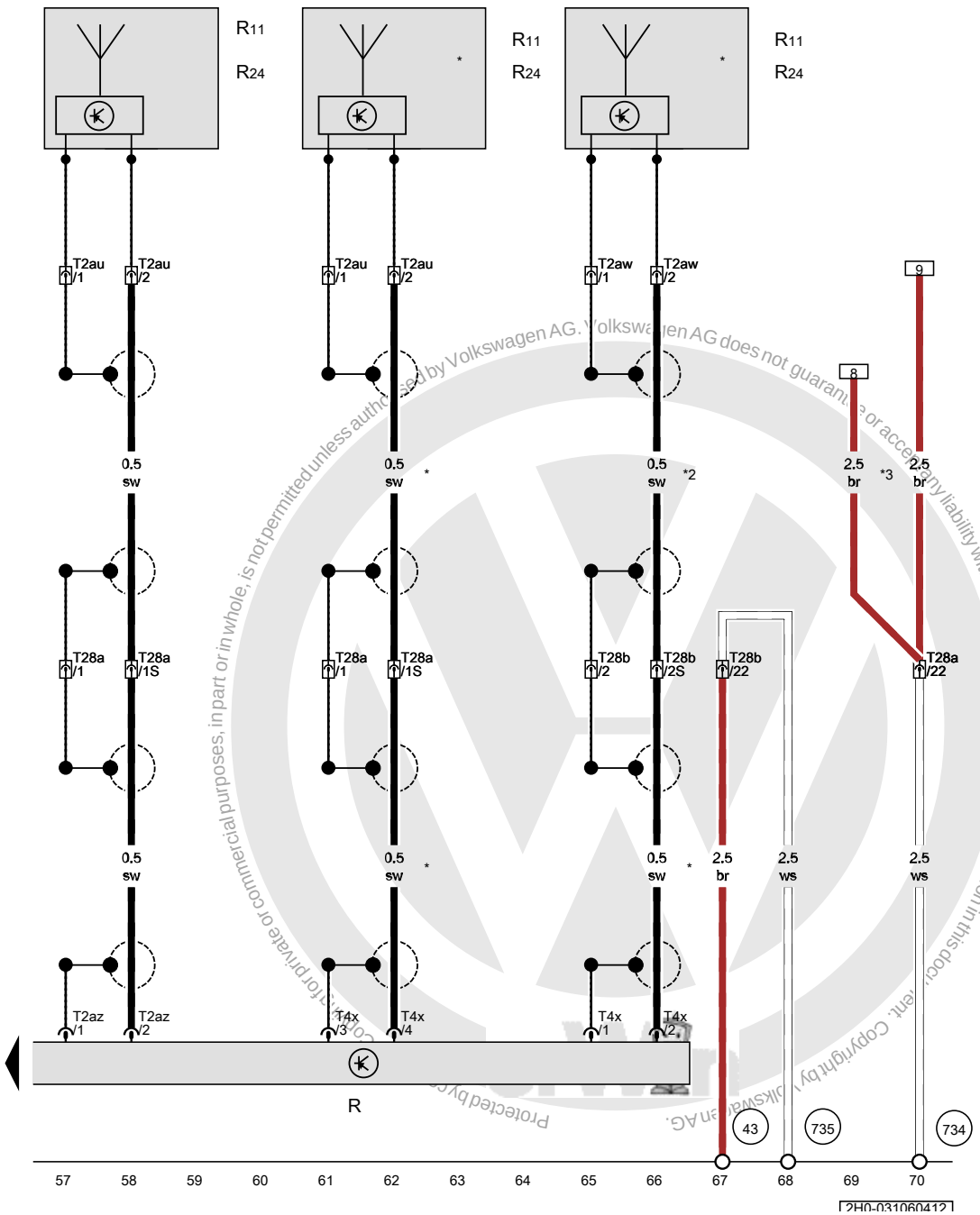

ws = white
sw = black
ro = red
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gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Radio, Aerial, Aerial amplifier

R	Radio
R11	Aerial
R24	Aerial amplifier
T2au	2-pin connector, in left door, near exterior mirror
T2aw	2-pin connector, in right door, near exterior mirror
T2az	2-pin connector, colourless
T4x	4-pin connector, colourless
T28a	28-pin connector
T28b	28-pin connector, on right A-pillar
43	Earth point, lower part of right A-pillar
734	Earth point in front left door
735	Earth point in front right door
*	Only models with radio RCD 310/RCD 510
*2	Only models with radio and amplifier
*3	From November 2011

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2.0l petrol engine , CFPA

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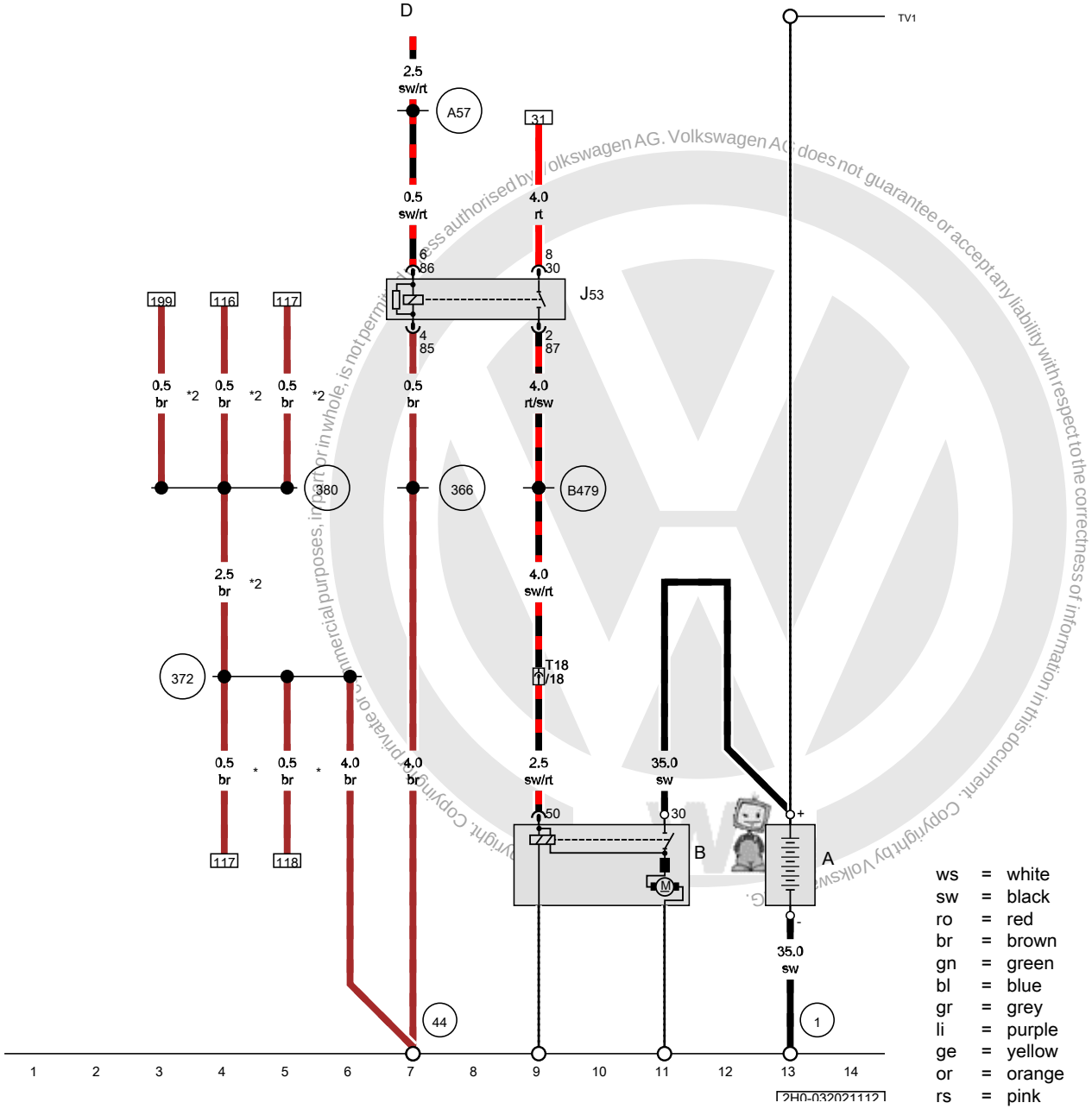

Battery, Starter, Starter motor relay

A	Battery
B	Starter
D	Ignition/starter switch
J53	Starter motor relay
T18	18-pin connector, near engine control unit, black
1	Earth strap, battery - body
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
372	Earth connection 7, in main wiring harness
380	Earth connection 15, in main wiring harness
A57	Positive connection 3 (30), in dash panel wiring harness
B479	Connection 15, in main wiring harness
*	Only models with Climatronic
*2	From November 2011

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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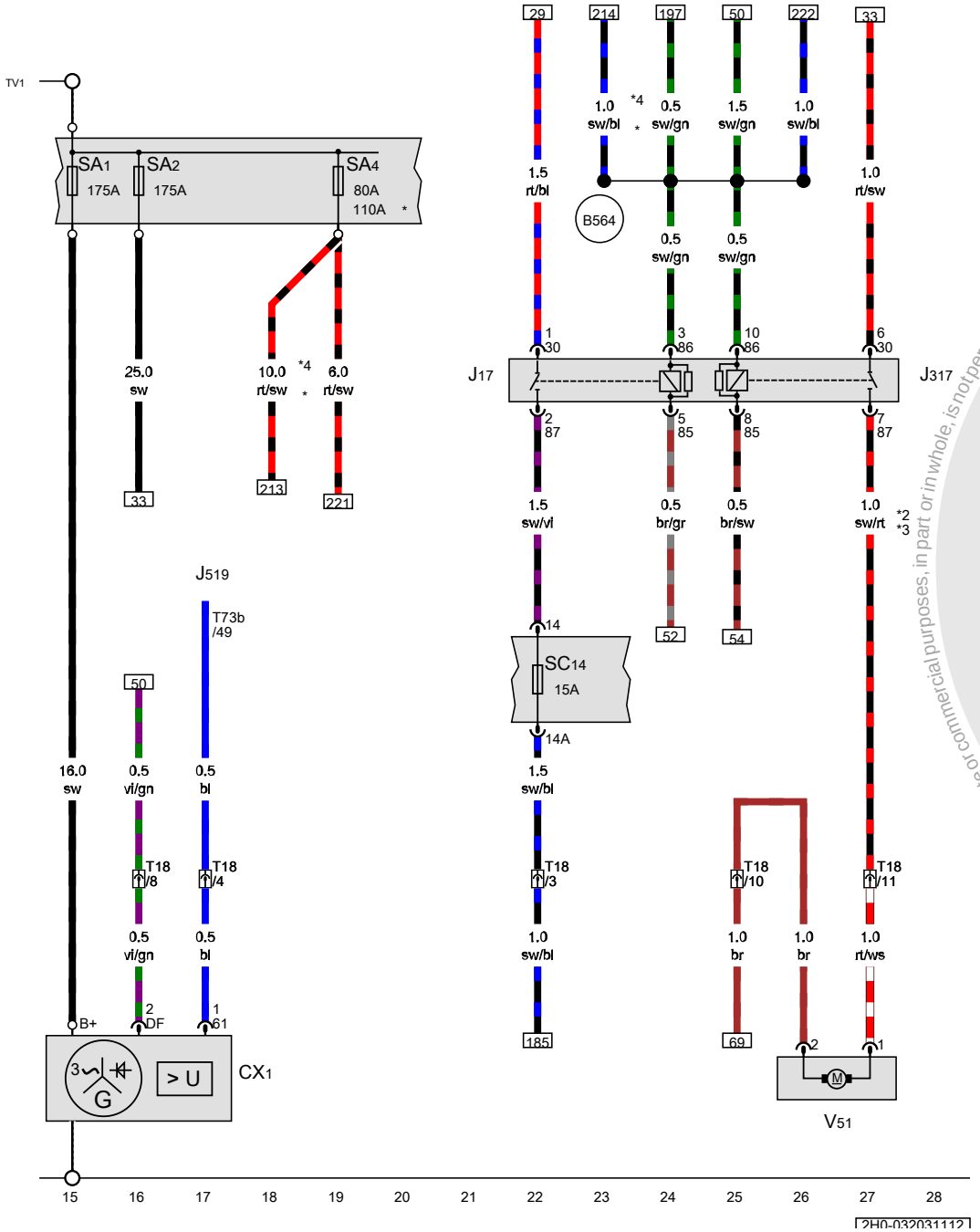

Alternator with voltage regulator, Fuel pump relay, Terminal 30 voltage supply relay, Fuse 1 in fuse holder A, Fuse 4 in fuse holder A, Fuse 14 on fuse holder C, Continued coolant circulation pump

CX1	Alternator with voltage regulator
J17	Fuel pump relay
J317	Terminal 30 voltage supply relay
J519	Onboard supply control unit
SA1	Fuse 1 in fuse holder A
SA2	Fuse 2 in fuse holder A
SA4	Fuse 4 in fuse holder A
SC14	Fuse 14 on fuse holder C
T18	18-pin connector, near engine control unit, black
T73b	73-pin connector
V51	Continued coolant circulation pump
B564	Connection 31, in main wiring harness
*	Only for countries with hot climate
*2	Only models with no Climatronic
*3	see applicable current flow diagram for automatic air conditioning system
*4	Only models with air conditioning system/ Climatronic

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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or	=	orange
rs	=	pink

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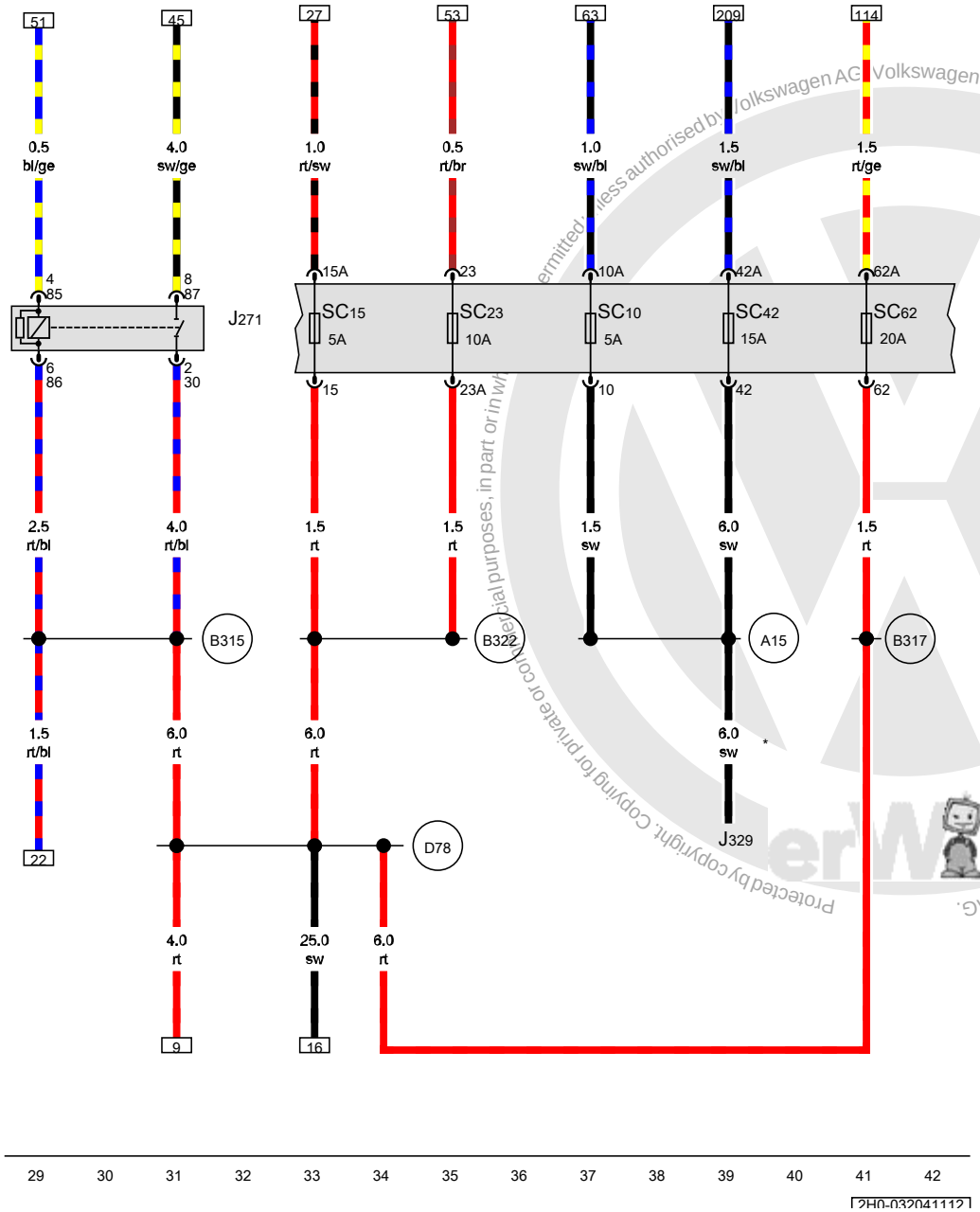

Main relay, Fuse 10 on fuse holder C, Fuse 15 on fuse holder C, Fuse 23 on fuse holder C

J271	Main relay
J329	Terminal 15 voltage supply relay
SC10	Fuse 10 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC23	Fuse 23 on fuse holder C
SC42	Fuse 42 on fuse holder C
SC62	Fuse 62 on fuse holder C
A15	Positive connection (15), in instrument wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B317	Positive connection 3 (30a) in main wiring harness
B322	Positive connection 8 (30a) in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
*	see applicable current flow diagram for fuse assignment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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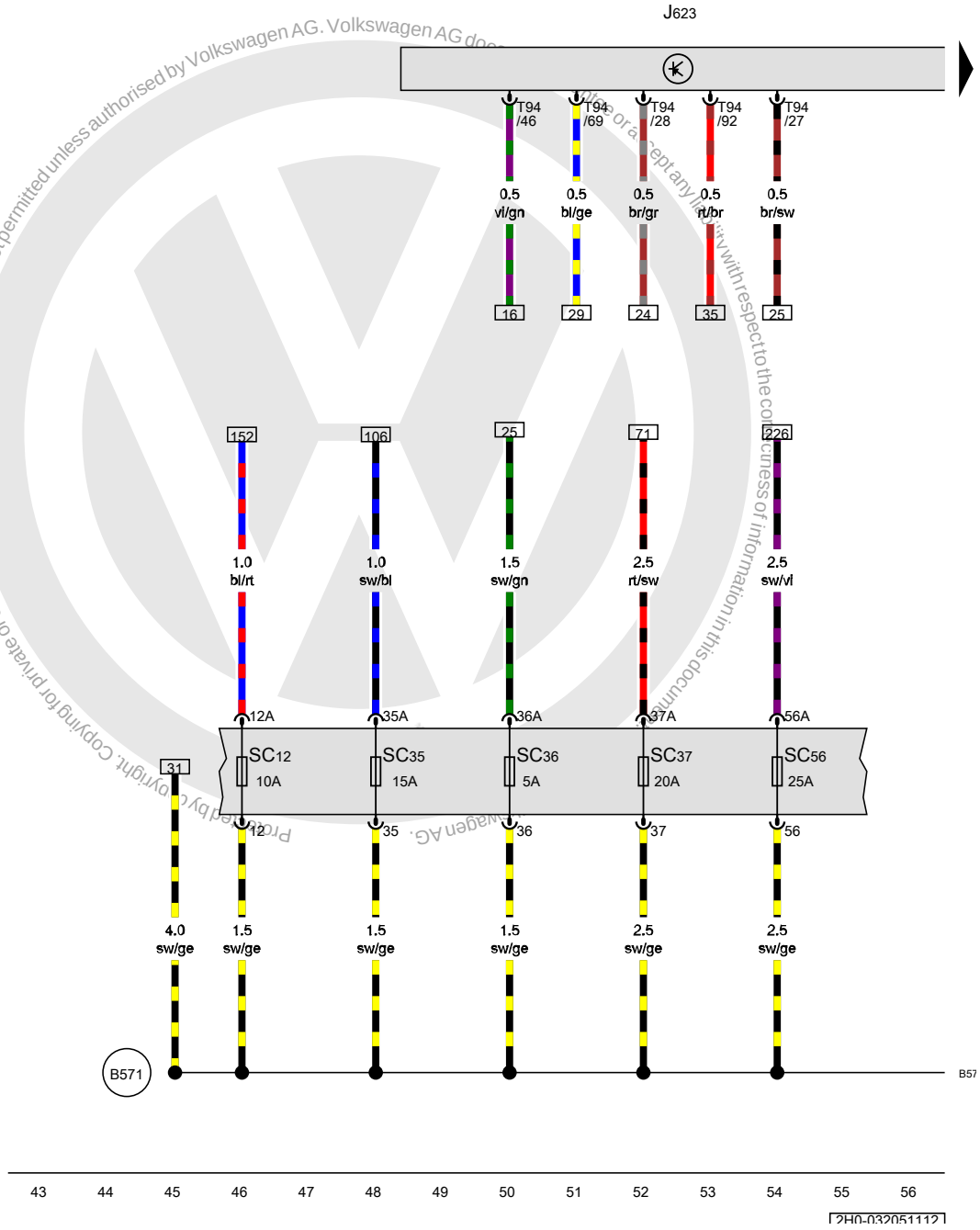

Engine control unit, Fuse 12 on fuse holder C, Fuse 35 on fuse holder C, Fuse 36 on fuse holder C

J623	Engine control unit
SC12	Fuse 12 on fuse holder C
SC35	Fuse 35 on fuse holder C
SC36	Fuse 36 on fuse holder C
SC37	Fuse 37 on fuse holder C
SC56	Fuse 56 on fuse holder C
T94	94-pin connector, black
B571	Connection 38, in main wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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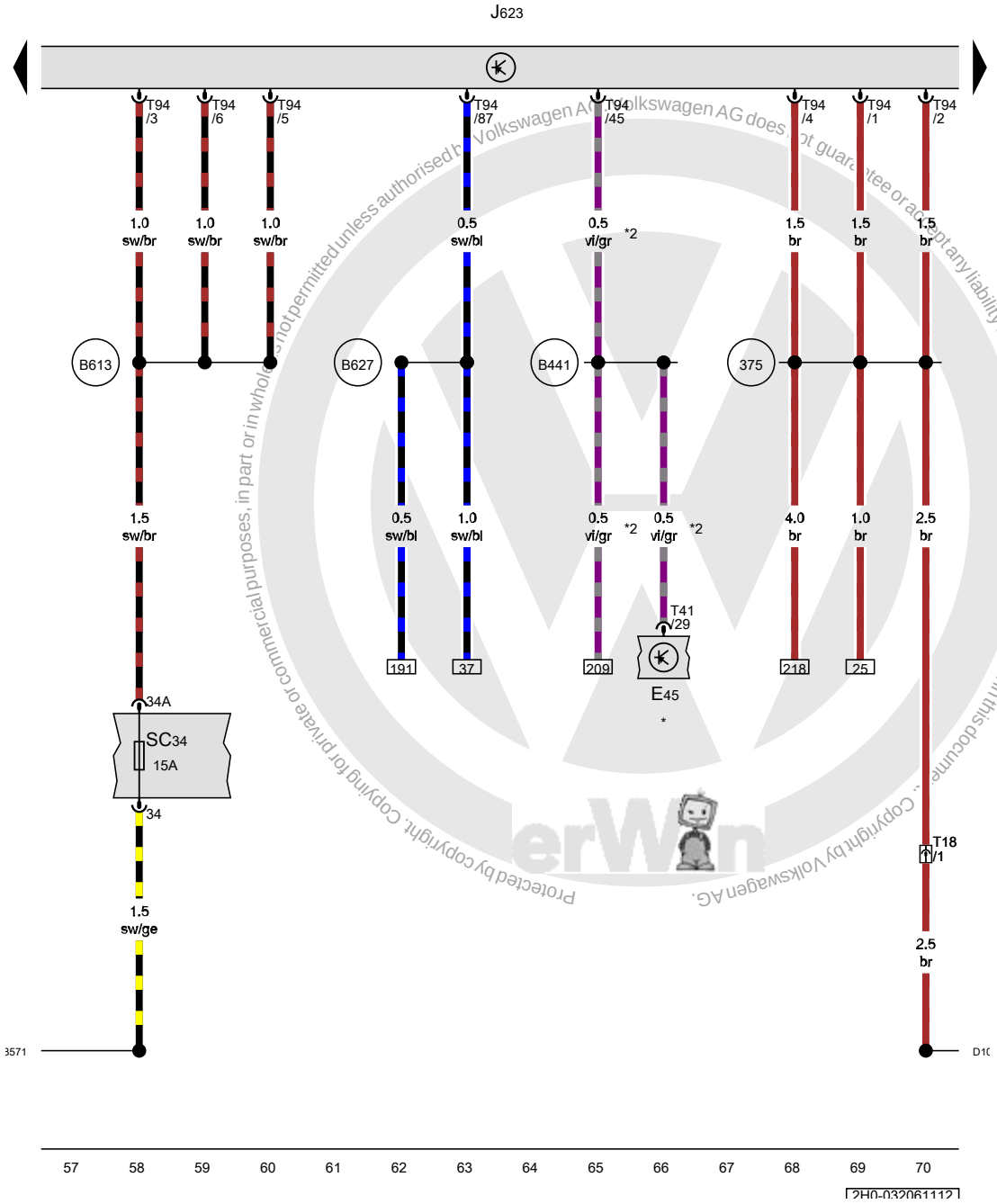

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
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or = orange
rs = pink

Cruise control system switch, Engine control unit

E45	Cruise control system switch
J623	Engine control unit
SC34	Fuse 34 on fuse holder C
T18	18-pin connector, near engine control unit, black
T41	41-pin connector
T94	94-pin connector, black
375	Earth connection 10, in main wiring harness
B441	Connection (CCS), in main wiring harness
B571	Connection 38, in main wiring harness
B613	Connection 41, in main wiring harness
B627	Positive connection 3 (15), in main wiring harness
D109	Connection 7 in engine compartment wiring harness
*	see applicable current flow diagram for basic equipment
*2	Only models with cruise control system (CCS)

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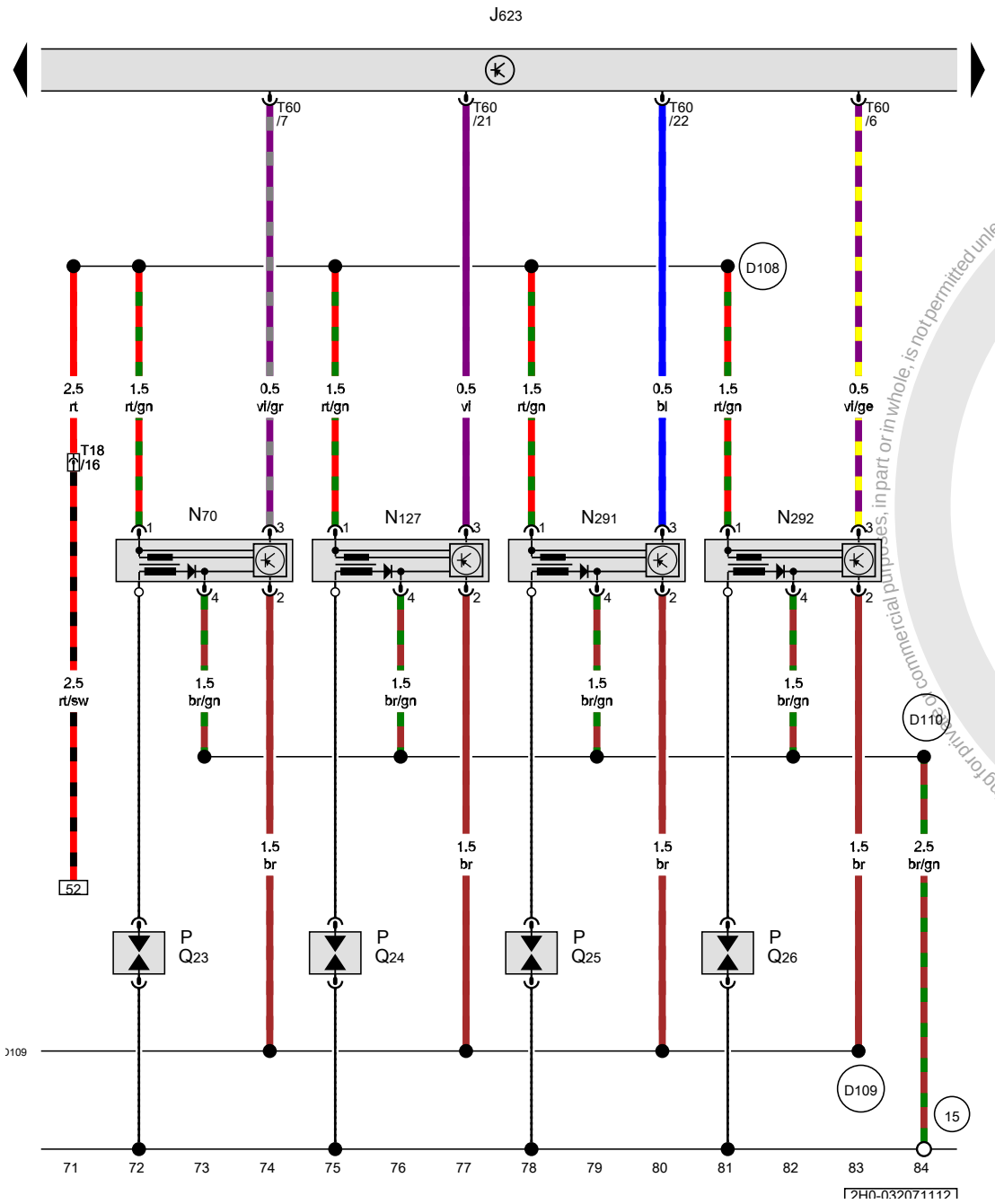

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Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage, Spark plug connector, Spark plug 1, Spark plug 2, Spark plug 3, Spark plug 4

J623	Engine control unit
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
P	Spark plug connector
Q23	Spark plug 1
Q24	Spark plug 2
Q25	Spark plug 3
Q26	Spark plug 4
T18	18-pin connector, near engine control unit, black
T60	60-pin connector, black
15	Earth point, on cylinder head
D108	Connection 6 in engine compartment wiring harness
D109	Connection 7 in engine compartment wiring harness
D110	Connection 8 in engine compartment wiring harness

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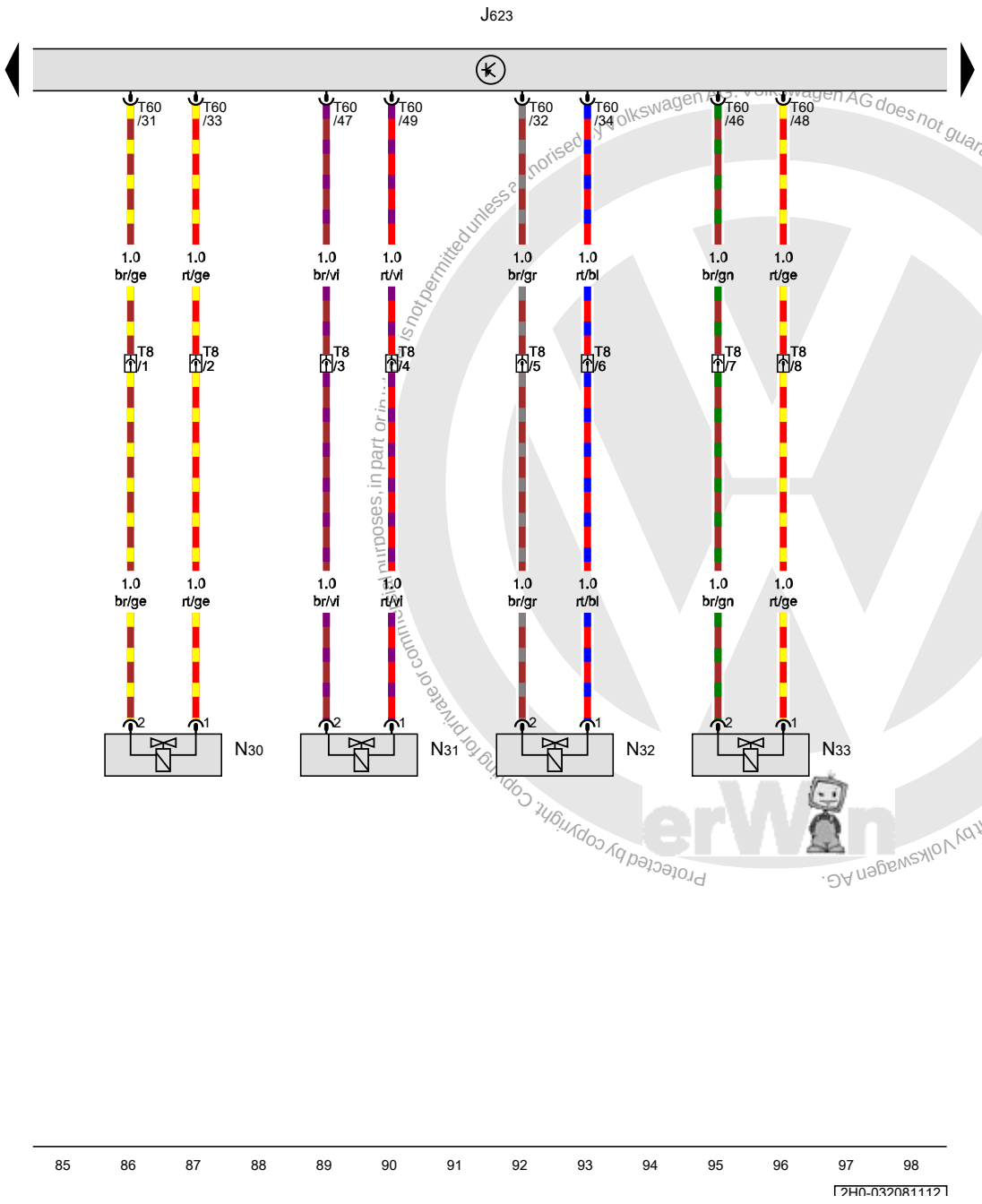

Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T8	8-pin connector, brown
T60	60-pin connector, black

ws	=	white
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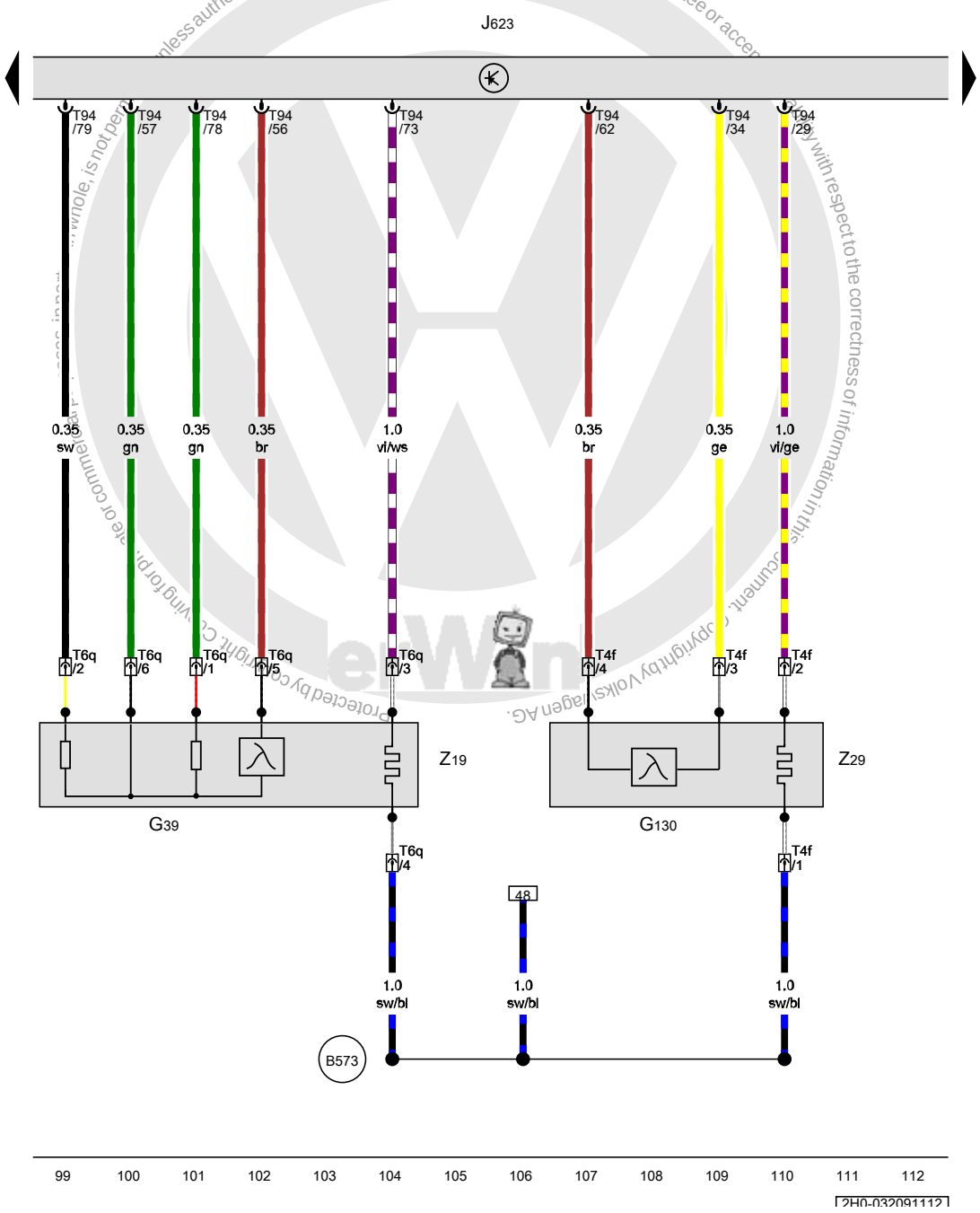

Lambda probe, Lambda probe after catalytic converter, Engine control unit

G39	Lambda probe
G130	Lambda probe after catalytic converter
J623	Engine control unit
T4f	4-pin connector, in rear right of engine compartment, black
T6q	6-pin connector, front right in engine compartment, black
T94	94-pin connector, black
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
B573	Connection 40, in main wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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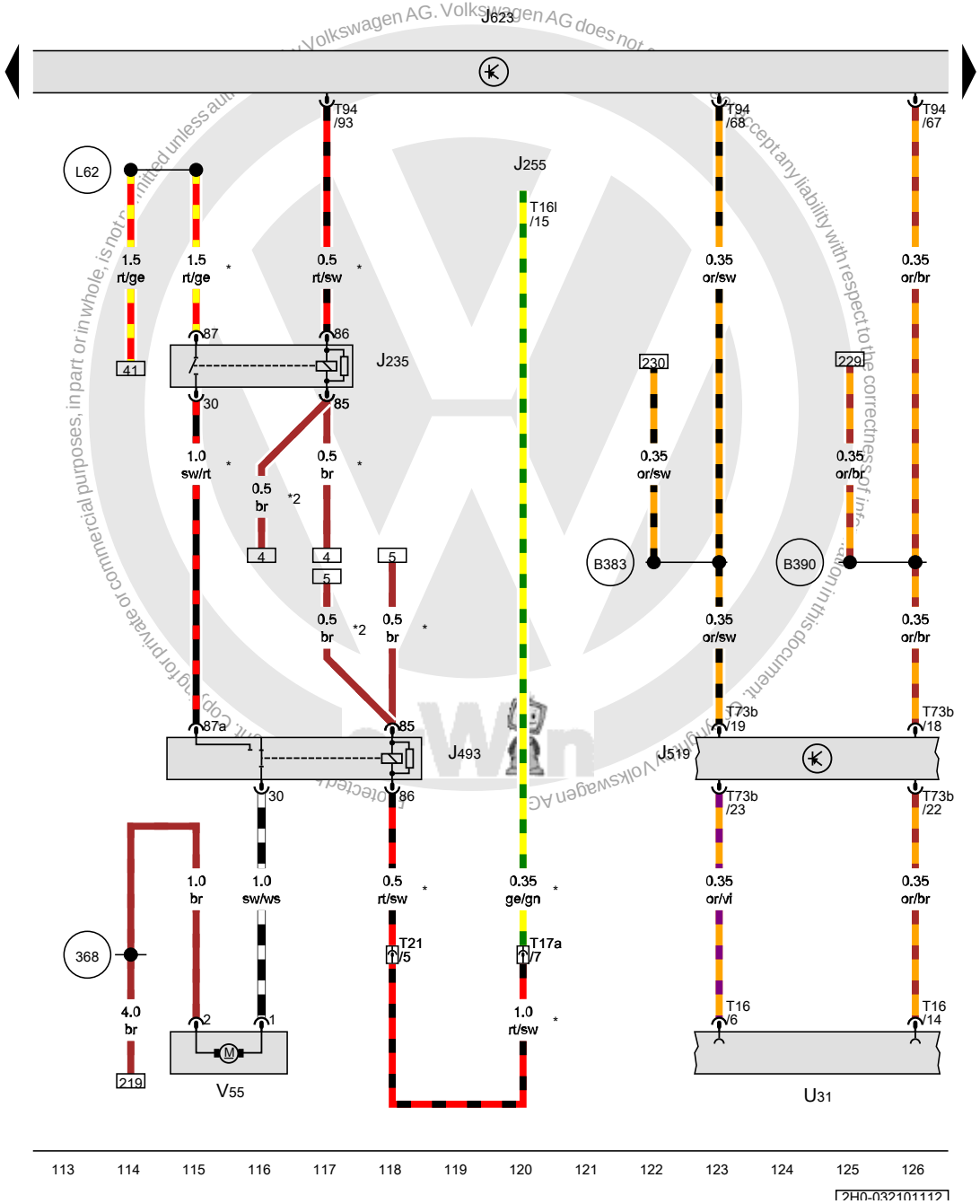

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Engine control unit, Circulation pump

J235	Coolant pump relay
J255	Climatronic control unit
J493	Auxiliary coolant heater relay
J519	Onboard supply control unit
J623	Engine control unit
T16	16-pin connector
T16l	16-pin connector
T17a	17-pin connector, black
T21	21-pin connector, blue
T73b	73-pin connector
T94	94-pin connector, black
U31	Diagnostic connection
V55	Circulation pump
368	Earth connection 3, in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
L62	Positive connection (30a), in auxiliary heater wiring harness
*	Only models with Climatronic
*2	From November 2011

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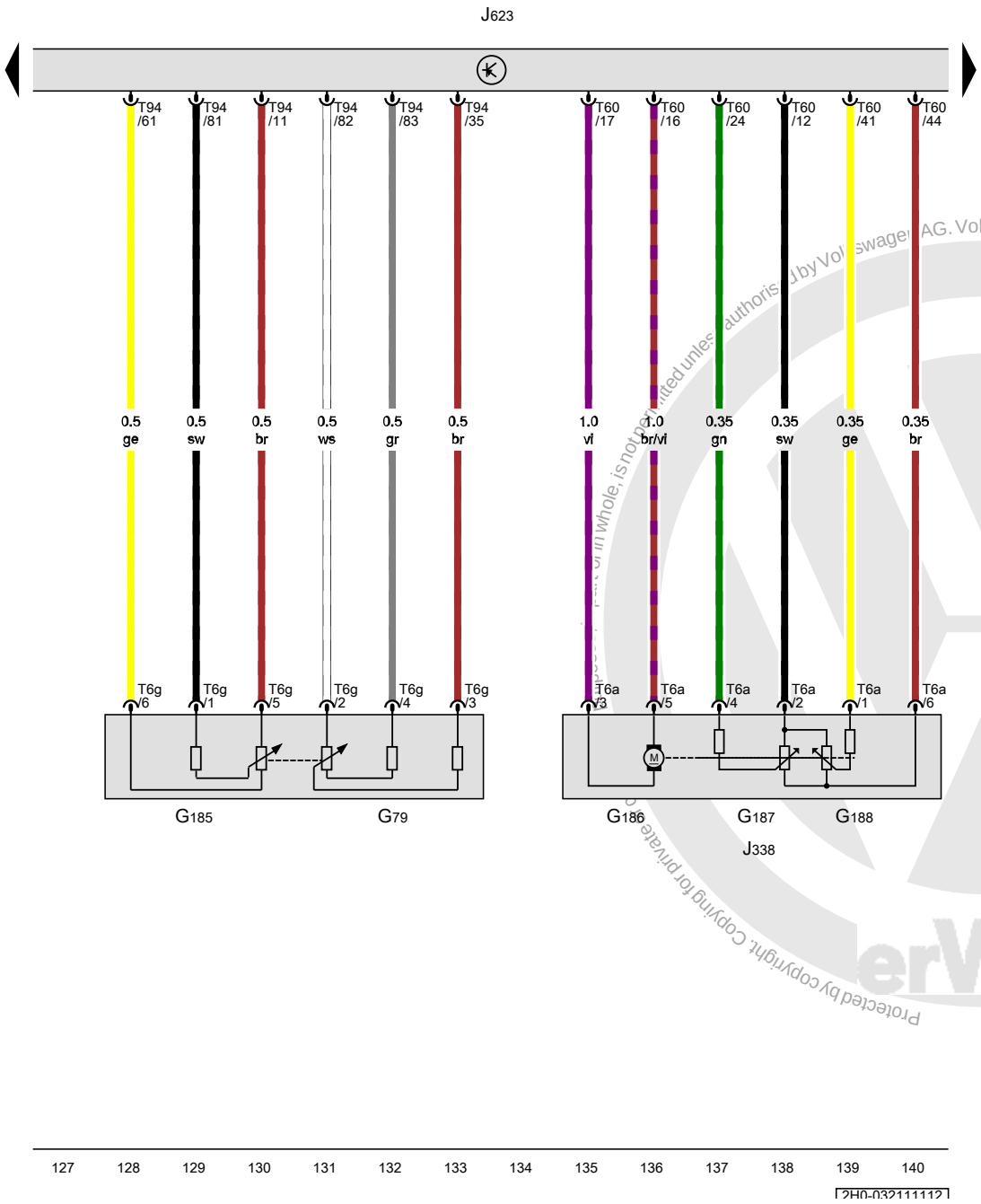

Accelerator position sender, Throttle valve drive for electric throttle, Throttle valve module, Engine control unit

G79	Accelerator position sender
G185	Accelerator position sender 2
G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
J338	Throttle valve module
J623	Engine control unit
T6a	6-pin connector
T6g	6-pin connector
T60	60-pin connector, black
T94	94-pin connector, black

ws	=	white
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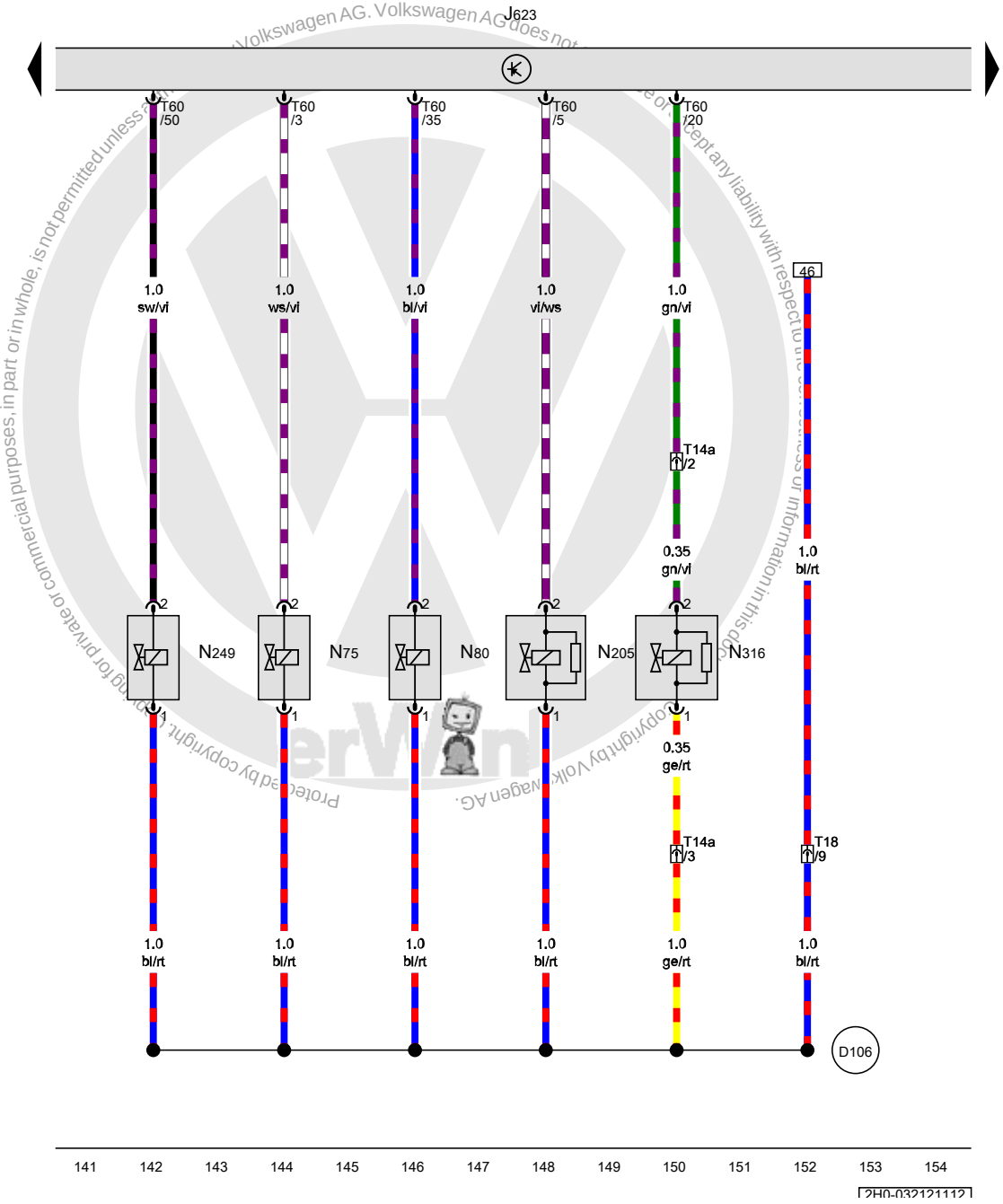

Engine control unit, Charge pressure control solenoid valve, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Turbocharger air recirculation valve, Intake manifold flap valve

J623	Engine control unit
N75	Charge pressure control solenoid valve
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N249	Turbocharger air recirculation valve
N316	Intake manifold flap valve
T14a	14-pin connector, front left in engine compartment, black
T18	18-pin connector, near engine control unit, black
T60	60-pin connector, black
D106	Connection 4 in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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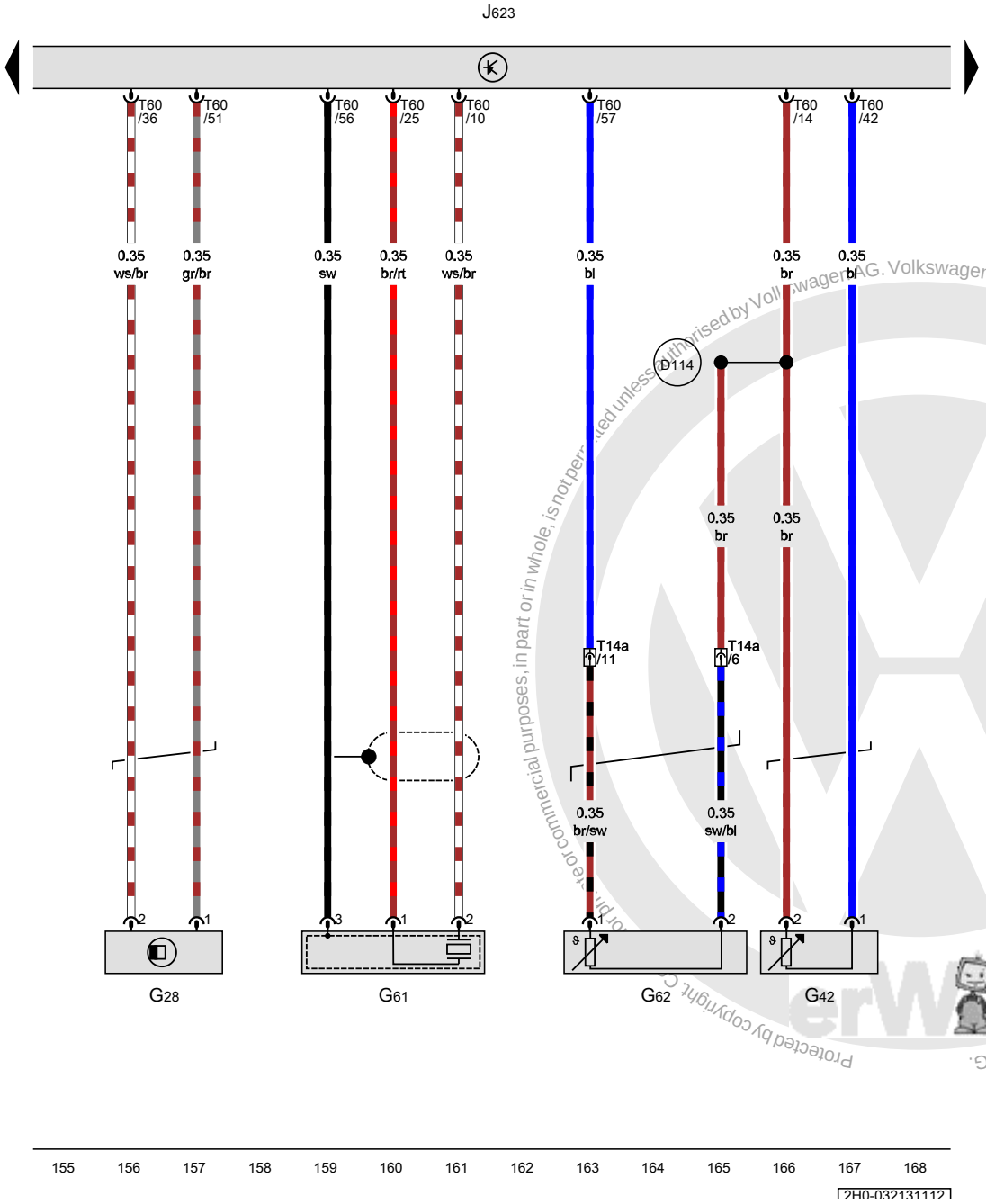
Engine speed sender, Intake air temperature sender, Knock sensor 1, Coolant temperature sender, Engine control unit

G28	Engine speed sender
G42	Intake air temperature sender
G61	Knock sensor 1
G62	Coolant temperature sender
J623	Engine control unit
T14a	14-pin connector, front left in engine compartment, black
T60	60-pin connector, black
D114	Connection 12 in engine compartment wiring harness



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gn	=	green
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ge	=	yellow
or	=	orange
rs	=	pink

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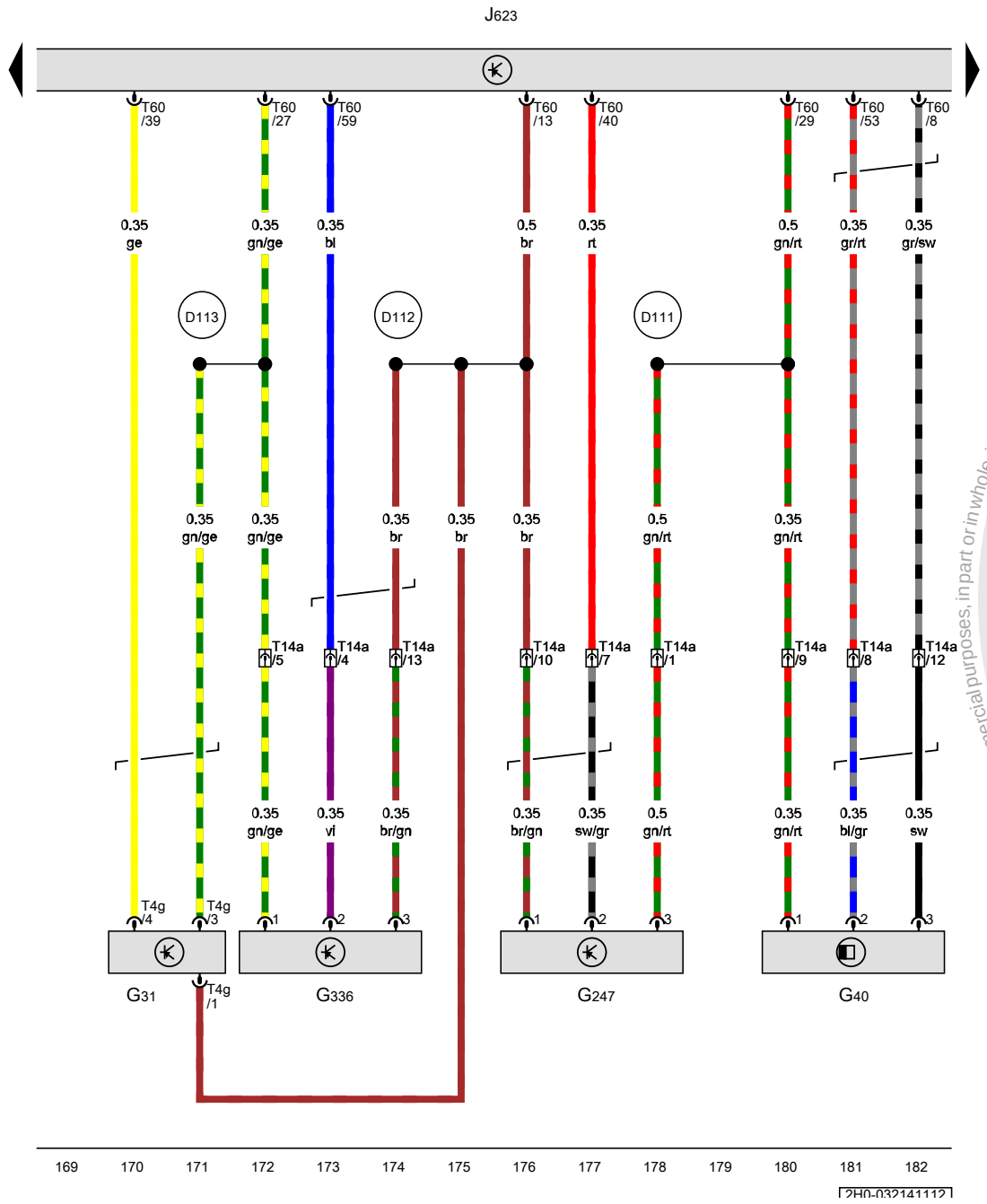

Charge pressure sender, Hall sender, Fuel pressure sender, Intake manifold flap potentiometer, Engine control unit

G31	Charge pressure sender
G40	Hall sender
G247	Fuel pressure sender
G336	Intake manifold flap potentiometer
J623	Engine control unit
T4g	4-pin connector
T14a	14-pin connector, front left in engine compartment, black
T60	60-pin connector, black
D111	Connection 9 in engine compartment wiring harness
D112	Connection 10 in engine compartment wiring harness
D113	Connection 11 in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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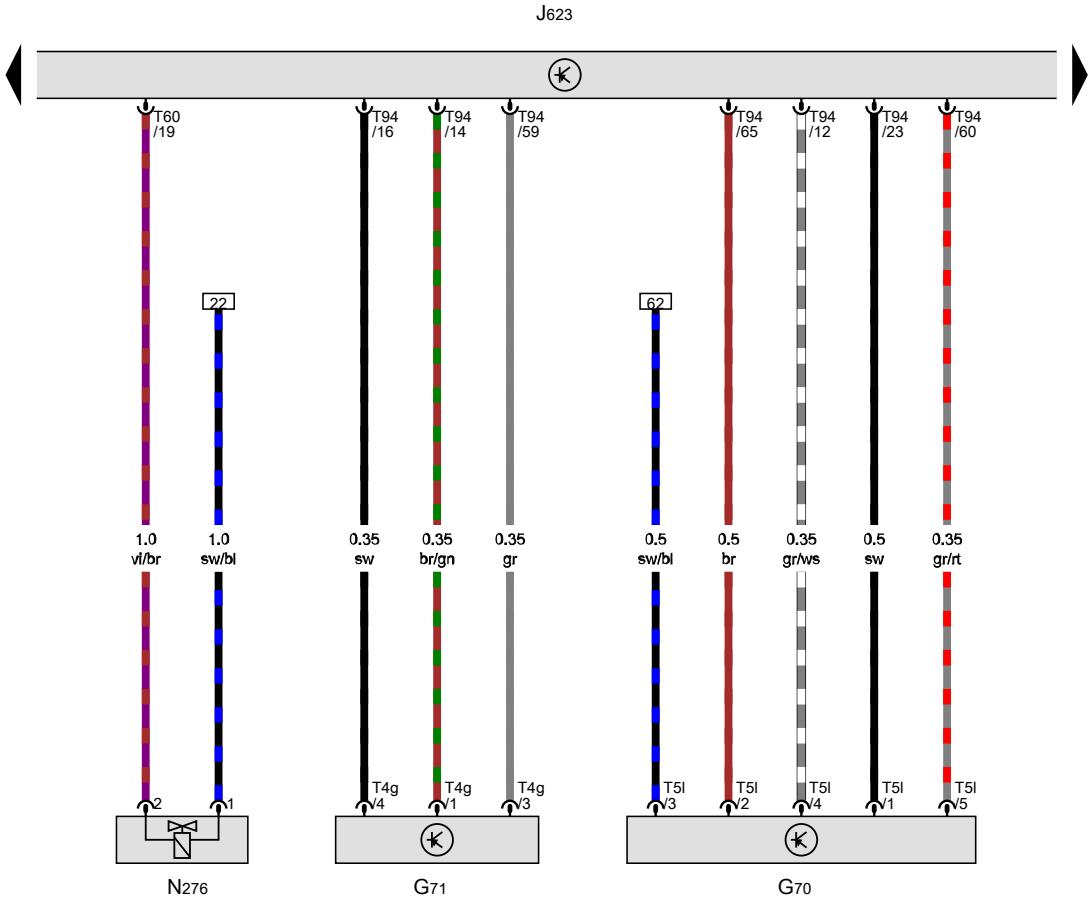
Air mass meter, Intake manifold pressure sender, Engine control unit, Fuel pressure regulating valve

G70	Air mass meter
G71	Intake manifold pressure sender
J623	Engine control unit
N276	Fuel pressure regulating valve
T4g	4-pin connector
T5l	5-pin connector
T60	60-pin connector, black
T94	94-pin connector, black



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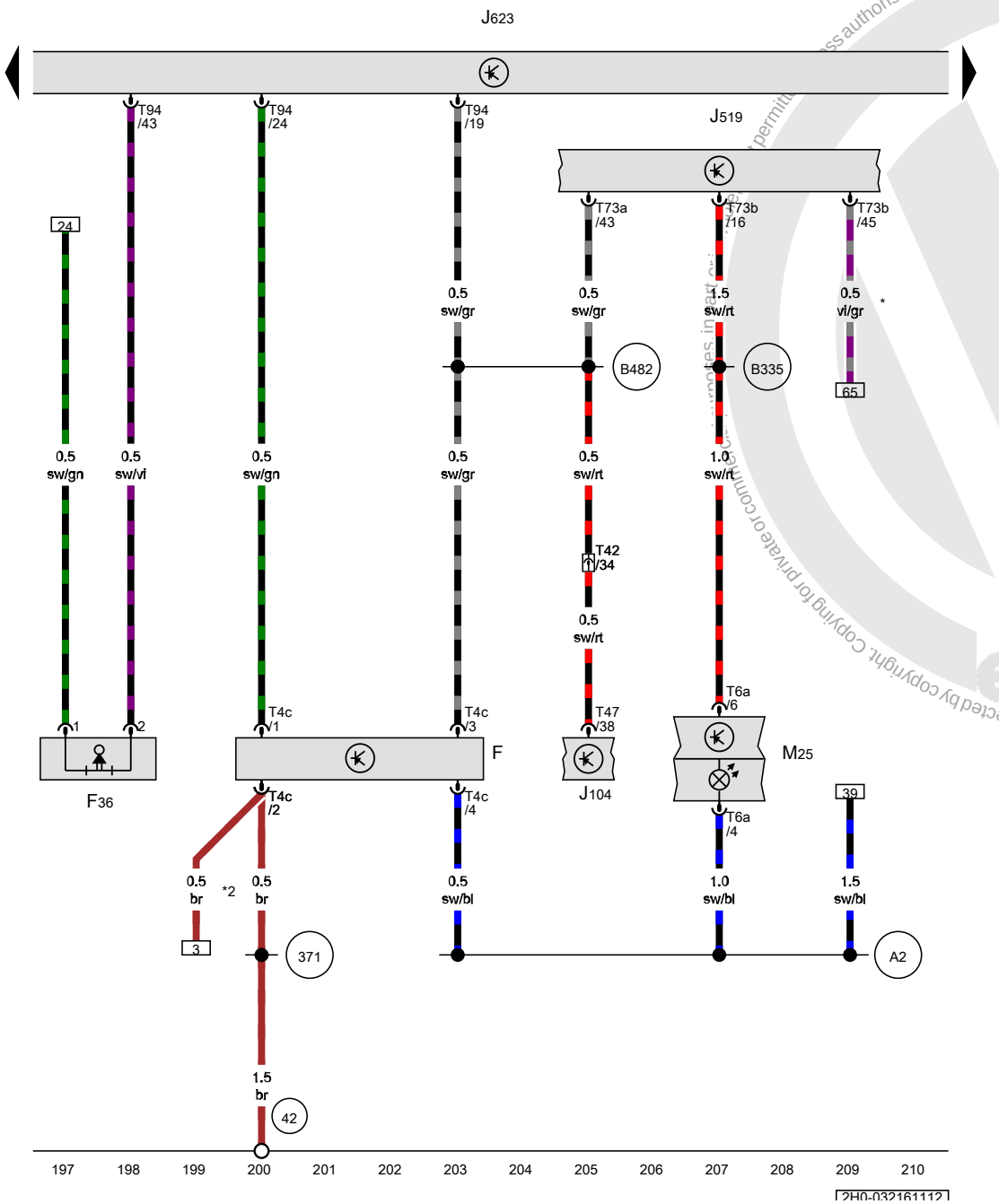

Brake light switch, Clutch pedal switch, ABS control unit, Engine control unit

F	Brake light switch
F36	Clutch pedal switch
J104	ABS control unit
J519	Onboard supply control unit
J623	Engine control unit
M25	Additional brake light bulb
T4c	4-pin connector
T6a	6-pin connector
T42	42-pin connector, black
T47	47-pin connector
T73a	73-pin connector
T73b	73-pin connector
T94	94-pin connector, black
42	Earth point, next to steering column
371	Earth connection 6, in main wiring harness
A2	Positive connection (15), in dash panel wiring harness
B335	Connection 1 (54), in main wiring harness
B482	Connection 18, in main wiring harness
*	Only models with cruise control system (CCS)
*2	From November 2011

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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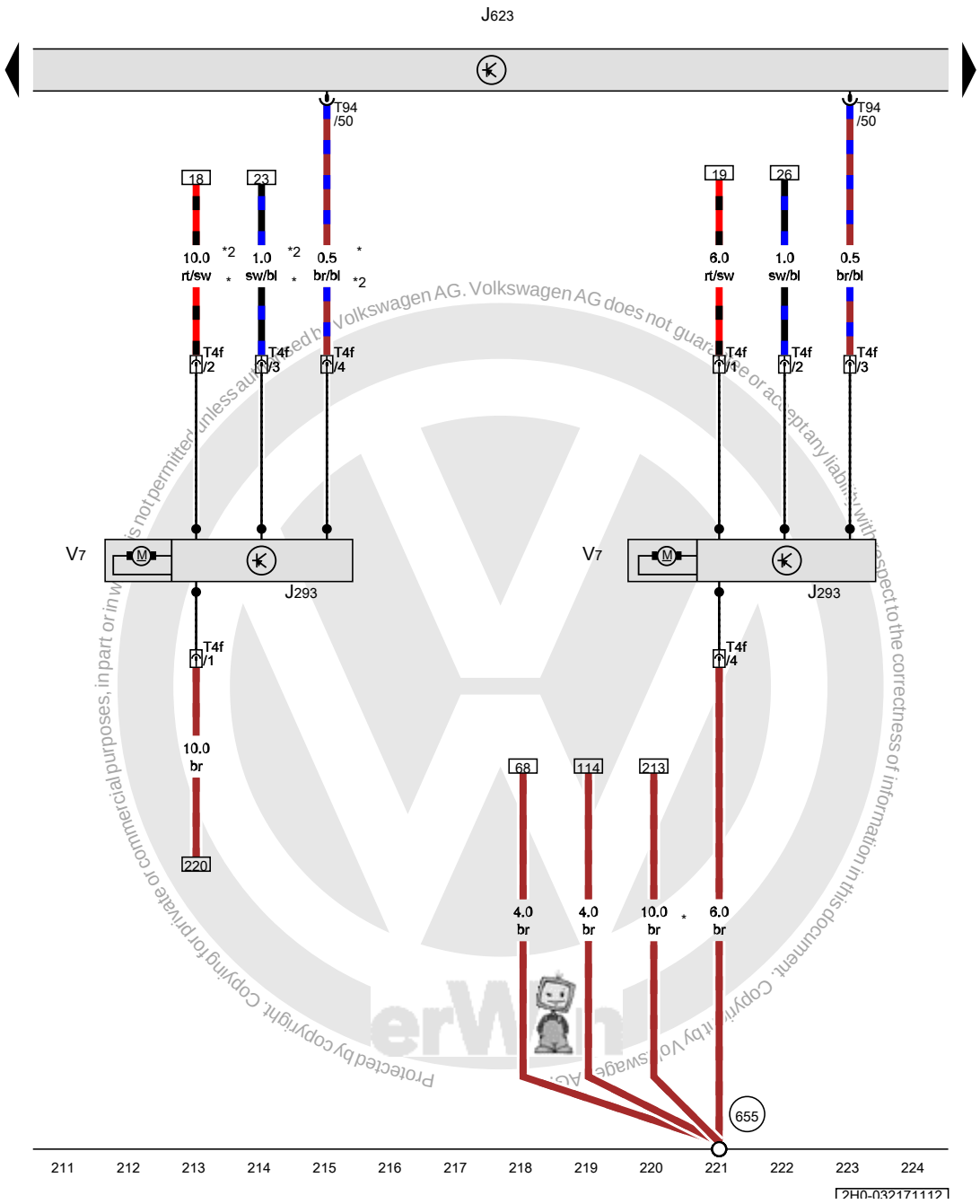

Radiator fan control unit, Engine control unit, Radiator fan

J293	Radiator fan control unit
J623	Engine control unit
T4f	4-pin connector, in rear right of engine compartment, black
T94	94-pin connector, black
V7	Radiator fan
655	Earth point, on left headlight
*	Only for countries with hot climate
*2	Only models with air conditioning system/ Climatronic

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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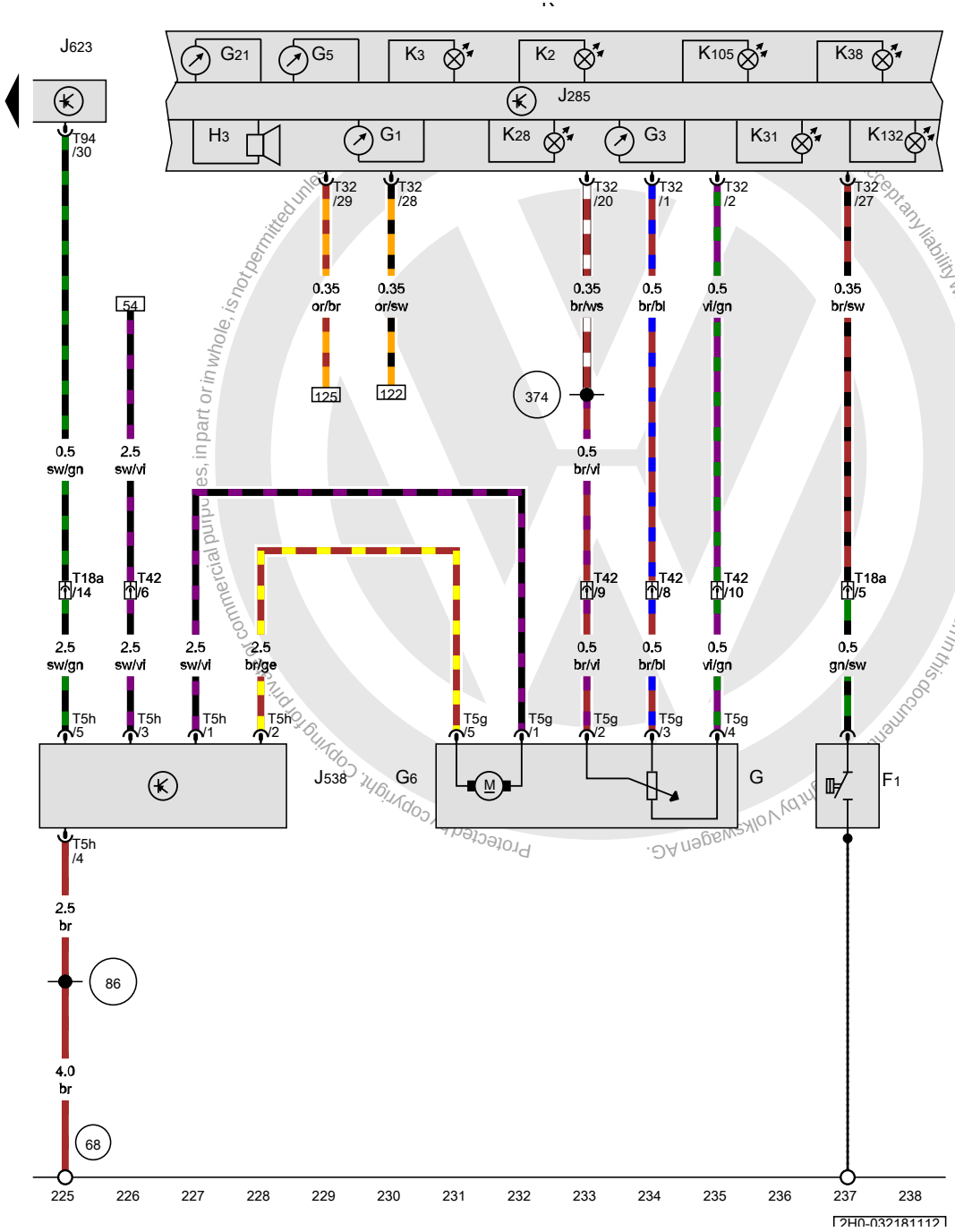

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Oil pressure switch, Fuel gauge sender, Fuel system pressurisation pump, Fuel pump control unit, Engine control unit, Dash panel insert

F1	Oil pressure switch
G	Fuel gauge sender, on fuel tank
G1	Fuel gauge
G3	Coolant temperature gauge
G5	Rev. counter
G6	Fuel system pressurisation pump
G21	Speedometer
H3	Buzzer and gong
J285	Control unit in dash panel insert
J538	Fuel pump control unit, on fuel tank
J623	Engine control unit
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K31	Cruise control system warning lamp
K38	Oil level warning lamp
K105	Reserve fuel warning lamp
K132	Electronic power control fault lamp
T5g	5-pin connector
T5h	5-pin connector, black
T18a	18-pin connector, near engine control unit, grey
T32	32-pin connector, blue
T42	42-pin connector, black
T94	94-pin connector, black
68	Earth point, on left of rear cross member
86	Earth connection 1, in rear wiring harness
374	Earth connection 9, in main wiring harness
*	Only for countries with hot climate

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Auxiliary coolant heater , CFPA

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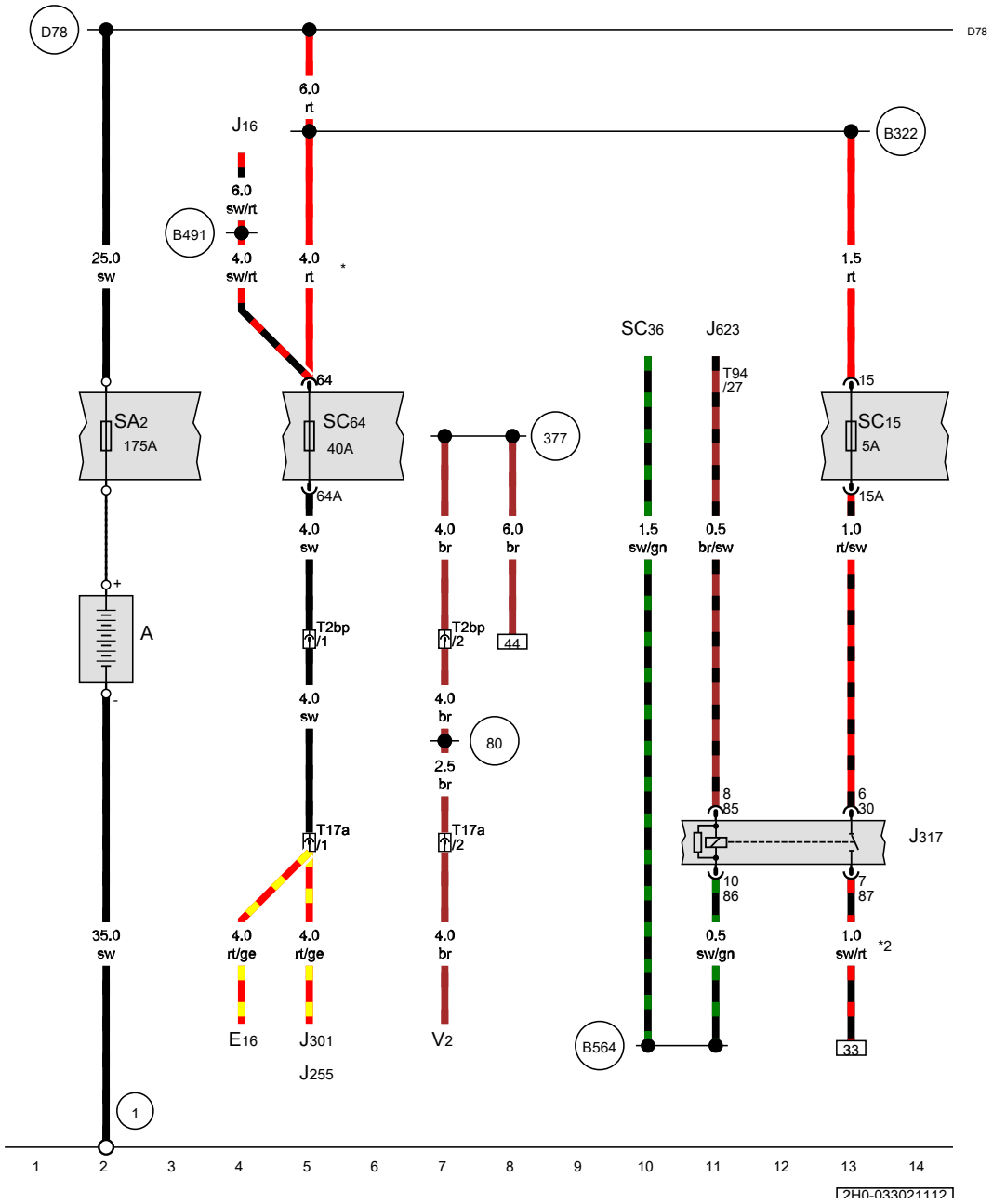

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Battery, Engine control unit, Fuse 2 in fuse holder A, Fuse 15 on fuse holder C, Fuse 36 on fuse holder C, Fresh air blower

A	Battery
E16	Heater/heat output switch
J16	Current supply relay
J255	Climatronic control unit
J301	Air conditioning system control unit
J317	Terminal 30 voltage supply relay
J623	Engine control unit
SA2	Fuse 2 in fuse holder A
SC15	Fuse 15 on fuse holder C
SC36	Fuse 36 on fuse holder C
SC64	Fuse 64 on fuse holder C
T2bp	2-pin connector, black
T17a	17-pin connector, behind glove compartment
T94	94-pin connector
V2	Fresh air blower
1	Earth strap, battery - body
80	Earth connection 1, in dash panel wiring harness
377	Earth connection 12, in main wiring harness
B322	Positive connection 8 (30a) in main wiring harness
B491	Positive connection (75), in interior wiring harness
B564	Connection 31, in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
*	Only models with Climatronic
*2	Only models with no Climatronic

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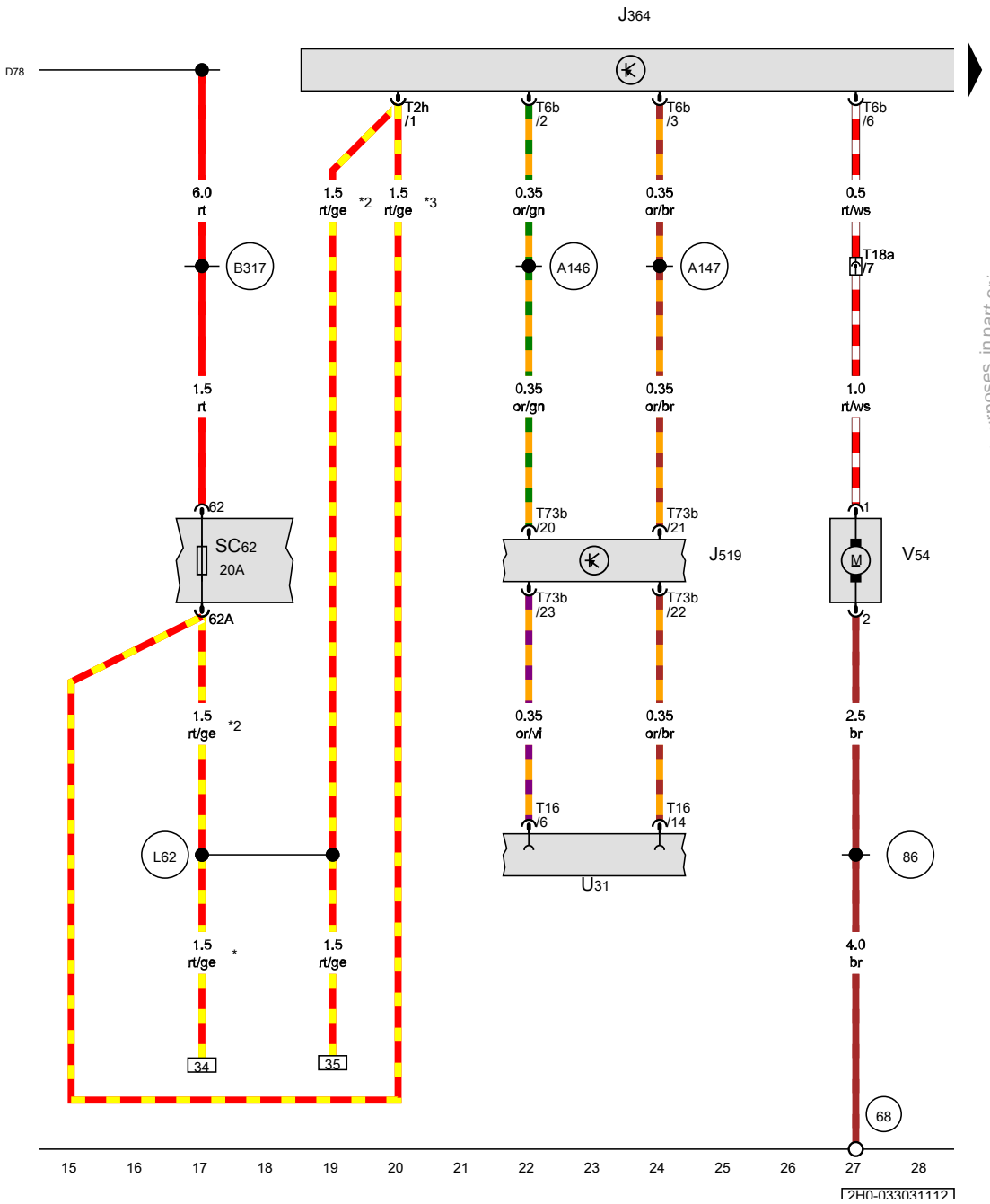

Auxiliary heater control unit, Onboard supply control unit, Fuse 62 on fuse holder C, Metering pump

J364	Auxiliary heater control unit
J519	Onboard supply control unit
SC62	Fuse 62 on fuse holder C
T2h	2-pin connector
T6b	6-pin connector
T16	16-pin connector
T18a	18-pin connector, near engine control unit
T73b	73-pin connector
U31	Diagnostic connection, near driver side A-pillar
V54	Metering pump
68	Earth point, on left of rear cross member
86	Earth connection 1, in rear wiring harness
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
B317	Positive connection 3 (30a) in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
L62	Positive connection (30a), in auxiliary heater wiring harness
*	Only models with Climatronic
*2	Only models with air conditioning system/ Climatronic
*3	Only models with no air conditioning system/Climatronic

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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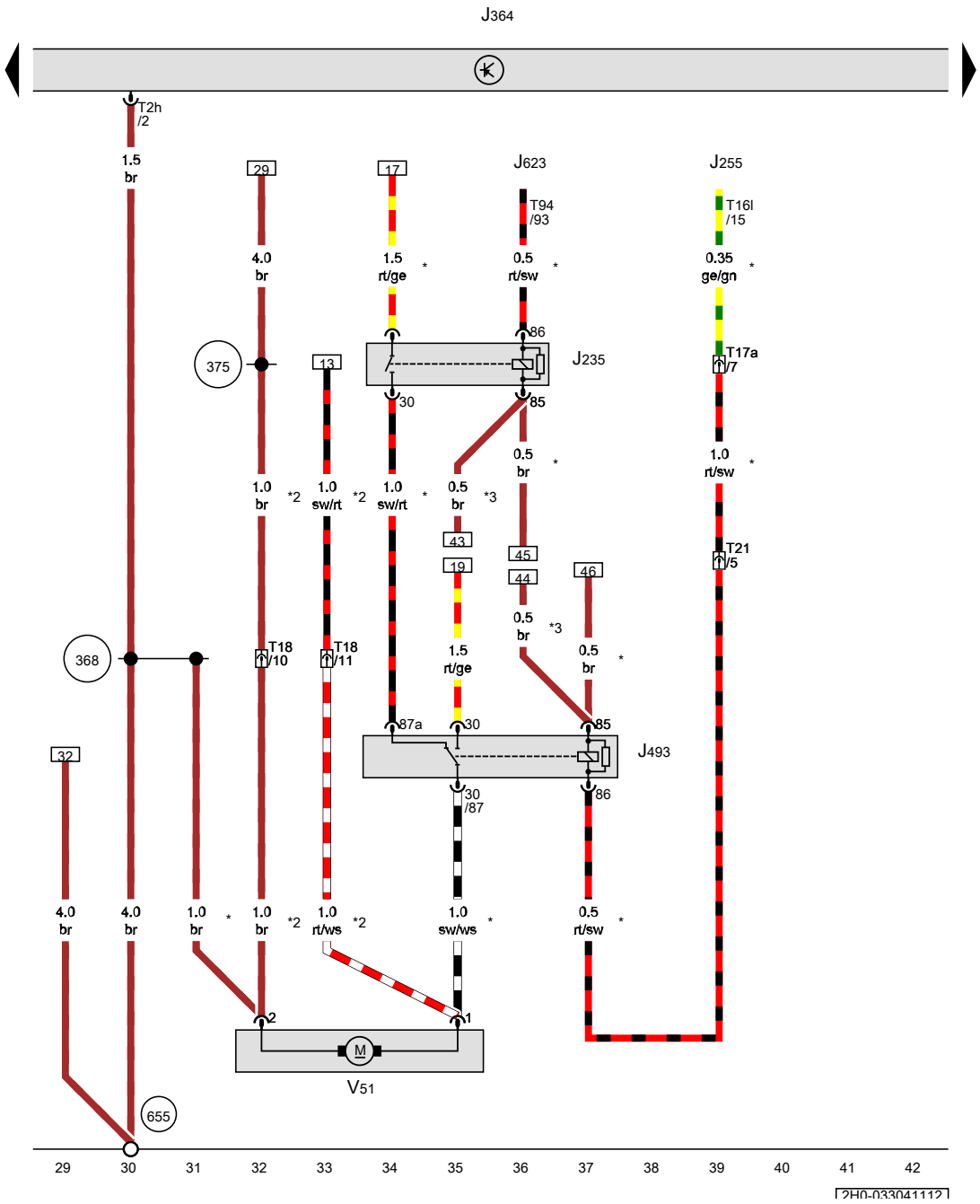

Auxiliary heater control unit, Continued coolant circulation pump

J235	Coolant pump relay
J255	Climatronic control unit
J364	Auxiliary heater control unit
J493	Auxiliary coolant heater relay
J623	Engine control unit
T2h	2-pin connector
T16l	16-pin connector
T17a	17-pin connector
T18	18-pin connector, near engine control unit
T21	21-pin connector, on relay carrier
T94	94-pin connector
V51	Continued coolant circulation pump
368	Earth connection 3, in main wiring harness
375	Earth connection 10, in main wiring harness
655	Earth point, on left headlight
*	Only models with Climatronic
*2	Only models with no Climatronic
*3	From November 2011

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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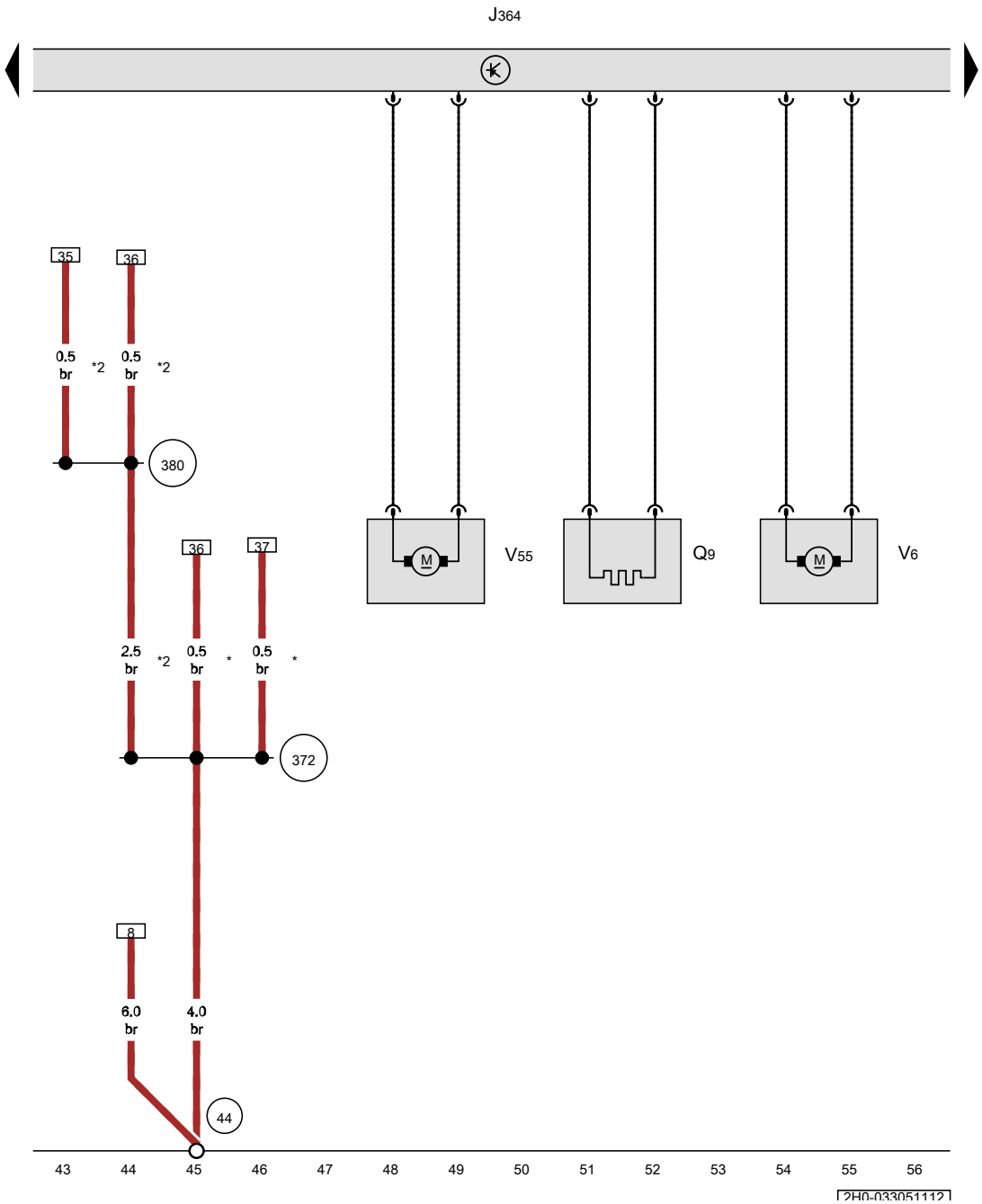

Auxiliary heater control unit, Glow plug for heater, Combustion air blower

J364	Auxiliary heater control unit
Q9	Glow plug for heater
V6	Combustion air blower
V55	Circulation pump
44	Earth point, lower part of left A-pillar
372	Earth connection 7, in main wiring harness
380	Earth connection 15, in main wiring harness
*	Only models with Climatronic
*2	From November 2011

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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or	=	orange
rs	=	pink

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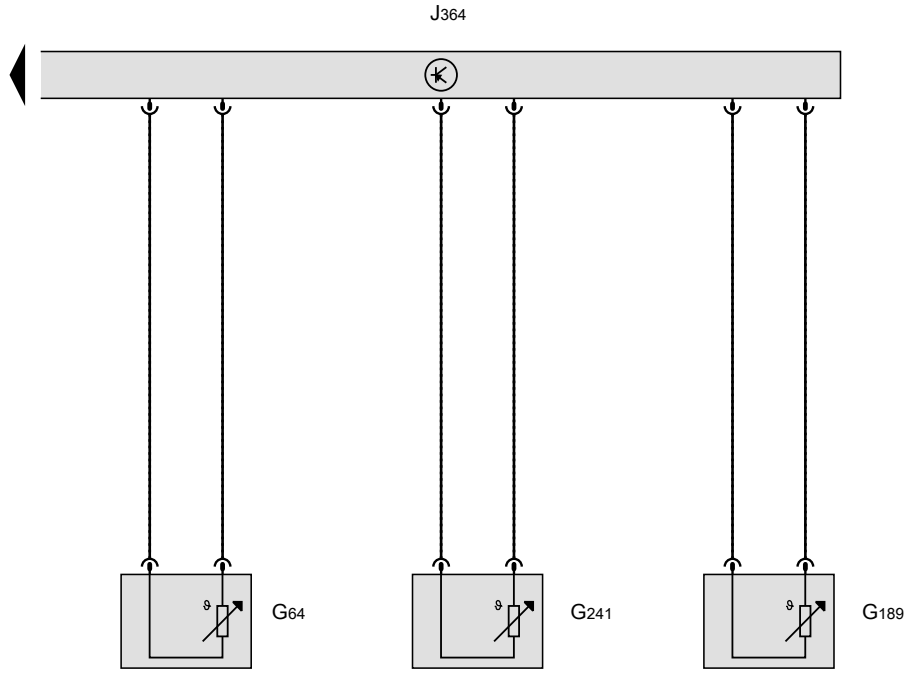
Flame monitor, Overheating sensor, Coolant temperature sender for heater, Auxiliary heater control unit

G64	Flame monitor
G189	Overheating sensor
G241	Coolant temperature sender for heater
J364	Auxiliary heater control unit



57 58 59 60 61 62 63 64 65 66 67 68 69 70

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sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
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Radio system , (8UA),(8AE),(8DD),(LOR)

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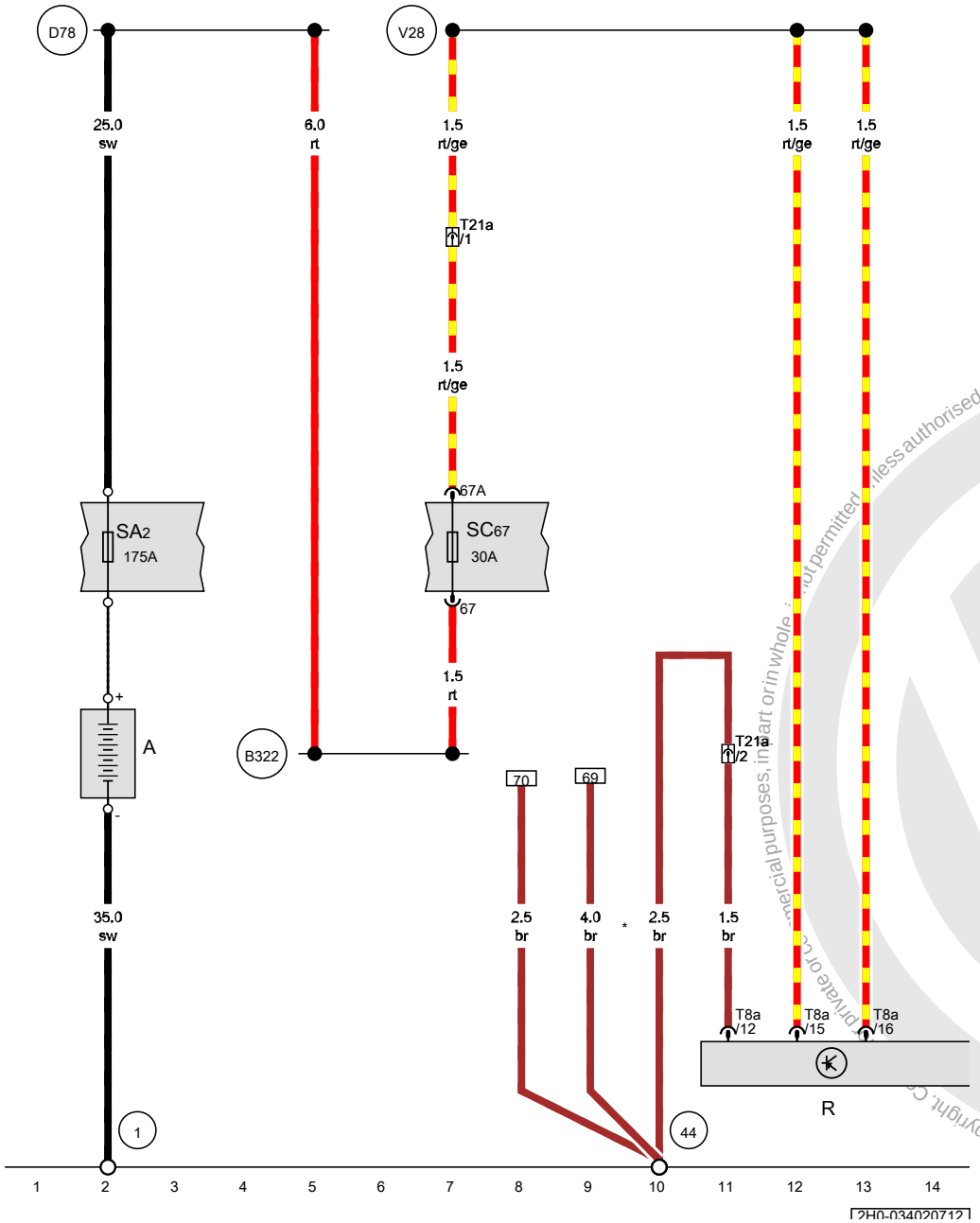
Radio, Fuse 67 on fuse holder C

A	Battery
R	Radio
SA2	Fuse 2 in fuse holder A
SC67	Fuse 67 on fuse holder C
T8a	8-pin connector
T21a	21-pin connector, on relay carrier, brown
1	Earth strap, battery - body
44	Earth point, lower part of left A-pillar
B322	Positive connection 8 (30a) in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
V28	Connection 1, in radio wiring harness
*	From November 2011



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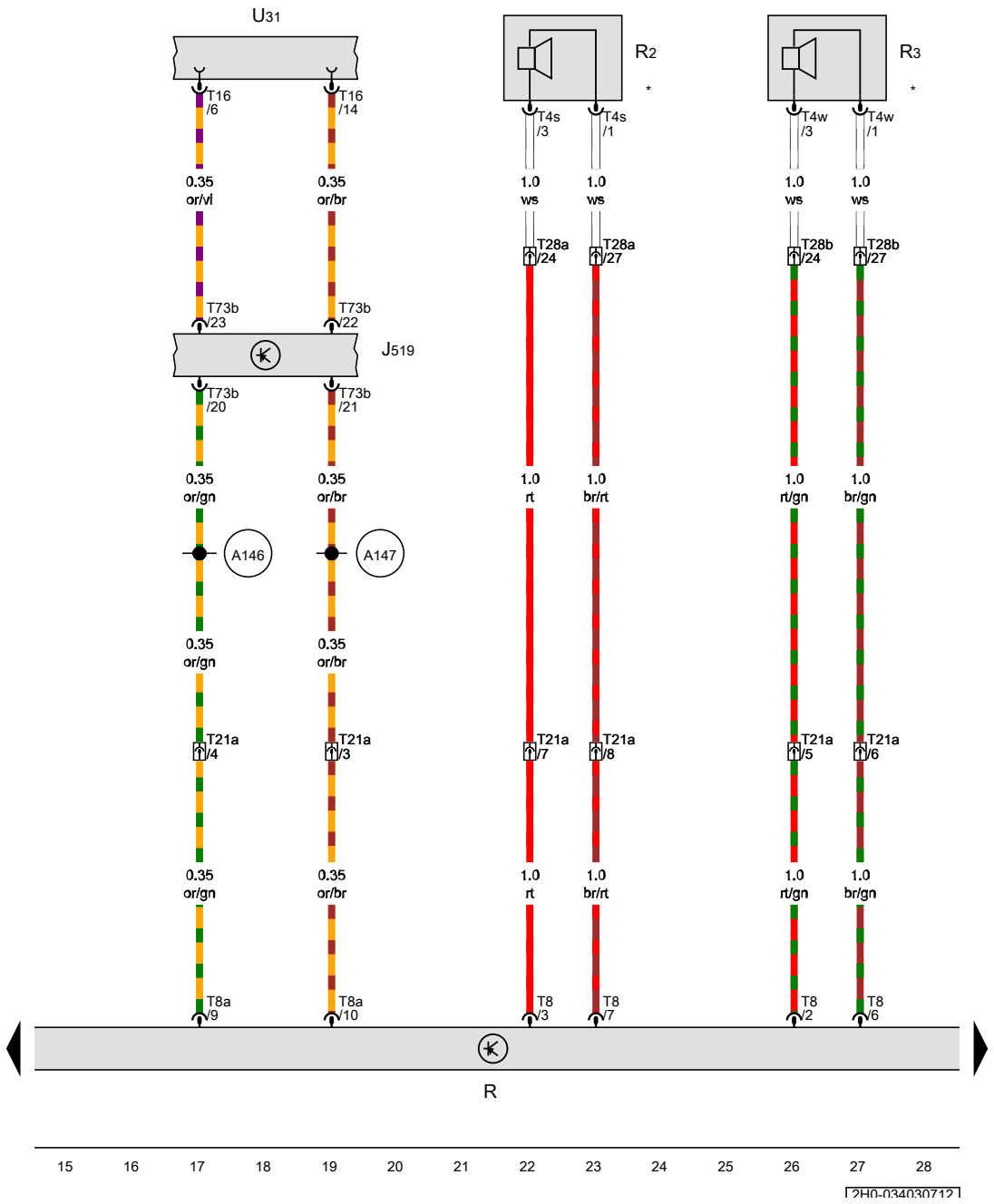

Radio, Front left loudspeaker, Front right loudspeaker, Diagnostic connection

J519	Onboard supply control unit
R	Radio
R2	Front left loudspeaker
R3	Front right loudspeaker
T4s	4-pin connector
T4w	4-pin connector
T8	8-pin connector
T8a	8-pin connector
T16	16-pin connector
T21a	21-pin connector, on relay carrier, brown
T28a	28-pin connector, on left A-pillar
T28b	28-pin connector, on right A-pillar
T73b	73-pin connector
U31	Diagnostic connection, near driver side A-pillar
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
*	Only models with 2 loudspeakers (8RD)

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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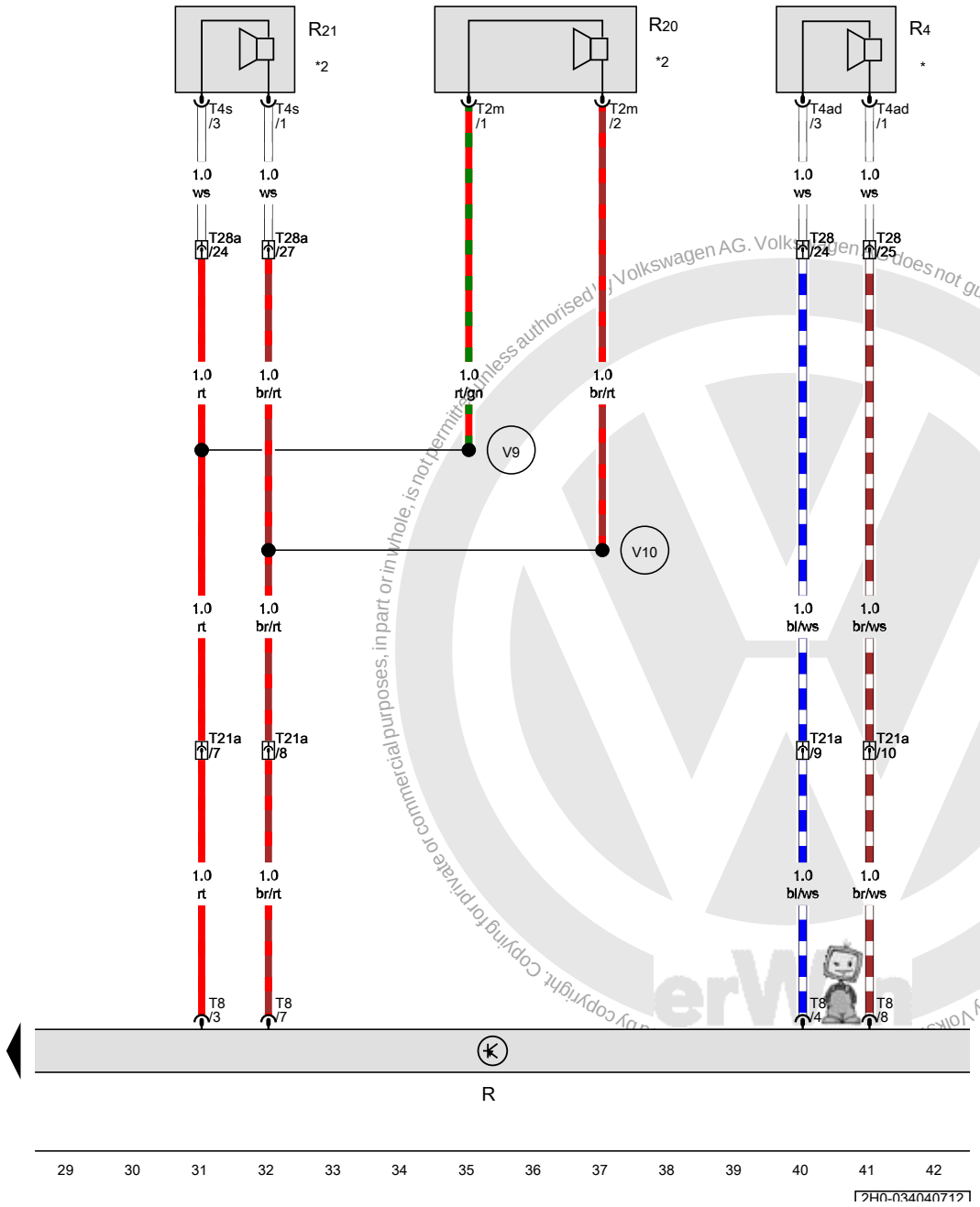
Radio, Rear left loudspeaker, Front left treble loudspeaker, Front left bass loudspeaker



R	Radio
R4	Rear left loudspeaker
R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
T2m	2-pin connector
T4ad	4-pin connector
T4s	4-pin connector
T8	8-pin connector
T21a	21-pin connector, on relay carrier, brown
T28	28-pin connector, on left B-pillar
T28a	28-pin connector, on left A-pillar
V9	Connection (positive, front right loudspeaker), in loudspeaker wiring harness
V10	Connection (negative, front right loudspeaker), in loudspeaker wiring harness
*	Only models with equipment (6-passive loudspeakers)
*2	Only models with 4 or 6 loudspeakers

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
bl	=	blue
gr	=	grey
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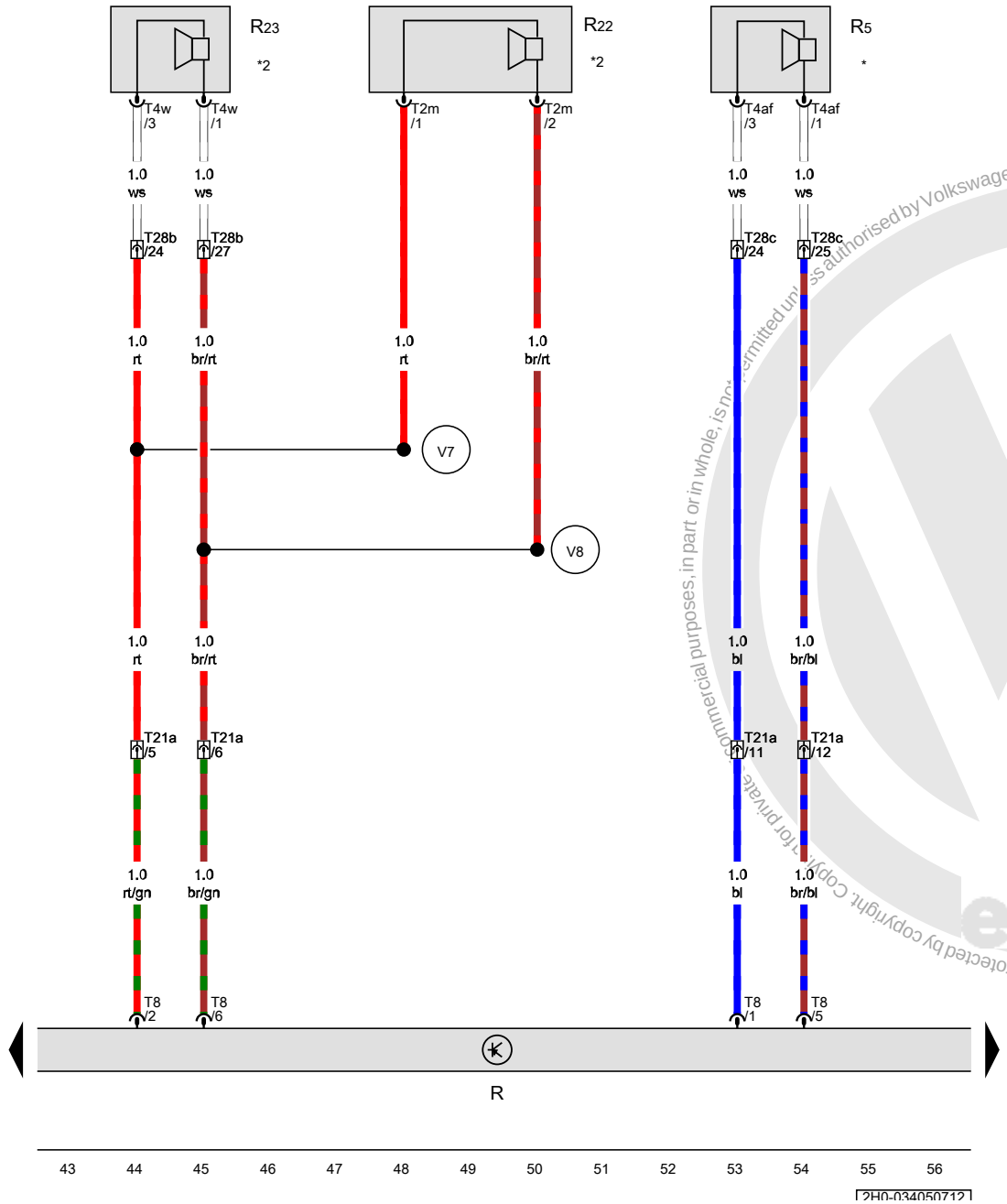

Radio, Rear right loudspeaker, Front right treble loudspeaker, Front right bass loudspeaker

R	Radio
R5	Rear right loudspeaker
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
T2m	2-pin connector
T4af	4-pin connector
T4w	4-pin connector
T8	8-pin connector
T21a	21-pin connector, on relay carrier, brown
T28b	28-pin connector, on right A-pillar
T28c	28-pin connector, on right B-pillar
V7	Connection (positive, front left loudspeaker), in loudspeaker wiring harness
V8	Connection (negative, front left loudspeaker), in loudspeaker wiring harness
*	Only models with equipment (6-passive loudspeakers)
*2	Only models with 4 or 6 loudspeakers

ws	=	white
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ro	=	red
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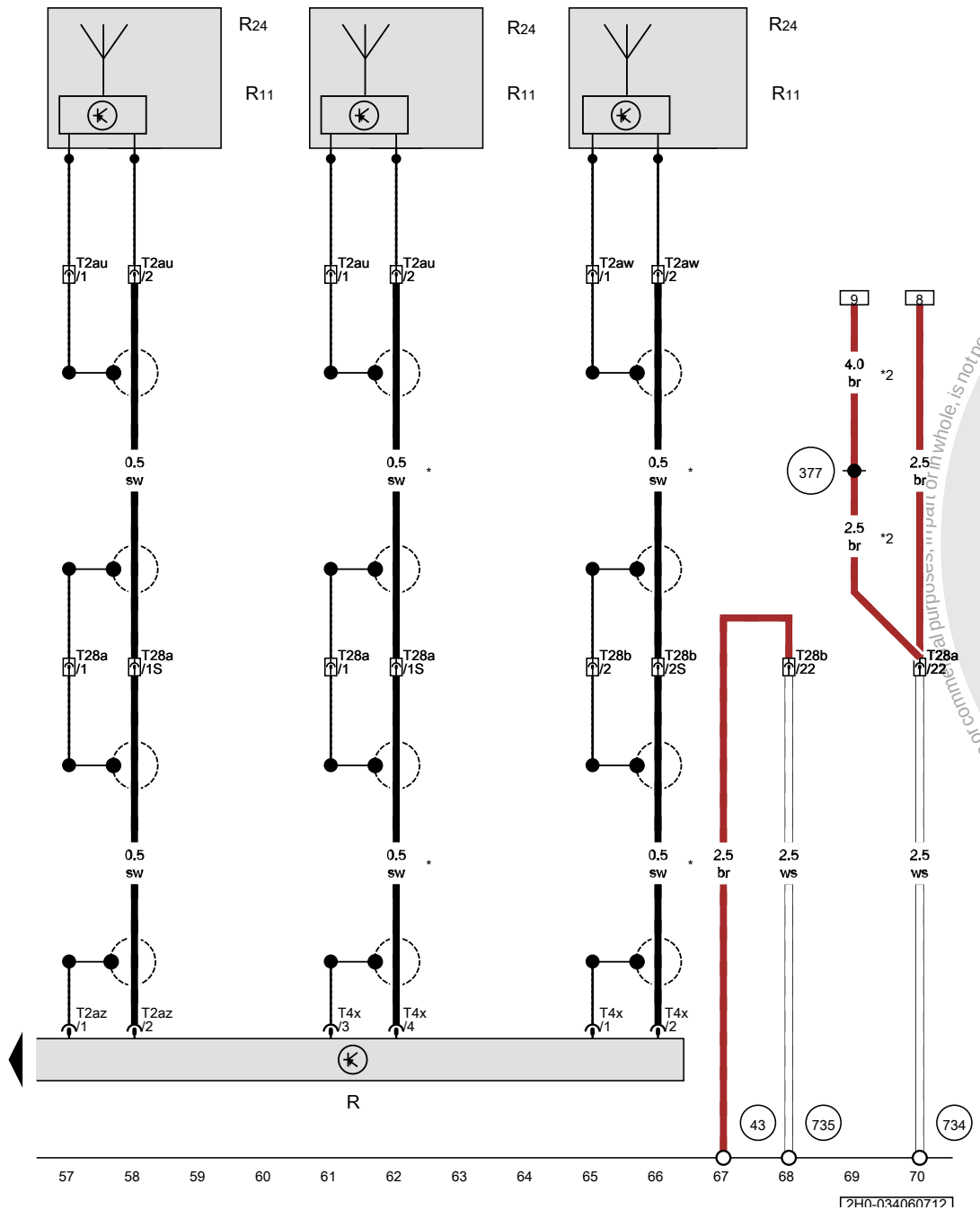

Radio, Aerial, Aerial amplifier

R	Radio
R11	Aerial
R24	Aerial amplifier
T2au	2-pin connector, in left door, near exterior mirror
T2aw	2-pin connector, in right door, near exterior mirror
T2az	2-pin connector
T4x	4-pin connector
T28a	28-pin connector, on left A-pillar
T28b	28-pin connector, on right A-pillar
43	Earth point, lower part of right A-pillar
377	Earth connection 12, in main wiring harness
734	Earth point in front left door
735	Earth point in front right door
*	Only models with radio RCD 310/RCD 510
*2	From November 2011

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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Hardtop

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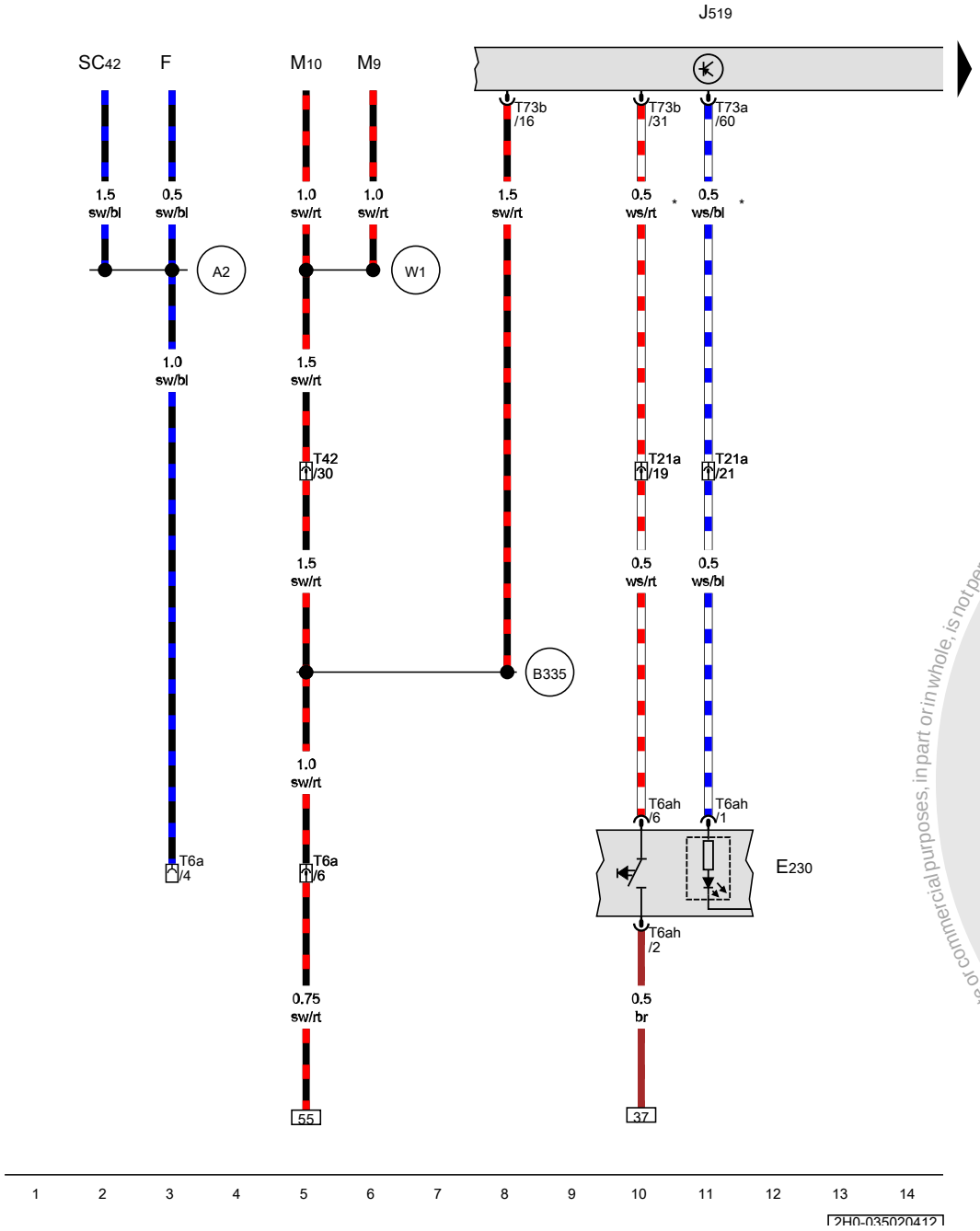

Heated rear window button, Brake light switch, Onboard supply control unit, Fuse 42 on fuse holder C

E230	Heated rear window button
F	Brake light switch
J519	Onboard supply control unit
M9	Left brake light bulb
M10	Right brake light bulb
SC42	Fuse 42 on fuse holder C
T6a	6-pin connector, on rear roof module, black
T6ah	6-pin connector
T21a	21-pin connector, on relay carrier, brown
T42	42-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, colourless
A2	Positive connection (15), in dash panel wiring harness
B335	Connection 1 (54), in main wiring harness
W1	Positive connection 1 (54), in rear wiring harness
*	see applicable current flow diagram for basic equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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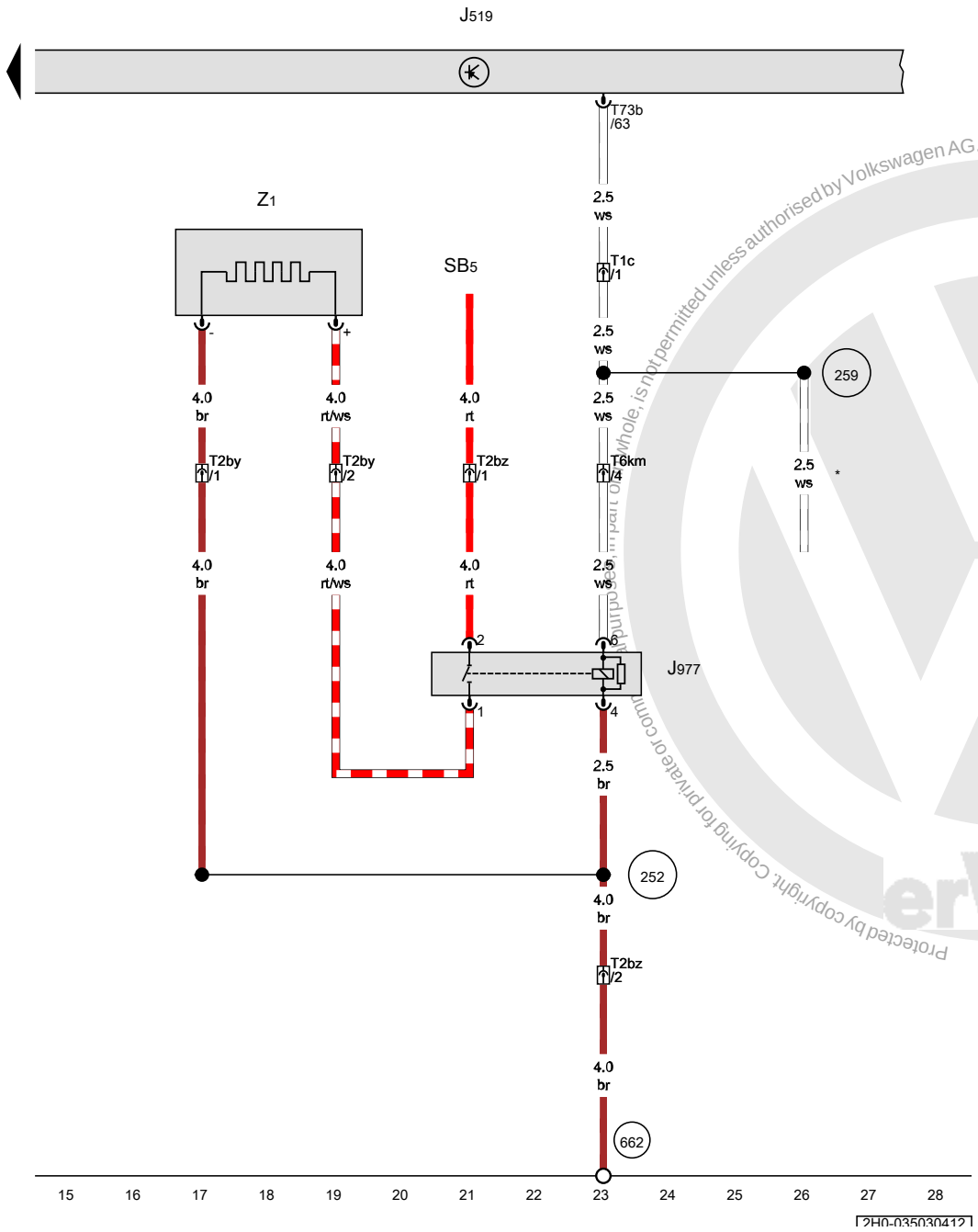

Onboard supply control unit, Terminal 30 relay, Fuse 5 on fuse holder B, Heated rear window

J519	Onboard supply control unit
J977	Terminal 30 relay, near rear lid, behind moulded headliner
SB5	Fuse 5 on fuse holder B
T1c	Single connector, near left C-pillar
T2by	2-pin connector, Coupling point for rear lid, black
T2bz	2-pin connector, in rear left side panel, black
T6km	6-pin connector, near rear lid, behind moulded headliner, black
T73b	73-pin connector, colourless
Z1	Heated rear window
252	Earth connection, in optional equipment wiring harness
259	Earth connection 2, in optional equipment wiring harness
662	Earth point, rear left side panel
*	Wiring open end

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
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gr	=	grey
li	=	purple
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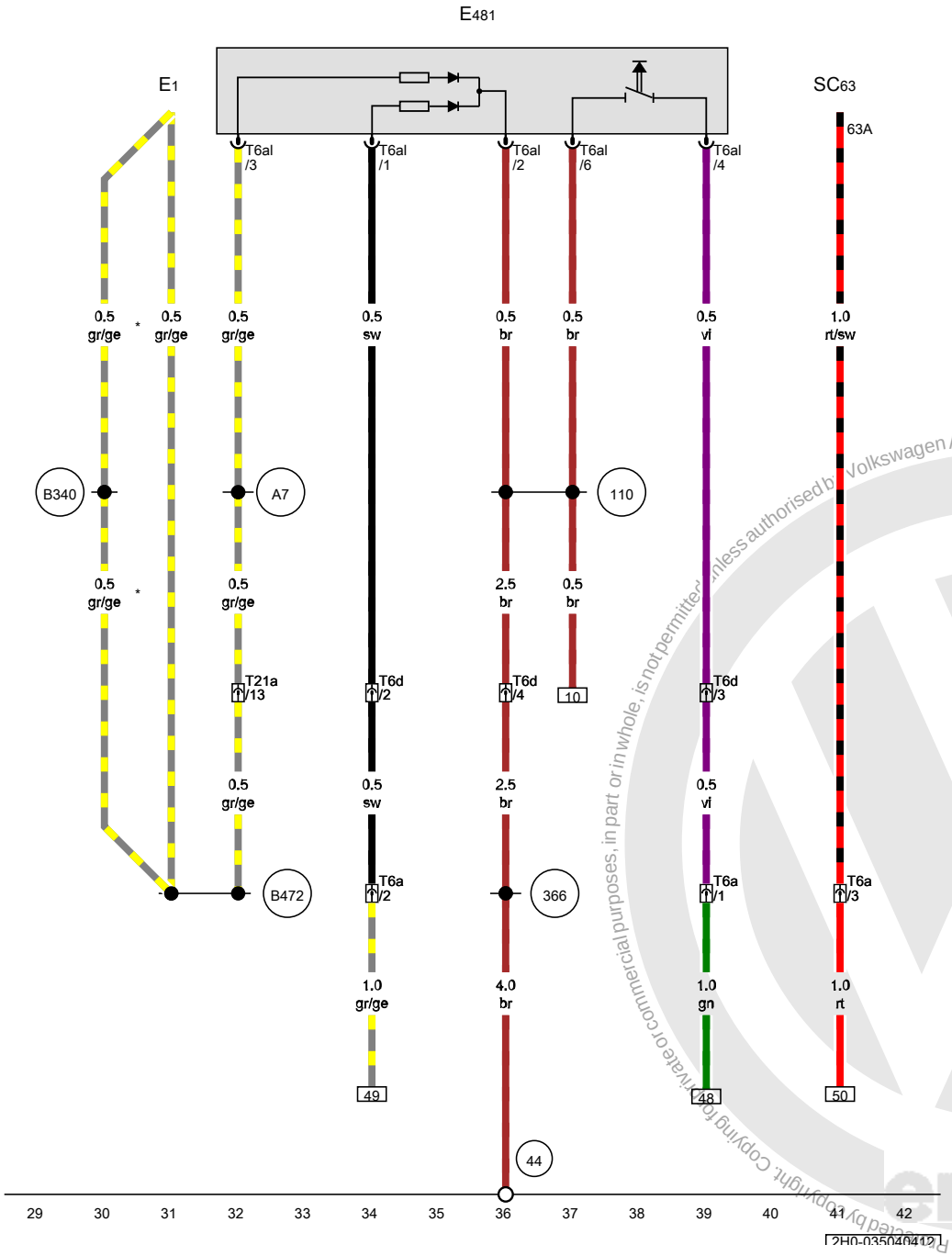

Load area illumination switch, Fuse 63 on fuse holder C

E1	Light switch
E481	Load area illumination switch, near radio
SC63	Fuse 63 on fuse holder C
T6a	6-pin connector, on rear roof module, black
T6al	6-pin connector, blue
T6d	6-pin connector, on relay carrier, grey
T21a	21-pin connector, on relay carrier, brown
44	Earth point, lower part of left A-pillar
110	Earth connection 2, in dash panel wiring harness
366	Earth connection 1, in main wiring harness
A7	Positive connection (58 D1), in dash panel wiring harness
B340	Connection 1 (58d), in main wiring harness
B472	Connection 8, in main wiring harness
*	From November 2011

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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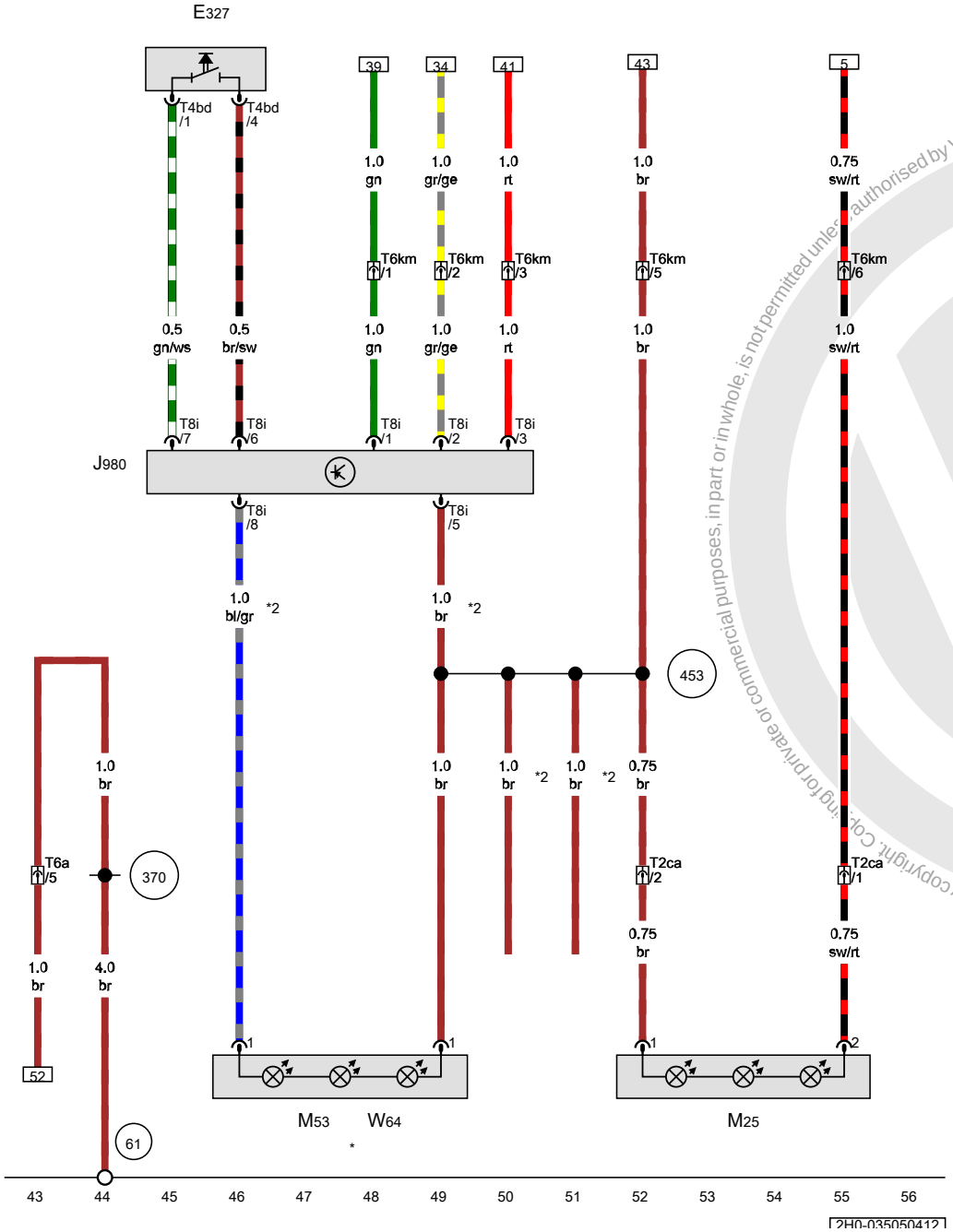

Rear interior light button, Control unit for special installations, Additional brake light bulb, Load area illumination bulb

E327	Rear interior light button, in left D-pillar
J980	Control unit for special installations
M25	Additional brake light bulb
M53	Load area illumination bulb
T2ca	2-pin connector, Coupling point for rear lid, black
T4bd	4-pin connector, black
T6a	6-pin connector, on rear roof module, black
T6km	6-pin connector, near rear lid, behind moulded headliner, black
T8i	8-pin connector, near rear lid, behind moulded headliner
W64	Interior light
61	Earth point, left C-pillar
370	Earth connection 5, in main wiring harness
453	Earth connection 3, in optional equipment wiring harness
*	If fitted
*2	Wiring open end

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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or	=	orange
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Exterior lighting , (7L6)

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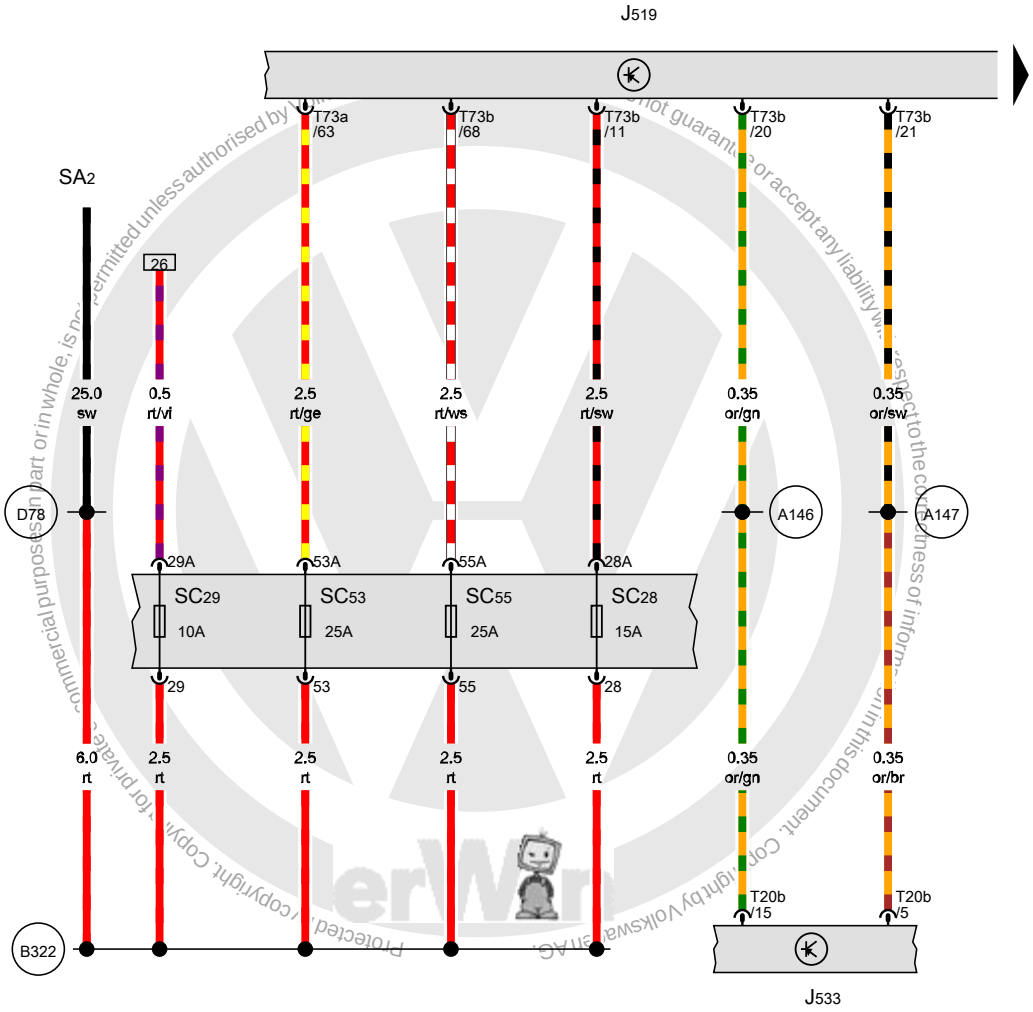

Onboard supply control unit, Data bus diagnostic interface

J519	Onboard supply control unit
J533	Data bus diagnostic interface
SA2	Fuse 2 in fuse holder A
SC28	Fuse 28 on fuse holder C
SC29	Fuse 29 on fuse holder C
SC53	Fuse 53 on fuse holder C
SC55	Fuse 55 on fuse holder C
T20b	20-pin connector
T73a	73-pin connector, black
T73b	73-pin connector
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
B322	Positive connection 8 (30a) in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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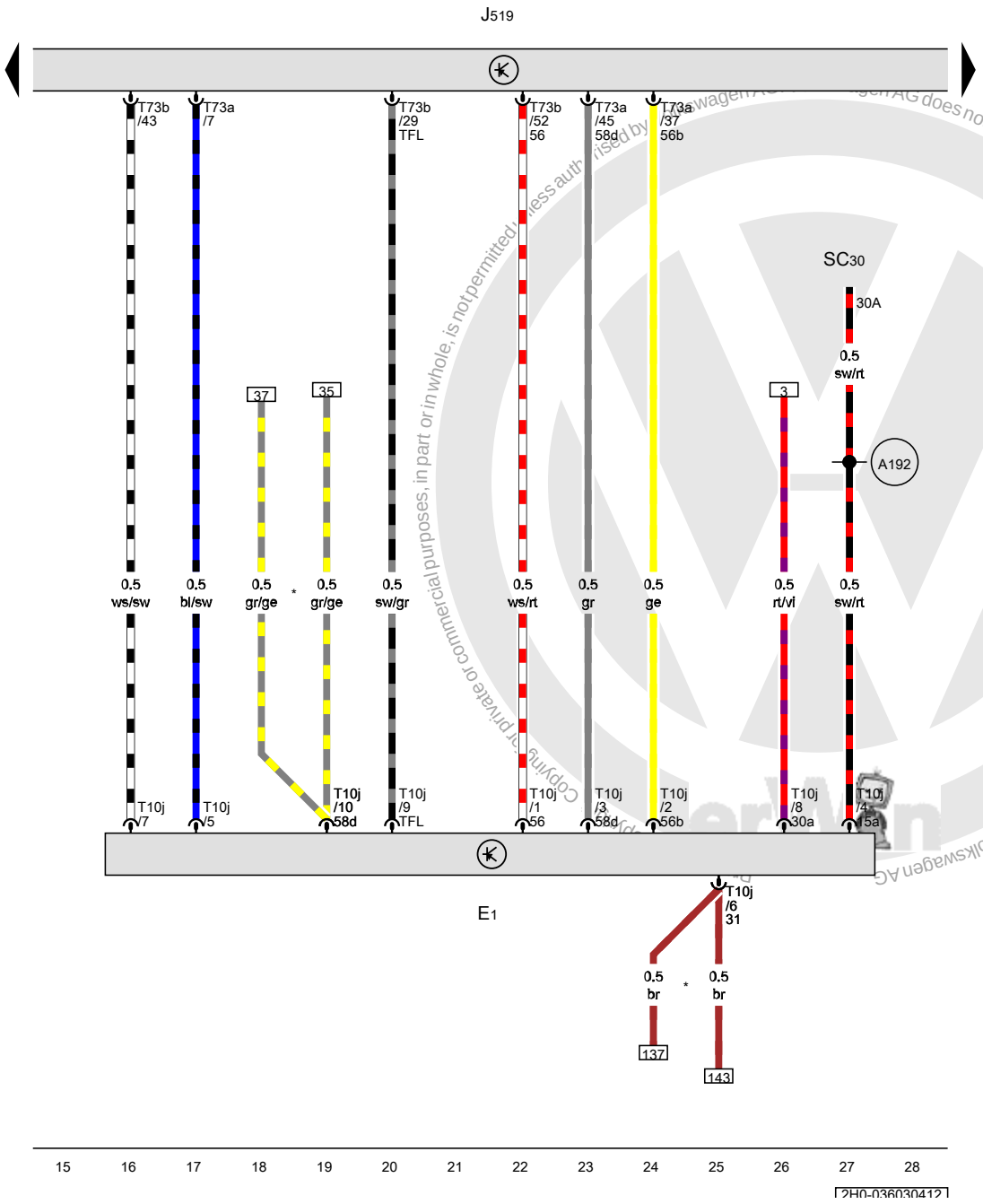

Light switch, Onboard supply control unit

E1	Light switch
J519	Onboard supply control unit
SC30	Fuse 30 on fuse holder C
T10j	10-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector
A192	Positive connection 3 (15a) in dash panel wiring harness
*	From November 2011

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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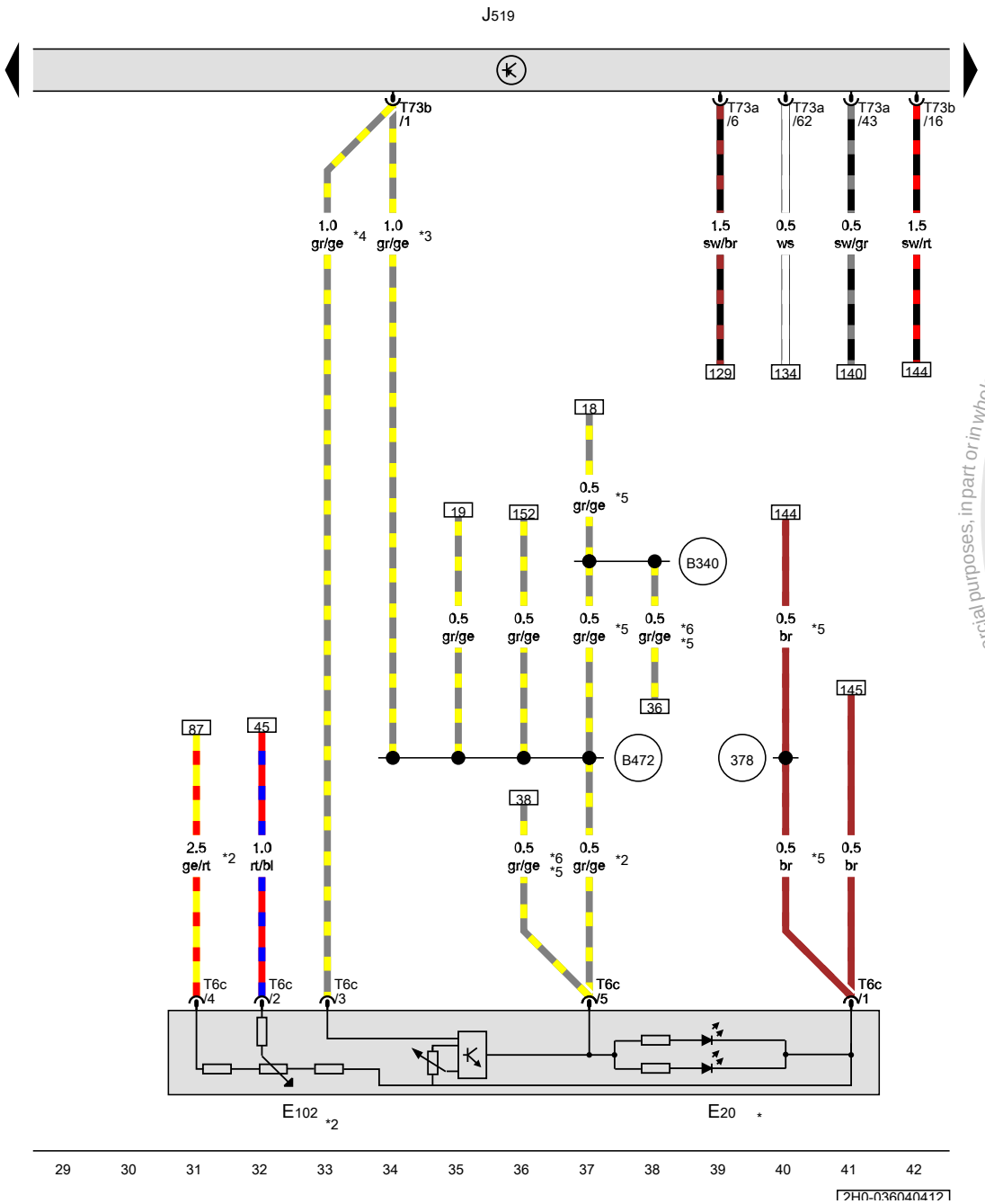

Switch and instrument illumination regulator, Headlight range control regulator, Onboard supply control unit

E20	Switch and instrument illumination regulator
E102	Headlight range control regulator
J519	Onboard supply control unit
T6c	6-pin connector
T73a	73-pin connector, black
T73b	73-pin connector
378	Earth connection 13, in main wiring harness
B340	Connection 1 (58d), in main wiring harness
B472	Connection 8, in main wiring harness
*	Only models with dimmable instrument illumination
*2	Only models with headlight range control
*3	Only models with Trendline equipment
*4	Only models with Highline equipment
*5	From November 2011
*6	Only models with basic equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
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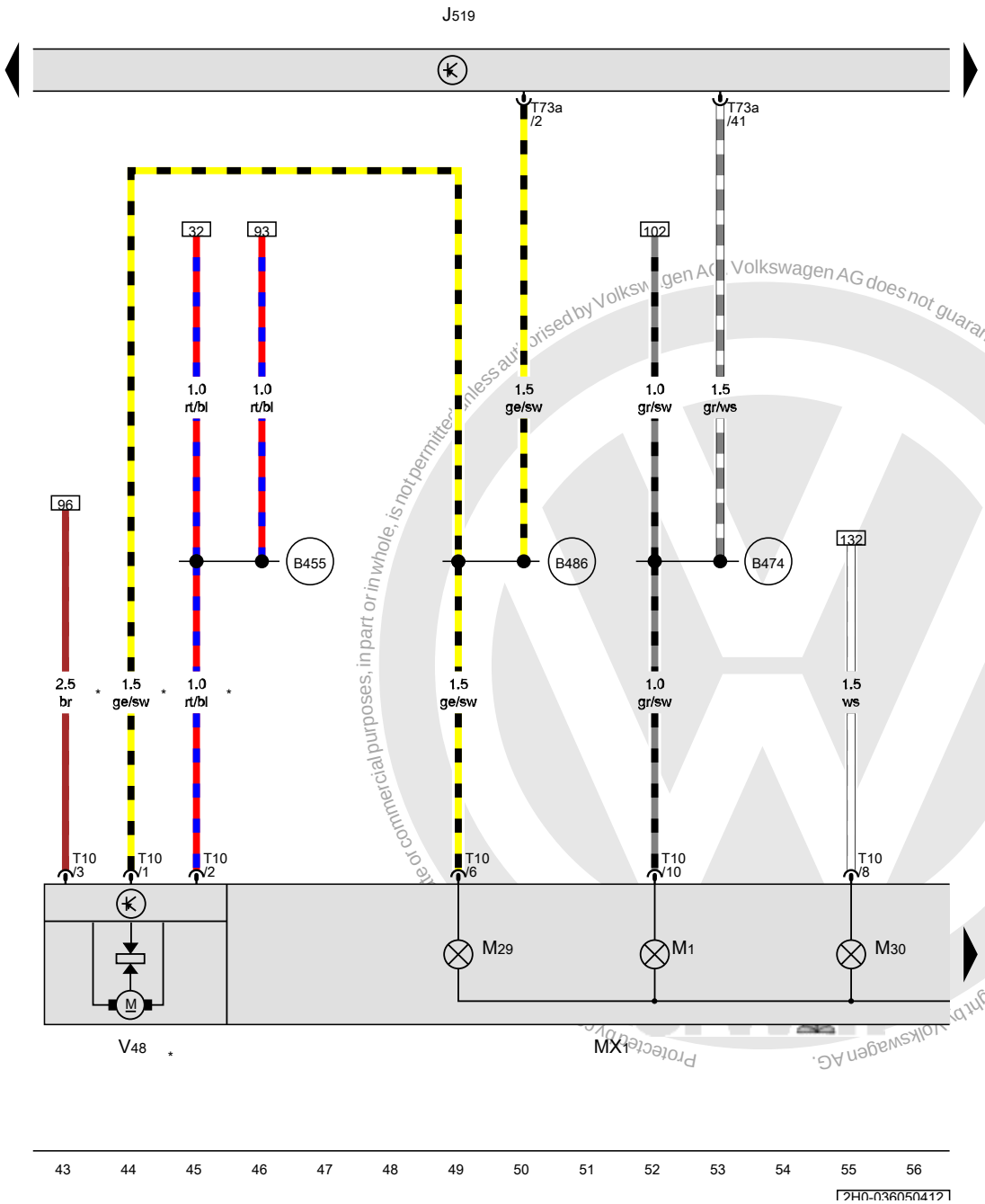

Onboard supply control unit, Front left headlight

J519	Onboard supply control unit
MX1	Front left headlight
M1	Left side light bulb
M29	Left headlight dipped beam bulb
M30	Left headlight main beam bulb
T10	10-pin connector
T73a	73-pin connector, black
V48	Left headlight range control motor
B455	Connection (HRC), in main wiring harness
B474	Connection 10, in main wiring harness
B486	Connection 22, in main wiring harness
*	Only models with headlight range control

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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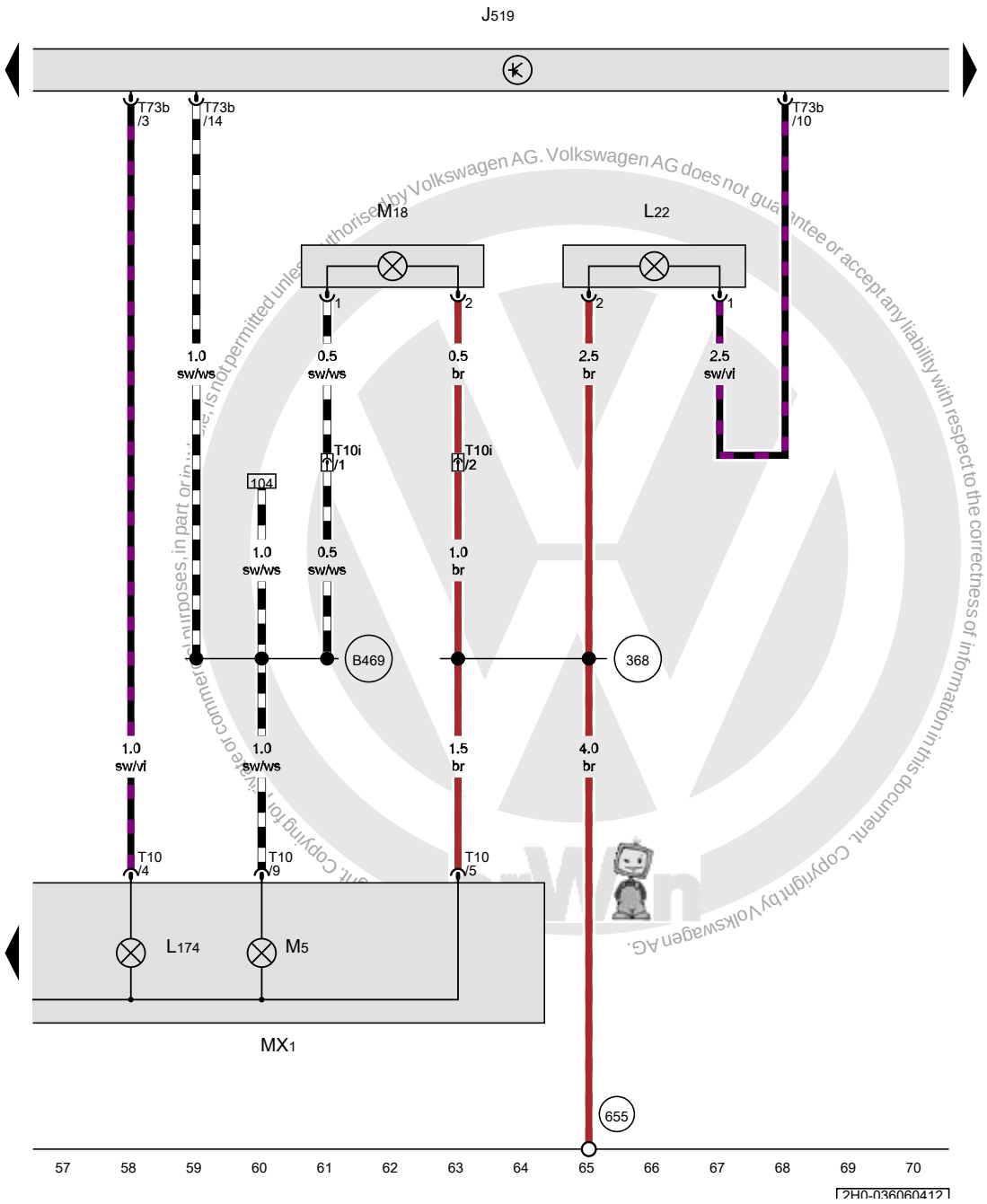

Onboard supply control unit, Left fog light bulb, Front left headlight, Left turn signal repeater bulb

J519	Onboard supply control unit
L22	Left fog light bulb
L174	Left daytime running light bulb
MX1	Front left headlight
M5	Front left turn signal bulb
M18	Left turn signal repeater bulb
T10	10-pin connector, black
T10i	10-pin connector, black
T73b	73-pin connector
368	Earth connection 3, in main wiring harness
655	Earth point, on left headlight, on left on bulkhead
B469	Connection 5, in main wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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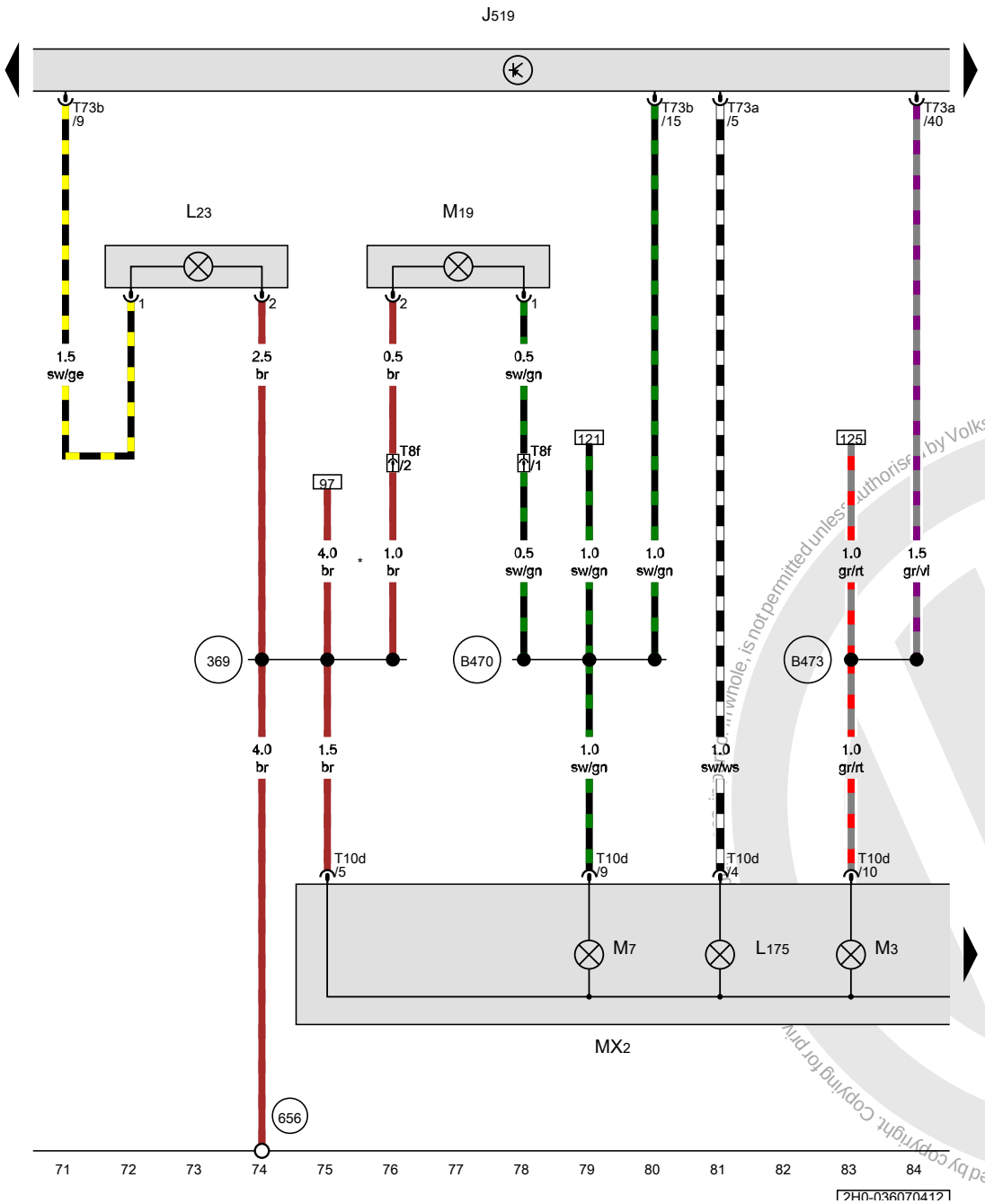
Onboard supply control unit, Right fog light bulb, Front right headlight, Right turn signal repeater bulb



J519	Onboard supply control unit
L23	Right fog light bulb
L175	Right daytime running light bulb
MX2	Front right headlight
M3	Right side light bulb
M7	Front right turn signal bulb
M19	Right turn signal repeater bulb
T8f	8-pin connector, in rear right of engine compartment, black
T10d	10-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector
369	Earth connection 4, in main wiring harness
656	Earth point, on right headlight, on right on bulkhead
B470	Connection 6, in main wiring harness
B473	Connection 9, in main wiring harness
*	Only models with headlight range control

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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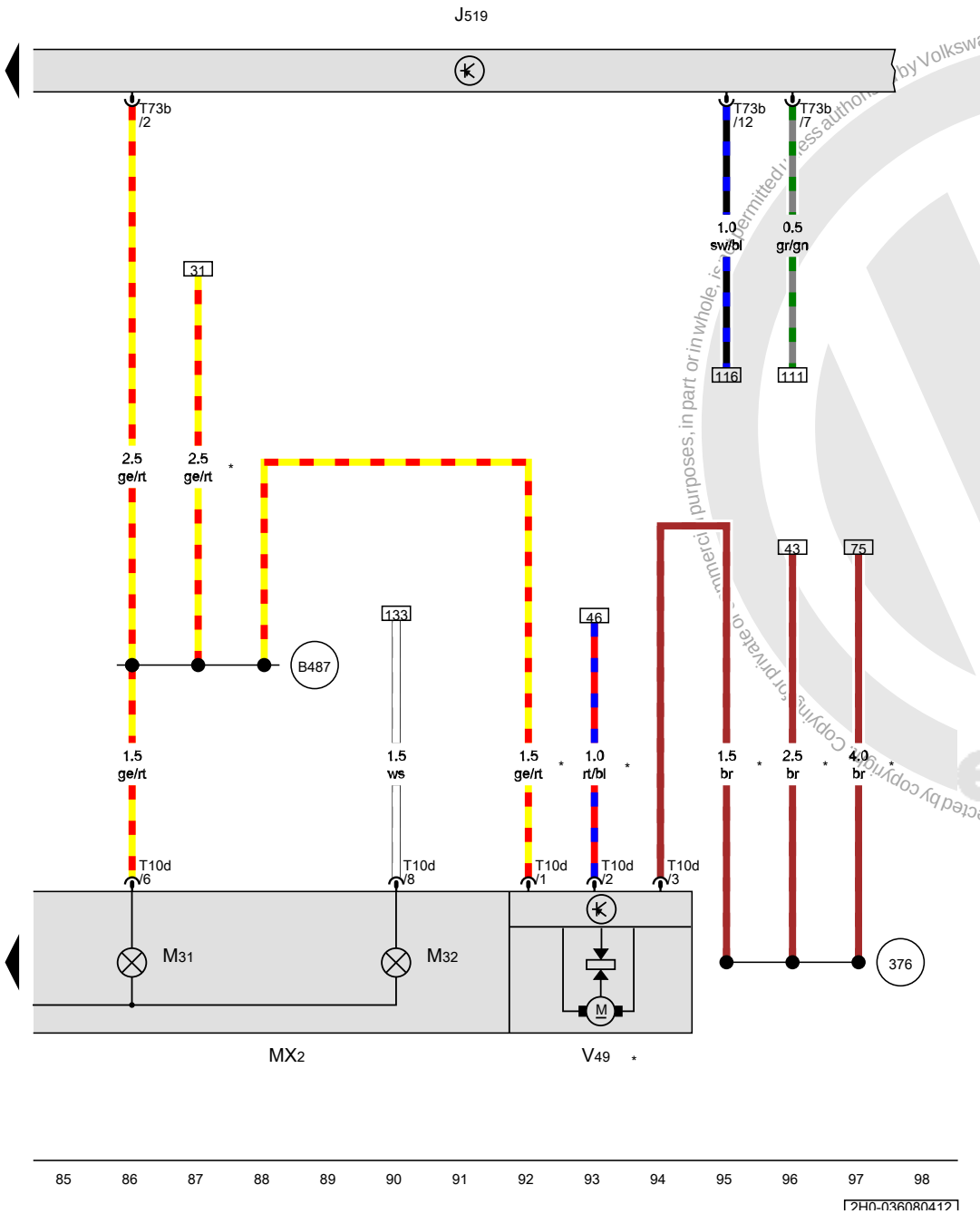

Onboard supply control unit, Front right headlight

J519	Onboard supply control unit
MX2	Front right headlight
M31	Right headlight dipped beam bulb
M32	Right headlight main beam bulb
T10d	10-pin connector, black
T73b	73-pin connector
V49	Right headlight range control motor
376	Earth connection 11, in main wiring harness
B487	Connection 23, in main wiring harness
*	Only models with headlight range control

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
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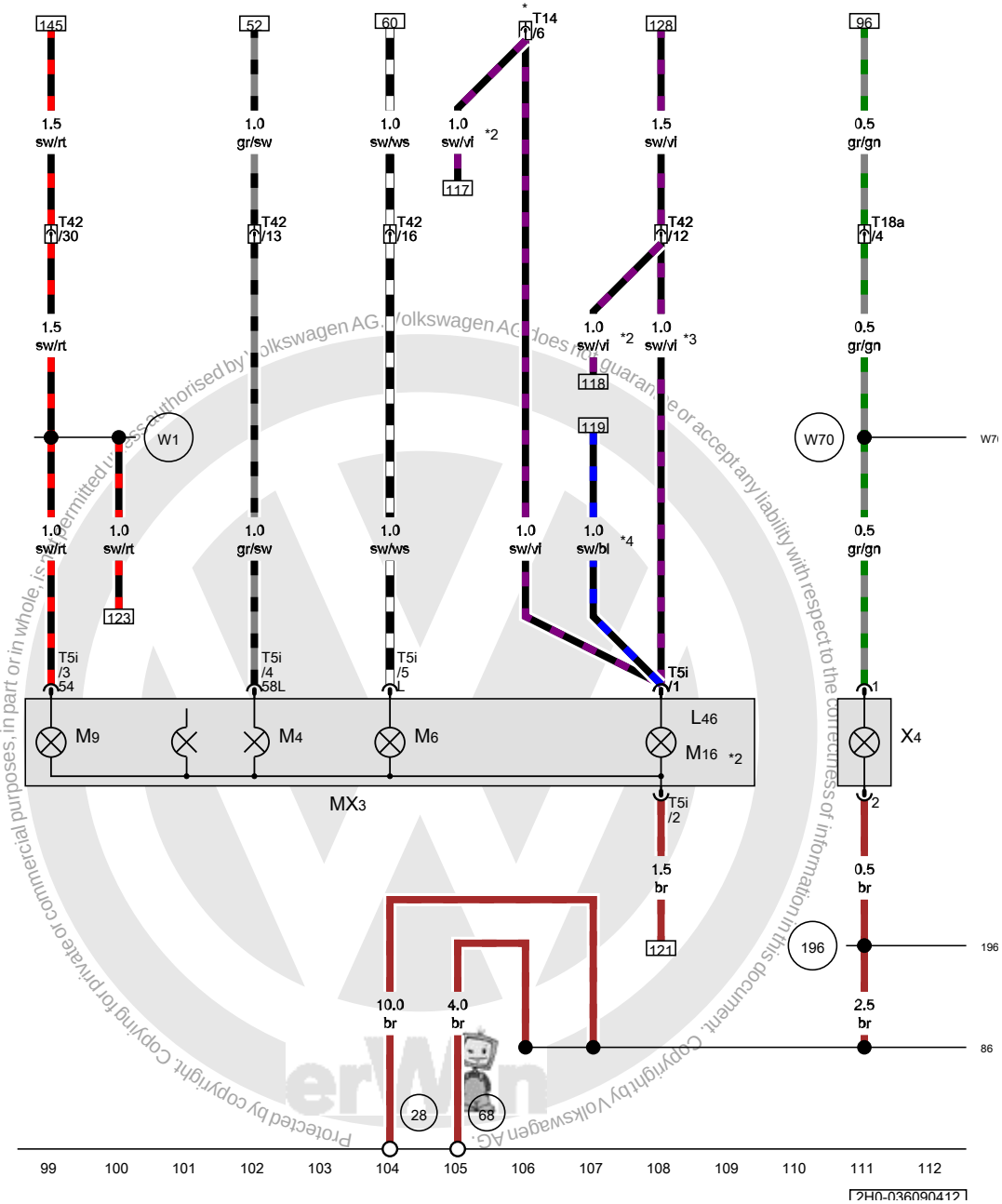

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Left tail light, Left number plate light

L46	Rear left fog light bulb
MX3	Left tail light
M4	Left tail light bulb
M6	Rear left turn signal bulb
M9	Left brake light bulb
M16	Left reversing light bulb
T5i	5-pin connector
T14	14-pin connector, behind rear bumper on left
T18a	18-pin connector, near engine control unit, grey
T42	42-pin connector, near handbrake lever, black
X4	Left number plate light
28	Earth point, on bulkhead
68	Earth point, on left of rear cross member
86	Earth connection 1, in rear wiring harness
196	Earth connection 3, in rear wiring harness
W1	Positive connection 1 (54), in rear wiring harness
W70	Positive connection 2 (58), in number plate wiring harness
*	see applicable current flow diagram for preparation for trailer coupling
*2	Only right-hand drive models
*3	Only models with no towing bracket
*4	Only models with no rear fog light

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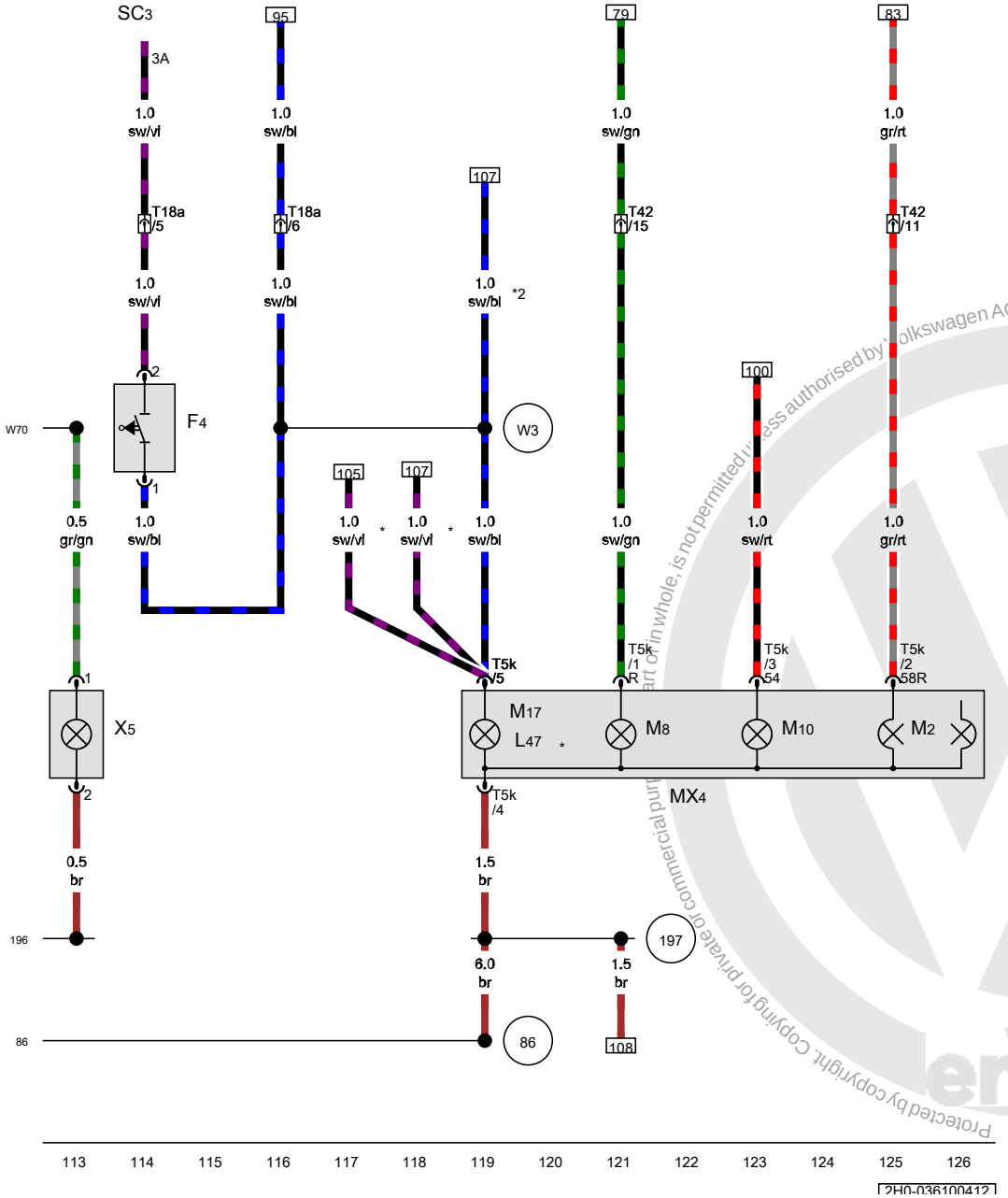
Reversing light switch, Right tail light, Right number plate light



F4	Reversing light switch
L47	Rear right fog light bulb
M2	Right tail light bulb
MX4	Right tail light
M8	Rear right turn signal bulb
M10	Right brake light bulb
M17	Right reversing light bulb
SC3	Fuse 3 on fuse holder C
T5k	5-pin connector
T18a	18-pin connector, near engine control unit, grey
T42	42-pin connector, near handbrake lever, black
X5	Right number plate light
86	Earth connection 1, in rear wiring harness
196	Earth connection 3, in rear wiring harness
197	Earth connection 4, in rear wiring harness
W3	Connection in rear wiring harness
W70	Positive connection 2 (58), in number plate wiring harness
*	Only right-hand drive models
*2	Only models with no rear fog light

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
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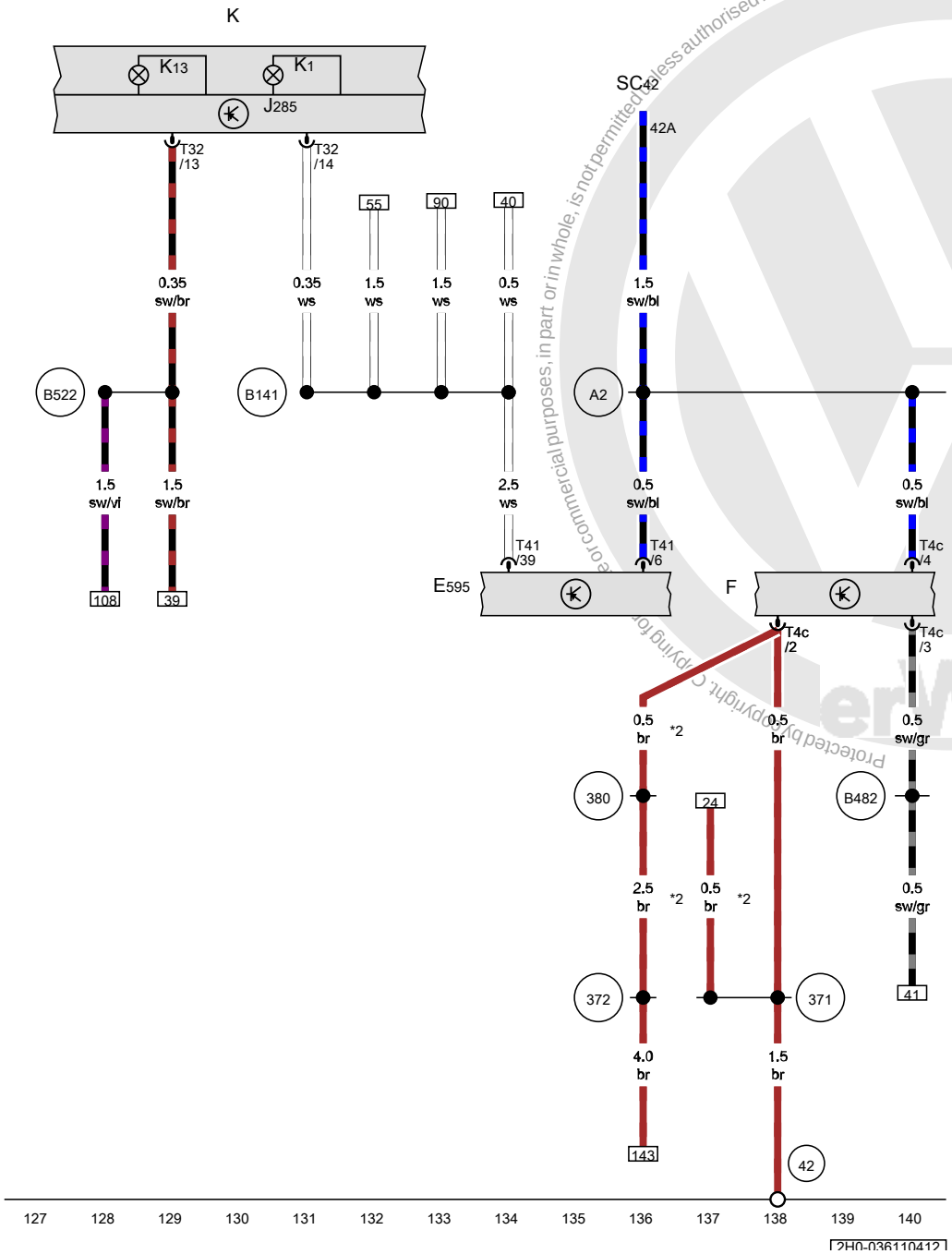

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Steering column combination switch, Brake light switch, Dash panel insert, Fuse 42 on fuse holder C

E595	Steering column combination switch
F	Brake light switch
J285	Control unit in dash panel insert
K	Dash panel insert
K1	Main beam warning lamp
K13	Rear fog light warning lamp
SC42	Fuse 42 on fuse holder C
T4c	4-pin connector
T32	32-pin connector, blue
T41	41-pin connector, grey
42	Earth point, next to steering column
371	Earth connection 6, in main wiring harness
372	Earth connection 7, in main wiring harness
380	Earth connection 15, in main wiring harness
A2	Positive connection (15), in dash panel wiring harness
B141	Positive connection 1 (56a), in interior wiring harness
B482	Connection 18, in main wiring harness
B522	Connection (FL), in main wiring harness
*	Only models with headlight range control
*2	From November 2011

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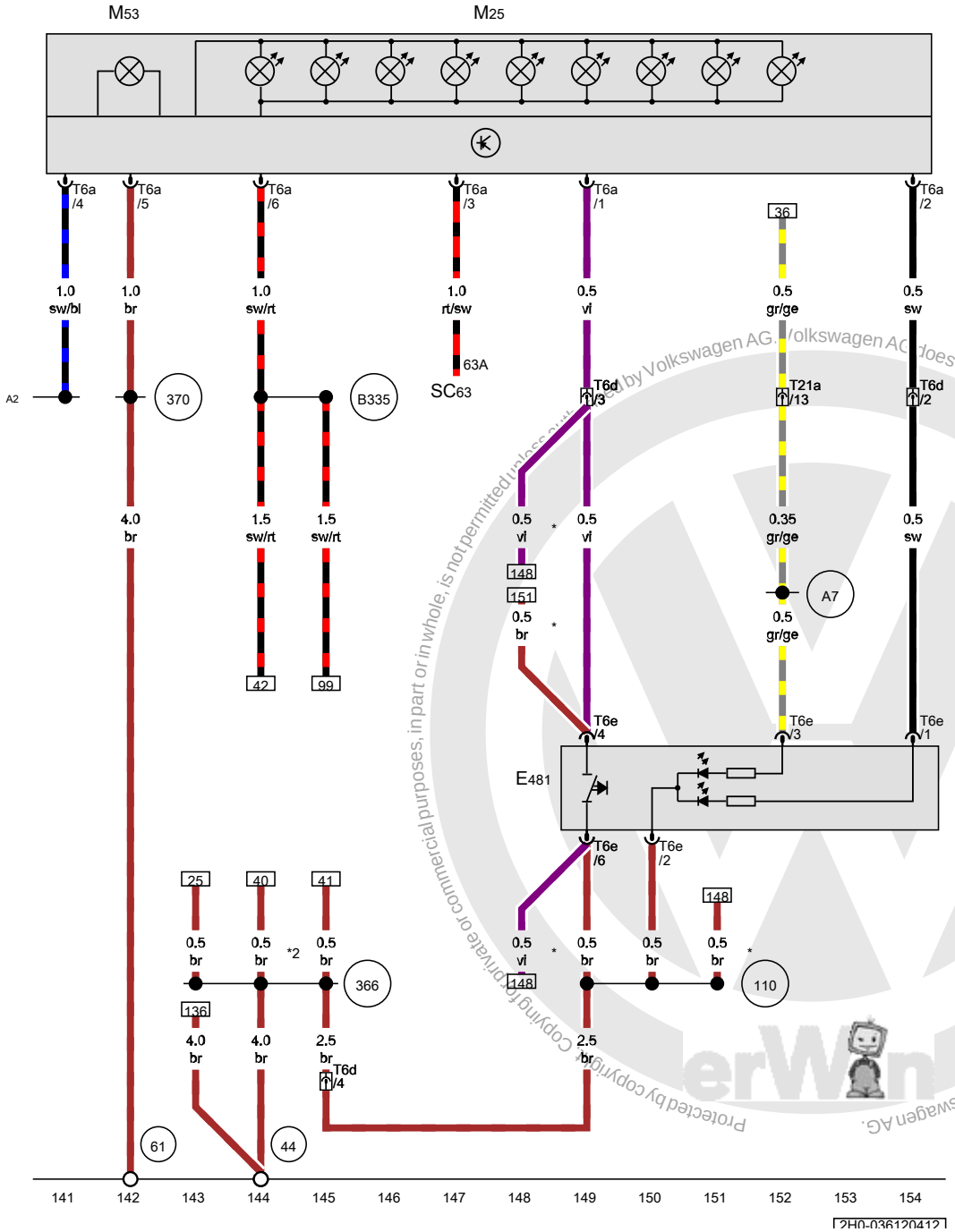

Load area illumination switch, Additional brake light bulb, Load area illumination bulb

E481	Load area illumination switch, near radio
M25	Additional brake light bulb
M53	Load area illumination bulb
SC63	Fuse 63 on fuse holder C
T6a	6-pin connector, black
T6d	6-pin connector, on relay carrier
T6e	6-pin connector
T21a	21-pin connector, on relay carrier, brown
44	Earth point, lower part of left A-pillar
61	Earth point, left C-pillar
110	Earth connection 2, in dash panel wiring harness
366	Earth connection 1, in main wiring harness
370	Earth connection 5, in main wiring harness
A2	Positive connection (15), in dash panel wiring harness
A7	Positive connection (58 D1), in dash panel wiring harness
B335	Connection 1 (54), in main wiring harness
*	Only right-hand drive models
*2	From November 2011

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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or	=	orange
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Exterior lighting , (7L3)

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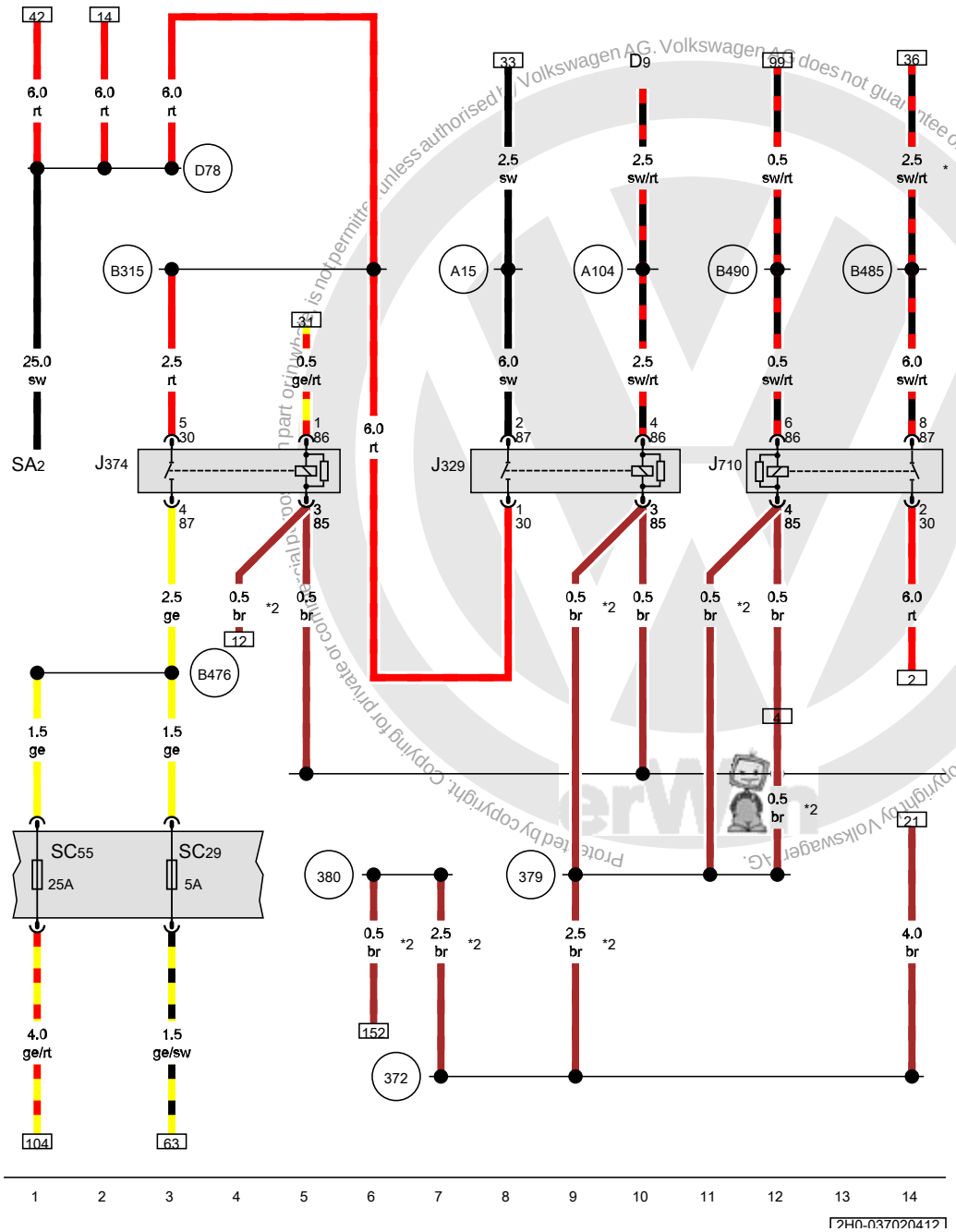

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Electronic ignition lock, Terminal 15 voltage supply relay, Terminal 58b relief relay, Voltage supply relay 2, Fuse 29 on fuse holder C, Fuse 55 on fuse holder C

D9	Electronic ignition lock
J329	Terminal 15 voltage supply relay
J374	Terminal 58b relief relay
J710	Voltage supply relay 2
SA2	Fuse 2 in fuse holder A
SC29	Fuse 29 on fuse holder C
SC55	Fuse 55 on fuse holder C
366	Earth connection 1, in main wiring harness
372	Earth connection 7, in main wiring harness
379	Earth connection 14, in main wiring harness
380	Earth connection 15, in main wiring harness
A15	Positive connection (15), in instrument wiring harness
A104	Positive connection 2 (15), in dash panel wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B476	Connection 12, in main wiring harness
B485	Connection 21, in main wiring harness
B490	Connection 26, in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
*	Only models with fog lights
*2	From November 2011

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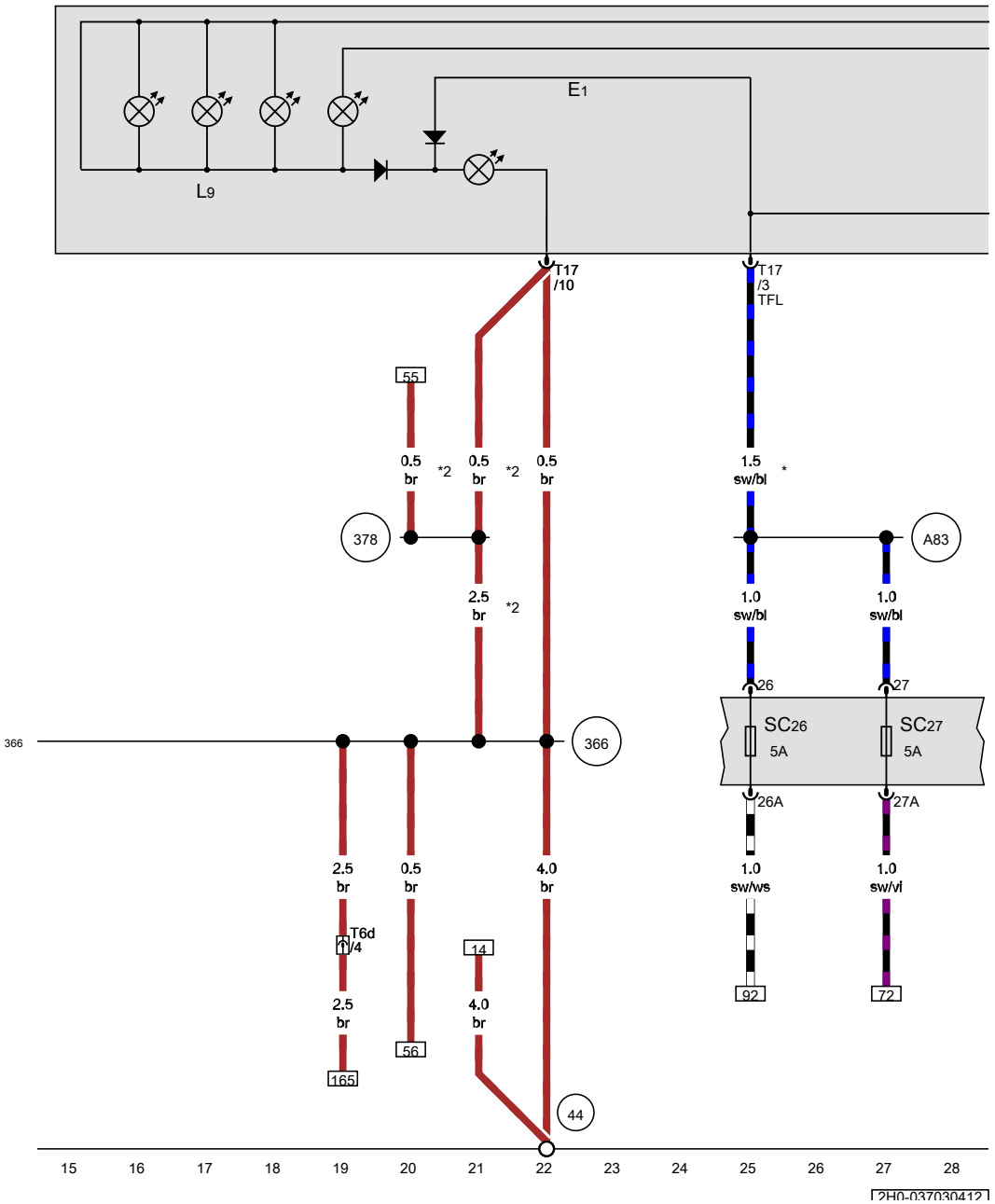

Light switch, Light switch illumination bulb, Fuse 26 on fuse holder C, Fuse 27 on fuse holder C

E1	Light switch
L9	Light switch illumination bulb
SC26	Fuse 26 on fuse holder C
SC27	Fuse 27 on fuse holder C
T6d	6-pin connector
T17	17-pin connector
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
378	Earth connection 13, in main wiring harness
A83	Connection (daytime running lights), in dash panel wiring harness
*	Only models with daytime running lights
*2	From November 2011

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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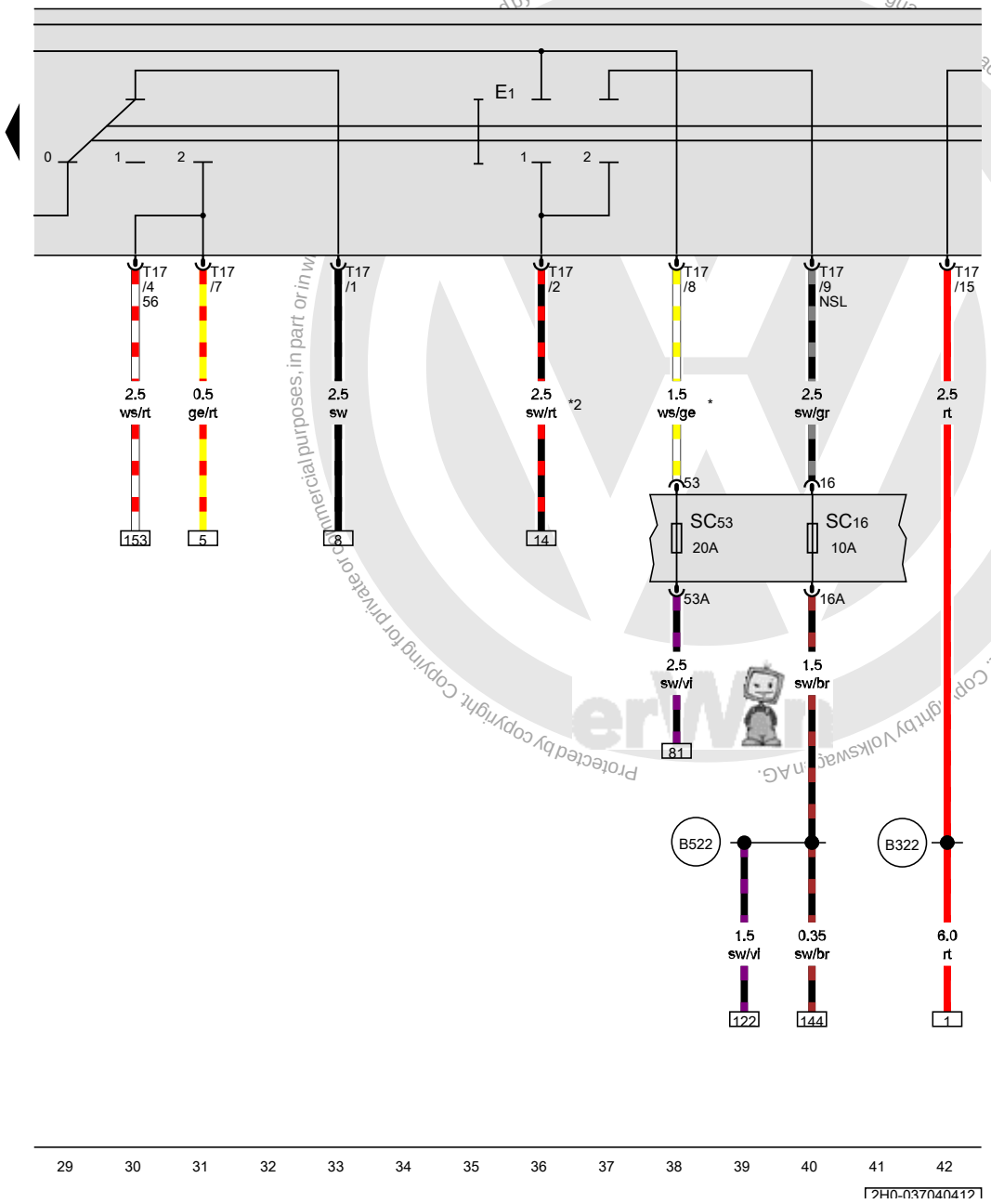

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Light switch, Fuse 16 on fuse holder C, Fuse 53 on fuse holder C

E1	Light switch
SC16	Fuse 16 on fuse holder C
SC53	Fuse 53 on fuse holder C
T17	17-pin connector
B322	Positive connection 8 (30a) in main wiring harness
B522	Connection (FL), in main wiring harness
*	Only models with no fog lights but with multifunction display
*2	Only models with fog lights

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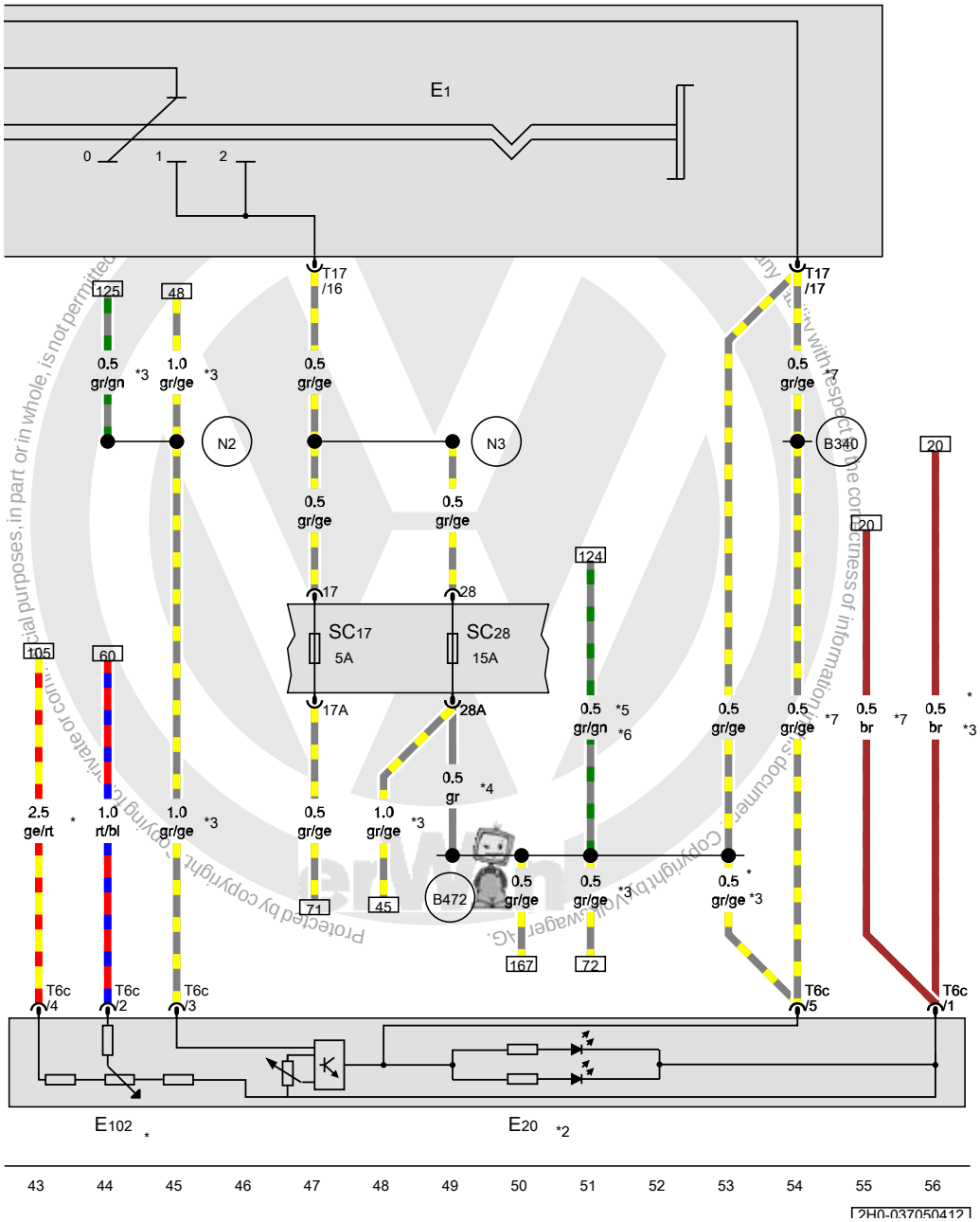
Light switch, Switch and instrument illumination regulator, Headlight range control regulator, Fuse 28 on fuse holder C



E1	Light switch
E20	Switch and instrument illumination regulator
E102	Headlight range control regulator
SC17	Fuse 17 on fuse holder C
SC28	Fuse 28 on fuse holder C
T6c	6-pin connector
T17	17-pin connector
B340	Connection 1 (58d), in main wiring harness
B472	Connection 8, in main wiring harness
N2	Connection 1, in headlight range control wiring harness
N3	Connection 2, in headlight range control wiring harness
*	Only models with headlight range control
*2	Only models with dimmable instrument illumination
*3	Only models with Highline equipment
*4	Only models with no dimmable instrument illumination
*5	Only models with Trendline equipment
*6	Only models with basic equipment
*7	From November 2011

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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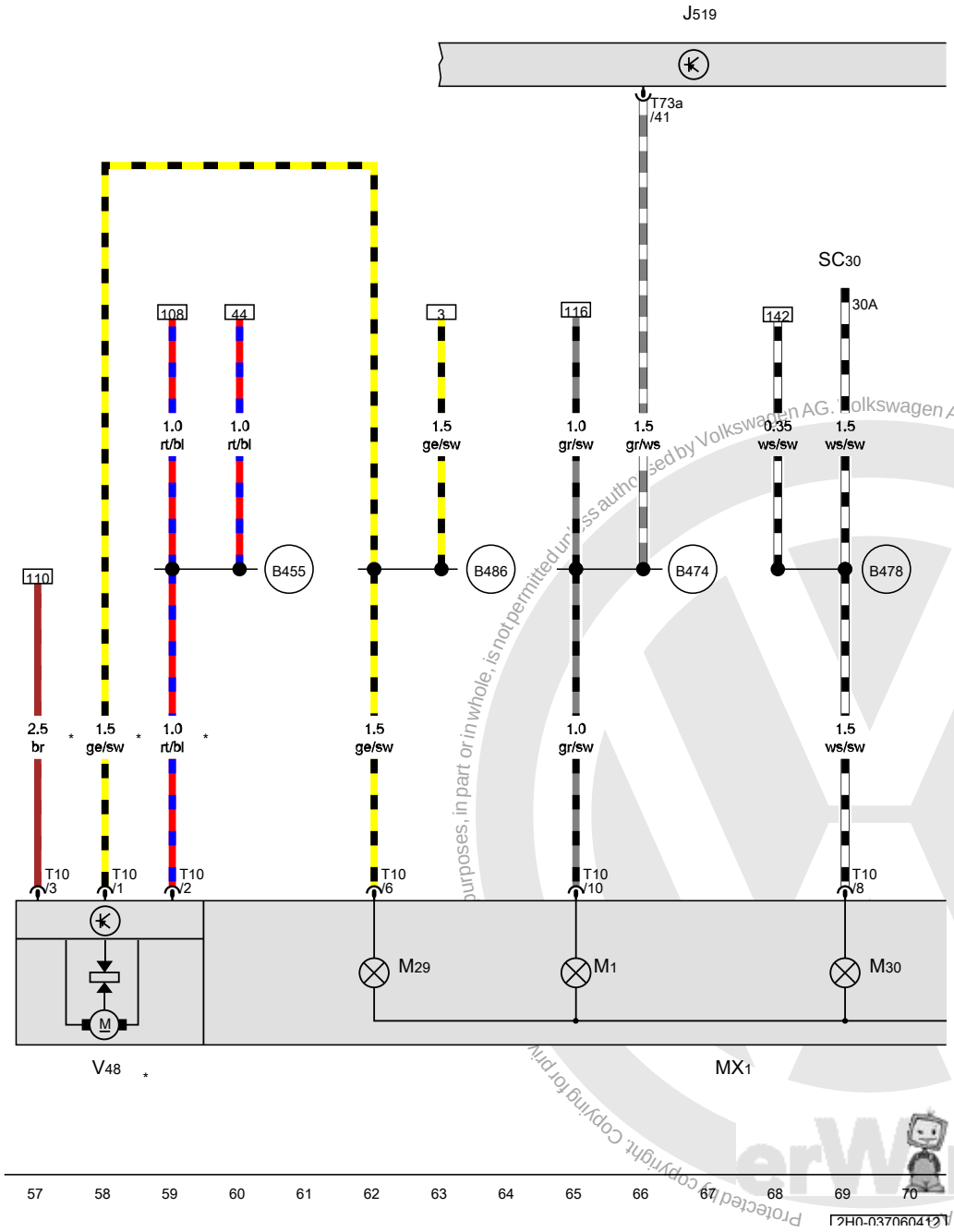

Front left headlight

J519	Onboard supply control unit
MX1	Front left headlight
M1	Left side light bulb
M29	Left headlight dipped beam bulb
M30	Left headlight main beam bulb
SC30	Fuse 30 on fuse holder C
T10	10-pin connector
T73a	73-pin connector
V48	Left headlight range control motor
B455	Connection (HRC), in main wiring harness
B474	Connection 10, in main wiring harness
B478	Connection 14, in main wiring harness
B486	Connection 22, in main wiring harness
*	Only models with headlight range control

ws	=	white
sw	=	black
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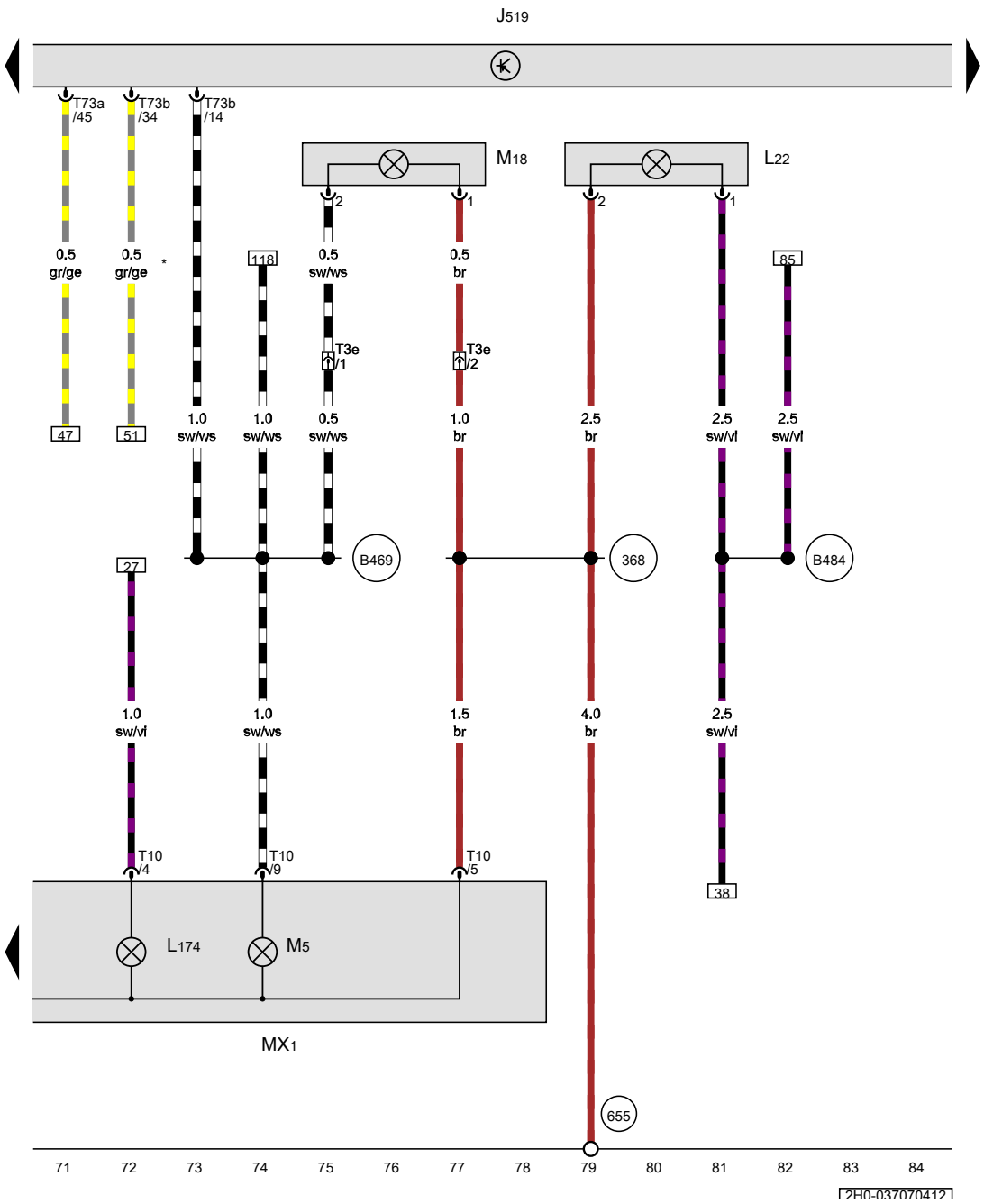

Left fog light bulb, Front left headlight, Left turn signal repeater bulb

J519	Onboard supply control unit
L22	Left fog light bulb
L174	Left daytime running light bulb
MX1	Front left headlight
M5	Front left turn signal bulb
M18	Left turn signal repeater bulb
T3e	3-pin connector, in rear left of engine compartment, black
T10	10-pin connector
T73a	73-pin connector
T73b	73-pin connector
368	Earth connection 3, in main wiring harness
655	Earth point, on left headlight, on left on bulkhead
B469	Connection 5, in main wiring harness
B484	Connection 20, in main wiring harness
*	Only models with Highline equipment

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sw	=	black
ro	=	red
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gn	=	green
bl	=	blue
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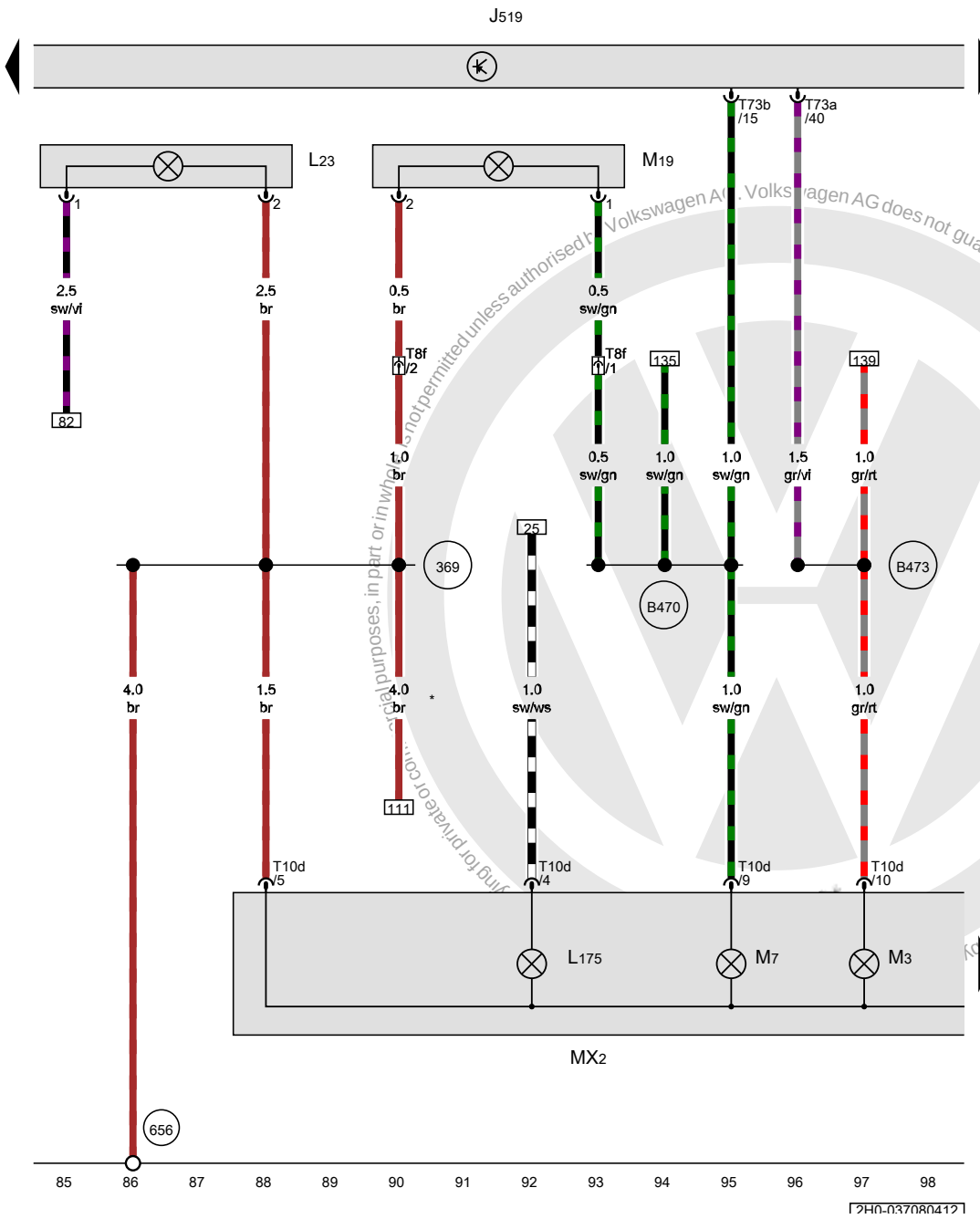

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Right fog light bulb, Front right headlight, Right turn signal repeater bulb

J519	Onboard supply control unit
L23	Right fog light bulb
L175	Right daytime running light bulb
MX2	Front right headlight
M3	Right side light bulb
M7	Front right turn signal bulb
M19	Right turn signal repeater bulb
T8f	8-pin connector, in rear right of engine compartment, black
T10d	10-pin connector
T73a	73-pin connector
T73b	73-pin connector
369	Earth connection 4, in main wiring harness
656	Earth point, on right headlight, on right on bulkhead
B470	Connection 6, in main wiring harness
B473	Connection 9, in main wiring harness
*	Only models with headlight range control
*2	Only models with Highline equipment

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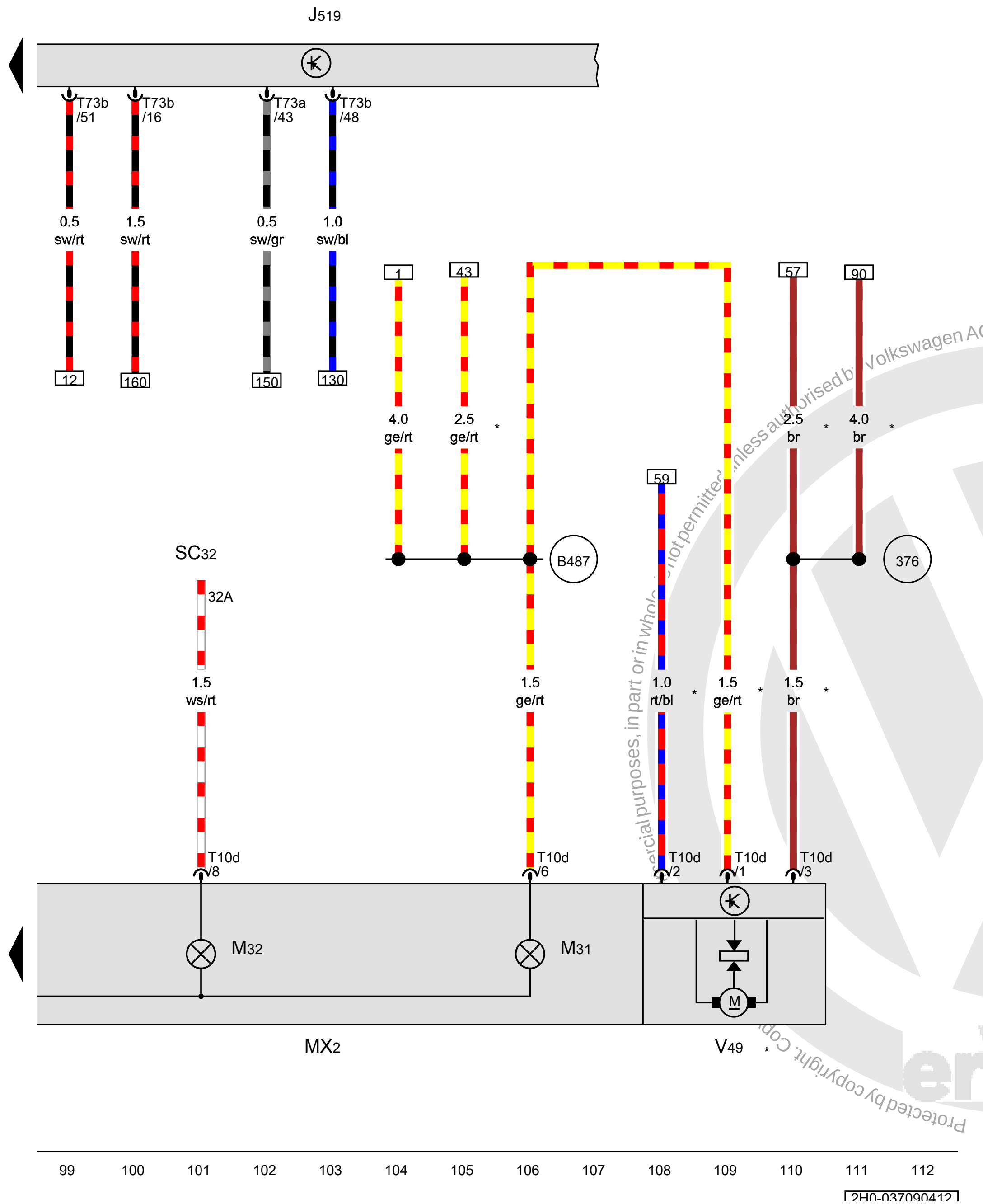
Front right headlight, Fuse 32 on fuse holder C



J519	Onboard supply control unit
MX2	Front right headlight
M31	Right headlight dipped beam bulb
M32	Right headlight main beam bulb
SC32	Fuse 32 on fuse holder C
T10d	10-pin connector
T73a	73-pin connector
T73b	73-pin connector
V49	Right headlight range control motor
376	Earth connection 11, in main wiring harness
B487	Connection 23, in main wiring harness
*	Only models with headlight range control

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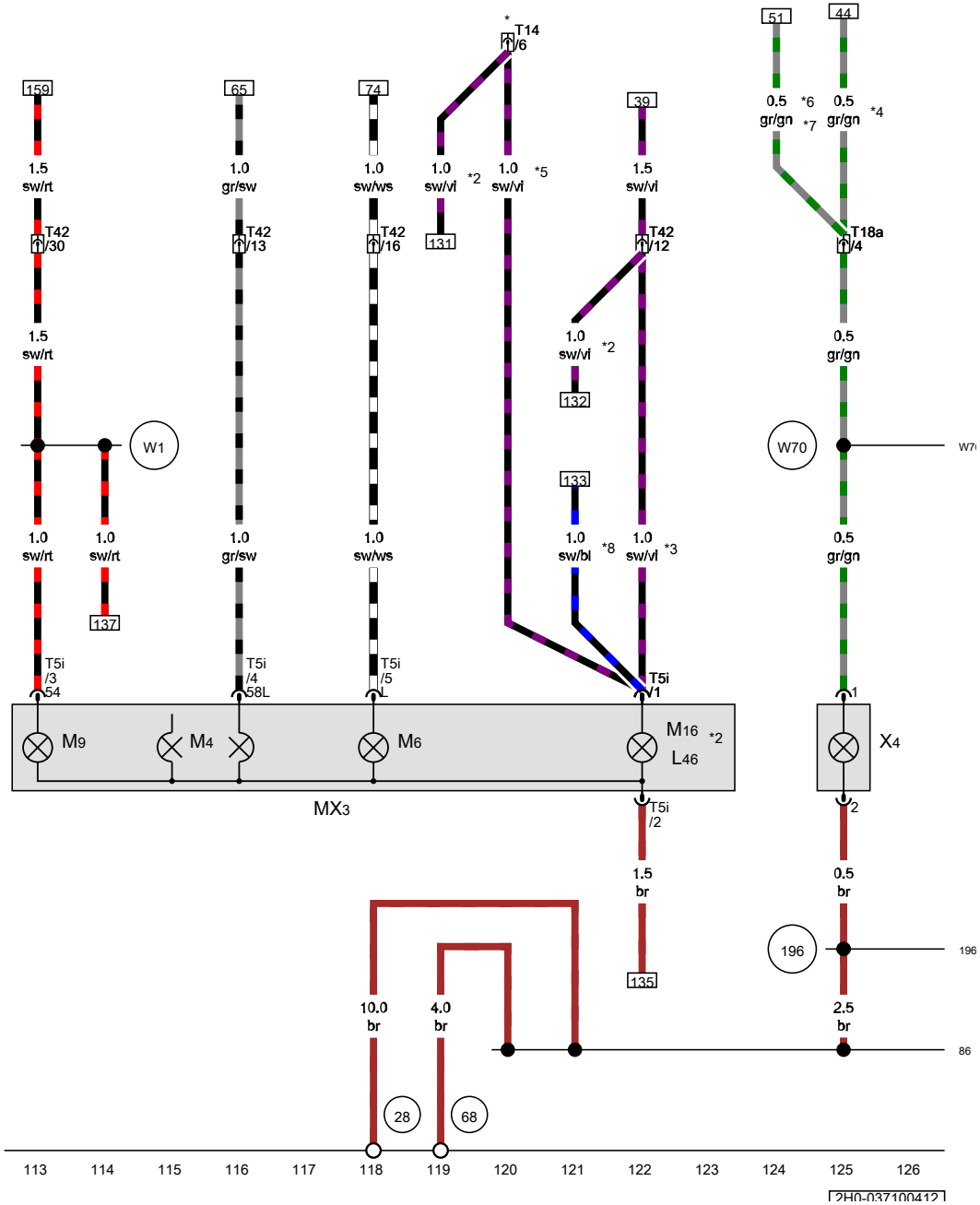

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Left tail light, Left number plate light

L46	Rear left fog light bulb
MX3	Left tail light
M4	Left tail light bulb
M6	Rear left turn signal bulb
M9	Left brake light bulb
M16	Left reversing light bulb
T5i	5-pin connector
T14	14-pin connector, behind rear bumper on left, black
T18a	18-pin connector, near engine control unit, grey
T42	42-pin connector, near handbrake lever, black
X4	Left number plate light
28	Earth point, on bulkhead
68	Earth point, on left of rear cross member
86	Earth connection 1, in rear wiring harness
196	Earth connection 3, in rear wiring harness
W1	Positive connection 1 (54), in rear wiring harness
W70	Positive connection 2 (58), in number plate wiring harness
*	see applicable current flow diagram for preparation for trailer coupling
*2	Only right-hand drive models
*3	Only models with no towing bracket
*4	Only models with Highline equipment
*5	Only left-hand drive models
*6	Only models with Trendline equipment
*7	Only models with basic equipment
*8	Only models with no rear fog light

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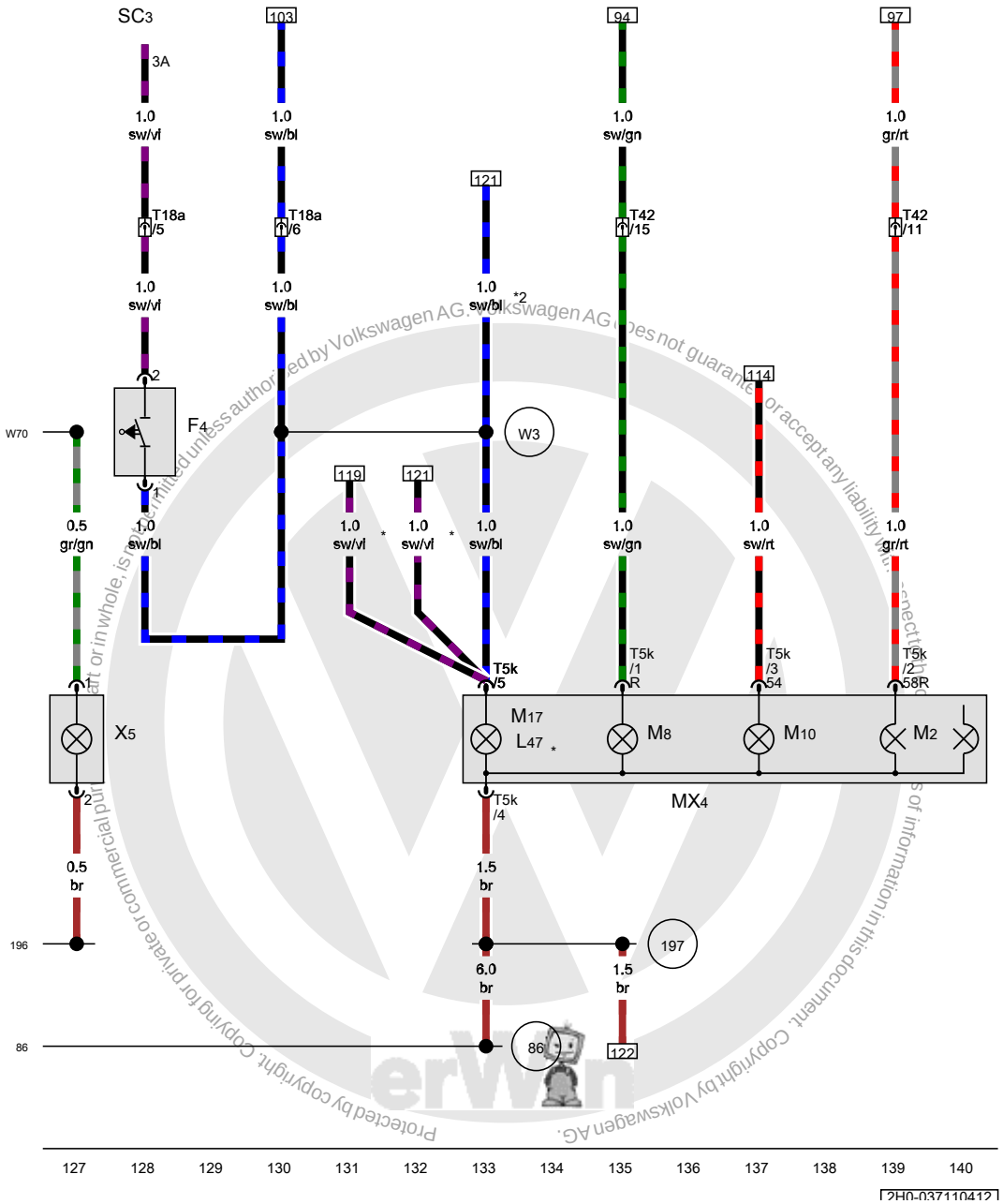

Reversing light switch, Right tail light, Right number plate light

F4	Reversing light switch
L47	Rear right fog light bulb
M2	Right tail light bulb
MX4	Right tail light
M8	Rear right turn signal bulb
M10	Right brake light bulb
M17	Right reversing light bulb
SC3	Fuse 3 on fuse holder C
T5k	5-pin connector
T18a	18-pin connector, near engine control unit, grey
T42	42-pin connector, near handbrake lever, black
X5	Right number plate light
86	Earth connection 1, in rear wiring harness
196	Earth connection 3, in rear wiring harness
197	Earth connection 4, in rear wiring harness
W3	Connection in rear wiring harness
W70	Positive connection 2 (58), in number plate wiring harness
*	Only right-hand drive models
*2	Only models with no rear fog light

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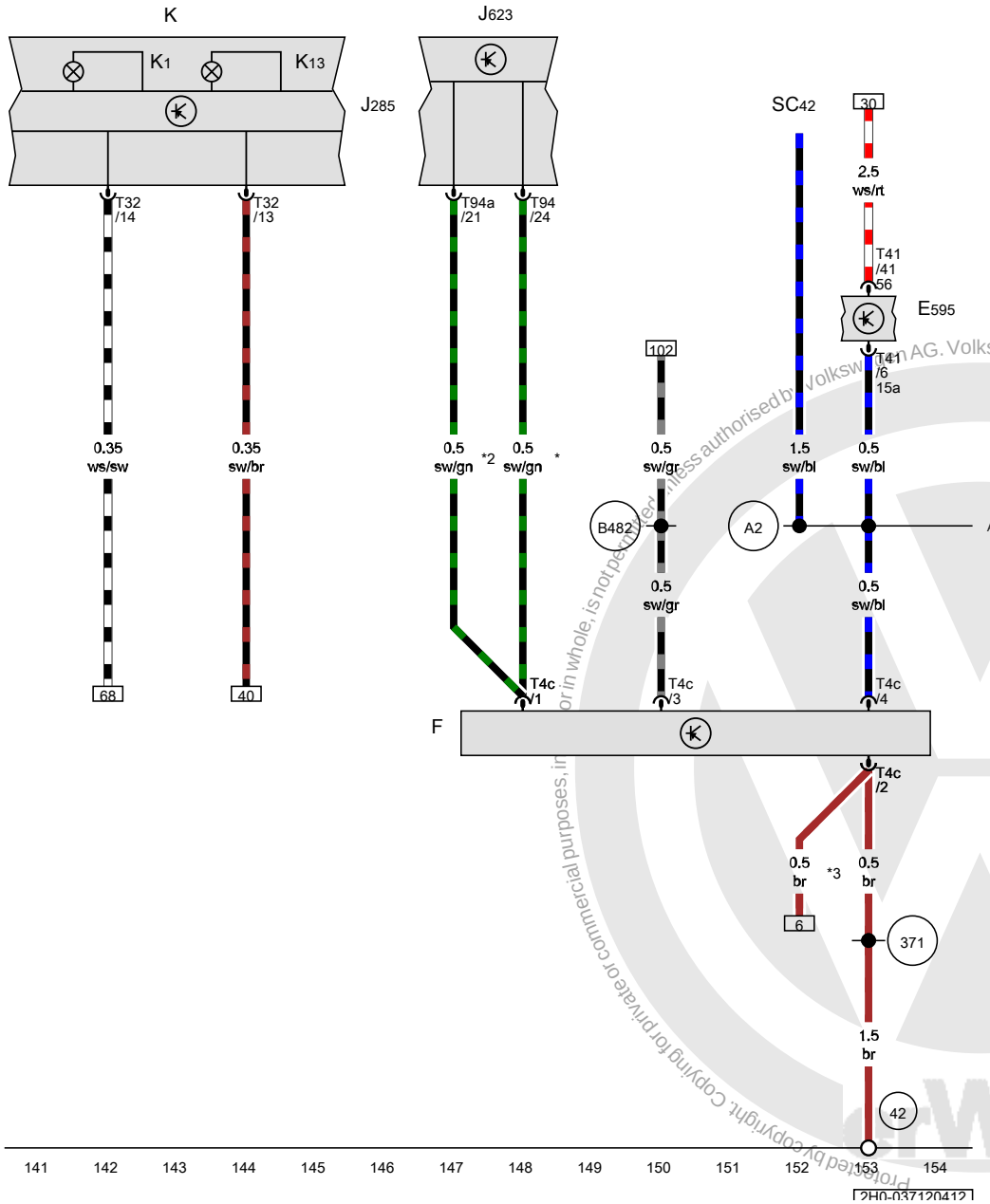
Steering column combination switch, Brake light switch, Control unit in dash panel insert, Engine control unit, Dash panel insert



E595	Steering column combination switch
F	Brake light switch
J285	Control unit in dash panel insert
J623	Engine control unit
K	Dash panel insert
K1	Main beam warning lamp
K13	Rear fog light warning lamp
SC42	Fuse 42 on fuse holder C
T4c	4-pin connector, black
T32	32-pin connector, blue
T41	41-pin connector, grey
T94	94-pin connector, black
T94a	94-pin connector, black
42	Earth point, next to steering column
371	Earth connection 6, in main wiring harness
A2	Positive connection (15), in dash panel wiring harness
B482	Connection 18, in main wiring harness
*	Only models with petrol engine
*2	Only models with diesel engine
*3	From November 2011

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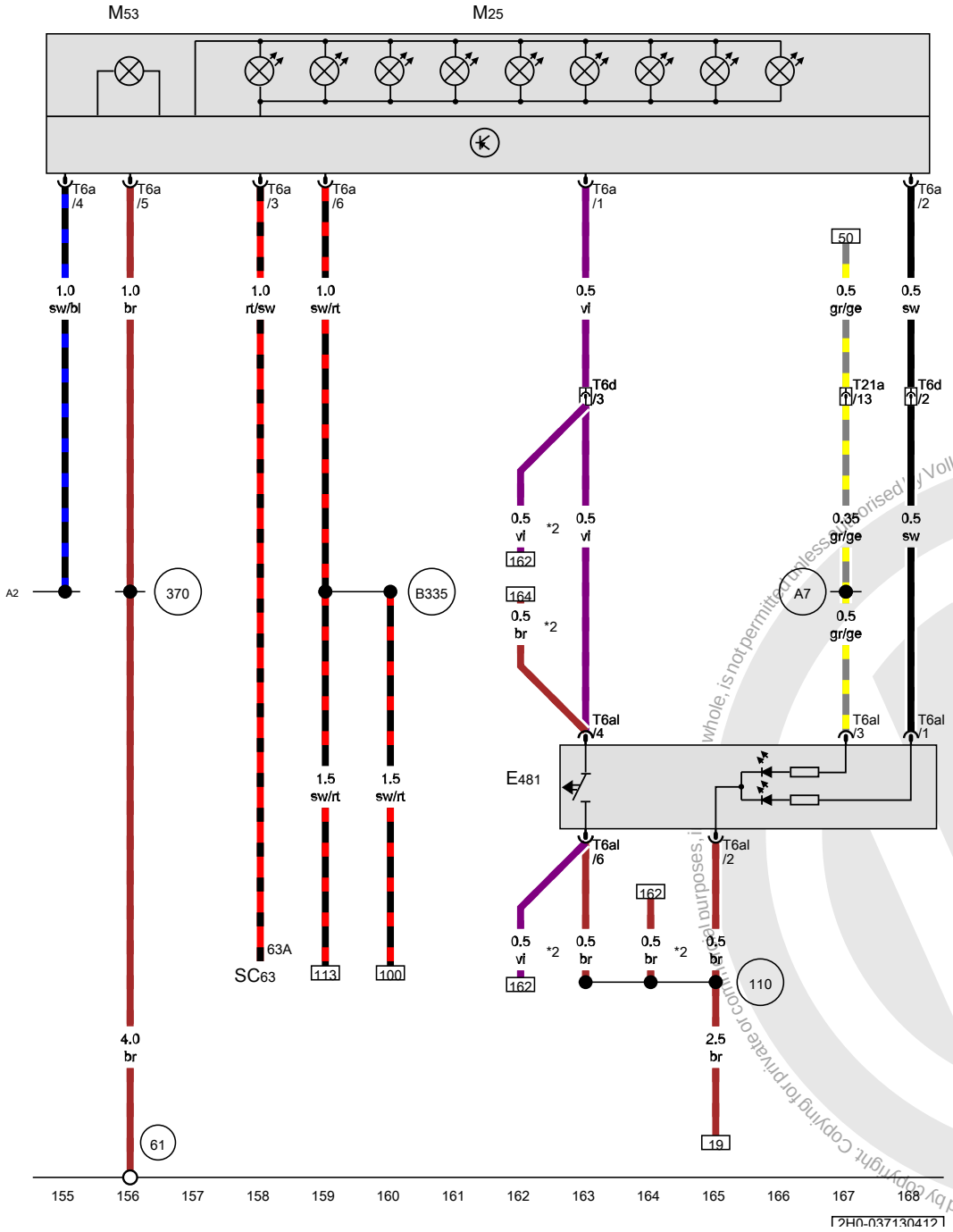

Load area illumination switch, Additional brake light bulb, Load area illumination bulb

E481	Load area illumination switch, near radio
M25	Additional brake light bulb
M53	Load area illumination bulb
SC63	Fuse 63 on fuse holder C
T6a	6-pin connector
T6al	6-pin connector
T6d	6-pin connector, on relay carrier
T21a	21-pin connector, on relay carrier
61	Earth point, left C-pillar
110	Earth connection 2, in dash panel wiring harness
370	Earth connection 5, in main wiring harness
A2	Positive connection (15), in dash panel wiring harness
A7	Positive connection (58 D1), in dash panel wiring harness
B335	Connection 1 (54), in main wiring harness
*	Only models with headlight range control
*2	Only right-hand drive models

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Fuse assignment for models with start/stop system , (7L6)

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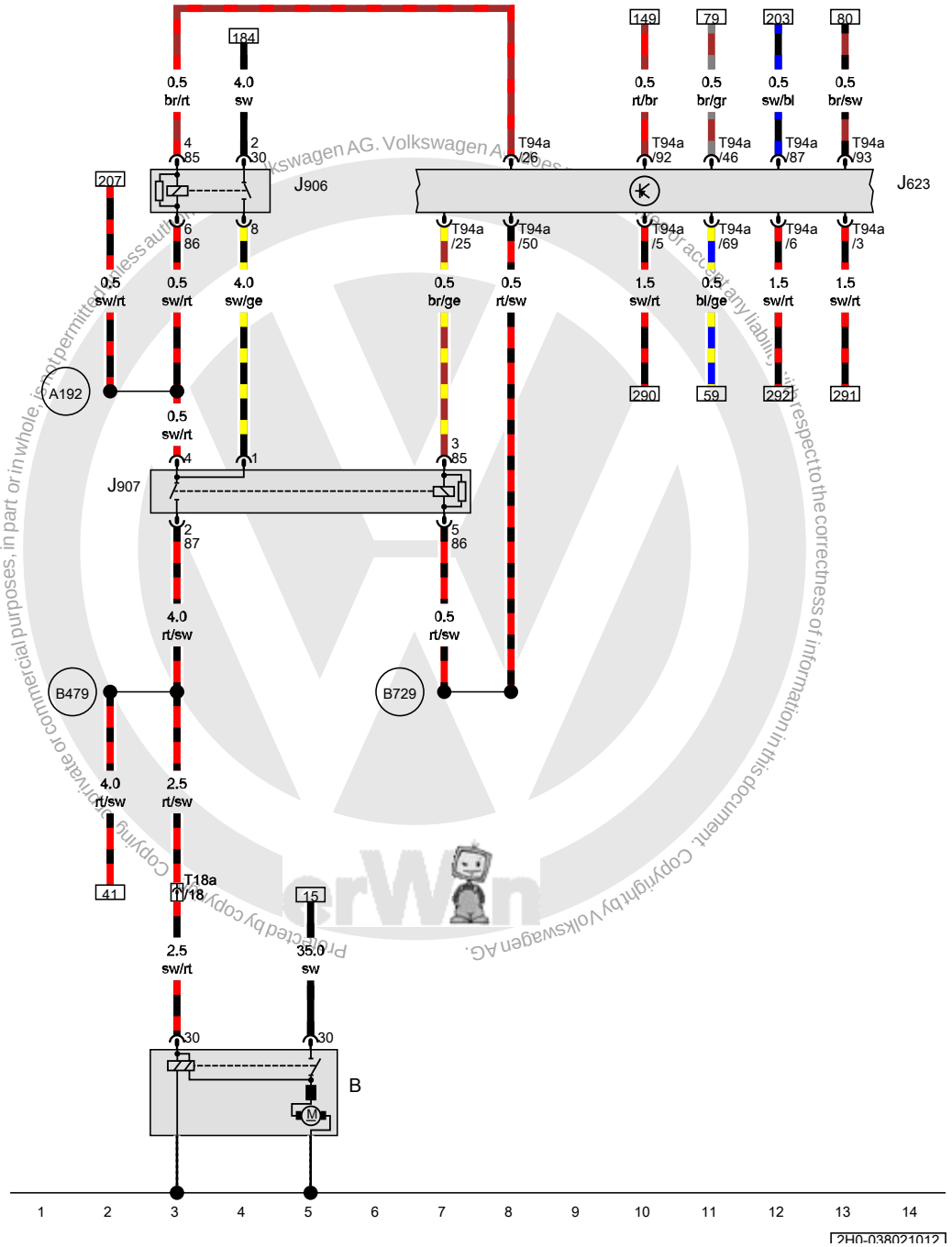

Starter, Starter relay 1, Starter relay 2

B	Starter
J623	Engine control unit
J906	Starter relay 1
J907	Starter relay 2
T18a	18-pin connector, near engine control unit, grey
T94a	94-pin connector
A192	Positive connection 3 (15a) in dash panel wiring harness
B479	Connection 15, in main wiring harness
B729	Connection 1 (50), in main wiring harness

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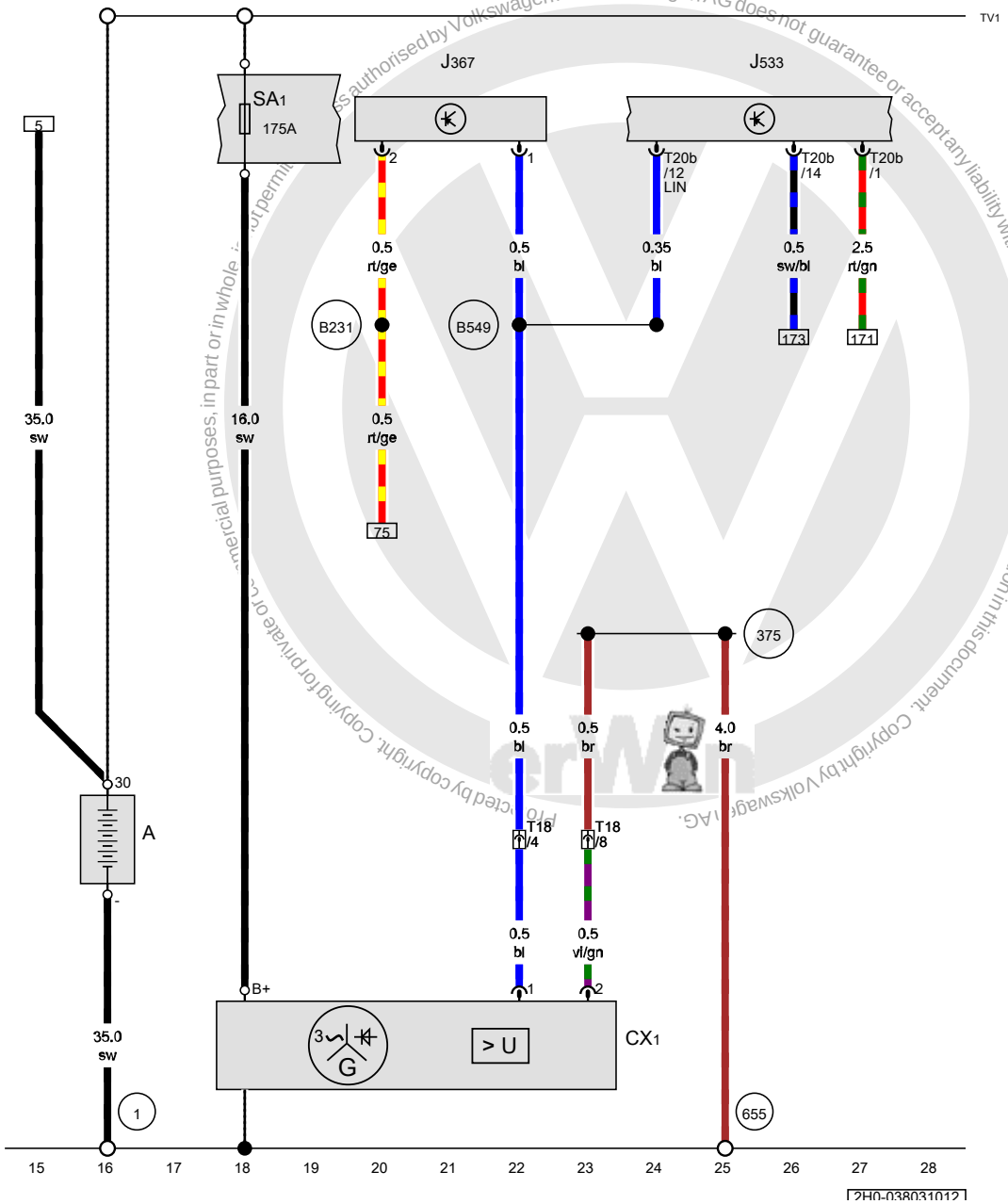

Battery, Alternator with voltage regulator, Battery monitor control unit, Data bus diagnostic interface, Fuse 1 in fuse holder A

A	Battery
CX1	Alternator with voltage regulator
J367	Battery monitor control unit
J533	Data bus diagnostic interface
SA1	Fuse 1 in fuse holder A
T18	18-pin connector, near engine control unit, black
T20b	20-pin connector
1	Earth strap, battery - body
375	Earth connection 10, in main wiring harness
655	Earth point, on left headlight
B231	Positive connection 5 (30a), in interior wiring harness
B549	Connection 2 (LIN bus) in main wiring harness

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Starter motor relay, Fuse 2 in fuse holder A

J53 Starter motor relay
SA2 Fuse 2 in fuse holder A

44 Earth point, lower part of left A-pillar

366 Earth connection 1, in main wiring harness

372 Earth connection 7, in main wiring harness

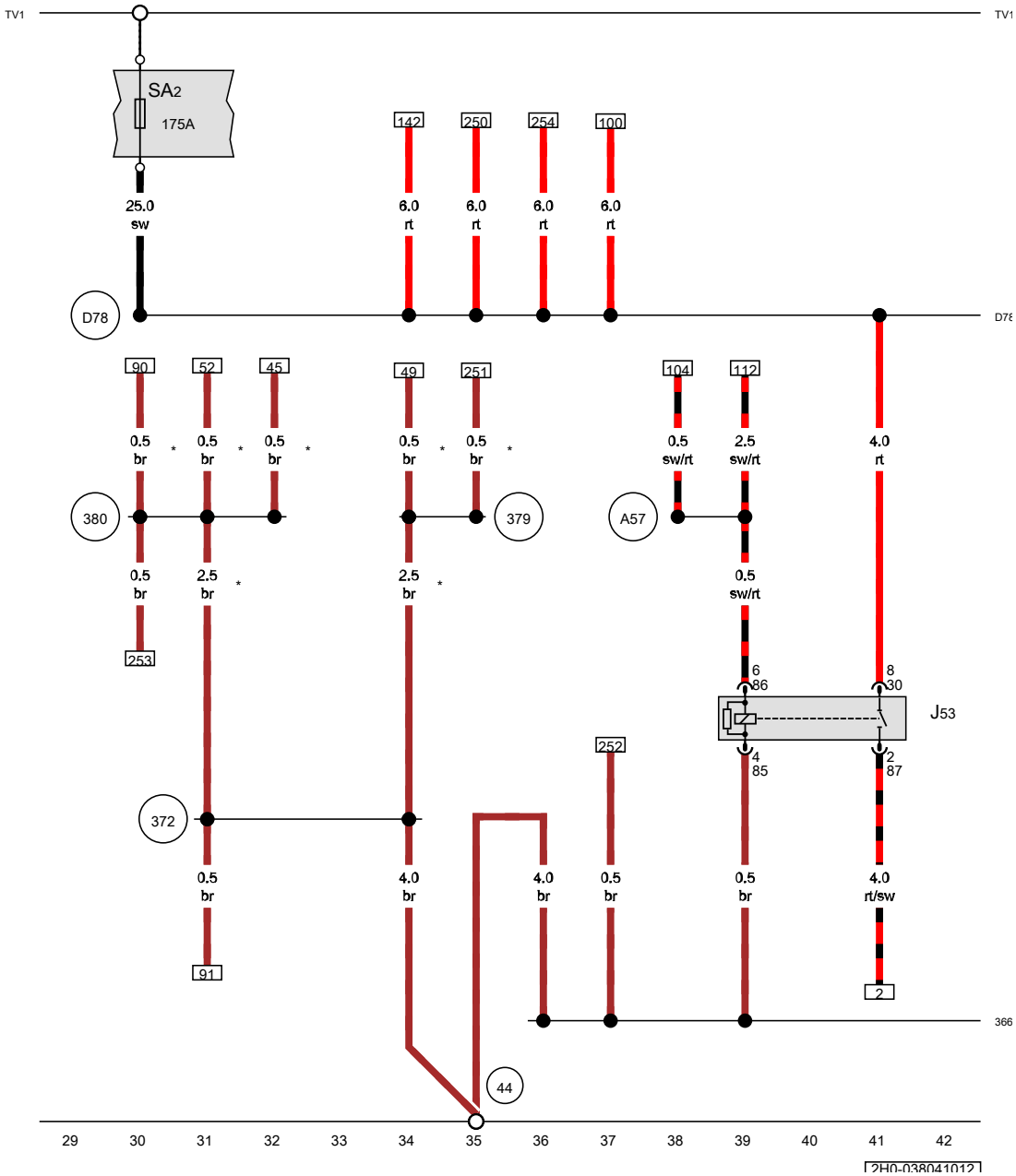
379 Earth connection 14, in main wiring harness

380 Earth connection 15, in main wiring harness

A57 Positive connection 3 (30), in dash panel wiring harness

D78 Positive connection 1 (30a), in engine compartment wiring harness

* From November 2011



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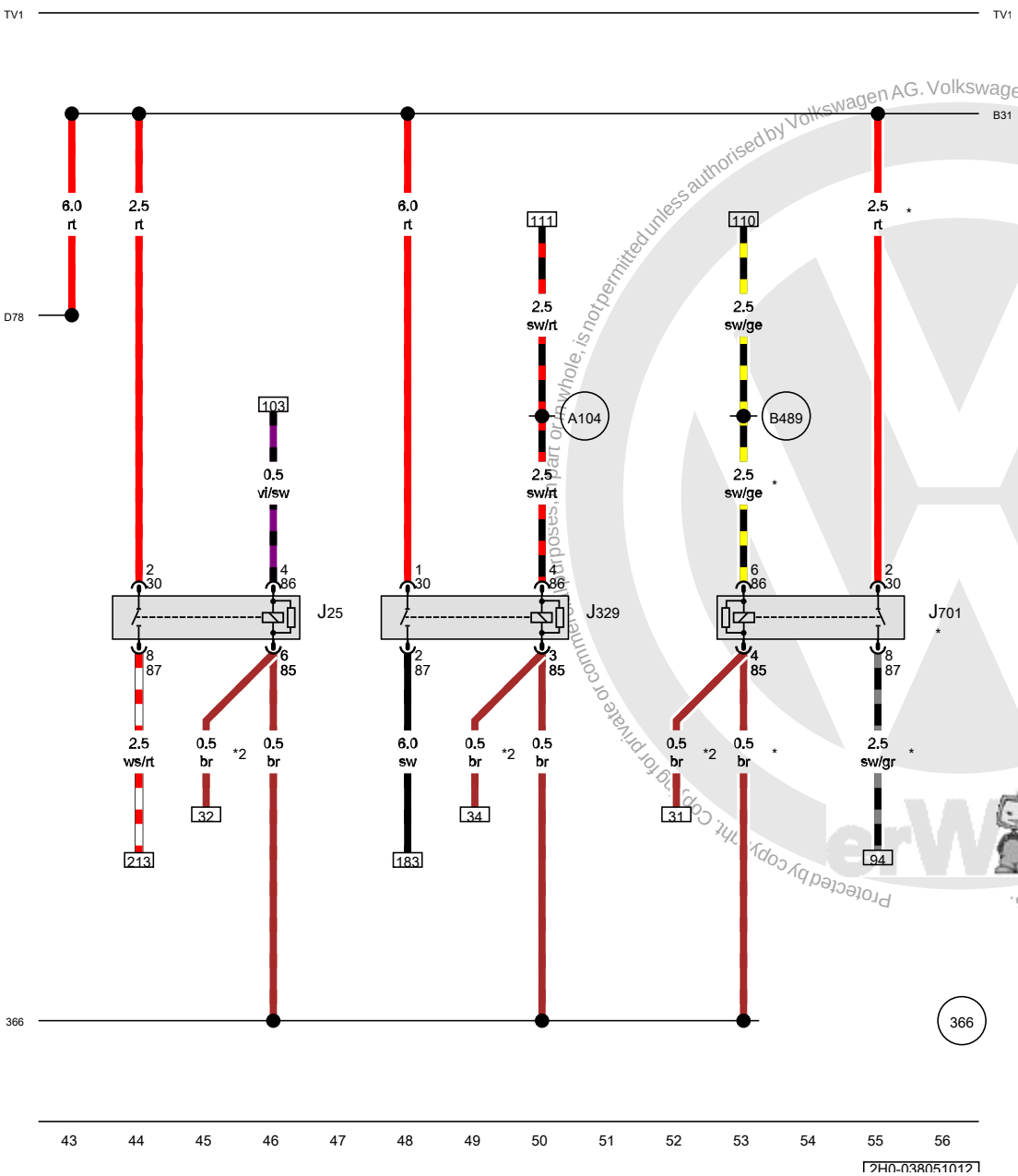

Headlight relay, Terminal 15 voltage supply relay, Voltage supply relay 1

J25	Headlight relay
J329	Terminal 15 voltage supply relay
J701	Voltage supply relay 1
366	Earth connection 1, in main wiring harness
A104	Positive connection 2 (15), in dash panel wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B489	Connection 25, in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
*	Only models with electric interface for external use
*2	From November 2011

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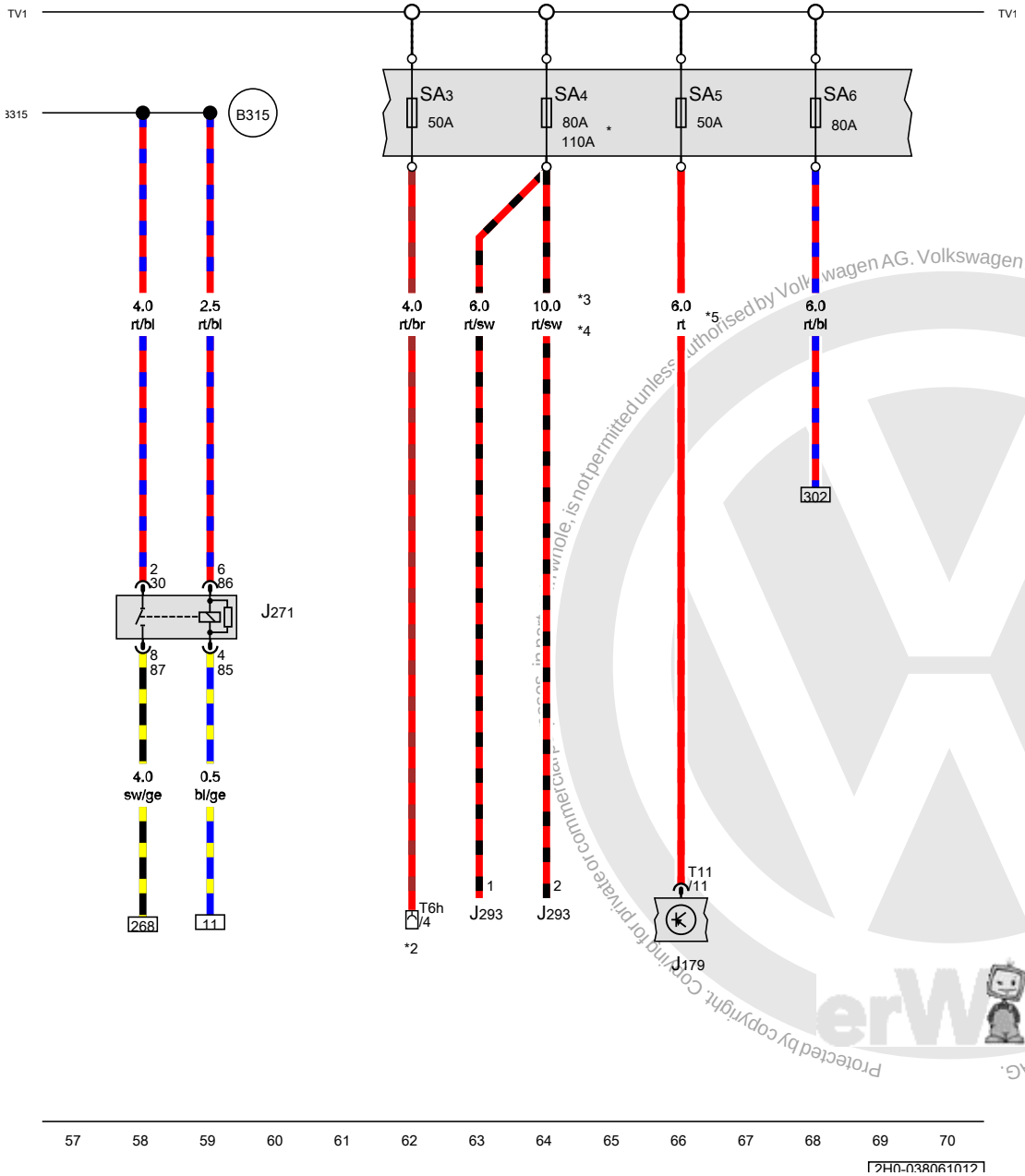

Automatic glow period control unit, Main relay, Fuse 3 in fuse holder A, Fuse 4 in fuse holder A, Fuse 5 in fuse holder A, Fuse 6 in fuse holder A

J179	Automatic glow period control unit
J271	Main relay
J293	Radiator fan control unit
SA3	Fuse 3 in fuse holder A
SA4	Fuse 4 in fuse holder A
SA5	Fuse 5 in fuse holder A
SA6	Fuse 6 in fuse holder A
T6h	6-pin connector, in left footwell, near centre console
T11	11-pin connector
B315	Positive connection 1 (30a) in main wiring harness
*	According to equipment
*2	Only models with electric interface for external use
*3	Only models with air conditioning system/ Climatronic
*4	Only for countries with hot climate
*5	Only models with diesel engine

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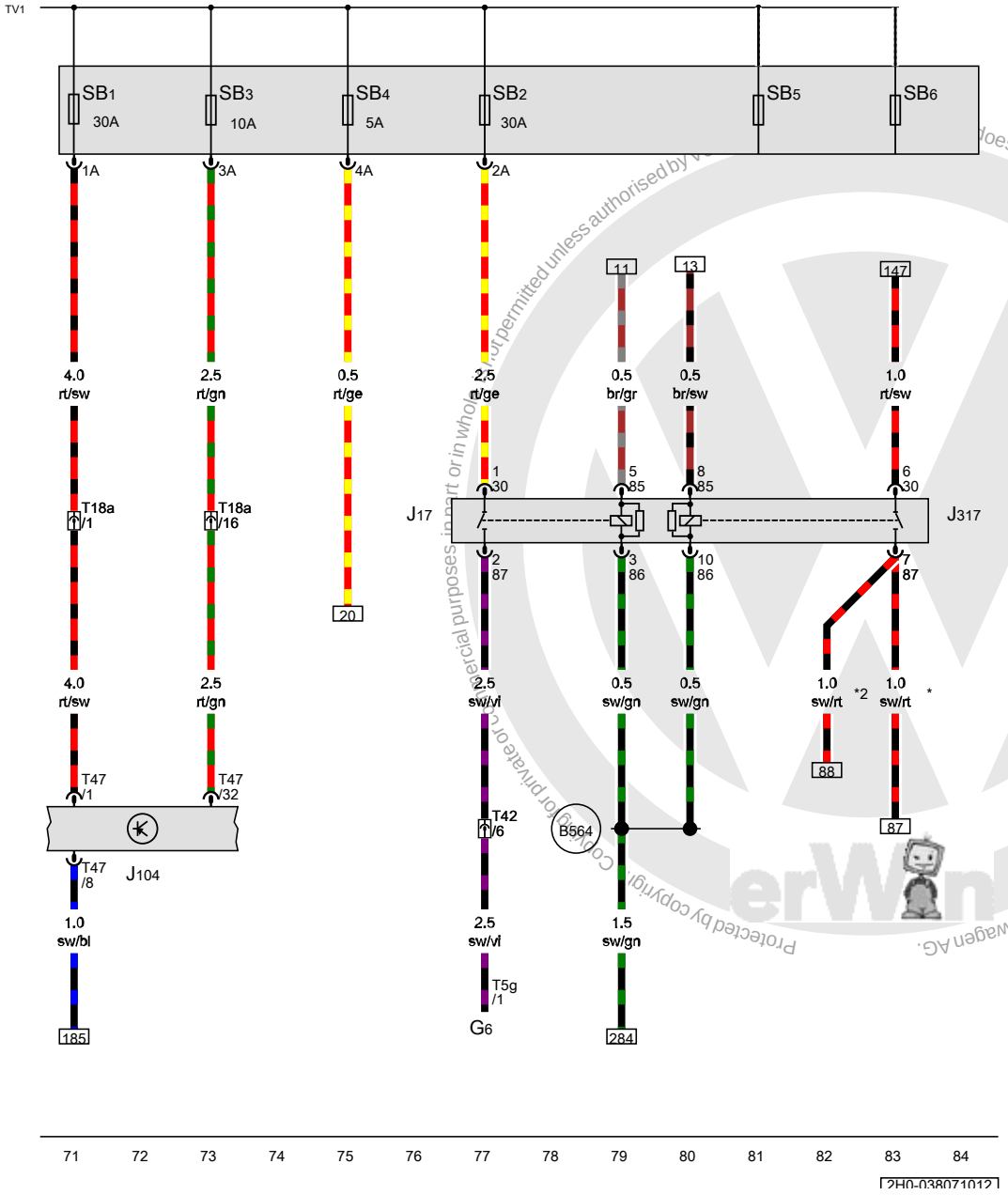

Fuel pump relay, ABS control unit, Terminal 30 voltage supply relay, Fuse 1 on fuse holder B, Fuse 2 on fuse holder B, Fuse 3 on fuse holder B, Fuse 4 on fuse holder B

G6	Fuel system pressurisation pump
J17	Fuel pump relay
J104	ABS control unit
J317	Terminal 30 voltage supply relay
SB1	Fuse 1 on fuse holder B
SB2	Fuse 2 on fuse holder B
SB3	Fuse 3 on fuse holder B
SB4	Fuse 4 on fuse holder B
SB5	Fuse 5 on fuse holder B
SB6	Fuse 6 on fuse holder B
T5g	5-pin connector
T18a	18-pin connector, near engine control unit, grey
T42	42-pin connector, black
T47	47-pin connector
B564	Connection 31, in main wiring harness
*	Only models with air conditioning system/ Climatronic
*2	Only models with no air conditioning system/Climatronic

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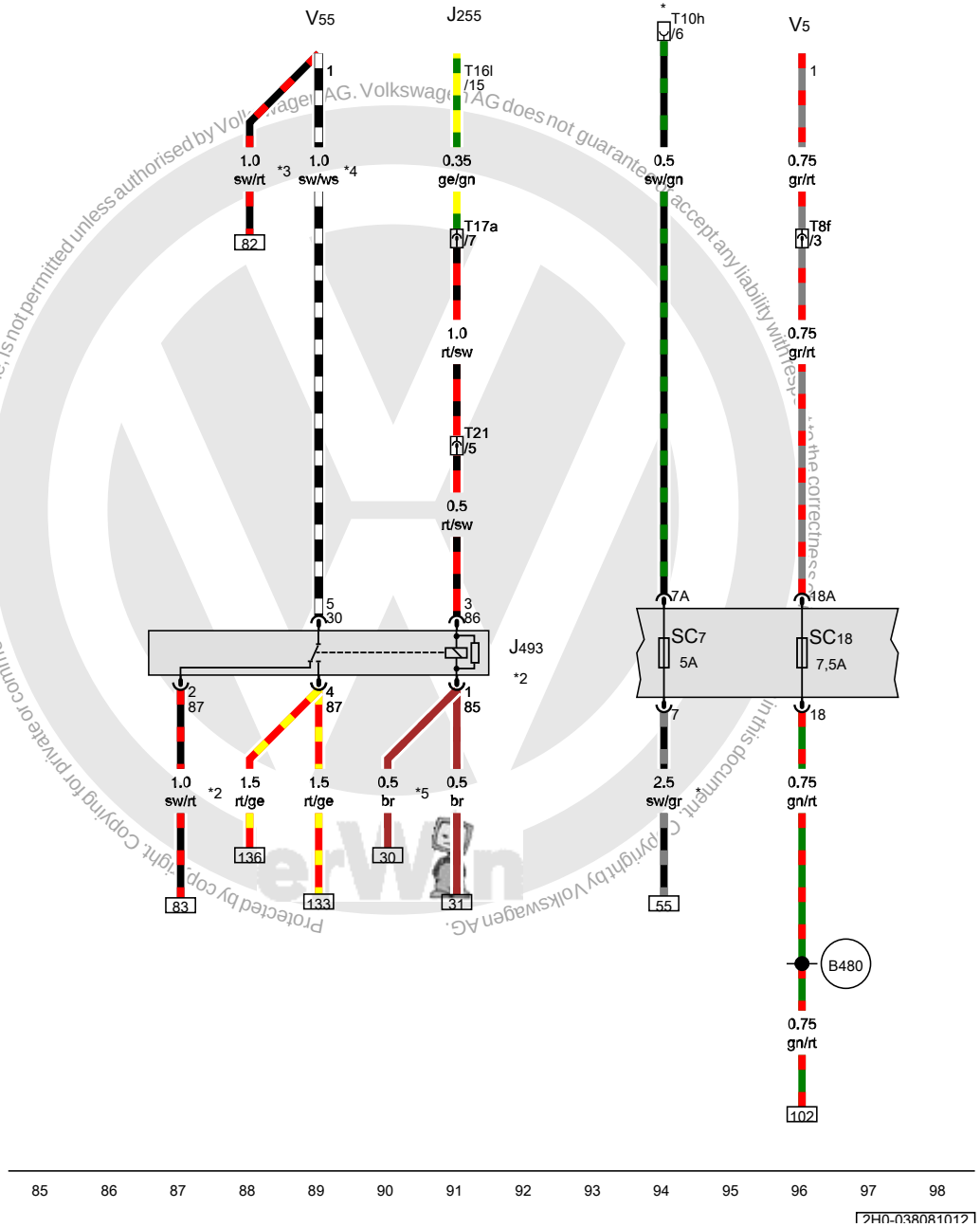
Auxiliary coolant heater relay, 10-pin connector, Washer pump, Circulation pump

J255	Climatronic control unit
J493	Auxiliary coolant heater relay
SC7	Fuse 7 on fuse holder C
SC18	Fuse 18 on fuse holder C
T8f	8-pin connector, in rear right of engine compartment, black
T10h	10-pin connector, in left footwell, near centre console
T16l	16-pin connector
T17a	17-pin connector, behind glove compartment, black
T21	21-pin connector, on relay carrier, blue
V5	Washer pump
V55	Circulation pump
B480	Connection 16, in main wiring harness

*	Only models with electric interface for external use
*2	Only models with air conditioning system/ Climatronic
*3	Only models with no air conditioning system/Climatronic
*4	Only models with Climatronic
*5	From November 2011



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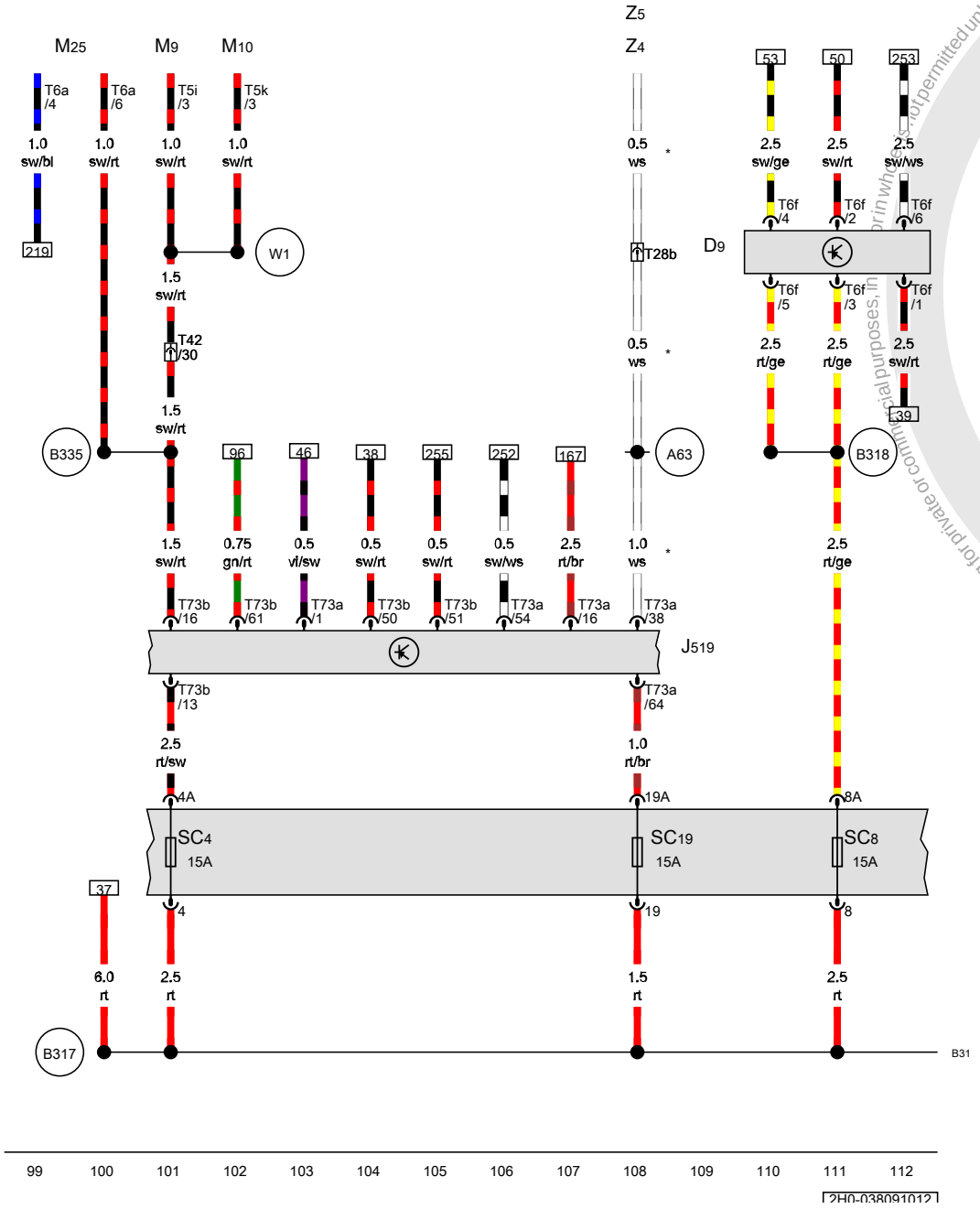

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Electronic ignition lock, Left brake light bulb, Right brake light bulb, Additional brake light bulb, Heated exterior mirror on driver side, Heated exterior mirror on front passenger side

D9	Electronic ignition lock
J519	Onboard supply control unit
M9	Left brake light bulb
M10	Right brake light bulb
M25	Additional brake light bulb
SC4	Fuse 4 on fuse holder C
SC8	Fuse 8 on fuse holder C
SC19	Fuse 19 on fuse holder C
T5i	5-pin connector
T5k	5-pin connector
T6a	6-pin connector
T6f	6-pin connector
T28b	28-pin connector, near A-pillar
T42	42-pin connector, black
T73a	73-pin connector
T73b	73-pin connector
Z4	Heated exterior mirror on driver side
Z5	Heated exterior mirror on front passenger side
A63	Connection (mirror adjustment/heating), in dash panel wiring harness
B317	Positive connection 3 (30a) in main wiring harness
B318	Positive connection 4 (30a) in main wiring harness
B335	Connection 1 (54), in main wiring harness
W1	Positive connection 1 (54), in rear wiring harness
*	see applicable current flow diagram for window regulators/ basic equipment/ convenience system

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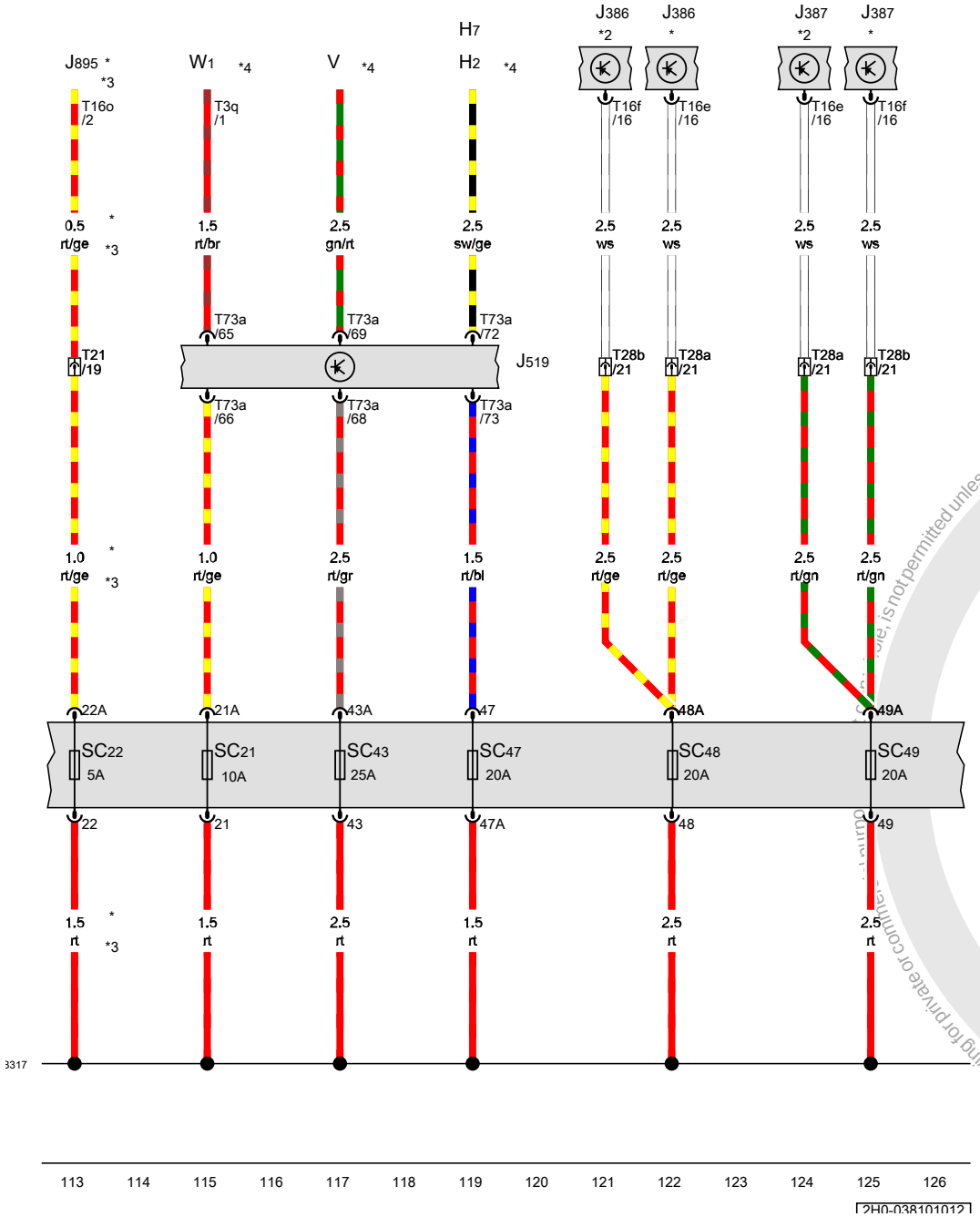

Treble horn, Driver door control unit, Front passenger door control unit, Control unit for vehicle location system, Windscreen wiper motor, Front interior light

H2	Treble horn
H7	Bass horn
J386	Driver door control unit
J387	Front passenger door control unit
J519	Onboard supply control unit
J895	Control unit for vehicle location system
SC21	Fuse 21 on fuse holder C
SC22	Fuse 22 on fuse holder C
SC43	Fuse 43 on fuse holder C
SC47	Fuse 47 on fuse holder C
SC48	Fuse 48 on fuse holder C
SC49	Fuse 49 on fuse holder C
T3q	3-pin connector
T16e	16-pin connector
T16f	16-pin connector
T16o	16-pin connector
T21	21-pin connector, on relay carrier, blue
T28a	28-pin connector, in left A-pillar
T28b	28-pin connector, on right A-pillar
T73a	73-pin connector
V	Windscreen wiper motor
W1	Front interior light
B317	Positive connection 3 (30a) in main wiring harness
*	Only left-hand drive models
*2	Only right-hand drive models
*3	Country specific
*4	see applicable current flow diagram for basic equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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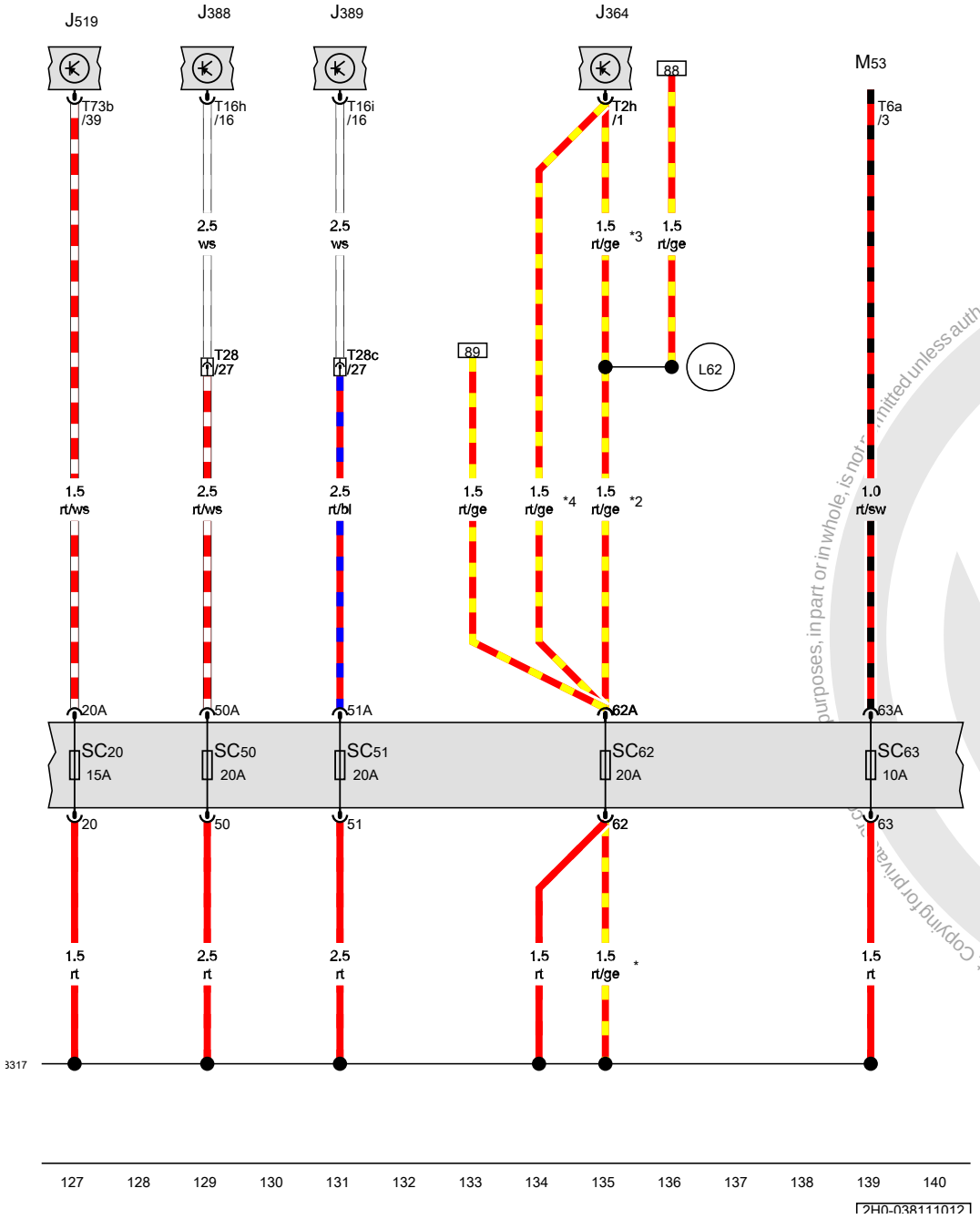

Auxiliary heater control unit, Rear left door control unit, Rear right door control unit, Onboard supply control unit, Load area illumination bulb

J364	Auxiliary heater control unit
J388	Rear left door control unit
J389	Rear right door control unit
J519	Onboard supply control unit
M53	Load area illumination bulb
SC20	Fuse 20 on fuse holder C
SC50	Fuse 50 on fuse holder C
SC51	Fuse 51 on fuse holder C
SC62	Fuse 62 on fuse holder C
SC63	Fuse 63 on fuse holder C
T2h	2-pin connector
T6a	6-pin connector
T16h	16-pin connector
T16i	16-pin connector
T28	28-pin connector
T28c	28-pin connector
T73b	73-pin connector
B317	Positive connection 3 (30a) in main wiring harness
L62	Positive connection (30a), in auxiliary heater wiring harness
*	Only right-hand drive models
*2	Only models with air conditioning system/ Climatronic
*3	Only models with air conditioning system
*4	Only models with no air conditioning system/Climatronic

ws	=	white
sw	=	black
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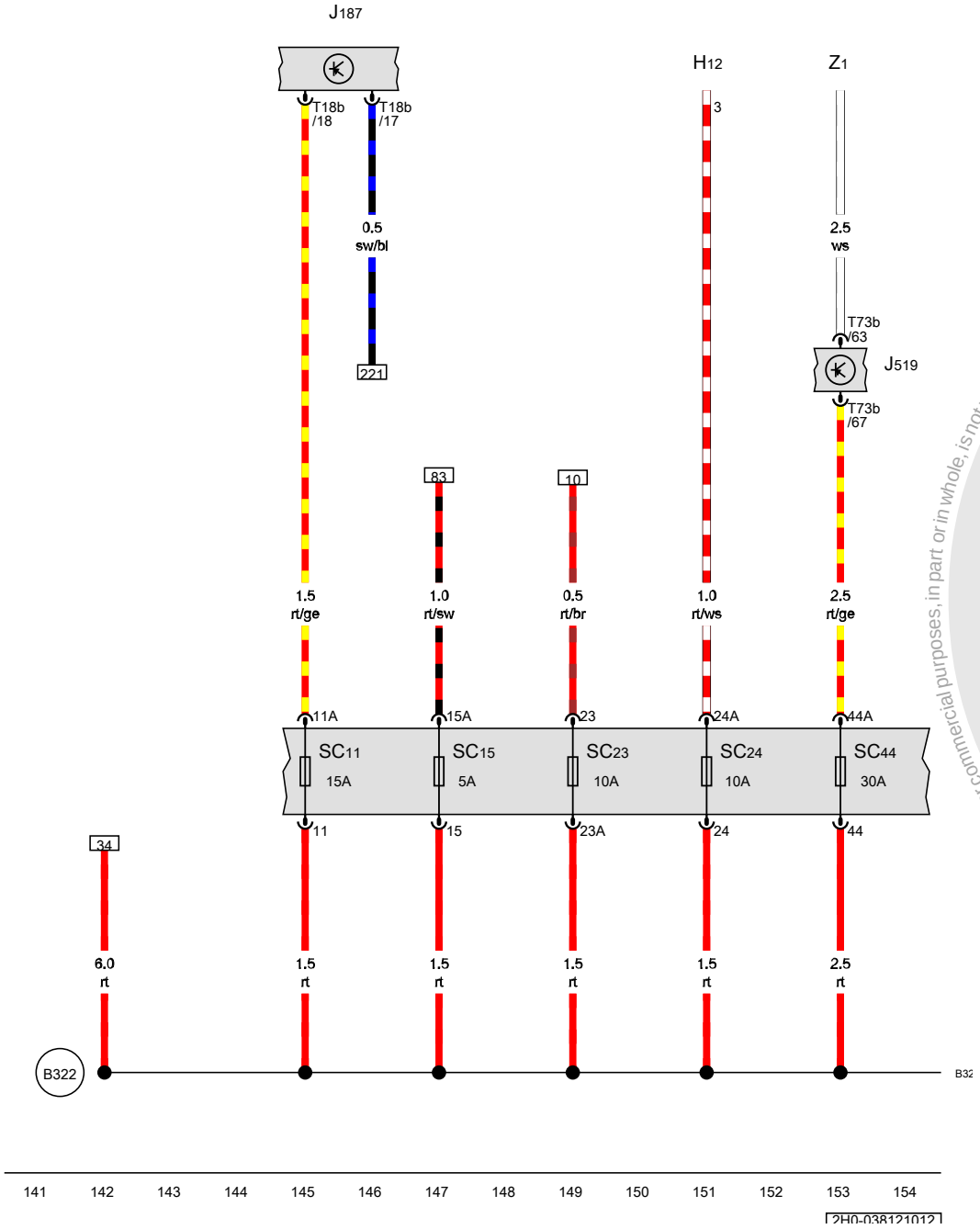

Alarm horn, Differential lock control unit, Heated rear window

H12	Alarm horn
J187	Differential lock control unit
J519	Onboard supply control unit
SC11	Fuse 11 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC23	Fuse 23 on fuse holder C
SC24	Fuse 24 on fuse holder C
SC44	Fuse 44 on fuse holder C
T18b	18-pin connector, black
T73b	73-pin connector
Z1	Heated rear window
B322	Positive connection 8 (30a) in main wiring harness

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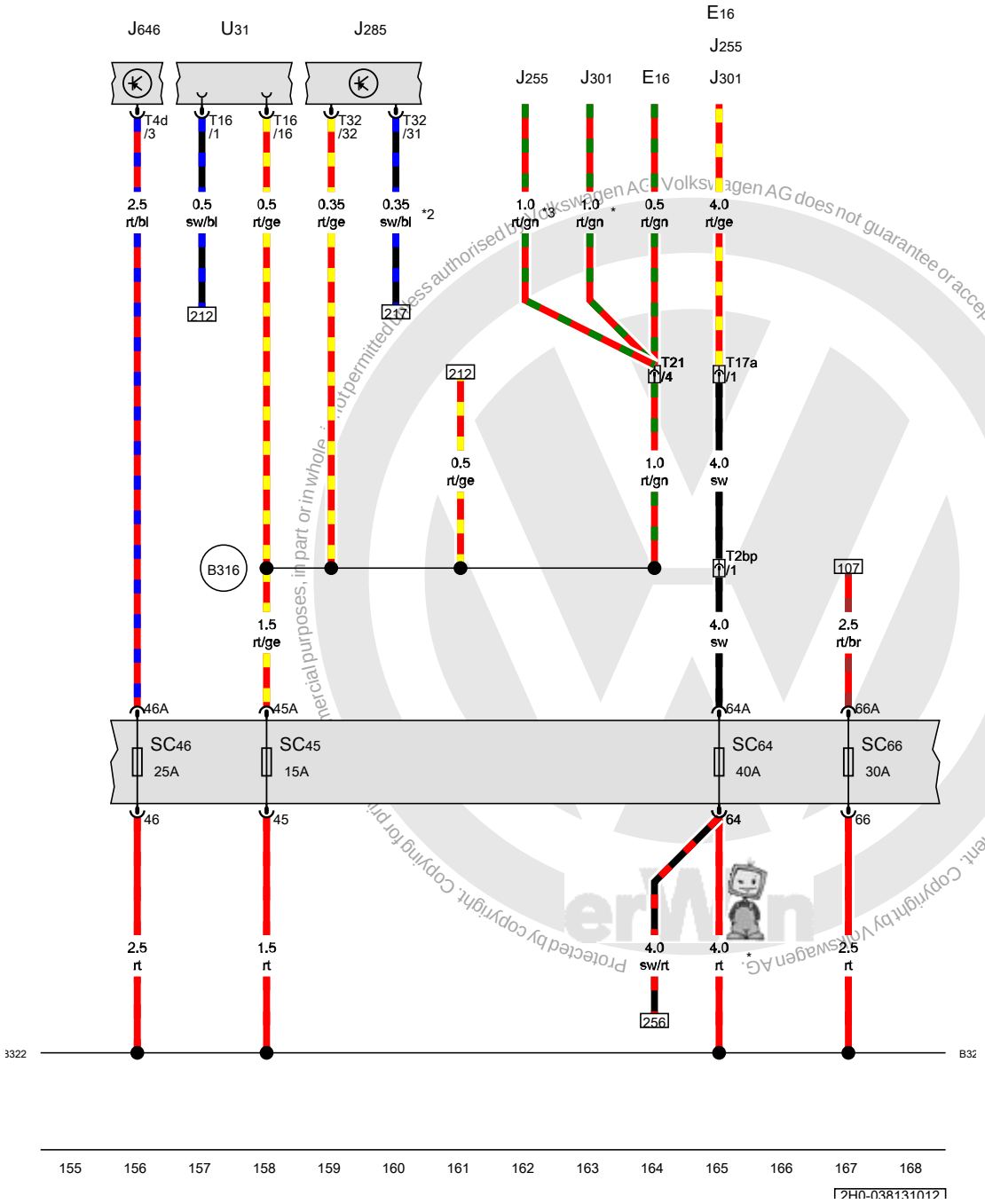

Control unit in dash panel insert, Transfer box control unit

E16	Heater/heat output switch
J255	Climatronic control unit
J285	Control unit in dash panel insert
J301	Air conditioning system control unit
J646	Transfer box control unit
SC45	Fuse 45 on fuse holder C
SC46	Fuse 46 on fuse holder C
SC64	Fuse 64 on fuse holder C
SC66	Fuse 66 on fuse holder C
T2bp	2-pin connector, black
T4d	4-pin connector
T16	16-pin connector, black
T17a	17-pin connector, behind glove compartment, black
T21	21-pin connector, on relay carrier, blue
T32	32-pin connector
U31	Diagnostic connection, near driver side A-pillar
B316	Positive connection 2 (30a) in main wiring harness
B322	Positive connection 8 (30a) in main wiring harness
*	Only models with Climatic
*2	According to equipment
*3	Only models with Climatronic

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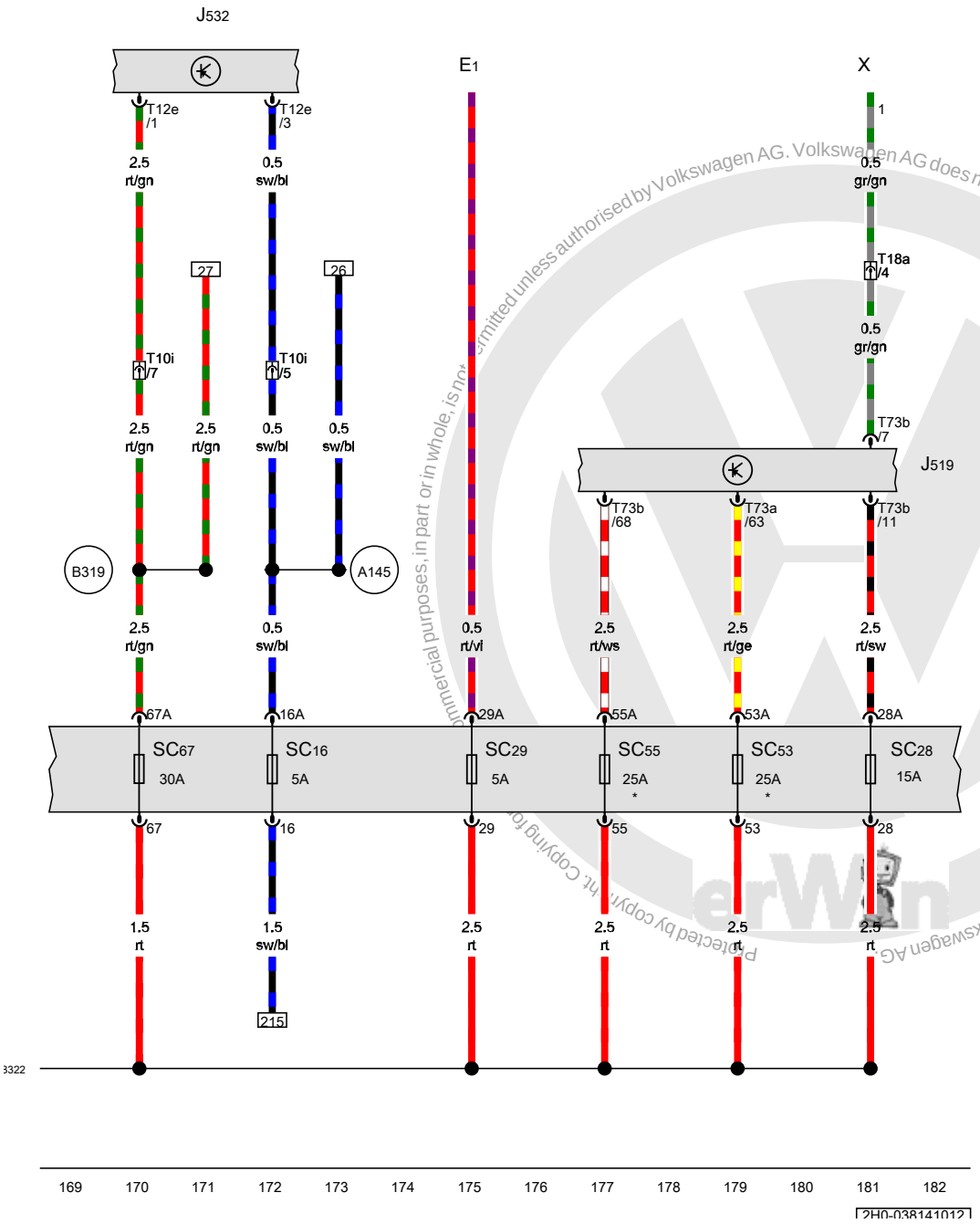

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Number plate light

E1	Light switch
J519	Onboard supply control unit
J532	Voltage stabiliser
SC16	Fuse 16 on fuse holder C
SC28	Fuse 28 on fuse holder C
SC29	Fuse 29 on fuse holder C
SC53	Fuse 53 on fuse holder C
SC55	Fuse 55 on fuse holder C
SC67	Fuse 67 on fuse holder C
T10i	10-pin connector, near battery, black
T12e	12-pin connector
T18a	18-pin connector, near engine control unit, grey
T73a	73-pin connector
T73b	73-pin connector
X	Number plate light
A145	Positive connection 4 (15), in dash panel wiring harness
B319	Positive connection 5 (30a) in main wiring harness
B322	Positive connection 8 (30a) in main wiring harness
*	see fitting locations

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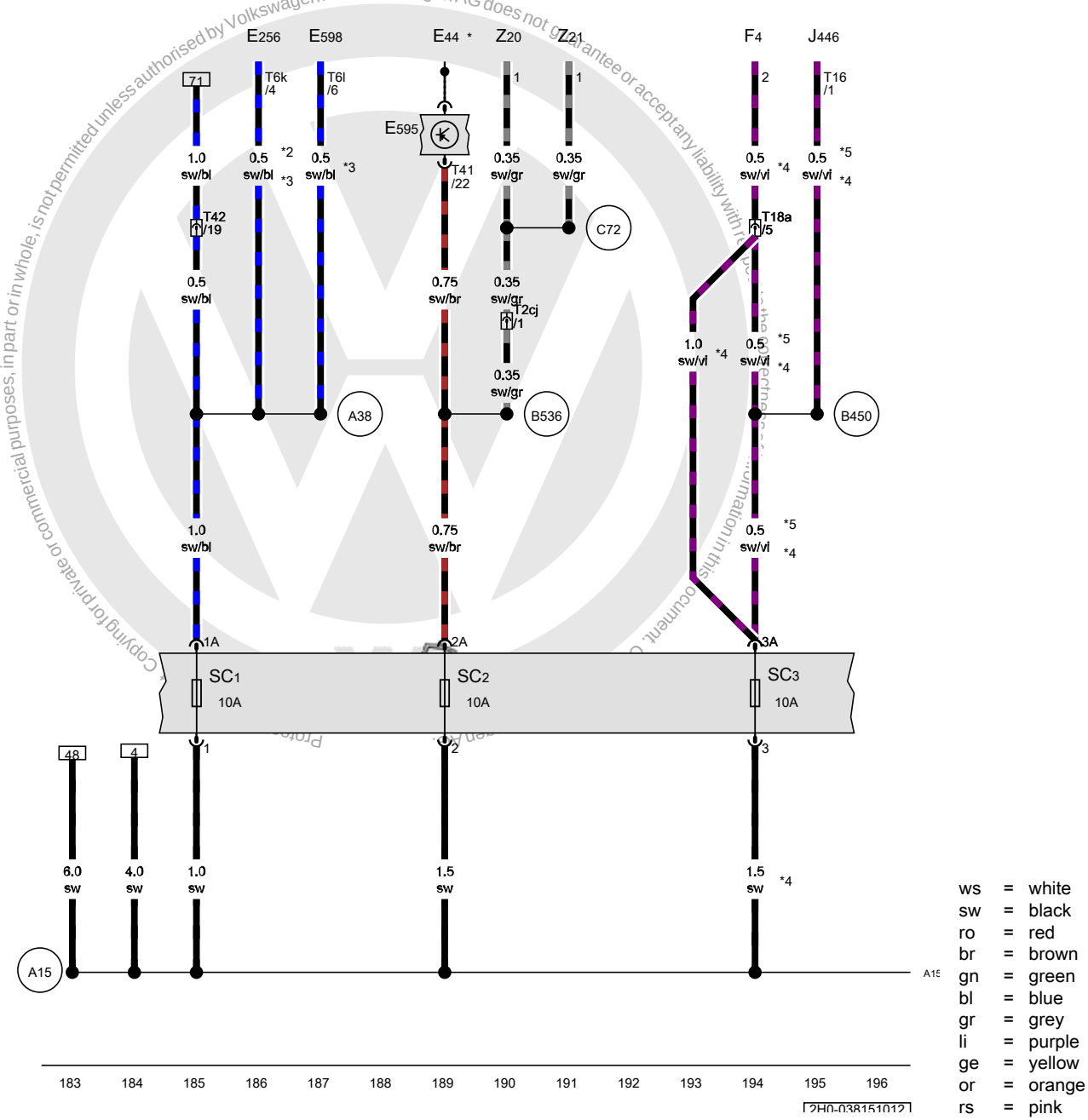

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Washer pump switch (automatic wash/wipe and headlight washer system), TCS and ESP button, Steering column combination switch, Driving program button, Reversing light switch, Parking aid control unit, Left washer jet heater element

E44	Washer pump switch (automatic wash/wipe and headlight washer system)
E256	TCS and ESP button
E595	Steering column combination switch
E598	Driving program button
F4	Reversing light switch
J446	Parking aid control unit
SC1	Fuse 1 on fuse holder C
SC2	Fuse 2 on fuse holder C
SC3	Fuse 3 on fuse holder C
T2cj	2-pin connector, near window wiper motor, black
T6k	6-pin connector
T6l	6-pin connector
T16	16-pin connector
T18a	18-pin connector, near engine control unit, grey
T41	41-pin connector
T42	42-pin connector, black
Z20	Left washer jet heater element
Z21	Right washer jet heater element
A15	Positive connection (15), in instrument wiring harness
A38	Positive connection 2 (15a) in dash panel wiring harness
B450	Connection 1 (PDC), in main wiring harness
B536	Connection 27, in main wiring harness
C72	Positive connection in heated washer jet wiring harness
*	see applicable current flow diagram for basic equipment
*2	Only models with anti-lock brake system (ABS), traction control system (TCS) and electronic differential lock (EDL)
*3	with auxiliary drive (part time)
*4	Only models with manual gearbox
*5	Only models with parking aid (PDC)

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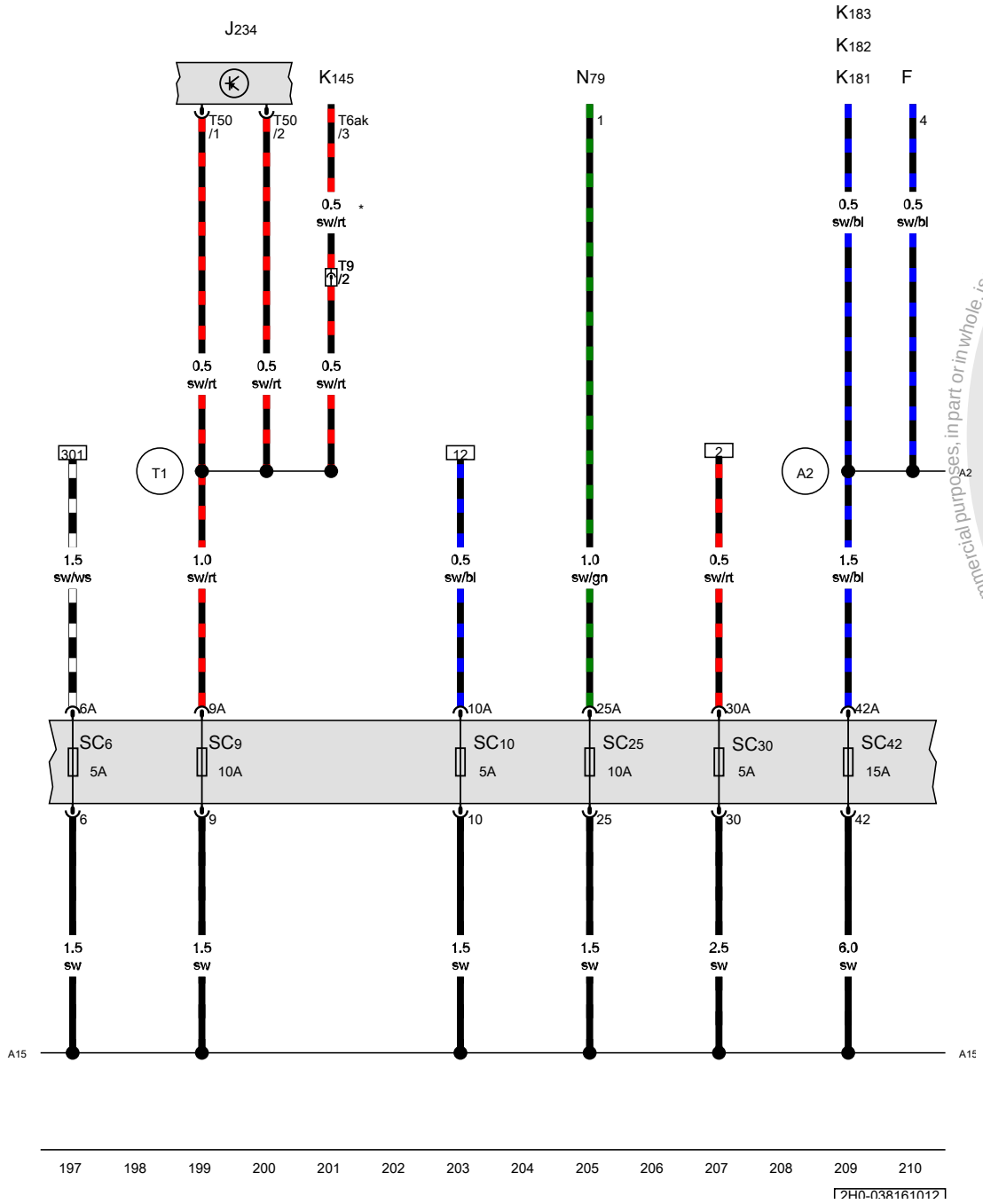

Brake light switch, Airbag control unit, Front passenger side airbag deactivated warning lamp, Normal operation warning lamp in transfer box operating unit, Heater element for crankcase breather, Fuse 42 on fuse holder C

F	Brake light switch
J234	Airbag control unit
K145	Front passenger side airbag deactivated warning lamp
K181	Normal operation warning lamp in transfer box operating unit
K182	Reduction gearing warning lamp in transfer box operating unit
K183	Inter-axle lock-up warning lamp in transfer box operating unit
N79	Heater element for crankcase breather
SC6	Fuse 6 on fuse holder C
SC9	Fuse 9 on fuse holder C
SC10	Fuse 10 on fuse holder C
SC25	Fuse 25 on fuse holder C
SC30	Fuse 30 on fuse holder C
SC42	Fuse 42 on fuse holder C
T6ak	6-pin connector
T9	9-pin connector, on relay carrier
T50	50-pin connector
A2	Positive connection (15), in dash panel wiring harness
A15	Positive connection (15), in instrument wiring harness
T1	Positive connection 1, in airbag wiring harness
*	Only models with key operated switch to deactivate front passenger airbag

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sw	=	black
ro	=	red
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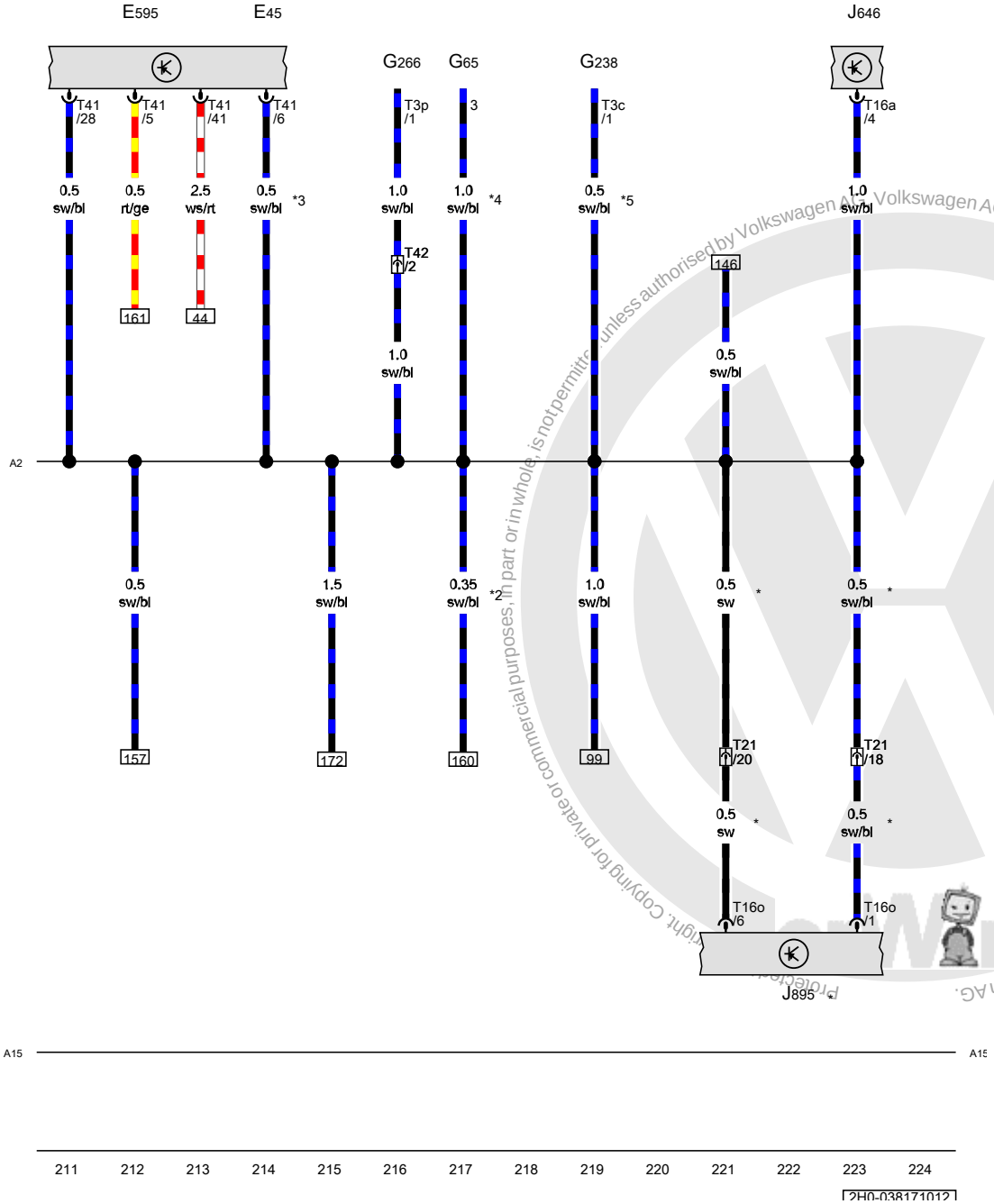

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Steering column combination switch, Oil level and oil temperature sender, Transfer box control unit, Control unit for vehicle location system

E45	Cruise control system switch
E595	Steering column combination switch
G65	High-pressure sender
G238	Air quality sensor
G266	Oil level and oil temperature sender
J646	Transfer box control unit
J895	Control unit for vehicle location system
T3c	3-pin connector
T3p	3-pin connector
T16a	16-pin connector
T16o	16-pin connector
T21	21-pin connector, on relay carrier, blue
T41	41-pin connector, grey
T42	42-pin connector, black
A2	Positive connection (15), in dash panel wiring harness
A15	Positive connection (15), in instrument wiring harness
*	Only left-hand drive models
*2	According to equipment
*3	Only models with cruise control system (CCS)
*4	Only models with air conditioning system/ Climatronic
*5	Only models with Climatronic

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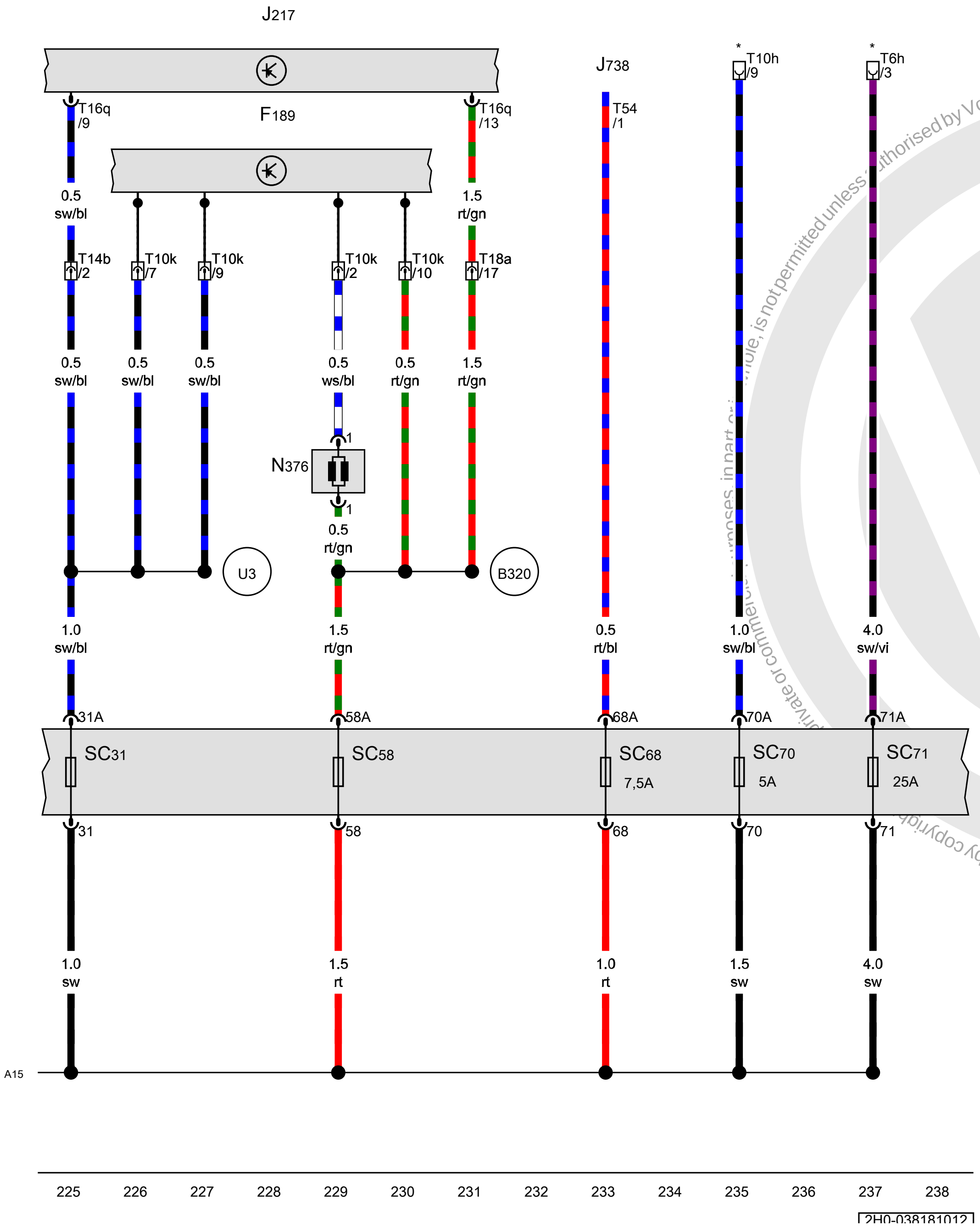

Tiptronic switch, Automatic gearbox control unit, Ignition key withdrawal lock solenoid, Fuse 70 on fuse holder C, Fuse 71 on fuse holder C, 6-pin connector, 10-pin connector

F189	Tiptronic switch
J217	Automatic gearbox control unit
J738	Telephone controls control unit
N376	Ignition key withdrawal lock solenoid
SC31	Fuse 31 on fuse holder C
SC58	Fuse 58 on fuse holder C
SC68	Fuse 68 on fuse holder C
SC70	Fuse 70 on fuse holder C
SC71	Fuse 71 on fuse holder C
T6h	6-pin connector, in left footwell, near centre console
T10h	10-pin connector, in left footwell, near centre console
T10k	10-pin connector, in centre console, on selector lever bracket, black
T14b	14-pin connector, black
T16q	16-pin connector, black
T18a	18-pin connector, near engine control unit, grey
T54	54-pin connector
A15	Positive connection (15), in instrument wiring harness
B320	Positive connection 6 (30a) in main wiring harness
U3	Connection 1, in automatic gearbox wiring harness
*	Only models with electric interface for external use

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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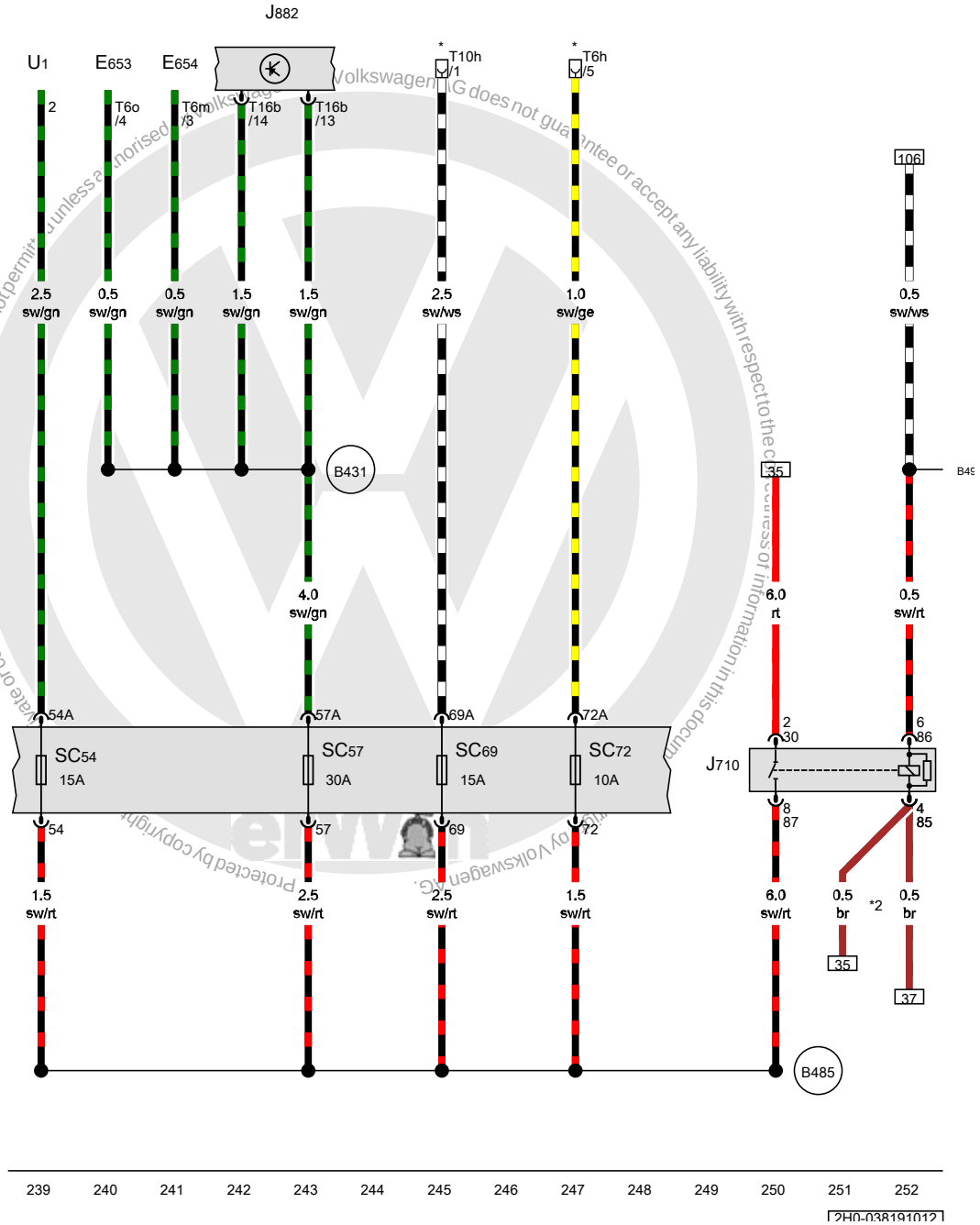

Button for left seat heating, Button for right seat heating, Voltage supply relay 2, Seat heating control unit, 10-pin connector, Cigarette lighter

E653	Button for left seat heating
E654	Button for right seat heating
J710	Voltage supply relay 2
J882	Seat heating control unit
SC54	Fuse 54 on fuse holder C
SC57	Fuse 57 on fuse holder C
SC69	Fuse 69 on fuse holder C
SC72	Fuse 72 on fuse holder C
T6h	6-pin connector, in left footwell, near centre console
T6m	6-pin connector
T6o	6-pin connector
T10h	10-pin connector, in left footwell, near centre console
T16b	16-pin connector
U1	Cigarette lighter
B431	Connection (seat heating), in main wiring harness
B485	Connection 21, in main wiring harness
B490	Connection 26, in main wiring harness
*	Only models with electric interface for external use
*2	From November 2011

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sw	=	black
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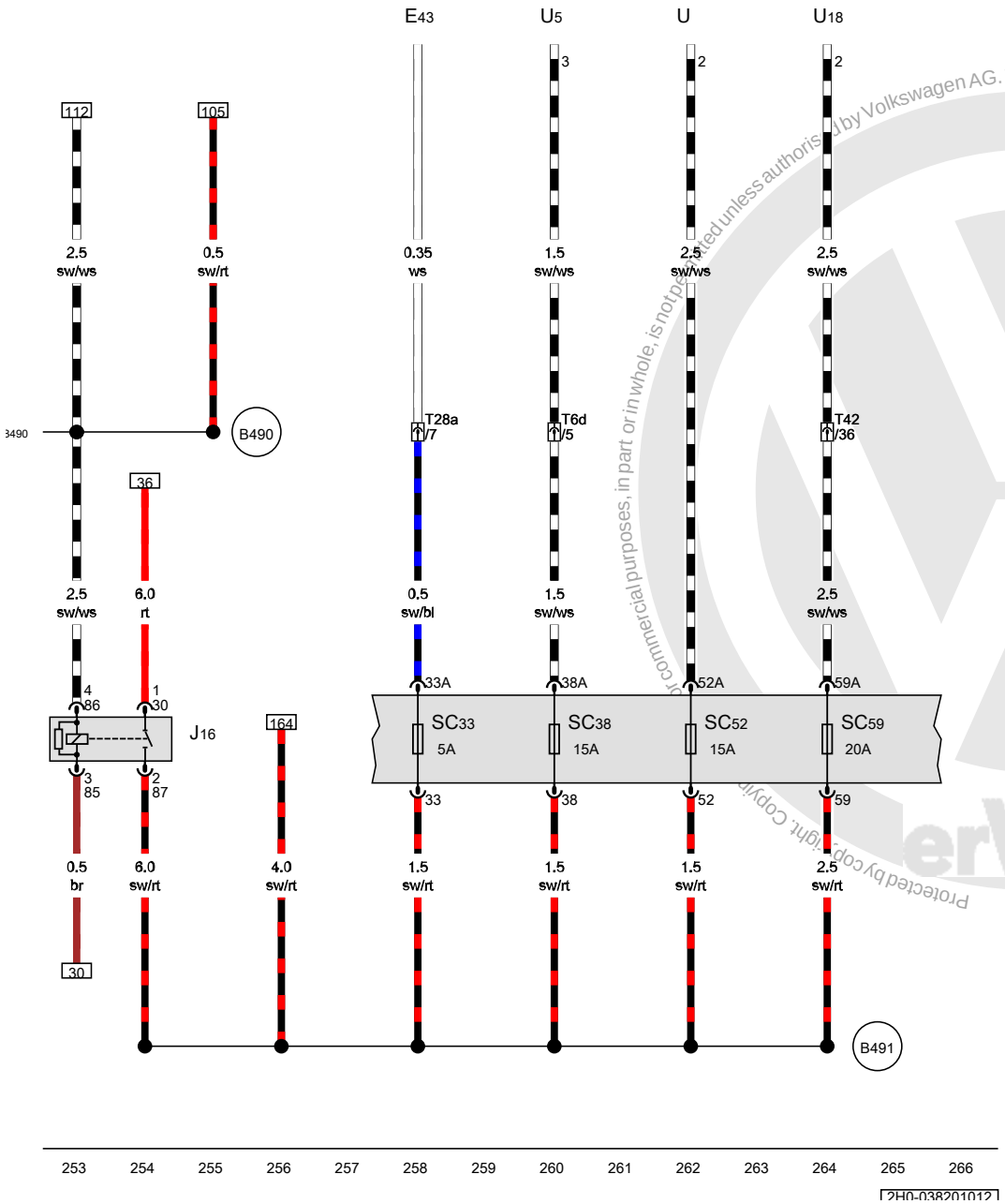
Mirror adjustment switch, Current supply relay, Electric socket, 12 V socket, 12 V socket 2

E43	Mirror adjustment switch
J16	Current supply relay
SC33	Fuse 33 on fuse holder C
SC38	Fuse 38 on fuse holder C
SC52	Fuse 52 on fuse holder C
SC59	Fuse 59 on fuse holder C
T6d	6-pin connector, on relay carrier
T28a	28-pin connector, on left A-pillar
T42	42-pin connector, black
U	Electric socket
U5	12 V socket
U18	12 V socket 2
B490	Connection 26, in main wiring harness
B491	Positive connection (75), in interior wiring harness



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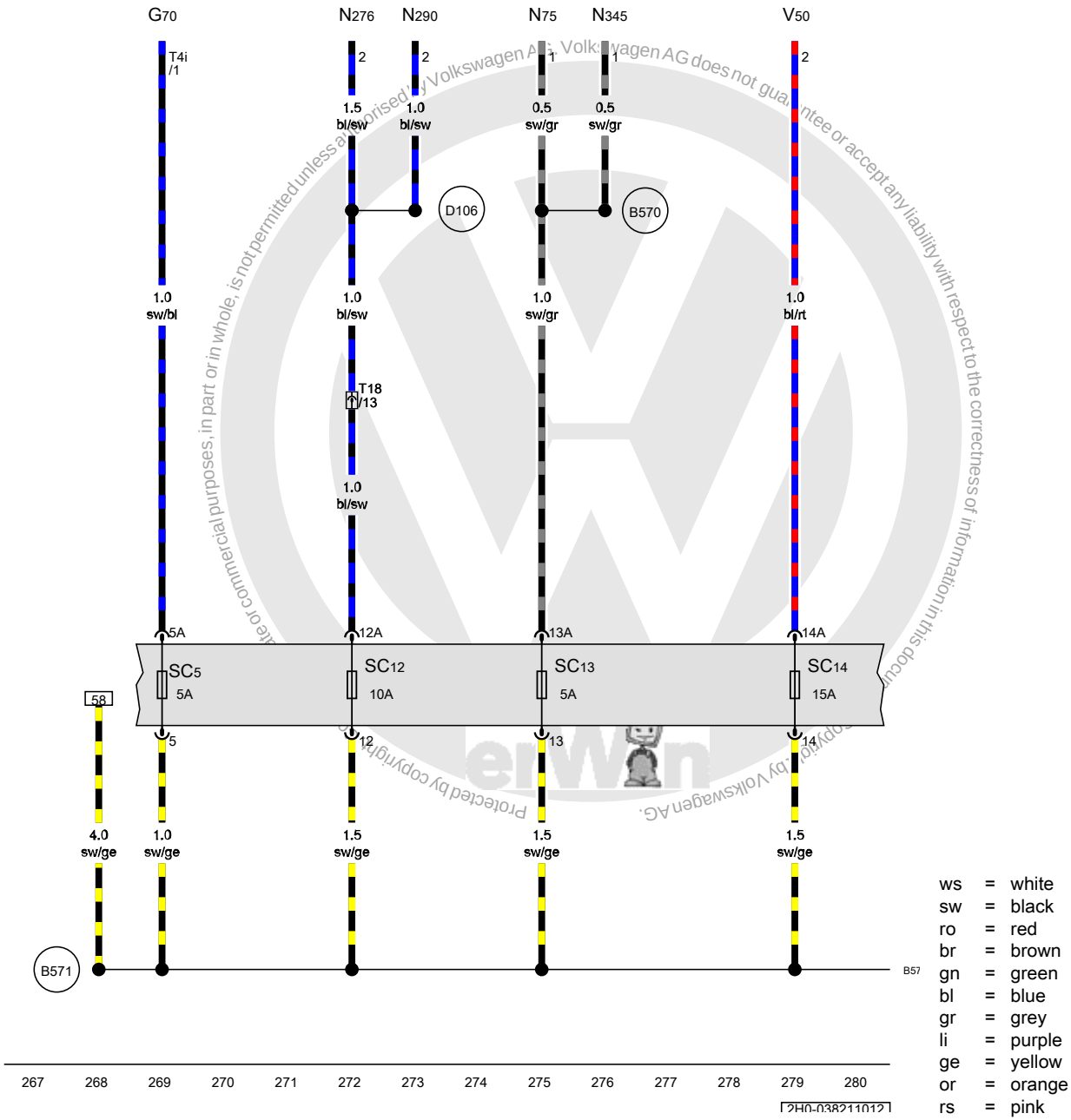

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Air mass meter, Charge pressure control solenoid valve, Fuel pressure regulating valve, Fuel metering valve, Exhaust gas recirculation cooler changeover valve, Coolant circulation pump

G70	Air mass meter
N75	Charge pressure control solenoid valve
N276	Fuel pressure regulating valve
N290	Fuel metering valve
N345	Exhaust gas recirculation cooler changeover valve
SC5	Fuse 5 on fuse holder C
SC12	Fuse 12 on fuse holder C
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
T4i	4-pin connector
T18	18-pin connector, near engine control unit, black
V50	Coolant circulation pump
B570	Connection 37, in main wiring harness
B571	Connection 38, in main wiring harness
D106	Connection 4 in engine compartment wiring harness

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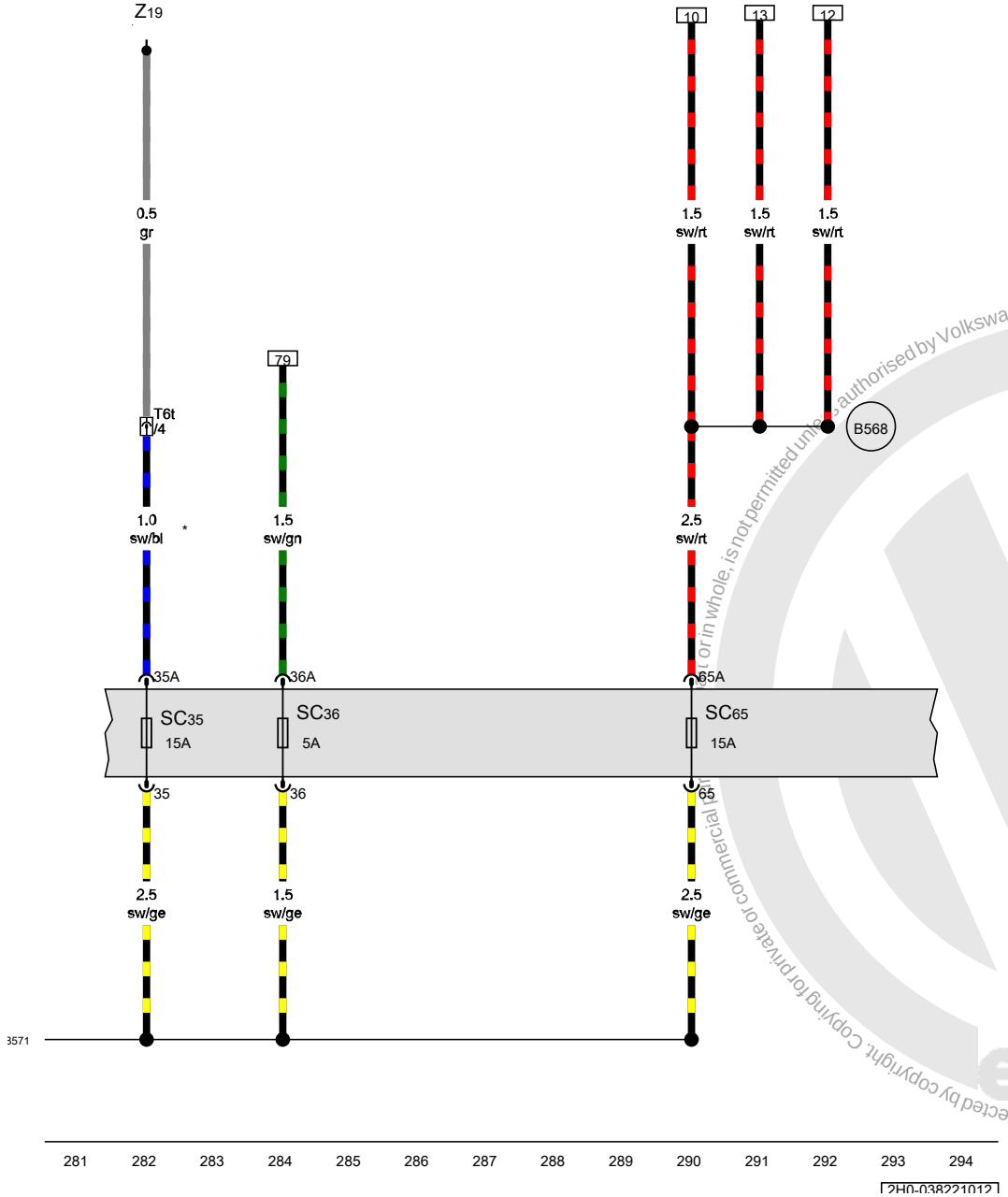
Lambda probe heater

SC35	Fuse 35 on fuse holder C
SC36	Fuse 36 on fuse holder C
SC65	Fuse 65 on fuse holder C
T6t	6-pin connector, front right in engine compartment, black
Z19	Lambda probe heater
B568	Connection 35, in main wiring harness
B571	Connection 38, in main wiring harness
*	Only models with Euro 5 emission standard



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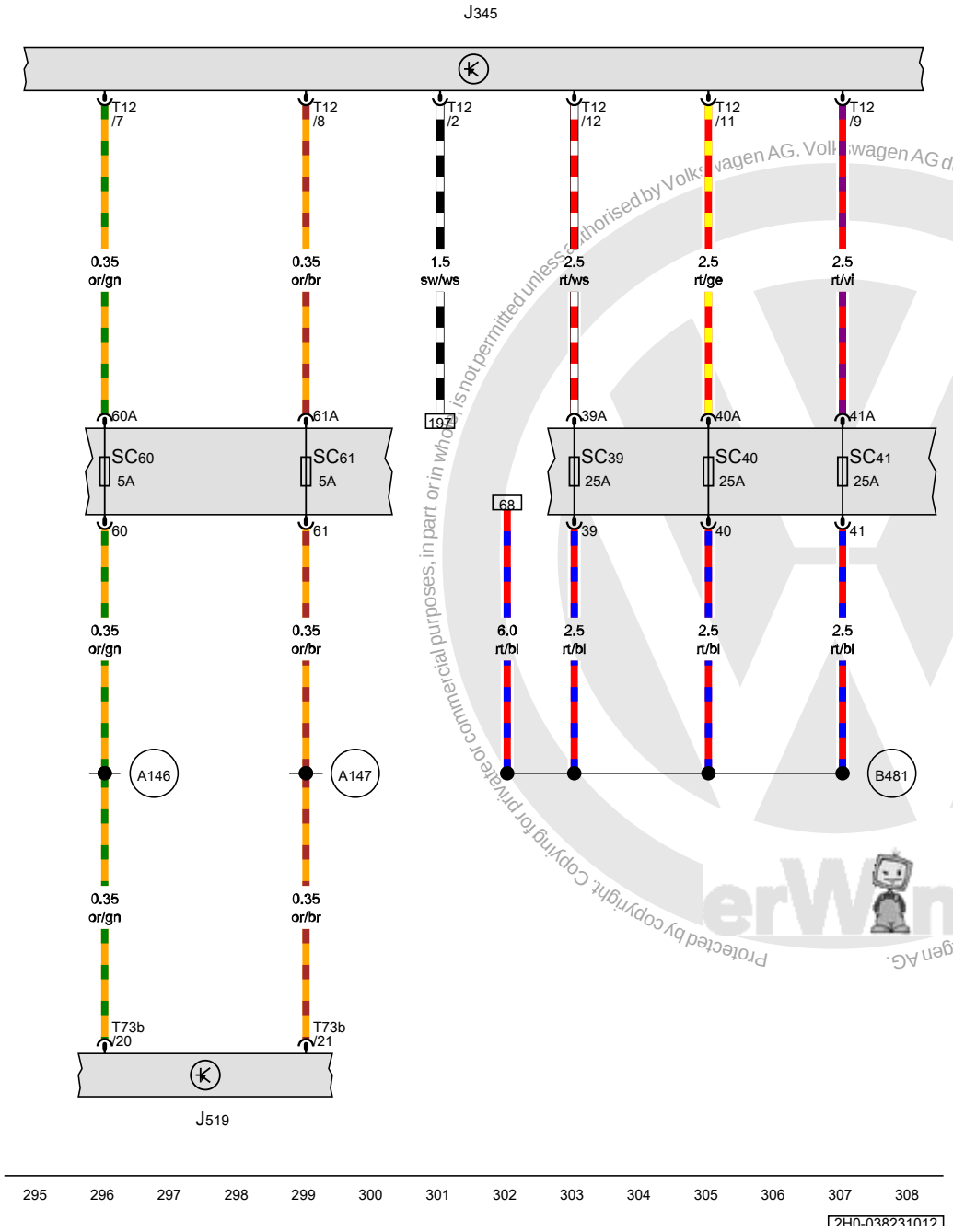

Trailer detector control unit

J345	Trailer detector control unit
J519	Onboard supply control unit
SC39	Fuse 39 on fuse holder C
SC40	Fuse 40 on fuse holder C
SC41	Fuse 41 on fuse holder C
SC60	Fuse 60 on fuse holder C
SC61	Fuse 61 on fuse holder C
T12	12-pin connector
T73b	73-pin connector
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
B481	Connection 17, in main wiring harness

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2.0l diesel engine , CDBA,(7L6)

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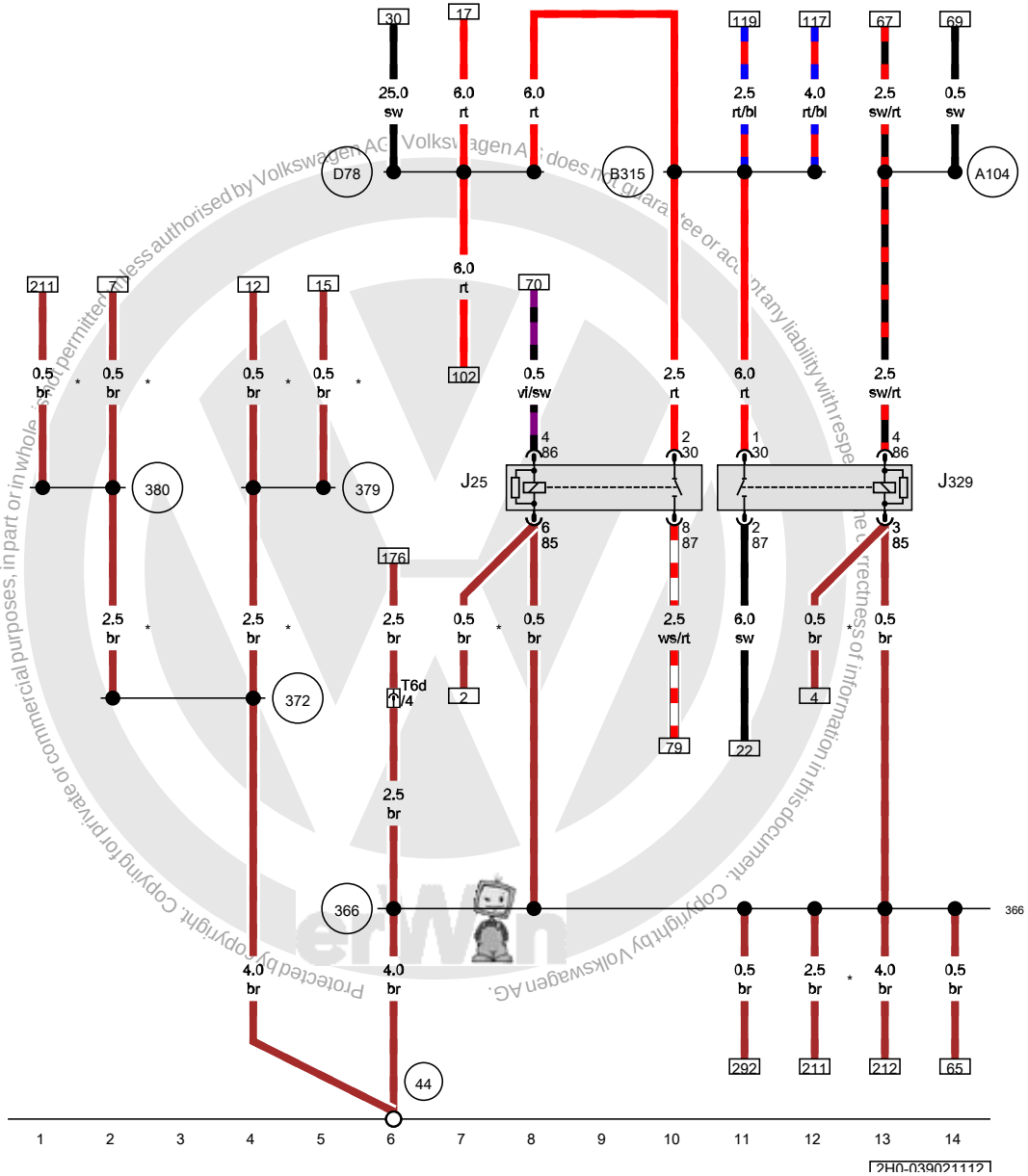

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Headlight relay, Terminal 15 voltage supply relay

J25 Headlight relay
J329 Terminal 15 voltage supply relay
T6d 6-pin connector, grey

44 Earth point, lower part of left A-pillar

366 Earth connection 1, in main wiring harness

372 Earth connection 7, in main wiring harness

379 Earth connection 14, in main wiring harness

380 Earth connection 15, in main wiring harness

A104 Positive connection 2 (15), in dash panel wiring harness

B315 Positive connection 1 (30a) in main wiring harness

D78 Positive connection 1 (30a), in engine compartment wiring harness

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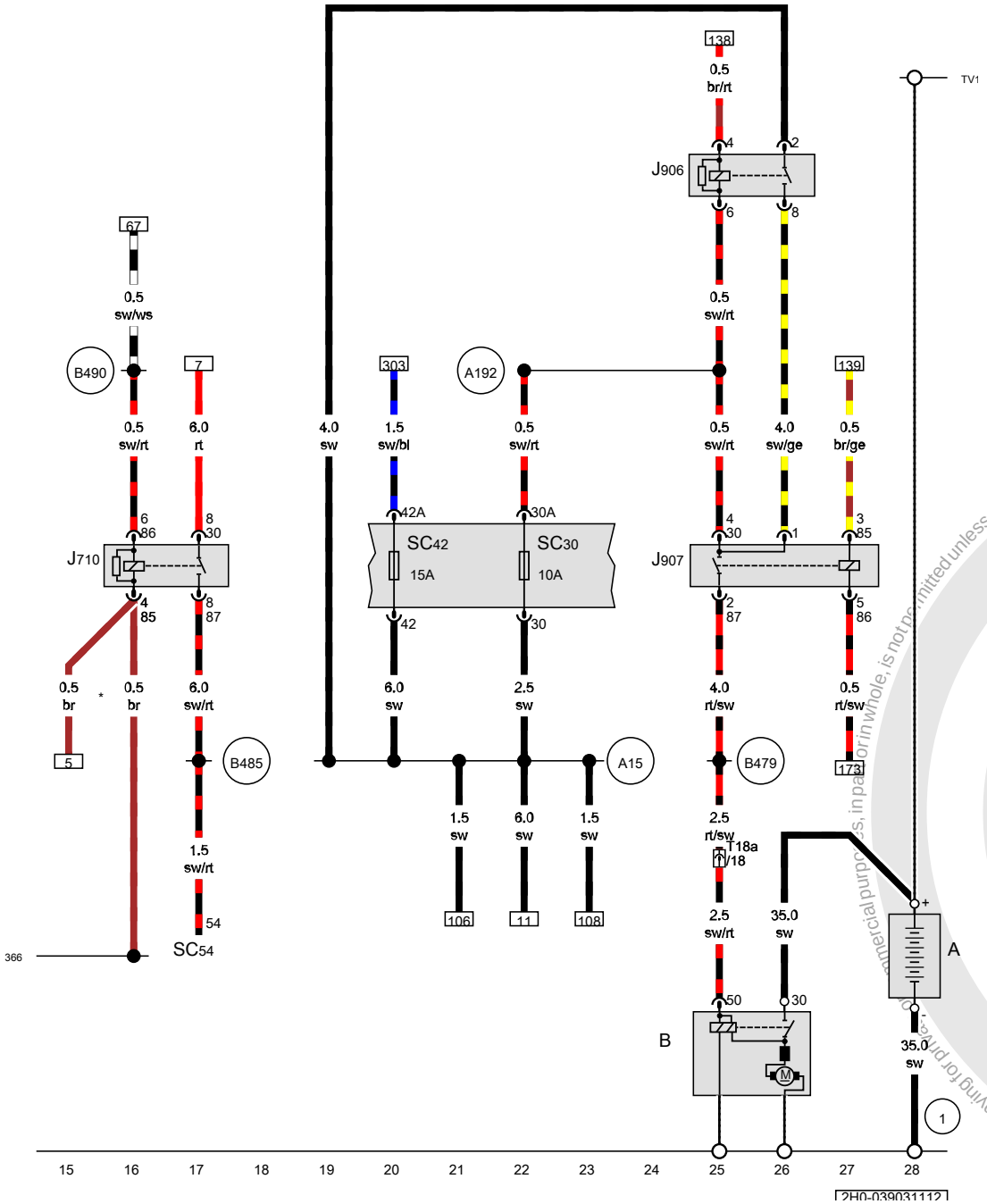

Battery, Starter, Voltage supply relay 2, Starter relay 1, Starter relay 2, Fuse 42 on fuse holder C, Fuse 54 on fuse holder C

A	Battery
B	Starter
J710	Voltage supply relay 2
J906	Starter relay 1
J907	Starter relay 2
SC30	Fuse 30 on fuse holder C
SC42	Fuse 42 on fuse holder C
SC54	Fuse 54 on fuse holder C
T18a	18-pin connector, near engine control unit, grey
1	Earth strap, battery - body
366	Earth connection 1, in main wiring harness
A15	Positive connection (15), in instrument wiring harness
A192	Positive connection 3 (15a) in dash panel wiring harness
B479	Connection 15, in main wiring harness
B485	Connection 21, in main wiring harness
B490	Connection 26, in main wiring harness
*	From November 2011

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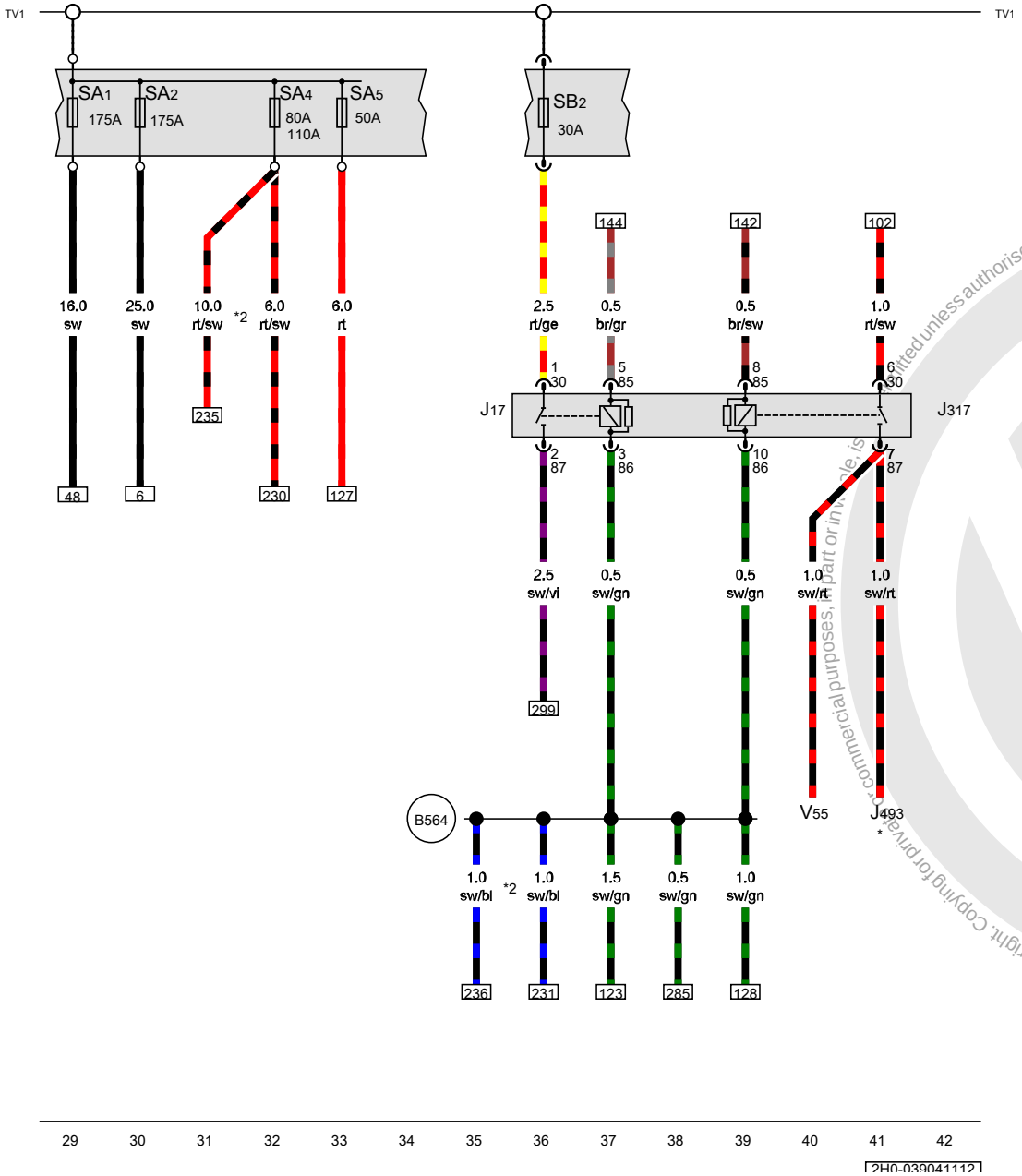
Fuel pump relay, Terminal 30 voltage supply relay, Auxiliary coolant heater relay, Fuse 1 in fuse holder A, Fuse 2 on fuse holder B, Fuse 5 in fuse holder A



J17 Fuel pump relay
J317 Terminal 30 voltage supply relay, on relay carrier
J493 Auxiliary coolant heater relay
SA1 Fuse 1 in fuse holder A
SA2 Fuse 2 in fuse holder A
SB2 Fuse 2 on fuse holder B
SA4 Fuse 4 in fuse holder A
SA5 Fuse 5 in fuse holder A
V55 Circulation pump

B564 Connection 31, in main wiring harness

* see applicable current flow diagram for air conditioning
*2 Only for countries with hot climate

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

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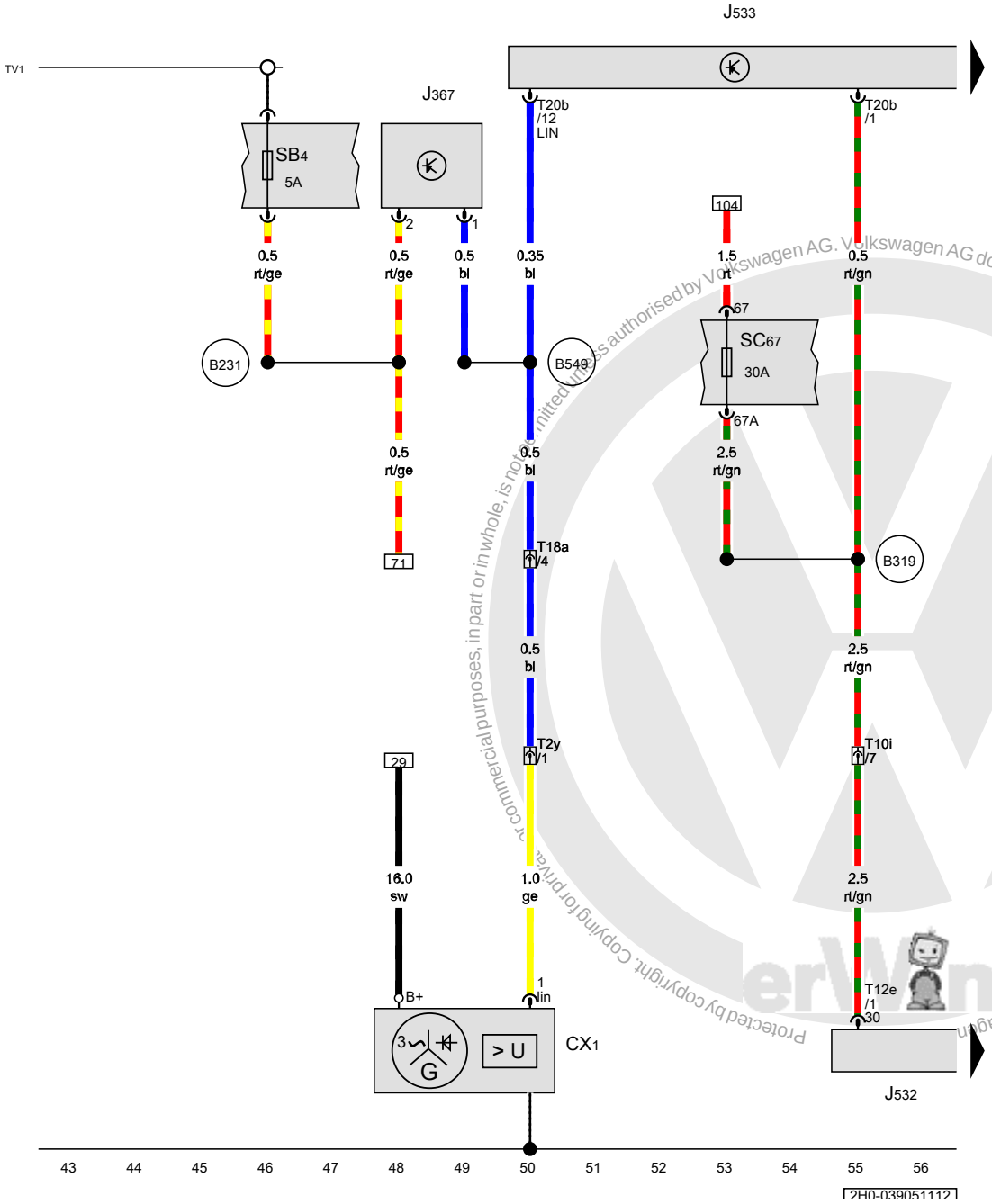

Alternator with voltage regulator, Battery monitor control unit, Voltage stabiliser, Data bus diagnostic interface, Fuse 67 on fuse holder C

CX1	Alternator with voltage regulator
J367	Battery monitor control unit
J532	Voltage stabiliser, in front left wing
J533	Data bus diagnostic interface
SB4	Fuse 4 on fuse holder B
SC67	Fuse 67 on fuse holder C
T2y	2-pin connector, black
T10i	10-pin connector, on left wheel housing, black
T12e	12-pin connector, black
T18a	18-pin connector, near engine control unit, grey
T20b	20-pin connector, black
B231	Positive connection 5 (30a), in interior wiring harness
B319	Positive connection 5 (30a) in main wiring harness
B549	Connection 2 (LIN bus) in main wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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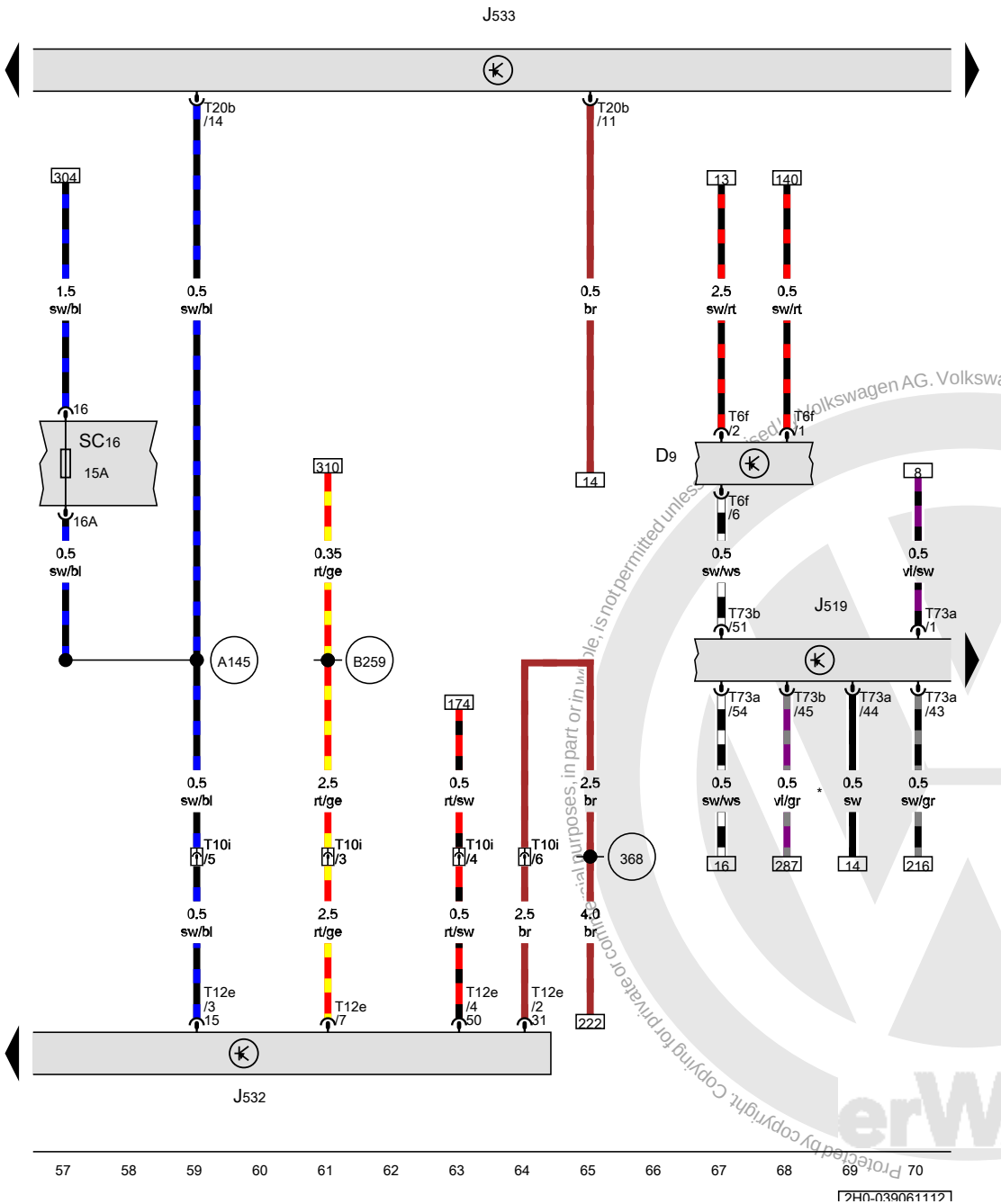

Electronic ignition lock, Onboard supply control unit, Voltage stabiliser, Data bus diagnostic interface, Fuse 16 on fuse holder C

D9	Electronic ignition lock
J519	Onboard supply control unit
J532	Voltage stabiliser, in front left wing
J533	Data bus diagnostic interface
SC16	Fuse 16 on fuse holder C
T6f	6-pin connector, black
T10i	10-pin connector, on left wheel housing, black
T12e	12-pin connector, black
T20b	20-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector
368	Earth connection 3, in main wiring harness
A145	Positive connection 4 (15), in dash panel wiring harness
B259	Connection (start/stop signal), in interior wiring harness
*	Only models with cruise control system (CCS)

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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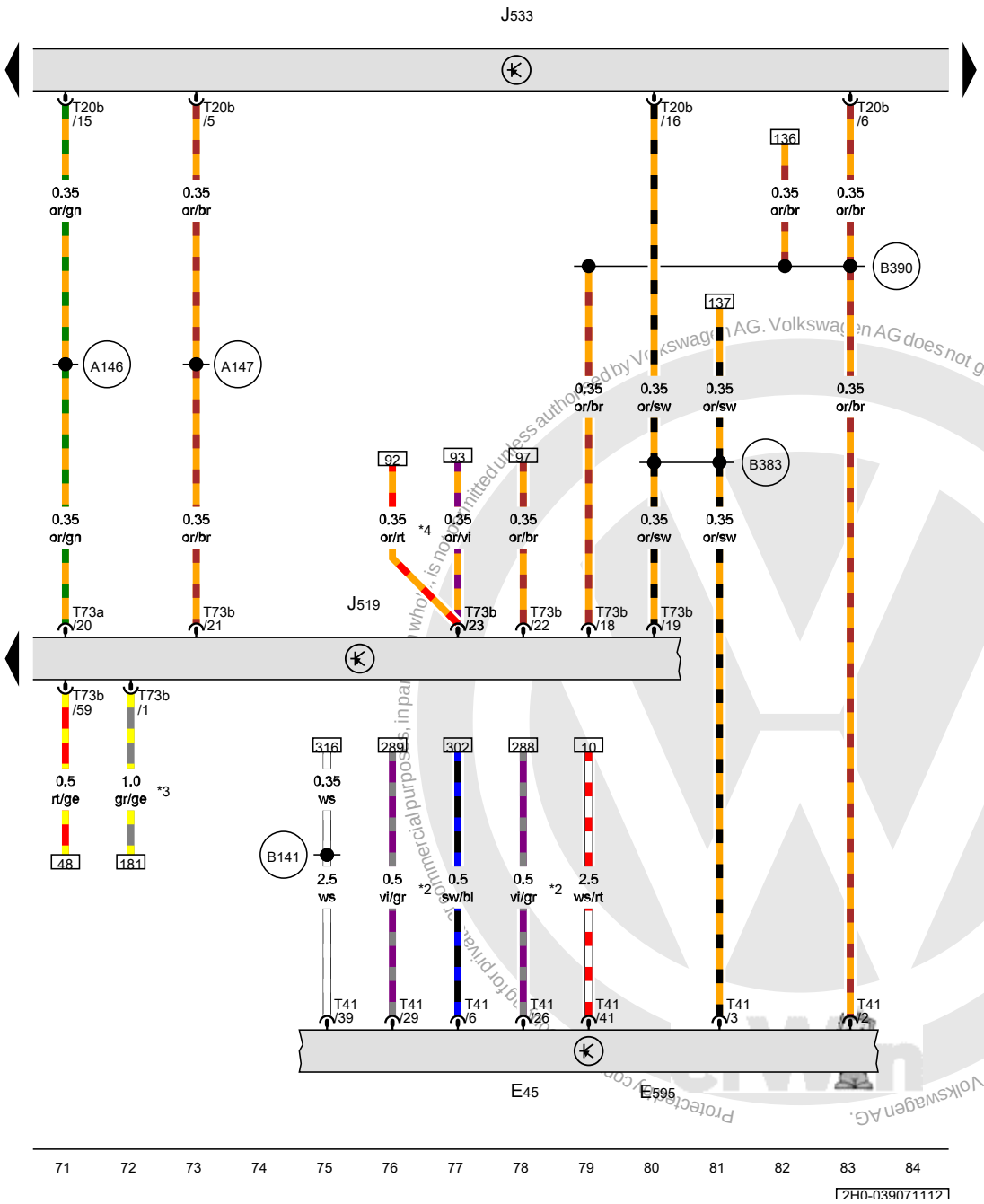

ws = white
sw = black
ro = red
br = brown
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gr = grey
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Cruise control system switch, Steering column combination switch, Onboard supply control unit, Data bus diagnostic interface

E45	Cruise control system switch
E595	Steering column combination switch
J519	Onboard supply control unit
J533	Data bus diagnostic interface
T20b	20-pin connector, black
T41	41-pin connector, grey
T73a	73-pin connector, black
T73b	73-pin connector
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
B141	Positive connection 1 (56a), in interior wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	Only models with Climatronic
*2	Only models with cruise control system (CCS)
*3	Only models with no headlight range control, see respective Current Flow Diagram headlight
*4	From July 2011

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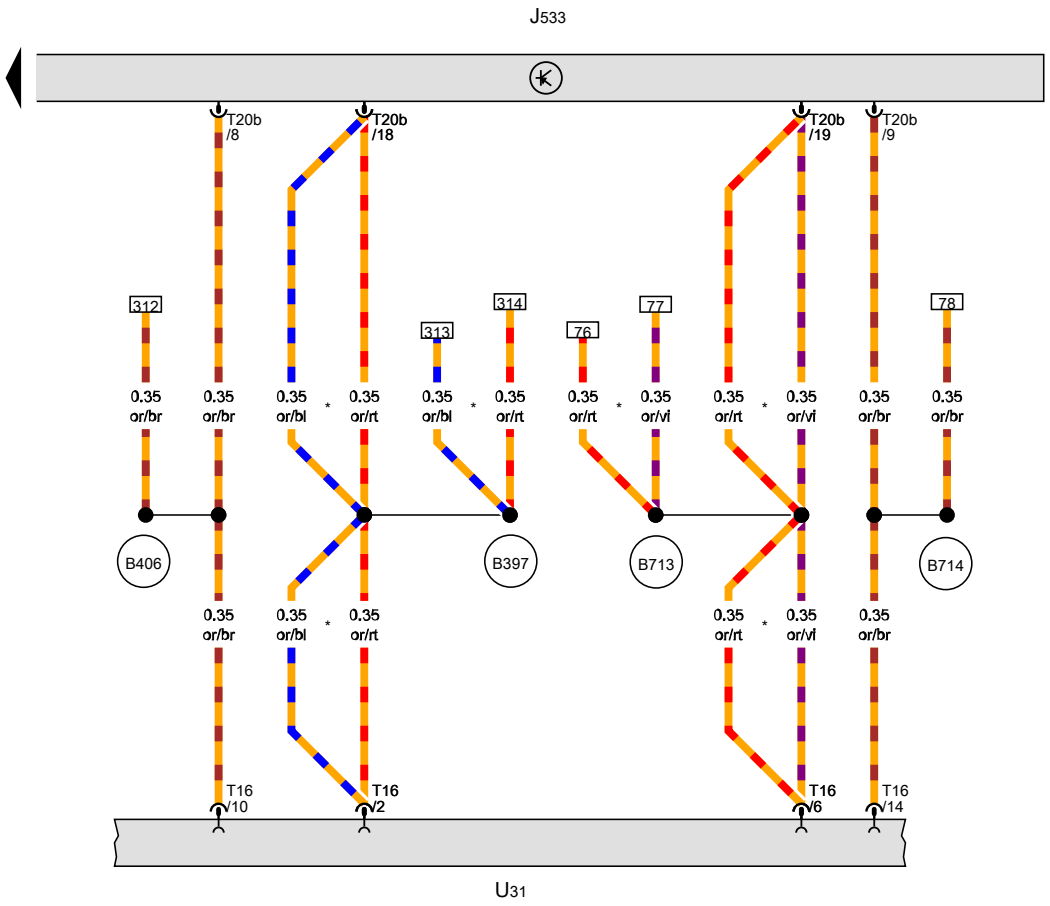

Data bus diagnostic interface, Diagnostic connection

J533	Data bus diagnostic interface
T16	16-pin connector, black
T20b	20-pin connector, black
U31	Diagnostic connection
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B713	Connection 1 (CAN bus diagnosis, high), in main wiring harness
B714	Connection 1 (CAN bus diagnosis, low), in main wiring harness
*	From July 2011

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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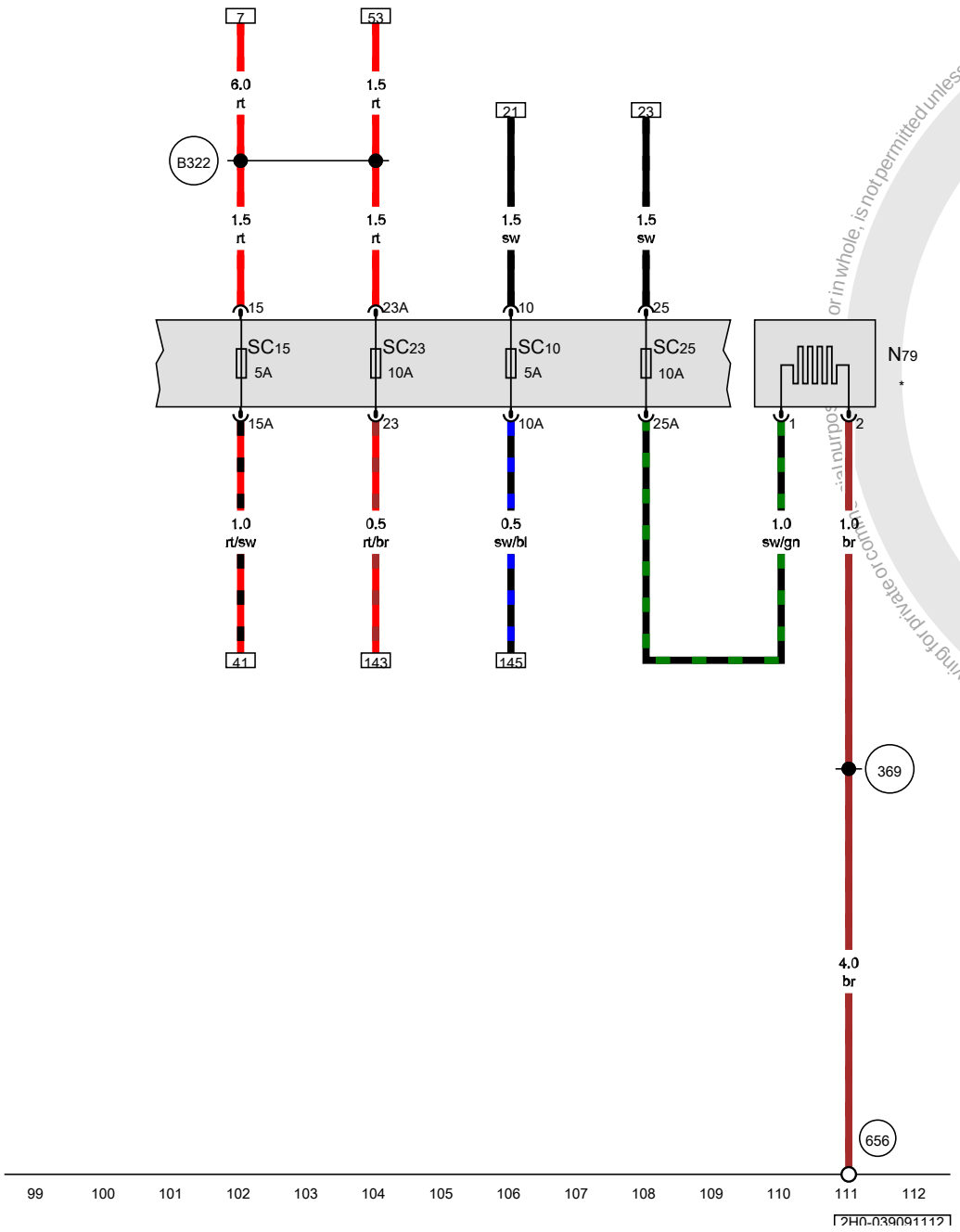

Heater element for crankcase breather, Fuse 10 on fuse holder C, Fuse 15 on fuse holder C, Fuse 23 on fuse holder C, Fuse 25 on fuse holder C

N79	Heater element for crankcase breather
SC10	Fuse 10 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC23	Fuse 23 on fuse holder C
SC25	Fuse 25 on fuse holder C
369	Earth connection 4, in main wiring harness
656	Earth point, on right headlight
B322	Positive connection 8 (30a) in main wiring harness
*	Only models with crankcase breather heater element

ws	=	white
sw	=	black
ro	=	red
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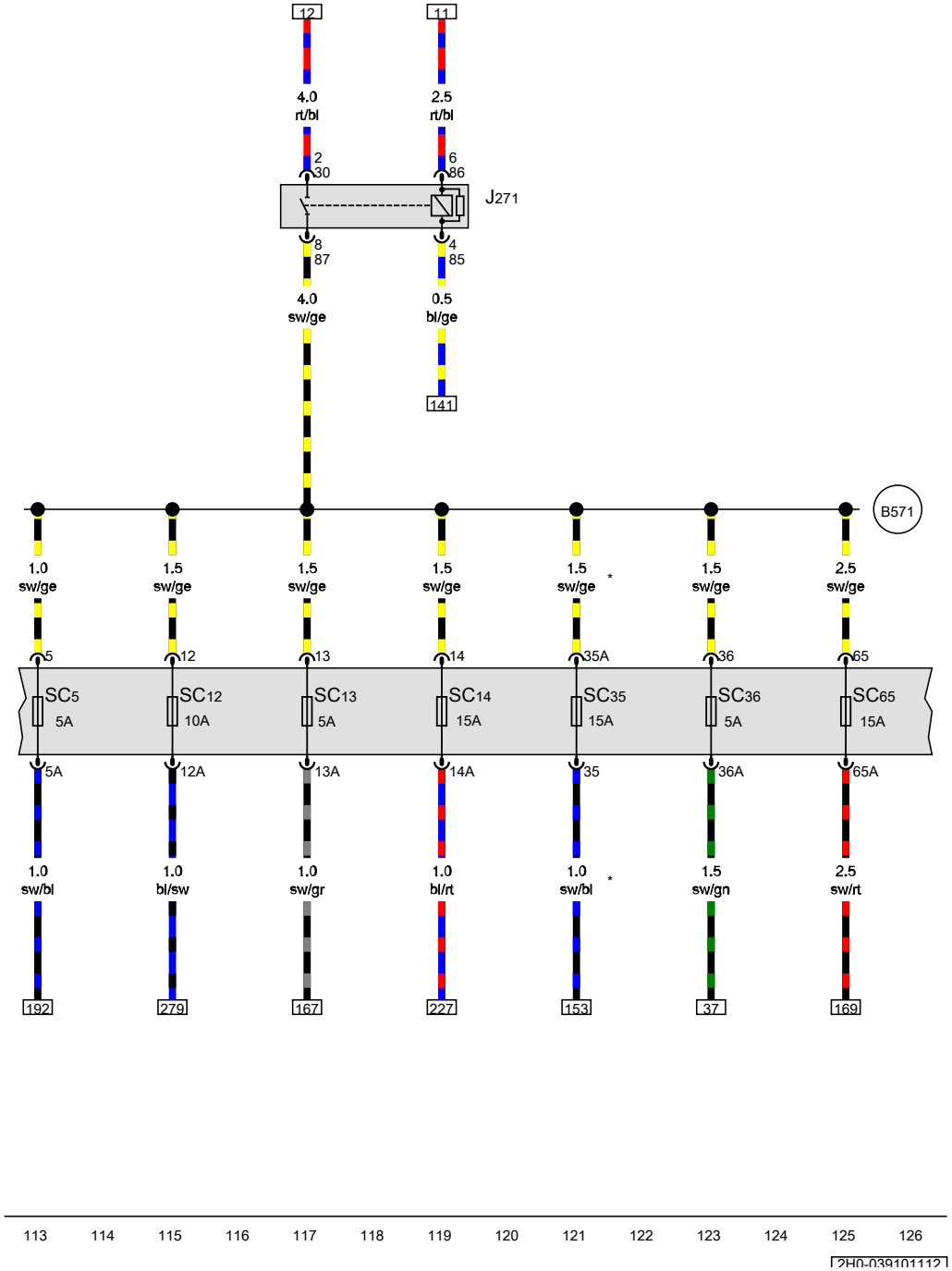

Main relay, Fuse 5 on fuse holder C, Fuse 12 on fuse holder C, Fuse 13 on fuse holder C, Fuse 14 on fuse holder C, Fuse 35 on fuse holder C, Fuse 36 on fuse holder C, Fuse 65 on fuse holder C

J271	Main relay, on relay carrier
SC5	Fuse 5 on fuse holder C
SC12	Fuse 12 on fuse holder C
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC35	Fuse 35 on fuse holder C
SC36	Fuse 36 on fuse holder C
SC65	Fuse 65 on fuse holder C
B571	Connection 38, in main wiring harness
*	Only models with Euro 5 emission standard

ws	=	white
sw	=	black
ro	=	red
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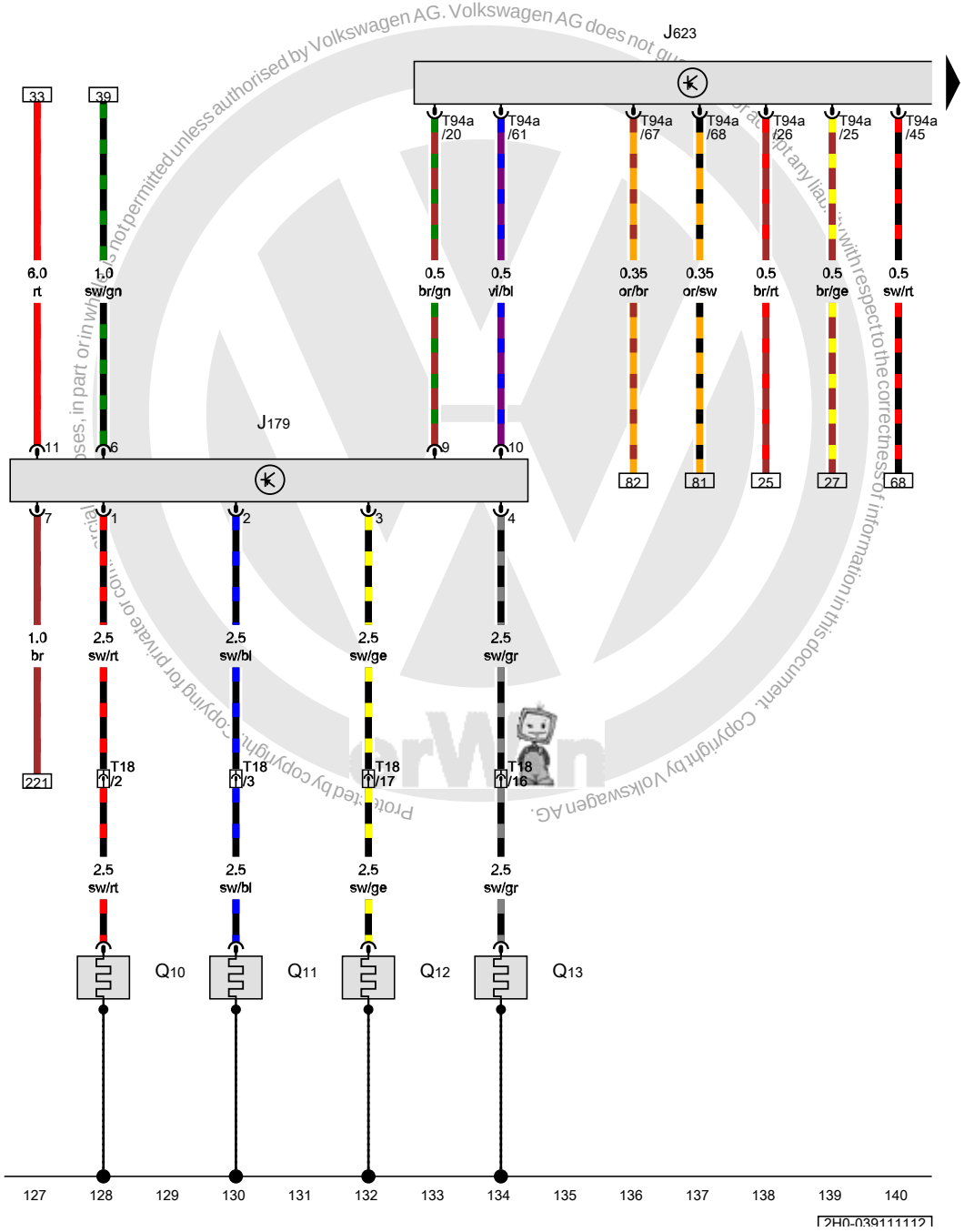

Automatic glow period control unit, Engine control unit, Glow plug 1, Glow plug 2, Glow plug 3, Glow plug 4

J179	Automatic glow period control unit
J623	Engine control unit
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
T18	18-pin connector, near engine control unit, black
T94a	94-pin connector, black

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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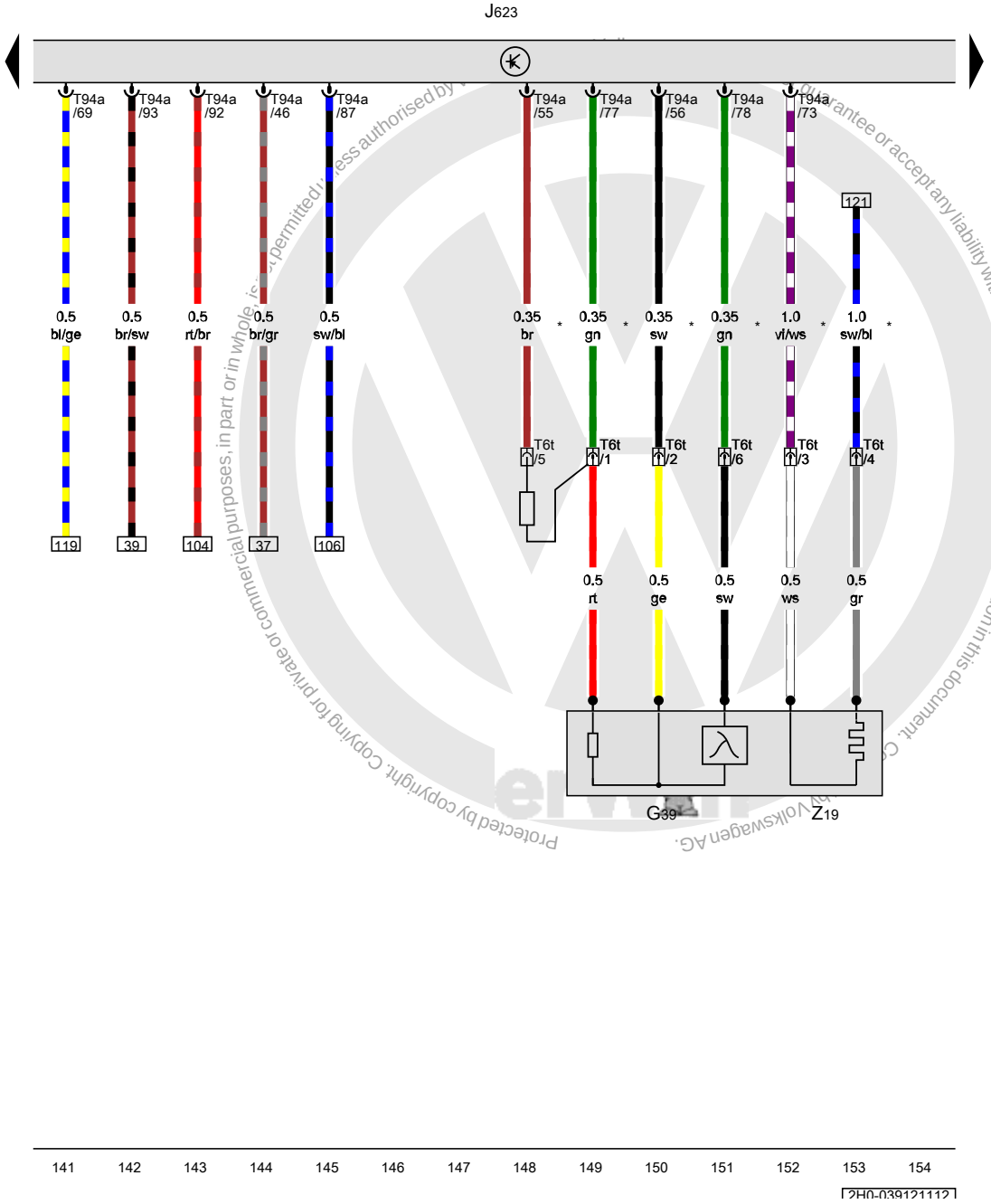

Lambda probe, Engine control unit

G39	Lambda probe
J623	Engine control unit
T6t	6-pin connector, front right in engine compartment, black
T94a	94-pin connector, black
Z19	Lambda probe heater
*	Only models with Euro 5 emission standard

ws	=	white
sw	=	black
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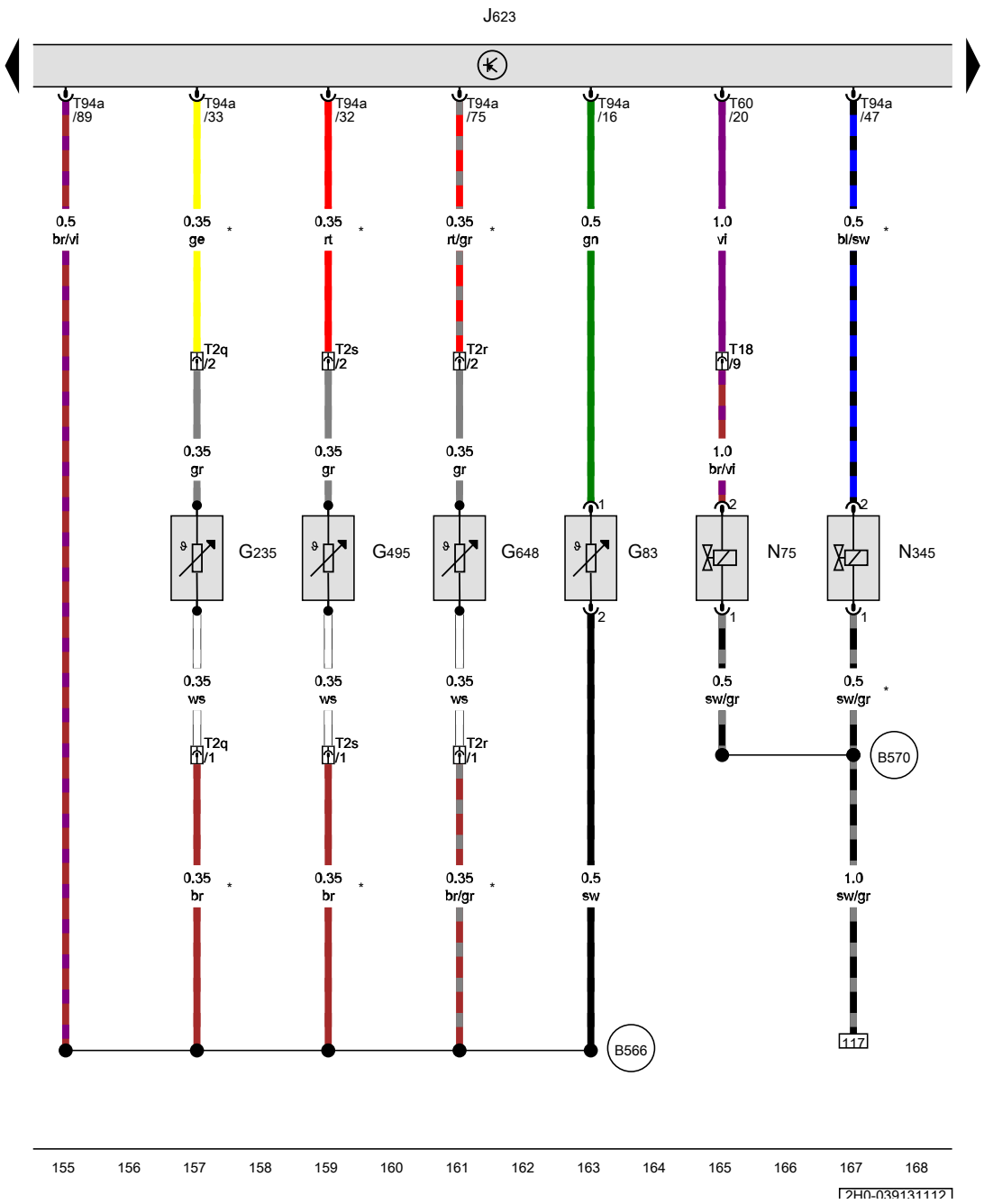

Radiator outlet coolant temperature sender, Exhaust gas temperature sender 1, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Engine control unit, Charge pressure control solenoid valve, Exhaust gas recirculation cooler changeover valve

G83	Radiator outlet coolant temperature sender
G235	Exhaust gas temperature sender 1
G495	Exhaust gas temperature sender 3
G648	Exhaust gas temperature sender 4
J623	Engine control unit
N75	Charge pressure control solenoid valve
N345	Exhaust gas recirculation cooler changeover valve
T2q	2-pin connector, black
T2r	2-pin connector, orange
T2s	2-pin connector, brown
T18	18-pin connector, near engine control unit, black
T60	60-pin connector, black
T94a	94-pin connector, black
B566	Connection 33, in main wiring harness
B570	Connection 37, in main wiring harness
*	Only models with Euro 5 emission standard

ws	=	white
sw	=	black
ro	=	red
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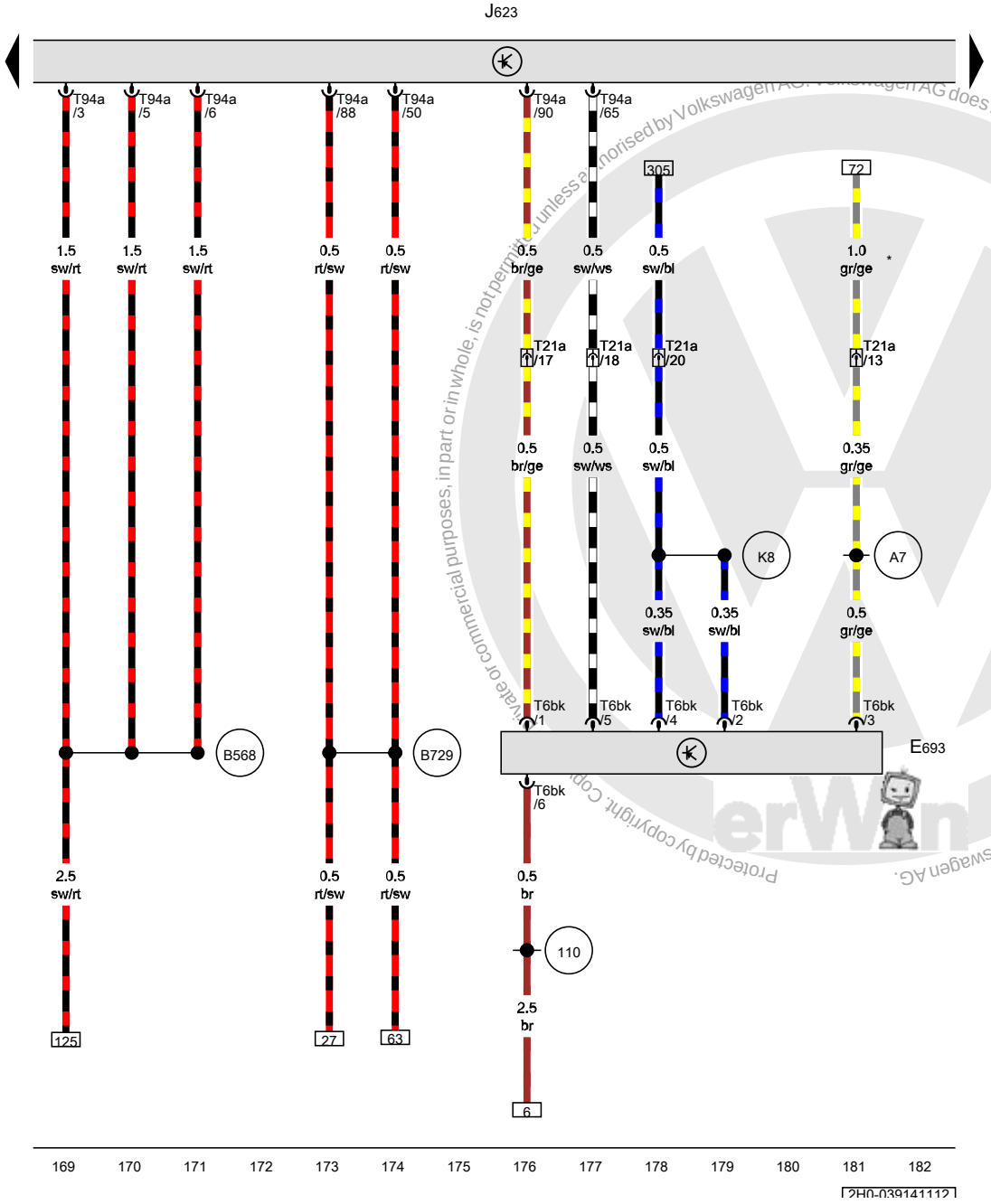

Start/Stop operation button, Engine control unit

E693	Start/Stop operation button
J623	Engine control unit
T6bk	6-pin connector, green
T21a	21-pin connector, on relay carrier, brown
T94a	94-pin connector, black
110	Earth connection 2, in dash panel wiring harness
A7	Positive connection (58 D1), in dash panel wiring harness
B568	Connection 35, in main wiring harness
B729	Connection 1 (50), in main wiring harness
K8	Connection 1, in centre console wiring harness
*	Only models with no headlight range control, see respective Current Flow Diagram headlight

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
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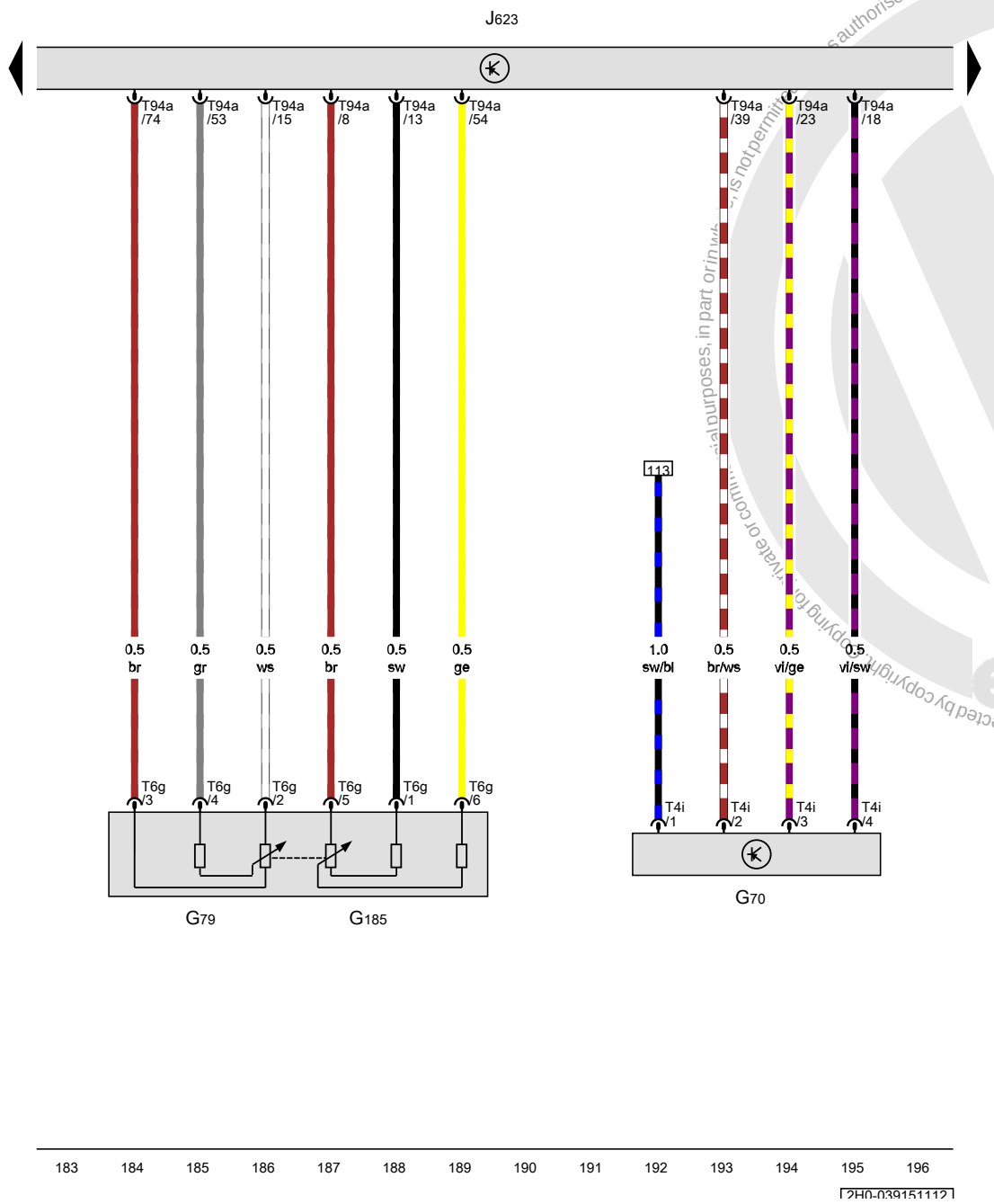
Air mass meter, Accelerator position sender, Accelerator position sender 2, Engine control unit

G70	Air mass meter
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
T4i	4-pin connector, black
T6g	6-pin connector, black
T94a	94-pin connector, black



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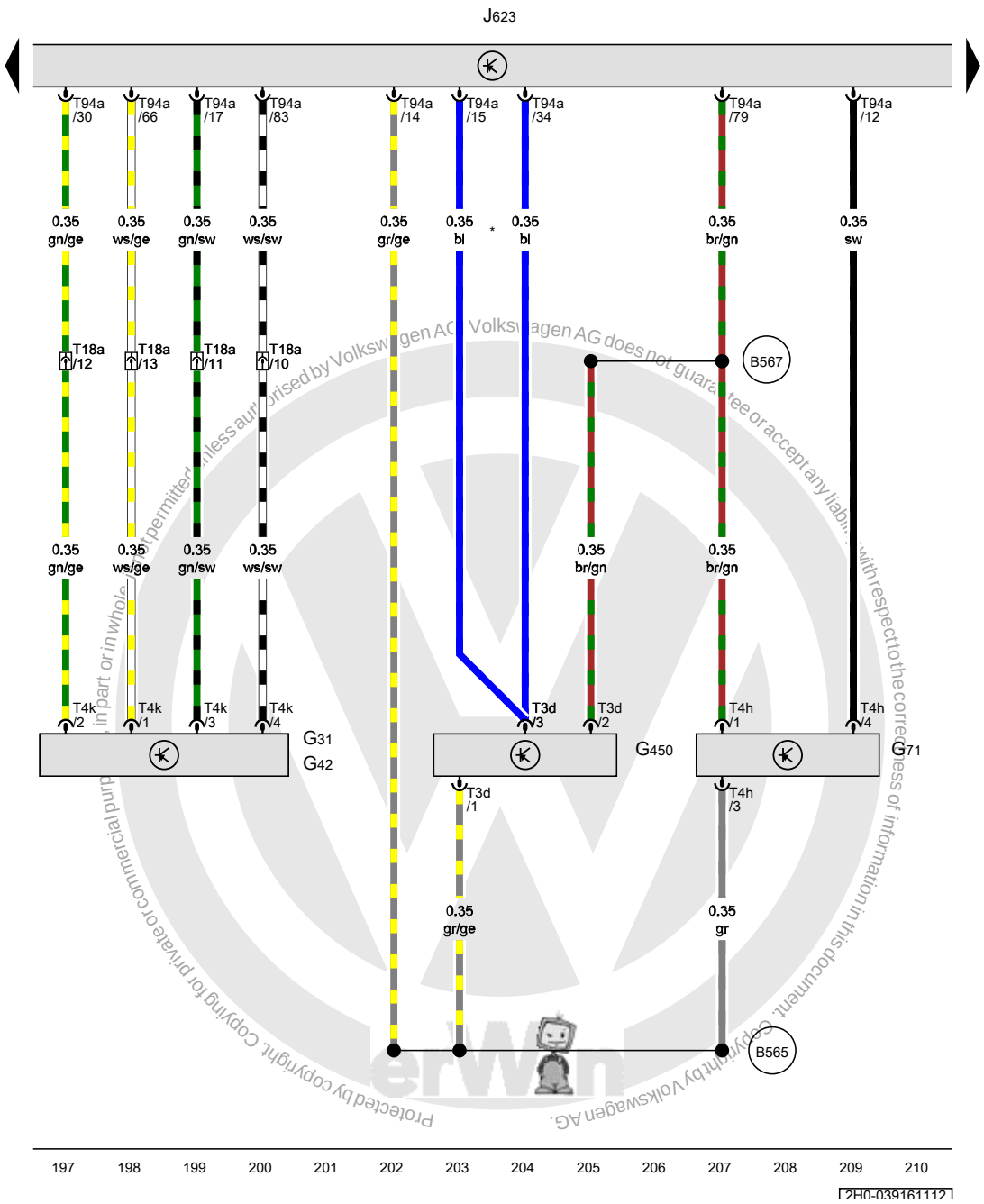

Charge pressure sender, Intake air temperature sender, Intake manifold pressure sender, Exhaust gas pressure sensor 1, Engine control unit

G31	Charge pressure sender
G42	Intake air temperature sender
G71	Intake manifold pressure sender
G450	Exhaust gas pressure sensor 1
J623	Engine control unit
T3d	3-pin connector, black
T4h	4-pin connector, black
T4k	4-pin connector, black
T18a	18-pin connector, near engine control unit, grey
T94a	94-pin connector, black
B565	Connection 32, in main wiring harness
B567	Connection 34, in main wiring harness
*	Only models with Euro 3 emission standard

ws	=	white
sw	=	black
ro	=	red
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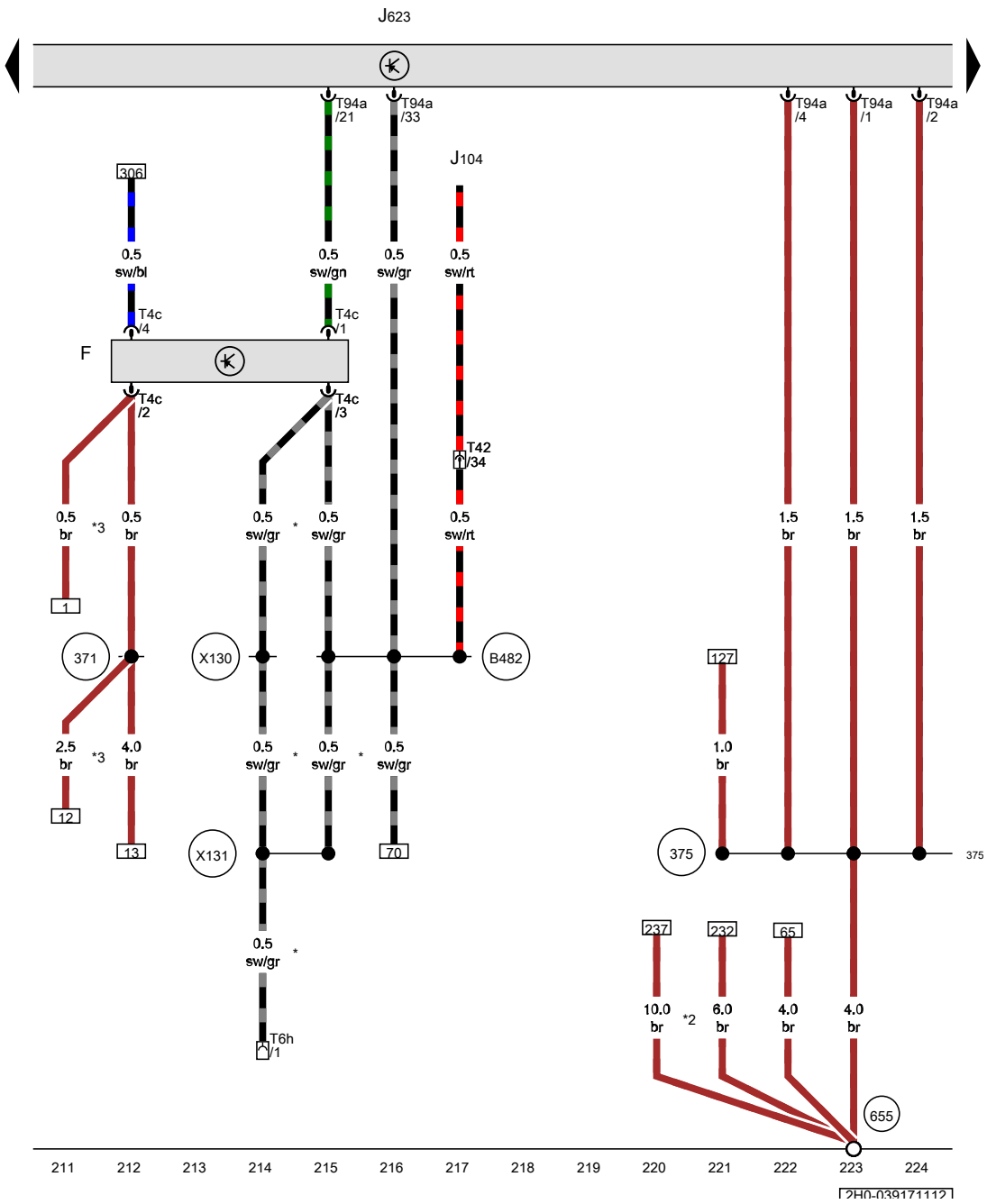

Brake light switch, Engine control unit

F	Brake light switch
J104	ABS control unit
J623	Engine control unit
T4c	4-pin connector, black
T6h	6-pin connector, in left footwell, near centre console, grey
T42	42-pin connector, near handbrake lever, black
T94a	94-pin connector, black
371	Earth connection 6, in main wiring harness
375	Earth connection 10, in main wiring harness
655	Earth point, on left headlight
B482	Connection 18, in main wiring harness
X130	Connection 3, in optional equipment wiring harness
X131	Connection 4, in optional equipment wiring harness
*	Only models with electric interface for external use
*2	Only for countries with hot climate
*3	From November 2011

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
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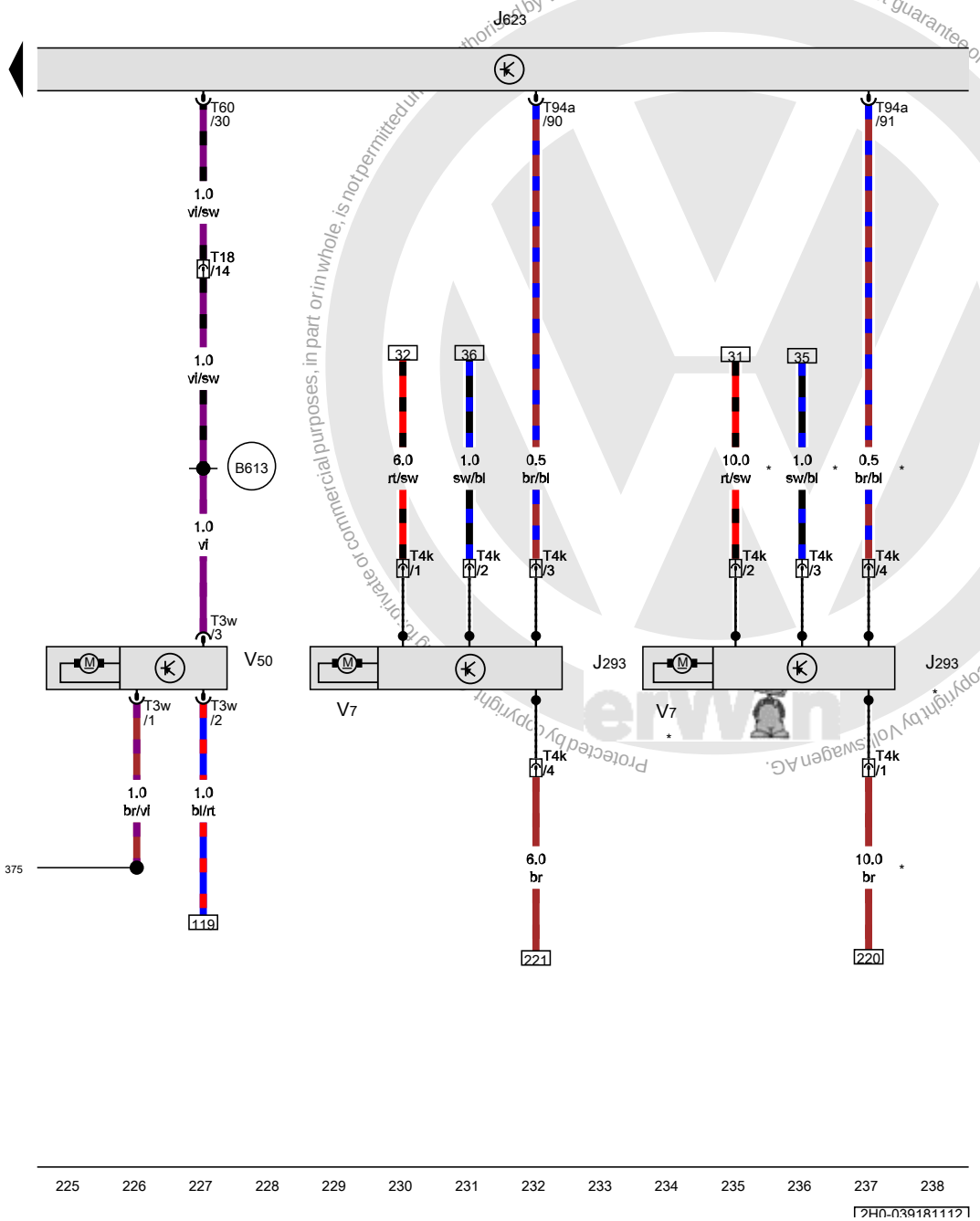

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Radiator fan control unit, Engine control unit, Radiator fan, Coolant circulation pump

J293	Radiator fan control unit
J623	Engine control unit
T3w	3-pin connector, black
T4k	4-pin connector, on radiator cowling, black
T18	18-pin connector, near engine control unit, black
T60	60-pin connector, black
T94a	94-pin connector, black
V7	Radiator fan
V50	Coolant circulation pump
375	Earth connection 10, in main wiring harness
B613	Connection 41, in main wiring harness
*	Only for countries with hot climate

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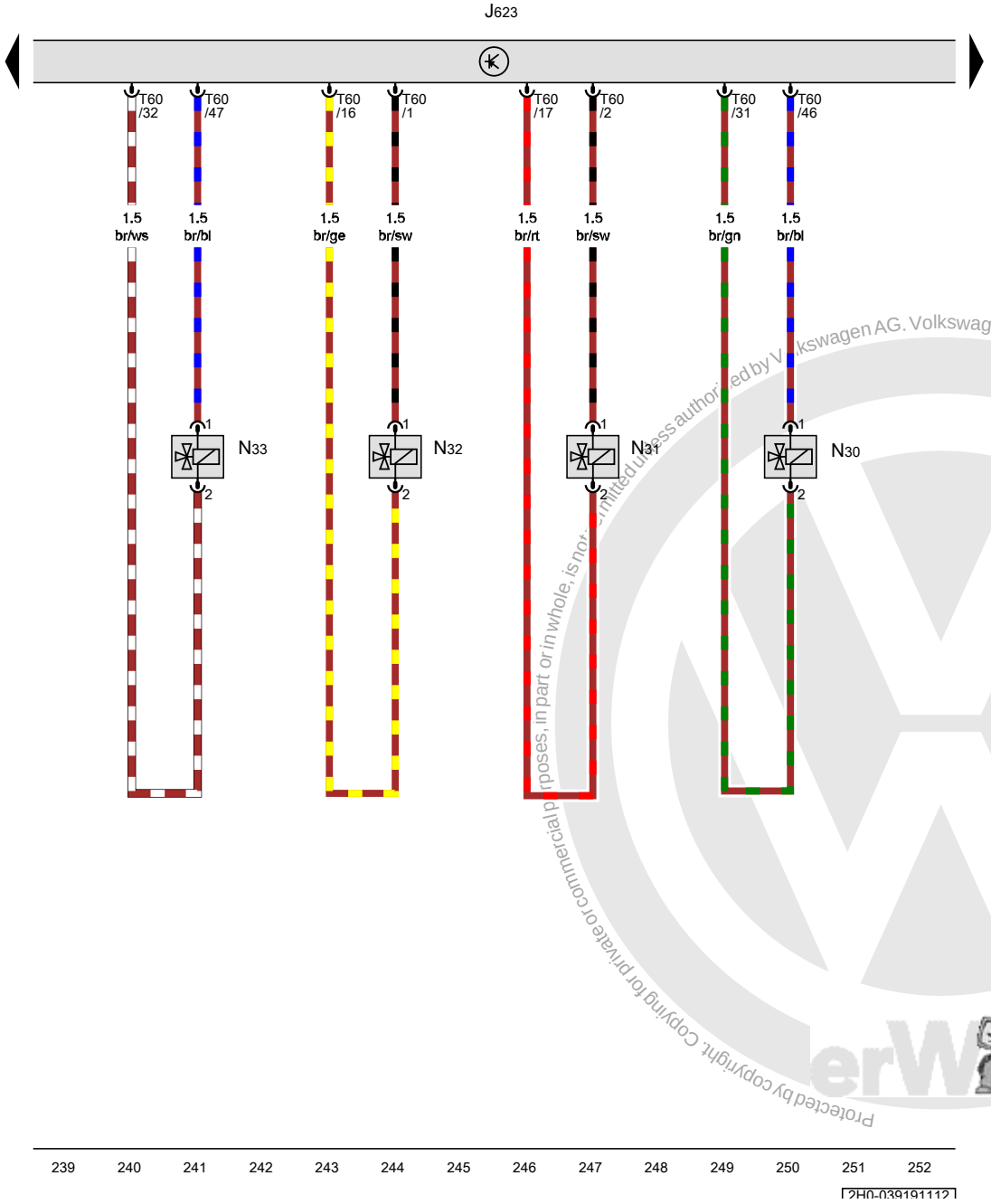
Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T60	60-pin connector, black



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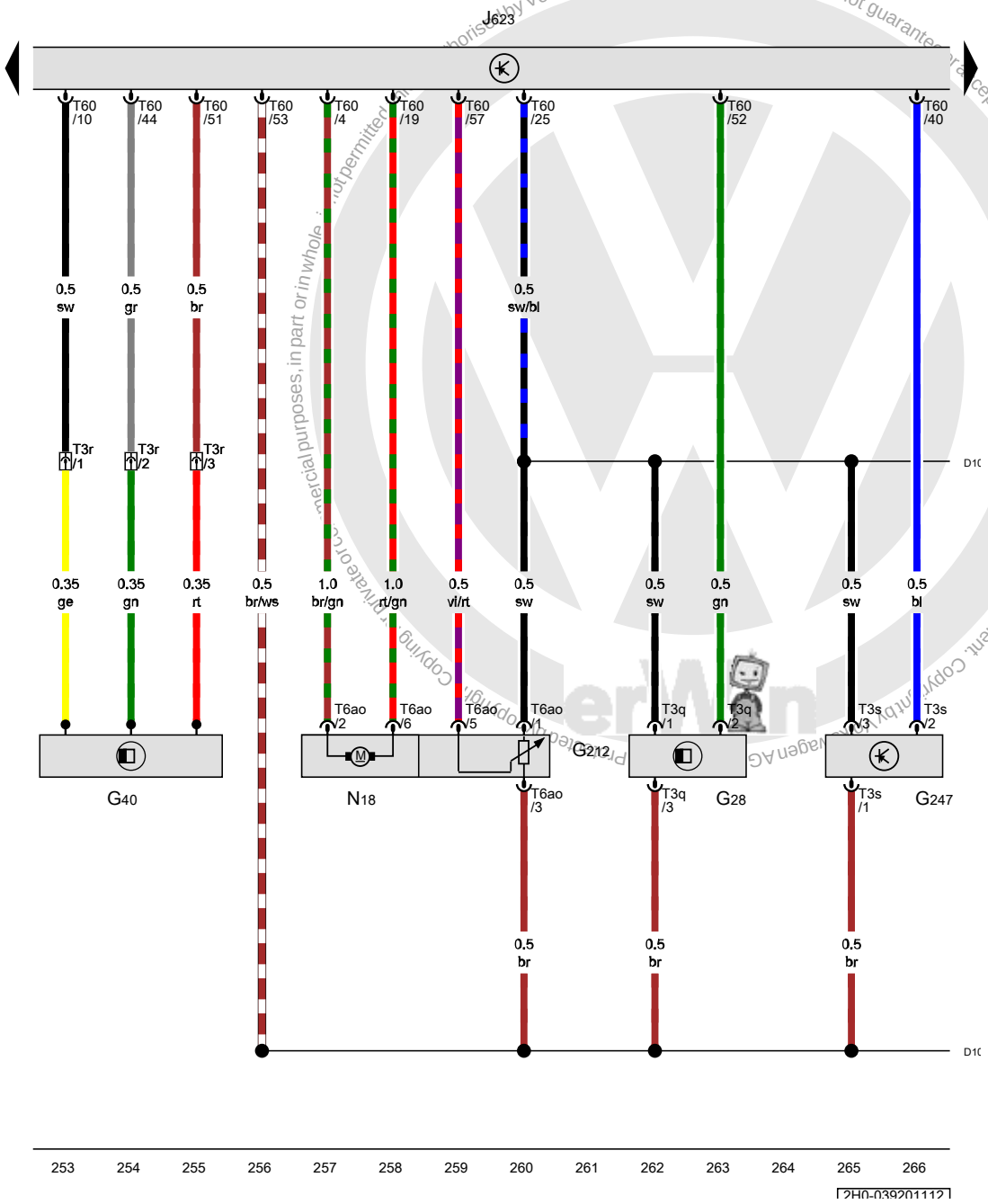

ws = white
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Hall sender, Exhaust gas recirculation potentiometer, Fuel pressure sender, Engine control unit, Exhaust gas recirculation valve

G28	Engine speed sender
G40	Hall sender
G212	Exhaust gas recirculation potentiometer
G247	Fuel pressure sender
J623	Engine control unit
N18	Exhaust gas recirculation valve
T3q	3-pin connector, black
T3r	3-pin connector, on front of engine, black
T3s	3-pin connector, black
T6ao	6-pin connector, grey
T60	60-pin connector, black
D101	Connection 1 in engine compartment wiring harness
D103	Connection 3 in engine compartment wiring harness

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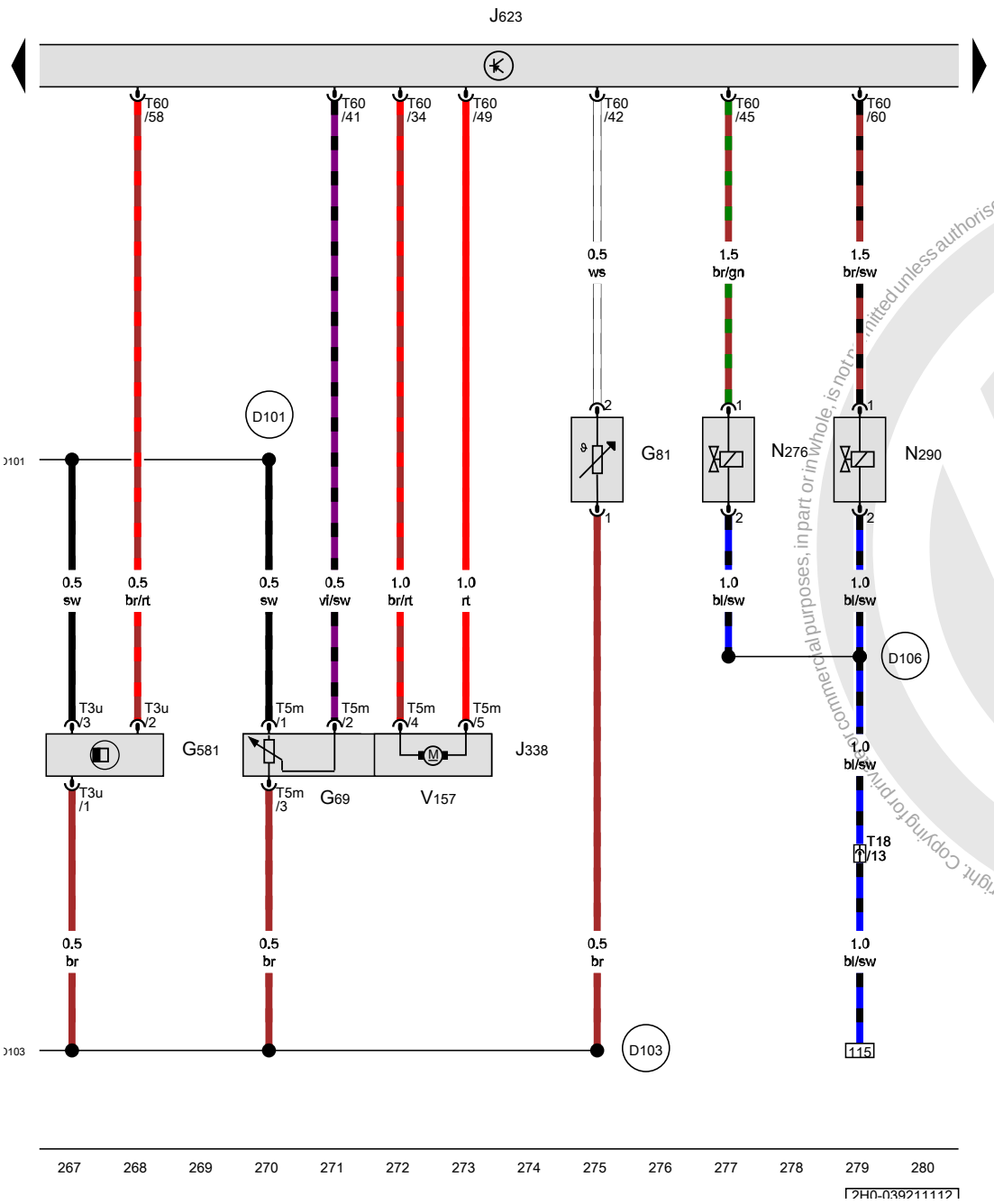

Throttle valve potentiometer, Fuel temperature sender, Position sender for charge pressure positioner, Throttle valve module, Engine control unit, Fuel pressure regulating valve, Fuel metering valve, Intake manifold flap motor

G69	Throttle valve potentiometer
G81	Fuel temperature sender
G581	Position sender for charge pressure positioner
J338	Throttle valve module, black
J623	Engine control unit
N276	Fuel pressure regulating valve
N290	Fuel metering valve
T3u	3-pin connector, black
T5m	5-pin connector, black
T18	18-pin connector, near engine control unit, black
T60	60-pin connector, black
V157	Intake manifold flap motor
D101	Connection 1 in engine compartment wiring harness
D103	Connection 3 in engine compartment wiring harness
D106	Connection 4 in engine compartment wiring harness

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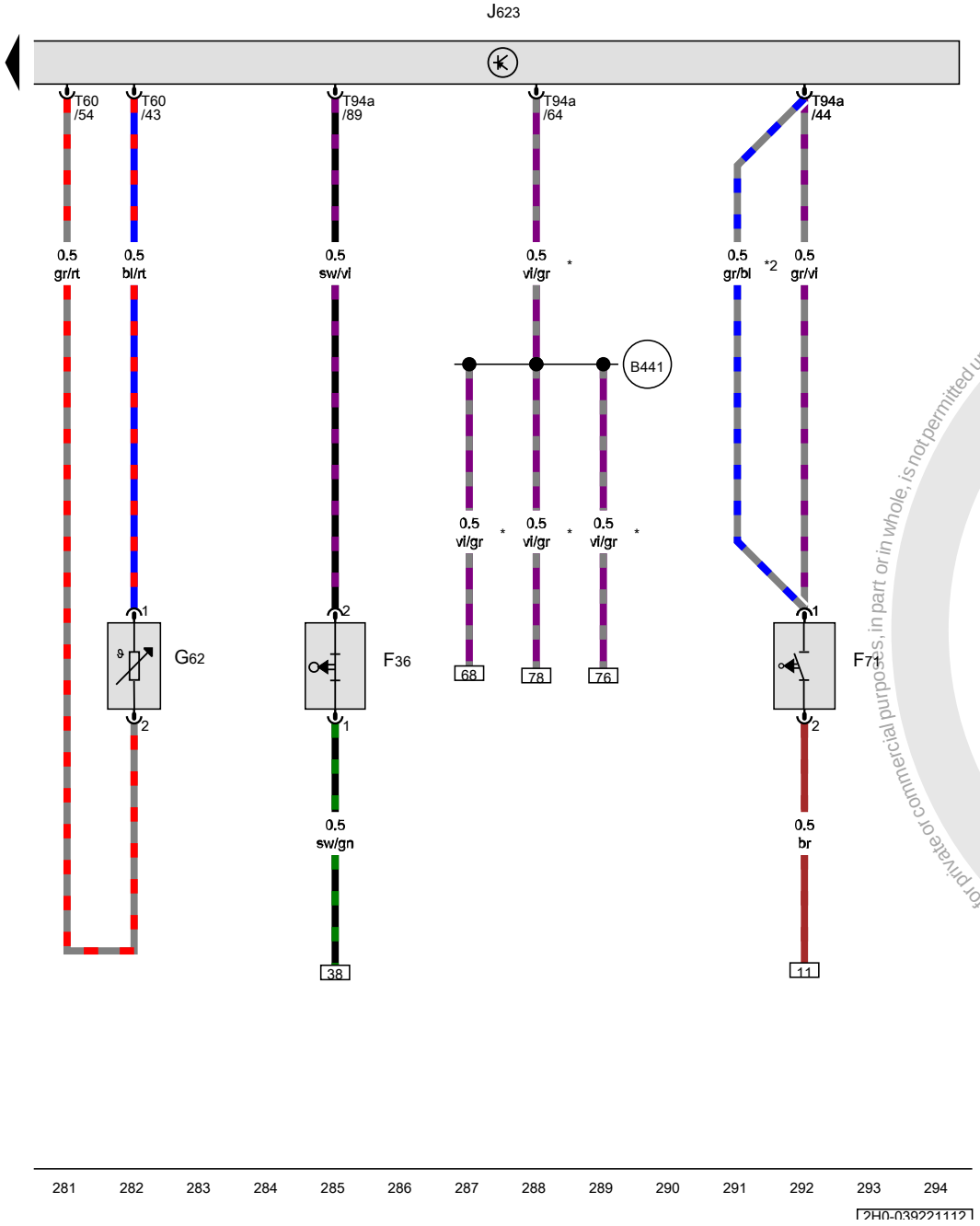

Clutch pedal switch for stop/start system, Coolant temperature sender, Engine control unit

F36	Clutch pedal switch
F71	Clutch pedal switch for stop/start system
G62	Coolant temperature sender
J623	Engine control unit
T60	60-pin connector, black
T94a	94-pin connector, black
B441	Connection (CCS), in main wiring harness
*	Only models with cruise control system (CCS)
*2	From July 2011

ws	=	white
sw	=	black
ro	=	red
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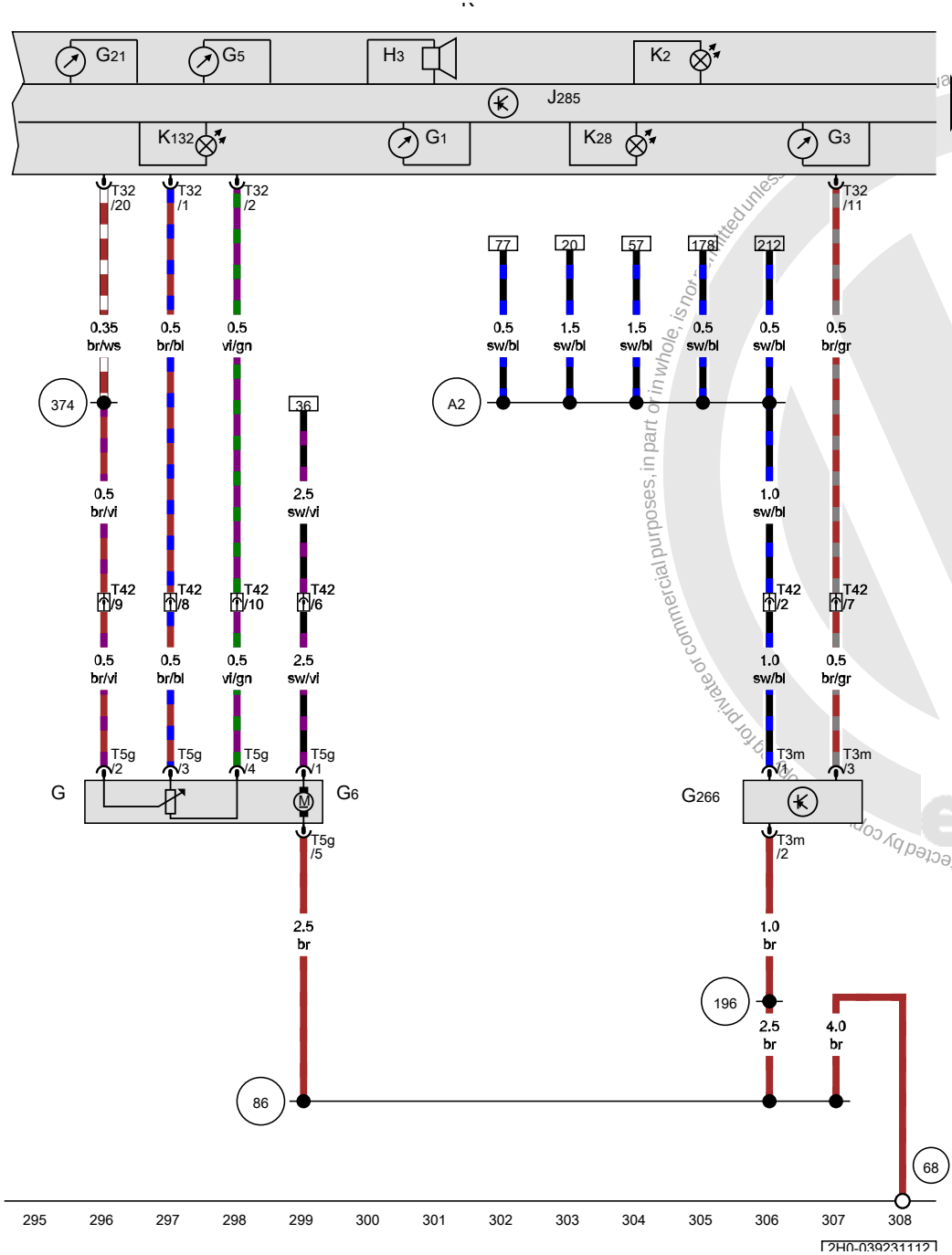

Fuel system pressurisation pump, Oil level and oil temperature sender, Dash panel insert

G	Fuel gauge sender
G1	Fuel gauge
G3	Coolant temperature gauge
G5	Rev. counter
G6	Fuel system pressurisation pump
G21	Speedometer
G266	Oil level and oil temperature sender
H3	Buzzer and gong
J285	Control unit in dash panel insert
K	Dash panel insert
K2	Alternator warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K132	Electronic power control fault lamp
T3m	3-pin connector, black
T5g	5-pin connector, black
T32	32-pin connector, blue
T42	42-pin connector, near handbrake lever, black
68	Earth point, on left of rear cross member
86	Earth connection 1, in rear wiring harness
196	Earth connection 3, in rear wiring harness
374	Earth connection 9, in main wiring harness
A2	Positive connection (15), in dash panel wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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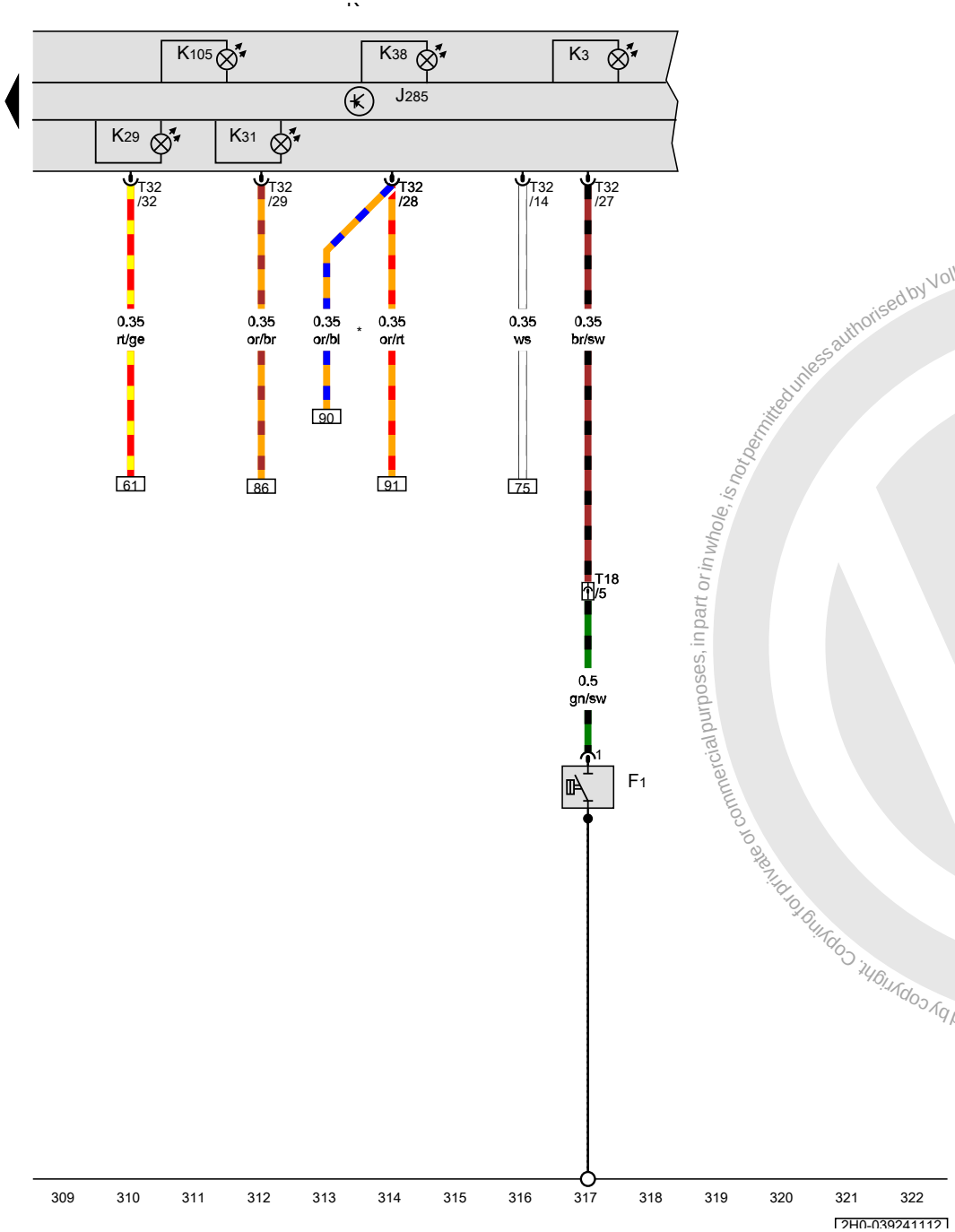

Oil pressure switch, Dash panel insert

F1	Oil pressure switch
J285	Control unit in dash panel insert
K	Dash panel insert
K3	Oil pressure warning lamp
K29	Glow period warning lamp
K31	Cruise control system warning lamp
K38	Oil level warning lamp
K105	Reserve fuel warning lamp
T18	18-pin connector, near engine control unit, black
T32	32-pin connector, blue
*	From July 2011

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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Basic equipment

From May 2011

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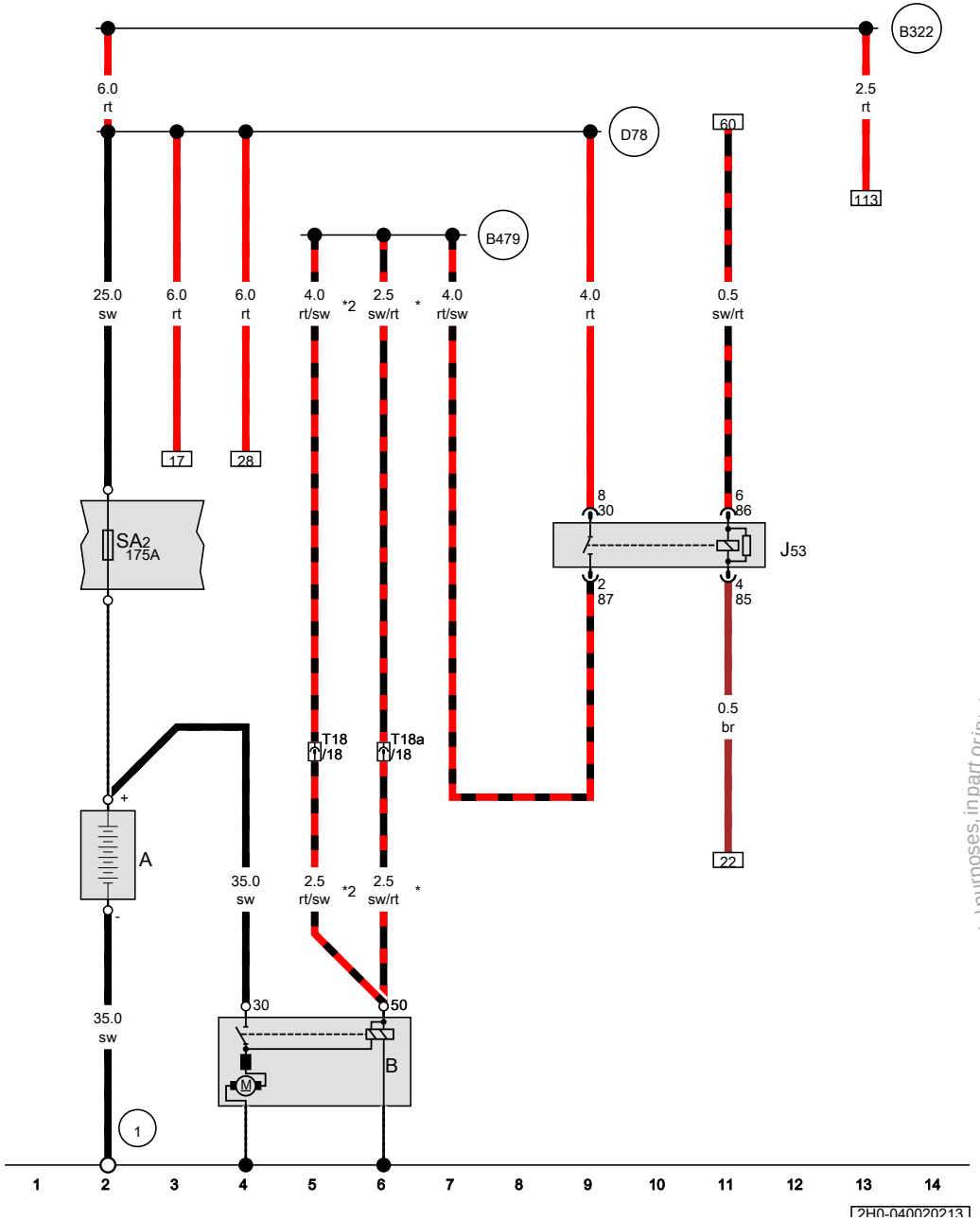
Battery, Starter, Starter motor relay, Fuse 2 in fuse holder A



A	Battery
B	Starter
J53	Starter motor relay
SA2	Fuse 2 in fuse holder A
T18	18-pin connector, near engine control unit, black
T18a	18-pin connector, near engine control unit, grey
1	Earth strap, battery - body
B322	Positive connection 8 (30a) in main wiring harness
B479	Connection 15, in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
*	Only models with diesel engine
*2	Only models with petrol engine

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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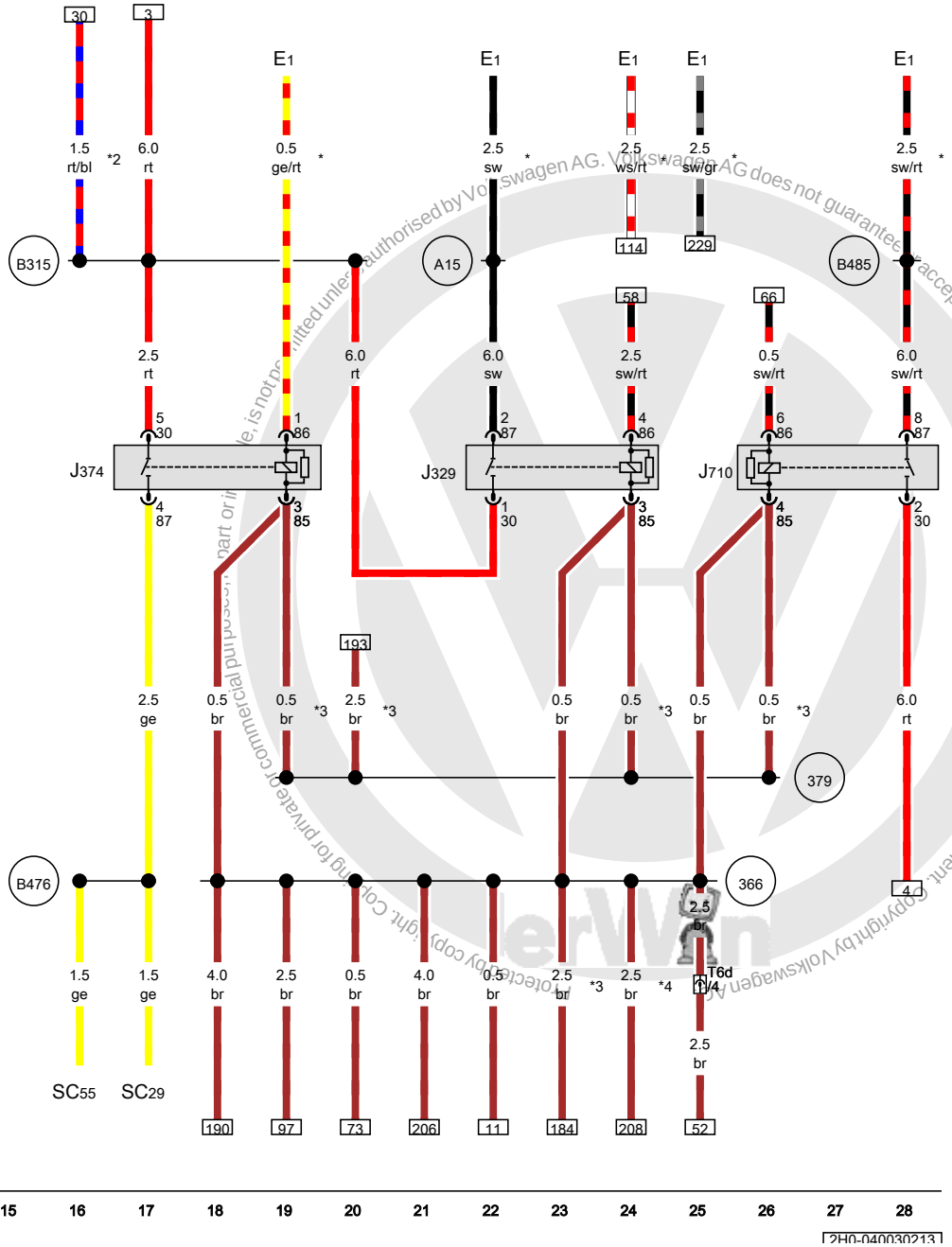

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Light switch, Terminal 15 voltage supply relay, Terminal 58b relief relay, Voltage supply relay 2

E1	Light switch
J329	Terminal 15 voltage supply relay
J374	Terminal 58b relief relay
J710	Voltage supply relay 2
SC29	Fuse 29 on fuse holder C
SC55	Fuse 55 on fuse holder C
T6d	6-pin connector, on relay carrier, grey
366	Earth connection 1, in main wiring harness
379	Earth connection 14, in main wiring harness
A15	Positive connection (15), in instrument wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B476	Connection 12, in main wiring harness
B485	Connection 21, in main wiring harness
*	see applicable current flow diagram
*2	Only models with petrol engine
*3	From December 2011
*4	From November 2011

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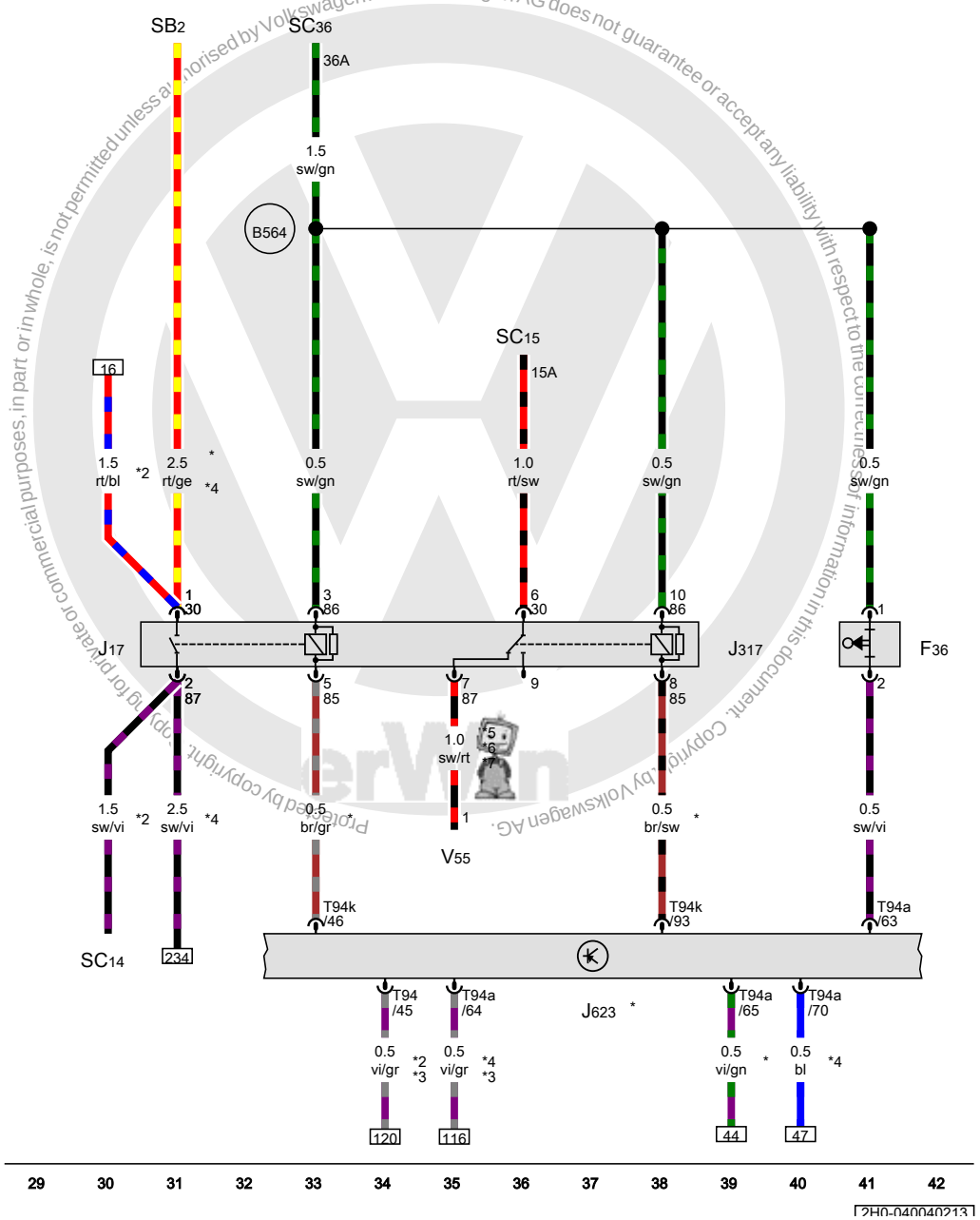

Clutch pedal switch, Fuel pump relay, Terminal 30 voltage supply relay, Engine control unit

F36	Clutch pedal switch
J17	Fuel pump relay
J317	Terminal 30 voltage supply relay
J623	Engine control unit
SB2	Fuse 2 on fuse holder B
SC14	Fuse 14 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC36	Fuse 36 on fuse holder C
T94	94-pin connector, black
T94a	94-pin connector
T94k	94-pin connector, black
V55	Circulation pump
B564	Connection 31, in main wiring harness
*	see applicable current flow diagram for engine
*2	Only models with petrol engine
*3	Only models with cruise control system (CCS)
*4	Only models with diesel engine
*5	Only models with no air conditioning system/Climatronic
*6	see applicable current flow diagram for air conditioning
*7	see applicable current flow diagram for automatic air conditioning system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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vi	=	purple
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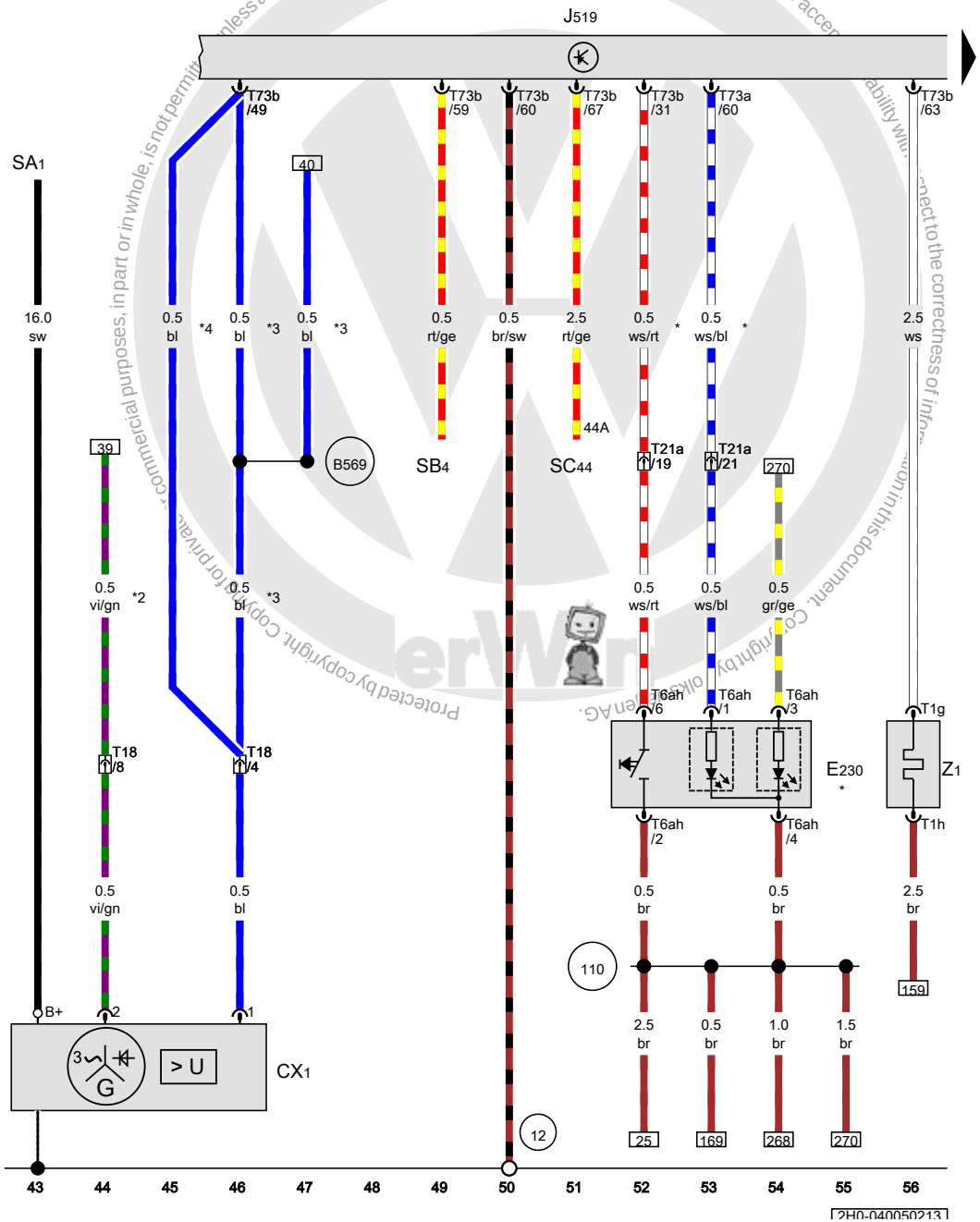

Alternator with voltage regulator, Heated rear window button, Fuse 4 on fuse holder B, Heated rear window

CX1	Alternator with voltage regulator
E230	Heated rear window button, near radio
J519	Onboard supply control unit
SA1	Fuse 1 in fuse holder A
SB4	Fuse 4 on fuse holder B
SC44	Fuse 44 on fuse holder C
T1g	Single connector, black
T1h	Single connector, black
T6ah	6-pin connector, brown
T18	18-pin connector, near engine control unit, black
T21a	21-pin connector, on relay carrier, brown
T73a	73-pin connector, black
T73b	73-pin connector, colourless
Z1	Heated rear window
12	Earth point, on left in engine compartment
110	Earth connection 2, in dash panel wiring harness
B569	Connection 36, in main wiring harness
*	Only models with no air conditioning system/Climatronic
*2	see applicable current flow diagram for engine
*3	Only models with diesel engine
*4	Only models with petrol engine

ws	=	white
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rt	=	red
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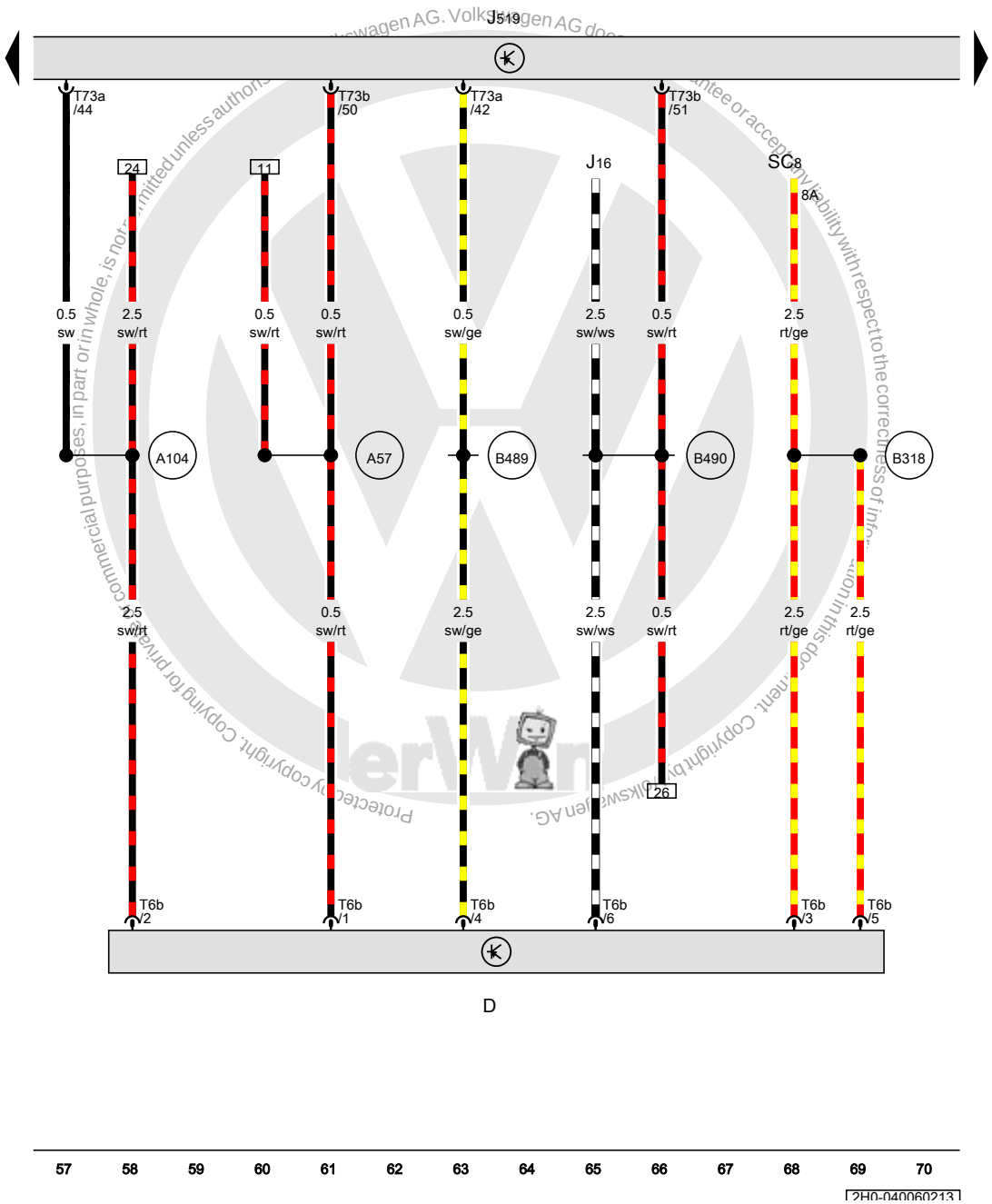

D

Ignition/starter switch

D	Ignition/starter switch
J16	Current supply relay
J519	Onboard supply control unit
SC8	Fuse 8 on fuse holder C
T6b	6-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, colourless
A57	Positive connection 3 (30), in dash panel wiring harness
A104	Positive connection 2 (15), in dash panel wiring harness
B318	Positive connection 4 (30a) in main wiring harness
B489	Connection 25, in main wiring harness
B490	Connection 26, in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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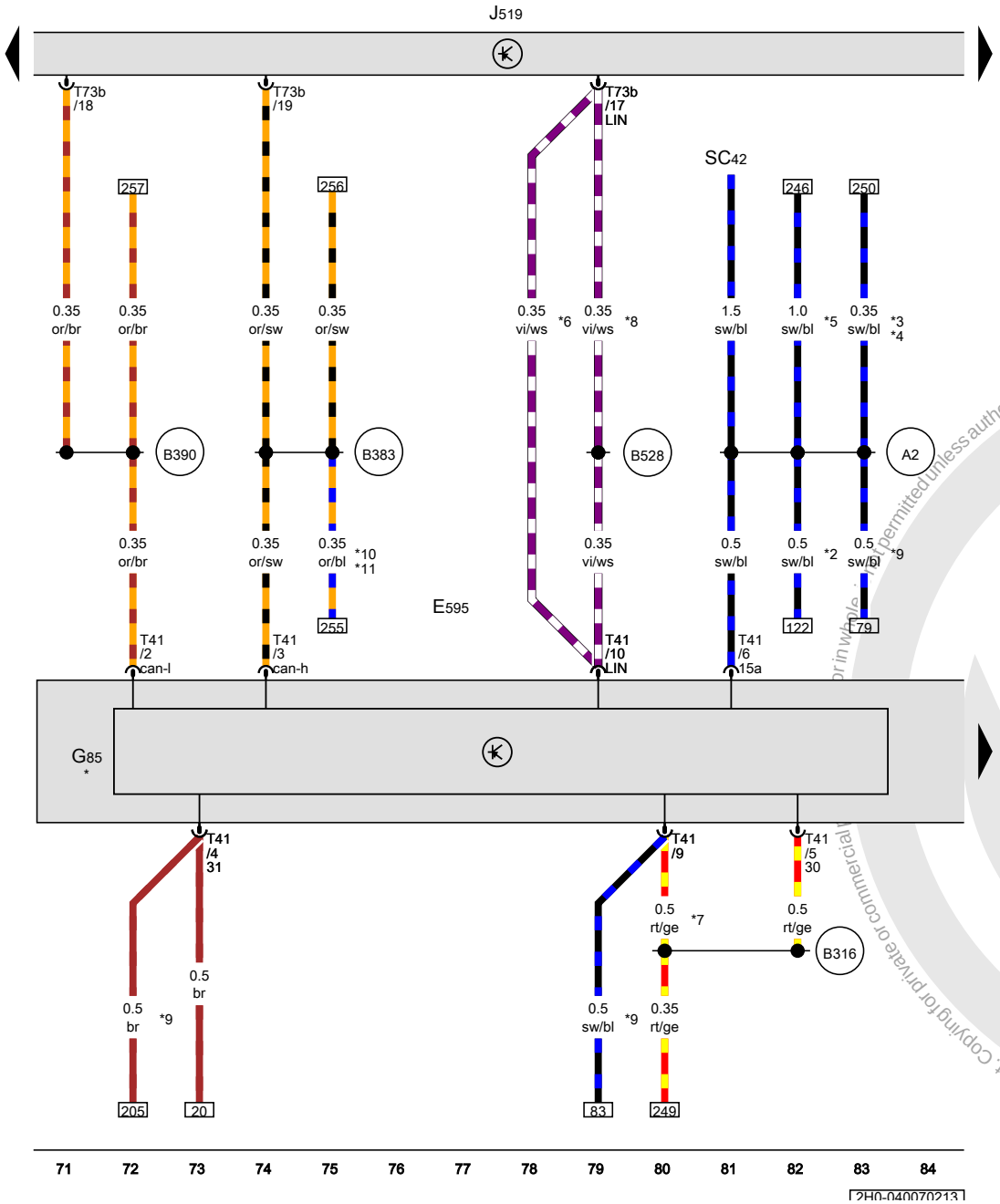

Steering column combination switch, Steering angle sender

E595	Steering column combination switch
G85	Steering angle sender
J519	Onboard supply control unit
SC42	Fuse 42 on fuse holder C
T41	41-pin connector, grey
T73b	73-pin connector, colourless
A2	Positive connection (15), in dash panel wiring harness
B316	Positive connection 2 (30a) in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B528	Connection 1 (LIN bus) in main wiring harness
*	Only models with anti-lock brake system (ABS) and electronic stabilisation program (ESP)
*2	Only models with cruise control system (CCS)
*3	If fitted
*4	Country specific
*5	Only models with Euro 5 emission standard
*6	Only models with manual window regulators
*7	Up to November 2011
*8	Only models with electric window regulators
*9	From November 2011
*10	Only models with start/stop system
*11	From July 2011

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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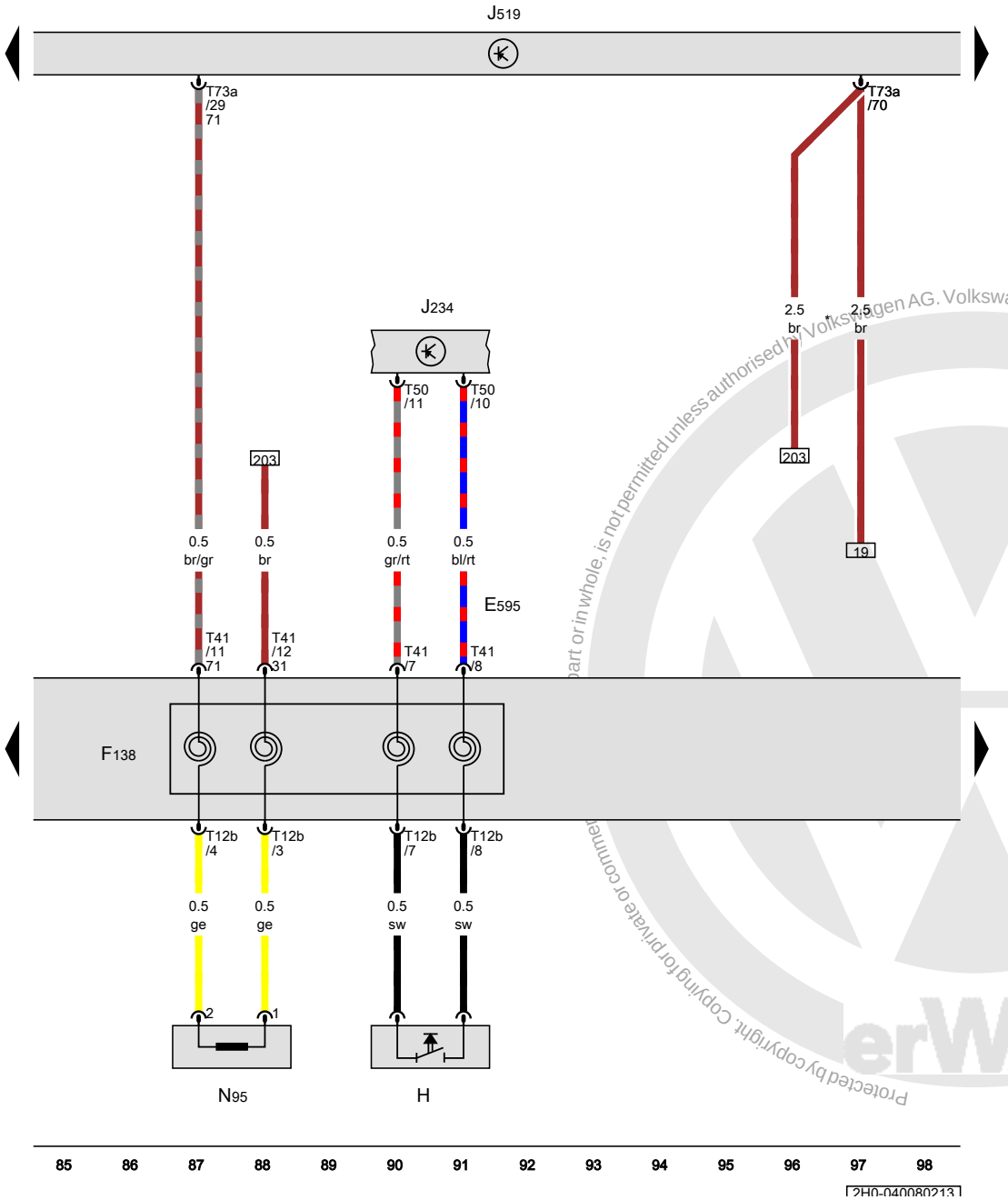
Steering column combination switch, Airbag coil connector and return ring with slip ring, Horn plate, Airbag control unit

E595	Steering column combination switch
F138	Airbag coil connector and return ring with slip ring, on steering wheel
H	Horn plate
J234	Airbag control unit
J519	Onboard supply control unit
N95	Driver side airbag igniter
T12b	12-pin connector, yellow
T41	41-pin connector, grey
T50	50-pin connector, green
T73a	73-pin connector, black
*	From November 2011



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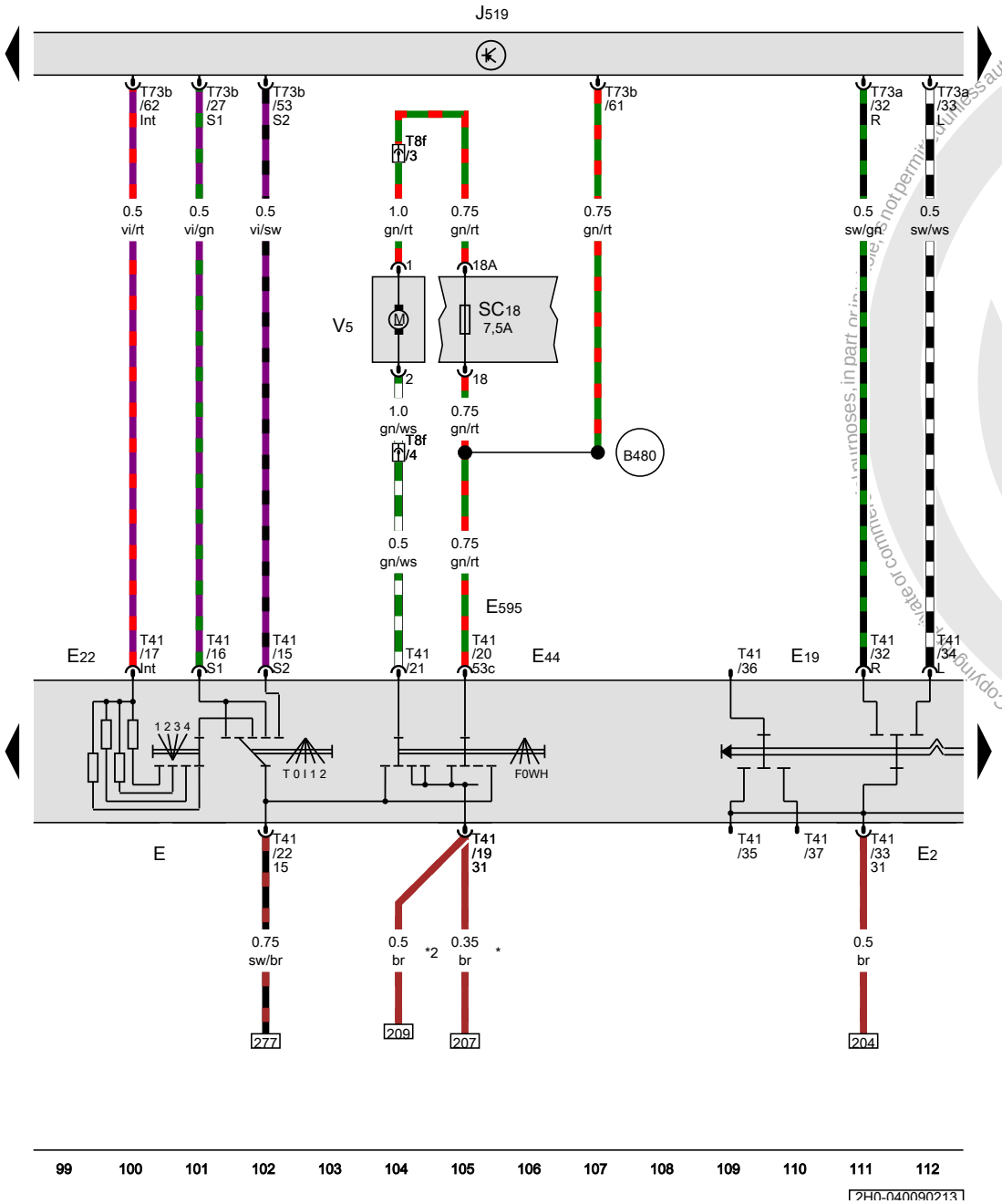
Turn signal switch, Intermittent wiper switch, Washer pump switch (automatic wash/wipe and headlight washer system), Steering column combination switch, Washer pump

E	Windscreen wiper switch
E2	Turn signal switch
E19	Parking light switch
E22	Intermittent wiper switch
E44	Washer pump switch (automatic wash/wipe and headlight washer system)
E595	Steering column combination switch
J519	Onboard supply control unit
SC18	Fuse 18 on fuse holder C
T8f	8-pin connector, in rear left of engine compartment, black
T41	41-pin connector, grey
T73a	73-pin connector, black
T73b	73-pin connector, colourless
V5	Washer pump
B480	Connection 16, in main wiring harness
*	Up to November 2011
*2	From November 2011



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sw	=	black
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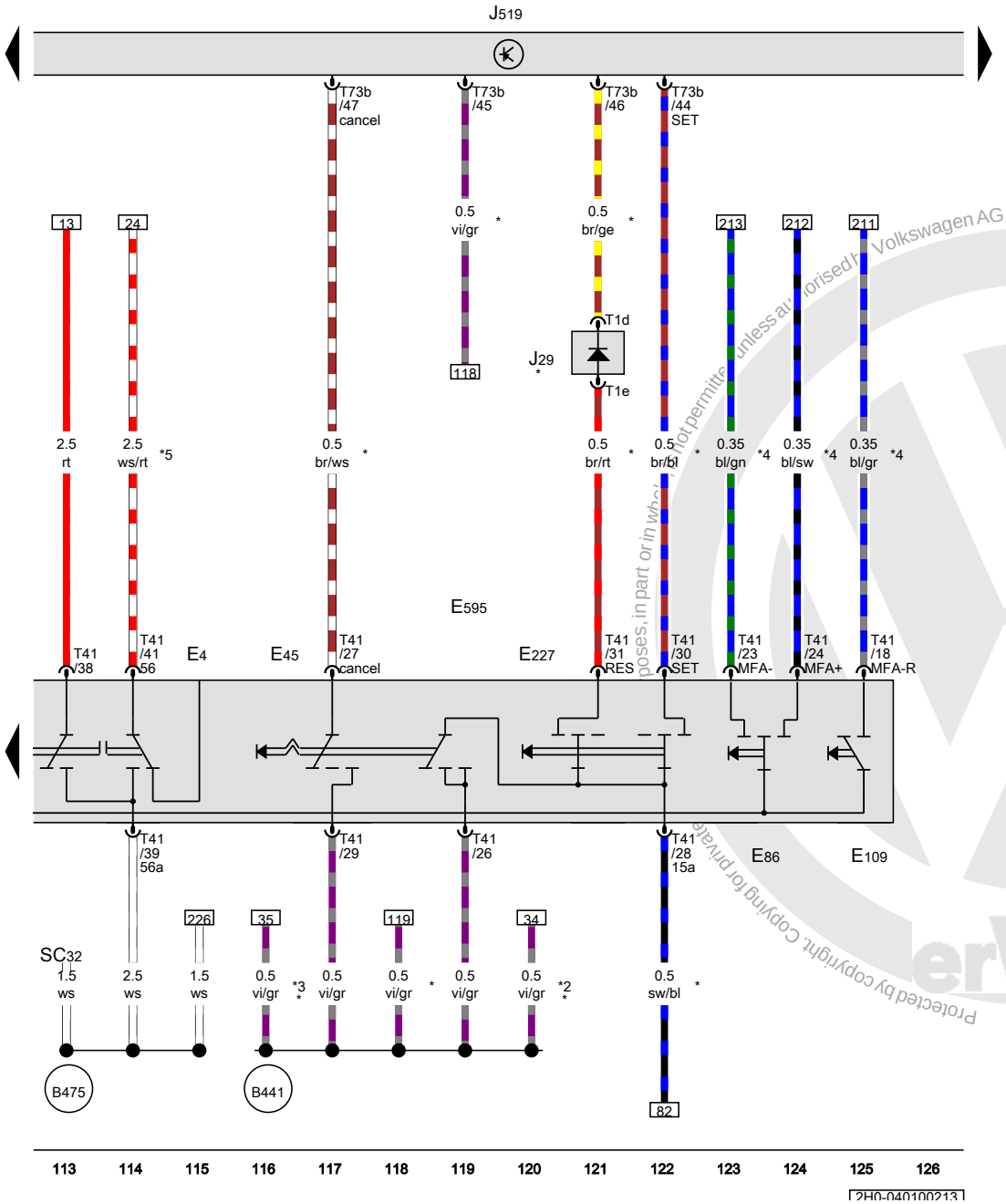

Headlight dipper and flasher switch, Cruise control system switch, Multifunction display call-up button, Multifunction display memory switch, Steering column combination switch

E4	Headlight dipper and flasher switch
E45	Cruise control system switch
E86	Multifunction display call-up button
E109	Multifunction display memory switch
E227	Cruise control system (CCS) SET button
E595	Steering column combination switch
J29	Blocking diode, near steering column
J519	Onboard supply control unit
SC32	Fuse 32 on fuse holder C
T1d	Single connector, red
T1e	Single connector, red
T41	41-pin connector, grey
T73b	73-pin connector, colourless
B441	Connection (CCS), in main wiring harness
B475	Connection 11, in main wiring harness
*	Only models with cruise control system (CCS)
*2	Only models with petrol engine
*3	Only models with diesel engine
*4	Only models with multifunction display
*5	see applicable current flow diagram

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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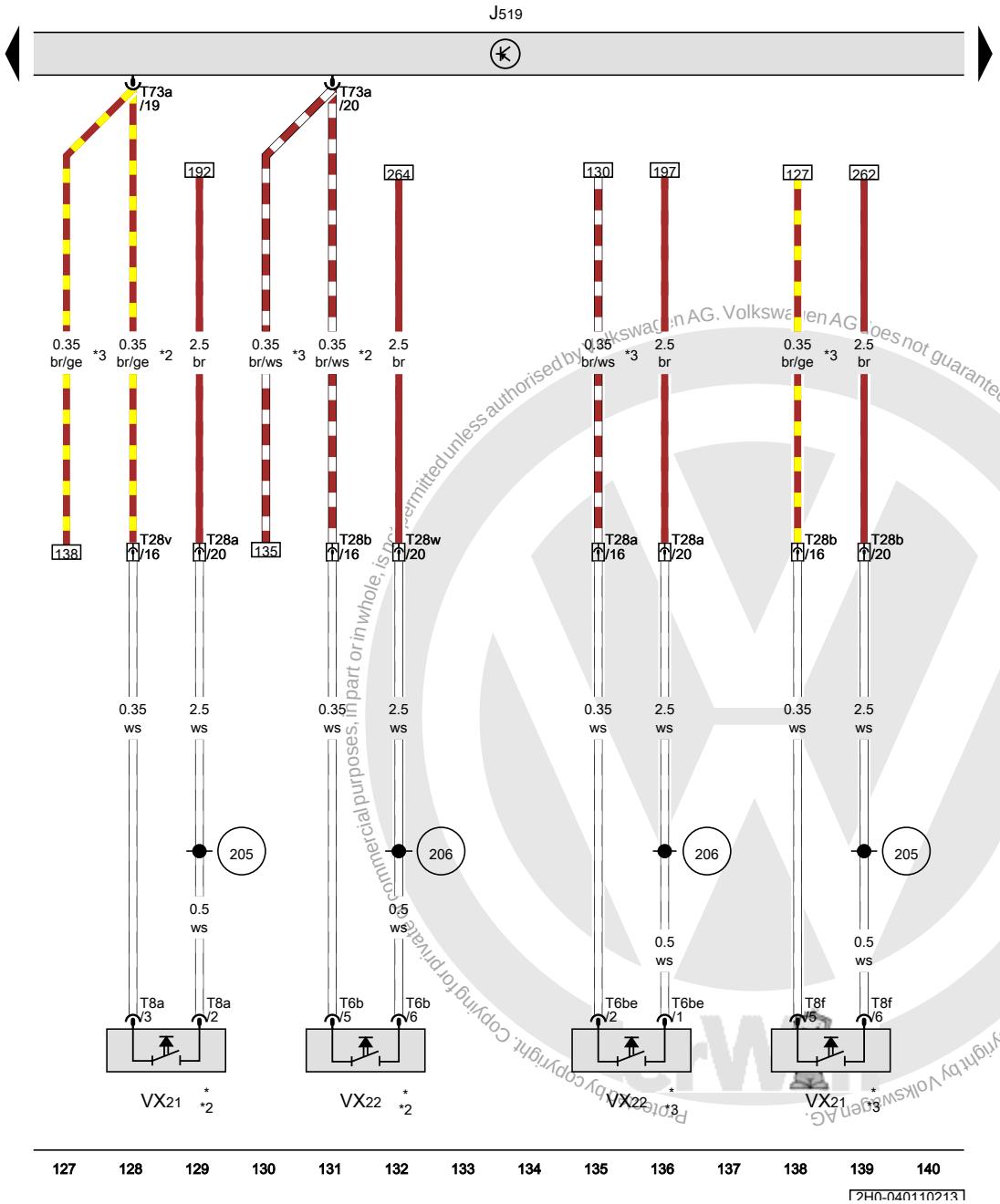

ws = white
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ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
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Driver door lock unit, Front passenger door lock unit

J519	Onboard supply control unit
T6b	6-pin connector, black
T6be	6-pin connector
T8a	8-pin connector, black
T8f	8-pin connector
T28a	28-pin connector, on left A-pillar, grey
T28b	28-pin connector, on right A-pillar, grey
T28v	28-pin connector, on left A-pillar, grey
T28w	28-pin connector, on right A-pillar, grey
T73a	73-pin connector, black
VX21	Driver door lock unit
VX22	Front passenger door lock unit
205	Earth connection, in driver door wiring harness
206	Earth connection, in front passenger door wiring harness
*	Only models with no central locking
*2	Only left-hand drive models
*3	Only right-hand drive models
*4	Only models with cruise control system (CCS)

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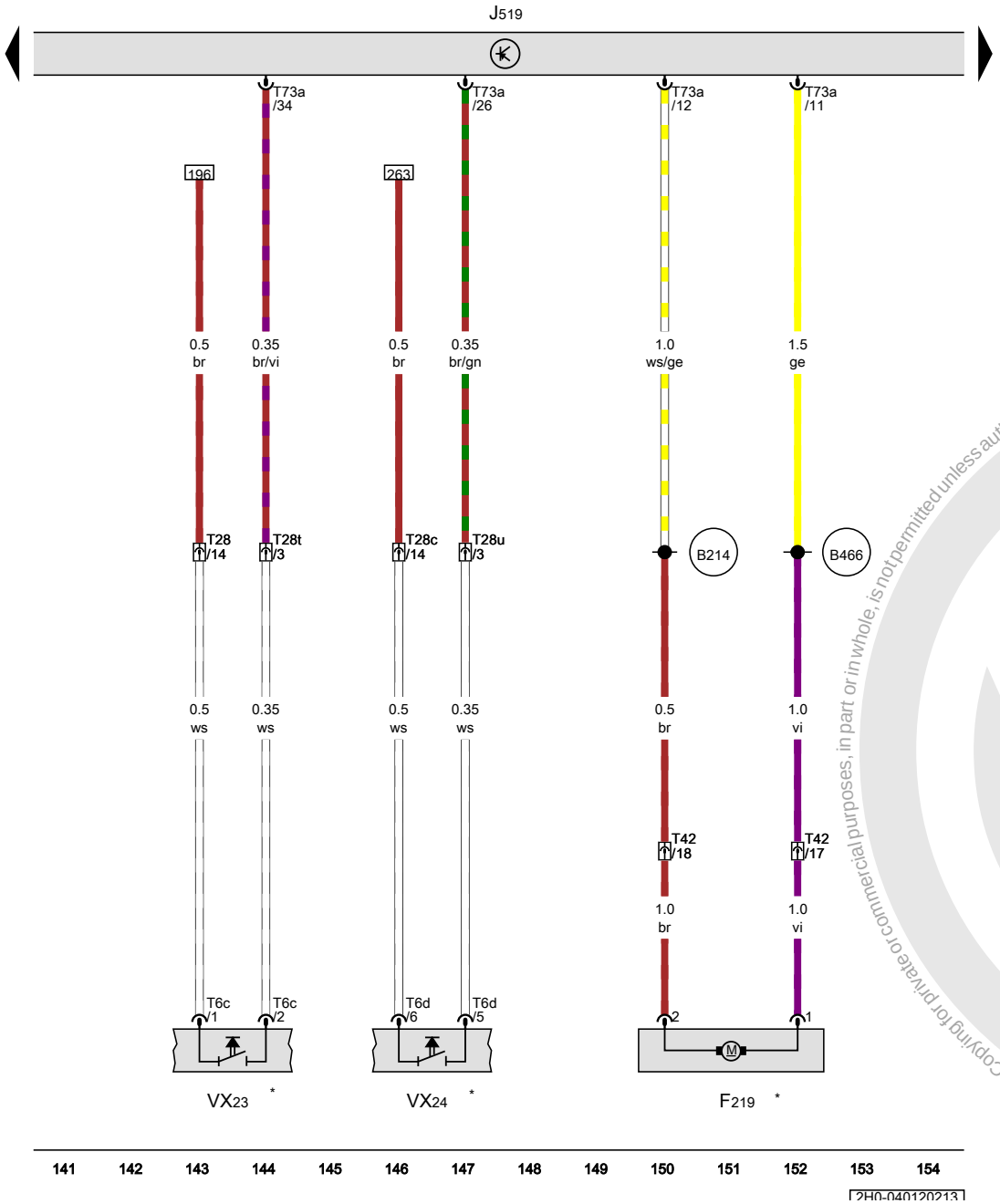

Fuel tank filler flap central locking actuator, Rear left door lock unit, Rear right door lock unit

F219	Fuel tank filler flap central locking actuator
J519	Onboard supply control unit
T6c	6-pin connector, black
T6d	6-pin connector, grey
T28	28-pin connector, on left B-pillar, grey
T28c	28-pin connector, on right B-pillar, grey
T28t	28-pin connector, on left B-pillar, grey
T28u	28-pin connector, on right B-pillar, grey
T42	42-pin connector, near handbrake lever, black
T73a	73-pin connector, black
VX23	Rear left door lock unit
VX24	Rear right door lock unit
B214	Connection 1 (central locking), in interior wiring harness
B466	Connection 2, in main wiring harness
*	Only models with no central locking

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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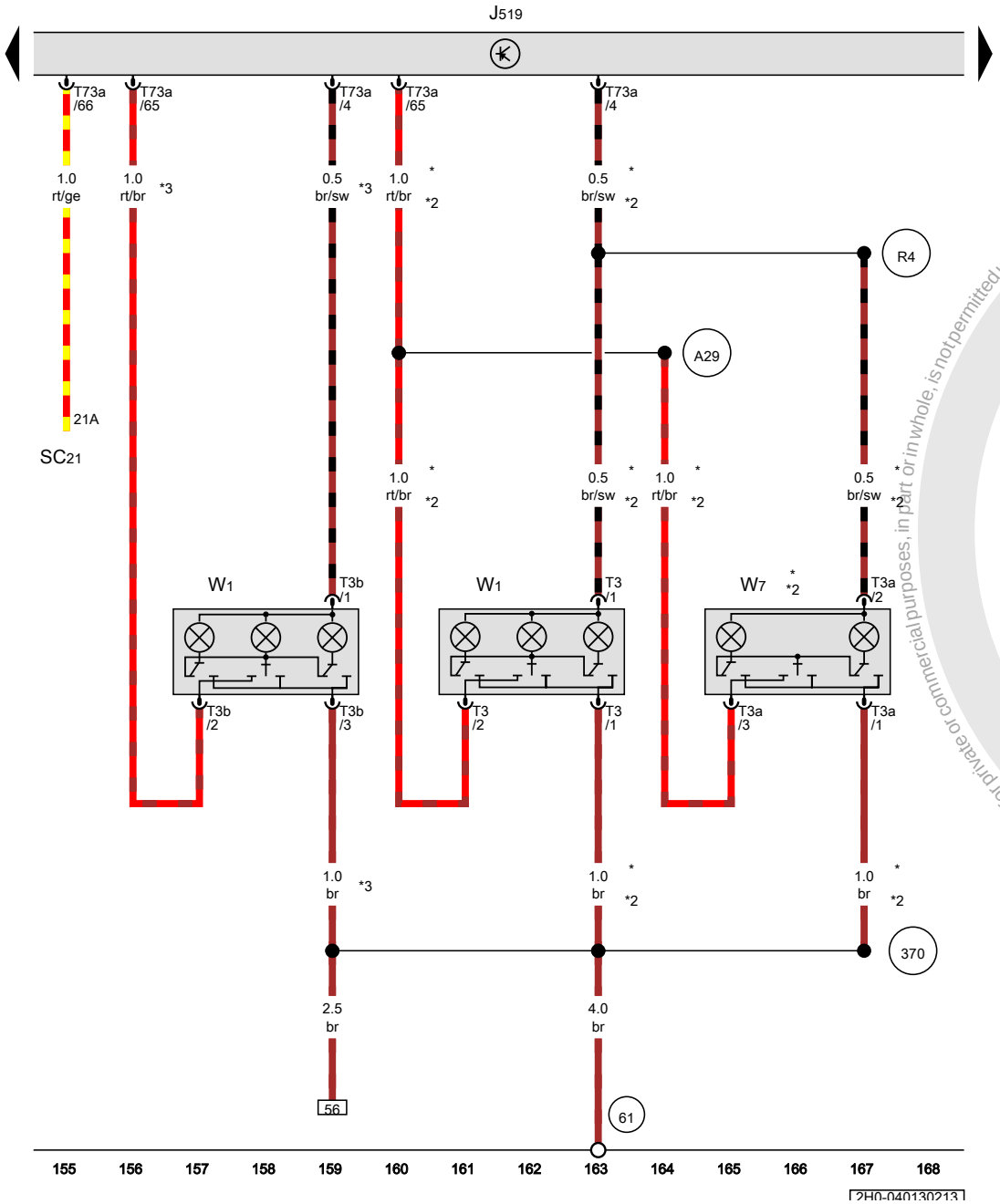

Front interior light, Centre interior light

J519	Onboard supply control unit
SC21	Fuse 21 on fuse holder C
T3	3-pin connector, black
T3a	3-pin connector, black
T3b	3-pin connector, black
T73a	73-pin connector, black
W1	Front interior light
W7	Centre interior light
61	Earth point, left C-pillar
370	Earth connection 5, in main wiring harness
A29	Connection (interior light), in dash panel wiring harness
R4	Connection 1, in interior light/door contact switch wiring harness
*	Only models with double cab
*2	Only models with Highline equipment
*3	Only models with basic equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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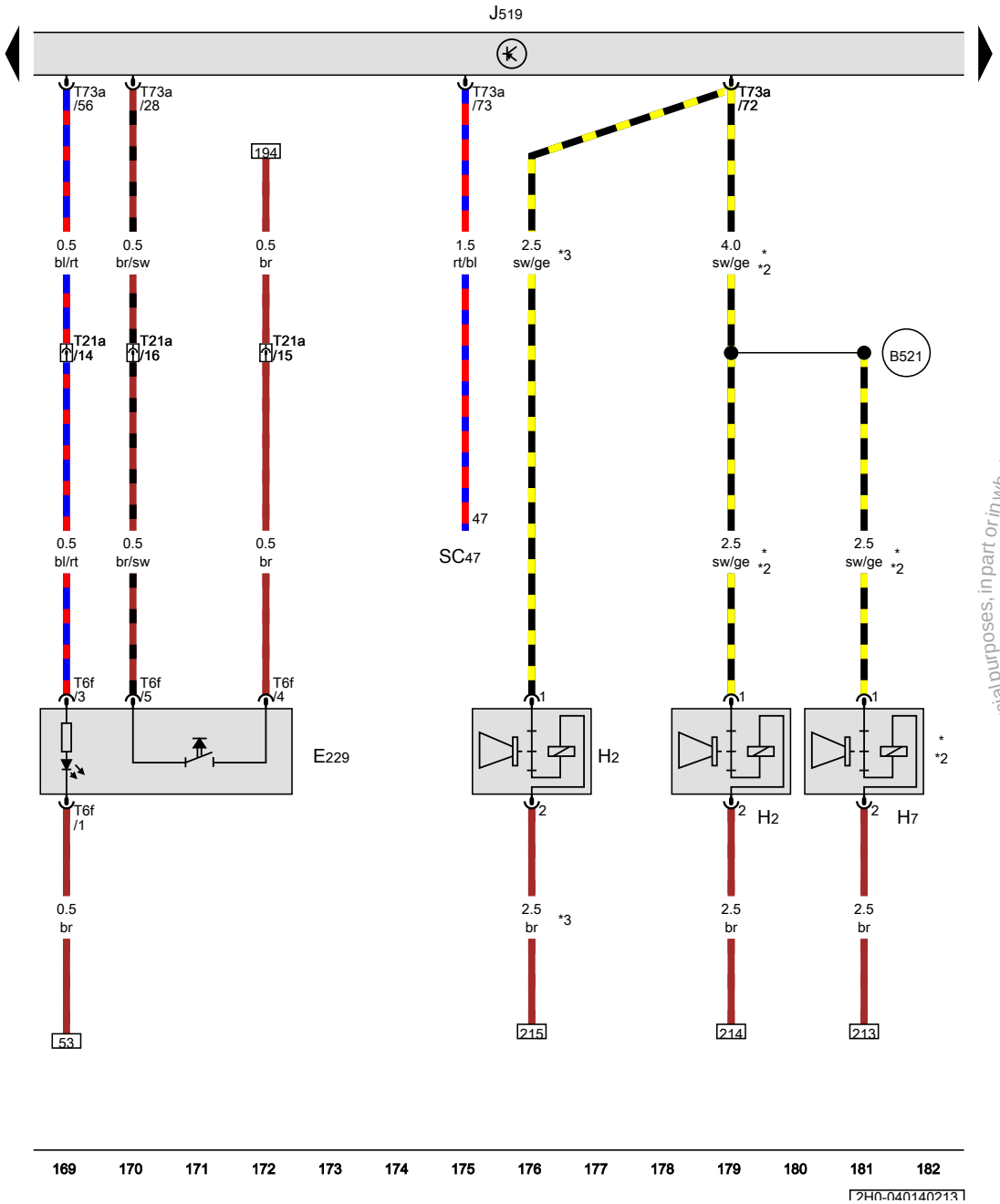

Hazard warning lights button, Treble horn, Bass horn

E229	Hazard warning lights button, near radio
H2	Treble horn
H7	Bass horn
J519	Onboard supply control unit
SC47	Fuse 47 on fuse holder C
T6f	6-pin connector, black
T21a	21-pin connector, on relay carrier, brown
T73a	73-pin connector, black
B521	Connection (dual tone horn), in main wiring harness
*	Only models with Highline equipment
*2	Only models with Trendline equipment
*3	Only models with basic equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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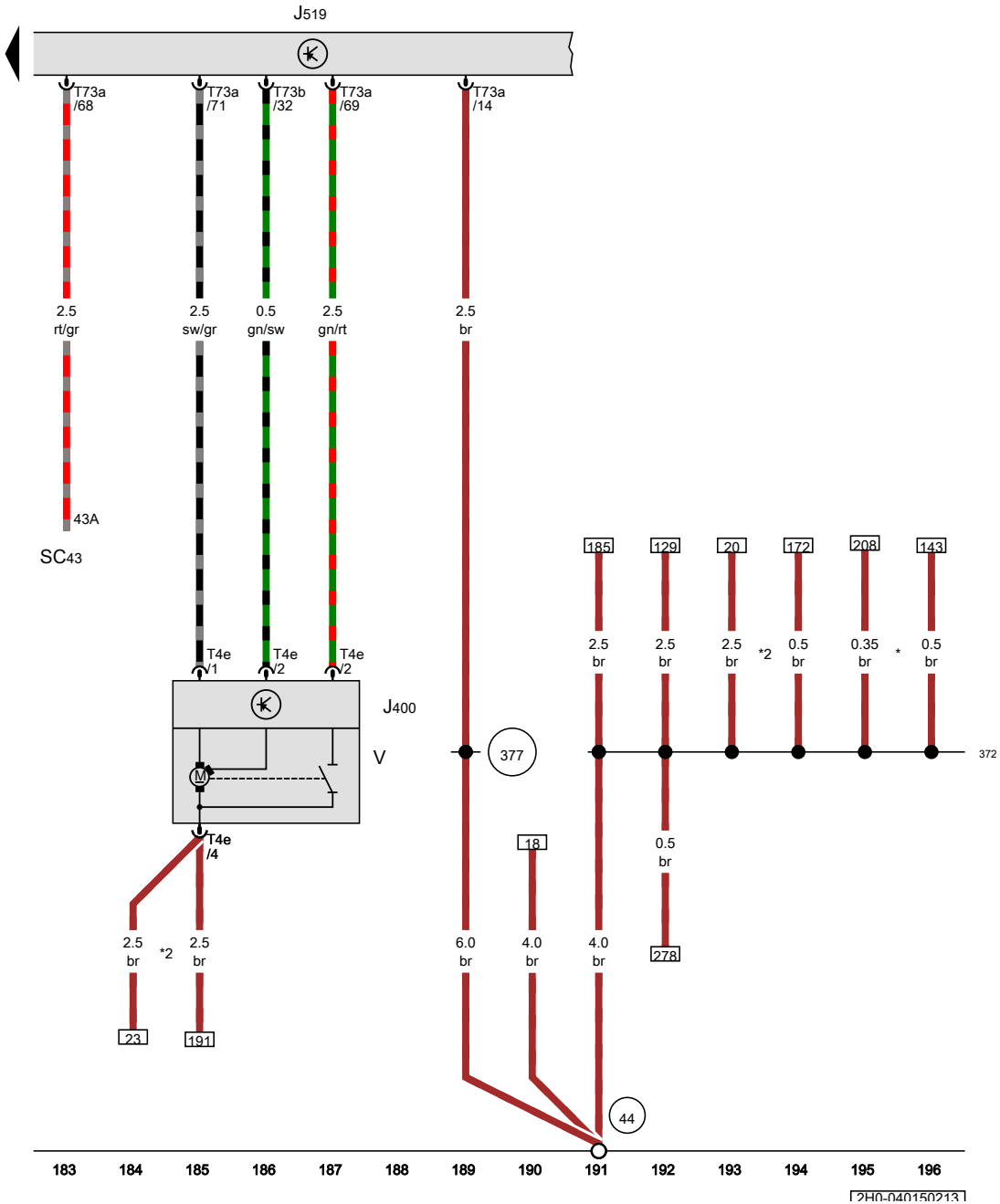

Windscreen wiper motor

J400	Wiper motor control unit
J519	Onboard supply control unit
SC43	Fuse 43 on fuse holder C
T4e	4-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, colourless
V	Windscreen wiper motor
44	Earth point, lower part of left A-pillar
372	Earth connection 7, in main wiring harness
377	Earth connection 12, in main wiring harness
*	Up to November 2011
*2	From December 2011

ws	=	white
sw	=	black
ro	=	red
rt	=	red
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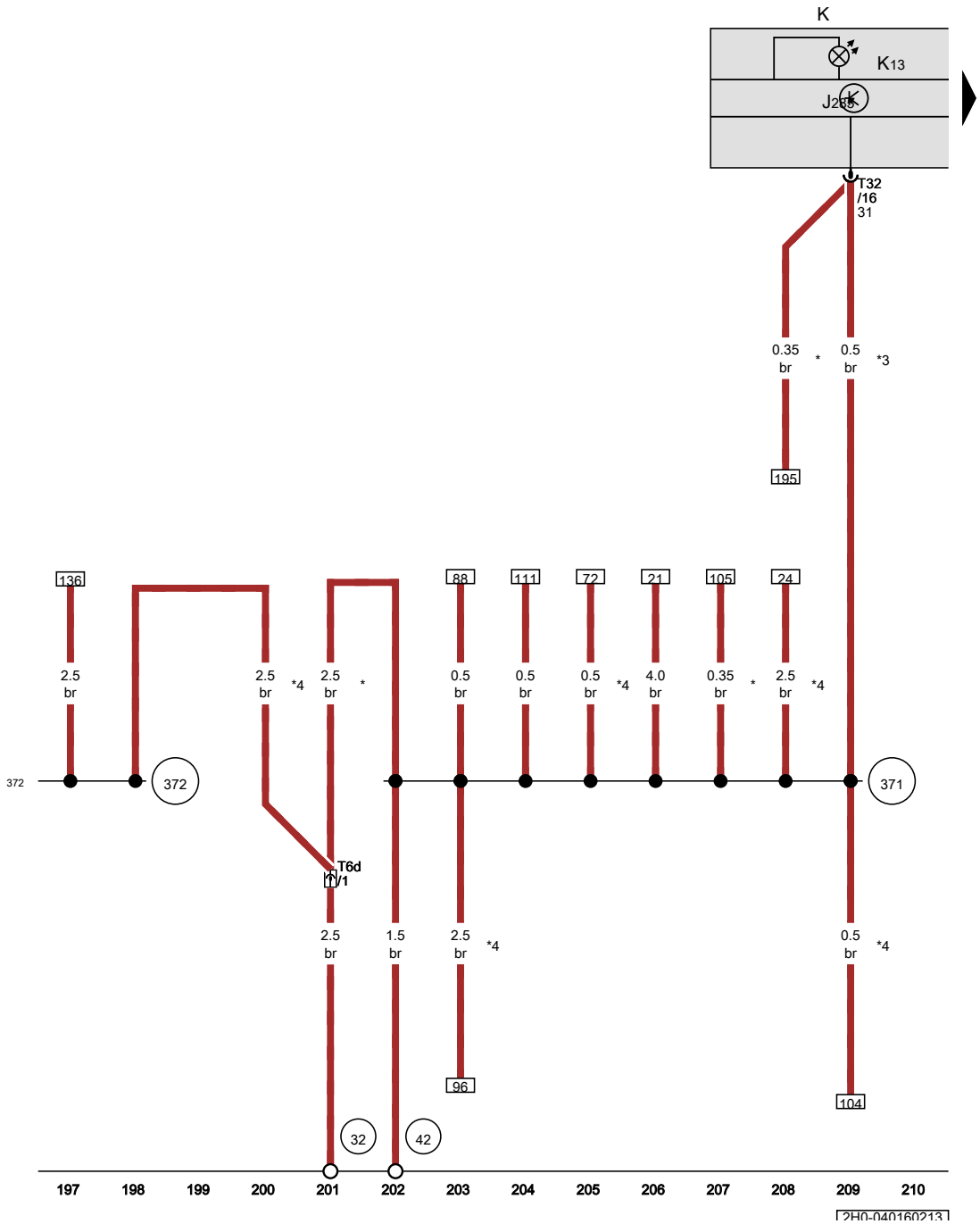

Dash panel insert

J285	Control unit in dash panel insert
K	Dash panel insert
K13	Rear fog light warning lamp
T6d	6-pin connector, on relay carrier, grey
T32	32-pin connector, blue
32	Earth point, on left behind dash panel
42	Earth point, next to steering column
371	Earth connection 6, in main wiring harness
372	Earth connection 7, in main wiring harness
*	Up to November 2011
*2	see applicable current flow diagram
*3	From December 2011
*4	From November 2011

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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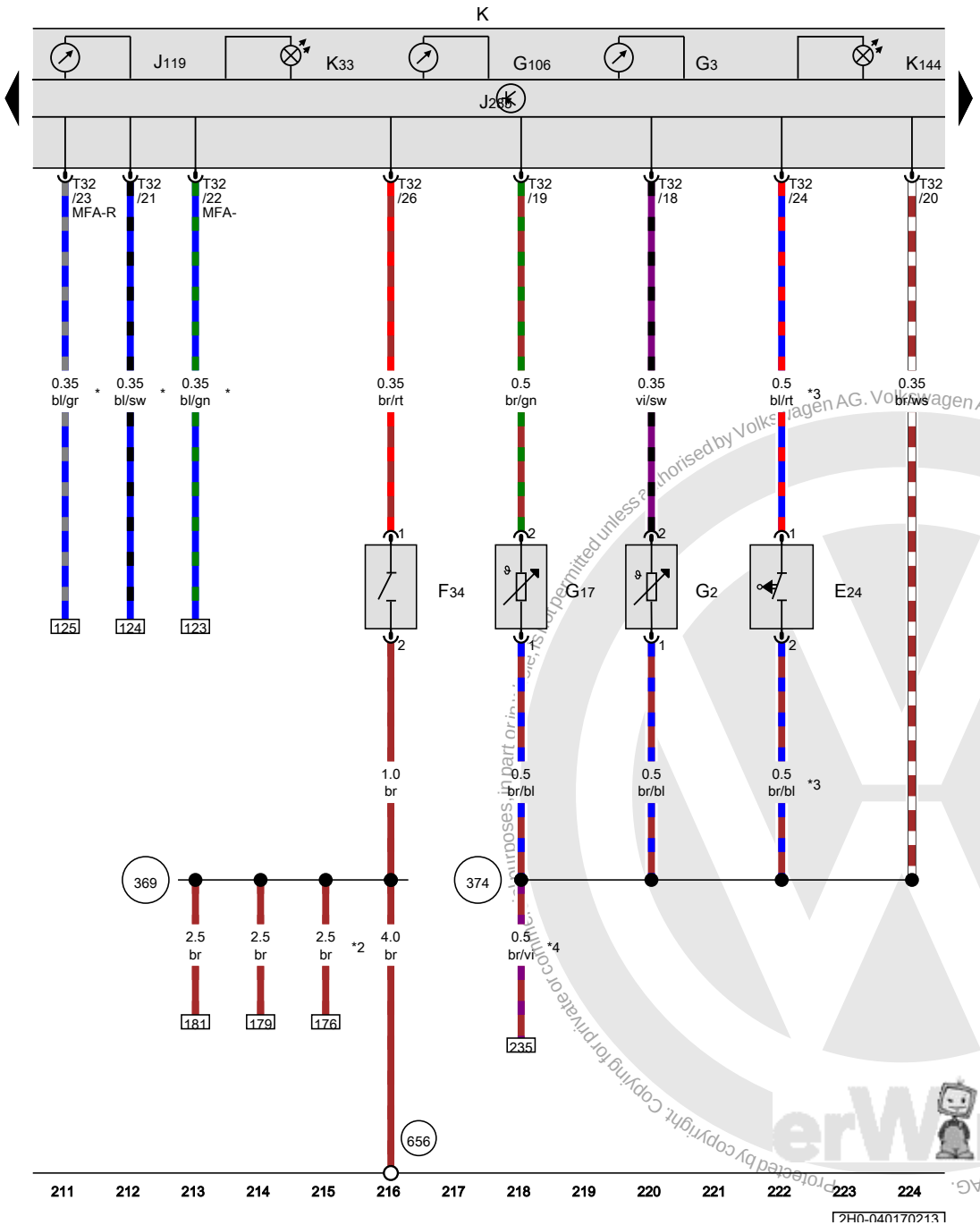

Driver side belt switch, Brake fluid level warning contact, Coolant temperature display sender, Coolant temperature gauge, Ambient temperature sensor, Ambient temperature indicator, Multifunction indicator, Dash panel insert, Brake fluid level warning lamp, Driver side airbag deactivated warning lamp

E24	Driver side belt switch
F34	Brake fluid level warning contact
G2	Coolant temperature display sender
G3	Coolant temperature gauge
G17	Ambient temperature sensor
G106	Ambient temperature indicator
J119	Multifunction indicator
J285	Control unit in dash panel insert
K	Dash panel insert
K33	Brake fluid level warning lamp
K144	Driver side airbag deactivated warning lamp
T32	32-pin connector, blue
369	Earth connection 4, in main wiring harness
374	Earth connection 9, in main wiring harness
656	Earth point, on right headlight, on right on bulkhead
*	Only models with multifunction display
*2	Only models with basic equipment
*3	Only models with no airbag
*4	see applicable current flow diagram for engine

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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li	=	purple
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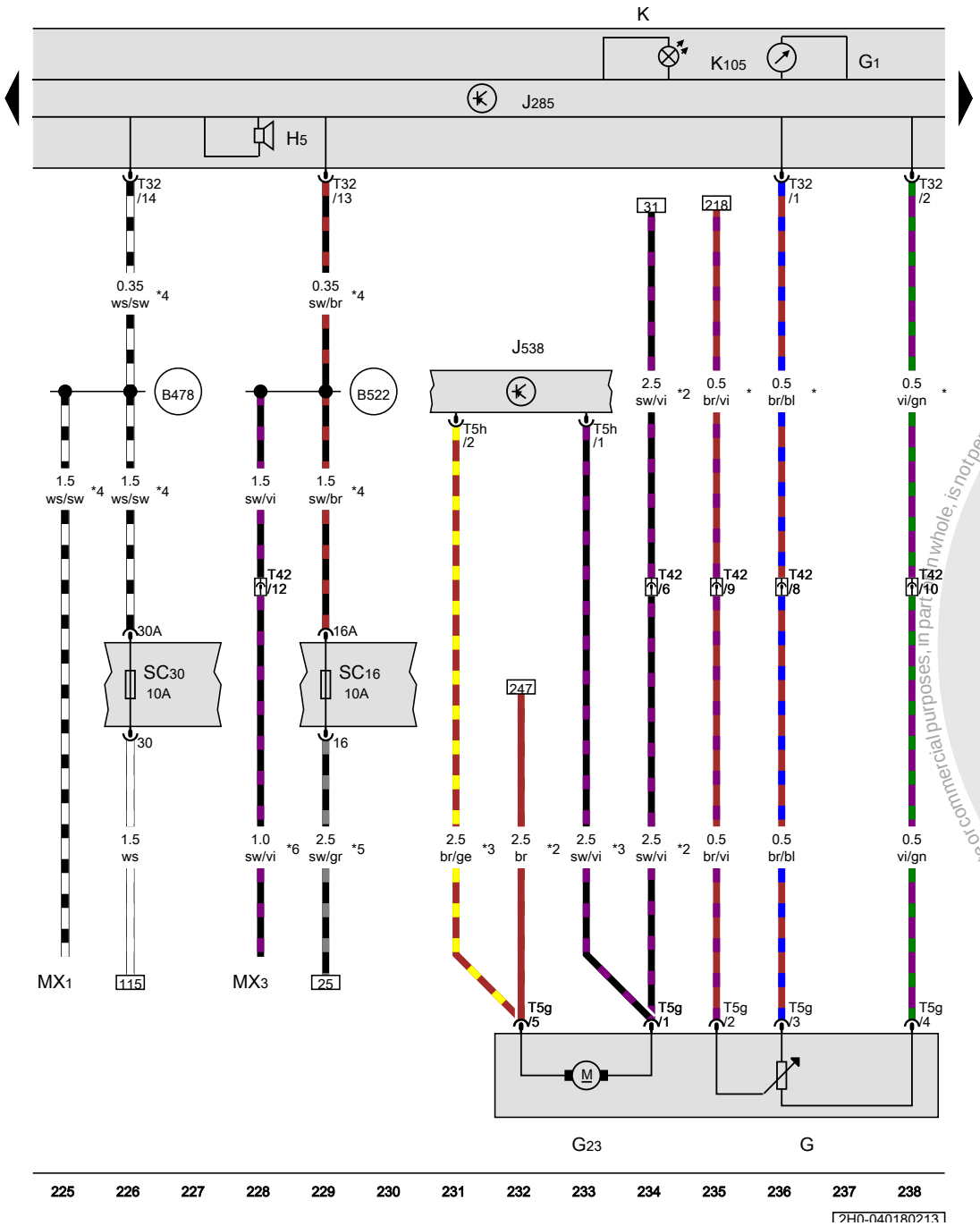

Fuel gauge, Fuel pump, Ignition and starter key warning system buzzer and gong, Fuel pump control unit, Dash panel insert, Reserve fuel warning lamp

G	Fuel gauge sender
G1	Fuel gauge
G23	Fuel pump
H5	Ignition and starter key warning system buzzer and gong
J285	Control unit in dash panel insert
J538	Fuel pump control unit
K	Dash panel insert
K105	Reserve fuel warning lamp
MX1	Front left headlight
MX3	Left tail light
SC16	Fuse 16 on fuse holder C
SC30	Fuse 30 on fuse holder C
T5g	5-pin connector, black
T5h	5-pin connector, black
T32	32-pin connector, blue
T42	42-pin connector, near handbrake lever, black
B478	Connection 14, in main wiring harness
B522	Connection (FL), in main wiring harness
*	see applicable current flow diagram for engine
*2	Only models with diesel engine
*3	Only models with petrol engine
*4	Only models with no start/stop system
*5	see applicable current flow diagram
*6	Only models with no towing bracket

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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vi	=	purple
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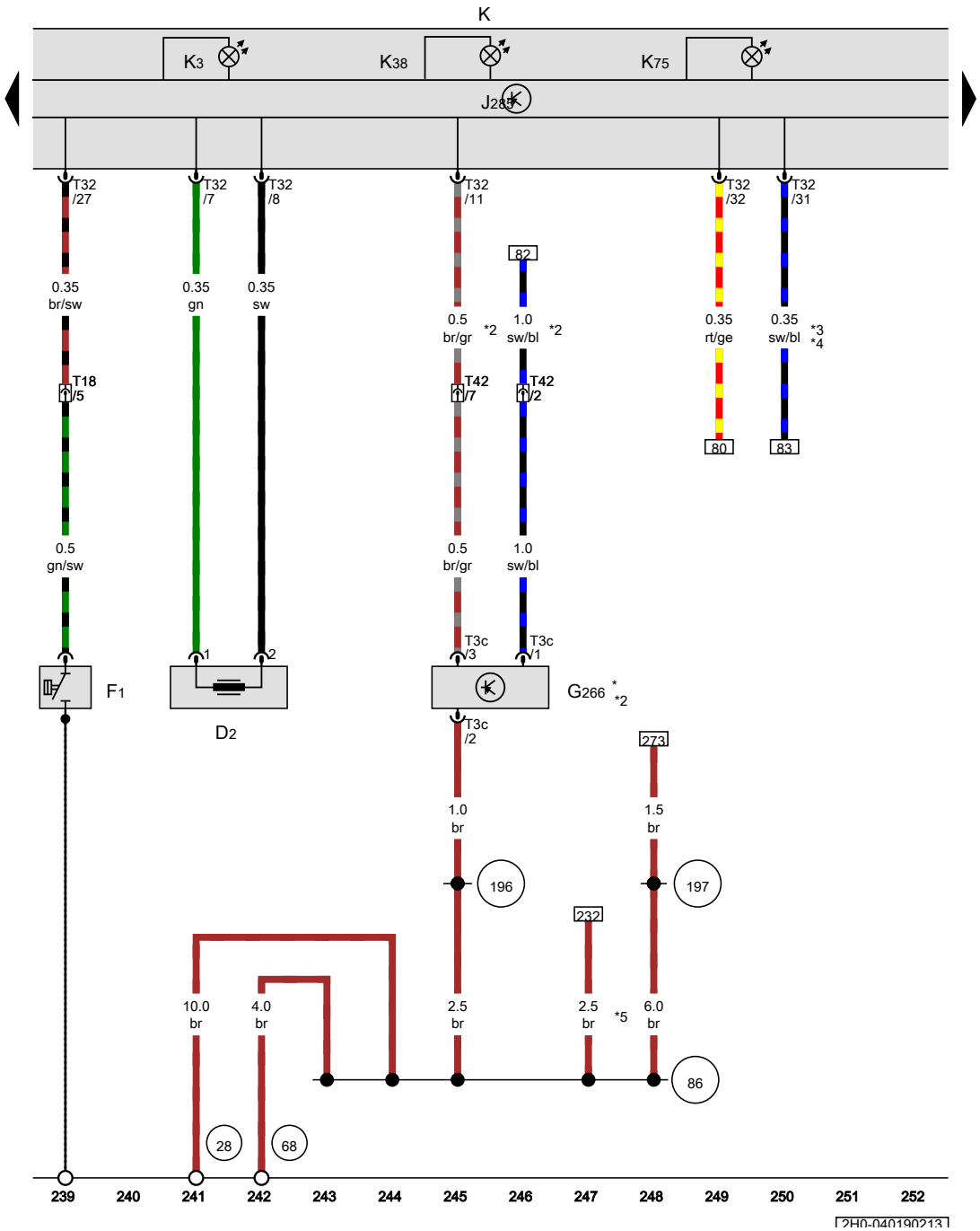

Immobiliser reader coil, Oil pressure switch, Oil level and oil temperature sender, Dash panel insert, Oil pressure warning lamp, Oil level warning lamp

D2	Immobiliser reader coil, on ignition/starter switch
F1	Oil pressure switch
G266	Oil level and oil temperature sender
J285	Control unit in dash panel insert
K	Dash panel insert
K3	Oil pressure warning lamp
K38	Oil level warning lamp
K75	Airbag warning lamp
T3c	3-pin connector, black
T18	18-pin connector, near engine control unit, black
T32	32-pin connector, blue
T42	42-pin connector, near handbrake lever, black
28	Earth point, on bulkhead
68	Earth point, on left of rear cross member
86	Earth connection 1, in rear wiring harness
196	Earth connection 3, in rear wiring harness
197	Earth connection 4, in rear wiring harness
*	see applicable current flow diagram for engine
*2	Only models with Euro 5 emission standard
*3	If fitted
*4	Country specific
*5	Only models with diesel engine

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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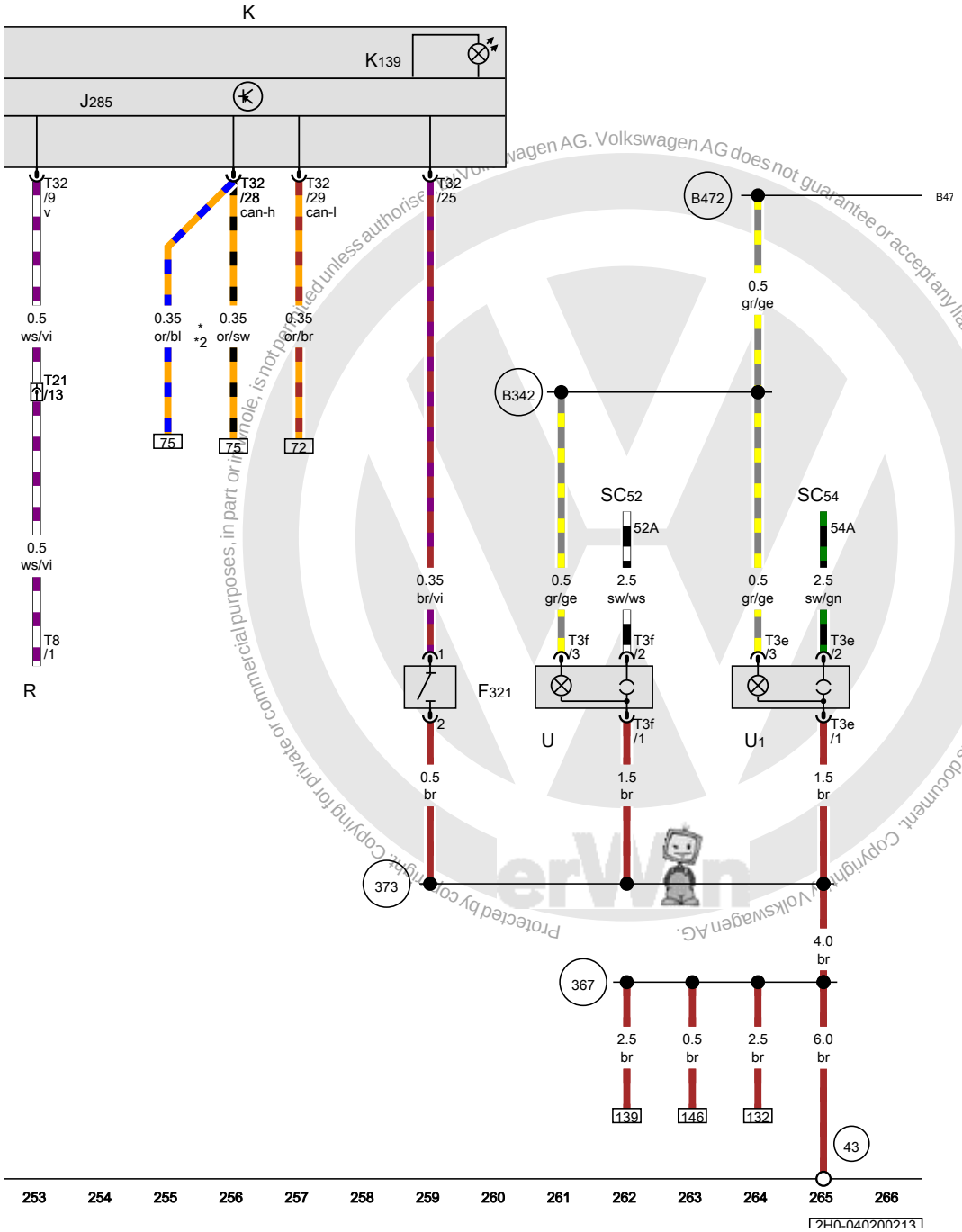

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Parking brake contact switch, Dash panel insert, Radio, Electric socket, Cigarette lighter

F321	Parking brake contact switch
J285	Control unit in dash panel insert
K	Dash panel insert
K139	Handbrake warning lamp
R	Radio
SC52	Fuse 52 on fuse holder C
SC54	Fuse 54 on fuse holder C
T3e	3-pin connector, black
T3f	3-pin connector, grey
T8	8-pin connector
T21	21-pin connector, on heater and air conditioner unit, front passenger footwell
T32	32-pin connector, blue
U	Electric socket
U1	Cigarette lighter
43	Earth point, lower part of right A-pillar
367	Earth connection 2, in main wiring harness
373	Earth connection 8, in main wiring harness
B342	Connection 3 (58d), in main wiring harness
B472	Connection 8, in main wiring harness
*	Only models with start/stop system
*2	From July 2011

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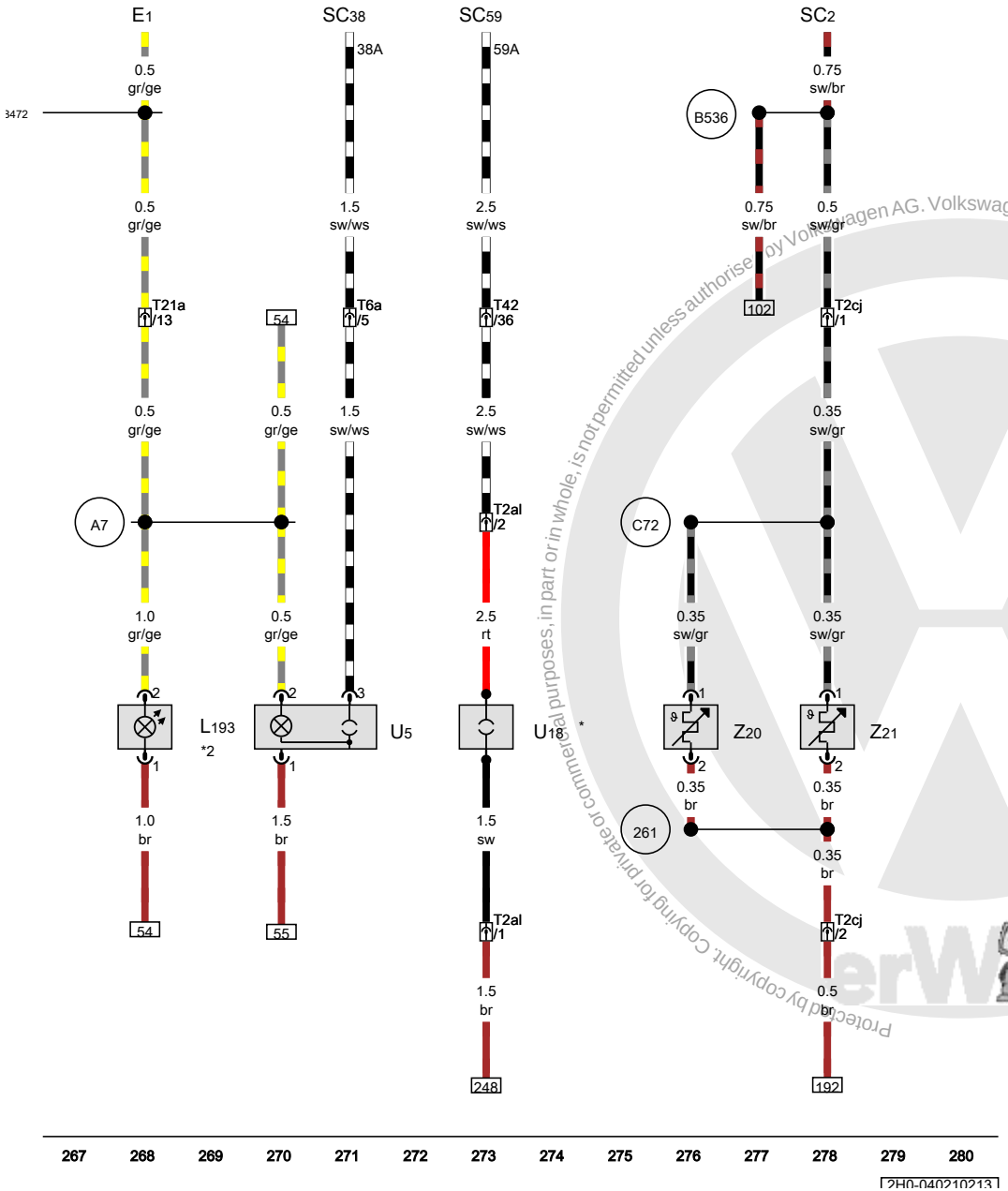

Light switch, Light 1 for front centre console background lighting, 12 V socket, Left washer jet heater element

E1	Light switch
L193	Light 1 for front centre console background lighting
SC2	Fuse 2 on fuse holder C
SC38	Fuse 38 on fuse holder C
SC59	Fuse 59 on fuse holder C
T2al	2-pin connector, black
T2cj	2-pin connector, near window wiper motor, black
T6a	6-pin connector, on relay carrier, grey
T21a	21-pin connector, on relay carrier, brown
T42	42-pin connector, near handbrake lever, black
U5	12 V socket
U18	12 V socket 2
Z20	Left washer jet heater element
Z21	Right washer jet heater element
261	Earth connection, in heated washer jet wiring harness
A7	Positive connection (58 D1), in dash panel wiring harness
B472	Connection 8, in main wiring harness
B536	Connection 27, in main wiring harness
C72	Positive connection in heated washer jet wiring harness
*	Special equipment
*2	Only models with Highline equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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Preparation for mobile telephone , (9W7)

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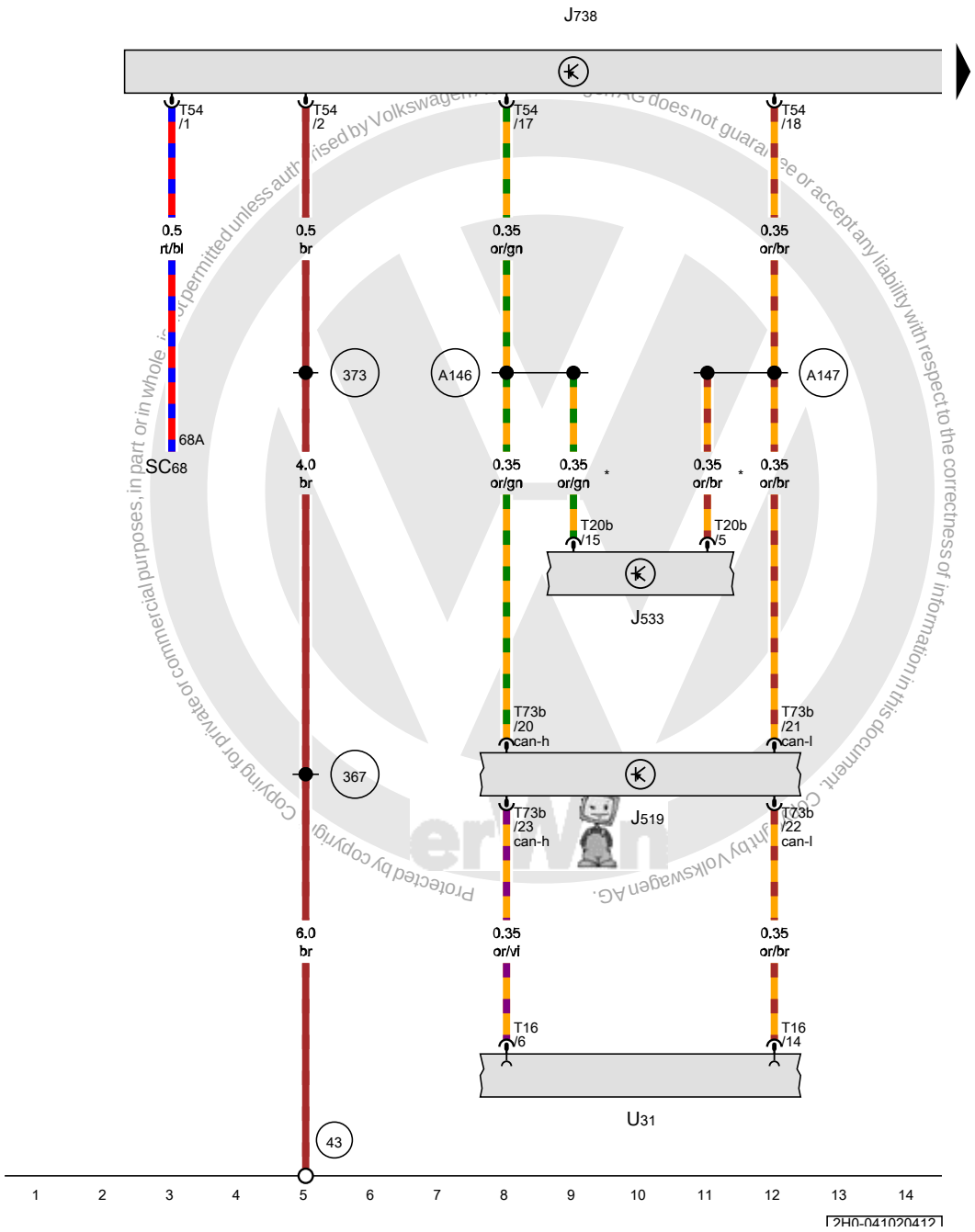

Onboard supply control unit, Data bus diagnostic interface, Telephone controls control unit, Fuse 68 on fuse holder C

J519	Onboard supply control unit
J533	Data bus diagnostic interface
J738	Telephone controls control unit, under centre console
SC68	Fuse 68 on fuse holder C
T16	16-pin connector, black
T20b	20-pin connector, black
T54	54-pin connector, black
T73b	73-pin connector
U31	Diagnostic connection
43	Earth point, lower part of right A-pillar
367	Earth connection 2, in main wiring harness
373	Earth connection 8, in main wiring harness
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
*	Only models with start/stop system

ws	=	white
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gr	=	grey
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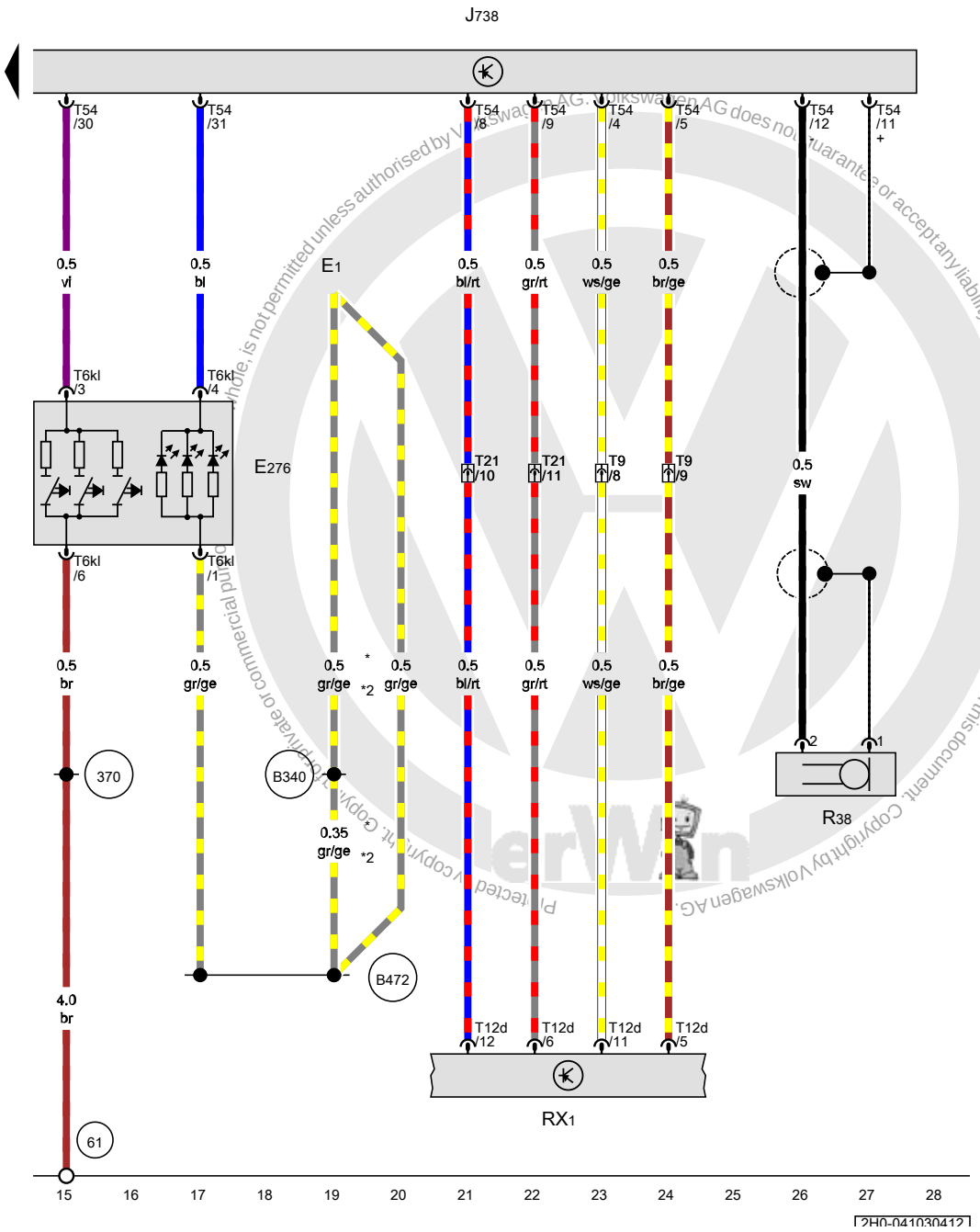

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Emergency assistance call button, Telephone controls control unit, Radio/RNS, Telephone microphone

E1	Light switch
E276	Emergency assistance call button, near interior mirror
J738	Telephone controls control unit, under centre console
RX1	Radio/RNS
R38	Telephone microphone
T6kl	6-pin connector
T9	9-pin connector, on relay carrier, yellow
T12d	12-pin connector, green
T21	21-pin connector, on relay carrier, blue
T54	54-pin connector, black
61	Earth point, left C-pillar
370	Earth connection 5, in main wiring harness
B340	Connection 1 (58d), in main wiring harness
B472	Connection 8, in main wiring harness
*	From November 2011
*2	Only models with no start/stop system

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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8-speed automatic gearbox with Tiptronic , CSHA,(G1G)

From September 2011

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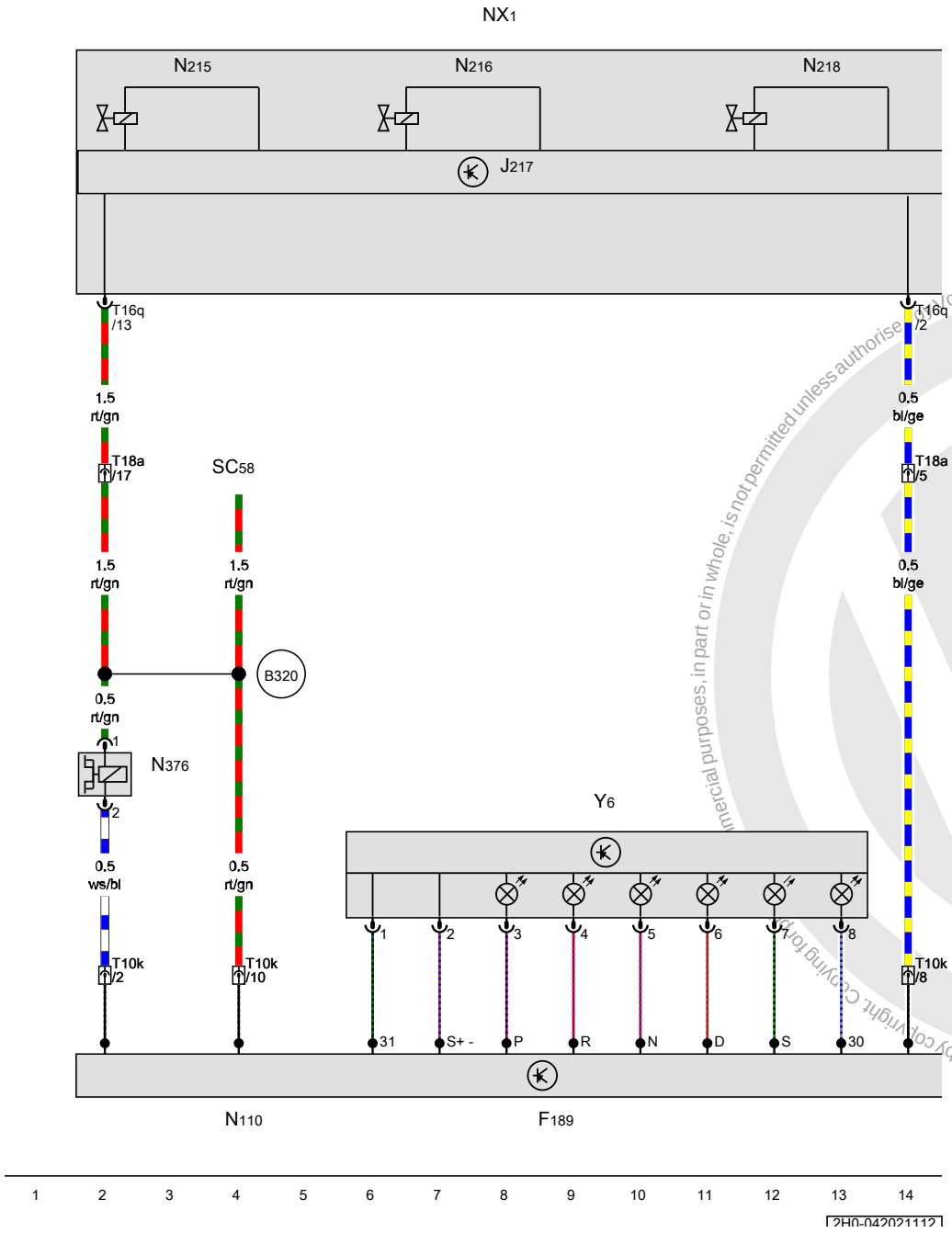

Tiptronic switch, Gearbox, Ignition key withdrawal lock solenoid, Fuse 58 on fuse holder C, Selector lever position display

F189	Tiptronic switch
J217	Automatic gearbox control unit
NX1	Gearbox, in gearbox
N110	Selector lever lock solenoid
N215	Automatic gearbox pressure regulating valve 1
N216	Automatic gearbox pressure regulating valve 2
N218	Automatic gearbox pressure regulating valve 4
N376	Ignition key withdrawal lock solenoid
SC58	Fuse 58 on fuse holder C
T10k	10-pin connector, in centre console, near handbrake lever, black
T16q	16-pin connector, black
T18a	18-pin connector, near battery, grey
Y6	Selector lever position display
B320	Positive connection 6 (30a) in main wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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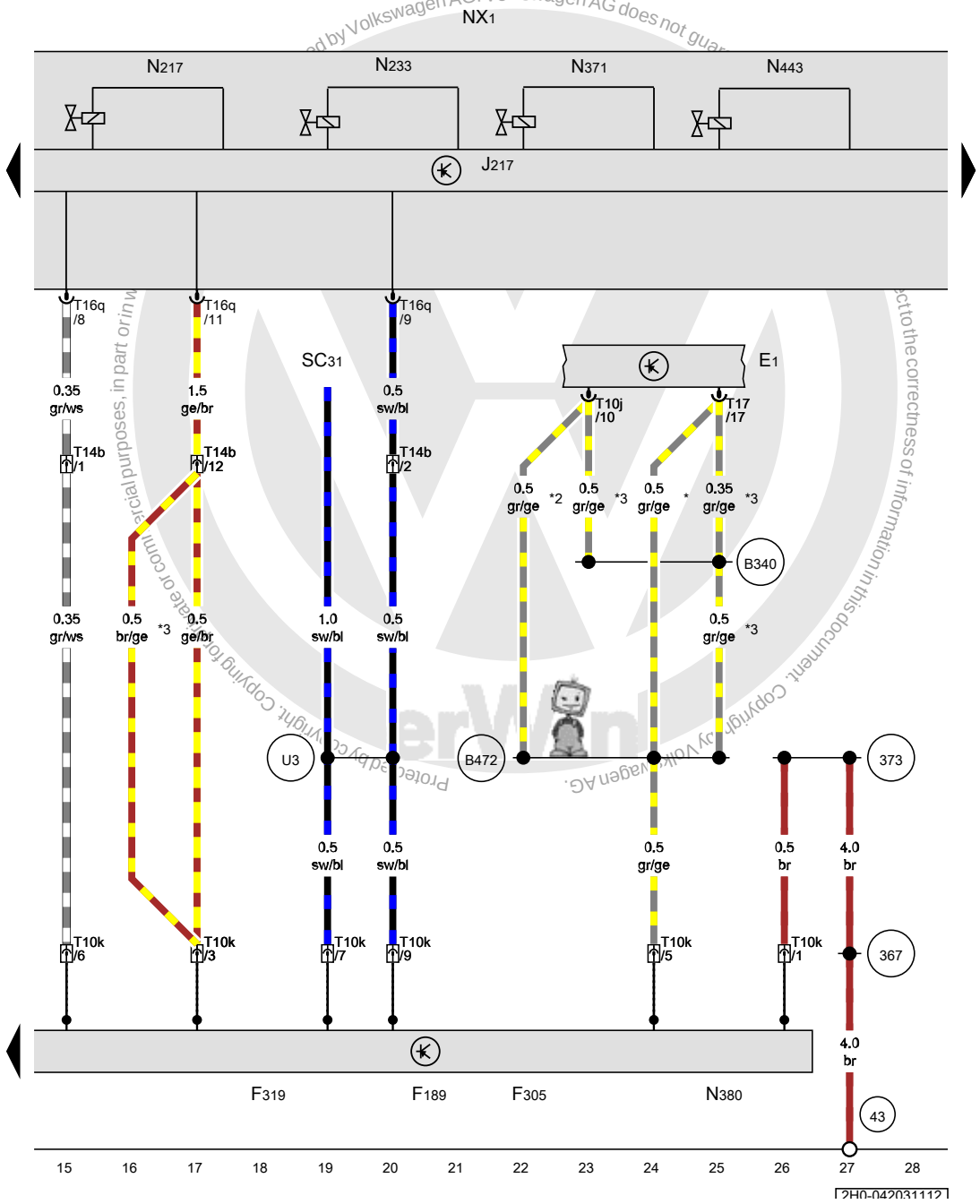

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Light switch, Tiptronic switch, Gearbox

E1	Light switch
F189	Tiptronic switch
F305	Gear selector position P switch
F319	Selector lever locked in position P switch
J217	Automatic gearbox control unit
NX1	Gearbox, in gearbox
N217	Automatic gearbox pressure regulating valve 3
N233	Automatic gearbox pressure regulating valve 5
N371	Automatic gearbox pressure regulating valve 6
N380	Selector lever position P solenoid
N443	Automatic gearbox pressure regulating valve 7
SC31	Fuse 31 on fuse holder C
T10j	10-pin connector
T10k	10-pin connector, in centre console, near handbrake lever, black
T14b	14-pin connector, near battery, black
T16q	16-pin connector
T17	17-pin connector
43	Earth point, lower part of right A-pillar
367	Earth connection 2, in main wiring harness
373	Earth connection 8, in main wiring harness
B340	Connection 1 (58d), in main wiring harness
B472	Connection 8, in main wiring harness
U3	Connection 1, in automatic gearbox wiring harness
*	Only models with no start/stop system
*2	Only models with start/stop system
*3	From November 2011

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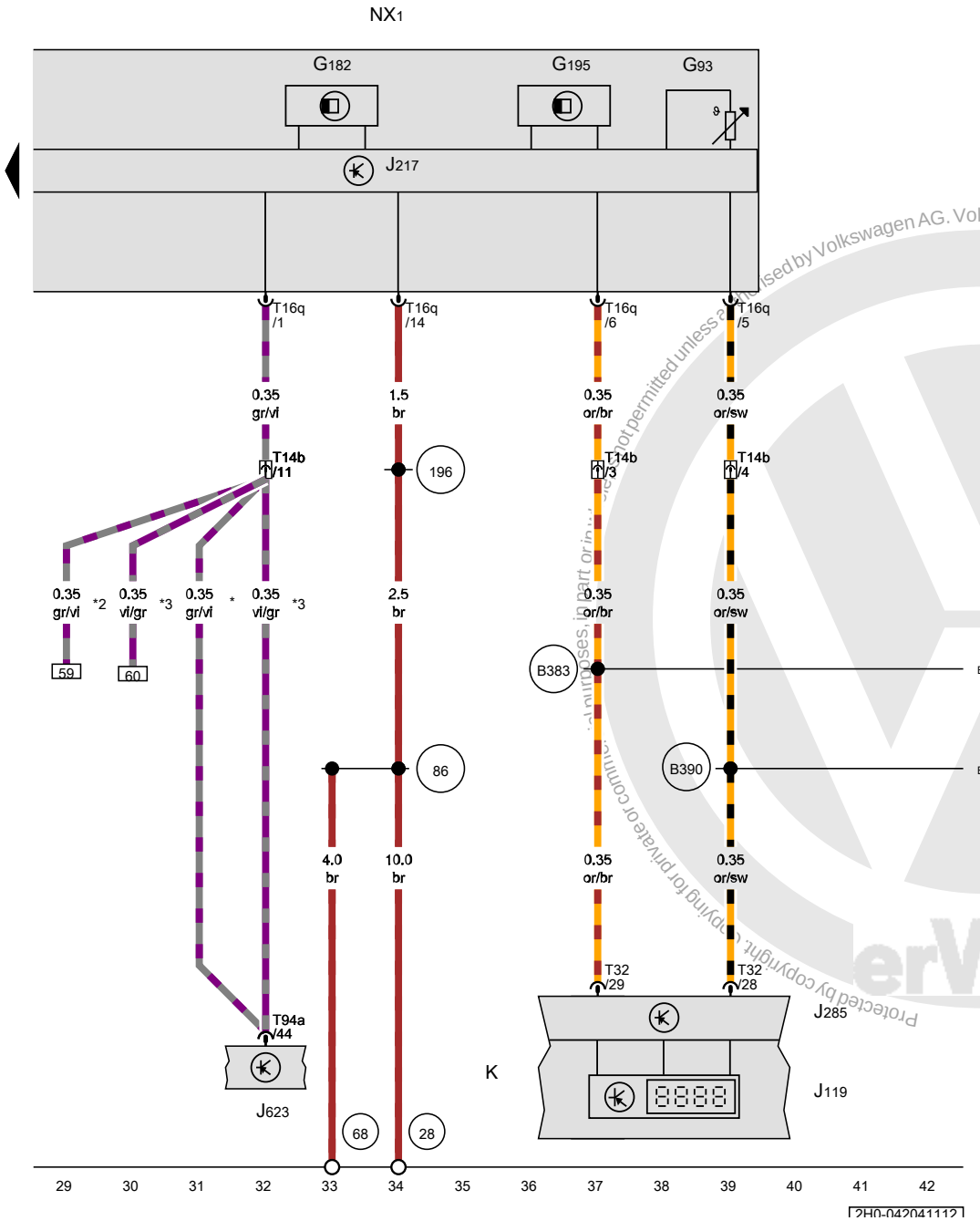

Dash panel insert, Gearbox

G93	Gearbox oil temperature sender
G182	Gearbox input speed sender
G195	Gearbox output speed sender
J119	Multifunction indicator
J217	Automatic gearbox control unit
J285	Control unit in dash panel insert
J623	Engine control unit
K	Dash panel insert
NX1	Gearbox, in gearbox
T14b	14-pin connector, near battery, black
T16q	16-pin connector
T32	32-pin connector, blue
T94a	94-pin connector, black
28	Earth point, on bulkhead
68	Earth point, on left of rear cross member
86	Earth connection 1, in rear wiring harness
196	Earth connection 3, in rear wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	Only models with start/stop system
*2	Only models with no start/stop system
*3	From November 2011

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
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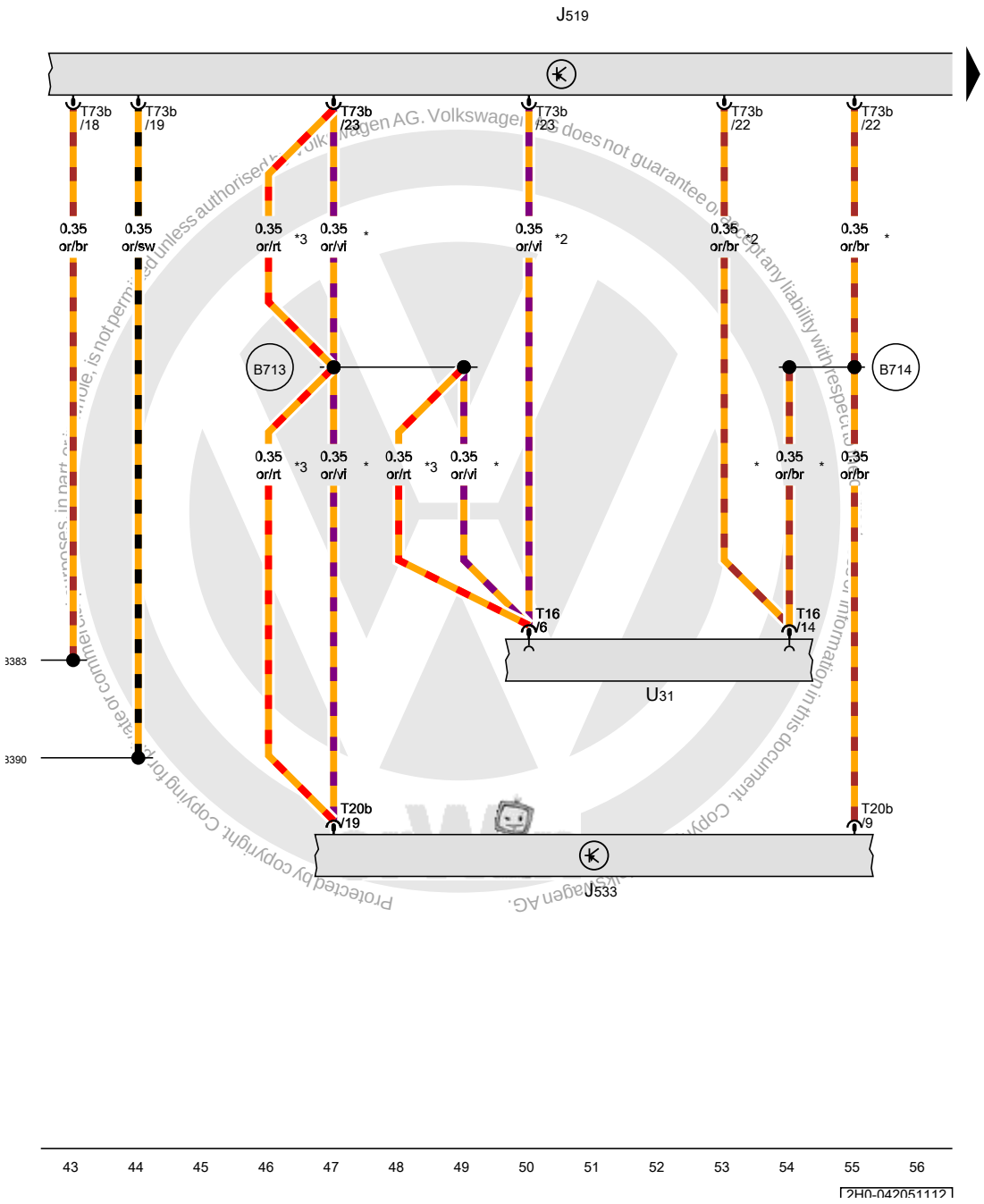

J519	Onboard supply control unit
J533	Data bus diagnostic interface
T16	16-pin connector
T20b	20-pin connector
T73b	73-pin connector
U31	Diagnostic connection
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B713	Connection 1 (CAN bus diagnosis, high), in main wiring harness
B714	Connection 1 (CAN bus diagnosis, low), in main wiring harness
*	Only models with start/stop system
*2	Only models with no start/stop system
*3	From November 2011

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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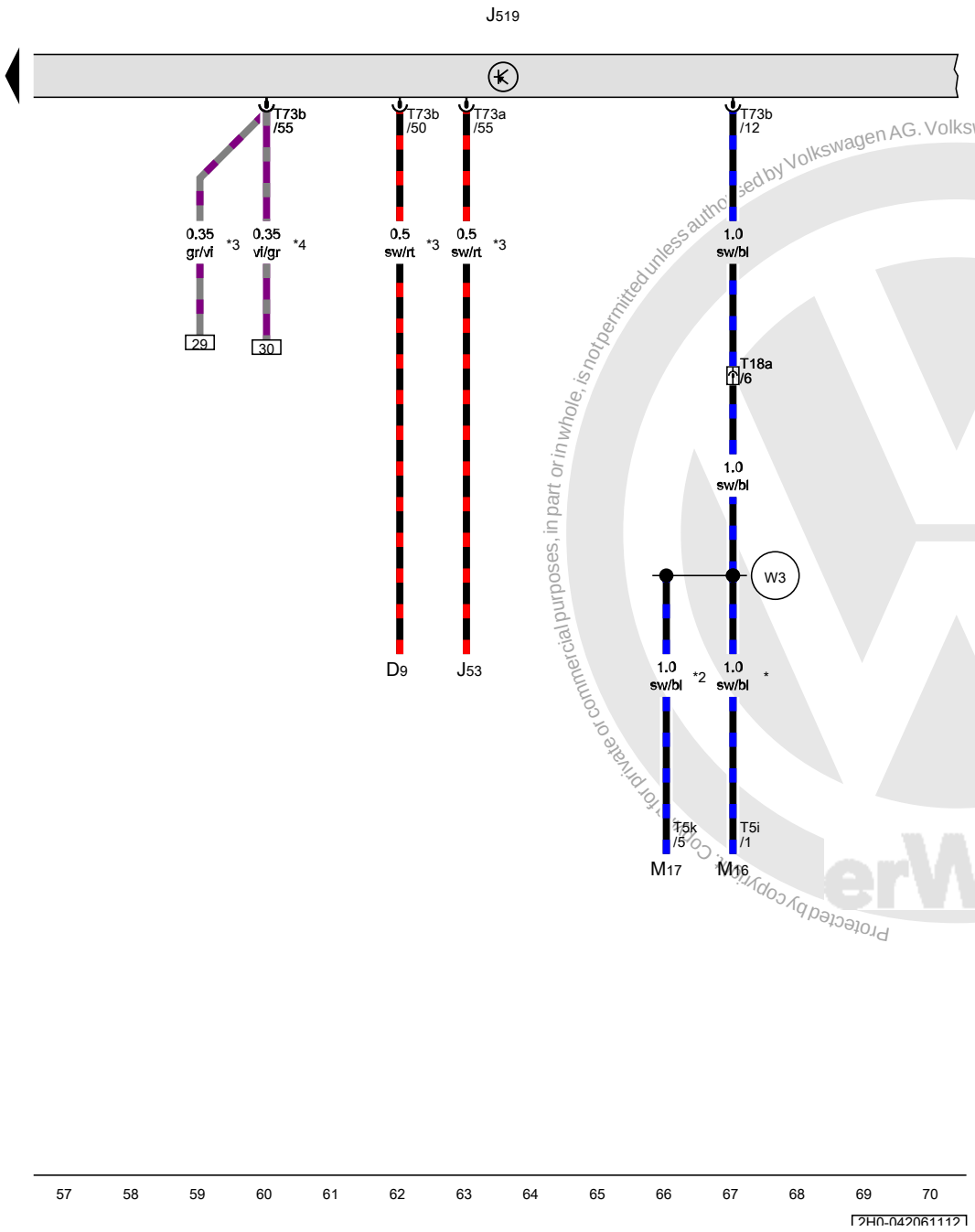

Electronic ignition lock

D9	Electronic ignition lock
J53	Starter motor relay
J519	Onboard supply control unit
M16	Left reversing light bulb
M17	Right reversing light bulb
T5i	5-pin connector
T5k	5-pin connector
T18a	18-pin connector, near battery, grey
T73a	73-pin connector
T73b	73-pin connector
W3	Connection in rear wiring harness
*	Only right-hand drive models
*2	Only left-hand drive models
*3	Only models with no start/stop system
*4	From November 2011

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
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2.0l diesel engine , CNEA, CSHA

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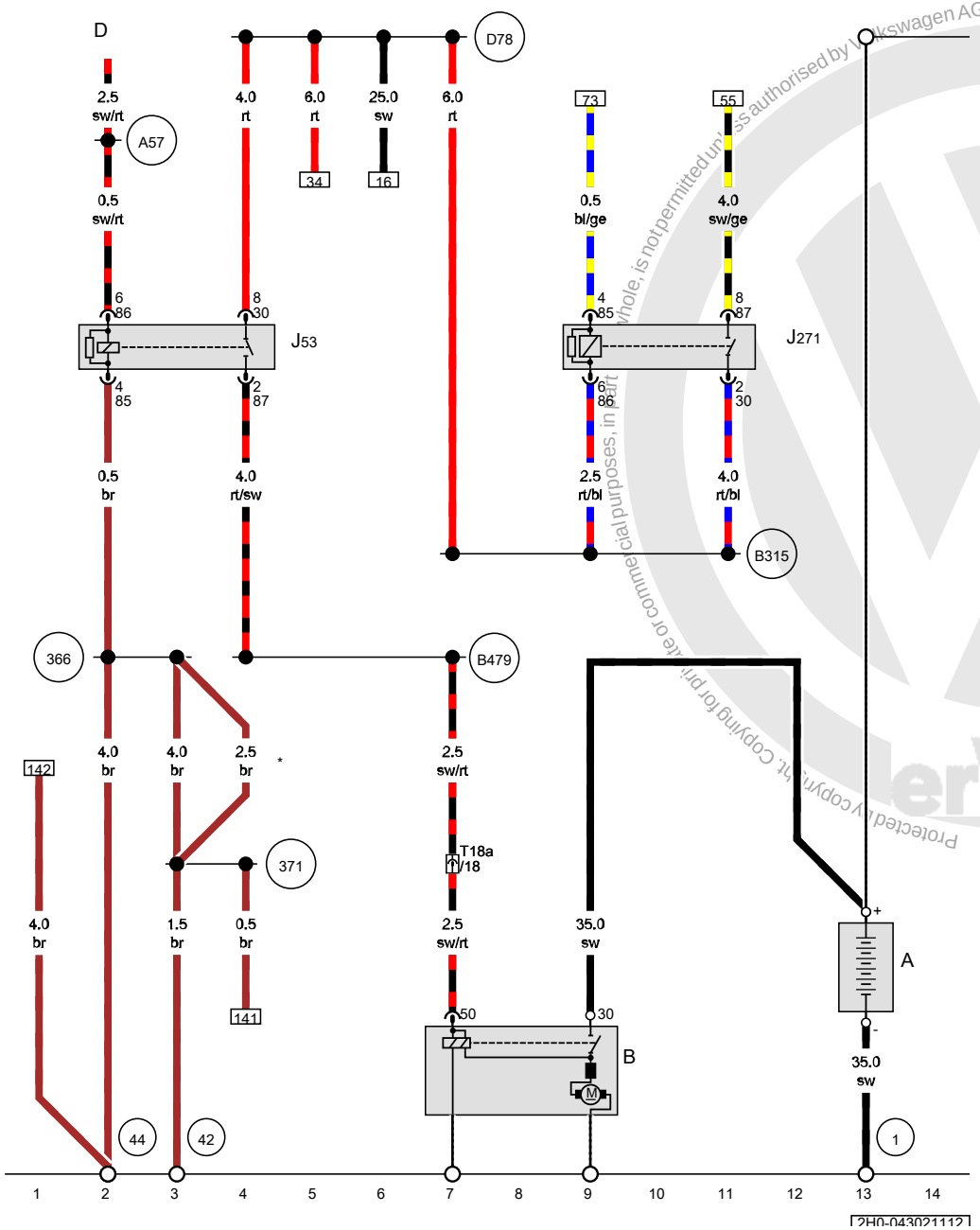
Battery, Starter, Starter motor relay, Main relay



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A	Battery
B	Starter
D	Ignition/starter switch
J53	Starter motor relay
J271	Main relay, on relay carrier
T18a	18-pin connector, near engine control unit
1	Earth strap, battery - body
42	Earth point, next to steering column
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
371	Earth connection 6, in main wiring harness
A57	Positive connection 3 (30), in dash panel wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B479	Connection 15, in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
TV1	Wiring junction
*	From November 2011

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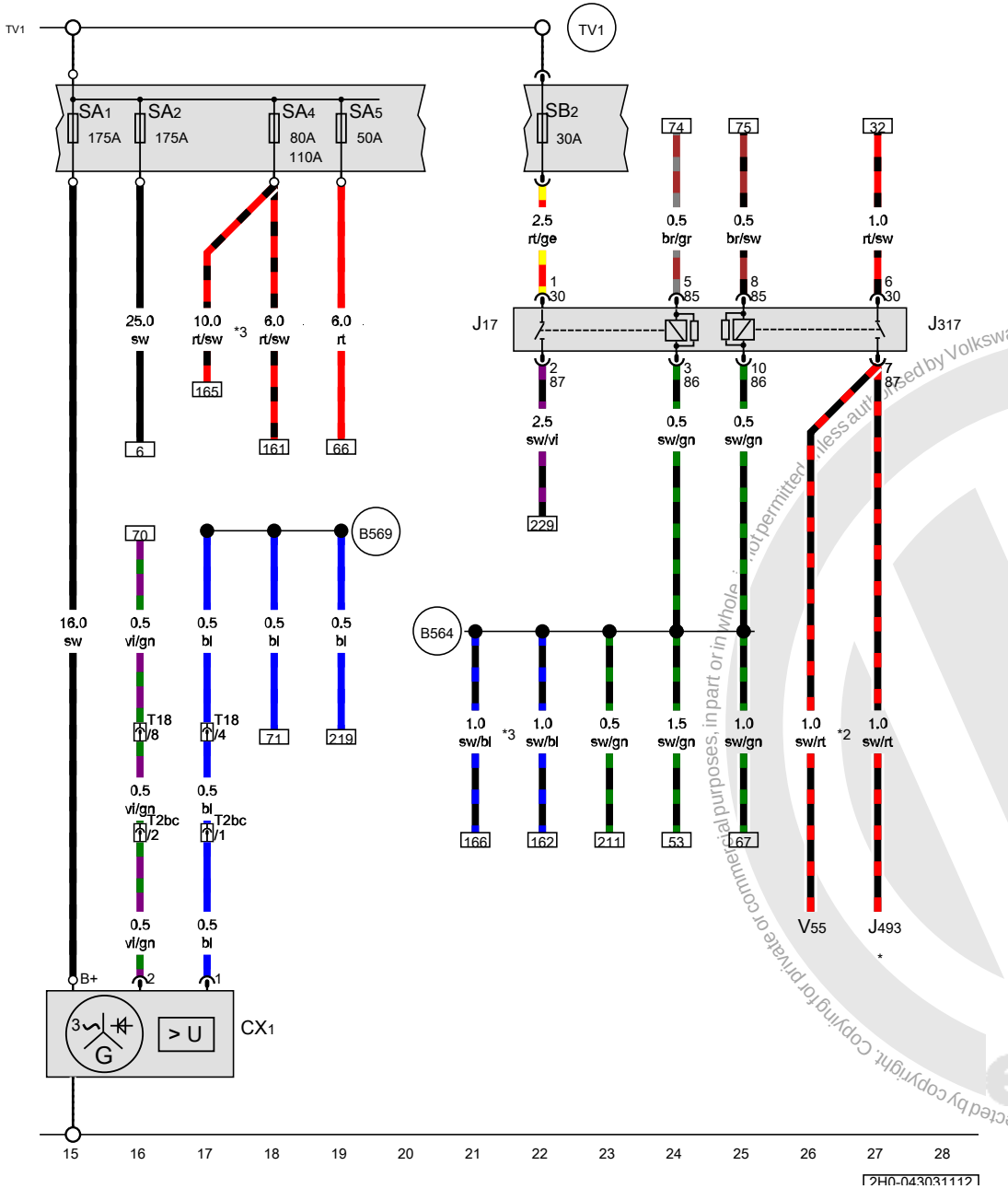

Alternator with voltage regulator, Fuel pump relay, Terminal 30 voltage supply relay, Fuse 1 in fuse holder A, Fuse 2 on fuse holder B, Fuse 4 in fuse holder A, Fuse 5 in fuse holder A

CX1	Alternator with voltage regulator
J17	Fuel pump relay
J317	Terminal 30 voltage supply relay, on relay carrier
J493	Auxiliary coolant heater relay
SA1	Fuse 1 in fuse holder A
SA2	Fuse 2 in fuse holder A
SB2	Fuse 2 on fuse holder B
SA4	Fuse 4 in fuse holder A
SA5	Fuse 5 in fuse holder A
T2bc	2-pin connector
T18	18-pin connector, near engine control unit, black
V55	Circulation pump
B564	Connection 31, in main wiring harness
B569	Connection 36, in main wiring harness
TV1	Wiring junction
*	see applicable current flow diagram for fuse assignment
*2	Only models with no air conditioning system/Climatronic
*3	Only for countries with hot climate

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
bl	=	blue
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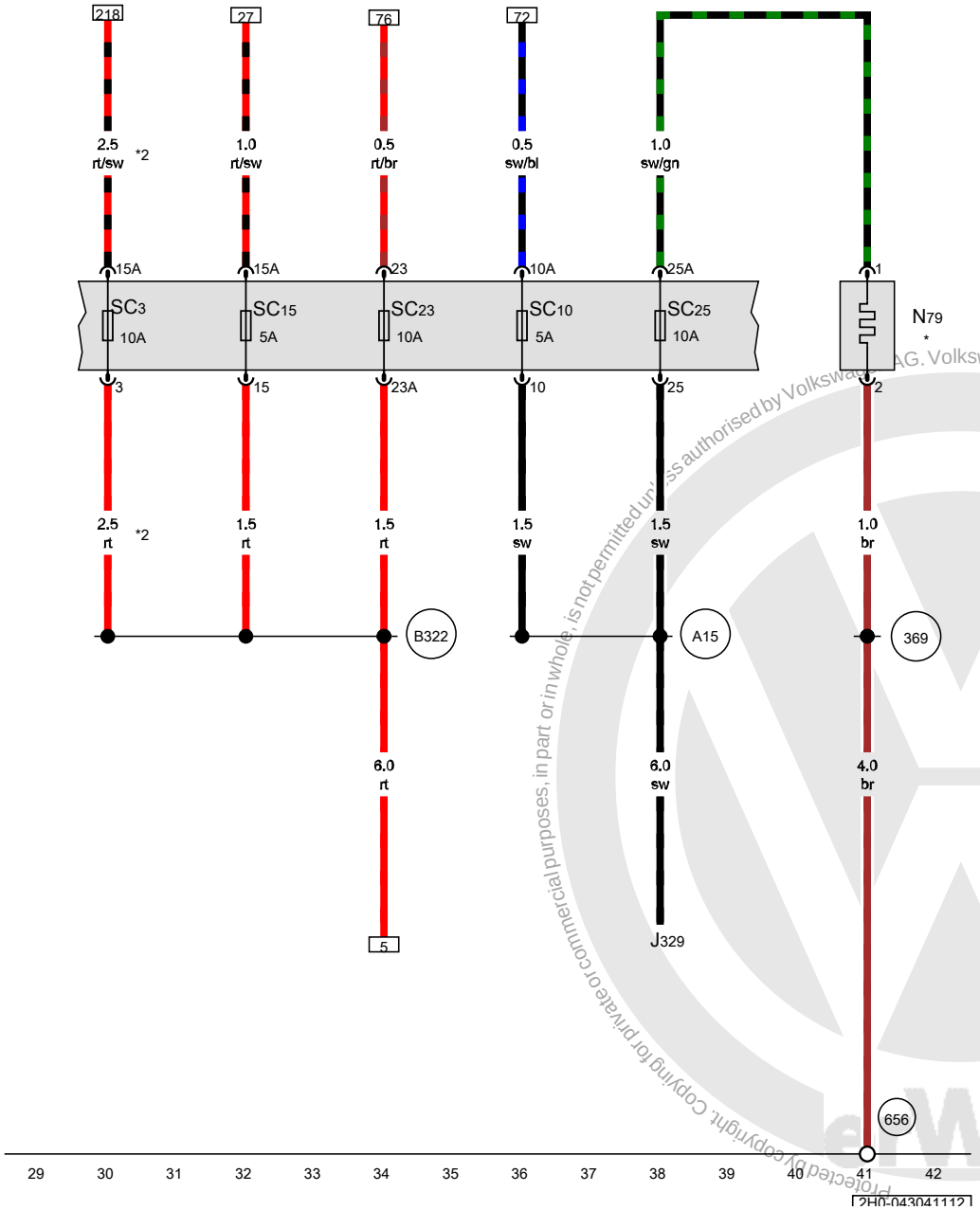

Heater element for crankcase breather, Fuse 3 on fuse holder C, Fuse 10 on fuse holder C, Fuse 15 on fuse holder C, Fuse 23 on fuse holder C, Fuse 25 on fuse holder C

J329	Terminal 15 voltage supply relay
N79	Heater element for crankcase breather
SC3	Fuse 3 on fuse holder C
SC10	Fuse 10 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC23	Fuse 23 on fuse holder C
SC25	Fuse 25 on fuse holder C
369	Earth connection 4, in main wiring harness
656	Earth point, on right headlight
A15	Positive connection (15), in instrument wiring harness
B322	Positive connection 8 (30a) in main wiring harness
*	Only models with crankcase breather heater element
*2	Only models with automatic gearbox

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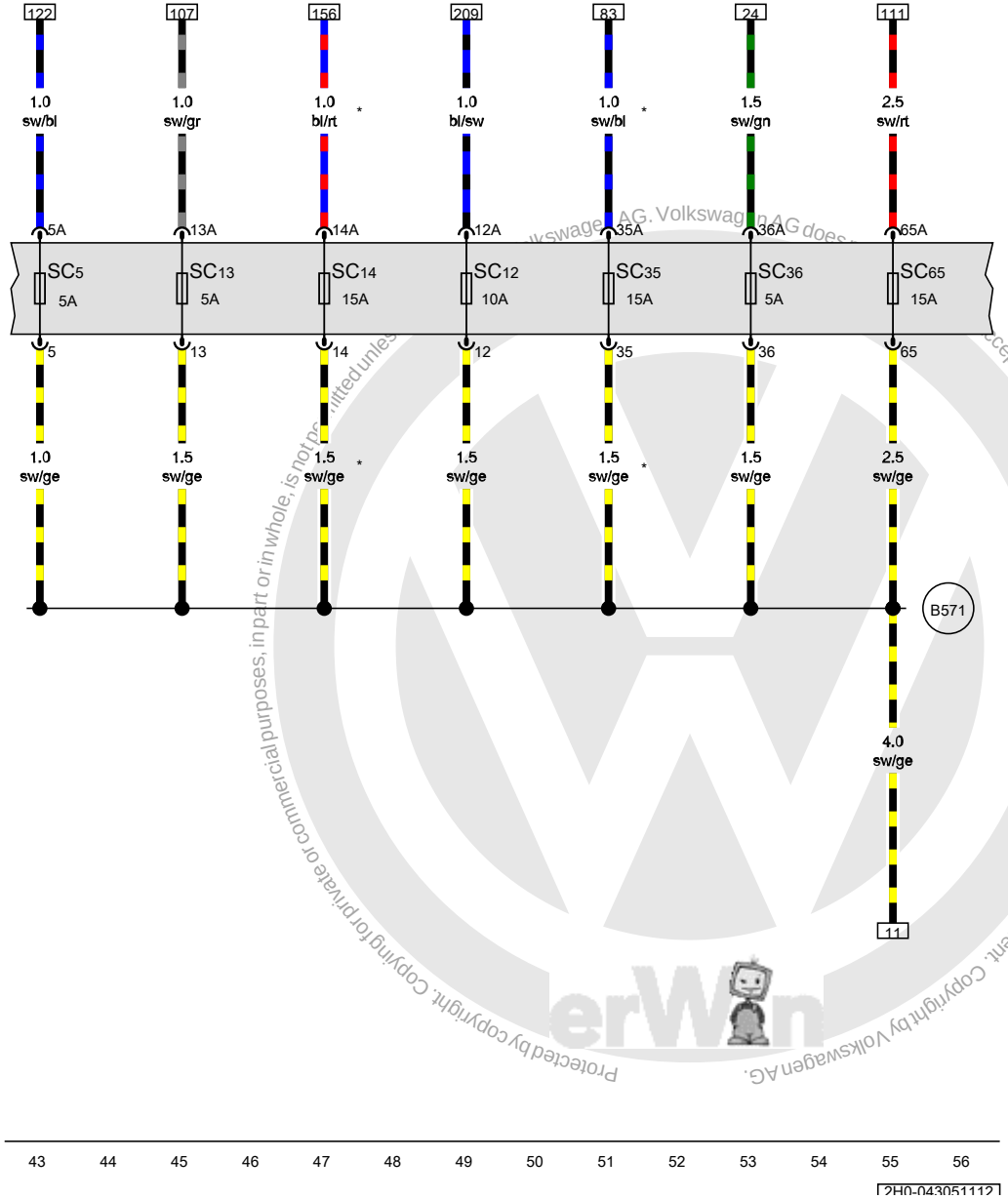

Fuse 5 on fuse holder C, Fuse 12 on fuse holder C, Fuse 13 on fuse holder C, Fuse 14 on fuse holder C, Fuse 35 on fuse holder C, Fuse 36 on fuse holder C, Fuse 65 on fuse holder C

SC5	Fuse 5 on fuse holder C
SC12	Fuse 12 on fuse holder C
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC35	Fuse 35 on fuse holder C
SC36	Fuse 36 on fuse holder C
SC65	Fuse 65 on fuse holder C
B571	Connection 38, in main wiring harness
*	Only models with Euro 5 emission standard

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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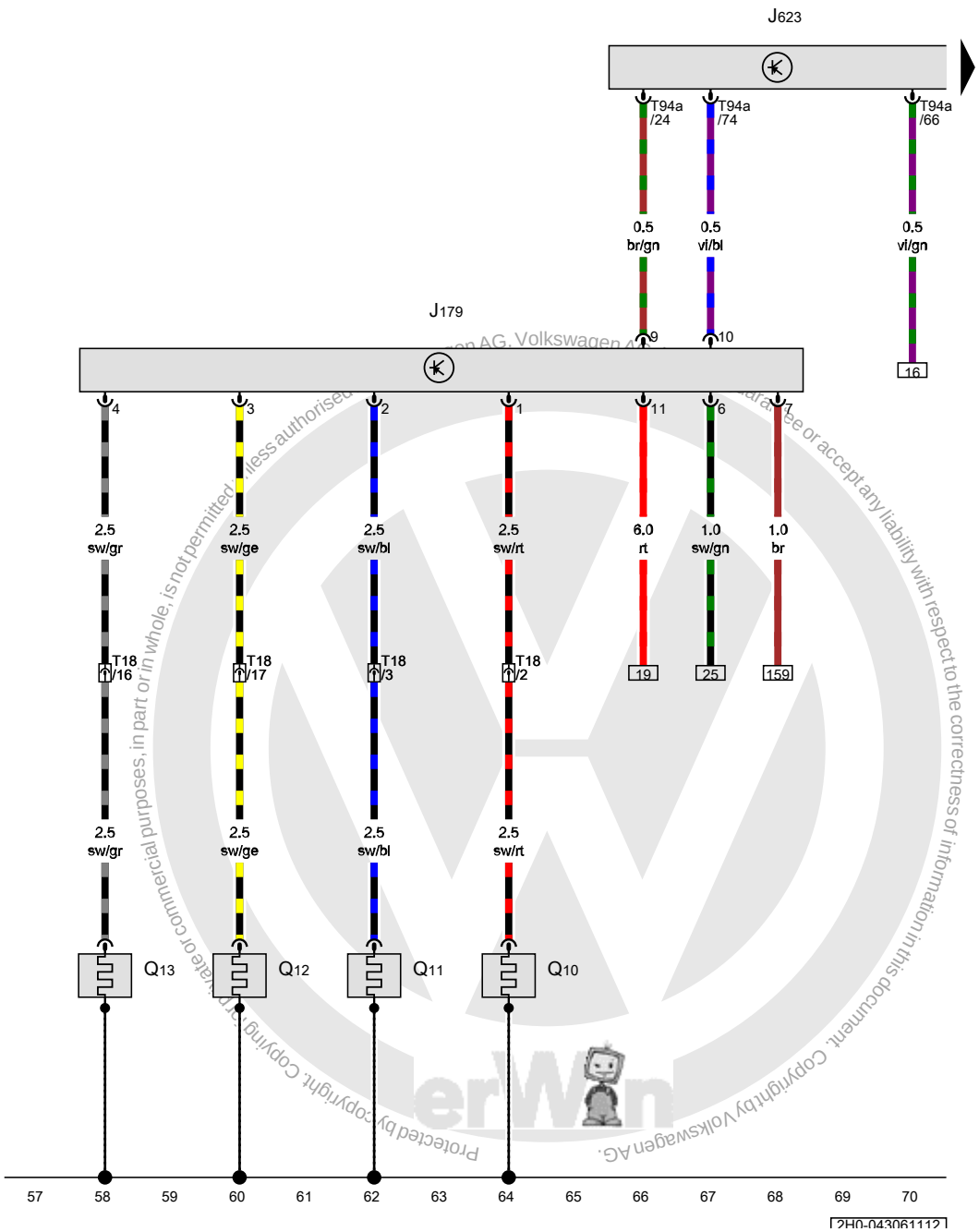
Automatic glow period control unit, Engine control unit, Glow plug 1, Glow plug 2, Glow plug 3, Glow plug 4

J179	Automatic glow period control unit, near left headlight
J623	Engine control unit, near battery
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
T18	18-pin connector, near engine control unit, black
T94a	94-pin connector, black



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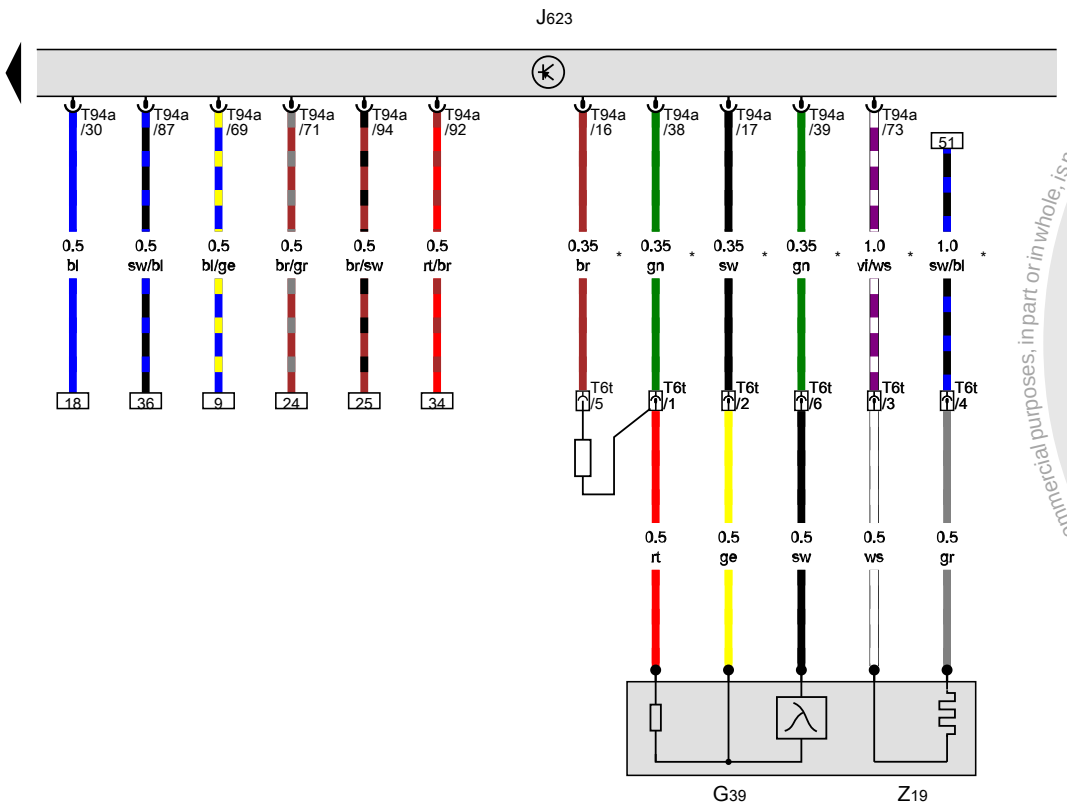

Lambda probe, Engine control unit

G39	Lambda probe
J623	Engine control unit, near battery
T6t	6-pin connector, front right in engine compartment, black
T94a	94-pin connector, black
Z19	Lambda probe heater
*	Only models with Euro 5 emission standard

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ro	=	red
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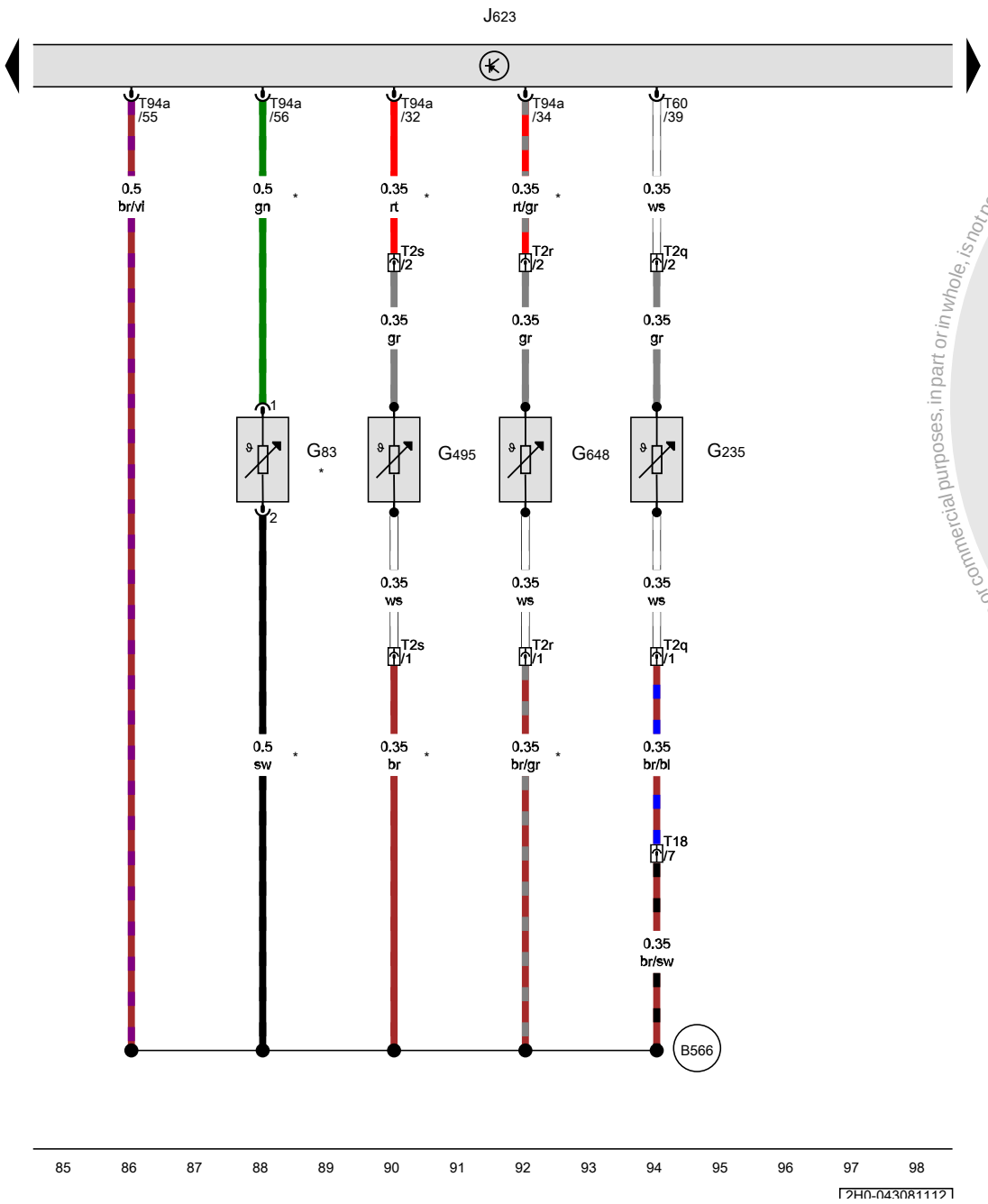

Radiator outlet coolant temperature sender, Exhaust gas temperature sender 1, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Engine control unit

G83	Radiator outlet coolant temperature sender
G235	Exhaust gas temperature sender 1
G495	Exhaust gas temperature sender 3
G648	Exhaust gas temperature sender 4
J623	Engine control unit, near battery
T2q	2-pin connector, black
T2r	2-pin connector, orange
T2s	2-pin connector, brown
T18	18-pin connector, near engine control unit, black
T60	60-pin connector, black
T94a	94-pin connector, black
B566	Connection 33, in main wiring harness
*	Only models with Euro 5 emission standard

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
bl	=	blue
gr	=	grey
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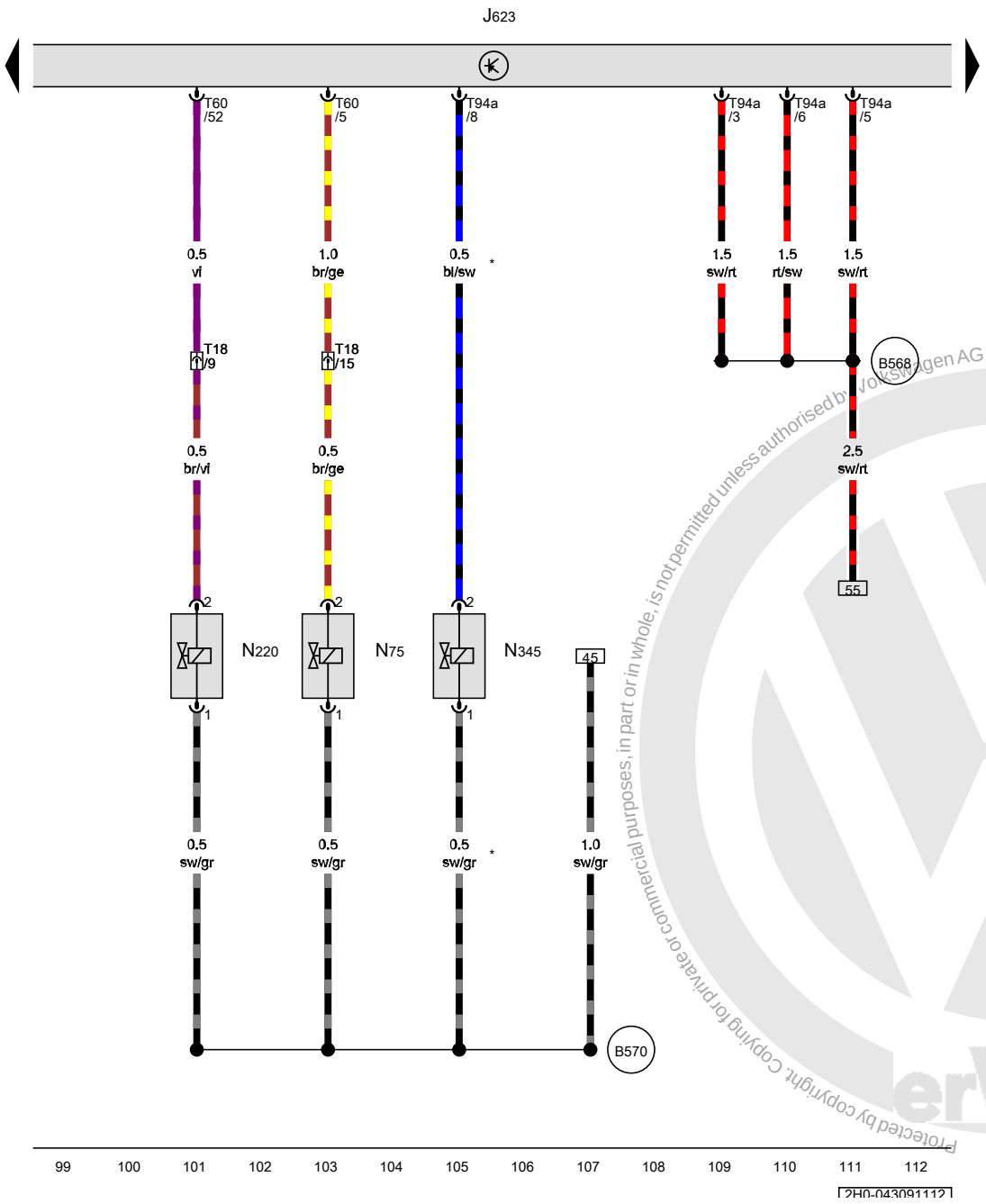
Engine control unit, Charge pressure control solenoid valve, Exhaust flap valve, Exhaust gas recirculation cooler changeover valve



J623	Engine control unit, near battery
N75	Charge pressure control solenoid valve
N220	Exhaust flap valve
N345	Exhaust gas recirculation cooler changeover valve
T18	18-pin connector, near engine control unit, black
T60	60-pin connector, black
T94a	94-pin connector, black
B568	Connection 35, in main wiring harness
B570	Connection 37, in main wiring harness
*	Only models with Euro 5 emission standard

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sw	=	black
ro	=	red
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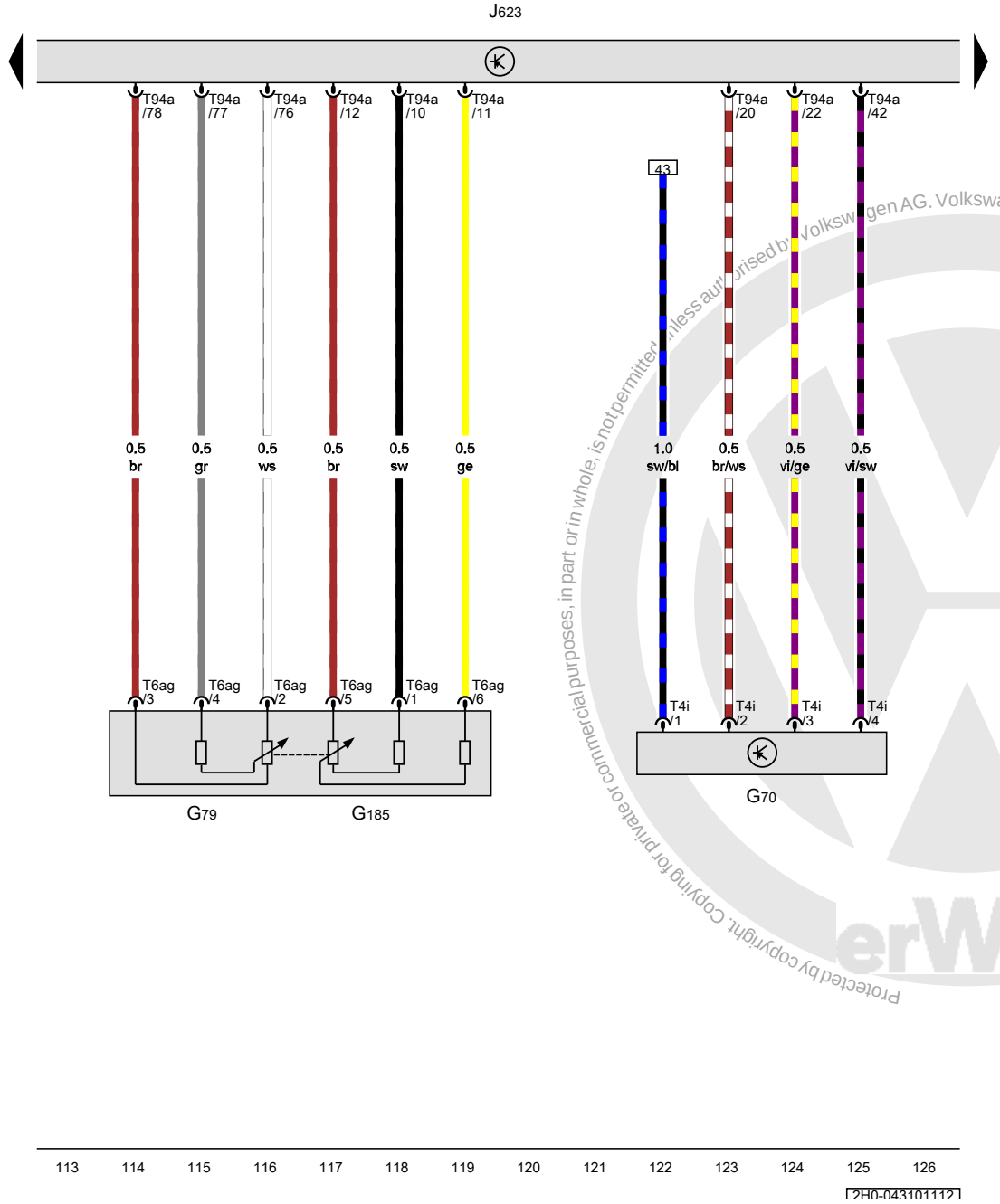
Air mass meter, Accelerator position sender, Accelerator position sender 2, Engine control unit

G70	Air mass meter
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit, near battery
T4i	4-pin connector, black
T6ag	6-pin connector
T94a	94-pin connector, black



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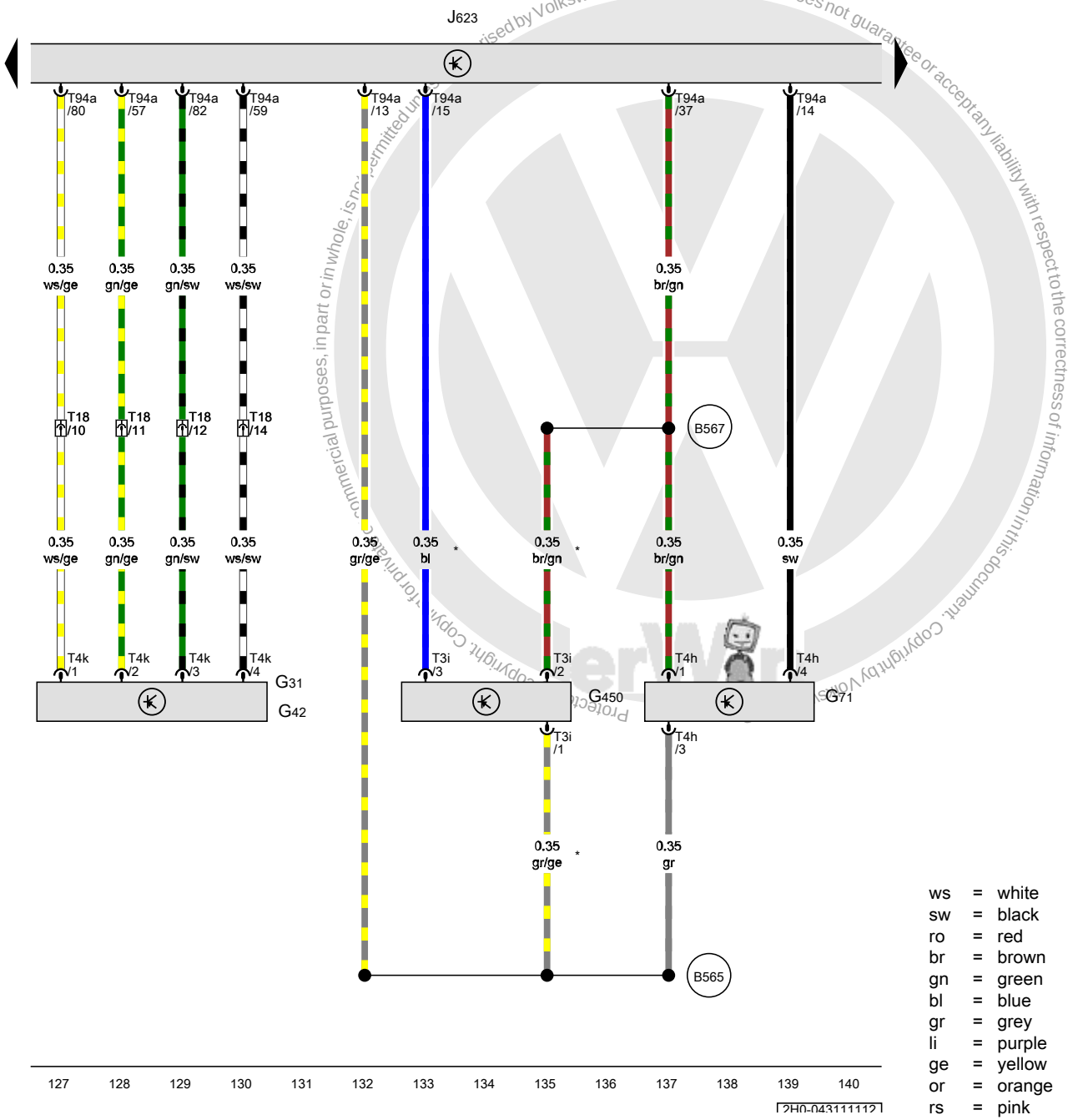

Charge pressure sender, Intake air temperature sender, Intake manifold pressure sender, Exhaust gas pressure sensor 1, Engine control unit

G31	Charge pressure sender
G42	Intake air temperature sender
G71	Intake manifold pressure sender
G450	Exhaust gas pressure sensor 1
J623	Engine control unit, near battery
T3i	3-pin connector, black
T4h	4-pin connector, black
T4k	4-pin connector, black
T18	18-pin connector, near engine control unit, black
T94a	94-pin connector, black
B565	Connection 32, in main wiring harness
B567	Connection 34, in main wiring harness
*	Only models with Euro 5 emission standard

ws	=	white
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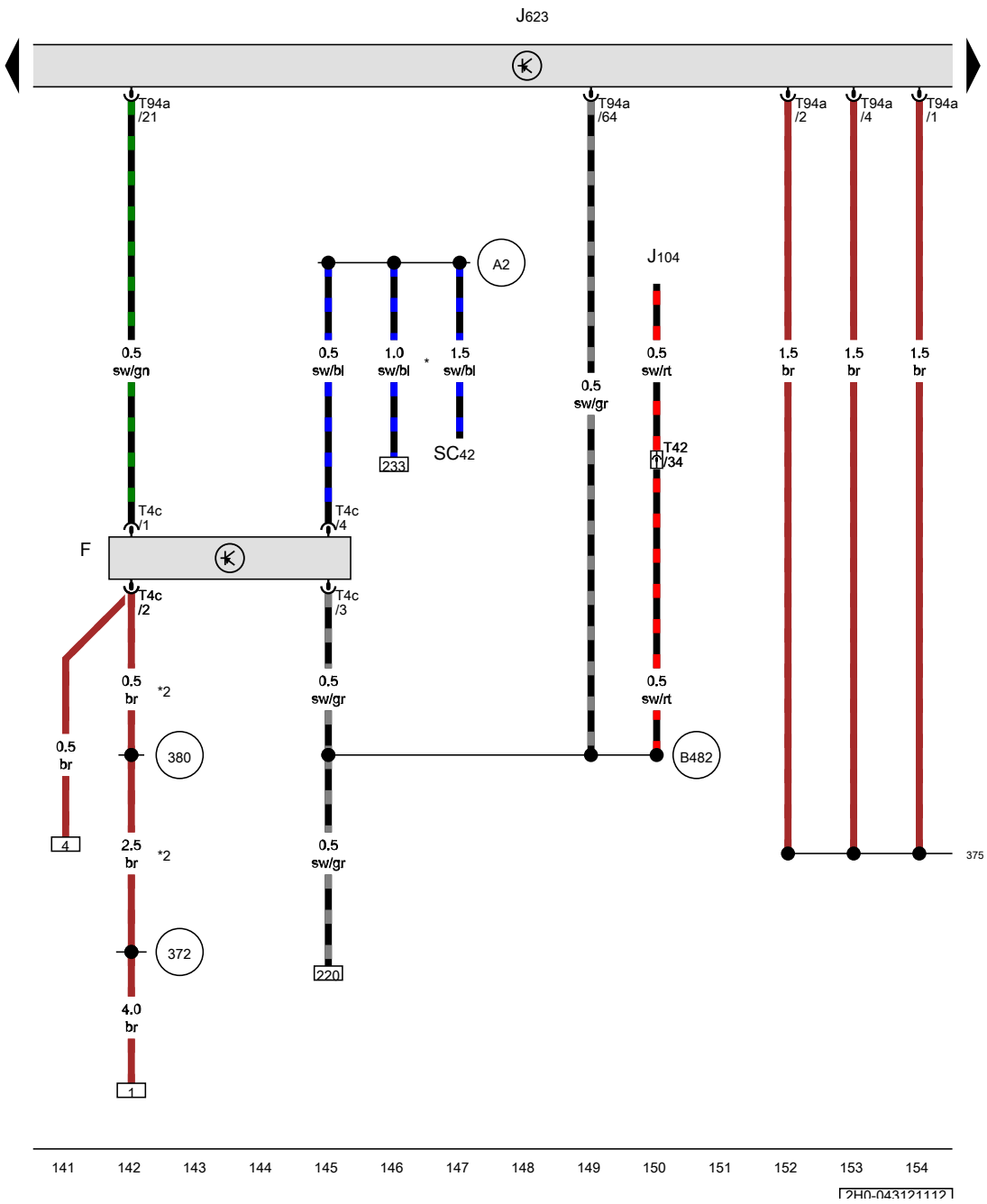

Brake light switch, Engine control unit

F	Brake light switch
J104	ABS control unit
J623	Engine control unit, near battery
SC42	Fuse 42 on fuse holder C
T4c	4-pin connector, black
T42	42-pin connector, near handbrake lever, black
T94a	94-pin connector, black
372	Earth connection 7, in main wiring harness
375	Earth connection 10, in main wiring harness
380	Earth connection 15, in main wiring harness
A2	Positive connection (15), in dash panel wiring harness
B482	Connection 18, in main wiring harness
*	Only models with Euro 5 emission standard
*2	From November 2011

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
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gr	=	grey
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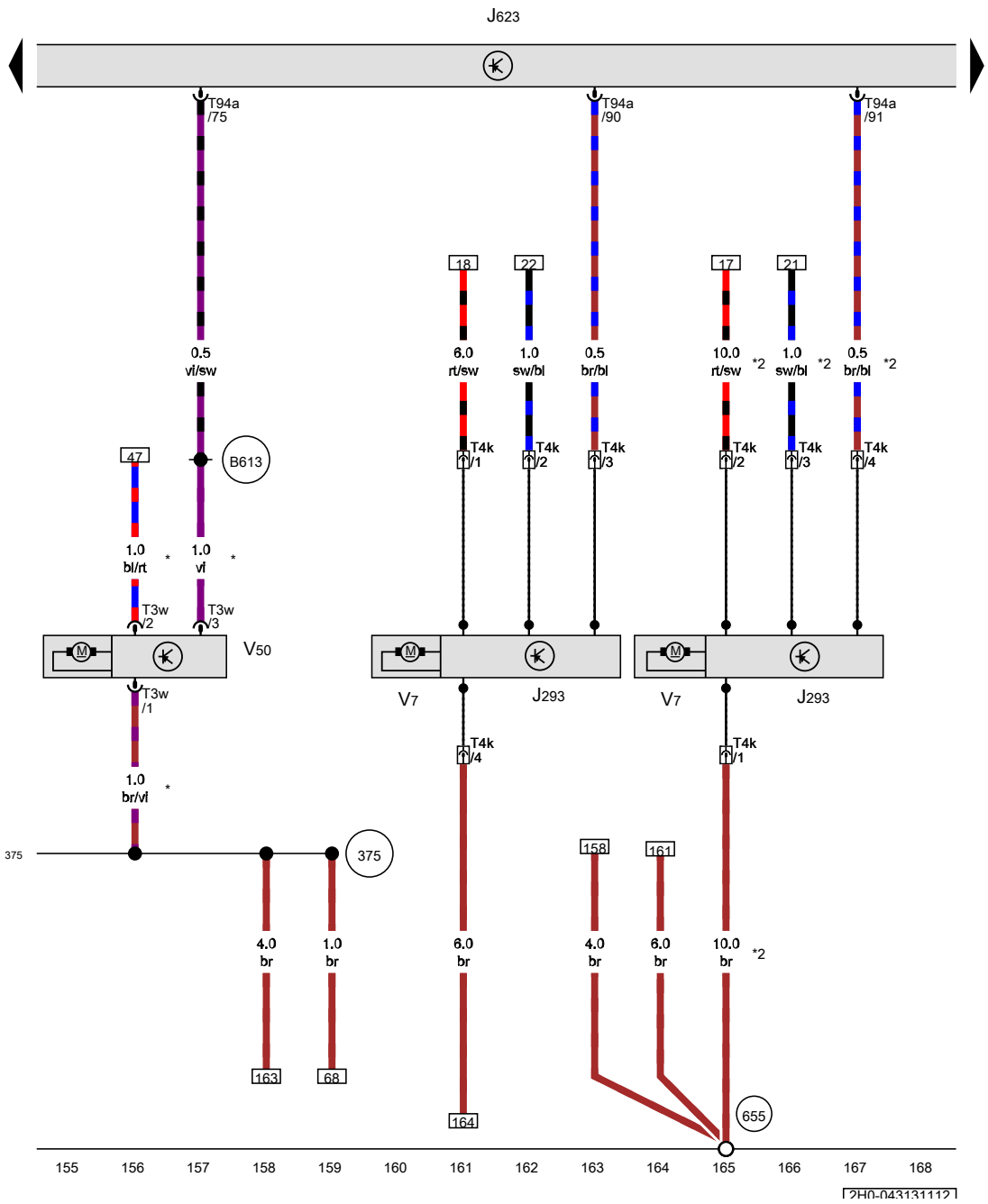

Radiator fan control unit, Engine control unit, Radiator fan, Coolant circulation pump

J293	Radiator fan control unit
J623	Engine control unit, near battery
T3w	3-pin connector
T4k	4-pin connector, on radiator cowling, black
T94a	94-pin connector, black
V7	Radiator fan
V50	Coolant circulation pump
375	Earth connection 10, in main wiring harness
655	Earth point, on left headlight
B613	Connection 41, in main wiring harness
*	Only models with Euro 5 emission standard
*2	Only for countries with hot climate

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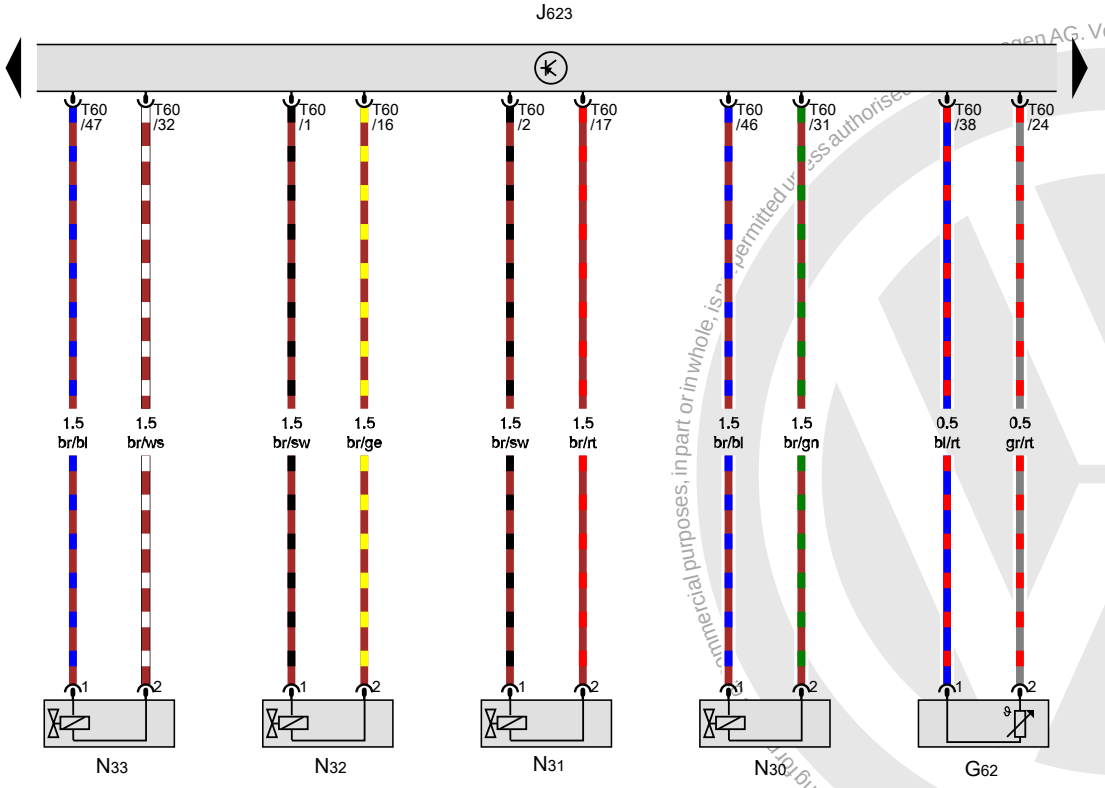
Coolant temperature sender, Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

G62	Coolant temperature sender
J623	Engine control unit, near battery
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T60	60-pin connector, black



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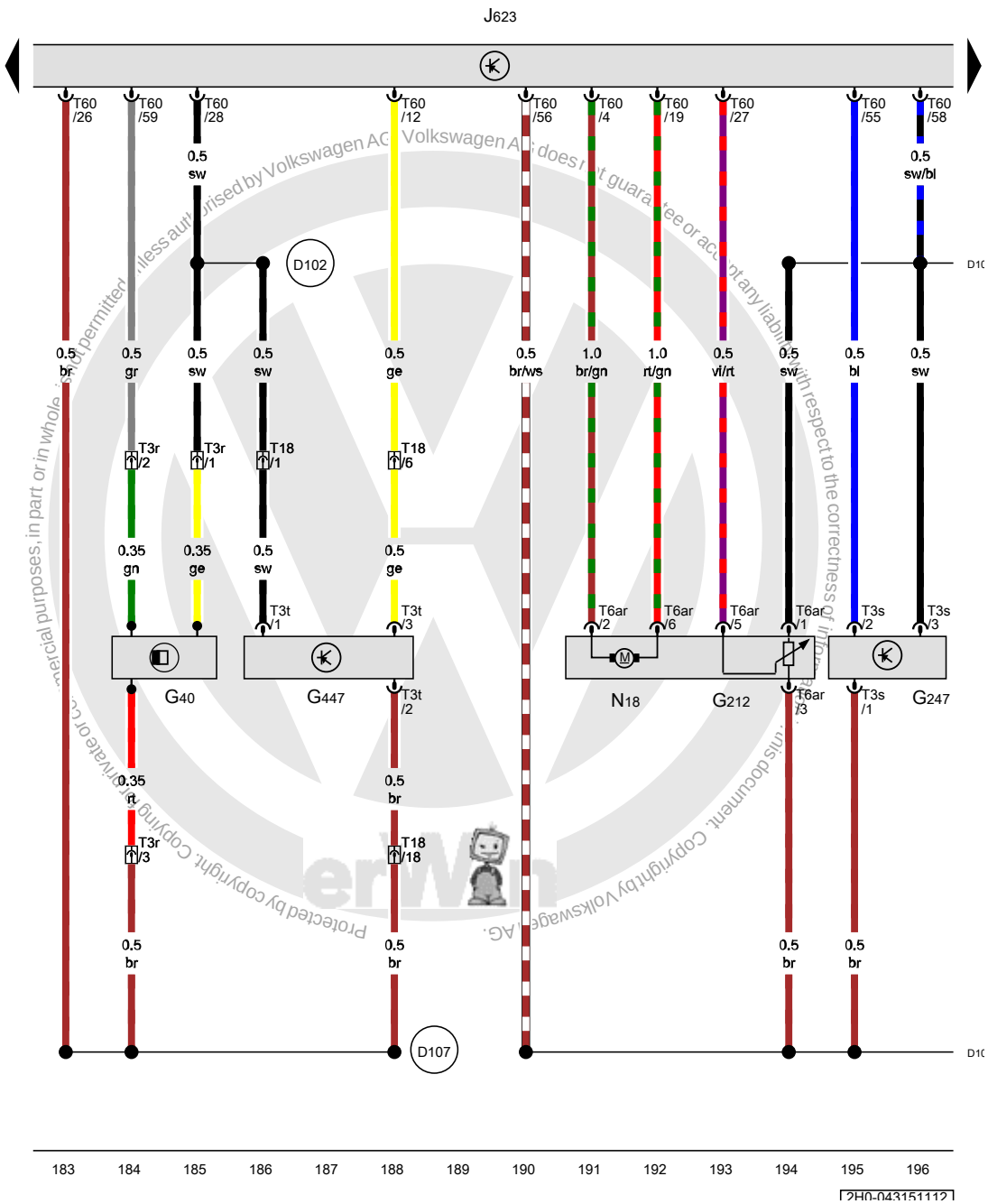

Hall sender, Exhaust gas recirculation potentiometer, Fuel pressure sender, Charge pressure sender 2, Engine control unit, Exhaust gas recirculation valve

G40	Hall sender
G212	Exhaust gas recirculation potentiometer
G247	Fuel pressure sender
G447	Charge pressure sender 2, on turbocharger air recirculation valve
J623	Engine control unit, near battery
N18	Exhaust gas recirculation valve
T3r	3-pin connector, on front of engine, black
T3s	3-pin connector, black
T3t	3-pin connector
T6ar	6-pin connector, black
T18	18-pin connector, near engine control unit, black
T60	60-pin connector, black
D101	Connection 1 in engine compartment wiring harness
D102	Connection 2 in engine compartment wiring harness
D103	Connection 3 in engine compartment wiring harness
D107	Connection 5 in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
bl	=	blue
gr	=	grey
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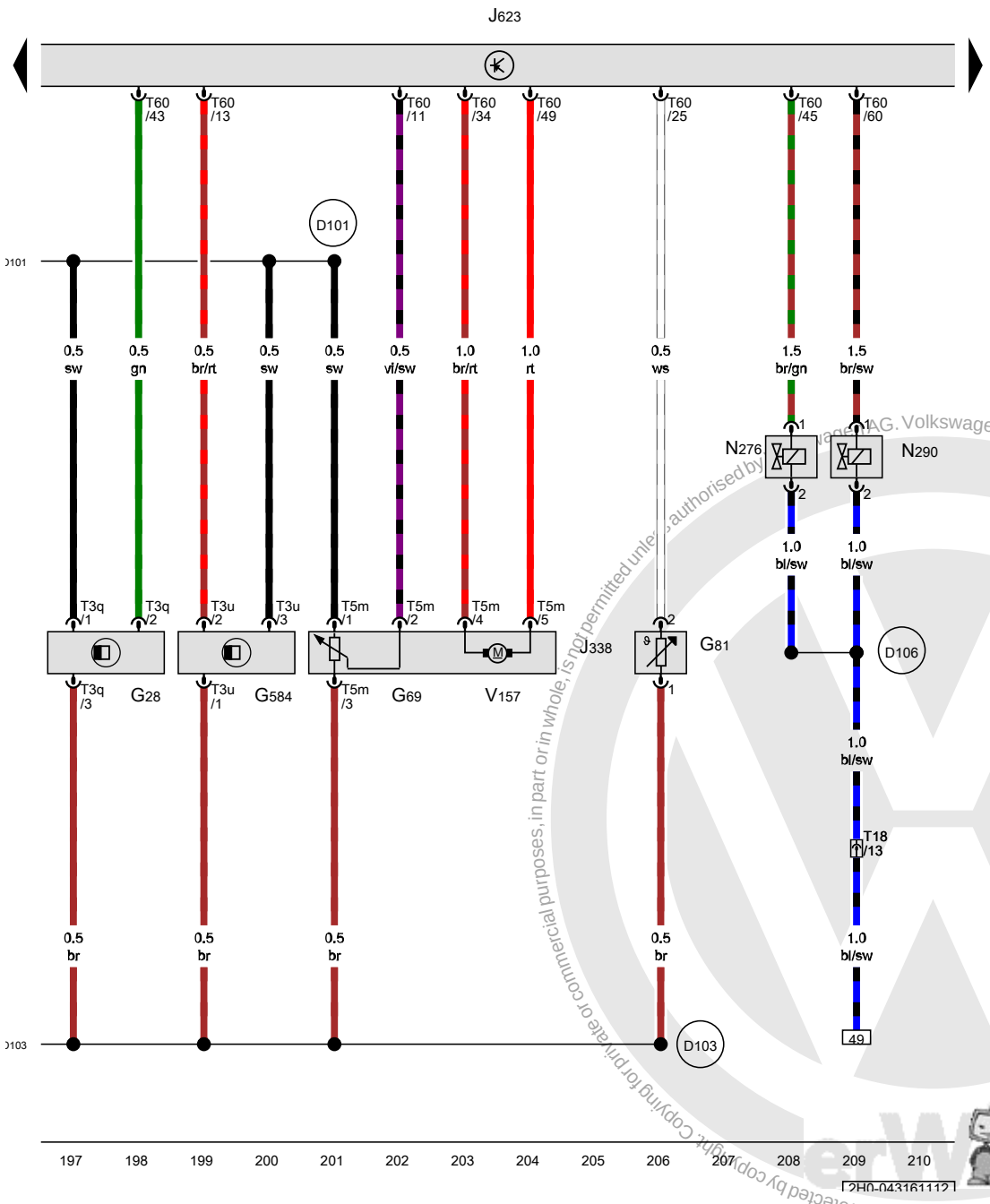

Engine speed sender, Throttle valve potentiometer, Fuel temperature sender, Regulating flap potentiometer, Throttle valve module, Engine control unit, Fuel pressure regulating valve, Fuel metering valve, Intake manifold flap motor

G28	Engine speed sender
G69	Throttle valve potentiometer
G81	Fuel temperature sender
G584	Regulating flap potentiometer
J338	Throttle valve module
J623	Engine control unit, near battery
N276	Fuel pressure regulating valve
N290	Fuel metering valve
T3q	3-pin connector, black
T3u	3-pin connector, black
T5m	5-pin connector
T18	18-pin connector, near engine control unit, black
T60	60-pin connector, black
V157	Intake manifold flap motor
D101	Connection 1 in engine compartment wiring harness
D103	Connection 3 in engine compartment wiring harness
D106	Connection 4 in engine compartment wiring harness

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sw	=	black
ro	=	red
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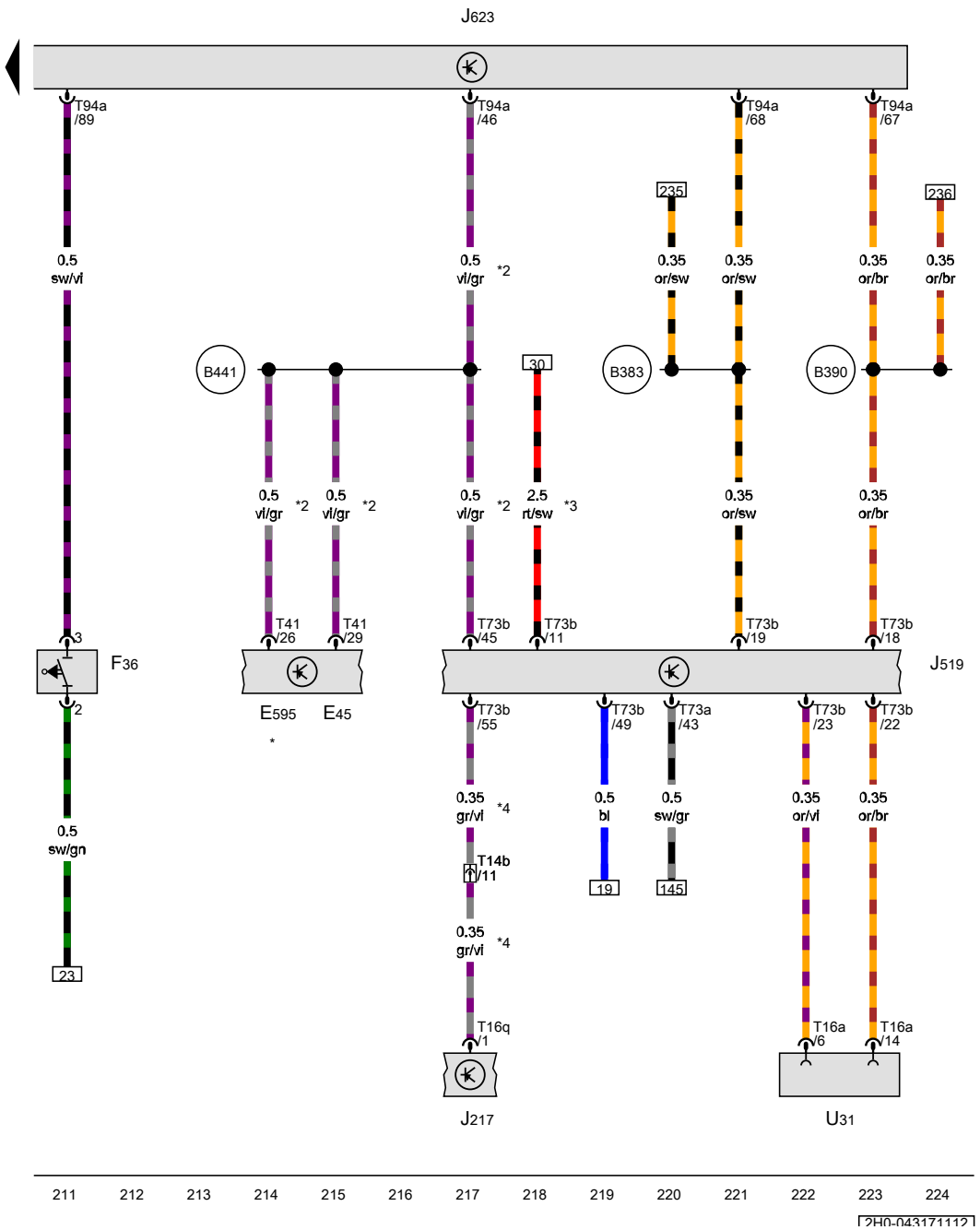

Cruise control system switch, Clutch pedal switch, Automatic gearbox control unit, Onboard supply control unit, Engine control unit

E45	Cruise control system switch
E595	Steering column combination switch
F36	Clutch pedal switch
J217	Automatic gearbox control unit
J519	Onboard supply control unit
J623	Engine control unit, near battery
T14b	14-pin connector, near battery, black
T16a	16-pin connector
T16q	16-pin connector
T41	41-pin connector, grey
T73a	73-pin connector
T73b	73-pin connector
T94a	94-pin connector, black
U31	Diagnostic connection
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B441	Connection (CCS), in main wiring harness
*	see applicable current flow diagram for basic equipment
*2	Only models with cruise control system (CCS)
*3	Only models with automatic gearbox
*4	see applicable current flow diagram for automatic gearbox

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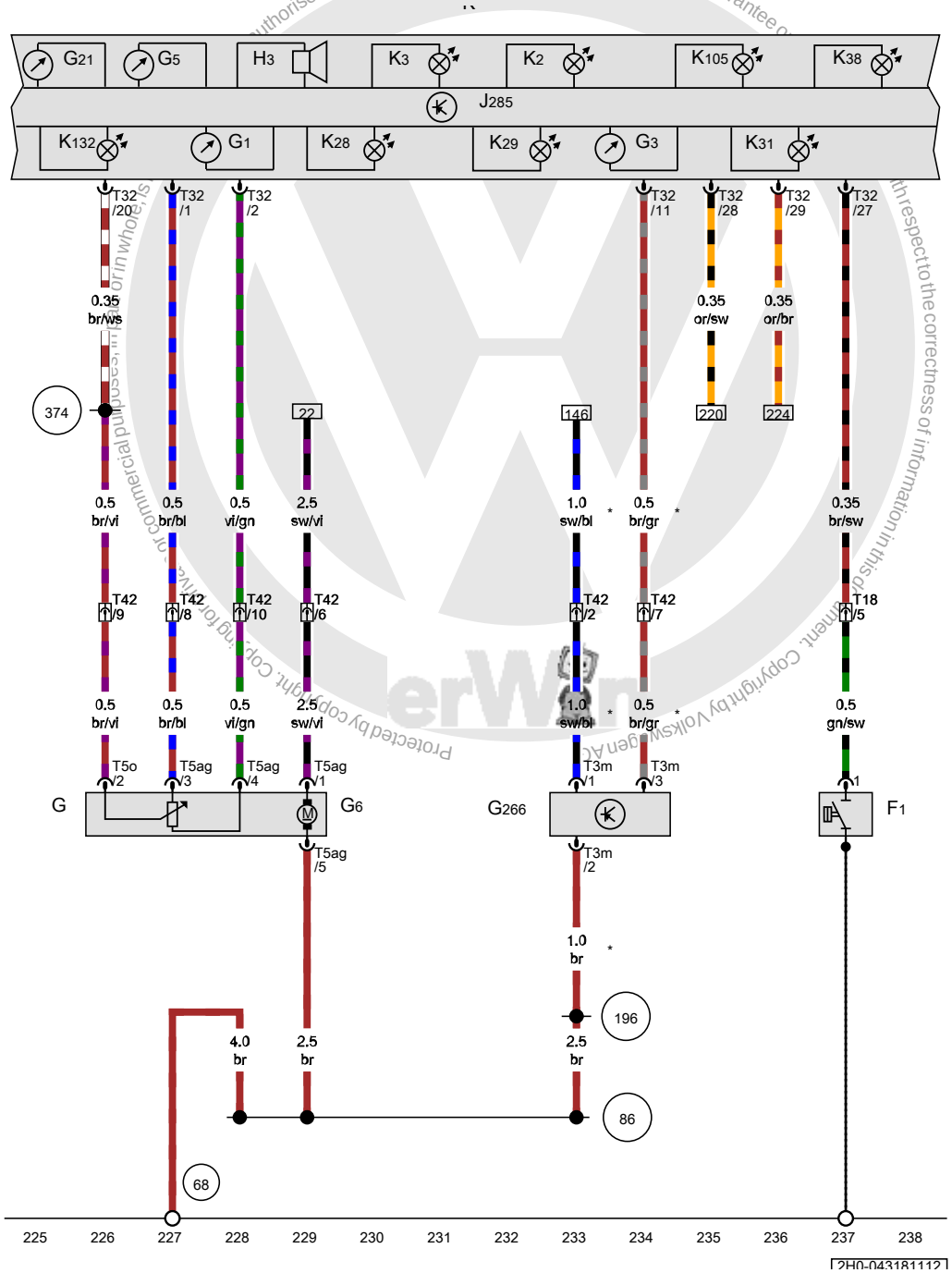

Oil level and oil temperature sender, Dash panel insert

F1	Oil pressure switch
G	Fuel gauge sender
G1	Fuel gauge
G3	Coolant temperature gauge
G5	Rev. counter
G6	Fuel system pressurisation pump
G21	Speedometer
G266	Oil level and oil temperature sender
H3	Buzzer and gong
J285	Control unit in dash panel insert
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K29	Glow period warning lamp
K31	Cruise control system warning lamp
K38	Oil level warning lamp
K105	Reserve fuel warning lamp
K132	Electronic power control fault lamp
T3m	3-pin connector
T5ag	5-pin connector
T5o	5-pin connector
T18	18-pin connector, near engine control unit, black
T32	32-pin connector, blue
T42	42-pin connector, near handbrake lever, black
68	Earth point, on left of rear cross member
86	Earth connection 1, in rear wiring harness
196	Earth connection 3, in rear wiring harness
374	Earth connection 9, in main wiring harness
*	Only models with Euro 5 emission standard

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2.0l diesel engine , CNEA,CSHA,(7L6)

From September 2011

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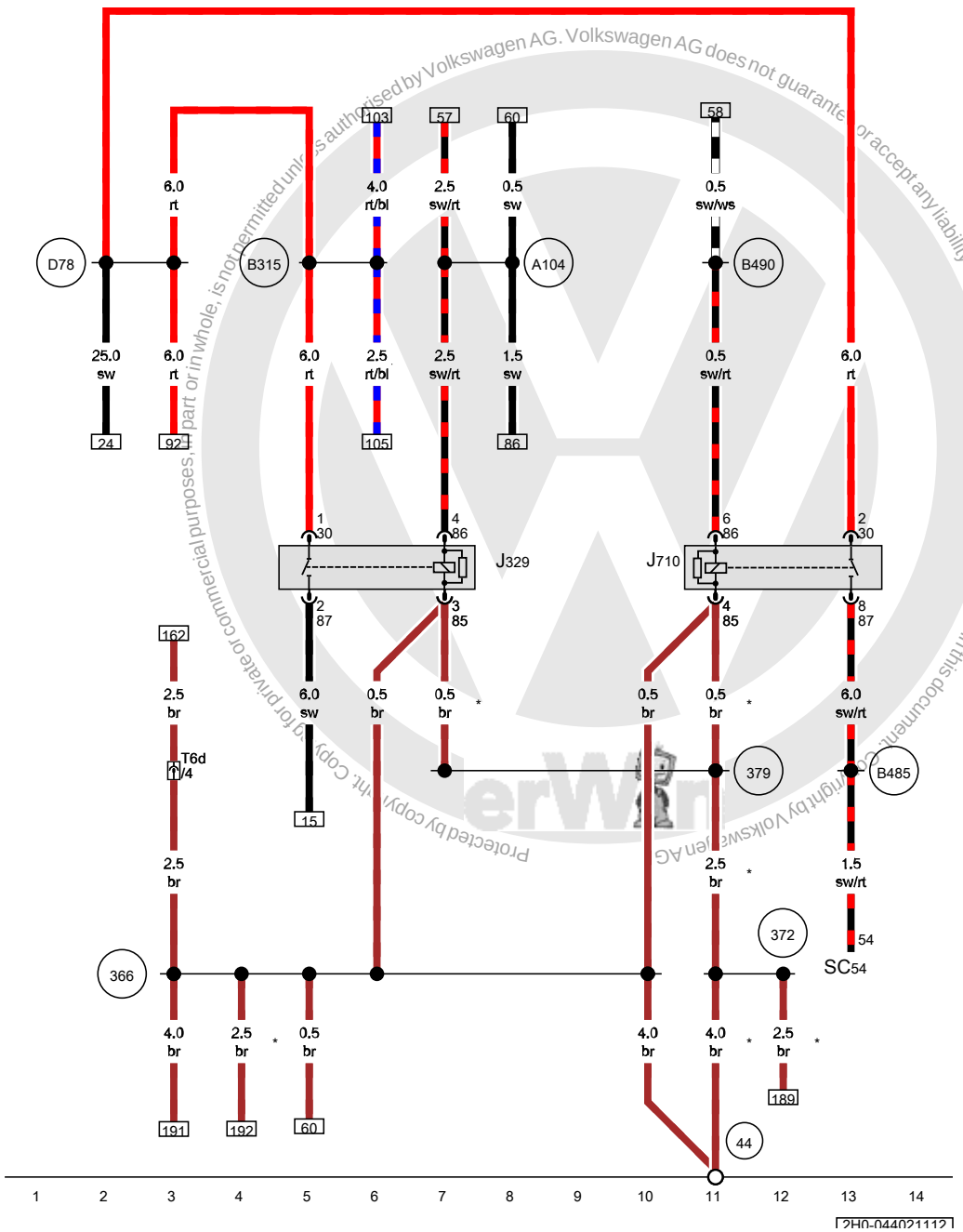

Terminal 15 voltage supply relay, Voltage supply relay 2, Fuse 54 on fuse holder C

J329	Terminal 15 voltage supply relay
J710	Voltage supply relay 2
SC54	Fuse 54 on fuse holder C
T6d	6-pin connector
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
372	Earth connection 7, in main wiring harness
379	Earth connection 14, in main wiring harness
A104	Positive connection 2 (15), in dash panel wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B485	Connection 21, in main wiring harness
B490	Connection 26, in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
*	From November 2011

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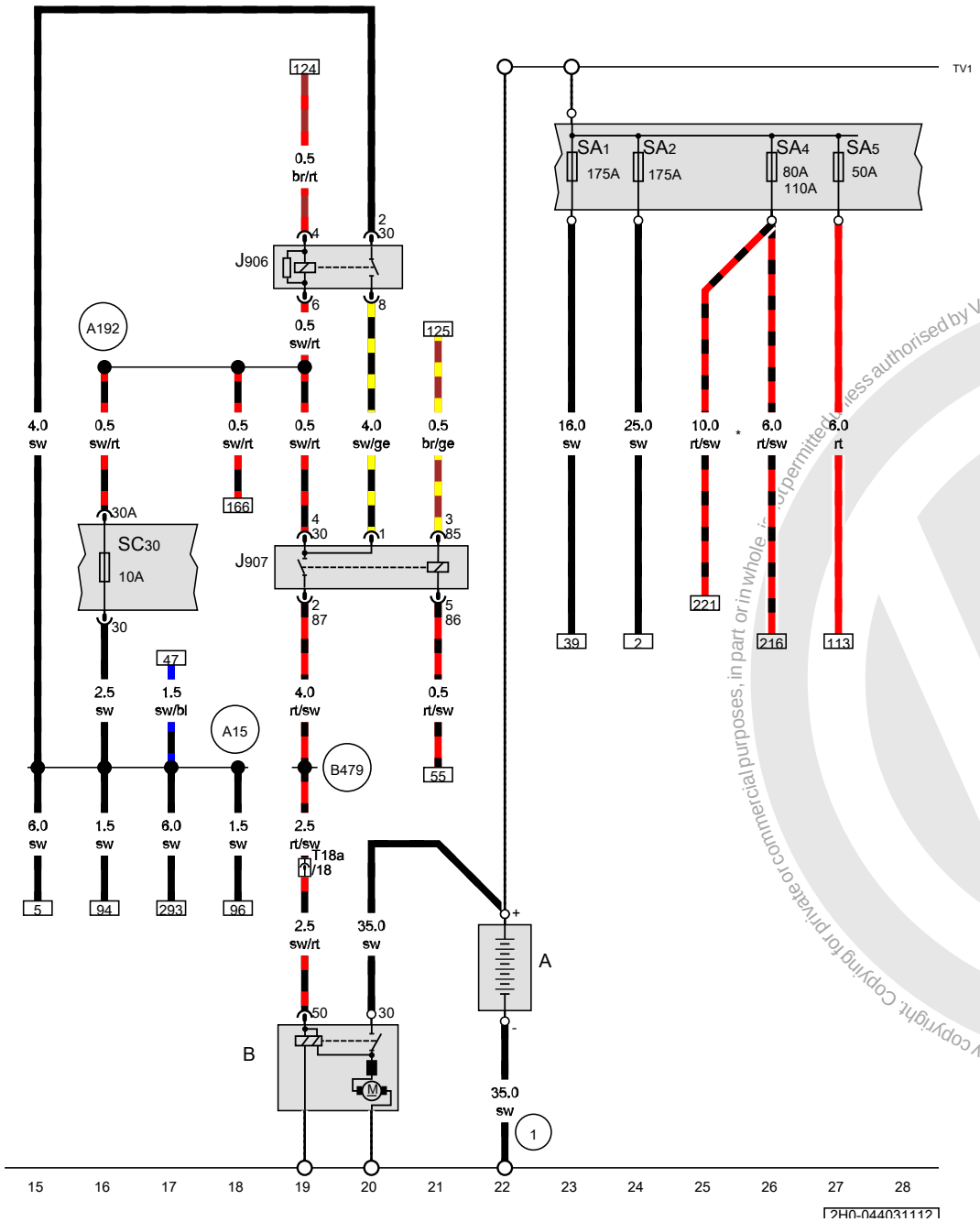

Battery, Starter, Starter relay 1, Starter relay 2, Fuse 1 in fuse holder A, Fuse 5 in fuse holder A

A	Battery
B	Starter
J906	Starter relay 1
J907	Starter relay 2
SA1	Fuse 1 in fuse holder A
SA2	Fuse 2 in fuse holder A
SA4	Fuse 4 in fuse holder A
SA5	Fuse 5 in fuse holder A
SC30	Fuse 30 on fuse holder C
T18a	18-pin connector, near engine control unit
1	Earth strap, battery - body
A15	Positive connection (15), in instrument wiring harness
A192	Positive connection 3 (15a) in dash panel wiring harness
B479	Connection 15, in main wiring harness
*	Only for countries with hot climate

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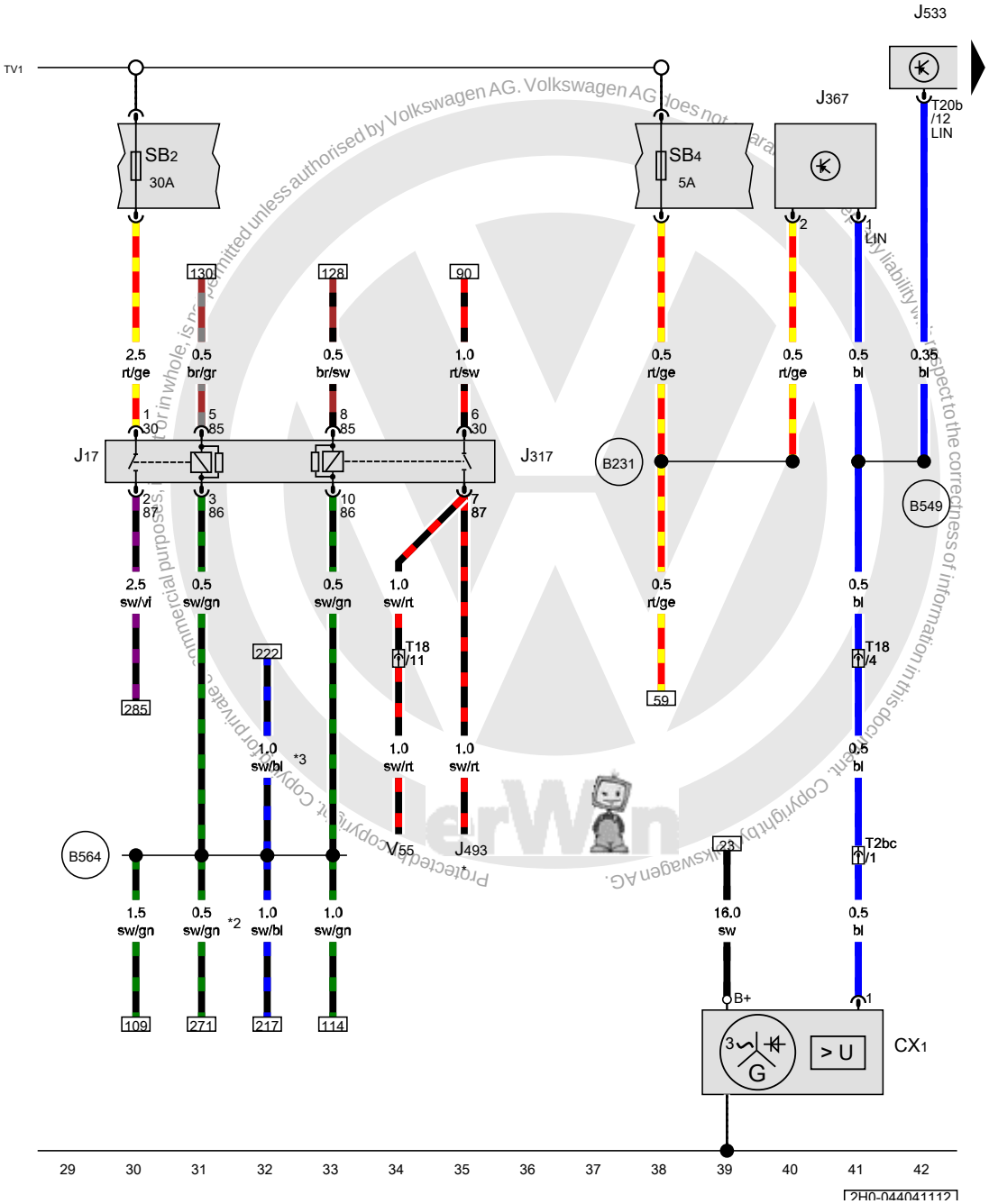

Alternator with voltage regulator, Fuel pump relay, Terminal 30 voltage supply relay, Battery monitor control unit, Auxiliary coolant heater relay, Data bus diagnostic interface, Fuse 2 on fuse holder B

CX1	Alternator with voltage regulator
J17	Fuel pump relay
J317	Terminal 30 voltage supply relay, on relay carrier
J367	Battery monitor control unit
J493	Auxiliary coolant heater relay
J533	Data bus diagnostic interface
SB2	Fuse 2 on fuse holder B
SB4	Fuse 4 on fuse holder B
T2bc	2-pin connector
T5aq	5-pin connector
T18	18-pin connector, near engine control unit, black
T20b	20-pin connector
V55	Circulation pump
B231	Positive connection 5 (30a), in interior wiring harness
B549	Connection 2 (LIN bus) in main wiring harness
B564	Connection 31, in main wiring harness
*	see applicable current flow diagram for air conditioning
*2	Only models with manual gearbox
*3	Only for countries with hot climate

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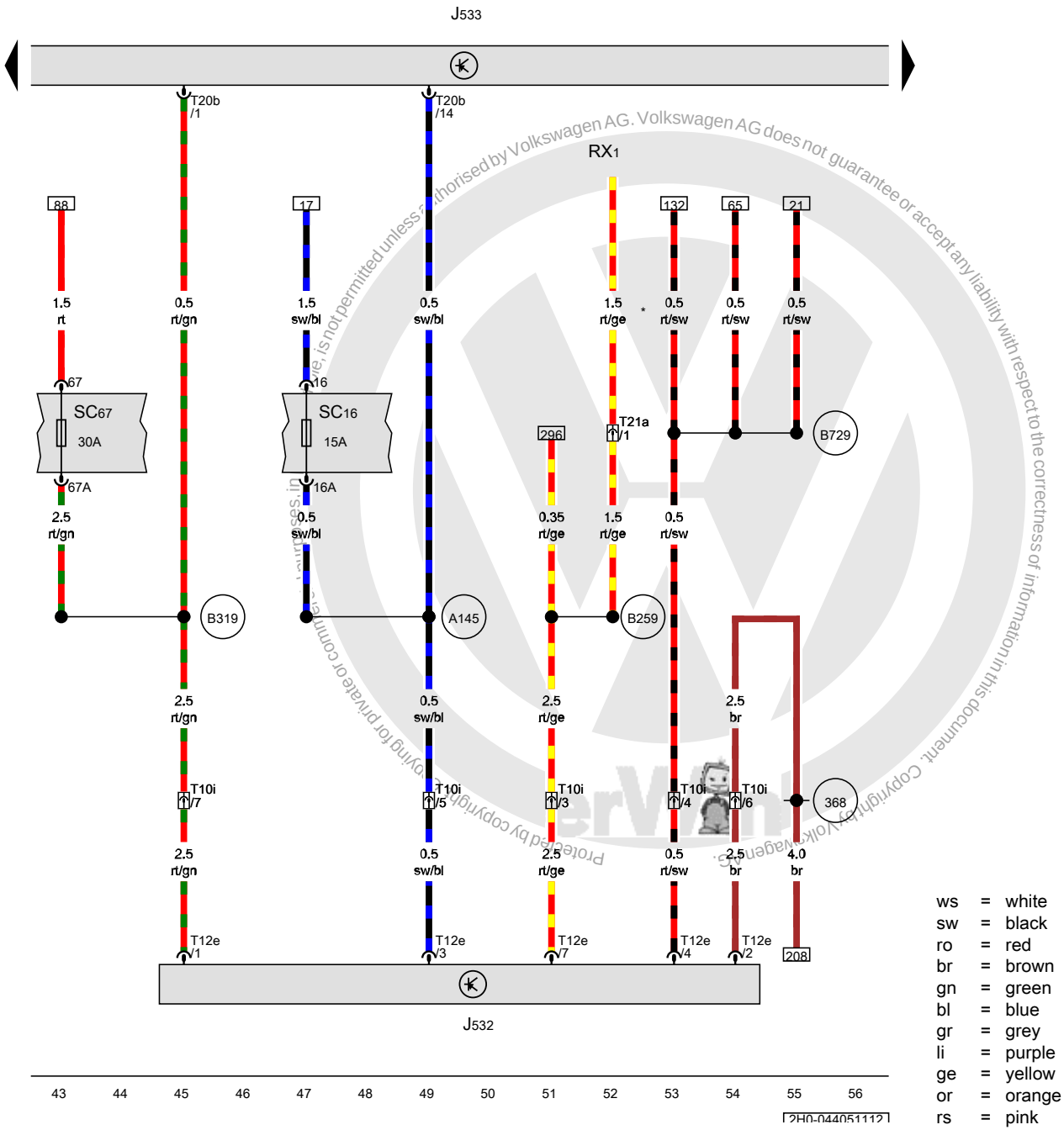

Voltage stabiliser, Data bus diagnostic interface, Fuse 16 on fuse holder C, Fuse 67 on fuse holder C

J532	Voltage stabiliser
J533	Data bus diagnostic interface
RX1	Radio/RNS
SC16	Fuse 16 on fuse holder C
SC67	Fuse 67 on fuse holder C
T10i	10-pin connector, on left wheel housing, black
T12e	12-pin connector
T20b	20-pin connector
T21a	21-pin connector, on relay carrier, brown
368	Earth connection 3, in main wiring harness
A145	Positive connection 4 (15), in dash panel wiring harness
B259	Connection (start/stop signal), in interior wiring harness
B319	Positive connection 5 (30a) in main wiring harness
B729	Connection 1 (50), in main wiring harness
*	see applicable current flow diagram

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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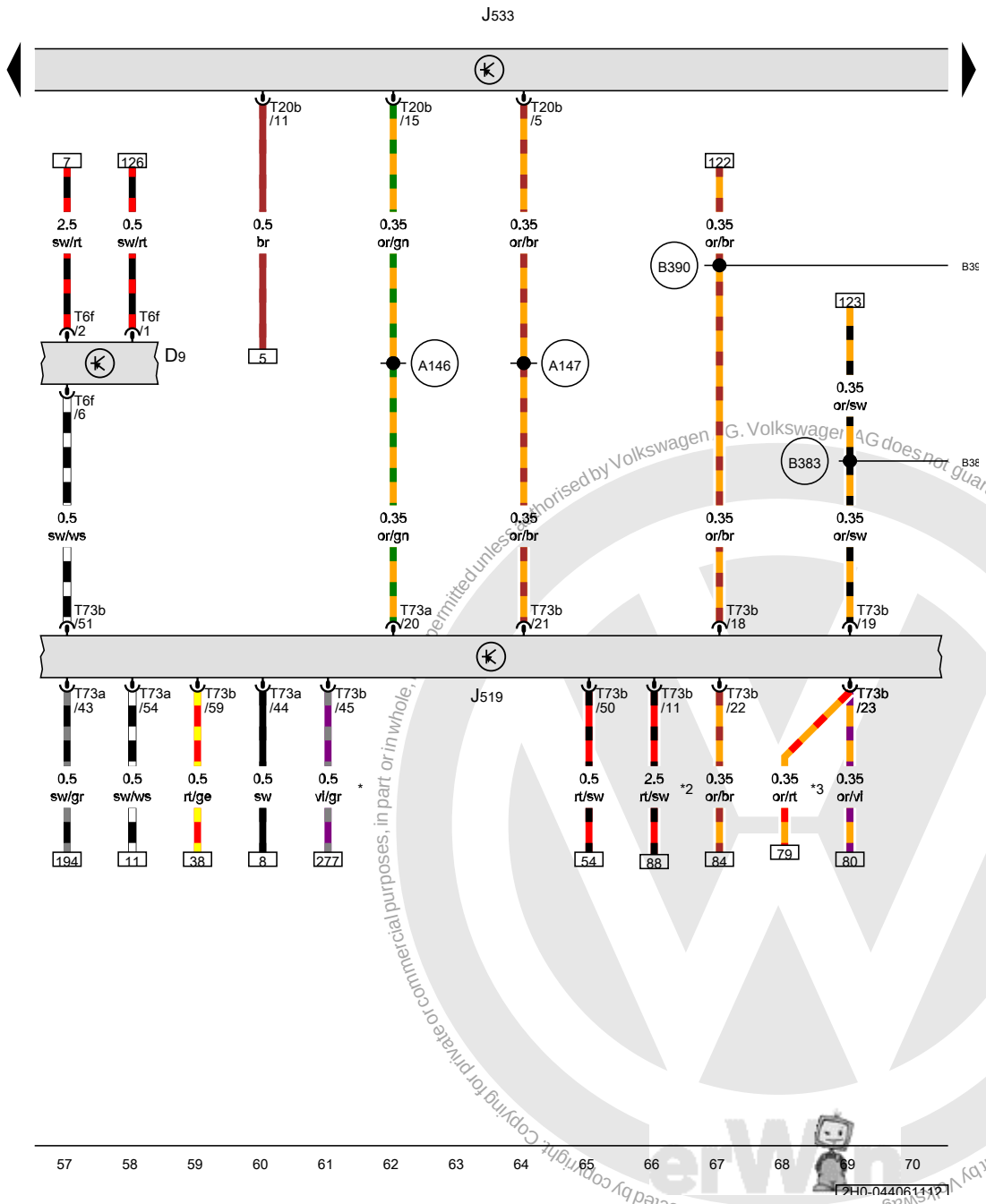

Electronic ignition lock, Onboard supply control unit, Data bus diagnostic interface

D9	Electronic ignition lock
J519	Onboard supply control unit
J533	Data bus diagnostic interface
T6f	6-pin connector
T20b	20-pin connector
T73a	73-pin connector
T73b	73-pin connector
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	Only models with cruise control system (CCS)
*2	Only models with automatic gearbox
*3	From November 2011

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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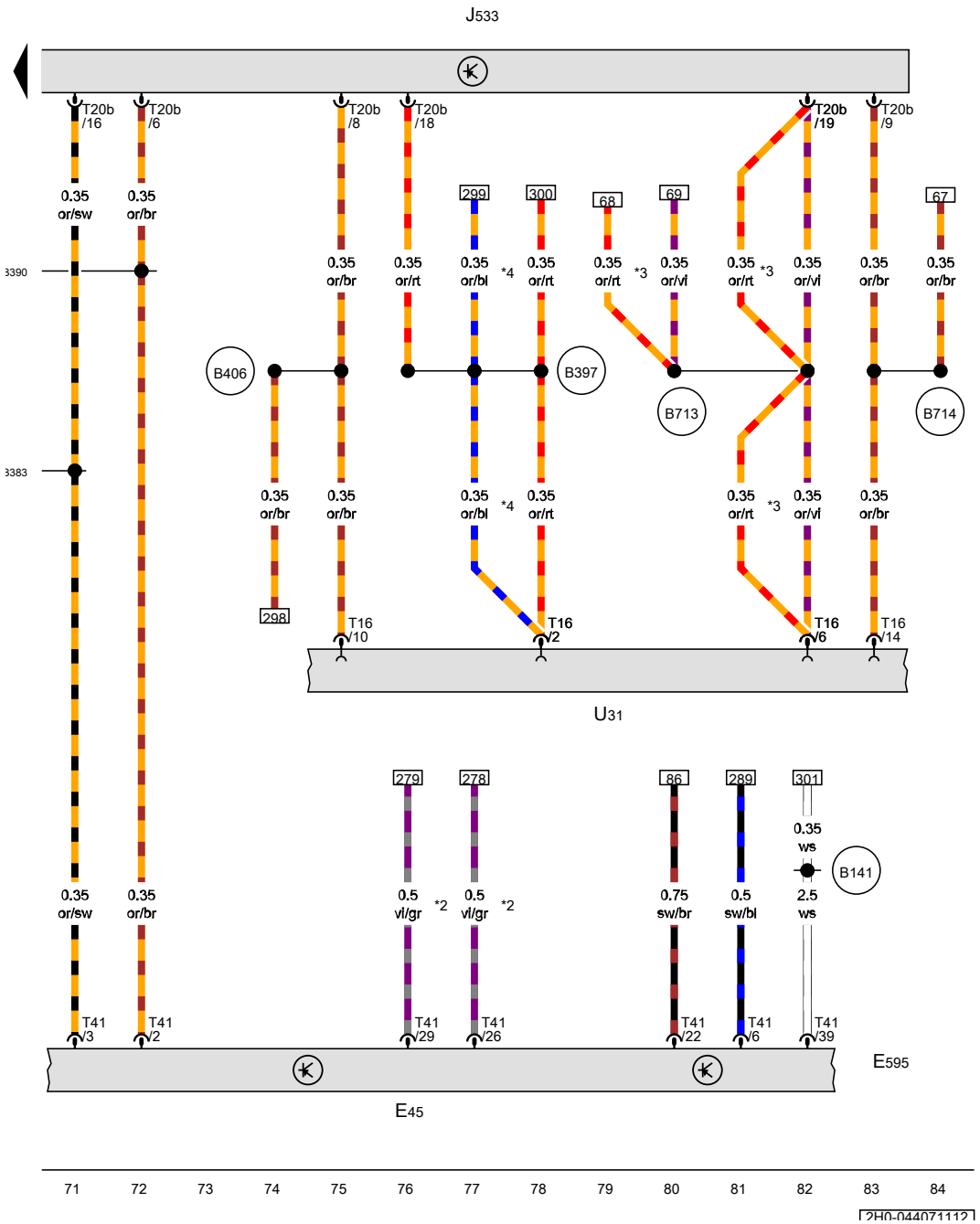

Cruise control system switch, Steering column combination switch, Data bus diagnostic interface, Diagnostic connection

E45	Cruise control system switch
E595	Steering column combination switch
J533	Data bus diagnostic interface
T16	16-pin connector
T20b	20-pin connector
T41	41-pin connector
U31	Diagnostic connection
B141	Positive connection 1 (56a), in interior wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B713	Connection 1 (CAN bus diagnosis, high), in main wiring harness
B714	Connection 1 (CAN bus diagnosis, low), in main wiring harness
*	Only models with Climatronic
*2	Only models with cruise control system (CCS)
*3	From November 2011
*4	From July 2011

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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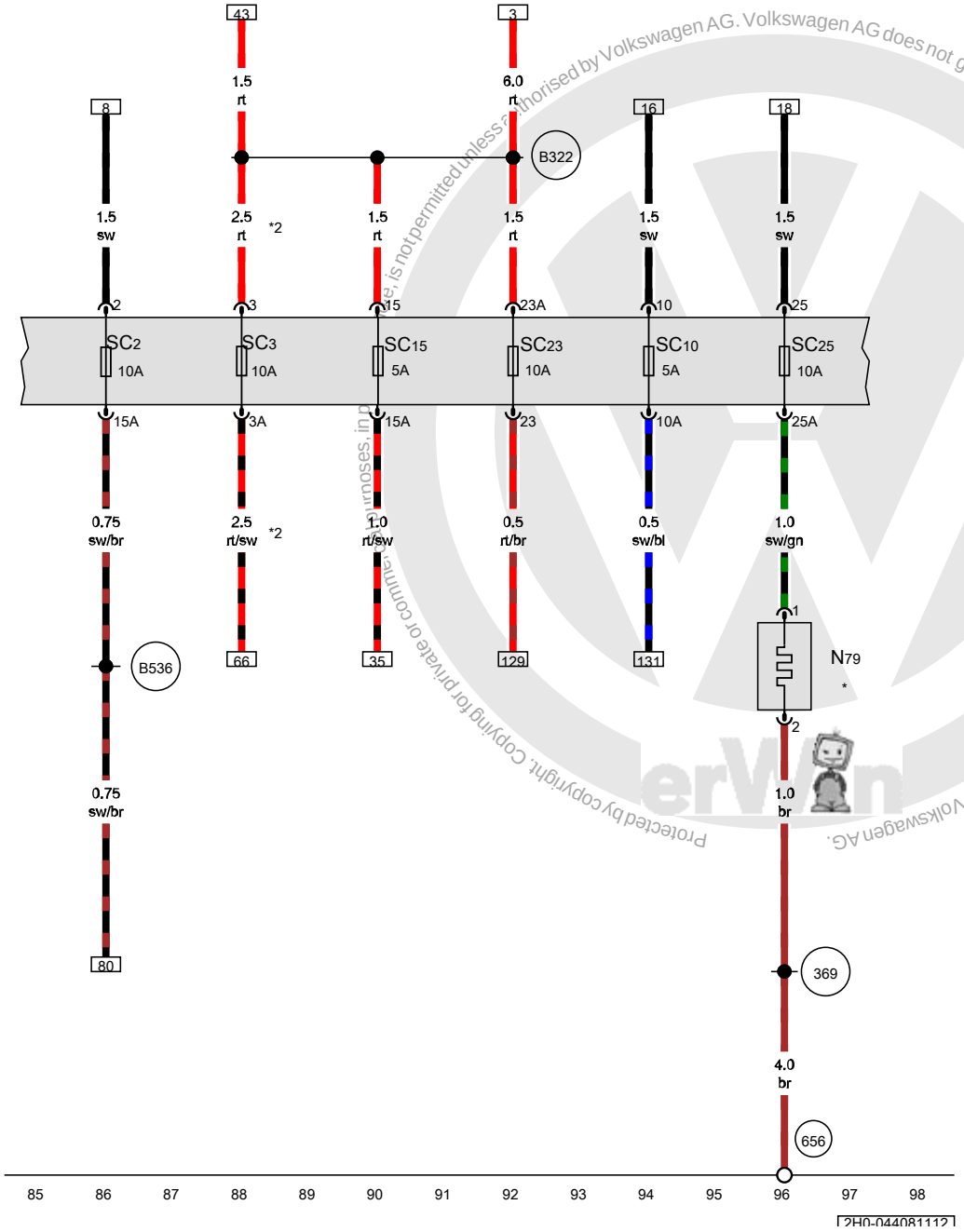

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Heater element for crankcase breather, Fuse 10 on fuse holder C, Fuse 15 on fuse holder C, Fuse 23 on fuse holder C, Fuse 25 on fuse holder C

N79	Heater element for crankcase breather
SC2	Fuse 2 on fuse holder C
SC3	Fuse 3 on fuse holder C
SC10	Fuse 10 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC23	Fuse 23 on fuse holder C
SC25	Fuse 25 on fuse holder C
369	Earth connection 4, in main wiring harness
656	Earth point, on right headlight
B322	Positive connection 8 (30a) in main wiring harness
B536	Connection 27, in main wiring harness
*	Only models with crankcase breather heater element
*2	Only models with automatic gearbox

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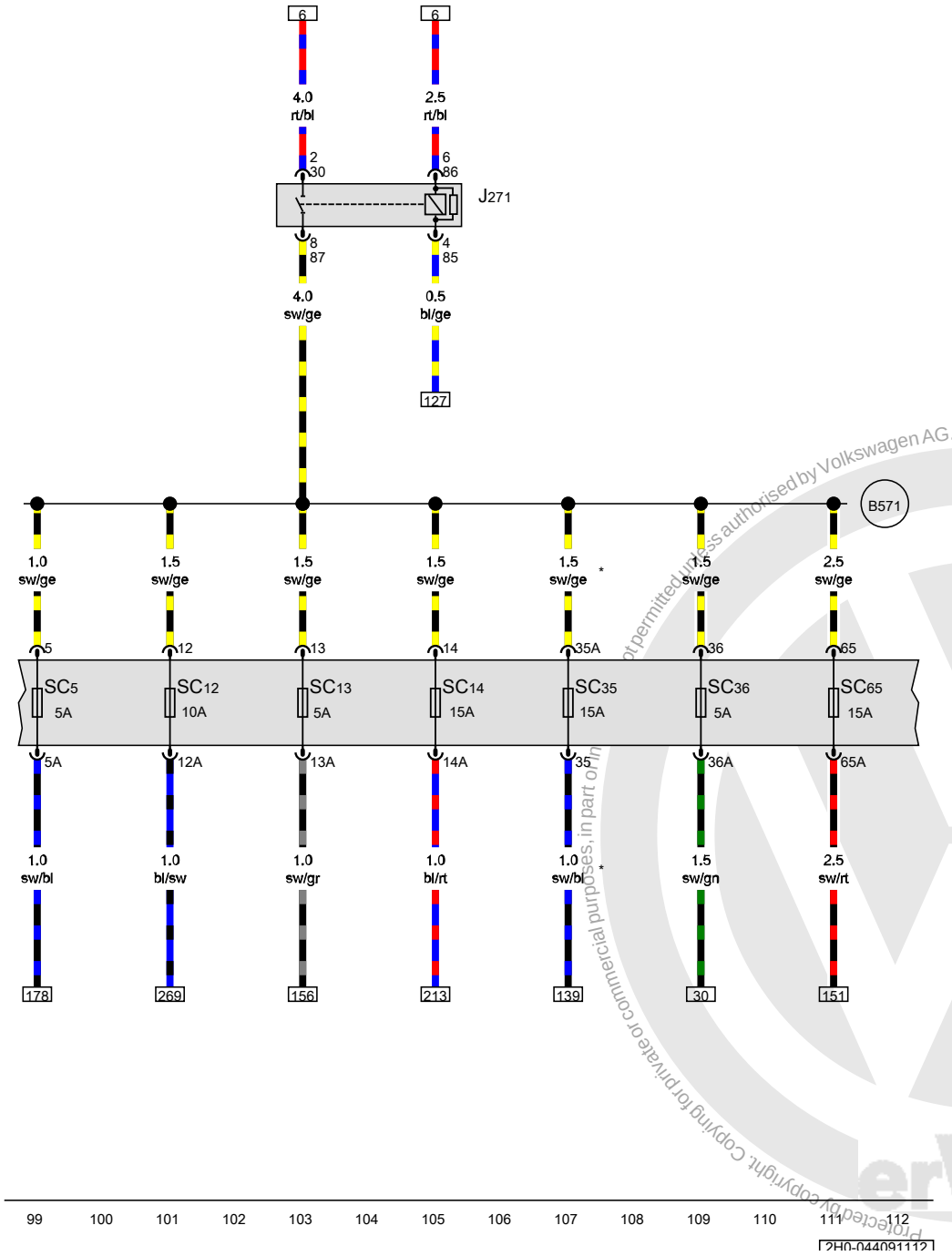

Main relay, Fuse 5 on fuse holder C, Fuse 12 on fuse holder C, Fuse 13 on fuse holder C, Fuse 14 on fuse holder C, Fuse 35 on fuse holder C, Fuse 36 on fuse holder C, Fuse 65 on fuse holder C

J271	Main relay, on relay carrier
SC5	Fuse 5 on fuse holder C
SC12	Fuse 12 on fuse holder C
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC35	Fuse 35 on fuse holder C
SC36	Fuse 36 on fuse holder C
SC65	Fuse 65 on fuse holder C
B571	Connection 38, in main wiring harness
*	Only models with Euro 5 emission standard

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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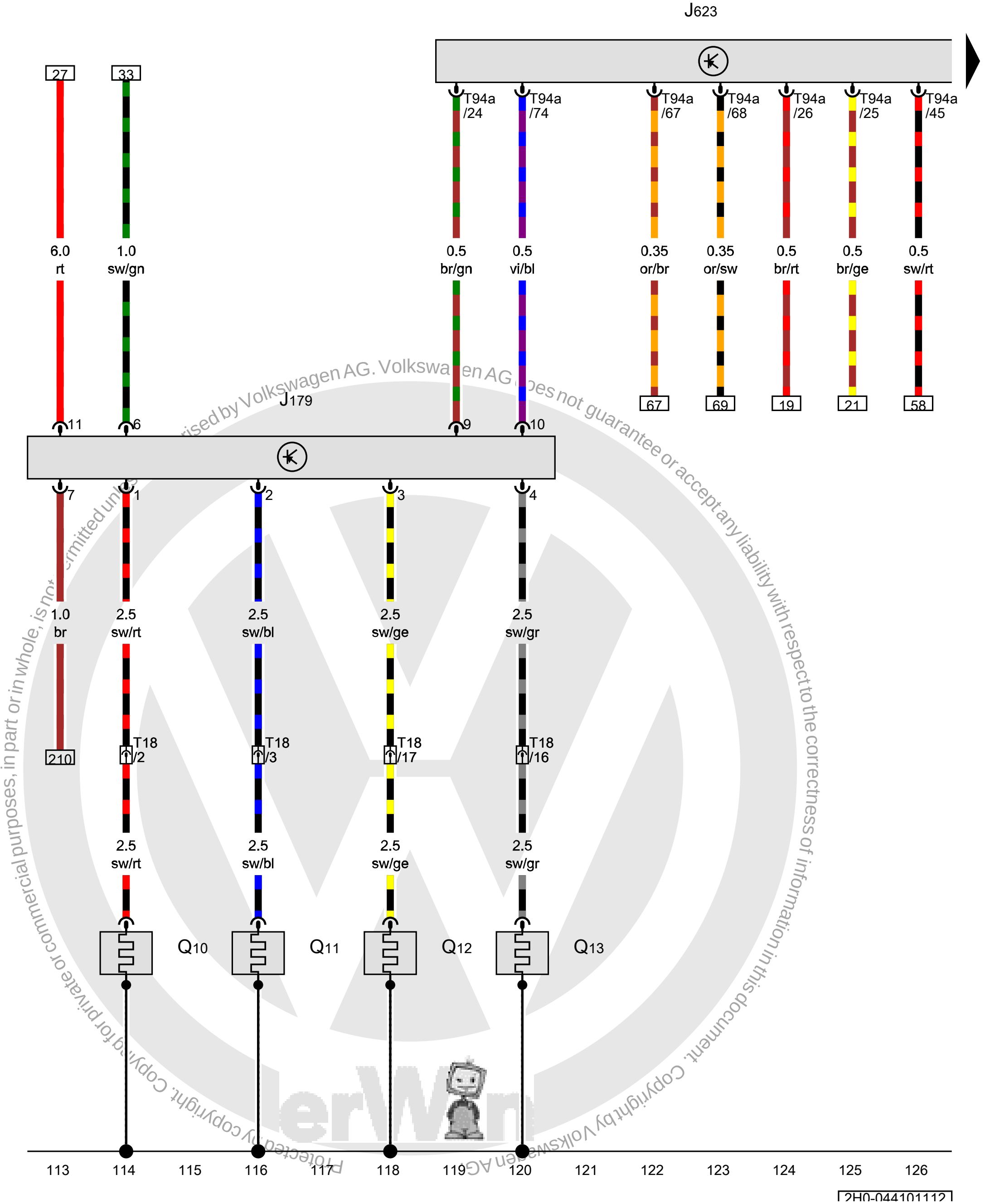
Automatic glow period control unit, Engine control unit, Glow plug 1, Glow plug 2, Glow plug 3, Glow plug 4

J179	Automatic glow period control unit
J623	Engine control unit
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
T18	18-pin connector, near engine control unit, black
T94a	94-pin connector, black



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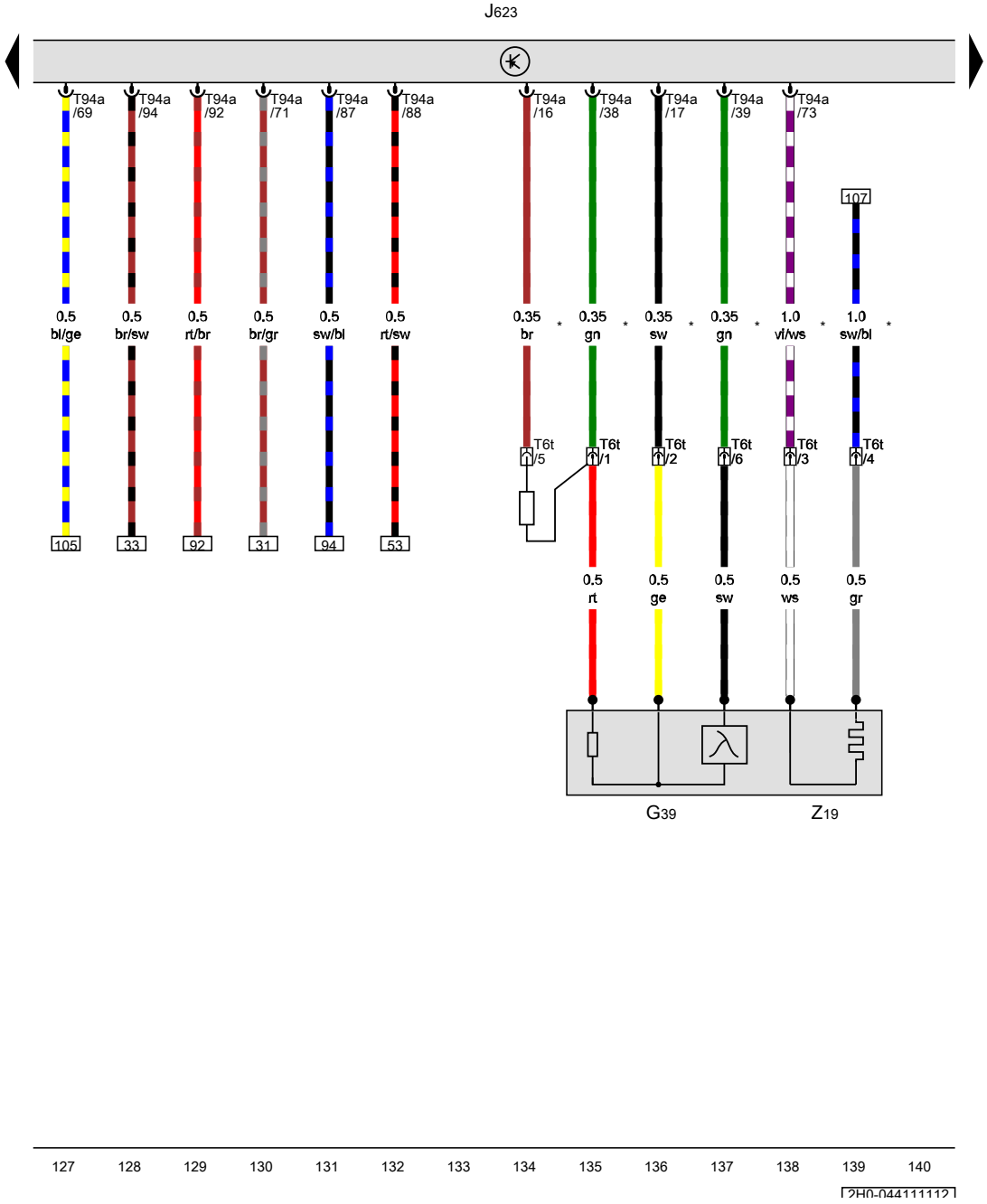

Lambda probe, Engine control unit

G39	Lambda probe
J623	Engine control unit
T6t	6-pin connector, front right in engine compartment, black
T94a	94-pin connector, black
Z19	Lambda probe heater
*	Only models with Euro 5 emission standard

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
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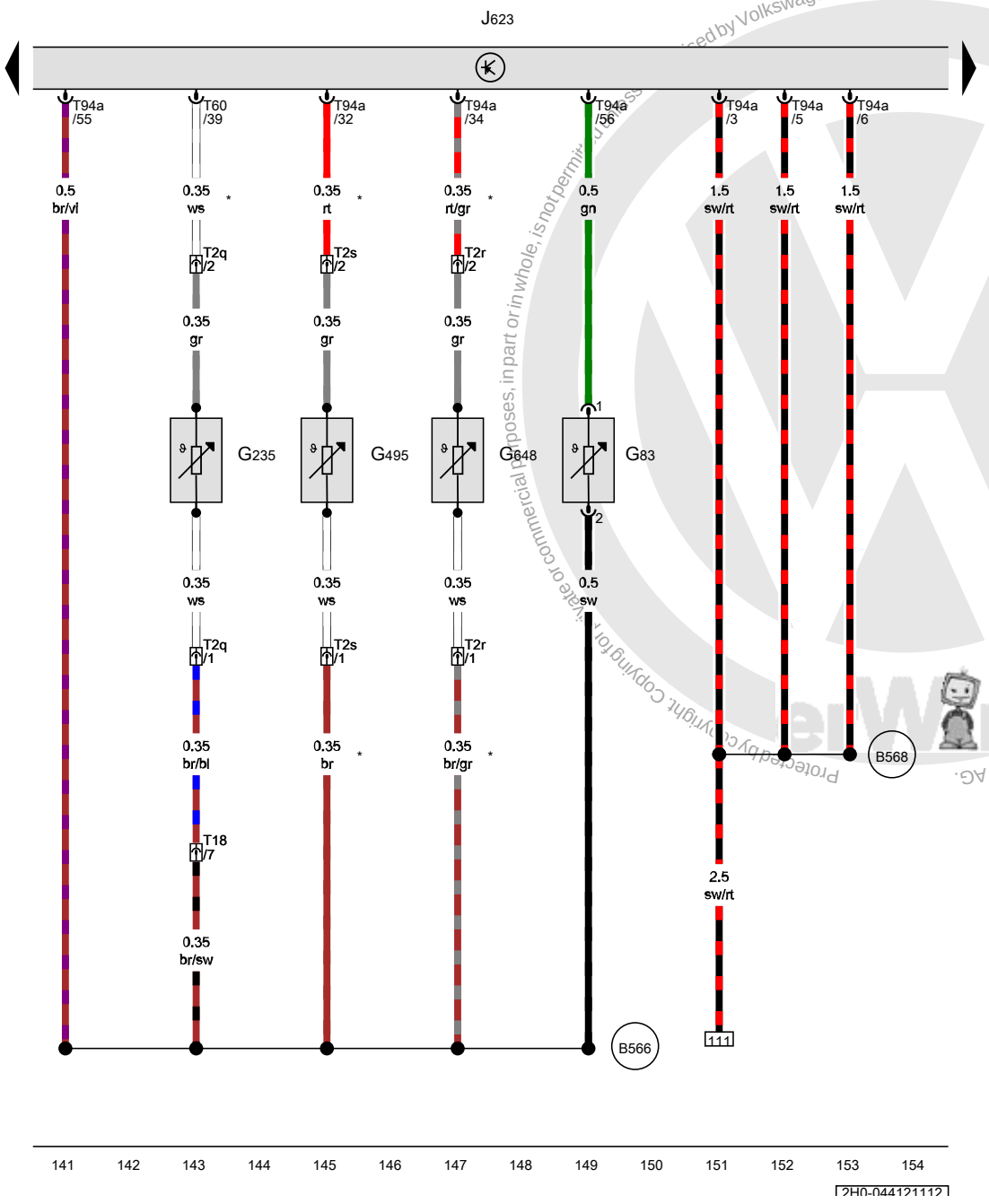

Radiator outlet coolant temperature sender, Exhaust gas temperature sender 1, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Engine control unit

G83	Radiator outlet coolant temperature sender
G235	Exhaust gas temperature sender 1
G495	Exhaust gas temperature sender 3
G648	Exhaust gas temperature sender 4
J623	Engine control unit
T2q	2-pin connector, in front right wheel housing, black
T2r	2-pin connector, in front right wheel housing, orange
T2s	2-pin connector, in front right wheel housing, brown
T18	18-pin connector, near engine control unit, black
T60	60-pin connector, black
T94a	94-pin connector, black
B566	Connection 33, in main wiring harness
B568	Connection 35, in main wiring harness
*	Only models with Euro 5 emission standard

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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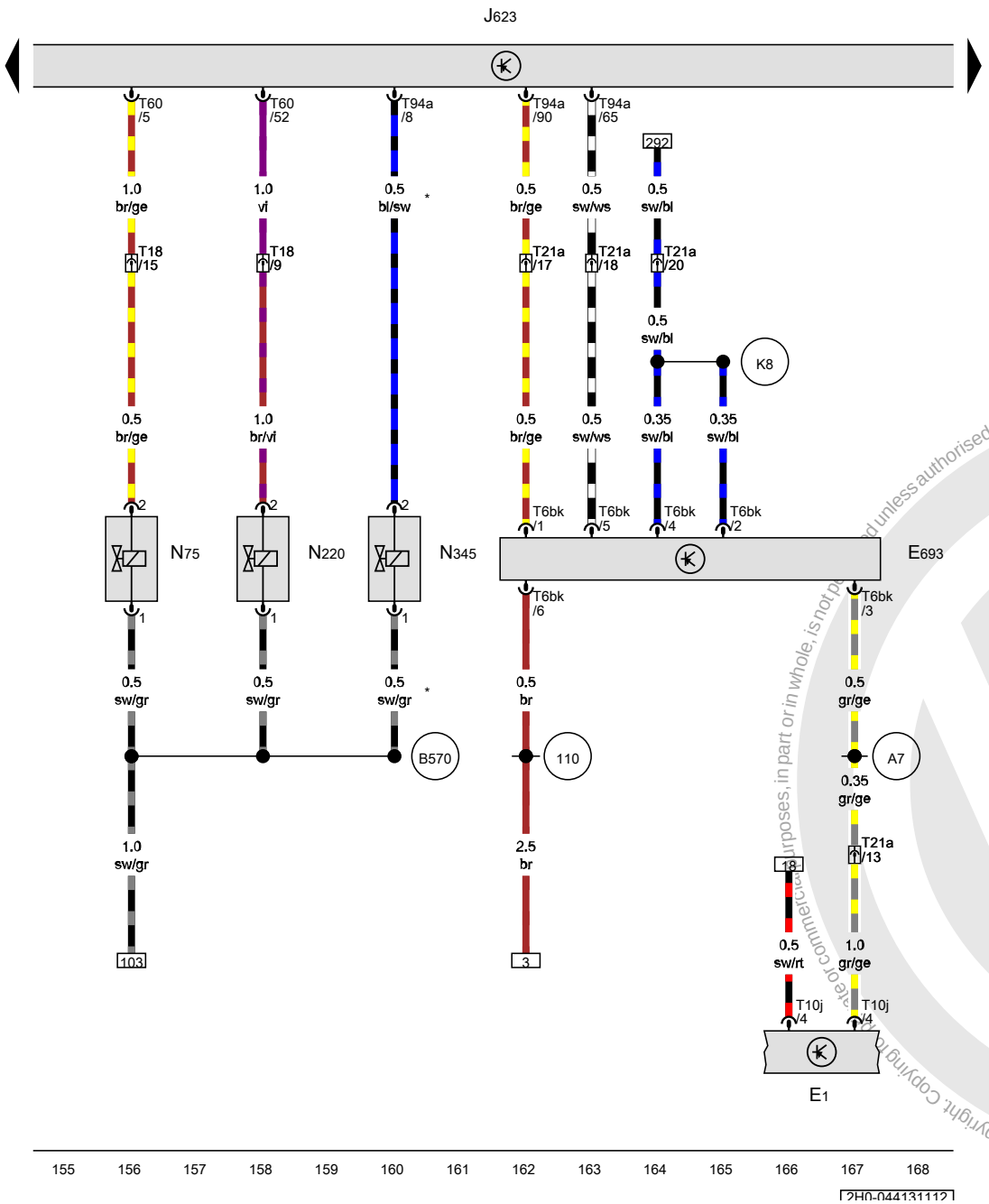

Light switch, Start/Stop operation button, Engine control unit, Charge pressure control solenoid valve, Exhaust flap valve, Exhaust gas recirculation cooler changeover valve

E1	Light switch
E693	Start/Stop operation button
J623	Engine control unit
N75	Charge pressure control solenoid valve
N220	Exhaust flap valve
N345	Exhaust gas recirculation cooler changeover valve
T6bk	6-pin connector
T10j	10-pin connector
T18	18-pin connector, near engine control unit, black
T21a	21-pin connector, on relay carrier, brown
T60	60-pin connector, black
T94a	94-pin connector, black
110	Earth connection 2, in dash panel wiring harness
A7	Positive connection (58 D1), in dash panel wiring harness
B570	Connection 37, in main wiring harness
K8	Connection 1, in centre console wiring harness
*	Only models with Euro 5 emission standard

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
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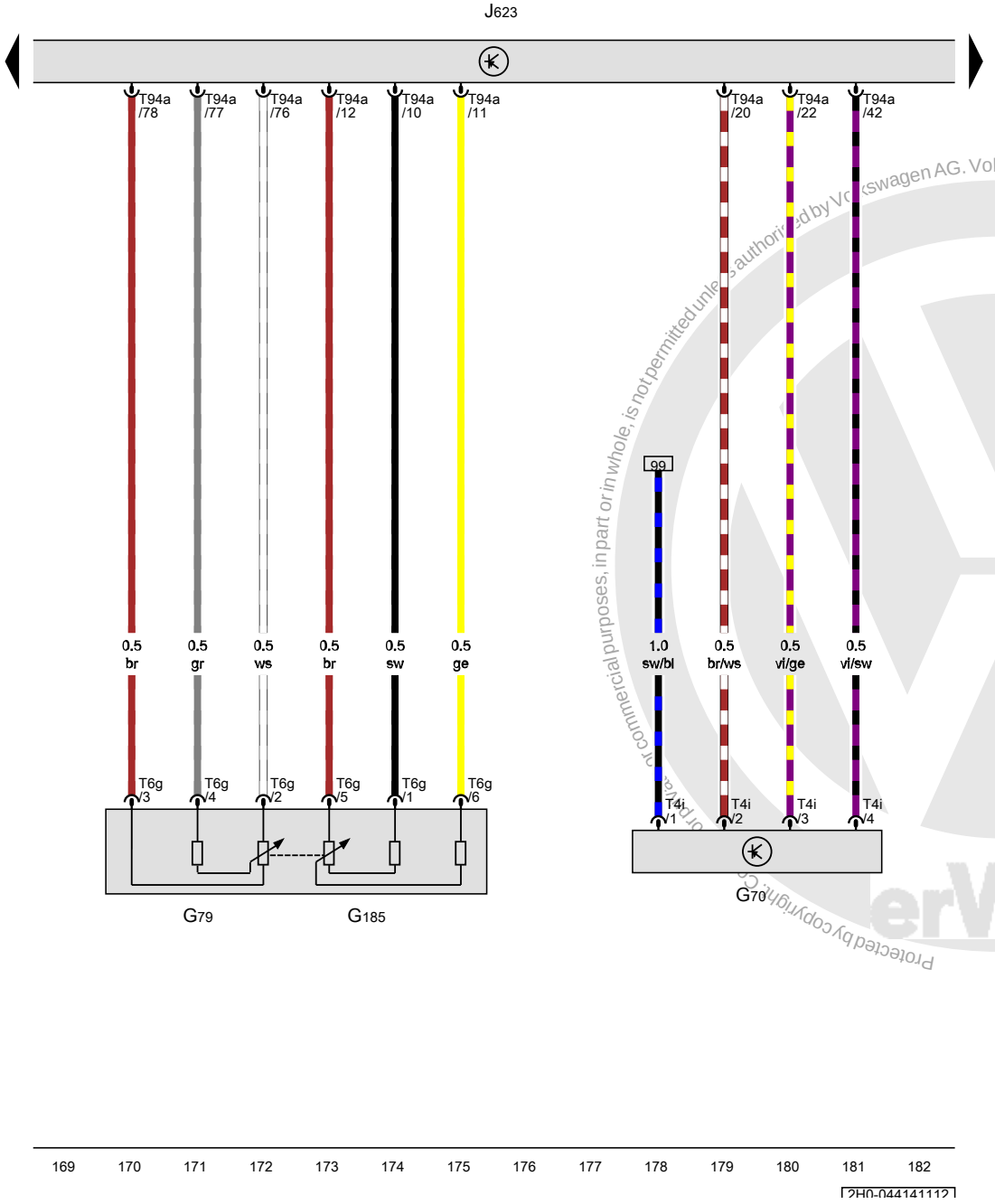
Air mass meter, Accelerator position sender, Accelerator position sender 2, Engine control unit

G70	Air mass meter
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
T4i	4-pin connector, black
T6g	6-pin connector
T94a	94-pin connector, black



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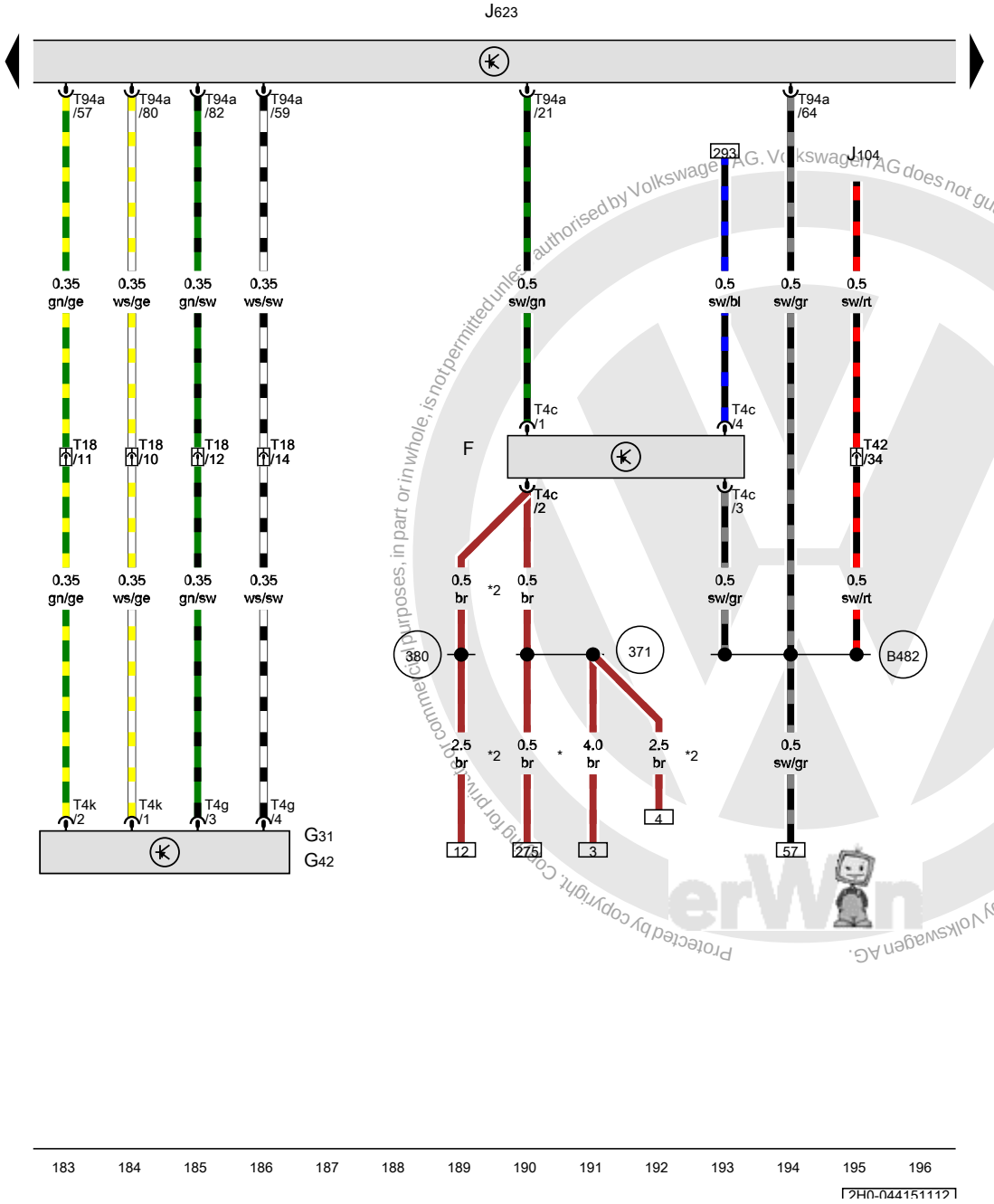

Brake light switch, Charge pressure sender, Intake air temperature sender, Engine control unit

F	Brake light switch
G31	Charge pressure sender
G42	Intake air temperature sender
J104	ABS control unit
J623	Engine control unit
T4c	4-pin connector, black
T4g	4-pin connector
T4k	4-pin connector
T18	18-pin connector, near engine control unit, black
T42	42-pin connector, near handbrake lever, black
T94a	94-pin connector, black
371	Earth connection 6, in main wiring harness
380	Earth connection 15, in main wiring harness
B482	Connection 18, in main wiring harness
*	Only models with manual gearbox
*2	From November 2011

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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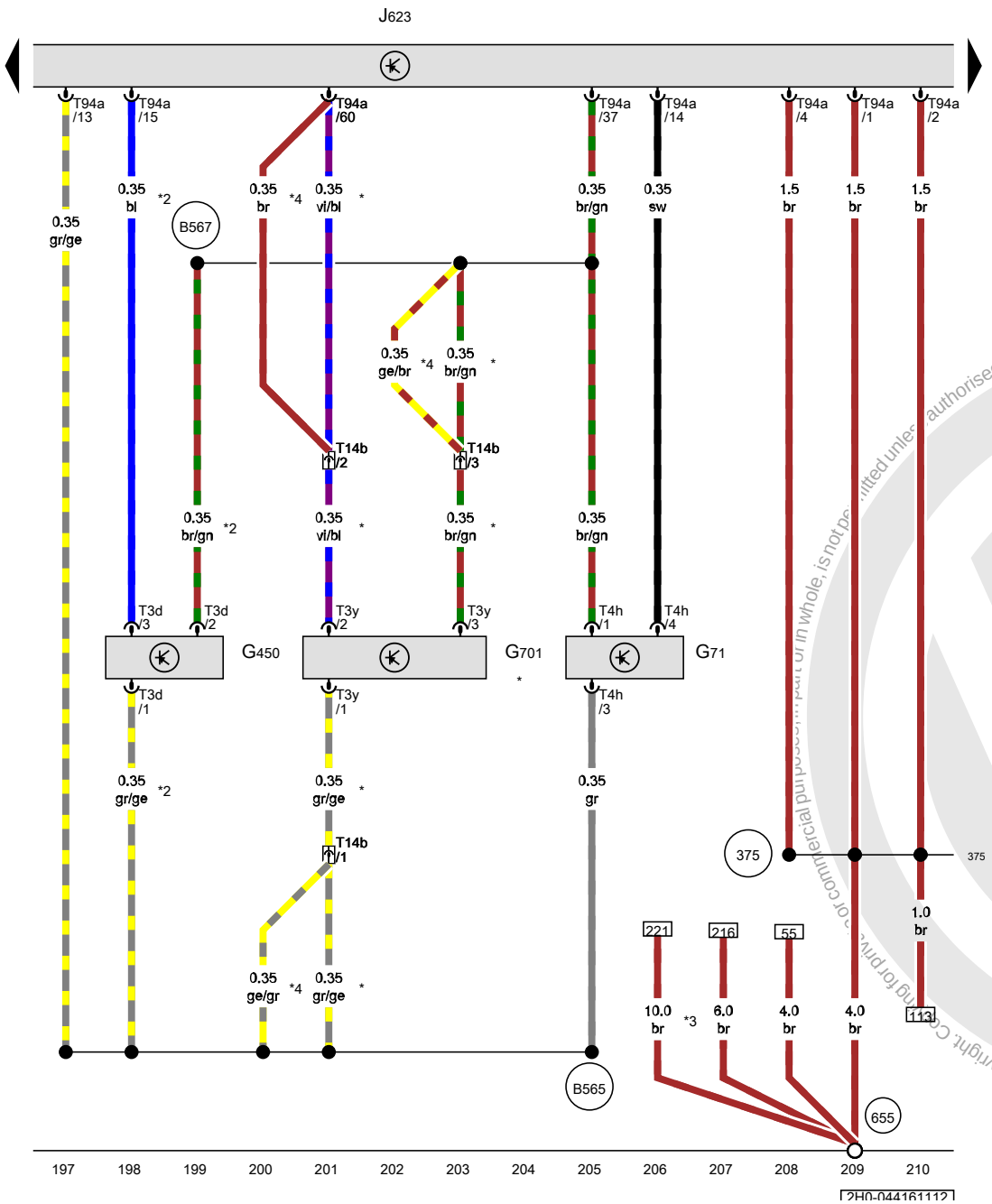

Intake manifold pressure sender, Exhaust gas pressure sensor 1, Gearbox neutral position sender, Engine control unit

G71	Intake manifold pressure sender
G450	Exhaust gas pressure sensor 1
G701	Gearbox neutral position sender
J623	Engine control unit
T3d	3-pin connector, black
T3y	3-pin connector, black
T4h	4-pin connector, black
T14b	14-pin connector, near battery, black
T94a	94-pin connector, black
375	Earth connection 10, in main wiring harness
655	Earth point, on left headlight
B565	Connection 32, in main wiring harness
B567	Connection 34, in main wiring harness
*	Only models with manual gearbox
*2	Only models with Euro 5 emission standard
*3	Only for countries with hot climate
*4	From November 2011

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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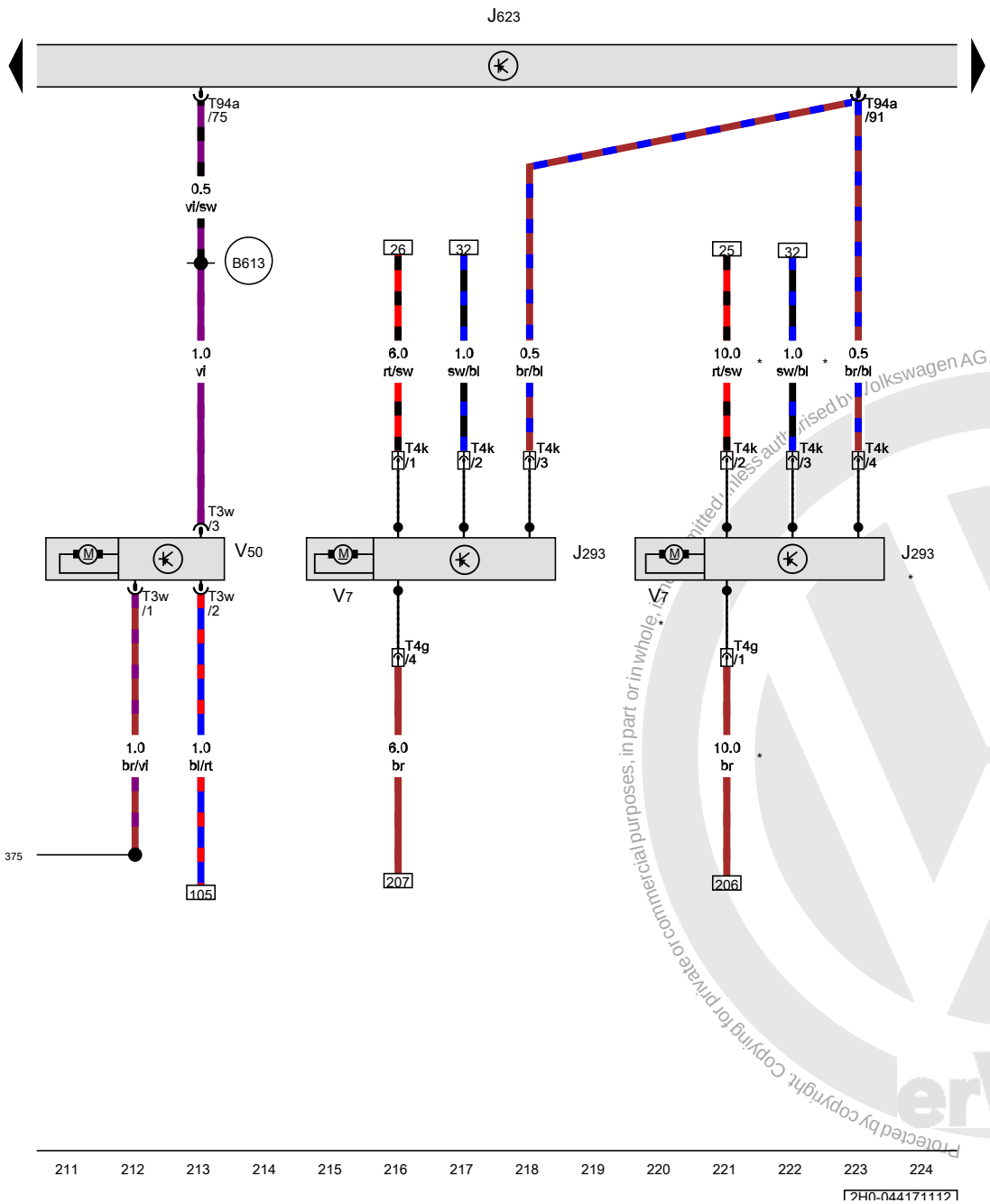

Radiator fan control unit, Engine control unit, Radiator fan, Coolant circulation pump

J293	Radiator fan control unit
J623	Engine control unit
T3w	3-pin connector, black
T4g	4-pin connector
T4k	4-pin connector, on radiator cowling, black
T94a	94-pin connector, black
V7	Radiator fan
V50	Coolant circulation pump
375	Earth connection 10, in main wiring harness
B613	Connection 41, in main wiring harness
*	Only for countries with hot climate

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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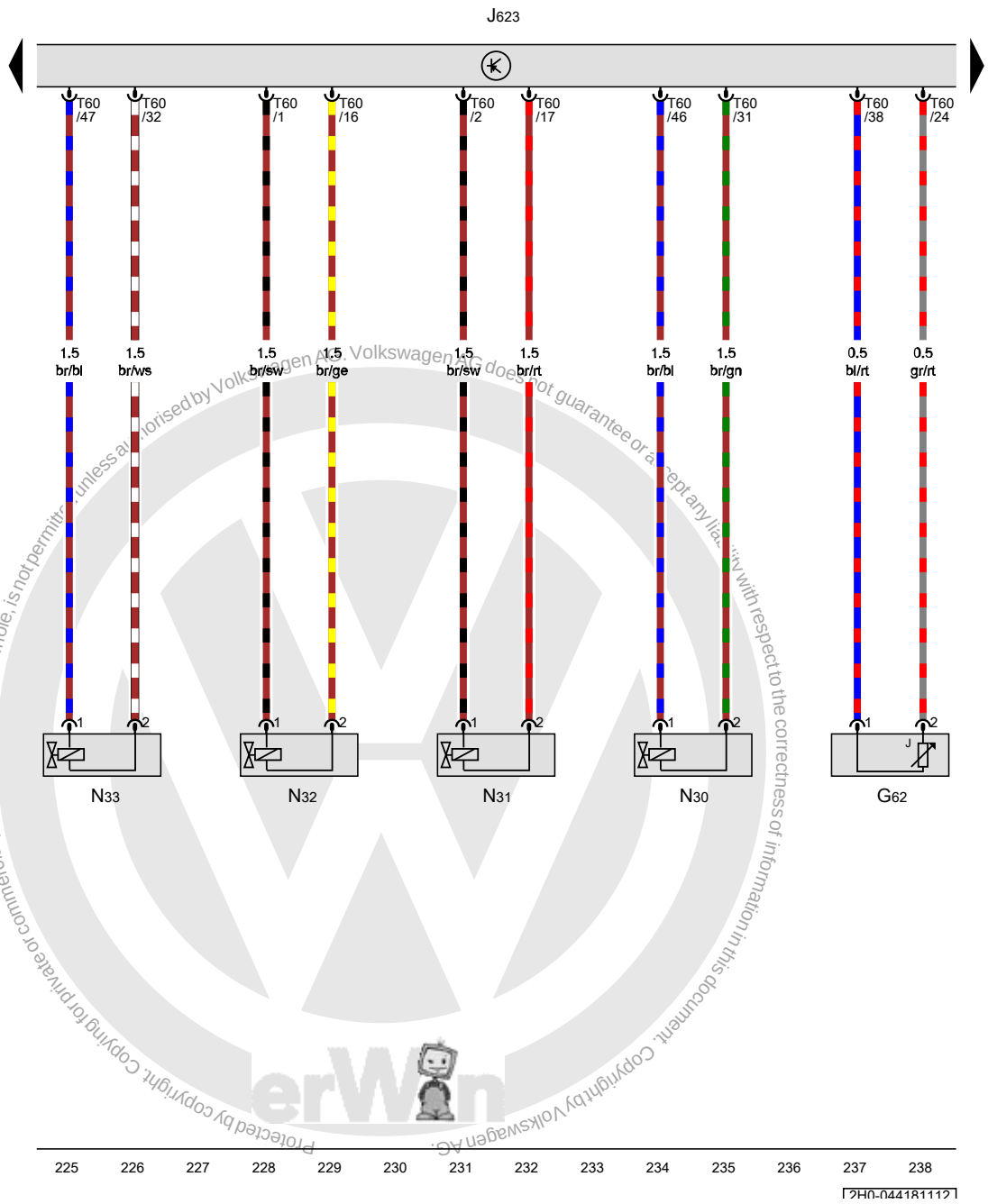

Coolant temperature sender, Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

G62	Coolant temperature sender
J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T60	60-pin connector, black

ws	=	white
sw	=	black
ro	=	red
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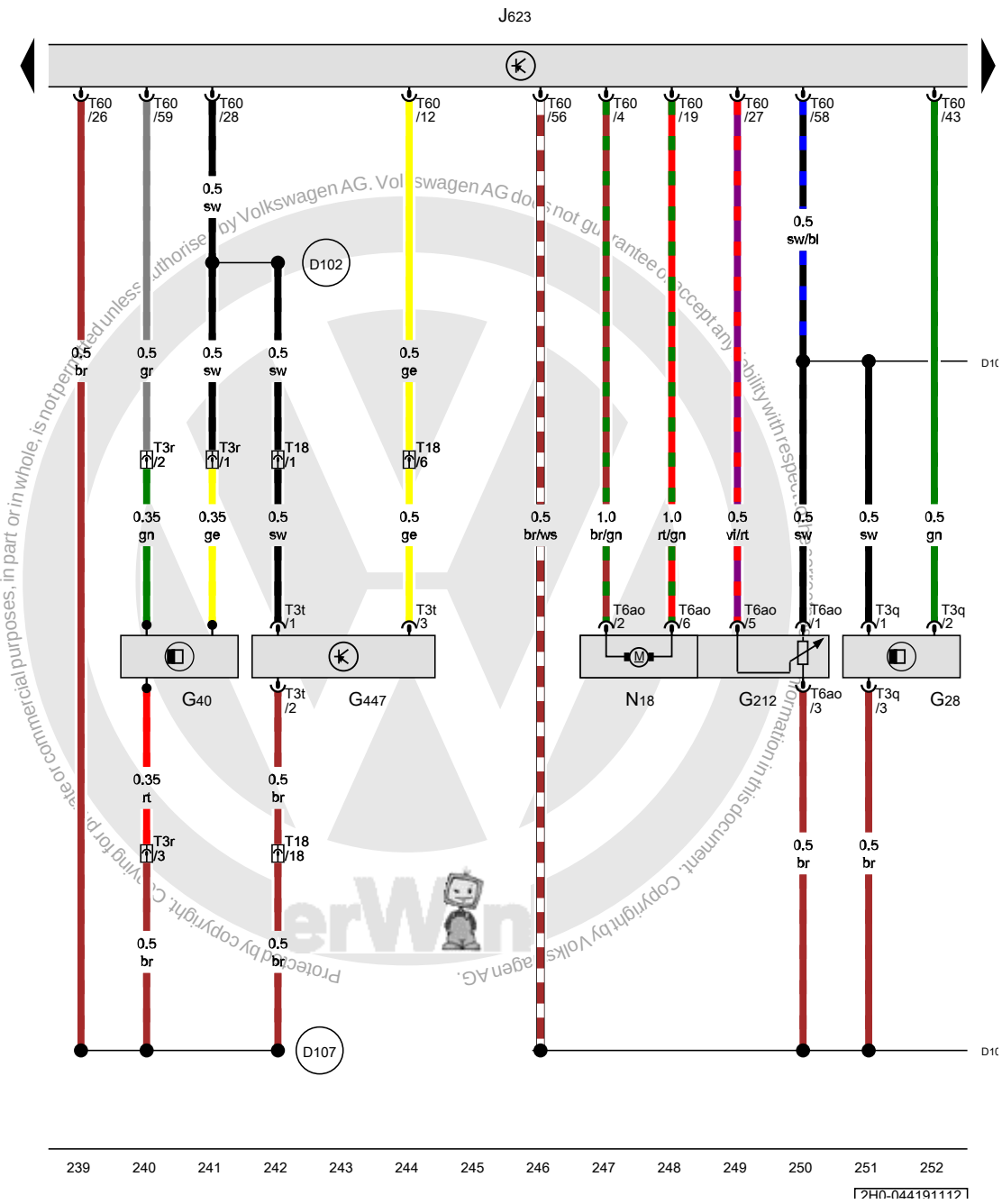

Hall sender, Exhaust gas recirculation potentiometer, Charge pressure sender 2, Engine control unit, Exhaust gas recirculation valve

G28	Engine speed sender
G40	Hall sender
G212	Exhaust gas recirculation potentiometer
G447	Charge pressure sender 2
J623	Engine control unit
N18	Exhaust gas recirculation valve
T3q	3-pin connector, black
T3r	3-pin connector, on front of engine, black
T3t	3-pin connector, black
T6ao	6-pin connector, black
T18	18-pin connector, near engine control unit, black
T60	60-pin connector, black
D101	Connection 1 in engine compartment wiring harness
D102	Connection 2 in engine compartment wiring harness
D103	Connection 3 in engine compartment wiring harness
D107	Connection 5 in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
bl	=	blue
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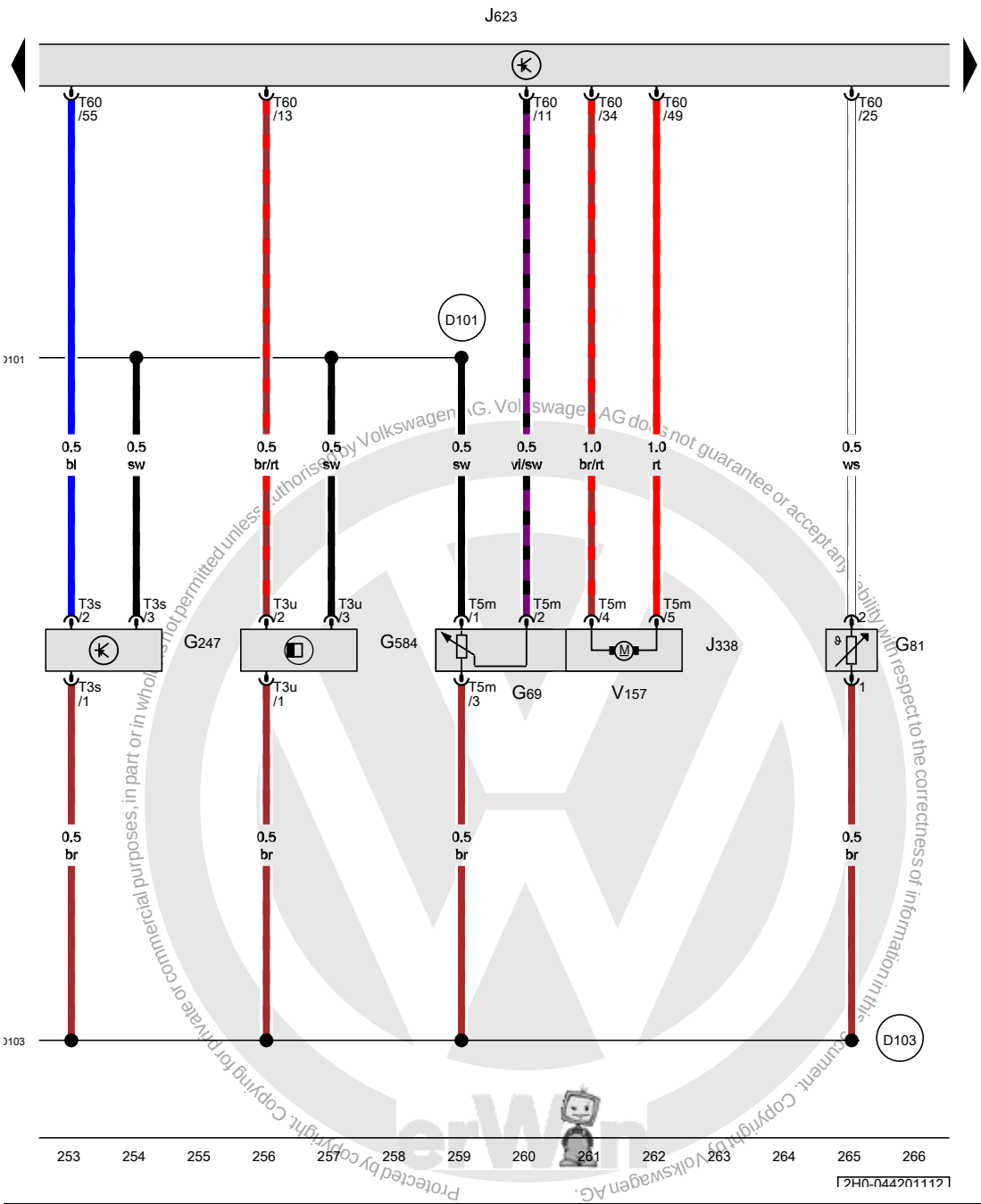

Throttle valve potentiometer, Fuel temperature sender, Fuel pressure sender, Regulating flap potentiometer, Throttle valve module, Engine control unit, Intake manifold flap motor

G69	Throttle valve potentiometer
G81	Fuel temperature sender
G247	Fuel pressure sender
G584	Regulating flap potentiometer
J338	Throttle valve module
J623	Engine control unit
T3s	3-pin connector, black
T3u	3-pin connector
T5m	5-pin connector
T60	60-pin connector, black
V157	Intake manifold flap motor
D101	Connection 1 in engine compartment wiring harness
D103	Connection 3 in engine compartment wiring harness

ws	=	white
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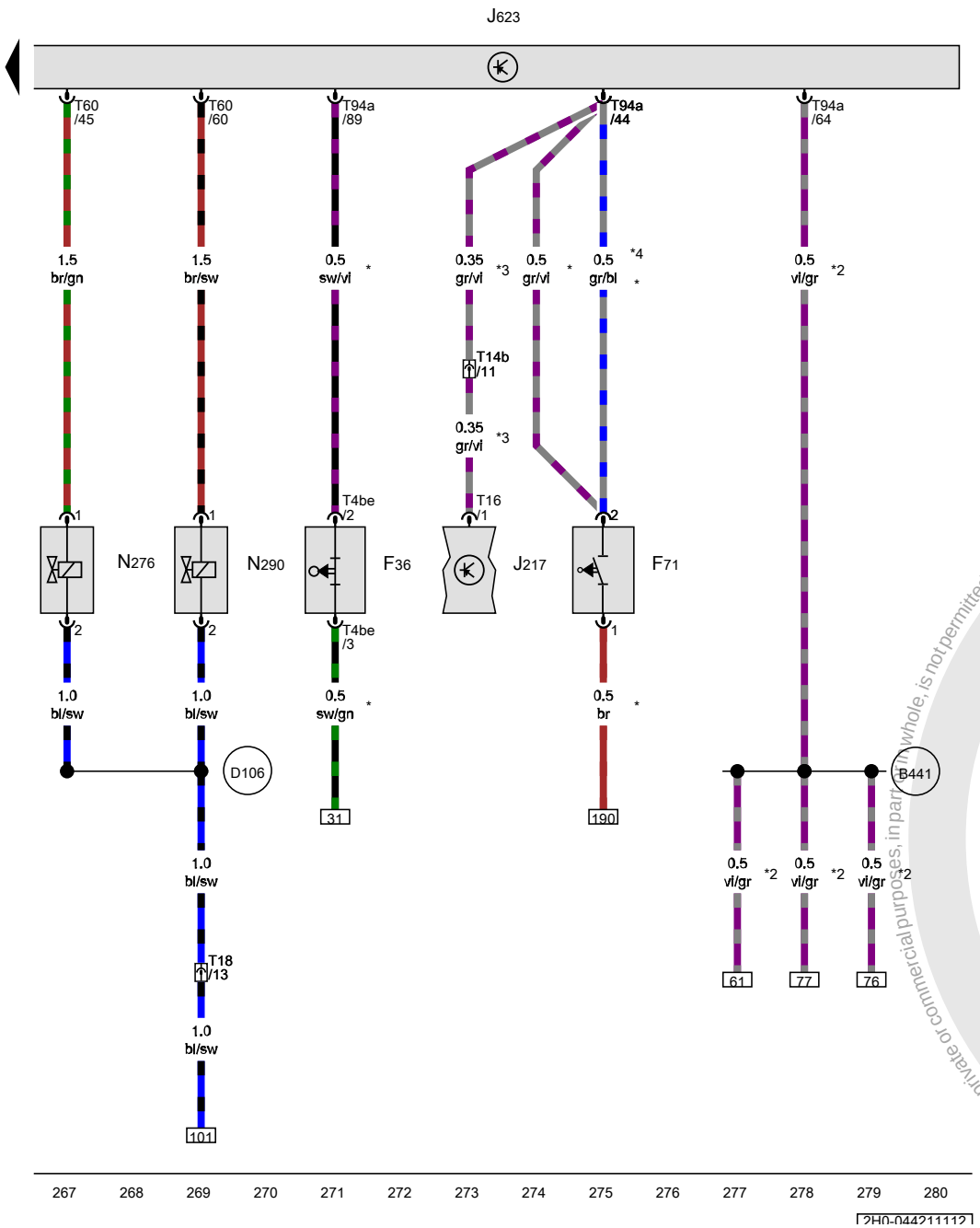

Clutch pedal switch, Clutch pedal switch for stop/start system, Automatic gearbox control unit, Engine control unit, Fuel pressure regulating valve, Fuel metering valve

F36	Clutch pedal switch
F71	Clutch pedal switch for stop/start system
J217	Automatic gearbox control unit
J623	Engine control unit
N276	Fuel pressure regulating valve
N290	Fuel metering valve
T4be	4-pin connector, black
T14b	14-pin connector, near battery, black
T16	16-pin connector
T18	18-pin connector, near engine control unit, black
T60	60-pin connector, black
T94a	94-pin connector, black
B441	Connection (CCS), in main wiring harness
D106	Connection 4 in engine compartment wiring harness
*	Only models with manual gearbox
*2	Only models with cruise control system (CCS)
*3	see applicable current flow diagram for automatic gearbox
*4	From November 2011

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
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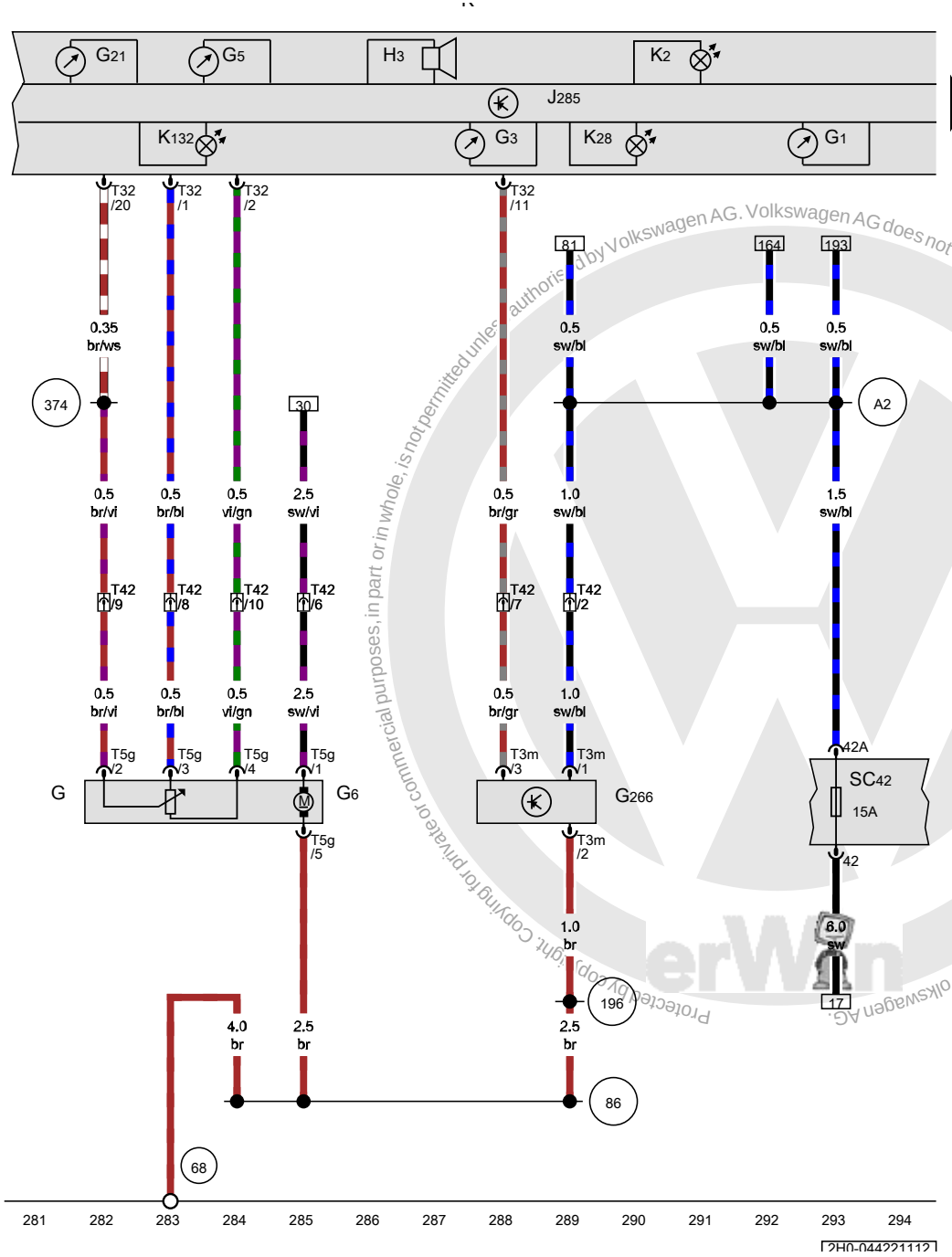

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Fuel system pressurisation pump, Oil level and oil temperature sender, Dash panel insert, Fuse 42 on fuse holder C

G	Fuel gauge sender
G1	Fuel gauge
G3	Coolant temperature gauge
G5	Rev. counter
G6	Fuel system pressurisation pump
G21	Speedometer
G266	Oil level and oil temperature sender
H3	Buzzer and gong
J285	Control unit in dash panel insert
K	Dash panel insert
K2	Alternator warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K132	Electronic power control fault lamp
SC42	Fuse 42 on fuse holder C
T3m	3-pin connector
T5g	5-pin connector
T32	32-pin connector
T42	42-pin connector, near handbrake lever, black
68	Earth point, on left of rear cross member
86	Earth connection 1, in rear wiring harness
196	Earth connection 3, in rear wiring harness
374	Earth connection 9, in main wiring harness
A2	Positive connection (15), in dash panel wiring harness

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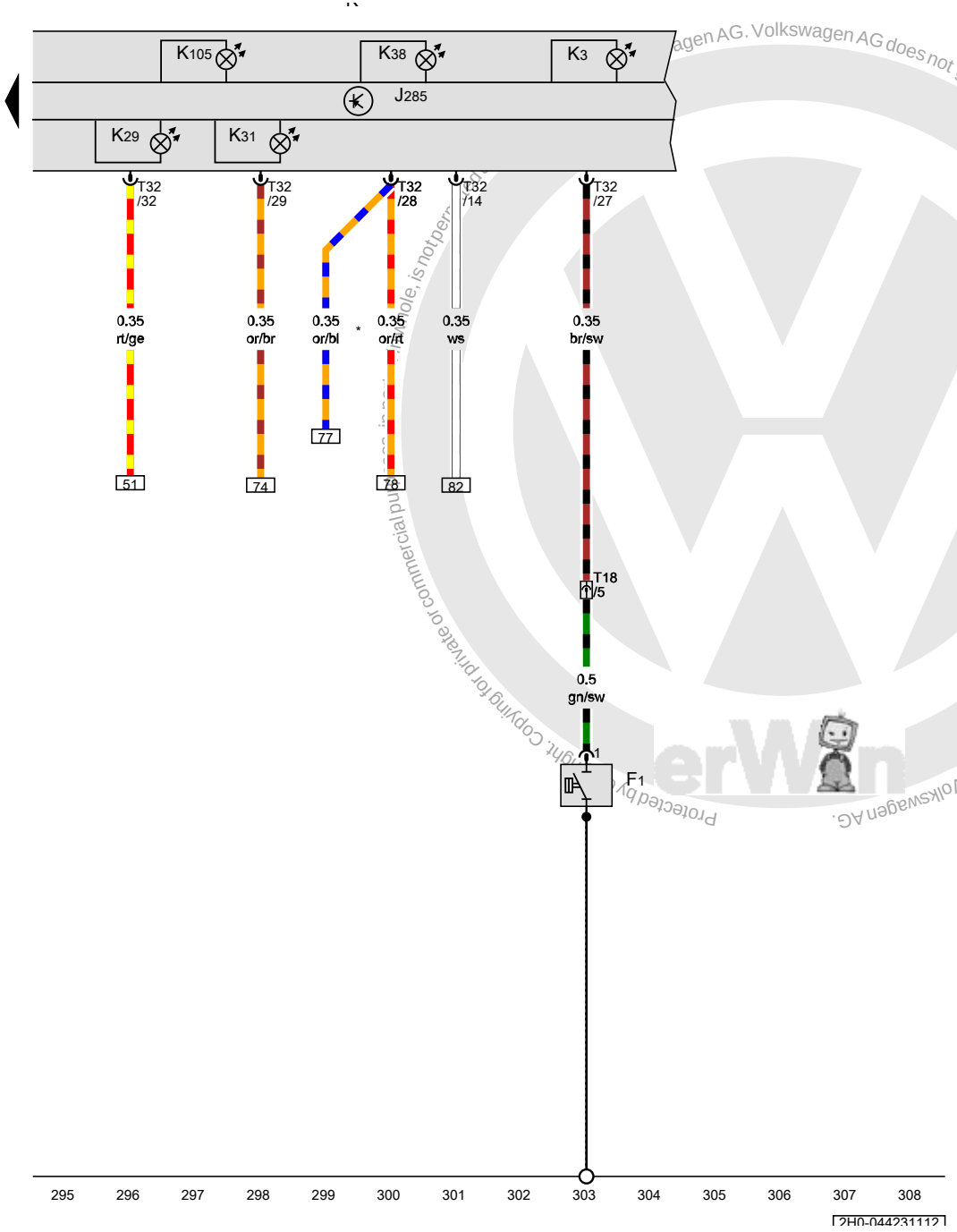

Oil pressure switch, Dash panel insert

F1	Oil pressure switch
J285	Control unit in dash panel insert
K	Dash panel insert
K3	Oil pressure warning lamp
K29	Glow period warning lamp
K31	Cruise control system warning lamp
K38	Oil level warning lamp
K105	Reserve fuel warning lamp
T18	18-pin connector, near engine control unit, black
T32	32-pin connector
*	From July 2011

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Multifunction steering wheel

From July 2011

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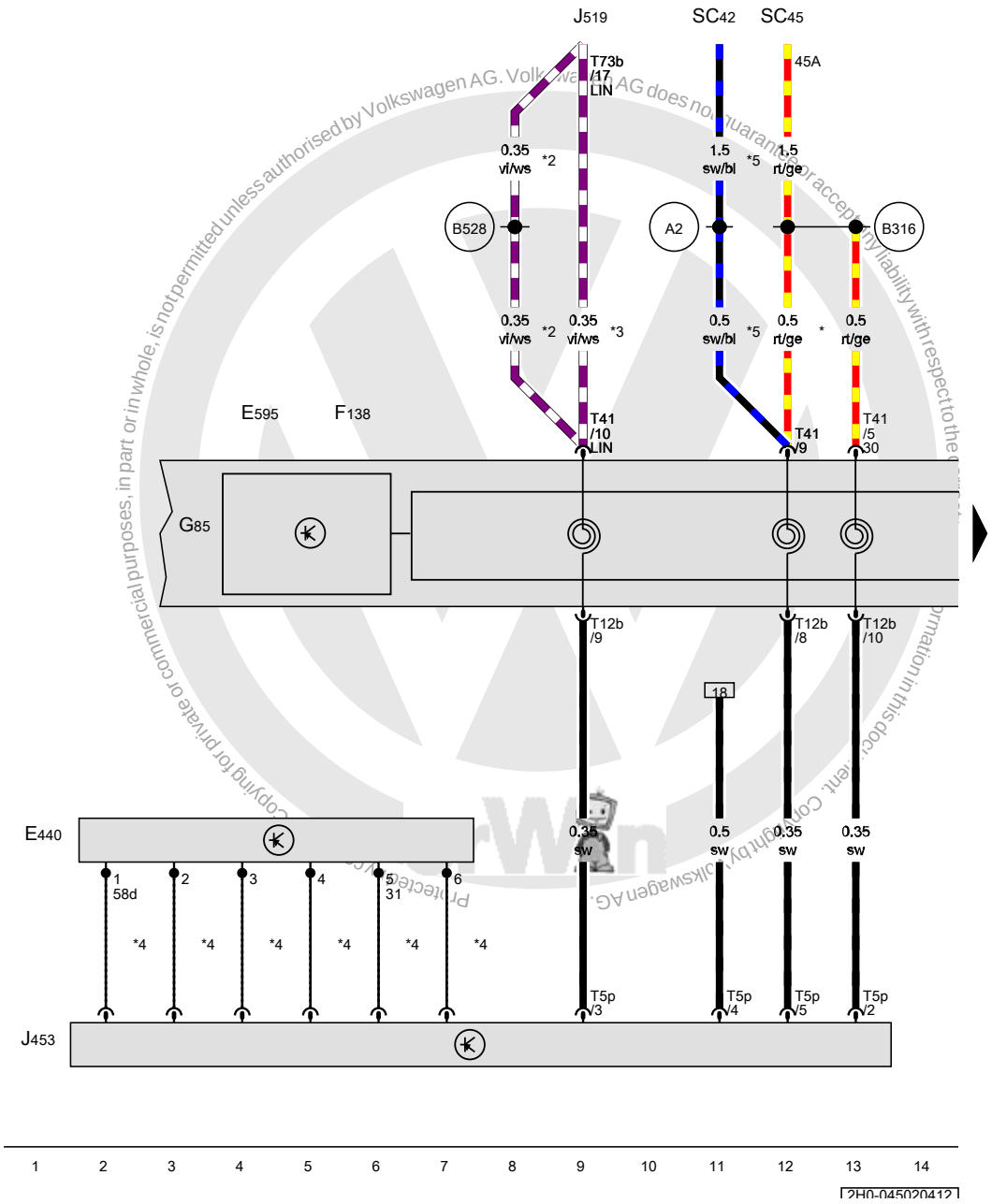

Steering column combination switch, Multifunction steering wheel control unit, Fuse 42 on fuse holder C, Fuse 45 on fuse holder C

E440	Multifunction buttons on left in steering wheel
E595	Steering column combination switch
F138	Airbag coil connector and return ring with slip ring
G85	Steering angle sender
J453	Multifunction steering wheel control unit, in steering wheel
J519	Onboard supply control unit
SC42	Fuse 42 on fuse holder C
SC45	Fuse 45 on fuse holder C
T5p	5-pin connector, black
T12b	12-pin connector, yellow
T41	41-pin connector, grey
T73b	73-pin connector
A2	Positive connection (15), in dash panel wiring harness
B316	Positive connection 2 (30a) in main wiring harness
B528	Connection 1 (LIN bus) in main wiring harness
*	Up to October 2011
*2	Only models with electric window regulators
*3	Only vehicles without electric window regulators
*4	Flat conductor
*5	From November 2011

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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or	=	orange
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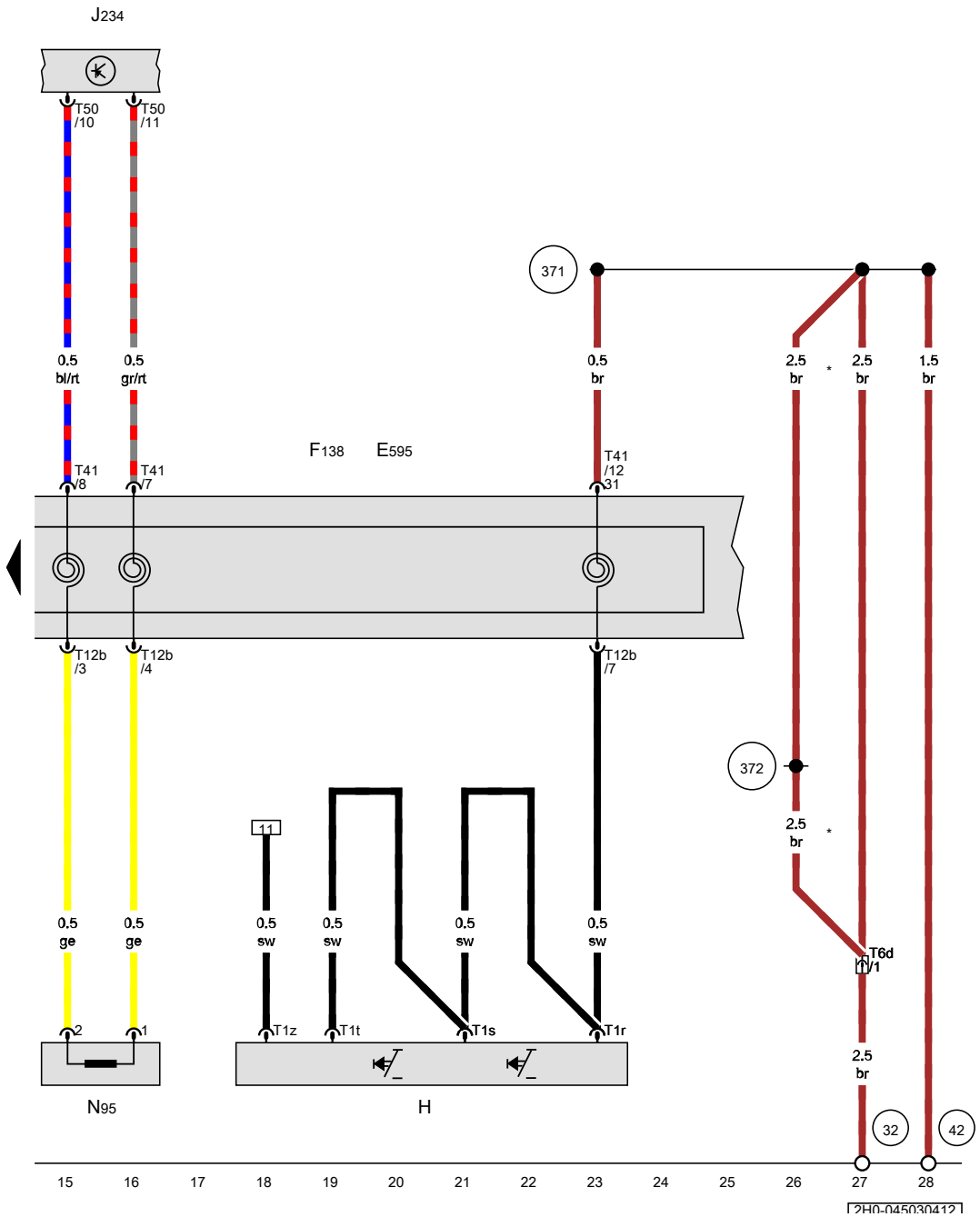

Steering column combination switch, Airbag control unit

E595	Steering column combination switch
F138	Airbag coil connector and return ring with slip ring
H	Horn plate, in steering wheel
J234	Airbag control unit
N95	Driver side airbag igniter, in steering wheel
T1r	Single connector
T1s	Single connector
T1t	Single connector
T1z	Single connector
T6d	6-pin connector
T12b	12-pin connector
T41	41-pin connector, grey
T50	50-pin connector, black
32	Earth point, on left behind dash panel
42	Earth point, next to steering column
371	Earth connection 6, in main wiring harness
372	Earth connection 7, in main wiring harness
*	From November 2011

ws	=	white
sw	=	black
ro	=	red
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Seat heating

From November 2010

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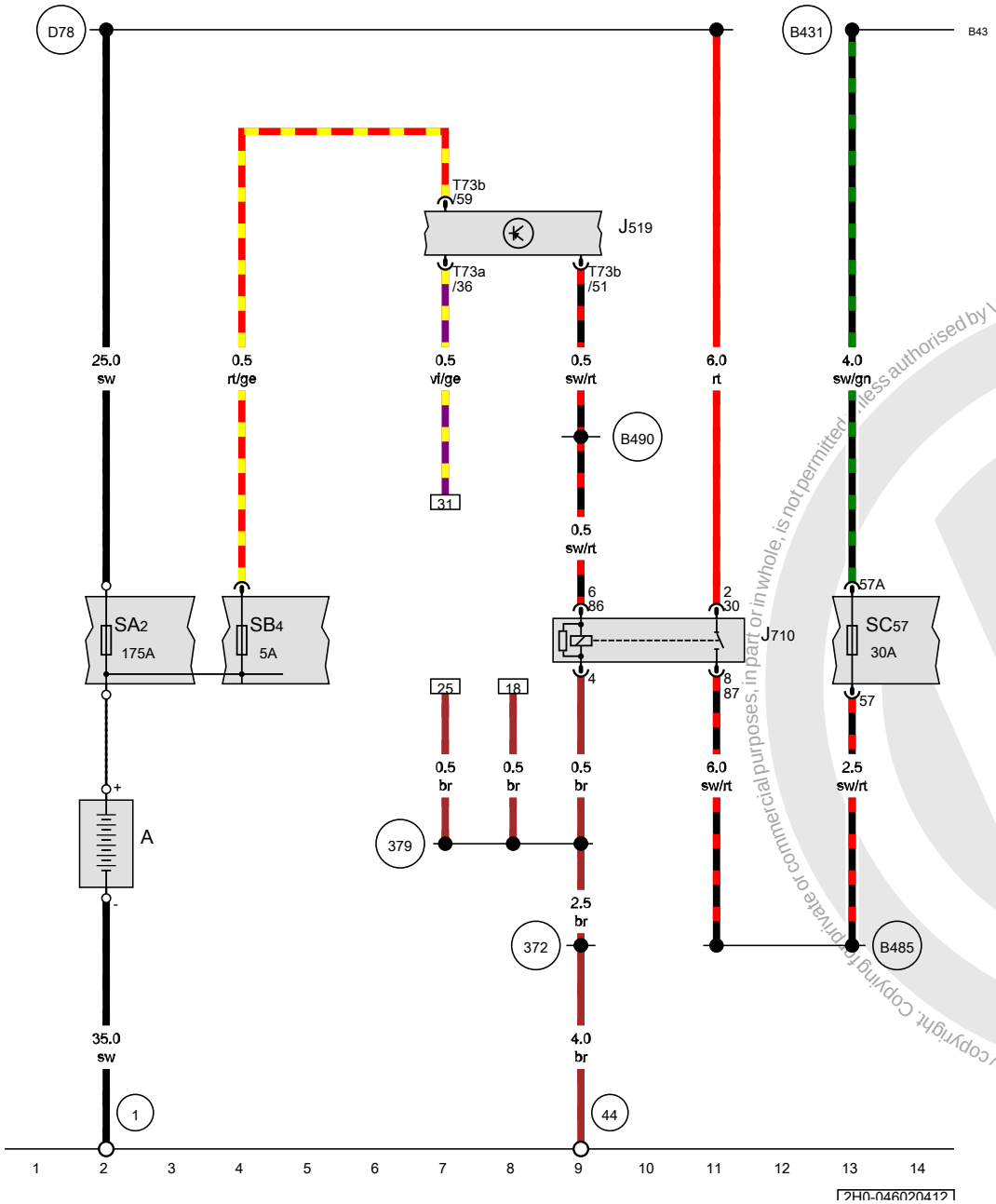

Battery, Onboard supply control unit, Voltage supply relay 2, Fuse 2 in fuse holder A, Fuse 4 on fuse holder B, Fuse 57 on fuse holder C

A	Battery
J519	Onboard supply control unit
J710	Voltage supply relay 2
SA2	Fuse 2 in fuse holder A
SB4	Fuse 4 on fuse holder B
SC57	Fuse 57 on fuse holder C
T73a	73-pin connector, black
T73b	73-pin connector
1	Earth strap, battery - body
44	Earth point, lower part of left A-pillar
372	Earth connection 7, in main wiring harness
379	Earth connection 14, in main wiring harness
B431	Connection (seat heating), in main wiring harness
B485	Connection 21, in main wiring harness
B490	Connection 26, in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
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gr	=	grey
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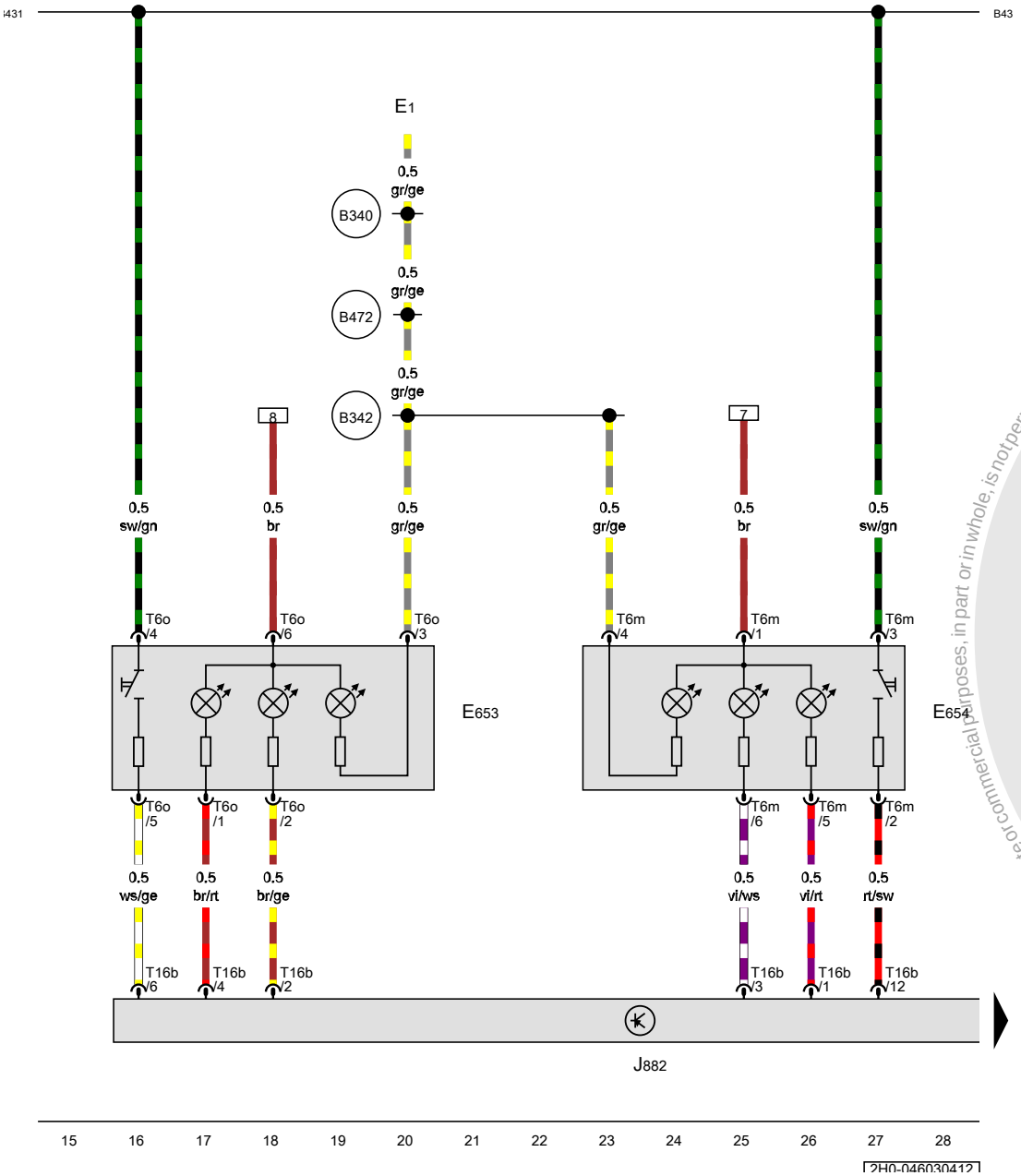

Light switch, Button for left seat heating, Button for right seat heating, Seat heating control unit

E1	Light switch
E653	Button for left seat heating
E654	Button for right seat heating
J882	Seat heating control unit
T6m	6-pin connector, white
T6o	6-pin connector, blue
T16b	16-pin connector, black
B340	Connection 1 (58d), in main wiring harness
B342	Connection 3 (58d), in main wiring harness
B431	Connection (seat heating), in main wiring harness
B472	Connection 8, in main wiring harness

ws	=	white
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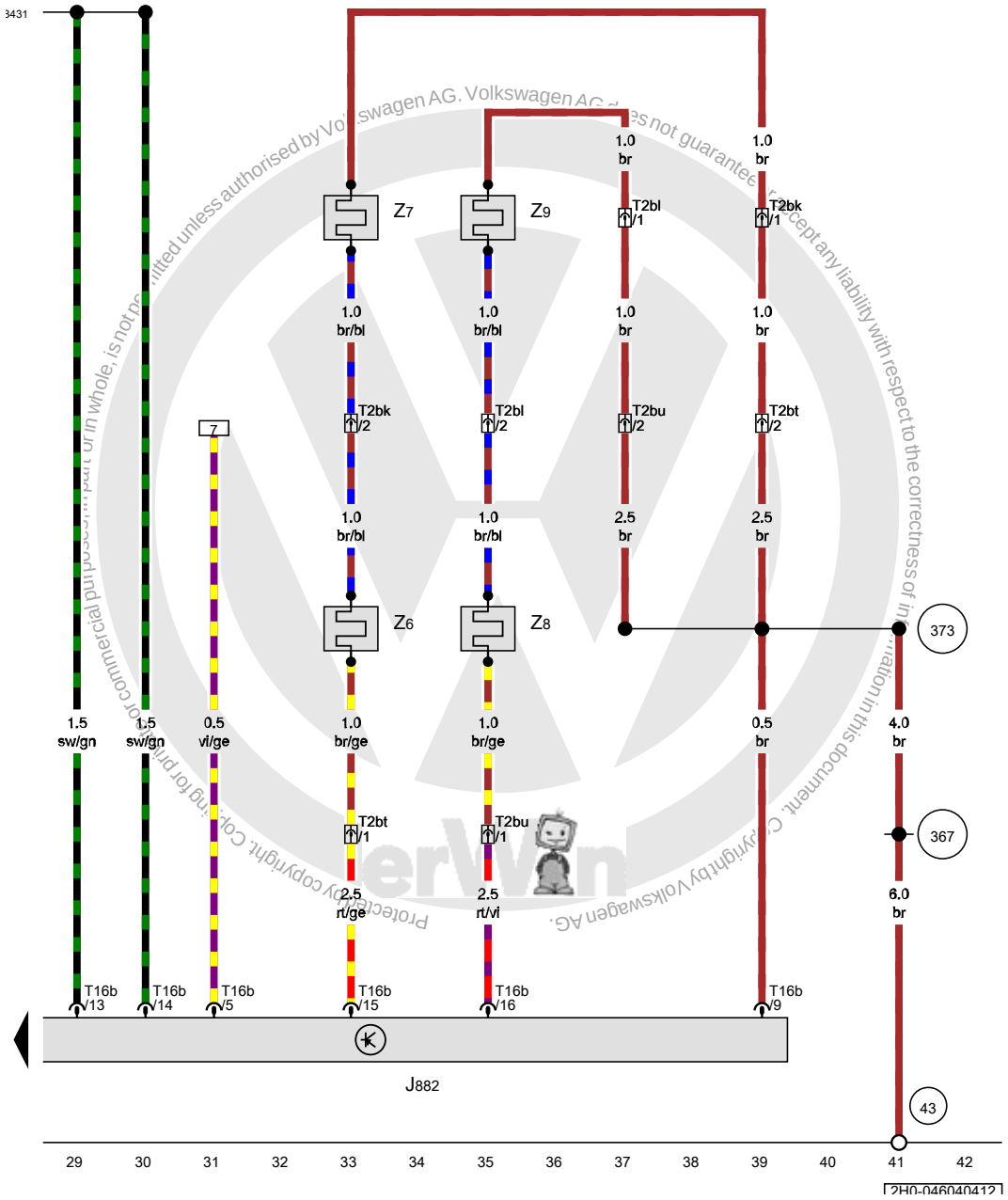

Seat heating control unit, Heated backrest for driver seat, Heated seat cushion for front passenger seat, Heated backrest for front passenger seat

J882	Seat heating control unit
T2bk	2-pin connector, in seat, black
T2bl	2-pin connector, in seat, black
T2bt	2-pin connector, under seat on front left, black
T2bu	2-pin connector, under seat on front right, black
T16b	16-pin connector, black
Z6	Heated seat cushion for driver seat
Z7	Heated backrest for driver seat
Z8	Heated seat cushion for front passenger seat
Z9	Heated backrest for front passenger seat
43	Earth point, lower part of right A-pillar
367	Earth connection 2, in main wiring harness
373	Earth connection 8, in main wiring harness
B431	Connection (seat heating), in main wiring harness

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Passenger compartment heater and ventilation system

From June 2012

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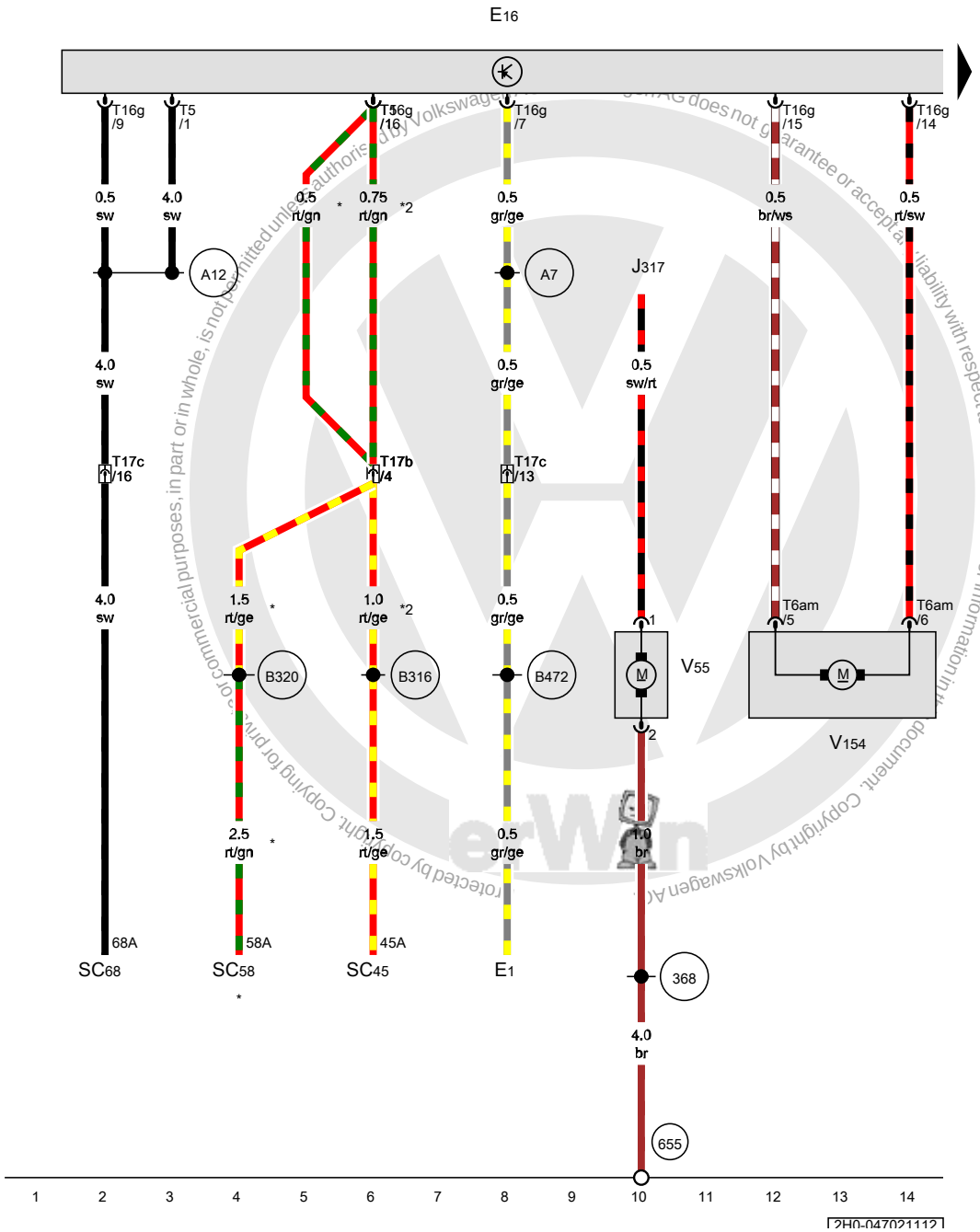

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Light switch, Heater/heat output switch, Fresh air and air recirculation flap control motor

E1	Light switch
E16	Heater/heat output switch
J317	Terminal 30 voltage supply relay
SC45	Fuse 45 on fuse holder C
SC58	Fuse 58 on fuse holder C
SC68	Fuse 68 on fuse holder C
T5	5-pin connector, black
T6am	6-pin connector, blue
T16g	16-pin connector, black
T17b	17-pin connector, on left under dash panel, brown
T17c	17-pin connector, on left under dash panel, black
V55	Circulation pump
V154	Fresh air and air recirculation flap control motor
368	Earth connection 3, in main wiring harness
655	Earth point, on left headlight
A7	Positive connection (58 D1), in dash panel wiring harness
A12	Positive connection (75a), in dash panel wiring harness
B316	Positive connection 2 (30a) in main wiring harness
B320	Positive connection 6 (30a) in main wiring harness
B472	Connection 8, in main wiring harness
*	From January 2013
*2	Up to December 2012

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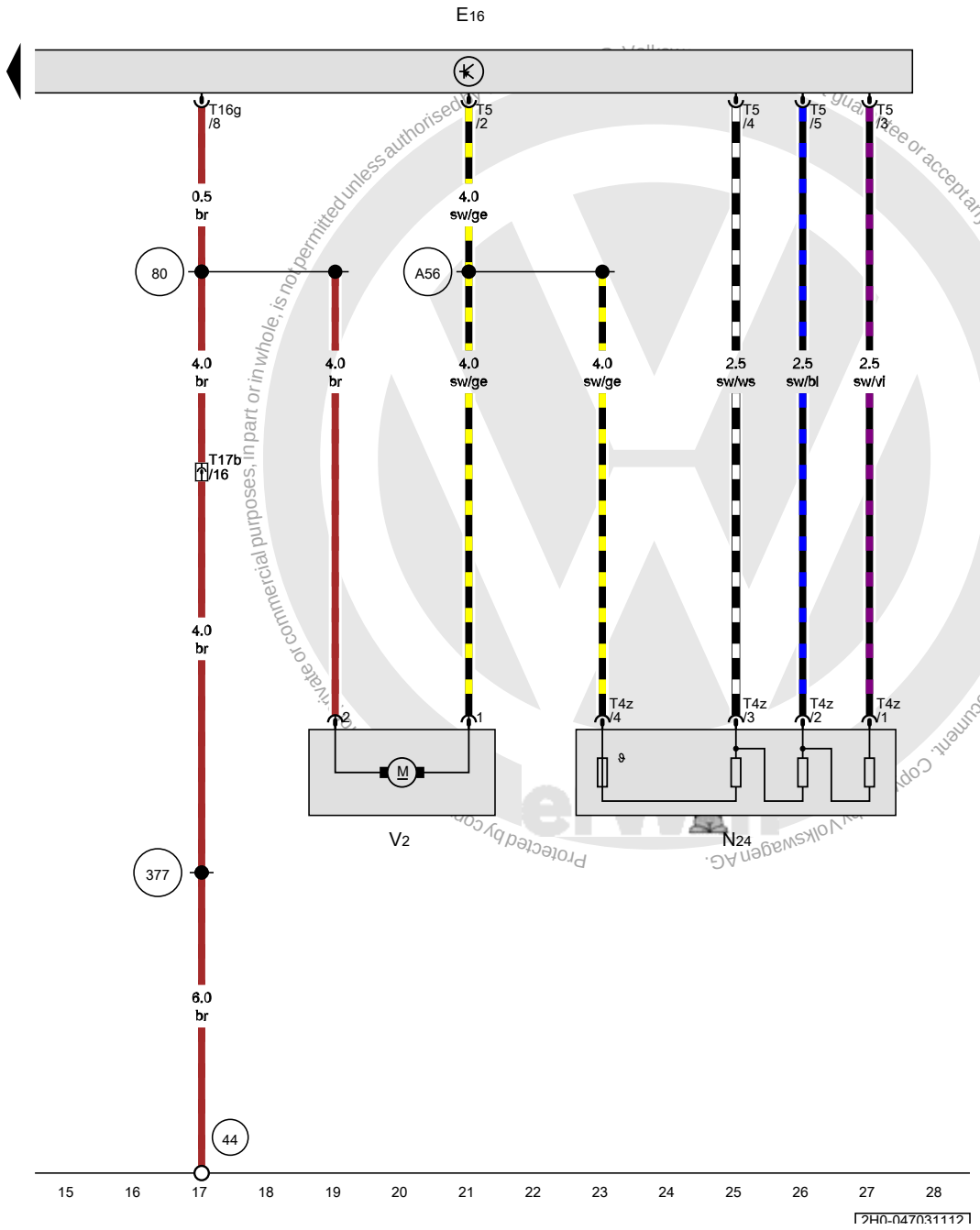

Heater/heat output switch, Fresh air blower series resistor with overheating fuse, Fresh air blower

E16	Heater/heat output switch
N24	Fresh air blower series resistor with overheating fuse
T4z	4-pin connector, black
T5	5-pin connector, black
T16g	16-pin connector, black
T17b	17-pin connector, on left under dash panel, brown
V2	Fresh air blower
44	Earth point, lower part of left A-pillar
80	Earth connection 1, in dash panel wiring harness
377	Earth connection 12, in main wiring harness
A56	Positive connection 2 (30), in dash panel wiring harness

ws	=	white
sw	=	black
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Climatic

From June 2012

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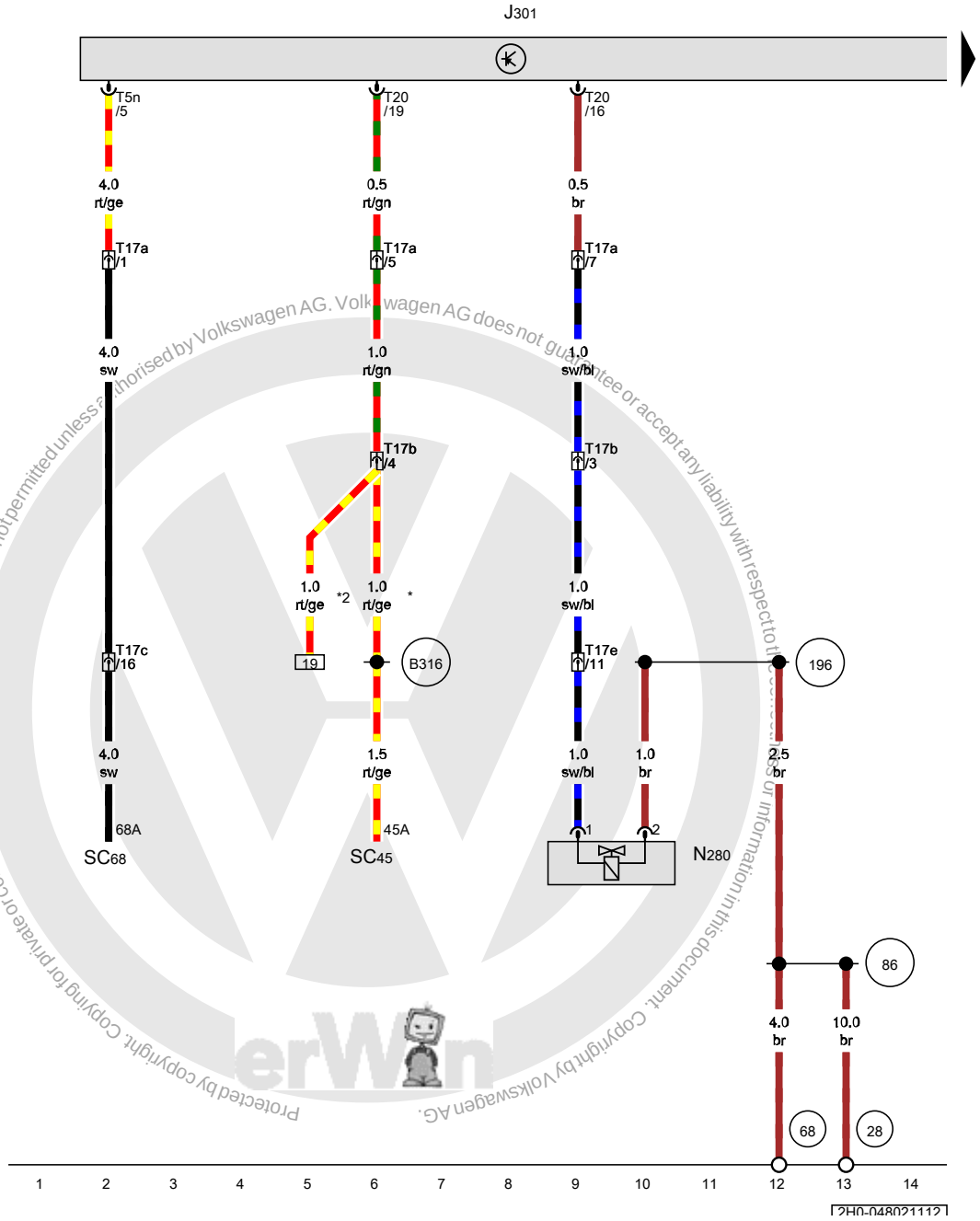

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Air conditioning system control unit, Air conditioner compressor regulating valve

J301	Air conditioning system control unit
N280	Air conditioner compressor regulating valve
SC45	Fuse 45 on fuse holder C
SC68	Fuse 68 on fuse holder C
T5n	5-pin connector, black
T17a	17-pin connector, behind glove compartment, black
T17b	17-pin connector, on left under dash panel, brown
T17c	17-pin connector, on left under dash panel
T17e	17-pin connector, near handbrake lever, red
T20	20-pin connector, black
28	Earth point, on bulkhead
68	Earth point, on left of rear cross member
86	Earth connection 1, in rear wiring harness
196	Earth connection 3, in rear wiring harness
B316	Positive connection 2 (30a) in main wiring harness
*	Up to December 2012
*2	From January 2013

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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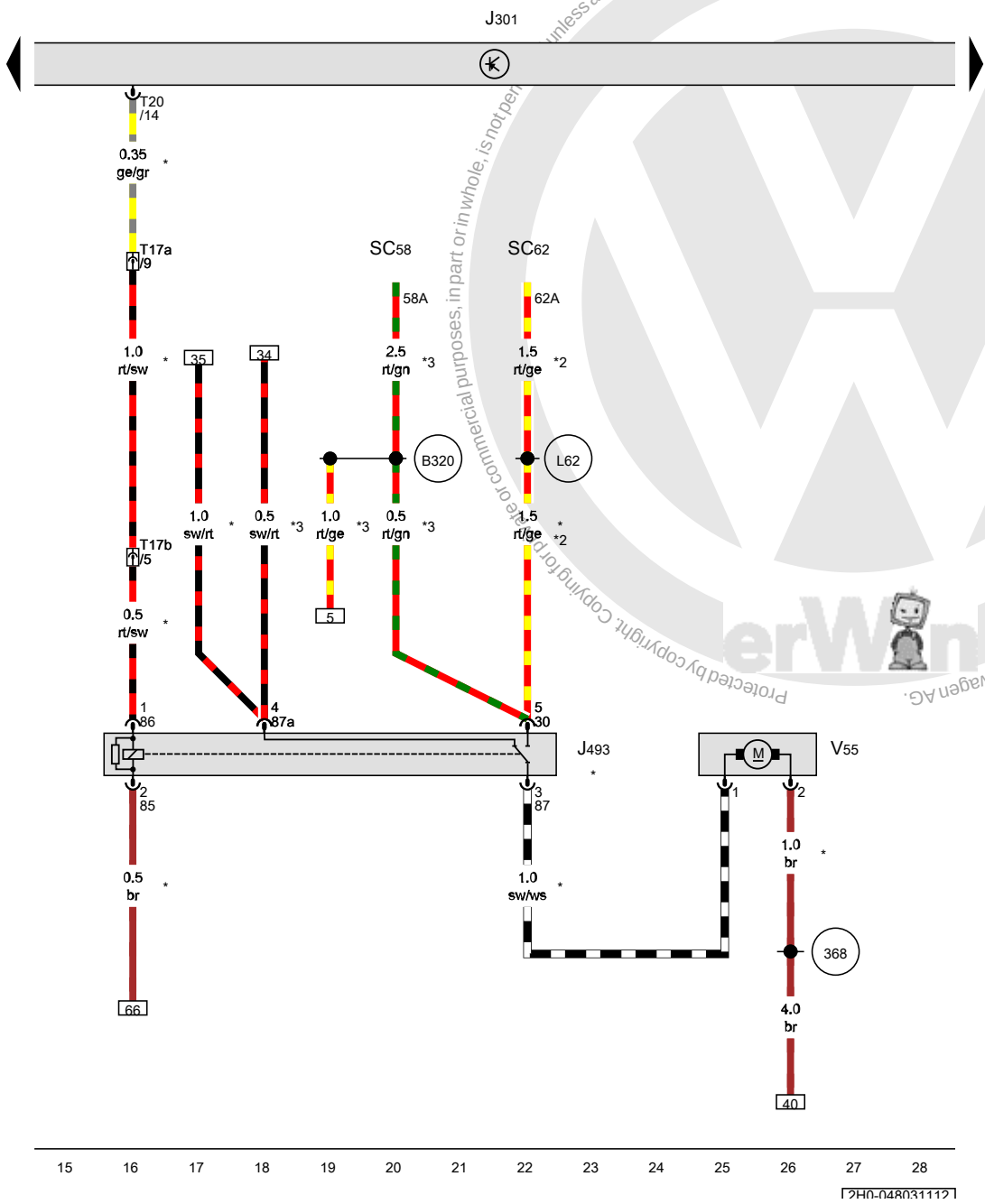

Air conditioning system control unit, Auxiliary coolant heater relay, Fuse 62 on fuse holder C, Circulation pump

J301	Air conditioning system control unit
J493	Auxiliary coolant heater relay
SC58	Fuse 58 on fuse holder C
SC62	Fuse 62 on fuse holder C
T17a	17-pin connector, behind glove compartment, black
T17b	17-pin connector, on left under dash panel, brown
T20	20-pin connector, black
V55	Circulation pump
368	Earth connection 3, in main wiring harness
B320	Positive connection 6 (30a) in main wiring harness
L62	Positive connection (30a), in auxiliary heater wiring harness
*	Only models with diesel engine
*2	Up to December 2012
*3	From January 2013

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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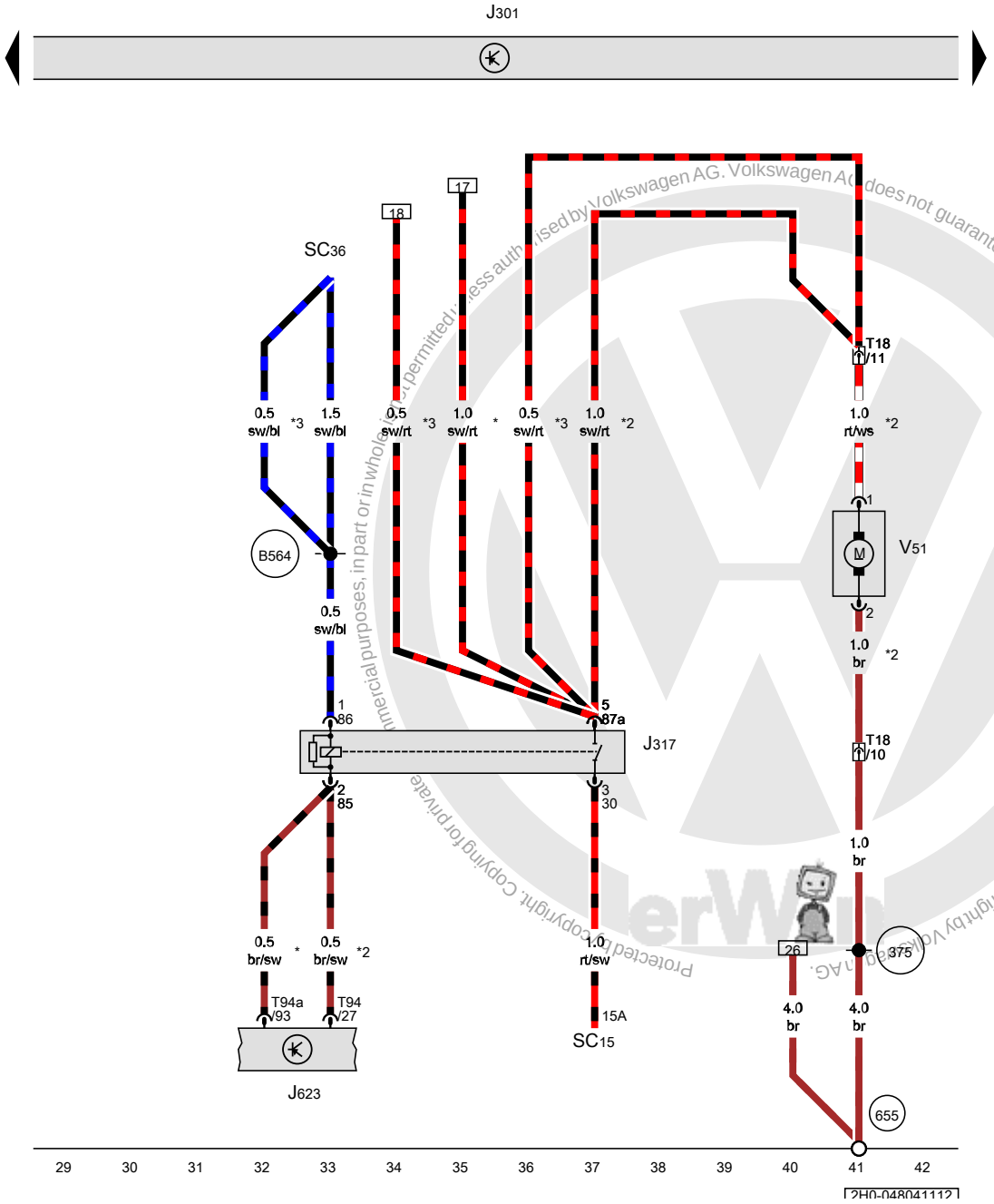

Air conditioning system control unit, Fuse 15 on fuse holder C, Continued coolant circulation pump

J301	Air conditioning system control unit
J317	Terminal 30 voltage supply relay
J623	Engine control unit
SC15	Fuse 15 on fuse holder C
SC36	Fuse 36 on fuse holder C
T18	18-pin connector, near engine control unit, black
T94	94-pin connector, black
T94a	94-pin connector, black
V51	Continued coolant circulation pump
375	Earth connection 10, in main wiring harness
655	Earth point, on left headlight
B564	Connection 31, in main wiring harness
*	Only models with diesel engine
*2	Only models with petrol engine
*3	From January 2013

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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or	=	orange
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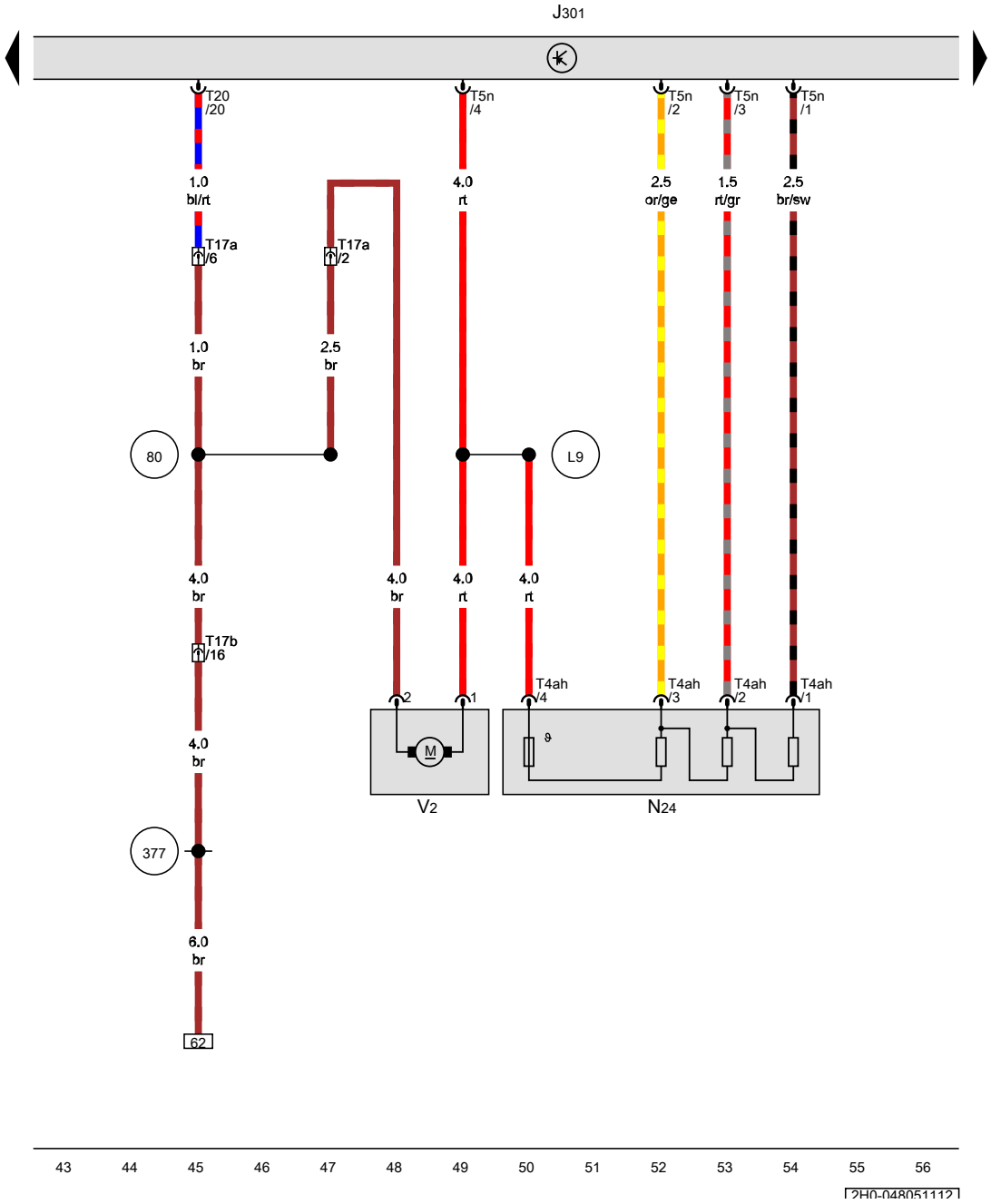

Air conditioning system control unit, Fresh air blower series resistor with overheating fuse, Fresh air blower

J301	Air conditioning system control unit
N24	Fresh air blower series resistor with overheating fuse
T4ah	4-pin connector, black
T5n	5-pin connector, black
T17a	17-pin connector, behind glove compartment, black
T17b	17-pin connector, on left under dash panel, brown
T20	20-pin connector, black
V2	Fresh air blower
80	Earth connection 1, in dash panel wiring harness
377	Earth connection 12, in main wiring harness
L9	Connection 1, in air conditioning system wiring harness

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
bl	=	blue
gr	=	grey
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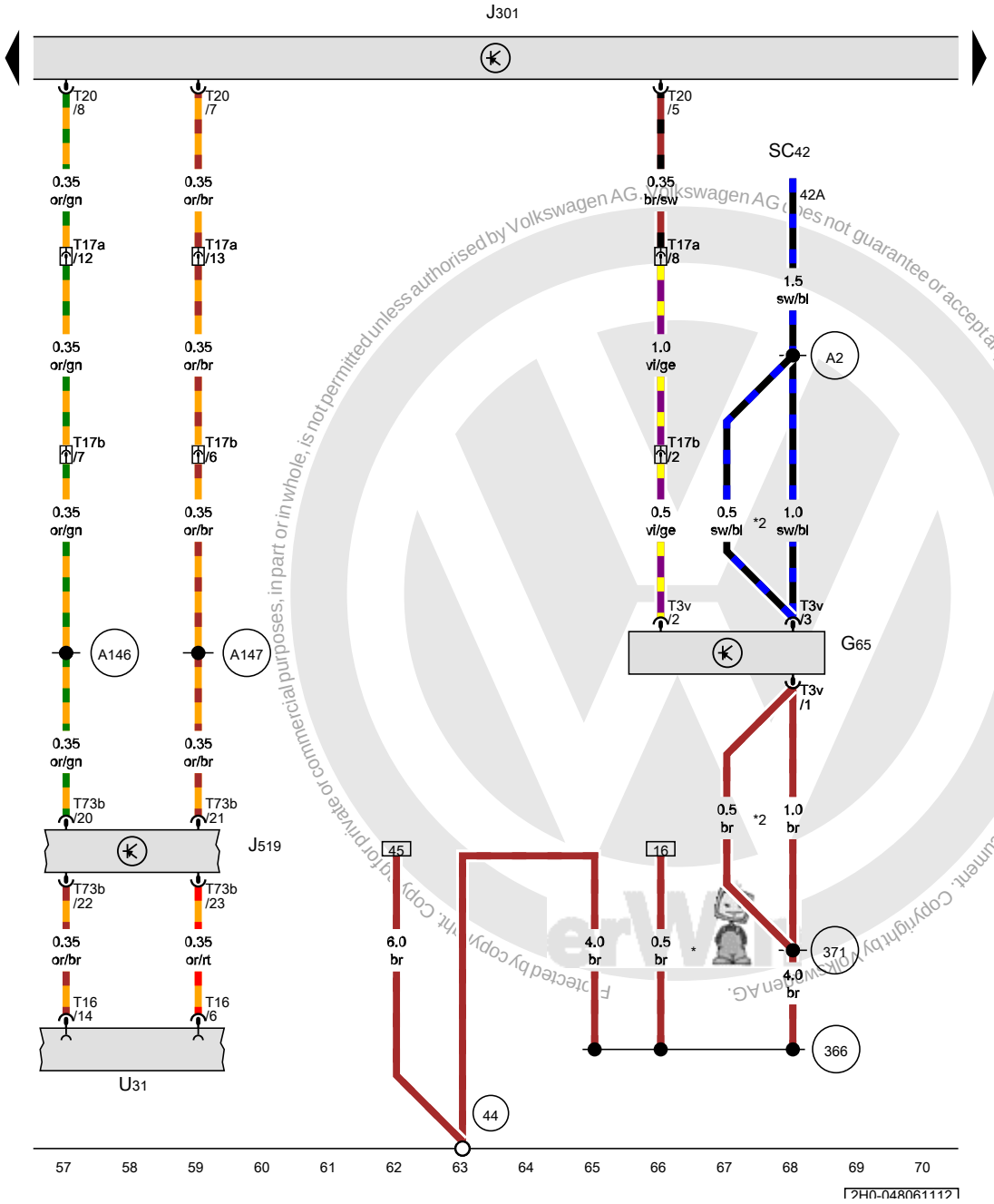

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High-pressure sender, Air conditioning system control unit, Onboard supply control unit, Fuse 42 on fuse holder C

G65	High-pressure sender
J301	Air conditioning system control unit
J519	Onboard supply control unit
SC42	Fuse 42 on fuse holder C
T3v	3-pin connector
T16	16-pin connector, black
T17a	17-pin connector, behind glove compartment, black
T17b	17-pin connector, on left under dash panel, brown
T20	20-pin connector, black
T73b	73-pin connector
U31	Diagnostic connection
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
371	Earth connection 6, in main wiring harness
A2	Positive connection (15), in dash panel wiring harness
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
*	Only models with diesel engine
*2	From January 2013

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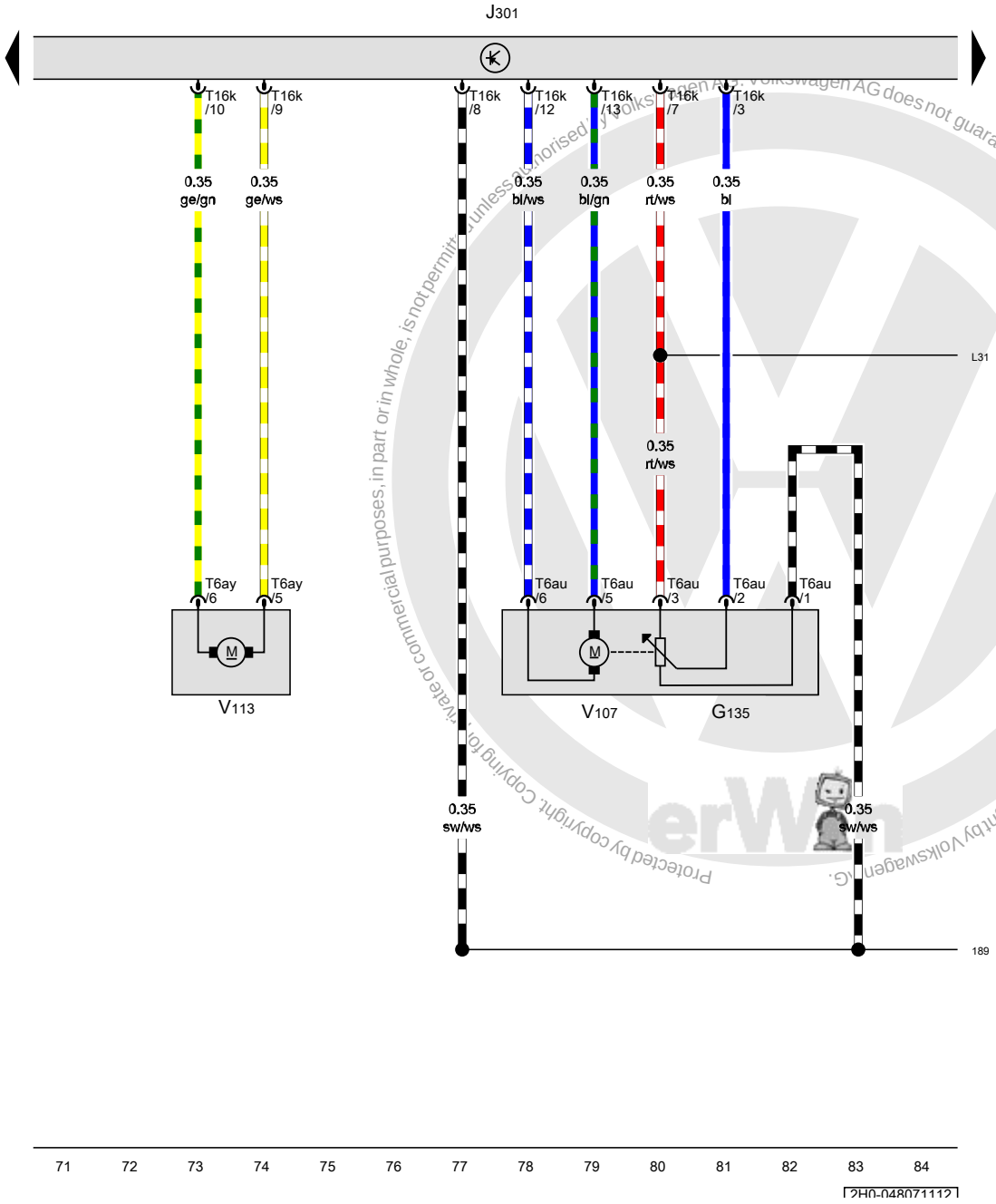

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Potentiometer for defroster flap control motor, Air conditioning system control unit, Defroster flap control motor, Air recirculation flap control motor

G135	Potentiometer for defroster flap control motor
J301	Air conditioning system control unit
T6au	6-pin connector
T6ay	6-pin connector
T16k	16-pin connector, black
V107	Defroster flap control motor
V113	Air recirculation flap control motor
189	Earth connection 1, in heater wiring harness
L31	Connection (5V), in air conditioning system wiring harness

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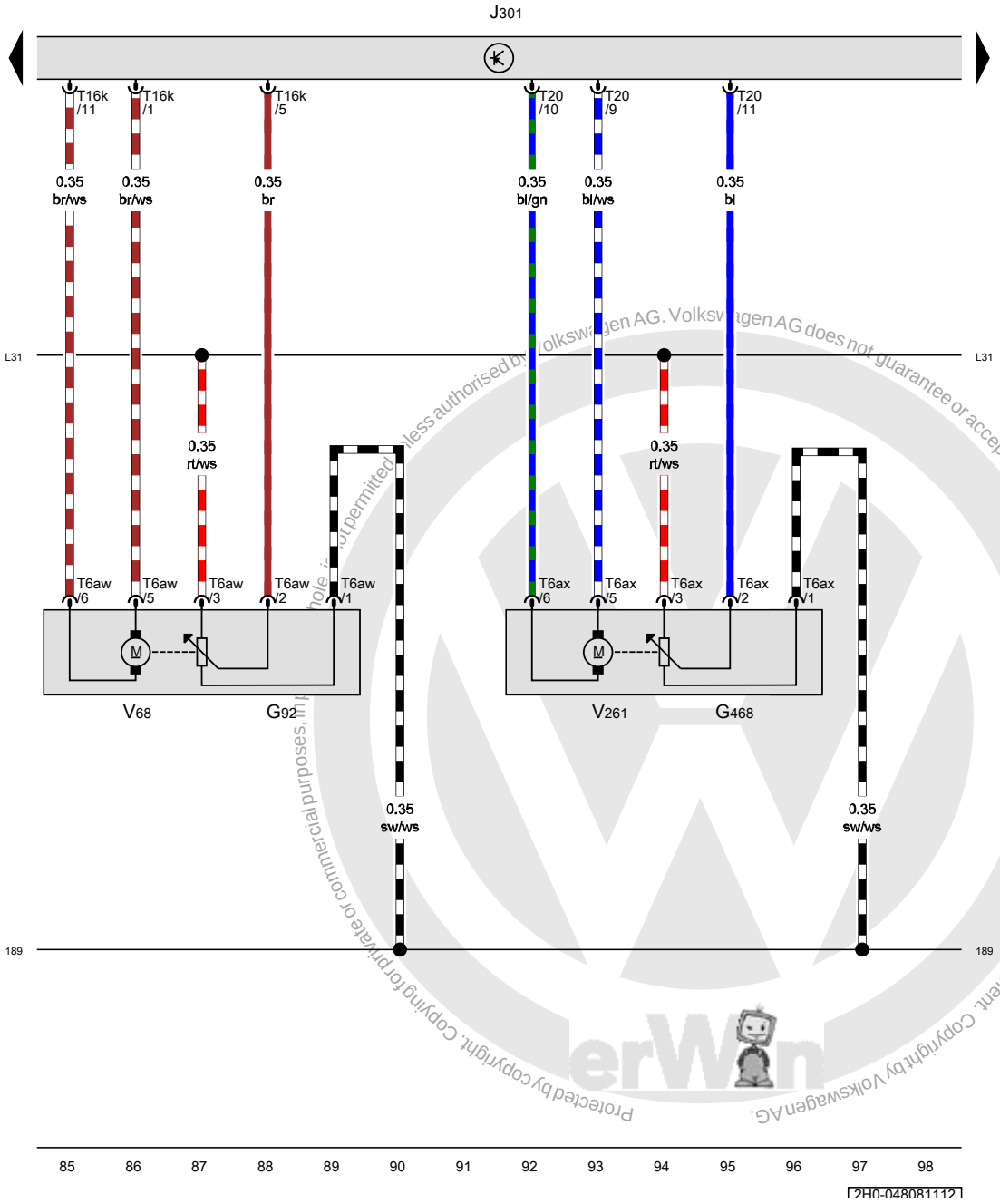

Potentiometer for temperature flap control motor, Potentiometer for footwell vent control motor, Air conditioning system control unit, Temperature flap control motor, Footwell flap control motor

G92	Potentiometer for temperature flap control motor
G468	Potentiometer for footwell vent control motor
J301	Air conditioning system control unit
T6aw	6-pin connector
T6ax	6-pin connector
T16k	16-pin connector, black
T20	20-pin connector, black
V68	Temperature flap control motor
V261	Footwell flap control motor
189	Earth connection 1, in heater wiring harness
L31	Connection (5V), in air conditioning system wiring harness

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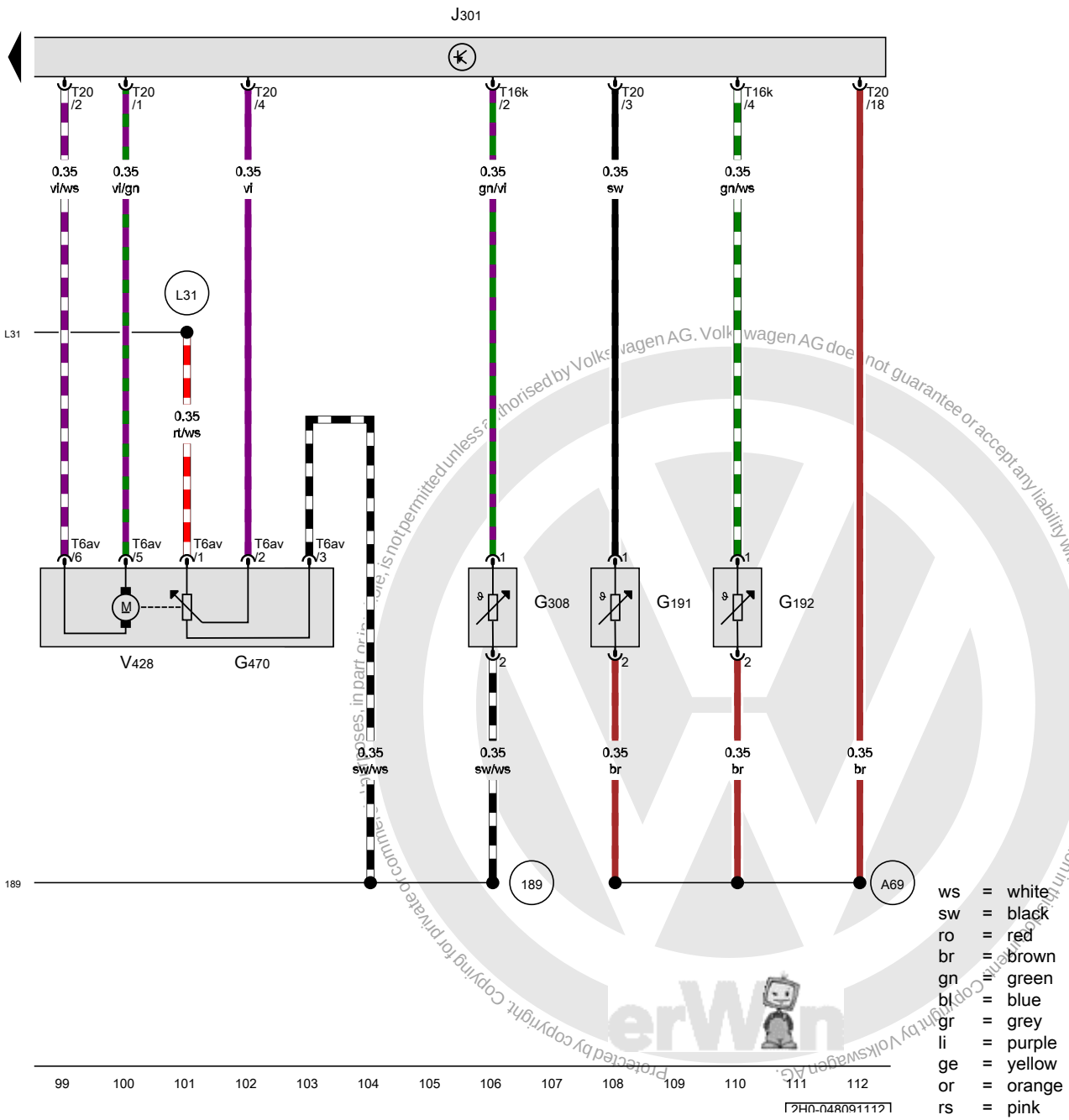

Centre vent temperature sender, Footwell vent temperature sender, Evaporator temperature sensor, Potentiometer for front air distribution control motor, Air conditioning system control unit, Air distribution flap control motor

G191	Centre vent temperature sender
G192	Footwell vent temperature sender
G308	Evaporator temperature sensor
G470	Potentiometer for front air distribution control motor
J301	Air conditioning system control unit
T6av	6-pin connector
T16k	16-pin connector, black
T20	20-pin connector, black
V428	Air distribution flap control motor
189	Earth connection 1, in heater wiring harness
A69	Connection (31, air conditioning system/blower control), in dash panel wiring harness
L31	Connection (5V), in air conditioning system wiring harness

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Climatronic

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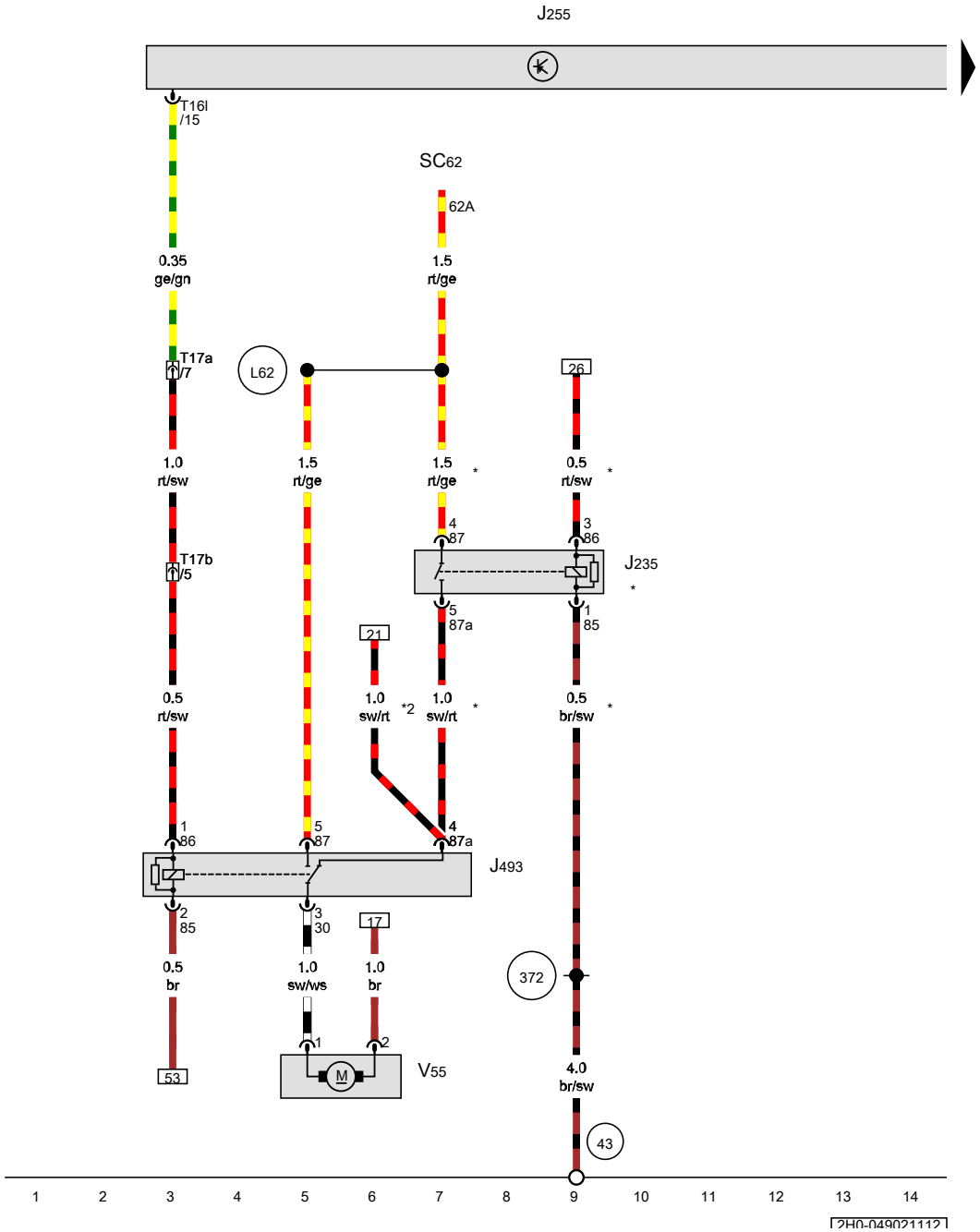

Climatronic control unit, Circulation pump

J235	Coolant pump relay
J255	Climatronic control unit, in centre of dash panel
J493	Auxiliary coolant heater relay
SC62	Fuse 62 on fuse holder C
T16l	16-pin connector, black
T17a	17-pin connector, behind glove compartment, black
T17b	17-pin connector, on relay carrier, brown
V55	Circulation pump
43	Earth point, lower part of right A-pillar
372	Earth connection 7, in main wiring harness
L62	Positive connection (30a), in auxiliary heater wiring harness
*	Only models with petrol engine
*2	Only models with diesel engine

ws	=	white
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br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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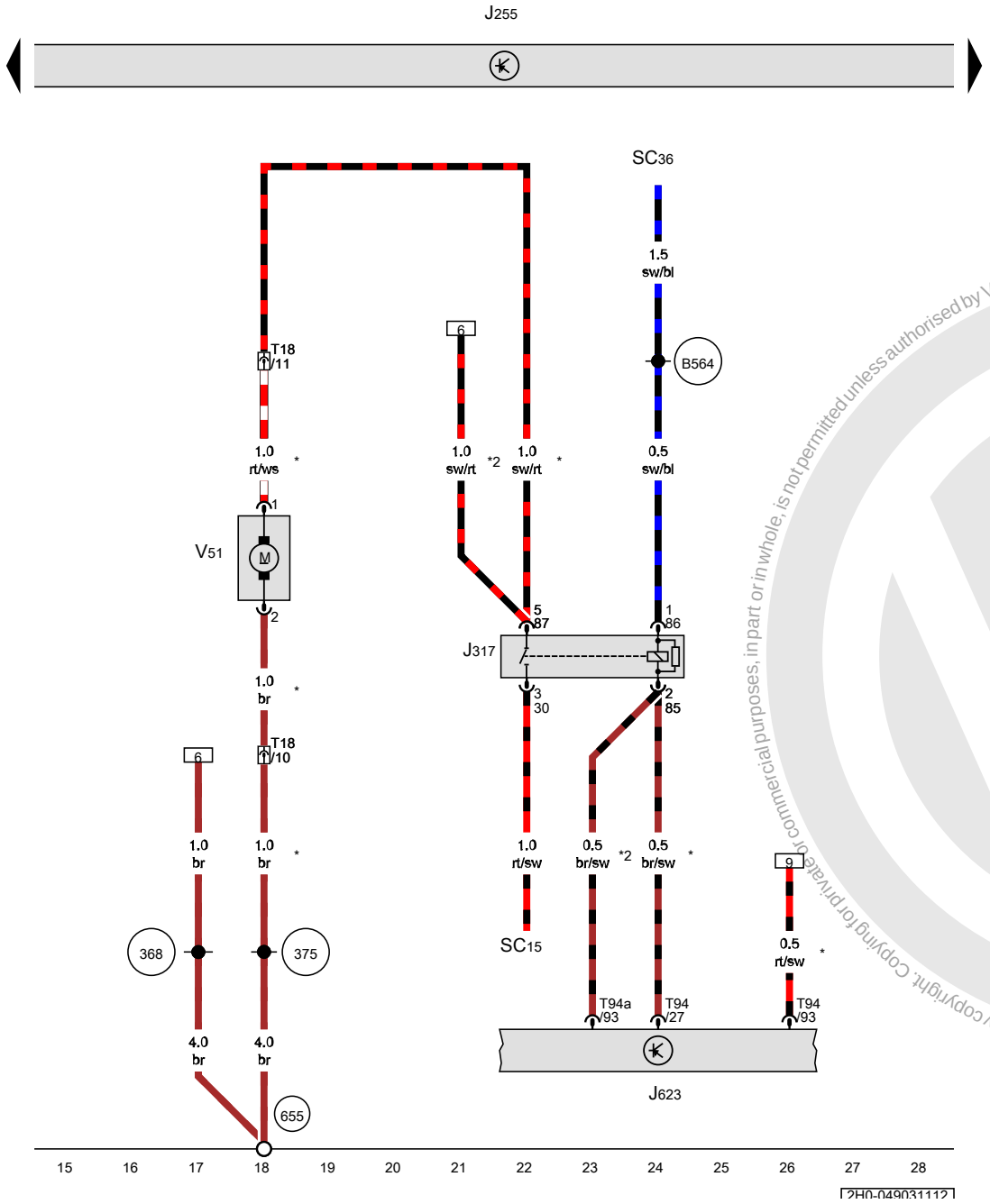
Climatronic control unit, Continued coolant circulation pump



J255	Climatronic control unit, in centre of dash panel
J317	Terminal 30 voltage supply relay
J623	Engine control unit
SC15	Fuse 15 on fuse holder C
SC36	Fuse 36 on fuse holder C
T18	18-pin connector, near engine control unit, black
T94	94-pin connector, black
T94a	94-pin connector, black
V51	Continued coolant circulation pump
368	Earth connection 3, in main wiring harness
375	Earth connection 10, in main wiring harness
655	Earth point, on left headlight
B564	Connection 31, in main wiring harness
*	Only models with petrol engine
*2	Only models with diesel engine

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
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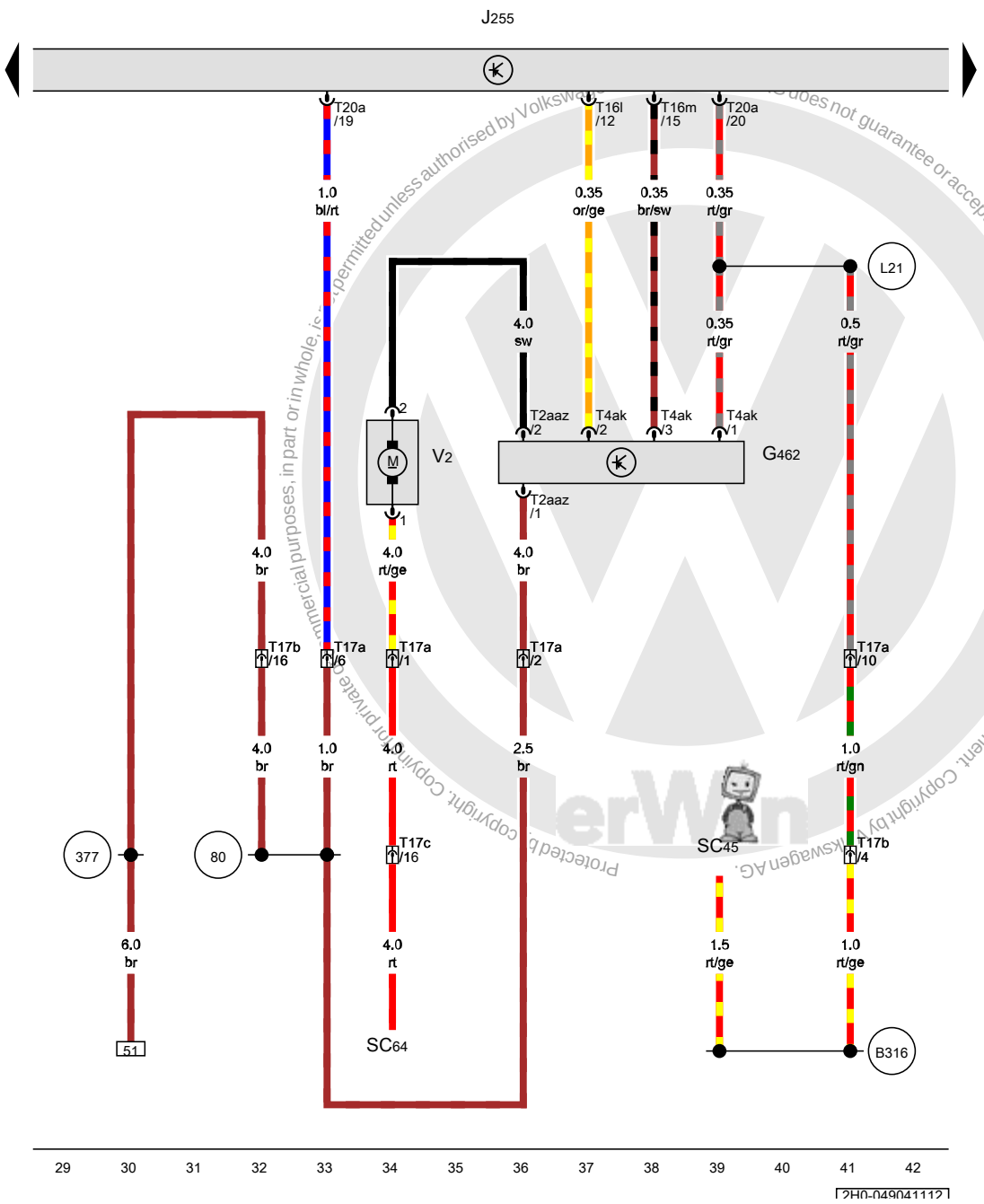

Sender for front Bitron blower regulation, Climatronic control unit, Fresh air blower

G462	Sender for front Bitron blower regulation
J255	Climatronic control unit, in centre of dash panel
SC45	Fuse 45 on fuse holder C
SC64	Fuse 64 on fuse holder C
T2aaz	2-pin connector
T4ak	4-pin connector
T16l	16-pin connector, black
T16m	16-pin connector, brown
T17a	17-pin connector, behind glove compartment, black
T17b	17-pin connector, on relay carrier, brown
T17c	17-pin connector, on left under dash panel, black
T20a	20-pin connector
V2	Fresh air blower
80	Earth connection 1, in dash panel wiring harness
377	Earth connection 12, in main wiring harness
B316	Positive connection 2 (30a) in main wiring harness
L21	Connection 1 (30), in Climatronic operating unit wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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or	=	orange
rs	=	pink

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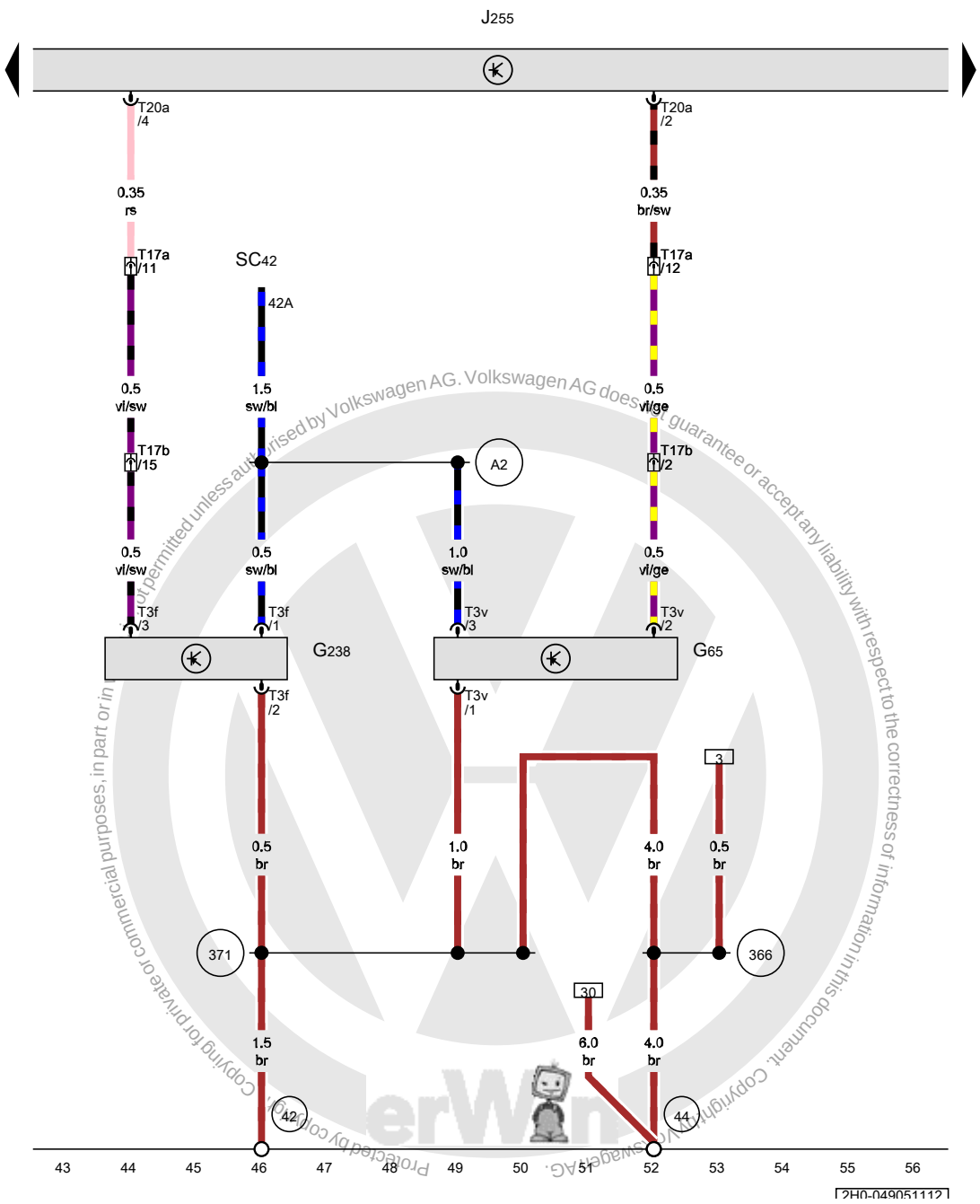

High-pressure sender, Air quality sensor, Climatronic control unit, Fuse 42 on fuse holder C

G65	High-pressure sender
G238	Air quality sensor, near window wiper motor
J255	Climatronic control unit, in centre of dash panel
SC42	Fuse 42 on fuse holder C
T3f	3-pin connector
T3v	3-pin connector
T17a	17-pin connector, behind glove compartment, black
T17b	17-pin connector, on relay carrier, brown
T20a	20-pin connector
42	Earth point, next to steering column
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
371	Earth connection 6, in main wiring harness
A2	Positive connection (15), in dash panel wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
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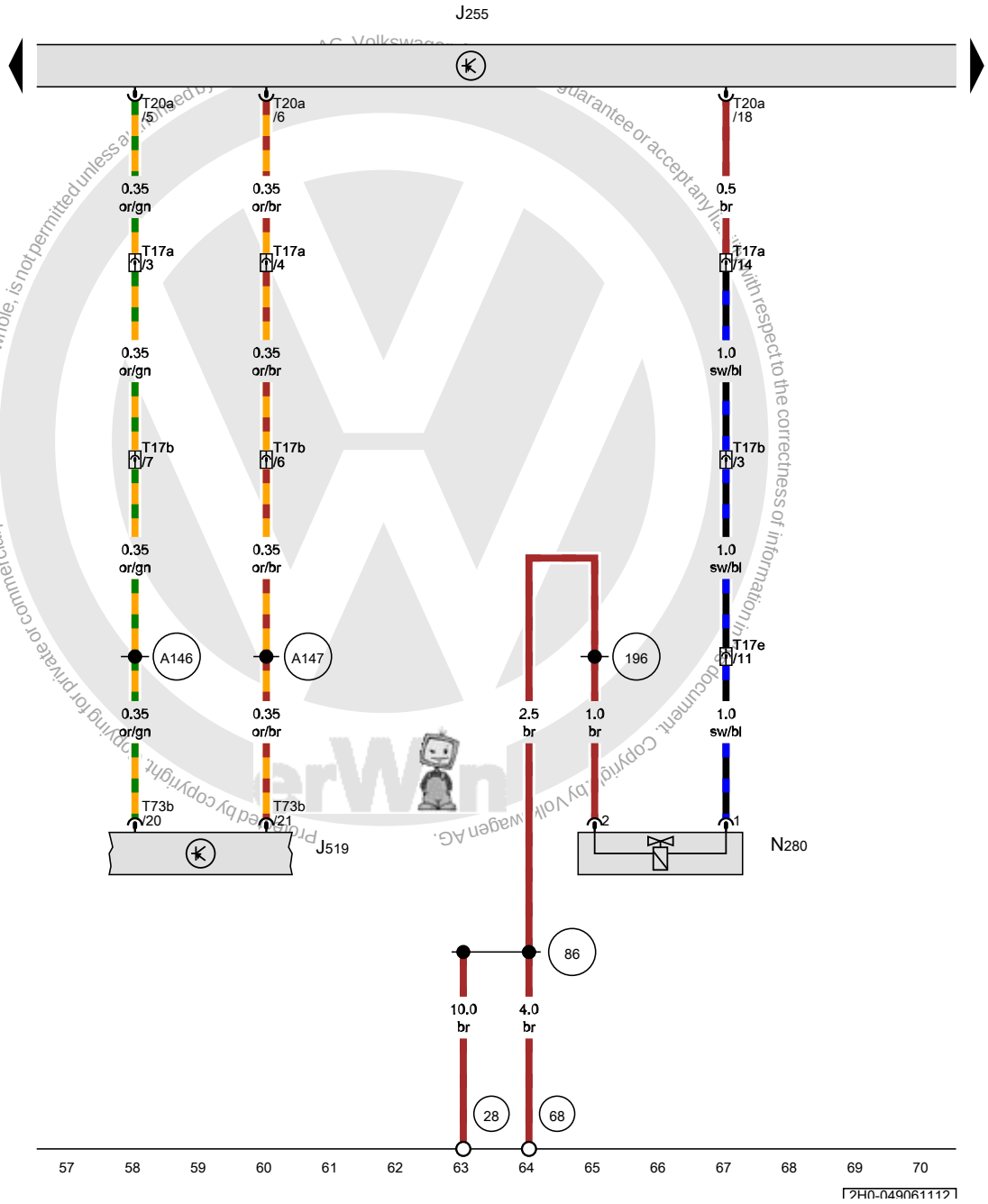

Climatronic control unit, Onboard supply control unit, Air conditioner compressor regulating valve

J255	Climatronic control unit, in centre of dash panel
J519	Onboard supply control unit
N280	Air conditioner compressor regulating valve
T17a	17-pin connector, behind glove compartment, black
T17b	17-pin connector, on relay carrier, brown
T17e	17-pin connector, near handbrake lever, red
T20a	20-pin connector
T73b	73-pin connector, colourless
28	Earth point, on bulkhead
68	Earth point, on left of rear cross member
86	Earth connection 1, in rear wiring harness
196	Earth connection 3, in rear wiring harness
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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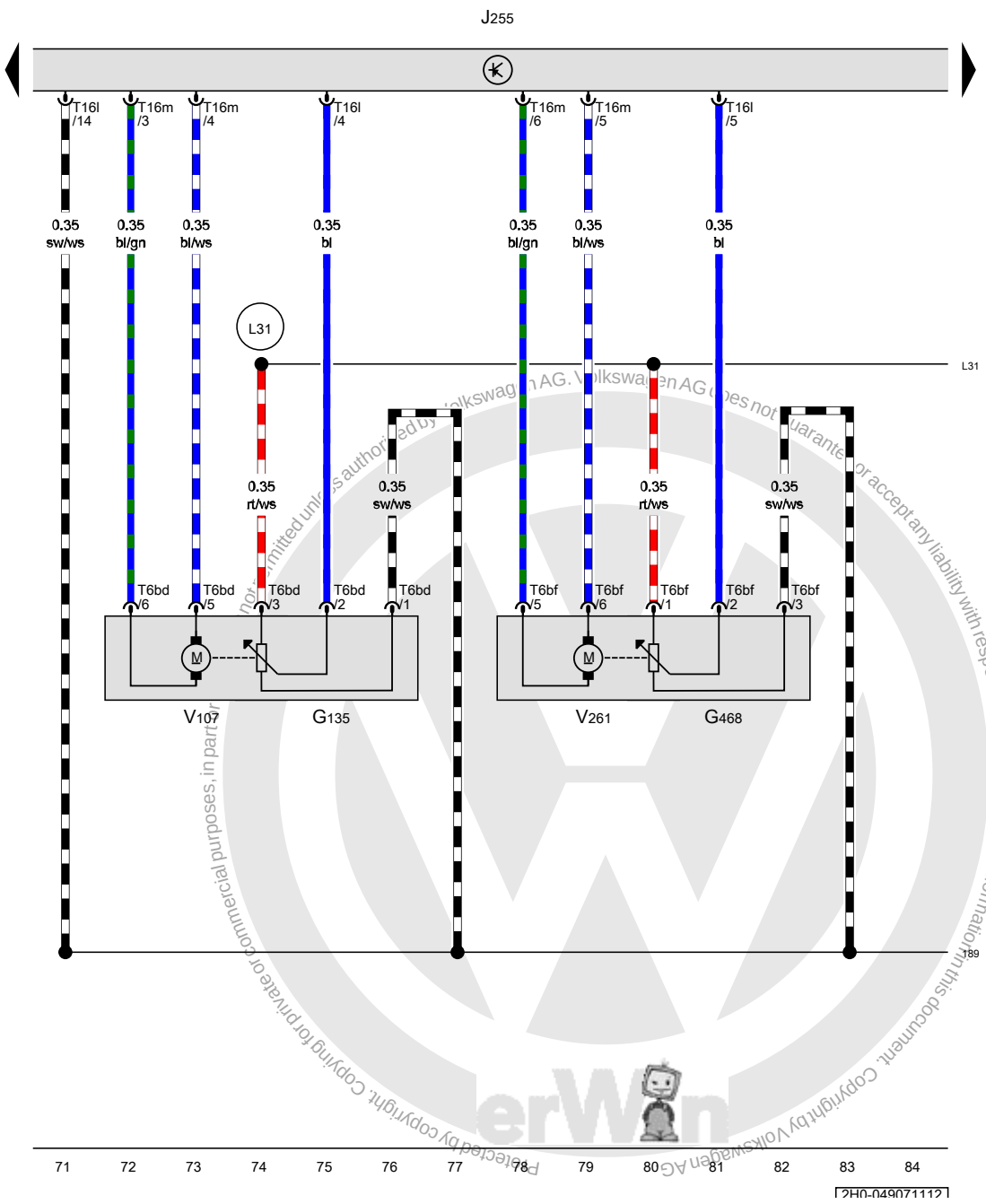

Potentiometer for defroster flap control motor, Potentiometer for footwell vent control motor, Climatronic control unit, Defroster flap control motor, Footwell flap control motor

G135	Potentiometer for defroster flap control motor
G468	Potentiometer for footwell vent control motor
J255	Climatronic control unit, in centre of dash panel
T6bd	6-pin connector, black
T6bf	6-pin connector
T16l	16-pin connector, black
T16m	16-pin connector, brown
V107	Defroster flap control motor
V261	Footwell flap control motor
189	Earth connection 1, in heater wiring harness
L31	Connection (5V), in air conditioning system wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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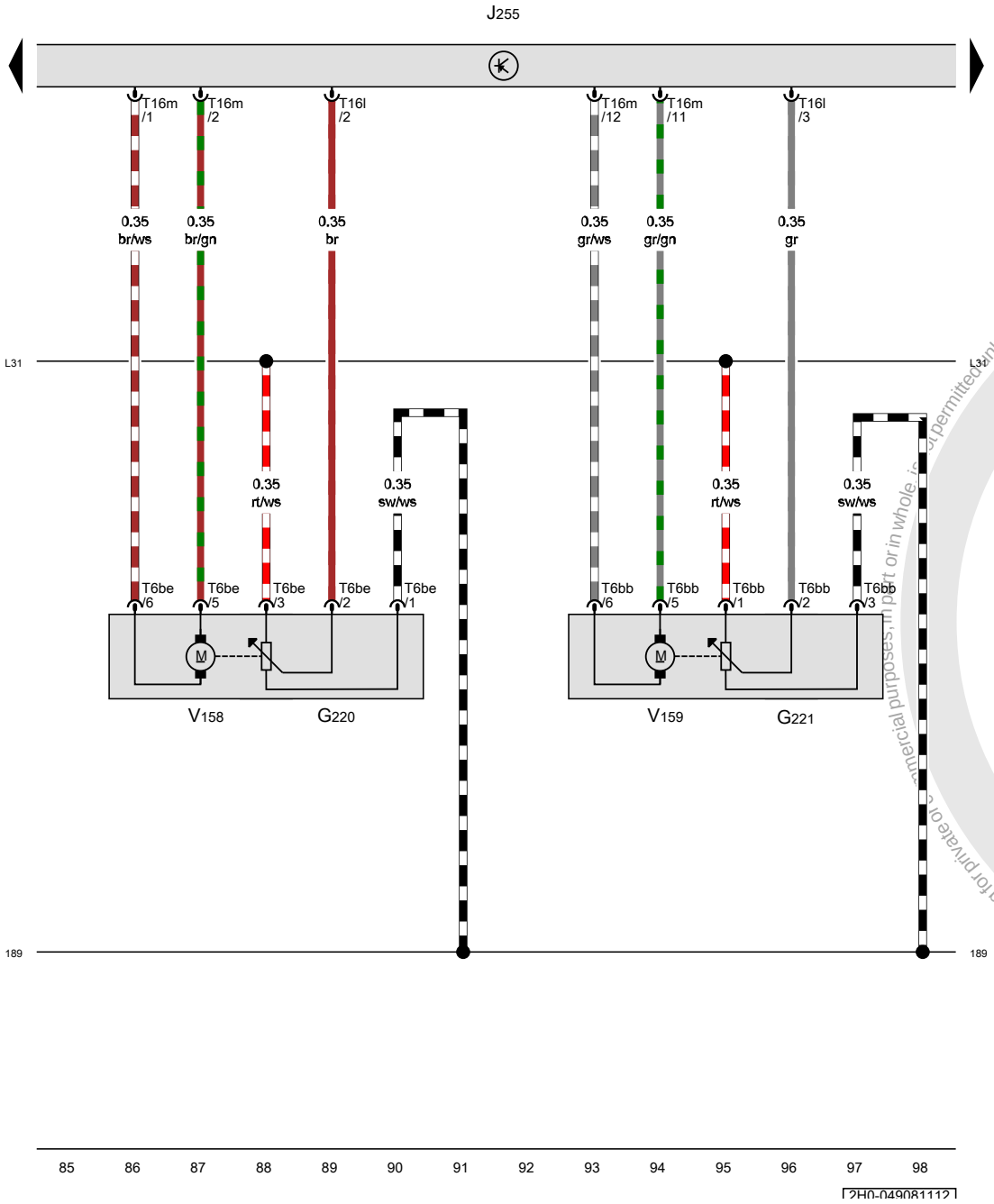

Potentiometer for left temperature flap control motor, Potentiometer for right temperature flap control motor, Climatronic control unit, Left temperature flap control motor, Right temperature flap control motor

G220	Potentiometer for left temperature flap control motor
G221	Potentiometer for right temperature flap control motor
J255	Climatronic control unit, in centre of dash panel
T6bb	6-pin connector
T6be	6-pin connector
T16l	16-pin connector, black
T16m	16-pin connector, brown
V158	Left temperature flap control motor
V159	Right temperature flap control motor
189	Earth connection 1, in heater wiring harness
L31	Connection (5V), in air conditioning system wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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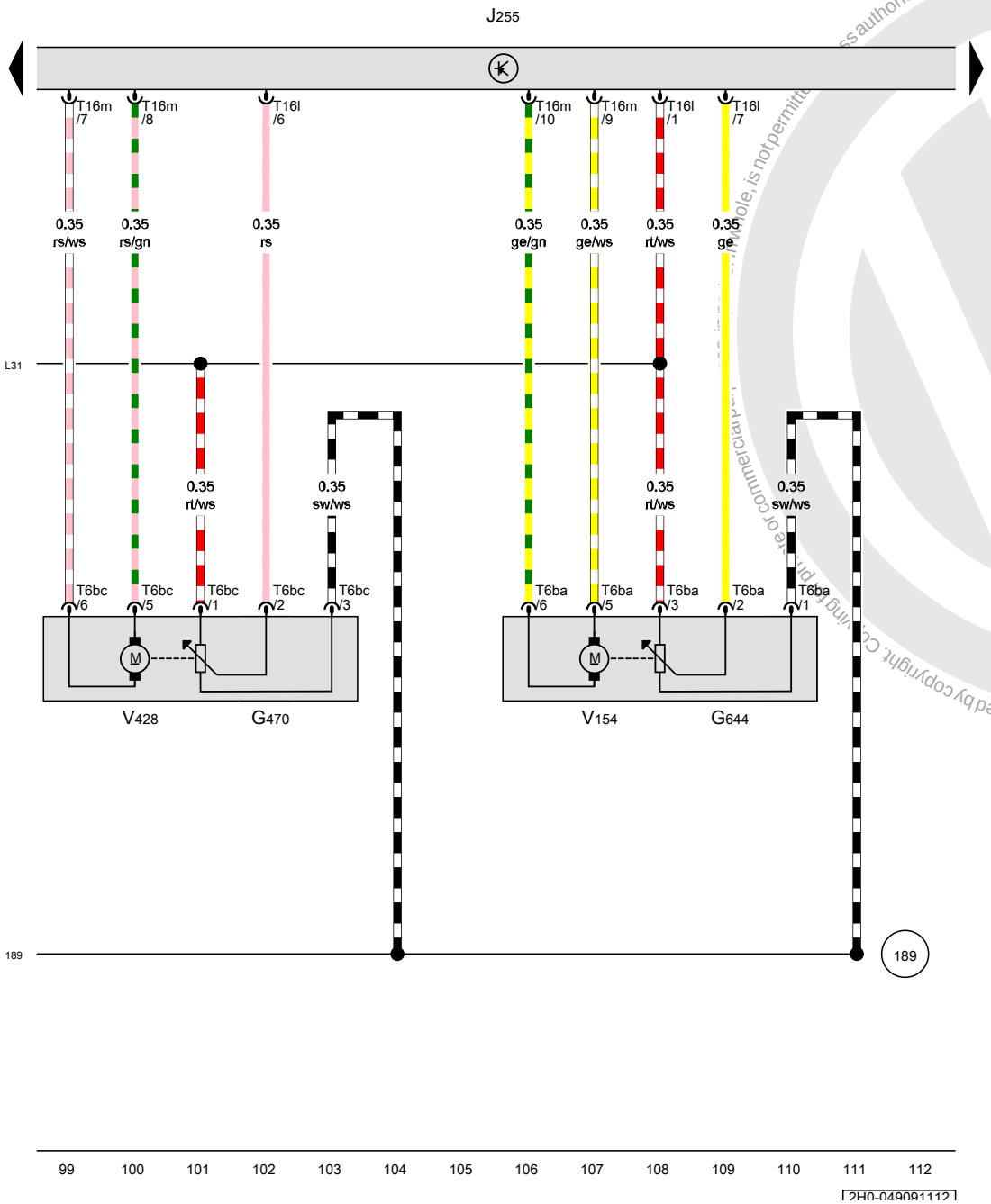

Potentiometer for front air distribution control motor, Potentiometer for fresh air/recirculated air, air flow flap control motor, Climatronic control unit, Fresh air and air recirculation flap control motor, Air distribution flap control motor

G470	Potentiometer for front air distribution control motor
G644	Potentiometer for fresh air/recirculated air, air flow flap control motor
J255	Climatronic control unit, in centre of dash panel
T6ba	6-pin connector
T6bc	6-pin connector
T16l	16-pin connector, black
T16m	16-pin connector, brown
V154	Fresh air and air recirculation flap control motor
V428	Air distribution flap control motor
189	Earth connection 1, in heater wiring harness
L31	Connection (5V), in air conditioning system wiring harness

ws	=	white
sw	=	black
ro	=	red
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bl	=	blue
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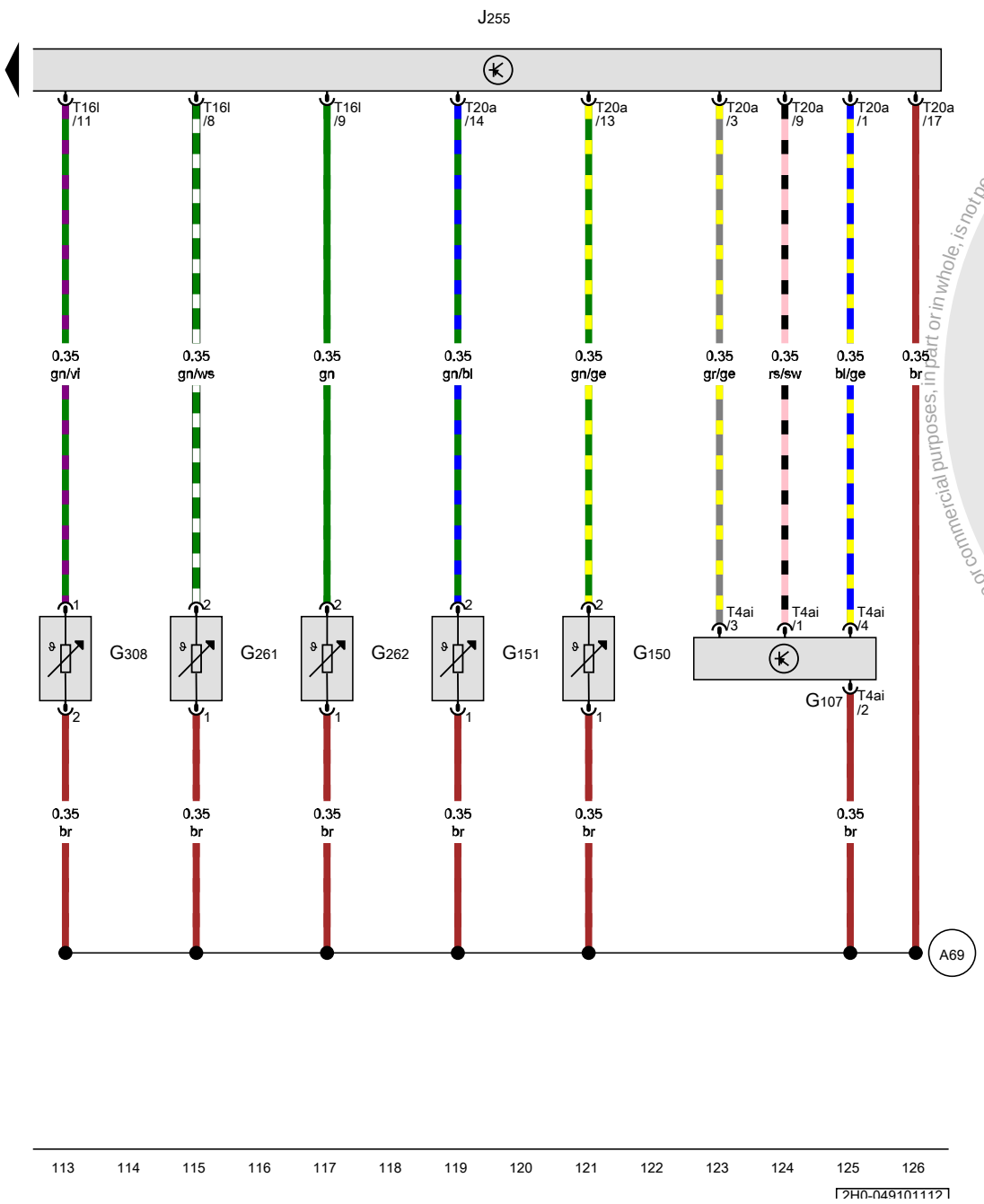

Sunlight penetration photosensor, Left vent temperature sender, Right vent temperature sender, Left footwell vent temperature sender, Right footwell vent temperature sender, Evaporator temperature sensor, Climatronic control unit

G107	Sunlight penetration photosensor
G150	Left vent temperature sender
G151	Right vent temperature sender
G261	Left footwell vent temperature sender
G262	Right footwell vent temperature sender
G308	Evaporator temperature sensor
J255	Climatronic control unit, in centre of dash panel
T4ai	4-pin connector, black
T16l	16-pin connector, black
T20a	20-pin connector
A69	Connection (31, air conditioning system/blower control), in dash panel wiring harness

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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Basic equipment

From June 2012

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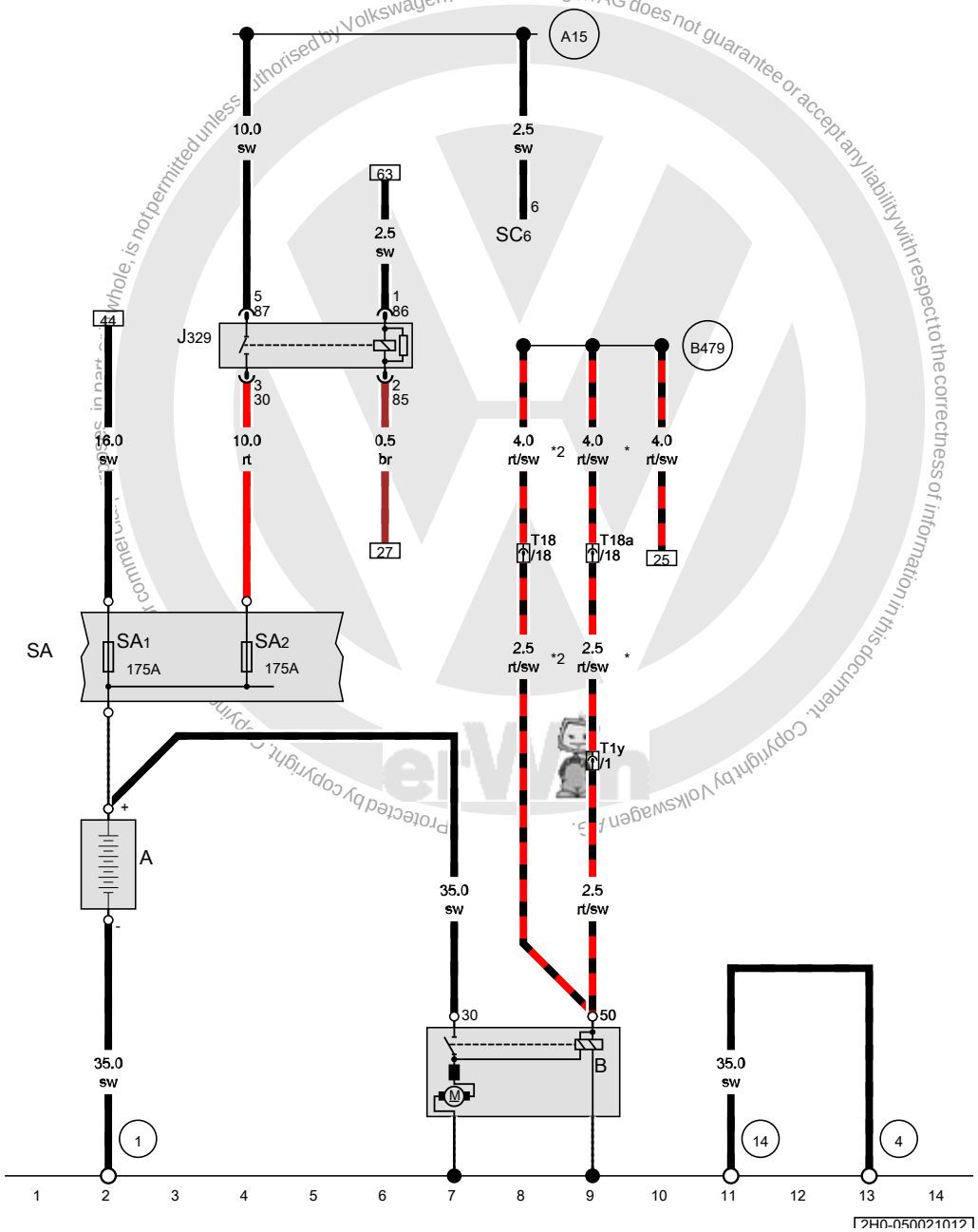

Battery, Starter, Terminal 15 voltage supply relay, Fuse holder A

A	Battery
B	Starter
J329	Terminal 15 voltage supply relay
SA	Fuse holder A
SA1	Fuse 1 in fuse holder A
SA2	Fuse 2 in fuse holder A
SC6	Fuse 6 on fuse holder C
T1y	Single connector, black
T18	18-pin connector, near engine control unit, black
T18a	18-pin connector, near engine control unit, grey
1	Earth strap, battery - body
4	Earth strap, battery - body - gearbox
14	Earth point, on gearbox
A15	Positive connection (15), in instrument wiring harness
B479	Connection 15, in main wiring harness
*	Only models with diesel engine
*2	Only models with petrol engine

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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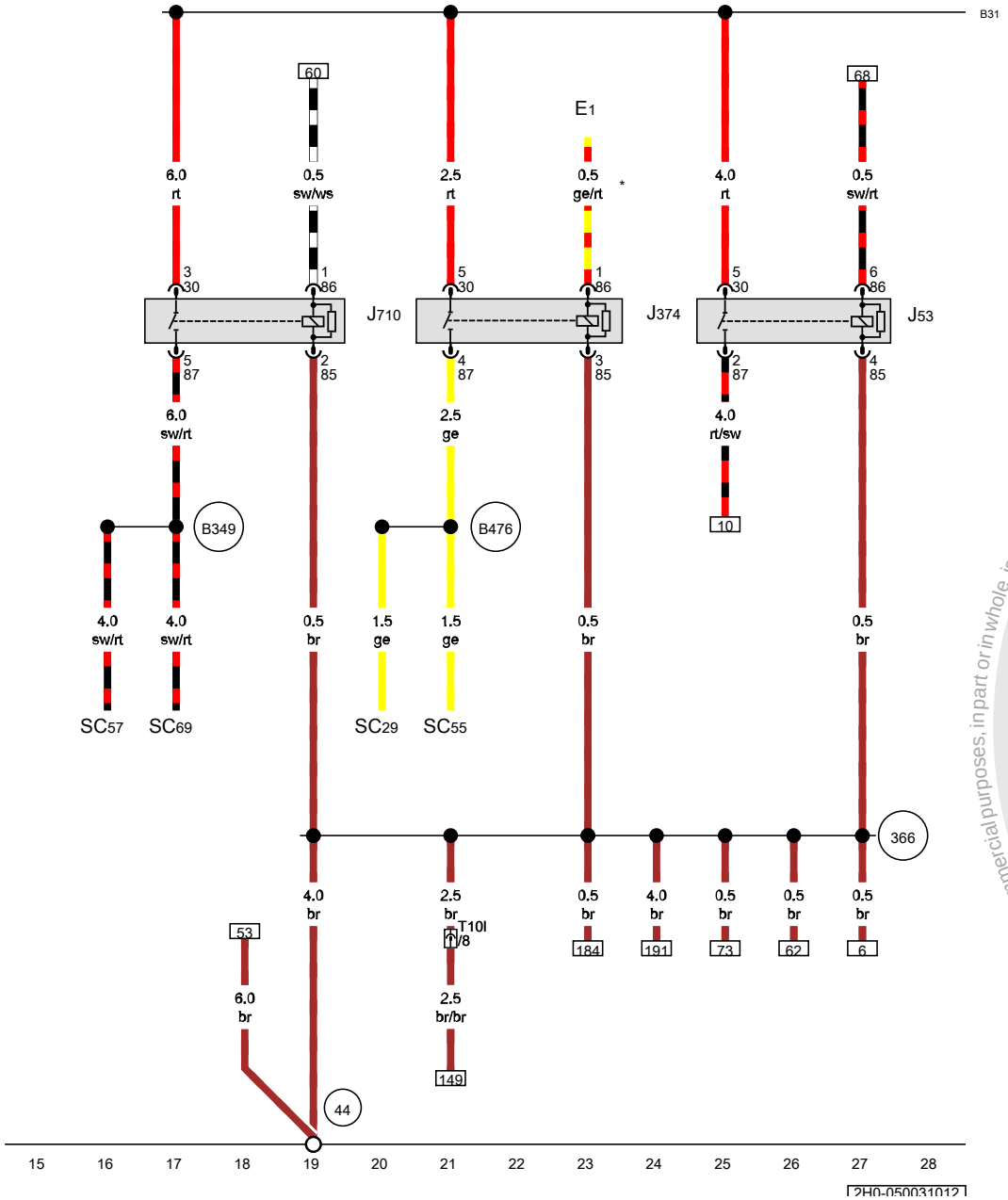
Starter motor relay, Terminal 58b relief relay, Voltage supply relay 2



E1	Light switch
J53	Starter motor relay
J374	Terminal 58b relief relay
J710	Voltage supply relay 2
SC29	Fuse 29 on fuse holder C
SC55	Fuse 55 on fuse holder C
SC57	Fuse 57 on fuse holder C
SC69	Fuse 69 on fuse holder C
T10l	10-pin connector, on left under dash panel, blue
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B349	Connection 2 (75a), in main wiring harness
B476	Connection 12, in main wiring harness
*	see applicable current flow diagram

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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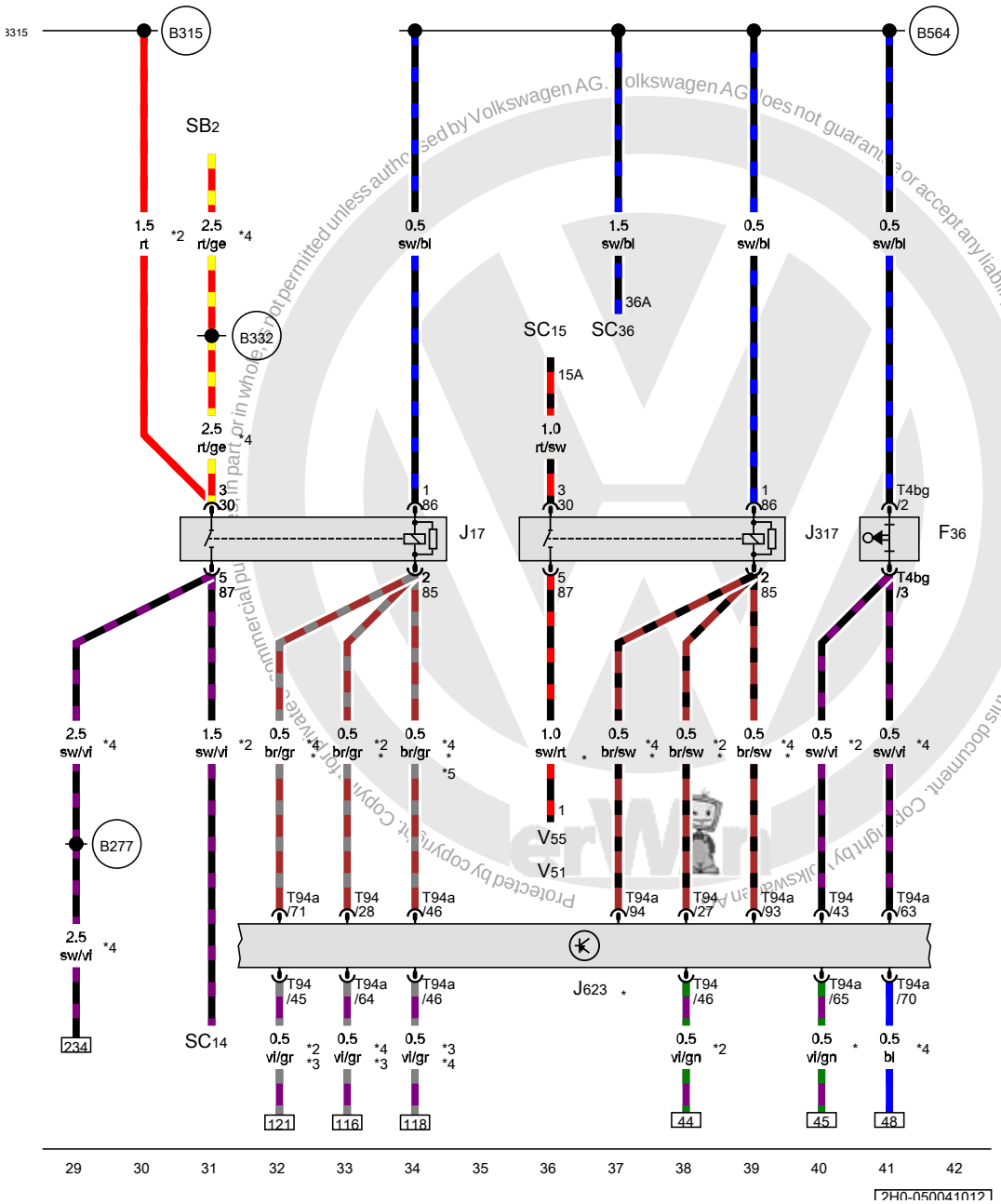

Clutch pedal switch, Fuel pump relay, Terminal 30 voltage supply relay, Engine control unit

F36	Clutch pedal switch
J17	Fuel pump relay
J317	Terminal 30 voltage supply relay
J623	Engine control unit
SB2	Fuse 2 on fuse holder B
SC14	Fuse 14 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC36	Fuse 36 on fuse holder C
T4bg	4-pin connector, black
T94	94-pin connector, black
T94a	94-pin connector, black
V51	Continued coolant circulation pump
V55	Circulation pump
B277	Positive connection 1 (15a) in main wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B332	Positive connection 18 (30a) in main wiring harness
B564	Connection 31, in main wiring harness
*	see applicable current flow diagram for engine
*2	Only models with petrol engine
*3	Only models with cruise control system (CCS)
*4	Only models with diesel engine
*5	Slot assignment, with no cruise control system (CCS)

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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or	=	orange
rs	=	pink

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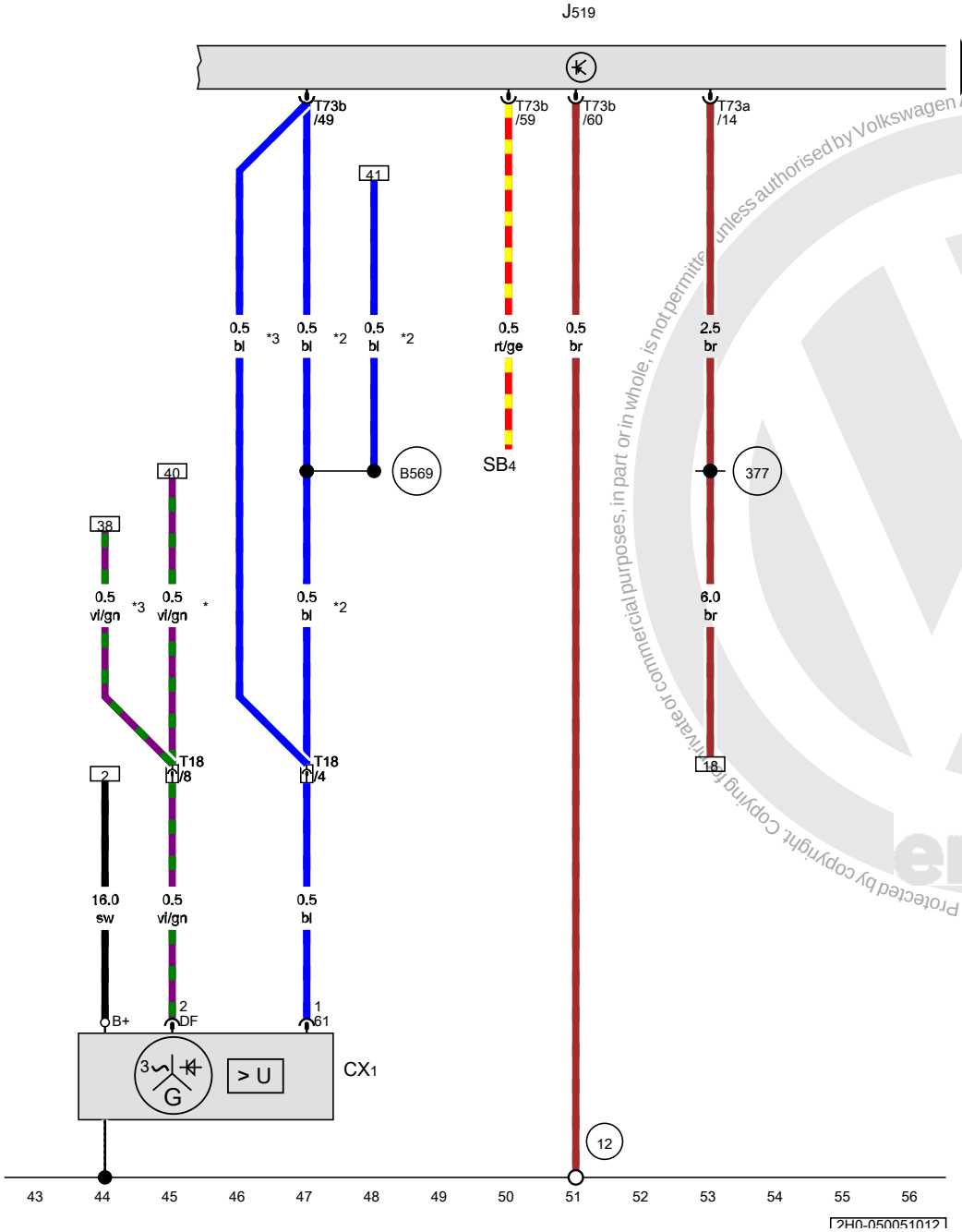
Alternator with voltage regulator, Fuse 4 on fuse holder B



CX1	Alternator with voltage regulator
J519	Onboard supply control unit
SB4	Fuse 4 on fuse holder B
T18	18-pin connector, near engine control unit, black
T73a	73-pin connector, black
T73b	73-pin connector, colourless
12	Earth point, on left in engine compartment
377	Earth connection 12, in main wiring harness
B569	Connection 36, in main wiring harness
*	see applicable current flow diagram for engine
*2	Only models with diesel engine
*3	Only models with petrol engine

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
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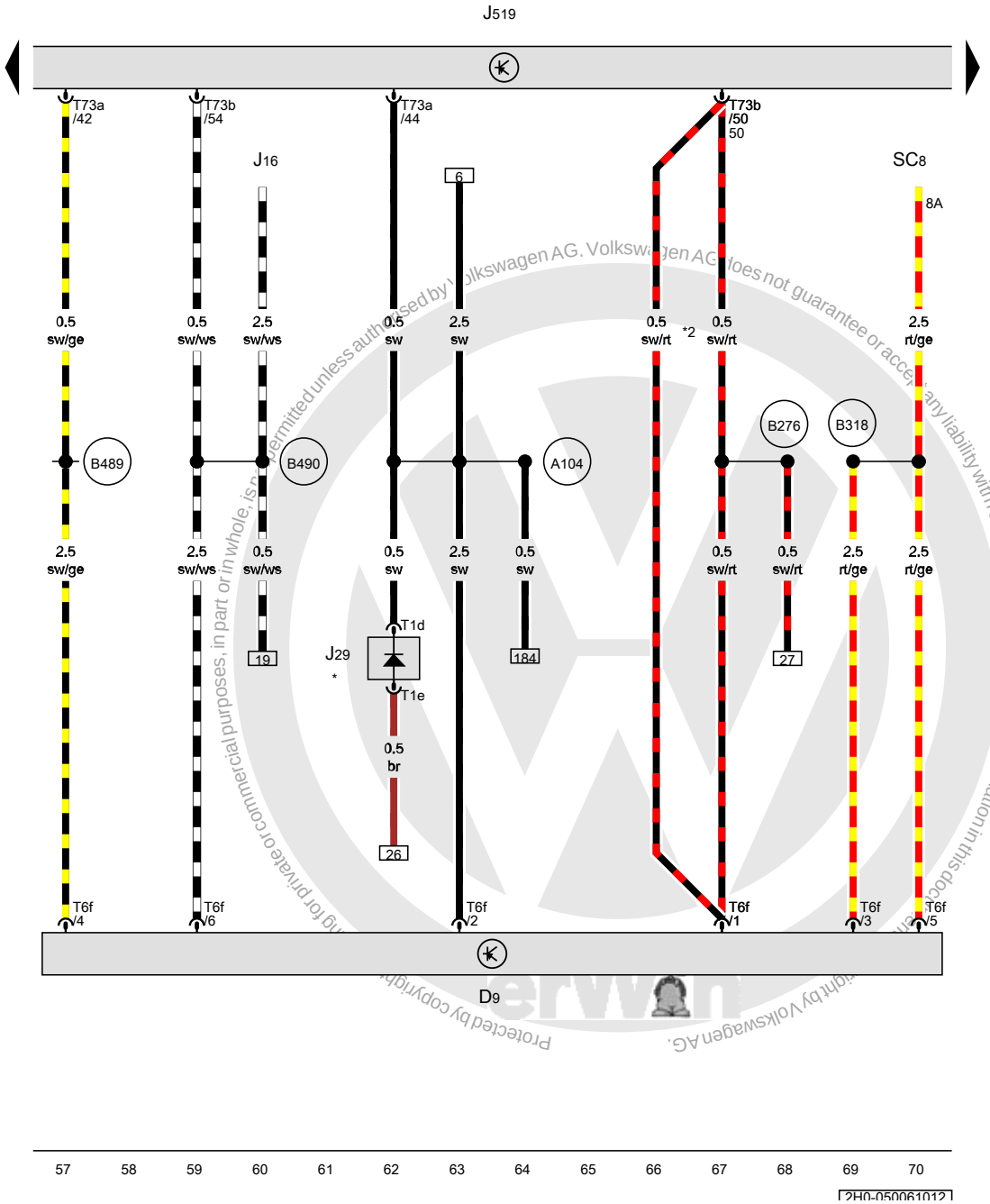

Electronic ignition lock

D9	Electronic ignition lock
J16	Current supply relay
J29	Blocking diode, near steering column
J519	Onboard supply control unit
SC8	Fuse 8 on fuse holder C
T1d	Single connector, red
T1e	Single connector, red
T6f	6-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, colourless
A104	Positive connection 2 (15), in dash panel wiring harness
B276	Positive connection (50), in main wiring harness
B318	Positive connection 4 (30a) in main wiring harness
B489	Connection 25, in main wiring harness
B490	Connection 26, in main wiring harness
*	Only models with cruise control system (CCS)
*2	Only models with automatic gearbox

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
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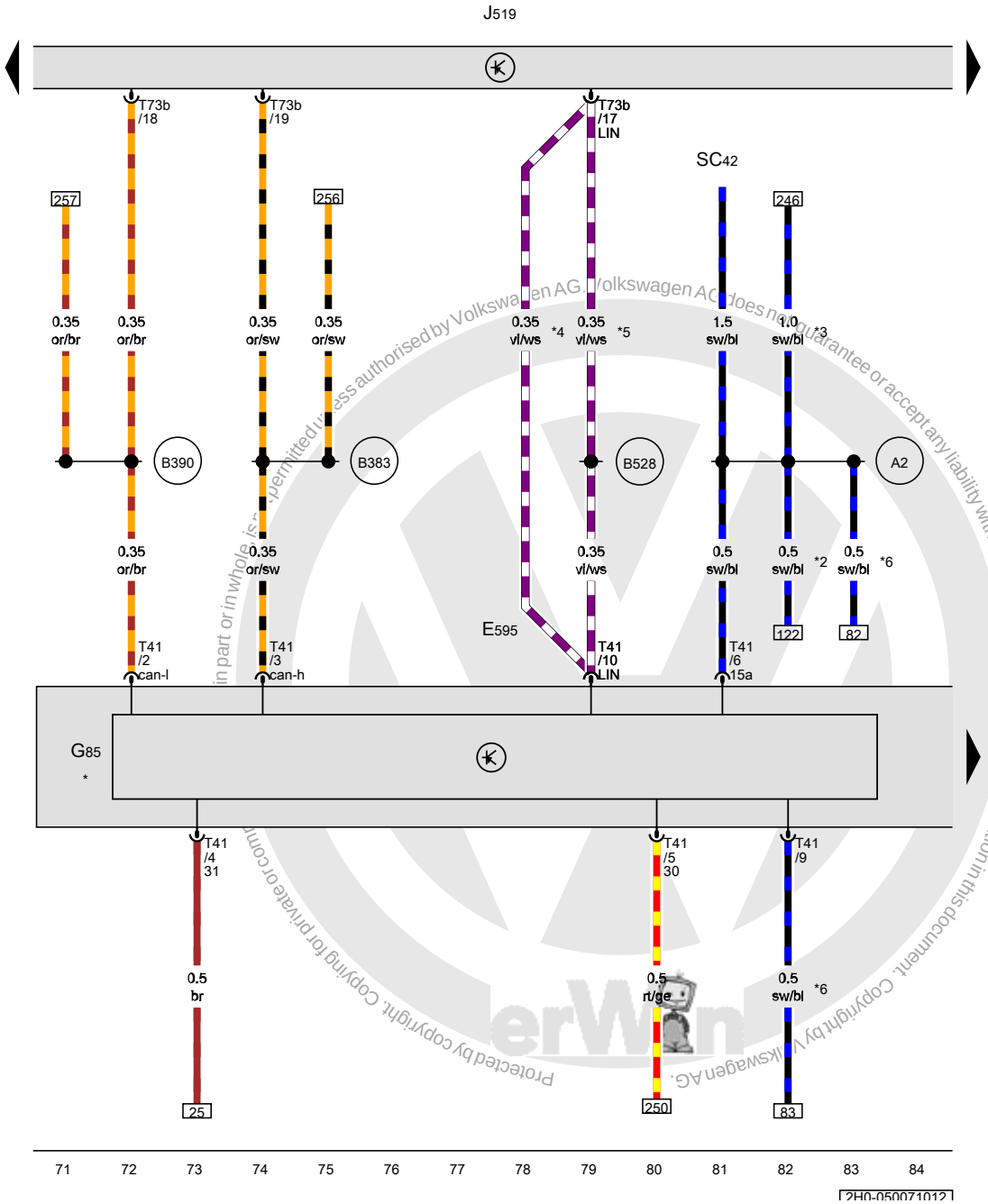

Steering column combination switch, Steering angle sender

E595	Steering column combination switch
G85	Steering angle sender
J519	Onboard supply control unit
SC42	Fuse 42 on fuse holder C
T41	41-pin connector, grey
T73b	73-pin connector, colourless
A2	Positive connection (15), in dash panel wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B528	Connection 1 (LIN bus) in main wiring harness
*	Only models with anti-lock brake system (ABS) and electronic stabilisation program (ESP)
*2	Only models with cruise control system (CCS)
*3	Only models with Euro 5 emission standard
*4	Only models with manual window regulators
*5	Only models with electric window regulators
*6	From November 2011

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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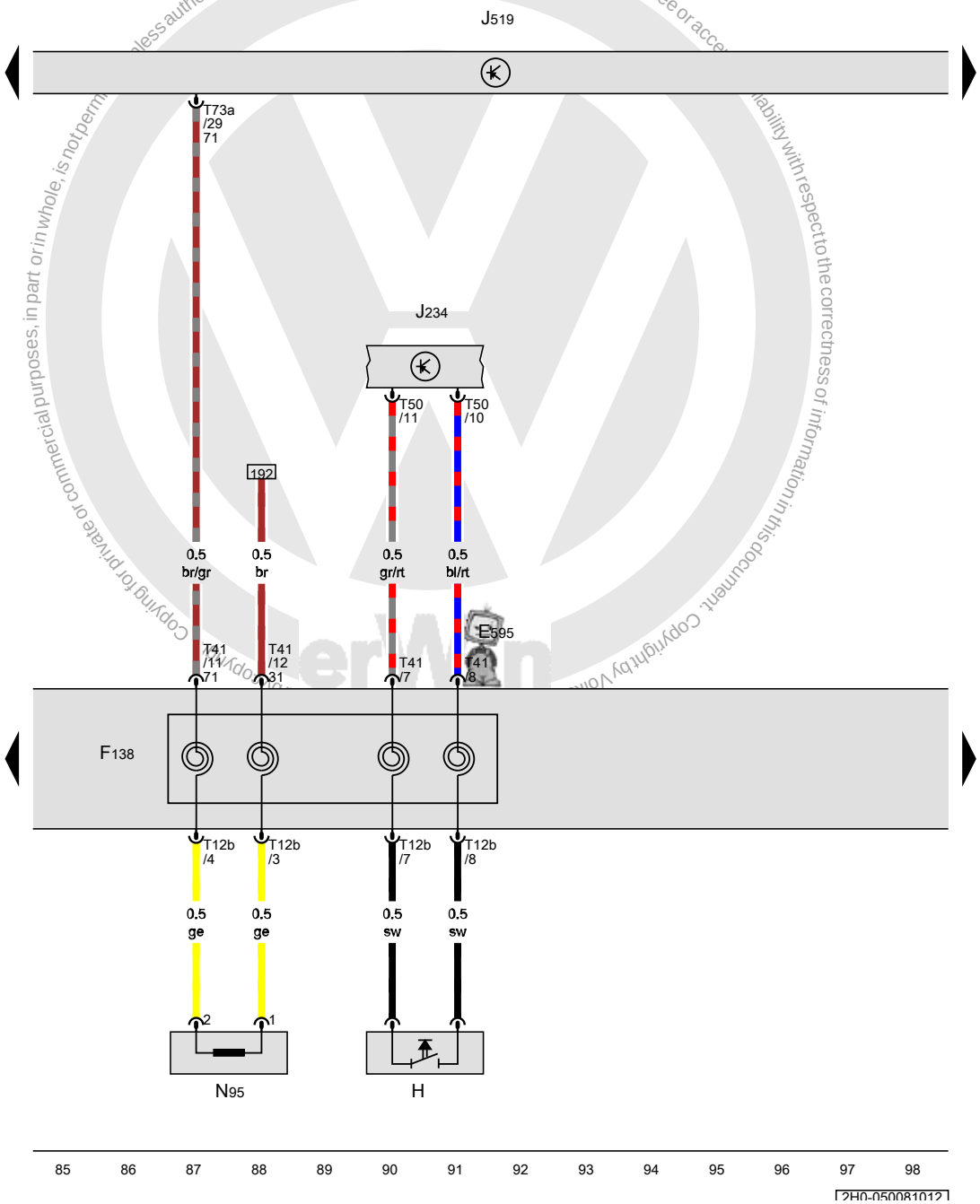

Steering column combination switch, Airbag coil connector and return ring with slip ring, Horn plate, Airbag control unit

E595	Steering column combination switch
F138	Airbag coil connector and return ring with slip ring, on steering wheel
H	Horn plate
J234	Airbag control unit
J519	Onboard supply control unit
N95	Driver side airbag igniter
T12b	12-pin connector, yellow
T41	41-pin connector, grey
T50	50-pin connector, yellow
T73a	73-pin connector, black

ws	=	white
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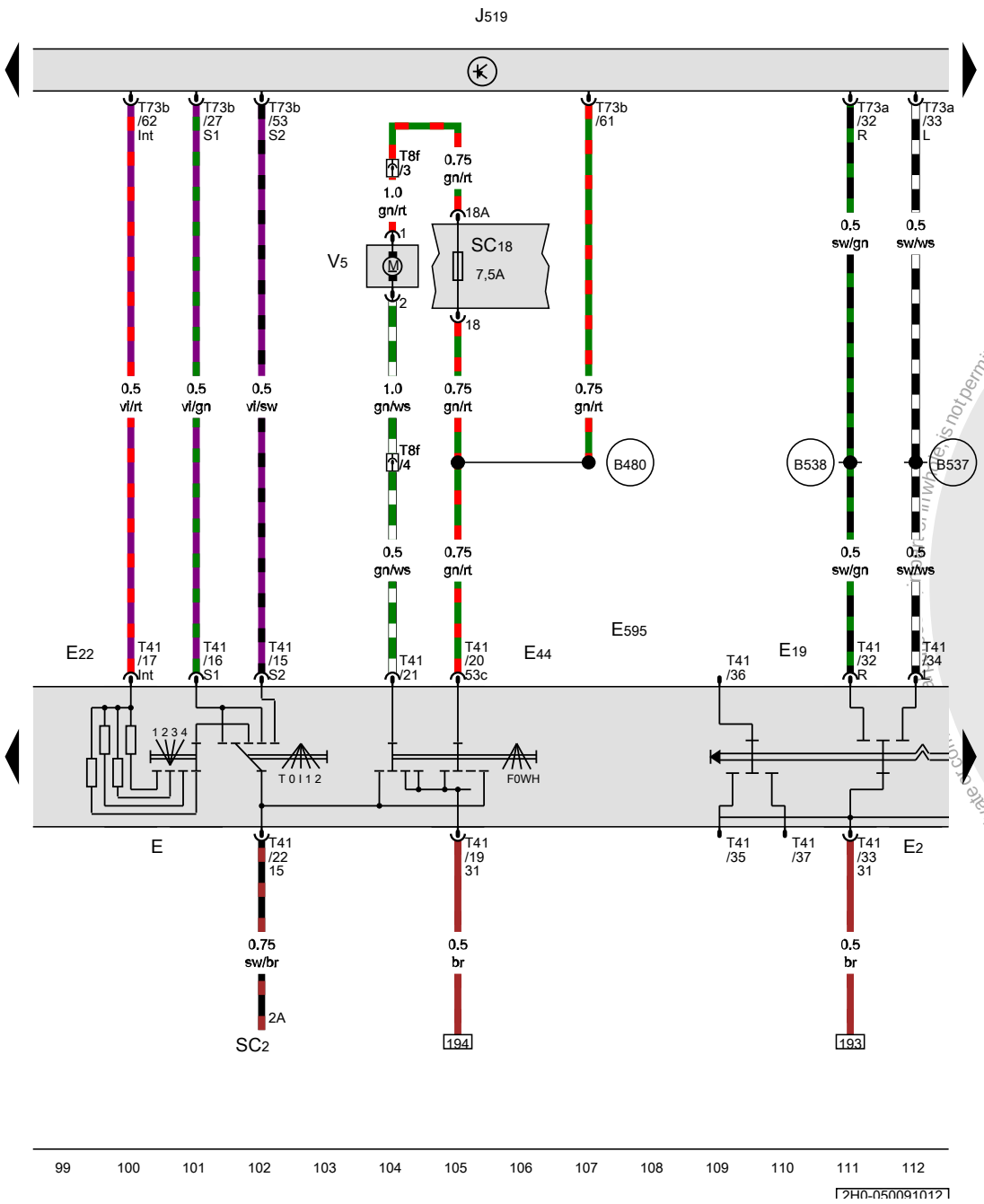

Turn signal switch, Intermittent wiper switch, Washer pump switch (automatic wash/wipe and headlight washer system), Steering column combination switch, Washer pump

E	Windscreen wiper switch
E2	Turn signal switch
E19	Parking light switch
E22	Intermittent wiper switch
E44	Washer pump switch (automatic wash/wipe and headlight washer system)
E595	Steering column combination switch
J519	Onboard supply control unit
SC2	Fuse 2 on fuse holder C
SC18	Fuse 18 on fuse holder C
T8f	8-pin connector, in rear left of engine compartment, black
T41	41-pin connector, grey
T73a	73-pin connector, black
T73b	73-pin connector, colourless
V5	Washer pump
B480	Connection 16, in main wiring harness
B537	Connection 28, in main wiring harness
B538	Connection 29, in main wiring harness

ws	=	white
sw	=	black
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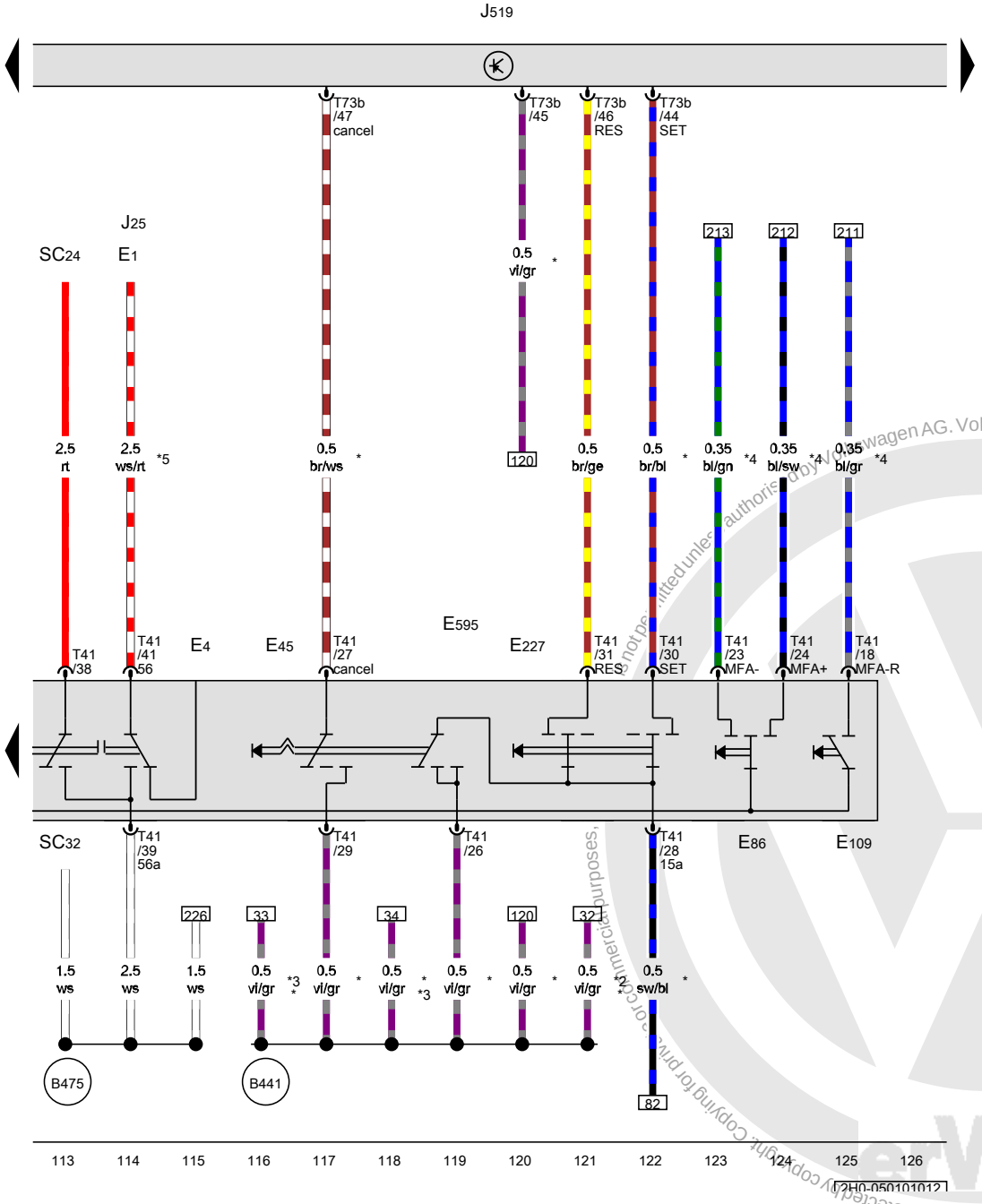

Light switch, Headlight dipper and flasher switch, Cruise control system switch, Multifunction display call-up button, Multifunction display memory switch, Steering column combination switch

E1	Light switch
E4	Headlight dipper and flasher switch
E45	Cruise control system switch
E86	Multifunction display call-up button
E109	Multifunction display memory switch
E227	Cruise control system (CCS) SET button
E595	Steering column combination switch
J25	Headlight relay
J519	Onboard supply control unit
SC24	Fuse 24 on fuse holder C
SC32	Fuse 32 on fuse holder C
T41	41-pin connector, grey
T73b	73-pin connector, colourless
B441	Connection (CCS), in main wiring harness
B475	Connection 11, in main wiring harness
*	Only models with cruise control system (CCS)
*2	Only models with petrol engine
*3	Only models with diesel engine
*4	Only models with multifunction display
*5	see applicable current flow diagram for exterior lighting

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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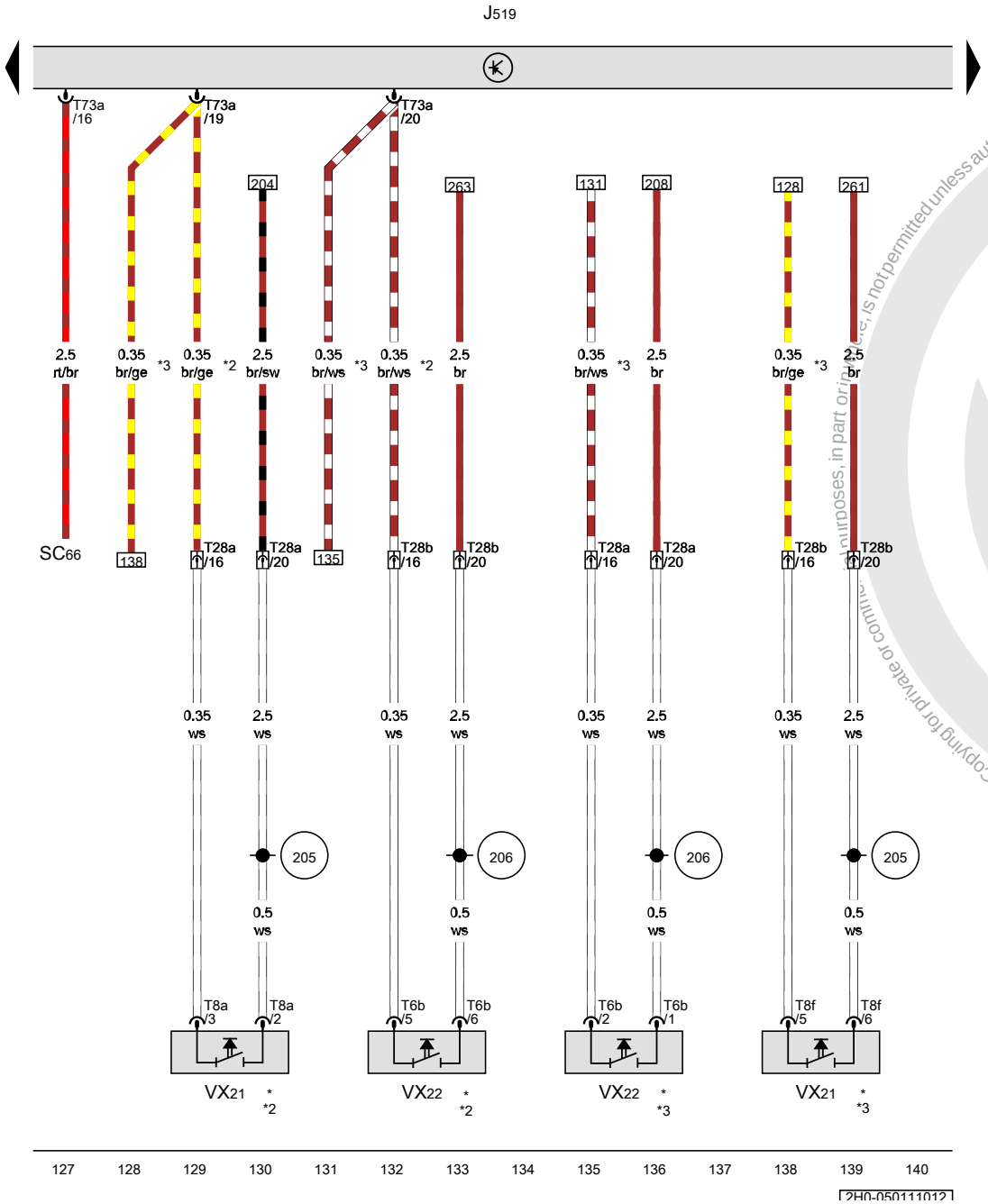

Driver door lock unit, Front passenger door lock unit

J519	Onboard supply control unit
SC66	Fuse 66 on fuse holder C
T6b	6-pin connector, black
T8a	8-pin connector, black
T8f	8-pin connector, black
T28a	28-pin connector, on left A-pillar, grey
T28b	28-pin connector, on right A-pillar, grey
T73a	73-pin connector, black
VX21	Driver door lock unit
VX22	Front passenger door lock unit
(205)	Earth connection, in driver door wiring harness
(206)	Earth connection, in front passenger door wiring harness
*	Only models with no central locking
*2	Only left-hand drive models
*3	Only right-hand drive models

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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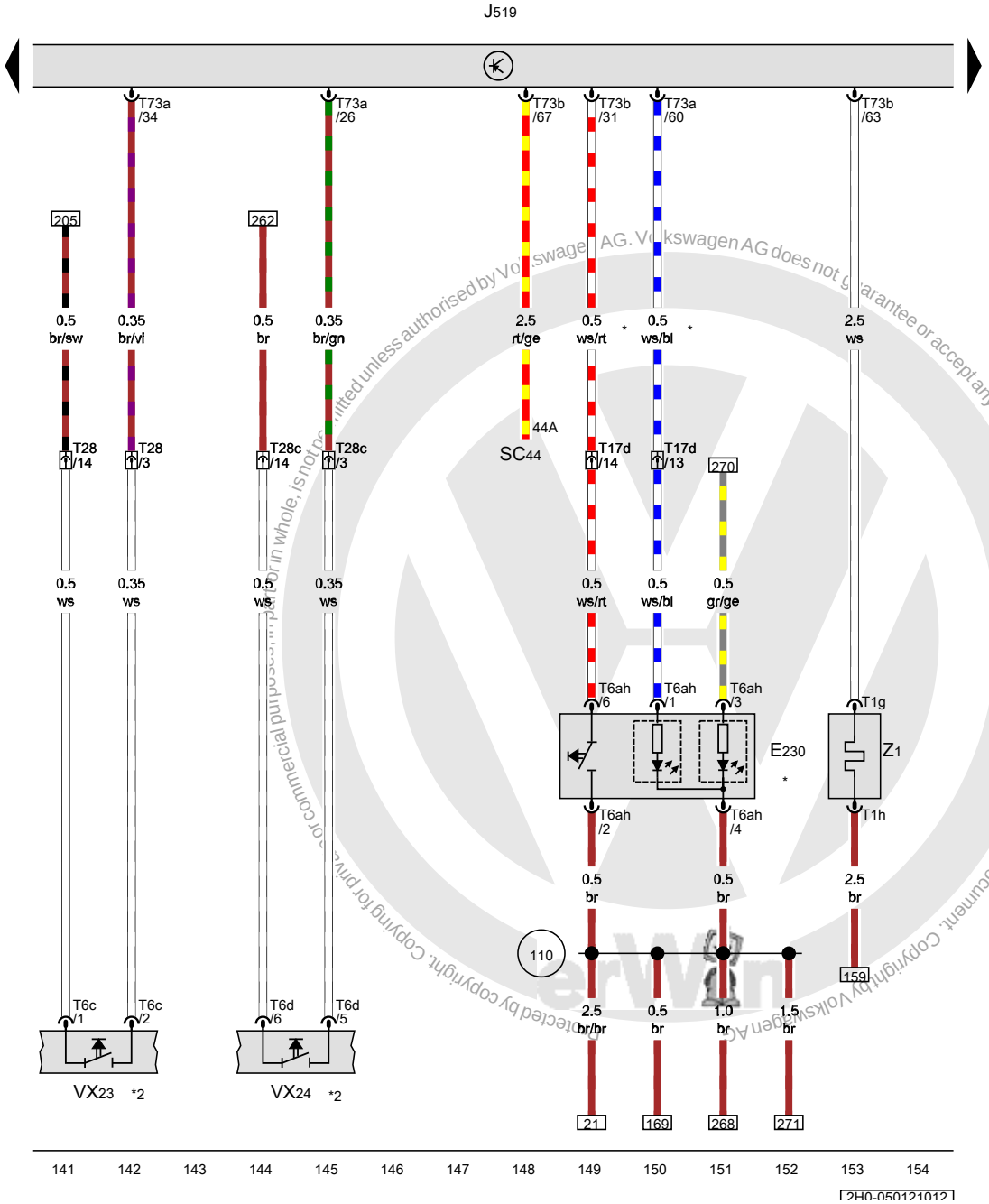

Heated rear window button, Rear left door lock unit, Rear right door lock unit, Heated rear window

E230	Heated rear window button, near radio
J519	Onboard supply control unit
SC44	Fuse 44 on fuse holder C
T1g	Single connector, black
T1h	Single connector, black
T6ah	6-pin connector, brown
T6c	6-pin connector, black
T6d	6-pin connector, grey
T17d	17-pin connector, on left under dash panel, red
T28	28-pin connector, on left B-pillar, grey
T28c	28-pin connector, on right B-pillar, grey
T73a	73-pin connector, black
T73b	73-pin connector, colourless
VX23	Rear left door lock unit
VX24	Rear right door lock unit
Z1	Heated rear window
(110)	Earth connection 2, in dash panel wiring harness
*	Only models with no air conditioning system/Climatronic
*2	Only models with no central locking

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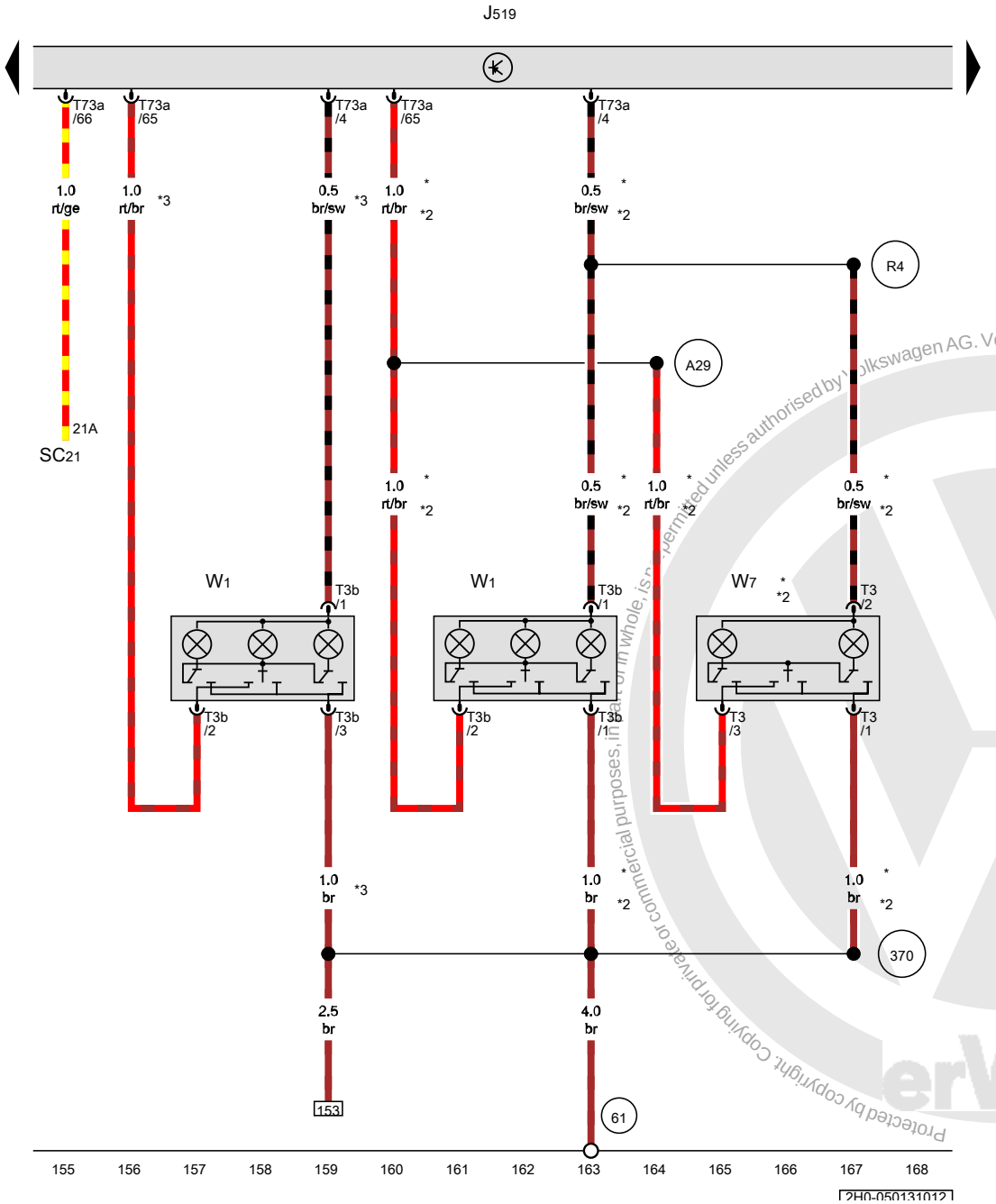

Front interior light, Centre interior light

J519	Onboard supply control unit
SC21	Fuse 21 on fuse holder C
T3	3-pin connector, black
T3b	3-pin connector, black
T73a	73-pin connector, black
W1	Front interior light
W7	Centre interior light
61	Earth point, left C-pillar
370	Earth connection 5, in main wiring harness
A29	Connection (interior light), in dash panel wiring harness
R4	Connection 1, in interior light/door contact switch wiring harness
*	Only models with double cab
*2	Only models with Highline equipment
*3	Only models with basic equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
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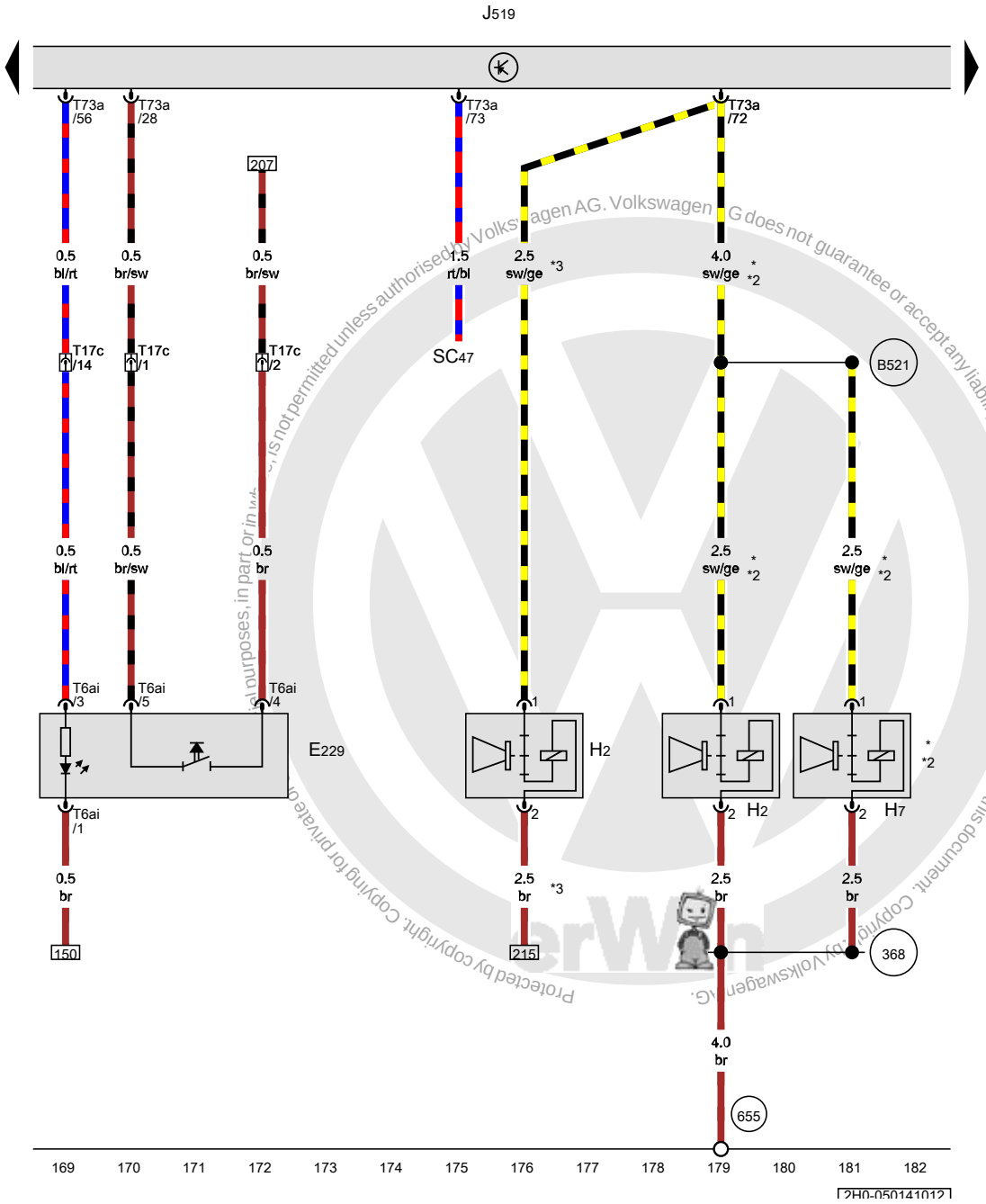

Hazard warning lights button, Treble horn, Bass horn

E229	Hazard warning lights button, near radio
H2	Treble horn
H7	Bass horn
J519	Onboard supply control unit
SC47	Fuse 47 on fuse holder C
T6ai	6-pin connector, black, red
T17c	17-pin connector, on left under dash panel, black
T73a	73-pin connector, black
368	Earth connection 3, in main wiring harness
655	Earth point, on left headlight
B521	Connection (dual tone horn), in main wiring harness
*	Only models with Highline equipment
*2	Only models with Trendline equipment
*3	Only models with basic equipment

ws	=	white
sw	=	black
ro	=	red
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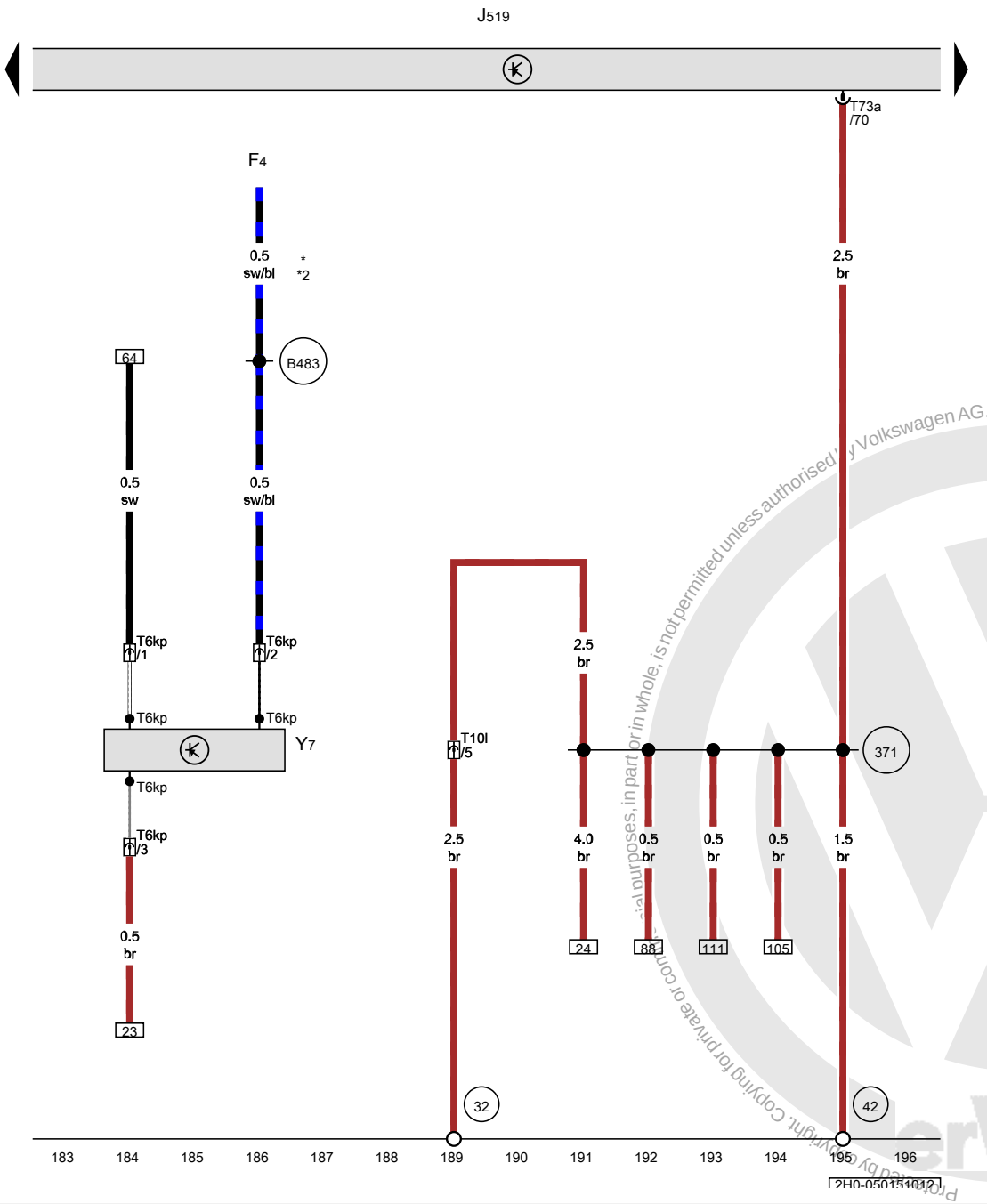

F4	Reversing light switch
J519	Onboard supply control unit
T6kp	6-pin connector, on interior mirror, black
T10l	10-pin connector, on left under dash panel, blue
T73a	73-pin connector, black
Y7	Automatic anti-dazzle interior mirror, on interior mirror
32	Earth point, on left behind dash panel
42	Earth point, next to steering column
371	Earth connection 6, in main wiring harness
B483	Connection 19, in main wiring harness
*	see applicable current flow diagram for exterior lighting
*2	Only models with automatic driving lights control

ws	=	white
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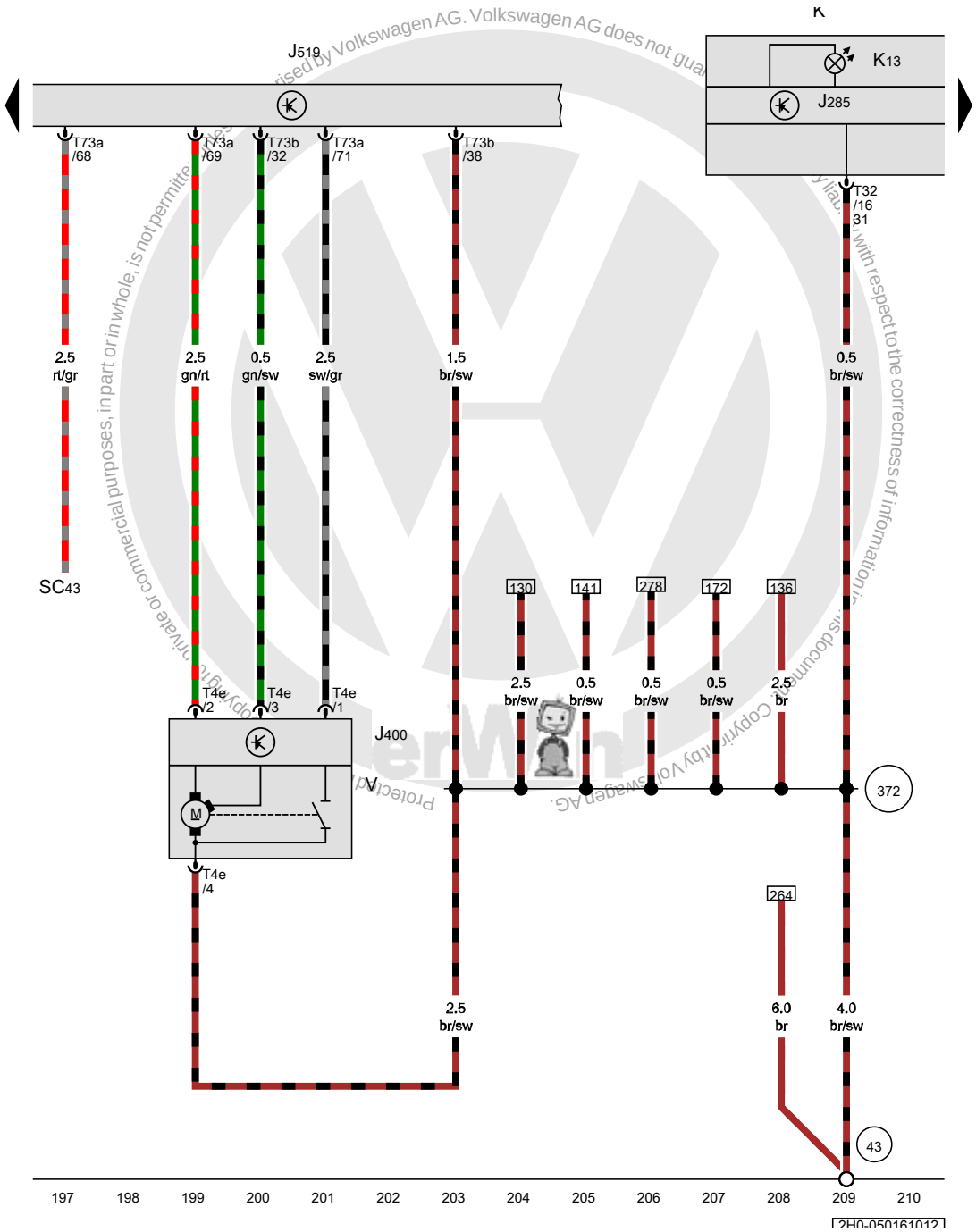

Dash panel insert, Windscreen wiper motor

J285	Control unit in dash panel insert
J400	Wiper motor control unit
J519	Onboard supply control unit
K	Dash panel insert
K13	Rear fog light warning lamp
SC43	Fuse 43 on fuse holder C
T4e	4-pin connector, black
T32	32-pin connector, blue
T73a	73-pin connector, black
T73b	73-pin connector, colourless
V	Windscreen wiper motor
43	Earth point, lower part of right A-pillar
372	Earth connection 7, in main wiring harness

ws	=	white
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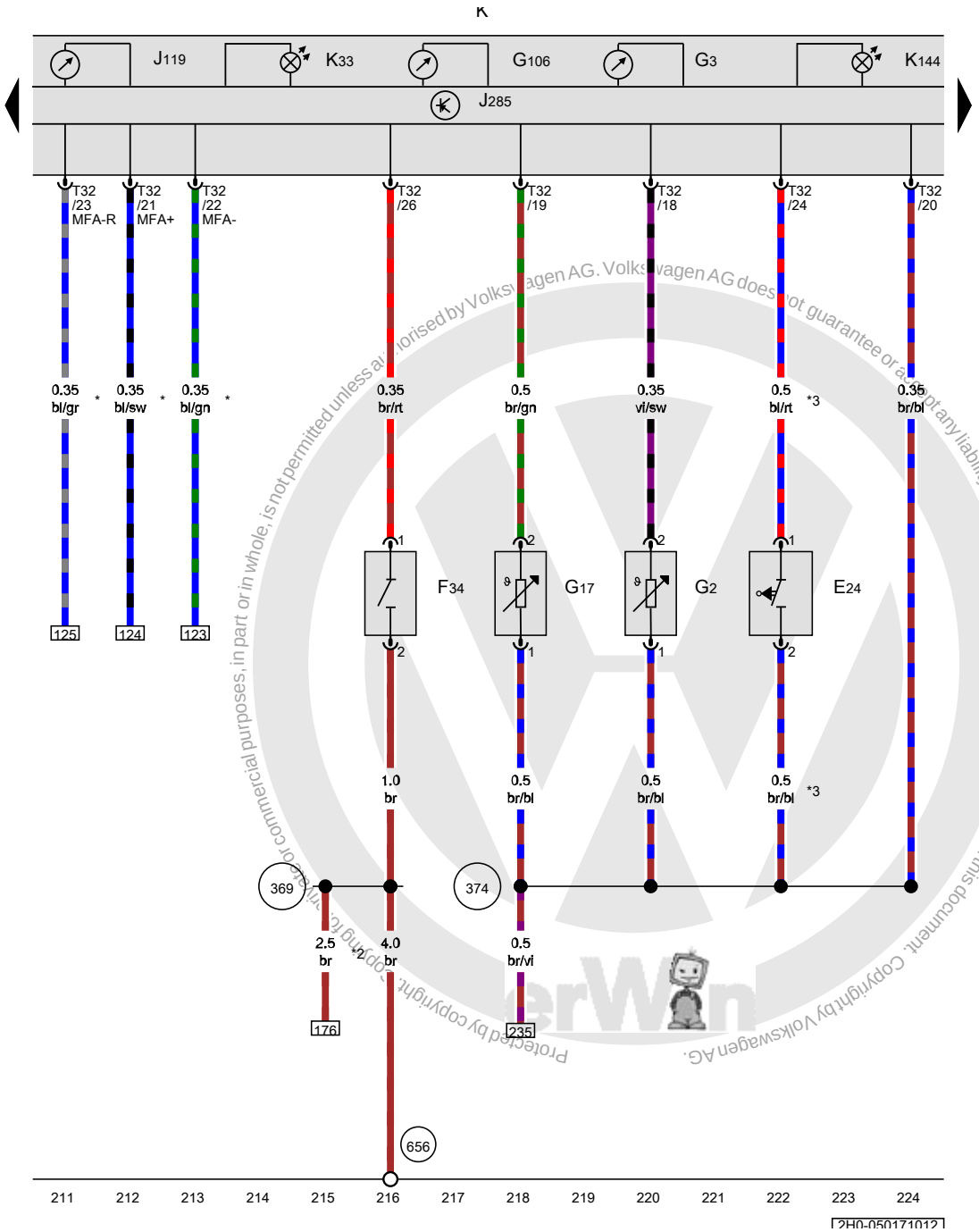

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Driver side belt switch, Brake fluid level warning contact, Coolant temperature display sender, Coolant temperature gauge, Ambient temperature sensor, Ambient temperature indicator, Multifunction indicator, Dash panel insert, Brake fluid level warning lamp, Driver side airbag deactivated warning lamp

E24	Driver side belt switch
F34	Brake fluid level warning contact
G2	Coolant temperature display sender
G3	Coolant temperature gauge
G17	Ambient temperature sensor
G106	Ambient temperature indicator
J119	Multifunction indicator
J285	Control unit in dash panel insert
K	Dash panel insert
K33	Brake fluid level warning lamp
K144	Driver side airbag deactivated warning lamp
T32	32-pin connector, blue
369	Earth connection 4, in main wiring harness
374	Earth connection 9, in main wiring harness
656	Earth point, on right headlight, on right on bulkhead
*	Only models with multifunction display
*2	Only models with basic equipment
*3	Only models with no airbag

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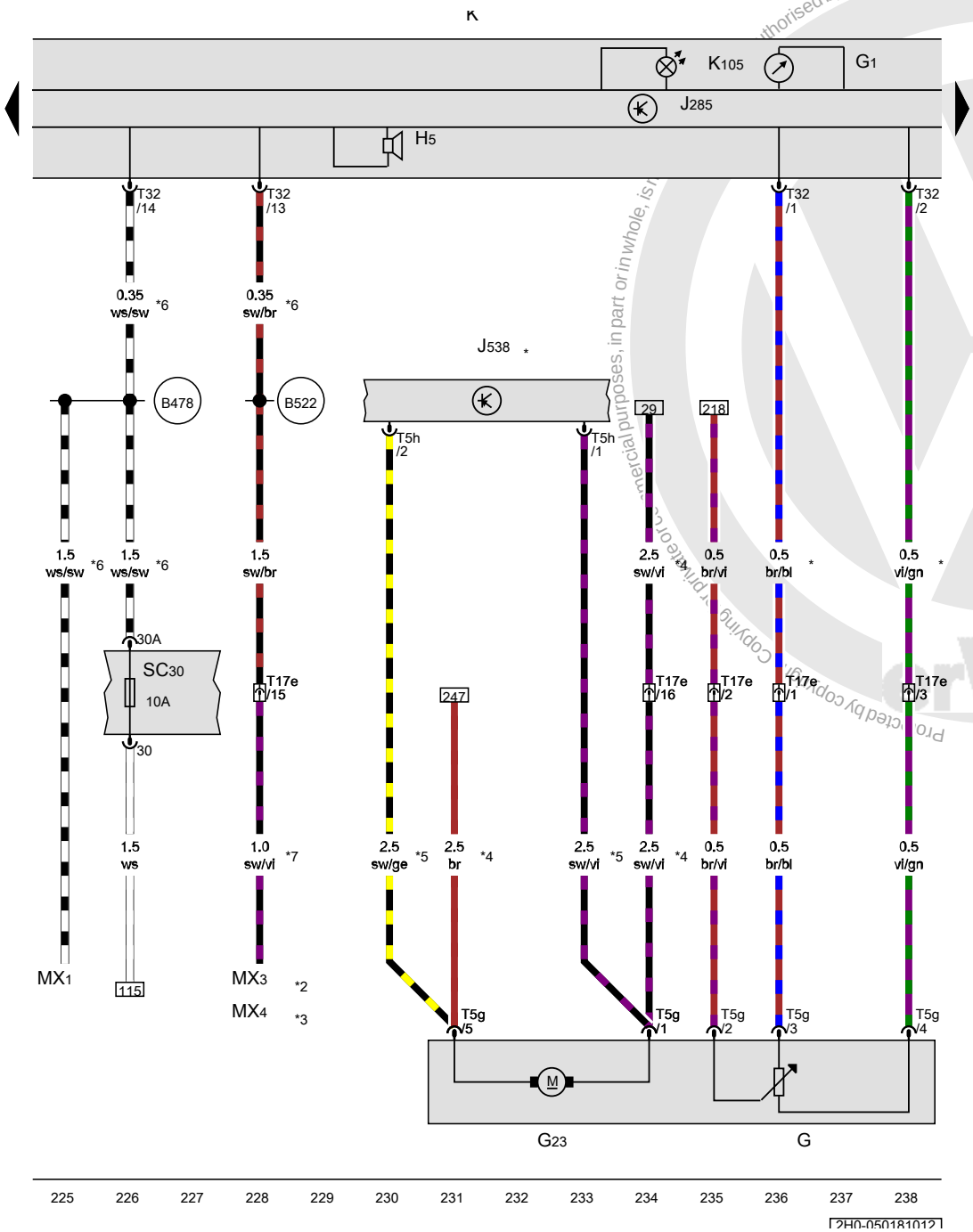

Fuel gauge, Fuel pump, Ignition and starter key warning system buzzer and gong, Fuel pump control unit, Dash panel insert, Reserve fuel warning lamp

G	Fuel gauge sender
G1	Fuel gauge
G23	Fuel pump
H5	Ignition and starter key warning system buzzer and gong
J285	Control unit in dash panel insert
J538	Fuel pump control unit
K	Dash panel insert
K105	Reserve fuel warning lamp
MX1	Front left headlight
MX3	Left tail light
MX4	Right tail light
SC30	Fuse 30 on fuse holder C
T5g	5-pin connector, black
T5h	5-pin connector, black
T17e	17-pin connector, near handbrake lever, red
T32	32-pin connector, blue
B478	Connection 14, in main wiring harness
B522	Connection (FL), in main wiring harness
*	see applicable current flow diagram for engine
*2	Left-hand drive models
*3	Only right-hand drive models
*4	Only models with diesel engine
*5	Only models with petrol engine
*6	Only models with no start/stop system
*7	Only models with no towing bracket

ws	=	white
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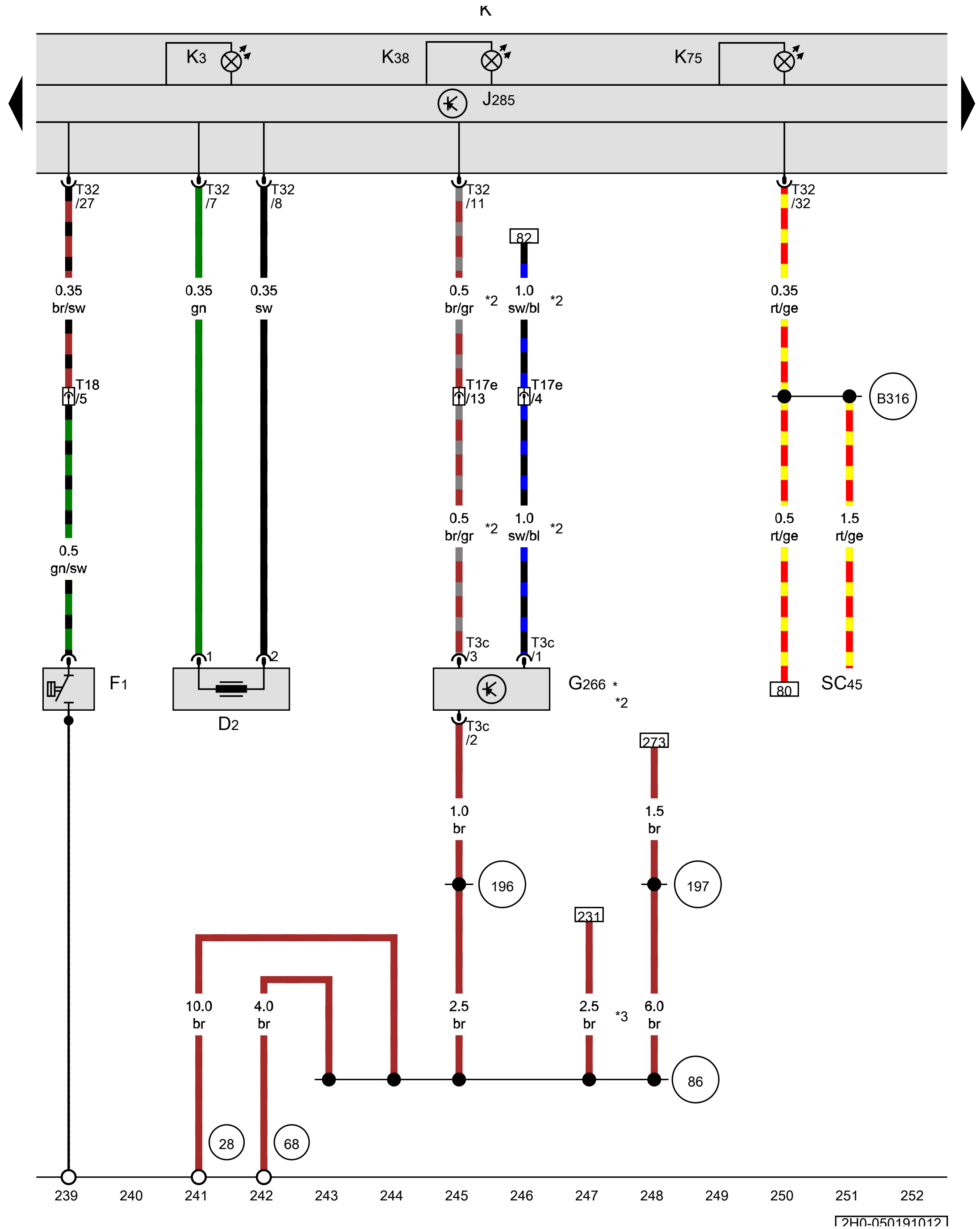

Immobiliser reader coil, Oil pressure switch, Oil level and oil temperature sender, Dash panel insert, Oil pressure warning lamp, Oil level warning lamp

D2	Immobiliser reader coil, on ignition/starter switch
F1	Oil pressure switch
G266	Oil level and oil temperature sender
J285	Control unit in dash panel insert
K	Dash panel insert
K3	Oil pressure warning lamp
K38	Oil level warning lamp
K75	Airbag warning lamp
SC45	Fuse 45 on fuse holder C
T3c	3-pin connector, black
T17e	17-pin connector, near handbrake lever, red
T18	18-pin connector, near engine control unit, black
T32	32-pin connector, blue
28	Earth point, on bulkhead
68	Earth point, on left of rear cross member
86	Earth connection 1, in rear wiring harness
196	Earth connection 3, in rear wiring harness
197	Earth connection 4, in rear wiring harness
B316	Positive connection 2 (30a) in main wiring harness
*	see applicable current flow diagram for engine
*2	Only models with Euro 5 emission standard
*3	Only models with diesel engine

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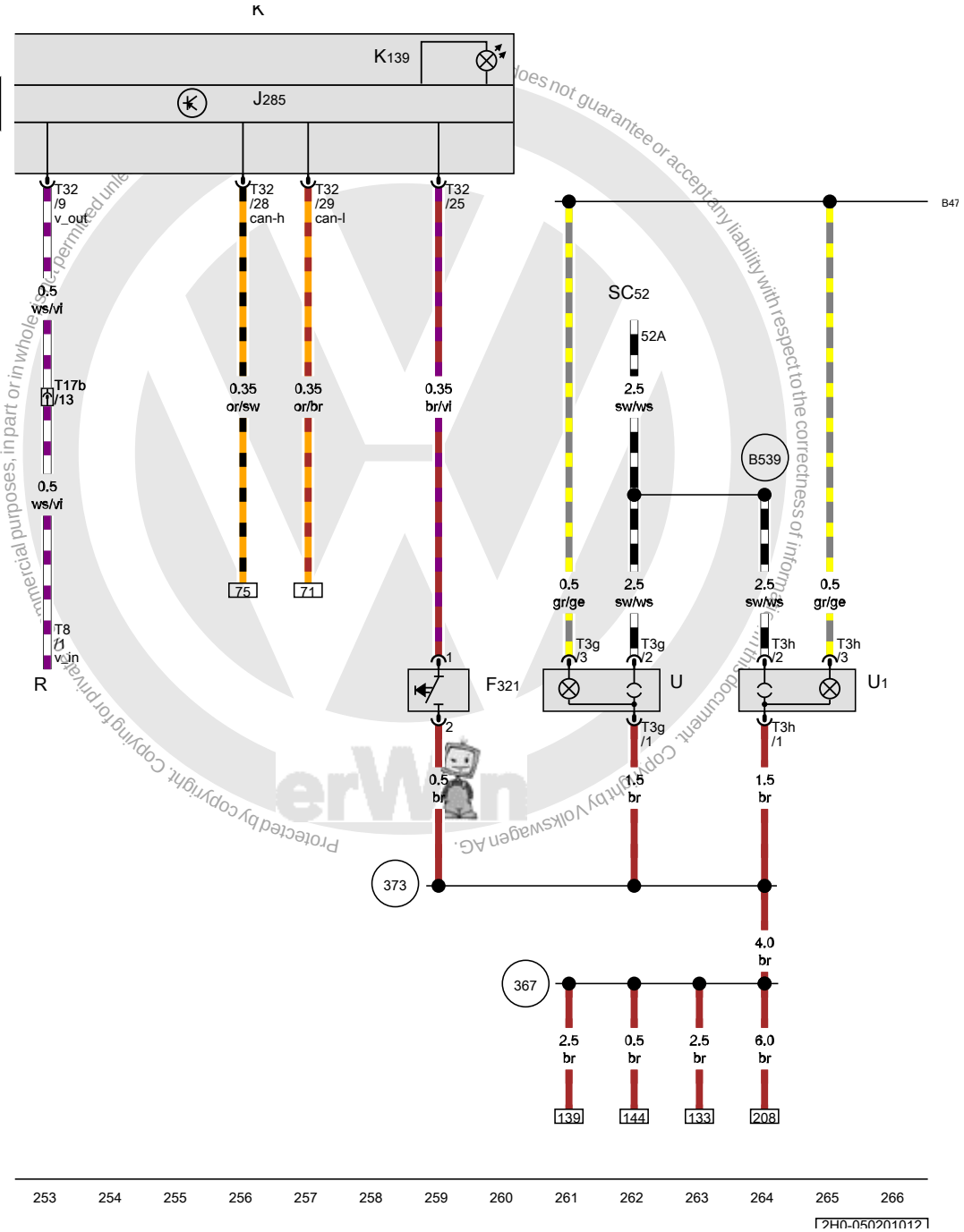

Parking brake contact switch, Dash panel insert, Radio, Electric socket, Cigarette lighter

F321	Parking brake contact switch
J285	Control unit in dash panel insert
K	Dash panel insert
K139	Handbrake warning lamp
R	Radio
SC52	Fuse 52 on fuse holder C
T3g	3-pin connector, grey
T3h	3-pin connector, transparent
T8	8-pin connector, brown
T17b	17-pin connector, on left under dash panel, brown
T32	32-pin connector, blue
U	Electric socket, on centre console switch module
U1	Cigarette lighter, on centre console switch module
367	Earth connection 2, in main wiring harness
373	Earth connection 8, in main wiring harness
B472	Connection 8, in main wiring harness
B539	Connection 30, in main wiring harness

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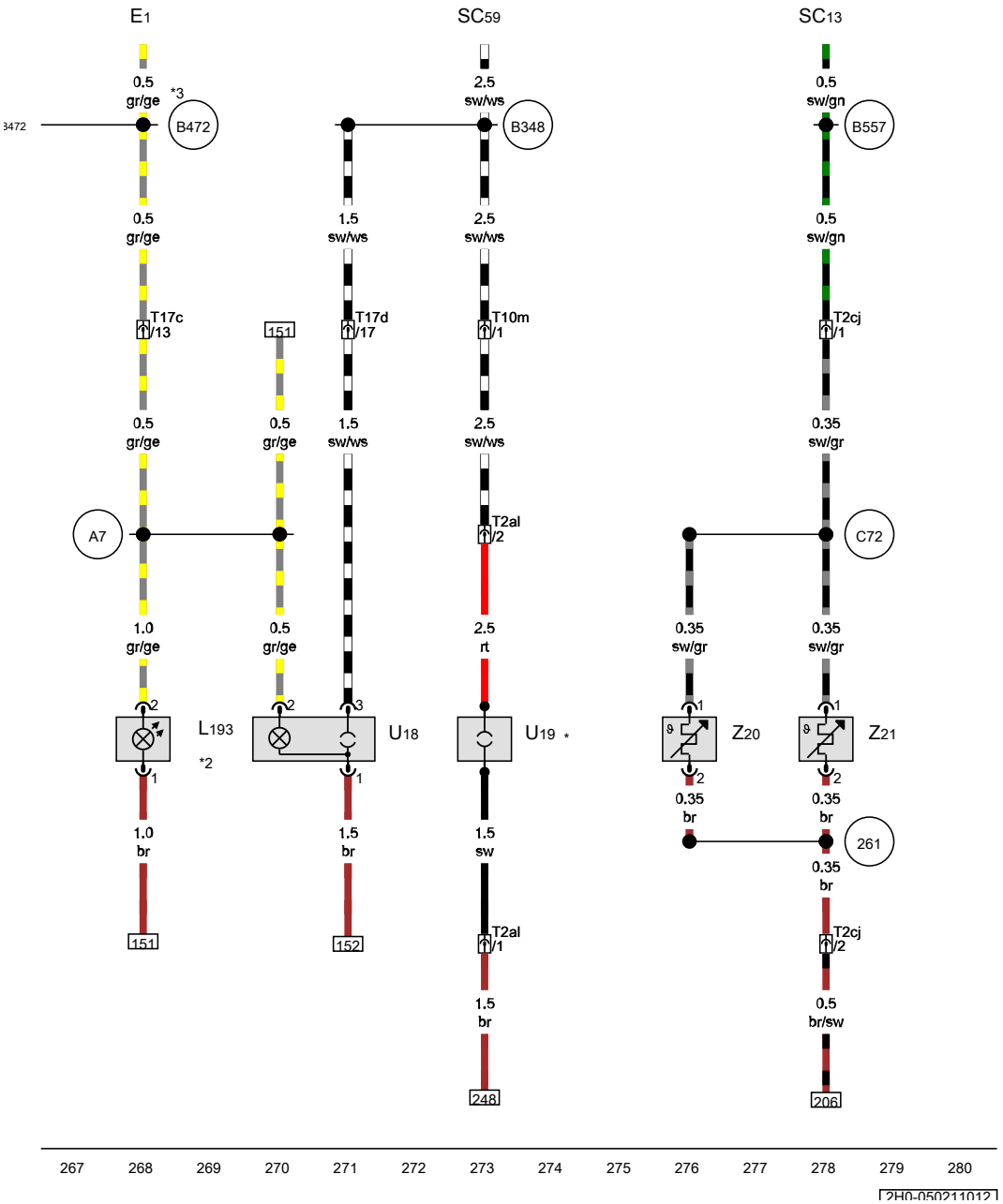

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Light switch, Light 1 for front centre console background lighting, 12 V socket 2, Left washer jet heater element

E1	Light switch
L193	Light 1 for front centre console background lighting, in dash panel
SC13	Fuse 13 on fuse holder C
SC59	Fuse 59 on fuse holder C
T2al	2-pin connector, in rear left wheel housing, black
T2cj	2-pin connector, near window wiper motor, black
T10m	10-pin connector, near handbrake lever, brown
T17c	17-pin connector, on left under dash panel, black
T17d	17-pin connector, on left under dash panel, red
U18	12 V socket 2, in centre of dash panel, in storage compartment
U19	12 V socket 3, on left wheel housing
Z20	Left washer jet heater element
Z21	Right washer jet heater element
261	Earth connection, in heated washer jet wiring harness
A7	Positive connection (58 D1), in dash panel wiring harness
B348	Connection 1 (75a), in main wiring harness
B472	Connection 8, in main wiring harness
B557	Positive connection 21 (30a), in main wiring harness
C72	Positive connection in heated washer jet wiring harness
*	Special equipment
*2	Only models with Highline equipment
*3	see applicable current flow diagram

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CAN and LIN bus networking, powertrain CAN, diagnosis CAN, dash panel CAN, convenience CAN

From June 2012

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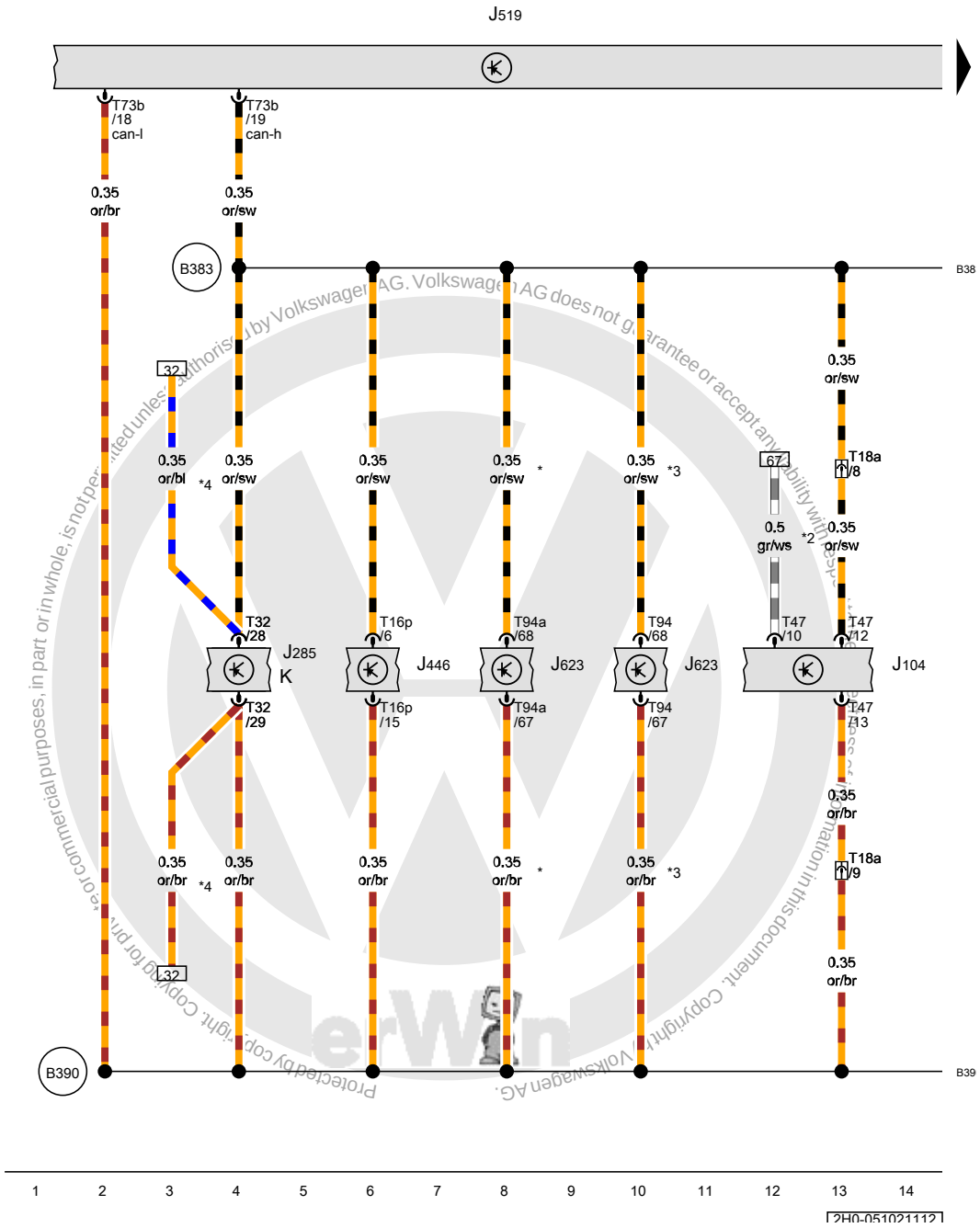

Onboard supply control unit

J104	ABS control unit
J285	Control unit in dash panel insert
J446	Parking aid control unit
J519	Onboard supply control unit, near driver side A-pillar
J623	Engine control unit
K	Dash panel insert
T16p	16-pin connector, brown
T18a	18-pin connector, near battery, grey
T32	32-pin connector, blue
T47	47-pin connector, black
T73b	73-pin connector, colourless
T94	94-pin connector, black
T94a	94-pin connector, black
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	Only models with diesel engine
*2	Gradually discontinued
*3	Only models with petrol engine
*4	Only models with automatic driving lights control

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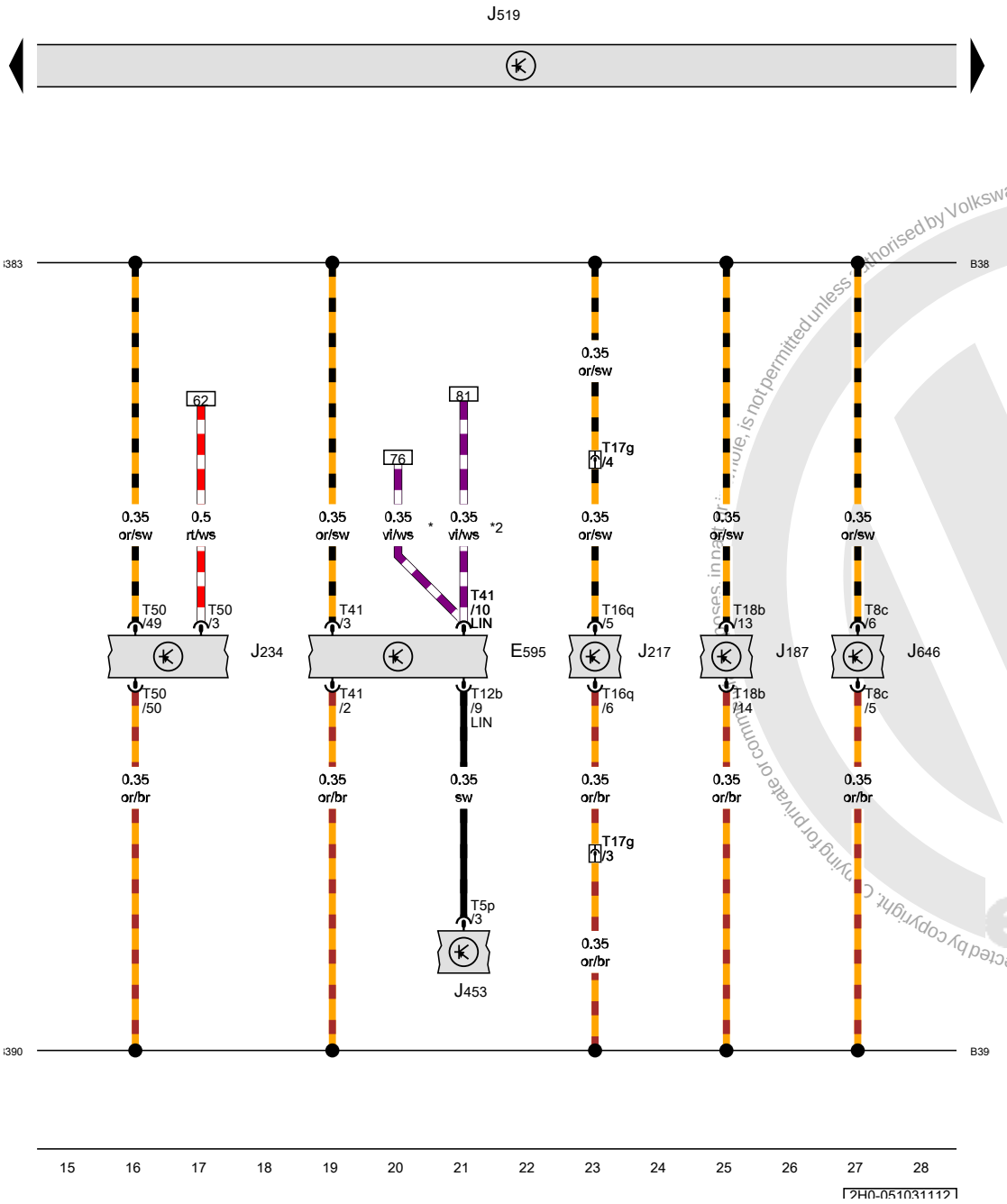

Onboard supply control unit

E595	Steering column combination switch
J187	Differential lock control unit
J217	Automatic gearbox control unit
J234	Airbag control unit
J453	Multifunction steering wheel control unit
J519	Onboard supply control unit, near driver side A-pillar
J646	Transfer box control unit
T5p	5-pin connector, black
T8c	8-pin connector, black
T12b	12-pin connector, yellow
T16q	16-pin connector, black
T17g	17-pin connector, near handbrake lever, black
T18b	18-pin connector, black
T41	41-pin connector, grey
T50	50-pin connector, yellow
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	Only models with electric window regulators
*2	Only models with manual window regulators

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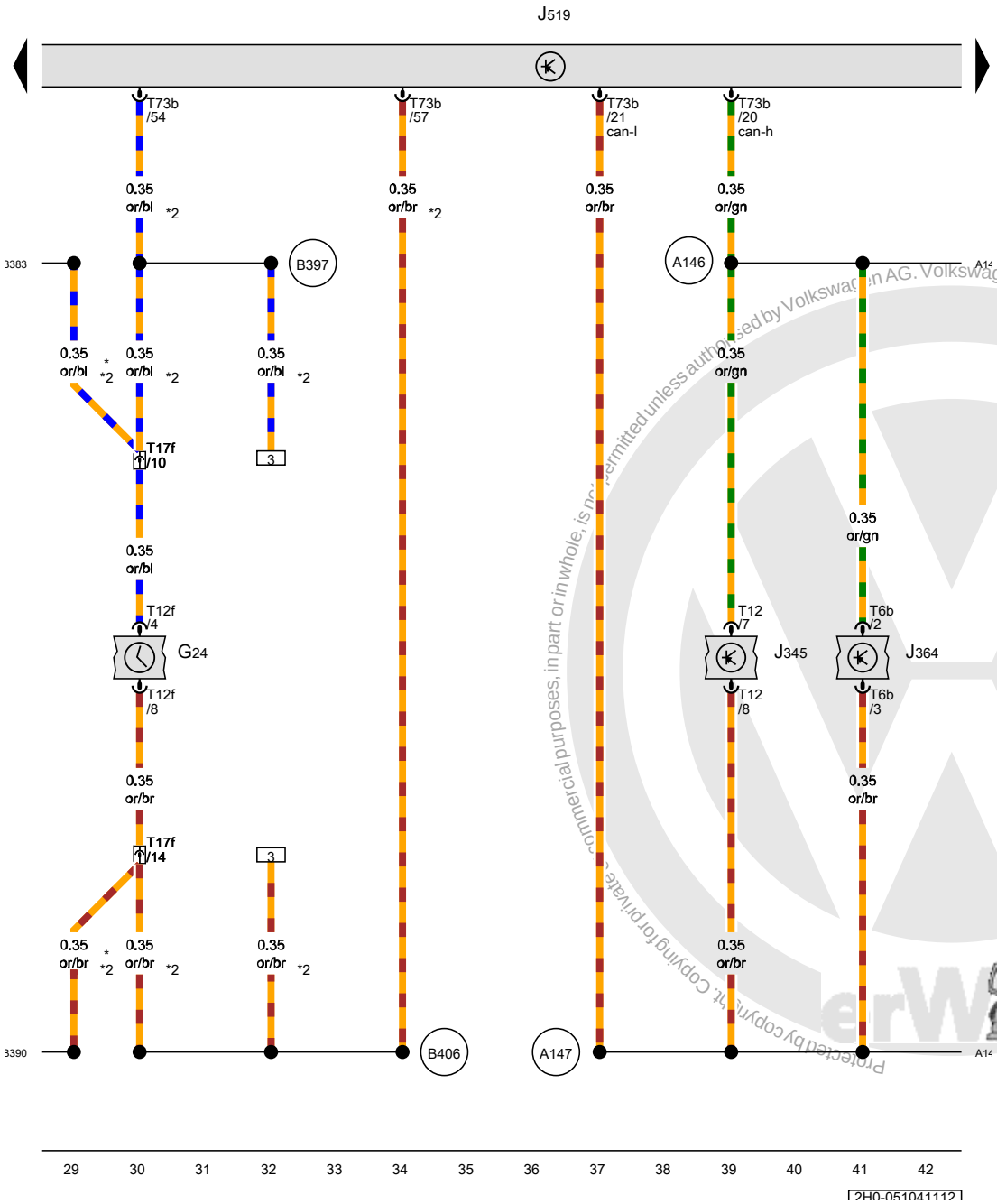

Onboard supply control unit

G24	Tachograph
J345	Trailer detector control unit, on left under dash panel
J364	Auxiliary heater control unit
J519	Onboard supply control unit, near driver side A-pillar
T6b	6-pin connector, black
T12	12-pin connector, red
T12f	12-pin connector, black
T17f	17-pin connector, behind glove compartment, black
T73b	73-pin connector, colourless
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	Only models with no start/stop system
*2	Only models with automatic driving lights control

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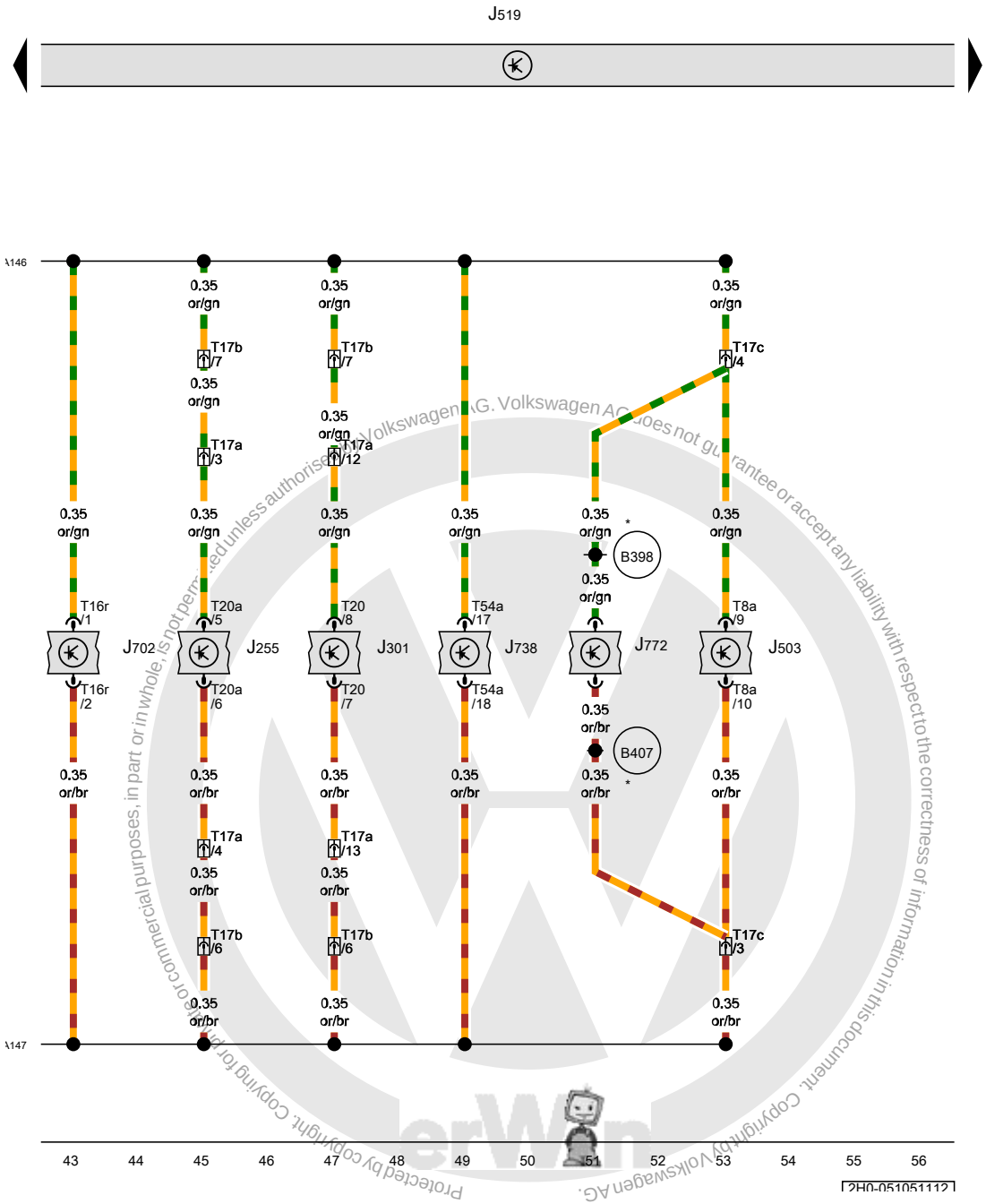

Onboard supply control unit

J255	Climatronic control unit
J301	Air conditioning system control unit
J503	Control unit with display for radio and navigation
J519	Onboard supply control unit, near driver side A-pillar
J702	Roof display unit, near front interior light
J738	Telephone controls control unit, under centre console
J772	Reversing camera system control unit
T8a	8-pin connector, black
T16r	16-pin connector
T17a	17-pin connector, behind glove compartment, black
T17b	17-pin connector, on left under dash panel, brown
T17c	17-pin connector, on left under dash panel
T20	20-pin connector, black
T20a	20-pin connector, black
T54a	54-pin connector
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
*	Only models with reversing camera system

ws	=	white
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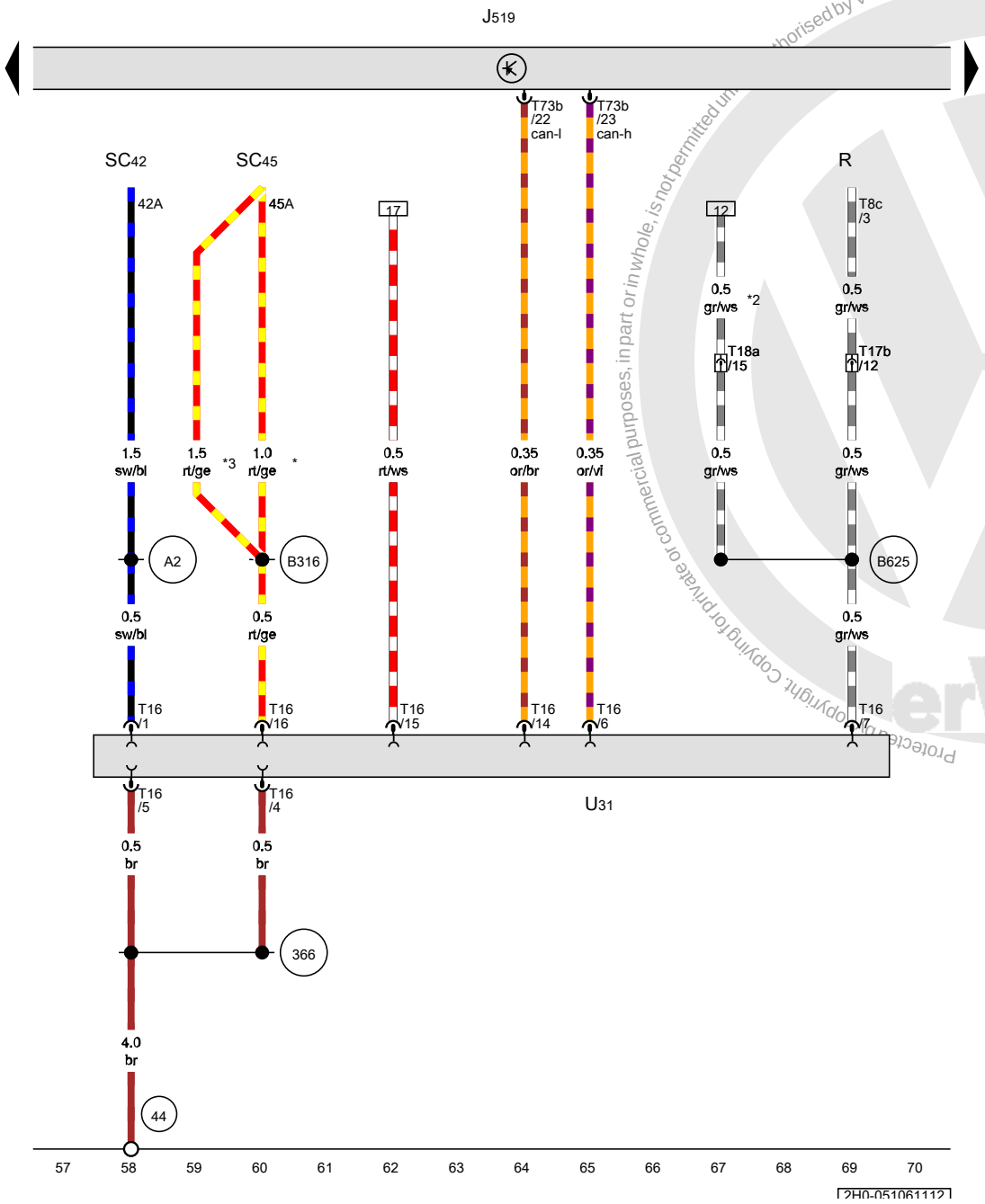

Onboard supply control unit, Diagnostic connection

J519	Onboard supply control unit, near driver side A-pillar
R	Radio
SC42	Fuse 42 on fuse holder C
SC45	Fuse 45 on fuse holder C
T8c	8-pin connector
T16	16-pin connector
T17b	17-pin connector, on left under dash panel, brown
T18a	18-pin connector, near battery, grey
T73b	73-pin connector, colourless
U31	Diagnostic connection, near lower part of right A-pillar
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
A2	Positive connection (15), in dash panel wiring harness
B316	Positive connection 2 (30a) in main wiring harness
B625	Connection (K-diagnosis wire), in main wiring harness
*	From February 2013
*2	Gradually discontinued
*3	Up to January 2013

ws	=	white
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or	=	orange
rs	=	pink

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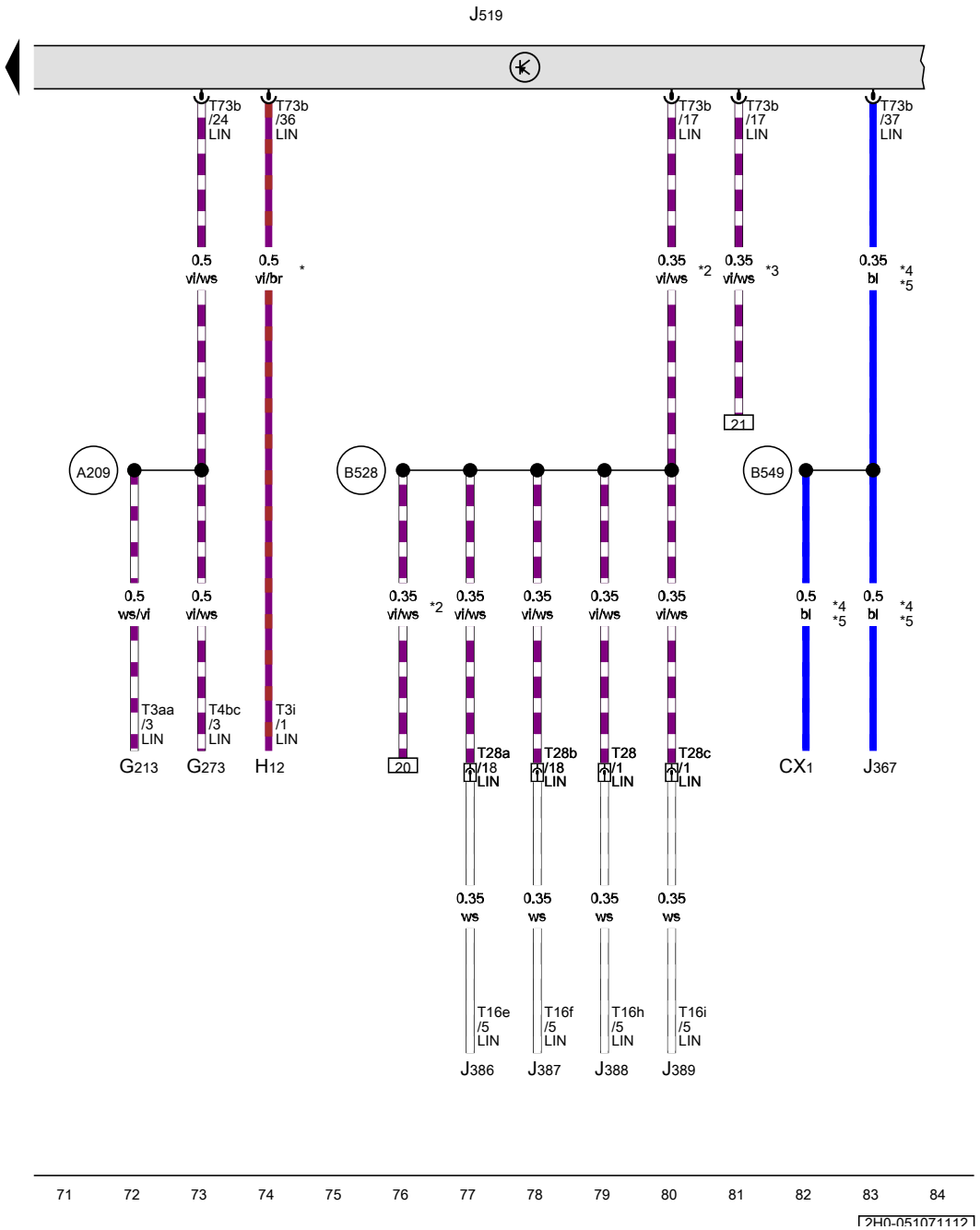

Onboard supply control unit

CX1	Alternator with voltage regulator
G213	Rain sensor, near interior mirror
G273	Interior monitoring sensor
H12	Alarm horn
J367	Battery monitor control unit
J386	Driver door control unit
J387	Front passenger door control unit
J388	Rear left door control unit
J389	Rear right door control unit
J519	Onboard supply control unit, near driver side A-pillar
T3aa	3-pin connector, black
T3i	3-pin connector
T4bc	4-pin connector
T16e	16-pin connector
T16f	16-pin connector, black
T16h	16-pin connector, black
T16i	16-pin connector, black
T28	28-pin connector, on left B-pillar
T28a	28-pin connector, on left A-pillar
T28b	28-pin connector, on right A-pillar
T28c	28-pin connector, on right B-pillar
T73b	73-pin connector, colourless
A209	Connection 1 (LIN bus) in dash panel wiring harness
B528	Connection 1 (LIN bus) in main wiring harness
B549	Connection 2 (LIN bus) in main wiring harness
*	For models with anti-theft alarm system
*2	Only models with electric window regulators
*3	Only models with manual window regulators
*4	Only models with stop/start system
*5	see applicable current flow diagram for engine

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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Airbag systems

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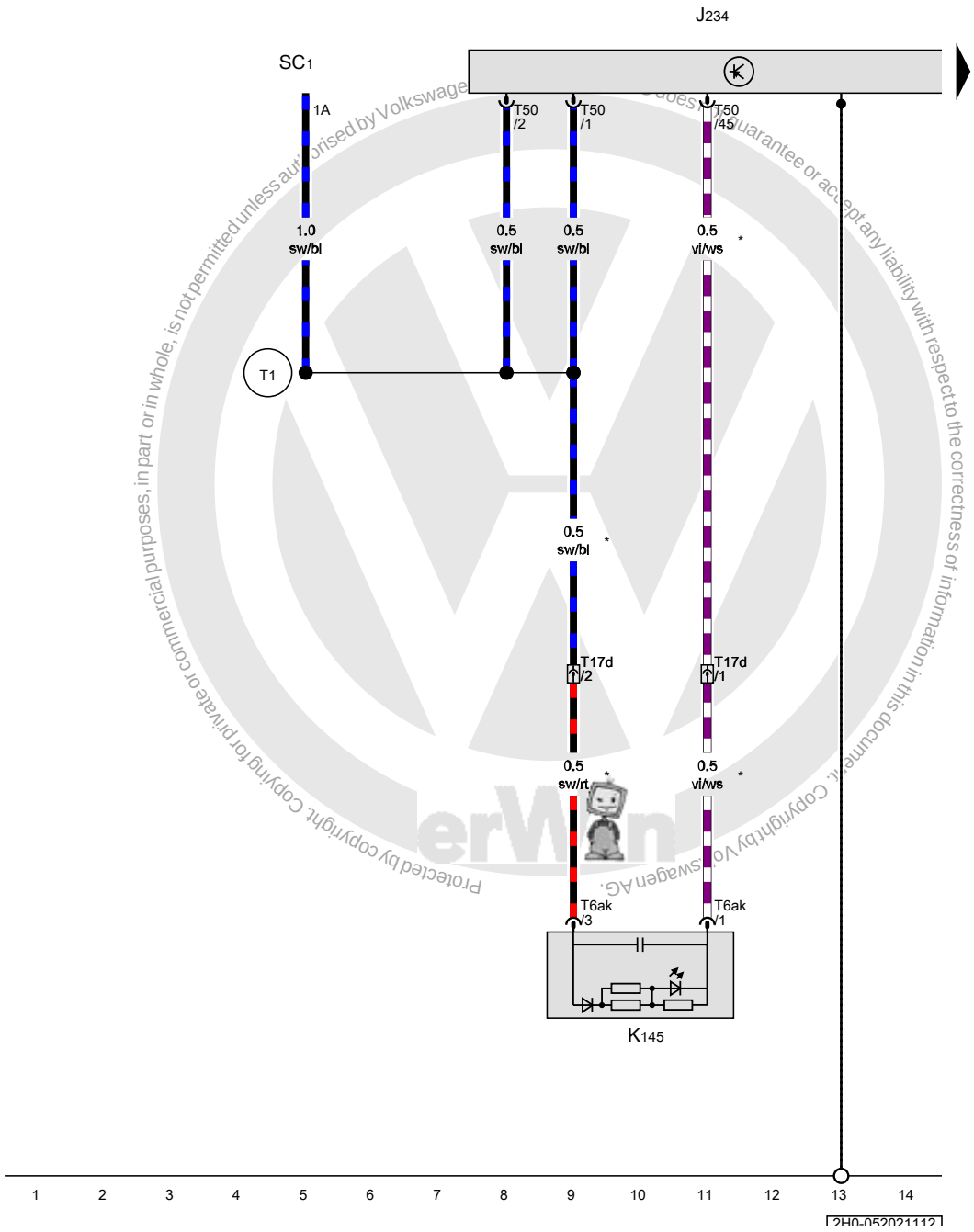

Airbag control unit, Front passenger side airbag deactivated warning lamp, Fuse 1 on fuse holder C

J234	Airbag control unit, under centre console
K145	Front passenger side airbag deactivated warning lamp, near radio
SC1	Fuse 1 on fuse holder C
T6ak	6-pin connector, white
T17d	17-pin connector, on left under dash panel
T50	50-pin connector, green
T1	Positive connection 1, in airbag wiring harness
*	Only models with key operated switch to deactivate front passenger airbag/ side airbag/ belt buckle sensor

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
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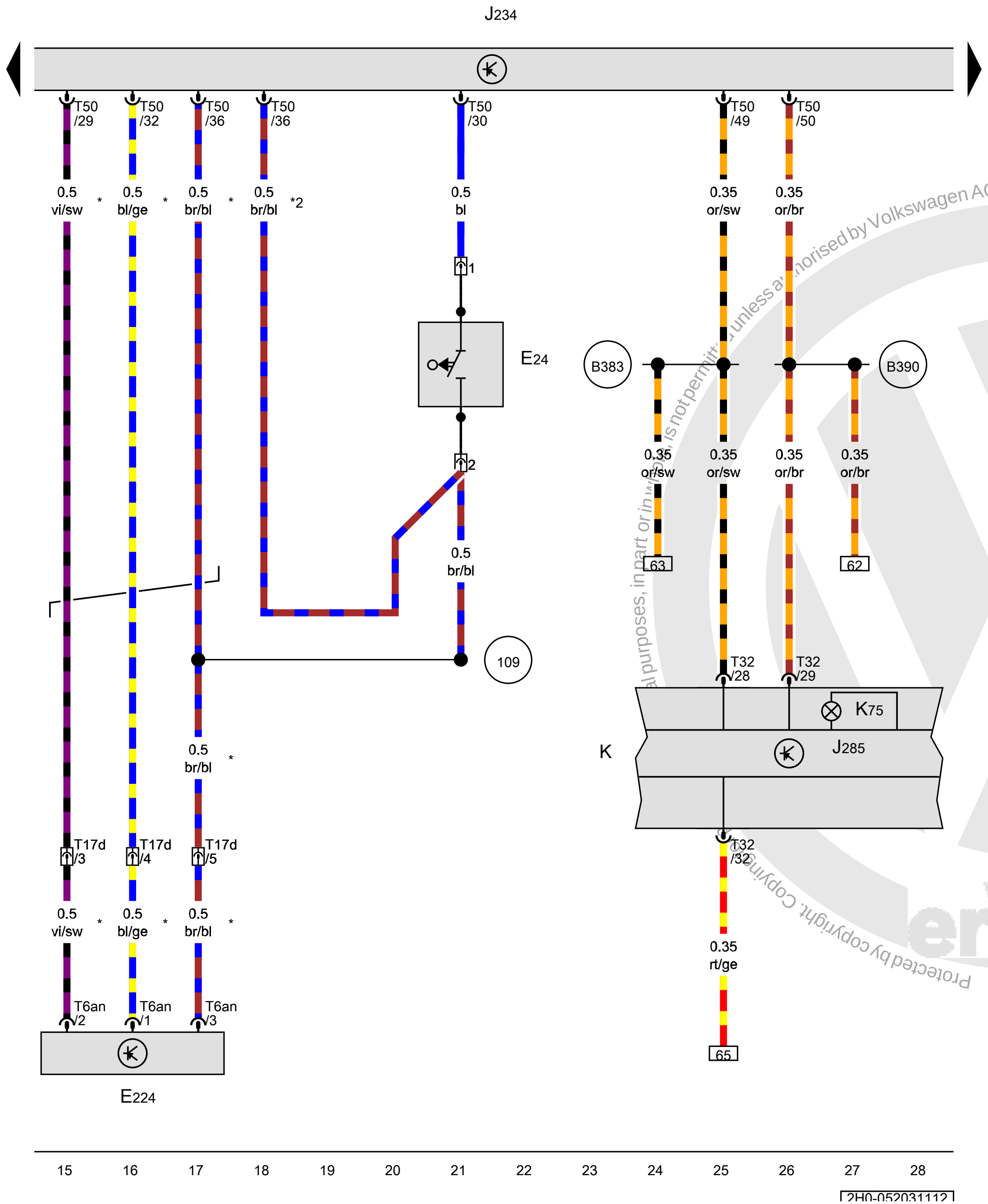

Driver side belt switch, Key operated switch to deactivate front passenger side airbag, Airbag control unit, Dash panel insert

E24	Driver side belt switch
E224	Key operated switch to deactivate front passenger side airbag
J234	Airbag control unit, under centre console
J285	Control unit in dash panel insert
K	Dash panel insert
K75	Airbag warning lamp
T2yasx	2-pin connector, black
T6an	6-pin connector, black
T17d	17-pin connector, on left under dash panel
T32	32-pin connector, blue
T50	50-pin connector, green
109	Earth connection, in airbag wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	Only models with key operated switch to deactivate front passenger airbag/ side airbag/ belt buckle sensor
*2	Only models with no side airbag, no front passenger airbag and no key operated switch

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ro = red
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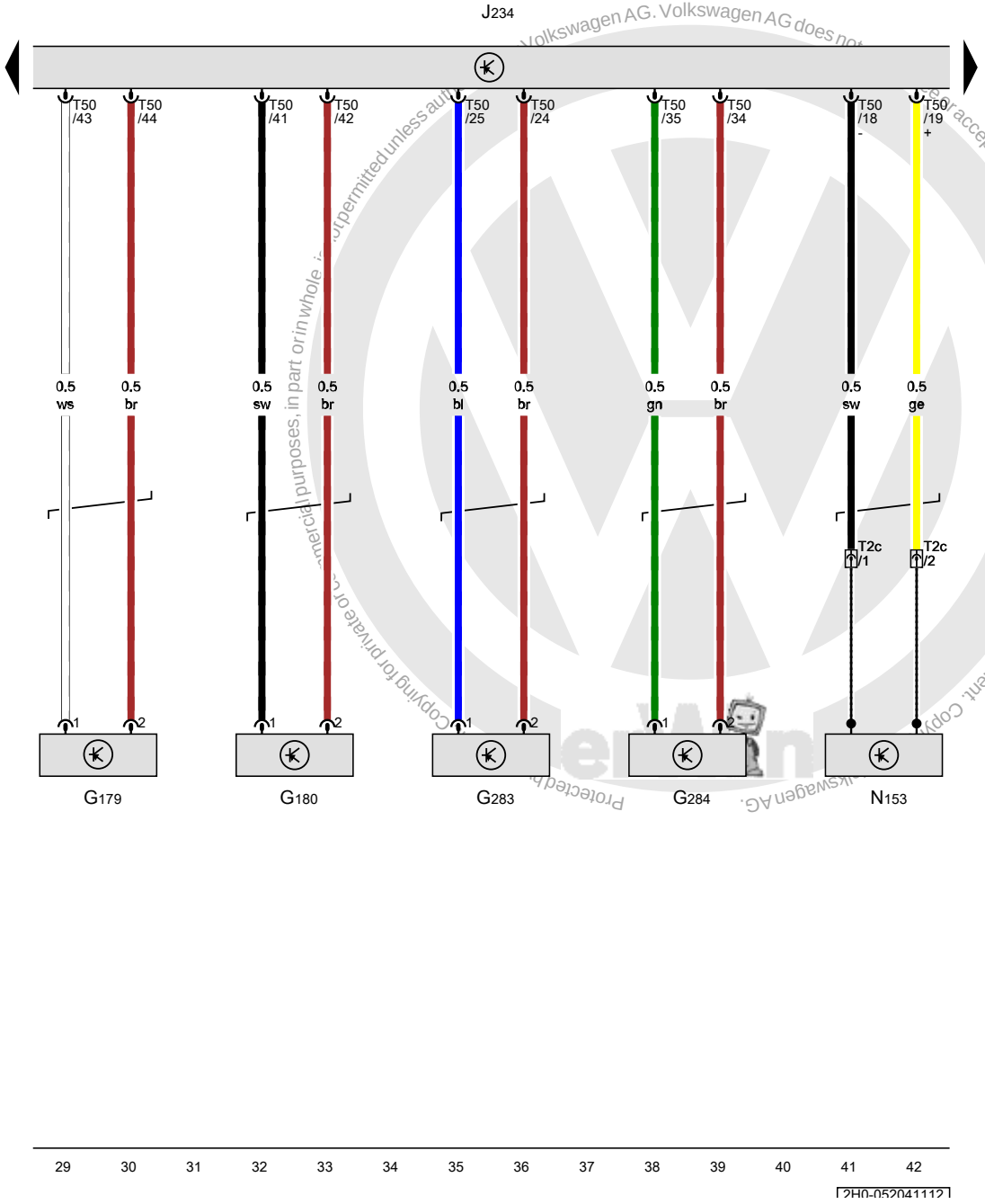

Side airbag crash sensor on driver side, Side airbag crash sensor on front passenger side, Front airbag crash sensor for driver side, Front airbag crash sensor for front passenger side, Airbag control unit, Driver seat belt tensioner igniter 1

G179	Side airbag crash sensor on driver side, on left B-pillar
G180	Side airbag crash sensor on front passenger side, on right B-pillar
G283	Front airbag crash sensor for driver side, near left headlight
G284	Front airbag crash sensor for front passenger side, near right headlight
J234	Airbag control unit, under centre console
N153	Driver seat belt tensioner igniter 1
T2c	2-pin connector, yellow
T50	50-pin connector, green

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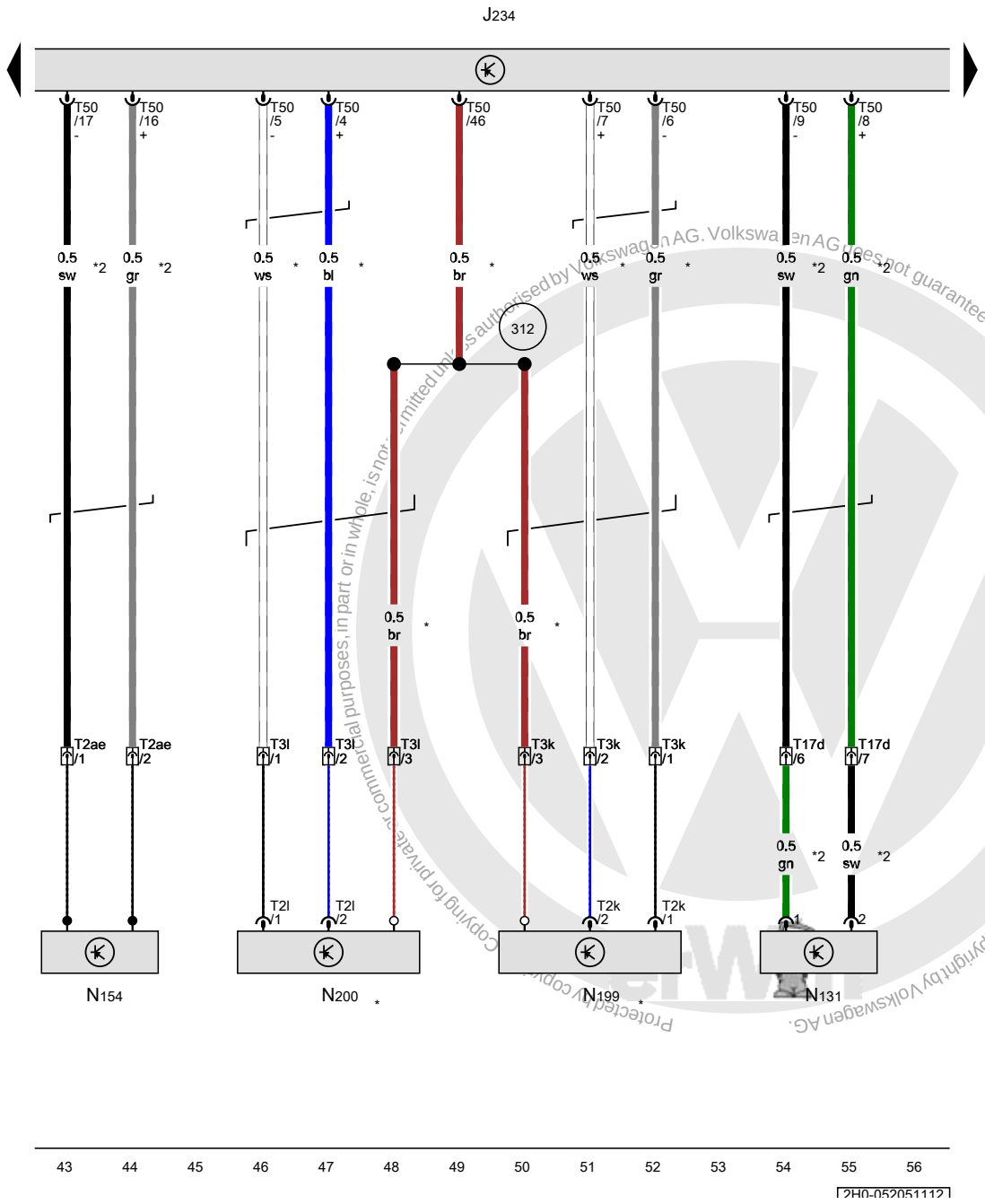

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Airbag control unit, Front passenger side airbag igniter 1, Front passenger seat belt tensioner igniter 1, Side airbag igniter on driver side, Side airbag igniter on front passenger side

J234	Airbag control unit, under centre console
N131	Front passenger side airbag igniter 1
N154	Front passenger seat belt tensioner igniter 1
N199	Side airbag igniter on driver side
N200	Side airbag igniter on front passenger side
T2ae	2-pin connector, yellow
T2k	2-pin connector, black
T2l	2-pin connector, black
T3k	3-pin connector, under driver seat, yellow
T3l	3-pin connector, Coupling point under front passenger seat, yellow
T17d	17-pin connector, on left under dash panel
T50	50-pin connector, green
312	Earth connection 2, in airbag wiring harness
*	Only models with front head-thorax airbag
*2	Only models with front passenger airbag

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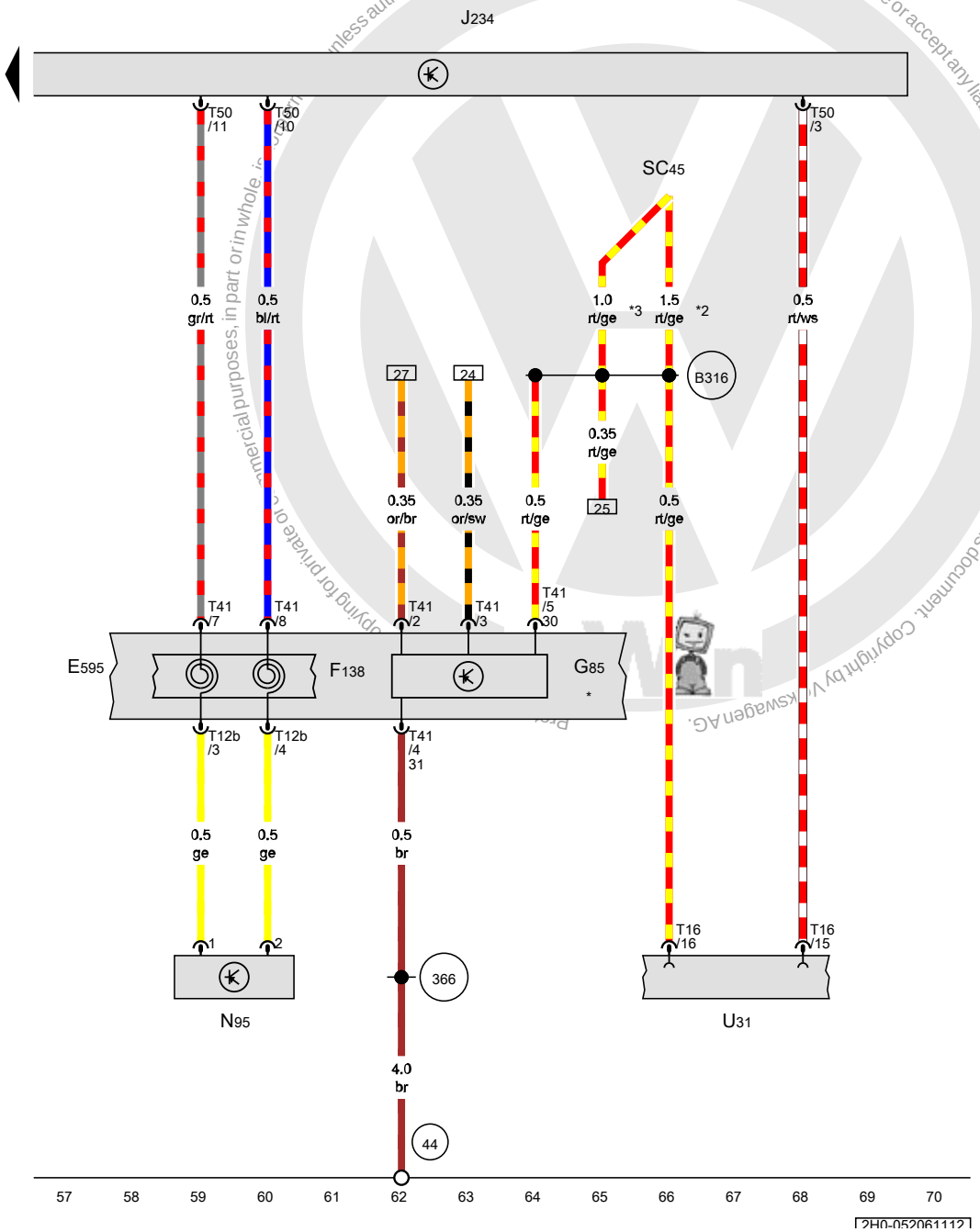

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Steering column combination switch, Airbag coil connector and return ring with slip ring, Airbag control unit, Driver side airbag igniter, Diagnostic connection

E595	Steering column combination switch
F138	Airbag coil connector and return ring with slip ring
G85	Steering angle sender
J234	Airbag control unit, under centre console
N95	Driver side airbag igniter
SC45	Fuse 45 on fuse holder C
T12b	12-pin connector, yellow
T16	16-pin connector, black
T41	41-pin connector, grey
T50	50-pin connector, green
U31	Diagnostic connection, near driver side A-pillar
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
B316	Positive connection 2 (30a) in main wiring harness
*	Only models with anti-lock brake system (ABS) and electronic stabilisation program (ESP)
*2	Up to January 2013
*3	From February 2013

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Anti-lock brake system (ABS) with electronic differential lock (EDL) and traction control system (TCS)

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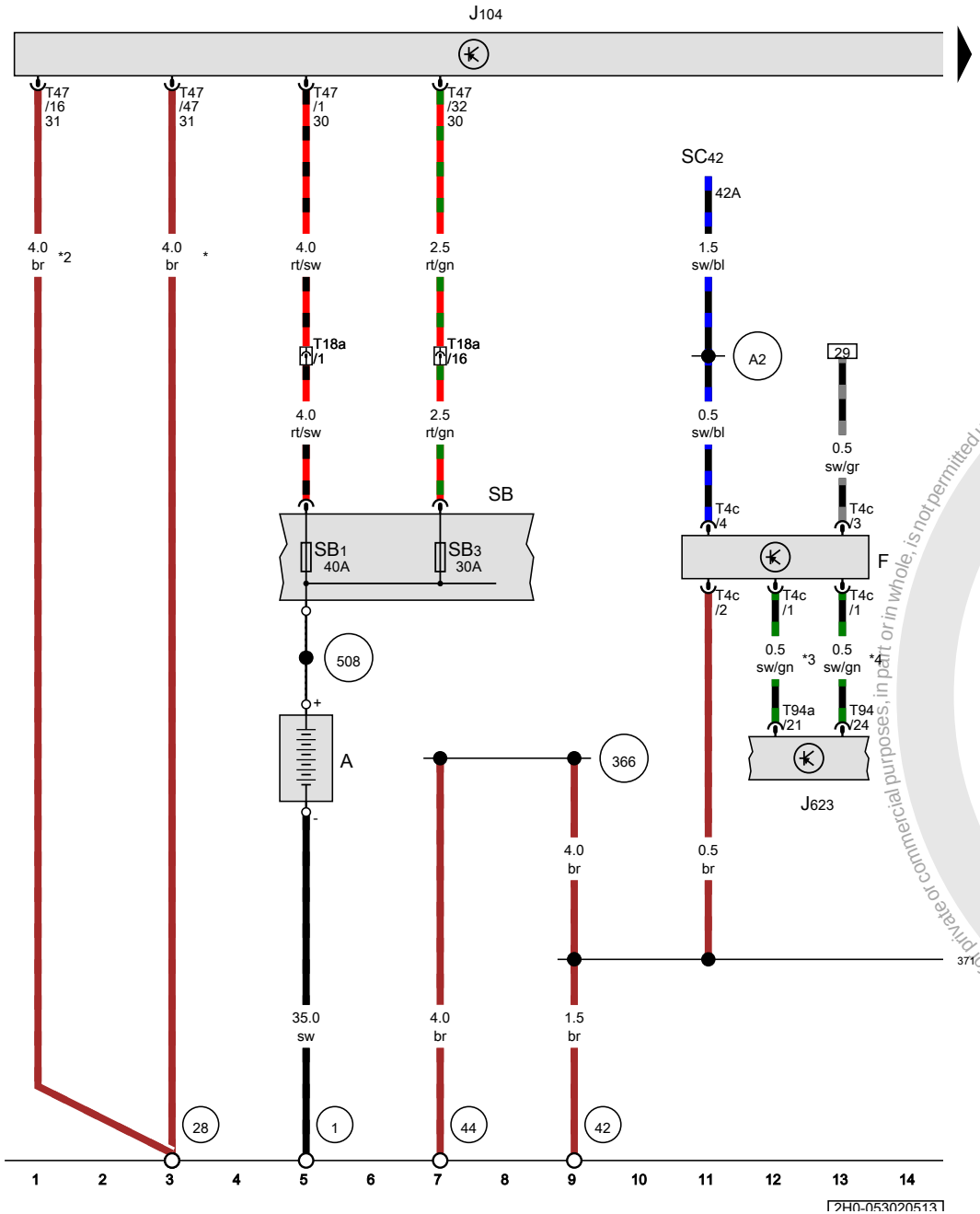

Brake light switch, ABS control unit, Fuse holder B, Fuse 1 on fuse holder B

A	Battery
F	Brake light switch
J104	ABS control unit
J623	Engine control unit
SB	Fuse holder B
SB1	Fuse 1 on fuse holder B
SB3	Fuse 3 on fuse holder B
SC42	Fuse 42 on fuse holder C
T4c	4-pin connector, black
T18a	18-pin connector, grey, near engine control unit
T47	47-pin connector, black
T94	94-pin connector, black
T94a	94-pin connector, black
1	Earth strap, battery - body
28	Earth point, on bulkhead
42	Earth point, next to steering column
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
371	Earth connection 6, in main wiring harness
508	Threaded connection (30) on E-box
A2	Positive connection (15), in dash panel wiring harness
*	Only models with no ESP
*2	Only models with electronic stabilisation program (ESP)
*3	Only models with diesel engine
*4	Only models with petrol engine

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rt	=	red
br	=	brown
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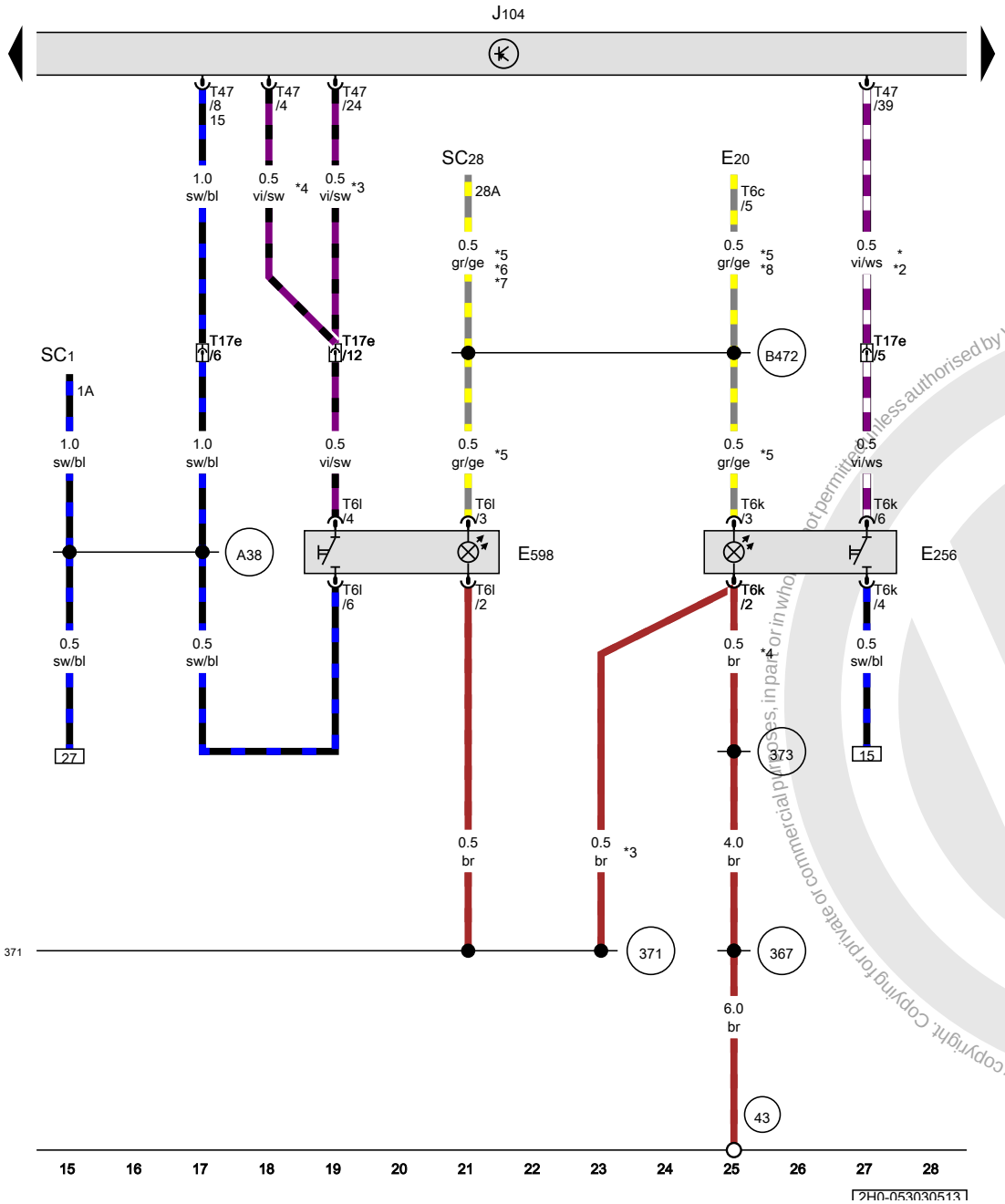

TCS and ESP button, Driving program button, ABS control unit, Fuse 1 on fuse holder C

E20	Switch and instrument illumination regulator
E256	TCS and ESP button
E598	Driving program button
J104	ABS control unit
SC1	Fuse 1 on fuse holder C
SC28	Fuse 28 on fuse holder C
T6c	6-pin connector, black
T6k	6-pin connector, grey, black
T6l	6-pin connector, red
T17e	17-pin connector, red, near handbrake lever
T47	47-pin connector, black
43	Earth point, lower part of right A-pillar
367	Earth connection 2, in main wiring harness
371	Earth connection 6, in main wiring harness
373	Earth connection 8, in main wiring harness
A38	Positive connection 2 (15a) in dash panel wiring harness
B472	Connection 8, in main wiring harness
*	with auxiliary drive (part time)
*2	with no auxiliary drive
*3	Only models with electronic stabilisation program (ESP)
*4	Only models with no ESP
*5	Wiring colour depends on equipment
*6	Only models with basic equipment
*7	Only models with Trendline equipment
*8	Only models with Highline equipment

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ro	=	red
rt	=	red
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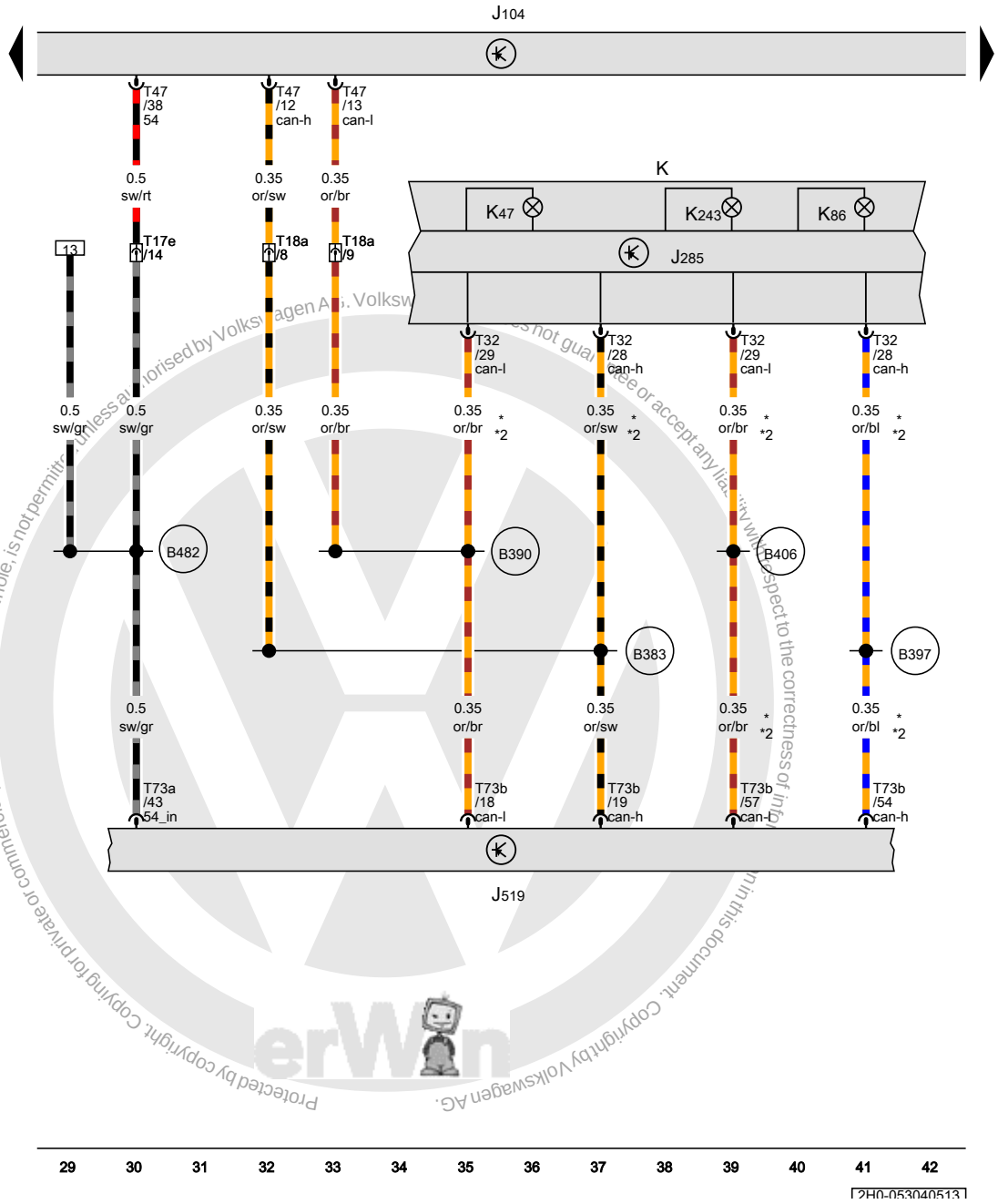

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ABS control unit, Onboard supply control unit, Dash panel insert, ABS warning lamp, Traction control system warning lamp, Driving program warning light

J104	ABS control unit
J285	Control unit in dash panel insert
J519	Onboard supply control unit
K	Dash panel insert
K47	ABS warning lamp
K86	Traction control system warning lamp
K243	Driving program warning light
T17e	17-pin connector, red, near handbrake lever
T18a	18-pin connector, grey, near engine control unit
T32	32-pin connector, blue
T47	47-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, colourless
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B482	Connection 18, in main wiring harness
*	According to equipment
*2	see applicable current flow diagram for CAN bus network

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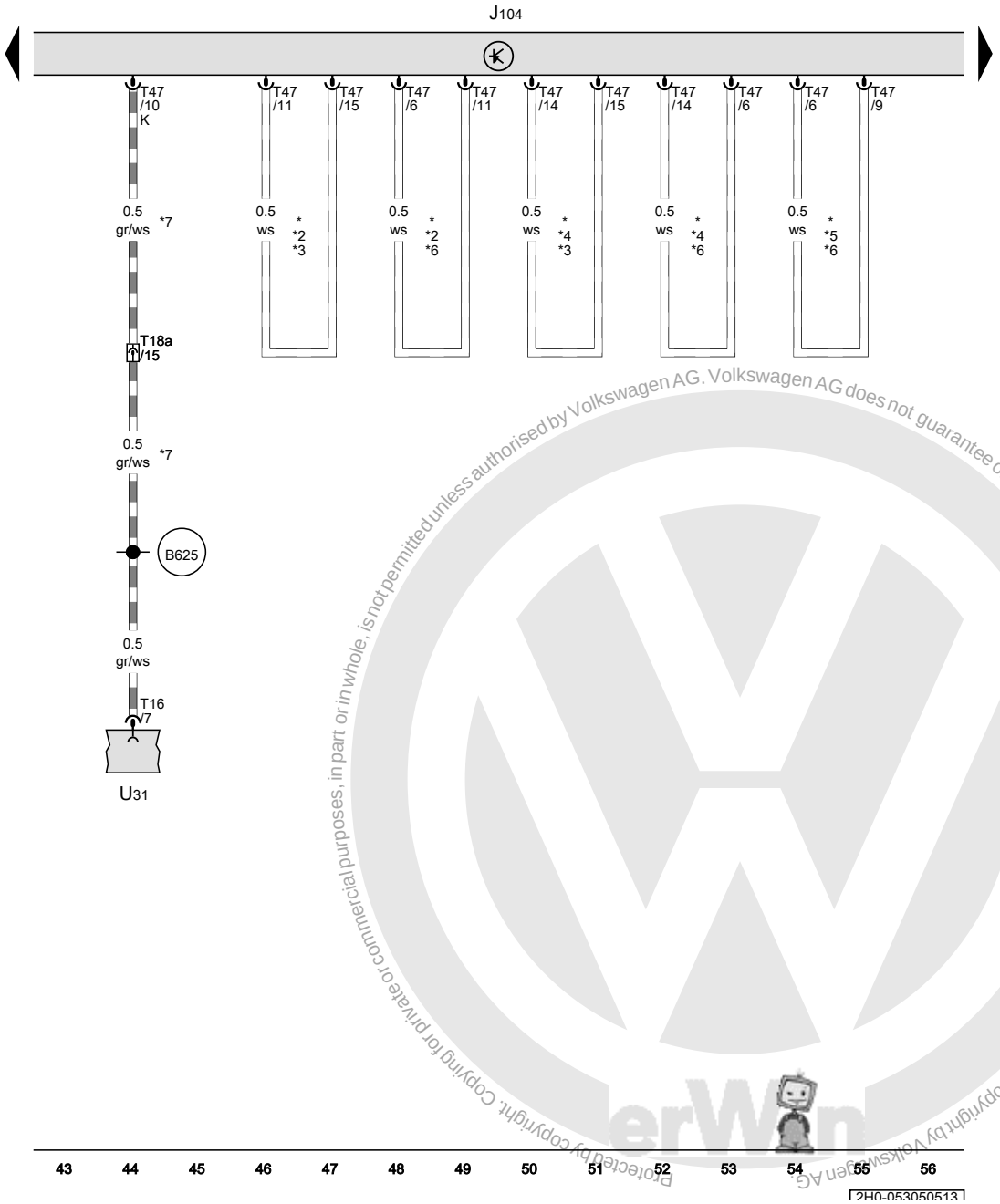

ABS control unit, Diagnostic connection

J104	ABS control unit
T16	16-pin connector, black
T18a	18-pin connector, grey, near engine control unit
T47	47-pin connector, black
U31	Diagnostic connection
B625	Connection (K-diagnosis wire), in main wiring harness
*	Only models with no ESP
*2	with no auxiliary drive
*3	Only models with single cab
*4	with auxiliary drive (part time)
*5	with auxiliary drive (Torsen)
*6	Only models with double cab
*7	Gradually discontinued

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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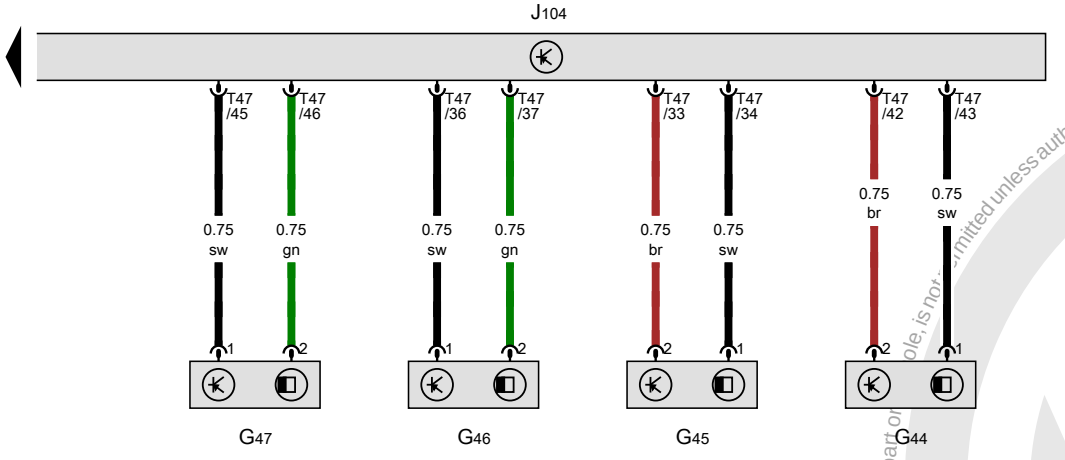
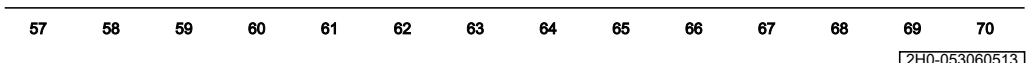
Rear right speed sensor, Front right speed sensor, Rear left speed sensor, Front left speed sensor, ABS control unit

G44	Rear right speed sensor
G45	Front right speed sensor
G46	Rear left speed sensor
G47	Front left speed sensor
J104	ABS control unit
T47	47-pin connector, black





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All-wheel drive

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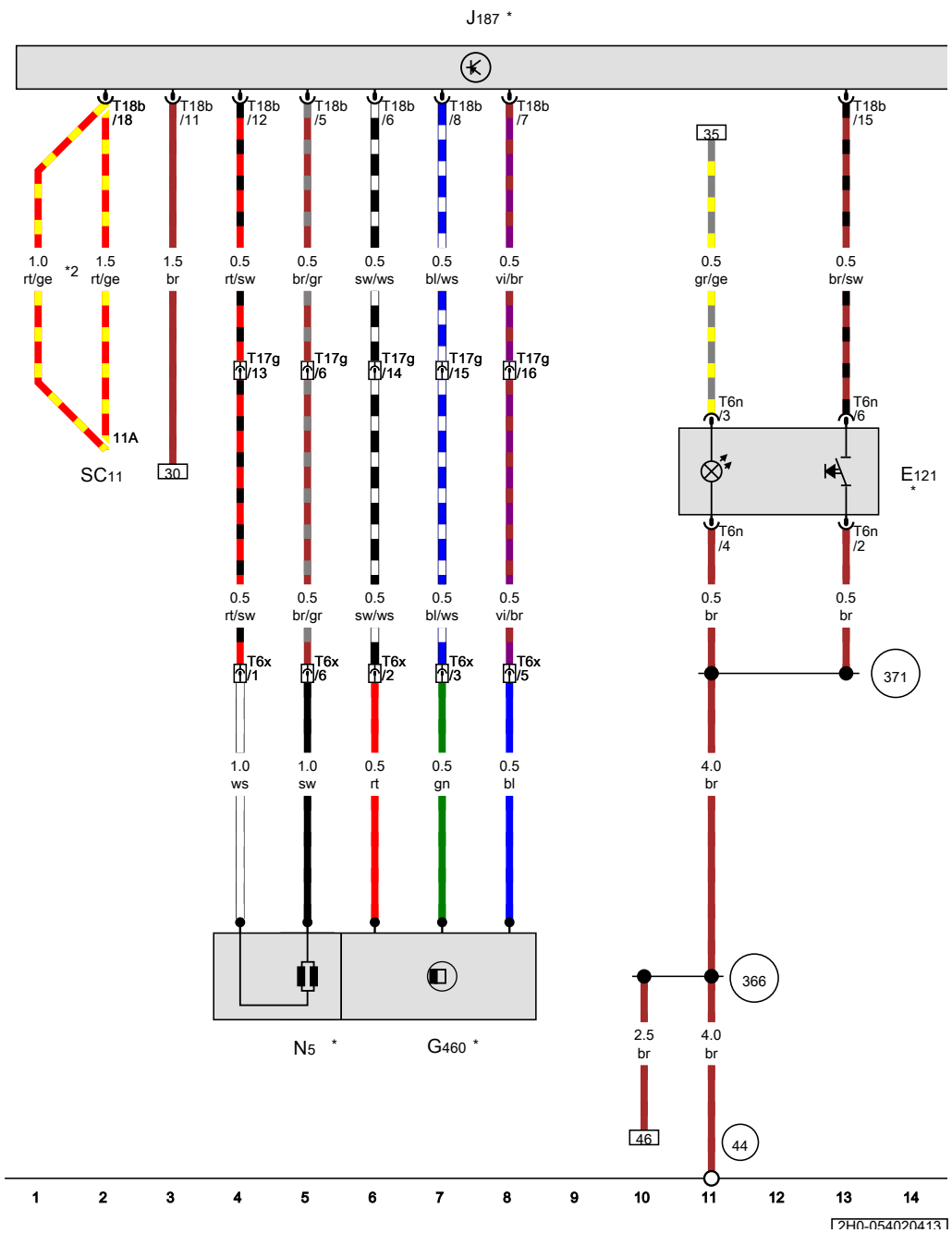

Rear differential lock switch, Axle differential lock Hall sender 1, Differential lock control unit, Control solenoid, Fuse 11 on fuse holder C

E121	Rear differential lock switch, in centre console
G460	Axle differential lock Hall sender 1, on rear axle, left
J187	Differential lock control unit, in centre console, near handbrake lever
N5	Control solenoid, on rear axle, left
SC11	Fuse 11 on fuse holder C
T6n	6-pin connector, brown
T6x	6-pin connector, on rear axle, left, black
T17g	17-pin connector, near handbrake lever, black
T18b	18-pin connector, black
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
371	Earth connection 6, in main wiring harness
*	Only models with rear differential lock
*2	From February 2013

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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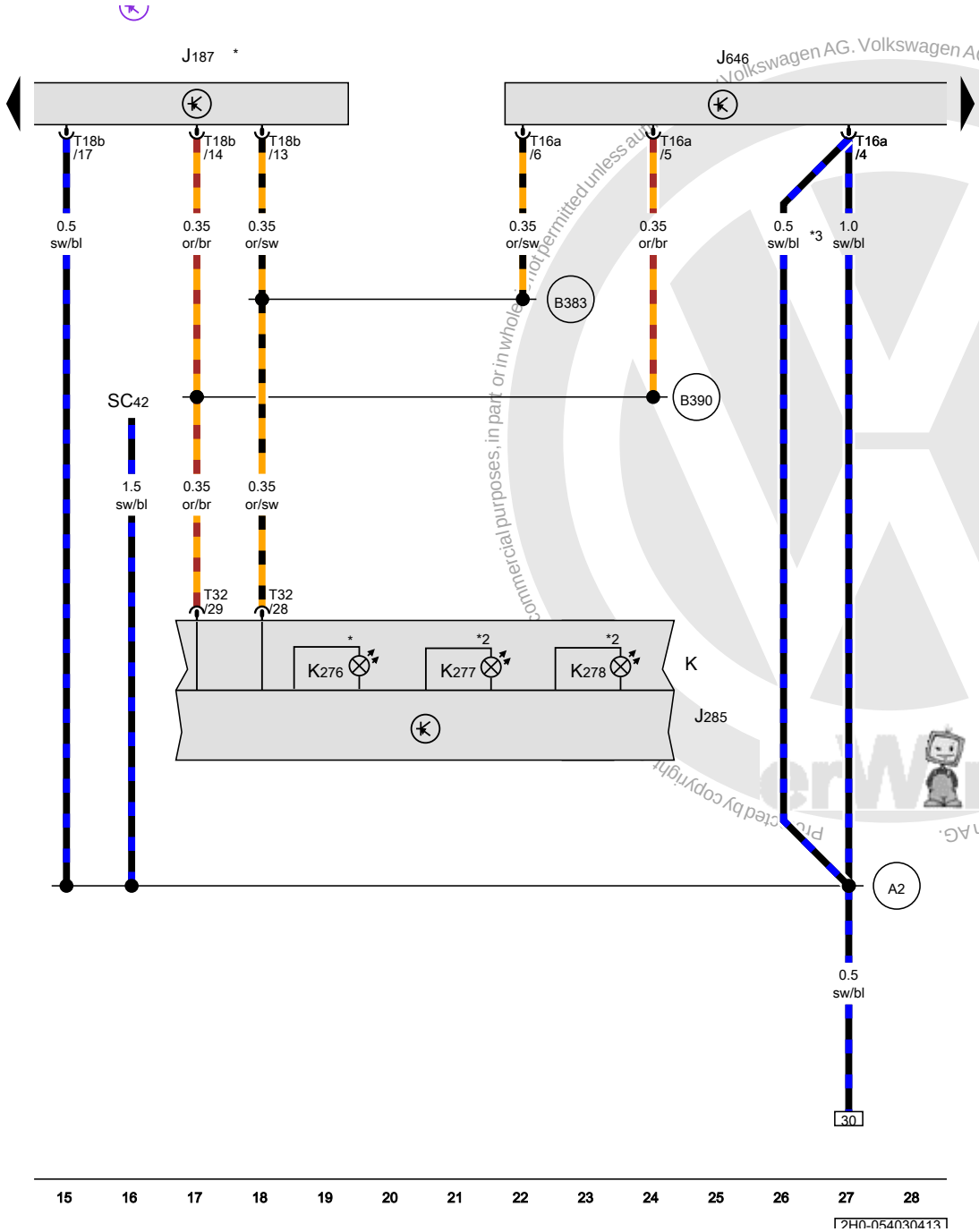

Differential lock control unit, Control unit in dash panel insert, Transfer box control unit, Rear axle differential lock warning lamp, Inter-axle lock-up warning lamp, Fuse 42 on fuse holder C

J187	Differential lock control unit, in centre console, near handbrake lever
J285	Control unit in dash panel insert
J646	Transfer box control unit
K	Dash panel insert
K276	Rear axle differential lock warning lamp
K277	Reduction gearing warning lamp
K278	Inter-axle lock-up warning lamp
SC42	Fuse 42 on fuse holder C
T16a	16-pin connector, brown
T18b	18-pin connector, black
T32	32-pin connector, blue
A2	Positive connection (15), in dash panel wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	Only models with rear differential lock
*2	Only models with all-wheel drive
*3	From February 2013

ws	=	white
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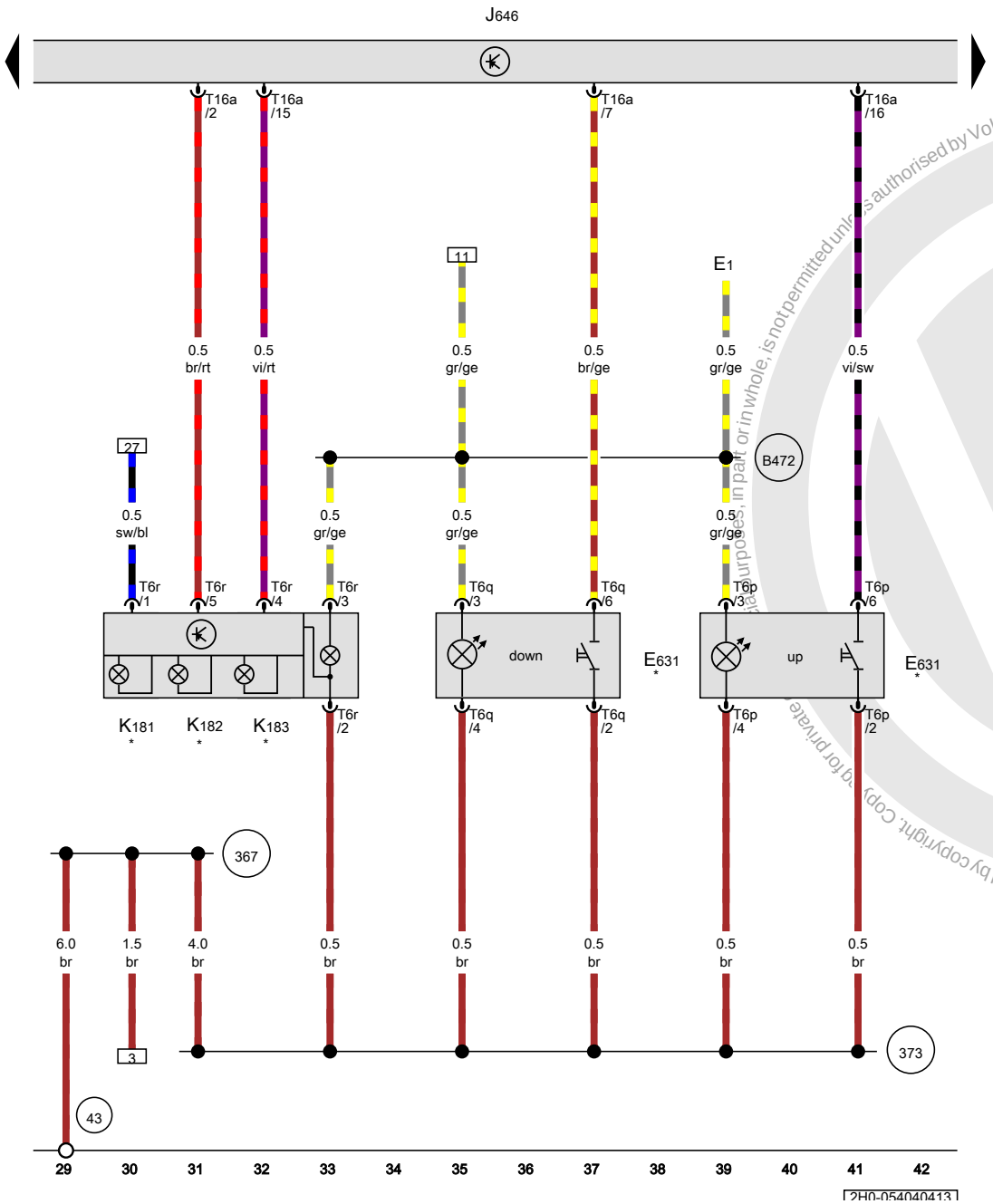

Running gear program switch, Transfer box control unit, Normal operation warning lamp in transfer box operating unit, Reduction gearing warning lamp in transfer box operating unit, Inter-axle lock-up warning lamp in transfer box operating unit

E1	Light switch
E631	Running gear program switch, in centre console
J646	Transfer box control unit
K181	Normal operation warning lamp in transfer box operating unit
K182	Reduction gearing warning lamp in transfer box operating unit, in centre console
K183	Inter-axle lock-up warning lamp in transfer box operating unit
T6p	6-pin connector, black
T6q	6-pin connector, black
T6r	6-pin connector, brown
T16a	16-pin connector, brown
43	Earth point, lower part of right A-pillar
367	Earth connection 2, in main wiring harness
373	Earth connection 8, in main wiring harness
B472	Connection 8, in main wiring harness
*	Only models with all-wheel drive

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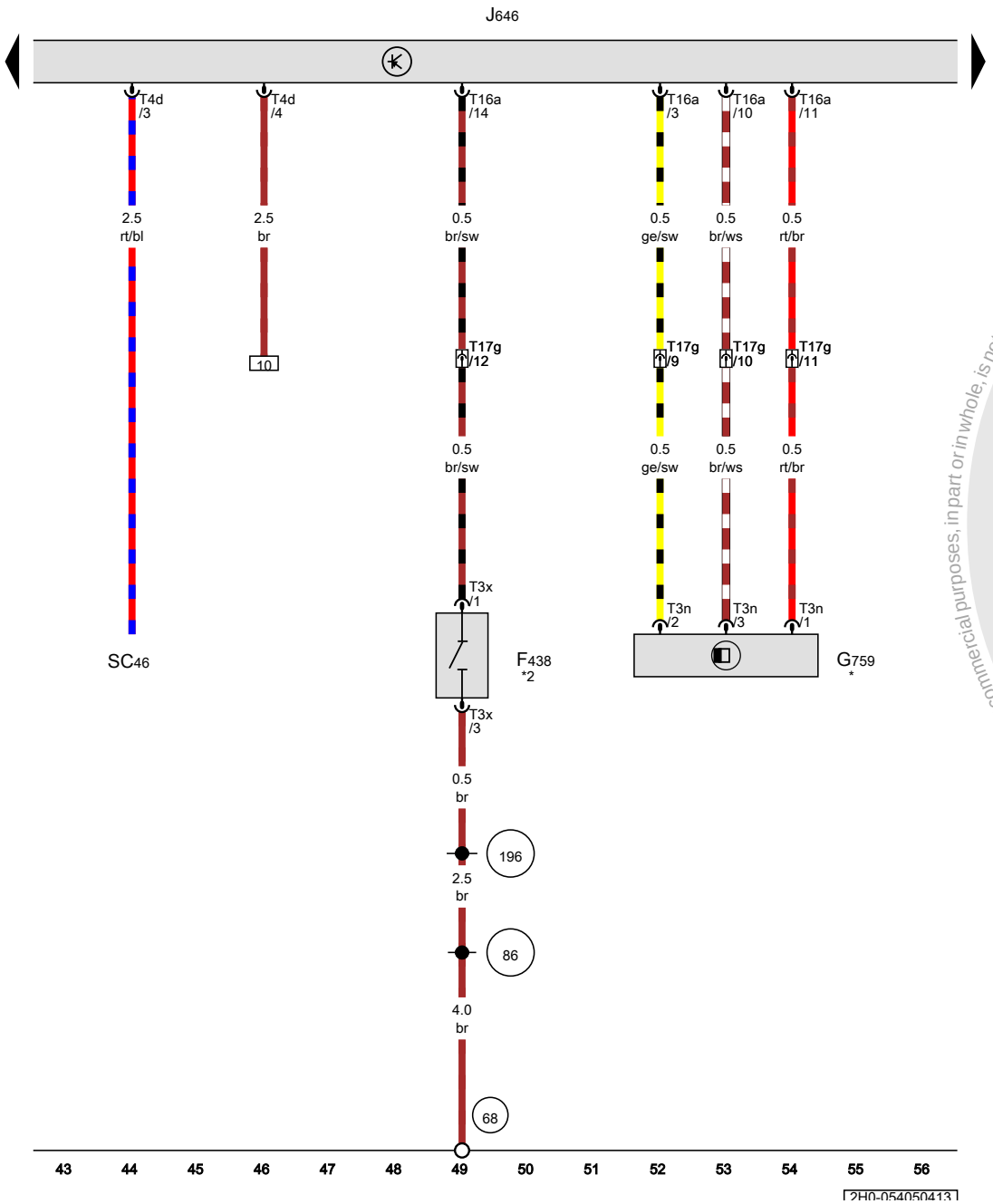

Transfer box inter-axle lock-up switch, Hall sender for transfer box, Transfer box control unit, Fuse 46 on fuse holder C

F438	Transfer box inter-axle lock-up switch
G759	Hall sender for transfer box, on gearbox
J646	Transfer box control unit
SC46	Fuse 46 on fuse holder C
T3n	3-pin connector, black
T3x	3-pin connector, black
T4d	4-pin connector, brown
T16a	16-pin connector, brown
T17g	17-pin connector, near handbrake lever, black
68	Earth point, on left of rear cross member
86	Earth connection 1, in rear wiring harness
196	Earth connection 3, in rear wiring harness
*	with auxiliary drive (part time)
*2	Only models with all-wheel drive

ws	=	white
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ro	=	red
rt	=	red
br	=	brown
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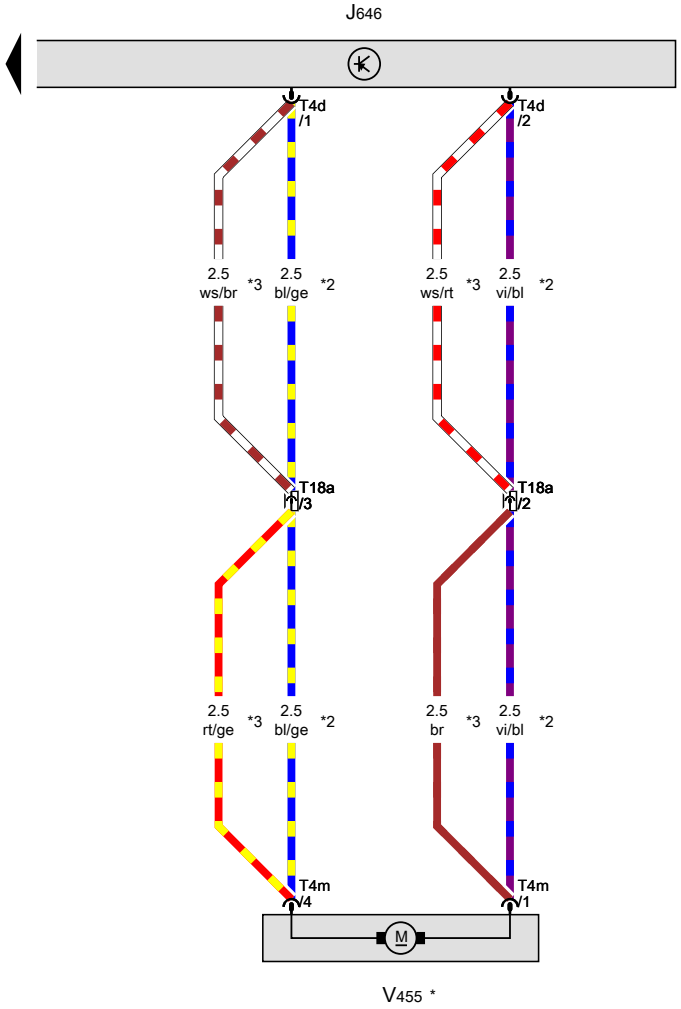

Transfer box control unit, Transfer box control motor

J646	Transfer box control unit
T4d	4-pin connector, brown
T4m	4-pin connector, black
T18a	18-pin connector, near engine control unit, grey
V455	Transfer box control motor, on gearbox
*	with auxiliary drive (part time)
*2	Up to January 2013
*3	From February 2013

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vi	=	purple
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Auxiliary coolant heater, supplementary heater, supplementary heater which can be operated independently , (9M5),(7VL), (7VE)

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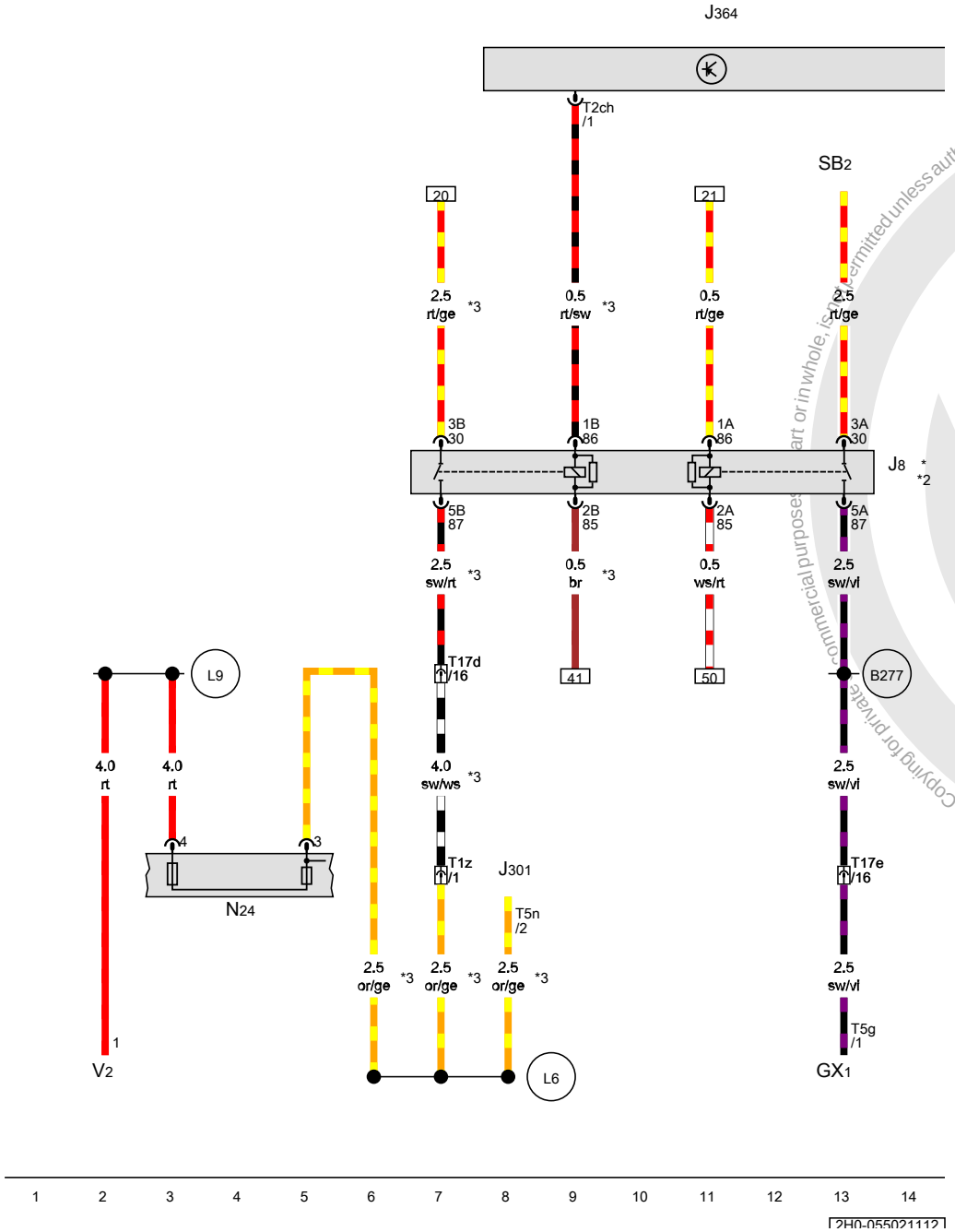

Auxiliary heater relay, Auxiliary heater control unit

GX1	Fuel delivery unit
J8	Auxiliary heater relay
J301	Air conditioning system control unit
J364	Auxiliary heater control unit
N24	Fresh air blower series resistor with overheating fuse
SB2	Fuse 2 on fuse holder B
T1z	Single connector, black
T2ch	2-pin connector, black
T5g	5-pin connector, black
T5n	5-pin connector
T17d	17-pin connector, on left under dash panel, red
T17e	17-pin connector, near handbrake lever, red
V2	Fresh air blower
B277	Positive connection 1 (15a) in main wiring harness
L6	Connection 2, in evaporator housing unit wiring harness
L9	Connection 1, in air conditioning system wiring harness
*	Only models with diesel engine
*2	Only models with auxiliary coolant heater
*3	Only models with Climatic

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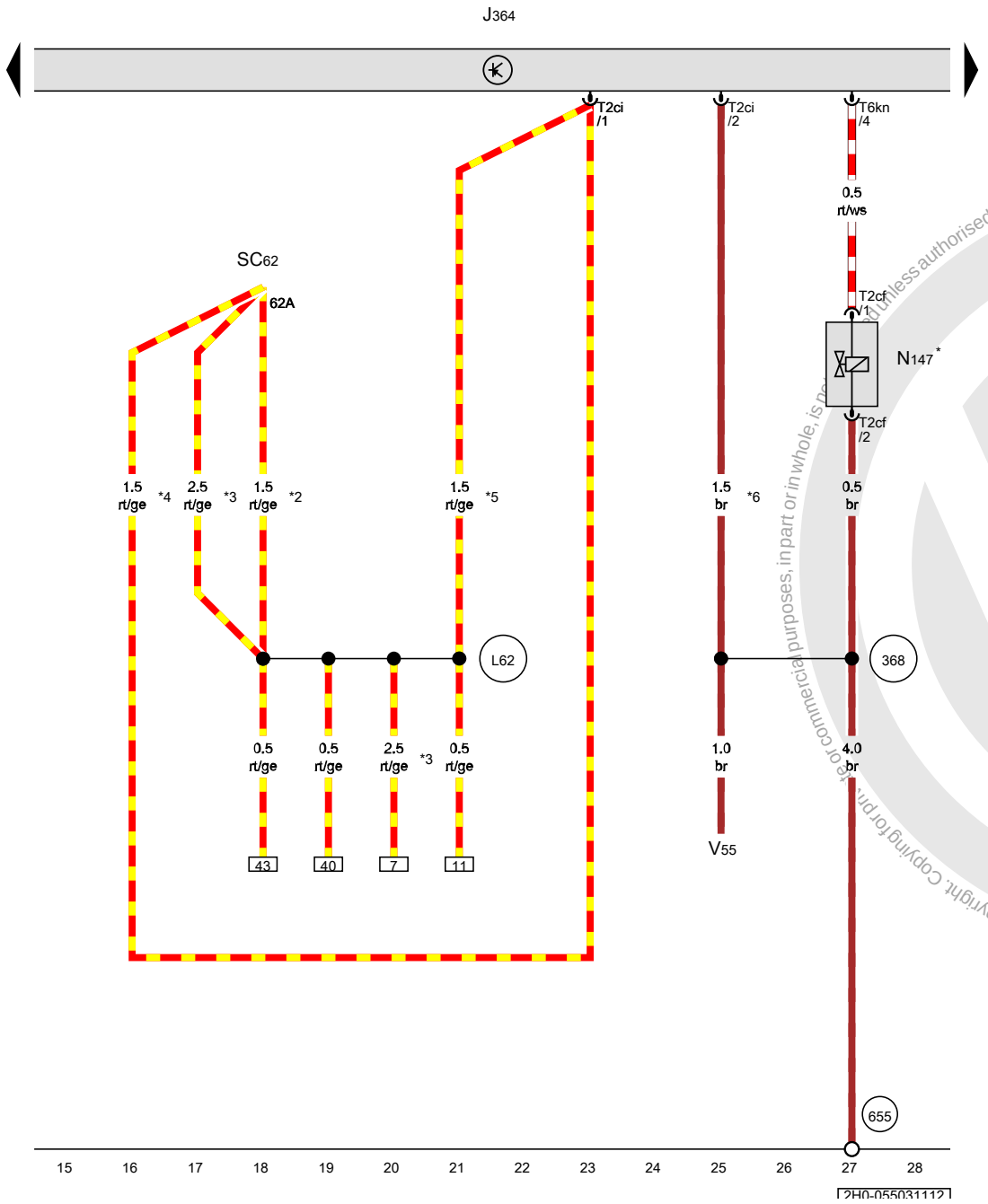

Auxiliary heater control unit, 2-way valve for coolant shut-off valve, Circulation pump

J364	Auxiliary heater control unit
N147	2-way valve for coolant shut-off valve, front left in engine compartment
SC62	Fuse 62 on fuse holder C
T2cf	2-pin connector, black
T2ci	2-pin connector
T6kn	6-pin connector, black
V55	Circulation pump
368	Earth connection 3, in main wiring harness
655	Earth point, on left headlight
L62	Positive connection (30a), in auxiliary heater wiring harness
*	Only models with auxiliary coolant heater
*2	Only models with Climatronic
*3	Only models with Climatic
*4	Only models with no air conditioning system/Climatronic
*5	Only models with air conditioning system/ Climatronic
*6	see applicable current flow diagram for air conditioning

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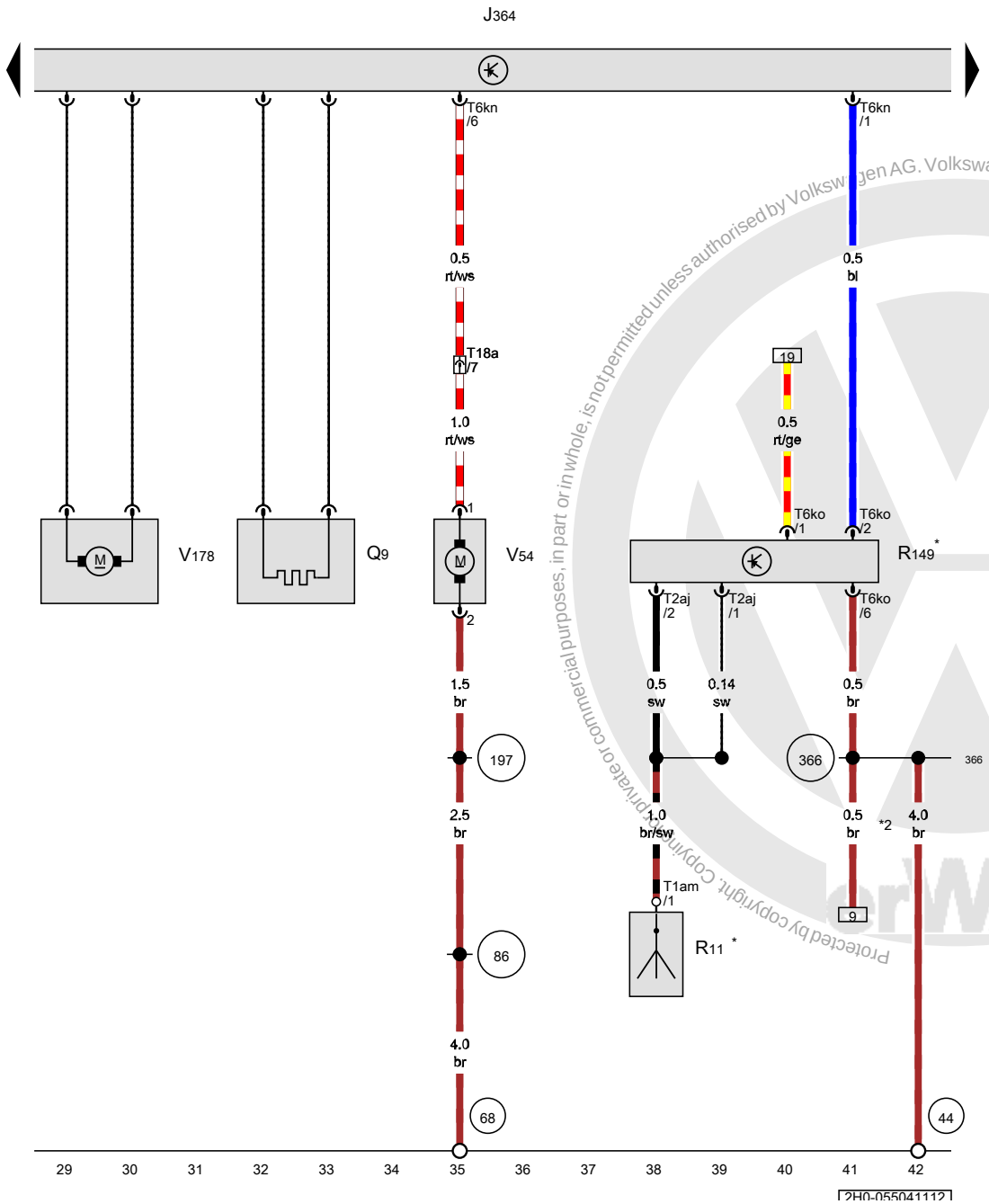

Auxiliary heater control unit, Glow plug for heater, Remote control receiver for auxiliary coolant heater, Metering pump

J364	Auxiliary heater control unit
Q9	Glow plug for heater
R11	Aerial
R149	Remote control receiver for auxiliary coolant heater, near lower part of right A-pillar
T1am	Single connector
T2aj	2-pin connector, light brown
T6kn	6-pin connector, black
T6ko	6-pin connector, blue
T18a	18-pin connector, grey
V54	Metering pump
V178	Coolant circulation pump 2
44	Earth point, lower part of left A-pillar
68	Earth point, on left of rear cross member
86	Earth connection 1, in rear wiring harness
197	Earth connection 4, in rear wiring harness
366	Earth connection 1, in main wiring harness
*	Only models with remote controlled auxiliary coolant heater
*2	Only models with Climatic

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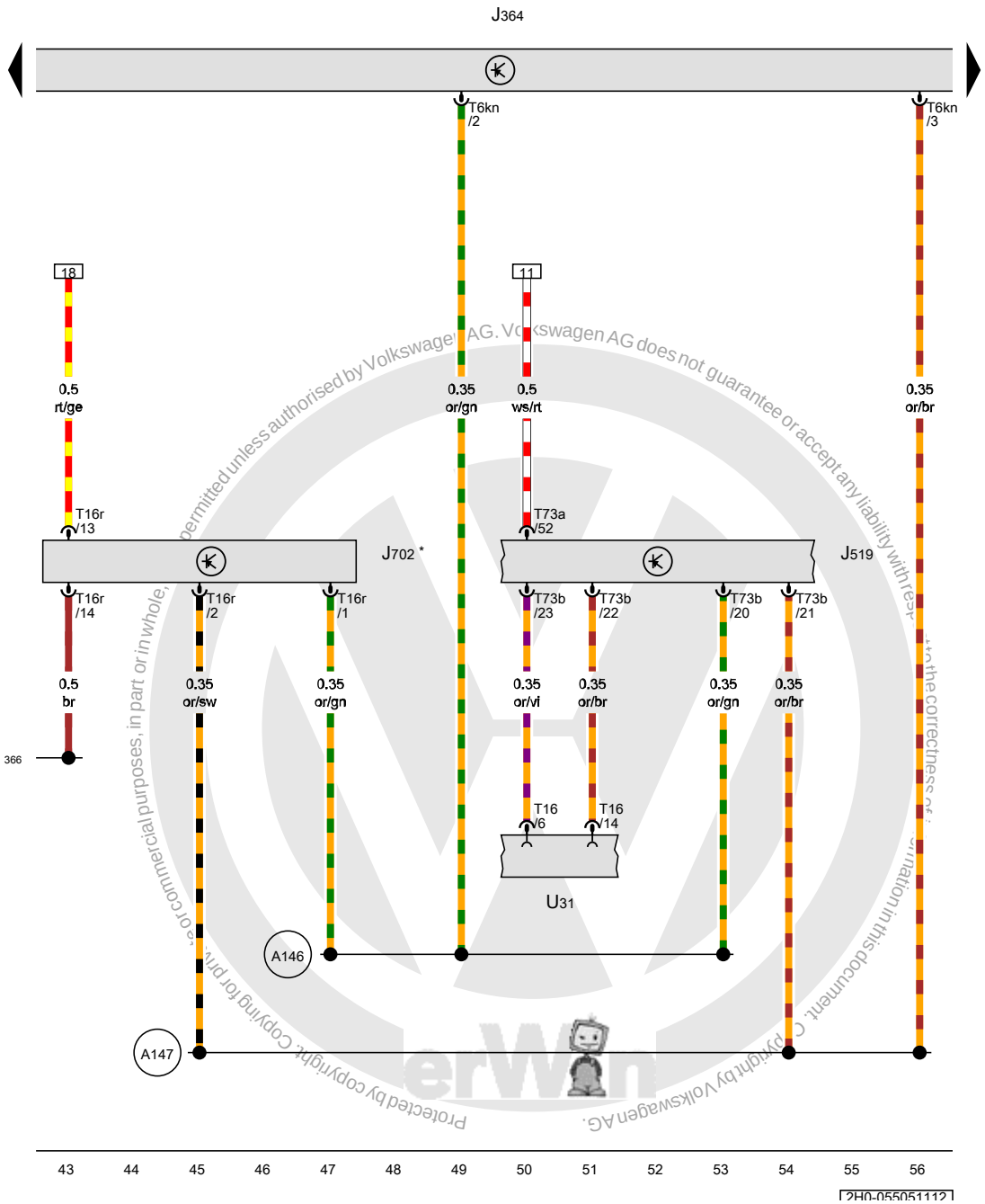

Auxiliary heater control unit, Onboard supply control unit, Roof display unit

J364	Auxiliary heater control unit
J519	Onboard supply control unit
J702	Roof display unit, near interior mirror
T6kn	6-pin connector, black
T16	16-pin connector, black
T16r	16-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, colourless
U31	Diagnostic connection
366	Earth connection 1, in main wiring harness
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
*	Only models with auxiliary coolant heater

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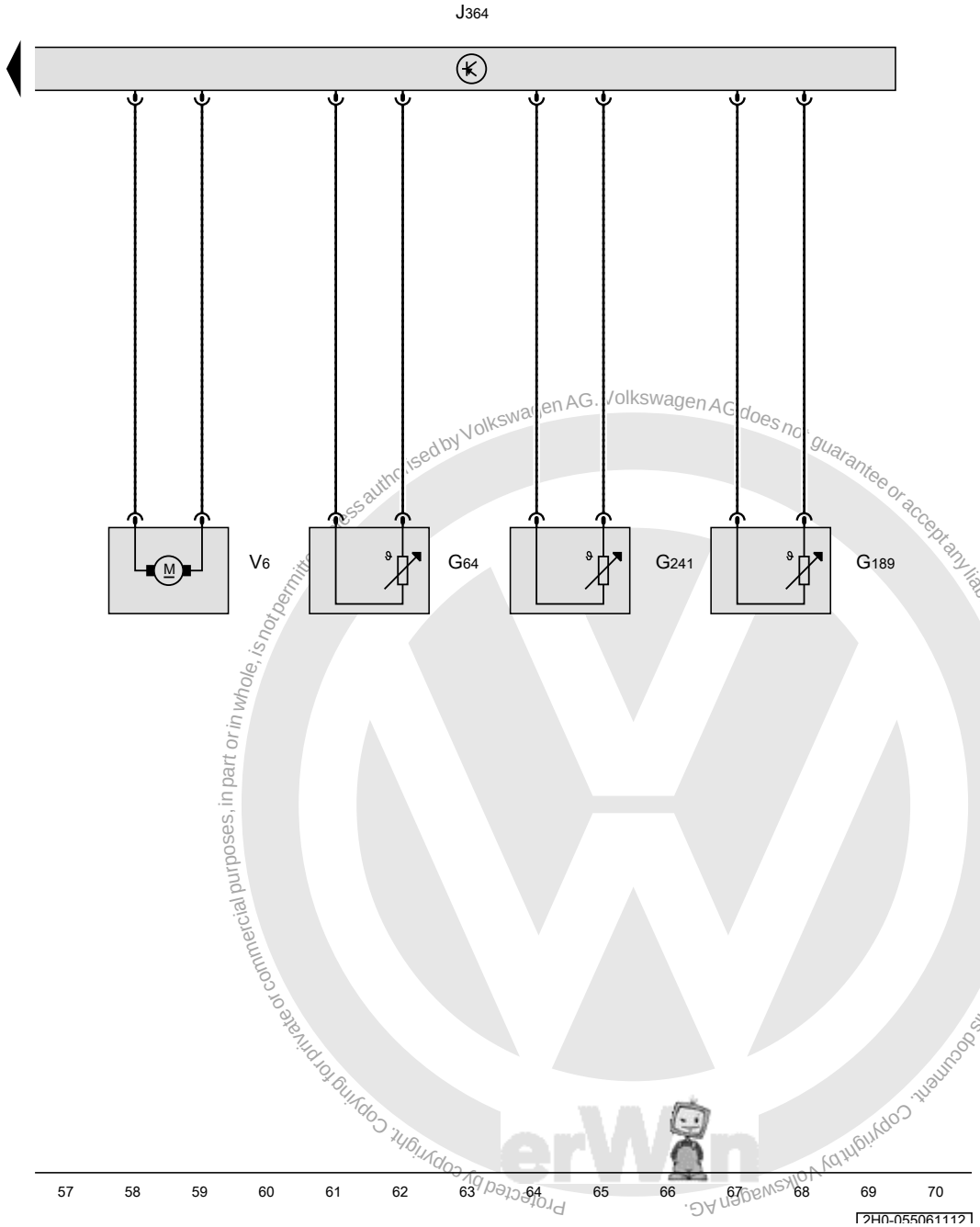
Flame monitor, Overheating sensor, Coolant temperature sender for heater, Auxiliary heater control unit, Combustion air blower

G64	Flame monitor
G189	Overheating sensor
G241	Coolant temperature sender for heater
J364	Auxiliary heater control unit
V6	Combustion air blower



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Central locking, window regulators and mirror adjustment

From June 2012

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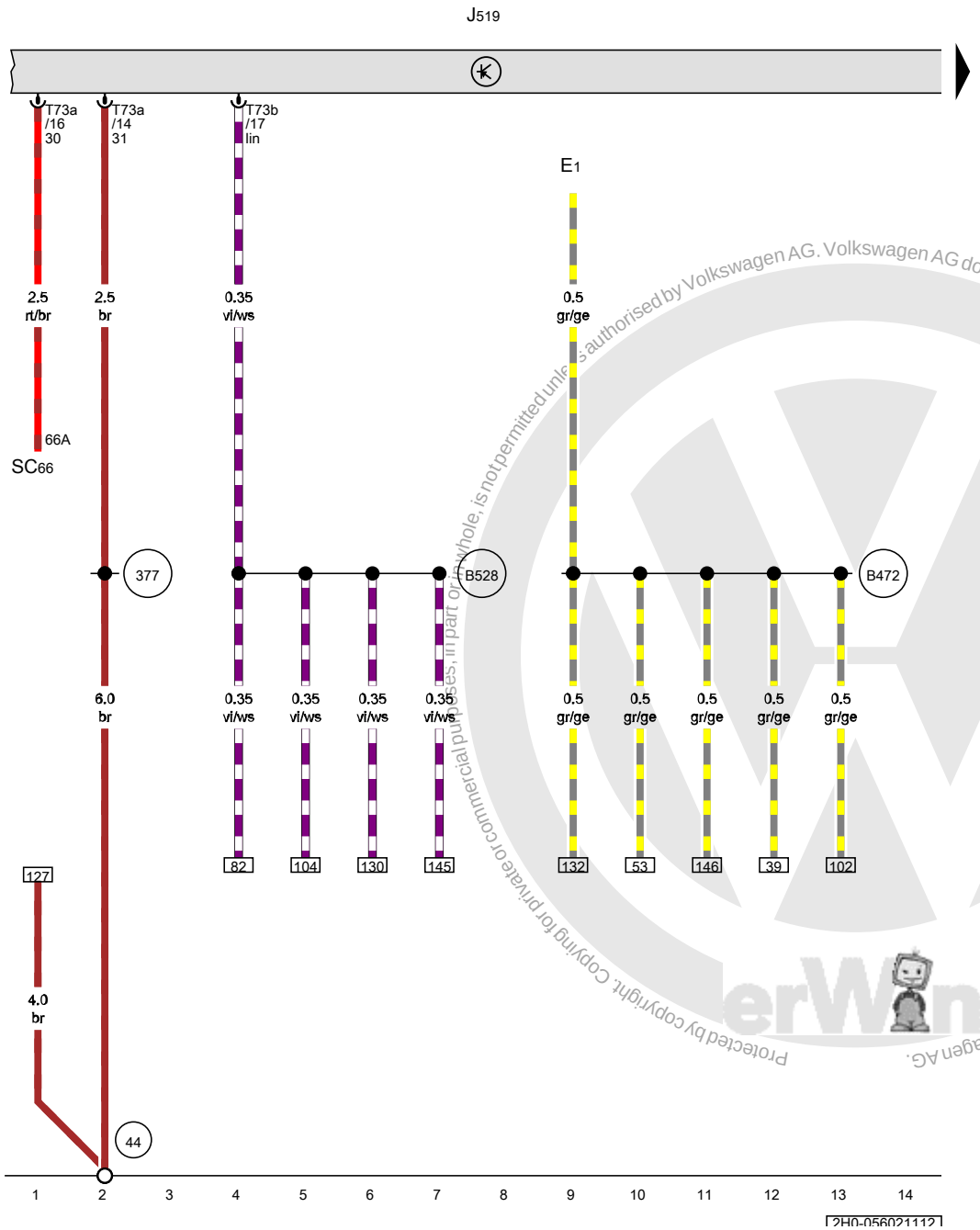

Light switch, Onboard supply control unit

E1	Light switch
J519	Onboard supply control unit, near driver side A-pillar
SC66	Fuse 66 on fuse holder C
T73a	73-pin connector, black
T73b	73-pin connector
44	Earth point, lower part of left A-pillar
377	Earth connection 12, in main wiring harness
B472	Connection 8, in main wiring harness
B528	Connection 1 (LIN bus) in main wiring harness

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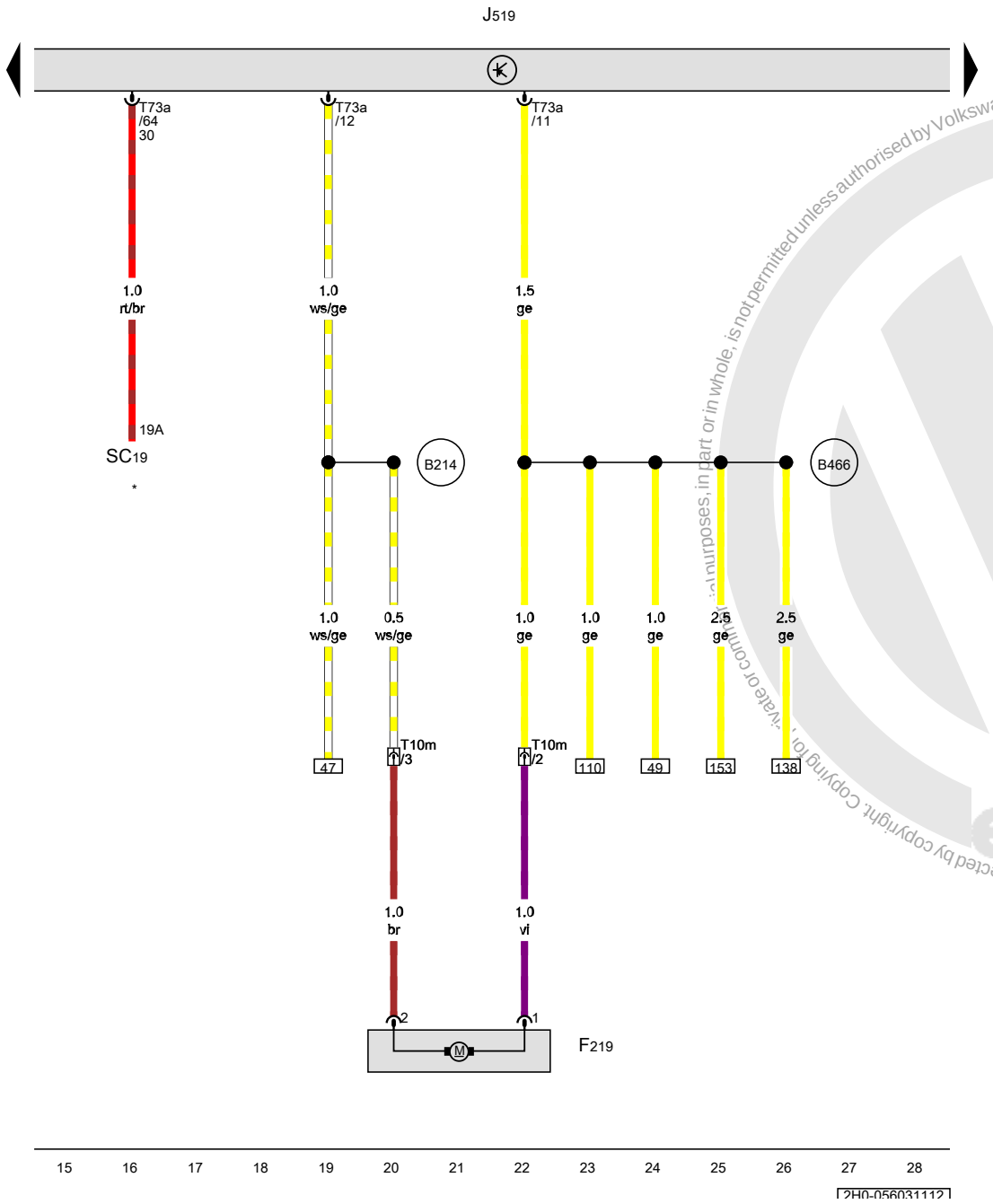
Fuel tank filler flap central locking actuator, Onboard supply control unit, Fuel 19 on fuse holder C

F219	Fuel tank filler flap central locking actuator
J519	Onboard supply control unit, near driver side A-pillar
SC19	Fuse 19 on fuse holder C
T10m	10-pin connector, near handbrake lever, brown
T73a	73-pin connector, black
B214	Connection 1 (central locking), in interior wiring harness
B466	Connection 2, in main wiring harness
*	Only models with heated exterior mirrors



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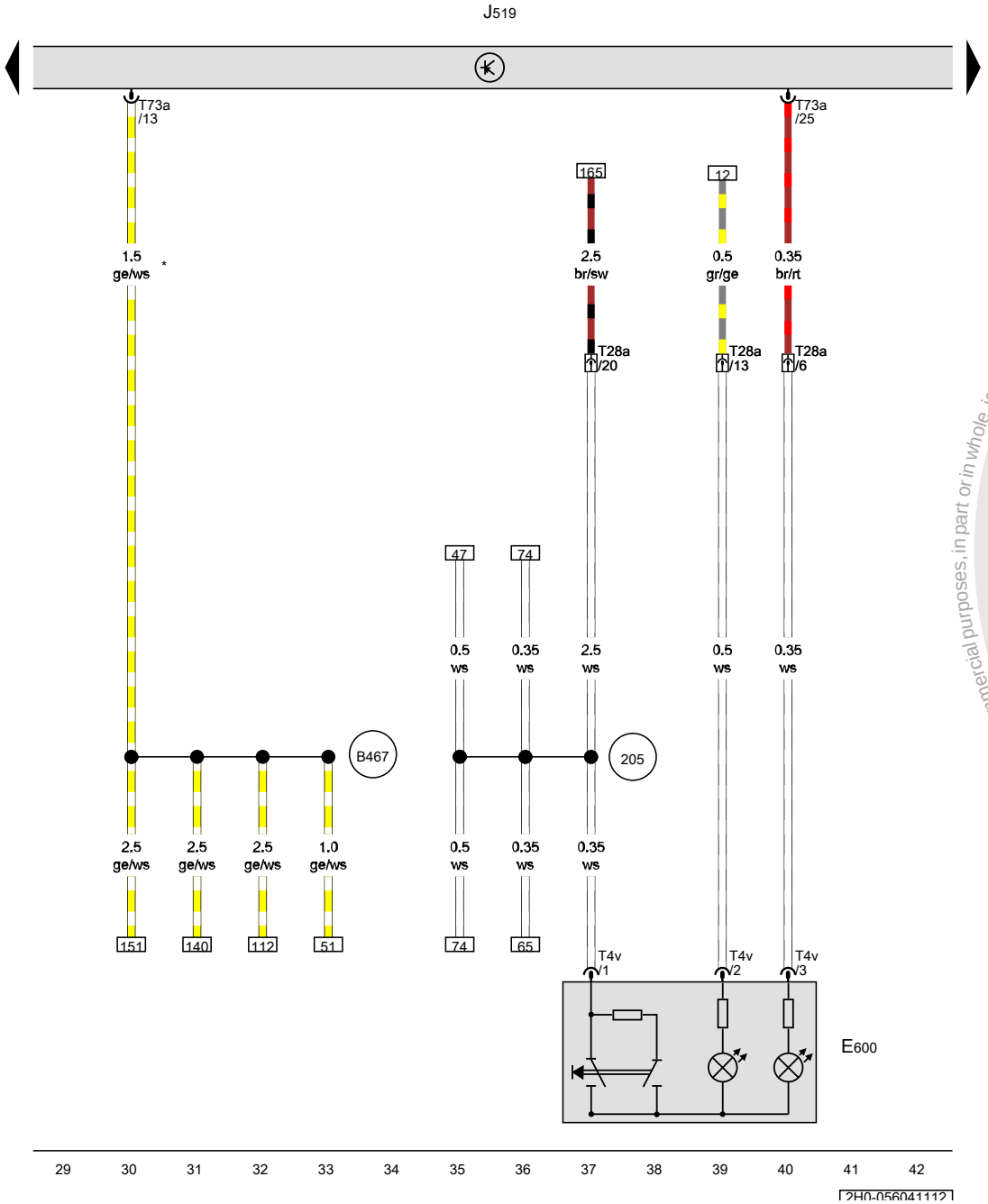

Central locking button, Onboard supply control unit

E600	Central locking button, in driver door
J519	Onboard supply control unit, near driver side A-pillar
T4v	4-pin connector, black
T28a	28-pin connector, on left A-pillar
T73a	73-pin connector, black
205	Earth connection, in driver door wiring harness
B467	Connection 3, in main wiring harness
*	Only models with double cab

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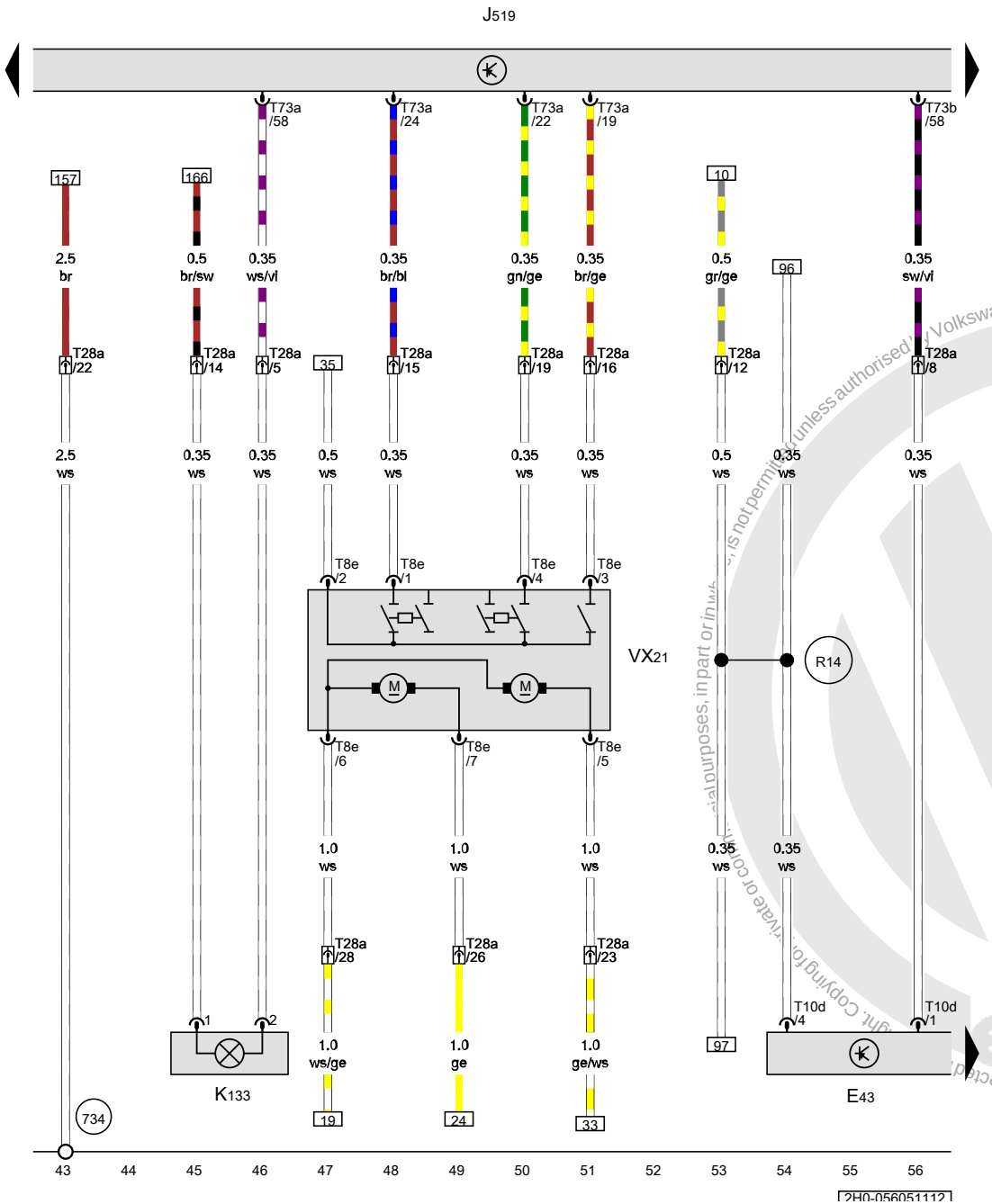

Mirror adjustment switch, Onboard supply control unit, Central locking SAFELOCK function warning lamp, Driver door lock unit

E43	Mirror adjustment switch, in driver door
J519	Onboard supply control unit, near driver side A-pillar
K133	Central locking SAFELOCK function warning lamp
T8e	8-pin connector, black
T10d	10-pin connector, black
T28a	28-pin connector, on left A-pillar
T73a	73-pin connector, black
T73b	73-pin connector
VX21	Driver door lock unit
734	Earth point in front left door
R14	Connection 1 (open), in driver door wiring harness

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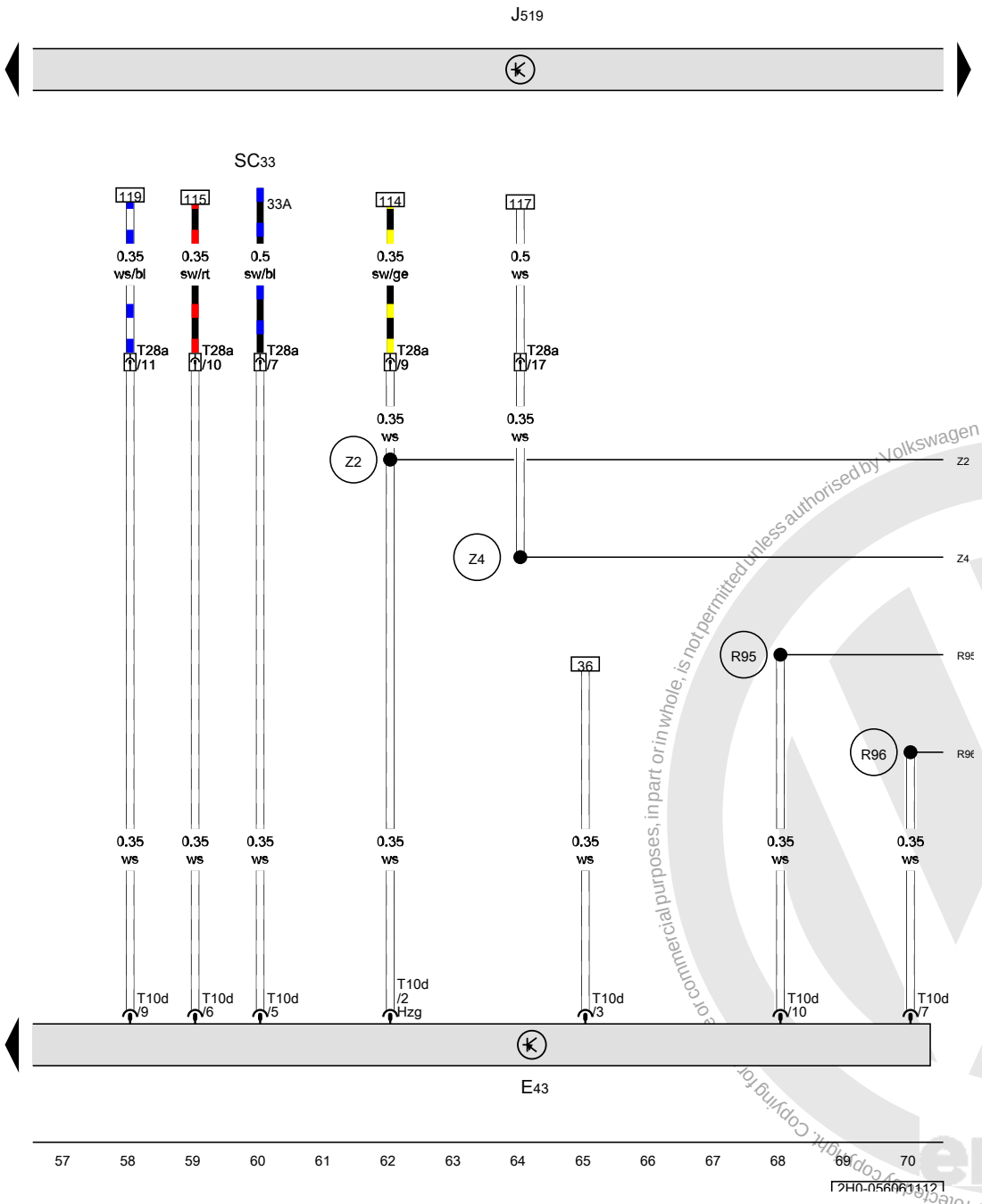

Mirror adjustment switch, Onboard supply control unit, Fuse 33 on fuse holder C

E43	Mirror adjustment switch, in driver door
J519	Onboard supply control unit, near driver side A-pillar
SC33	Fuse 33 on fuse holder C
T10d	10-pin connector, black
T28a	28-pin connector, on left A-pillar
R95	Connection 2 in driver side door wiring harness
R96	Connection 3 in driver side door wiring harness
Z2	Connection 2, in mirror adjustment/heating wiring harness
Z4	Positive connection (15a), in mirror adjustment/heating wiring harness

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sw	=	black
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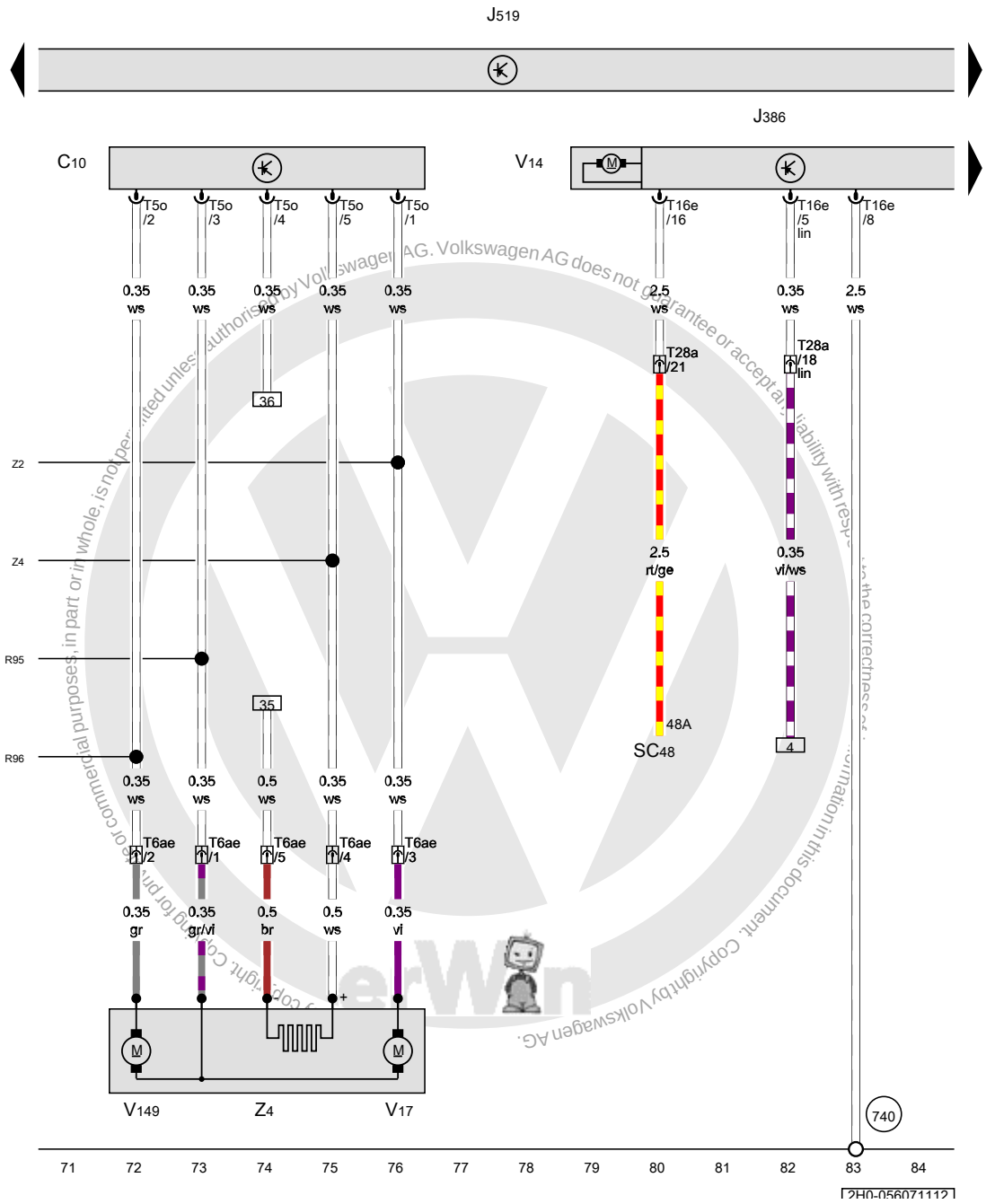

Suppression filter, Driver door control unit, Onboard supply control unit, Fuse 48 on fuse holder C, Left window regulator motor, Heated exterior mirror on driver side

C10	Suppression filter, in left door
J386	Driver door control unit
J519	Onboard supply control unit, near driver side A-pillar
SC48	Fuse 48 on fuse holder C
T5o	5-pin connector
T6ae	6-pin connector, in left door, near exterior mirror, blue
T16e	16-pin connector
T28a	28-pin connector
V14	Left window regulator motor
V17	Driver side mirror adjustment motor
V149	Driver side mirror adjustment motor
Z4	Heated exterior mirror on driver side
740	Earth point 2 in front left door
R95	Connection 2 in driver side door wiring harness
R96	Connection 3 in driver side door wiring harness
Z2	Connection 2, in mirror adjustment/heating wiring harness
Z4	Positive connection (15a), in mirror adjustment/heating wiring harness

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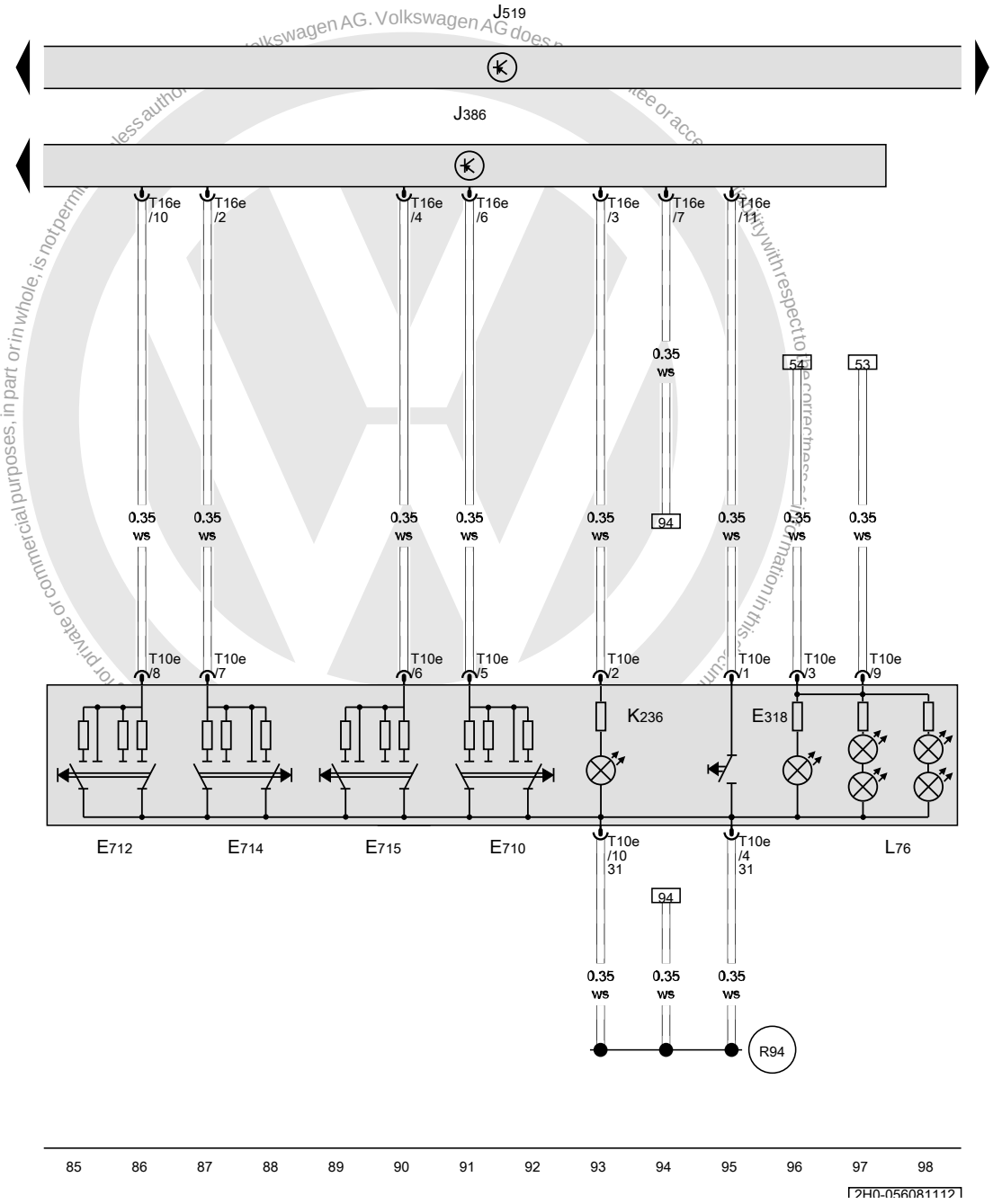

Childproof lock button, Front driver side window regulator button, Rear driver side window regulator button, in driver door, Driver door control unit, Onboard supply control unit

E318	Childproof lock button
E710	Front driver side window regulator button
E712	Rear driver side window regulator button, in driver door
E714	Rear passenger side window regulator button, in driver door
E715	Front passenger side window regulator button, in driver door
J386	Driver door control unit
J519	Onboard supply control unit, near driver side A-pillar
K236	Warning light for activated childproof lock
L76	Button illumination bulb
T10e	10-pin connector
T16e	16-pin connector, black
R94	Connection 1 in driver side door wiring harness

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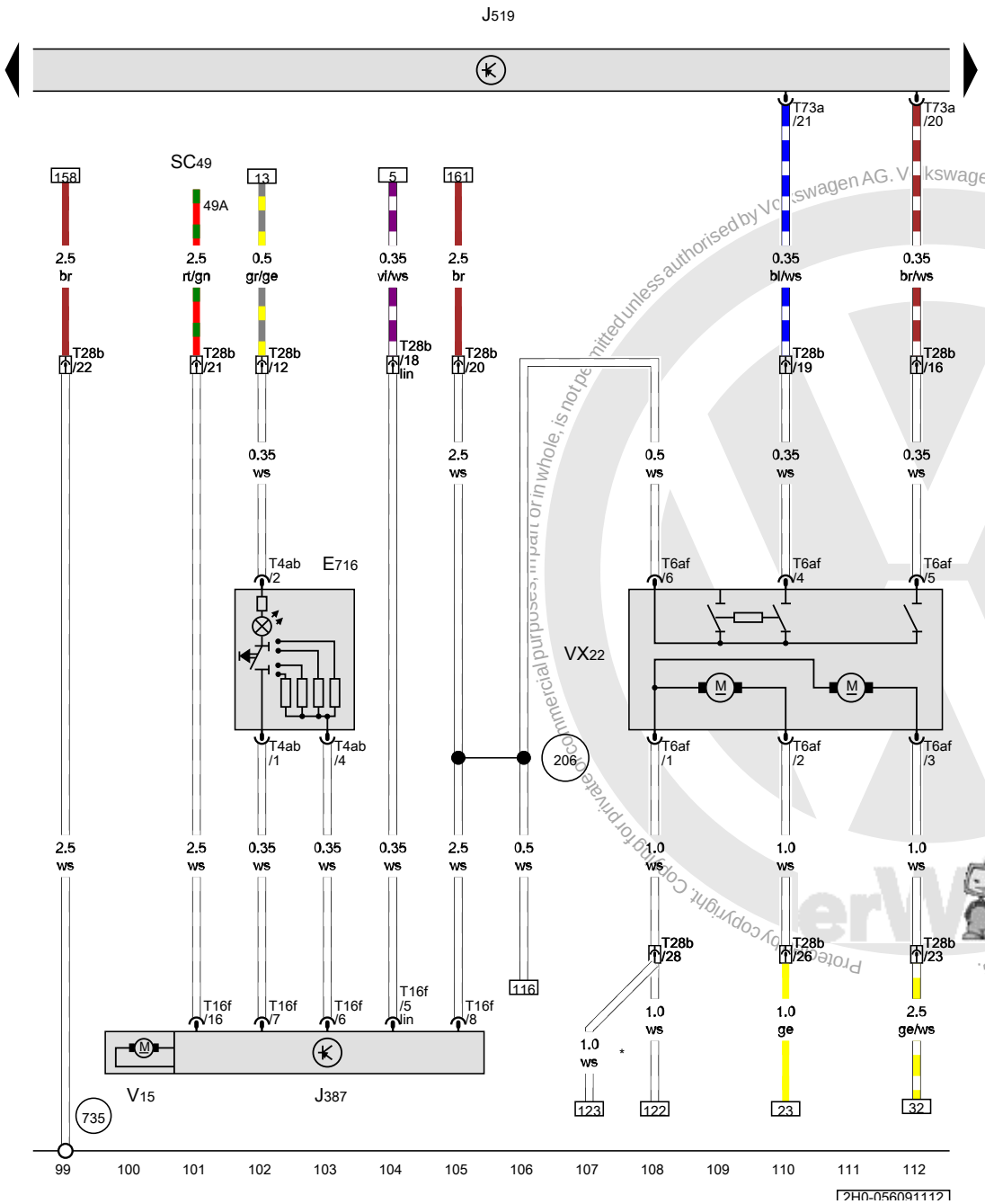

Front passenger side window regulator button, Front passenger door control unit, Onboard supply control unit, Fuse 49 on fuse holder C, Right window regulator motor, Front passenger door lock unit

E716	Front passenger side window regulator button
J387	Front passenger door control unit
J519	Onboard supply control unit, near driver side A-pillar
SC49	Fuse 49 on fuse holder C
T4ab	4-pin connector
T6af	6-pin connector
T16f	16-pin connector
T28b	28-pin connector, on right A-pillar
T73a	73-pin connector, black
V15	Right window regulator motor
VX22	Front passenger door lock unit
206	Earth connection, in front passenger door wiring harness
735	Earth point in front right door
*	Only models with single cab

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sw	=	black
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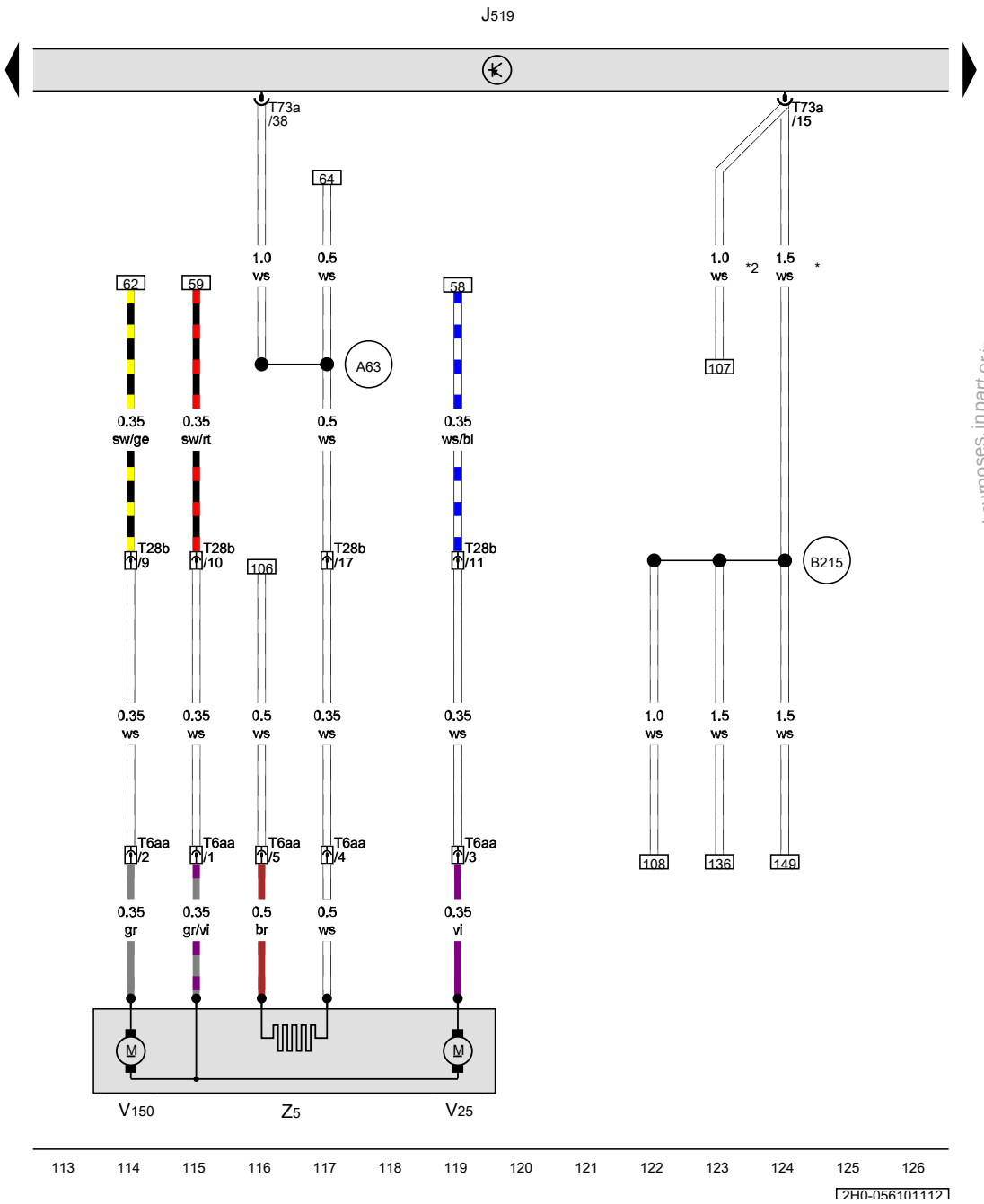

Onboard supply control unit, Heated exterior mirror on front passenger side

J519	Onboard supply control unit, near driver side A-pillar
T6aa	6-pin connector, in right door, near exterior mirror, blue
T28b	28-pin connector, on right A-pillar
T73a	73-pin connector, black
V25	Front passenger side mirror adjustment motor
V150	Front passenger side mirror adjustment motor
Z5	Heated exterior mirror on front passenger side
A63	Connection (mirror adjustment/heating), in dash panel wiring harness
B215	Connection 2 (central locking), in interior wiring harness
*	Only models with double cab
*2	Only models with single cab

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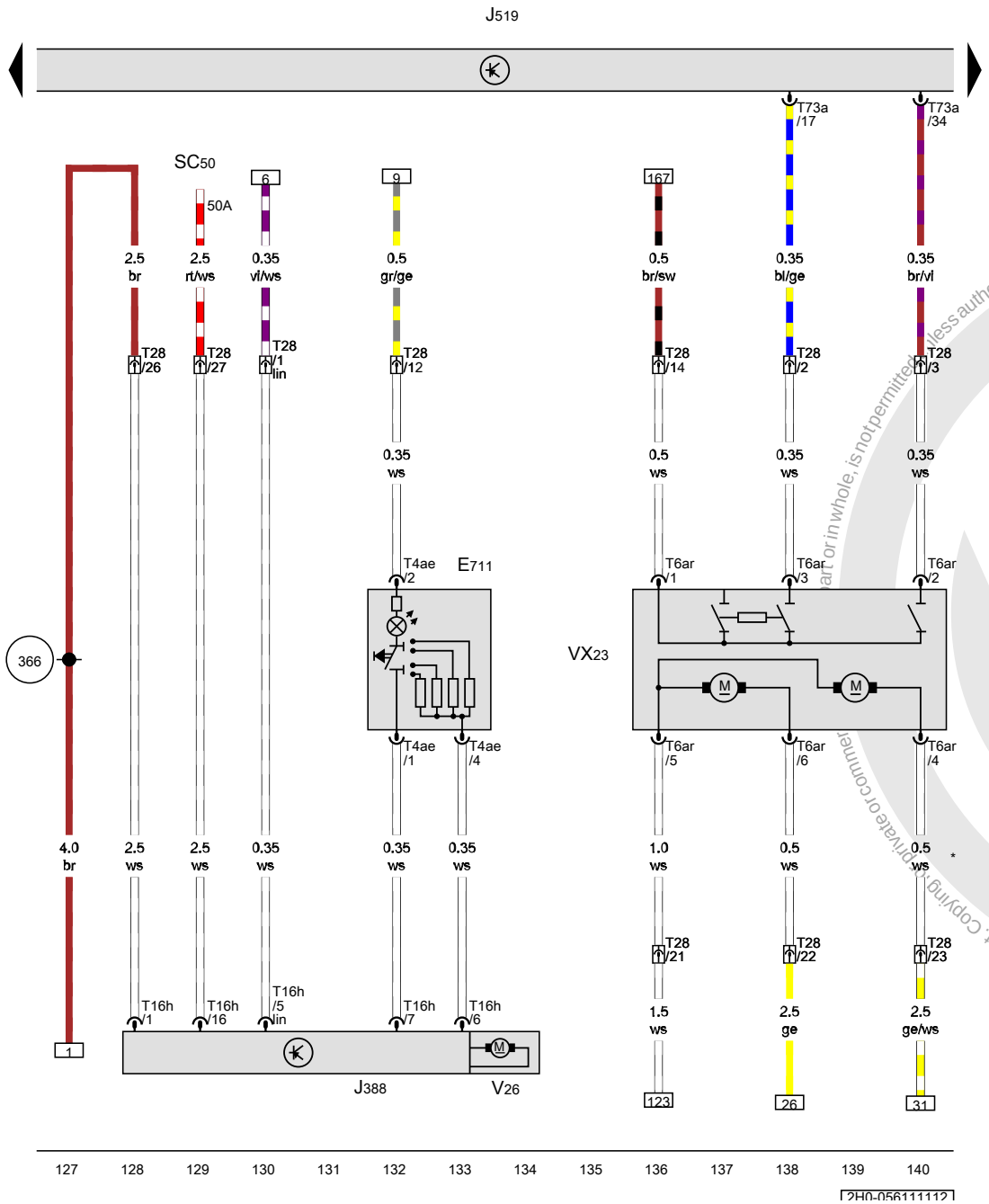

Rear driver side window regulator button, Rear left door control unit, Onboard supply control unit, Fuse 50 on fuse holder C, Rear left door lock unit, Rear left window regulator motor

E711	Rear driver side window regulator button, in rear left door
J388	Rear left door control unit
J519	Onboard supply control unit, near driver side A-pillar
SC50	Fuse 50 on fuse holder C
T4ae	4-pin connector, black
T6ar	6-pin connector, black
T16h	16-pin connector
T28	28-pin connector, on left B-pillar
T73a	73-pin connector, black
VX23	Rear left door lock unit
V26	Rear left window regulator motor
366	Earth connection 1, in main wiring harness
*	Only models with SAFELOCK function

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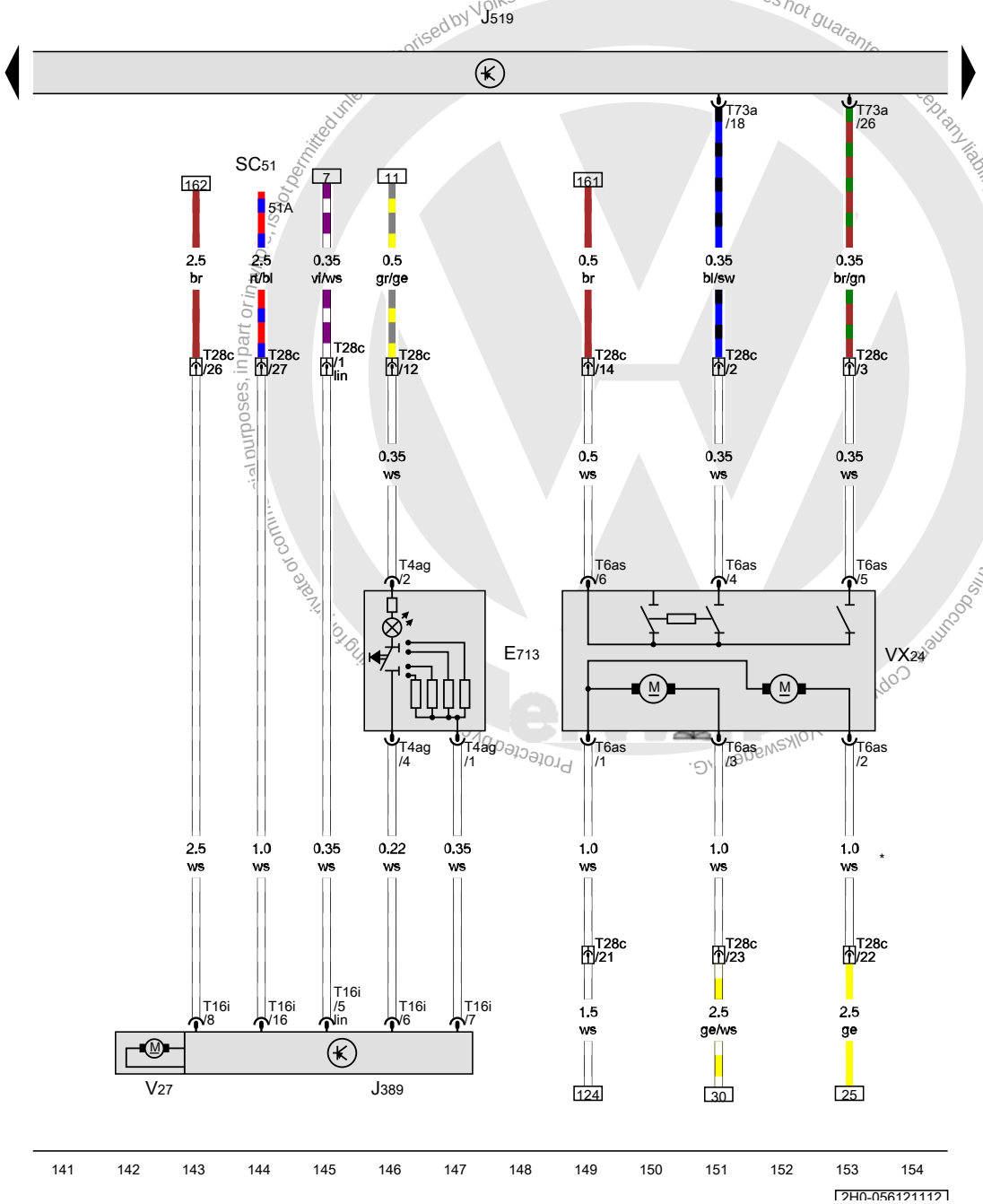

Rear passenger side window regulator button, Rear right door control unit, Onboard supply control unit, Fuse 51 on fuse holder C, Rear right door lock unit, Rear right window regulator motor

E713	Rear passenger side window regulator button, in rear right door
J389	Rear right door control unit
J519	Onboard supply control unit, near driver side A-pillar
SC51	Fuse 51 on fuse holder C
T4ag	4-pin connector
T6as	6-pin connector, black
T16i	16-pin connector, black
T28c	28-pin connector, on right B-pillar
T73a	73-pin connector, black
VX24	Rear right door lock unit
V27	Rear right window regulator motor
*	Only models with SAFELOCK function

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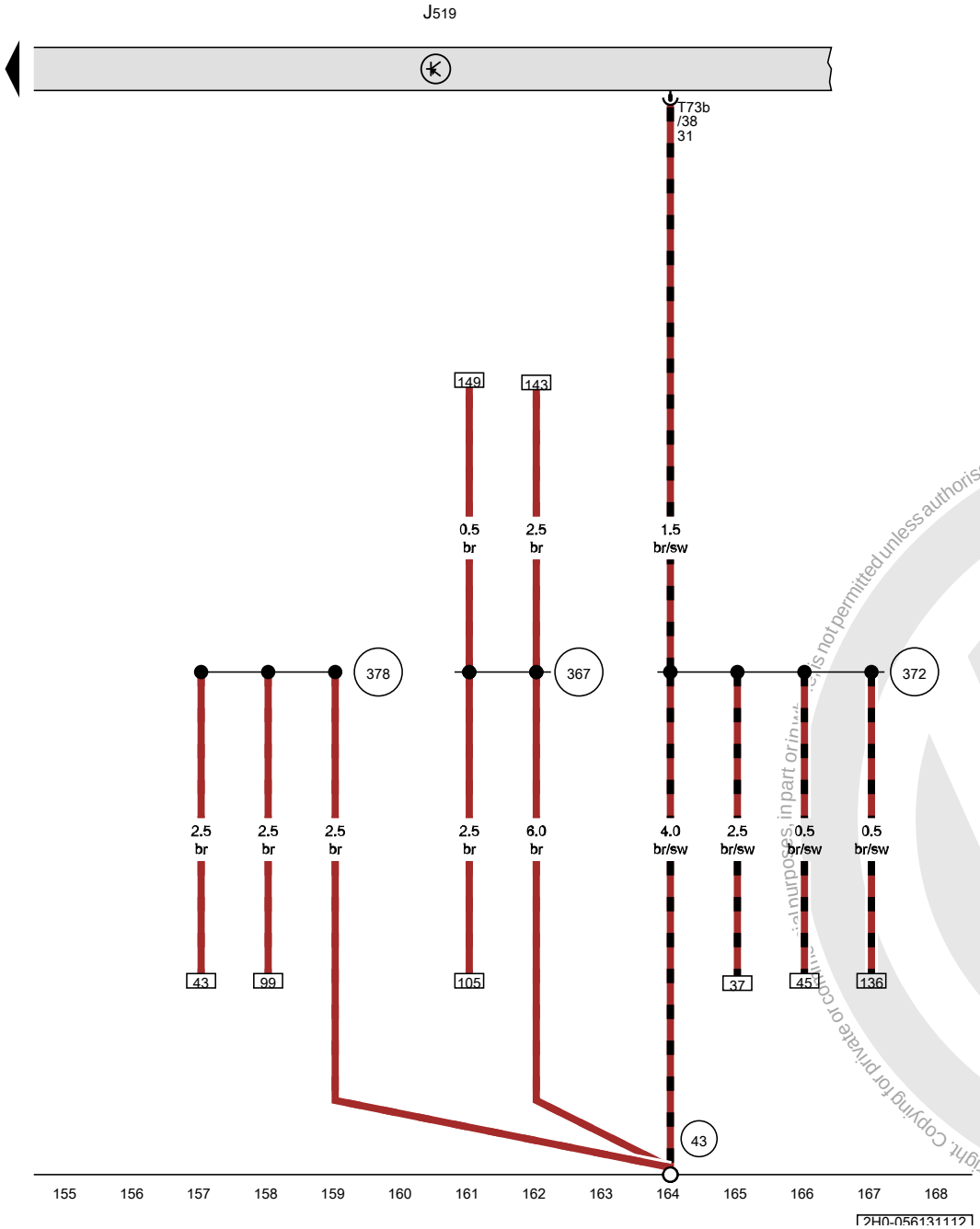

Onboard supply control unit

J519	Onboard supply control unit, near driver side A-pillar
T73b	73-pin connector
43	Earth point, lower part of right A-pillar
367	Earth connection 2, in main wiring harness
372	Earth connection 7, in main wiring harness
378	Earth connection 13, in main wiring harness

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Fuse assignment , (7L3)

From June 2012

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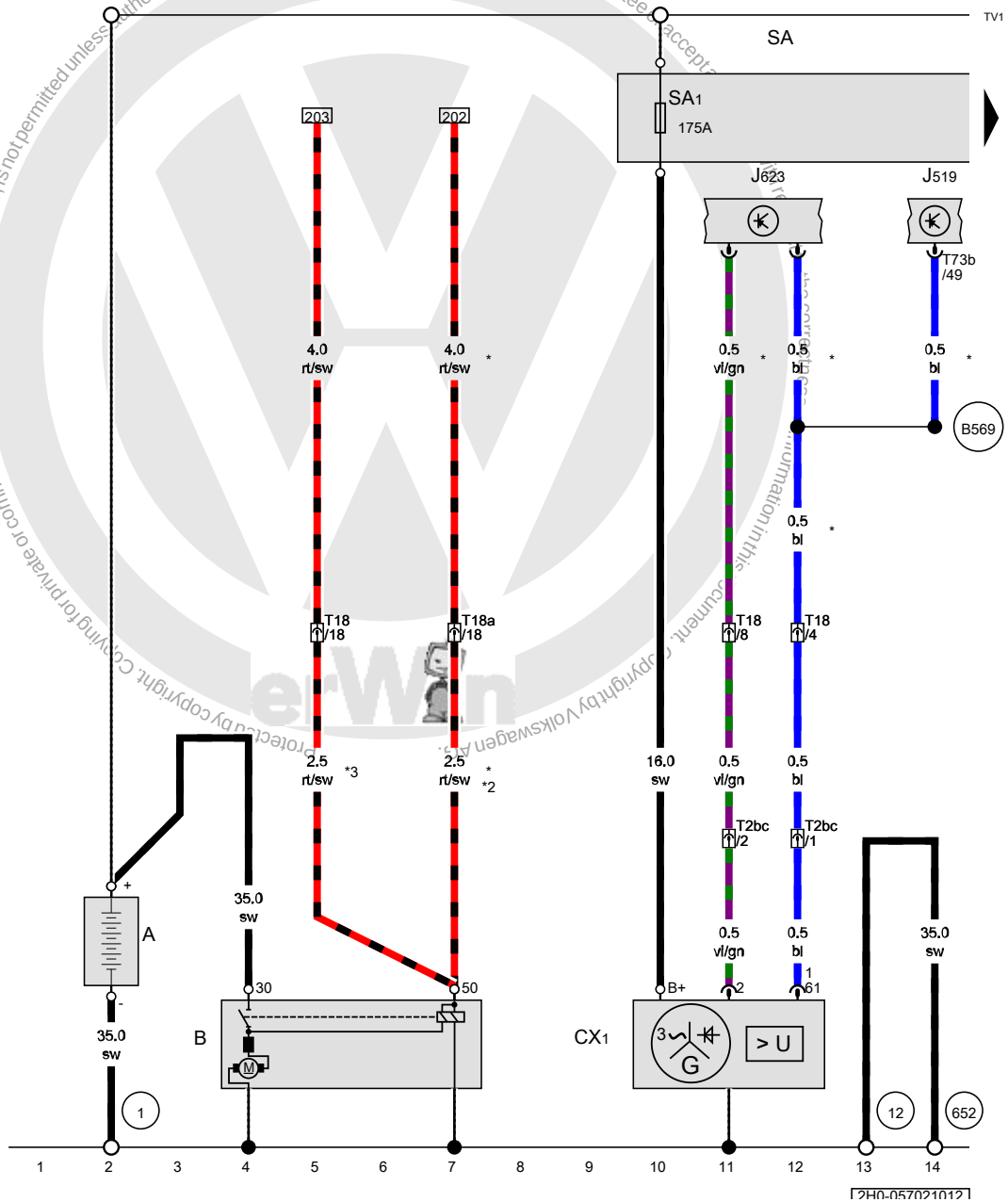

Battery, Starter, Alternator with voltage regulator, Fuse holder A

A	Battery
B	Starter
CX1	Alternator with voltage regulator
J519	Onboard supply control unit
J623	Engine control unit
SA	Fuse holder A
SA1	Fuse 1 in fuse holder A
T2bc	2-pin connector, black
T18	18-pin connector, near engine control unit, black
T18a	18-pin connector, near engine control unit, grey
T73b	73-pin connector, colourless
1	Earth strap, battery - body
12	Earth point, on left in engine compartment
652	Earth point, engine and gearbox earth
B569	Connection 36, in main wiring harness
*	see applicable current flow diagram for engine
*2	Only models with diesel engine
*3	Only models with petrol engine

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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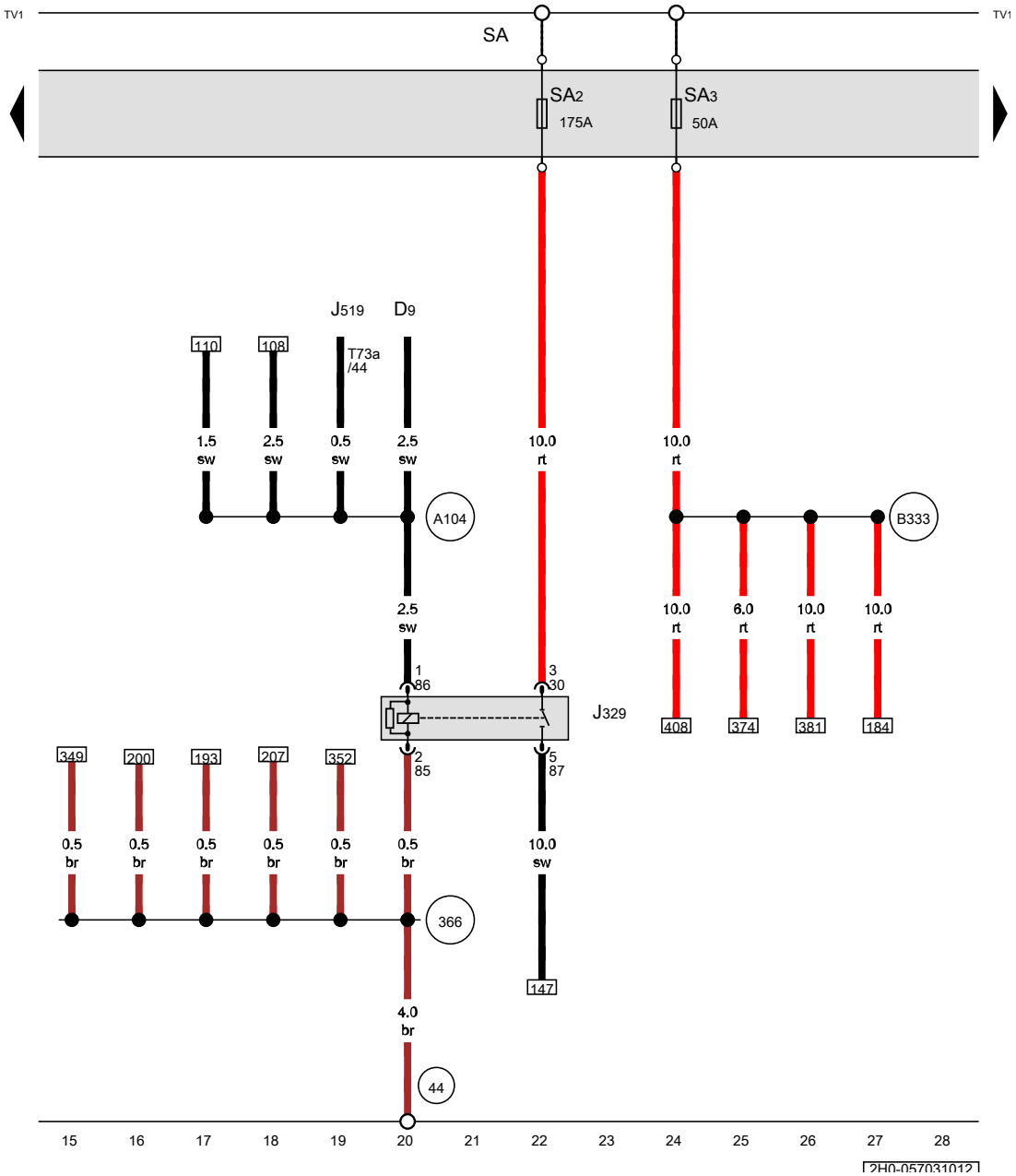

Terminal 15 voltage supply relay, Fuse holder A

D9	Electronic ignition lock
J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
SA	Fuse holder A
SA2	Fuse 2 in fuse holder A
SA3	Fuse 3 in fuse holder A
T73a	73-pin connector, black
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
A104	Positive connection 2 (15), in dash panel wiring harness
B333	Positive connection 19 (30a) in main wiring harness

ws	=	white
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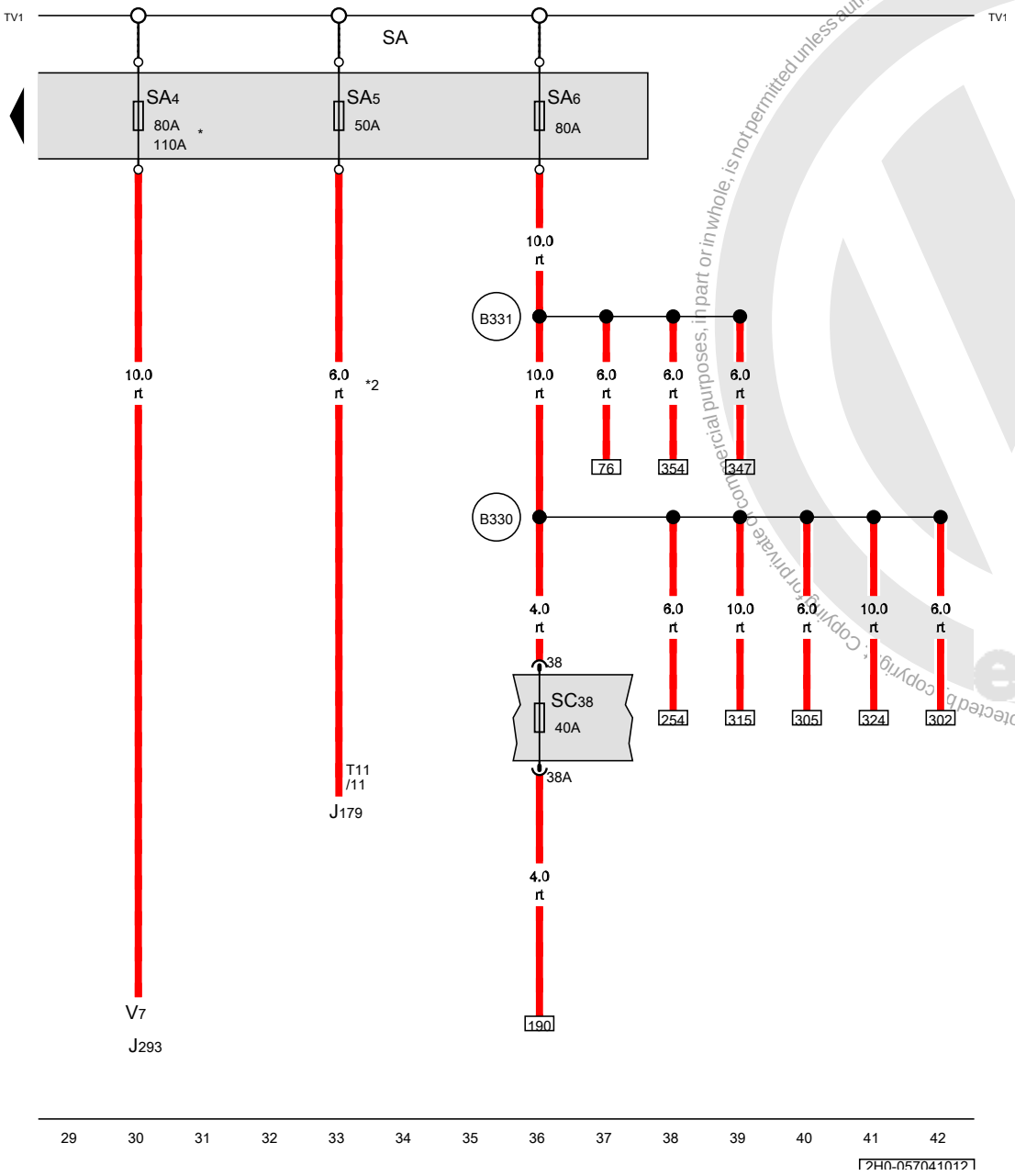

Automatic glow period control unit, Fuse holder A, Fuse 38 on fuse holder C, Radiator fan

J179	Automatic glow period control unit
J293	Radiator fan control unit
SA	Fuse holder A
SA4	Fuse 4 in fuse holder A
SA5	Fuse 5 in fuse holder A
SA6	Fuse 6 in fuse holder A
SC38	Fuse 38 on fuse holder C
T11	11-pin connector, black
V7	Radiator fan
B330	Positive connection 16 (30a) in main wiring harness
B331	Positive connection 17 (30a) in main wiring harness
*	According to equipment
*2	Only models with diesel engine

ws	=	white
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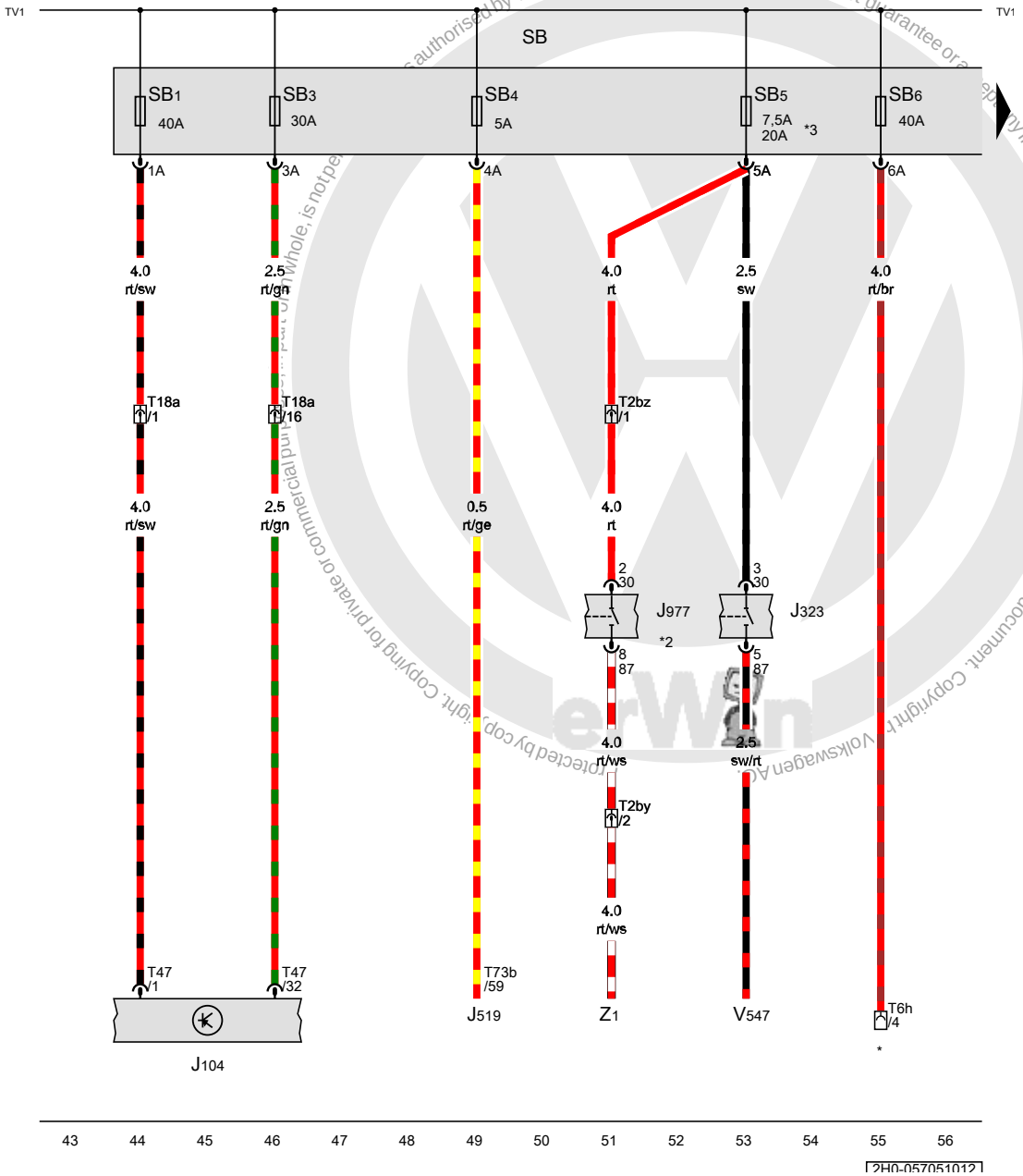
ABS control unit, Fuse 1 on fuse holder B, Fuse 3 on fuse holder B, Fuse 4 on fuse holder B, Fuse 6 on fuse holder B



J104	ABS control unit
J323	Blower relay
J519	Onboard supply control unit
J977	Terminal 30 relay
SB	Fuse holder B
SB1	Fuse 1 on fuse holder B
SB3	Fuse 3 on fuse holder B
SB4	Fuse 4 on fuse holder B
SB5	Fuse 5 on fuse holder B
SB6	Fuse 6 on fuse holder B
T2by	2-pin connector, black
T2bz	2-pin connector, black
T6h	6-pin connector, in left footwell, near centre console, grey
T18a	18-pin connector, near engine control unit, grey
T47	47-pin connector, black
T73b	73-pin connector, colourless
V547	Air supply blower
Z1	Heated rear window
*	Only models with electric interface for external use
*2	see applicable current flow diagram for hardtop
*3	According to equipment

ws	=	white
sw	=	black
ro	=	red
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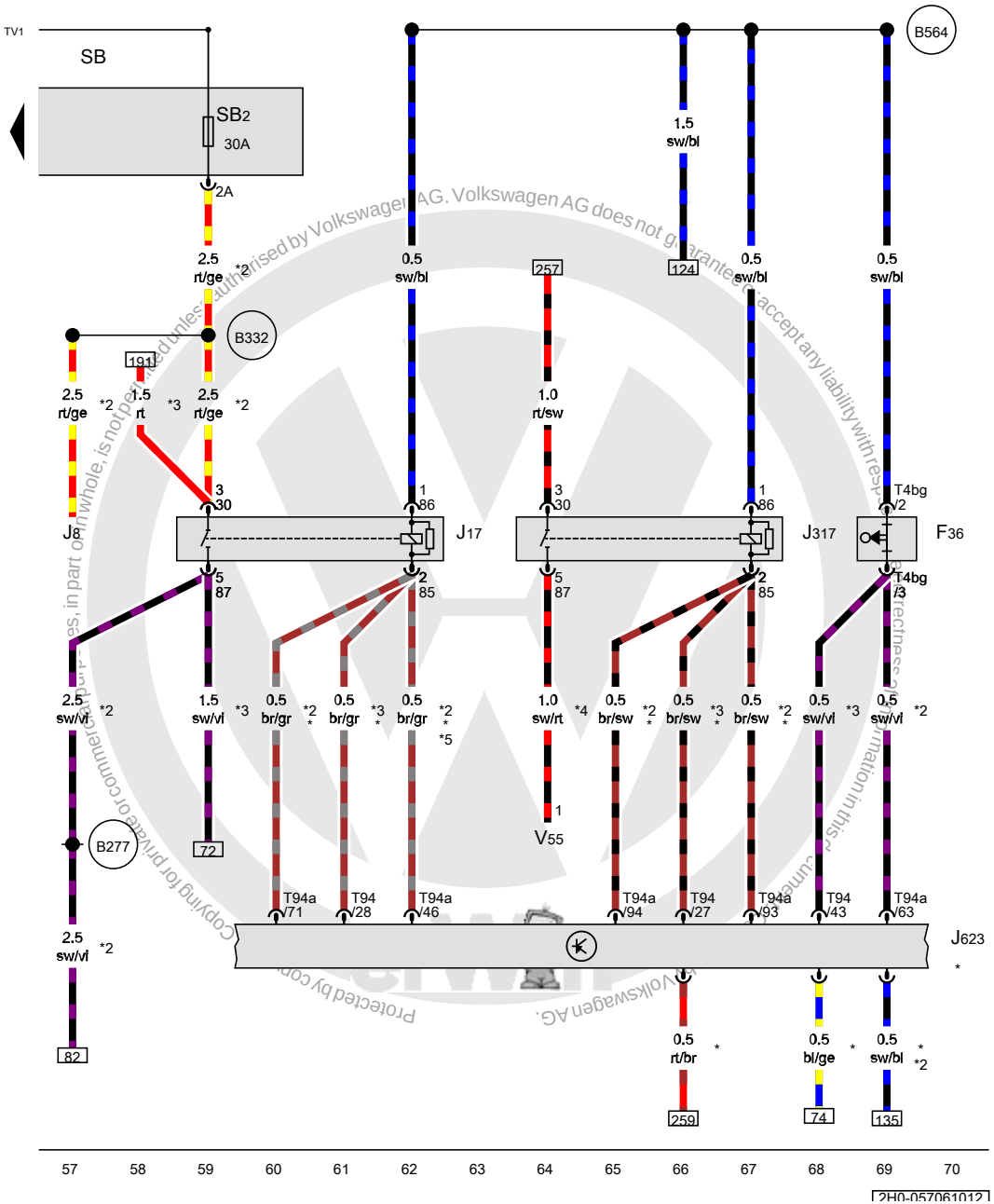
Clutch pedal switch, Fuel pump relay, Terminal 30 voltage supply relay, Engine control unit, Fuse 2 on fuse holder B



F36	Clutch pedal switch
J8	Auxiliary heater relay
J17	Fuel pump relay
J317	Terminal 30 voltage supply relay
J623	Engine control unit
SB	Fuse holder B
SB2	Fuse 2 on fuse holder B
T4bg	4-pin connector, black
T94	94-pin connector, black
T94a	94-pin connector, black
V55	Circulation pump
B277	Positive connection 1 (15a) in main wiring harness
B332	Positive connection 18 (30a) in main wiring harness
B564	Connection 31, in main wiring harness
*	see applicable current flow diagram for engine
*2	Only models with diesel engine
*3	Only models with petrol engine
*4	see applicable current flow diagram for auxiliary coolant heater
*5	Slot assignment, with no cruise control system (CCS)

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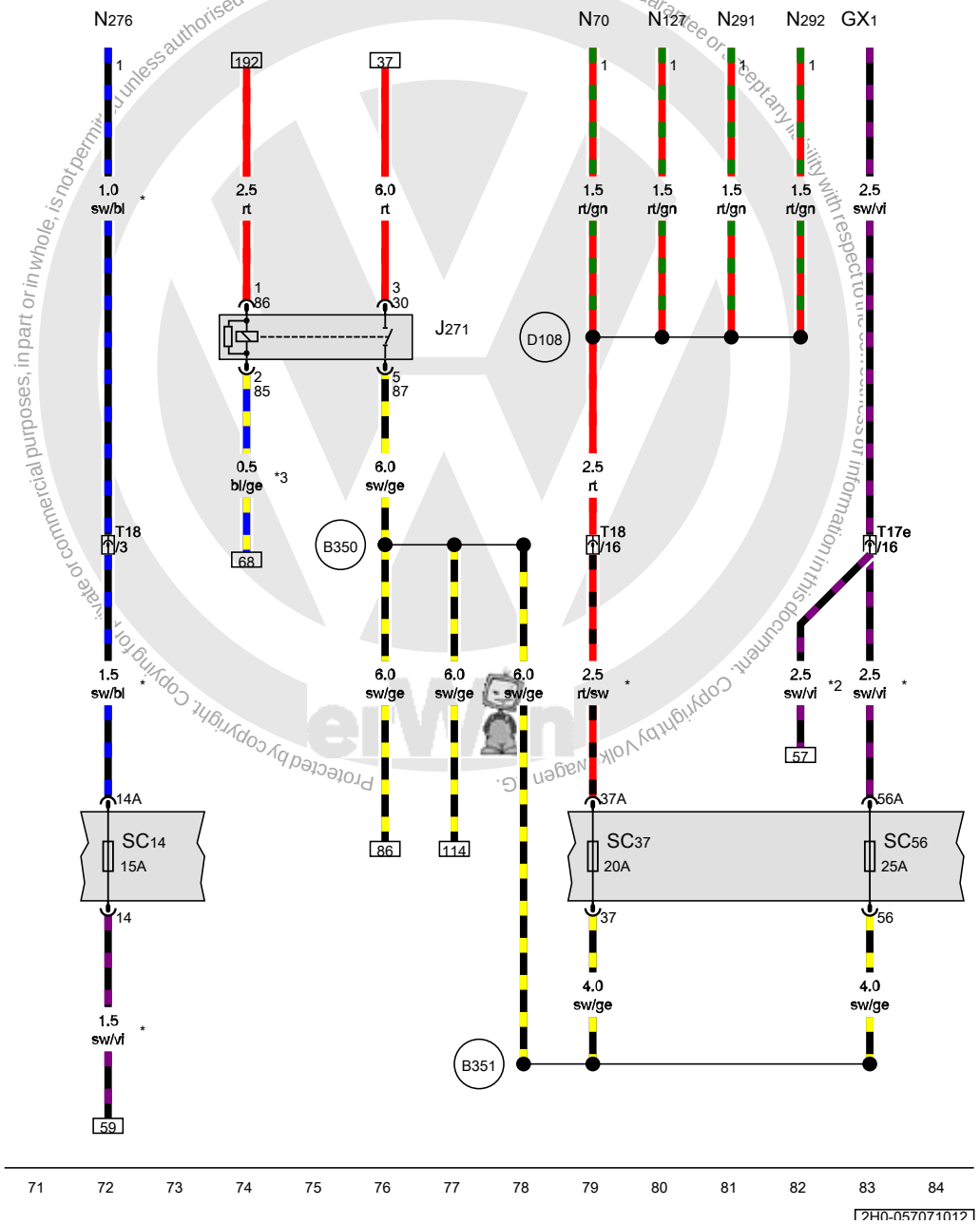

Main relay, Fuse 14 on fuse holder C, Fuse 37 on fuse holder C, Fuse 56 on fuse holder C

GX1	Fuel delivery unit, on fuel tank
J271	Main relay
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N276	Fuel pressure regulating valve
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
SC14	Fuse 14 on fuse holder C
SC37	Fuse 37 on fuse holder C
SC56	Fuse 56 on fuse holder C
T17e	17-pin connector, near handbrake lever, red
T18	18-pin connector, near engine control unit, black
B350	Positive connection 1 (87a) in main wiring harness
B351	Positive connection 2 (87a) in main wiring harness
D108	Connection 6 in engine compartment wiring harness
*	Only models with petrol engine
*2	Only models with diesel engine
*3	see applicable current flow diagram for engine

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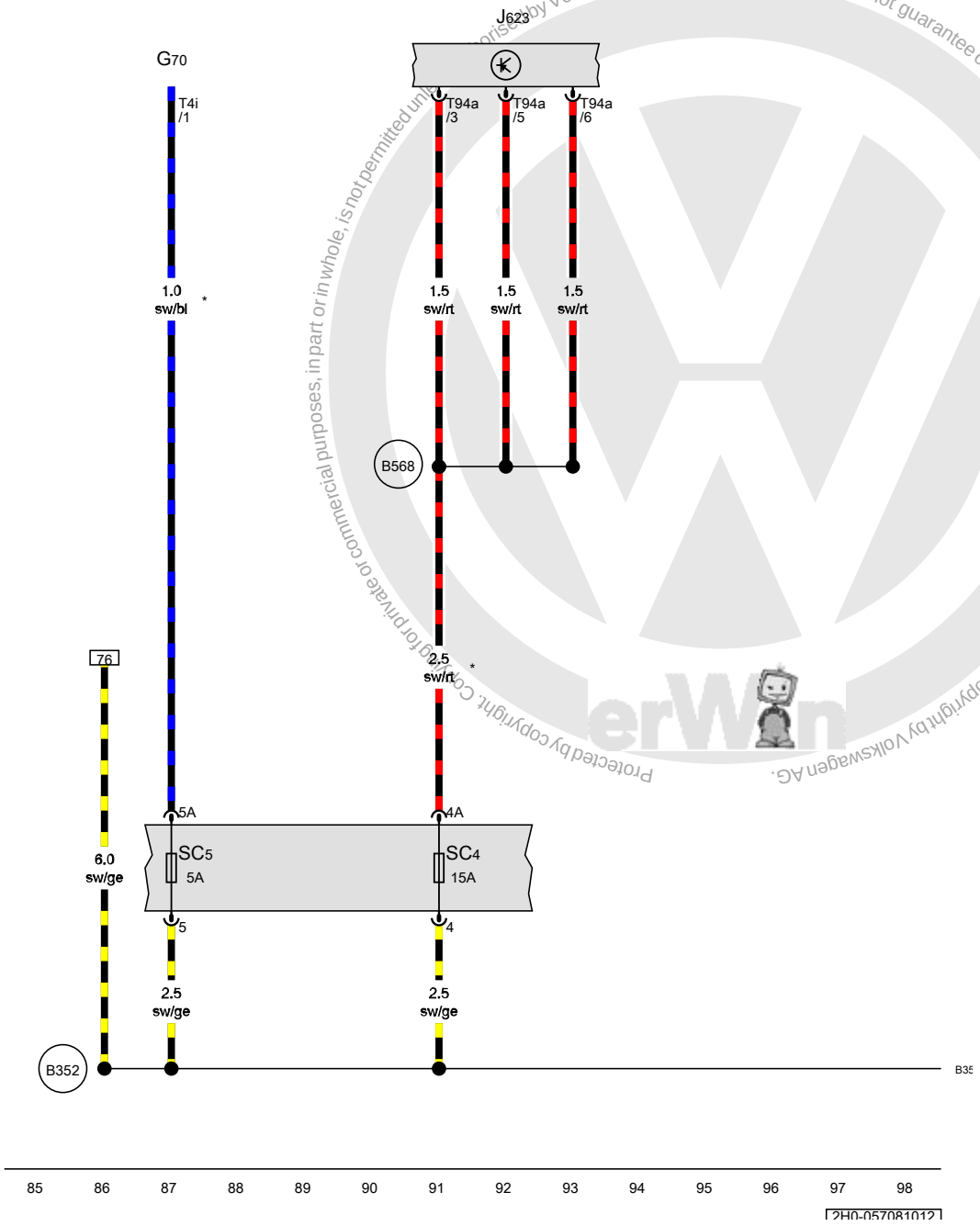

Fuse 4 on fuse holder C, Fuse 5 on fuse holder C

G70	Air mass meter
J623	Engine control unit
SC4	Fuse 4 on fuse holder C
SC5	Fuse 5 on fuse holder C
T4i	4-pin connector, black
T94a	94-pin connector, black
B352	Positive connection 3 (87a) in main wiring harness
B568	Connection 35, in main wiring harness
*	Only models with diesel engine

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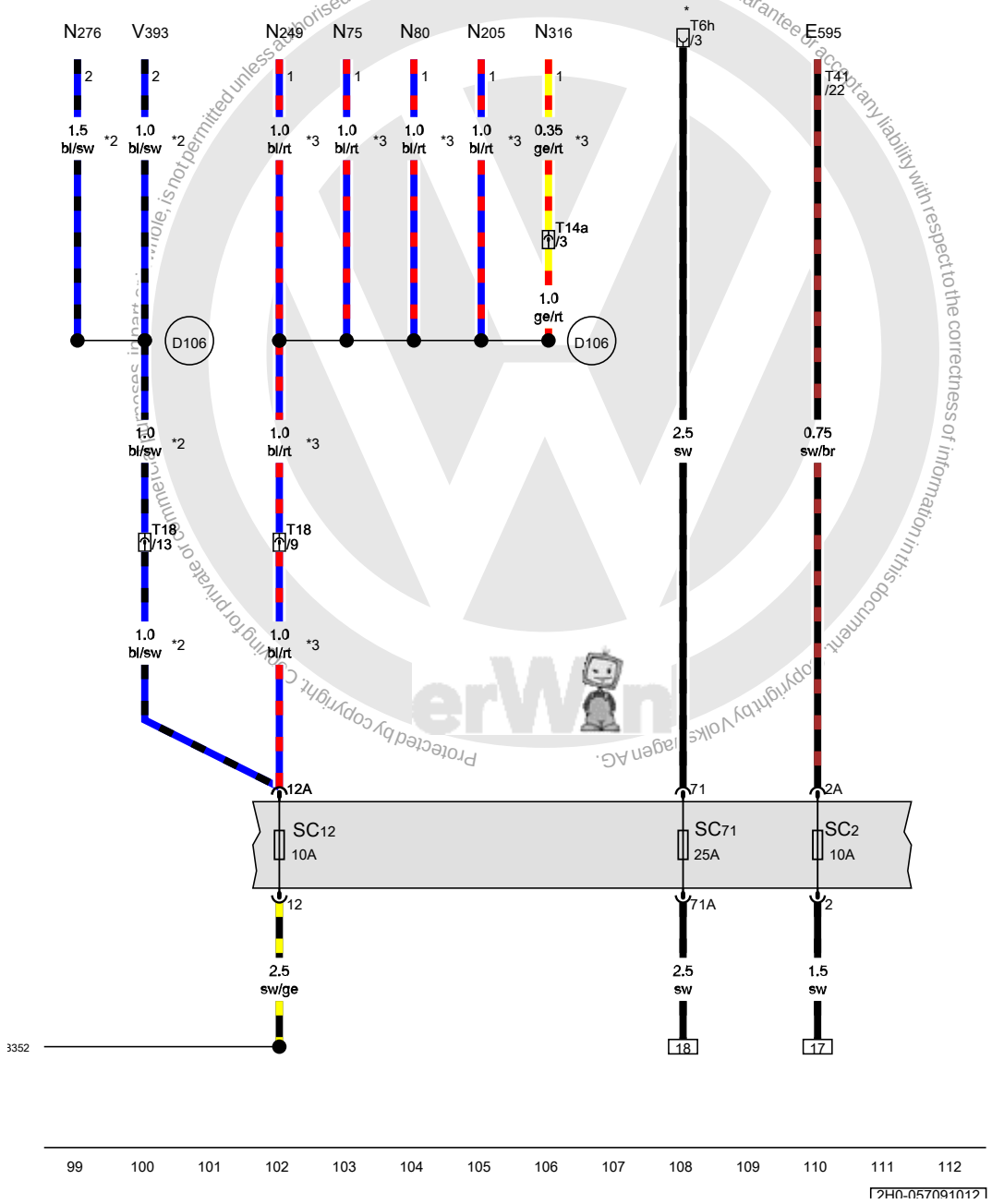

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Fuse 2 on fuse holder C, Fuse 12 on fuse holder C, Fuse 71 on fuse holder C

E595	Steering column combination switch
N75	Charge pressure control solenoid valve
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N249	Turbocharger air recirculation valve
N276	Fuel pressure regulating valve
N316	Intake manifold flap valve
SC2	Fuse 2 on fuse holder C
SC12	Fuse 12 on fuse holder C
SC71	Fuse 71 on fuse holder C
T6h	6-pin connector, in left footwell, near centre console, grey
T14a	14-pin connector, front left in engine compartment, black
T18	18-pin connector, near engine control unit, black
T41	41-pin connector, grey
V393	Supplementary fuel pump
B352	Positive connection 3 (87a) in main wiring harness
D106	Connection 4 in engine compartment wiring harness
*	Only models with electric interface for external use
*2	Only models with diesel engine
*3	Only models with petrol engine

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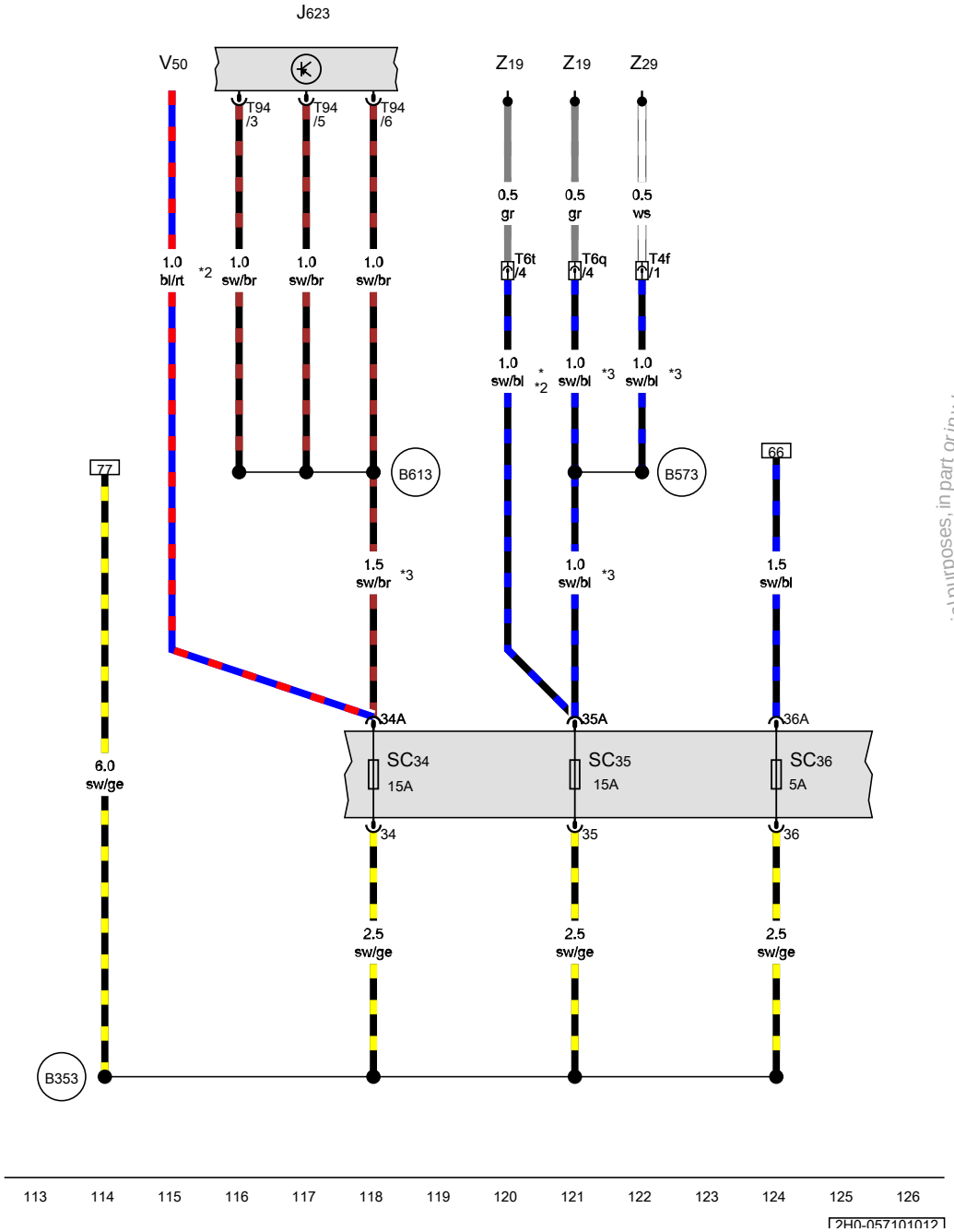

Fuse 34 on fuse holder C, Fuse 35 on fuse holder C, Fuse 36 on fuse holder C

J623	Engine control unit
SC34	Fuse 34 on fuse holder C
SC35	Fuse 35 on fuse holder C
SC36	Fuse 36 on fuse holder C
T4f	4-pin connector, front right in engine compartment
T6q	6-pin connector, front right in engine compartment
T6t	6-pin connector, front right in engine compartment, black
T94	94-pin connector
V50	Coolant circulation pump
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
B353	Positive connection 4 (87a) in main wiring harness
B573	Connection 40, in main wiring harness
B613	Connection 41, in main wiring harness
*	Only models with Euro 5 emission standard
*2	Only models with diesel engine
*3	Only models with petrol engine

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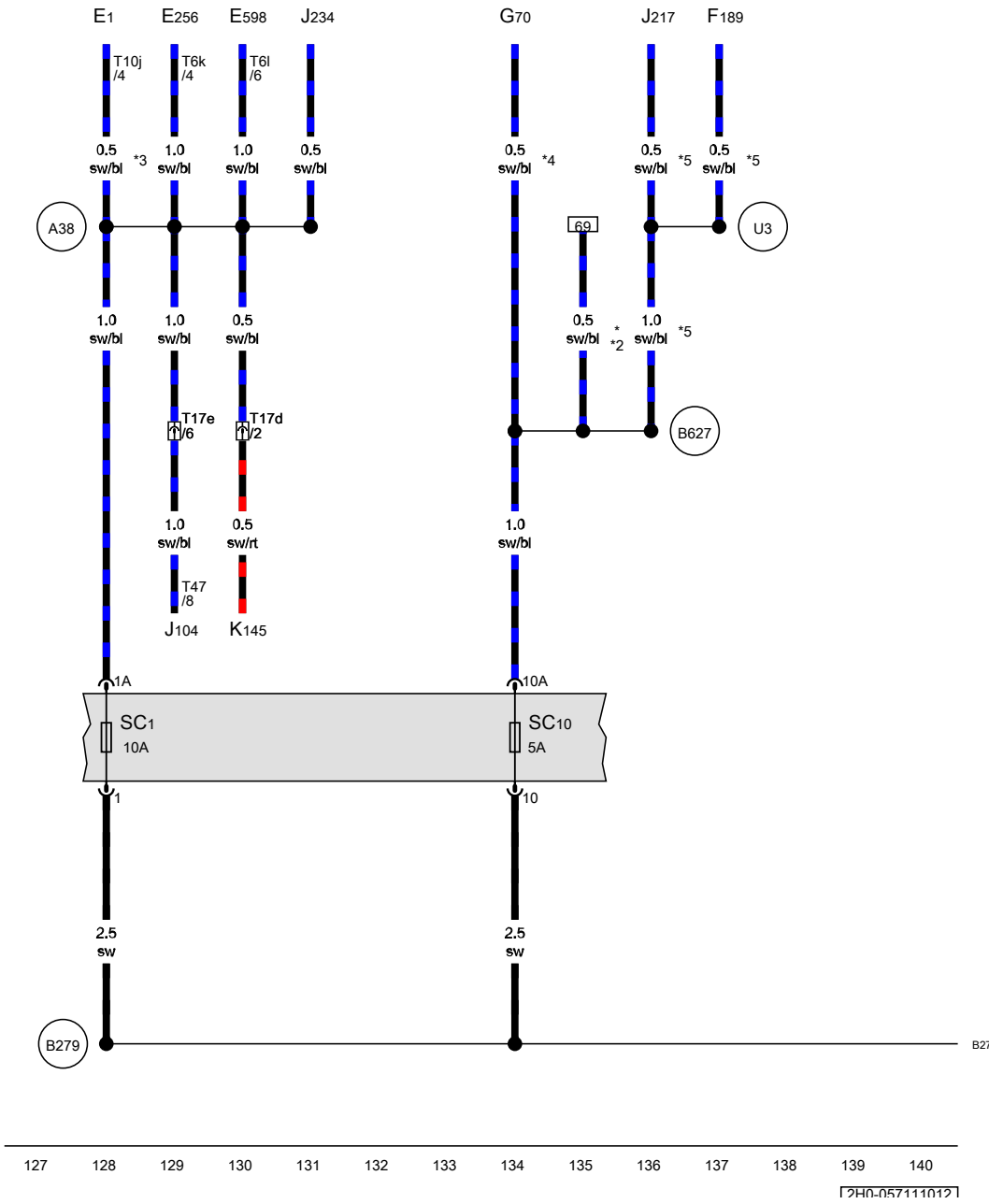

Fuse 1 on fuse holder C, Fuse 10 on fuse holder C

E1	Light switch
E256	TCS and ESP button
E598	Driving program button
F189	Tiptronic switch
G70	Air mass meter
J104	ABS control unit
J217	Automatic gearbox control unit
J234	Airbag control unit
K145	Front passenger side airbag deactivated warning lamp
SC1	Fuse 1 on fuse holder C
SC10	Fuse 10 on fuse holder C
T6k	6-pin connector, black
T6l	6-pin connector, red
T10j	10-pin connector, black
T17d	17-pin connector, on left under dash panel, red
T17e	17-pin connector, near handbrake lever, red
T47	47-pin connector, black
A38	Positive connection 2 (15a) in dash panel wiring harness
B279	Positive connection 3 (15a) in main wiring harness
B627	Positive connection 3 (15), in main wiring harness
U3	Connection 1, in automatic gearbox wiring harness
*	see applicable current flow diagram for engine
*2	Only models with diesel engine
*3	Only models with automatic driving lights control
*4	Only models with petrol engine
*5	see applicable current flow diagram for automatic gearbox

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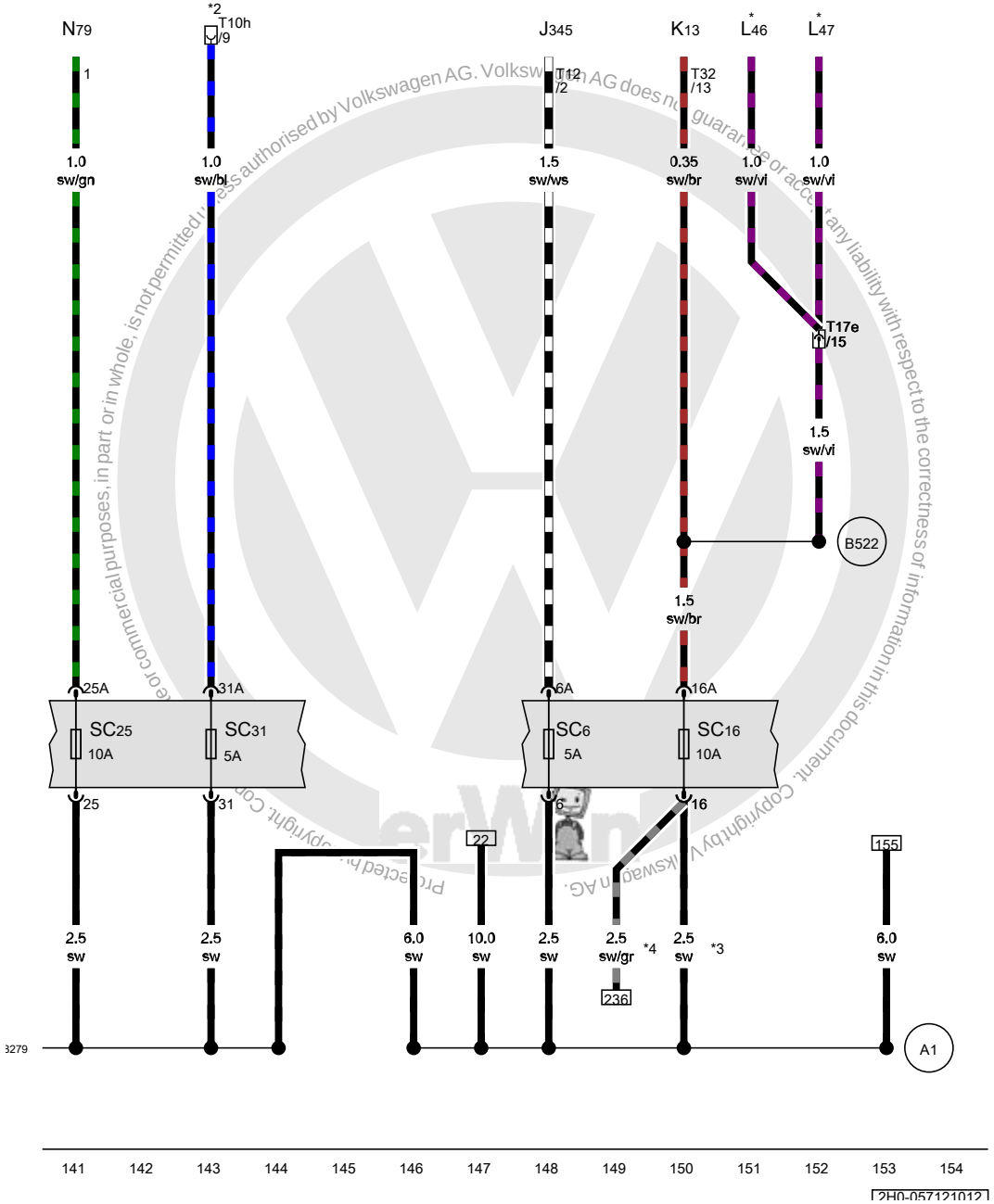

ws = white
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Fuse 6 on fuse holder C, Fuse 16 on fuse holder C, Fuse 25 on fuse holder C, Fuse 31 on fuse holder C

J345	Trailer detector control unit
K13	Rear fog light warning lamp
L46	Rear left fog light bulb
L47	Rear right fog light bulb
N79	Heater element for crankcase breather
SC6	Fuse 6 on fuse holder C
SC16	Fuse 16 on fuse holder C
SC25	Fuse 25 on fuse holder C
SC31	Fuse 31 on fuse holder C
T10h	10-pin connector, purple
T12	12-pin connector, red
T17e	17-pin connector, near handbrake lever, red
T32	32-pin connector, blue
A1	Positive connection (30a), in dash panel wiring harness
B279	Positive connection 3 (15a) in main wiring harness
B522	Connection (FL), in main wiring harness
*	According to equipment
*2	Only models with electric interface for external use
*3	Only models with automatic driving lights control
*4	Only models with no automatic headlight control with coming home

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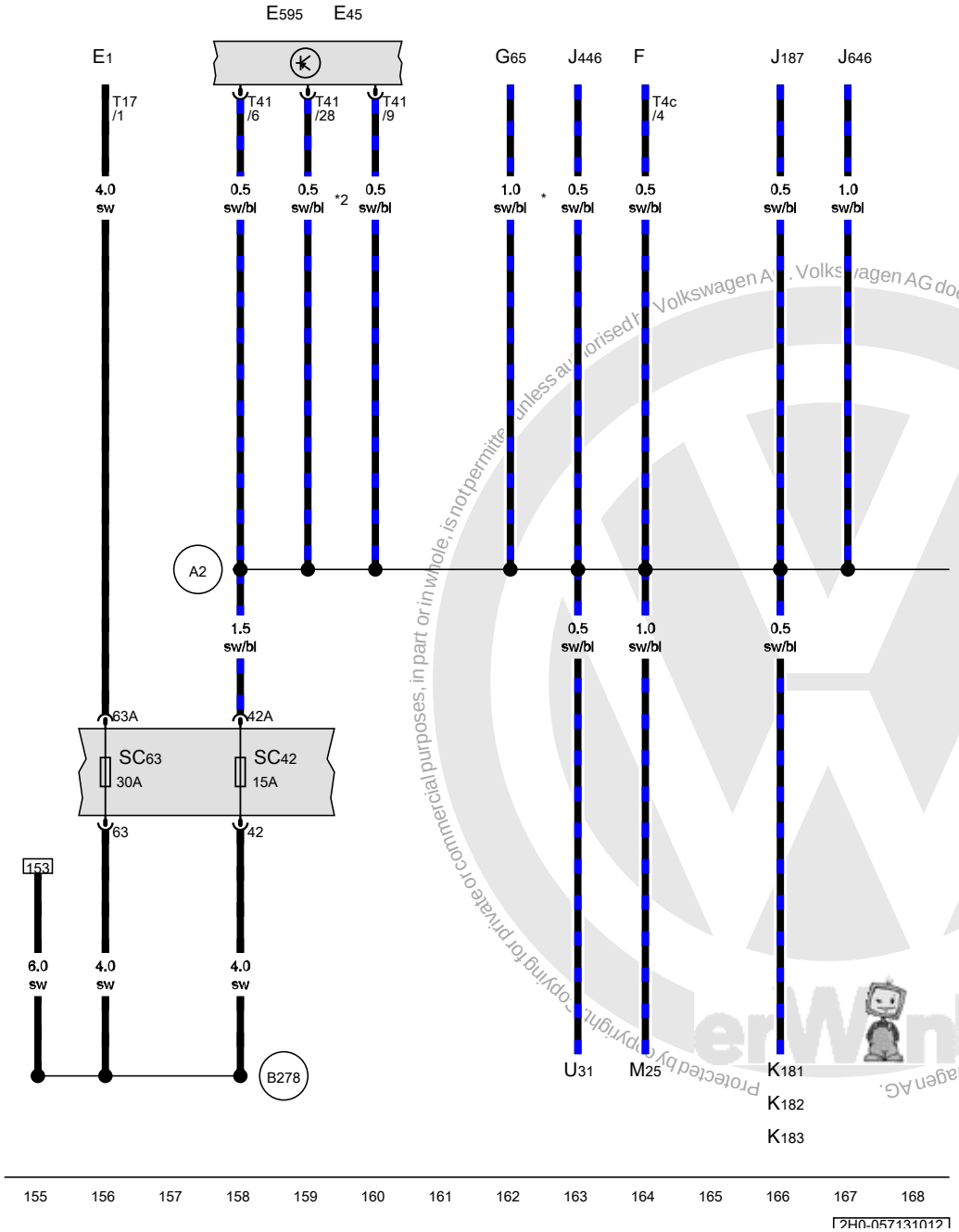

Fuse 42 on fuse holder C, Fuse 63 on fuse holder C

E1	Light switch
E45	Cruise control system switch
E595	Steering column combination switch
F	Brake light switch
G65	High-pressure sender
J187	Differential lock control unit
J446	Parking aid control unit
J646	Transfer box control unit
K181	Normal operation warning lamp in transfer box operating unit
K182	Reduction gearing warning lamp in transfer box operating unit
K183	Inter-axle lock-up warning lamp in transfer box operating unit
M25	Additional brake light bulb
SC42	Fuse 42 on fuse holder C
SC63	Fuse 63 on fuse holder C
T4c	4-pin connector, black
T17	17-pin connector, black
T41	41-pin connector, grey
U31	Diagnostic connection
A2	Positive connection (15), in dash panel wiring harness
B278	Positive connection 2 (15a) in main wiring harness
*	Only models with air conditioning system/ Climatronic
*2	Only models with cruise control system

ws	=	white
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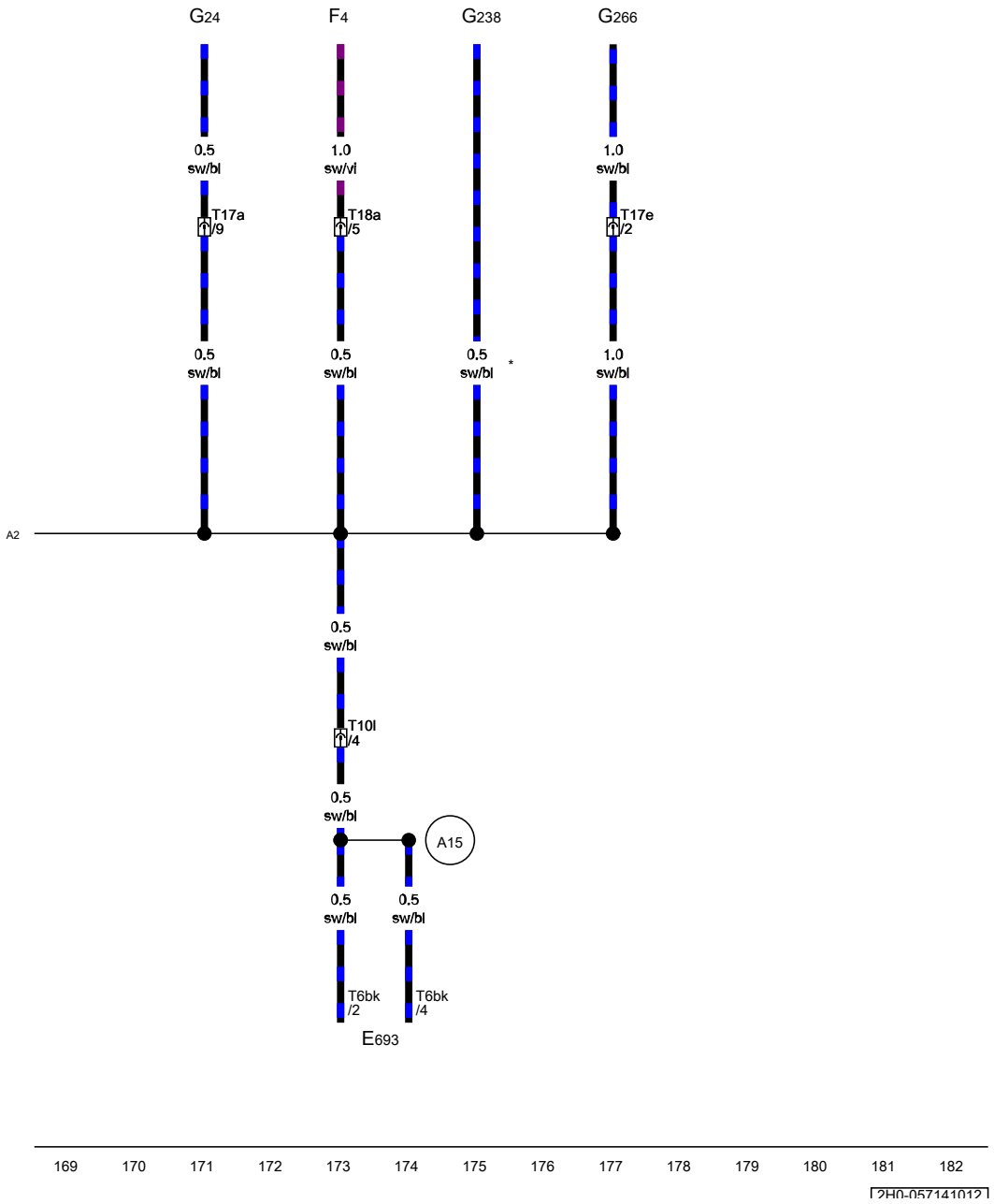

Start/Stop operation button, Reversing light switch, Tachograph, Air quality sensor, Oil level and oil temperature sender

E693	Start/Stop operation button
F4	Reversing light switch
G24	Tachograph
G238	Air quality sensor
G266	Oil level and oil temperature sender
T6bk	6-pin connector, brown
T10l	10-pin connector, blue
T17a	17-pin connector, behind glove compartment, black
T17e	17-pin connector, near handbrake lever, red
T18a	18-pin connector, near engine control unit, grey
A2	Positive connection (15), in dash panel wiring harness
A15	Positive connection (15), in instrument wiring harness
*	Only models with Climatronic

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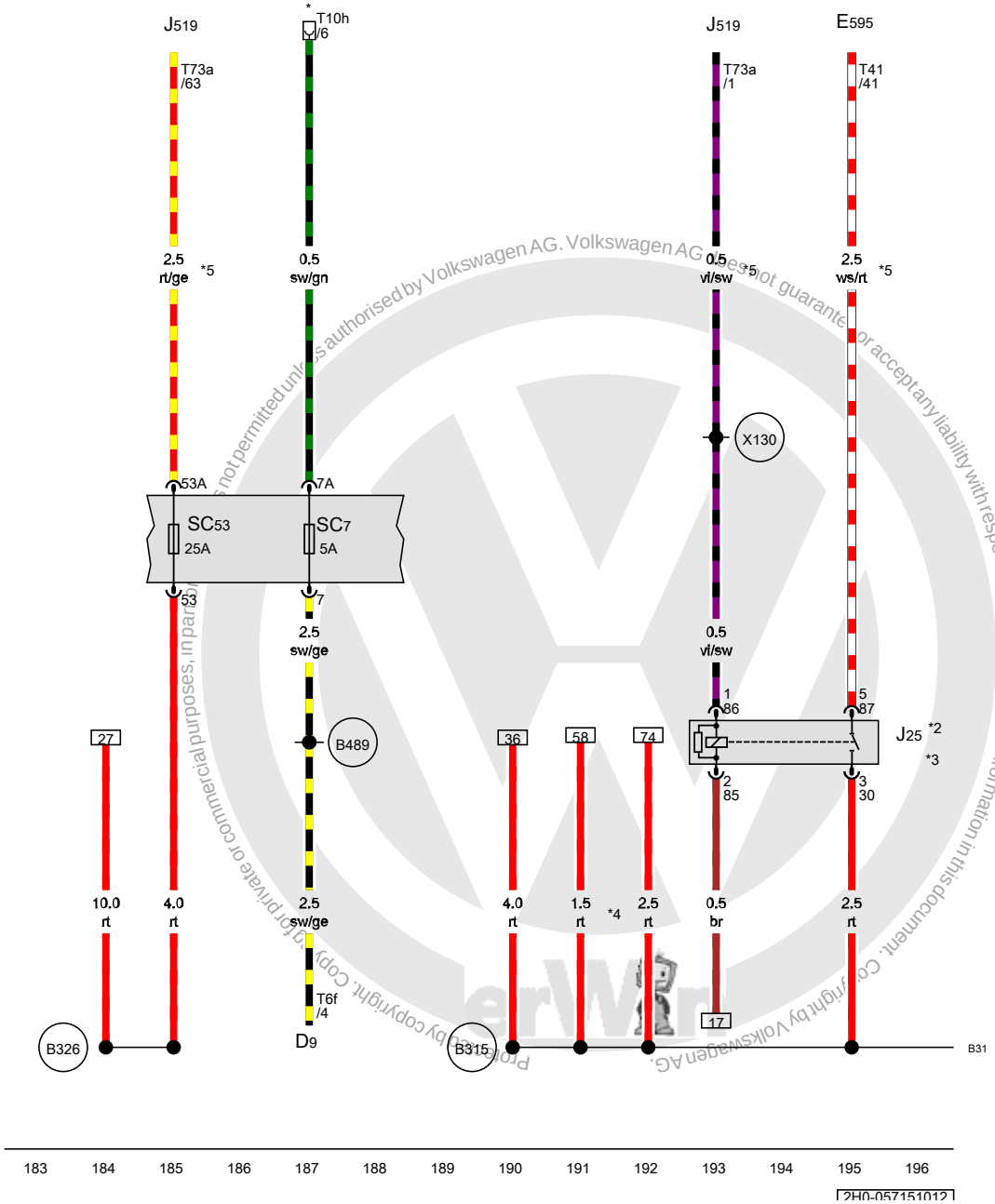

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Headlight relay, Fuse 7 on fuse holder C, Fuse 53 on fuse holder C

D9	Electronic ignition lock
E595	Steering column combination switch
J25	Headlight relay
J519	Onboard supply control unit
SC7	Fuse 7 on fuse holder C
SC53	Fuse 53 on fuse holder C
T6f	6-pin connector, black
T10h	10-pin connector, purple
T41	41-pin connector
T73a	73-pin connector, black
B315	Positive connection 1 (30a) in main wiring harness
B326	Positive connection 12 (30a) in main wiring harness
B489	Connection 25, in main wiring harness
X130	Connection 3, in optional equipment wiring harness
*	Only models with electric interface for external use
*2	Only models with start/stop system
*3	Only models with automatic driving lights control
*4	Only models with petrol engine
*5	Coming home with rain sensor

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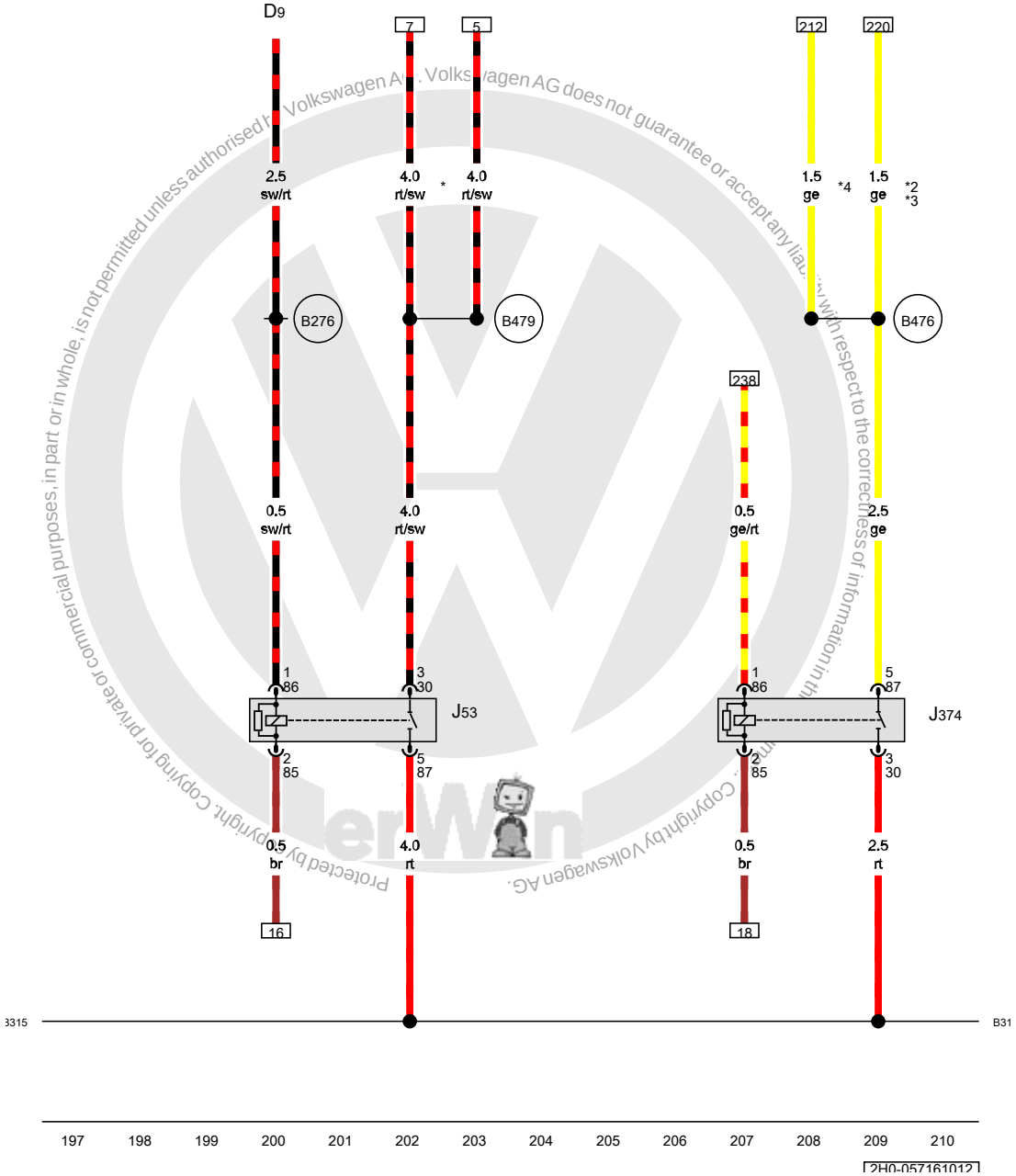

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Starter motor relay, Terminal 58b relief relay

D9 Electronic ignition lock
J53 Starter motor relay
J374 Terminal 58b relief relay

B276 Positive connection (50), in main wiring harness

B315 Positive connection 1 (30a) in main wiring harness

B476 Connection 12, in main wiring harness

B479 Connection 15, in main wiring harness

* see applicable current flow diagram for engine
*2 Only models with Trendline equipment
*3 Only models with basic equipment
*4 Only models with no automatic headlight control with coming home

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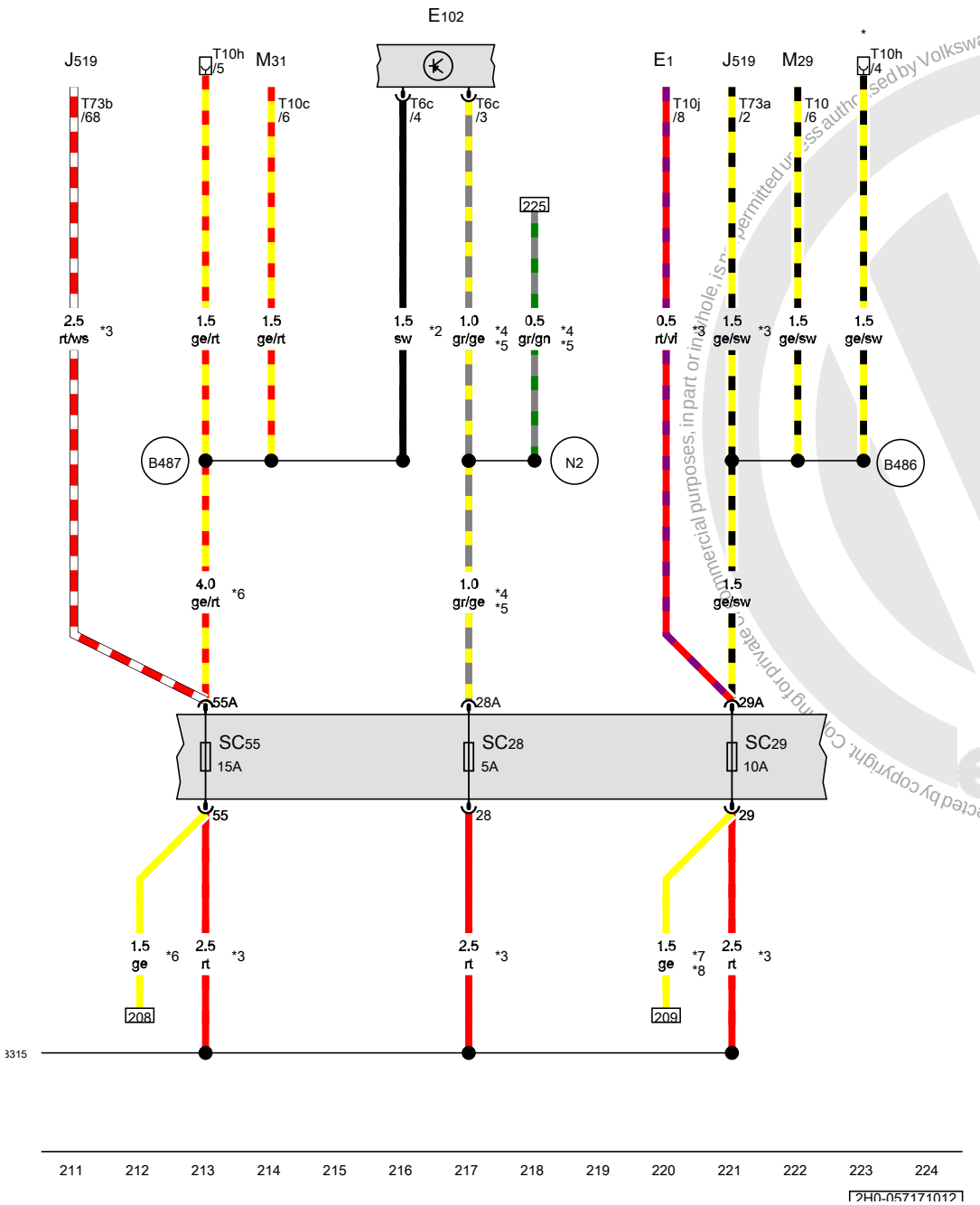

Fuse 28 on fuse holder C, Fuse 29 on fuse holder C, Fuse 55 on fuse holder C

E1	Light switch
E102	Headlight range control regulator
J519	Onboard supply control unit
M29	Left headlight dipped beam bulb
M31	Right headlight dipped beam bulb
SC28	Fuse 28 on fuse holder C
SC29	Fuse 29 on fuse holder C
SC55	Fuse 55 on fuse holder C
T6c	6-pin connector
T10	10-pin connector
T10c	10-pin connector, black
T10h	10-pin connector, purple
T10j	10-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, colourless
B315	Positive connection 1 (30a) in main wiring harness
B486	Connection 22, in main wiring harness
B487	Connection 23, in main wiring harness
N2	Connection 1, in headlight range control wiring harness
*	Only models with electric interface for external use
*2	Only models with headlight range control
*3	Only models with automatic driving lights control
*4	Only models with Highline equipment
*5	Coming home with rain sensor
*6	Only models with no automatic headlight control with coming home
*7	Only models with Trendline equipment
*8	Only models with basic equipment

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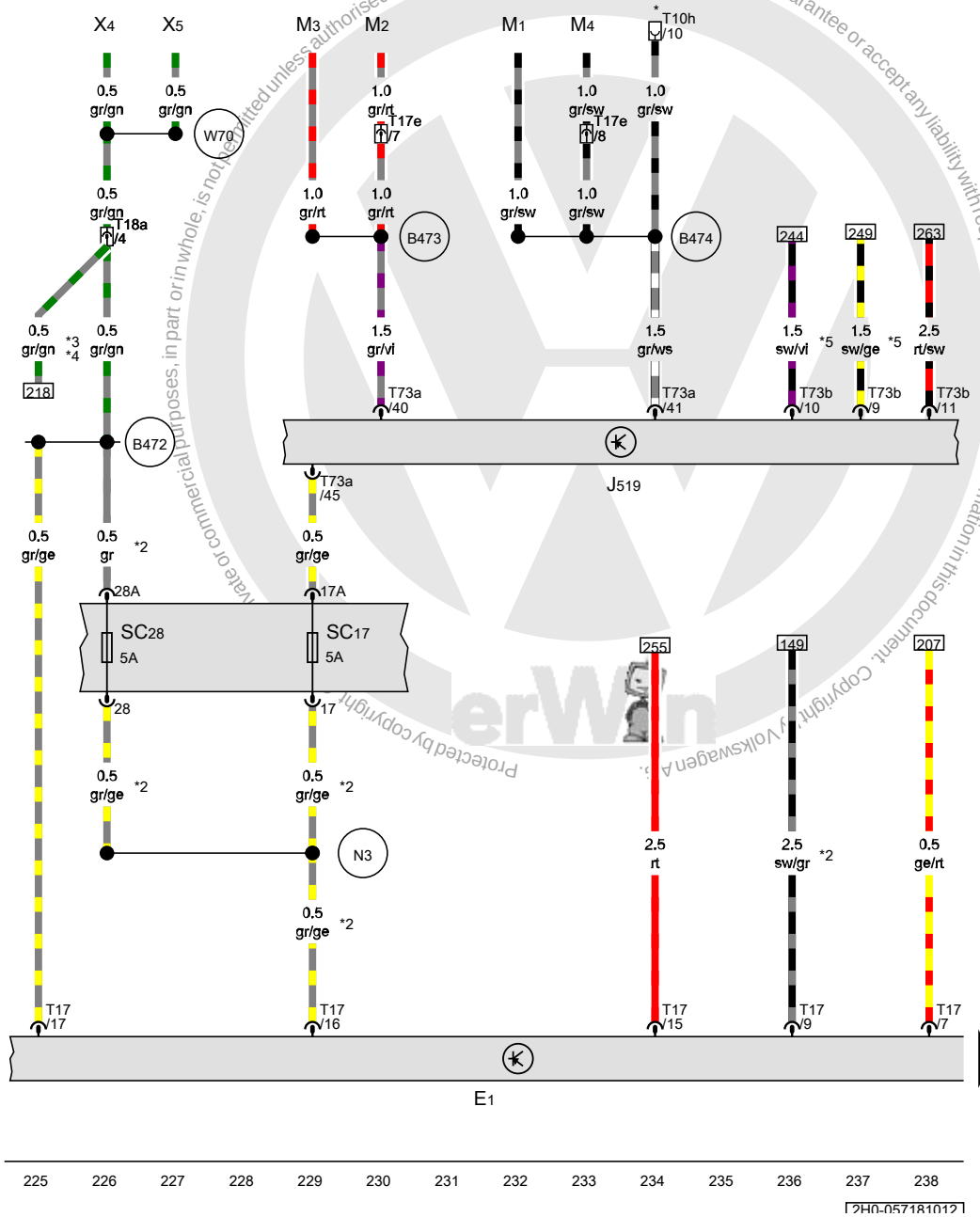

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li = purple
ge = yellow
or = orange
rs = pink

Fuse 17 on fuse holder C, Fuse 28 on fuse holder C

E1	Light switch
J519	Onboard supply control unit
M1	Left side light bulb
M2	Right tail light bulb
M3	Right side light bulb
M4	Left tail light bulb
SC17	Fuse 17 on fuse holder C
SC28	Fuse 28 on fuse holder C
T10h	10-pin connector, purple
T17	17-pin connector, black
T17e	17-pin connector, near handbrake lever, red
T18a	18-pin connector, near engine control unit, grey
T73a	73-pin connector, black
T73b	73-pin connector, colourless
X4	Left number plate light
X5	Right number plate light
B472	Connection 8, in main wiring harness
B473	Connection 9, in main wiring harness
B474	Connection 10, in main wiring harness
N3	Connection 2, in headlight range control wiring harness
W70	Positive connection 2 (58), in number plate wiring harness
*	Only models with electric interface for external use
*2	Only models with no automatic headlight control with coming home
*3	Only models with Highline equipment
*4	Coming home with rain sensor
*5	Only models with automatic driving lights control

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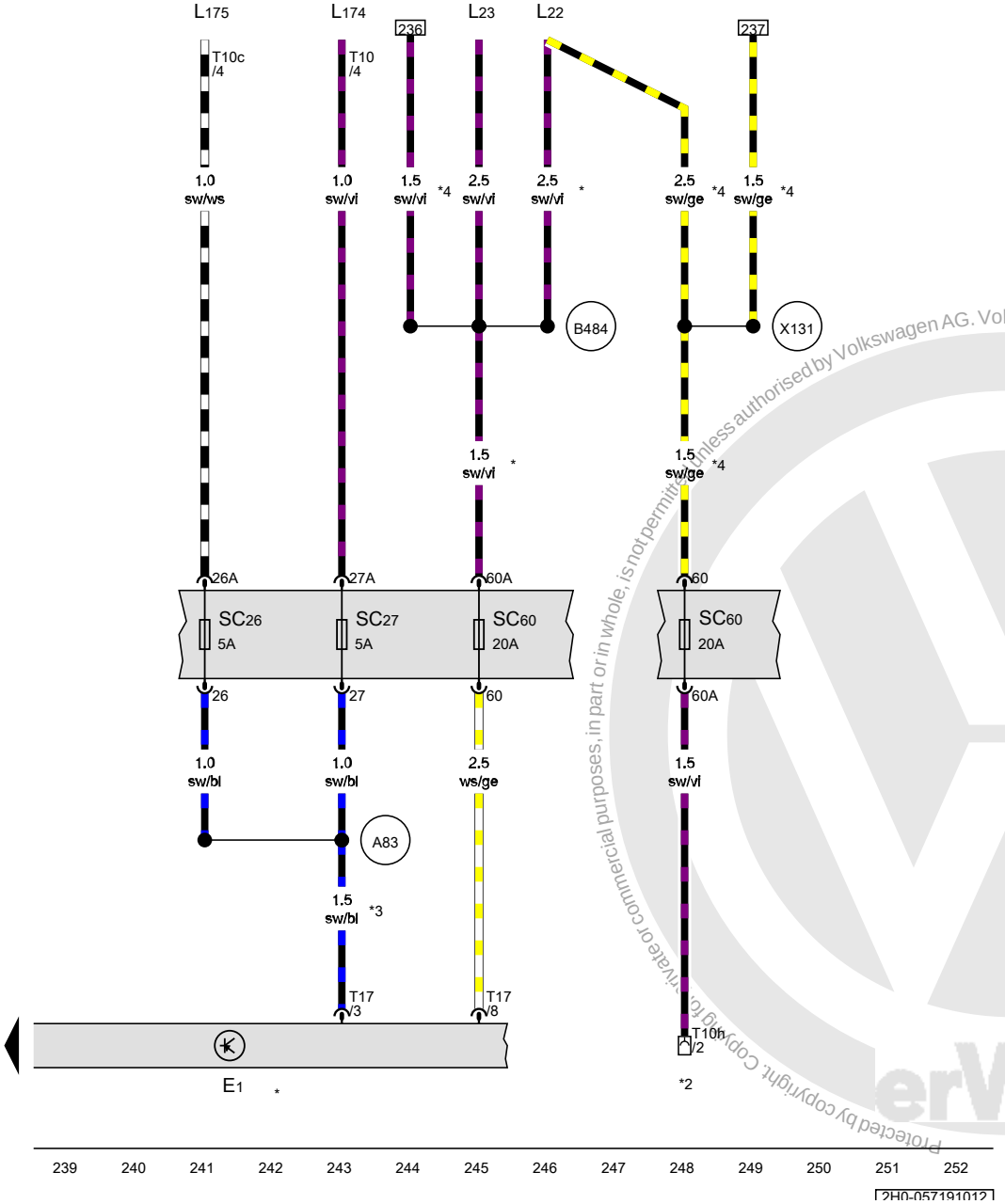

Fuse 26 on fuse holder C, Fuse 27 on fuse holder C, Fuse 60 on fuse holder C

E1	Light switch
L22	Left fog light bulb
L23	Right fog light bulb
L174	Left daytime running light bulb
L175	Right daytime running light bulb
SC26	Fuse 26 on fuse holder C
SC27	Fuse 27 on fuse holder C
SC60	Fuse 60 on fuse holder C
T10	10-pin connector, black
T10c	10-pin connector, black
T10h	10-pin connector, purple
T17	17-pin connector, black
A83	Connection (daytime running lights), in dash panel wiring harness
B484	Connection 20, in main wiring harness
X131	Connection 4, in optional equipment wiring harness
*	Only models with no automatic headlight control with coming home
*2	Only models with electric interface for external use
*3	Only models with daytime running lights
*4	Only models with automatic driving lights control

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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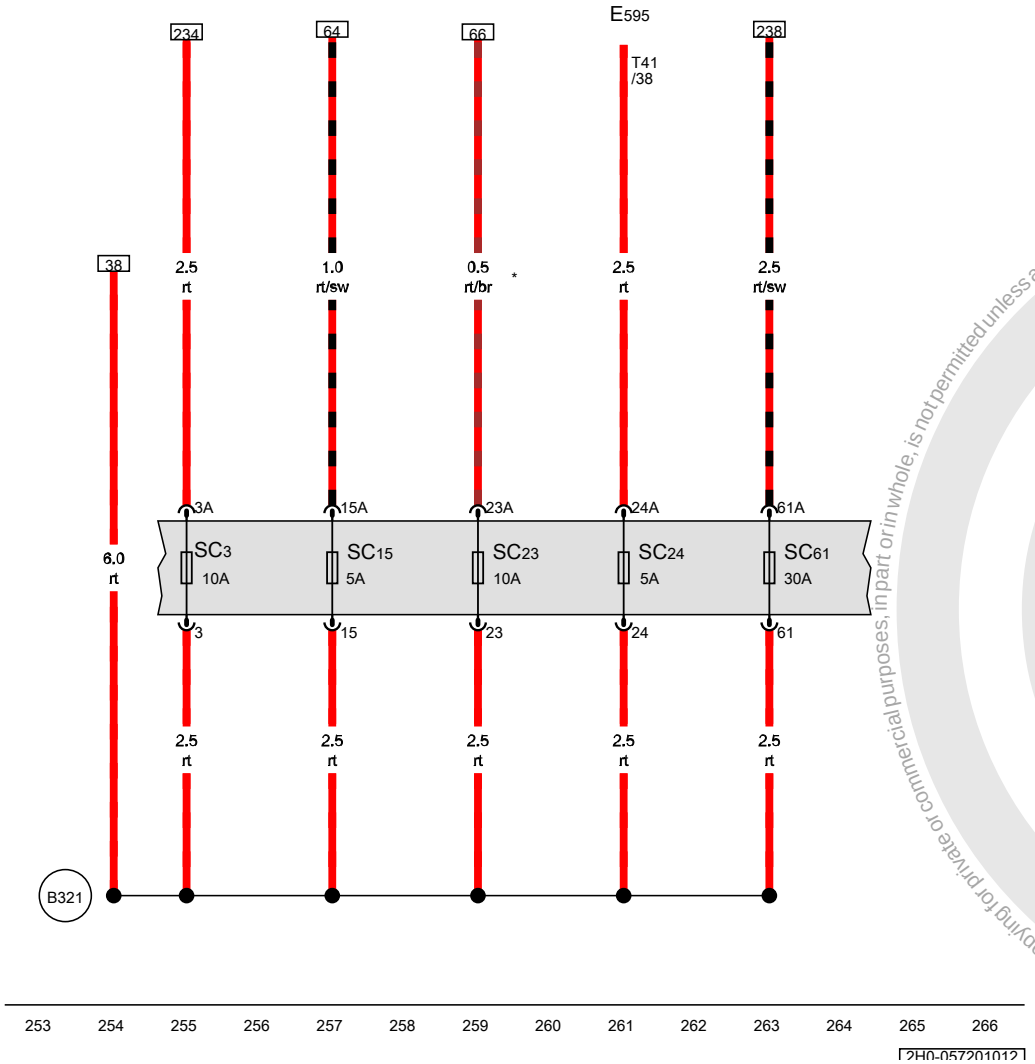
Fuse 3 on fuse holder C, Fuse 15 on fuse holder C, Fuse 23 on fuse holder C, Fuse 24 on fuse holder C, Fuse 61 on fuse holder C

E595	Steering column combination switch
SC3	Fuse 3 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC23	Fuse 23 on fuse holder C
SC24	Fuse 24 on fuse holder C
SC61	Fuse 61 on fuse holder C
T41	41-pin connector, grey
B321	Positive connection 7 (30a) in main wiring harness
*	see applicable current flow diagram for engine



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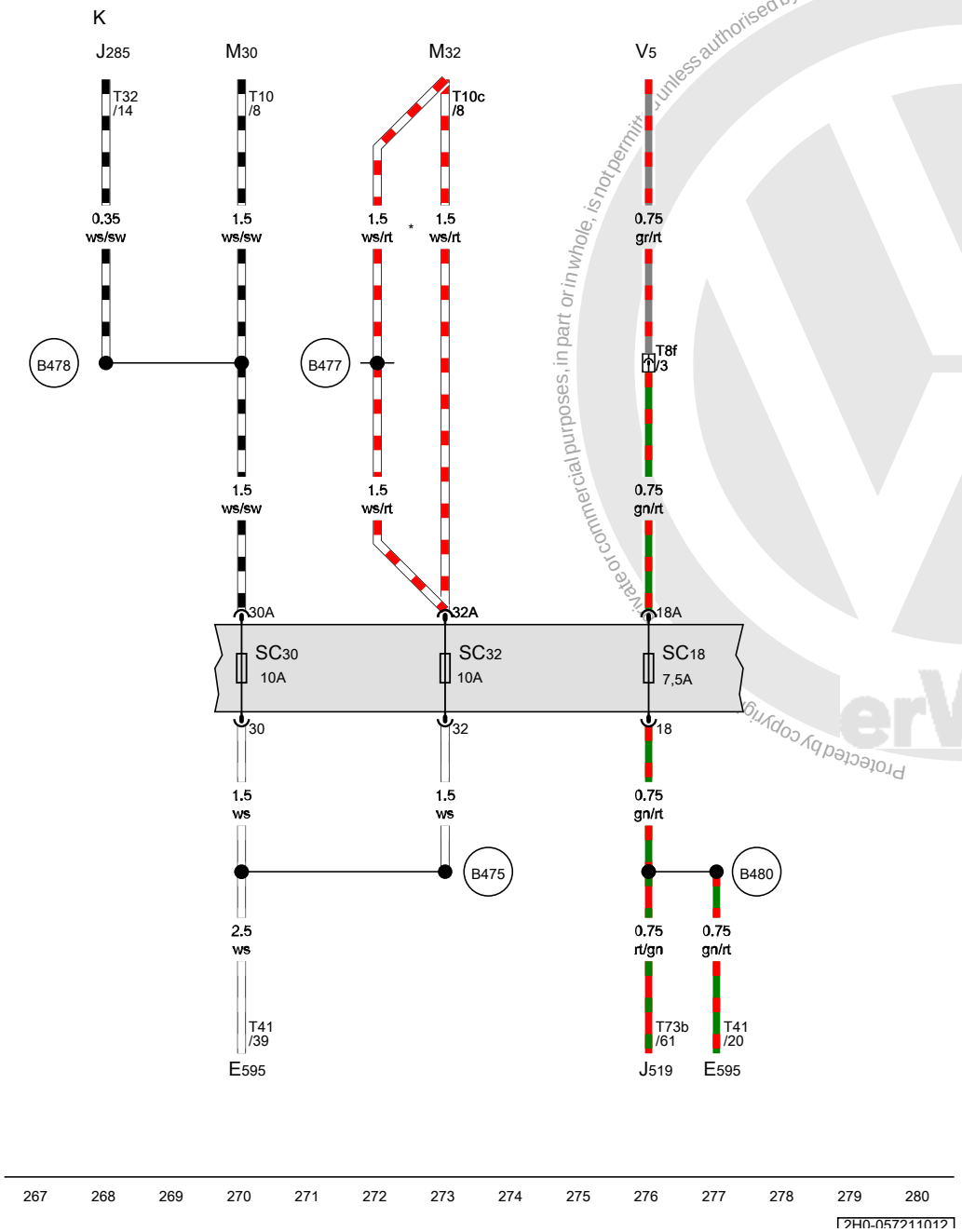

Fuse 18 on fuse holder C, Fuse 30 on fuse holder C, Fuse 32 on fuse holder C

E595	Steering column combination switch
J285	Control unit in dash panel insert
J519	Onboard supply control unit
K	Dash panel insert
M30	Left headlight main beam bulb
M32	Right headlight main beam bulb
SC18	Fuse 18 on fuse holder C
SC30	Fuse 30 on fuse holder C
SC32	Fuse 32 on fuse holder C
T8f	8-pin connector, in rear right of engine compartment, black
T10	10-pin connector, black
T10c	10-pin connector, black
T32	32-pin connector, blue
T41	41-pin connector, grey
T73b	73-pin connector, colourless
V5	Washer pump
B475	Connection 11, in main wiring harness
B477	Connection 13, in main wiring harness
B478	Connection 14, in main wiring harness
B480	Connection 16, in main wiring harness
*	Only models with no electric interface

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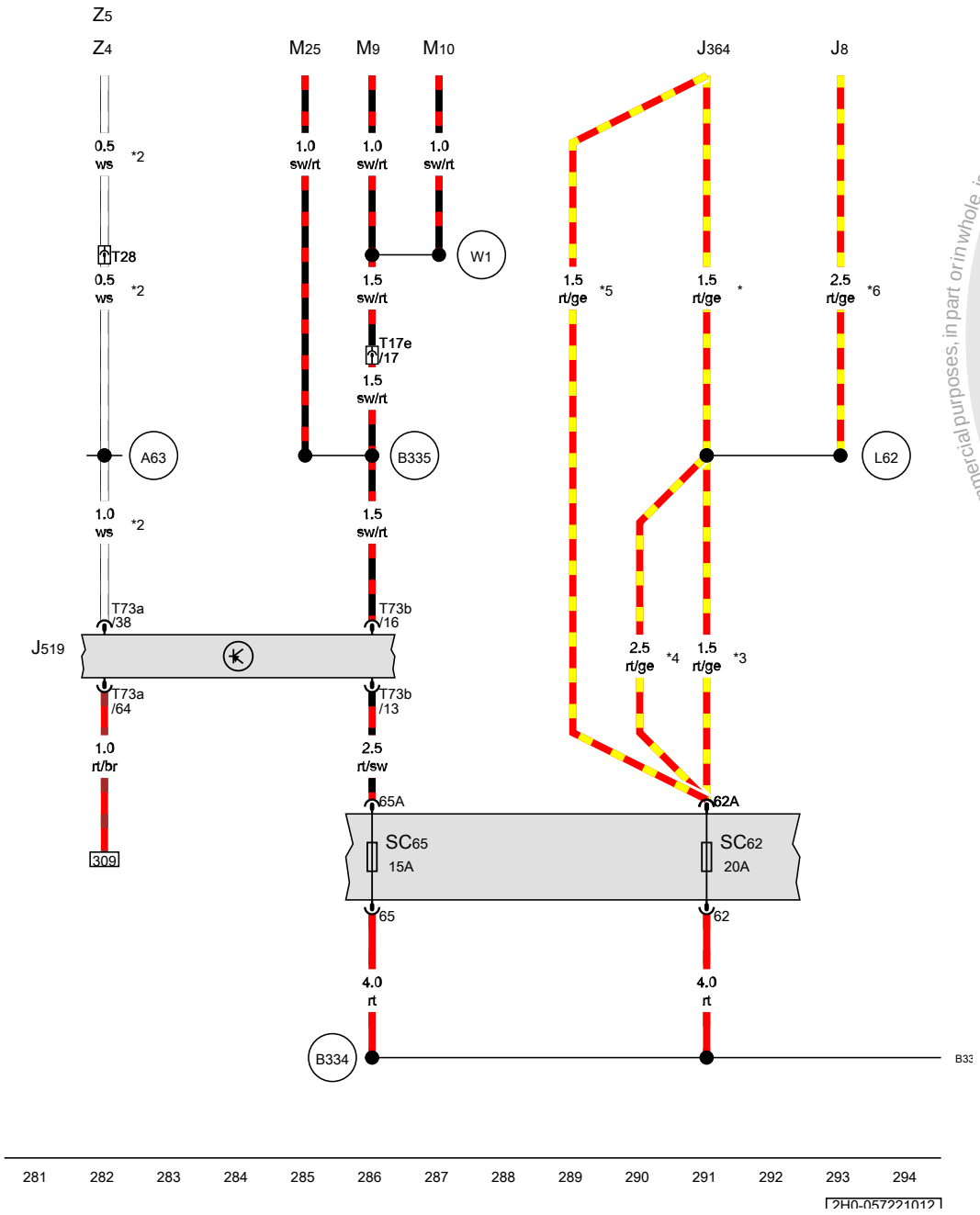

Fuse 62 on fuse holder C, Fuse 65 on fuse holder C

J8	Auxiliary heater relay
J364	Auxiliary heater control unit
J519	Onboard supply control unit
M9	Left brake light bulb
M10	Right brake light bulb
M25	Additional brake light bulb
SC62	Fuse 62 on fuse holder C
SC65	Fuse 65 on fuse holder C
T17e	17-pin connector, near handbrake lever, red
T28	28-pin connector, near A-pillar
T73a	73-pin connector, black
T73b	73-pin connector, colourless
Z4	Heated exterior mirror on driver side
Z5	Heated exterior mirror on front passenger side
A63	Connection (mirror adjustment/heating), in dash panel wiring harness
B334	Positive connection 20 (30a) in main wiring harness
B335	Connection 1 (54), in main wiring harness
L62	Positive connection (30a), in auxiliary heater wiring harness
W1	Positive connection 1 (54), in rear wiring harness
*	Only models with air conditioning system/ Climatronic
*2	see applicable current flow diagram for window regulators/ basic equipment/ convenience system
*3	Only models with Climatronic
*4	Only models with Climatic
*5	Only models with no air conditioning system/Climatronic
*6	see applicable current flow diagram for auxiliary coolant heater

ws	=	white
sw	=	black
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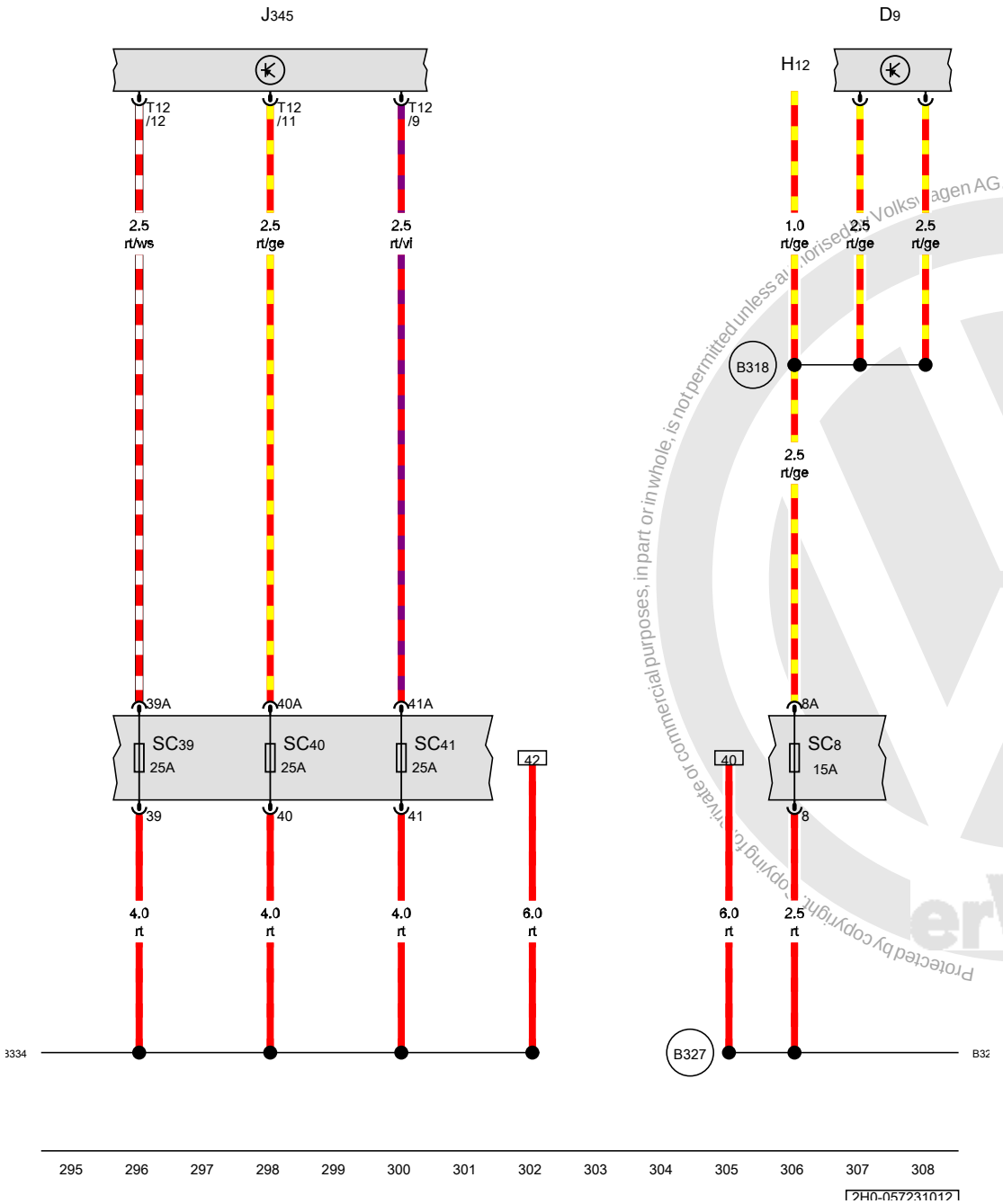

Fuse 8 on fuse holder C, Fuse 39 on fuse holder C, Fuse 40 on fuse holder C, Fuse 41 on fuse holder C

D9	Electronic ignition lock
H12	Alarm horn
J345	Trailer detector control unit
SC8	Fuse 8 on fuse holder C
SC39	Fuse 39 on fuse holder C
SC40	Fuse 40 on fuse holder C
SC41	Fuse 41 on fuse holder C
T12	12-pin connector, red
B318	Positive connection 4 (30a) in main wiring harness
B327	Positive connection 13 (30a) in main wiring harness
B334	Positive connection 20 (30a) in main wiring harness

ws	=	white
sw	=	black
ro	=	red
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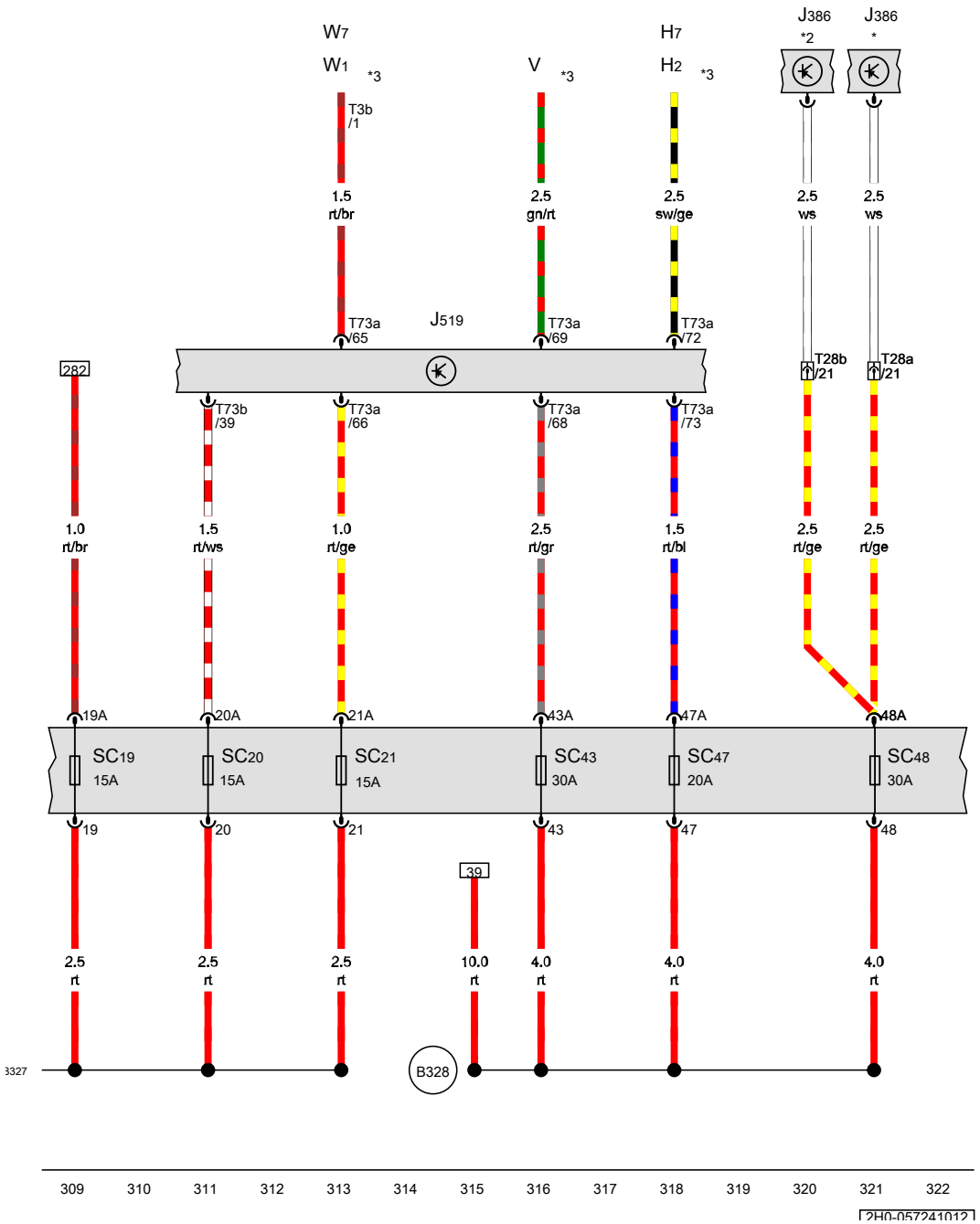

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Fuse 19 on fuse holder C, Fuse 20 on fuse holder C, Fuse 21 on fuse holder C, Fuse 43 on fuse holder C, Fuse 47 on fuse holder C, Fuse 48 on fuse holder C

H2	Treble horn
H7	Bass horn
J386	Driver door control unit
J519	Onboard supply control unit
SC19	Fuse 19 on fuse holder C
SC20	Fuse 20 on fuse holder C
SC21	Fuse 21 on fuse holder C
SC43	Fuse 43 on fuse holder C
SC47	Fuse 47 on fuse holder C
SC48	Fuse 48 on fuse holder C
T3b	3-pin connector
T28a	28-pin connector, in left A-pillar
T28b	28-pin connector, on right A-pillar
T73a	73-pin connector, black
T73b	73-pin connector, colourless
V	Windscreen wiper motor
W1	Front interior light
W7	Centre interior light
B327	Positive connection 13 (30a) in main wiring harness
B328	Positive connection 14 (30a) in main wiring harness
*	Only left-hand drive models
*2	Only right-hand drive models
*3	see applicable current flow diagram for basic equipment

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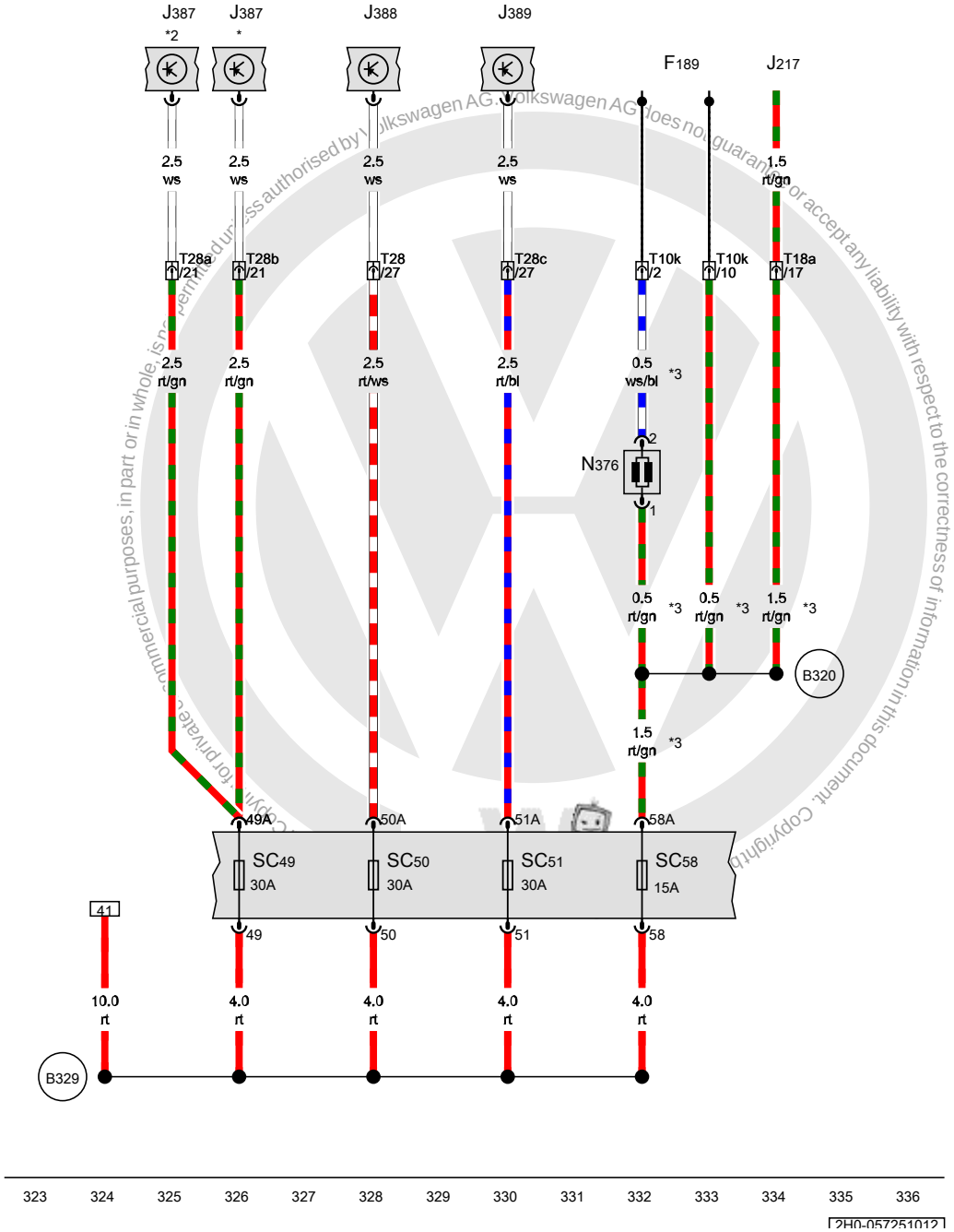

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Fuse 49 on fuse holder C, Fuse 50 on fuse holder C, Fuse 51 on fuse holder C, Fuse 58 on fuse holder C

F189	Tiptronic switch
J217	Automatic gearbox control unit
J387	Front passenger door control unit
J388	Rear left door control unit
J389	Rear right door control unit
N376	Ignition key withdrawal lock solenoid
SC49	Fuse 49 on fuse holder C
SC50	Fuse 50 on fuse holder C
SC51	Fuse 51 on fuse holder C
SC58	Fuse 58 on fuse holder C
T10k	10-pin connector, in left footwell, near centre console, purple
T18a	18-pin connector, near engine control unit, grey
T28	28-pin connector, near A-pillar
T28a	28-pin connector, in left A-pillar
T28b	28-pin connector, on right A-pillar
T28c	28-pin connector
B320	Positive connection 6 (30a) in main wiring harness
B329	Positive connection 15 (30a) in main wiring harness
*	Only left-hand drive models
*2	Only right-hand drive models
*3	Only models with automatic gearbox

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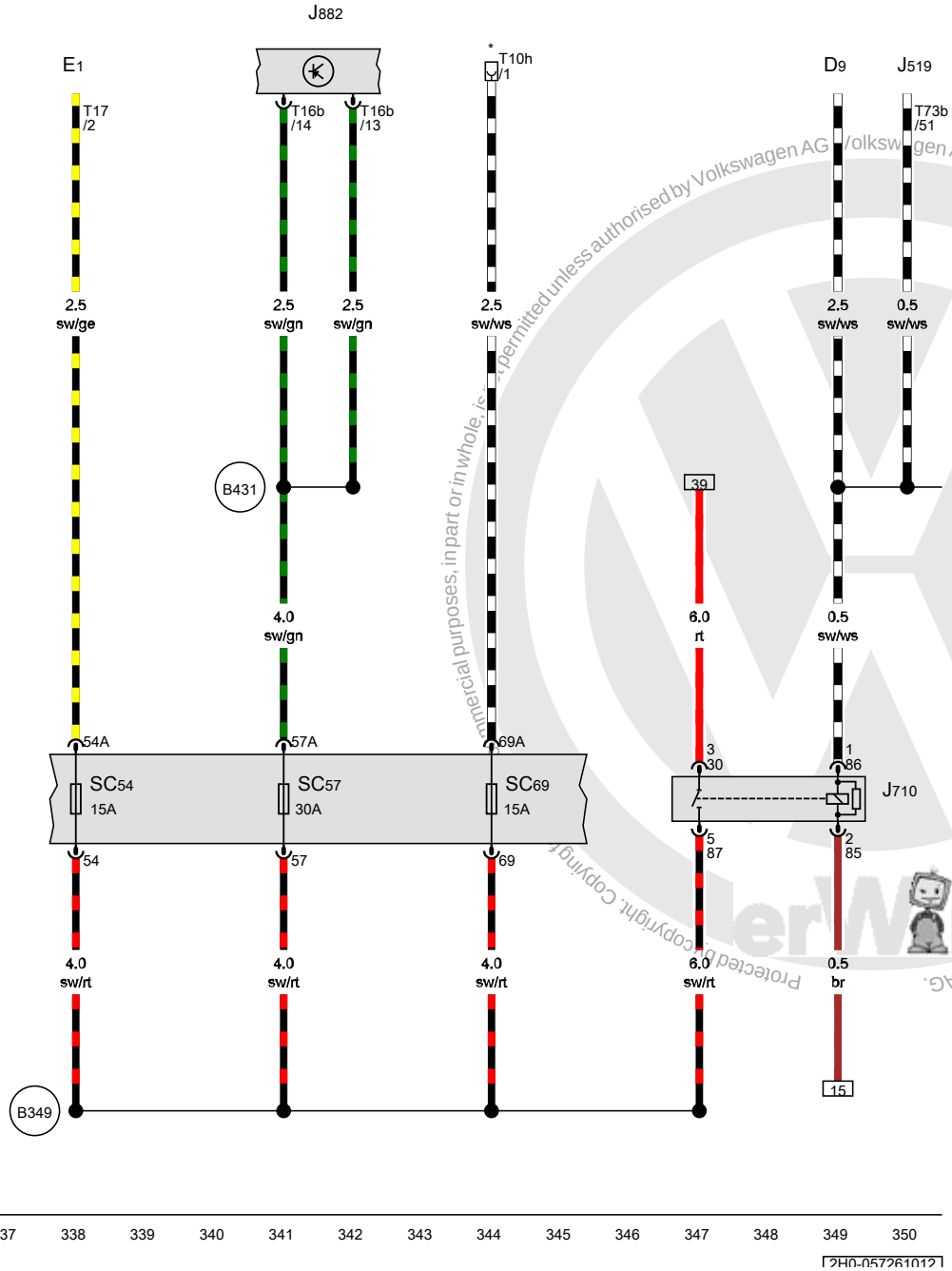

Voltage supply relay 2, Fuse 54 on fuse holder C, Fuse 57 on fuse holder C, Fuse 69 on fuse holder C

D9	Electronic ignition lock
E1	Light switch
J519	Onboard supply control unit
J710	Voltage supply relay 2
J882	Seat heating control unit
SC54	Fuse 54 on fuse holder C
SC57	Fuse 57 on fuse holder C
SC69	Fuse 69 on fuse holder C
T10h	10-pin connector, purple
T16b	16-pin connector, black
T17	17-pin connector, black
T73b	73-pin connector, colourless
B349	Connection 2 (75a), in main wiring harness
B431	Connection (seat heating), in main wiring harness
B490	Connection 26, in main wiring harness
*	Only models with electric interface for external use

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ro	=	red
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gn	=	green
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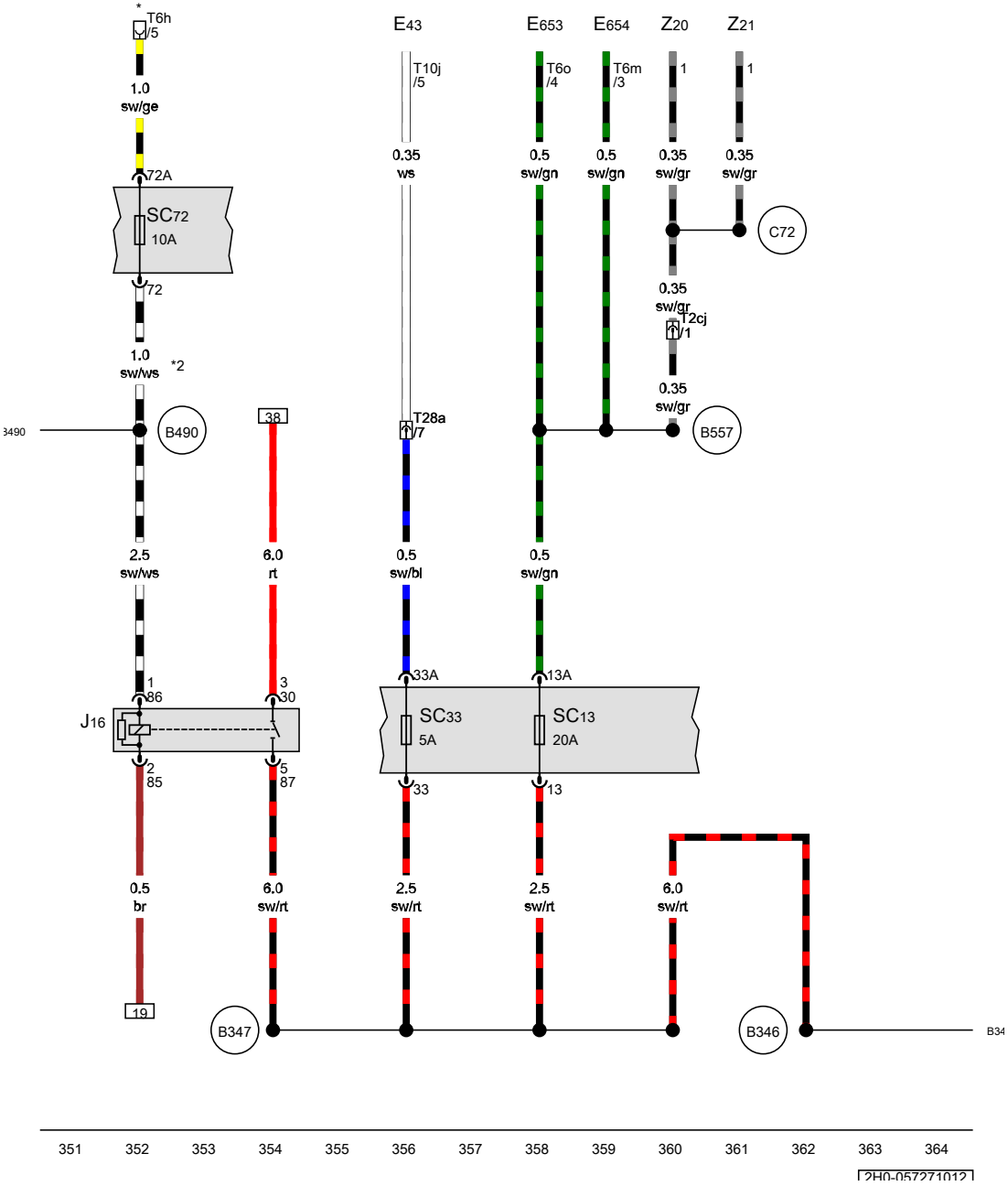

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Current supply relay, Fuse 13 on fuse holder C, Fuse 33 on fuse holder C, Fuse 72 on fuse holder C

E43	Mirror adjustment switch
E653	Button for left seat heating
E654	Button for right seat heating
J16	Current supply relay
SC13	Fuse 13 on fuse holder C
SC33	Fuse 33 on fuse holder C
SC72	Fuse 72 on fuse holder C
T2cj	2-pin connector, near window wiper motor, black
T6h	6-pin connector, in left footwell, near centre console, grey
T6m	6-pin connector, white
T6o	6-pin connector, blue
T10j	10-pin connector, black
T28a	28-pin connector, in left A-pillar
Z20	Left washer jet heater element
Z21	Right washer jet heater element
B346	Connection 1 (75), in main wiring harness
B347	Connection 2 (75), in main wiring harness
B490	Connection 26, in main wiring harness
B557	Positive connection 21 (30a) in main wiring harness
C72	Positive connection in heated washer jet wiring harness
*	Only models with electric interface for external use
*2	Only models with fog lights

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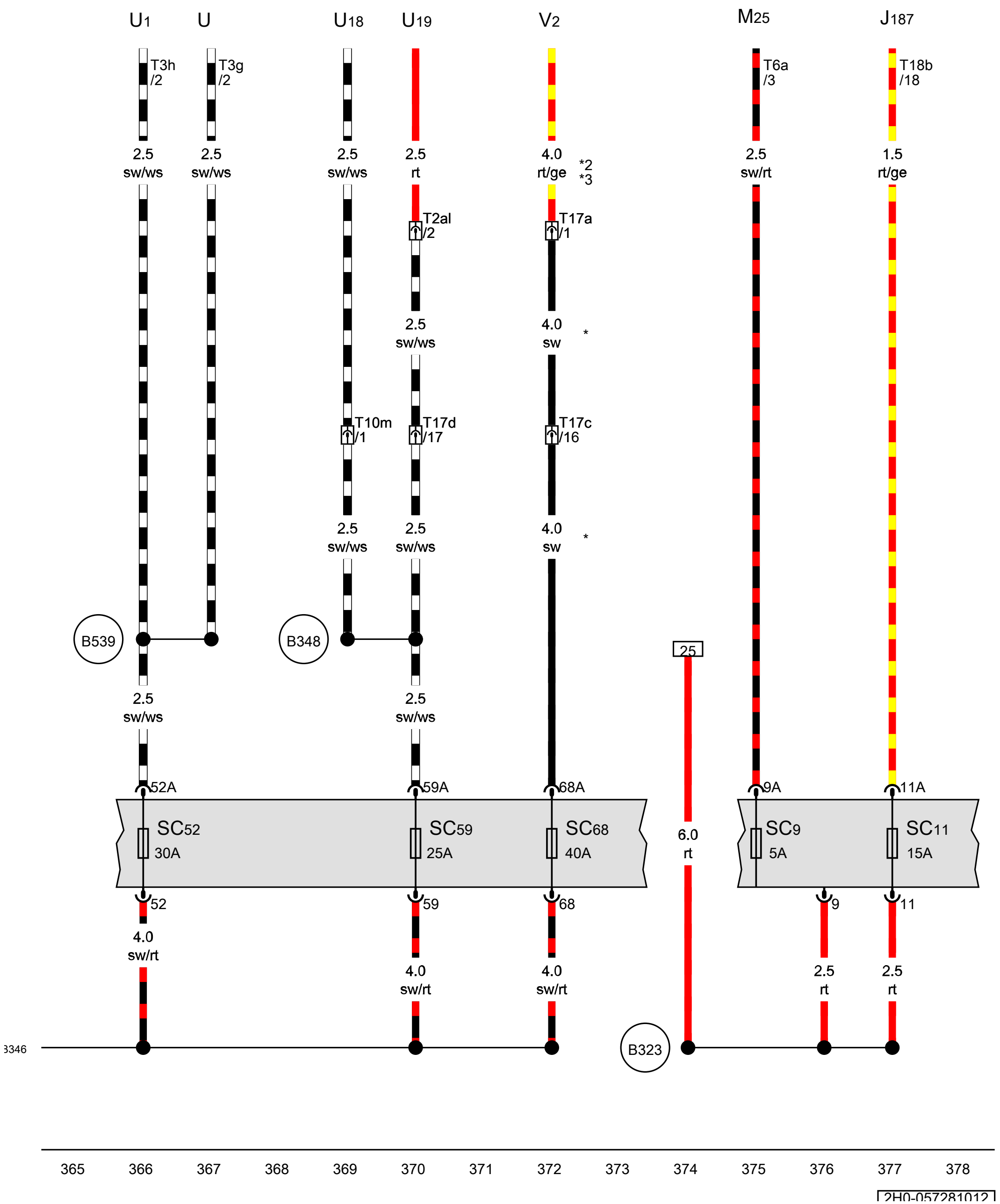
Fuse 9 on fuse holder C, Fuse 11 on fuse holder C, Fuse 52 on fuse holder C, Fuse 59 on fuse holder C, Fuse 68 on fuse holder C



J187	Differential lock control unit
M25	Additional brake light bulb
SC9	Fuse 9 on fuse holder C
SC11	Fuse 11 on fuse holder C
SC52	Fuse 52 on fuse holder C
SC59	Fuse 59 on fuse holder C
SC68	Fuse 68 on fuse holder C
T2al	2-pin connector, in rear left wheel housing, black
T3g	3-pin connector
T3h	3-pin connector, transparent
T6a	6-pin connector
T10m	10-pin connector, near handbrake lever, brown
T17a	17-pin connector, behind glove compartment, black
T17c	17-pin connector, on left under dash panel, black
T17d	17-pin connector, on left under dash panel, red
T18b	18-pin connector
U	Electric socket, on centre console switch module
U1	Cigarette lighter, on centre console switch module
U18	12 V socket 2, in storage compartment, in centre of dash panel
U19	12 V socket 3, in rear left wheel housing
V2	Fresh air blower
B323	Positive connection 9 (30a) in main wiring harness
B346	Connection 1 (75), in main wiring harness
B348	Connection 1 (75a), in main wiring harness
B539	Connection 30, in main wiring harness
*	Only models with no Climatronic
*2	see applicable current flow diagram for manually controlled heater
*3	Only models with air conditioning system

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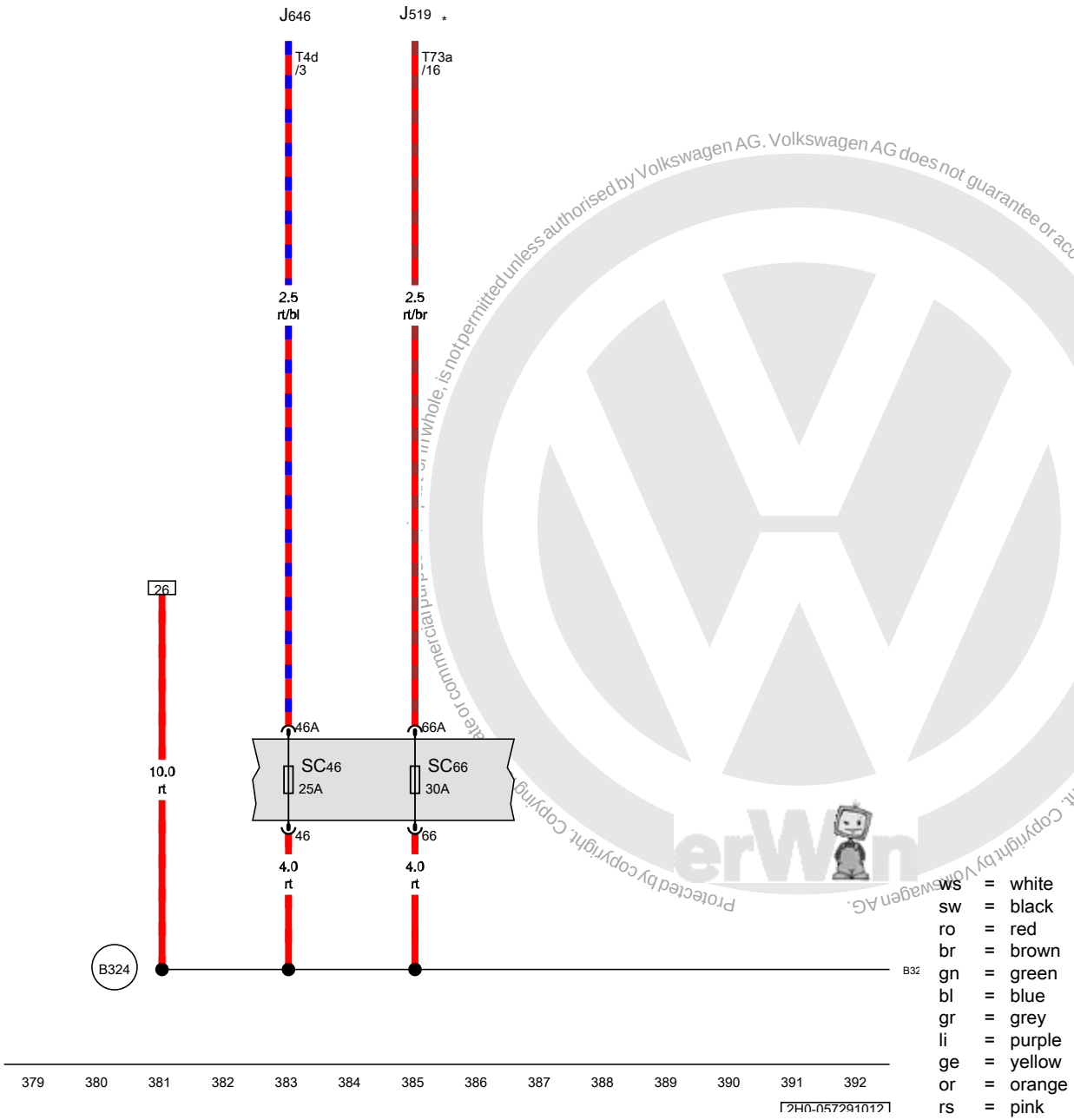
Fuse 46 on fuse holder C, Fuse 66 on fuse holder C

J519	Onboard supply control unit
J646	Transfer box control unit
SC46	Fuse 46 on fuse holder C
SC66	Fuse 66 on fuse holder C
T4d	4-pin connector
T73a	73-pin connector
B324	Positive connection 10 (30a) in main wiring harness
*	see applicable current flow diagram for basic equipment/ central locking



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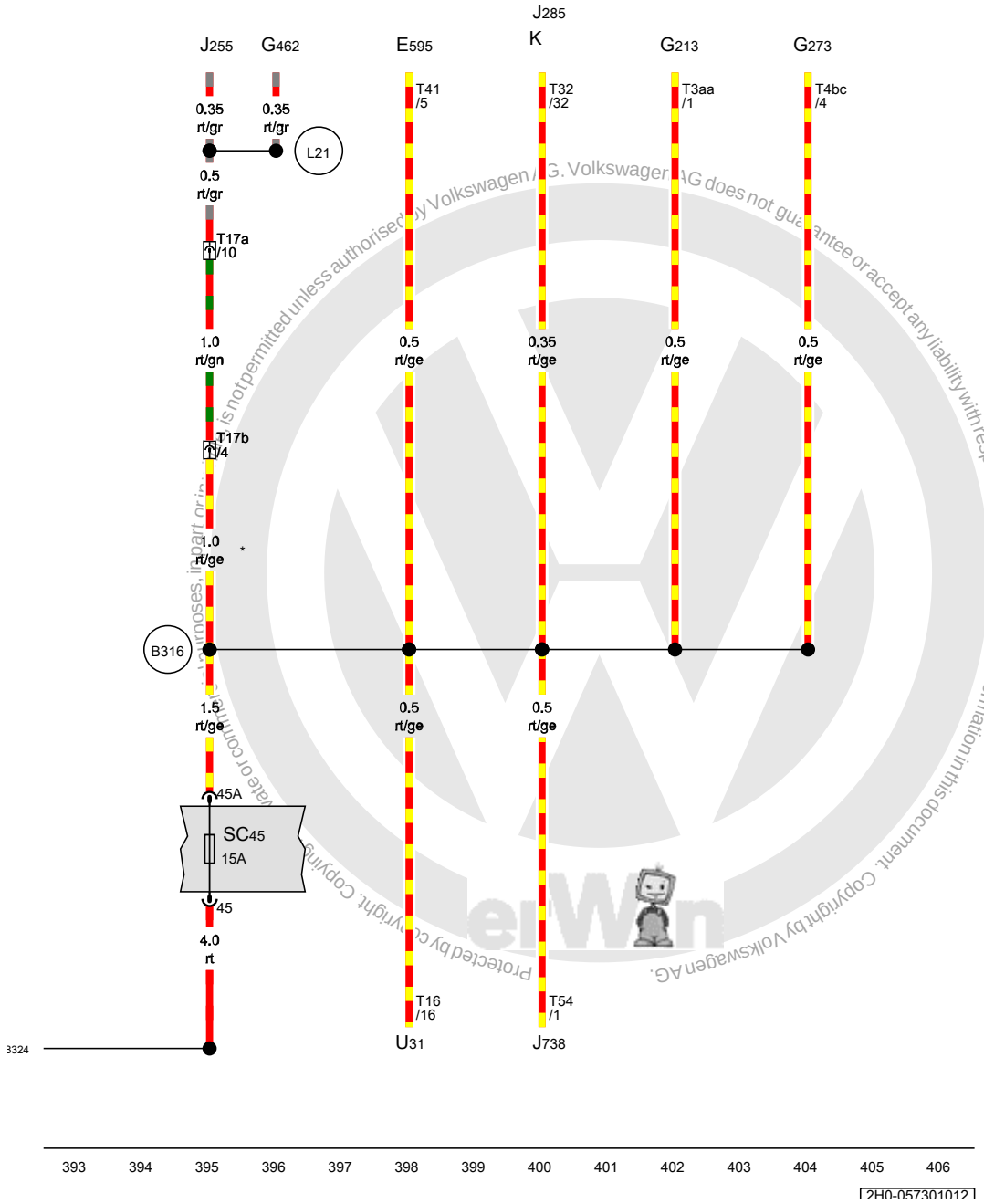

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Steering column combination switch, Rain sensor, Interior monitoring sensor, Telephone controls control unit, Dash panel insert, Fuse 45 on fuse holder C, Diagnostic connection

E595	Steering column combination switch
G213	Rain sensor
G273	Interior monitoring sensor
G462	Sender for front Bitron blower regulation
J255	Climatronic control unit
J285	Control unit in dash panel insert
J738	Telephone controls control unit
K	Dash panel insert
SC45	Fuse 45 on fuse holder C
T3aa	3-pin connector, black
T4bc	4-pin connector
T16	16-pin connector, black
T17a	17-pin connector, behind glove compartment, black
T17b	17-pin connector, on left under dash panel, brown
T32	32-pin connector, blue
T41	41-pin connector, grey
T54	54-pin connector
U31	Diagnostic connection
B316	Positive connection 2 (30a) in main wiring harness
B324	Positive connection 10 (30a) in main wiring harness
L21	Connection 1 (30), in Climatronic operating unit wiring harness
*	Only models with Climatronic

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sw	=	black
ro	=	red
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gn	=	green
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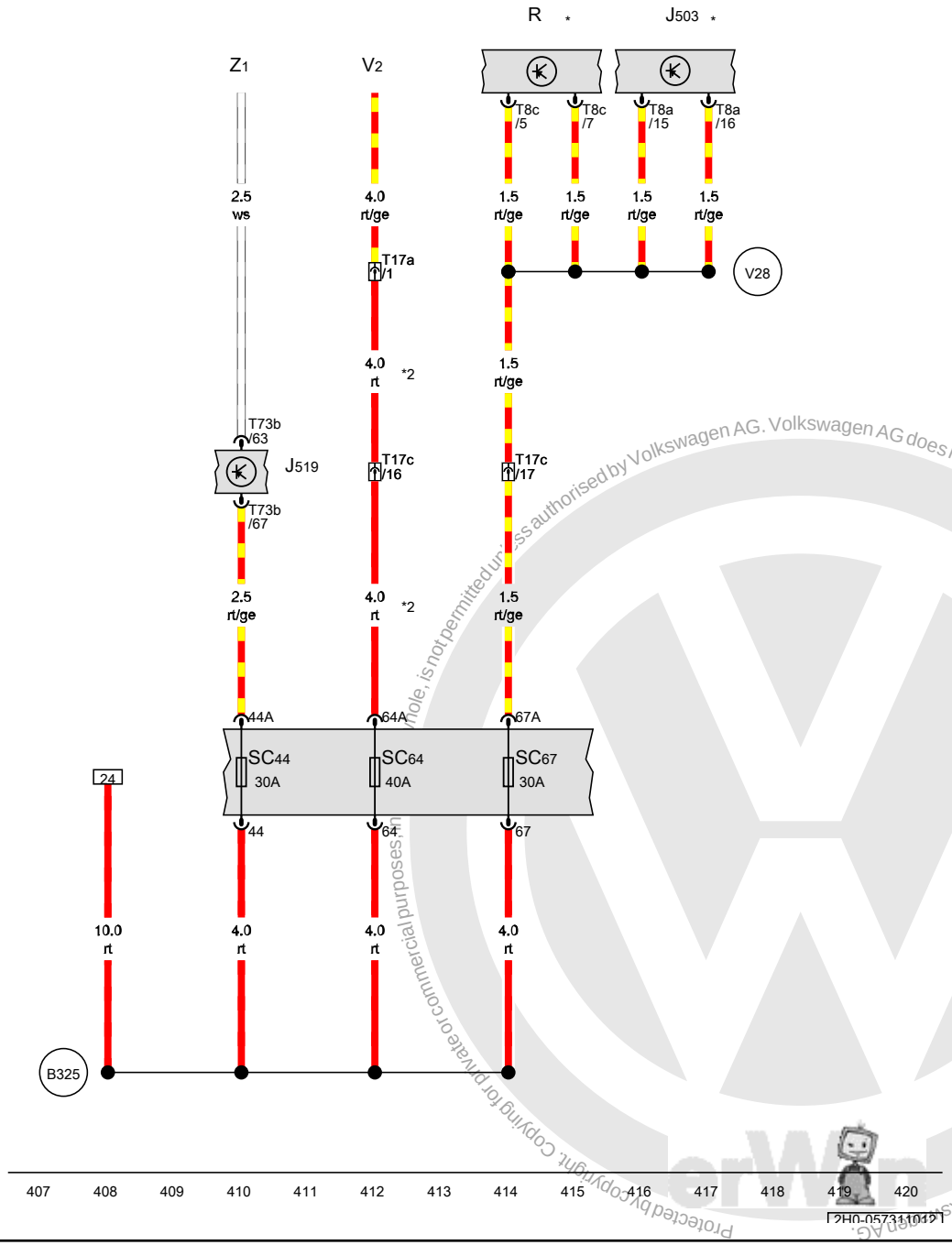

Fuse 44 on fuse holder C, Fuse 64 on fuse holder C, Fuse 67 on fuse holder C

J503	Control unit with display for radio and navigation
J519	Onboard supply control unit
R	Radio
SC44	Fuse 44 on fuse holder C
SC64	Fuse 64 on fuse holder C
SC67	Fuse 67 on fuse holder C
T8a	8-pin connector, black
T8c	8-pin connector, black
T17a	17-pin connector, behind glove compartment, black
T17c	17-pin connector, on left under dash panel, black
T73b	73-pin connector
V2	Fresh air blower
Z1	Heated rear window
B325	Positive connection 11 (30a) in main wiring harness
V28	Connection 1, in radio wiring harness
*	According to equipment
*2	Only models with Climatronic
*3	Only models with electric interface for external use

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Seat heating

From June 2012

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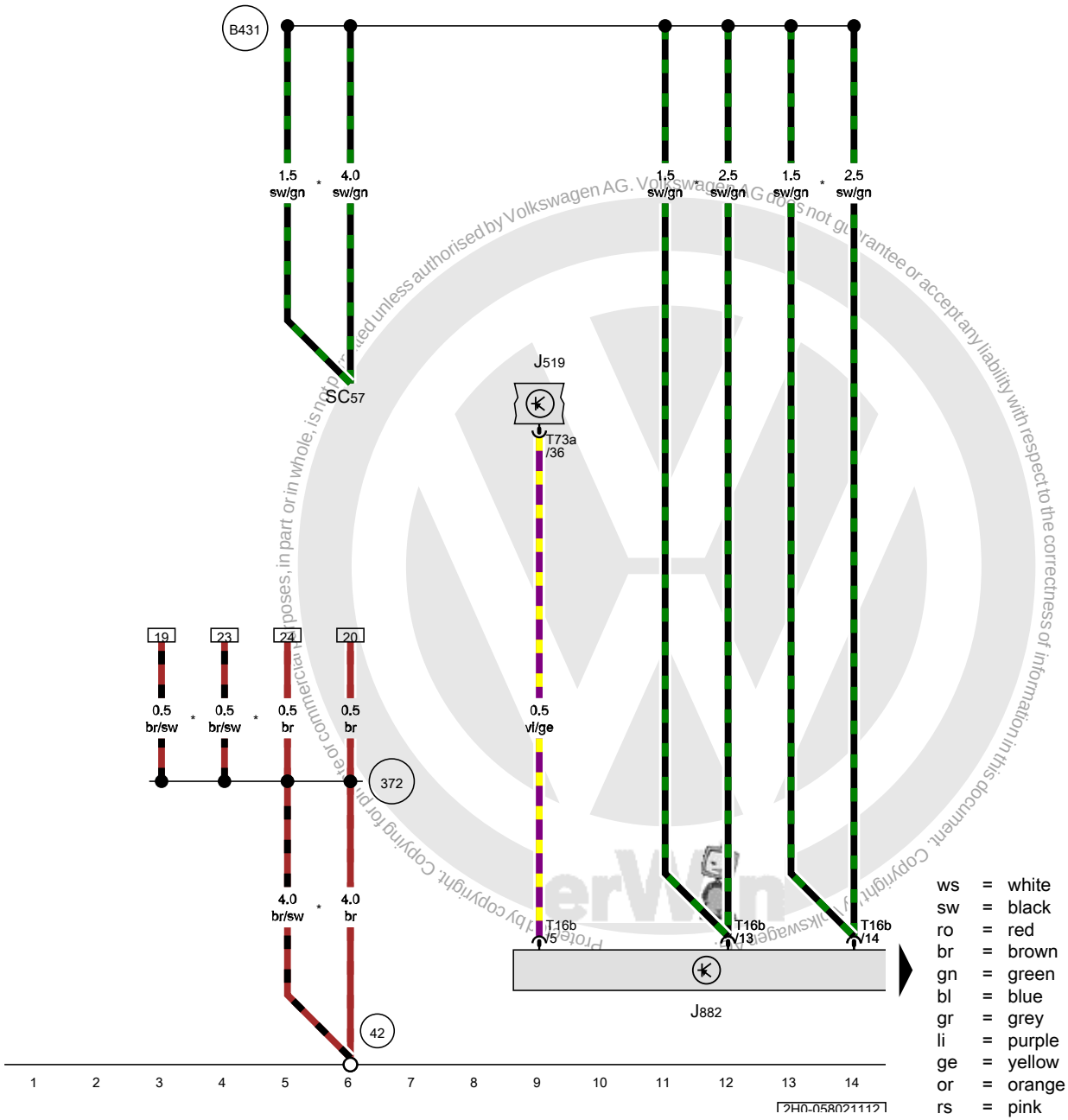
Onboard supply control unit, Seat heating control unit, Fuse 57 on fuse holder C

J519	Onboard supply control unit
J882	Seat heating control unit
SC57	Fuse 57 on fuse holder C
T16b	16-pin connector, black
T73a	73-pin connector, black
42	Earth point, next to steering column
372	Earth connection 7, in main wiring harness
B431	Connection (seat heating), in main wiring harness
*	From January 2013



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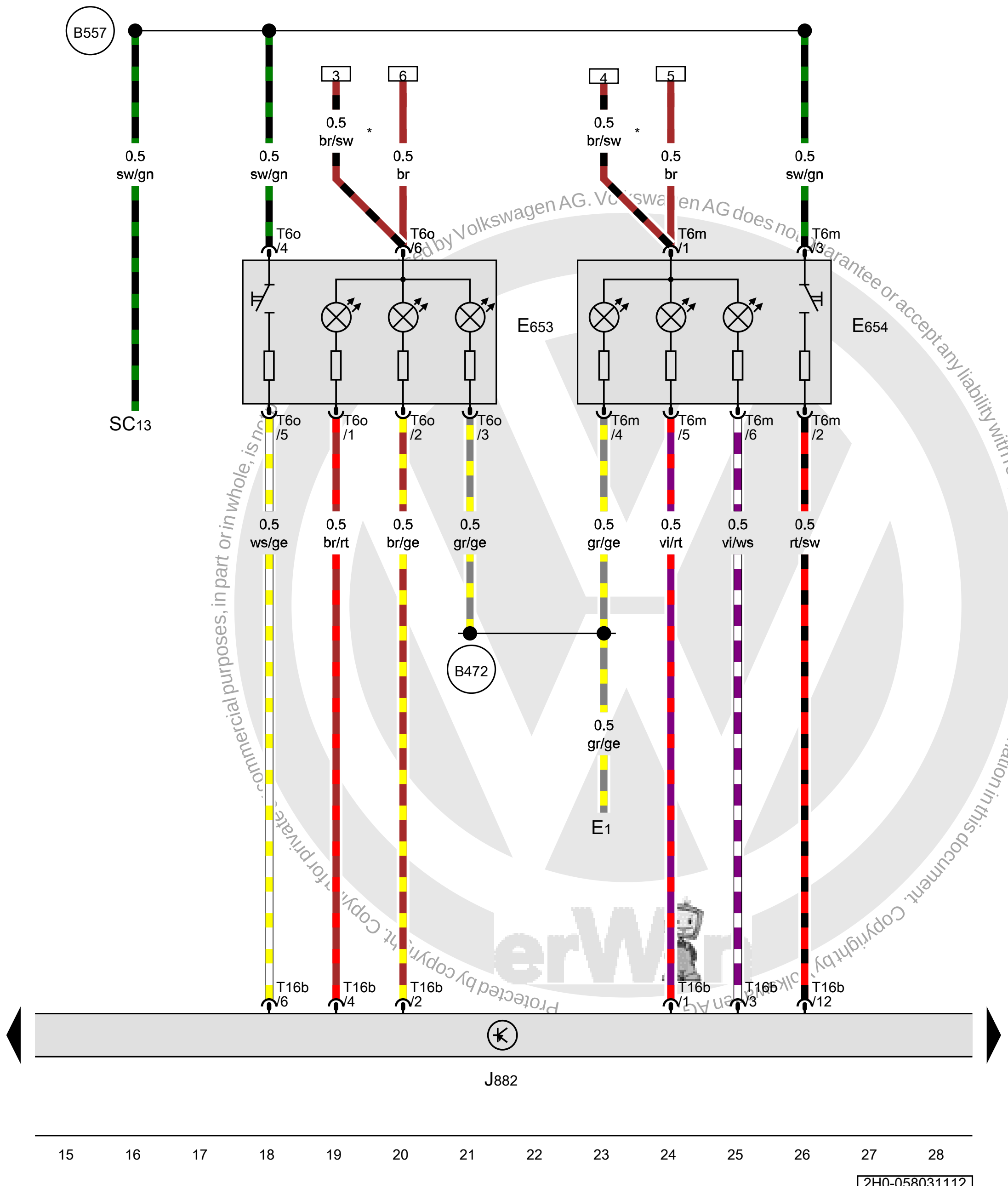
Light switch, Button for left seat heating, Button for right seat heating, Seat heating control unit



E1		Light switch
E653		Button for left seat heating
E654		Button for right seat heating
J882		Seat heating control unit
SC13		Fuse 13 on fuse holder C
T6m		6-pin connector, white
T6o		6-pin connector, blue
T16b		16-pin connector, black
B472		Connection 8, in main wiring harness
B557		Positive connection 21 (30a) in main wiring harness
*		From January 2013

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
bl	=	blue
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rs	=	pink

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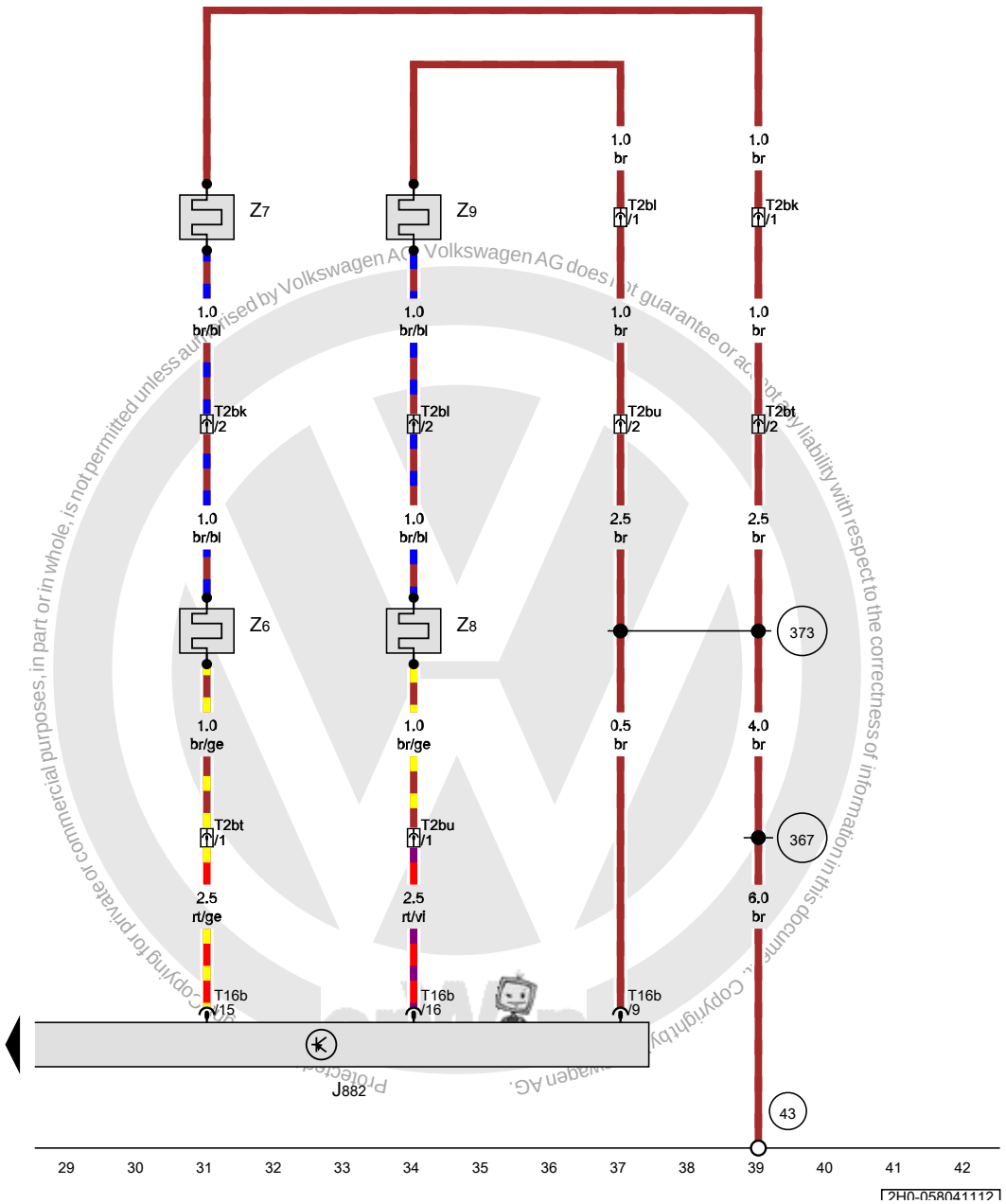

Seat heating control unit, Heated backrest for driver seat, Heated seat cushion for front passenger seat, Heated backrest for front passenger seat

J882	Seat heating control unit
T2bk	2-pin connector, in seat, black
T2bl	2-pin connector, in seat, black
T2bt	2-pin connector, under seat on front left, black
T2bu	2-pin connector, under seat on front right, black
T16b	16-pin connector, black
Z6	Heated seat cushion for driver seat
Z7	Heated backrest for driver seat
Z8	Heated seat cushion for front passenger seat
Z9	Heated backrest for front passenger seat
43	Earth point, lower part of right A-pillar
367	Earth connection 2, in main wiring harness
373	Earth connection 8, in main wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Exterior lighting , (7L3),(8K0),(8K1)

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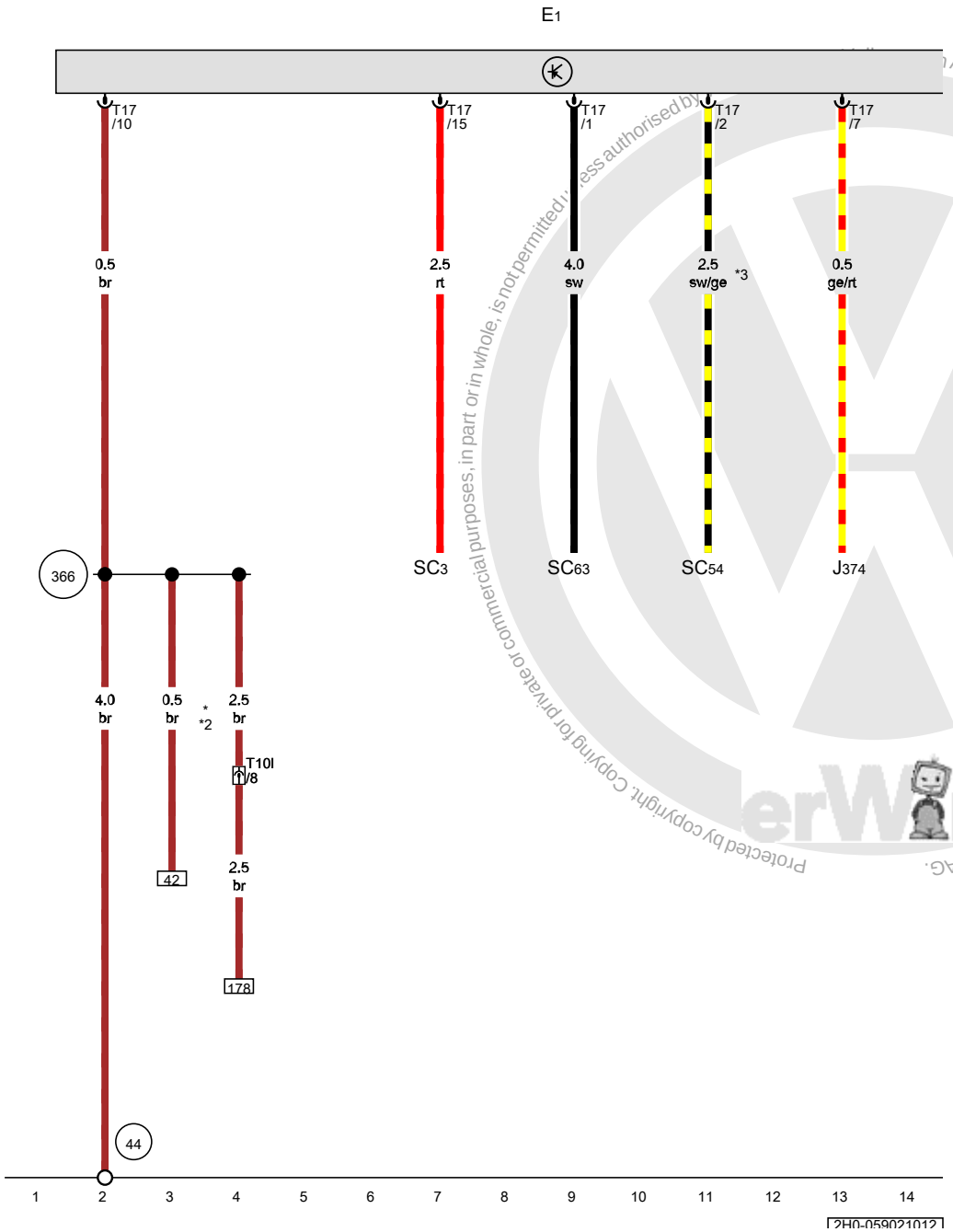

Light switch

E1	Light switch
J374	Terminal 58b relief relay
SC3	Fuse 3 on fuse holder C
SC54	Fuse 54 on fuse holder C
SC63	Fuse 63 on fuse holder C
T10l	10-pin connector
T17	17-pin connector, black
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
*	Only models with headlight range control
*2	Only models with Highline equipment
*3	Only models with fog lights

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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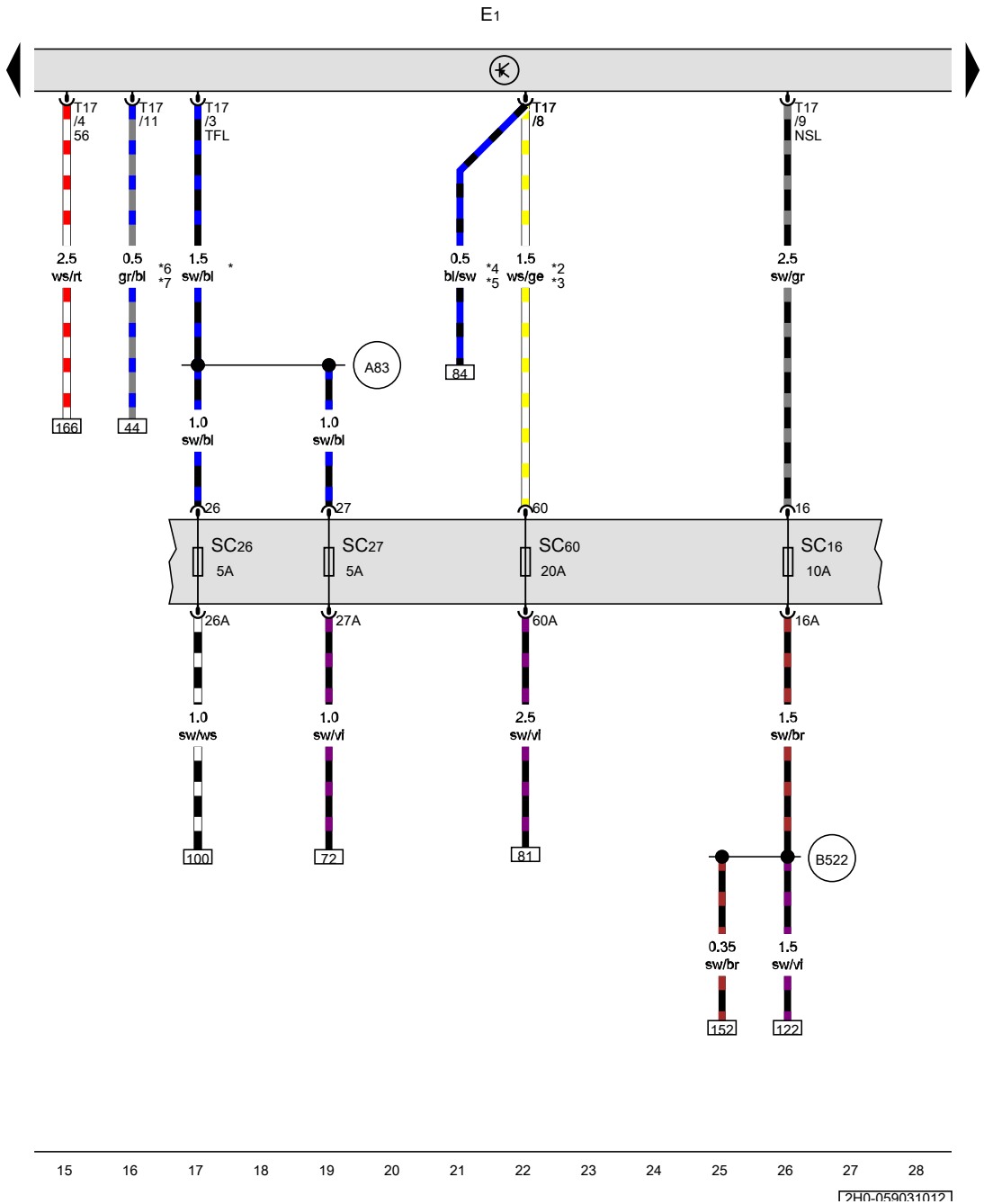

Light switch, Fuse 16 on fuse holder C, Fuse 26 on fuse holder C, Fuse 27 on fuse holder C, Fuse 60 on fuse holder C

E1	Light switch
SC16	Fuse 16 on fuse holder C
SC26	Fuse 26 on fuse holder C
SC27	Fuse 27 on fuse holder C
SC60	Fuse 60 on fuse holder C
T17	17-pin connector, black
A83	Connection (daytime running lights), in dash panel wiring harness
B522	Connection (FL), in main wiring harness
*	Only models with daytime running lights
*2	Only models with fog lights
*3	Only models with no automatic headlight control with coming home
*4	Only models with automatic driving lights control
*5	Only models with no start/stop system
*6	Only models with electric interface for external use
*7	Only models with basic equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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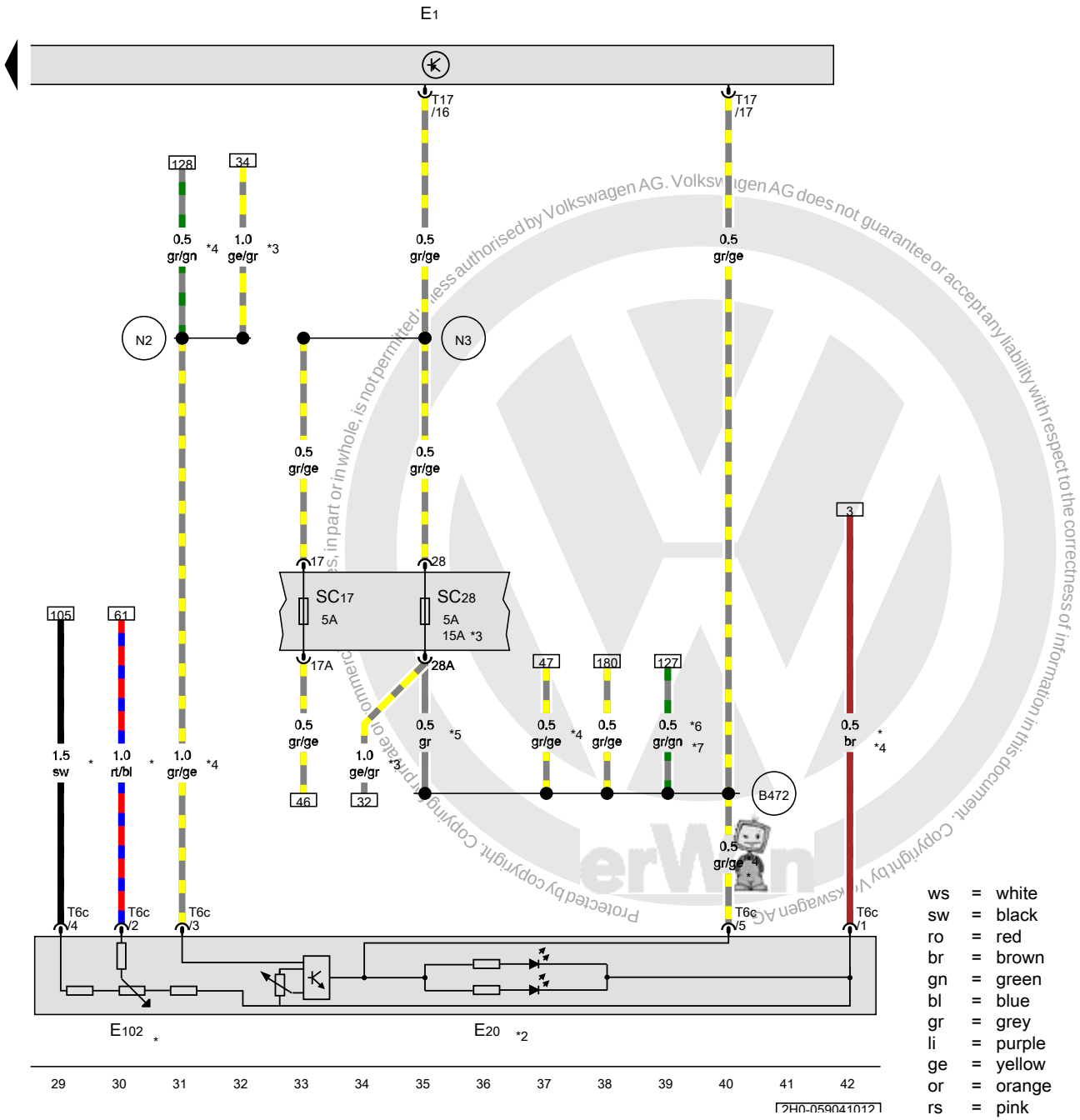

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Light switch, Switch and instrument illumination regulator, Headlight range control regulator, Fuse 28 on fuse holder C

E1	Light switch
E20	Switch and instrument illumination regulator
E102	Headlight range control regulator
SC17	Fuse 17 on fuse holder C
SC28	Fuse 28 on fuse holder C
T6c	6-pin connector, black
T17	17-pin connector, black
B472	Connection 8, in main wiring harness
N2	Connection 1, in headlight range control wiring harness
N3	Connection 2, in headlight range control wiring harness
*	Only models with headlight range control
*2	Only models with dimmable instrument illumination
*3	Only models with automatic driving lights control
*4	Only models with Highline equipment
*5	Only models with no dimmable instrument illumination
*6	Only models with Trendline equipment
*7	Only models with basic equipment

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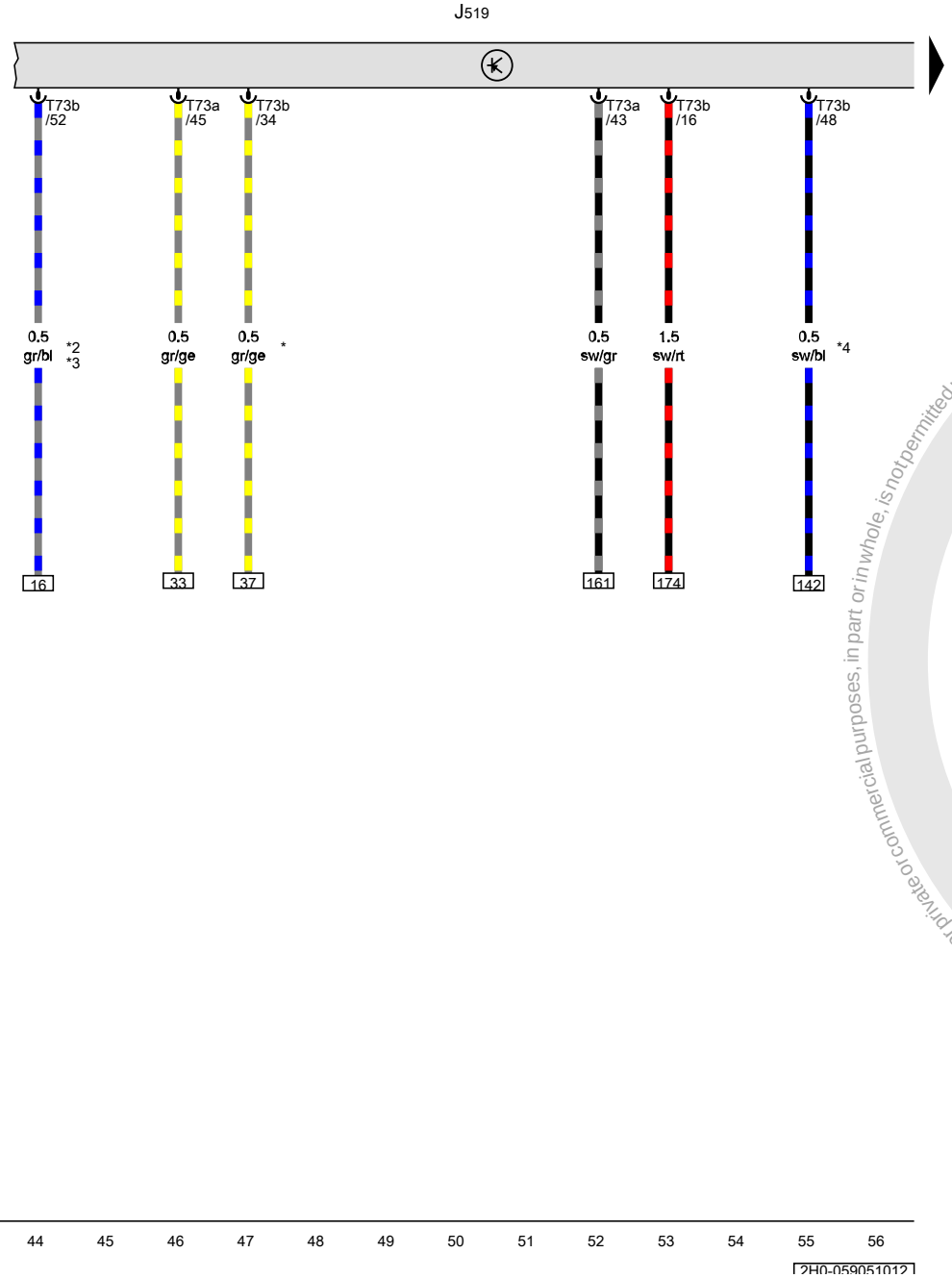

Onboard supply control unit

J519	Onboard supply control unit
T73a	73-pin connector, black
T73b	73-pin connector, colourless
*	Only models with Highline equipment
*2	Only models with electric interface for external use
*3	Only models with basic equipment
*4	Only models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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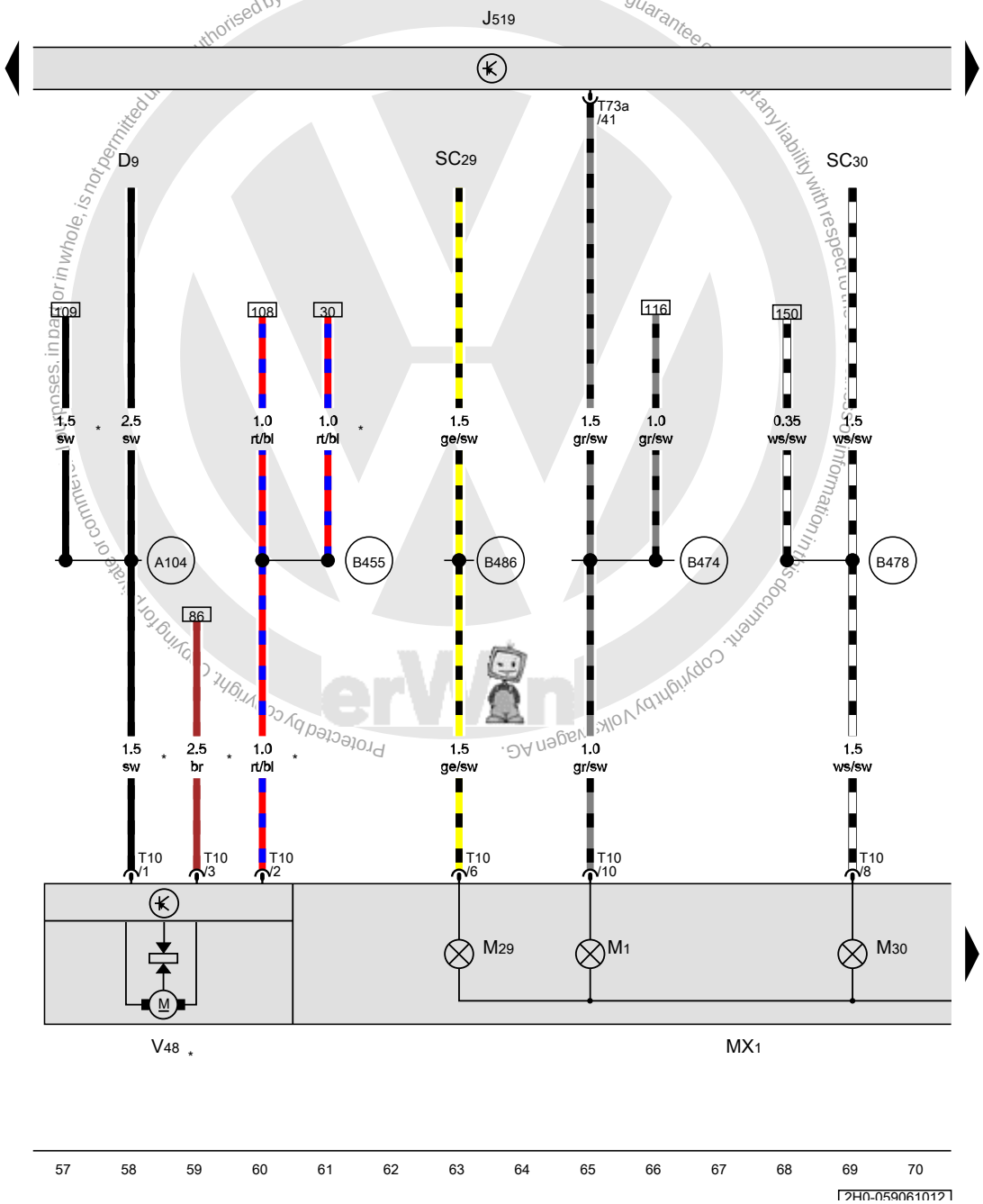

Onboard supply control unit, Front left headlight, Fuse 29 on fuse holder C

D9	Electronic ignition lock
J519	Onboard supply control unit
MX1	Front left headlight
M1	Left side light bulb
M29	Left headlight dipped beam bulb
M30	Left headlight main beam bulb
SC29	Fuse 29 on fuse holder C
SC30	Fuse 30 on fuse holder C
T10	10-pin connector
T73a	73-pin connector, black
V48	Left headlight range control motor
A104	Positive connection 2 (15), in dash panel wiring harness
B455	Connection (HRC), in main wiring harness
B474	Connection 10, in main wiring harness
B478	Connection 14, in main wiring harness
B486	Connection 22, in main wiring harness
*	Only models with headlight range control

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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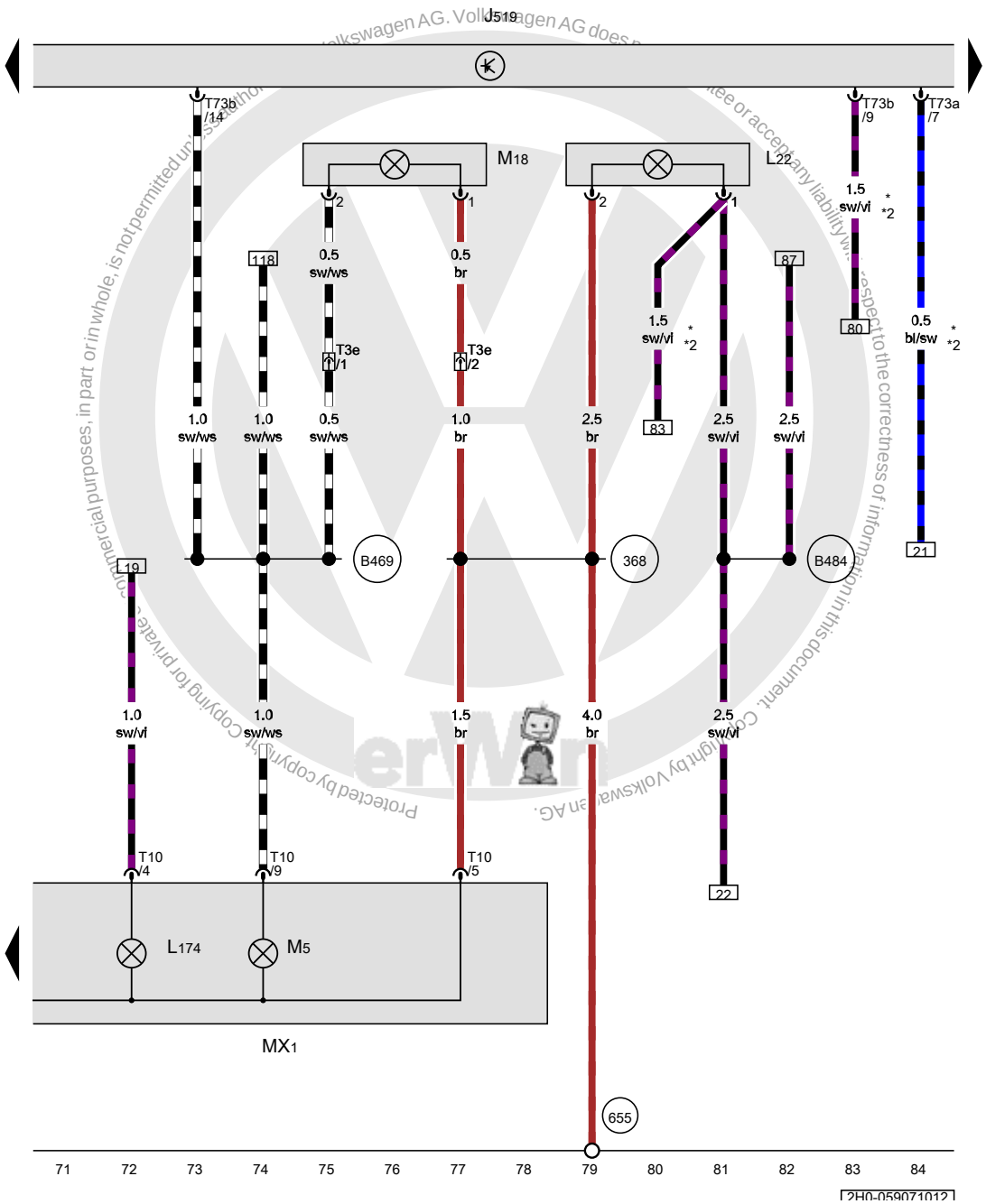

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Onboard supply control unit, Left fog light bulb, Front left headlight, Left turn signal repeater bulb

J519	Onboard supply control unit
L22	Left fog light bulb
L174	Left daytime running light bulb
MX1	Front left headlight
M5	Front left turn signal bulb
M18	Left turn signal repeater bulb
T3e	3-pin connector, in rear left of engine compartment, black
T10	10-pin connector
T73a	73-pin connector, black
T73b	73-pin connector, colourless
368	Earth connection 3, in main wiring harness
655	Earth point, on left headlight, on left on bulkhead
B469	Connection 5, in main wiring harness
B484	Connection 20, in main wiring harness
*	Only models with automatic driving lights control
*2	Only models with no start/stop system

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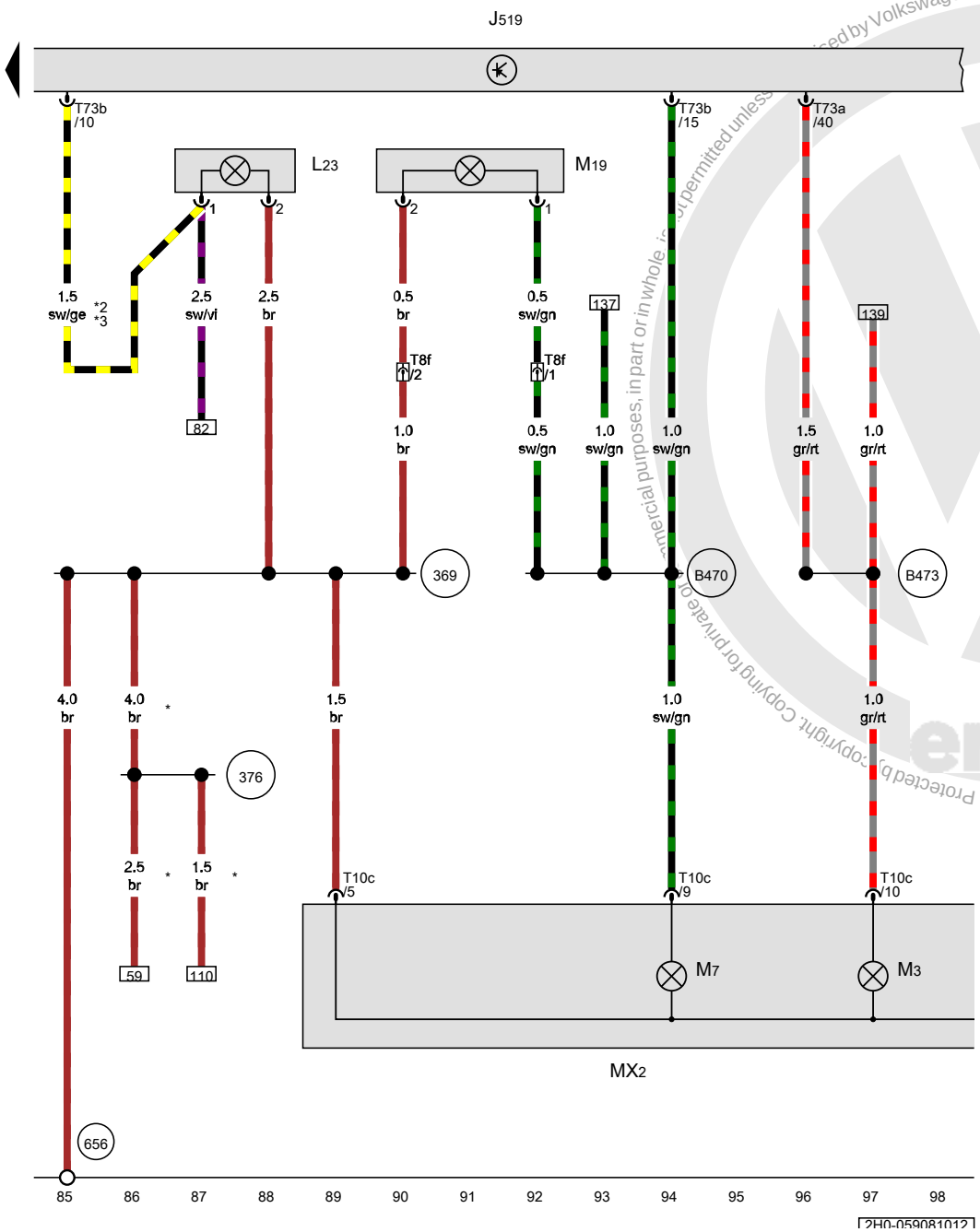

Onboard supply control unit, Right fog light bulb, Front right headlight, Right turn signal repeater bulb

J519	Onboard supply control unit
L23	Right fog light bulb
MX2	Front right headlight
M3	Right side light bulb
M7	Front right turn signal bulb
M19	Right turn signal repeater bulb
T8f	8-pin connector, in rear right of engine compartment, black
T10c	10-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, colourless
369	Earth connection 4, in main wiring harness
376	Earth connection 11, in main wiring harness
656	Earth point, on right headlight, on right on bulkhead
B470	Connection 6, in main wiring harness
B473	Connection 9, in main wiring harness
*	Only models with headlight range control
*2	Only models with automatic driving lights control
*3	Only models with no start/stop system

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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or	=	orange
rs	=	pink

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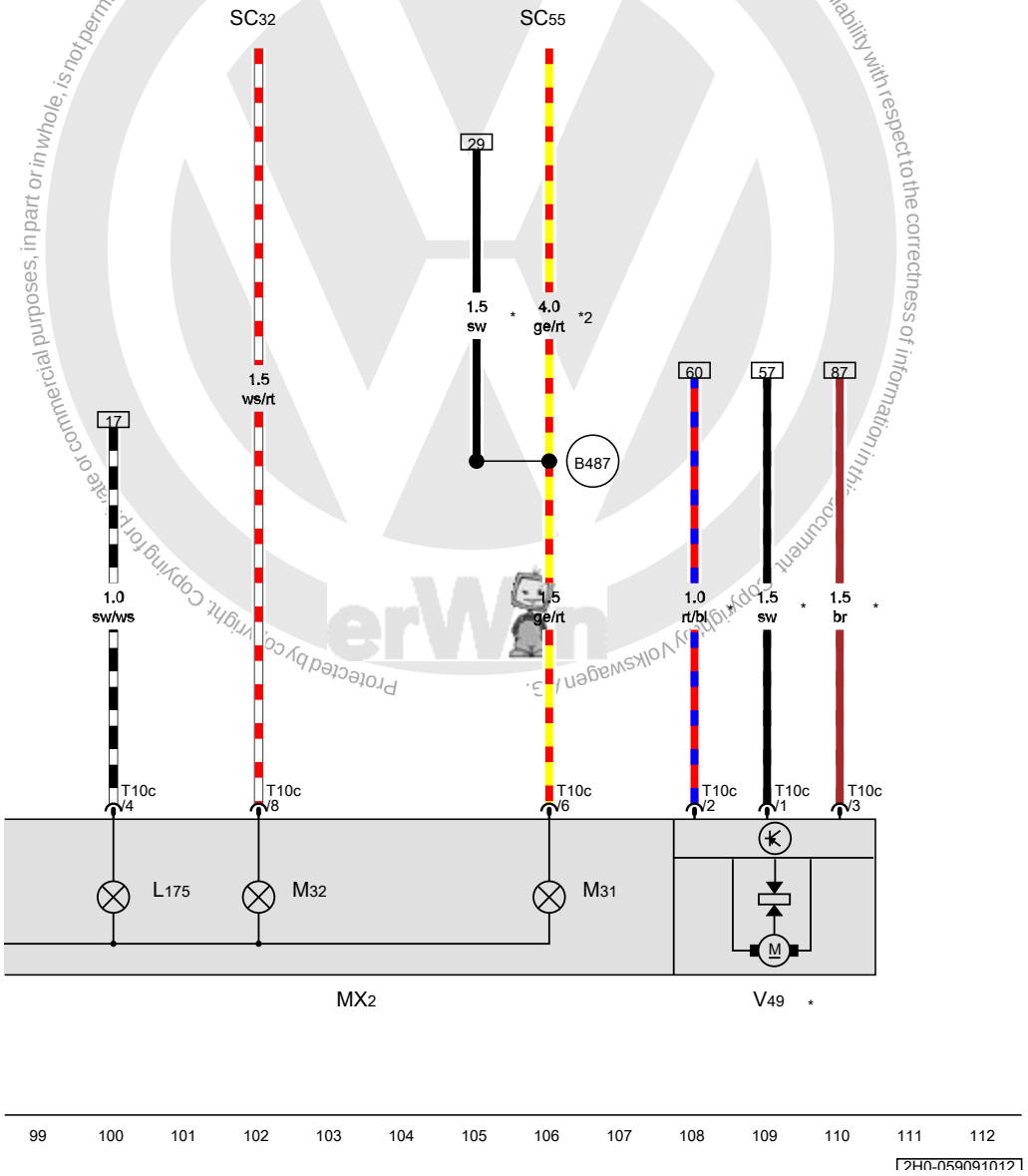

Front right headlight, Fuse 32 on fuse holder C, Fuse 55 on fuse holder C

L175	Right daytime running light bulb
MX2	Front right headlight
M31	Right headlight dipped beam bulb
M32	Right headlight main beam bulb
SC32	Fuse 32 on fuse holder C
SC55	Fuse 55 on fuse holder C
T10c	10-pin connector, black
V49	Right headlight range control motor
B487	Connection 23, in main wiring harness
*	Only models with headlight range control
*2	Only models with no headlight range control

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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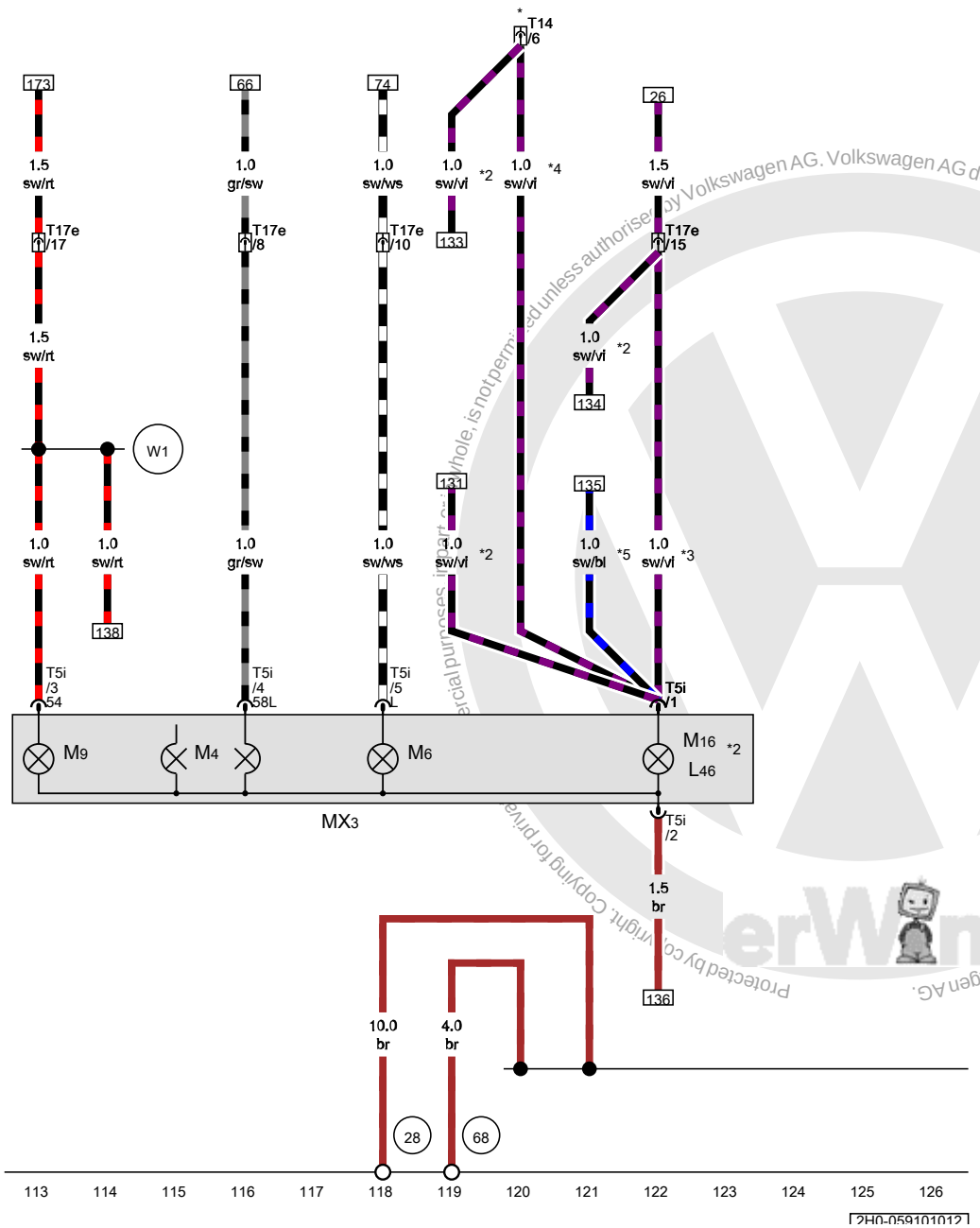

Left tail light

L46	Rear left fog light bulb
MX3	Left tail light
M4	Left tail light bulb
M6	Rear left turn signal bulb
M9	Left brake light bulb
M16	Left reversing light bulb
T5i	5-pin connector, black
T14	14-pin connector, behind rear bumper on left, black
T17e	17-pin connector, near handbrake lever, red
28	Earth point, on bulkhead
68	Earth point, on left of rear cross member
86	Earth connection 1, in rear wiring harness
W1	Positive connection 1 (54), in rear wiring harness
*	see applicable current flow diagram for preparation for trailer coupling
*2	Only right-hand drive models
*3	Only models with no towing bracket
*4	Only left-hand drive models
*5	Only models with no rear fog light

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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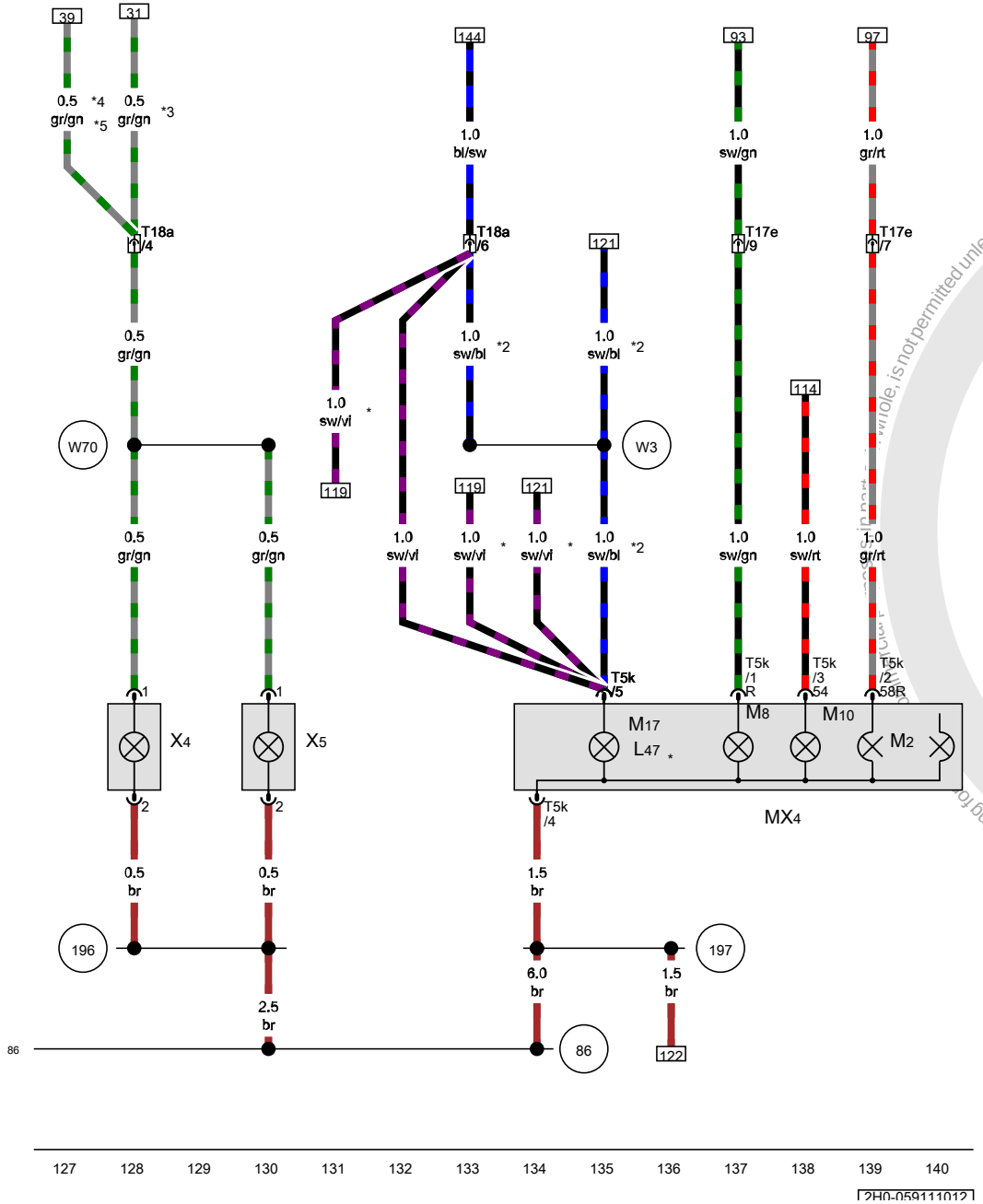

Right tail light, Left number plate light, Right number plate light

L47	Rear right fog light bulb
M2	Right tail light bulb
MX4	Right tail light
M8	Rear right turn signal bulb
M10	Right brake light bulb
M17	Right reversing light bulb
T5k	5-pin connector, black
T17e	17-pin connector, near handbrake lever, red
T18a	18-pin connector, near engine control unit, grey
X4	Left number plate light
X5	Right number plate light
86	Earth connection 1, in rear wiring harness
196	Earth connection 3, in rear wiring harness
197	Earth connection 4, in rear wiring harness
W3	Connection in rear wiring harness
W70	Positive connection 2 (58), in number plate wiring harness
*	Only right-hand drive models
*2	Only models with no rear fog light
*3	Only models with Highline equipment
*4	Only models with Trendline equipment
*5	Only models with basic equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
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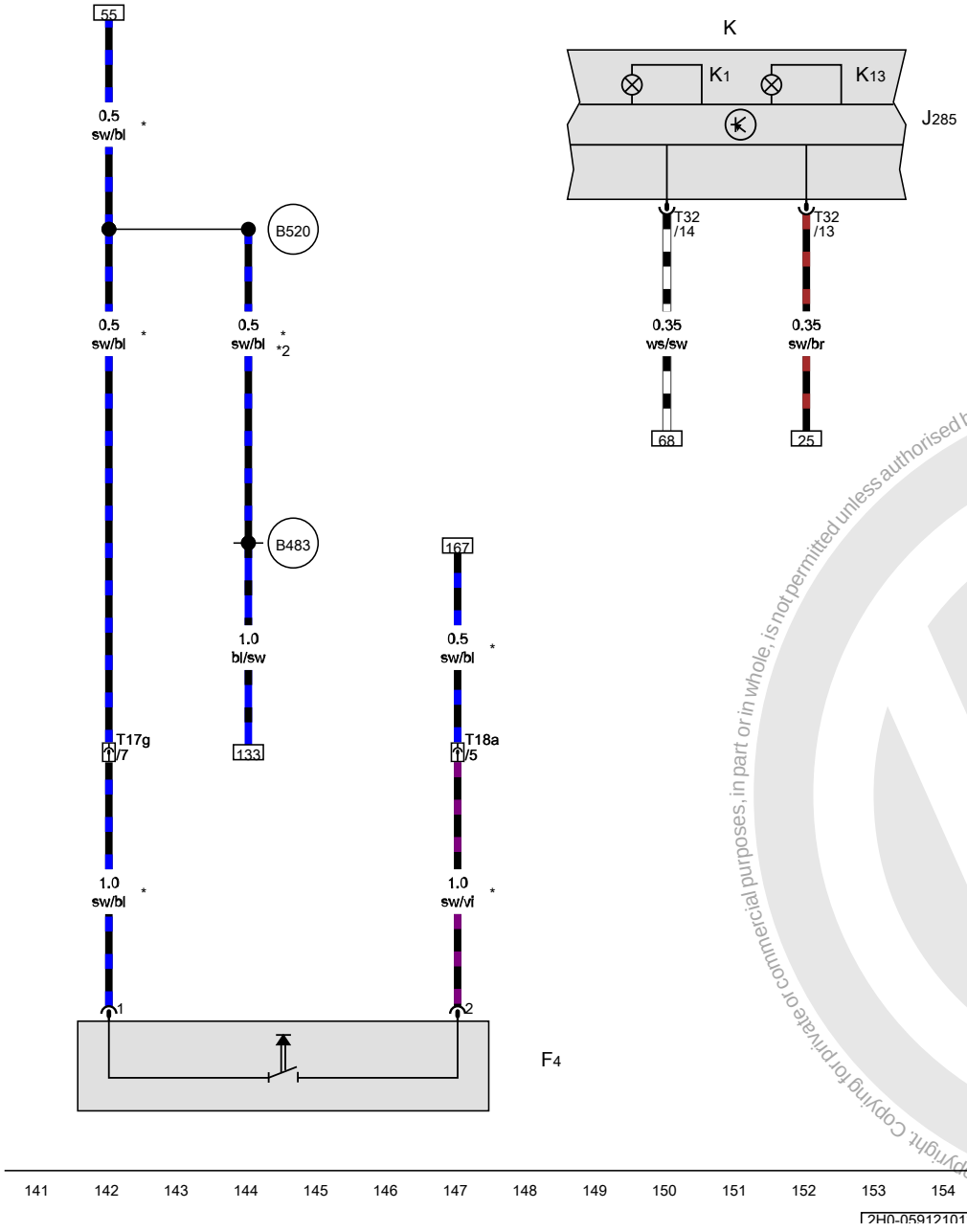

Reversing light switch, Control unit in dash panel insert, Dash panel insert

F4	Reversing light switch
J285	Control unit in dash panel insert
K	Dash panel insert
K1	Main beam warning lamp
K13	Rear fog light warning lamp
T17g	17-pin connector, near handbrake lever, black
T18a	18-pin connector, near engine control unit, grey
T32	32-pin connector, blue
B483	Connection 19, in main wiring harness
B520	Connection (RL), in main wiring harness
*	Only models with manual gearbox
*2	Only models with no automatic headlight control with coming home

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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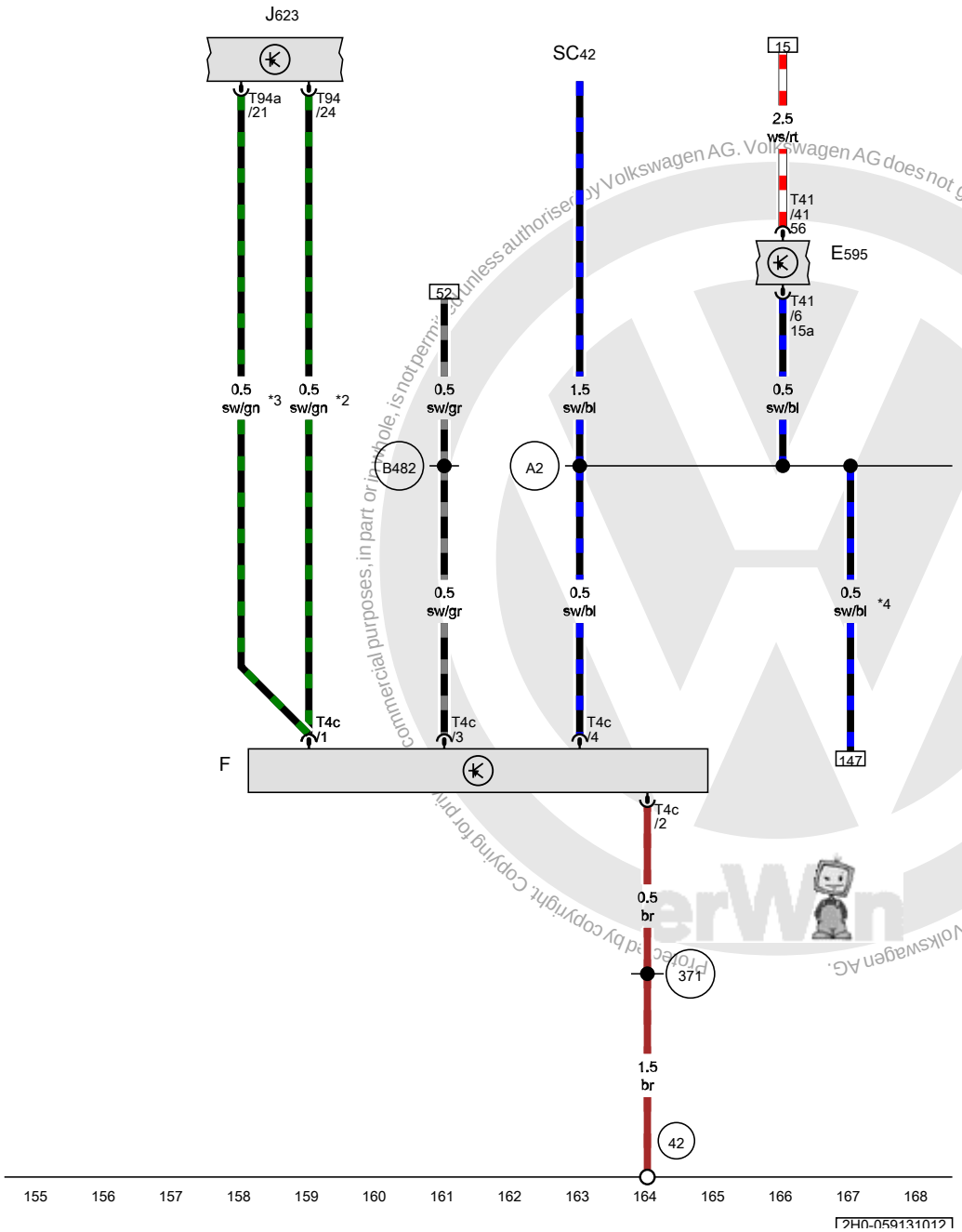

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Steering column combination switch, Brake light switch, Engine control unit

E595	Steering column combination switch
F	Brake light switch
J623	Engine control unit
SC42	Fuse 42 on fuse holder C
T4c	4-pin connector, black
T41	41-pin connector, grey
T94	94-pin connector, black
T94a	94-pin connector, black
42	Earth point, next to steering column
371	Earth connection 6, in main wiring harness
A2	Positive connection (15), in dash panel wiring harness
B482	Connection 18, in main wiring harness
*	Only models with headlight range control
*2	Only models with petrol engine
*3	Only models with diesel engine
*4	Only models with manual gearbox

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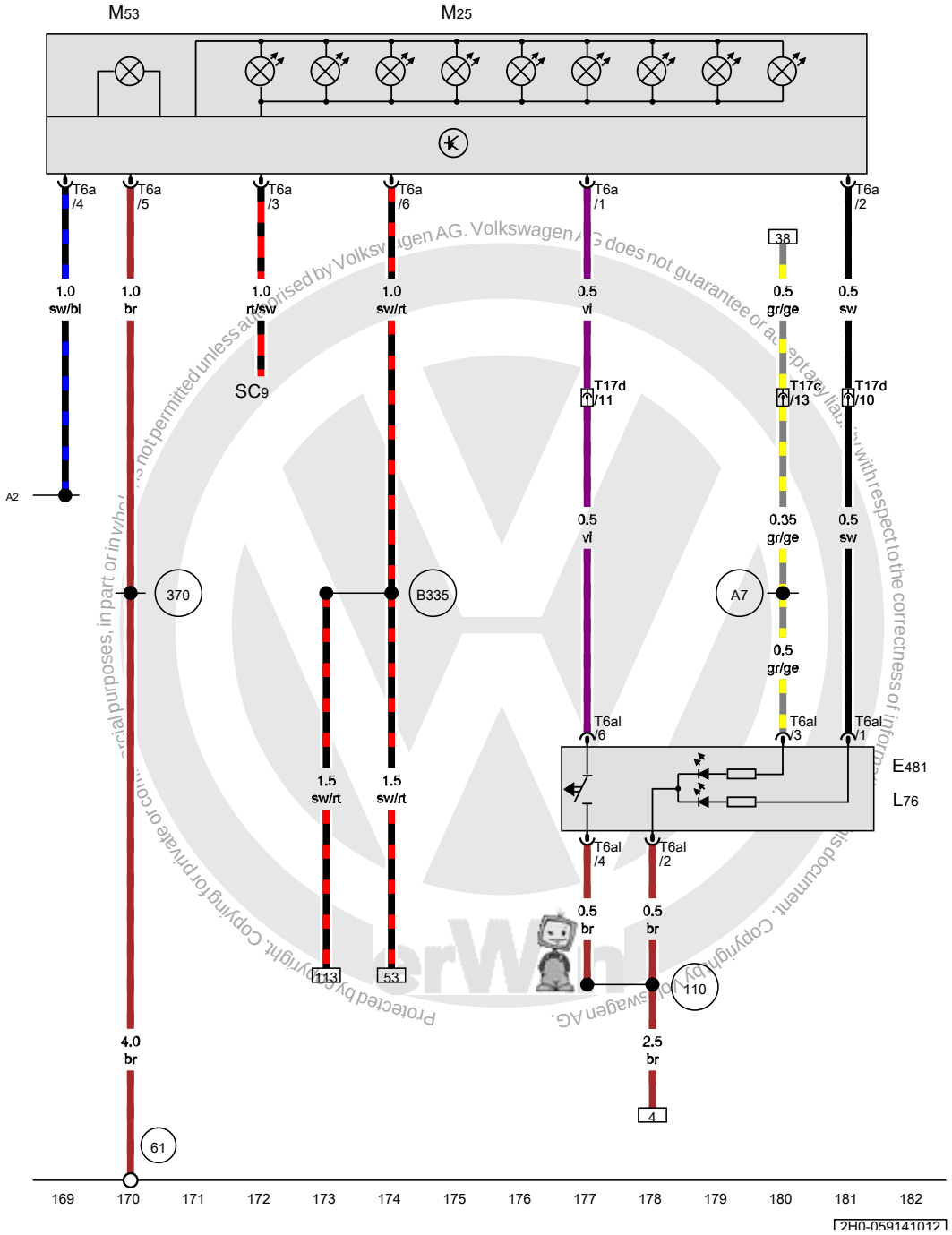

Load area illumination switch, Additional brake light bulb, Load area illumination bulb

E481	Load area illumination switch, near radio
L76	Button illumination bulb
M25	Additional brake light bulb
M53	Load area illumination bulb
SC9	Fuse 9 on fuse holder C
T6a	6-pin connector
T6al	6-pin connector
T17c	17-pin connector, on left under dash panel, black
T17d	17-pin connector, on left under dash panel, red
61	Earth point, left C-pillar
110	Earth connection 2, in dash panel wiring harness
370	Earth connection 5, in main wiring harness
A2	Positive connection (15), in dash panel wiring harness
A7	Positive connection (58 D1), in dash panel wiring harness
B335	Connection 1 (54), in main wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
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Exterior lighting , (7L3),(7L6),(8k3),(8k8)

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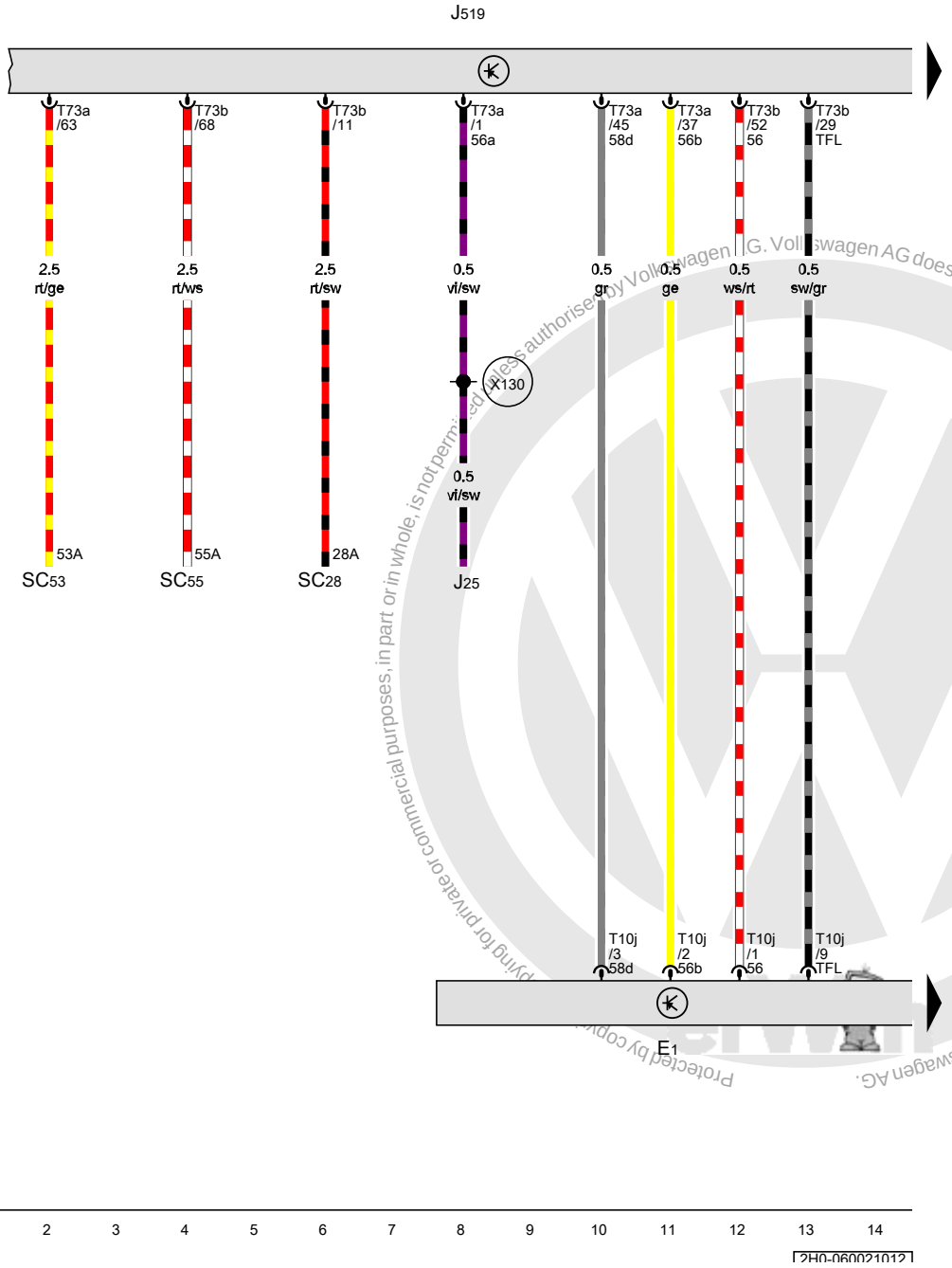

Light switch, Onboard supply control unit

E1	Light switch
J25	Headlight relay
J519	Onboard supply control unit
SC28	Fuse 28 on fuse holder C
SC53	Fuse 53 on fuse holder C
SC55	Fuse 55 on fuse holder C
T10j	10-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, colourless
X130	Connection 3, in optional equipment wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
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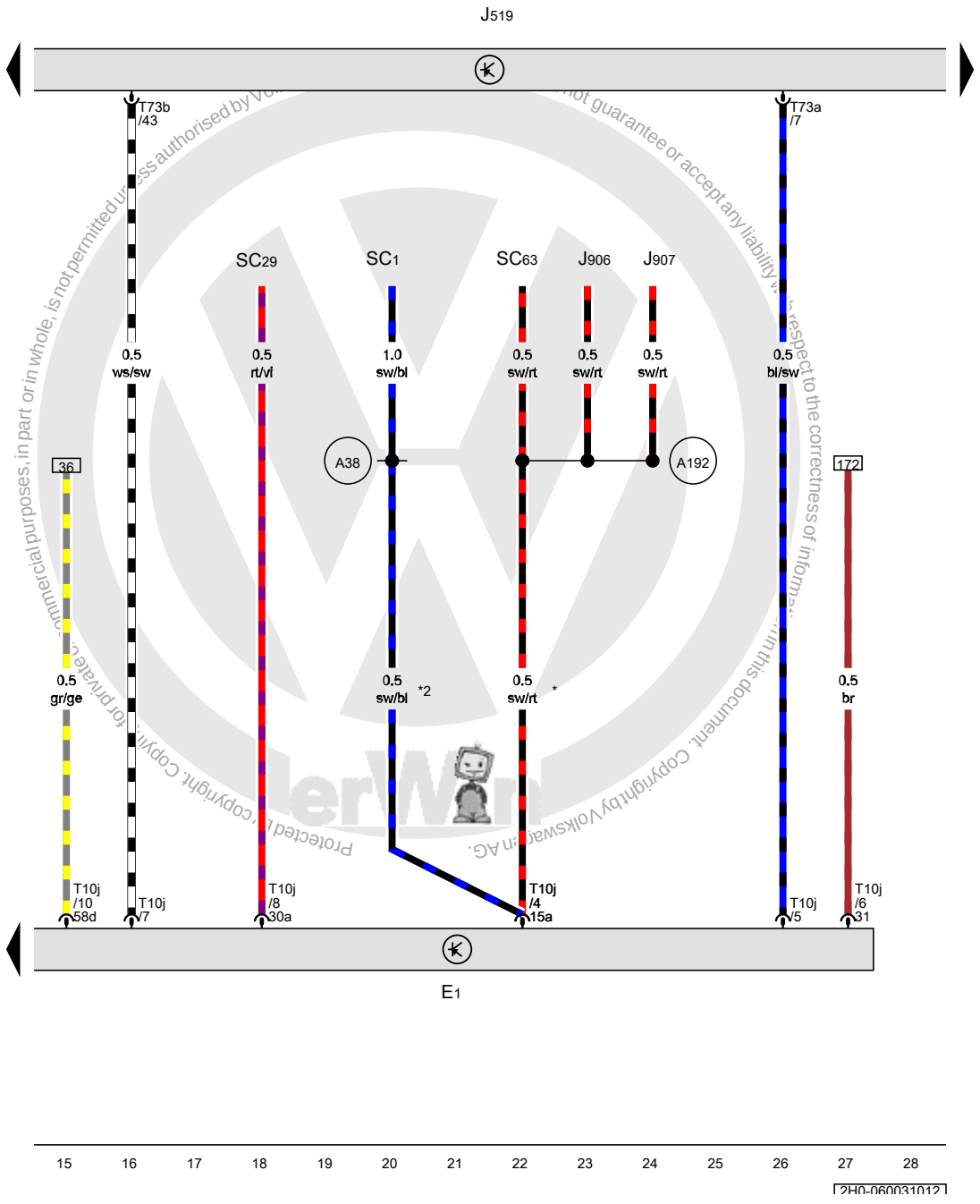

Light switch, Onboard supply control unit

E1	Light switch
J519	Onboard supply control unit
J906	Starter relay 1
J907	Starter relay 2
SC1	Fuse 1 on fuse holder C
SC29	Fuse 29 on fuse holder C
SC63	Fuse 63 on fuse holder C
T10j	10-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, colourless
A38	Positive connection 2 (15a) in dash panel wiring harness
A192	Positive connection 3 (15a) in dash panel wiring harness
*	Only models with start/stop system
*2	Only models with no start/stop system

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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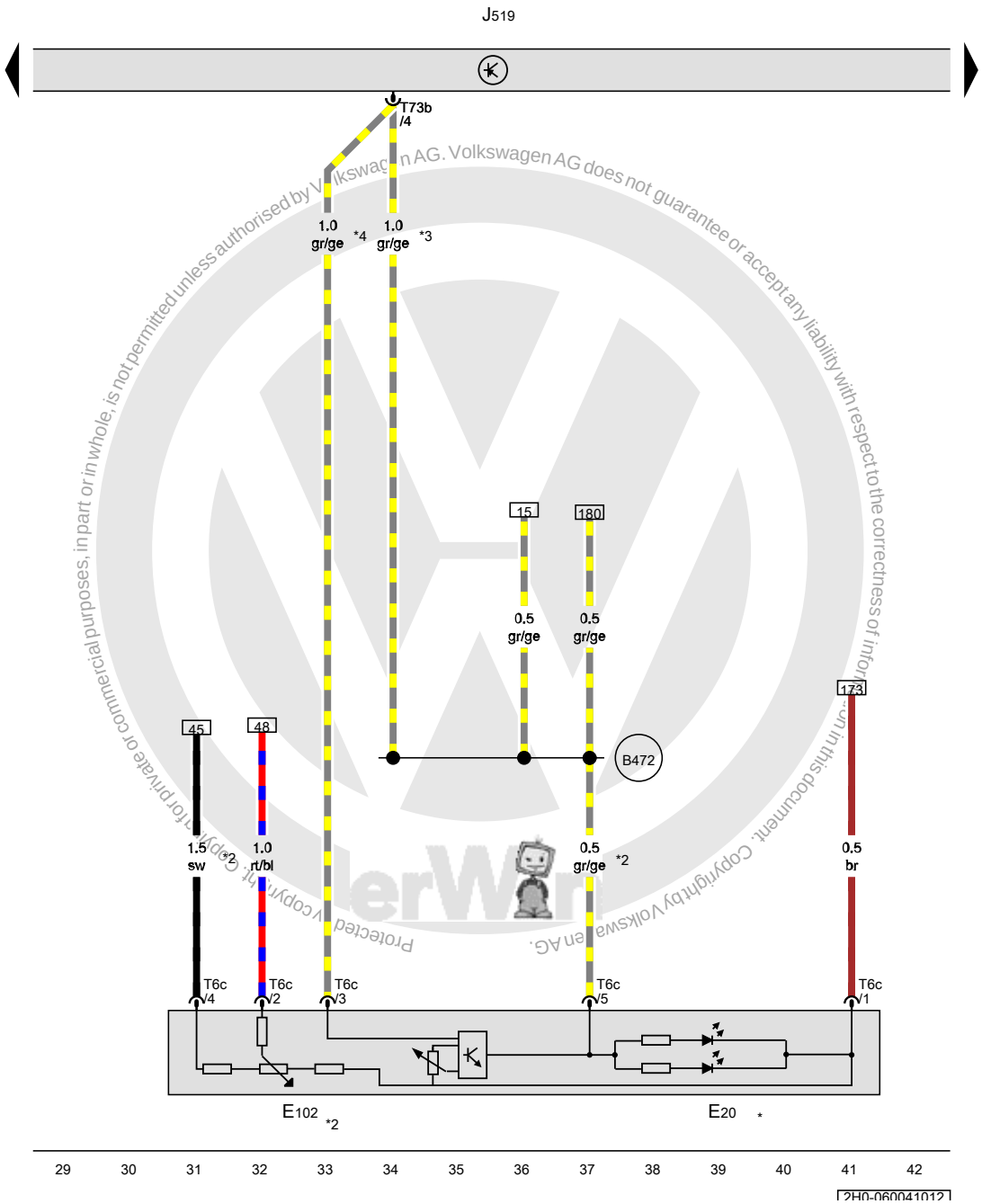

Switch and instrument illumination regulator, Headlight range control regulator, Onboard supply control unit

E20	Switch and instrument illumination regulator
E102	Headlight range control regulator
J519	Onboard supply control unit
T6c	6-pin connector
T73b	73-pin connector, colourless
B472	Connection 8, in main wiring harness
*	Only models with dimmable instrument illumination
*2	Only models with headlight range control
*3	Only models with Trendline equipment
*4	Only models with Highline equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
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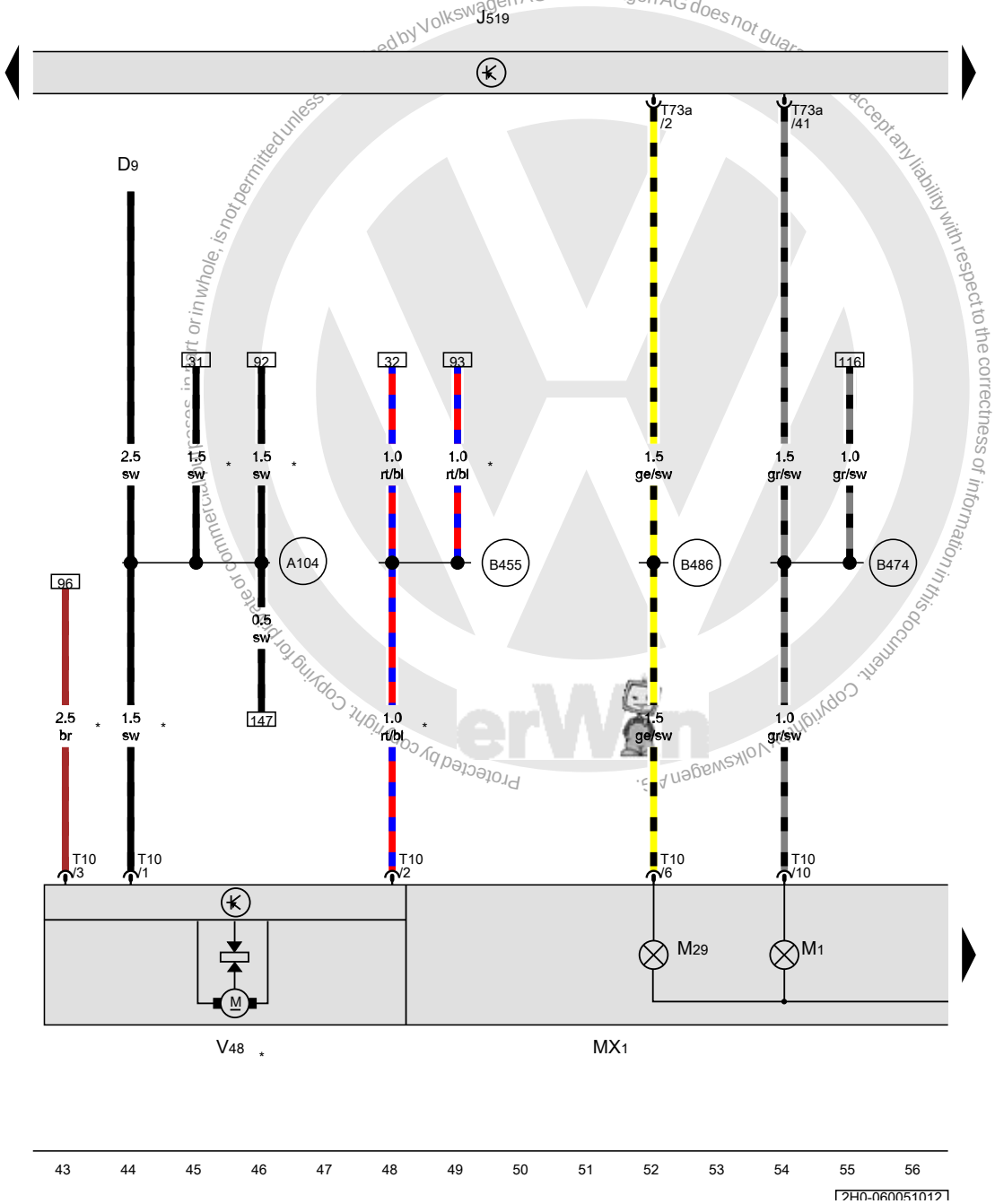

Onboard supply control unit, Front left headlight

D9	Electronic ignition lock
J519	Onboard supply control unit
MX1	Front left headlight
M1	Left side light bulb
M29	Left headlight dipped beam bulb
T10	10-pin connector
T73a	73-pin connector, black
V48	Left headlight range control motor
A104	Positive connection 2 (15), in dash panel wiring harness
B455	Connection (HRC), in main wiring harness
B474	Connection 10, in main wiring harness
B486	Connection 22, in main wiring harness
*	Only models with headlight range control

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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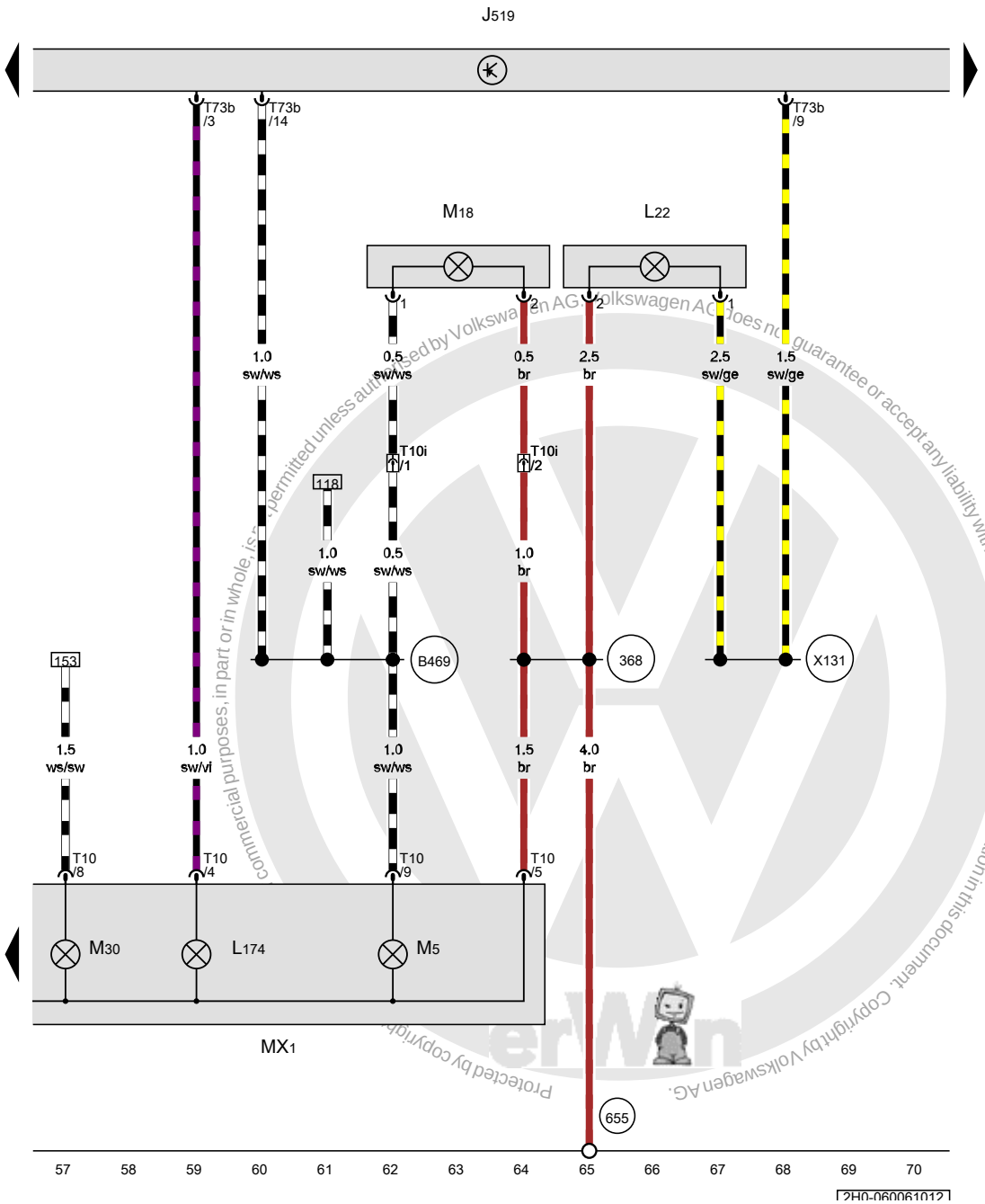

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Onboard supply control unit, Left fog light bulb, Front left headlight, Left turn signal repeater bulb

J519	Onboard supply control unit
L22	Left fog light bulb
L174	Left daytime running light bulb
MX1	Front left headlight
M5	Front left turn signal bulb
M18	Left turn signal repeater bulb
M30	Left headlight main beam bulb
T10	10-pin connector, black
T10i	10-pin connector, black
T73b	73-pin connector, colourless
368	Earth connection 3, in main wiring harness
655	Earth point, on left headlight, on left on bulkhead
B469	Connection 5, in main wiring harness
X131	Connection 4, in optional equipment wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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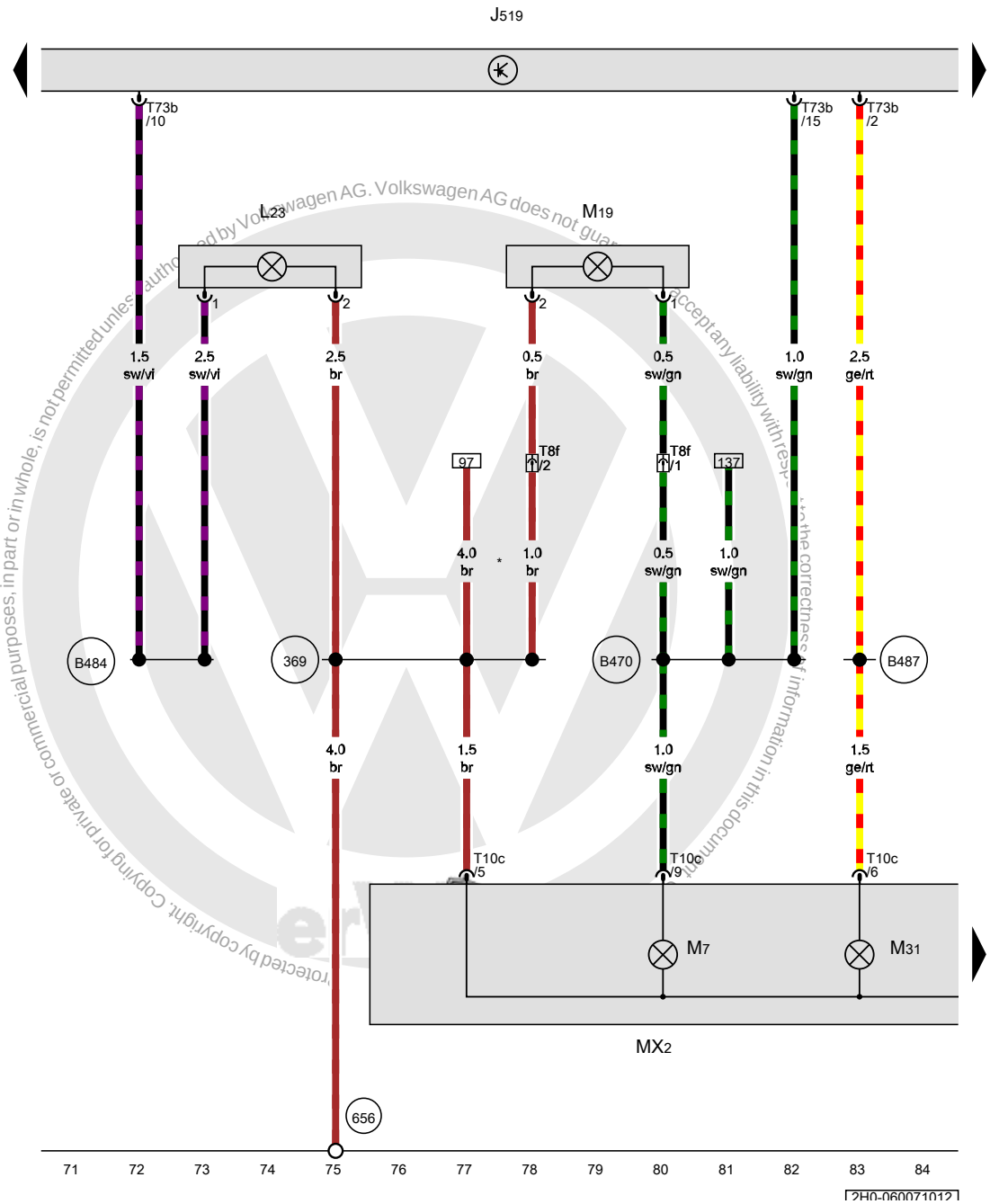

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Onboard supply control unit, Right fog light bulb, Front right headlight, Right turn signal repeater bulb

J519	Onboard supply control unit
L23	Right fog light bulb
MX2	Front right headlight
M7	Front right turn signal bulb
M19	Right turn signal repeater bulb
M31	Right headlight dipped beam bulb
T8f	8-pin connector, in rear right of engine compartment, black
T10c	10-pin connector, black
T73b	73-pin connector, colourless
369	Earth connection 4, in main wiring harness
656	Earth point, on right headlight, on right on bulkhead
B470	Connection 6, in main wiring harness
B484	Connection 20, in main wiring harness
B487	Connection 23, in main wiring harness
*	Only models with headlight range control

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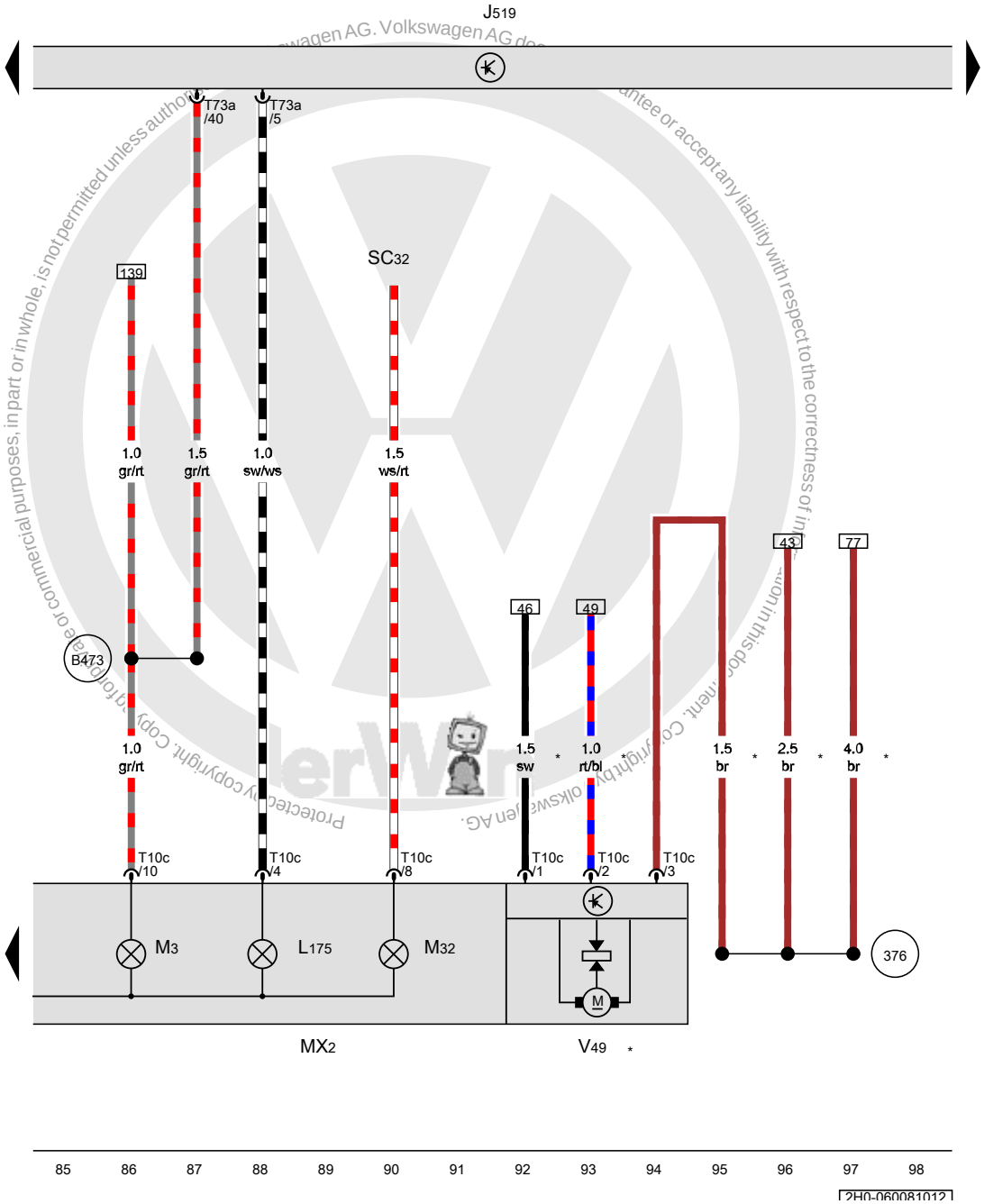

Onboard supply control unit, Front right headlight

J519	Onboard supply control unit
L175	Right daytime running light bulb
MX2	Front right headlight
M3	Right side light bulb
M32	Right headlight main beam bulb
SC32	Fuse 32 on fuse holder C
T10c	10-pin connector, black
T73a	73-pin connector, black
V49	Right headlight range control motor
376	Earth connection 11, in main wiring harness
B473	Connection 9, in main wiring harness
*	Only models with headlight range control

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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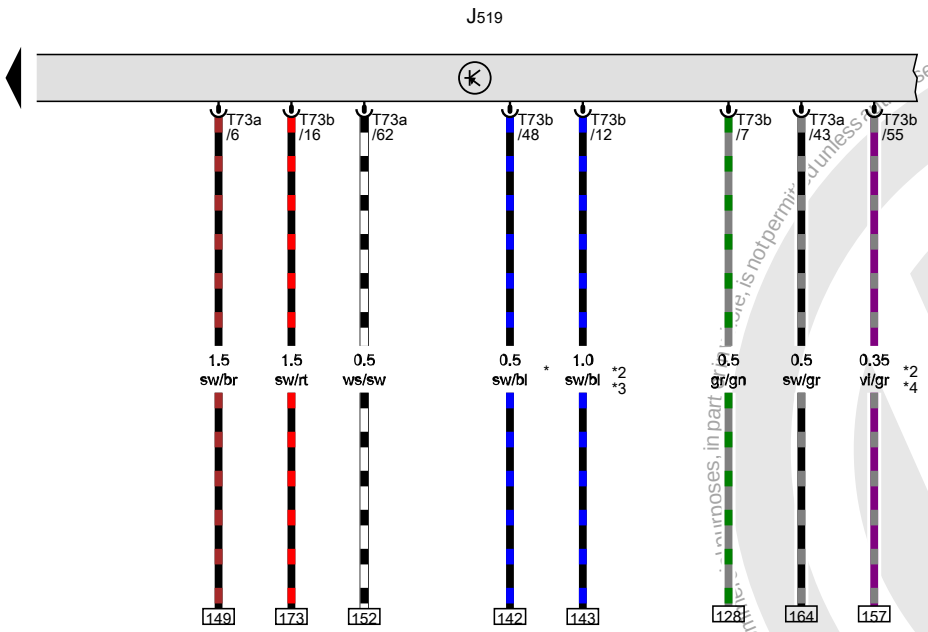

Onboard supply control unit

J519	Onboard supply control unit
T73a	73-pin connector, black
T73b	73-pin connector, colourless
*	Only models with manual gearbox
*2	Only models with automatic gearbox
*3	Only models with automatic driving lights control
*4	Only models with no start/stop system

99 100 101 102 103 104 105 106 107 108 109 110 111 112

2H0-0600910121

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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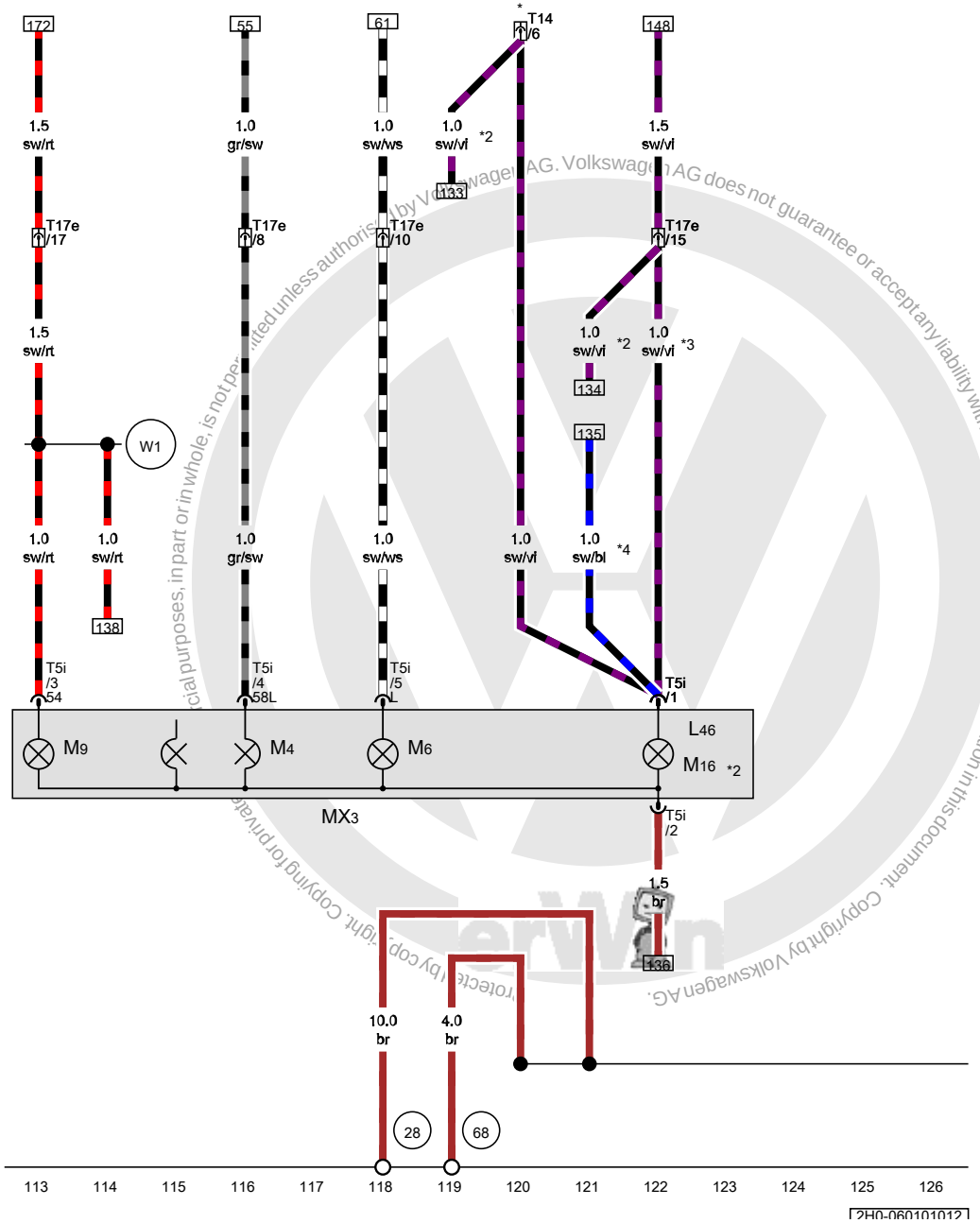

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Left tail light

L46	Rear left fog light bulb
MX3	Left tail light
M4	Left tail light bulb
M6	Rear left turn signal bulb
M9	Left brake light bulb
M16	Left reversing light bulb
T5i	5-pin connector
T14	14-pin connector, behind rear bumper on left
T17e	17-pin connector, near handbrake lever, red
28	Earth point, on bulkhead
68	Earth point, on left of rear cross member
86	Earth connection 1, in rear wiring harness
W1	Positive connection 1 (54), in rear wiring harness
*	see applicable current flow diagram for preparation for trailer coupling
*2	Only right-hand drive models
*3	Only models with no towing bracket
*4	Only models with no rear fog light

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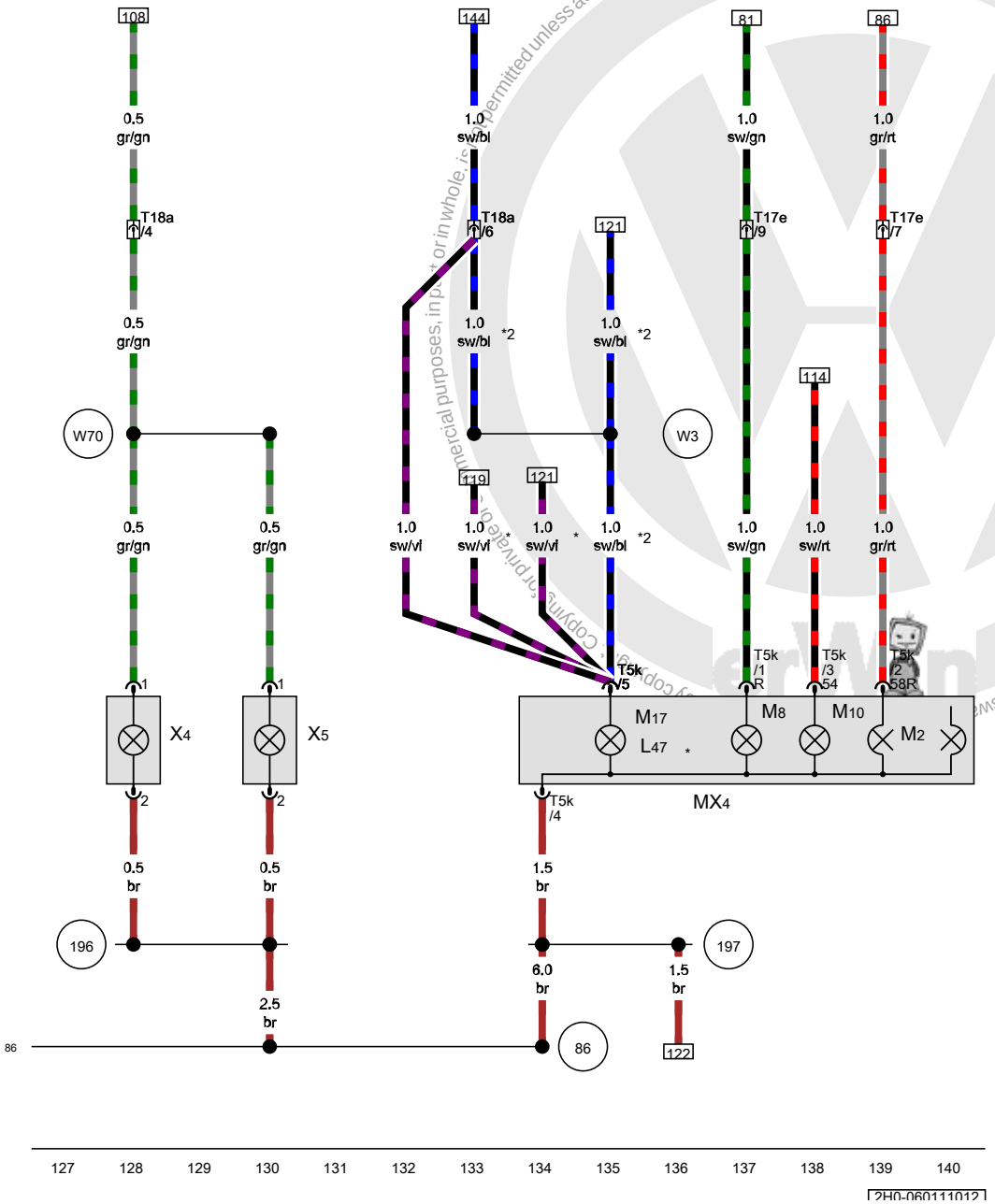

Right tail light, Left number plate light, Right number plate light

L47	Rear right fog light bulb
M2	Right tail light bulb
MX4	Right tail light
M8	Rear right turn signal bulb
M10	Right brake light bulb
M17	Right reversing light bulb
T5k	5-pin connector
T17e	17-pin connector, near handbrake lever, red
T18a	18-pin connector, near engine control unit, grey
X4	Left number plate light
X5	Right number plate light
86	Earth connection 1, in rear wiring harness
196	Earth connection 3, in rear wiring harness
197	Earth connection 4, in rear wiring harness
W3	Connection in rear wiring harness
W70	Positive connection 2 (58), in number plate wiring harness
*	Only right-hand drive models
*2	Only models with no rear fog light

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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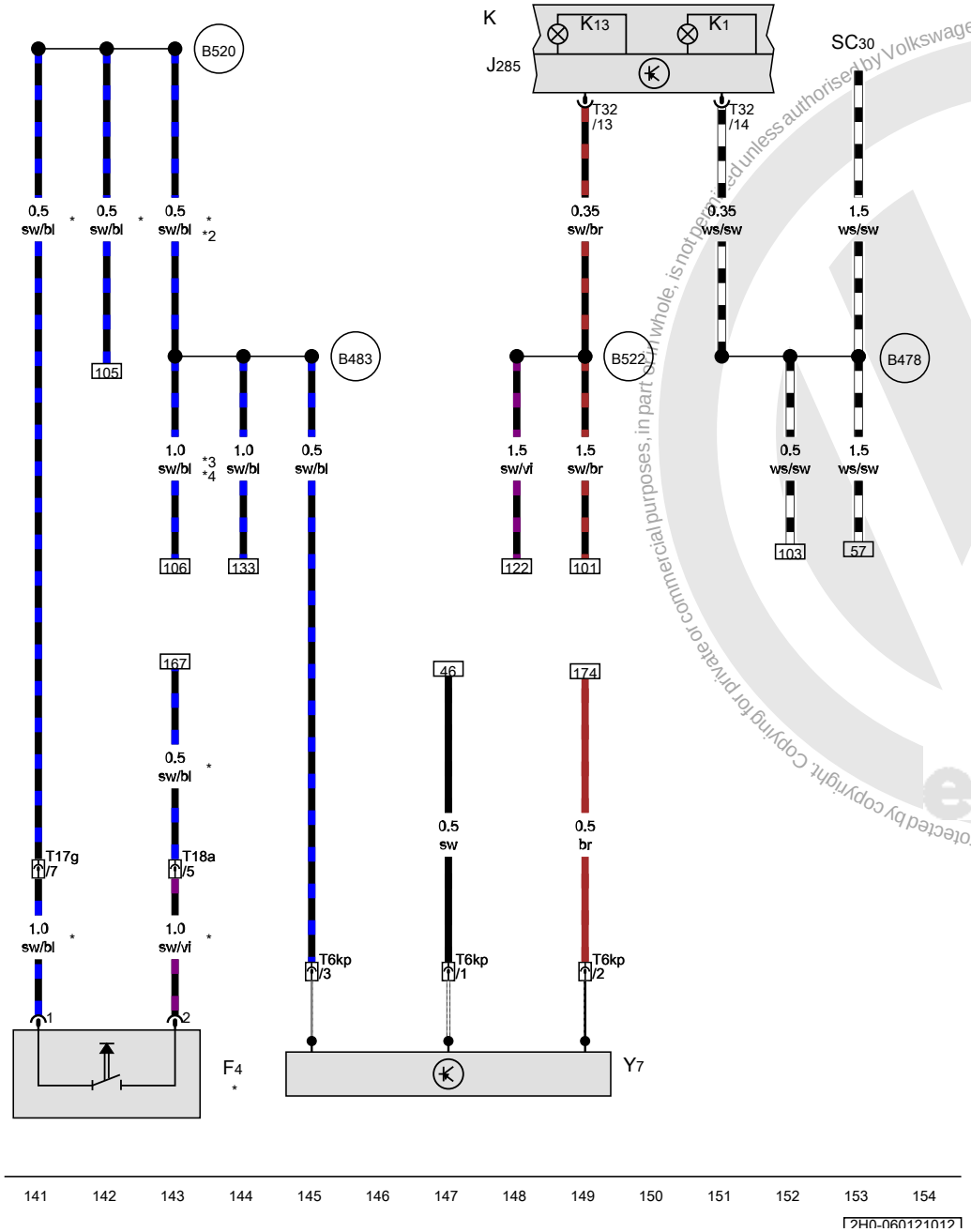

Reversing light switch, Dash panel insert, Automatic anti-dazzle interior mirror

F4	Reversing light switch
J285	Control unit in dash panel insert
K	Dash panel insert
K1	Main beam warning lamp
K13	Rear fog light warning lamp
SC30	Fuse 30 on fuse holder C
T6kp	6-pin connector, on interior mirror, black
T17g	17-pin connector, near handbrake lever, black
T18a	18-pin connector, near engine control unit, grey
T32	32-pin connector, blue
Y7	Automatic anti-dazzle interior mirror
B478	Connection 14, in main wiring harness
B483	Connection 19, in main wiring harness
B520	Connection (RL), in main wiring harness
B522	Connection (FL), in main wiring harness
*	Only models with manual gearbox
*2	Only models with no automatic headlight control with coming home
*3	Only models with automatic gearbox
*4	Only models with automatic driving lights control

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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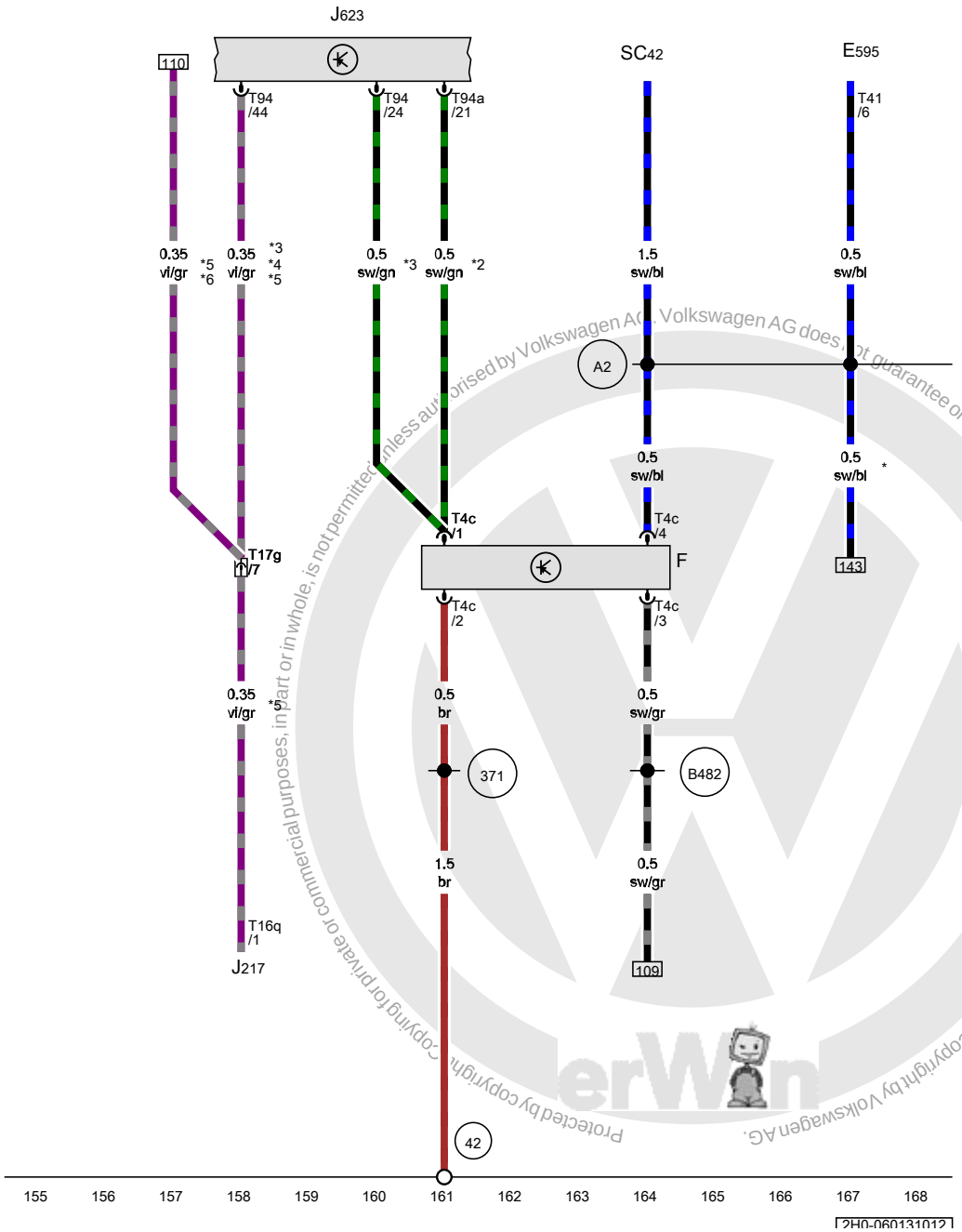
Steering column combination switch, Brake light switch, Fuse 42 on fuse holder C



E595	Steering column combination switch
F	Brake light switch
J217	Automatic gearbox control unit
J623	Engine control unit
SC42	Fuse 42 on fuse holder C
T4c	4-pin connector
T16q	16-pin connector
T17g	17-pin connector, near handbrake lever, black
T41	41-pin connector, grey
T94	94-pin connector, black
T94a	94-pin connector
42	Earth point, next to steering column
371	Earth connection 6, in main wiring harness
A2	Positive connection (15), in dash panel wiring harness
B482	Connection 18, in main wiring harness
*	Only models with manual gearbox
*2	Only models with diesel engine
*3	Only models with petrol engine
*4	Only models with start/stop system
*5	Only models with automatic gearbox
*6	Only models with no start/stop system

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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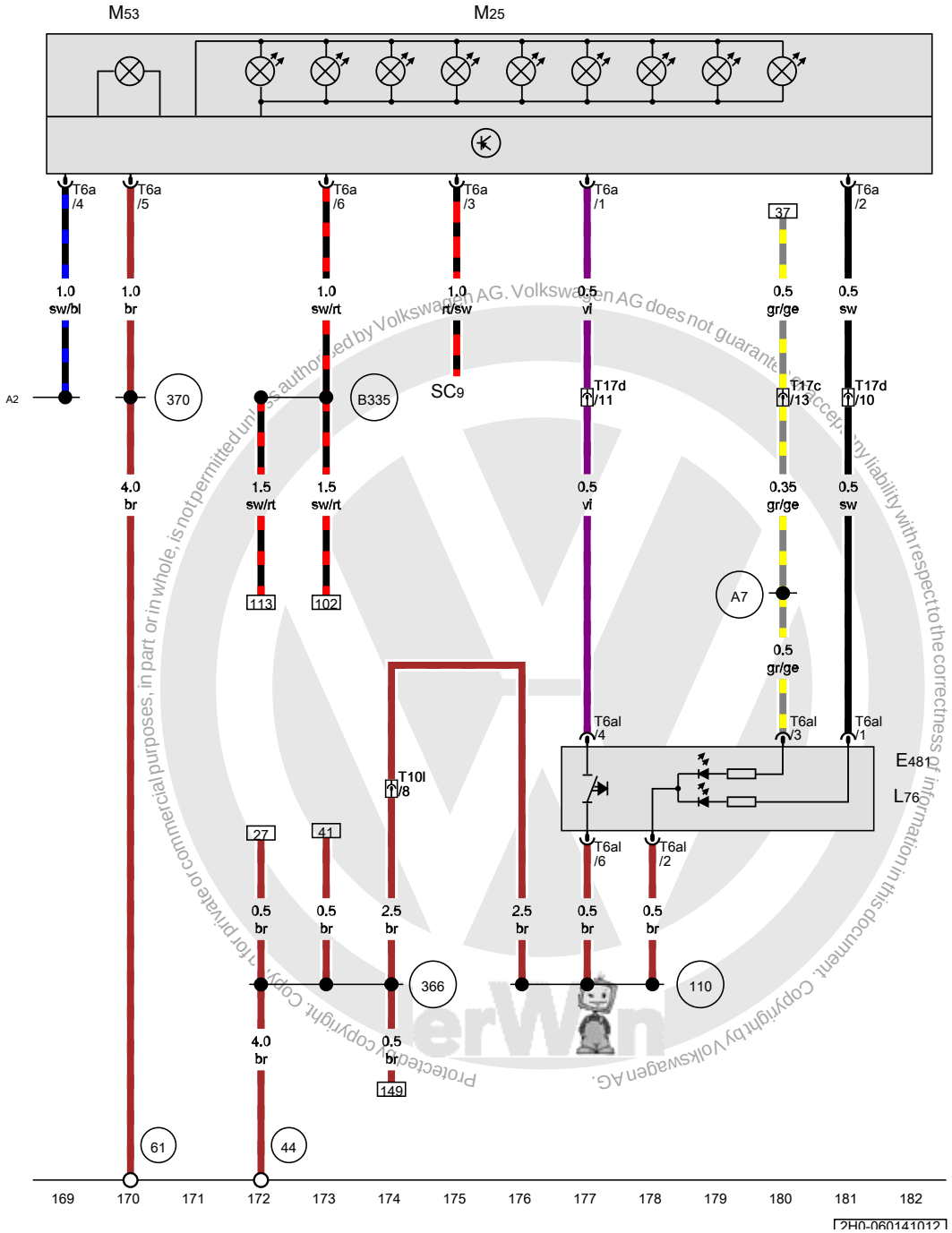

Load area illumination switch, Additional brake light bulb, Load area illumination bulb

E481	Load area illumination switch, near radio
L76	Button illumination bulb
M25	Additional brake light bulb
M53	Load area illumination bulb
SC9	Fuse 9 on fuse holder C
T6a	6-pin connector, black
T6al	6-pin connector, blue
T10l	10-pin connector, on relay carrier, blue
T17c	17-pin connector, on relay carrier, black
T17d	17-pin connector, on left under dash panel, red
44	Earth point, lower part of left A-pillar
61	Earth point, left C-pillar
110	Earth connection 2, in dash panel wiring harness
366	Earth connection 1, in main wiring harness
370	Earth connection 5, in main wiring harness
A2	Positive connection (15), in dash panel wiring harness
A7	Positive connection (58 D1), in dash panel wiring harness
B335	Connection 1 (54), in main wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Electronic logbook, chip card reader unit

From June 2012

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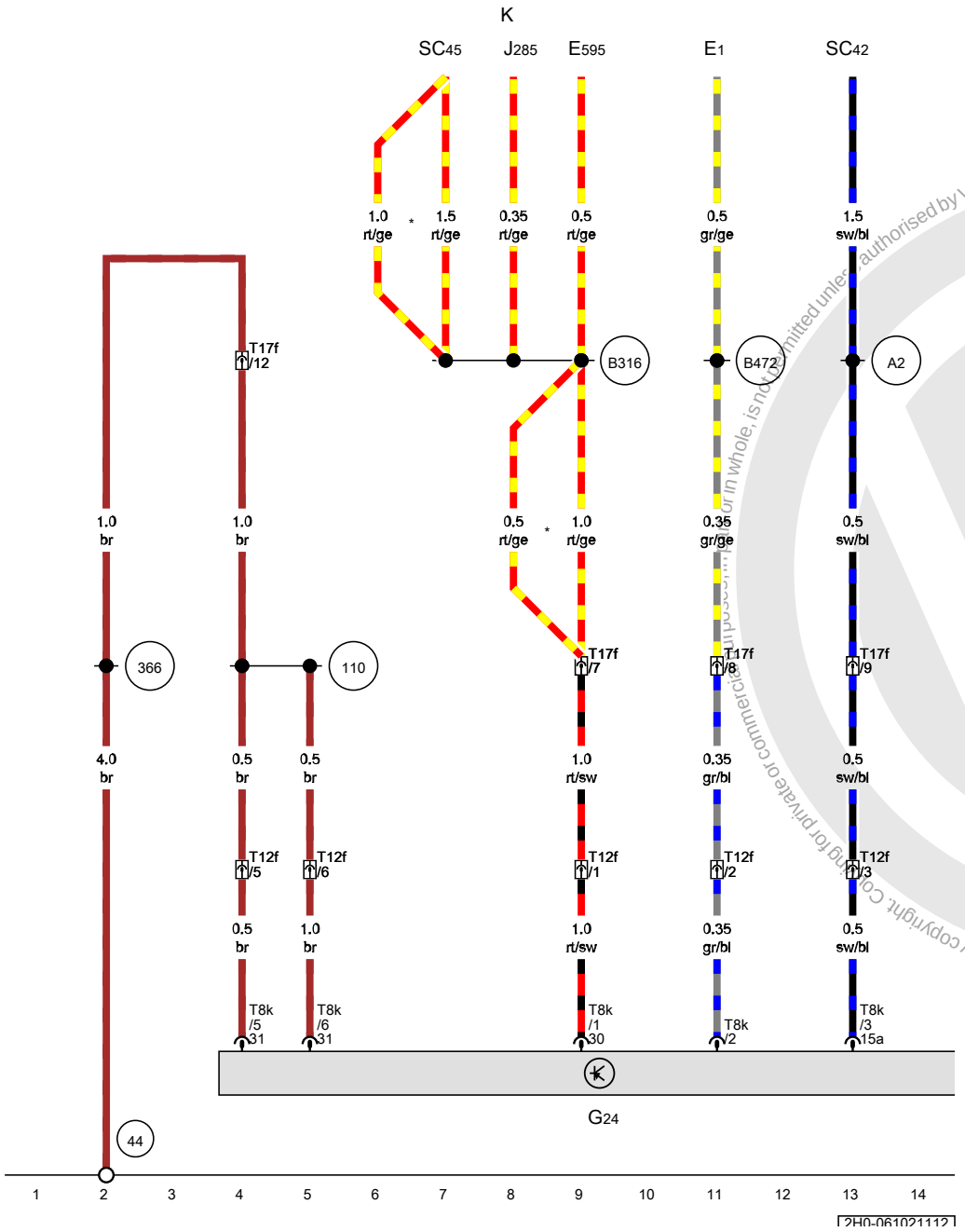

E1	Light switch
E595	Steering column combination switch
G24	Tachograph
J285	Control unit in dash panel insert
K	Dash panel insert
SC42	Fuse 42 on fuse holder C
SC45	Fuse 45 on fuse holder C
T8k	8-pin connector, colourless
T12f	12-pin connector, near handbrake lever, black
T17f	17-pin connector, near handbrake lever, blue
44	Earth point, lower part of left A-pillar
110	Earth connection 2, in dash panel wiring harness
366	Earth connection 1, in main wiring harness
A2	Positive connection (15), in dash panel wiring harness
B316	Positive connection 2 (30a) in main wiring harness
B472	Connection 8, in main wiring harness
*	From February 2013

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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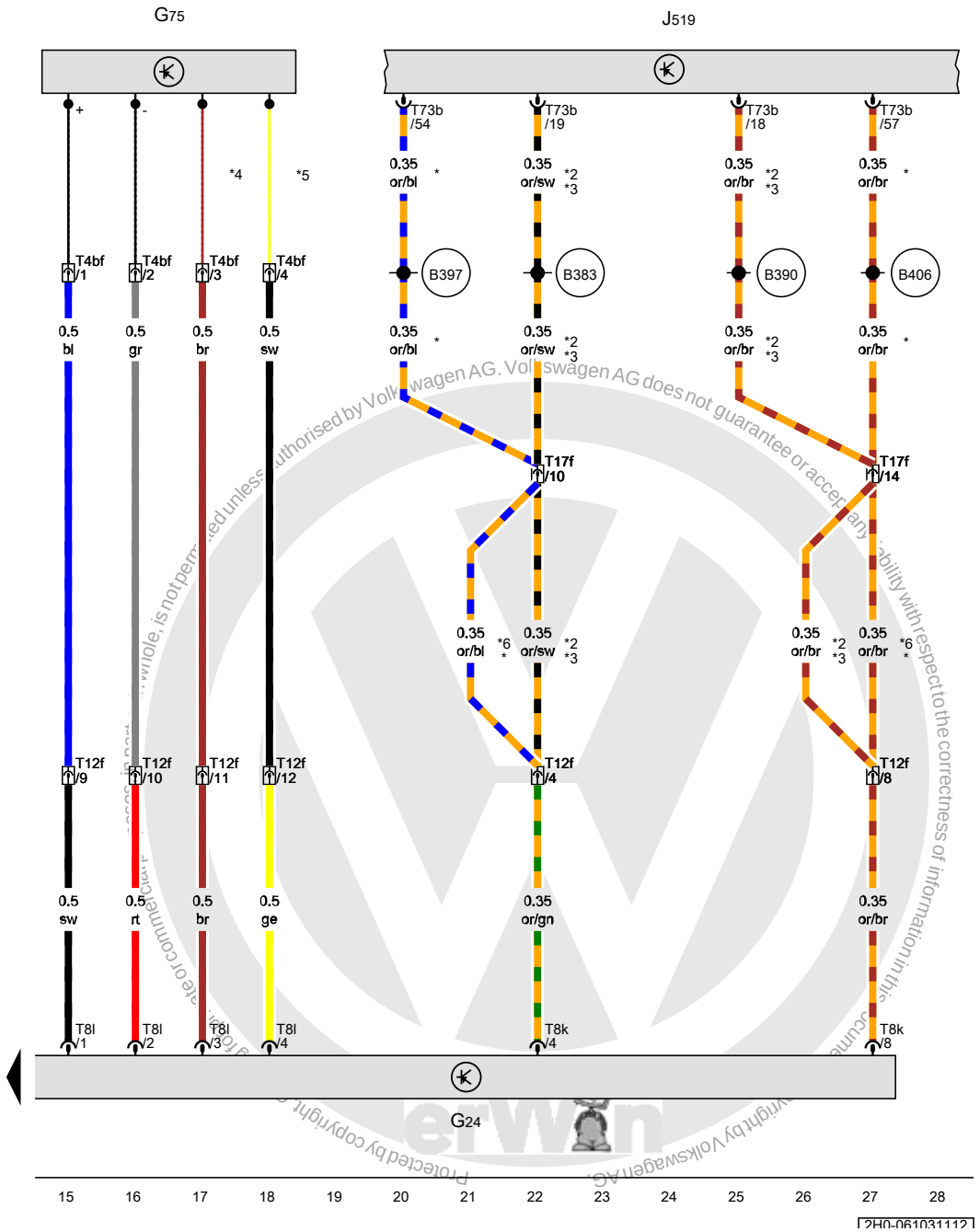

Tachograph sender

G24	Tachograph
G75	Tachograph sender, on rear axle, right
J519	Onboard supply control unit
T4bf	4-pin connector, on underbody, near rear axle, black
T8k	8-pin connector, colourless
T8l	8-pin connector, yellow
T12f	12-pin connector, near handbrake lever, black
T17f	17-pin connector, near handbrake lever, blue
T73b	73-pin connector, colourless
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	Only models with automatic driving lights control
*2	Only models with no start/stop system
*3	Only models with no automatic headlight control with coming home
*4	Speed signal
*5	Data wire
*6	Only models with start/stop system

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Trailer coupling

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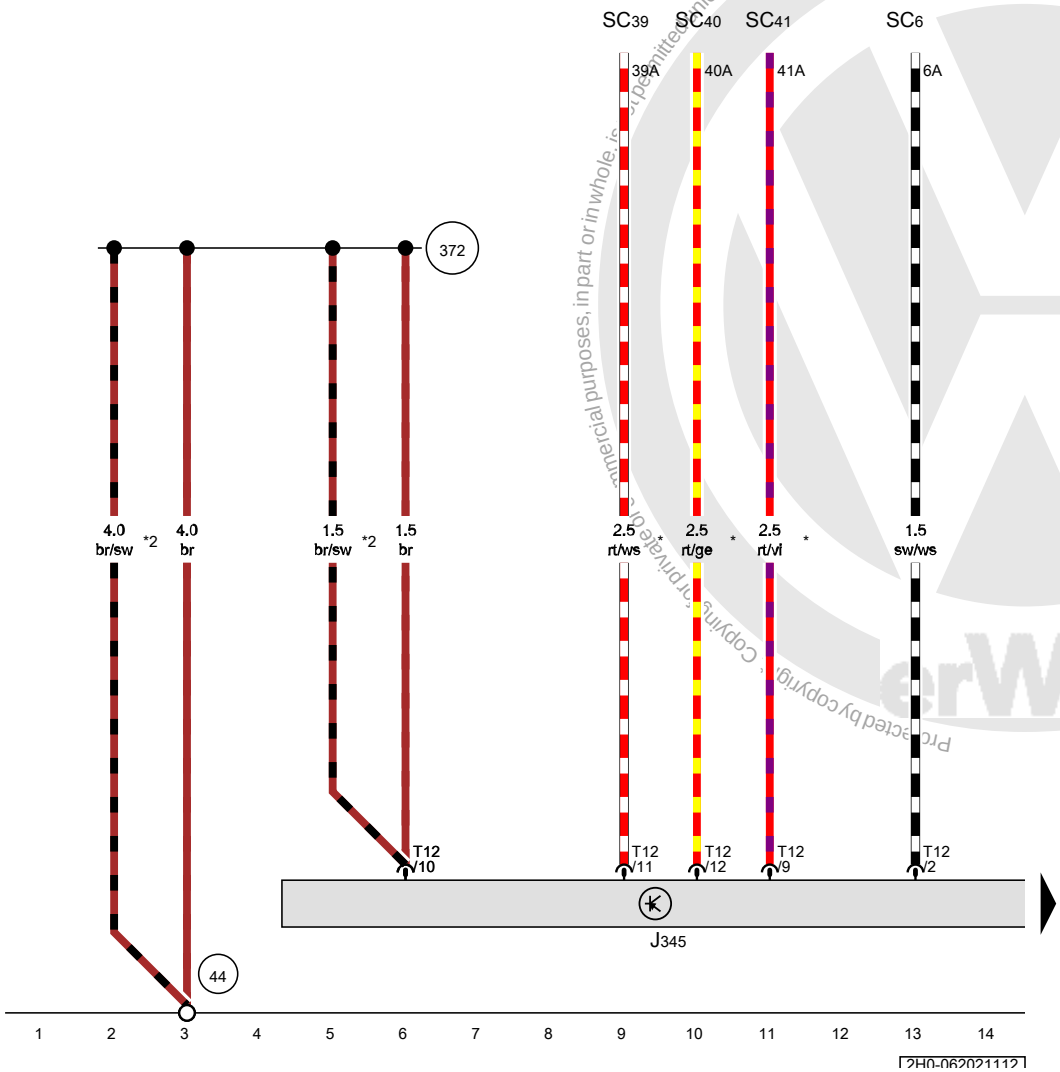
Fuse 6 on fuse holder C, Fuse 39 on fuse holder C, Fuse 40 on fuse holder C, Fuse 41 on fuse holder C

J345	Trailer detector control unit
SC6	Fuse 6 on fuse holder C
SC39	Fuse 39 on fuse holder C
SC40	Fuse 40 on fuse holder C
SC41	Fuse 41 on fuse holder C
T12	12-pin connector, red
44	Earth point, lower part of left A-pillar
372	Earth connection 7, in main wiring harness
*	Cross-section 1.5 possible
*2	From January 2013



ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

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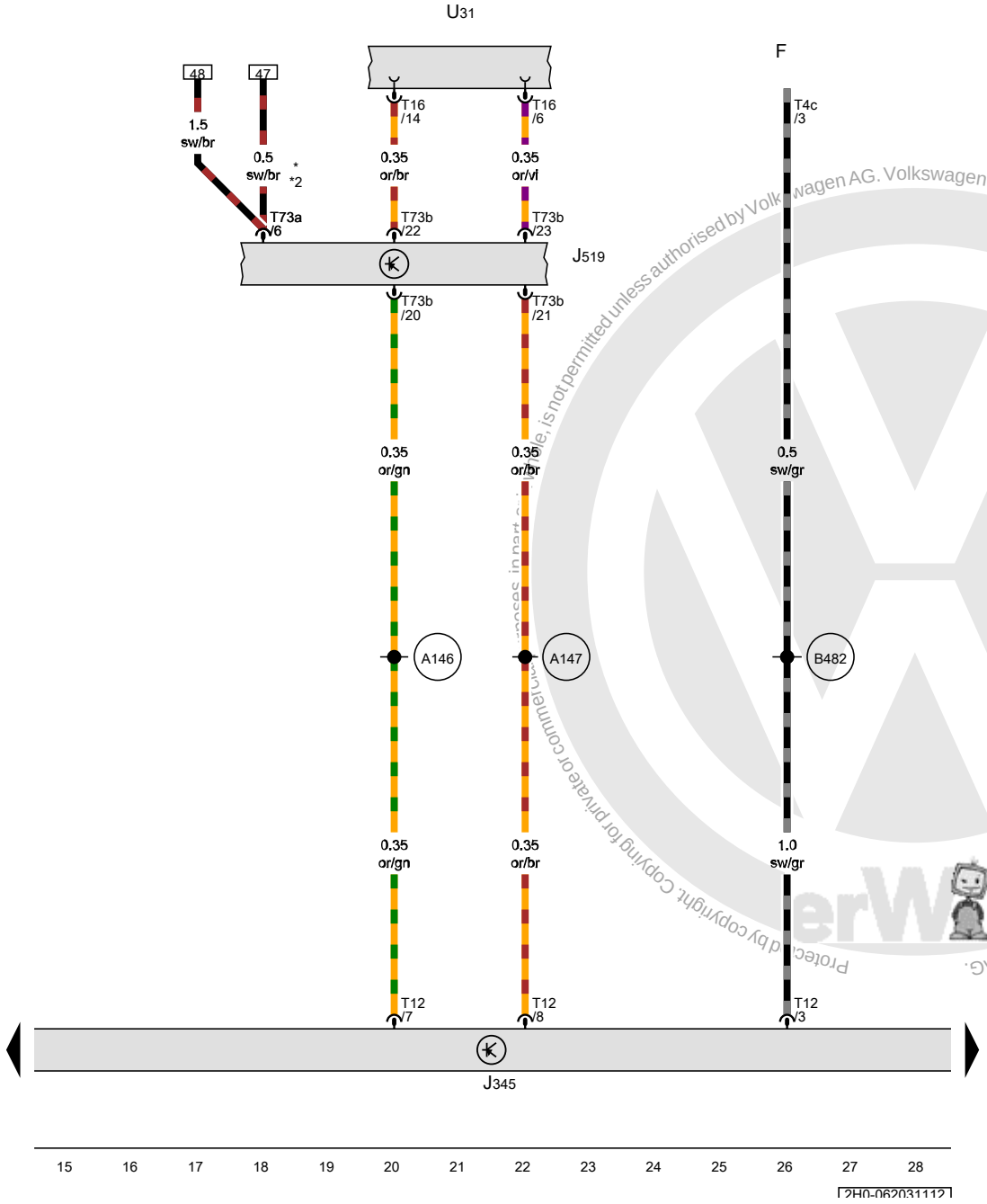

Brake light switch, Diagnostic connection

F	Brake light switch
J345	Trailer detector control unit
J519	Onboard supply control unit
T4c	4-pin connector
T12	12-pin connector, red
T16	16-pin connector
T73a	73-pin connector
T73b	73-pin connector
U31	Diagnostic connection, near driver side A-pillar
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
B482	Connection 18, in main wiring harness
*	From January 2013
*2	Only models with automatic driving lights control

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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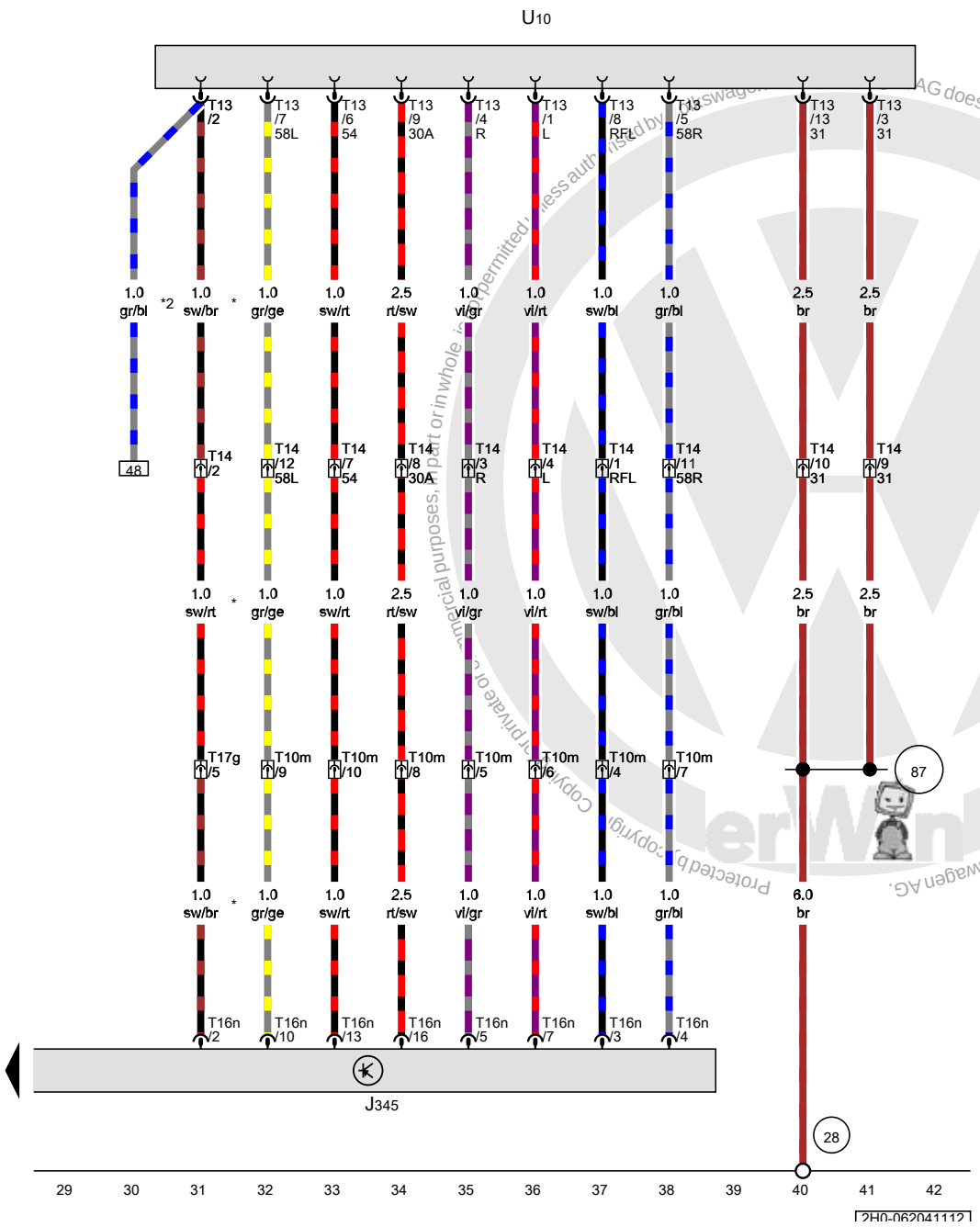

J345	Trailer detector control unit
T10m	10-pin connector, near handbrake lever, brown
T13	13-pin connector, black
T14	14-pin connector, behind rear bumper on left, black
T16n	16-pin connector, black
T17g	17-pin connector, near handbrake lever, black
U10	Trailer socket, on rear skirt
28	Earth point, on bulkhead
87	Earth connection 2, in rear wiring harness
*	Only models with automatic driving lights control
*2	Only models with no automatic headlight control with coming home

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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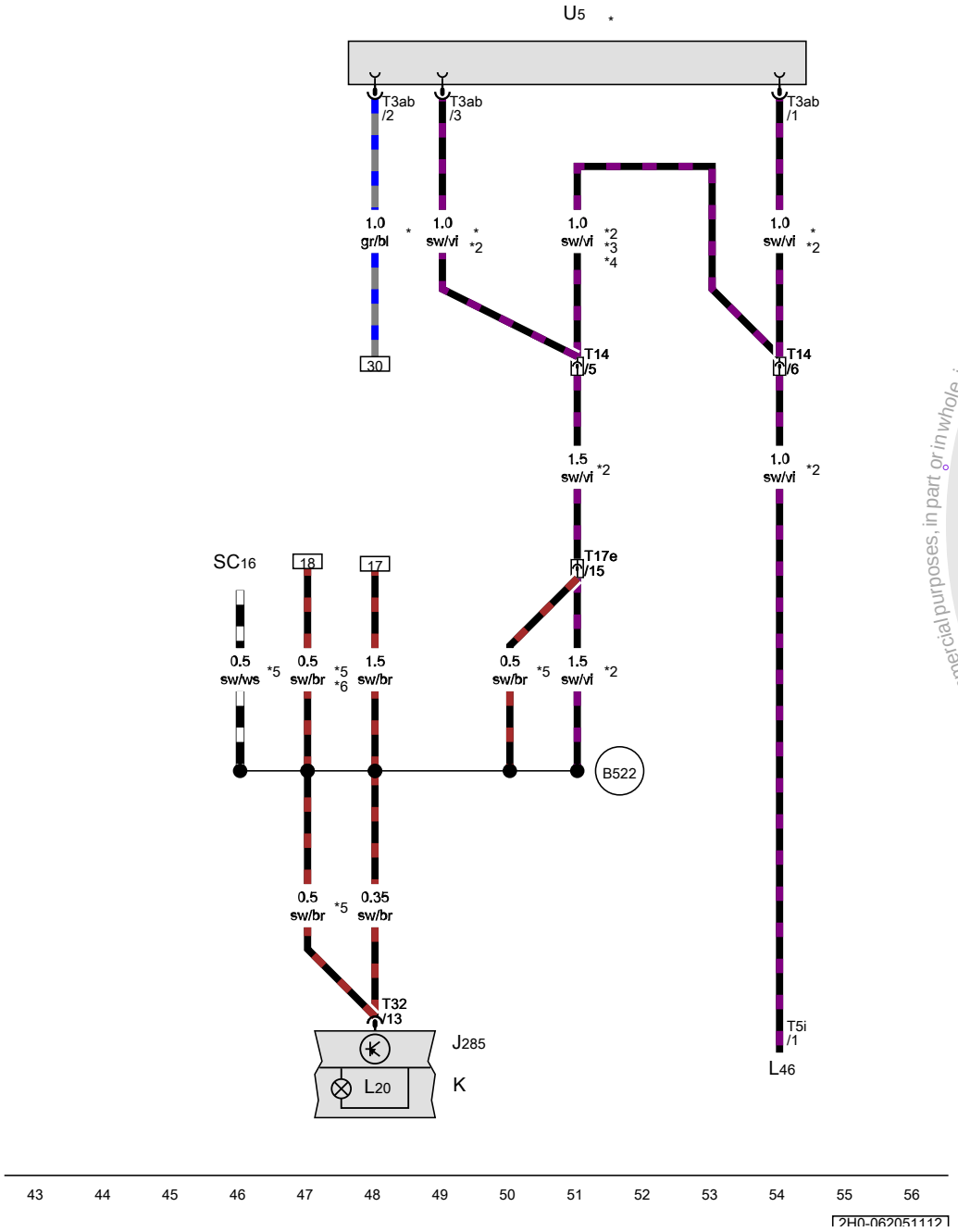

Dash panel insert, Rear left fog light bulb

J285	Control unit in dash panel insert
K	Dash panel insert
L20	Rear fog light bulb
L46	Rear left fog light bulb
SC16	Fuse 16 on fuse holder C
T3ab	3-pin connector, black
T5i	5-pin connector
T14	14-pin connector, behind rear bumper on left, black
T17e	17-pin connector, near handbrake lever, red
T32	32-pin connector, blue
U5	12 V socket, near trailer socket
B522	Connection (FL), in main wiring harness
*	Only models with no automatic headlight control with coming home
*2	Only models with rear fog light
*3	Push-in bridge
*4	Only models with preparation for trailer coupling
*5	From January 2013
*6	Only models with automatic driving lights control

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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2.0l petrol engine , CFPA

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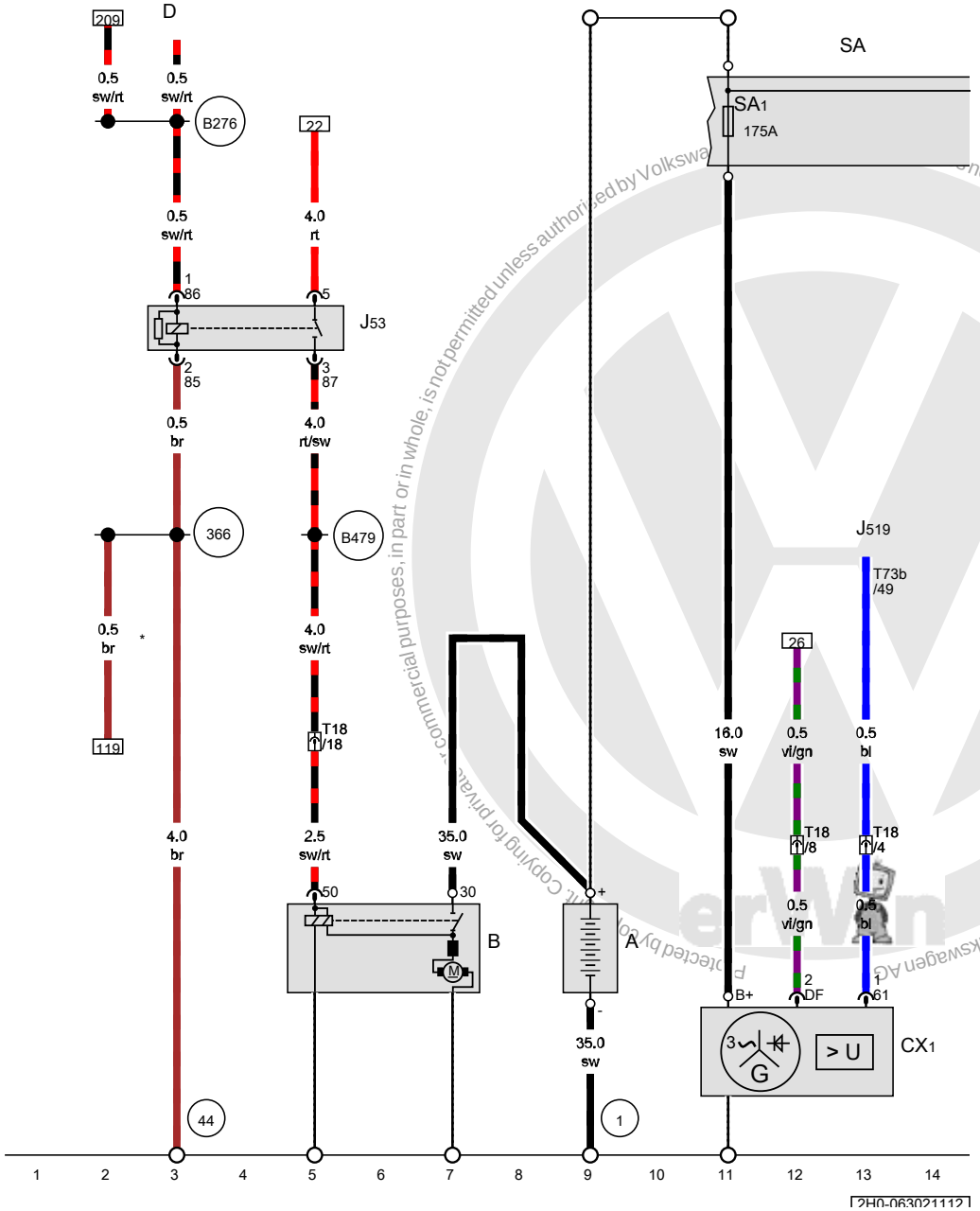
Battery, Starter, Alternator with voltage regulator, Starter motor relay, Fuse 1 in fuse holder A



A	Battery
B	Starter
CX1	Alternator with voltage regulator
D	Ignition/starter switch
J53	Starter motor relay
J519	Onboard supply control unit
SA	Fuse holder A
SA1	Fuse 1 in fuse holder A
T18	18-pin connector, near engine control unit, grey
T73b	73-pin connector
1	Earth strap, battery - body
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
B276	Positive connection (50), in main wiring harness
B479	Connection 15, in main wiring harness
*	From February 2013

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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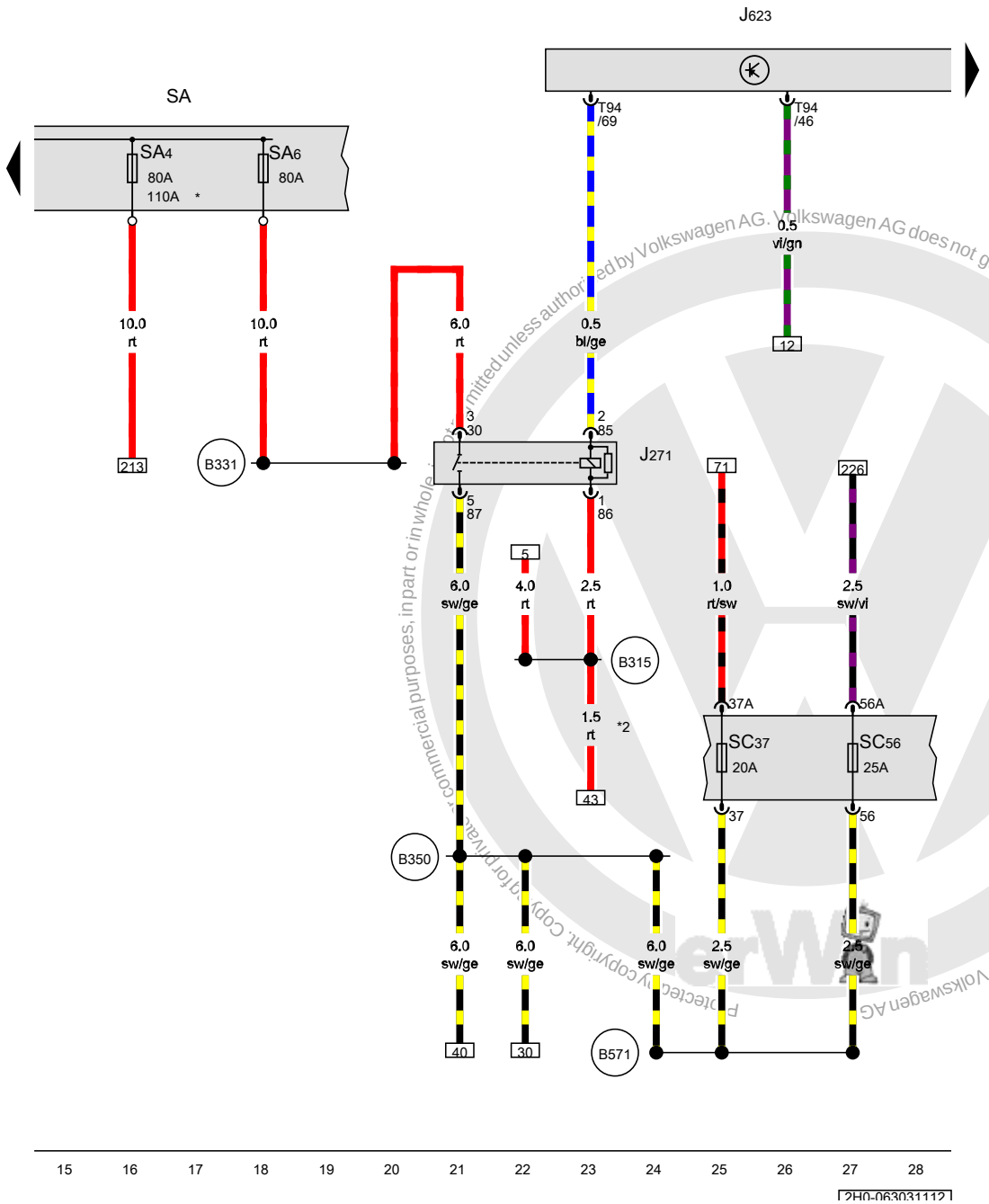

Main relay, Engine control unit, Fuse 4 in fuse holder A

J271	Main relay
J623	Engine control unit
SA	Fuse holder A
SA4	Fuse 4 in fuse holder A
SA6	Fuse 6 in fuse holder A
SC37	Fuse 37 on fuse holder C
SC56	Fuse 56 on fuse holder C
T94	94-pin connector, black
B315	Positive connection 1 (30a) in main wiring harness
B331	Positive connection 17 (30a) in main wiring harness
B350	Positive connection 1 (87a) in main wiring harness
B571	Connection 38, in main wiring harness
*	Only for countries with hot climate
*2	From February 1995

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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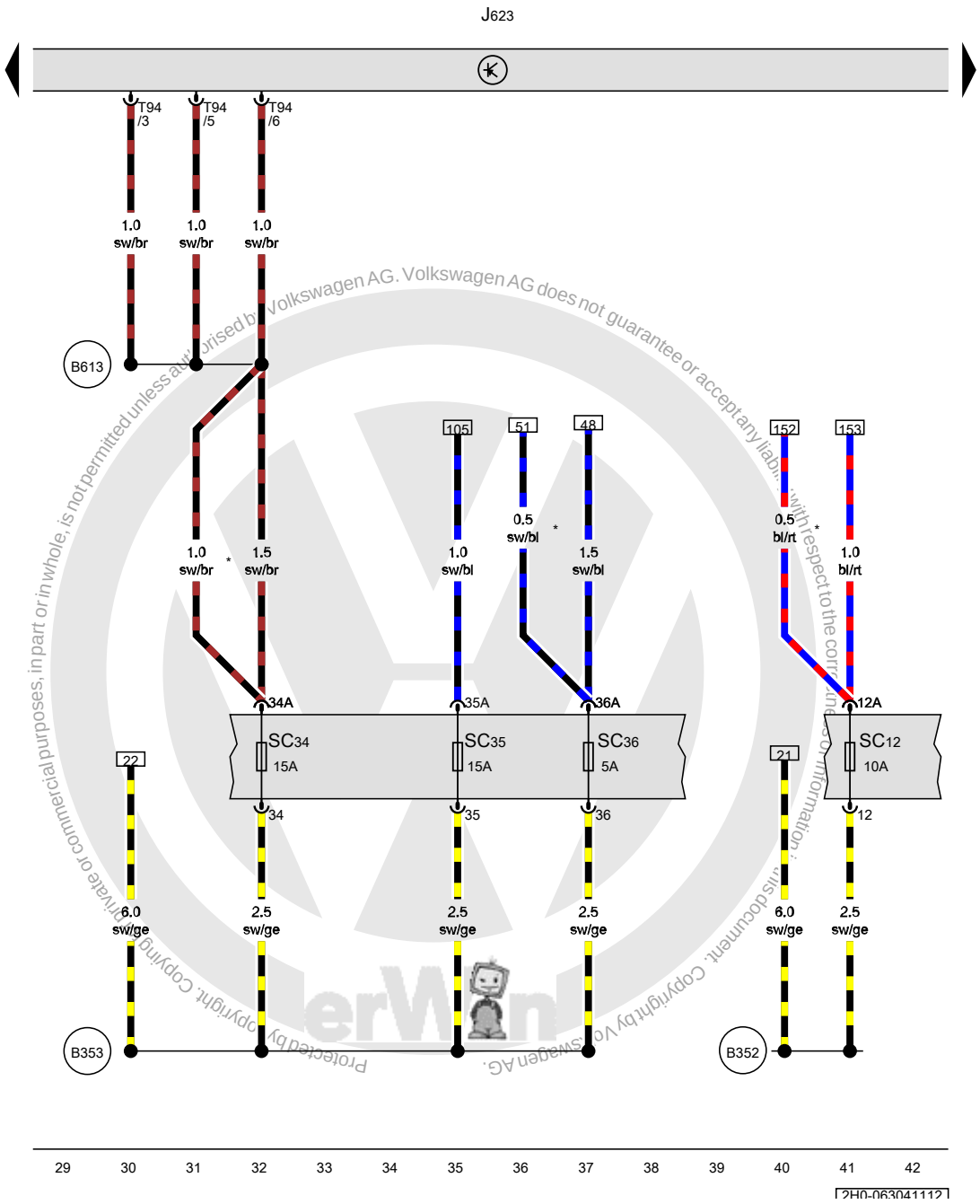

Engine control unit, Fuse 12 on fuse holder C, Fuse 35 on fuse holder C, Fuse 36 on fuse holder C

J623	Engine control unit
SC12	Fuse 12 on fuse holder C
SC34	Fuse 34 on fuse holder C
SC35	Fuse 35 on fuse holder C
SC36	Fuse 36 on fuse holder C
T94	94-pin connector, black
B352	Positive connection 3 (87a) in main wiring harness
B353	Positive connection 4 (87a) in main wiring harness
B613	Connection 41, in main wiring harness
*	From February 2013

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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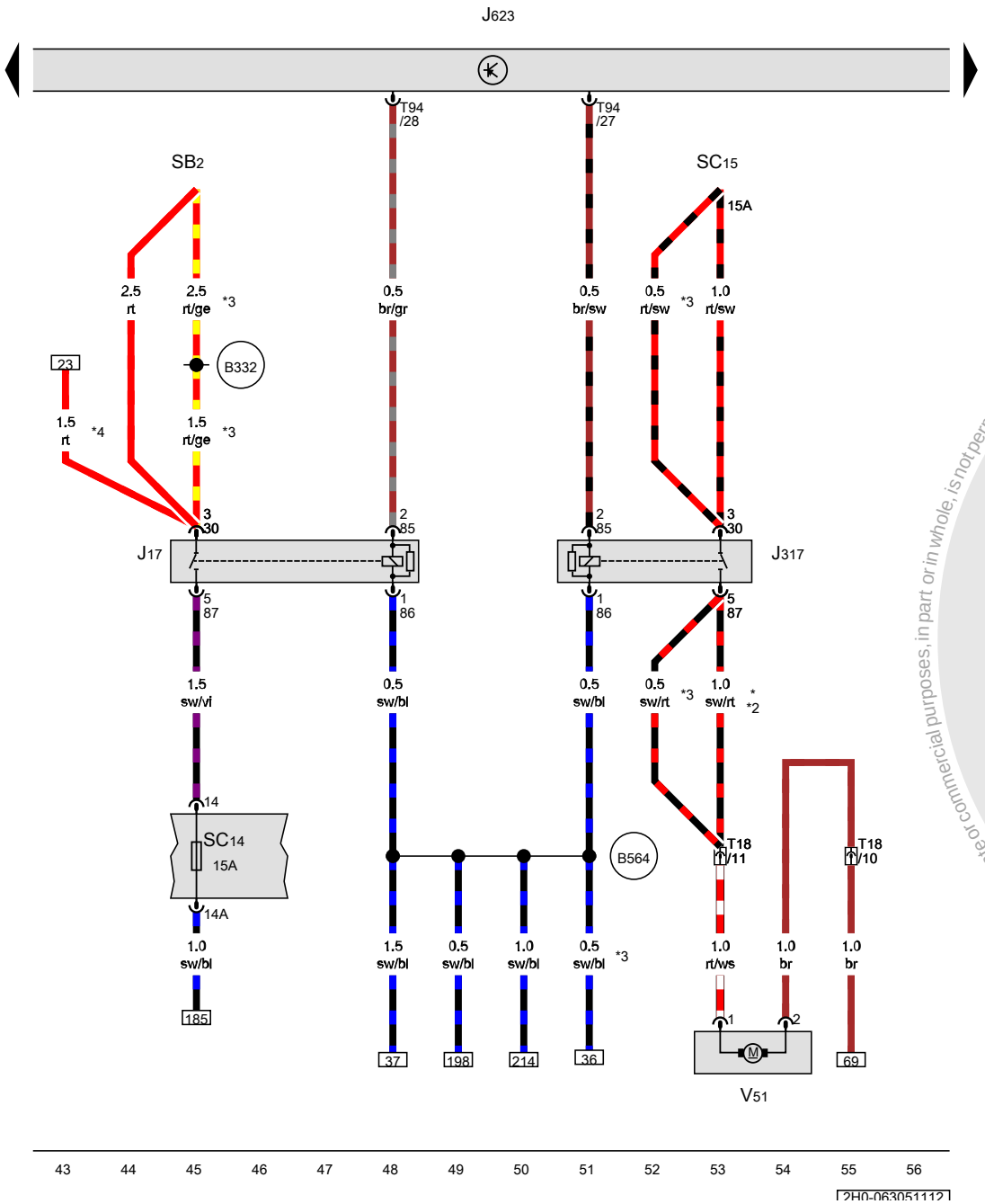

Fuel pump relay, Terminal 30 voltage supply relay, Engine control unit, Fuse 14 on fuse holder C, Fuse 15 on fuse holder C, Continued coolant circulation pump

J17	Fuel pump relay
J317	Terminal 30 voltage supply relay
J623	Engine control unit
SB2	Fuse 2 on fuse holder B
SC14	Fuse 14 on fuse holder C
SC15	Fuse 15 on fuse holder C
T18	18-pin connector, near engine control unit, grey
T94	94-pin connector, black
V51	Continued coolant circulation pump
B332	Positive connection 18 (30a) in main wiring harness
B564	Connection 31, in main wiring harness
*	Only models with no Climatronic
*2	see applicable current flow diagram for automatic air conditioning system
*3	From February 2013
*4	From February 1995

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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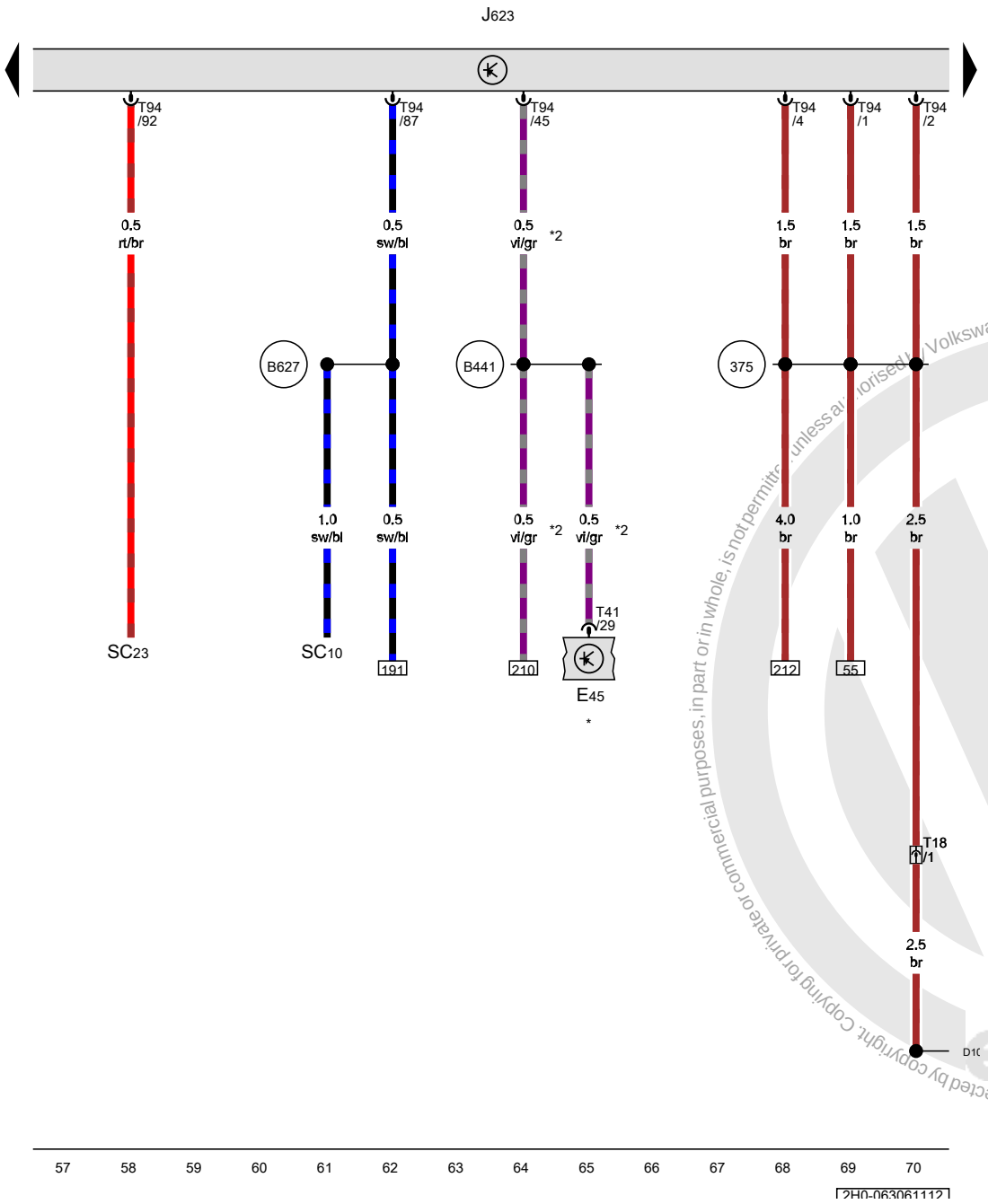

Cruise control system switch, Engine control unit, Fuse 10 on fuse holder C, Fuse 23 on fuse holder C

E45	Cruise control system switch
J623	Engine control unit
SC10	Fuse 10 on fuse holder C
SC23	Fuse 23 on fuse holder C
T18	18-pin connector, near engine control unit, grey
T41	41-pin connector
T94	94-pin connector, black
375	Earth connection 10, in main wiring harness
B441	Connection (CCS), in main wiring harness
B627	Positive connection 3 (15), in main wiring harness
D109	Connection 7 in engine compartment wiring harness
*	see applicable current flow diagram for basic equipment
*2	Only models with cruise control system (CCS)

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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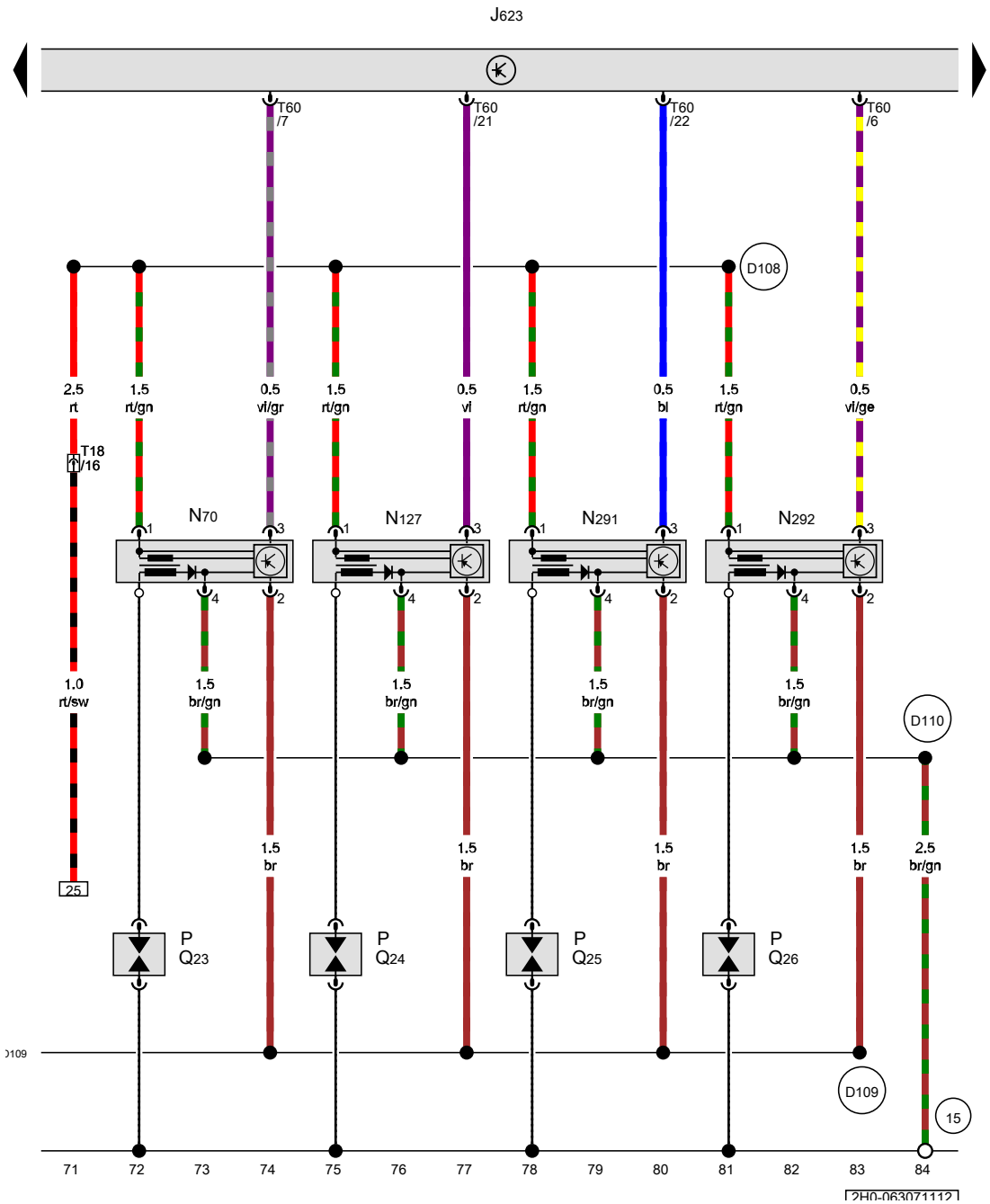

Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage, Spark plug connector, Spark plug 1, Spark plug 2, Spark plug 3, Spark plug 4

J623	Engine control unit
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
P	Spark plug connector
Q23	Spark plug 1
Q24	Spark plug 2
Q25	Spark plug 3
Q26	Spark plug 4
T18	18-pin connector, near engine control unit, grey
T60	60-pin connector, black
15	Earth point, on cylinder head
D108	Connection 6 in engine compartment wiring harness
D109	Connection 7 in engine compartment wiring harness
D110	Connection 8 in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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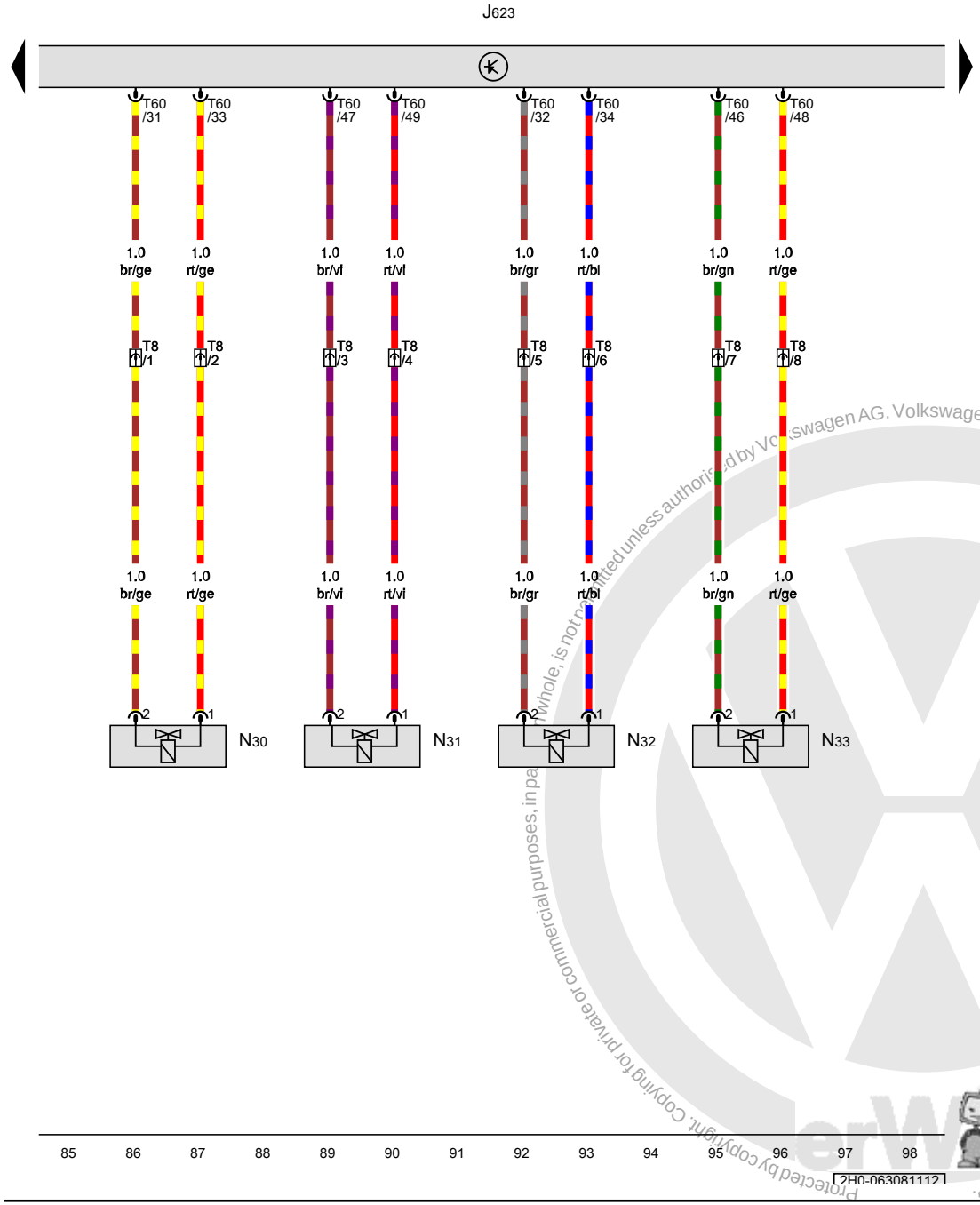
Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T8	8-pin connector, brown
T60	60-pin connector, black



ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
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or	=	orange
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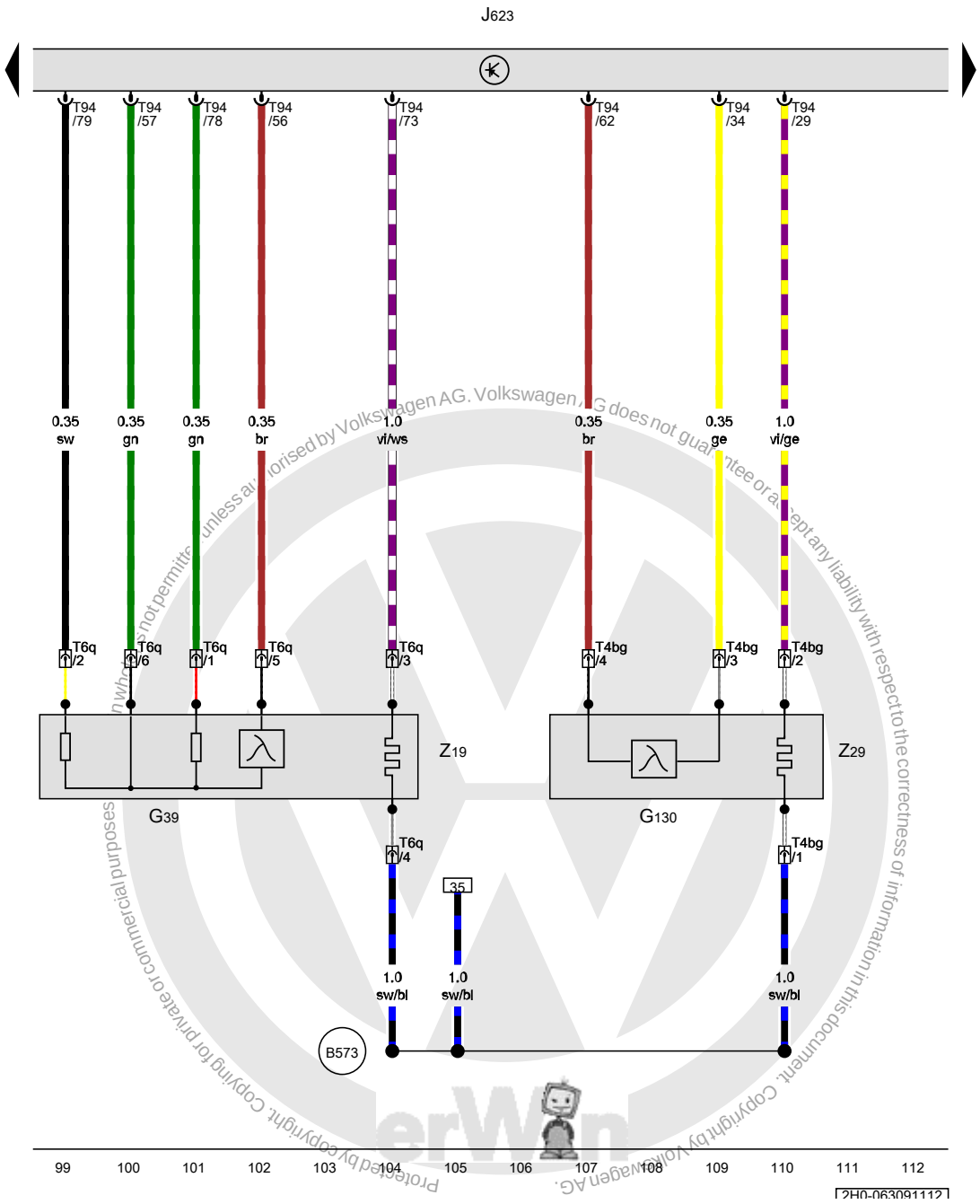

Lambda probe, Lambda probe after catalytic converter, Engine control unit

G39	Lambda probe
G130	Lambda probe after catalytic converter
J623	Engine control unit
T4bg	4-pin connector, in rear right of engine compartment, black
T6q	6-pin connector, front right in engine compartment, black
T94	94-pin connector, black
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
B573	Connection 40, in main wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
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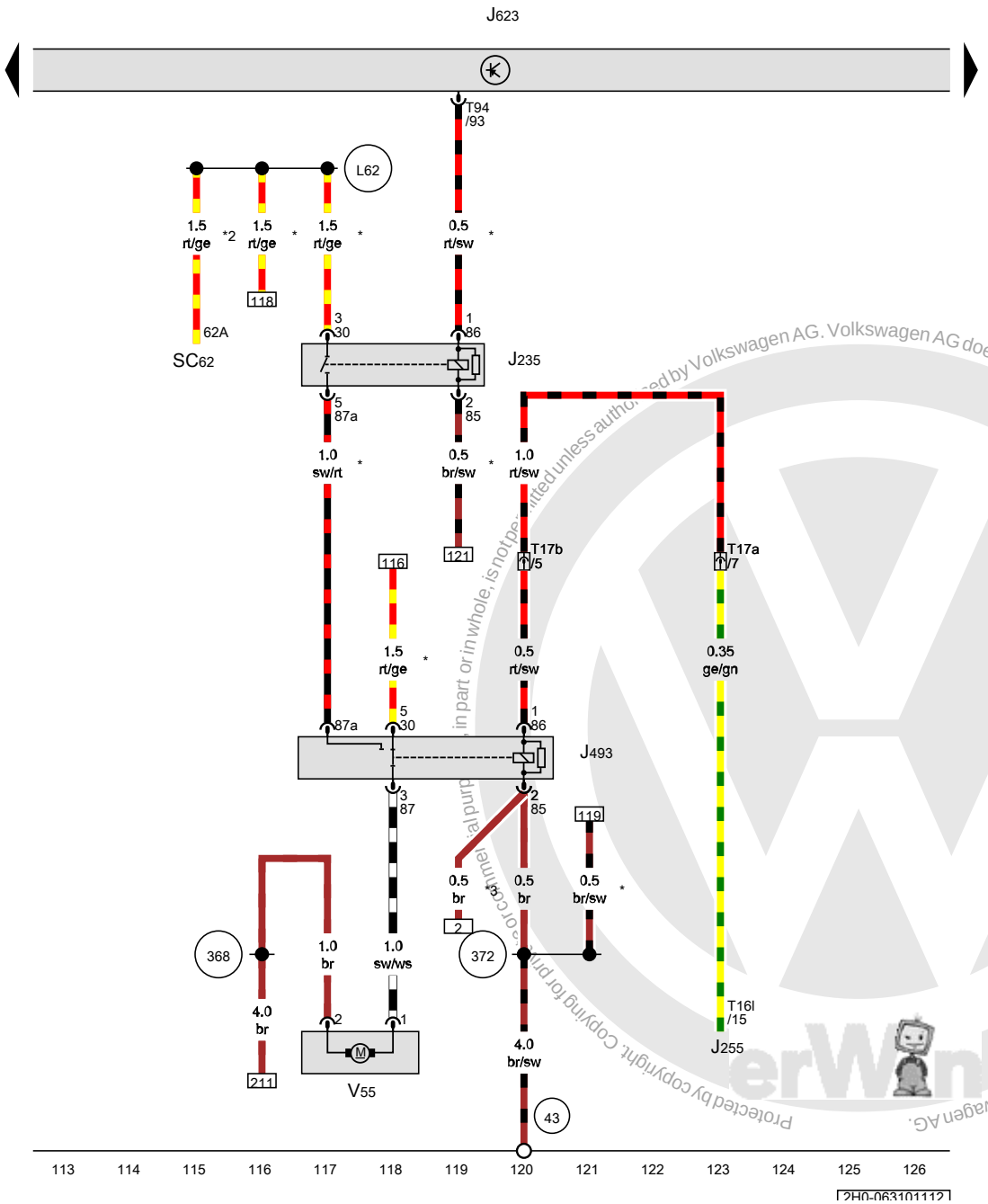

Engine control unit, Circulation pump

J235	Coolant pump relay
J255	Climatronic control unit
J493	Auxiliary coolant heater relay
J623	Engine control unit
SC62	Fuse 62 on fuse holder C
T16l	16-pin connector
T17a	17-pin connector, behind glove compartment, black
T17b	17-pin connector, on left under dash panel, brown
T94	94-pin connector, black
V55	Circulation pump
43	Earth point, lower part of right A-pillar
368	Earth connection 3, in main wiring harness
372	Earth connection 7, in main wiring harness
L62	Positive connection (30a), in auxiliary heater wiring harness
*	Only models with Climatronic
*2	see applicable current flow diagram for fuse assignment
*3	From February 2013

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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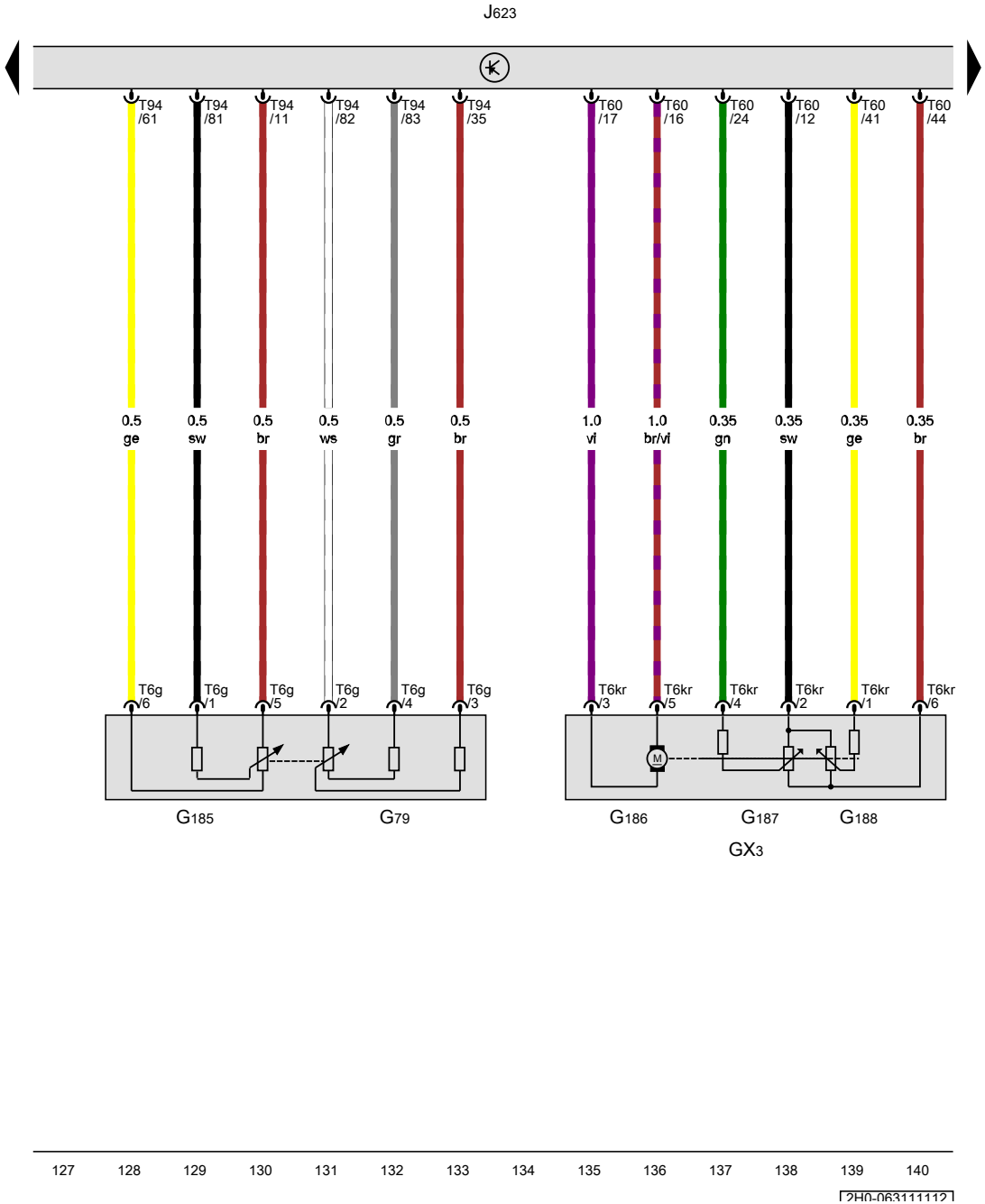

Throttle valve module, Accelerator position sender, Throttle valve drive for electric throttle, Engine control unit

GX3	Throttle valve module
G79	Accelerator position sender
G185	Accelerator position sender 2
G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
J623	Engine control unit
T6g	6-pin connector
T6kr	6-pin connector
T60	60-pin connector, black
T94	94-pin connector, black

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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or	=	orange
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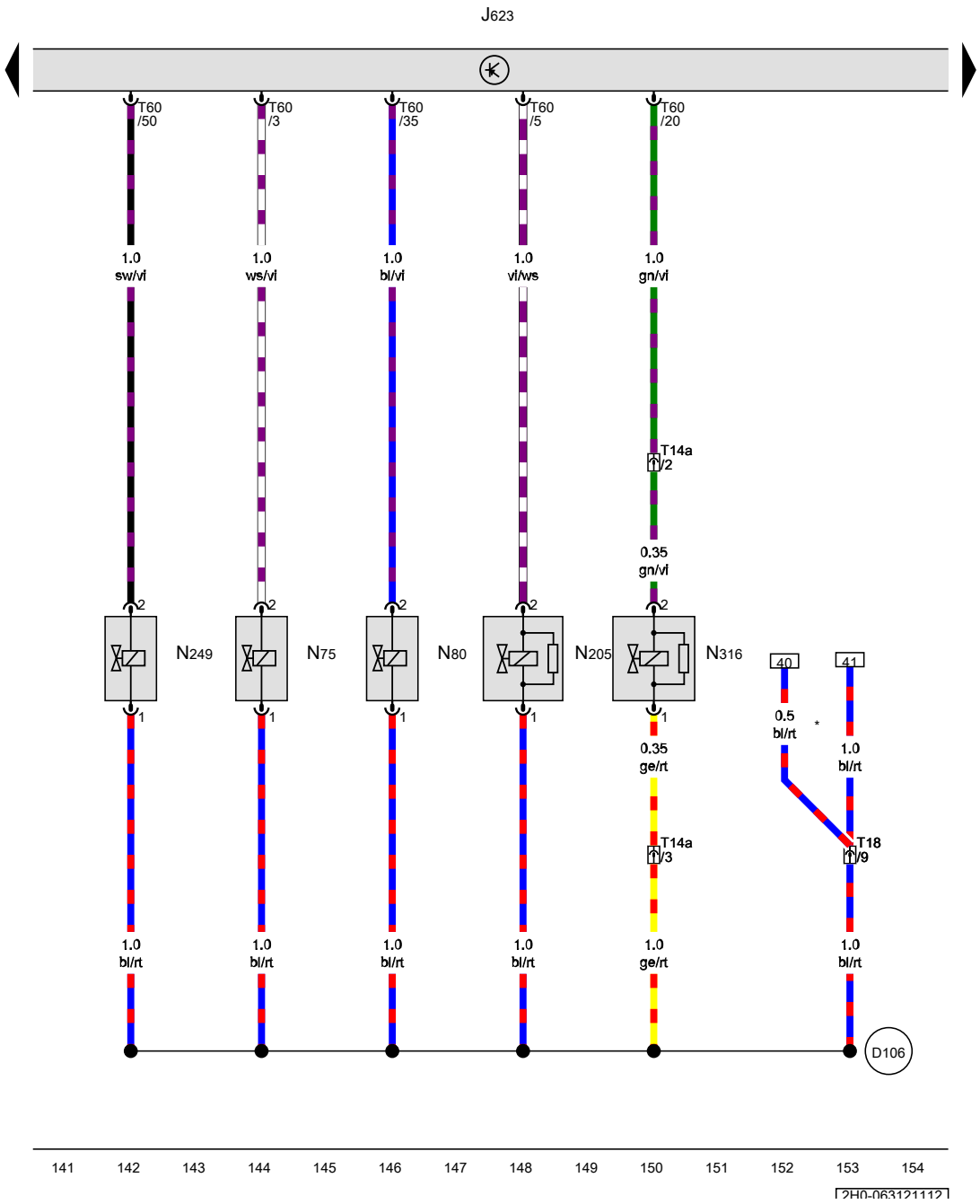

Engine control unit, Charge pressure control solenoid valve, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Turbocharger air recirculation valve, Intake manifold flap valve

J623	Engine control unit
N75	Charge pressure control solenoid valve
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N249	Turbocharger air recirculation valve
N316	Intake manifold flap valve
T14a	14-pin connector, front left in engine compartment, black
T18	18-pin connector, near engine control unit, grey
T60	60-pin connector, black
D106	Connection 4 in engine compartment wiring harness
*	From February 2013

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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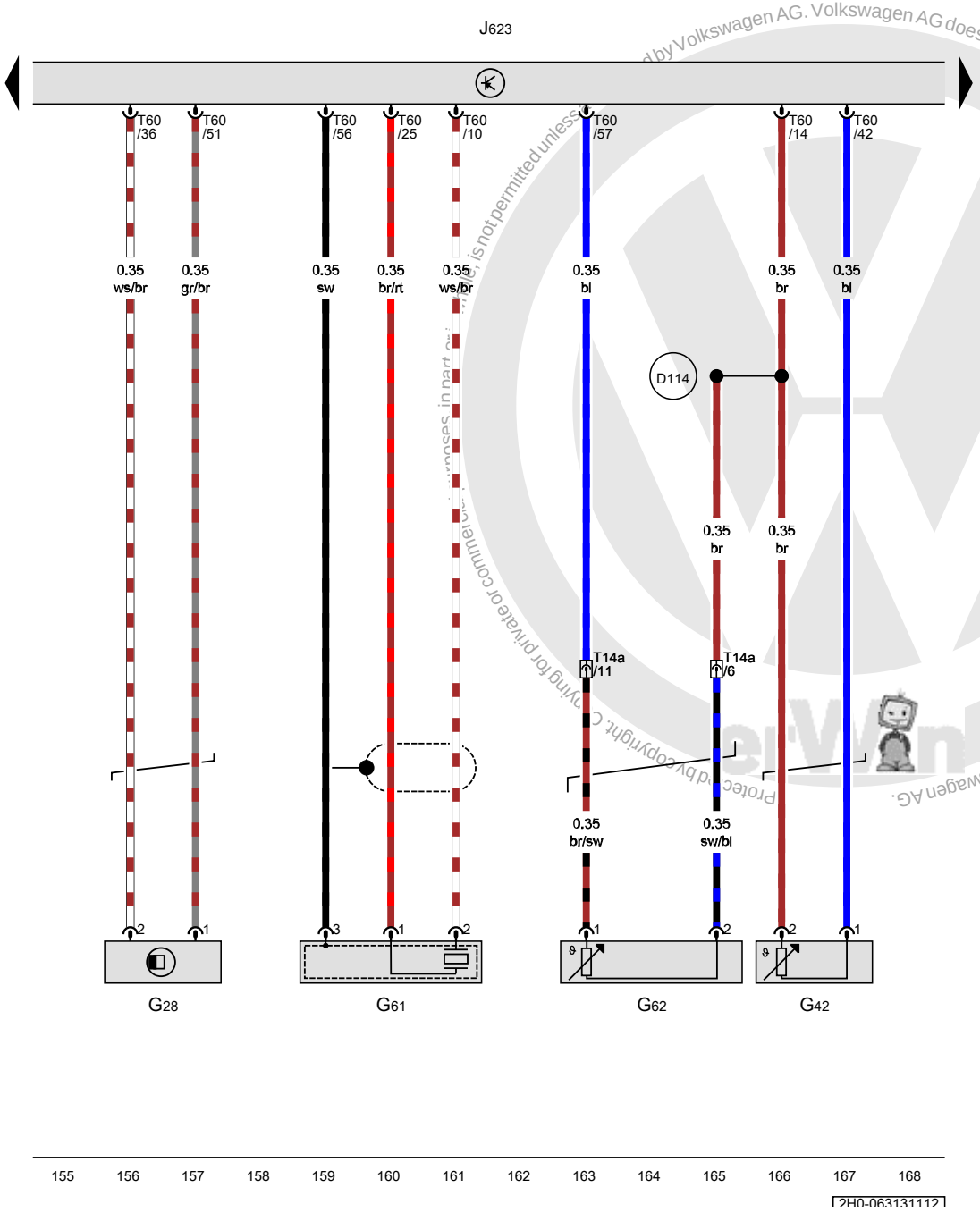
Engine speed sender, Intake air temperature sender, Knock sensor 1, Coolant temperature sender, Engine control unit

G28	Engine speed sender
G42	Intake air temperature sender
G61	Knock sensor 1
G62	Coolant temperature sender
J623	Engine control unit
T14a	14-pin connector, front left in engine compartment, black
T60	60-pin connector, black
D114	Connection 12 in engine compartment wiring harness



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sw	=	black
ro	=	red
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gn	=	green
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gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
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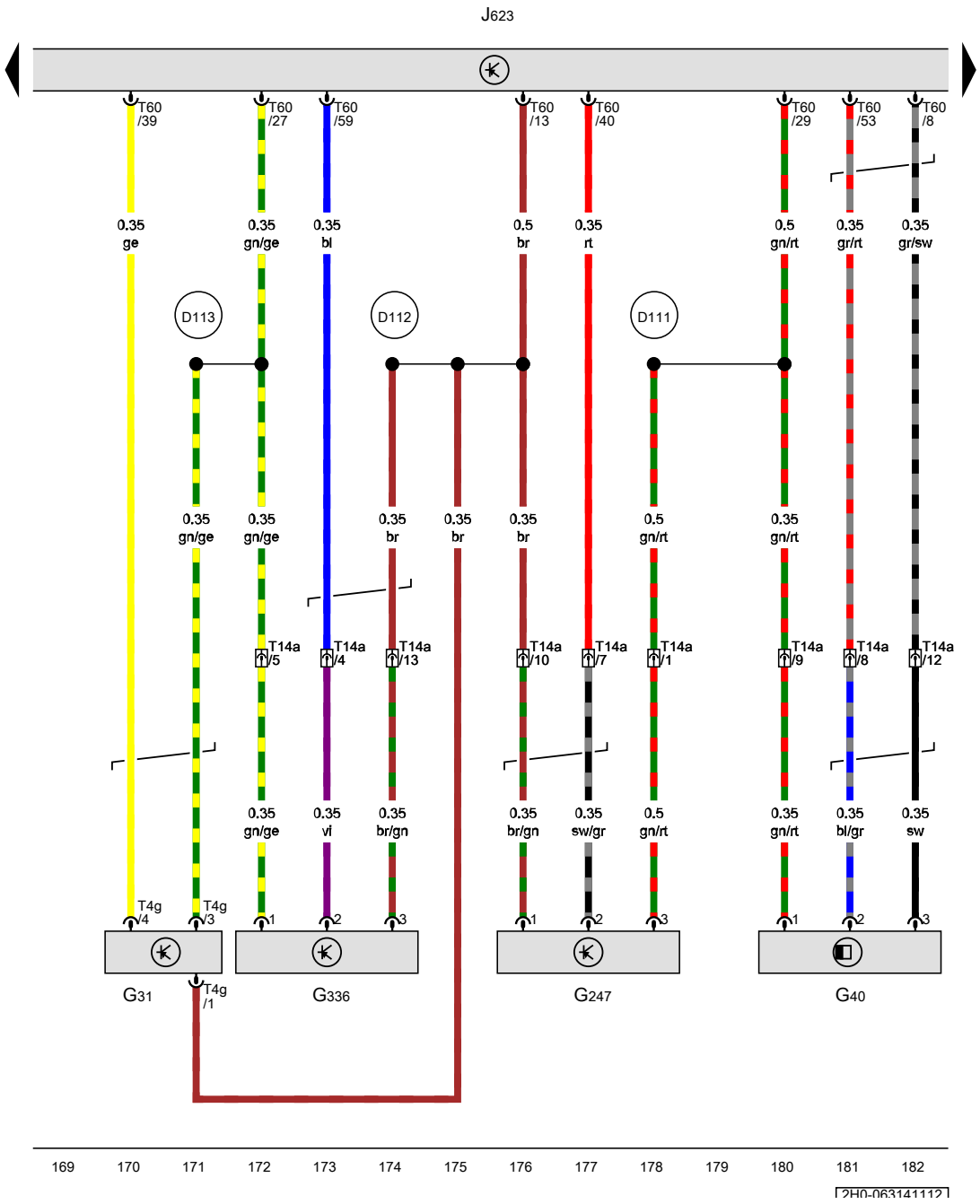

Charge pressure sender, Hall sender, Fuel pressure sender, Intake manifold flap potentiometer, Engine control unit

G31	Charge pressure sender
G40	Hall sender
G247	Fuel pressure sender
G336	Intake manifold flap potentiometer
J623	Engine control unit
T4g	4-pin connector
T14a	14-pin connector, front left in engine compartment, black
T60	60-pin connector, black
D111	Connection 9 in engine compartment wiring harness
D112	Connection 10 in engine compartment wiring harness
D113	Connection 11 in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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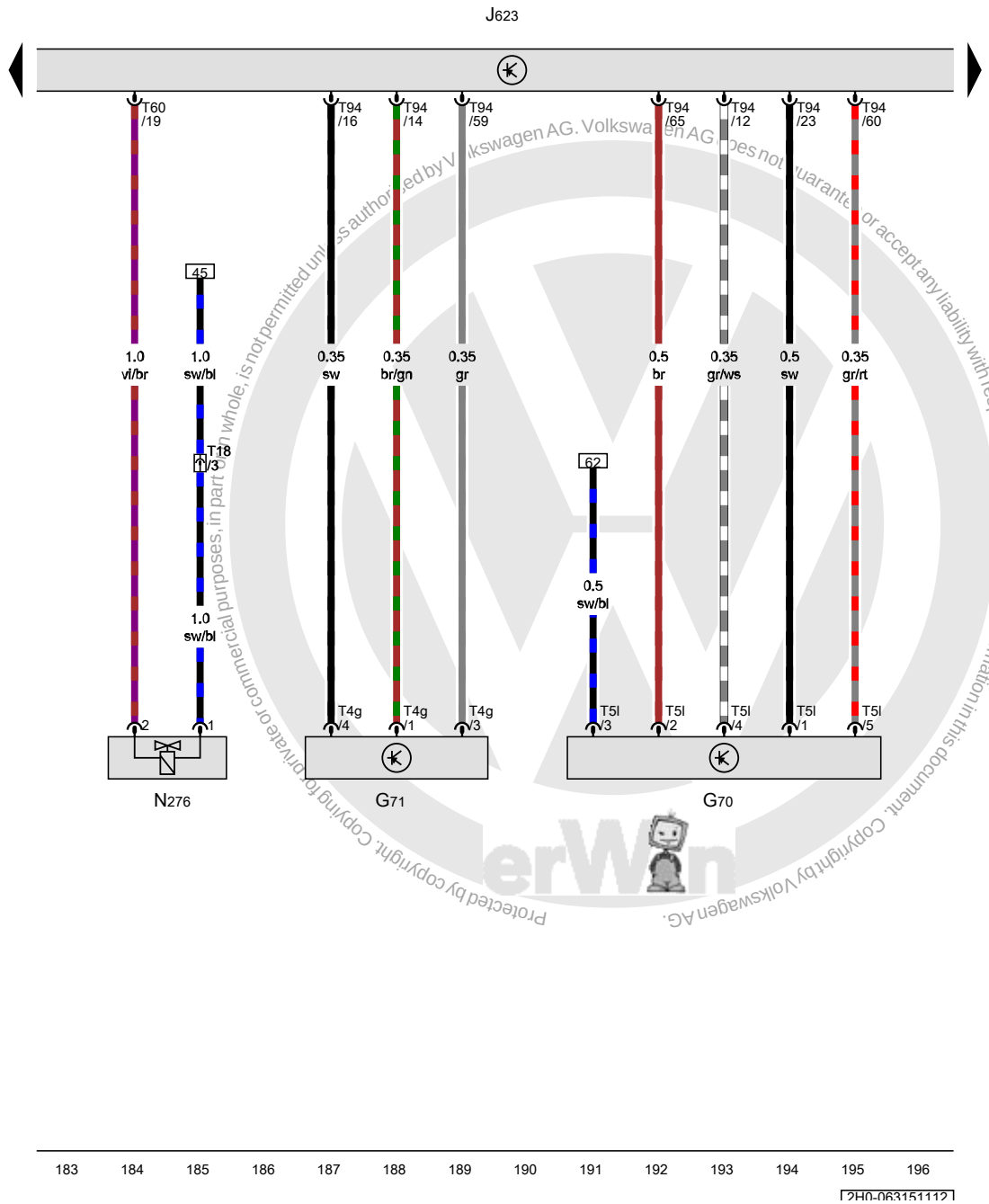

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Air mass meter, Intake manifold pressure sender, Engine control unit, Fuel pressure regulating valve

G70	Air mass meter
G71	Intake manifold pressure sender
J623	Engine control unit
N276	Fuel pressure regulating valve
T4g	4-pin connector
T5l	5-pin connector
T18	18-pin connector, near engine control unit, grey
T60	60-pin connector, black
T94	94-pin connector, black

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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or	=	orange
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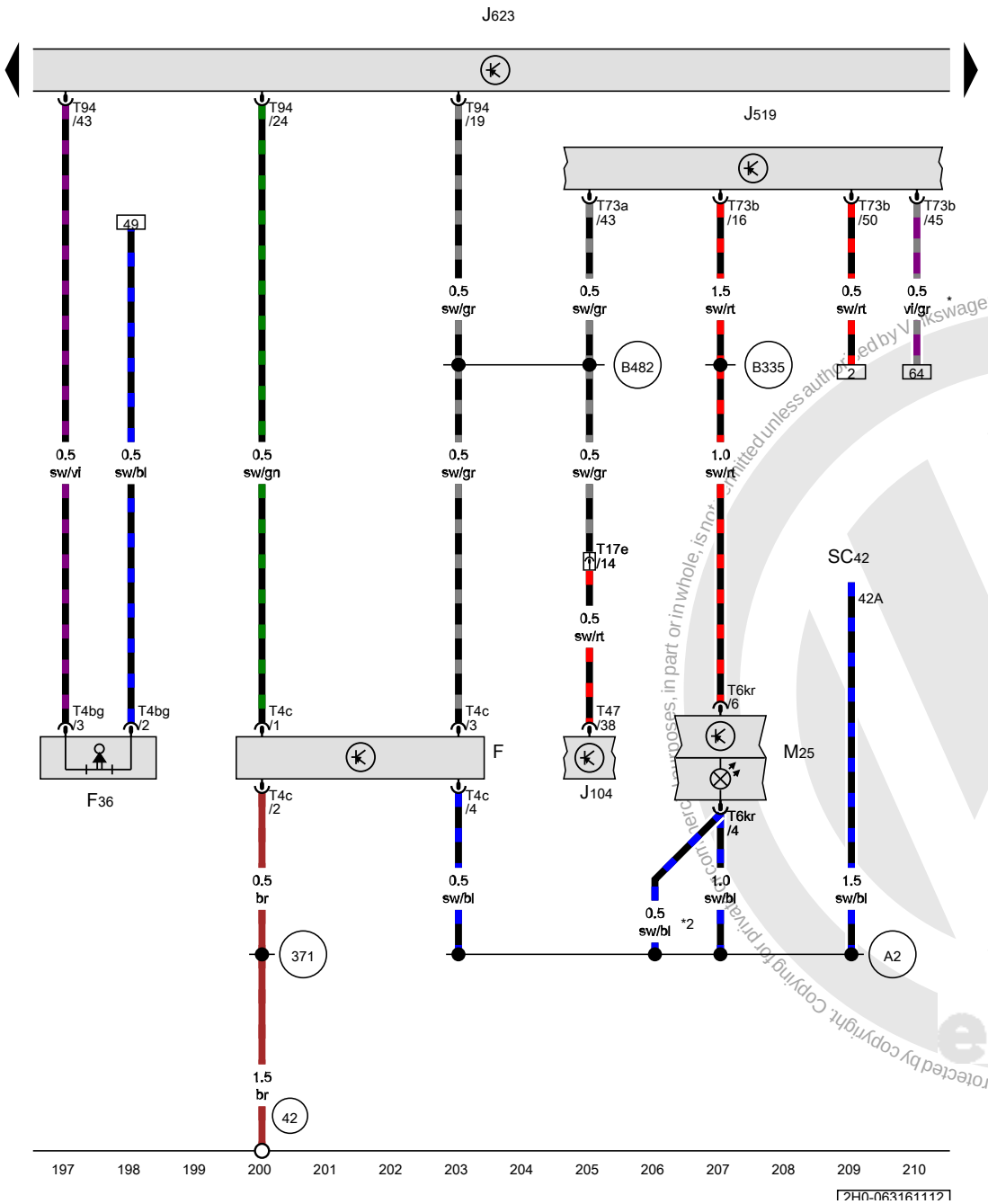

Brake light switch, Clutch pedal switch, ABS control unit, Engine control unit

F	Brake light switch
F36	Clutch pedal switch
J104	ABS control unit
J519	Onboard supply control unit
J623	Engine control unit
M25	Additional brake light bulb
SC42	Fuse 42 on fuse holder C
T4bg	4-pin connector
T4c	4-pin connector
T6kr	6-pin connector
T17e	17-pin connector, near handbrake lever, red
T47	47-pin connector
T73a	73-pin connector
T73b	73-pin connector
T94	94-pin connector, black
42	Earth point, next to steering column
371	Earth connection 6, in main wiring harness
A2	Positive connection (15), in dash panel wiring harness
B335	Connection 1 (54), in main wiring harness
B482	Connection 18, in main wiring harness
*	Only models with cruise control system (CCS)
*2	From February 2013

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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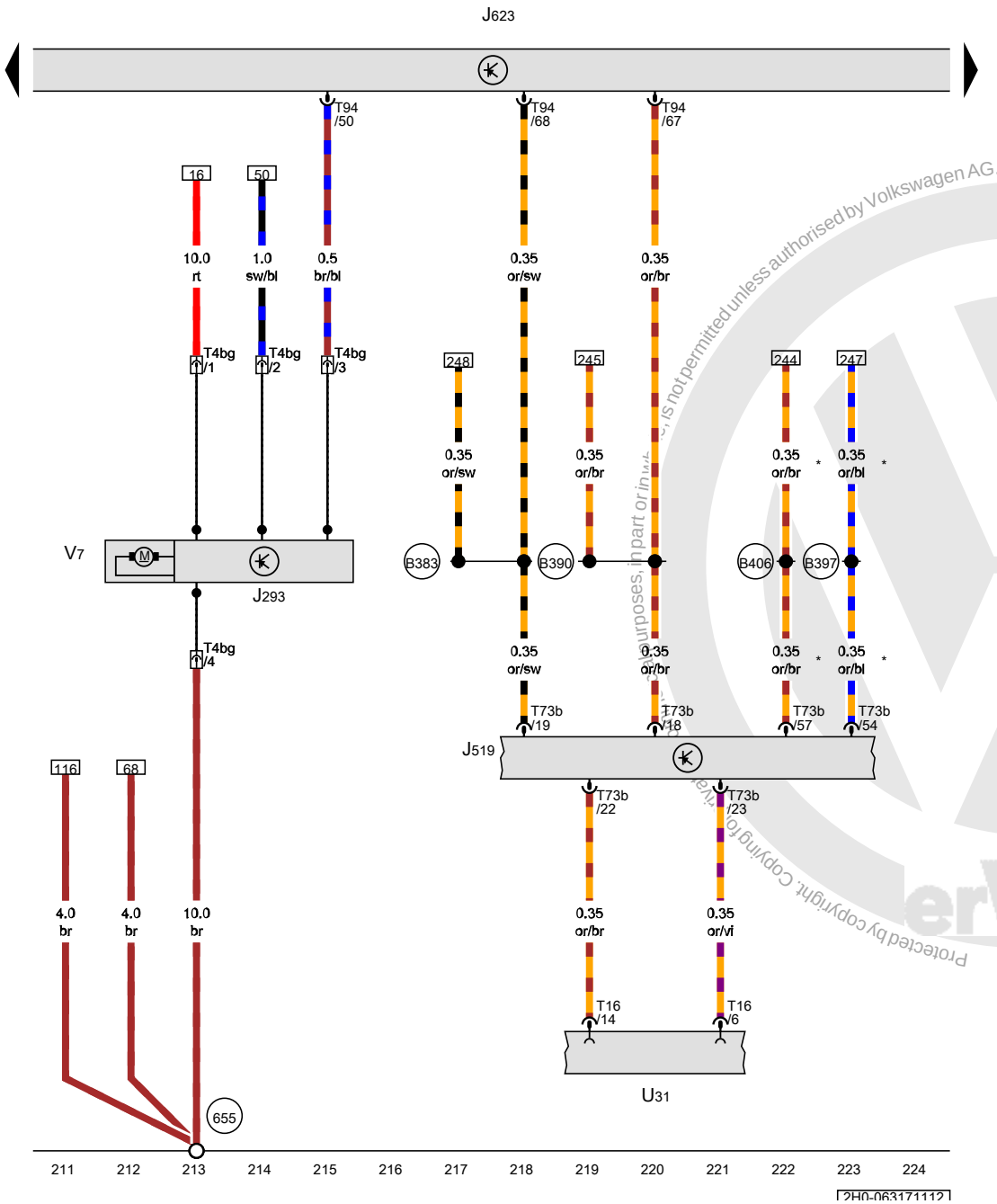

Engine control unit

J293	Radiator fan control unit
J519	Onboard supply control unit
J623	Engine control unit
T4bg	4-pin connector, in rear right of engine compartment, black
T16	16-pin connector
T73b	73-pin connector
T94	94-pin connector, black
U31	Diagnostic connection
V7	Radiator fan
655	Earth point, on left headlight
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	Only models with automatic driving lights control

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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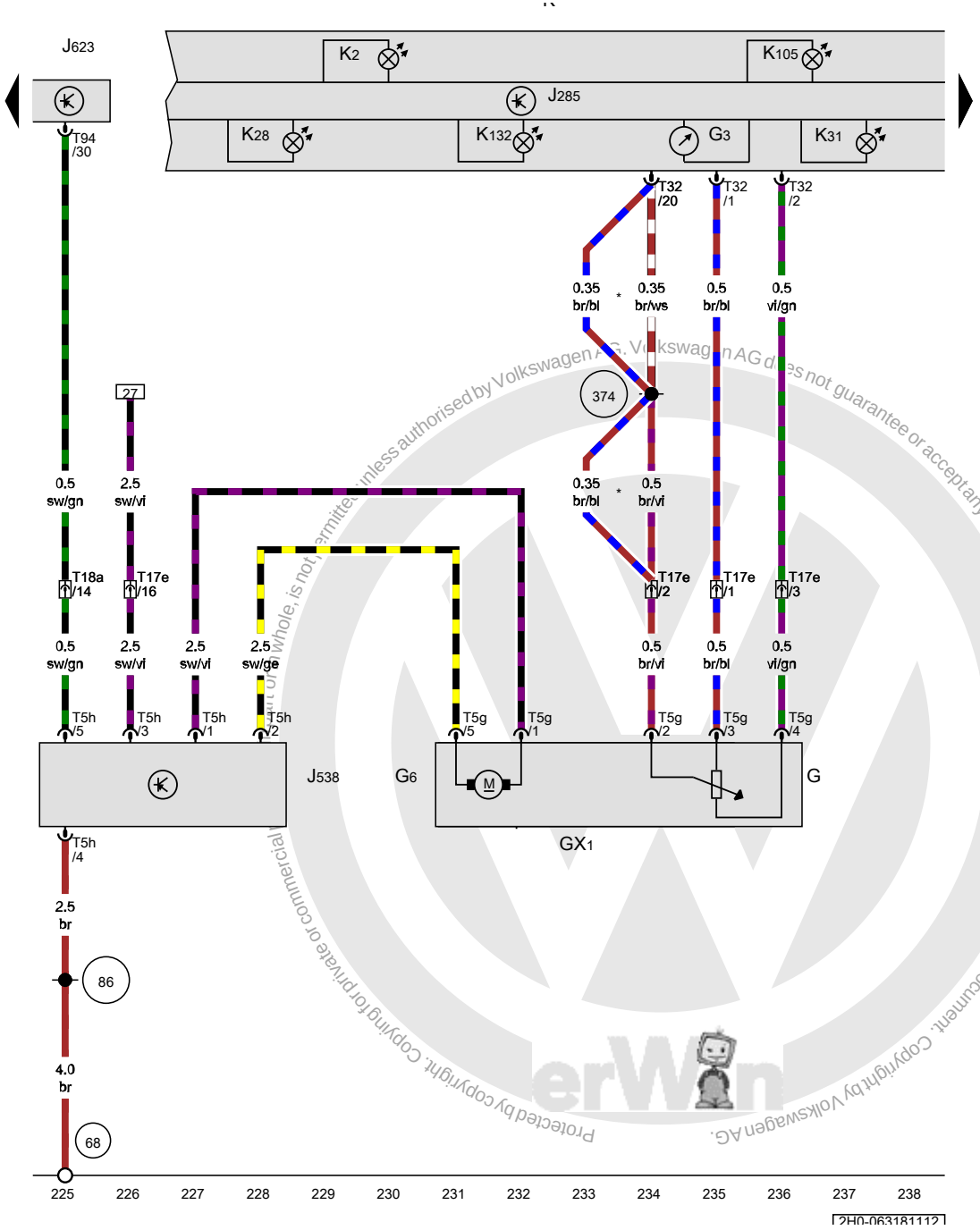

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Fuel gauge sender, Fuel system pressurisation pump, Fuel pump control unit, Engine control unit, Dash panel insert

G	Fuel gauge sender, on fuel tank
GX1	Fuel delivery unit
G3	Coolant temperature gauge
G6	Fuel system pressurisation pump
J285	Control unit in dash panel insert
J538	Fuel pump control unit, on fuel tank
J623	Engine control unit
K	Dash panel insert
K2	Alternator warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K31	Cruise control system warning lamp
K105	Reserve fuel warning lamp
K132	Electronic power control fault lamp
T5g	5-pin connector, black
T5h	5-pin connector, black
T17e	17-pin connector, near handbrake lever, red
T18a	18-pin connector, near engine control unit, grey
T32	32-pin connector, blue
T94	94-pin connector, black
68	Earth point, on left of rear cross member
86	Earth connection 1, in rear wiring harness
374	Earth connection 9, in main wiring harness
*	From February 2013

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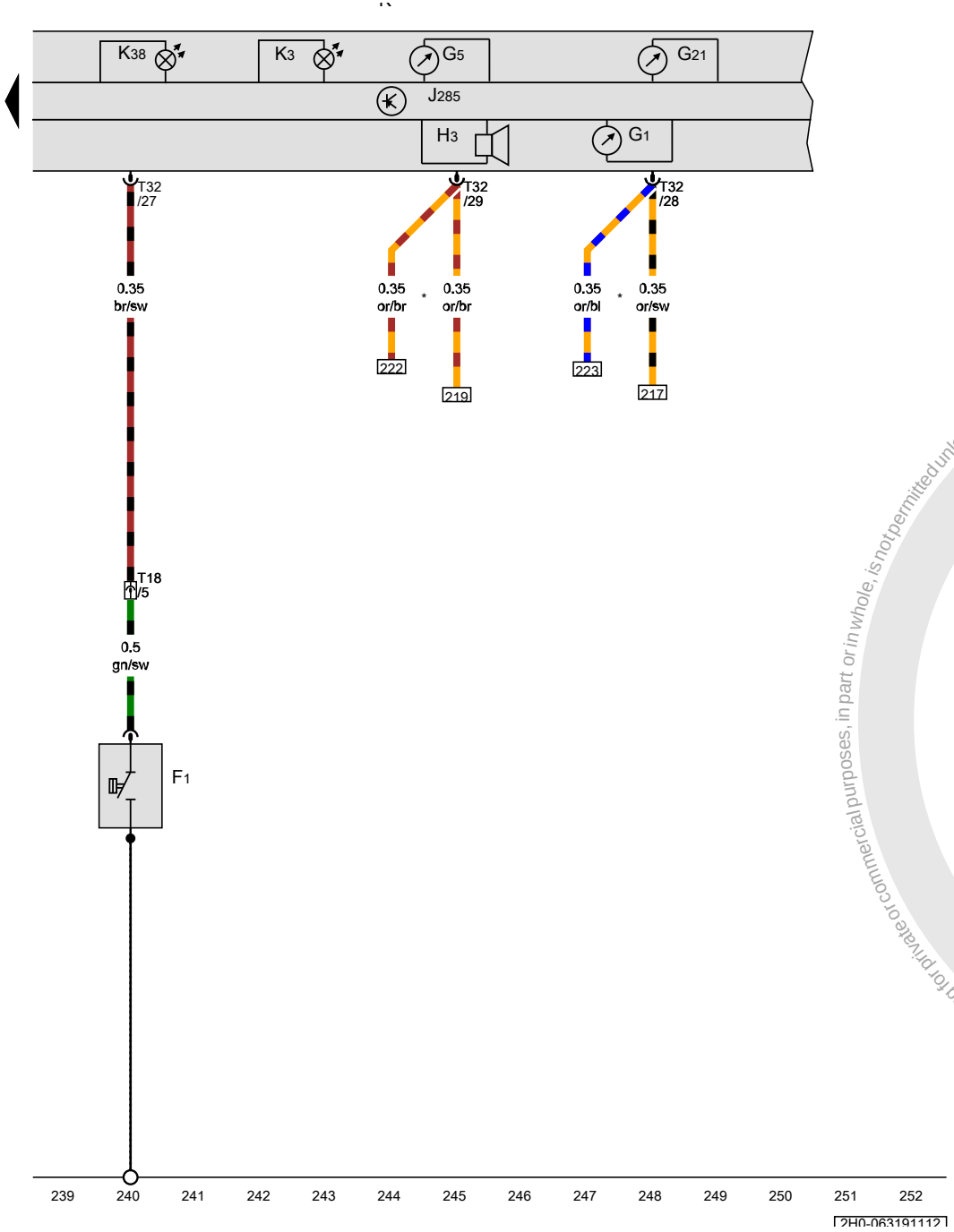

Oil pressure switch, Dash panel insert

F1	Oil pressure switch
G1	Fuel gauge
G5	Rev. counter
G21	Speedometer
H3	Buzzer and gong
J285	Control unit in dash panel insert
K	Dash panel insert
K3	Oil pressure warning lamp
K38	Oil level warning lamp
T18	18-pin connector, near engine control unit, black
T32	32-pin connector, blue
*	Only models with automatic driving lights control

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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2.0l diesel engine , CDBA,(7L6)

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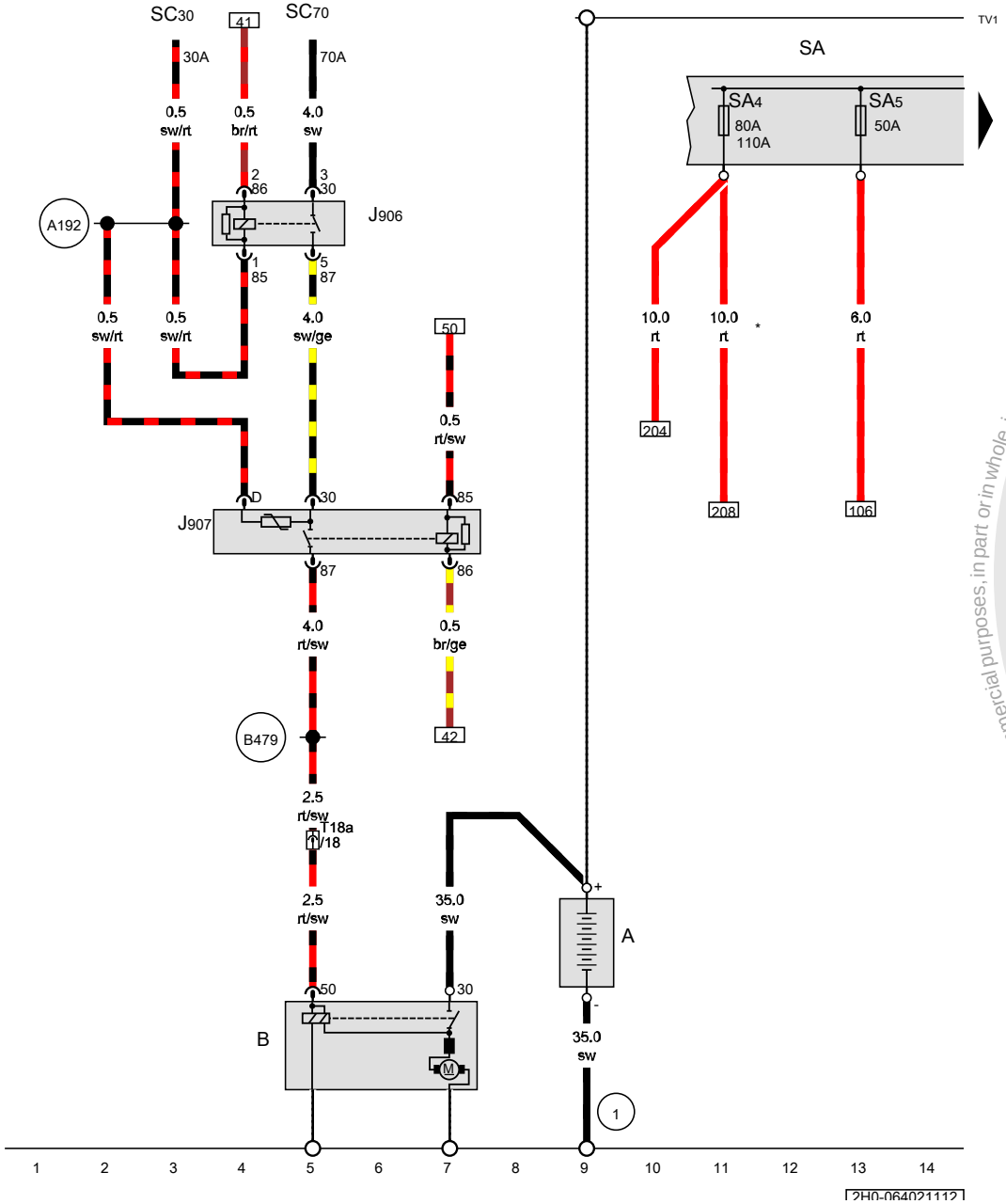
Battery, Starter, Starter relay 1, Starter relay 2, Fuse holder A, Fuse 5 in fuse holder A



A	Battery
B	Starter
J906	Starter relay 1
J907	Starter relay 2
SA	Fuse holder A
SA4	Fuse 4 in fuse holder A
SA5	Fuse 5 in fuse holder A
SC30	Fuse 30 on fuse holder C
SC70	Fuse 70 on fuse holder C
T18a	18-pin connector, near engine control unit, grey
1	Earth strap, battery - body
A192	Positive connection 3 (15a) in dash panel wiring harness
B479	Connection 15, in main wiring harness
*	Hot country version

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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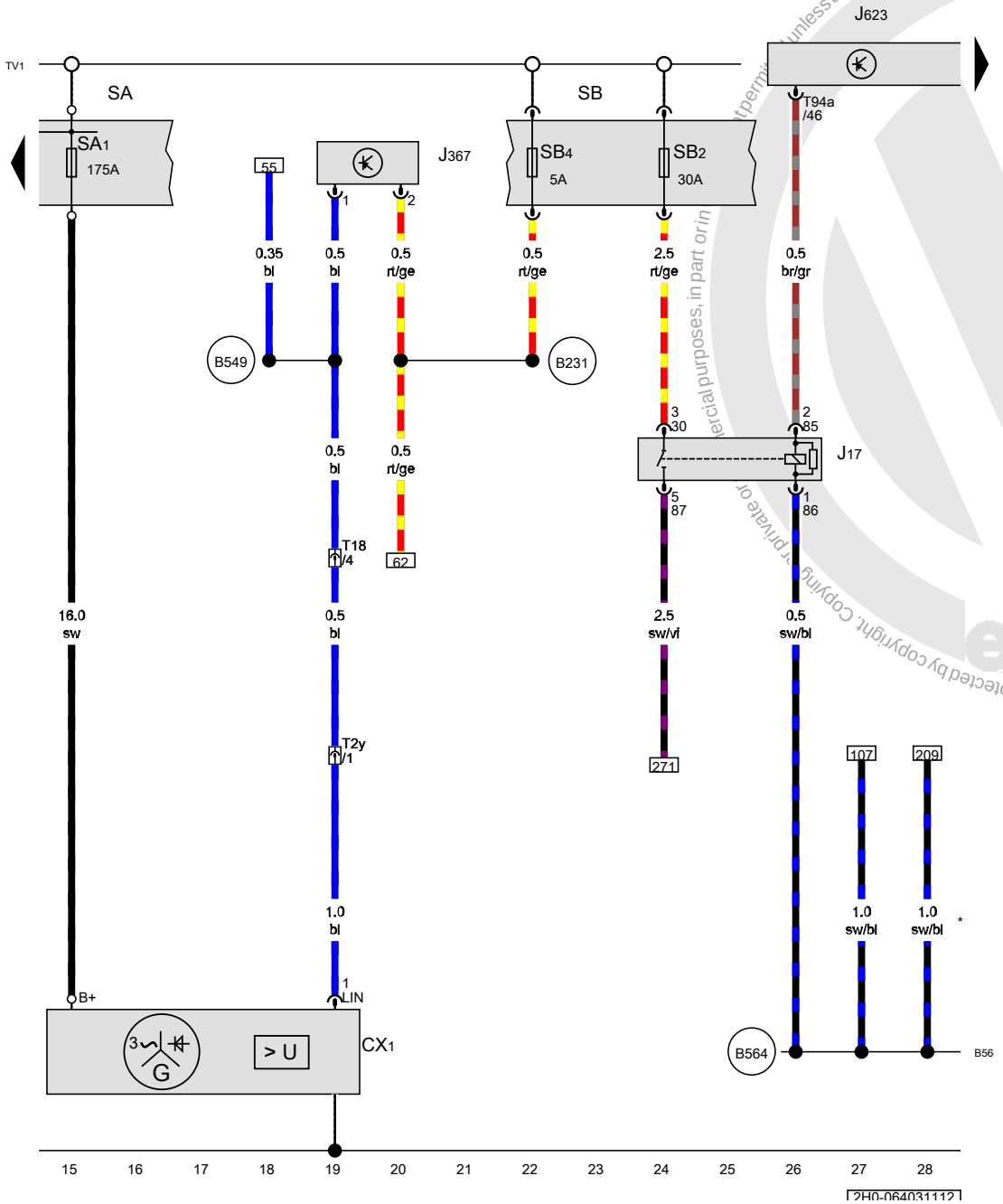

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Alternator with voltage regulator, Fuel pump relay, Battery monitor control unit, Engine control unit, Fuse holder A, Fuse 1 in fuse holder A, Fuse holder B, Fuse 2 on fuse holder B

CX1	Alternator with voltage regulator
J17	Fuel pump relay
J367	Battery monitor control unit
J623	Engine control unit
SA	Fuse holder A
SA1	Fuse 1 in fuse holder A
SB	Fuse holder B
SB2	Fuse 2 on fuse holder B
SB4	Fuse 4 on fuse holder B
T2y	2-pin connector, front left in engine compartment, black
T18	18-pin connector, near engine control unit, black
T94a	94-pin connector, black
B231	Positive connection 5 (30a), in interior wiring harness
B549	Connection 2 (LIN bus) in main wiring harness
B564	Connection 31, in main wiring harness
*	Hot country version

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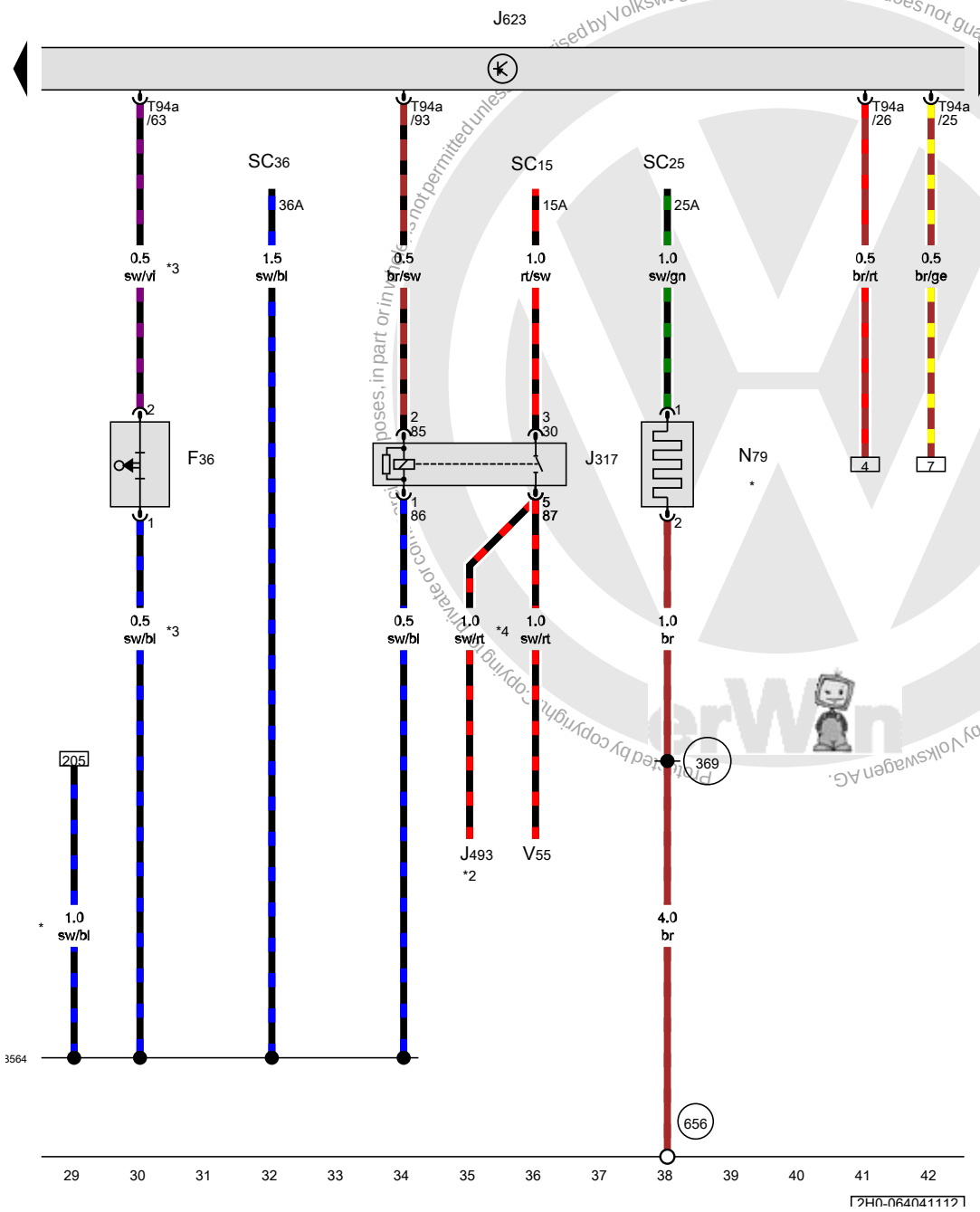

Terminal 30 voltage supply relay, Auxiliary coolant heater relay, Engine control unit, Heater element for crankcase breather, Fuse 15 on fuse holder C, Fuse 25 on fuse holder C, Fuse 36 on fuse holder C

F36	Clutch pedal switch
J317	Terminal 30 voltage supply relay, on relay carrier
J493	Auxiliary coolant heater relay
J623	Engine control unit
N79	Heater element for crankcase breather
SC15	Fuse 15 on fuse holder C
SC25	Fuse 25 on fuse holder C
SC36	Fuse 36 on fuse holder C
T94a	94-pin connector, black
V55	Circulation pump
369	Earth connection 4, in main wiring harness
656	Earth point, on right headlight
B564	Connection 31, in main wiring harness
*	Only models with crankcase breather heater element
*2	see applicable current flow diagram for air conditioning
*3	Only models with manual gearbox
*4	Only models with Climatronic

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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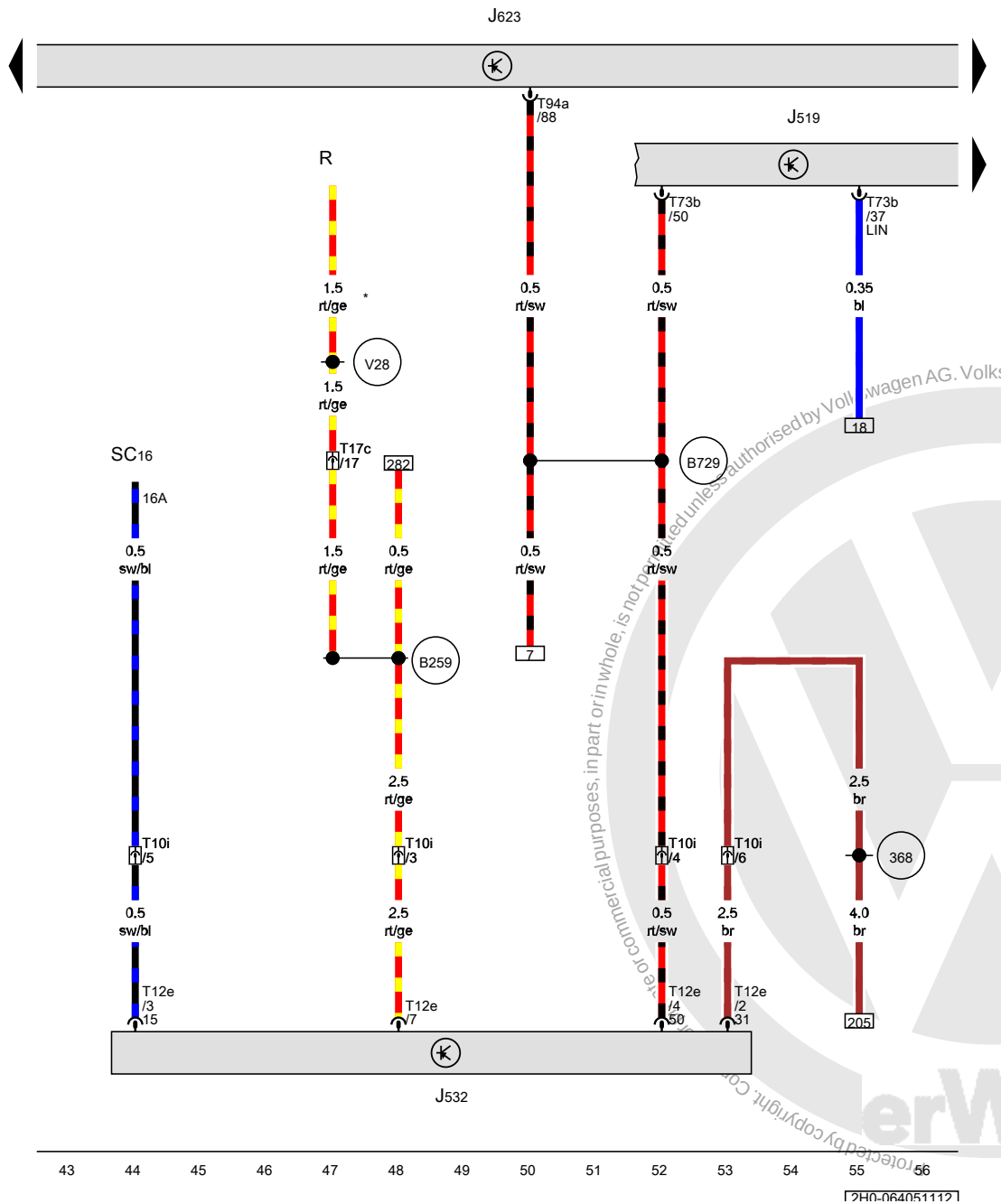

Onboard supply control unit, Voltage stabiliser, Engine control unit, Fuse 16 on fuse holder C

J519	Onboard supply control unit
J532	Voltage stabiliser, in front left wing
J623	Engine control unit
R	Radio
SC16	Fuse 16 on fuse holder C
T10i	10-pin connector, on left wheel housing, black
T12e	12-pin connector, black
T17c	17-pin connector, on left under dash panel, black
T73b	73-pin connector
T94a	94-pin connector, black
368	Earth connection 3, in main wiring harness
B259	Connection (start/stop signal), in interior wiring harness
B729	Connection 1 (50), in main wiring harness
V28	Connection 1, in radio wiring harness
*	see applicable current flow diagram

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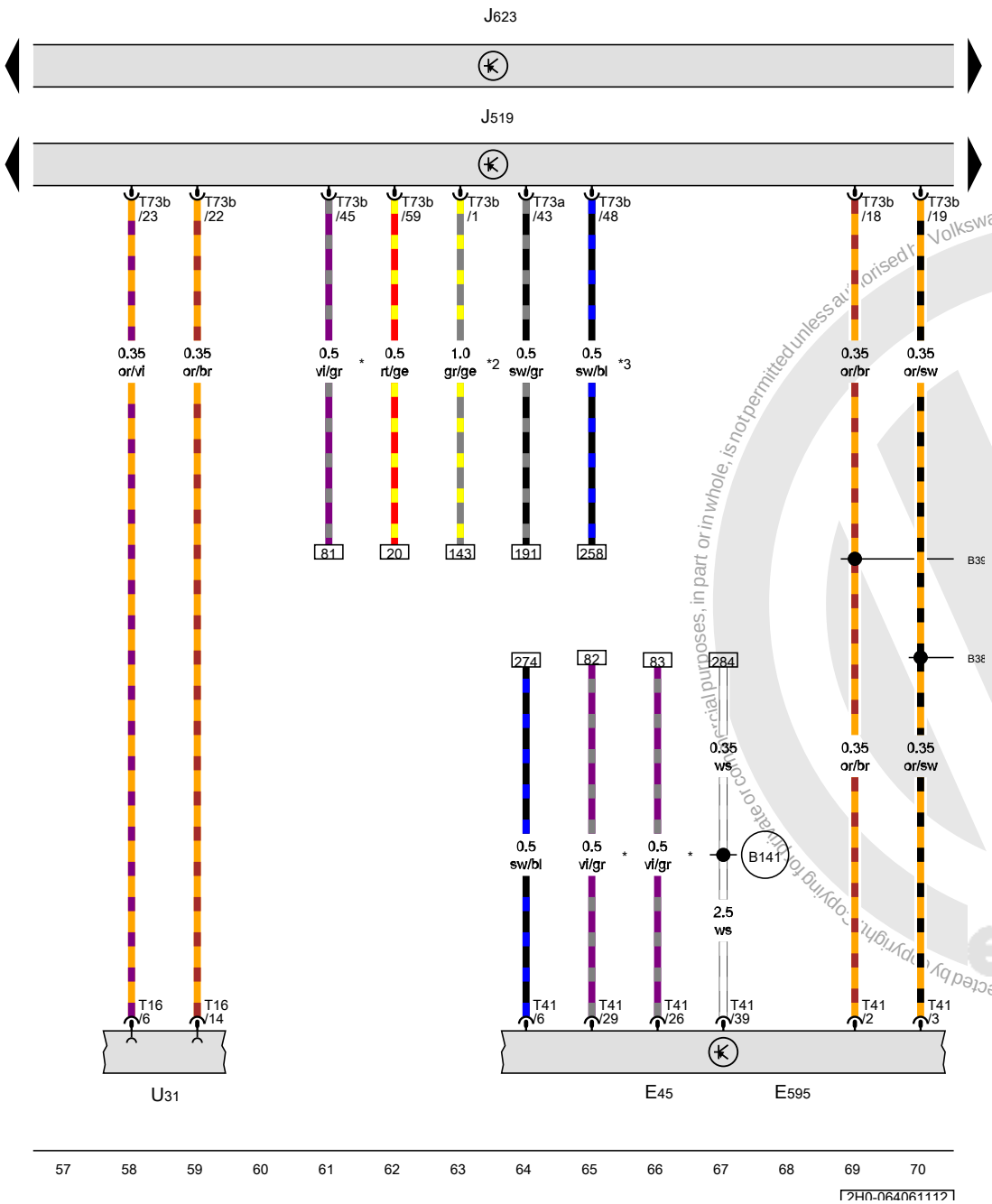

Cruise control system switch, Steering column combination switch, Onboard supply control unit, Engine control unit

E45	Cruise control system switch
E595	Steering column combination switch
J519	Onboard supply control unit
J623	Engine control unit
T16	16-pin connector, black
T41	41-pin connector, grey
T73a	73-pin connector, black
T73b	73-pin connector
U31	Diagnostic connection
B141	Positive connection 1 (56a), in interior wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	Only models with cruise control system (CCS)
*2	Only models with no headlight range control, see respective Current Flow Diagram headlight
*3	Only models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
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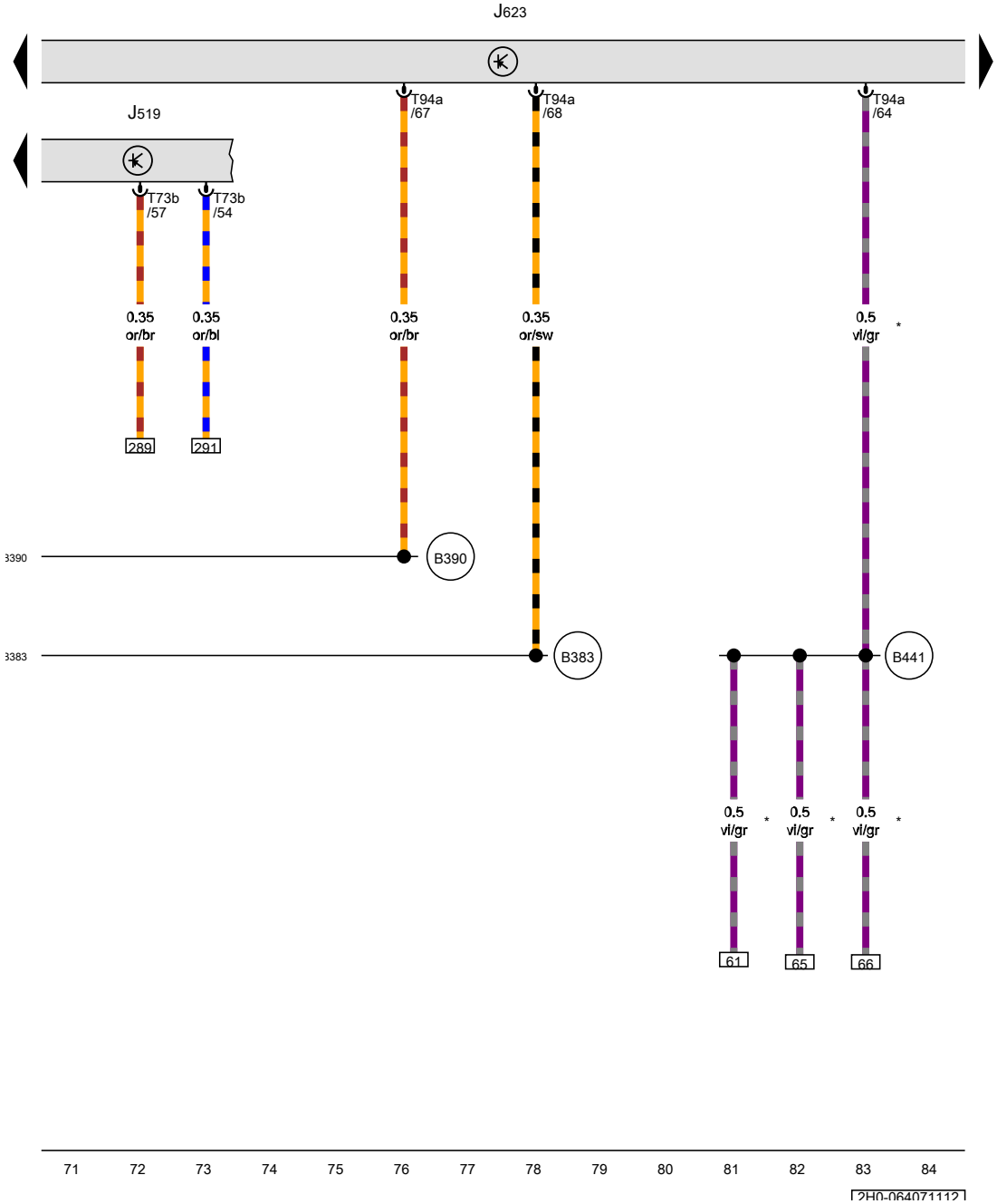

Onboard supply control unit, Engine control unit

J519	Onboard supply control unit
J623	Engine control unit
T73b	73-pin connector
T94a	94-pin connector, black
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B441	Connection (CCS), in main wiring harness
*	Only models with cruise control system (CCS)

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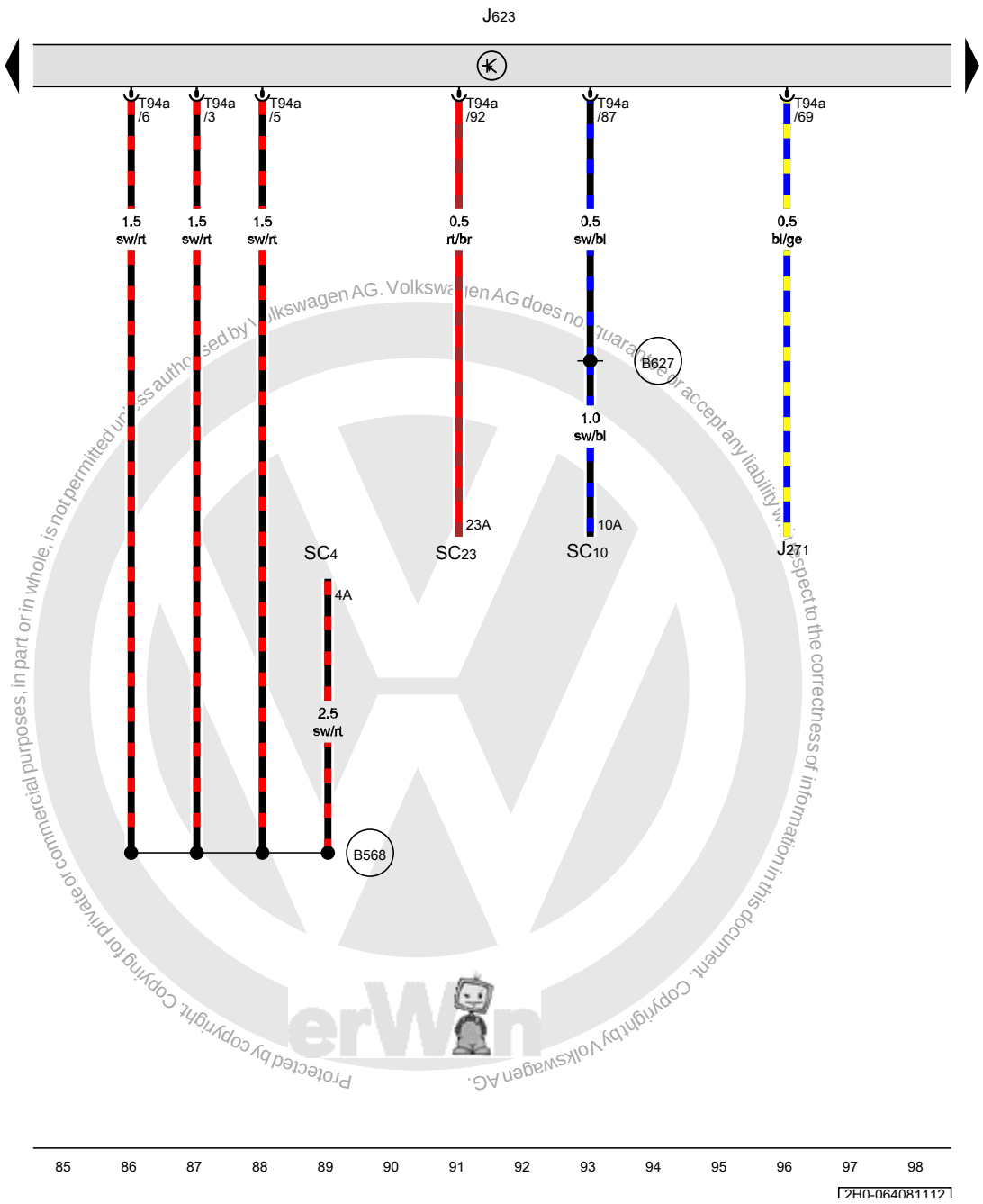

Main relay, Engine control unit, Fuse 4 on fuse holder C, Fuse 10 on fuse holder C, Fuse 23 on fuse holder C

J271	Main relay, on relay carrier
J623	Engine control unit
SC4	Fuse 4 on fuse holder C
SC10	Fuse 10 on fuse holder C
SC23	Fuse 23 on fuse holder C
T94a	94-pin connector, black
B568	Connection 35, in main wiring harness
B627	Positive connection 3 (15), in main wiring harness

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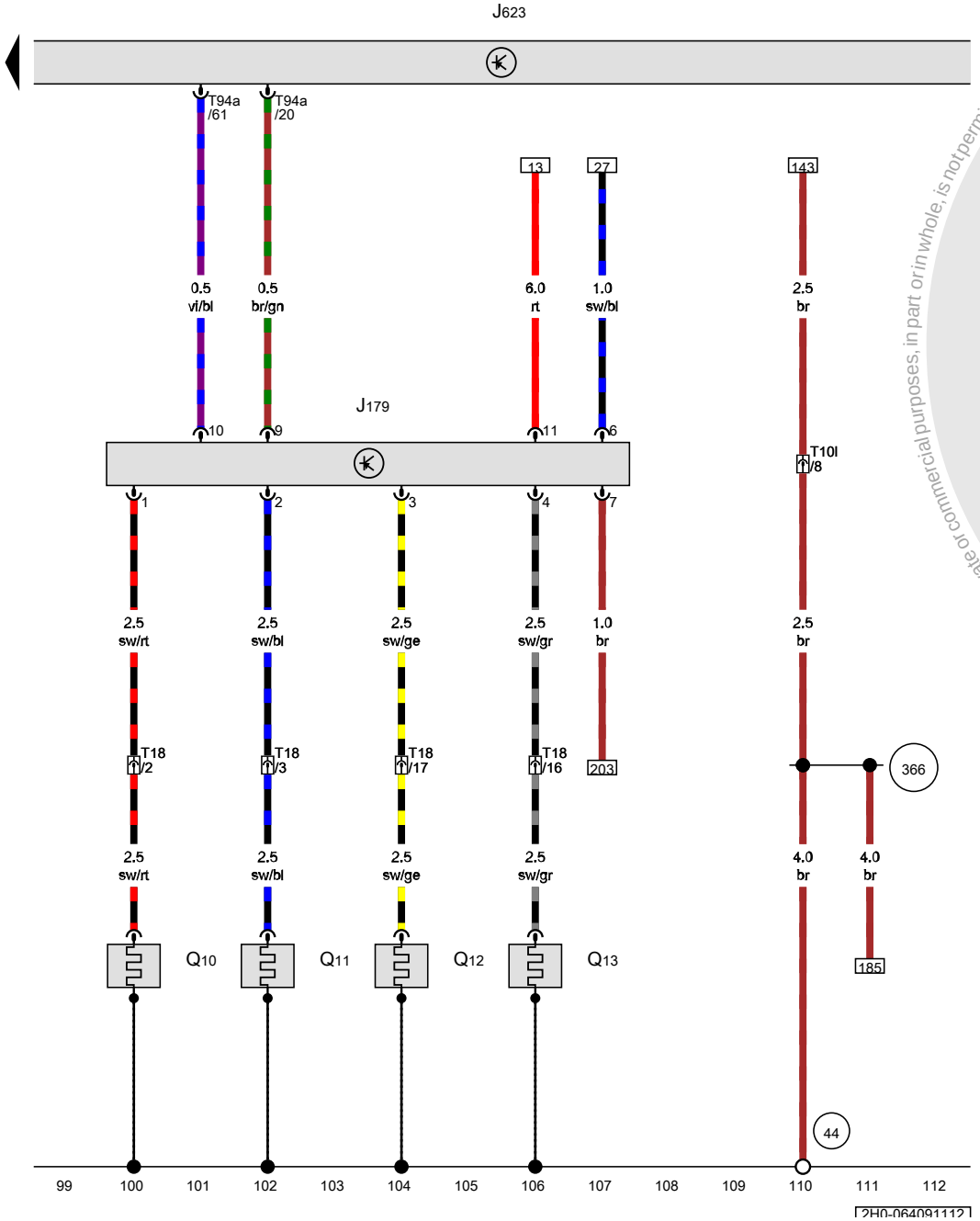
Automatic glow period control unit, Engine control unit, Glow plug 1, Glow plug 2, Glow plug 3, Glow plug 4



J179	Automatic glow period control unit
J623	Engine control unit
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
T10l	10-pin connector, on left under dash panel, blue
T18	18-pin connector, near engine control unit, grey
T94a	94-pin connector, black
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness

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sw	=	black
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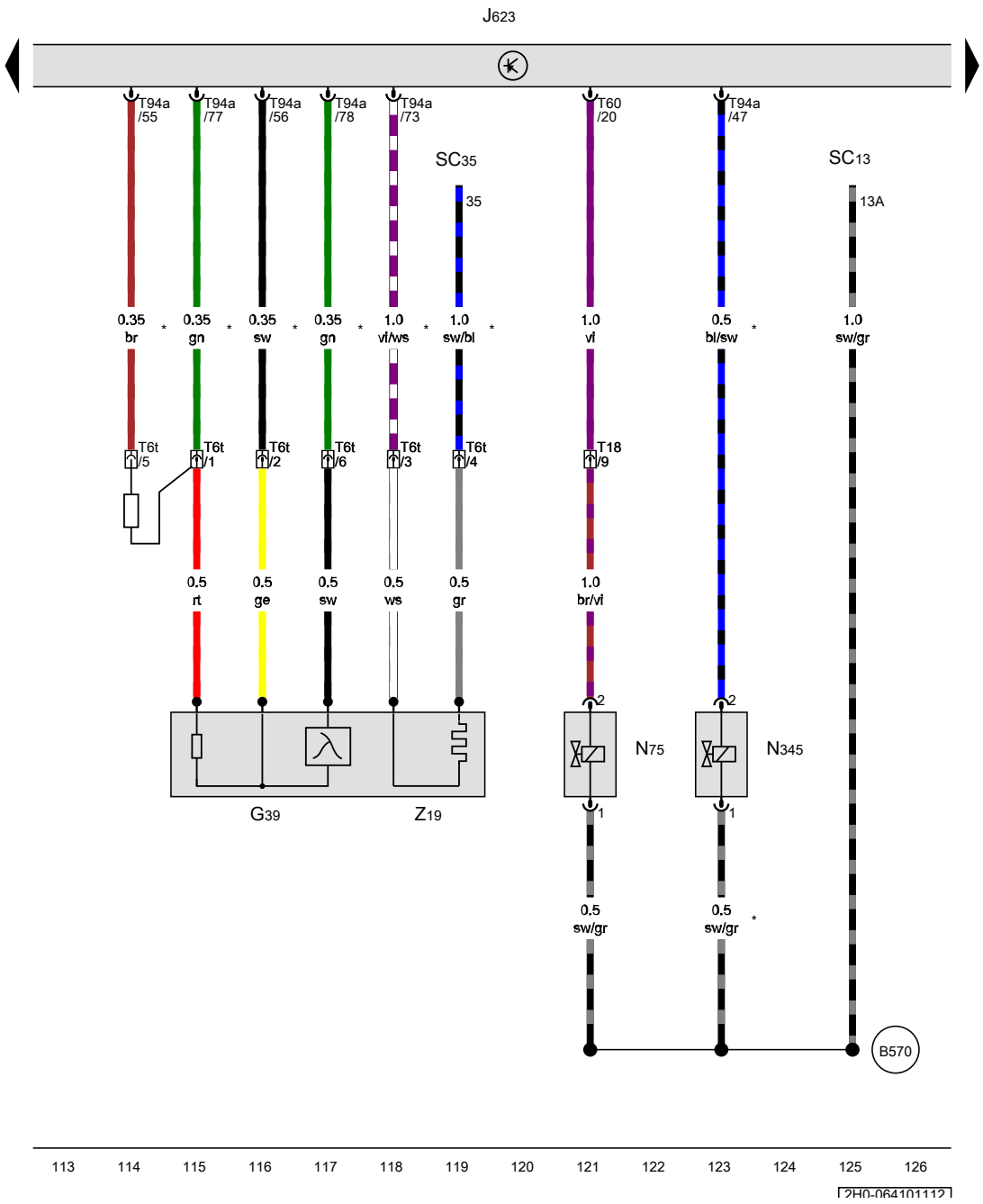

Lambda probe, Engine control unit, Charge pressure control solenoid valve, Exhaust gas recirculation cooler changeover valve, Fuse 13 on fuse holder C, Fuse 35 on fuse holder C

G39	Lambda probe
J623	Engine control unit
N75	Charge pressure control solenoid valve
N345	Exhaust gas recirculation cooler changeover valve
SC13	Fuse 13 on fuse holder C
SC35	Fuse 35 on fuse holder C
T6t	6-pin connector, front right in engine compartment, black
T18	18-pin connector, near engine control unit, grey
T60	60-pin connector, black
T94a	94-pin connector, black
Z19	Lambda probe heater
B570	Connection 37, in main wiring harness
*	Only models with Euro 5 emission standard

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sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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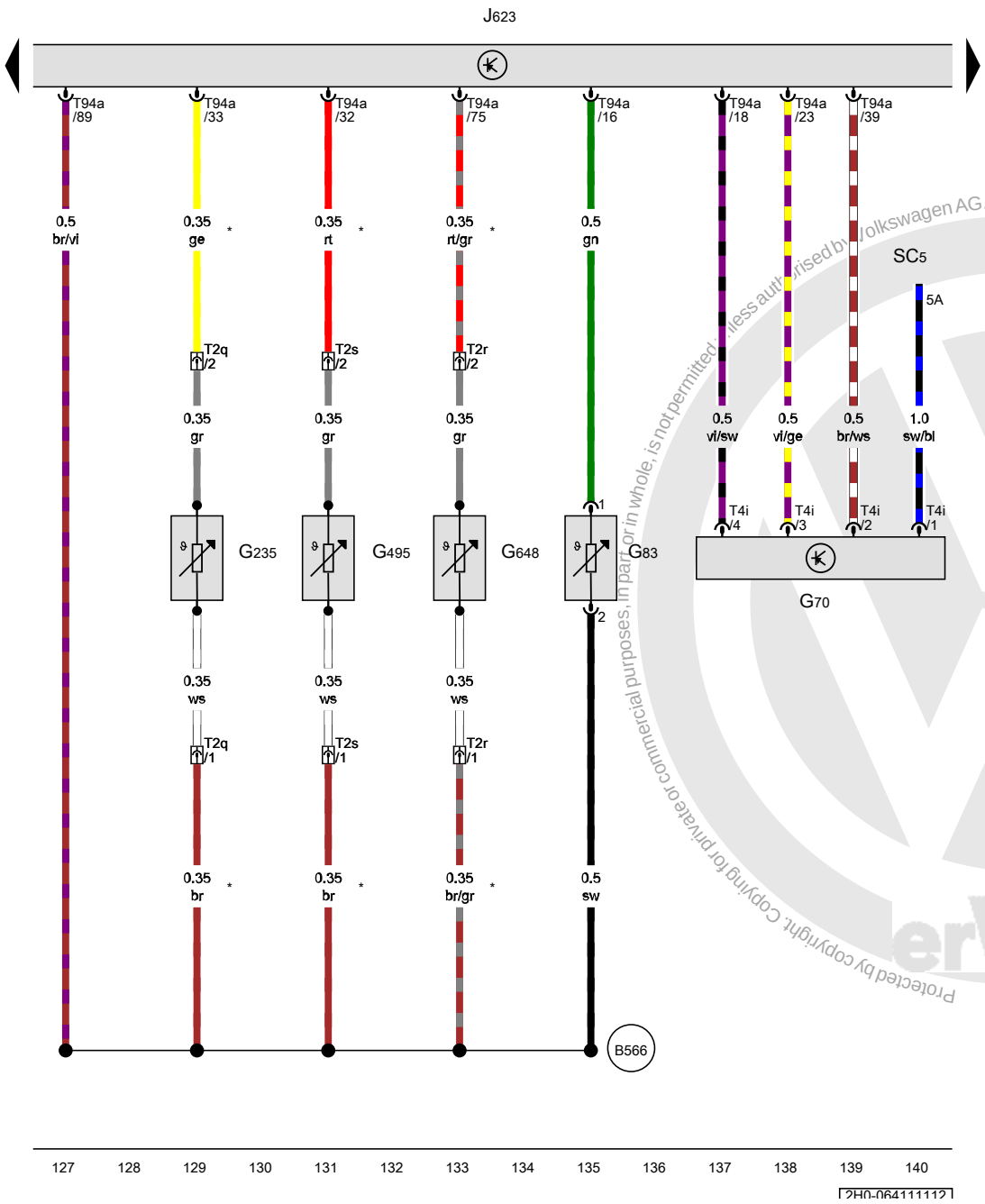

Air mass meter, Radiator outlet coolant temperature sender, Exhaust gas temperature sender 1, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Engine control unit, Fuse 5 on fuse holder C

G70	Air mass meter
G83	Radiator outlet coolant temperature sender
G235	Exhaust gas temperature sender 1
G495	Exhaust gas temperature sender 3
G648	Exhaust gas temperature sender 4
J623	Engine control unit
SC5	Fuse 5 on fuse holder C
T2q	2-pin connector, black
T2r	2-pin connector, orange
T2s	2-pin connector, brown
T4i	4-pin connector, black
T94a	94-pin connector, black
B566	Connection 33, in main wiring harness
*	Only models with Euro 5 emission standard

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sw	=	black
ro	=	red
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gn	=	green
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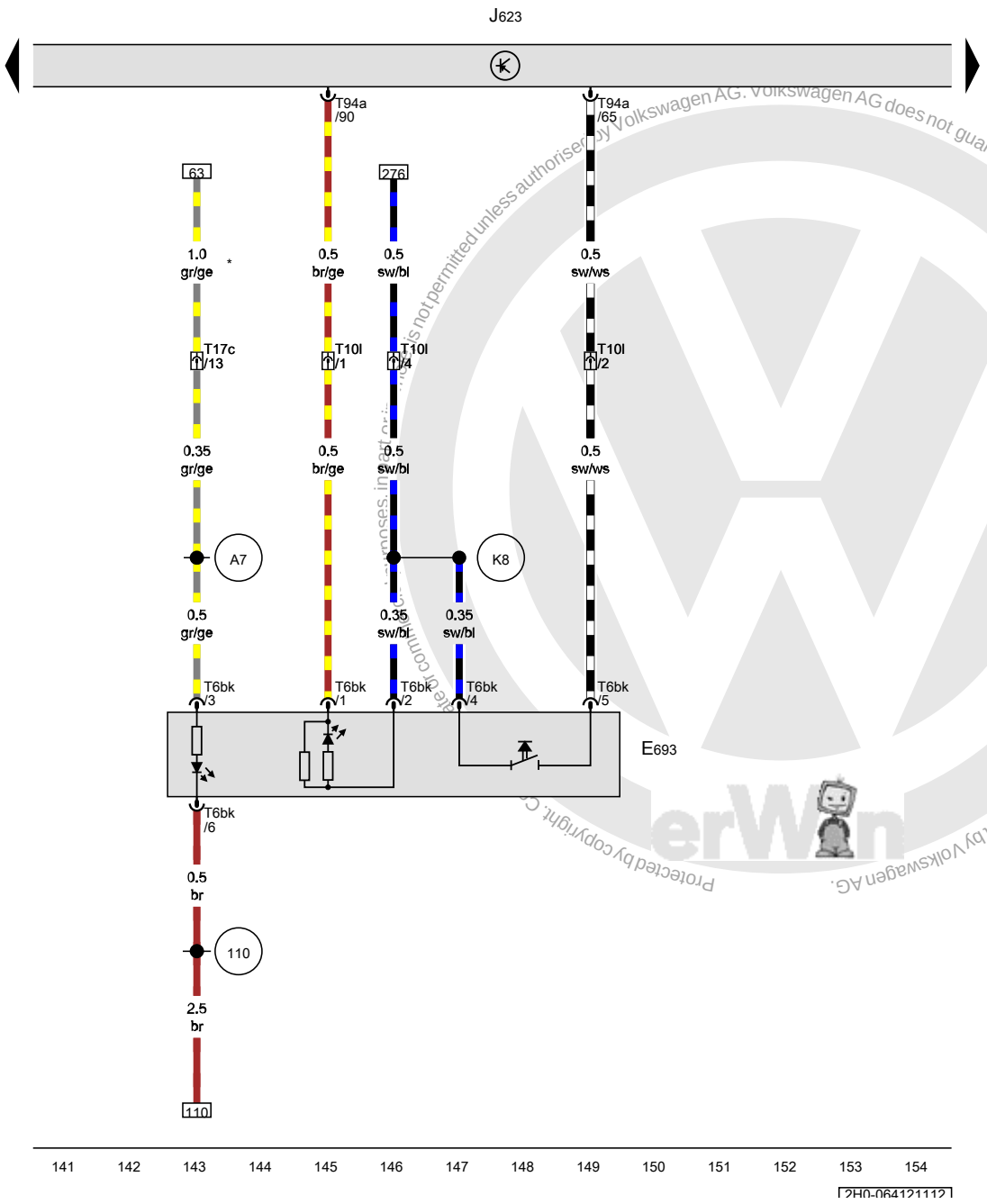

Start/Stop operation button, Engine control unit

E693	Start/Stop operation button
J623	Engine control unit
T6bk	6-pin connector, green
T10l	10-pin connector, on relay carrier, blue
T17c	17-pin connector, on relay carrier, black
T94a	94-pin connector, black
110	Earth connection 2, in dash panel wiring harness
A7	Positive connection (58 D1), in dash panel wiring harness
K8	Connection 1, in centre console wiring harness
*	Only models with no headlight range control, see respective Current Flow Diagram headlight

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sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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or	=	orange
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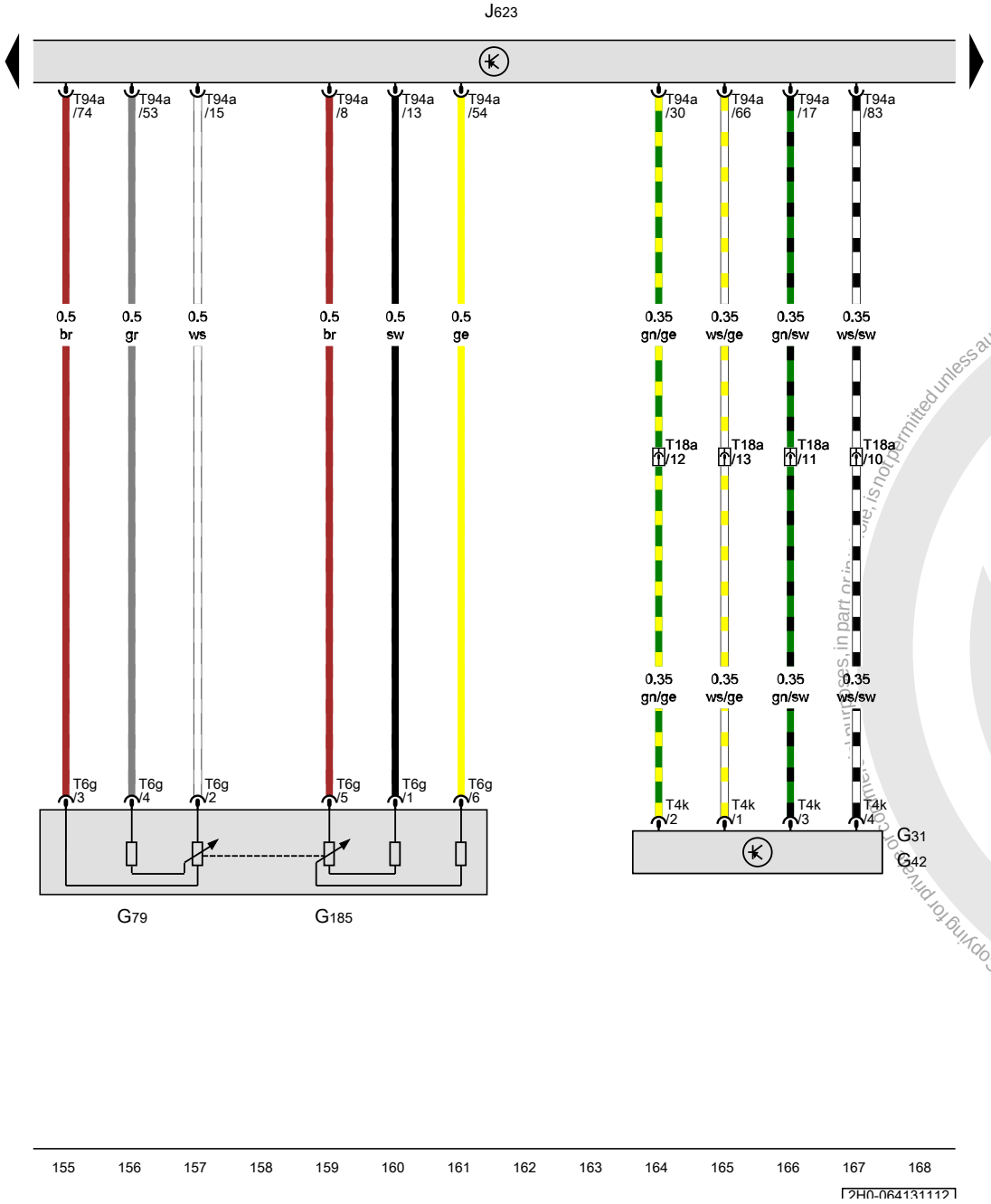
Charge pressure sender, Intake air temperature sender, Accelerator position sender, Accelerator position sender 2, Engine control unit

G31	Charge pressure sender
G42	Intake air temperature sender
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
T4k	4-pin connector, black
T6g	6-pin connector, black
T18a	18-pin connector, near engine control unit, grey
T94a	94-pin connector, black



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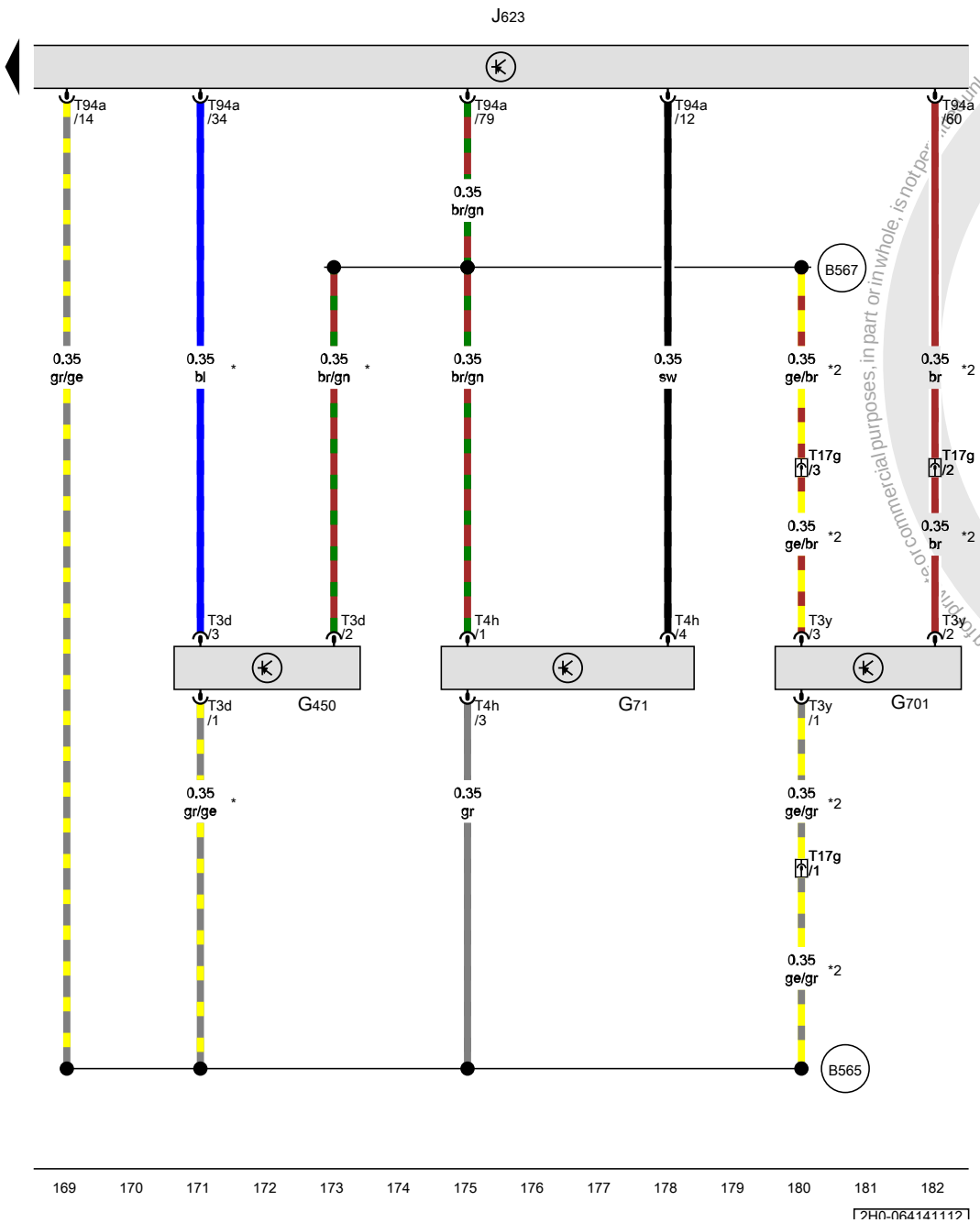

Intake manifold pressure sender, Exhaust gas pressure sensor 1, Engine control unit

G71	Intake manifold pressure sender
G450	Exhaust gas pressure sensor 1
G701	Gearbox neutral position sender
J623	Engine control unit
T3d	3-pin connector, black
T3y	3-pin connector
T4h	4-pin connector, black
T17g	17-pin connector, near handbrake lever, black
T94a	94-pin connector, black
B565	Connection 32, in main wiring harness
B567	Connection 34, in main wiring harness
*	Only models with Euro 5 emission standard
*2	Only models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
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gr	=	grey
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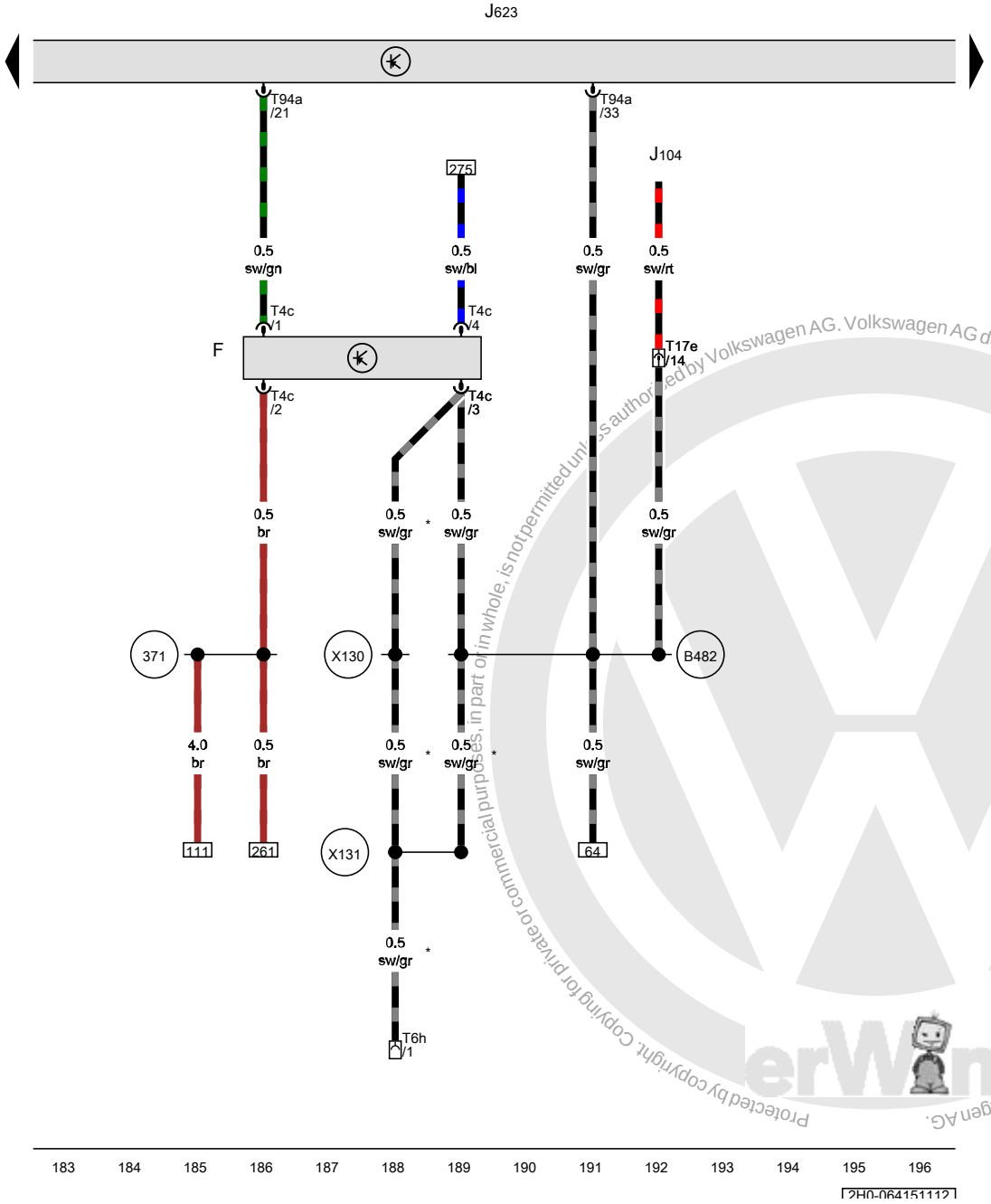

Brake light switch, Engine control unit

F	Brake light switch
J104	ABS control unit
J623	Engine control unit
T4c	4-pin connector, black
T6h	6-pin connector, in left footwell, near centre console, grey
T17e	17-pin connector, near handbrake lever, red
T94a	94-pin connector, black
371	Earth connection 6, in main wiring harness
B482	Connection 18, in main wiring harness
X130	Connection 3, in optional equipment wiring harness
X131	Connection 4, in optional equipment wiring harness
*	Only models with electric interface for external use

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sw	=	black
ro	=	red
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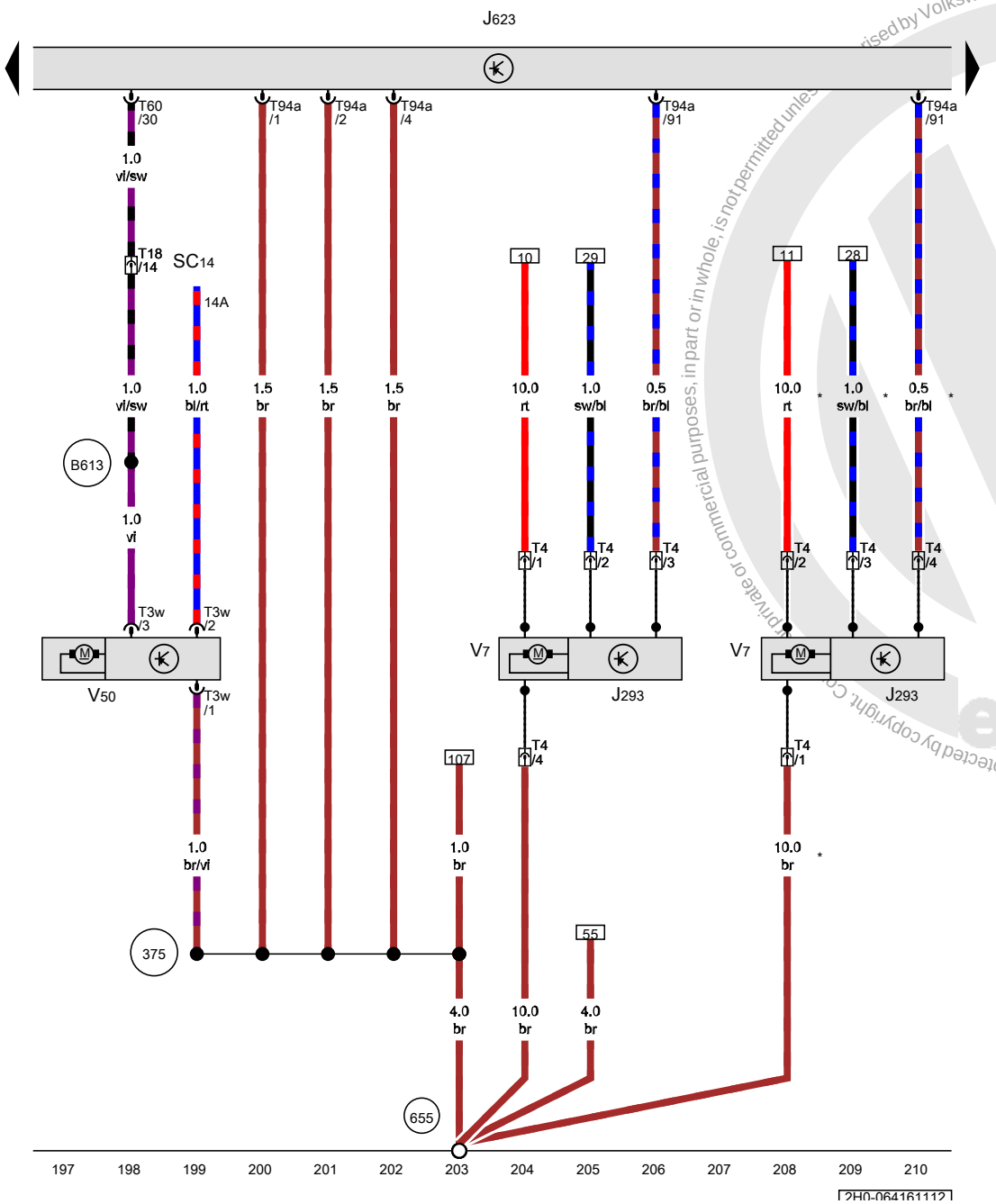

Radiator fan control unit, Engine control unit, Fuse 14 on fuse holder C, Radiator fan, Coolant circulation pump

J293	Radiator fan control unit
J623	Engine control unit
SC14	Fuse 14 on fuse holder C
T3w	3-pin connector, black
T4	4-pin connector, on radiator cowling, black
T18	18-pin connector, near engine control unit, grey
T60	60-pin connector, black
T94a	94-pin connector, black
V7	Radiator fan
V50	Coolant circulation pump
(375)	Earth connection 10, in main wiring harness
(655)	Earth point, on left headlight
(B613)	Connection 41, in main wiring harness
*	Hot country version

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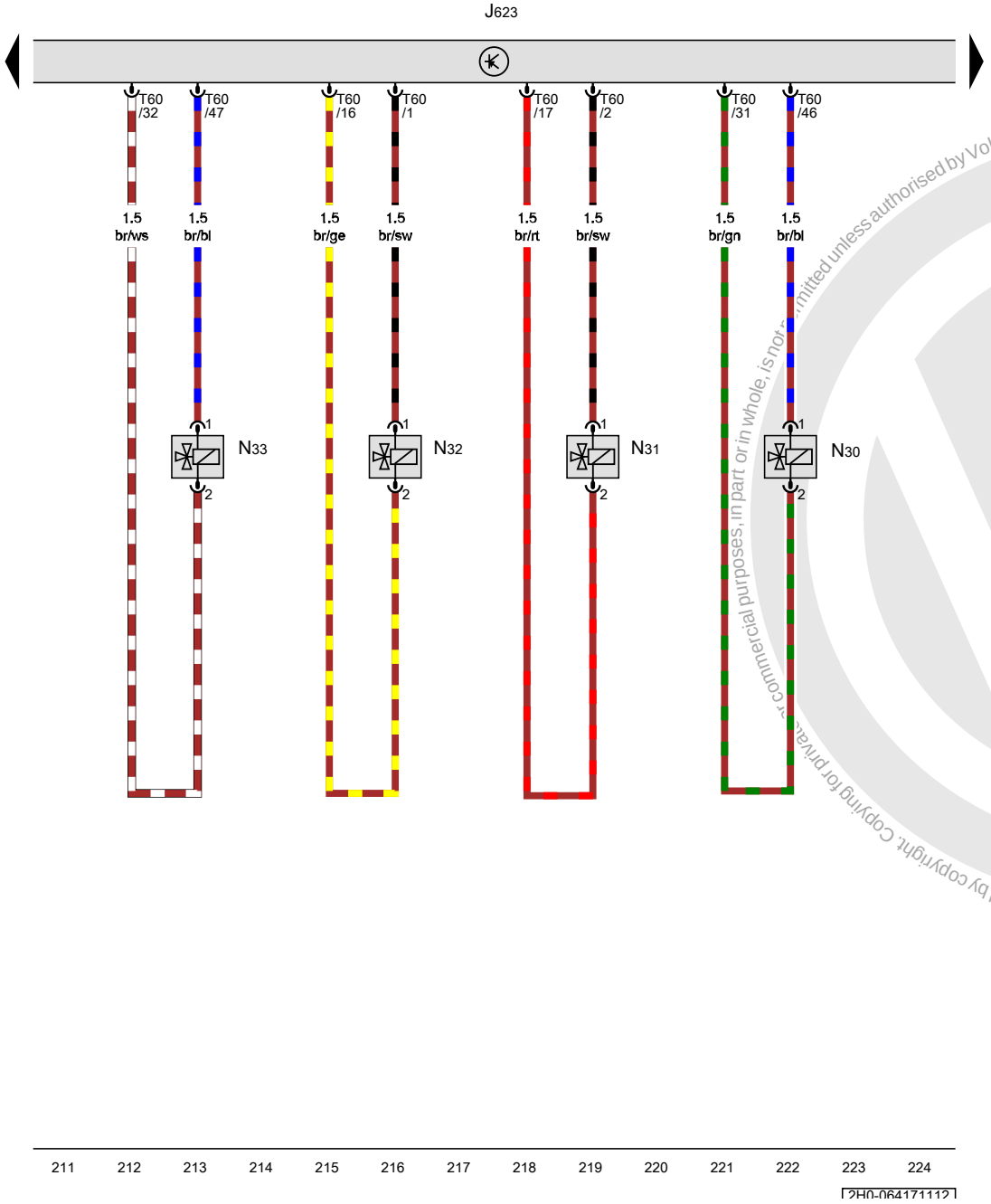
Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T60	60-pin connector, black



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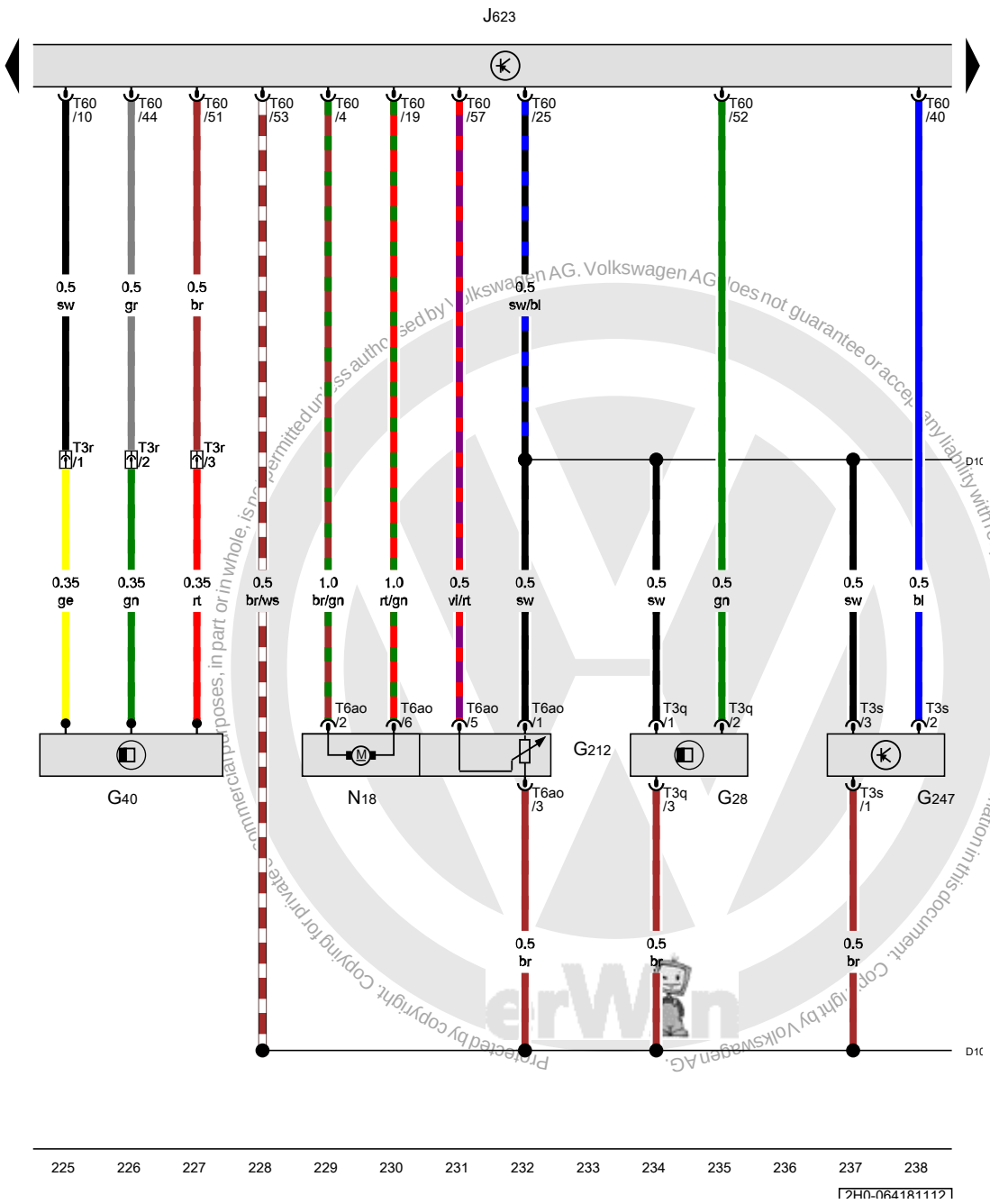

Hall sender, Exhaust gas recirculation potentiometer, Fuel pressure sender, Engine control unit, Exhaust gas recirculation valve

G28	Engine speed sender
G40	Hall sender
G212	Exhaust gas recirculation potentiometer
G247	Fuel pressure sender
J623	Engine control unit
N18	Exhaust gas recirculation valve
T3q	3-pin connector, black
T3r	3-pin connector, on front of engine, black
T3s	3-pin connector, black
T6ao	6-pin connector, grey
T60	60-pin connector, black
D101	Connection 1 in engine compartment wiring harness
D103	Connection 3 in engine compartment wiring harness

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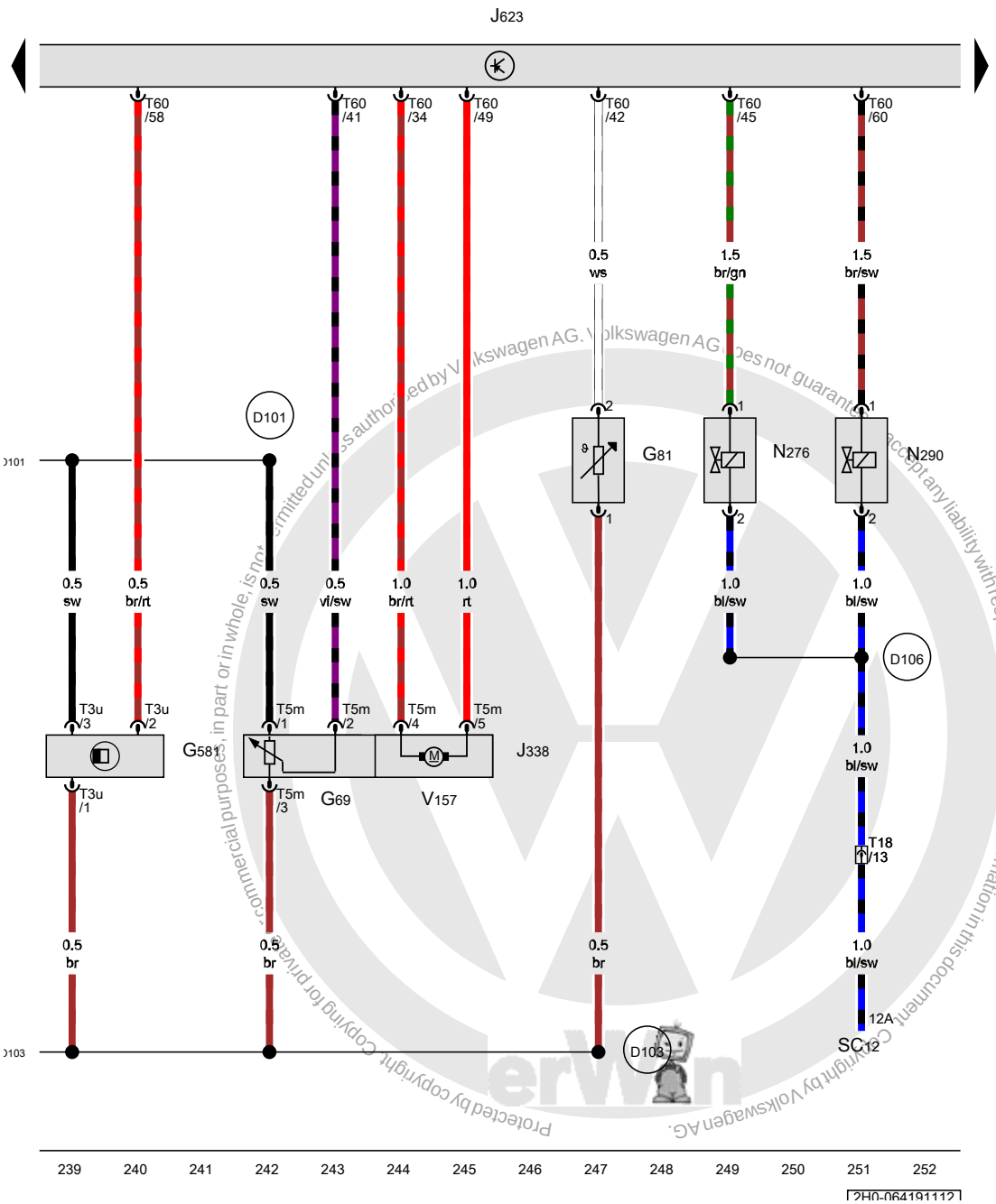

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Throttle valve potentiometer, Fuel temperature sender, Position sender for charge pressure positioner, Throttle valve module, Engine control unit, Fuel pressure regulating valve, Fuel metering valve, Fuse 12 on fuse holder C, Intake manifold flap motor

G69	Throttle valve potentiometer
G81	Fuel temperature sender
G581	Position sender for charge pressure positioner
J338	Throttle valve module, black
J623	Engine control unit
N276	Fuel pressure regulating valve
N290	Fuel metering valve
SC12	Fuse 12 on fuse holder C
T3u	3-pin connector, black
T5m	5-pin connector, black
T18	18-pin connector, near engine control unit, grey
T60	60-pin connector, black
V157	Intake manifold flap motor
D101	Connection 1 in engine compartment wiring harness
D103	Connection 3 in engine compartment wiring harness
D106	Connection 4 in engine compartment wiring harness

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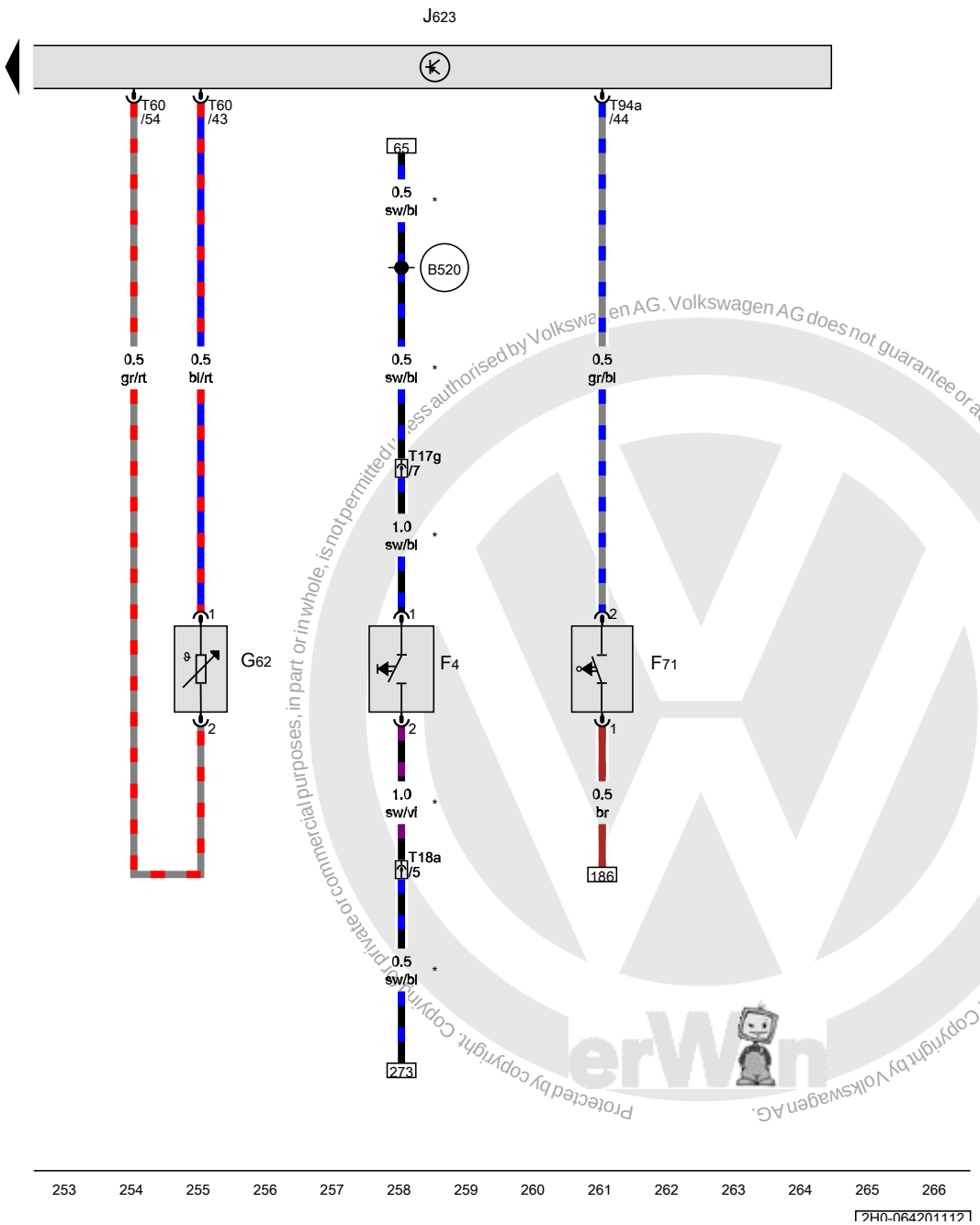

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Clutch pedal switch for stop/start system, Coolant temperature sender, Engine control unit

F4	Reversing light switch, on gearbox
F71	Clutch pedal switch for stop/start system
G62	Coolant temperature sender
J623	Engine control unit
T17g	17-pin connector, near handbrake lever, black
T18a	18-pin connector, grey
T60	60-pin connector, black
T94a	94-pin connector, black
B520	Connection (RL), in main wiring harness
*	Only models with manual gearbox

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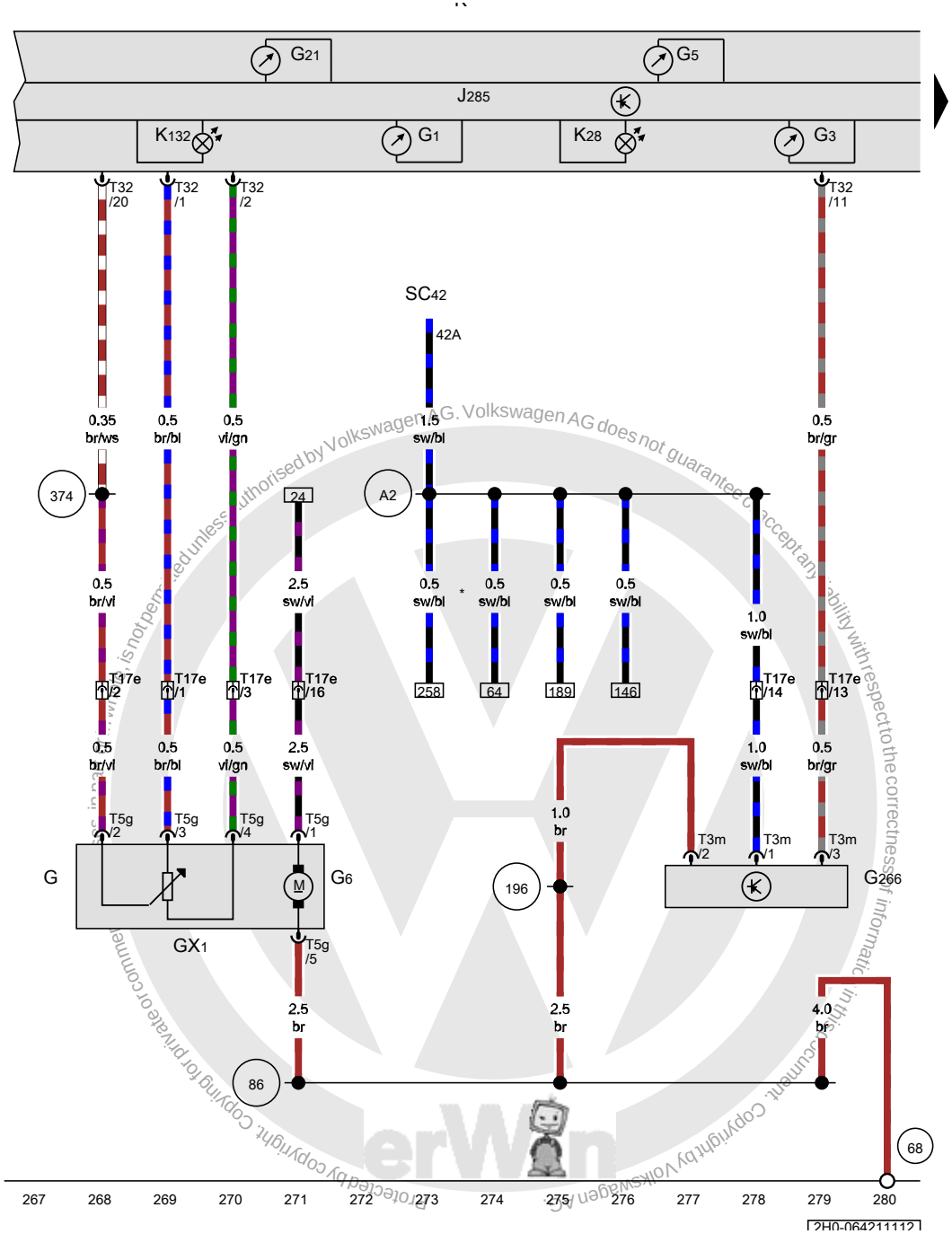

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Fuel system pressurisation pump, Oil level and oil temperature sender, Dash panel insert, Fuse 42 on fuse holder C

G	Fuel gauge sender
GX1	Fuel delivery unit
G1	Fuel gauge
G3	Coolant temperature gauge
G5	Rev. counter
G6	Fuel system pressurisation pump
G21	Speedometer
G266	Oil level and oil temperature sender
J285	Control unit in dash panel insert
K	Dash panel insert
K28	Coolant temperature and coolant shortage warning lamp
K132	Electronic power control fault lamp
SC42	Fuse 42 on fuse holder C
T3m	3-pin connector, black
T5g	5-pin connector, black
T17e	17-pin connector, near handbrake lever, red
T32	32-pin connector, blue
68	Earth point, on left of rear cross member
86	Earth connection 1, in rear wiring harness
196	Earth connection 3, in rear wiring harness
374	Earth connection 9, in main wiring harness
A2	Positive connection (15), in dash panel wiring harness
*	Only models with manual gearbox

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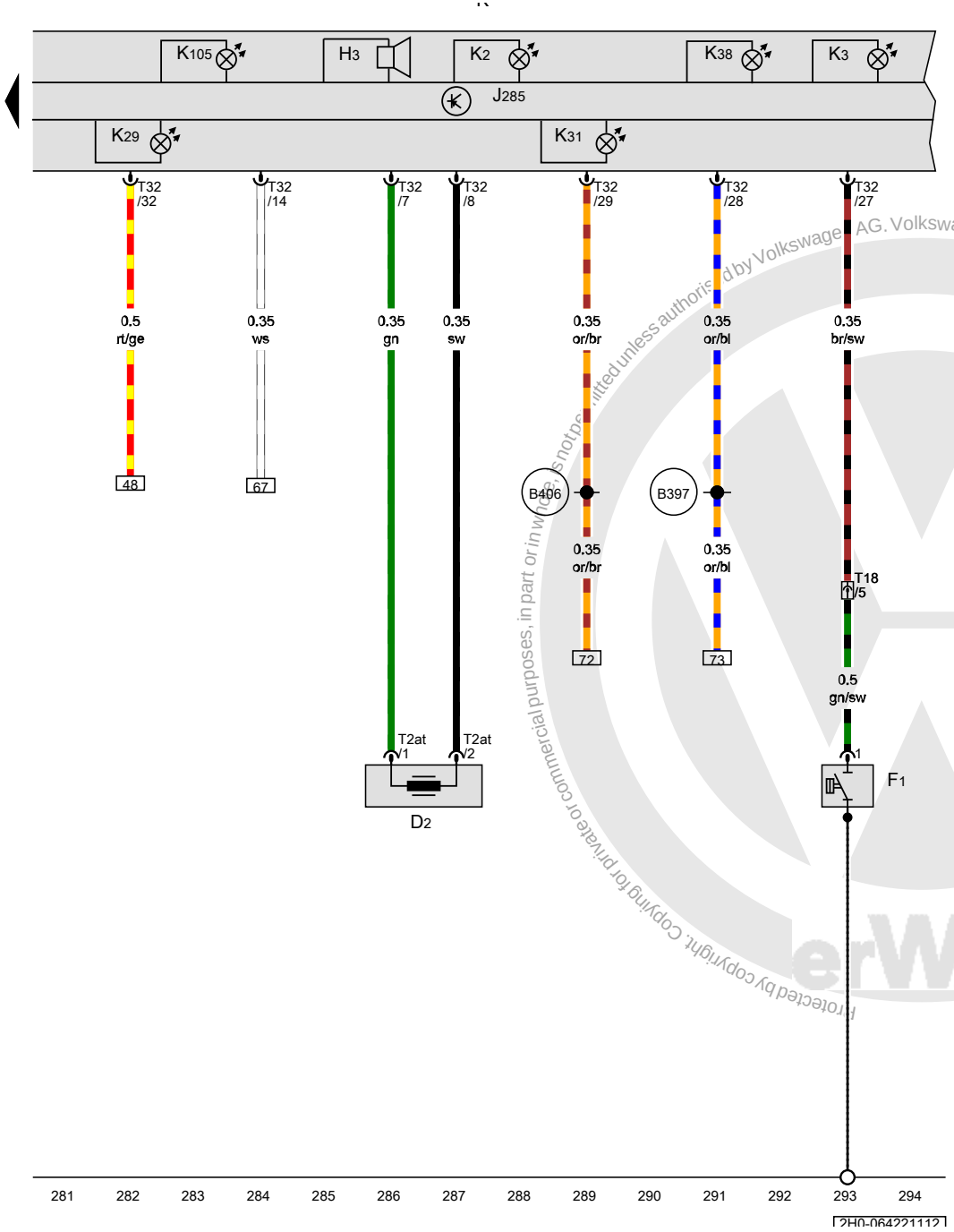

Oil pressure switch, Dash panel insert

D2	Immobiliser reader coil
F1	Oil pressure switch
H3	Buzzer and gong
J285	Control unit in dash panel insert
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K29	Glow period warning lamp
K31	Cruise control system warning lamp
K38	Oil level warning lamp
K105	Reserve fuel warning lamp
T2at	2-pin connector, orange
T18	18-pin connector, near engine control unit, grey
T32	32-pin connector, blue
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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2.0l diesel engine , CNEA,CSHA,CNFA,CNFB,(7L6)

From June 2012

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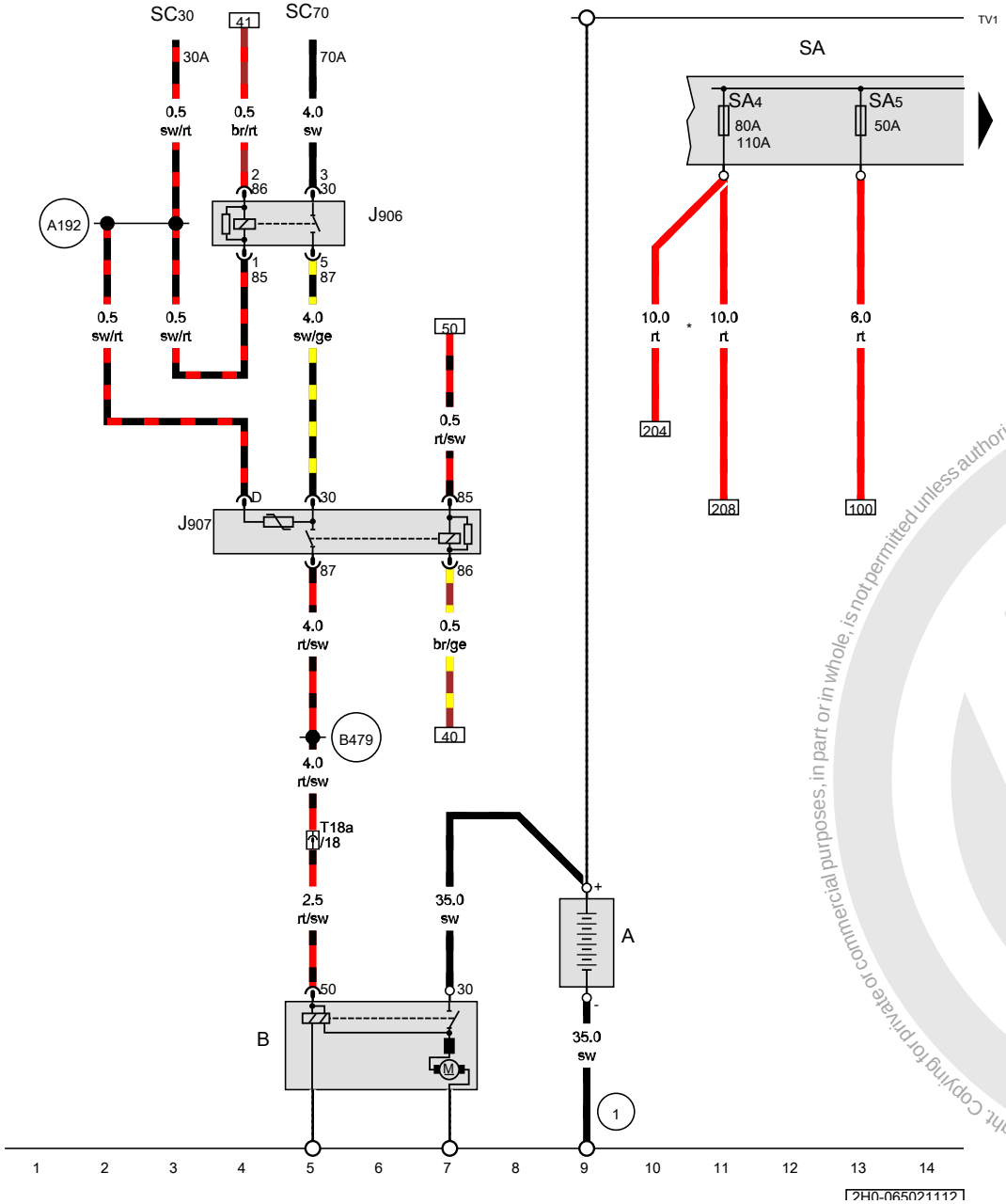
Battery, Starter, Starter relay 1, Starter relay 2, Fuse holder A, Fuse 5 in fuse holder A



A	Battery
B	Starter
J906	Starter relay 1
J907	Starter relay 2
SA	Fuse holder A
SA4	Fuse 4 in fuse holder A
SA5	Fuse 5 in fuse holder A
SC30	Fuse 30 on fuse holder C
SC70	Fuse 70 on fuse holder C
T18a	18-pin connector, near engine control unit, grey
(1)	Earth strap, battery - body
(A192)	Positive connection 3 (15a) in dash panel wiring harness
(B479)	Connection 15, in main wiring harness
*	Hot country version

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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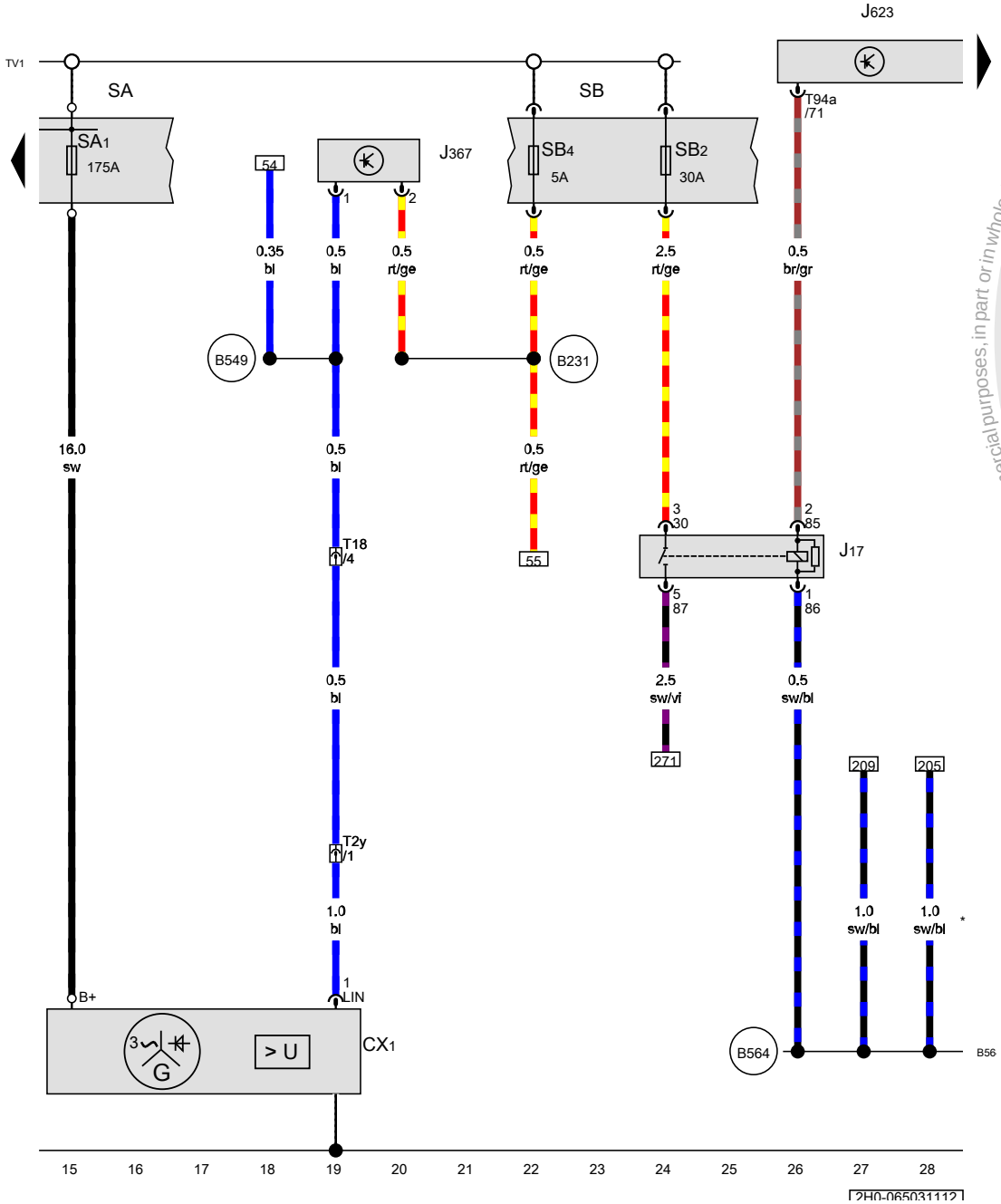

Alternator with voltage regulator, Fuel pump relay, Battery monitor control unit, Engine control unit, Fuse holder A, Fuse holder B

CX1	Alternator with voltage regulator
J17	Fuel pump relay
J367	Battery monitor control unit
J623	Engine control unit
SA	Fuse holder A
SA1	Fuse 1 in fuse holder A
SB	Fuse holder B
SB2	Fuse 2 on fuse holder B
SB4	Fuse 4 on fuse holder B
T2y	2-pin connector, front left in engine compartment, black
T18	18-pin connector, near engine control unit, black
T94a	94-pin connector, black
B231	Positive connection 5 (30a), in interior wiring harness
B549	Connection 2 (LIN bus) in main wiring harness
B564	Connection 31, in main wiring harness
*	Hot country version

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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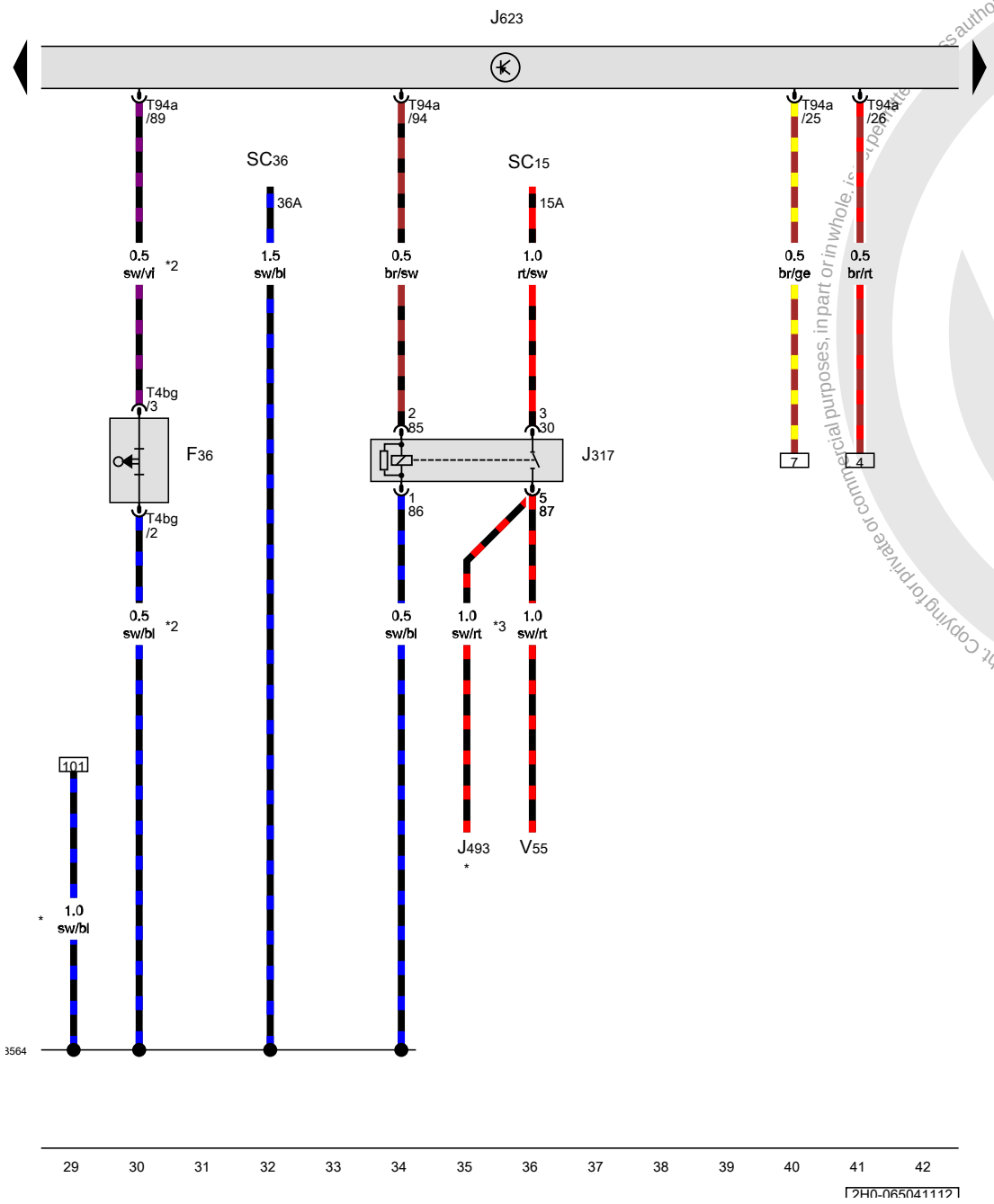

Terminal 30 voltage supply relay, Auxiliary coolant heater relay, Engine control unit, Fuse 15 on fuse holder C, Fuse 36 on fuse holder C

F36	Clutch pedal switch
J317	Terminal 30 voltage supply relay, on relay carrier
J493	Auxiliary coolant heater relay
J623	Engine control unit
SC15	Fuse 15 on fuse holder C
SC36	Fuse 36 on fuse holder C
T4bg	4-pin connector
T94a	94-pin connector, black
V55	Circulation pump
B564	Connection 31, in main wiring harness
*	see applicable current flow diagram for air conditioning
*2	Only models with manual gearbox
*3	Only models with Climatronic

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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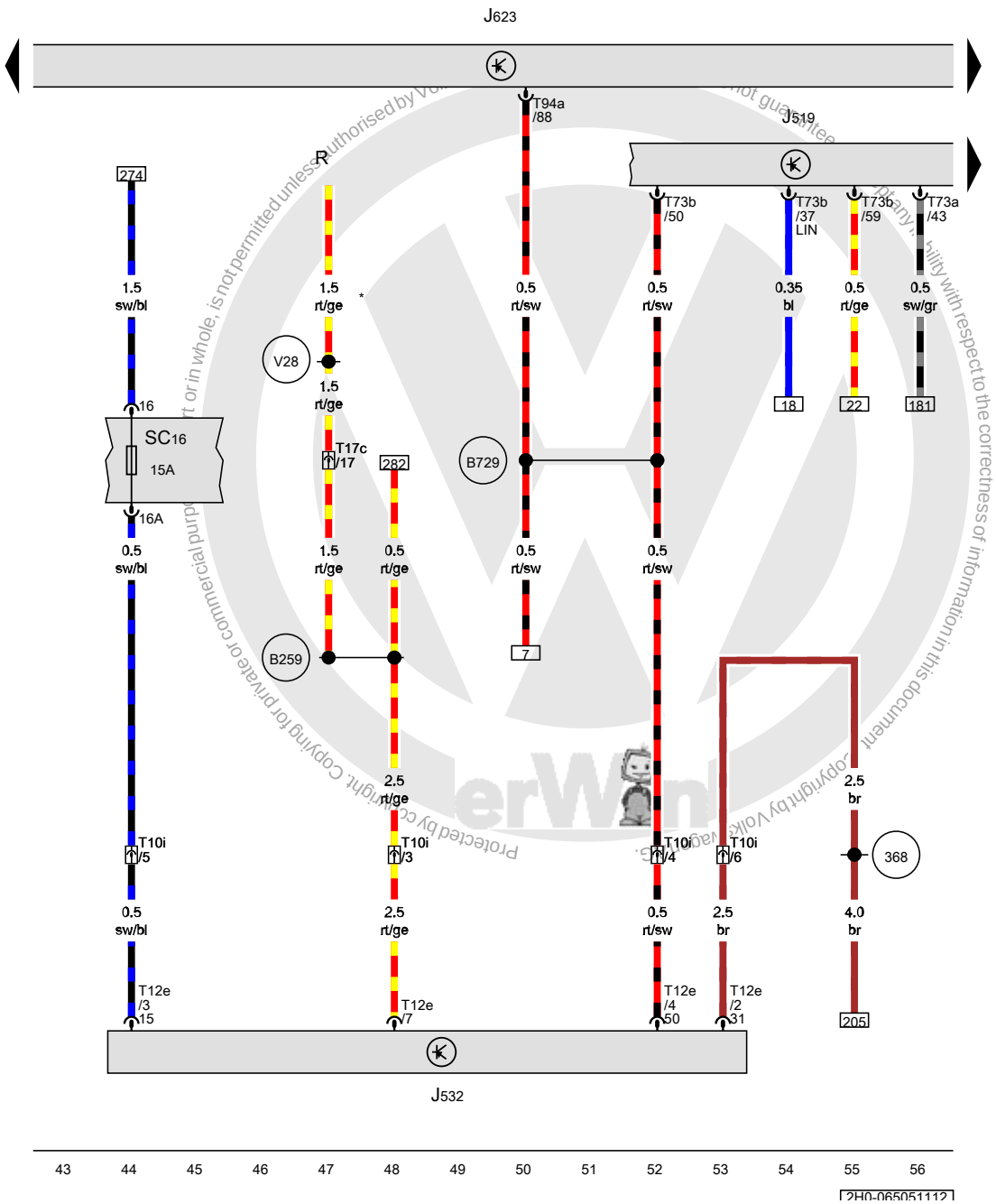

Onboard supply control unit, Voltage stabiliser, Engine control unit, Fuse 16 on fuse holder C

J519	Onboard supply control unit
J532	Voltage stabiliser, in front left wing
J623	Engine control unit
R	Radio
SC16	Fuse 16 on fuse holder C
T10i	10-pin connector, on left wheel housing, black
T12e	12-pin connector, black
T17c	17-pin connector, on left under dash panel, black
T73a	73-pin connector, black
T73b	73-pin connector, colourless
T94a	94-pin connector, black
368	Earth connection 3, in main wiring harness
B259	Connection (start/stop signal), in interior wiring harness
B729	Connection 1 (50), in main wiring harness
V28	Connection 1, in radio wiring harness
*	see applicable current flow diagram

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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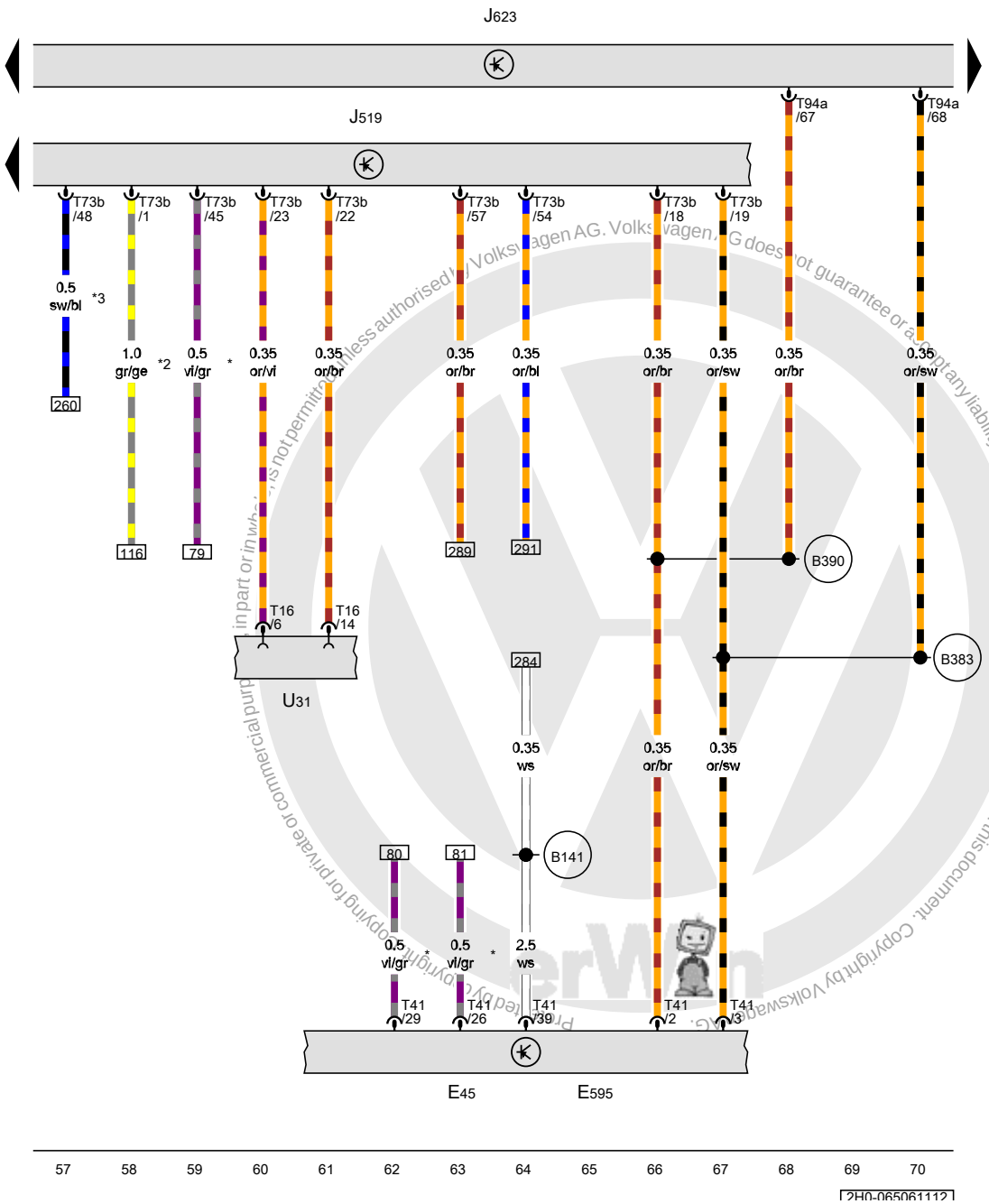

Cruise control system switch, Steering column combination switch, Onboard supply control unit, Engine control unit

E45	Cruise control system switch
E595	Steering column combination switch
J519	Onboard supply control unit
J623	Engine control unit
T16	16-pin connector, black
T41	41-pin connector, grey
T73b	73-pin connector, colourless
T94a	94-pin connector, black
U31	Diagnostic connection
B141	Positive connection 1 (56a), in interior wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	Only models with cruise control system (CCS)
*2	Only models with no headlight range control, see respective Current Flow Diagram headlight
*3	Only models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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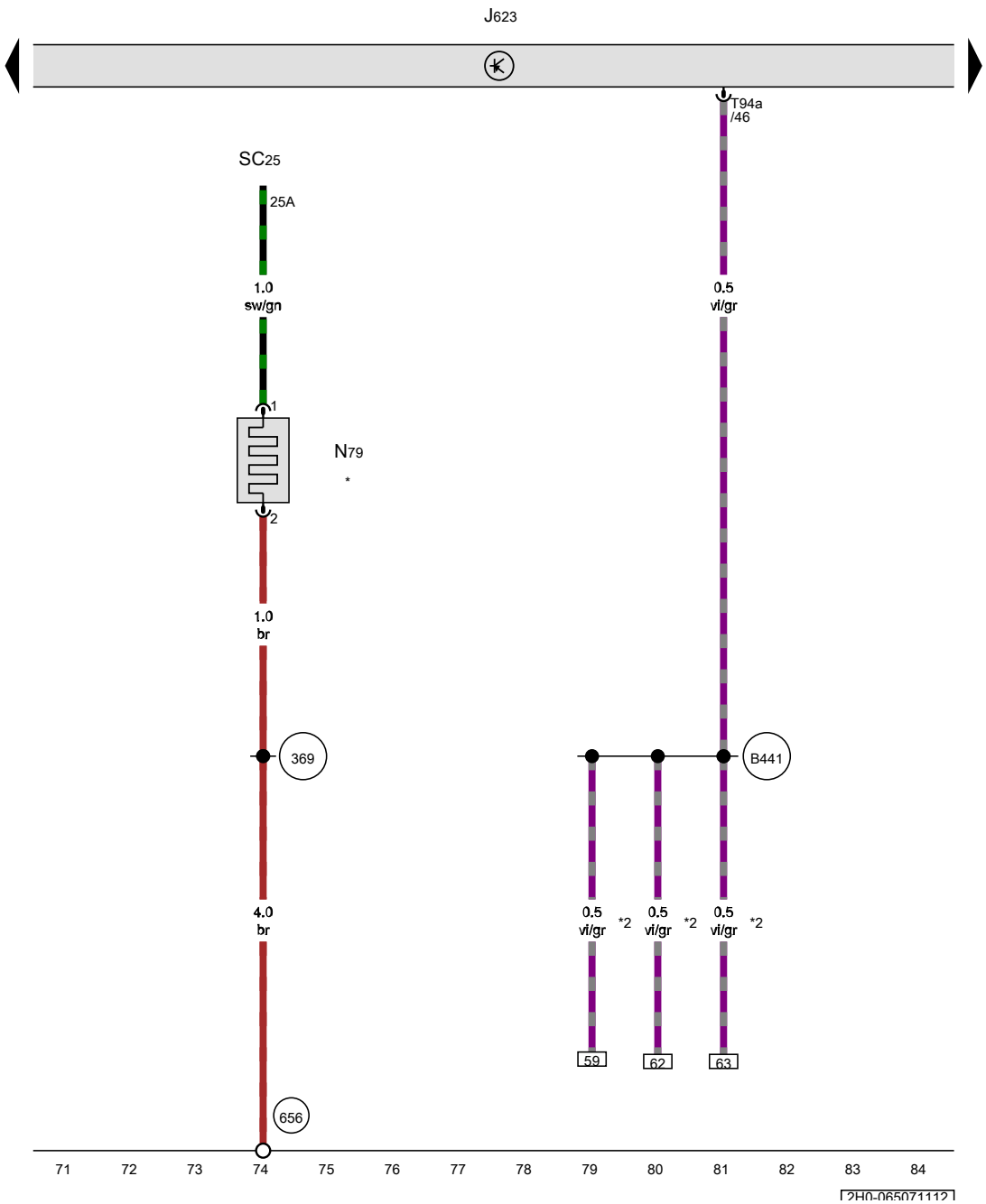
Engine control unit, Heater element for crankcase breather, Fuse 25 on fuse holder C

J623	Engine control unit
N79	Heater element for crankcase breather
SC25	Fuse 25 on fuse holder C
T94a	94-pin connector, black
369	Earth connection 4, in main wiring harness
656	Earth point, on right headlight
B441	Connection (CCS), in main wiring harness
*	Only models with crankcase breather heater element
*2	Only models with cruise control system (CCS)



ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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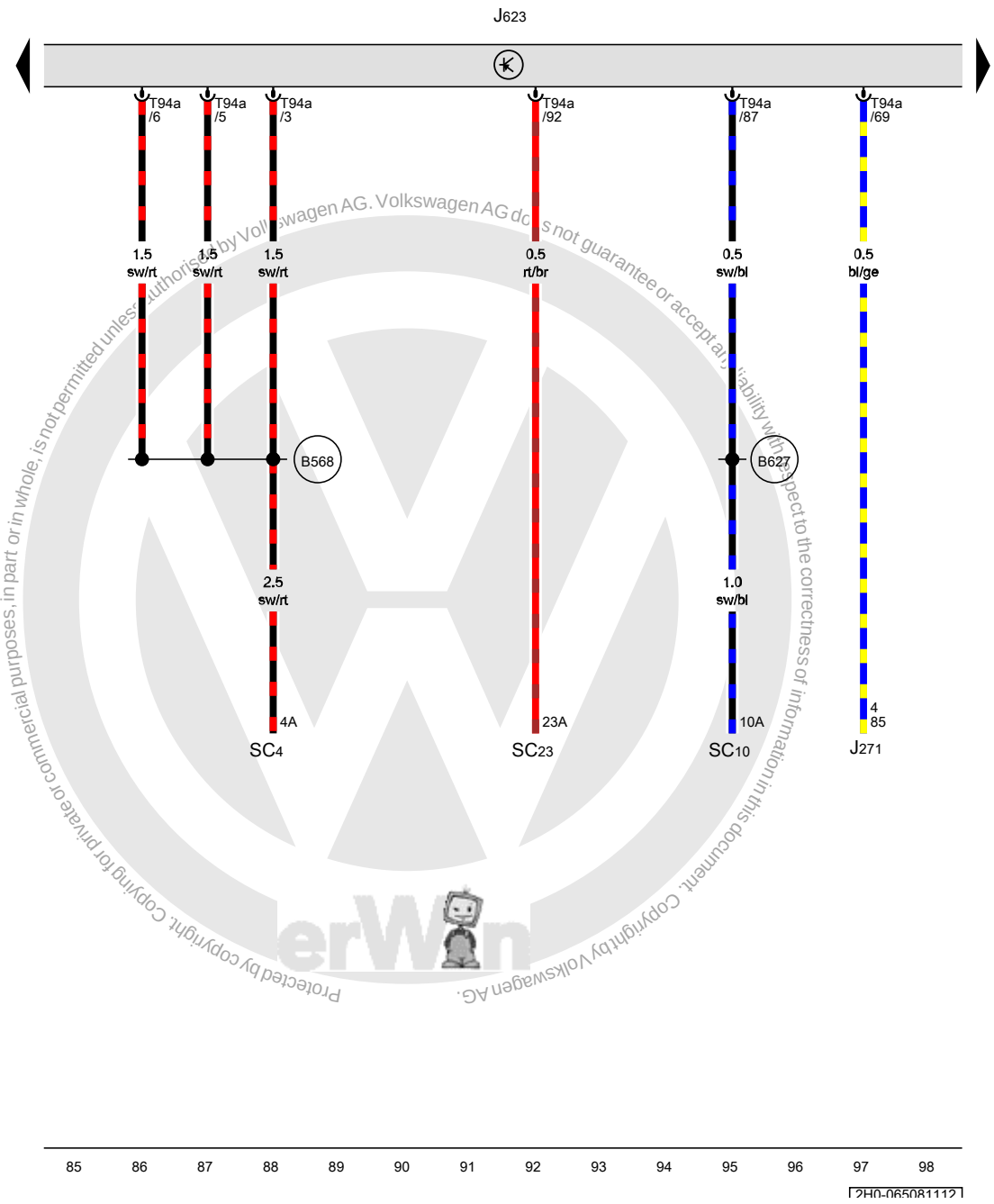

Main relay, Engine control unit, Fuse 4 on fuse holder C, Fuse 10 on fuse holder C, Fuse 23 on fuse holder C

J271	Main relay, on relay carrier
J623	Engine control unit
SC4	Fuse 4 on fuse holder C
SC10	Fuse 10 on fuse holder C
SC23	Fuse 23 on fuse holder C
T94a	94-pin connector, black
B568	Connection 35, in main wiring harness
B627	Positive connection 3 (15), in main wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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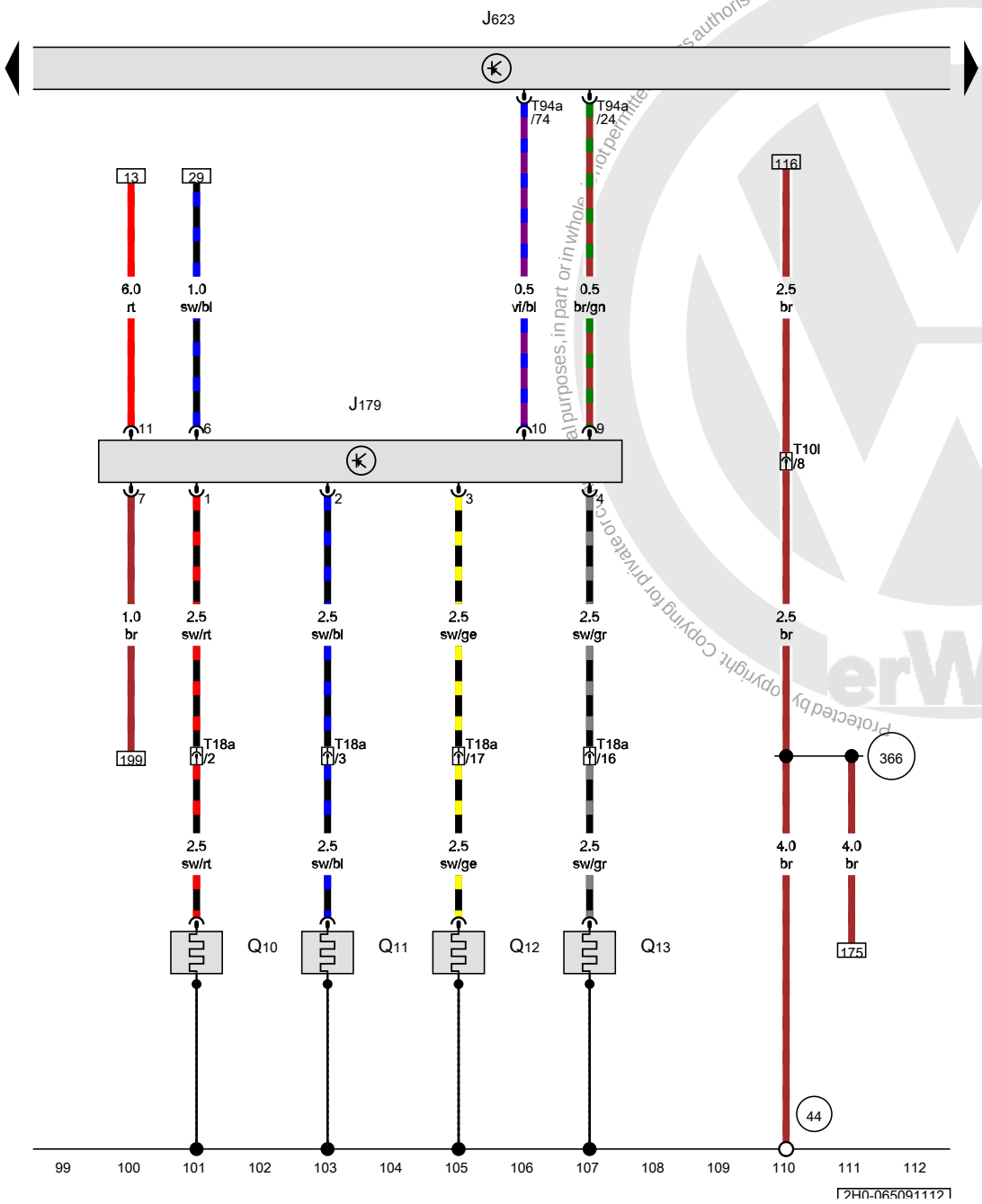

Automatic glow period control unit, Engine control unit, Glow plug 1, Glow plug 2, Glow plug 3, Glow plug 4

J179	Automatic glow period control unit
J623	Engine control unit
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
T10l	10-pin connector, on left under dash panel, blue
T18a	18-pin connector, near engine control unit, black
T94a	94-pin connector, black
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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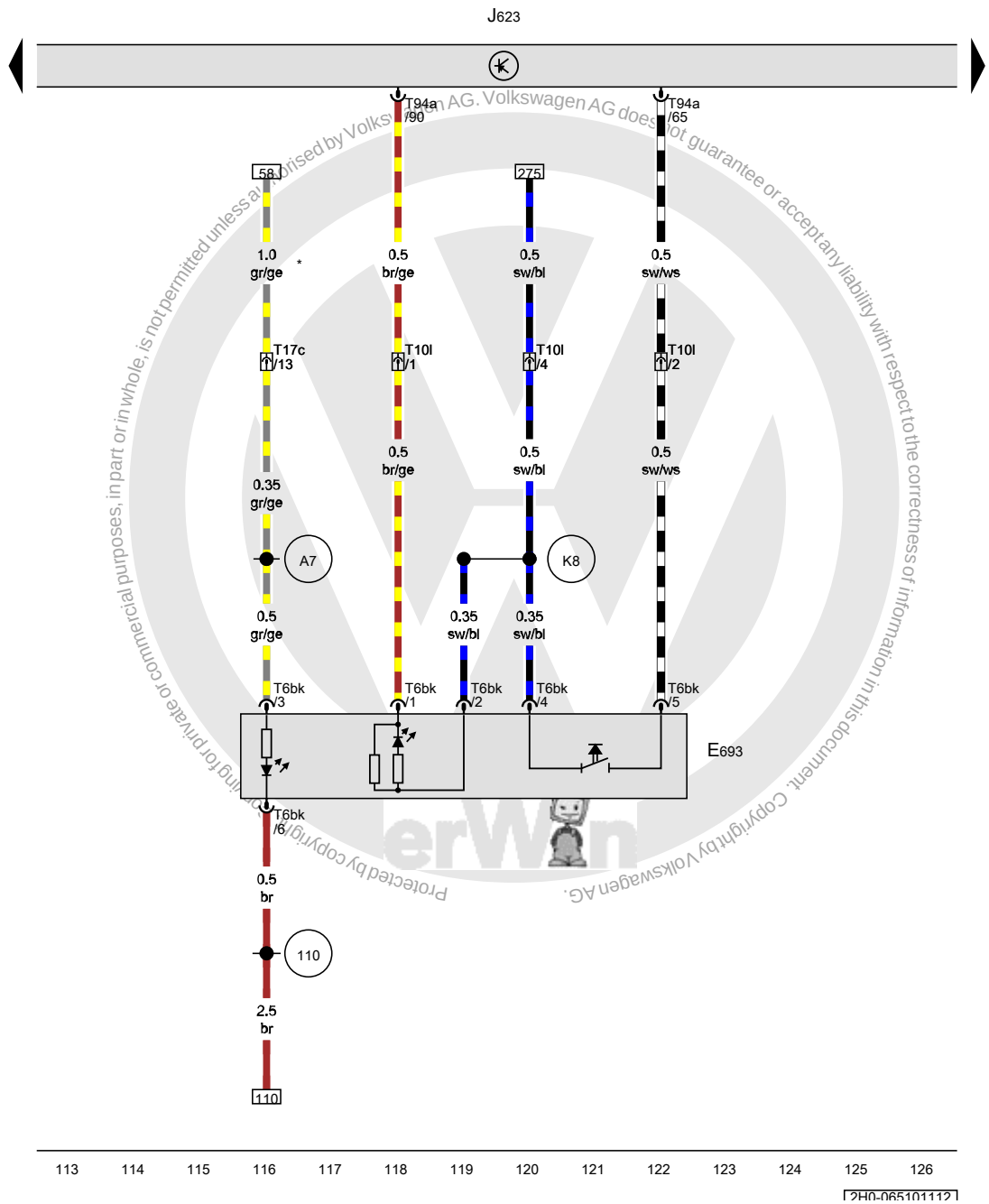

Start/Stop operation button, Engine control unit

E693	Start/Stop operation button
J623	Engine control unit
T6bk	6-pin connector
T10l	10-pin connector, on left under dash panel, blue
T17c	17-pin connector, on relay carrier, black
T94a	94-pin connector, black
110	Earth connection 2, in dash panel wiring harness
A7	Positive connection (58 D1), in dash panel wiring harness
K8	Connection 1, in centre console wiring harness
*	Only models with no headlight range control, see respective Current Flow Diagram headlight

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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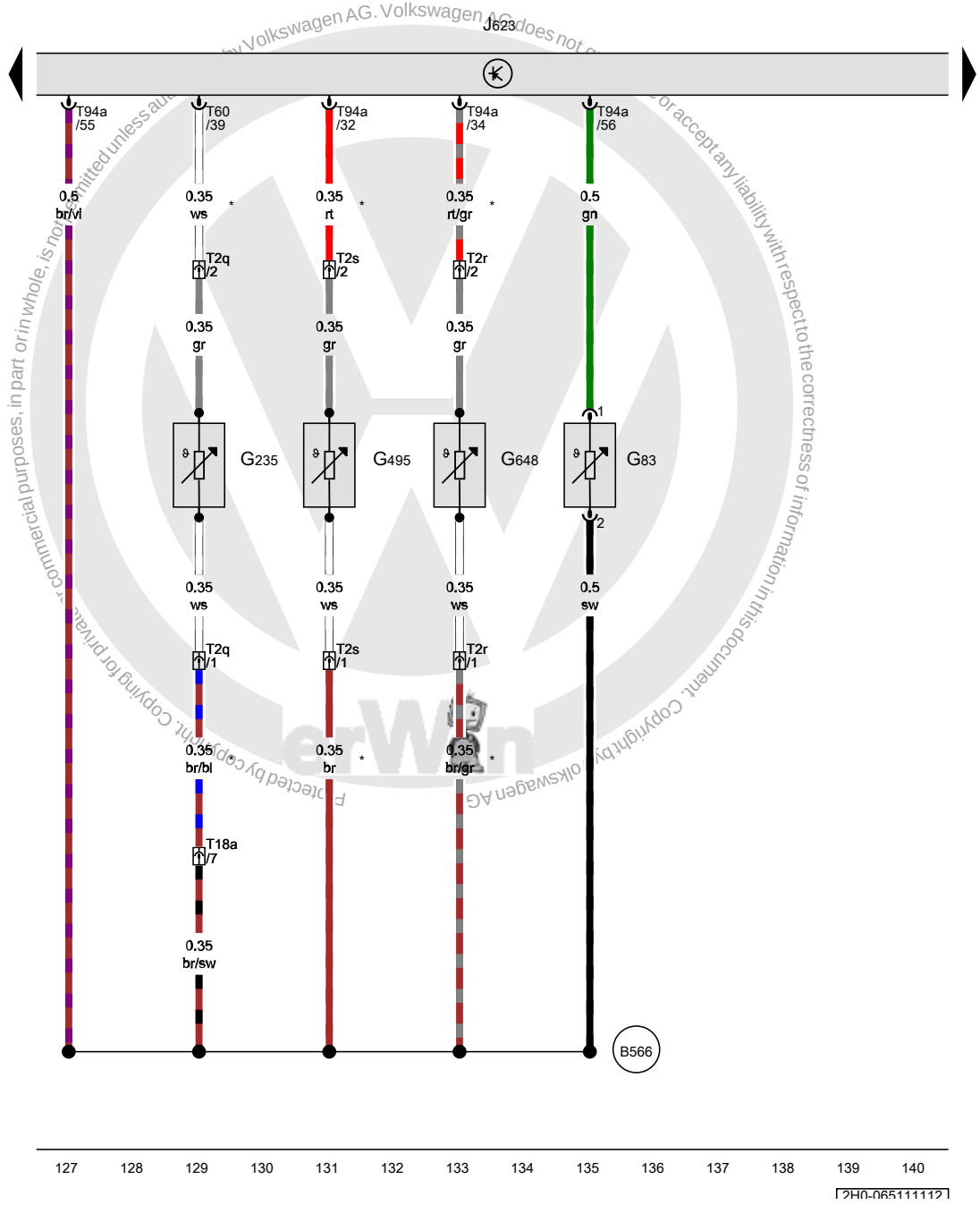

Radiator outlet coolant temperature sender, Exhaust gas temperature sender 1, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Engine control unit

G83	Radiator outlet coolant temperature sender
G235	Exhaust gas temperature sender 1
G495	Exhaust gas temperature sender 3
G648	Exhaust gas temperature sender 4
J623	Engine control unit
T2q	2-pin connector, in front right wheel housing, black
T2r	2-pin connector, in front right wheel housing, orange
T2s	2-pin connector, in front right wheel housing, brown
T18a	18-pin connector, near engine control unit, black
T60	60-pin connector, black
T94a	94-pin connector, black
B566	Connection 33, in main wiring harness
*	Only models with Euro 5 emission standard

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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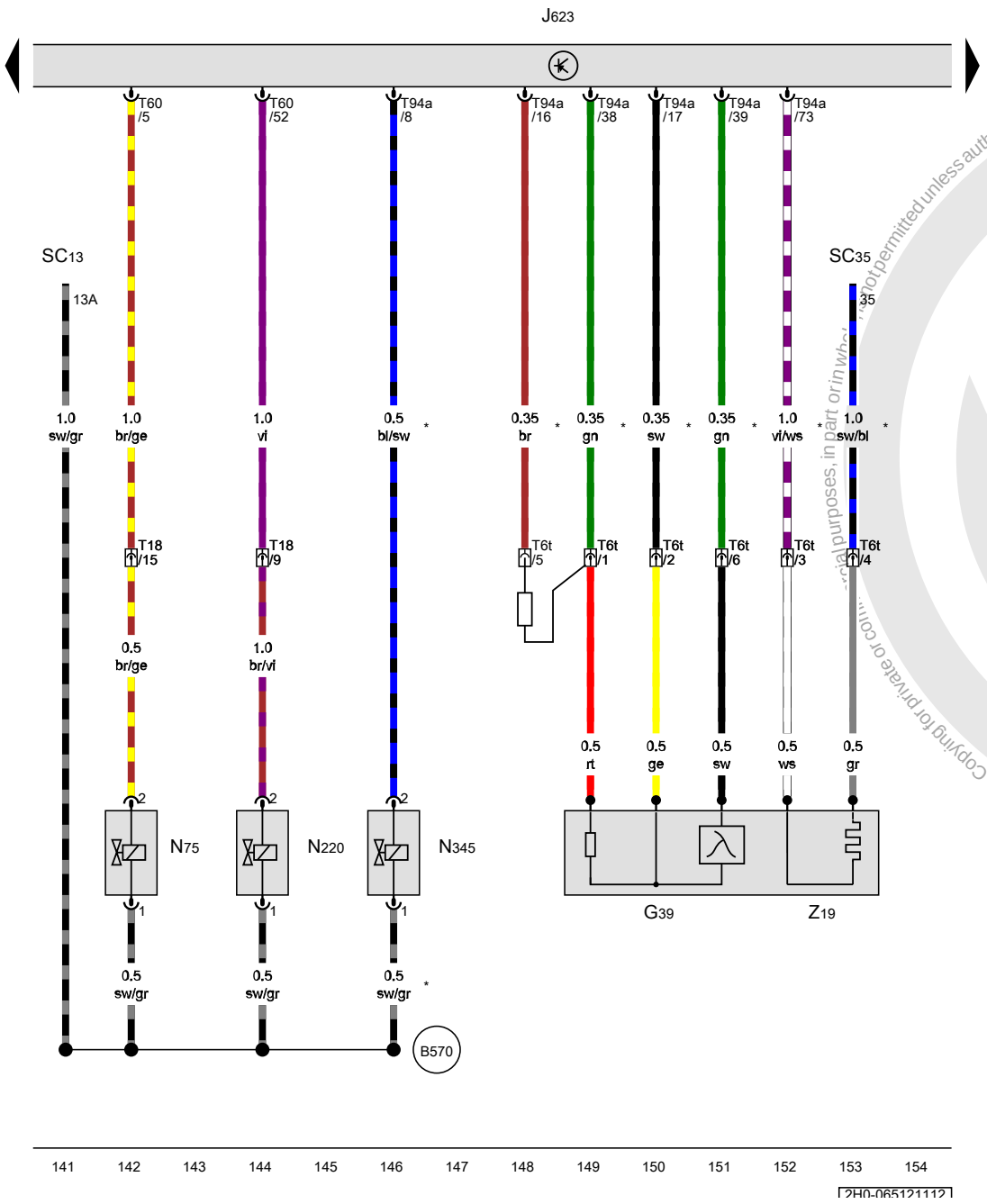

Lambda probe, Engine control unit, Charge pressure control solenoid valve, Exhaust flap valve, Exhaust gas recirculation cooler changeover valve, Fuse 13 on fuse holder C, Fuse 35 on fuse holder C

G39	Lambda probe
J623	Engine control unit
N75	Charge pressure control solenoid valve
N220	Exhaust flap valve
N345	Exhaust gas recirculation cooler changeover valve
SC13	Fuse 13 on fuse holder C
SC35	Fuse 35 on fuse holder C
T6t	6-pin connector, front right in engine compartment, black
T18	18-pin connector, near engine control unit, black
T60	60-pin connector, black
T94a	94-pin connector, black
Z19	Lambda probe heater
B570	Connection 37, in main wiring harness
*	Only models with Euro 5 emission standard

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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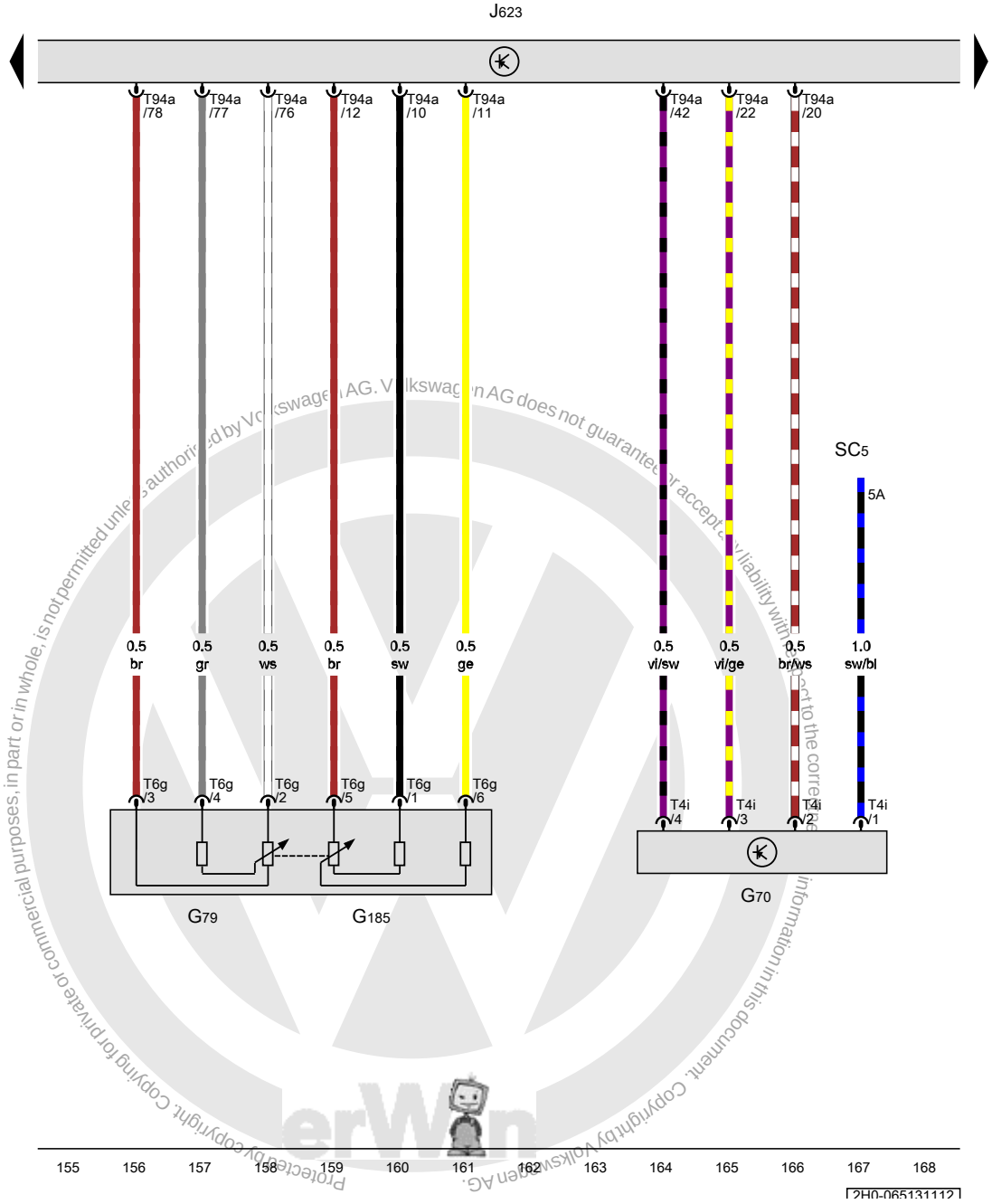
Air mass meter, Accelerator position sender, Accelerator position sender 2, Engine control unit, Fuse 5 on fuse holder C

G70	Air mass meter
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
SC5	Fuse 5 on fuse holder C
T4i	4-pin connector, black
T6g	6-pin connector
T94a	94-pin connector, black



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sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
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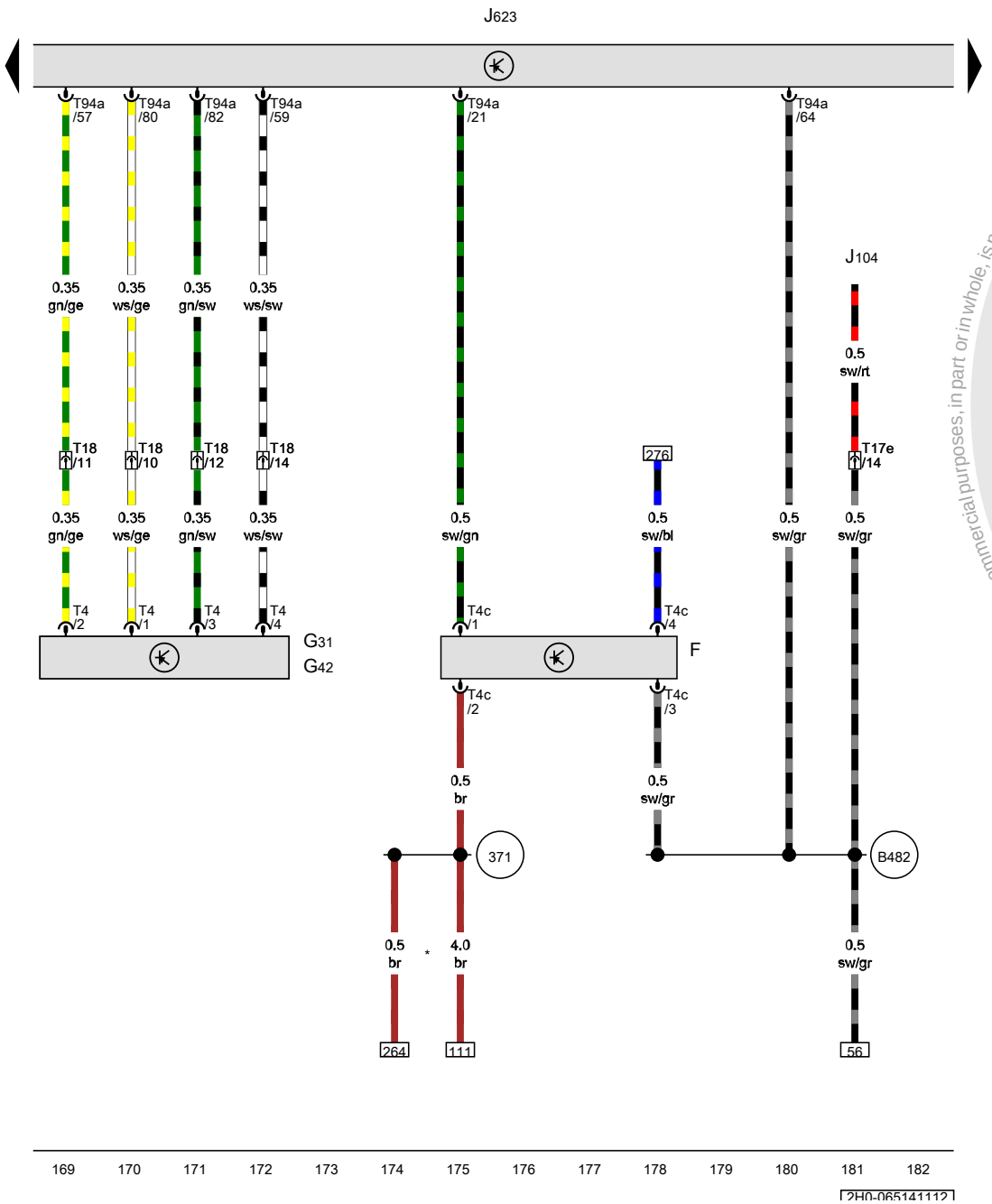

Brake light switch, Charge pressure sender, Intake air temperature sender, Engine control unit

F	Brake light switch
G31	Charge pressure sender
G42	Intake air temperature sender
J104	ABS control unit
J623	Engine control unit
T4	4-pin connector
T4c	4-pin connector, black
T17e	17-pin connector, near handbrake lever, red
T18	18-pin connector, near engine control unit, black
T94a	94-pin connector, black
(371)	Earth connection 6, in main wiring harness
(B482)	Connection 18, in main wiring harness
*	Only models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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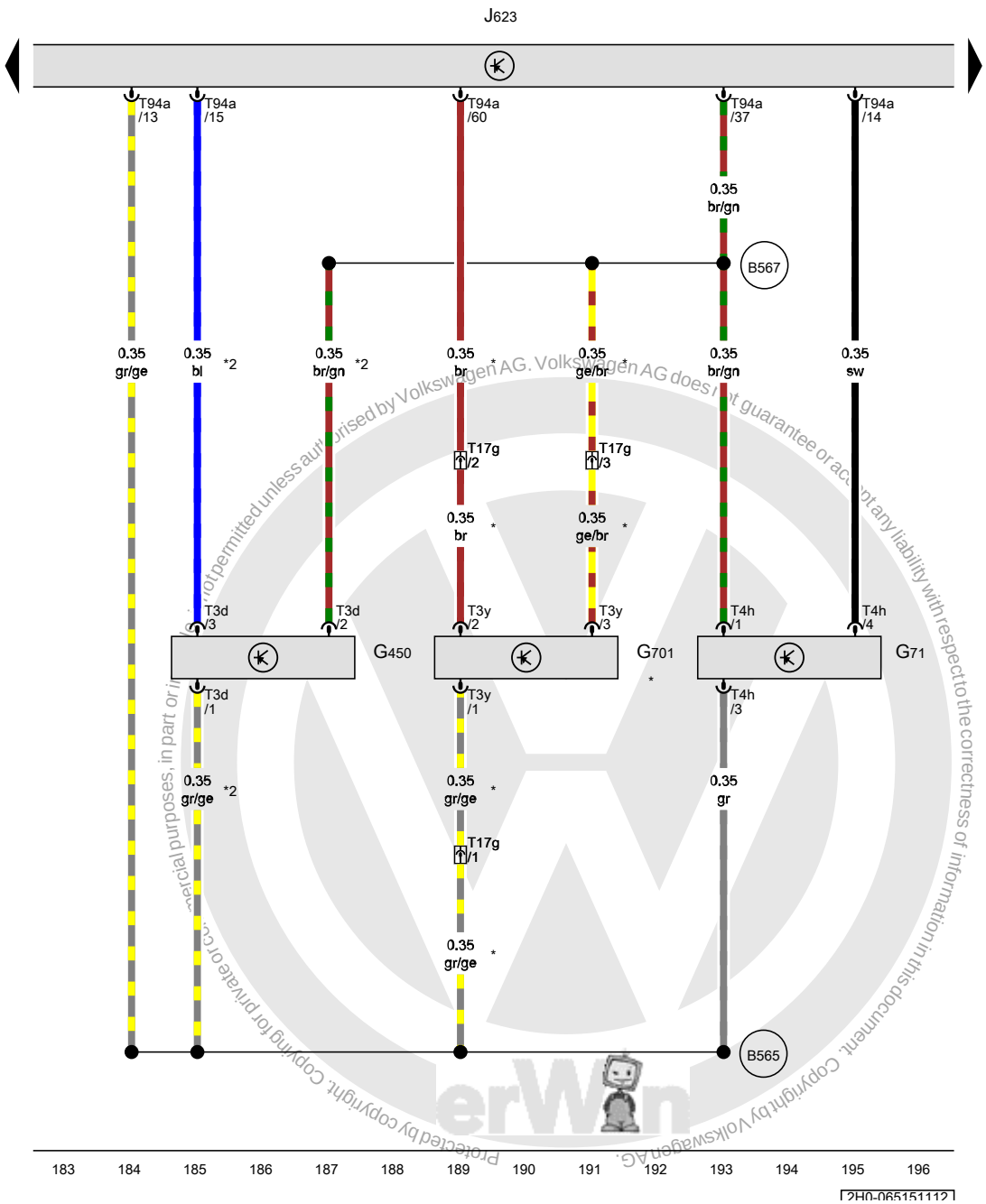

Intake manifold pressure sender, Exhaust gas pressure sensor 1, Gearbox neutral position sender, Engine control unit

G71	Intake manifold pressure sender
G450	Exhaust gas pressure sensor 1
G701	Gearbox neutral position sender
J623	Engine control unit
T3d	3-pin connector, black
T3y	3-pin connector, black
T4h	4-pin connector, black
T17g	17-pin connector, near handbrake lever, black
T94a	94-pin connector, black
B565	Connection 32, in main wiring harness
B567	Connection 34, in main wiring harness
*	Only models with manual gearbox
*2	Only models with Euro 5 emission standard

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
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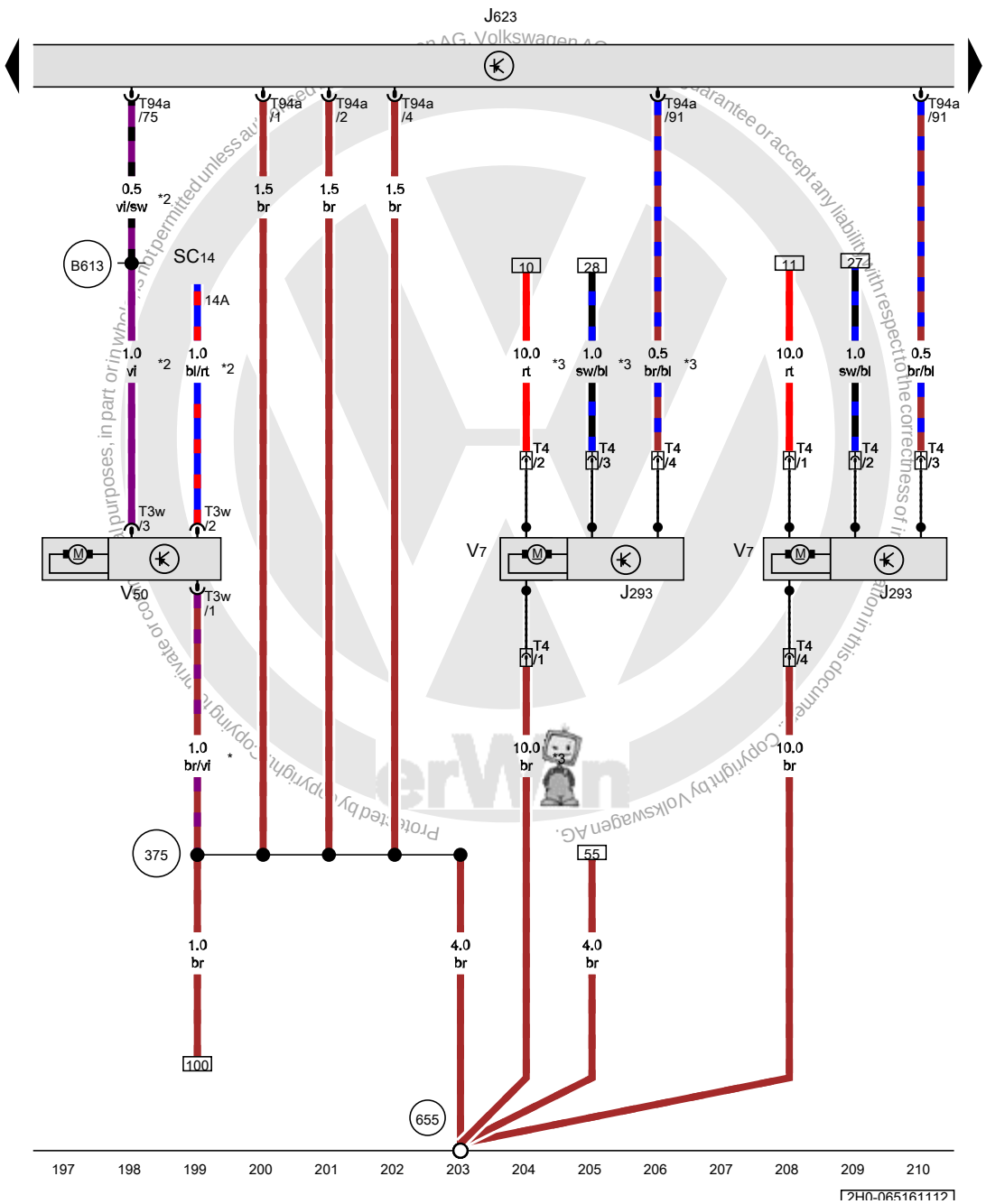

Radiator fan control unit, Engine control unit, Fuse 14 on fuse holder C, Coolant circulation pump

J293	Radiator fan control unit
J623	Engine control unit
SC14	Fuse 14 on fuse holder C
T3w	3-pin connector, black
T4	4-pin connector, on radiator cowling, black
T94a	94-pin connector, black
V7	Radiator fan
V50	Coolant circulation pump
375	Earth connection 10, in main wiring harness
655	Earth point, on left headlight
B613	Connection 41, in main wiring harness
*	Only models with "Low" equipment (AW0)
*2	Only models with Euro 5 plus emission standard (7MJ)
*3	Hot country version

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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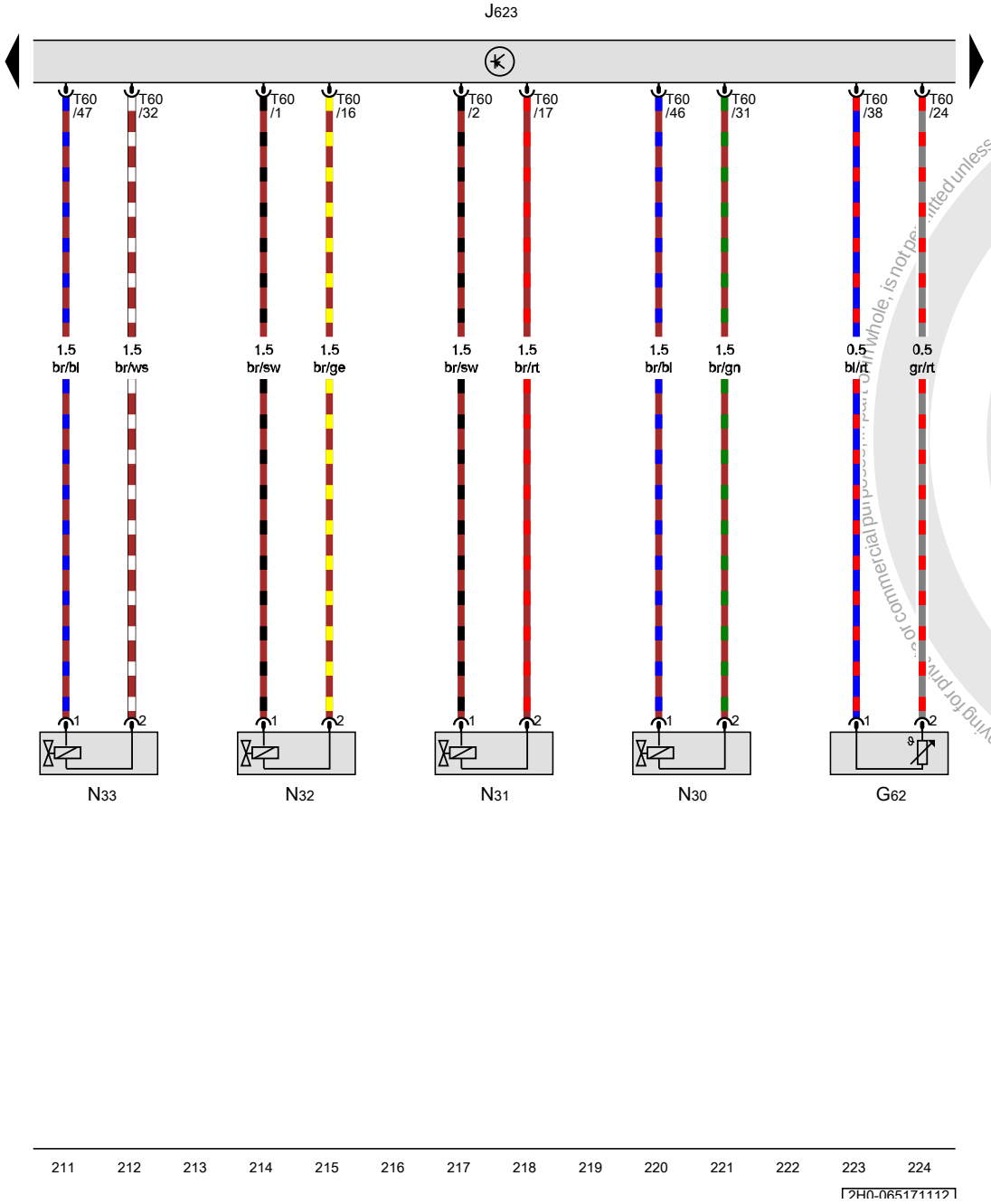
Coolant temperature sender, Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

G62	Coolant temperature sender
J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T60	60-pin connector, black



ws	=	white
sw	=	black
ro	=	red
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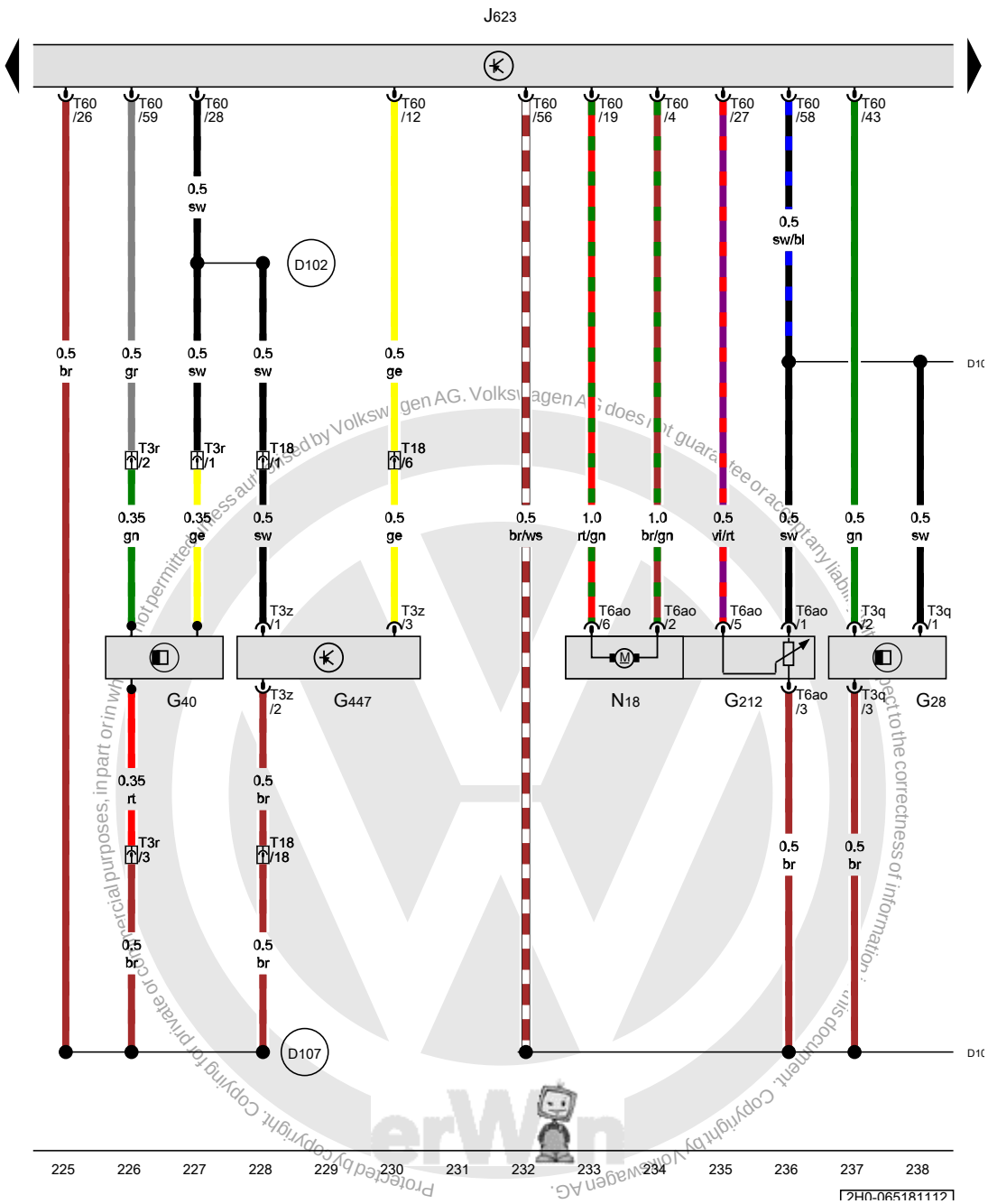

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Hall sender, Exhaust gas recirculation potentiometer, Charge pressure sender 2, Engine control unit, Exhaust gas recirculation valve

G28	Engine speed sender
G40	Hall sender
G212	Exhaust gas recirculation potentiometer
G447	Charge pressure sender 2
J623	Engine control unit
N18	Exhaust gas recirculation valve
T3q	3-pin connector, black
T3r	3-pin connector, on front of engine, black
T3z	3-pin connector, black
T6ao	6-pin connector, black
T18	18-pin connector, near engine control unit, black
T60	60-pin connector, black
D101	Connection 1 in engine compartment wiring harness
D102	Connection 2 in engine compartment wiring harness
D103	Connection 3 in engine compartment wiring harness
D107	Connection 5 in engine compartment wiring harness

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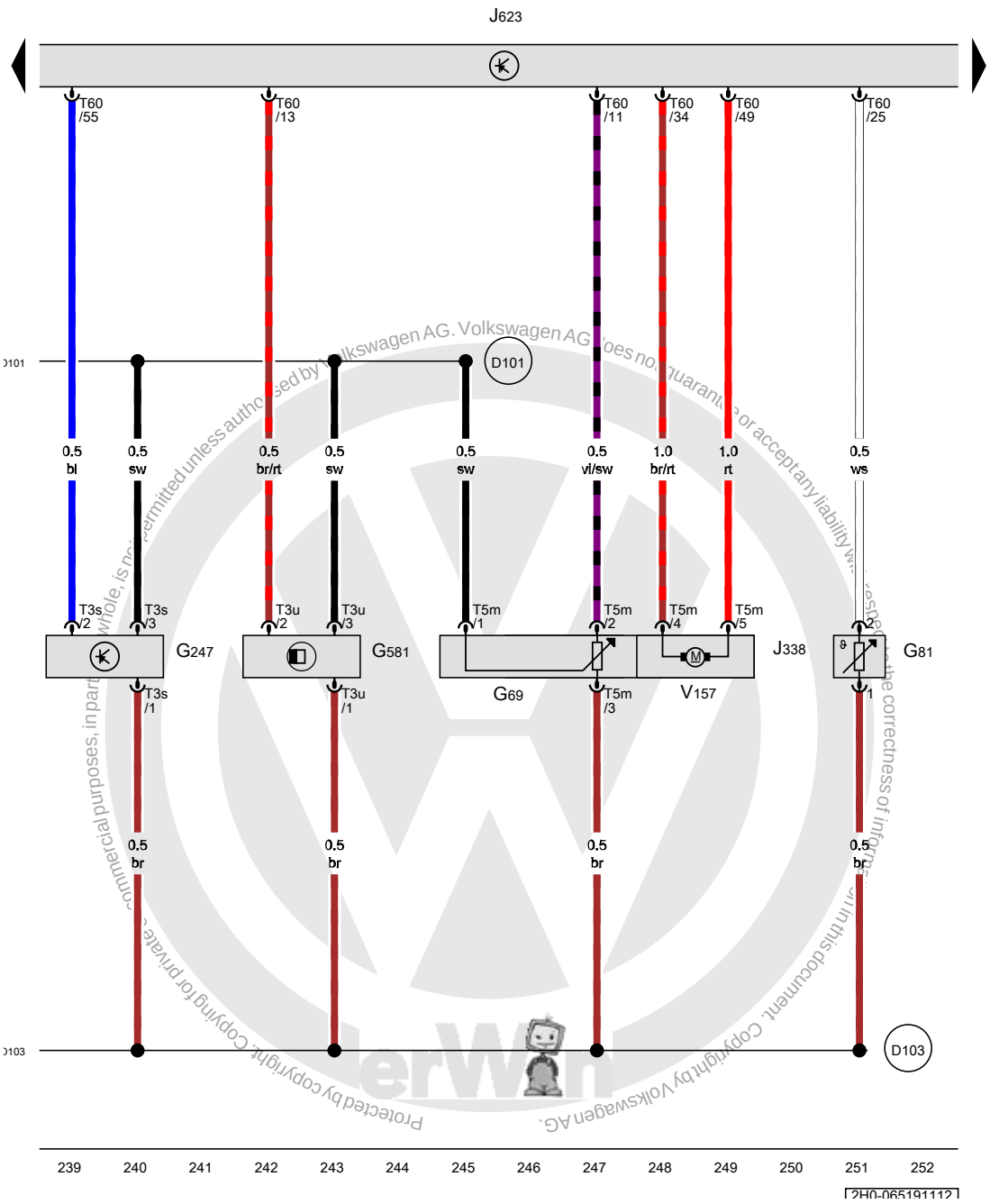

Throttle valve potentiometer, Fuel temperature sender, Fuel pressure sender, Position sender for charge pressure positioner, Throttle valve module, Engine control unit, Intake manifold flap motor

G69	Throttle valve potentiometer
G81	Fuel temperature sender
G247	Fuel pressure sender
G581	Position sender for charge pressure positioner
J338	Throttle valve module
J623	Engine control unit
T3s	3-pin connector, black
T3u	3-pin connector
T5m	5-pin connector
T60	60-pin connector, black
V157	Intake manifold flap motor
D101	Connection 1 in engine compartment wiring harness
D103	Connection 3 in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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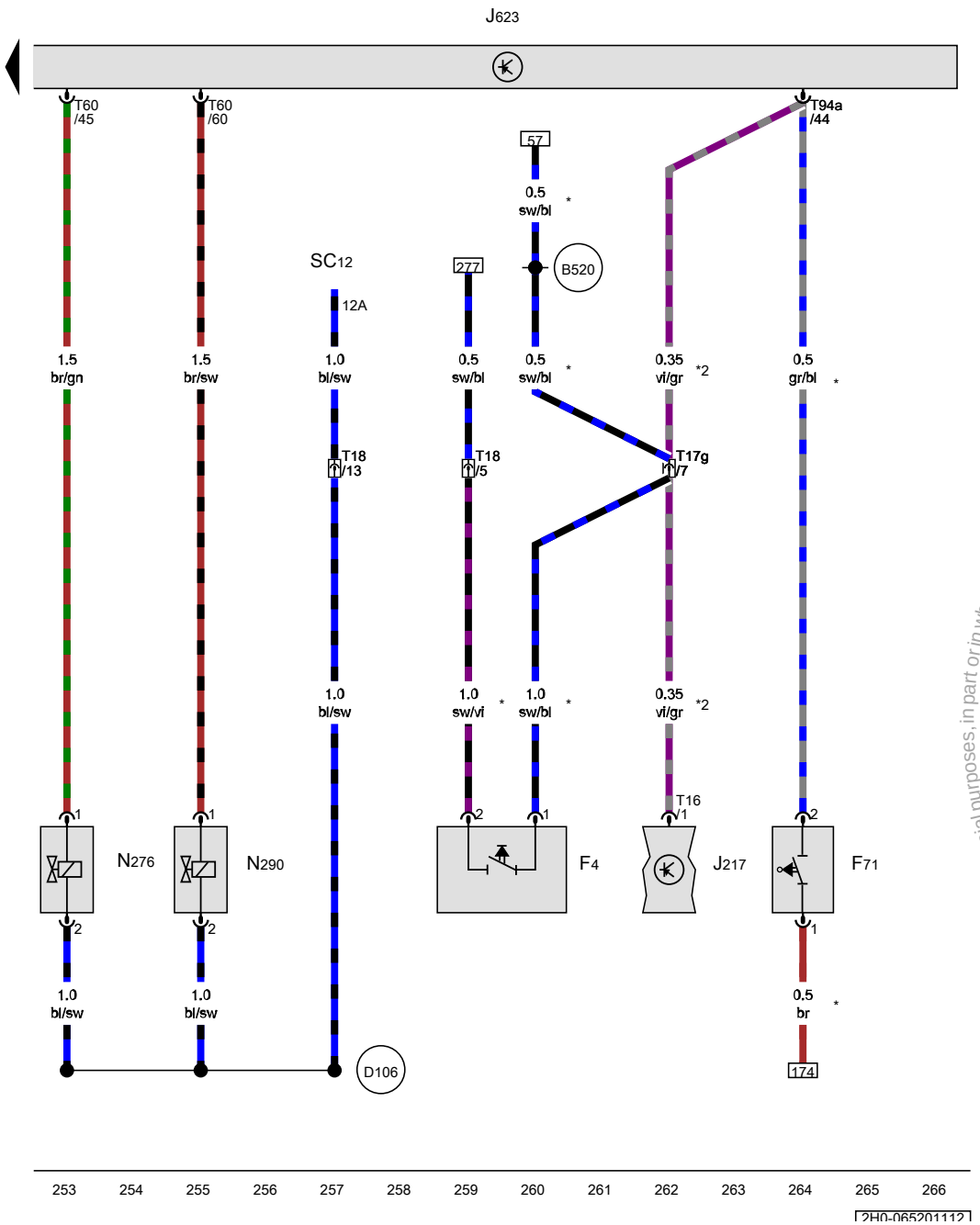

Clutch pedal switch for stop/start system, Automatic gearbox control unit, Engine control unit, Fuel pressure regulating valve, Fuel metering valve, Fuse 12 on fuse holder C

F4	Reversing light switch
F71	Clutch pedal switch for stop/start system
J217	Automatic gearbox control unit
J623	Engine control unit
N276	Fuel pressure regulating valve
N290	Fuel metering valve
SC12	Fuse 12 on fuse holder C
T16	16-pin connector
T17g	17-pin connector, near handbrake lever, black
T18	18-pin connector, near engine control unit, black
T60	60-pin connector, black
T94a	94-pin connector, black
B520	Connection (RL), in main wiring harness
D106	Connection 4 in engine compartment wiring harness
*	Only models with manual gearbox
*2	Only models with no automatic gearbox

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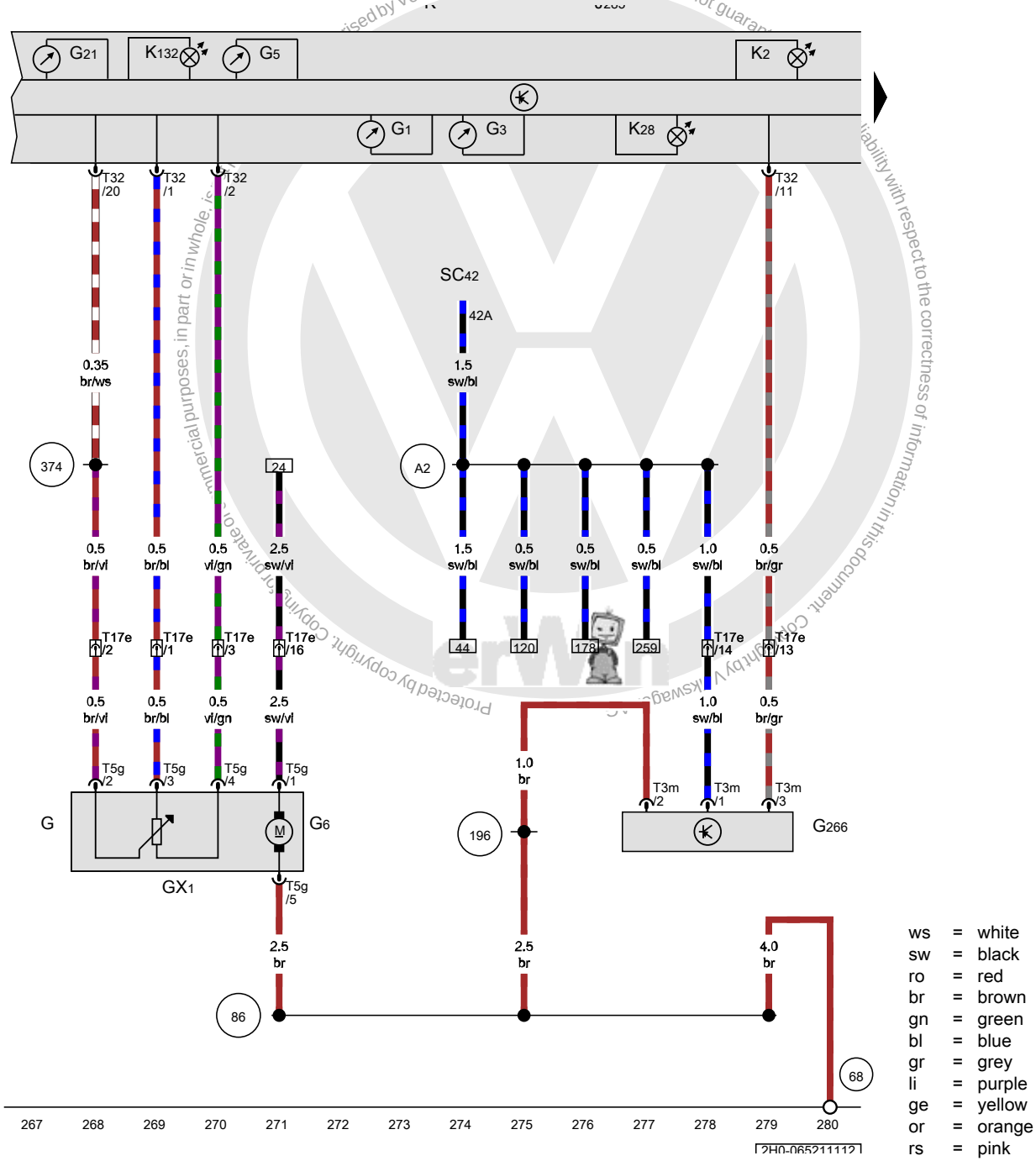

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sw = black
ro = red
br = brown
gn = green
bl = blue
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Fuel system pressurisation pump, Oil level and oil temperature sender, Dash panel insert, Fuse 42 on fuse holder C

G	Fuel gauge sender
GX1	Fuel delivery unit
G1	Fuel gauge
G3	Coolant temperature gauge
G5	Rev. counter
G6	Fuel system pressurisation pump
G21	Speedometer
G266	Oil level and oil temperature sender
J285	Control unit in dash panel insert
K	Dash panel insert
K2	Alternator warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K132	Electronic power control fault lamp
SC42	Fuse 42 on fuse holder C
T3m	3-pin connector
T5g	5-pin connector
T17e	17-pin connector, near handbrake lever, red
T32	32-pin connector
68	Earth point, on left of rear cross member
86	Earth connection 1, in rear wiring harness
196	Earth connection 3, in rear wiring harness
374	Earth connection 9, in main wiring harness
A2	Positive connection (15), in dash panel wiring harness

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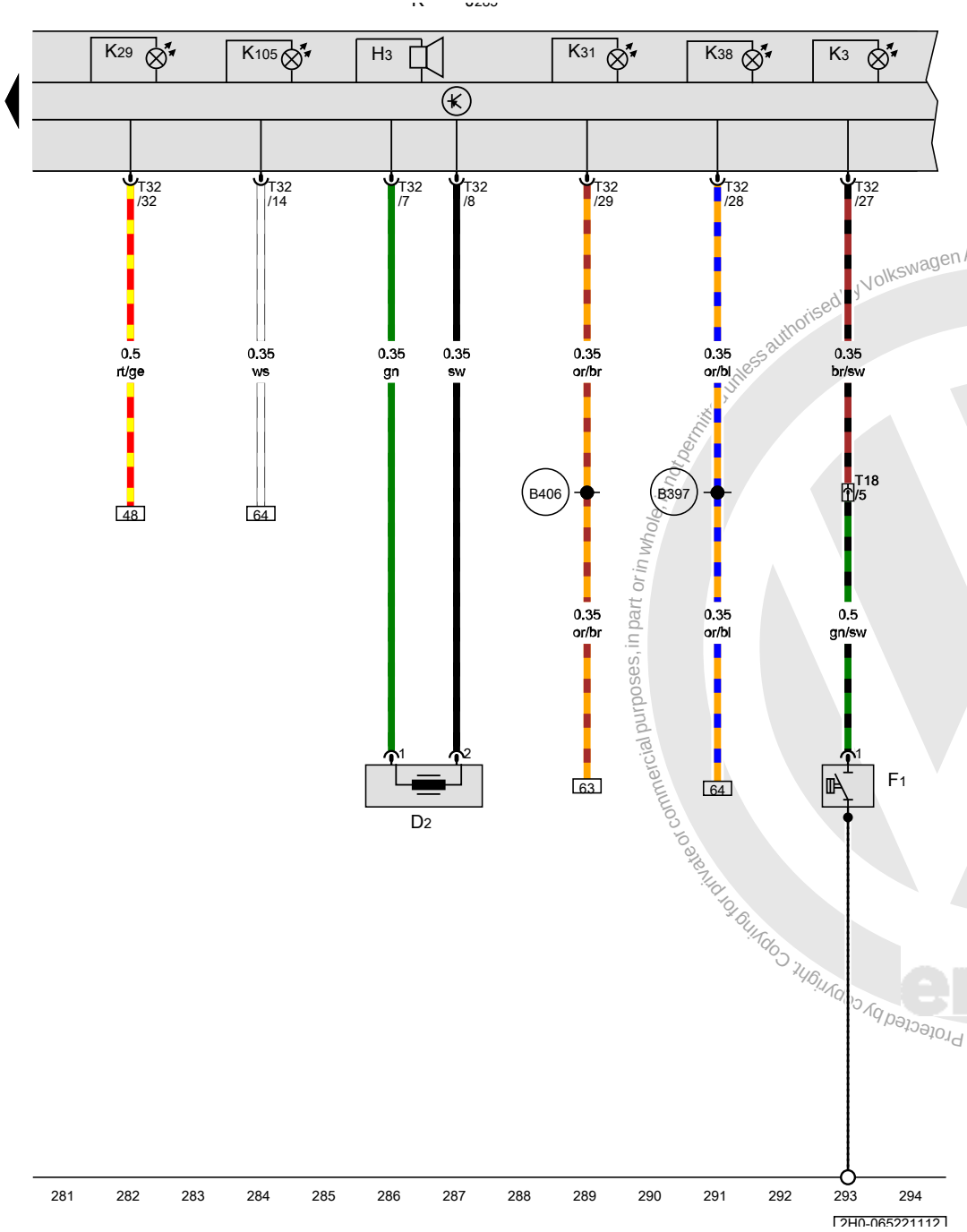

Oil pressure switch, Dash panel insert

D2	Immobiliser reader coil
F1	Oil pressure switch
H3	Buzzer and gong
J285	Control unit in dash panel insert
K	Dash panel insert
K3	Oil pressure warning lamp
K29	Glow period warning lamp
K31	Cruise control system warning lamp
K38	Oil level warning lamp
K105	Reserve fuel warning lamp
T18	18-pin connector, near engine control unit, black
T32	32-pin connector
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness

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Fuse assignment for models with start/stop system , (7L6)

From June 2012

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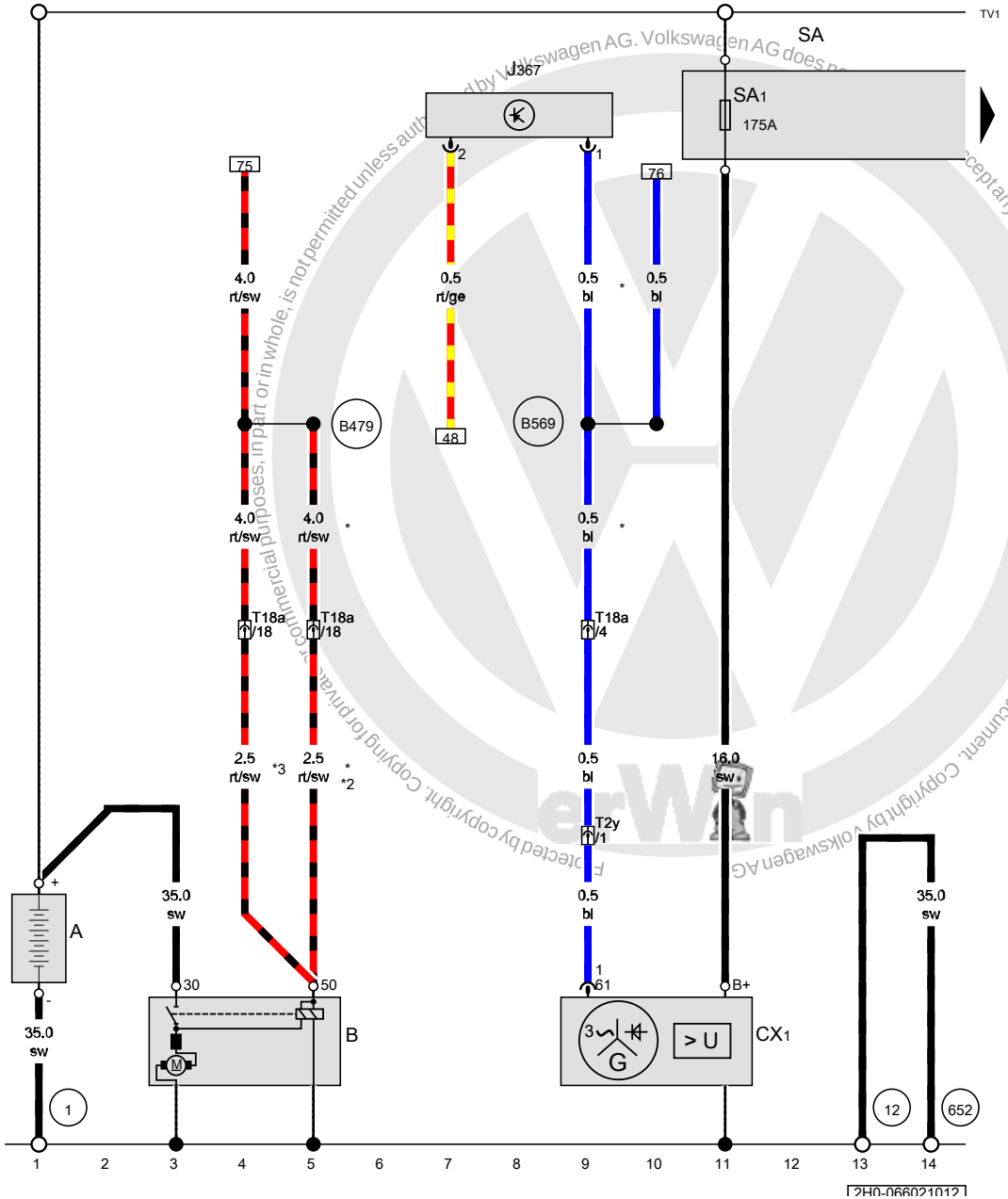

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Battery, Starter, Alternator with voltage regulator, Battery monitor control unit, Fuse holder A

A	Battery
B	Starter
CX1	Alternator with voltage regulator
J367	Battery monitor control unit
SA	Fuse holder A
SA1	Fuse 1 in fuse holder A
T2y	2-pin connector, black
T18a	18-pin connector, near engine control unit, grey
1	Earth strap, battery - body
12	Earth point, on left in engine compartment
652	Earth point, engine and gearbox earth
B479	Connection 15, in main wiring harness
B569	Connection 36, in main wiring harness
*	see applicable current flow diagram for engine
*2	Only models with diesel engine
*3	Only models with petrol engine

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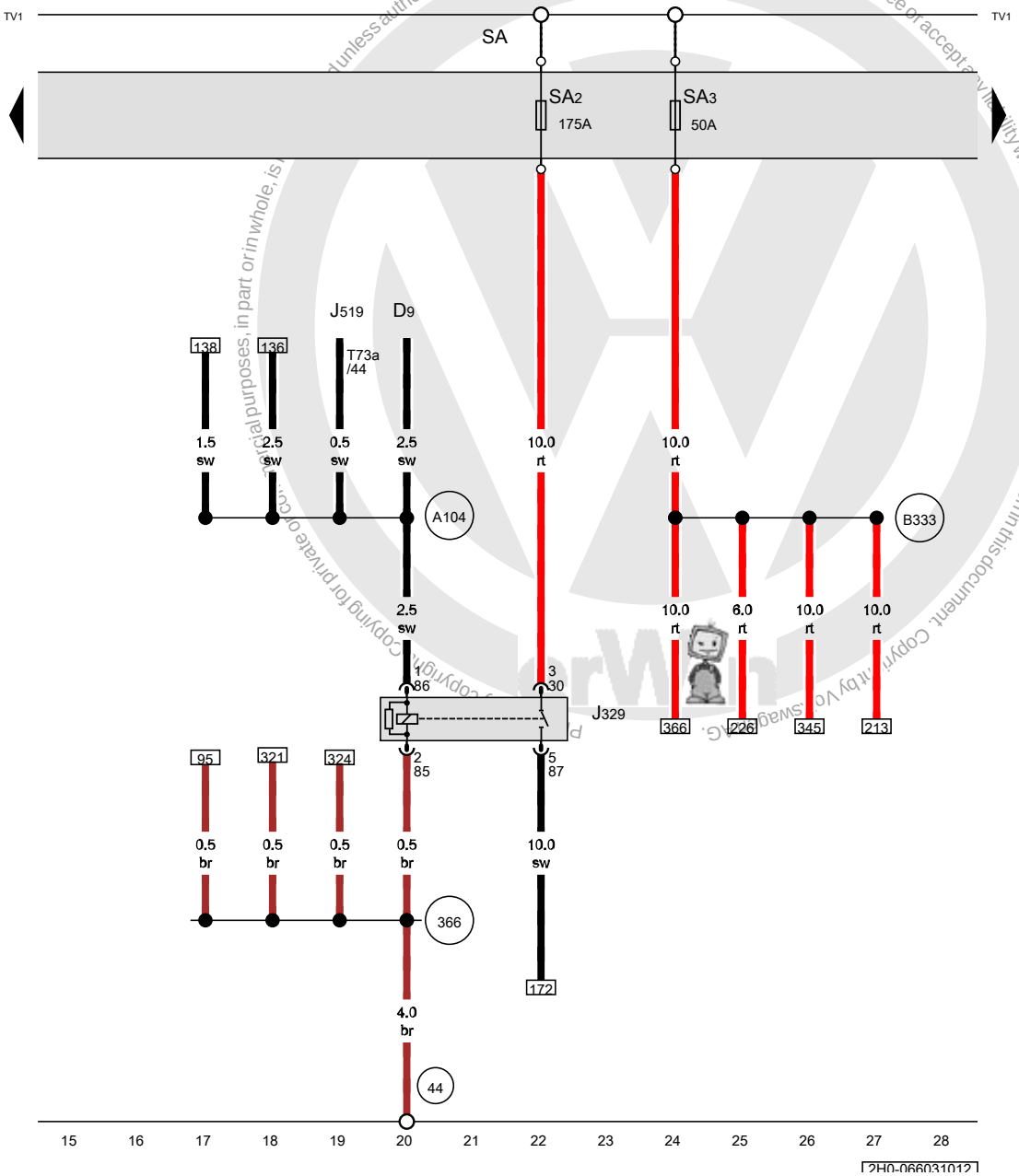

Terminal 15 voltage supply relay, Fuse holder A

D9	Electronic ignition lock
J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
SA	Fuse holder A
SA2	Fuse 2 in fuse holder A
SA3	Fuse 3 in fuse holder A
T73a	73-pin connector
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
A104	Positive connection 2 (15), in dash panel wiring harness
B333	Positive connection 19 (30a) in main wiring harness

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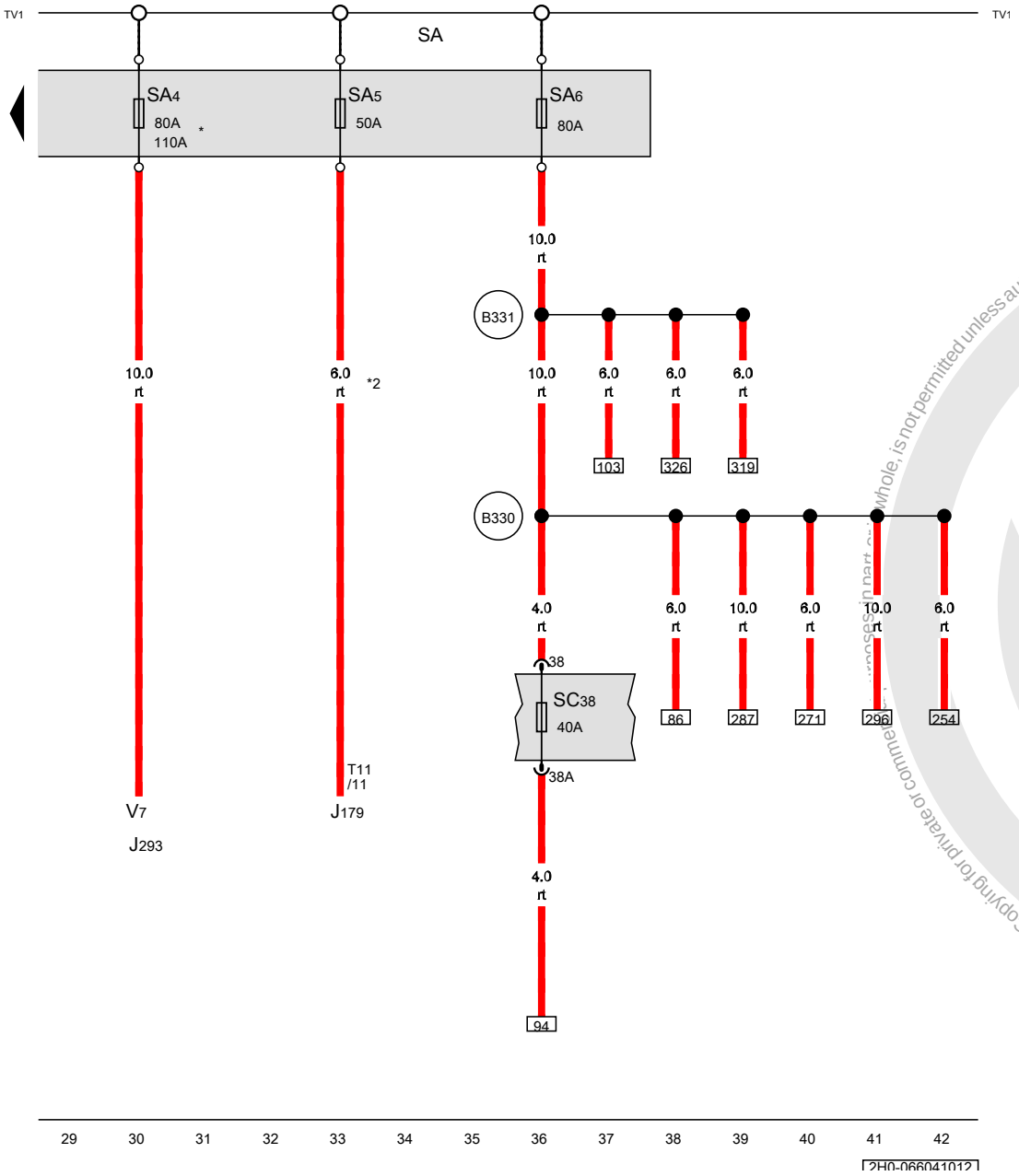
Automatic glow period control unit, Fuse holder A, Fuse 38 on fuse holder C, Radiator fan

J179	Automatic glow period control unit
J293	Radiator fan control unit
SA	Fuse holder A
SA4	Fuse 4 in fuse holder A
SA5	Fuse 5 in fuse holder A
SA6	Fuse 6 in fuse holder A
SC38	Fuse 38 on fuse holder C
T11	11-pin connector, black
V7	Radiator fan
B330	Positive connection 16 (30a) in main wiring harness
B331	Positive connection 17 (30a) in main wiring harness
*	According to equipment
*2	Only models with diesel engine



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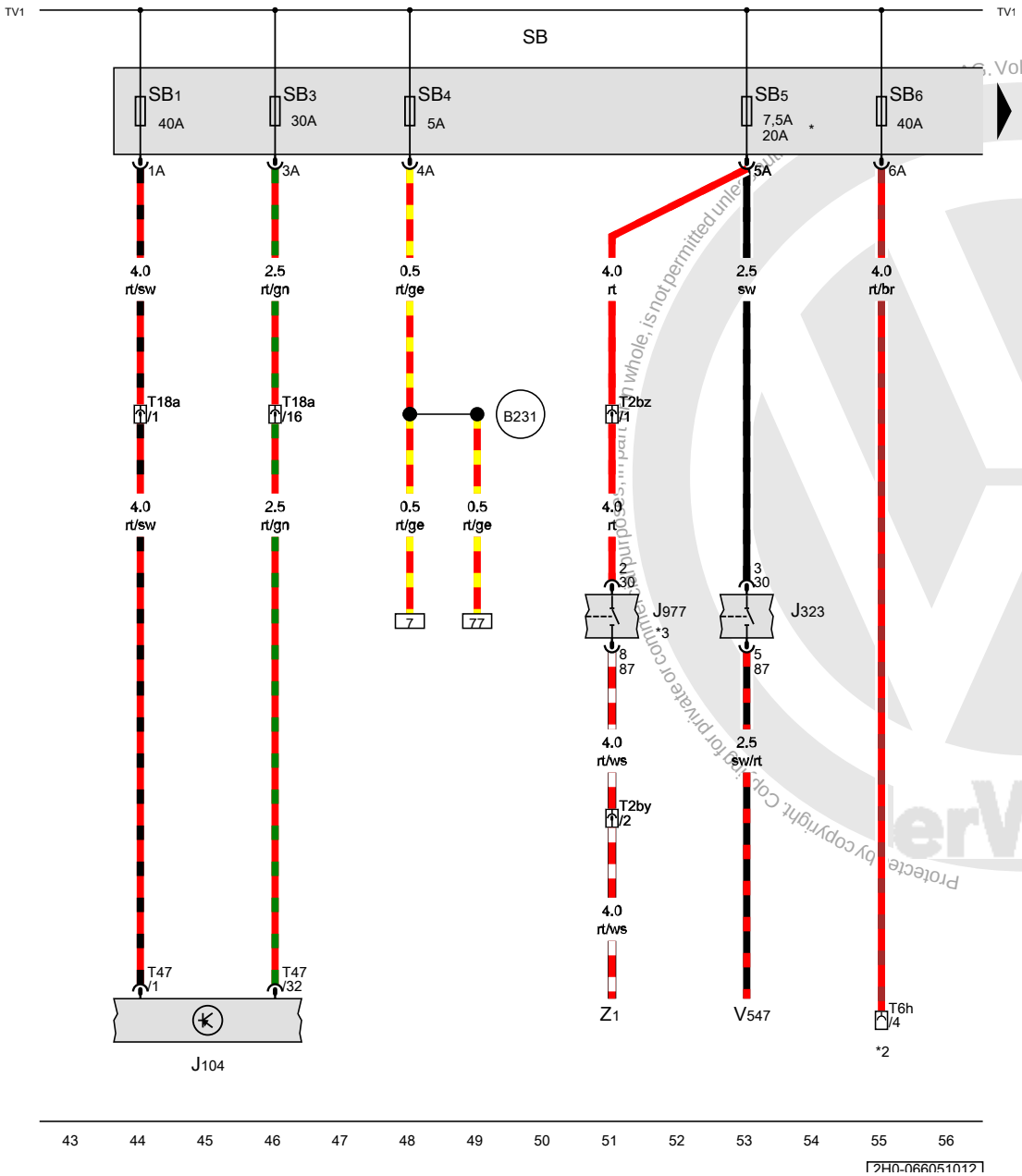
ABS control unit, Fuse 1 on fuse holder B, Fuse 3 on fuse holder B, Fuse 4 on fuse holder B, Fuse 6 on fuse holder B



J104	ABS control unit
J323	Blower relay
J977	Terminal 30 relay
SB	Fuse holder B
SB1	Fuse 1 on fuse holder B
SB3	Fuse 3 on fuse holder B
SB4	Fuse 4 on fuse holder B
SB5	Fuse 5 on fuse holder B
SB6	Fuse 6 on fuse holder B
T2by	2-pin connector
T2bz	2-pin connector
T6h	6-pin connector, in left footwell, near centre console, grey
T18a	18-pin connector, near engine control unit, grey
T47	47-pin connector, black
V547	Air supply blower
Z1	Heated rear window
B231	Positive connection 5 (30a), in interior wiring harness
*	According to equipment
*2	Only models with electric interface for external use
*3	see applicable current flow diagram for hardtop

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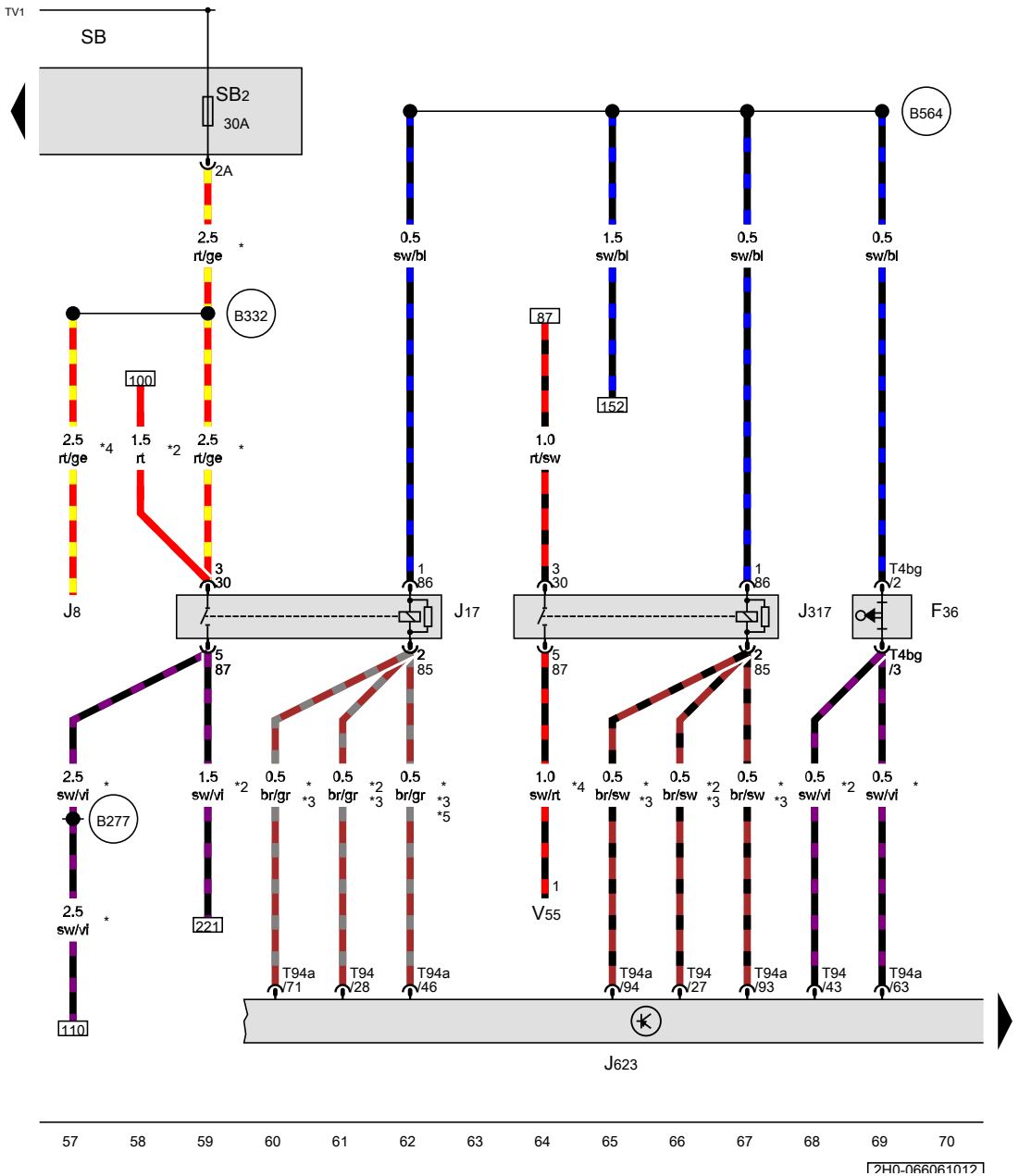
Clutch pedal switch, Fuel pump relay, Terminal 30 voltage supply relay, Engine control unit, Fuse 2 on fuse holder B

F36	Clutch pedal switch
J8	Auxiliary heater relay
J17	Fuel pump relay
J317	Terminal 30 voltage supply relay
J623	Engine control unit
SB	Fuse holder B
SB2	Fuse 2 on fuse holder B
T4bg	4-pin connector, black
T94	94-pin connector, black
T94a	94-pin connector, black
V55	Circulation pump
B277	Positive connection 1 (15a) in main wiring harness
B332	Positive connection 18 (30a) in main wiring harness
B564	Connection 31, in main wiring harness
*	Only models with diesel engine
*2	Only models with petrol engine
*3	see applicable current flow diagram for engine
*4	see applicable current flow diagram for auxiliary coolant heater
*5	Slot assignment, with no cruise control system (CCS)



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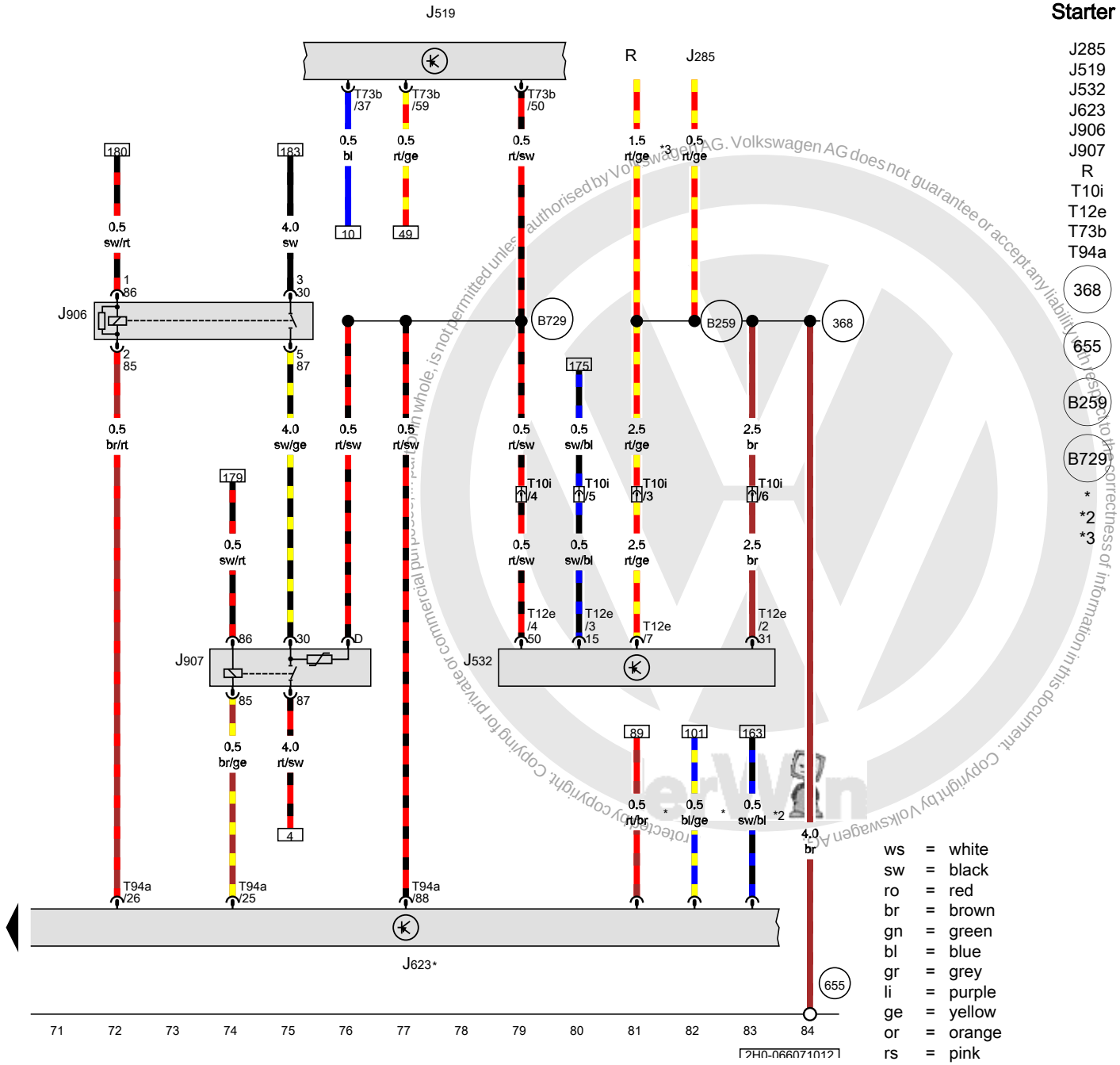

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Voltage stabiliser, Engine control unit, Starter relay 1, Starter relay 2

J285	Control unit in dash panel insert
J519	Onboard supply control unit
J532	Voltage stabiliser
J623	Engine control unit
J906	Starter relay 1
J907	Starter relay 2
R	Radio
T10i	10-pin connector, near battery, black
T12e	12-pin connector, black
T73b	73-pin connector, colourless
T94a	94-pin connector, black
368	Earth connection 3, in main wiring harness
655	Earth point, on left headlight
B259	Connection (start/stop signal), in interior wiring harness
B729	Connection 1 (50), in main wiring harness
*	see applicable current flow diagram for engine
*2	Only models with diesel engine
*3	see applicable current flow diagram for radio/ radio navigation system

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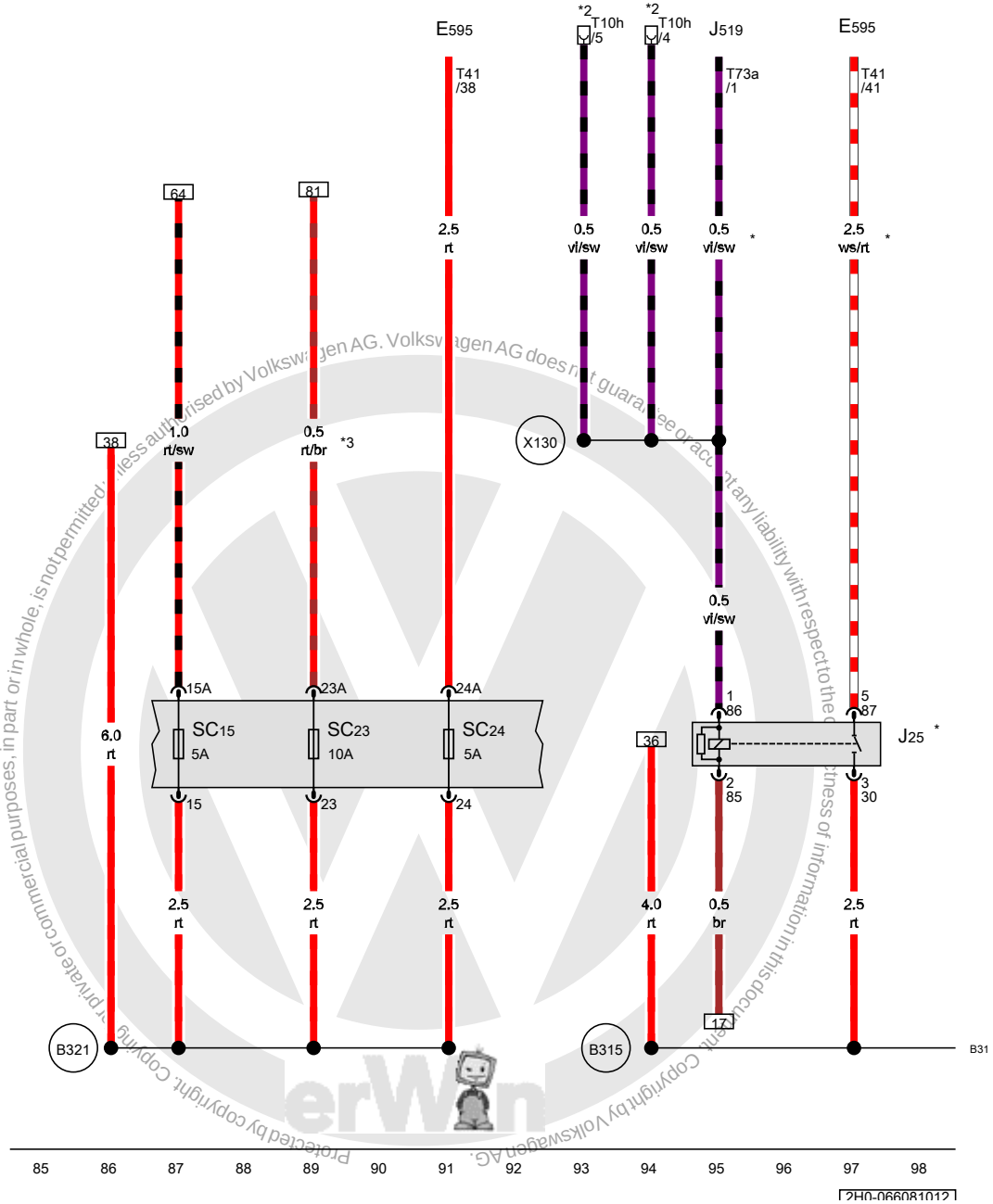

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Headlight relay, Fuse 15 on fuse holder C, Fuse 23 on fuse holder C, Fuse 24 on fuse holder C

E595	Steering column combination switch
J25	Headlight relay
J519	Onboard supply control unit
SC15	Fuse 15 on fuse holder C
SC23	Fuse 23 on fuse holder C
SC24	Fuse 24 on fuse holder C
T10h	10-pin connector, in left footwell, near centre console, purple
T41	41-pin connector
T73a	73-pin connector, black
B315	Positive connection 1 (30a) in main wiring harness
B321	Positive connection 7 (30a) in main wiring harness
X130	Connection 3, in optional equipment wiring harness
*	Only models with automatic driving lights control
*2	Only models with electric interface for external use
*3	see applicable current flow diagram for engine

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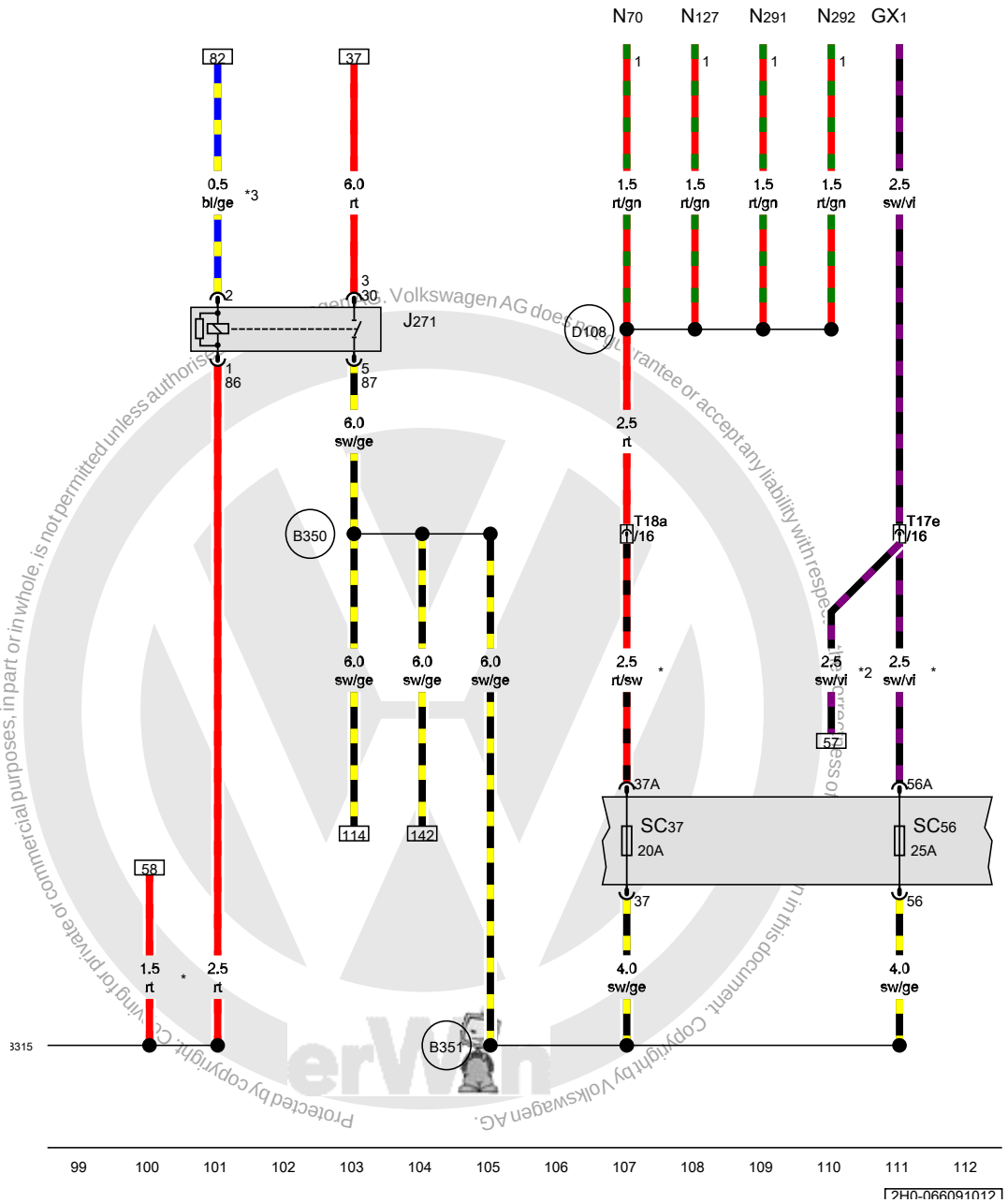

Main relay, Fuse 37 on fuse holder C, Fuse 56 on fuse holder C

GX1	Fuel delivery unit, on fuel tank
J271	Main relay
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
SC37	Fuse 37 on fuse holder C
SC56	Fuse 56 on fuse holder C
T17e	17-pin connector, near handbrake lever, blue
T18a	18-pin connector, near engine control unit, black
B315	Positive connection 1 (30a) in main wiring harness
B350	Positive connection 1 (87a) in main wiring harness
B351	Positive connection 2 (87a) in main wiring harness
D108	Connection 6 in engine compartment wiring harness
*	Only models with petrol engine
*2	Only models with diesel engine
*3	see applicable current flow diagram for engine

ws	=	white
sw	=	black
ro	=	red
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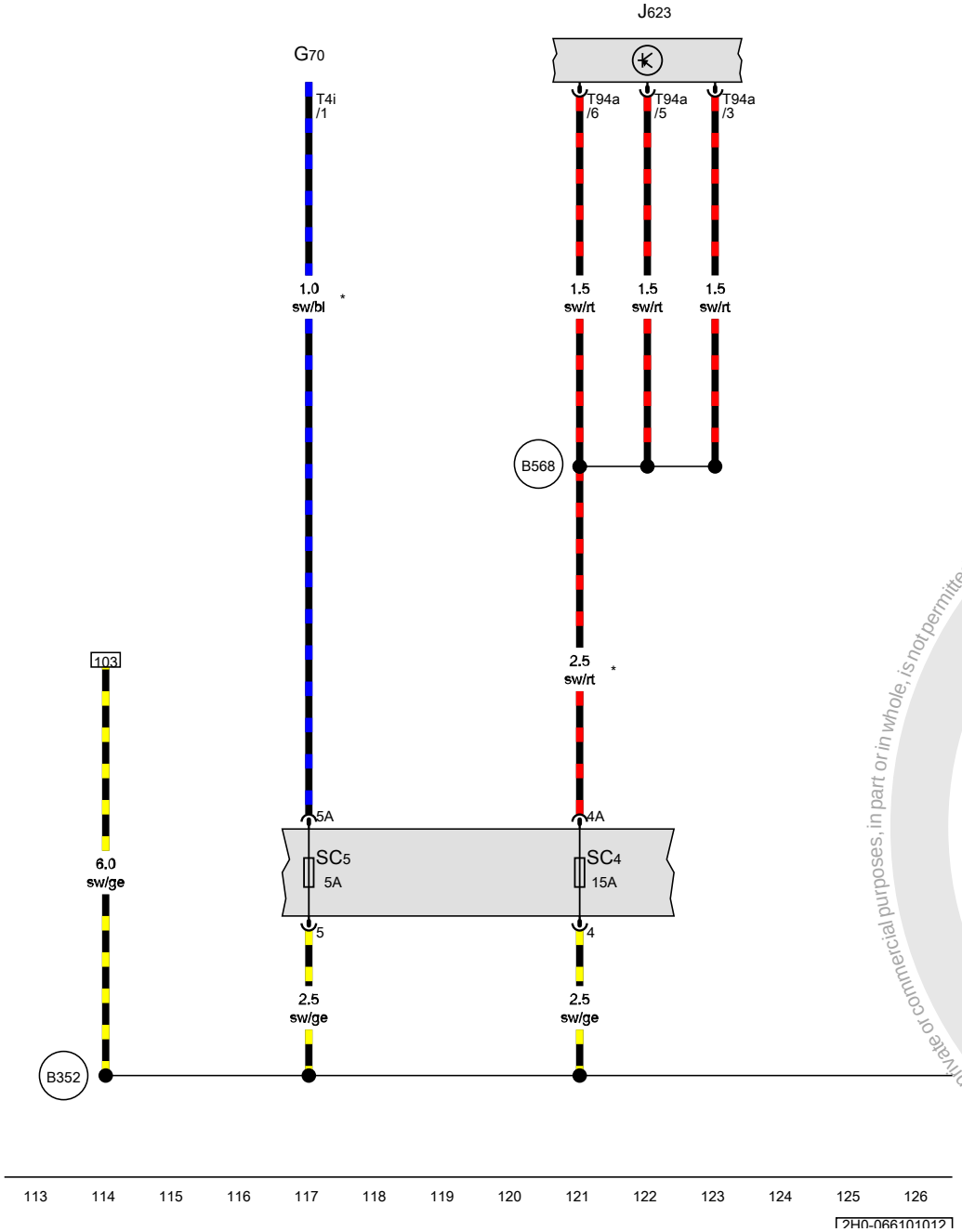
Fuse 4 on fuse holder C, Fuse 5 on fuse holder C

G70	Air mass meter
J623	Engine control unit
SC4	Fuse 4 on fuse holder C
SC5	Fuse 5 on fuse holder C
T4i	4-pin connector, black
T94a	94-pin connector, black
B352	Positive connection 3 (87a) in main wiring harness
B568	Connection 35, in main wiring harness
*	Only models with diesel engine



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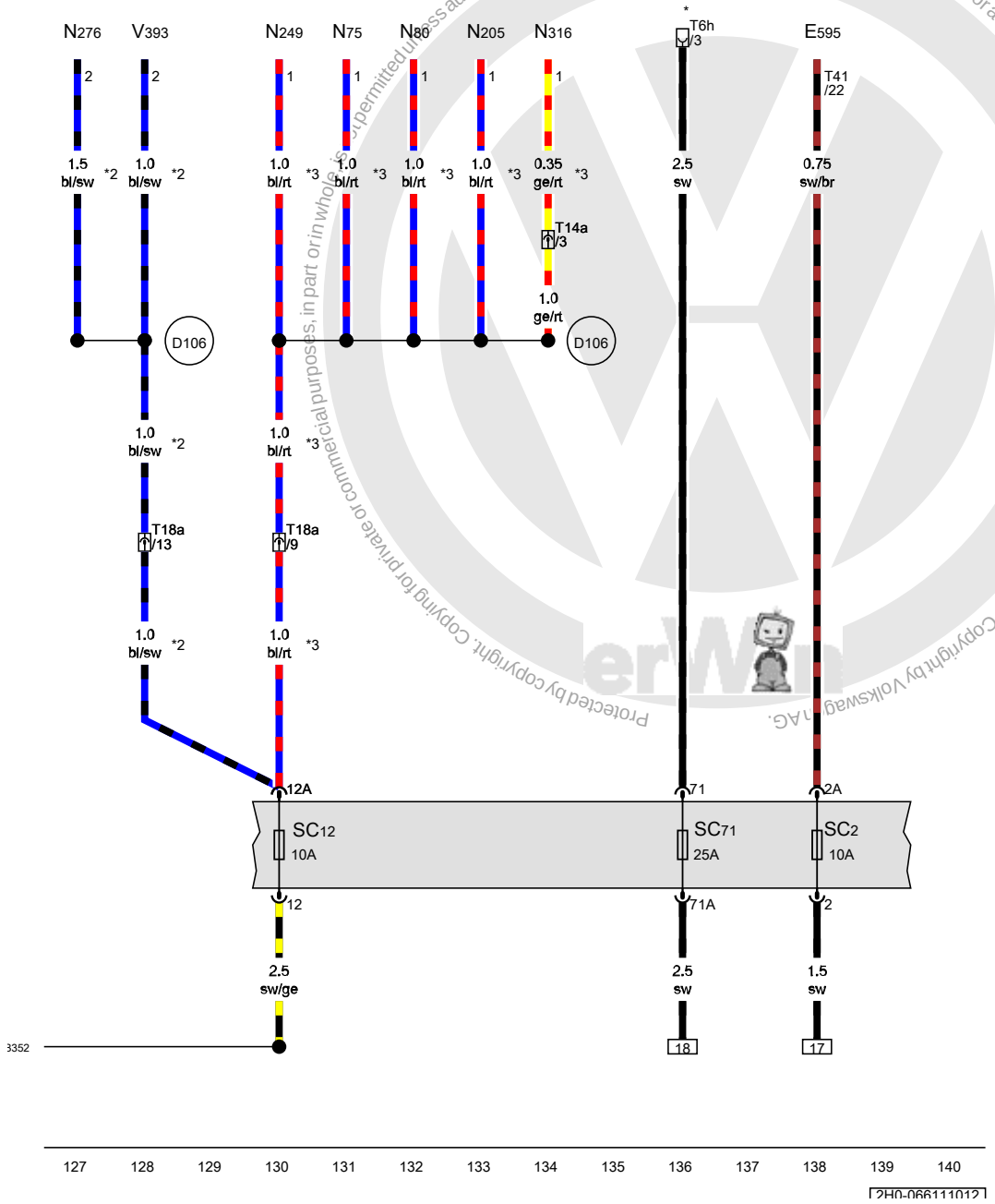

Fuse 2 on fuse holder C, Fuse 12 on fuse holder C, Fuse 71 on fuse holder C

E595	Steering column combination switch
N75	Charge pressure control solenoid valve
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N249	Turbocharger air recirculation valve
N276	Fuel pressure regulating valve
N316	Intake manifold flap valve
SC2	Fuse 2 on fuse holder C
SC12	Fuse 12 on fuse holder C
SC71	Fuse 71 on fuse holder C
T6h	6-pin connector, in left footwell, near centre console, grey
T14a	14-pin connector, front left in engine compartment
T18a	18-pin connector, near engine control unit, black
T41	41-pin connector, grey
V393	Supplementary fuel pump
B352	Positive connection 3 (87a) in main wiring harness
D106	Connection 4 in engine compartment wiring harness
*	Only models with electric interface for external use
*2	Only models with diesel engine
*3	Only models with petrol engine

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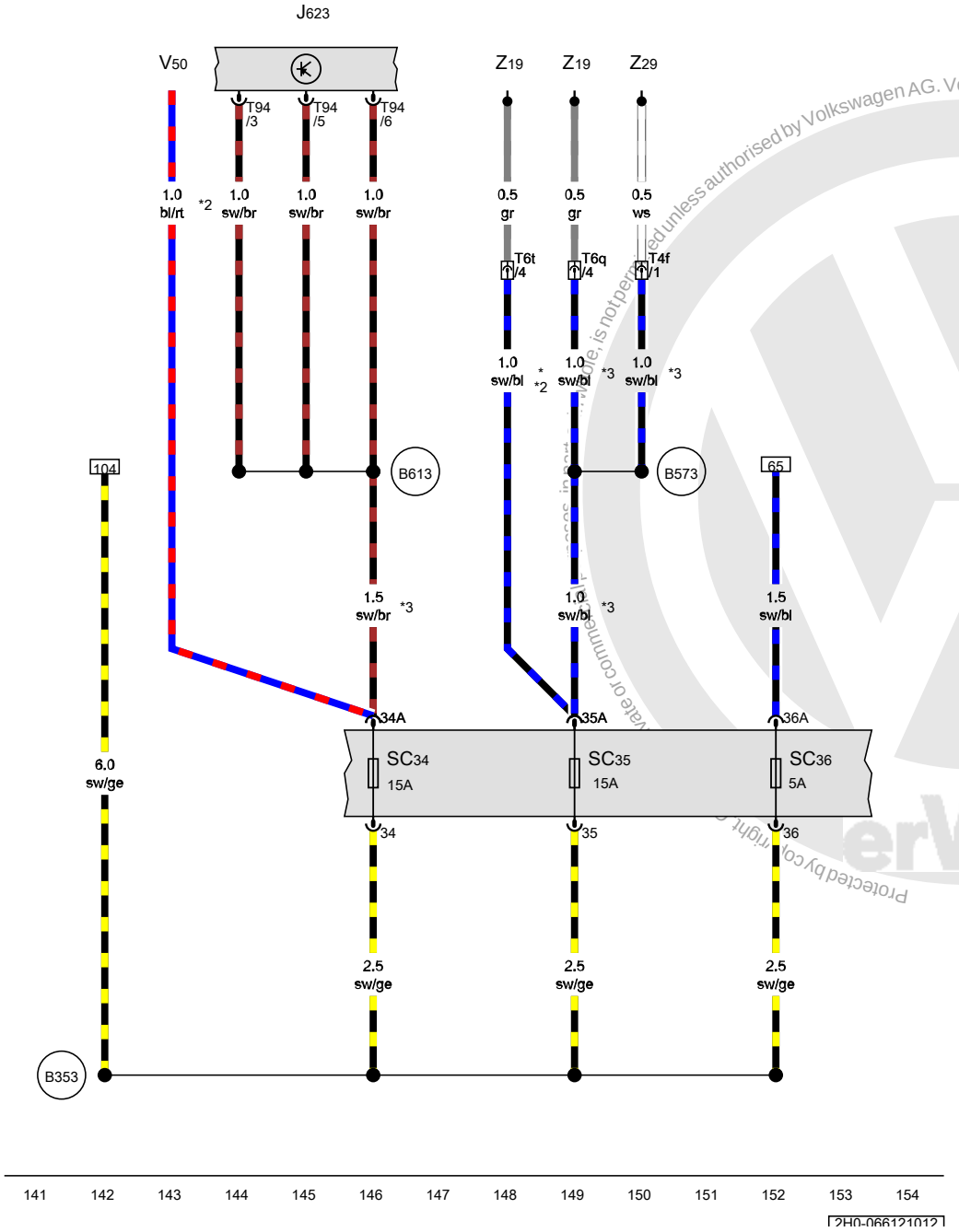
Fuse 34 on fuse holder C, Fuse 35 on fuse holder C, Fuse 36 on fuse holder C



J623	Engine control unit
SC34	Fuse 34 on fuse holder C
SC35	Fuse 35 on fuse holder C
SC36	Fuse 36 on fuse holder C
T4f	4-pin connector, front right in engine compartment, black
T6q	6-pin connector, front right in engine compartment, black
T6t	6-pin connector, front right in engine compartment, black
T94	94-pin connector, black
V50	Coolant circulation pump
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
B353	Positive connection 4 (87a) in main wiring harness
B573	Connection 40, in main wiring harness
B613	Connection 41, in main wiring harness
*	Only models with Euro 5 emission standard
*2	Only models with diesel engine
*3	Only models with petrol engine

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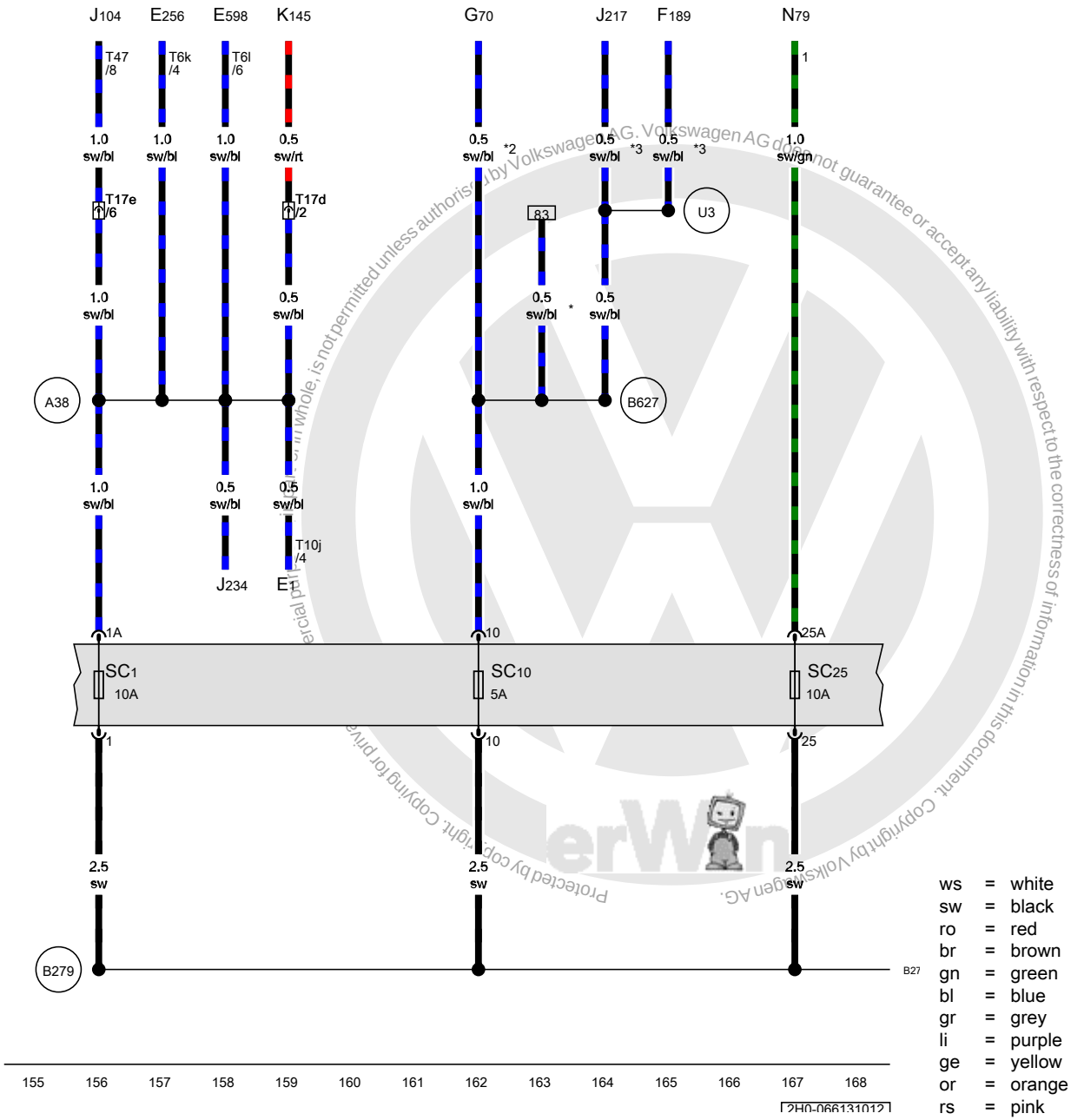

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Fuse 1 on fuse holder C, Fuse 10 on fuse holder C, Fuse 25 on fuse holder C

E1	Light switch
E256	TCS and ESP button, on centre console switch module
E598	Driving program button, on centre console switch module
F189	Tiptronic switch
G70	Air mass meter
J104	ABS control unit
J217	Automatic gearbox control unit
J234	Airbag control unit
K145	Front passenger side airbag deactivated warning lamp
N79	Heater element for crankcase breather
SC1	Fuse 1 on fuse holder C
SC10	Fuse 10 on fuse holder C
SC25	Fuse 25 on fuse holder C
T6k	6-pin connector, black
T6l	6-pin connector, red
T10j	10-pin connector, black
T17d	17-pin connector, on left under dash panel, red
T17e	17-pin connector, near handbrake lever, blue
T47	47-pin connector, black
A38	Positive connection 2 (15a) in dash panel wiring harness
B279	Positive connection 3 (15a) in main wiring harness
B627	Positive connection 3 (15), in main wiring harness
U3	Connection 1, in automatic gearbox wiring harness
*	Only models with diesel engine
*2	Only models with petrol engine
*3	see applicable current flow diagram for automatic gearbox

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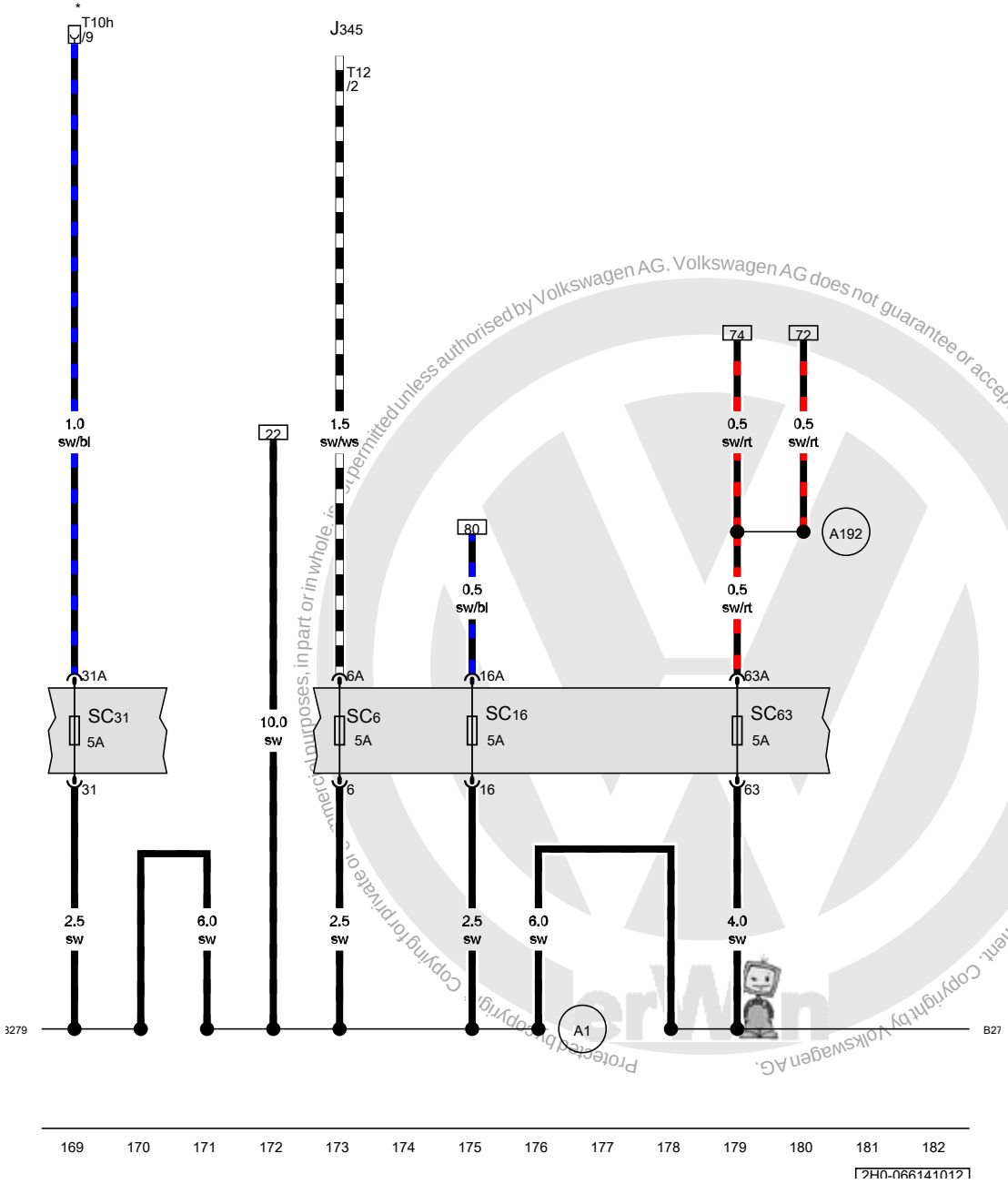

Fuse 6 on fuse holder C, Fuse 16 on fuse holder C, Fuse 31 on fuse holder C, Fuse 63 on fuse holder C

J345	Trailer detector control unit
SC6	Fuse 6 on fuse holder C
SC16	Fuse 16 on fuse holder C
SC31	Fuse 31 on fuse holder C
SC63	Fuse 63 on fuse holder C
T10h	10-pin connector, in left footwell, near centre console, purple
T12	12-pin connector, red
A1	Positive connection (30a), in dash panel wiring harness
A192	Positive connection 3 (15a) in dash panel wiring harness
B278	Positive connection 2 (15a) in main wiring harness
B279	Positive connection 3 (15a) in main wiring harness
*	Only models with electric interface for external use

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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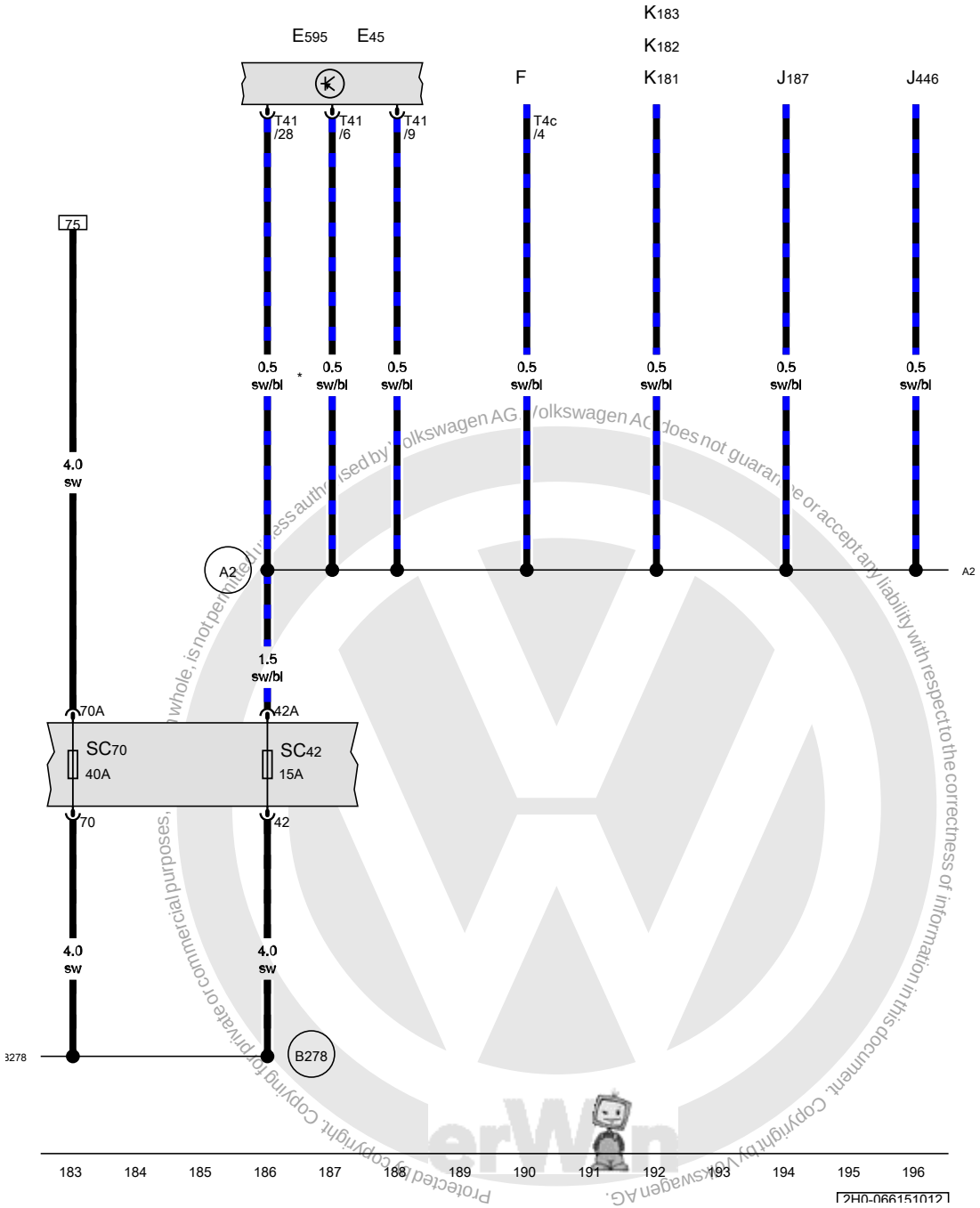

Brake light switch, Fuse 42 on fuse holder C

E45	Cruise control system switch
E595	Steering column combination switch
F	Brake light switch
J187	Differential lock control unit
J446	Parking aid control unit
K181	Normal operation warning lamp in transfer box operating unit
K182	Reduction gearing warning lamp in transfer box operating unit
K183	Inter-axle lock-up warning lamp in transfer box operating unit
SC42	Fuse 42 on fuse holder C
SC70	Fuse 70 on fuse holder C
T4c	4-pin connector, black
T41	41-pin connector, grey
A2	Positive connection (15), in dash panel wiring harness
B278	Positive connection 2 (15a) in main wiring harness
*	Only models with cruise control system

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sw	=	black
ro	=	red
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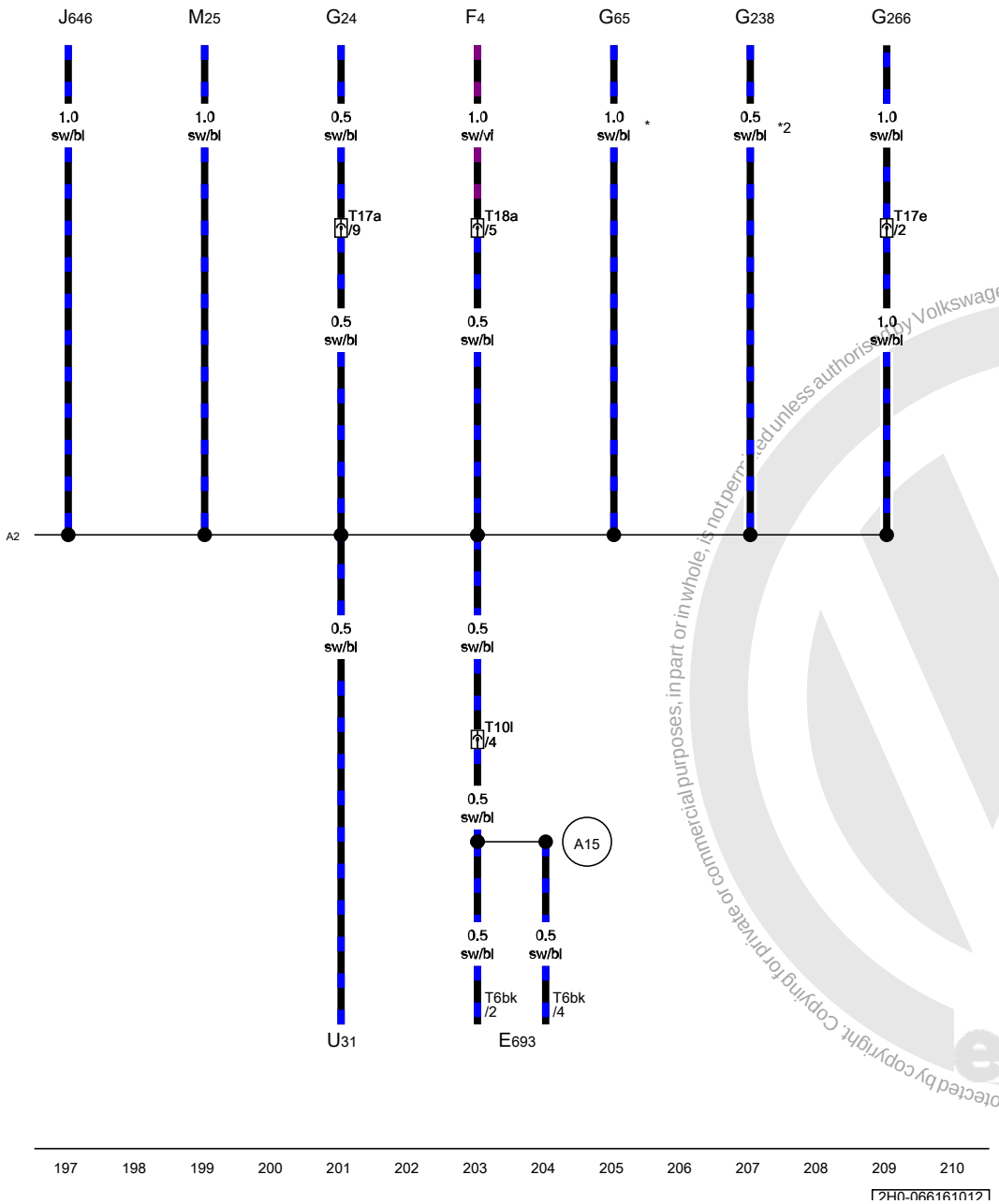

Start/Stop operation button, Reversing light switch, Tachograph, Air quality sensor, Oil level and oil temperature sender, Transfer box control unit, Additional brake light bulb, Diagnostic connection

E693	Start/Stop operation button, in front centre console
F4	Reversing light switch
G24	Tachograph
G65	High-pressure sender
G238	Air quality sensor
G266	Oil level and oil temperature sender
J646	Transfer box control unit
M25	Additional brake light bulb
T6bk	6-pin connector, green
T10l	10-pin connector, blue
T17a	17-pin connector, behind glove compartment, black
T17e	17-pin connector, near handbrake lever, blue
T18a	18-pin connector, near engine control unit, grey
U31	Diagnostic connection
A2	Positive connection (15), in dash panel wiring harness
A15	Positive connection (15), in instrument wiring harness
*	Only models with air conditioning system/ Climatronic
*2	Only models with Climatronic

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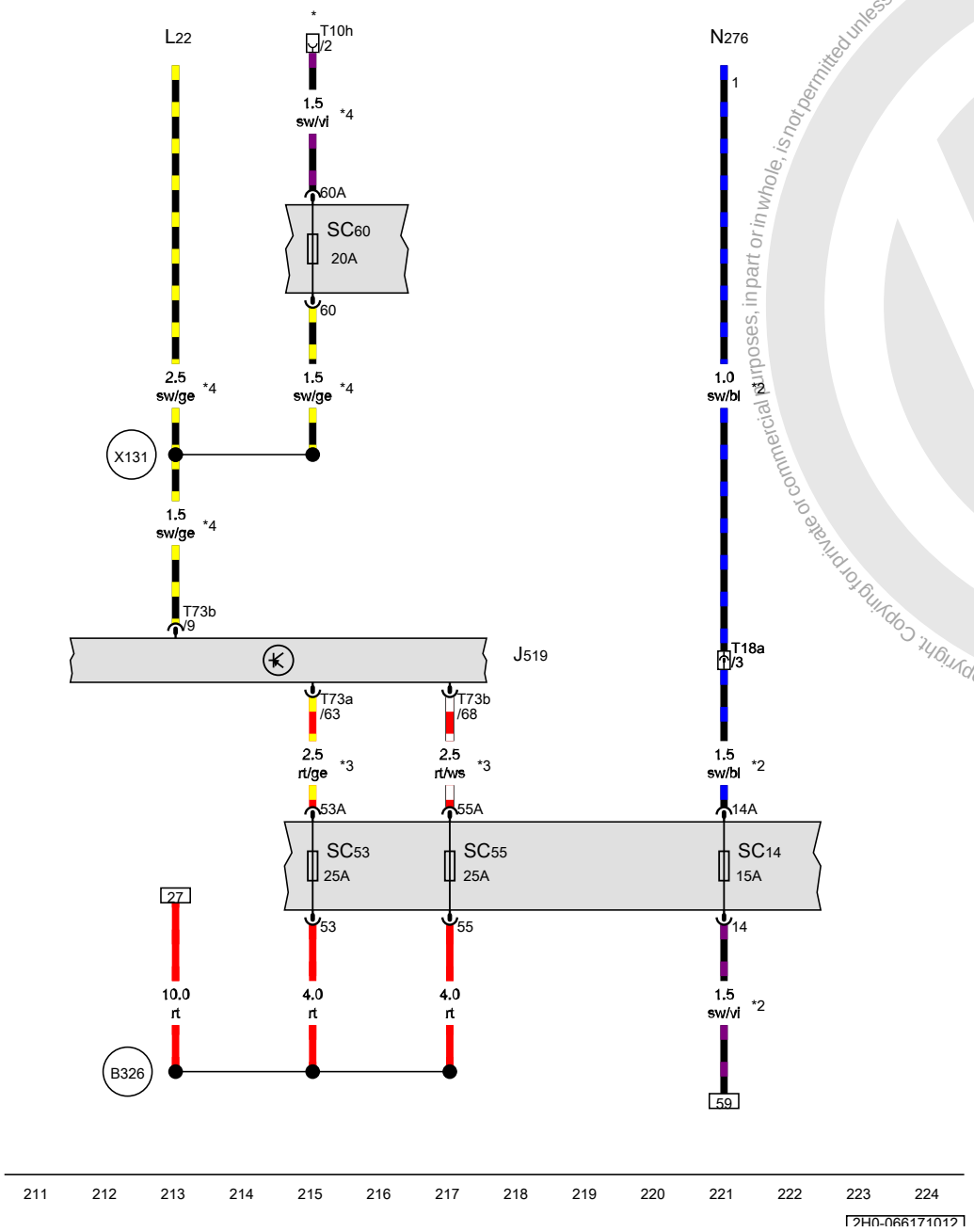

Fuse 14 on fuse holder C, Fuse 53 on fuse holder C, Fuse 55 on fuse holder C

J519	Onboard supply control unit
L22	Left fog light bulb
N276	Fuel pressure regulating valve
SC14	Fuse 14 on fuse holder C
SC53	Fuse 53 on fuse holder C
SC55	Fuse 55 on fuse holder C
SC60	Fuse 60 on fuse holder C
T10h	10-pin connector, in left footwell, near centre console, purple
T18a	18-pin connector, near engine control unit, black
T73a	73-pin connector, black
T73b	73-pin connector, colourless
B326	Positive connection 12 (30a) in main wiring harness
X131	Connection 4, in optional equipment wiring harness
*	Only models with electric interface for external use
*2	Only models with petrol engine
*3	see applicable current flow diagram for exterior lighting
*4	Only models with automatic driving lights control

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sw	=	black
ro	=	red
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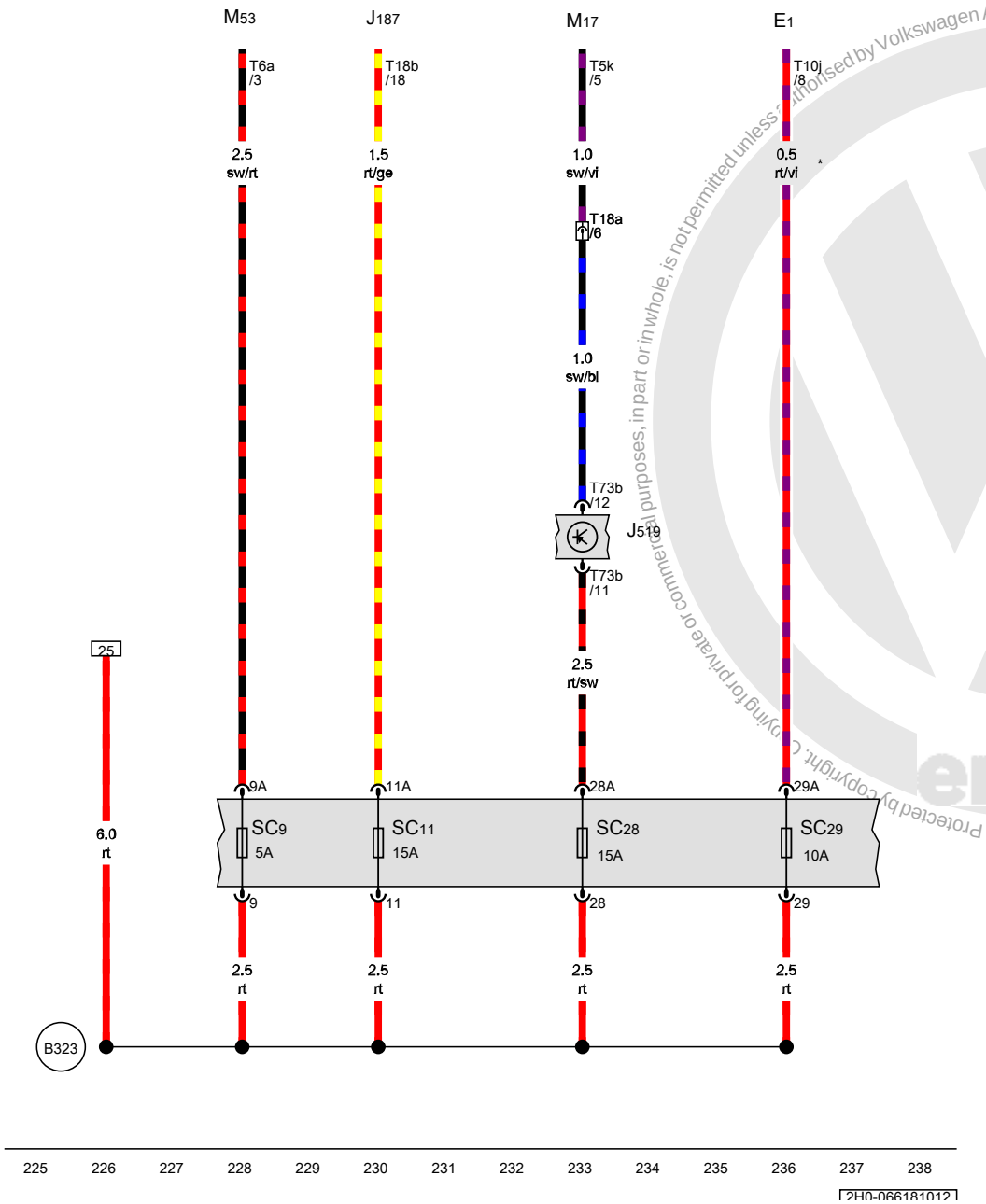
Fuse 9 on fuse holder C, Fuse 11 on fuse holder C, Fuse 28 on fuse holder C, Fuse 29 on fuse holder C



E1	Light switch
J187	Differential lock control unit
J519	Onboard supply control unit
M17	Right reversing light bulb
M53	Load area illumination bulb
SC9	Fuse 9 on fuse holder C
SC11	Fuse 11 on fuse holder C
SC28	Fuse 28 on fuse holder C
SC29	Fuse 29 on fuse holder C
T5k	5-pin connector
T6a	6-pin connector
T10j	10-pin connector, black
T18a	18-pin connector, near engine control unit, near engine control unit, grey
T18b	18-pin connector
T73b	73-pin connector
B323	Positive connection 9 (30a) in main wiring harness
*	Only models with automatic driving lights control

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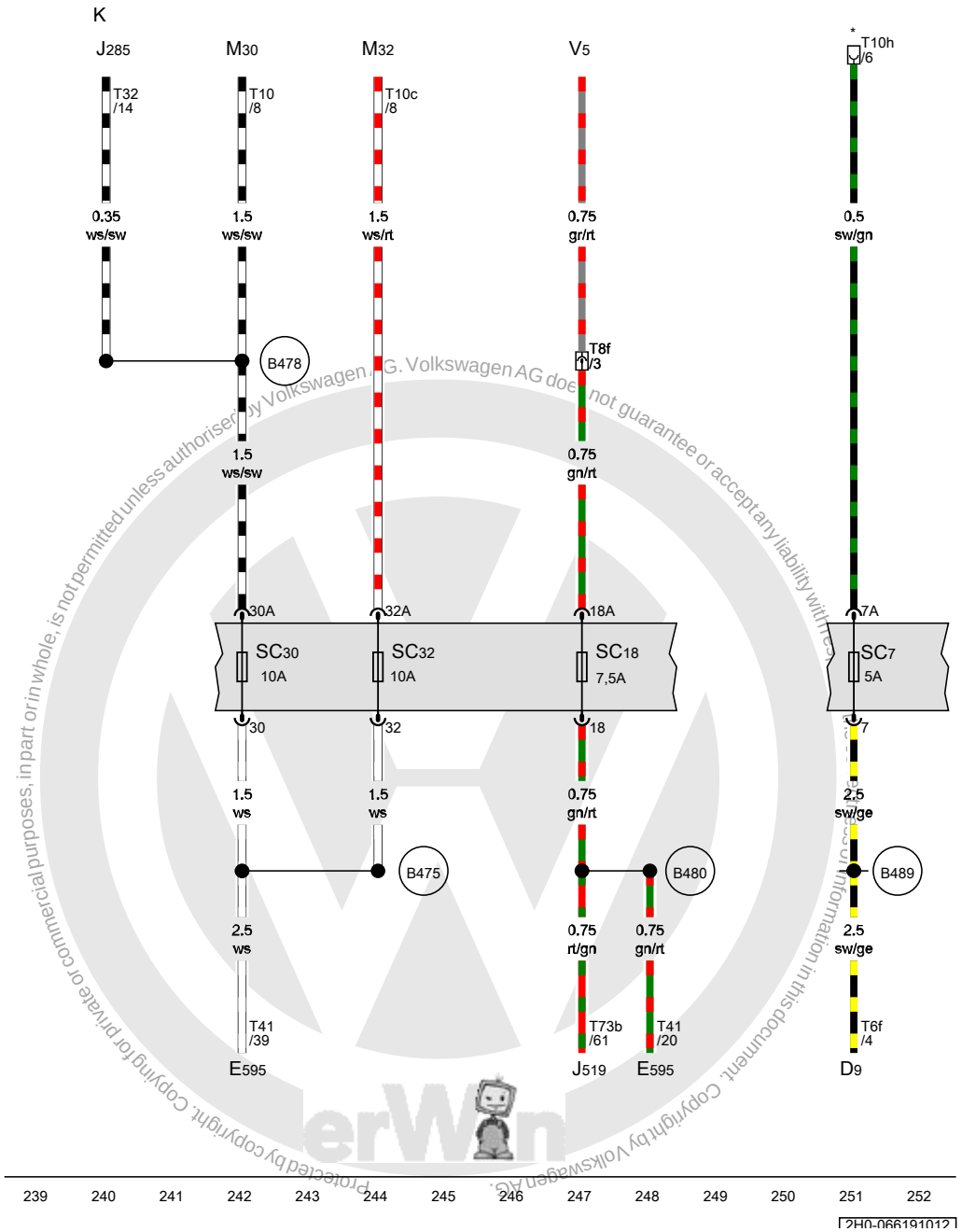

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Fuse 7 on fuse holder C, Fuse 18 on fuse holder C, Fuse 30 on fuse holder C, Fuse 32 on fuse holder C

D9	Electronic ignition lock
E595	Steering column combination switch
J285	Control unit in dash panel insert
J519	Onboard supply control unit
K	Dash panel insert
M30	Left headlight main beam bulb
M32	Right headlight main beam bulb
SC7	Fuse 7 on fuse holder C
SC18	Fuse 18 on fuse holder C
SC30	Fuse 30 on fuse holder C
SC32	Fuse 32 on fuse holder C
T6f	6-pin connector, black
T8f	8-pin connector, in rear right of engine compartment, black
T10	10-pin connector, black
T10c	10-pin connector, black
T10h	10-pin connector, in left footwell, near centre console, purple
T32	32-pin connector, blue
T41	41-pin connector, grey
T73b	73-pin connector, colourless
V5	Washer pump
B475	Connection 11, in main wiring harness
B478	Connection 14, in main wiring harness
B480	Connection 16, in main wiring harness
B489	Connection 25, in main wiring harness
*	Only models with electric interface for external use

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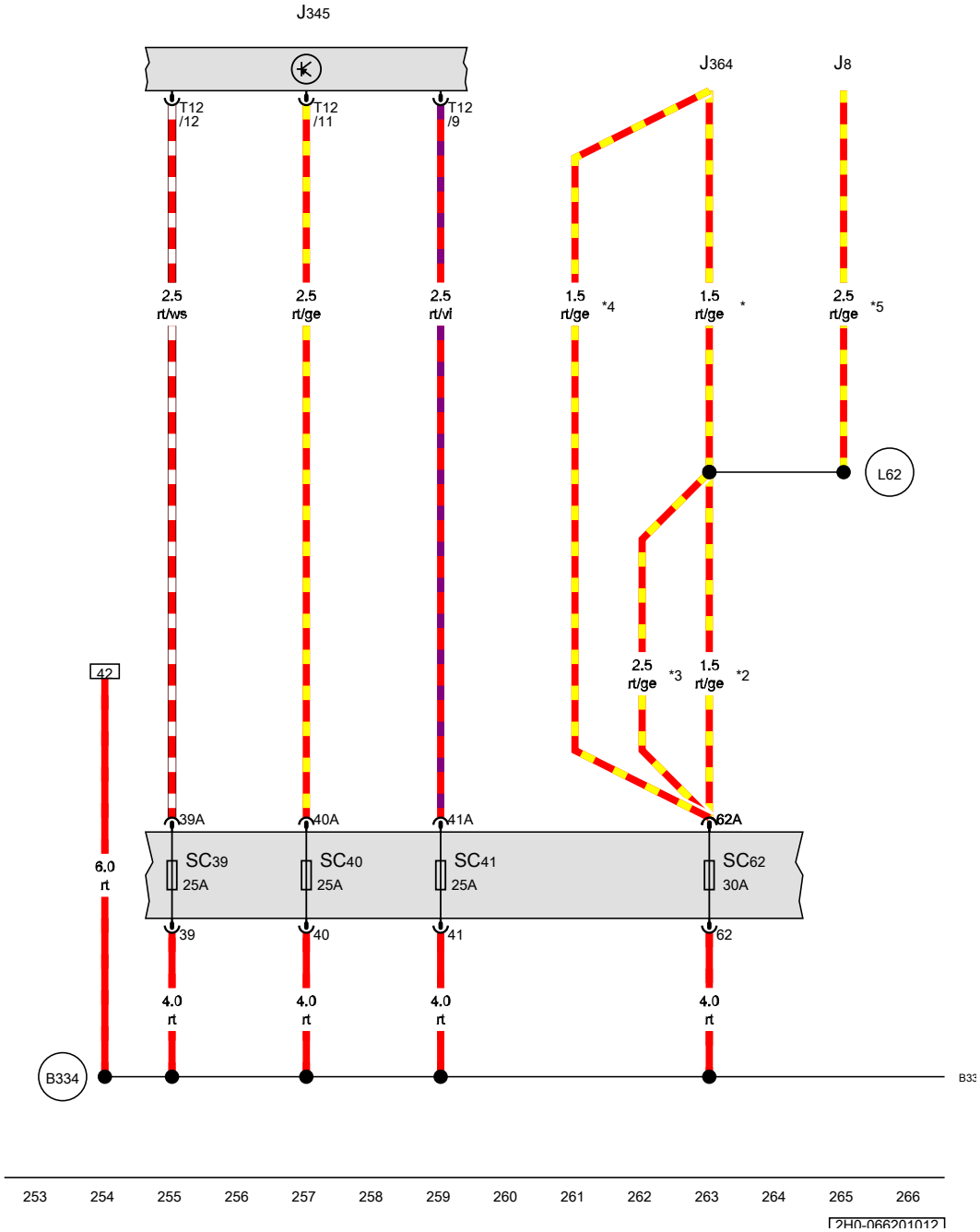

Fuse 39 on fuse holder C, Fuse 40 on fuse holder C, Fuse 41 on fuse holder C, Fuse 62 on fuse holder C

J8	Auxiliary heater relay
J345	Trailer detector control unit
J364	Auxiliary heater control unit
SC39	Fuse 39 on fuse holder C
SC40	Fuse 40 on fuse holder C
SC41	Fuse 41 on fuse holder C
SC62	Fuse 62 on fuse holder C
T12	12-pin connector, red
B334	Positive connection 20 (30a) in main wiring harness
L62	Positive connection (30a), in auxiliary heater wiring harness
*	Only models with air conditioning system/ Climatronic
*2	Only models with Climatronic
*3	Only models with Climatic
*4	Only models with no air conditioning system/Climatronic
*5	see applicable current flow diagram for auxiliary coolant heater

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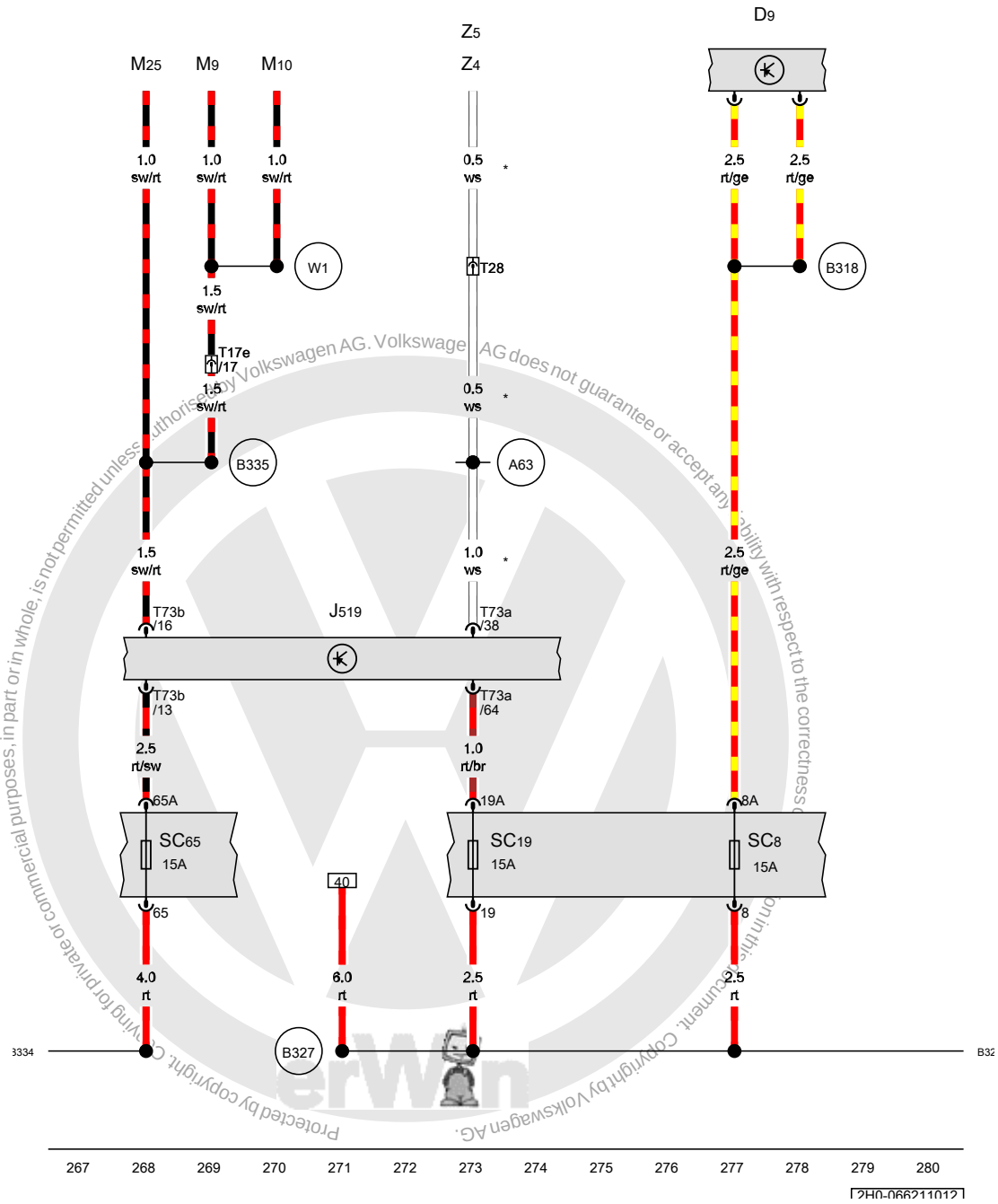

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bl = blue
gr = grey
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Fuse 8 on fuse holder C, Fuse 19 on fuse holder C, Fuse 65 on fuse holder C

D9	Electronic ignition lock
J519	Onboard supply control unit
M9	Left brake light bulb
M10	Right brake light bulb
M25	Additional brake light bulb
SC8	Fuse 8 on fuse holder C
SC19	Fuse 19 on fuse holder C
SC65	Fuse 65 on fuse holder C
T17e	17-pin connector, near handbrake lever, blue
T28	28-pin connector, near A-pillar
T73a	73-pin connector, black
T73b	73-pin connector, colourless
Z4	Heated exterior mirror on driver side
Z5	Heated exterior mirror on front passenger side
A63	Connection (mirror adjustment/heating), in dash panel wiring harness
B318	Positive connection 4 (30a) in main wiring harness
B327	Positive connection 13 (30a) in main wiring harness
B334	Positive connection 20 (30a) in main wiring harness
B335	Connection 1 (54), in main wiring harness
W1	Positive connection 1 (54), in rear wiring harness
*	see applicable current flow diagram for window regulators/ basic equipment/ convenience system

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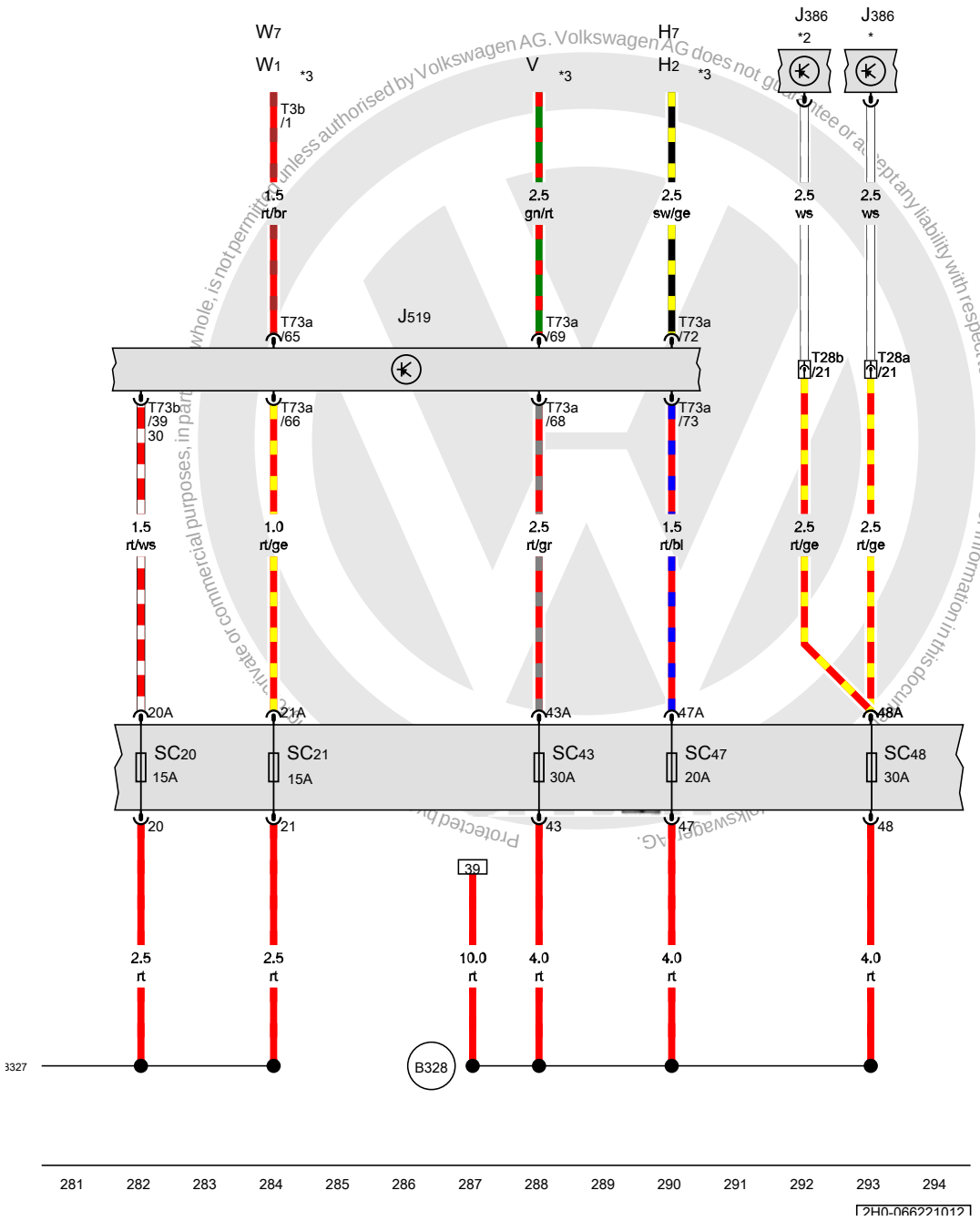

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Fuse 20 on fuse holder C, Fuse 21 on fuse holder C, Fuse 43 on fuse holder C, Fuse 47 on fuse holder C, Fuse 48 on fuse holder C

H2	Treble horn
H7	Bass horn
J386	Driver door control unit
J519	Onboard supply control unit
SC20	Fuse 20 on fuse holder C
SC21	Fuse 21 on fuse holder C
SC43	Fuse 43 on fuse holder C
SC47	Fuse 47 on fuse holder C
SC48	Fuse 48 on fuse holder C
T3b	3-pin connector
T28a	28-pin connector, in left A-pillar
T28b	28-pin connector, on right A-pillar
T73a	73-pin connector, black
T73b	73-pin connector, colourless
V	Windscreen wiper motor
W1	Front interior light
W7	Centre interior light
B327	Positive connection 13 (30a) in main wiring harness
B328	Positive connection 14 (30a) in main wiring harness
*	Only left-hand drive models
*2	Only right-hand drive models
*3	see applicable current flow diagram for basic equipment

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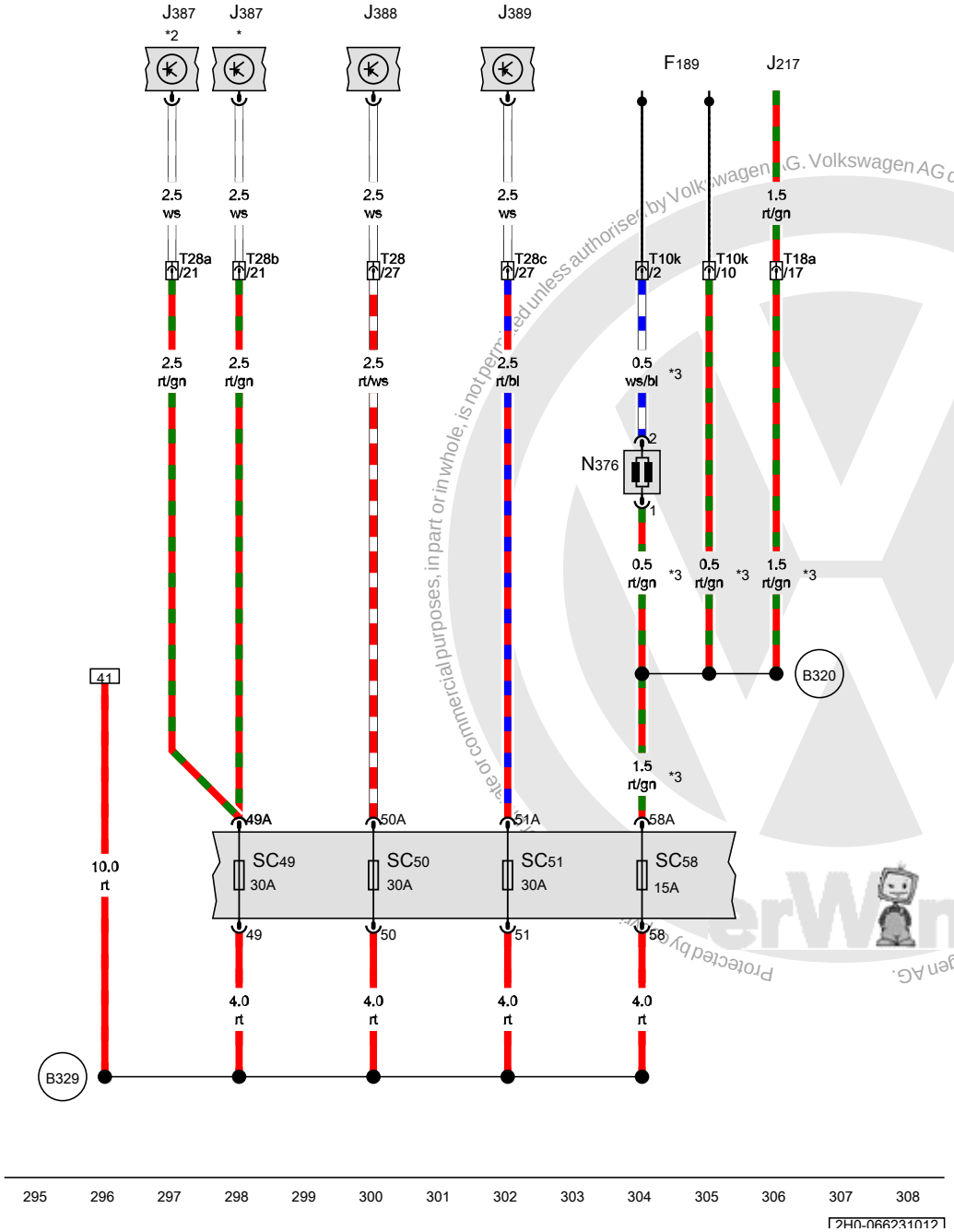

Fuse 49 on fuse holder C, Fuse 50 on fuse holder C, Fuse 51 on fuse holder C, Fuse 58 on fuse holder C

F189	Tiptronic switch
J217	Automatic gearbox control unit
J387	Front passenger door control unit
J388	Rear left door control unit
J389	Rear right door control unit
N376	Ignition key withdrawal lock solenoid
SC49	Fuse 49 on fuse holder C
SC50	Fuse 50 on fuse holder C
SC51	Fuse 51 on fuse holder C
SC58	Fuse 58 on fuse holder C
T10k	10-pin connector, in left footwell, near centre console, purple
T18a	18-pin connector, near engine control unit, grey
T28	28-pin connector, near A-pillar
T28a	28-pin connector, in left A-pillar
T28b	28-pin connector, on right A-pillar
T28c	28-pin connector
B320	Positive connection 6 (30a) in main wiring harness
B329	Positive connection 15 (30a) in main wiring harness
*	Only left-hand drive models
*2	Only right-hand drive models
*3	Only models with automatic gearbox

ws	=	white
sw	=	black
ro	=	red
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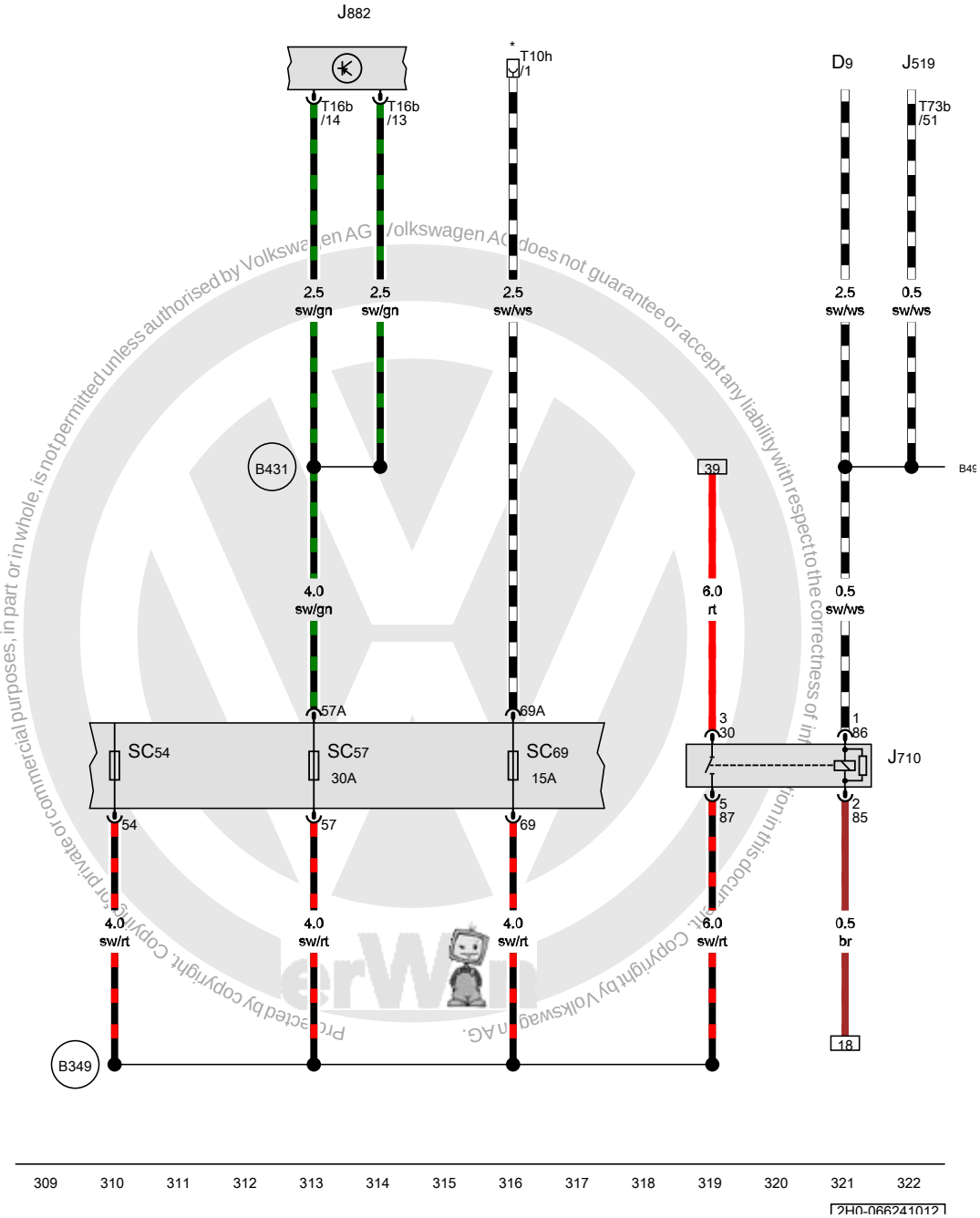

Voltage supply relay 2, Fuse 57 on fuse holder C, Fuse 69 on fuse holder C

D9	Electronic ignition lock
J519	Onboard supply control unit
J710	Voltage supply relay 2
J882	Seat heating control unit
SC54	Fuse 54 on fuse holder C
SC57	Fuse 57 on fuse holder C
SC69	Fuse 69 on fuse holder C
T10h	10-pin connector, in left footwell, near centre console, purple
T16b	16-pin connector, black
T73b	73-pin connector, colourless
B349	Connection 2 (75a), in main wiring harness
B431	Connection (seat heating), in main wiring harness
B490	Connection 26, in main wiring harness
*	Only models with electric interface for external use

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sw	=	black
ro	=	red
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gn	=	green
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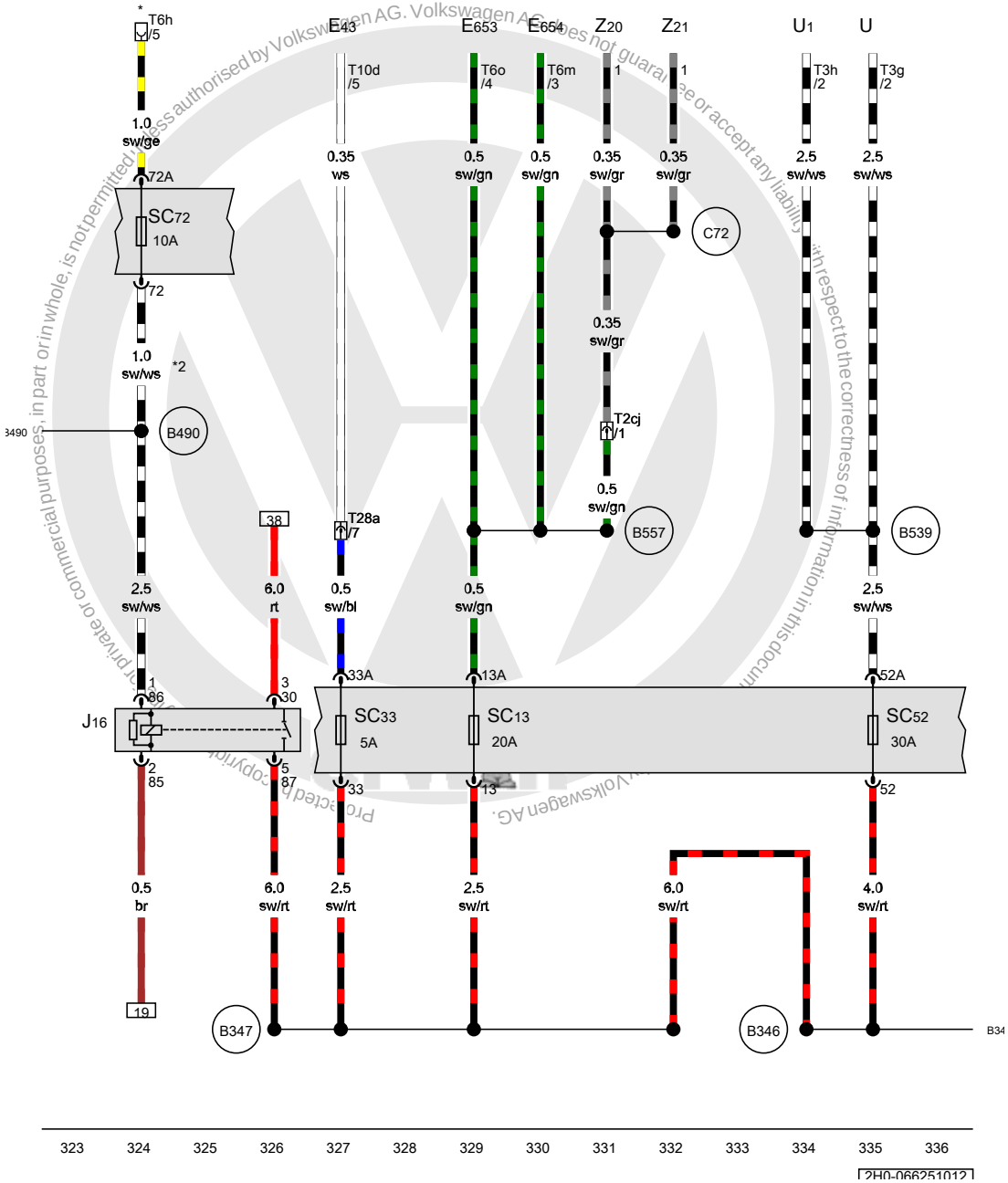

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Current supply relay, Fuse 13 on fuse holder C, Fuse 33 on fuse holder C, Fuse 52 on fuse holder C, Fuse 72 on fuse holder C

E43	Mirror adjustment switch, in driver door
E653	Button for left seat heating, on centre console switch module
E654	Button for right seat heating, on centre console switch module
J16	Current supply relay
SC13	Fuse 13 on fuse holder C
SC33	Fuse 33 on fuse holder C
SC52	Fuse 52 on fuse holder C
SC72	Fuse 72 on fuse holder C
T2cj	2-pin connector
T3g	3-pin connector, transparent
T3h	3-pin connector, transparent
T6h	6-pin connector, in left footwell, near centre console, grey
T6m	6-pin connector, white
T6o	6-pin connector, blue
T10d	10-pin connector, black
T28a	28-pin connector, in left A-pillar
U	Electric socket, on centre console switch module
U1	Cigarette lighter, on centre console switch module
Z20	Left washer jet heater element
Z21	Right washer jet heater element
B346	Connection 1 (75), in main wiring harness
B347	Connection 2 (75), in main wiring harness
B490	Connection 26, in main wiring harness
B539	Connection 30, in main wiring harness
B557	Positive connection 21 (30a) in main wiring harness
C72	Positive connection in heated washer jet wiring harness
*	Only models with electric interface for external use
*2	Only models with fog lights

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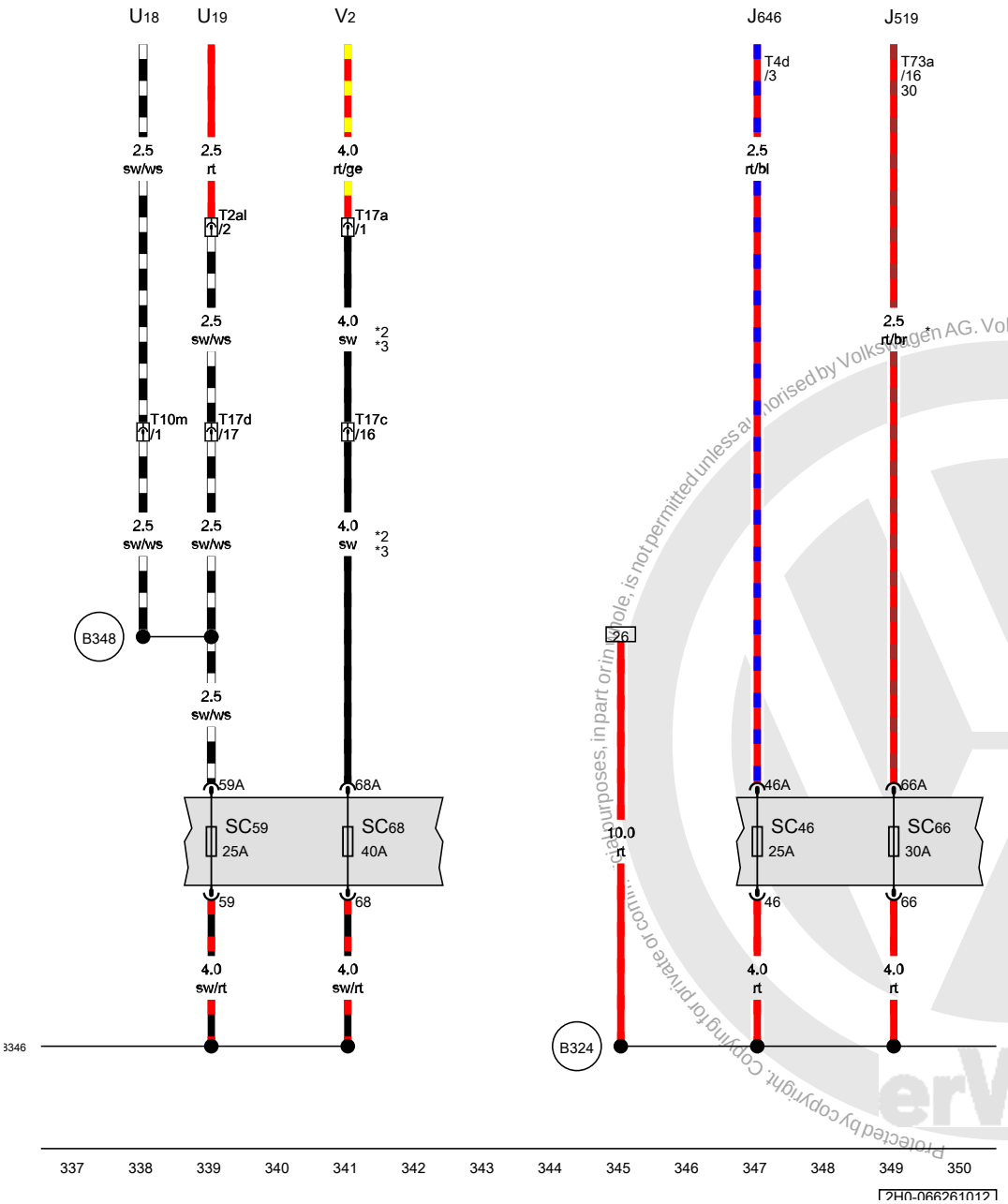
Fuse 46 on fuse holder C, Fuse 59 on fuse holder C, Fuse 66 on fuse holder C, Fuse 68 on fuse holder C

J519	Onboard supply control unit
J646	Transfer box control unit
SC46	Fuse 46 on fuse holder C
SC59	Fuse 59 on fuse holder C
SC66	Fuse 66 on fuse holder C
SC68	Fuse 68 on fuse holder C
T2al	2-pin connector, in rear left wheel housing, black
T4d	4-pin connector
T10m	10-pin connector, near handbrake lever, brown
T17a	17-pin connector, behind glove compartment, black
T17c	17-pin connector, on left under dash panel, black
T17d	17-pin connector, on left under dash panel, red
T73a	73-pin connector, black
U18	12 V socket 2, in centre of dash panel, in storage compartment
U19	12 V socket 3, in rear left wheel housing
V2	Fresh air blower
B324	Positive connection 10 (30a) in main wiring harness
B346	Connection 1 (75), in main wiring harness
B348	Connection 1 (75a), in main wiring harness
*	Only models with central locking
*2	see applicable current flow diagram for manually controlled heater
*3	Only models with no Climatronic



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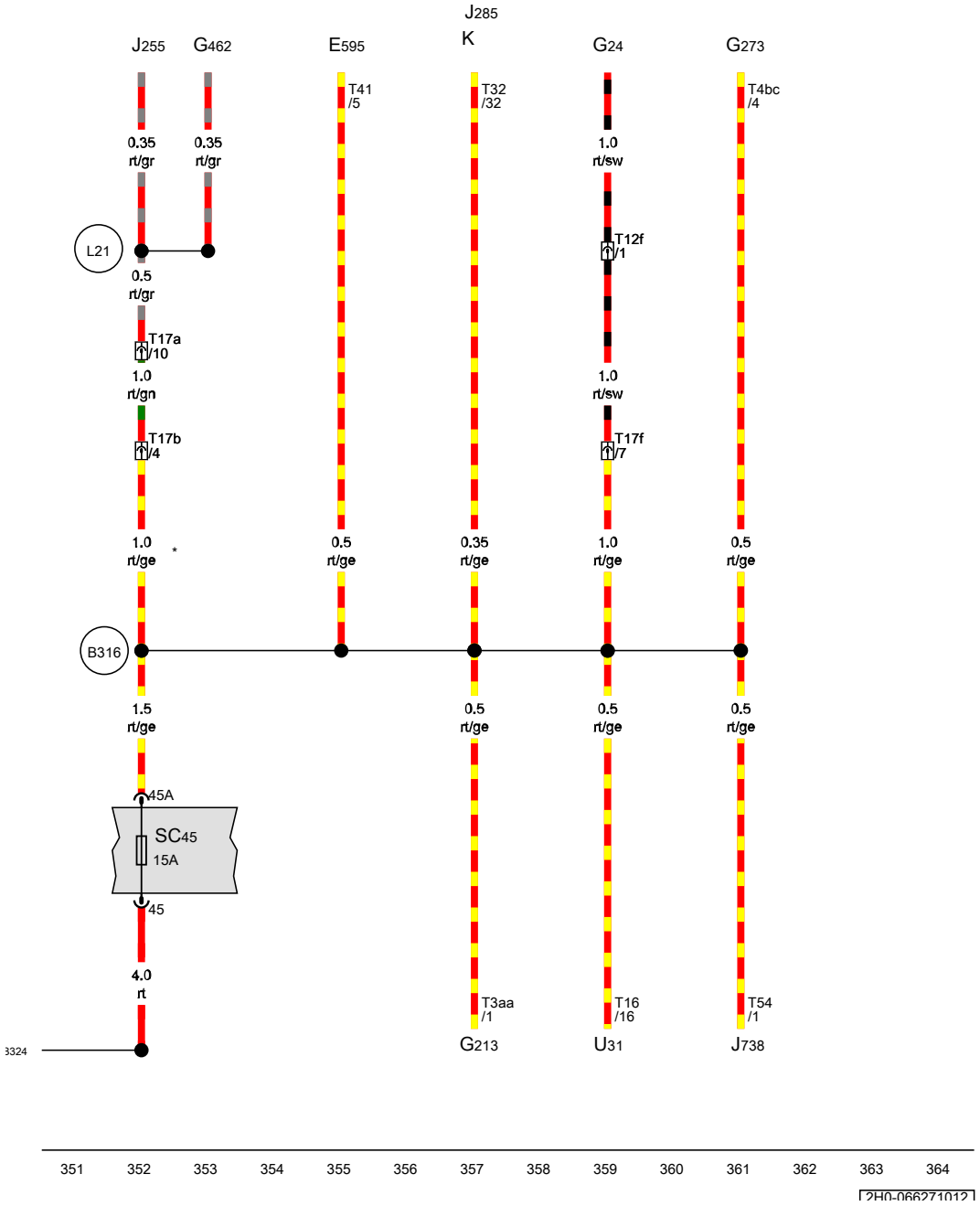

Steering column combination switch, Rain sensor, Interior monitoring sensor, Telephone controls control unit, Dash panel insert, Fuse 45 on fuse holder C, Diagnostic connection

E595	Steering column combination switch
G24	Tachograph
G213	Rain sensor
G273	Interior monitoring sensor
G462	Sender for front Bitron blower regulation
J255	Climatronic control unit
J285	Control unit in dash panel insert
J738	Telephone controls control unit
K	Dash panel insert
SC45	Fuse 45 on fuse holder C
T3aa	3-pin connector, black
T4bc	4-pin connector, brown
T12f	12-pin connector, near handbrake lever, black
T16	16-pin connector, black
T17a	17-pin connector, behind glove compartment, black
T17b	17-pin connector, on left under dash panel, brown
T17f	17-pin connector, near handbrake lever, blue
T32	32-pin connector, blue
T41	41-pin connector, grey
T54	54-pin connector
U31	Diagnostic connection
B316	Positive connection 2 (30a) in main wiring harness
B324	Positive connection 10 (30a) in main wiring harness
L21	Connection 1 (30), in Climatronic operating unit wiring harness
*	Only models with Climatronic

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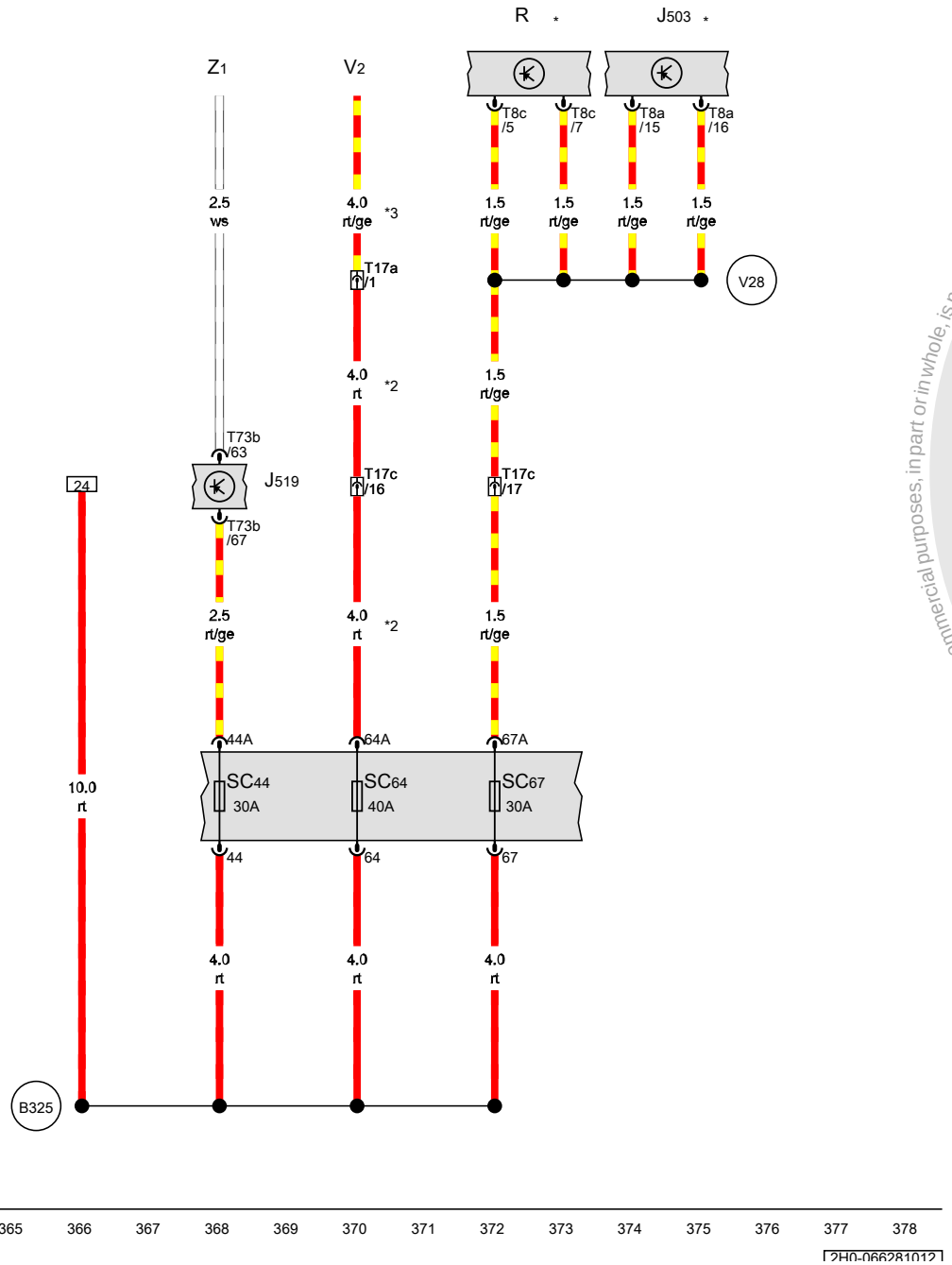

Fuse 44 on fuse holder C, Fuse 64 on fuse holder C, Fuse 67 on fuse holder C

J503	Control unit with display for radio and navigation
J519	Onboard supply control unit
R	Radio
SC44	Fuse 44 on fuse holder C
SC64	Fuse 64 on fuse holder C
SC67	Fuse 67 on fuse holder C
T8a	8-pin connector, black
T8c	8-pin connector, black
T17a	17-pin connector, behind glove compartment, black
T17c	17-pin connector, on left under dash panel, black
T73b	73-pin connector, colourless
V2	Fresh air blower
Z1	Heated rear window
B325	Positive connection 11 (30a) in main wiring harness
V28	Connection 1, in radio wiring harness
*	According to equipment
*2	Only models with Climatronic
*3	see applicable current flow diagram

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Parking aid (PDC)

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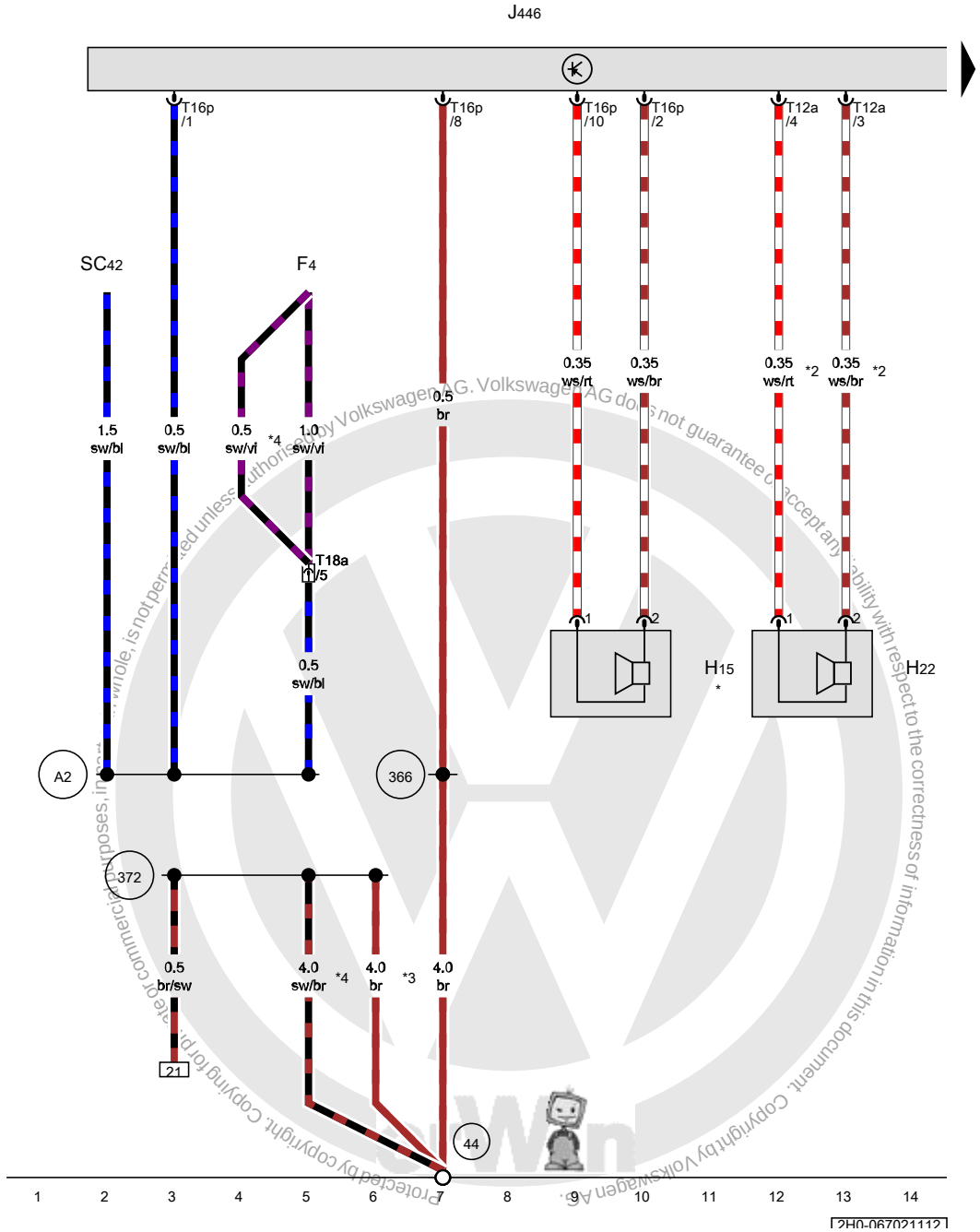

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Rear parking aid warning buzzer, Front parking aid warning buzzer, Parking aid control unit

F4	Reversing light switch
H15	Rear parking aid warning buzzer, behind right C-pillar trim
H22	Front parking aid warning buzzer, on relay carrier
J446	Parking aid control unit, lower part of A-pillar, front passenger side
SC42	Fuse 42 on fuse holder C
T12a	12-pin connector, brown
T16p	16-pin connector, brown
T18a	18-pin connector, near engine control unit, grey
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
372	Earth connection 7, in main wiring harness
A2	Positive connection (15), in dash panel wiring harness
*	Only models with double cab
*2	Only models with parking aid, front/rear
*3	Up to January 2013
*4	From February 2013

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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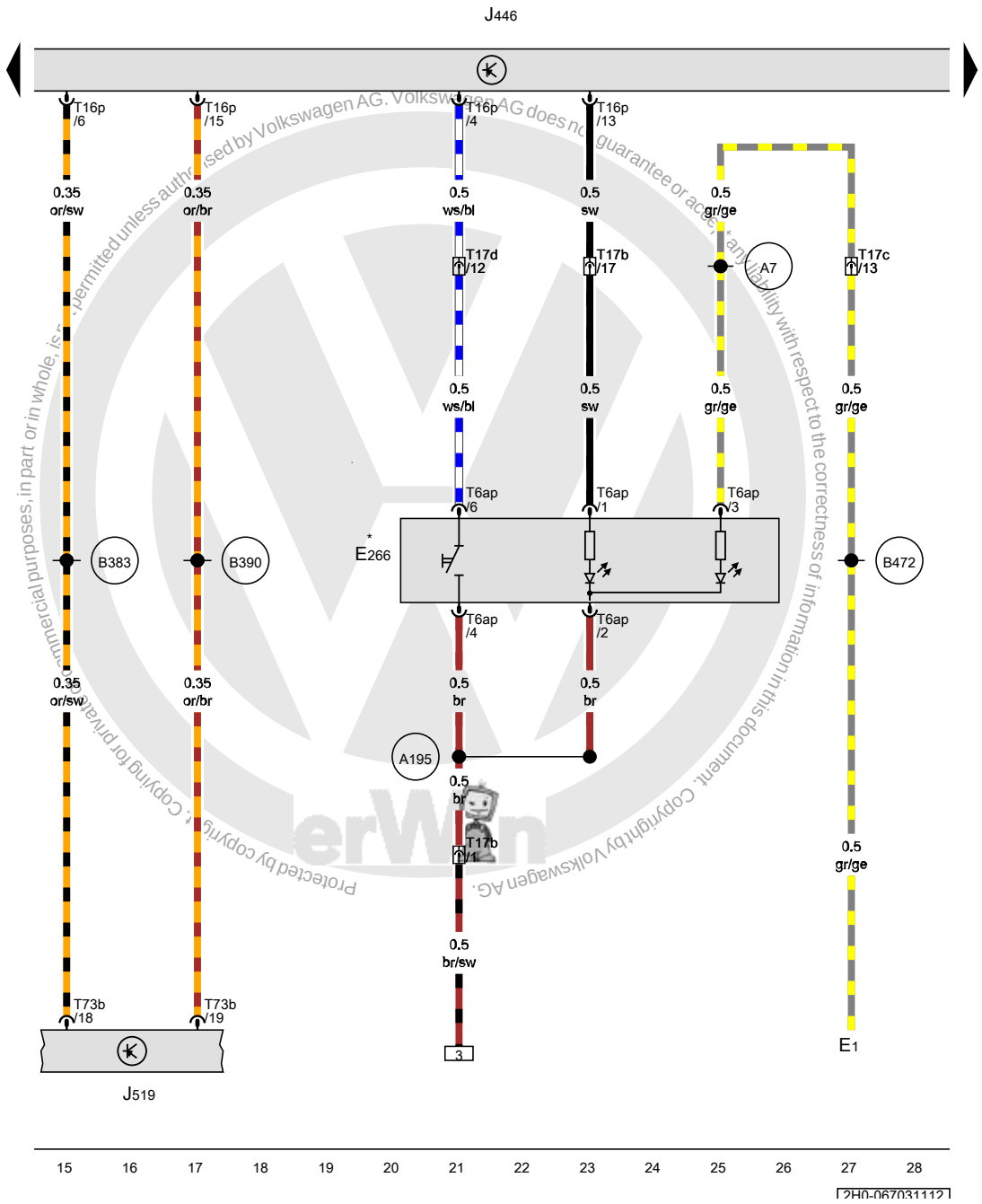

Parking aid button, Parking aid control unit

E1	Light switch
E266	Parking aid button
J446	Parking aid control unit, lower part of A-pillar, front passenger side
J519	Onboard supply control unit
T6ap	6-pin connector
T16p	16-pin connector, brown
T17b	17-pin connector, on left under dash panel, brown
T17c	17-pin connector, on left under dash panel
T17d	17-pin connector, on left under dash panel
T73b	73-pin connector
A7	Positive connection (58 D1), in dash panel wiring harness
A195	Connection 1 (PDC), in dash panel insert wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B472	Connection 8, in main wiring harness
*	Only models with parking aid, front/rear

ws	=	white
sw	=	black
ro	=	red
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gr	=	grey
li	=	purple
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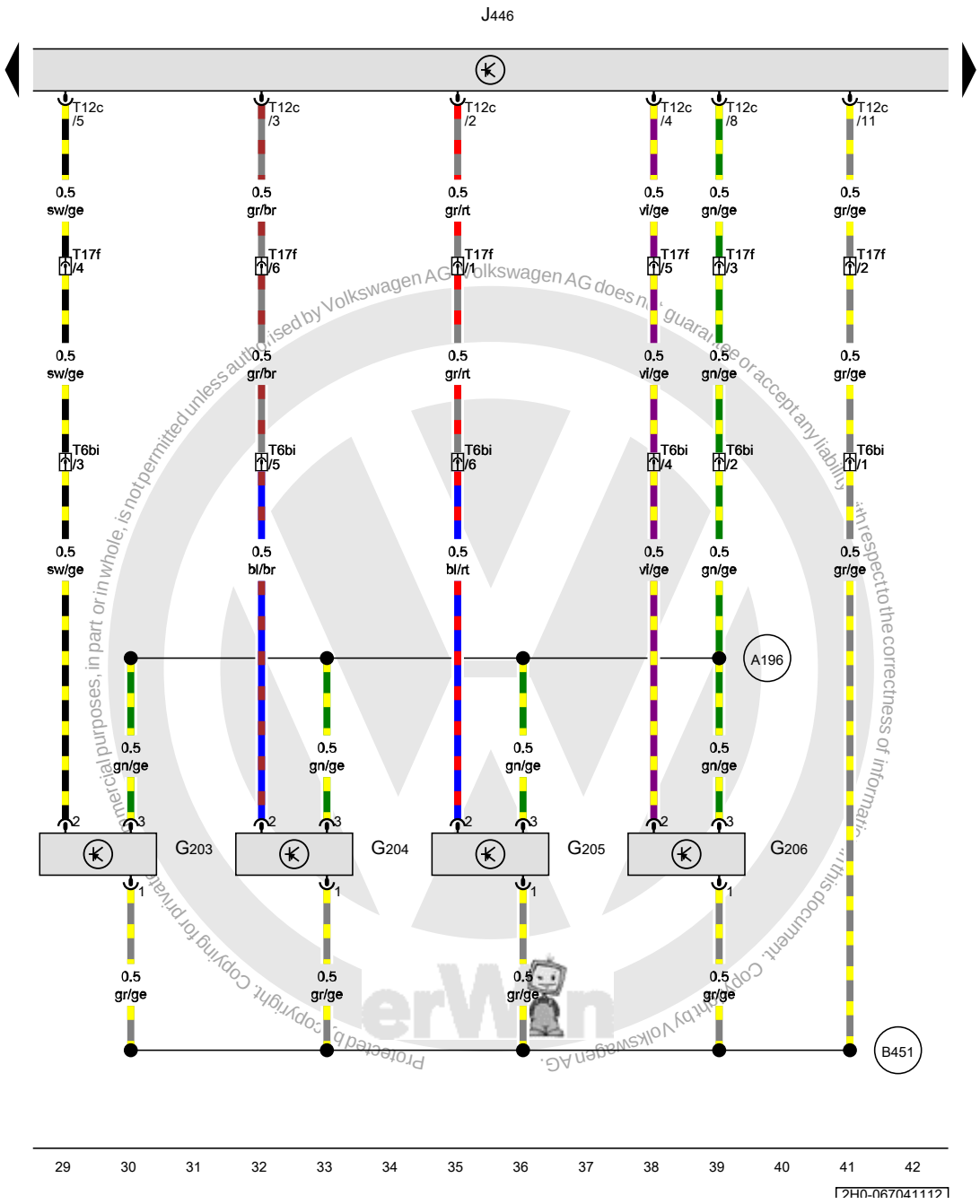

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Rear left parking aid sender, Rear centre left parking aid sender, Rear centre right parking aid sender, Rear right parking aid sender, Parking aid control unit

G203	Rear left parking aid sender
G204	Rear centre left parking aid sender
G205	Rear centre right parking aid sender
G206	Rear right parking aid sender
J446	Parking aid control unit, lower part of A-pillar, front passenger side
T6bi	6-pin connector, under rear bumper on left, black
T12c	12-pin connector, brown
T17f	17-pin connector, near handbrake lever, blue
A196	Connection 2 (PDC), in dash panel insert wiring harness
B451	Connection 2 (PDC), in main wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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or	=	orange
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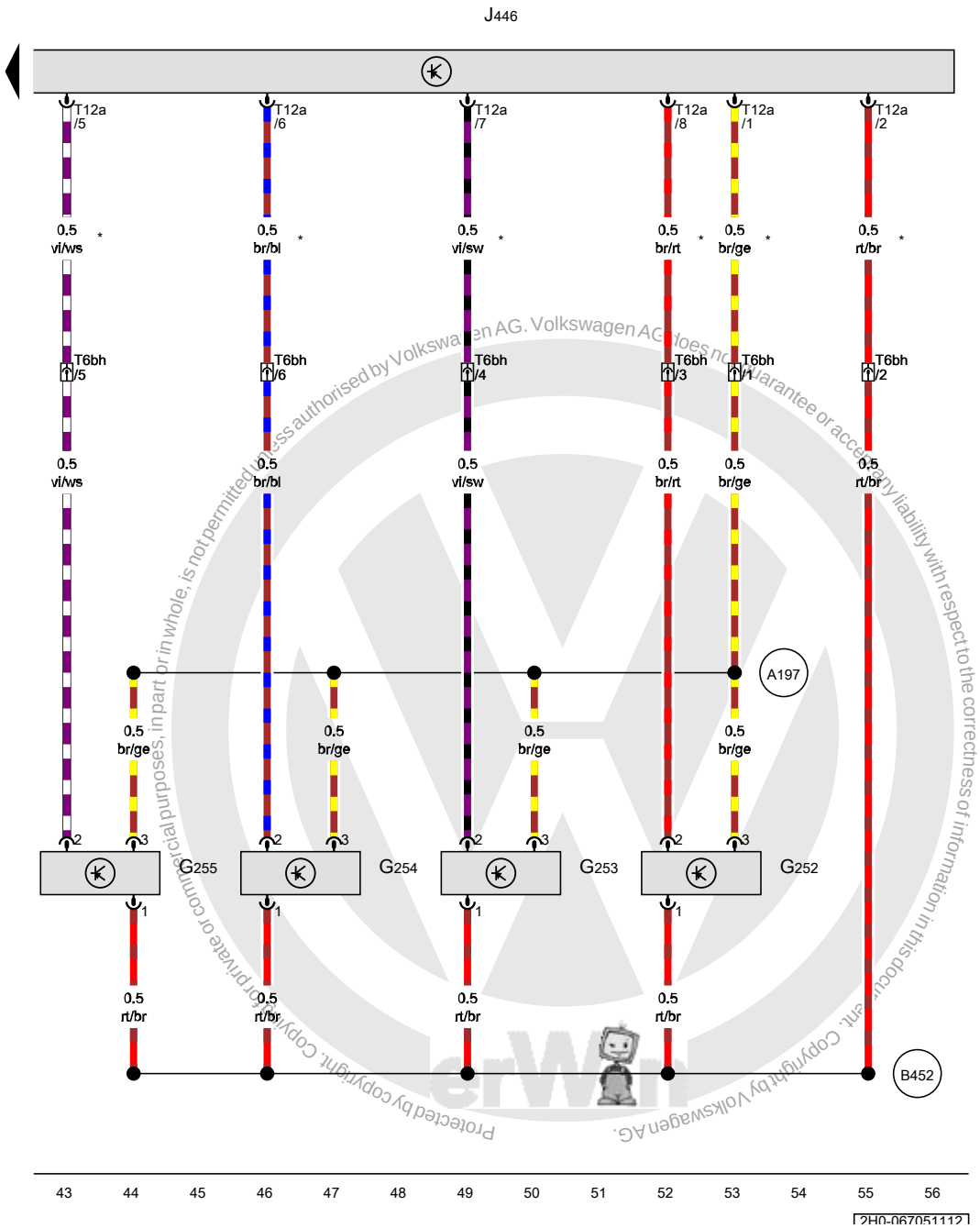

Front right parking aid sender, Front centre right parking aid sender, Front centre left parking aid sender, Front left parking aid sender, Parking aid control unit

G252	Front right parking aid sender
G253	Front centre right parking aid sender
G254	Front centre left parking aid sender
G255	Front left parking aid sender
J446	Parking aid control unit, lower part of A-pillar, front passenger side
T6bh	6-pin connector, behind front bumper on left, black
T12a	12-pin connector, brown
A197	Connection 3 (PDC), in dash panel insert wiring harness
B452	Connection 3 (PDC), in main wiring harness
*	Only models with parking aid, front/rear

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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2.0l diesel engine , CDBA

From June 2012

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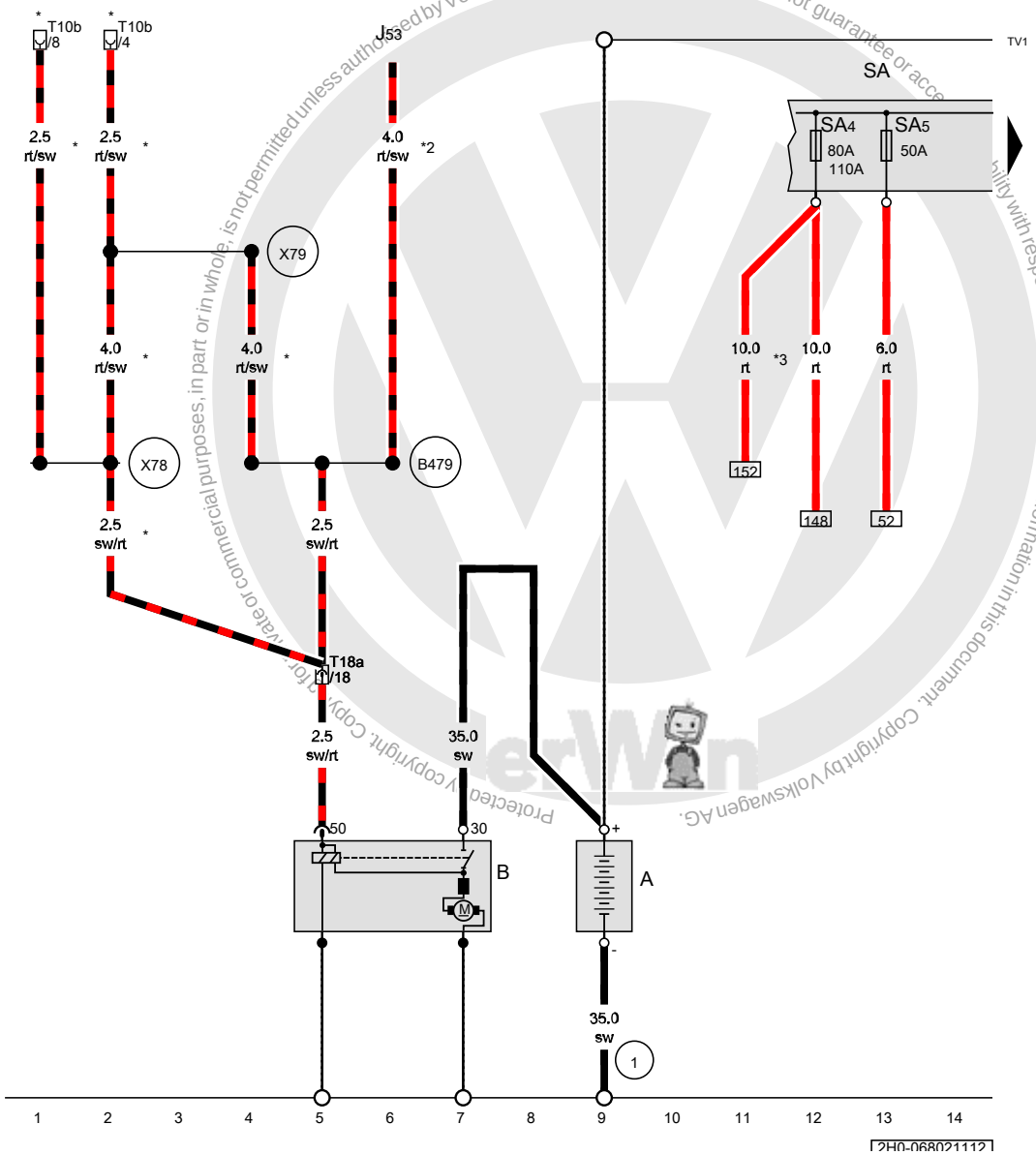
Battery, Starter, Starter motor relay, Fuse 5 in fuse holder A



A	Battery
B	Starter
J53	Starter motor relay
SA	Fuse holder A
SA4	Fuse 4 in fuse holder A
SA5	Fuse 5 in fuse holder A
T10b	10-pin connector, in left footwell, near centre console, yellow
T18a	18-pin connector, near engine control unit, grey
1	Earth strap, battery - body
B479	Connection 15, in main wiring harness
X78	Connection 1, in optional equipment wiring harness
X79	Connection 2, in optional equipment wiring harness
*	Only models with electric interface for external use
*2	see applicable current flow diagram for fuse assignment
*3	Only for countries with hot climate

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
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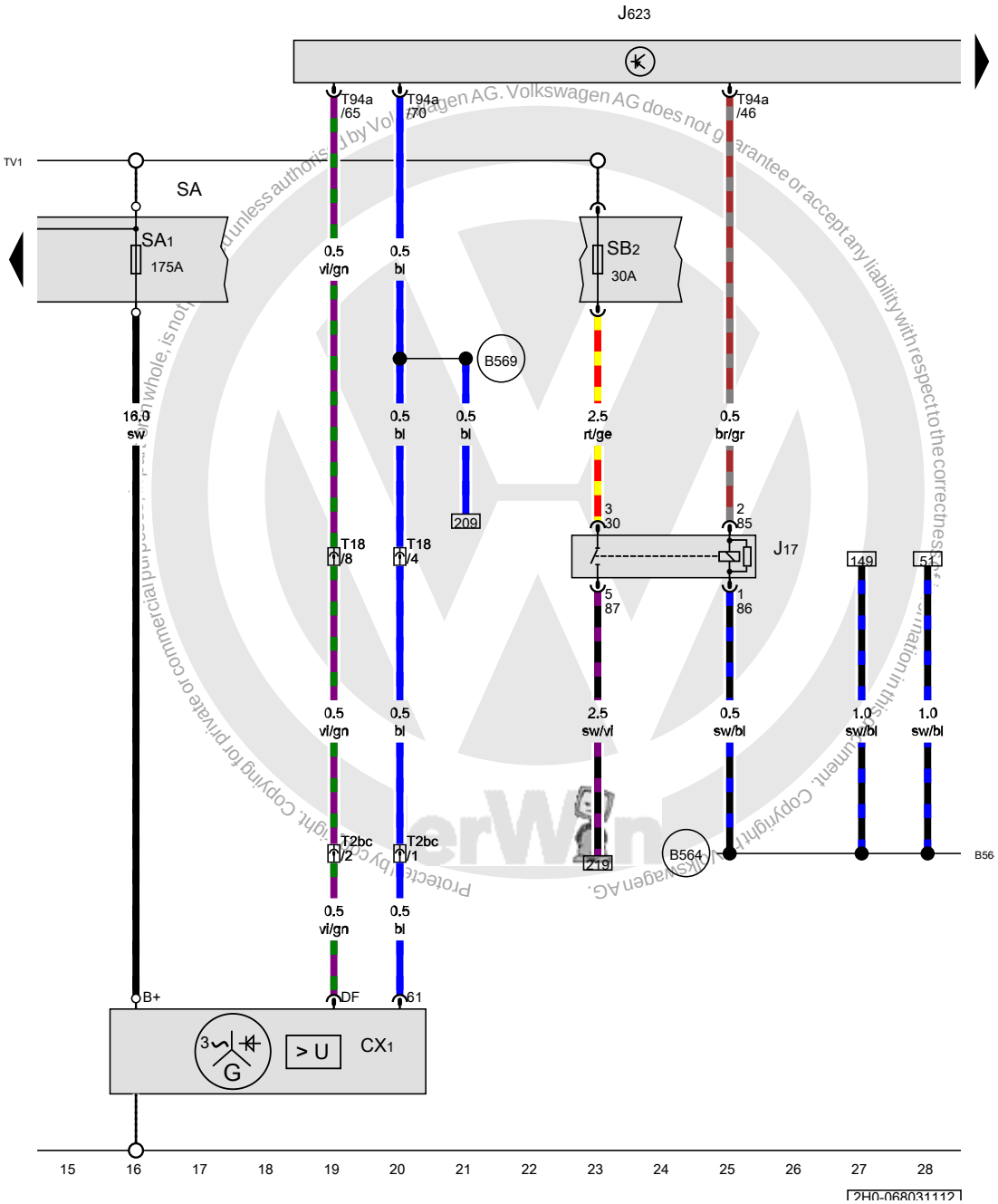

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Alternator with voltage regulator, Fuel pump relay, Engine control unit, Fuse 1 in fuse holder A, Fuse 2 on fuse holder B

CX1	Alternator with voltage regulator
J17	Fuel pump relay
J623	Engine control unit
SA	Fuse holder A
SA1	Fuse 1 in fuse holder A
SB2	Fuse 2 on fuse holder B
T2bc	2-pin connector, near alternator, black
T18	18-pin connector, near engine control unit, black
T94a	94-pin connector, black
B564	Connection 31, in main wiring harness
B569	Connection 36, in main wiring harness

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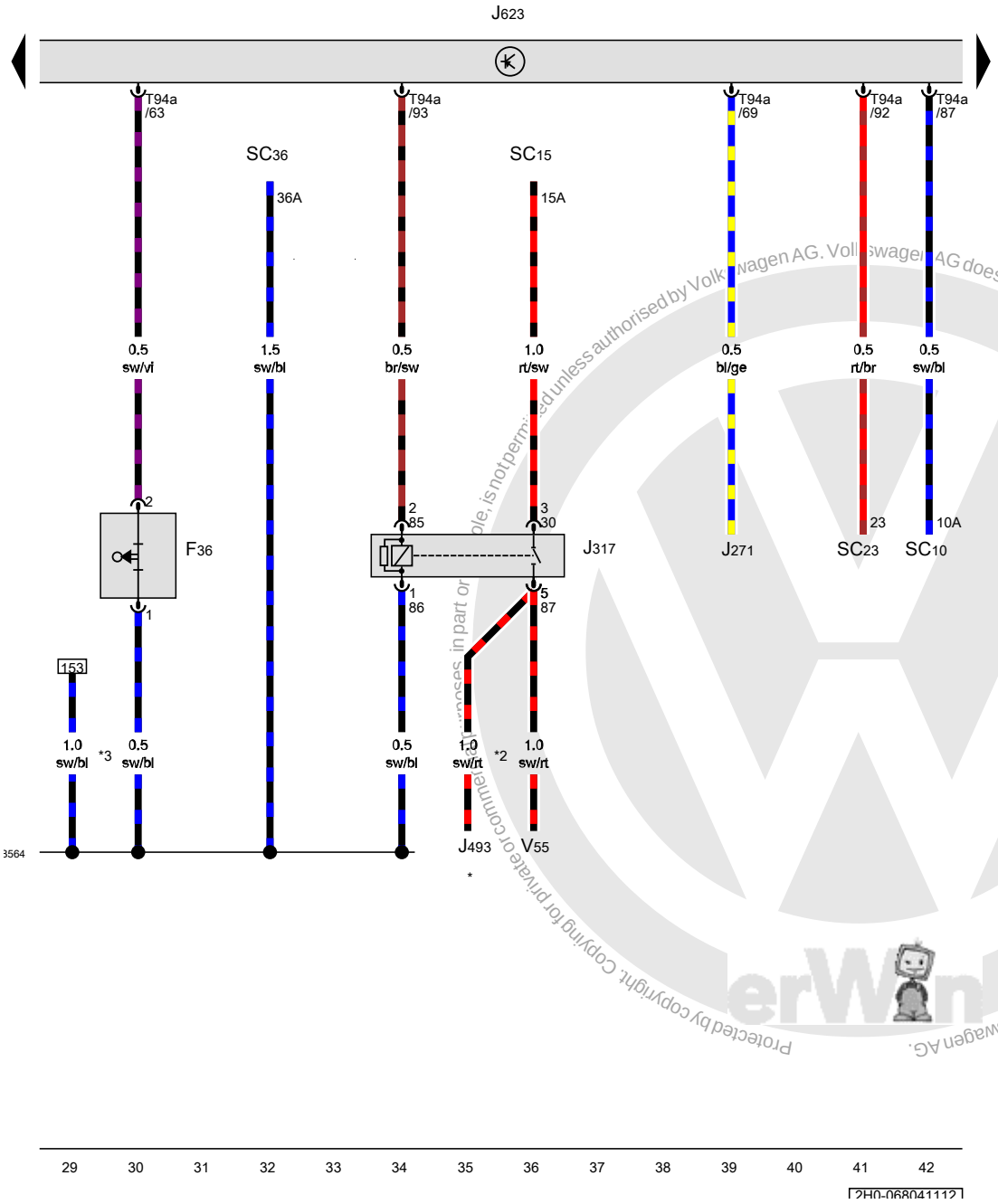

Main relay, Terminal 30 voltage supply relay, Auxiliary coolant heater relay, Engine control unit, Fuse 10 on fuse holder C, Fuse 15 on fuse holder C, Fuse 23 on fuse holder C, Fuse 36 on fuse holder C

F36	Clutch pedal switch
J271	Main relay, on relay carrier
J317	Terminal 30 voltage supply relay, on relay carrier
J493	Auxiliary coolant heater relay
J623	Engine control unit
SC10	Fuse 10 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC23	Fuse 23 on fuse holder C
SC36	Fuse 36 on fuse holder C
T5e	5-pin connector
T94a	94-pin connector, black
V55	Circulation pump
B564	Connection 31, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Only models with Climatronic
*3	Only for countries with hot climate

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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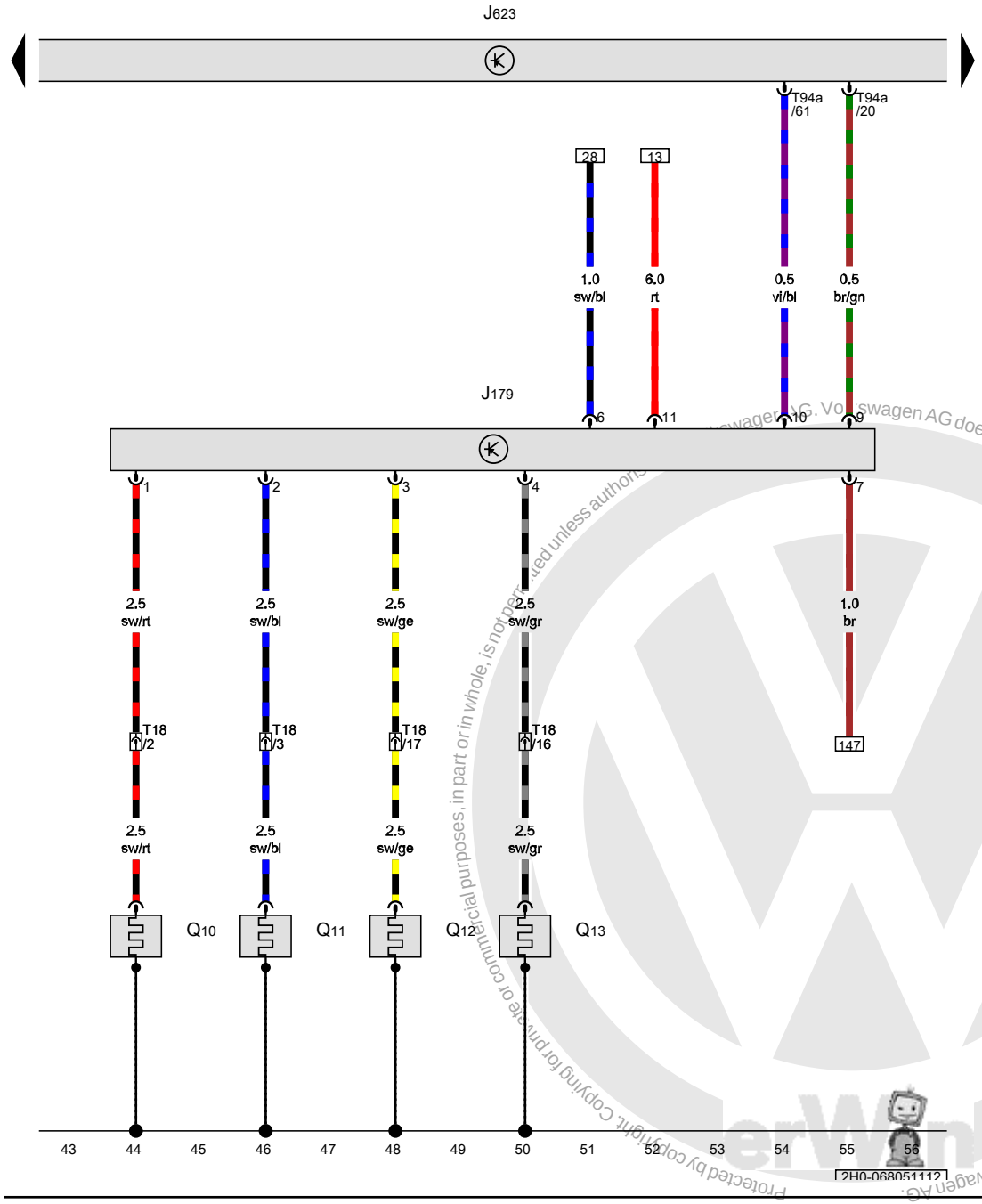
Automatic glow period control unit, Engine control unit, Glow plug 1, Glow plug 2, Glow plug 3, Glow plug 4

J179	Automatic glow period control unit
J623	Engine control unit
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
T18	18-pin connector, near engine control unit, black
T94a	94-pin connector, black



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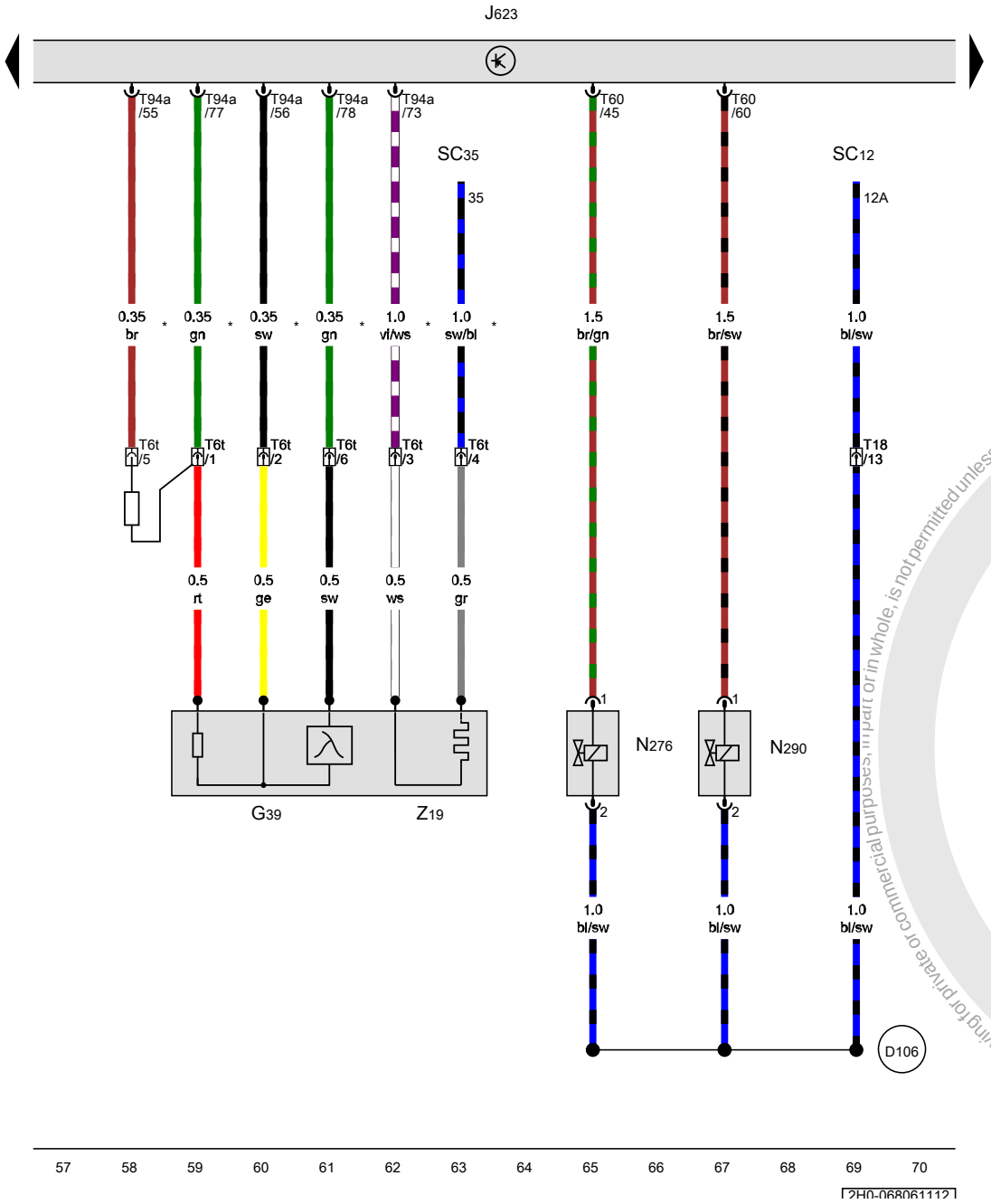

Lambda probe, Engine control unit, Fuel pressure regulating valve, Fuel metering valve, Fuse 12 on fuse holder C, Fuse 35 on fuse holder C

G39	Lambda probe
J623	Engine control unit
N276	Fuel pressure regulating valve
N290	Fuel metering valve
SC12	Fuse 12 on fuse holder C
SC35	Fuse 35 on fuse holder C
T6t	6-pin connector, front right in engine compartment, black
T18	18-pin connector, near engine control unit, black
T60	60-pin connector, black
T94a	94-pin connector, black
Z19	Lambda probe heater
D106	Connection 4 in engine compartment wiring harness
*	Only models with Euro 5 emission standard

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sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
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or	=	orange
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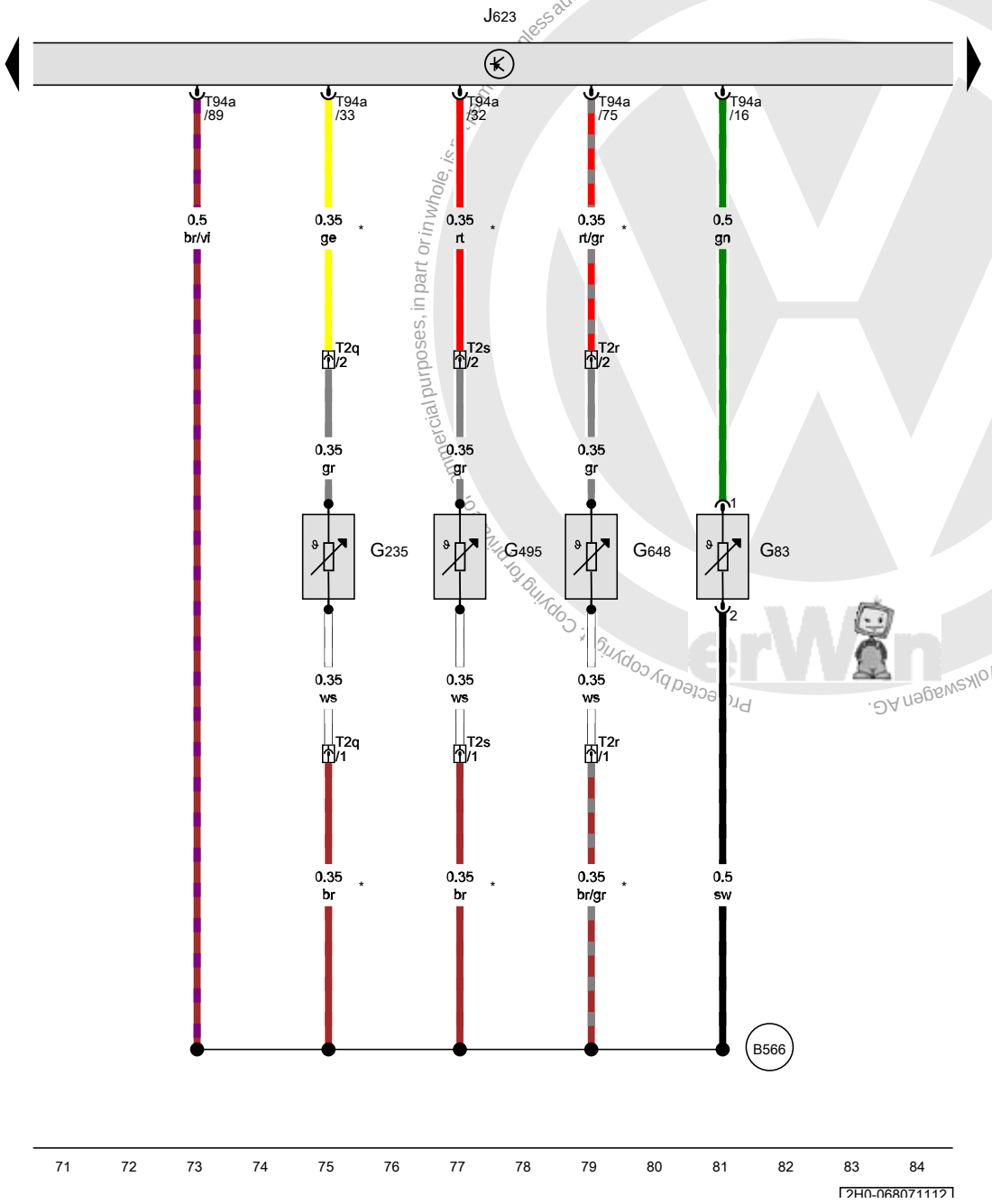

Radiator outlet coolant temperature sender, Exhaust gas temperature sender 1, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Engine control unit

G83	Radiator outlet coolant temperature sender
G235	Exhaust gas temperature sender 1
G495	Exhaust gas temperature sender 3
G648	Exhaust gas temperature sender 4
J623	Engine control unit
T2q	2-pin connector, in front right wheel housing, black
T2r	2-pin connector, in front right wheel housing, orange
T2s	2-pin connector, in front right wheel housing, brown
T94a	94-pin connector, black
B566	Connection 33, in main wiring harness
*	Only models with Euro 5 emission standard

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sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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or	=	orange
rs	=	pink

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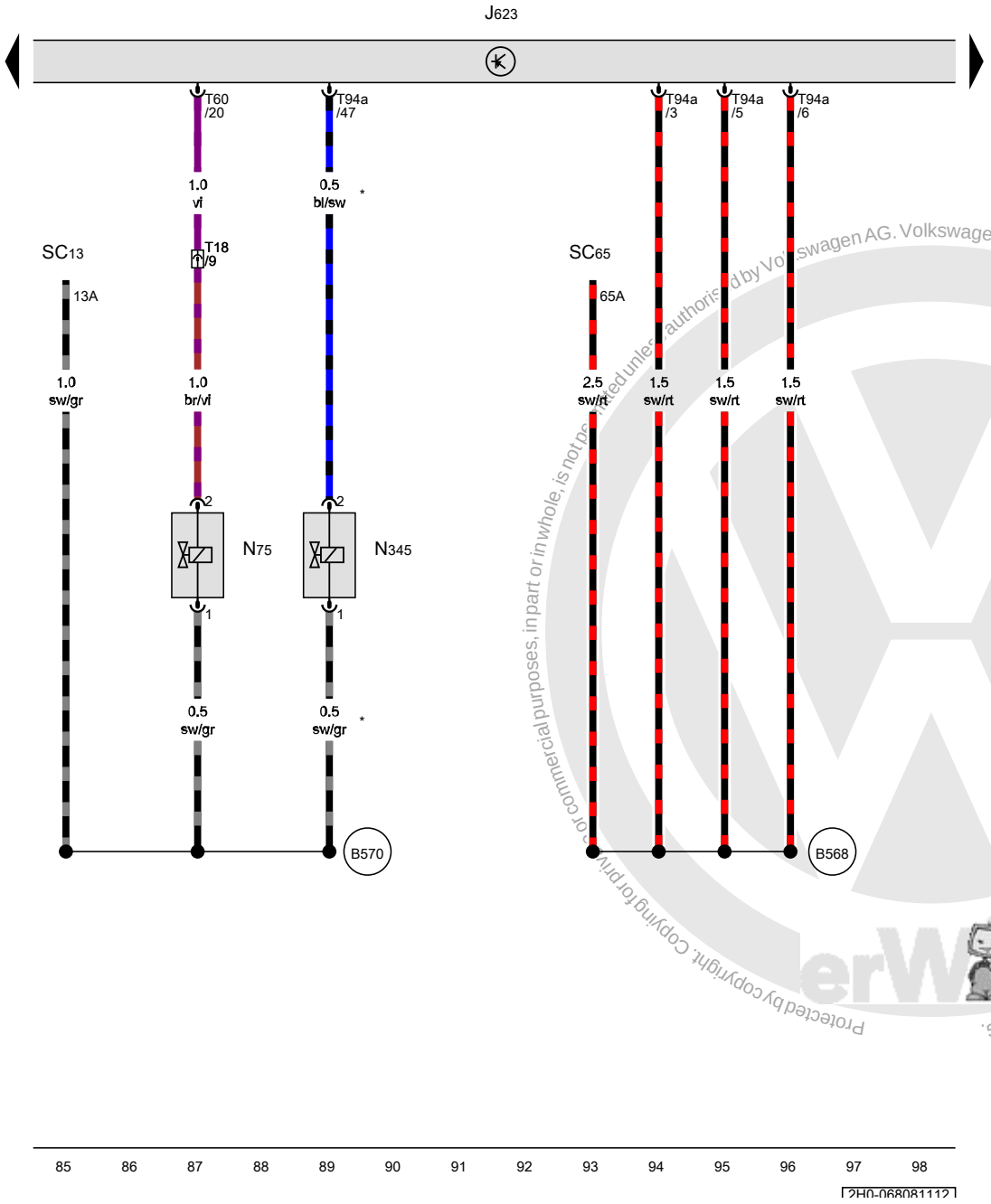

Engine control unit, Charge pressure control solenoid valve, Exhaust gas recirculation cooler changeover valve, Fuse 13 on fuse holder C, Fuse 65 on fuse holder C

J623	Engine control unit
N75	Charge pressure control solenoid valve
N345	Exhaust gas recirculation cooler changeover valve
SC13	Fuse 13 on fuse holder C
SC65	Fuse 65 on fuse holder C
T18	18-pin connector, near engine control unit, black
T60	60-pin connector, black
T94a	94-pin connector, black
B568	Connection 35, in main wiring harness
B570	Connection 37, in main wiring harness
*	Only models with Euro 5 emission standard

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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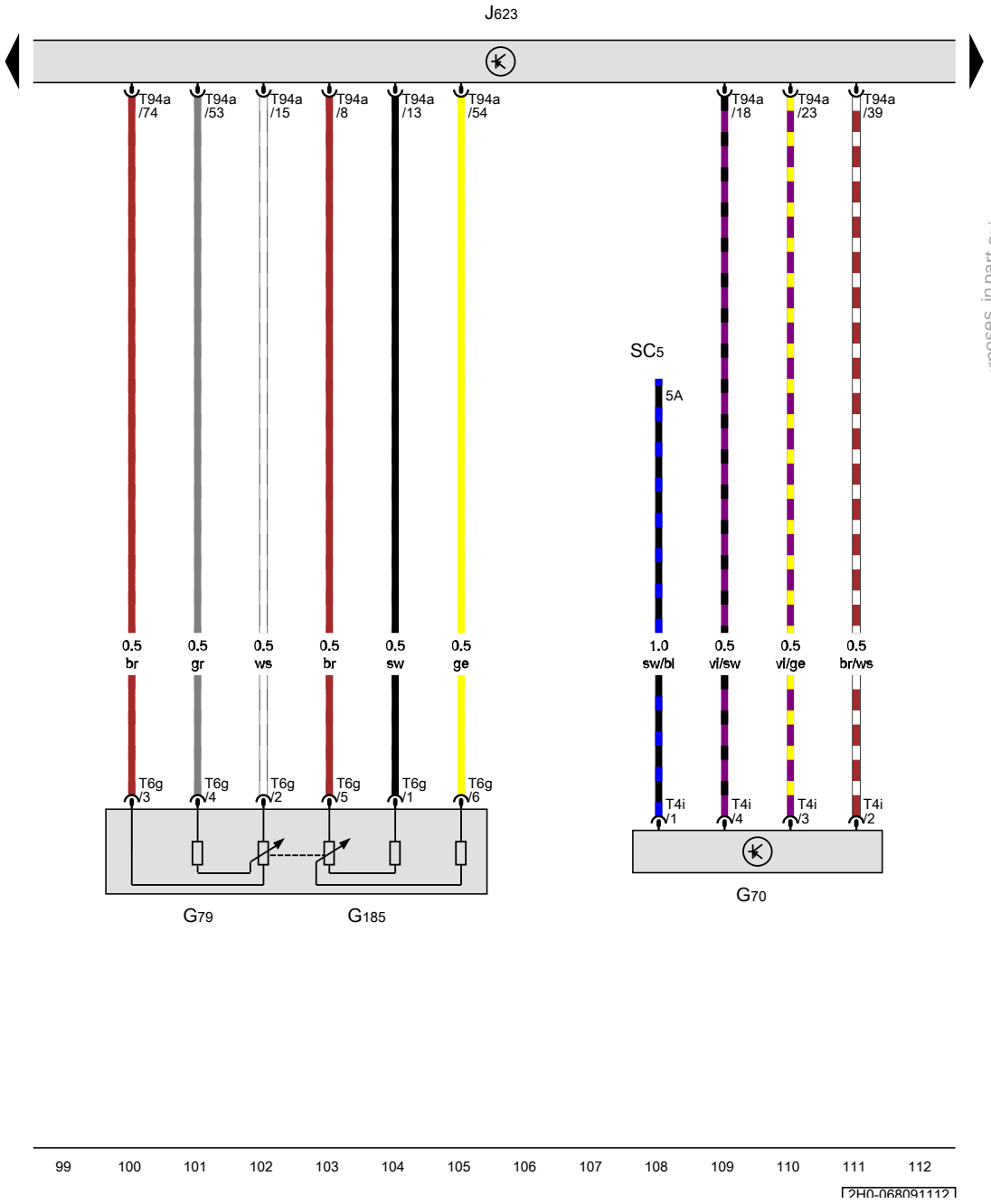

Air mass meter, Accelerator position sender, Accelerator position sender 2, Engine control unit, Fuse 5 on fuse holder C

G70	Air mass meter
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
SC5	Fuse 5 on fuse holder C
T4i	4-pin connector, black
T6g	6-pin connector, black
T94a	94-pin connector, black

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
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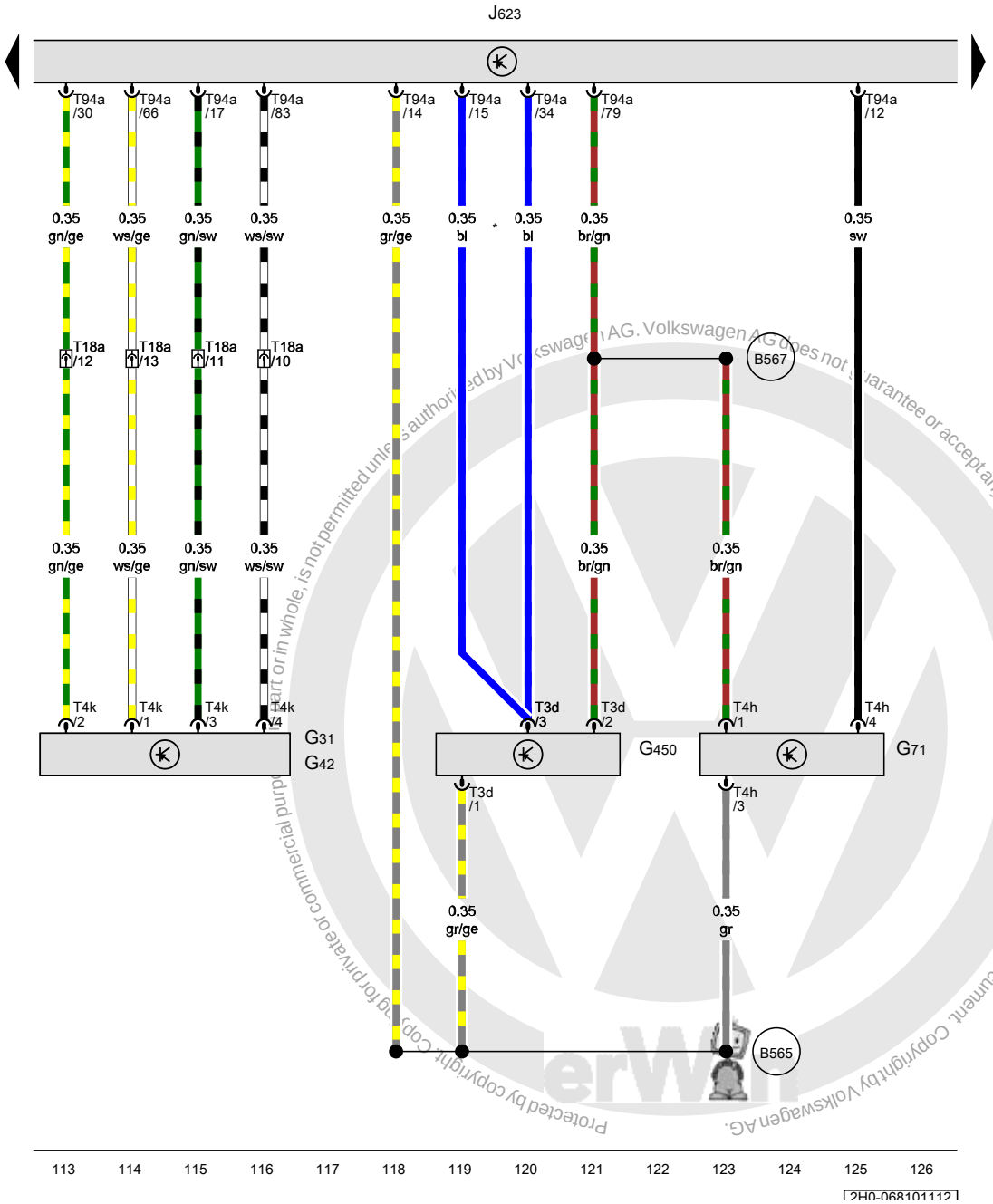

Charge pressure sender, Intake air temperature sender, Intake manifold pressure sender, Exhaust gas pressure sensor 1, Engine control unit

G31	Charge pressure sender
G42	Intake air temperature sender
G71	Intake manifold pressure sender
G450	Exhaust gas pressure sensor 1
J623	Engine control unit
T3d	3-pin connector, black
T4h	4-pin connector, black
T4k	4-pin connector, black
T18a	18-pin connector, near engine control unit, grey
T94a	94-pin connector, black
B565	Connection 32, in main wiring harness
B567	Connection 34, in main wiring harness
*	Only models with Euro 3 emission standard

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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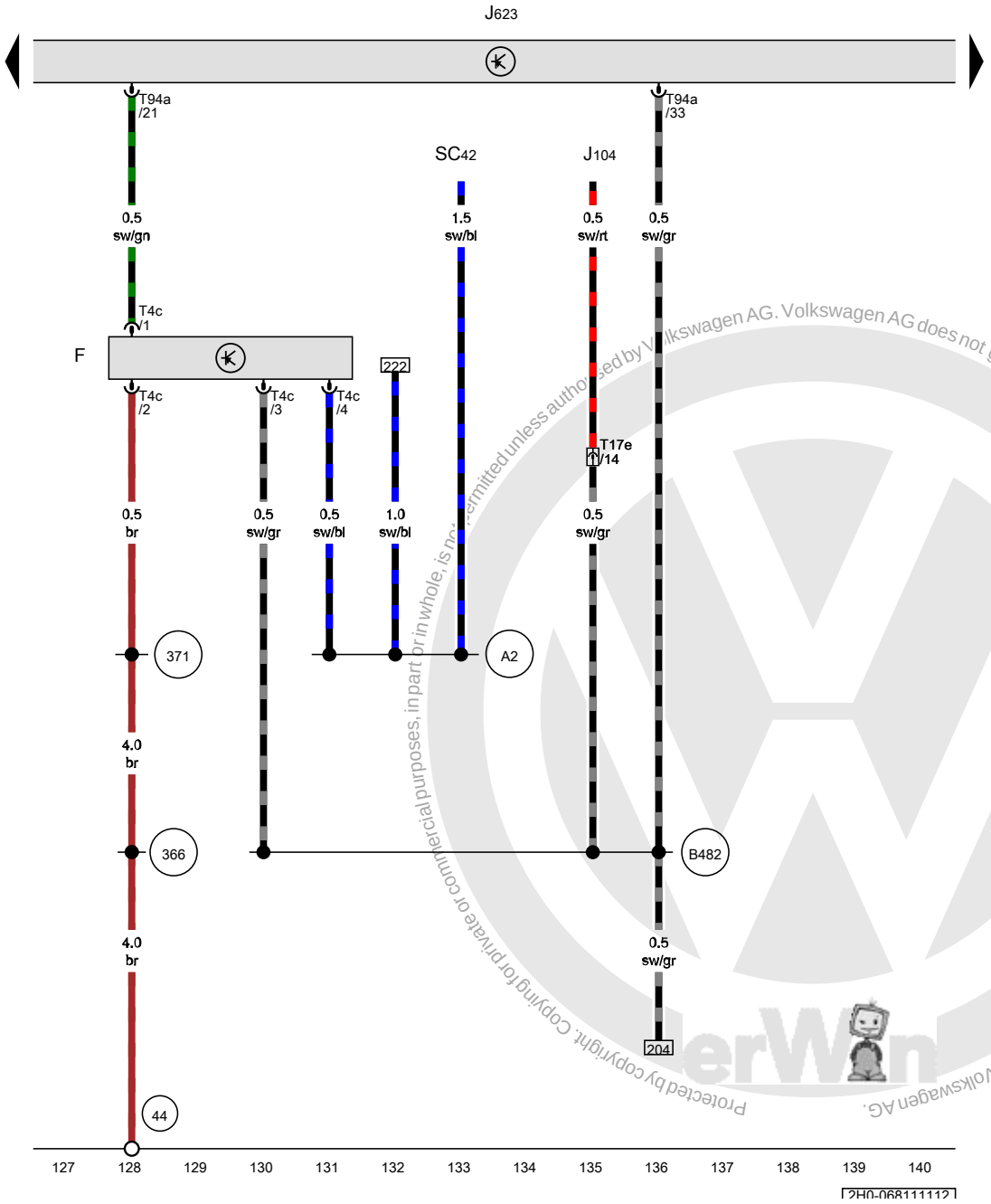

Brake light switch, Engine control unit

F	Brake light switch
J104	ABS control unit
J623	Engine control unit
SC42	Fuse 42 on fuse holder C
T4c	4-pin connector, black
T17e	17-pin connector, near handbrake lever, red
T94a	94-pin connector, black
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
371	Earth connection 6, in main wiring harness
A2	Positive connection (15), in dash panel wiring harness
B482	Connection 18, in main wiring harness

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
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gr	=	grey
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or	=	orange
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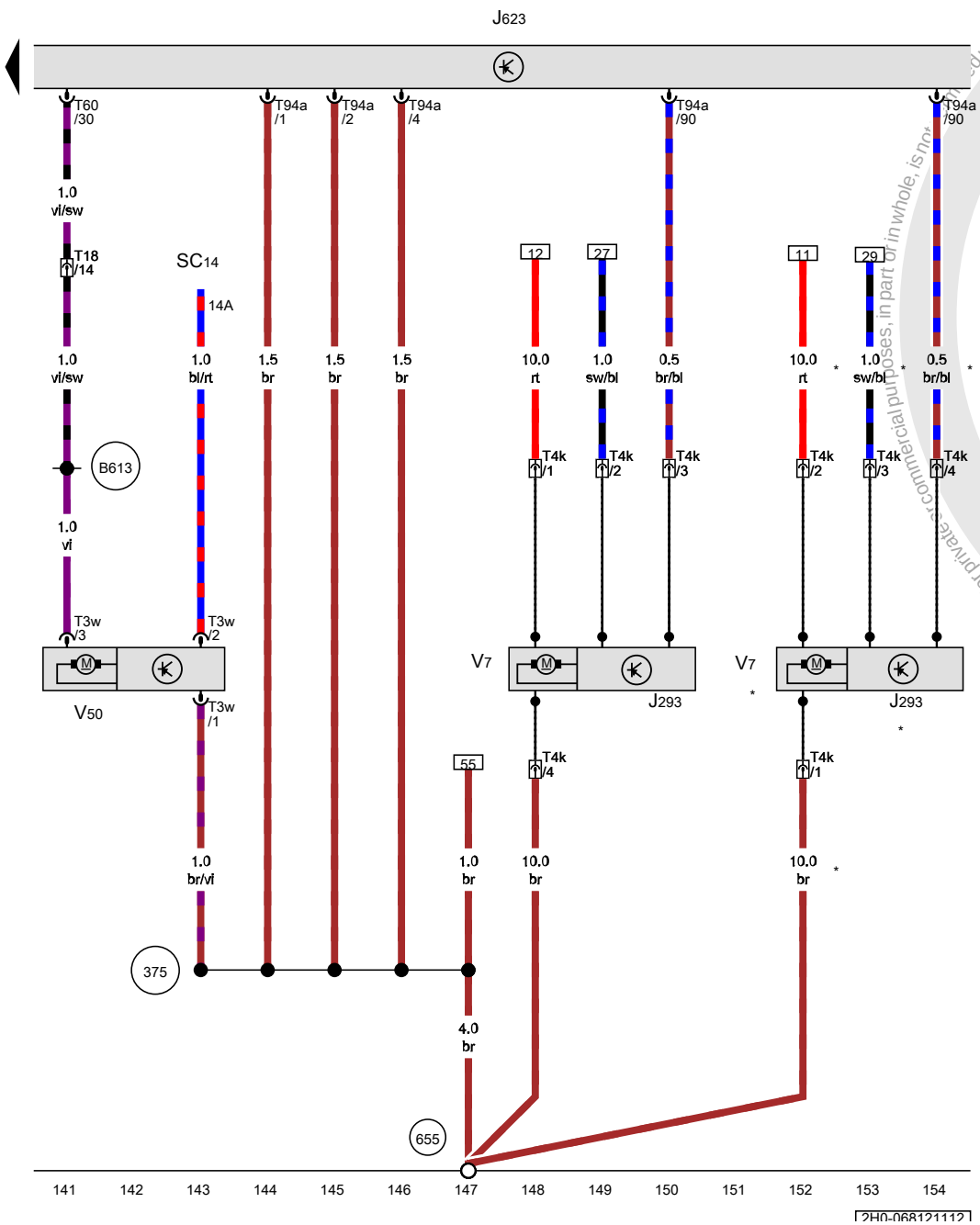

Radiator fan control unit, Engine control unit, Fuse 14 on fuse holder C, Radiator fan, Coolant circulation pump

J293	Radiator fan control unit
J623	Engine control unit
SC14	Fuse 14 on fuse holder C
T3w	3-pin connector, black
T4k	4-pin connector, on radiator cowling, black
T18	18-pin connector, near engine control unit, black
T60	60-pin connector, black
T94a	94-pin connector, black
V7	Radiator fan
V50	Coolant circulation pump
375	Earth connection 10, in main wiring harness
655	Earth point, on left headlight
B613	Connection 41, in main wiring harness
*	Only for countries with hot climate

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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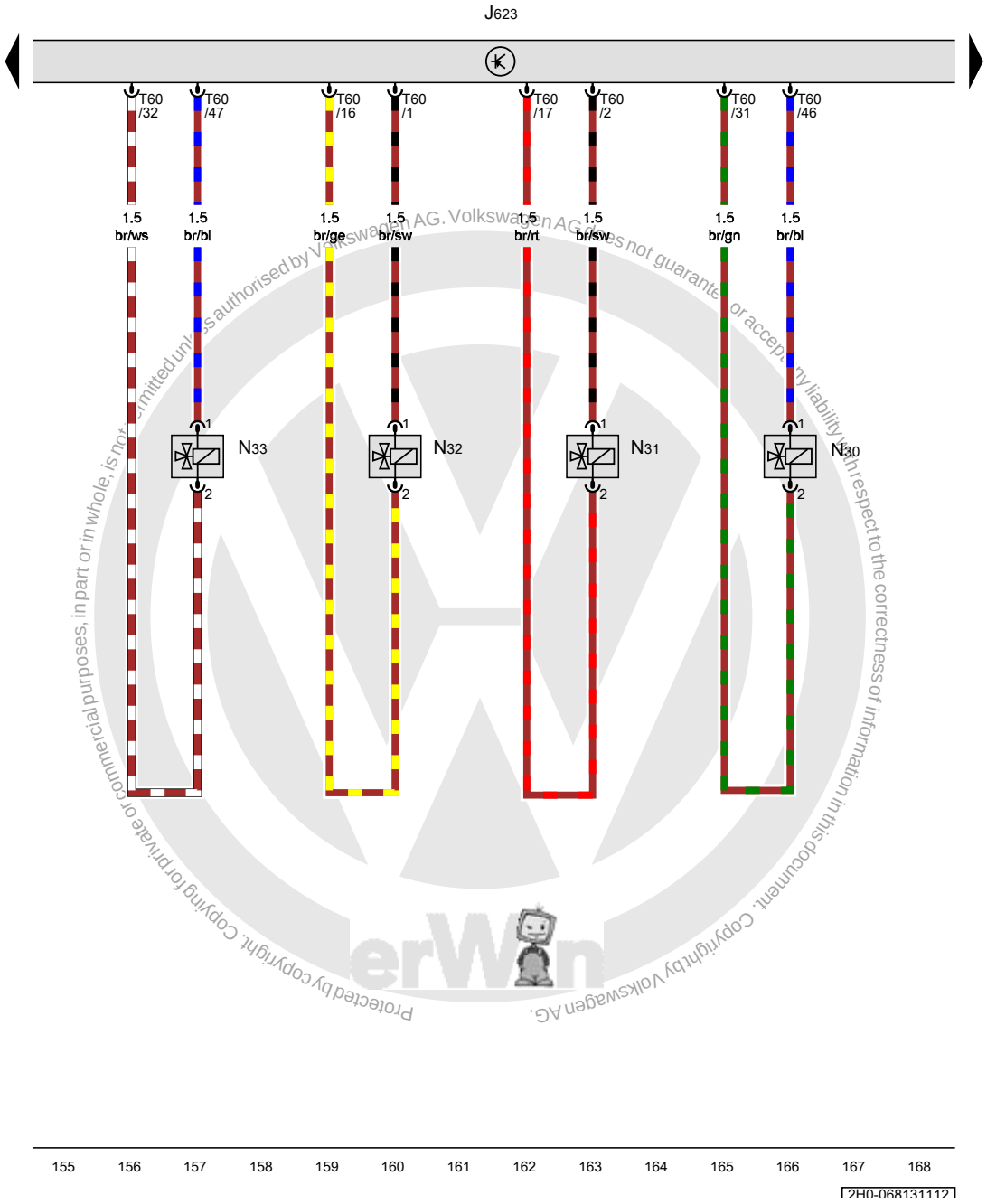

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Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T60	60-pin connector, black

ws	=	white
sw	=	black
ro	=	red
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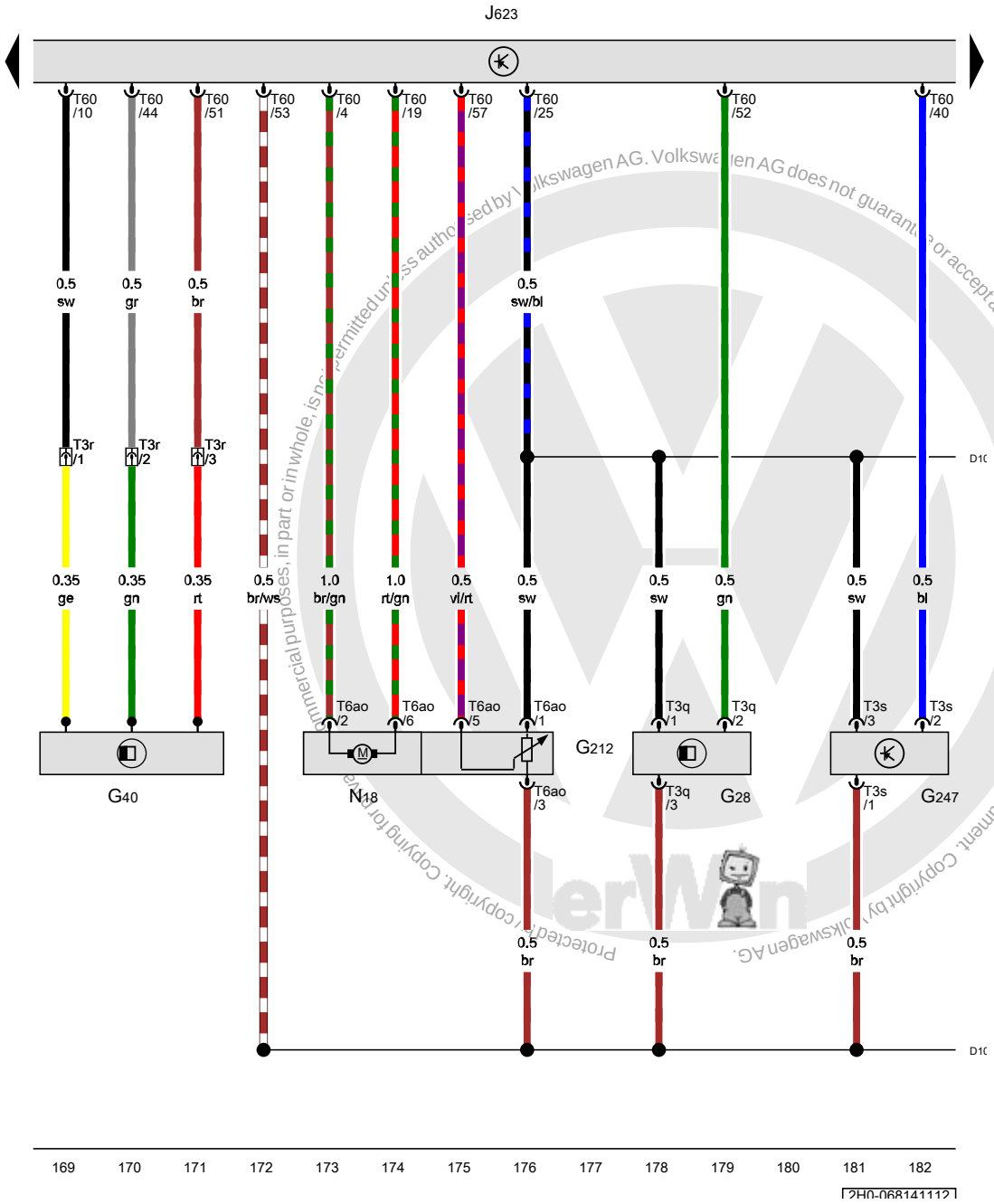

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Hall sender, Exhaust gas recirculation potentiometer, Fuel pressure sender, Engine control unit, Exhaust gas recirculation valve

G28	Engine speed sender
G40	Hall sender
G212	Exhaust gas recirculation potentiometer
G247	Fuel pressure sender
J623	Engine control unit
N18	Exhaust gas recirculation valve
T3q	3-pin connector
T3r	3-pin connector, on front of engine, black
T3s	3-pin connector
T6ao	6-pin connector
T60	60-pin connector, black
D101	Connection 1 in engine compartment wiring harness
D103	Connection 3 in engine compartment wiring harness

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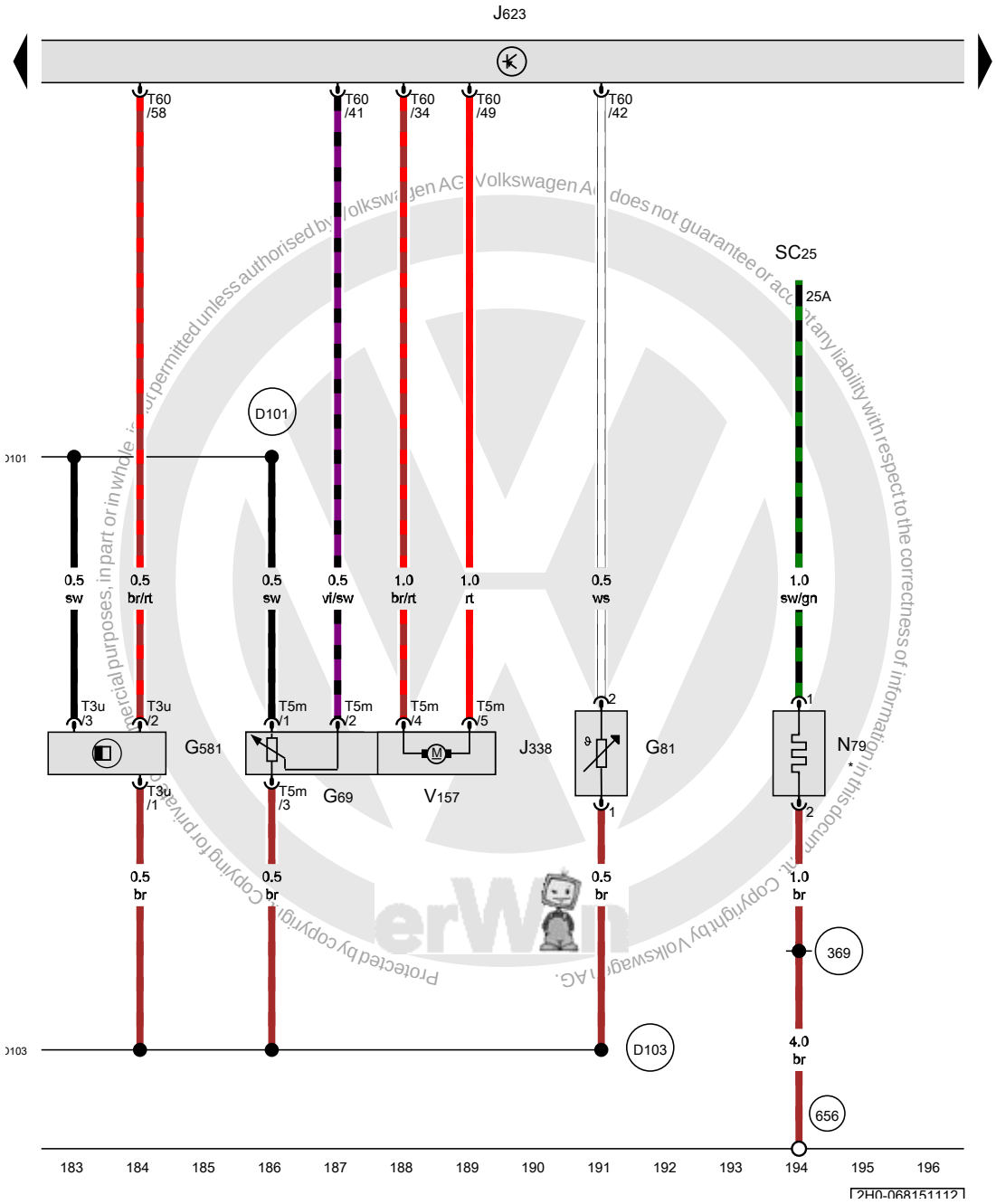

Throttle valve potentiometer, Fuel temperature sender, Position sender for charge pressure positioner, Throttle valve module, Engine control unit, Heater element for crankcase breather, Fuse 25 on fuse holder C, Intake manifold flap motor

G69	Throttle valve potentiometer
G81	Fuel temperature sender
G581	Position sender for charge pressure positioner
J338	Throttle valve module
J623	Engine control unit
N79	Heater element for crankcase breather
SC25	Fuse 25 on fuse holder C
T3u	3-pin connector
T5m	5-pin connector
T60	60-pin connector, black
V157	Intake manifold flap motor
369	Earth connection 4, in main wiring harness
656	Earth point, on right headlight
D101	Connection 1 in engine compartment wiring harness
D103	Connection 3 in engine compartment wiring harness
*	Only models with crankcase breather heater element

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
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or	=	orange
rs	=	pink

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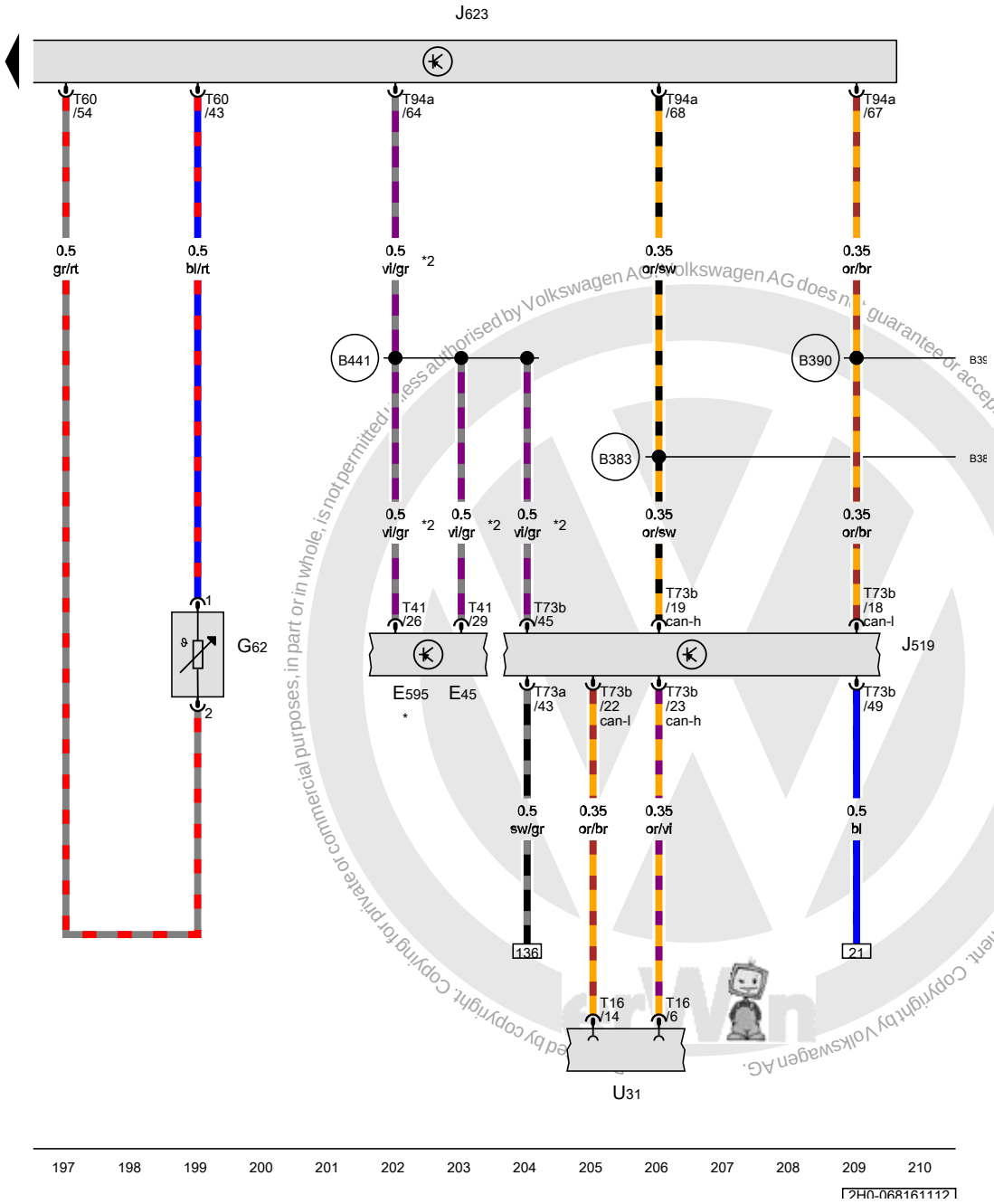

Cruise control system switch, Steering column combination switch, Coolant temperature sender, Onboard supply control unit, Engine control unit

E45	Cruise control system switch
E595	Steering column combination switch
G62	Coolant temperature sender
J519	Onboard supply control unit
J623	Engine control unit
T16	16-pin connector, black
T41	41-pin connector, grey
T60	60-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, colourless
T94a	94-pin connector, black
U31	Diagnostic connection
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B441	Connection (CCS), in main wiring harness
*	see applicable current flow diagram for basic equipment
*2	Only models with cruise control system (CCS)

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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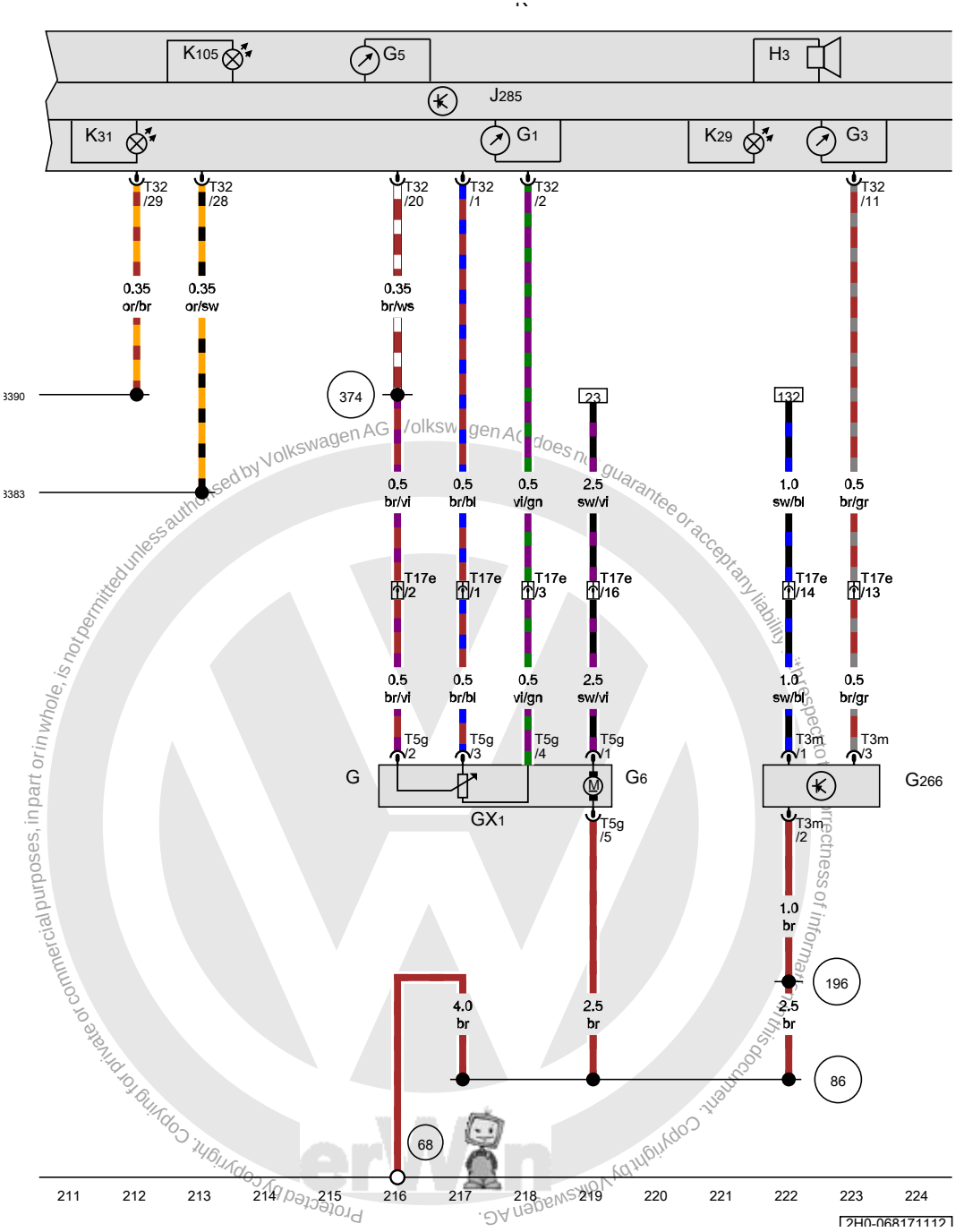

Fuel delivery unit, Oil level and oil temperature sender, Dash panel insert

G	Fuel gauge sender
G1	Fuel gauge
GX1	Fuel delivery unit
G3	Coolant temperature gauge
G5	Rev. counter
G6	Fuel system pressurisation pump
G266	Oil level and oil temperature sender
H3	Buzzer and gong
J285	Control unit in dash panel insert
K	Dash panel insert
K29	Glow period warning lamp
K31	Cruise control system warning lamp
K105	Reserve fuel warning lamp
T3m	3-pin connector
T5g	5-pin connector
T17e	17-pin connector, near handbrake lever, red
T32	32-pin connector
68	Earth point, on left of rear cross member
86	Earth connection 1, in rear wiring harness
196	Earth connection 3, in rear wiring harness
374	Earth connection 9, in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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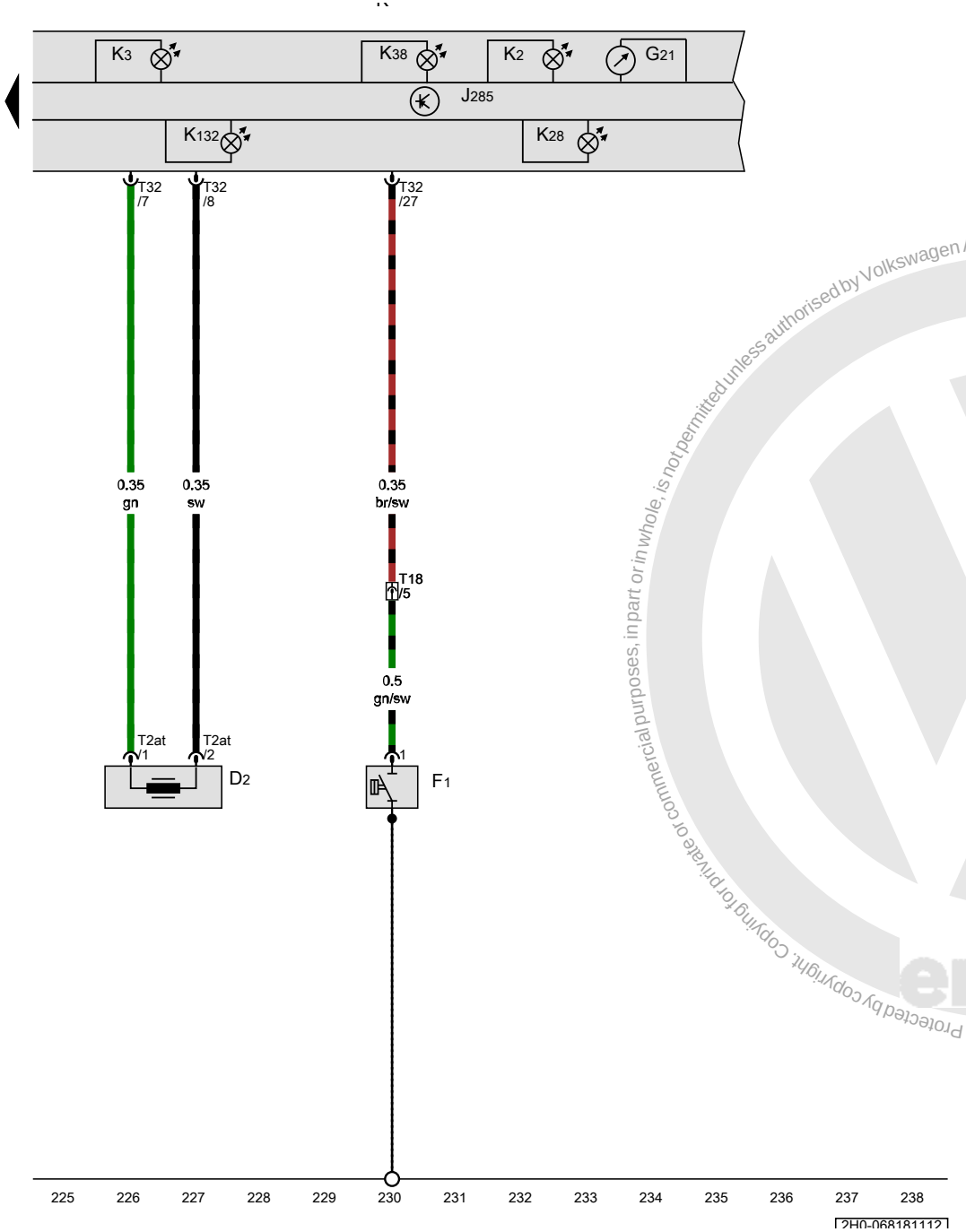

Immobiliser reader coil, Oil pressure switch, Dash panel insert

D2	Immobiliser reader coil
F1	Oil pressure switch
G21	Speedometer
J285	Control unit in dash panel insert
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K38	Oil level warning lamp
K132	Electronic power control fault lamp
T2at	2-pin connector, orange
T18	18-pin connector, near engine control unit, black
T32	32-pin connector

ws	=	white
sw	=	black
ro	=	red
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Anti-theft alarm system

From June 2012

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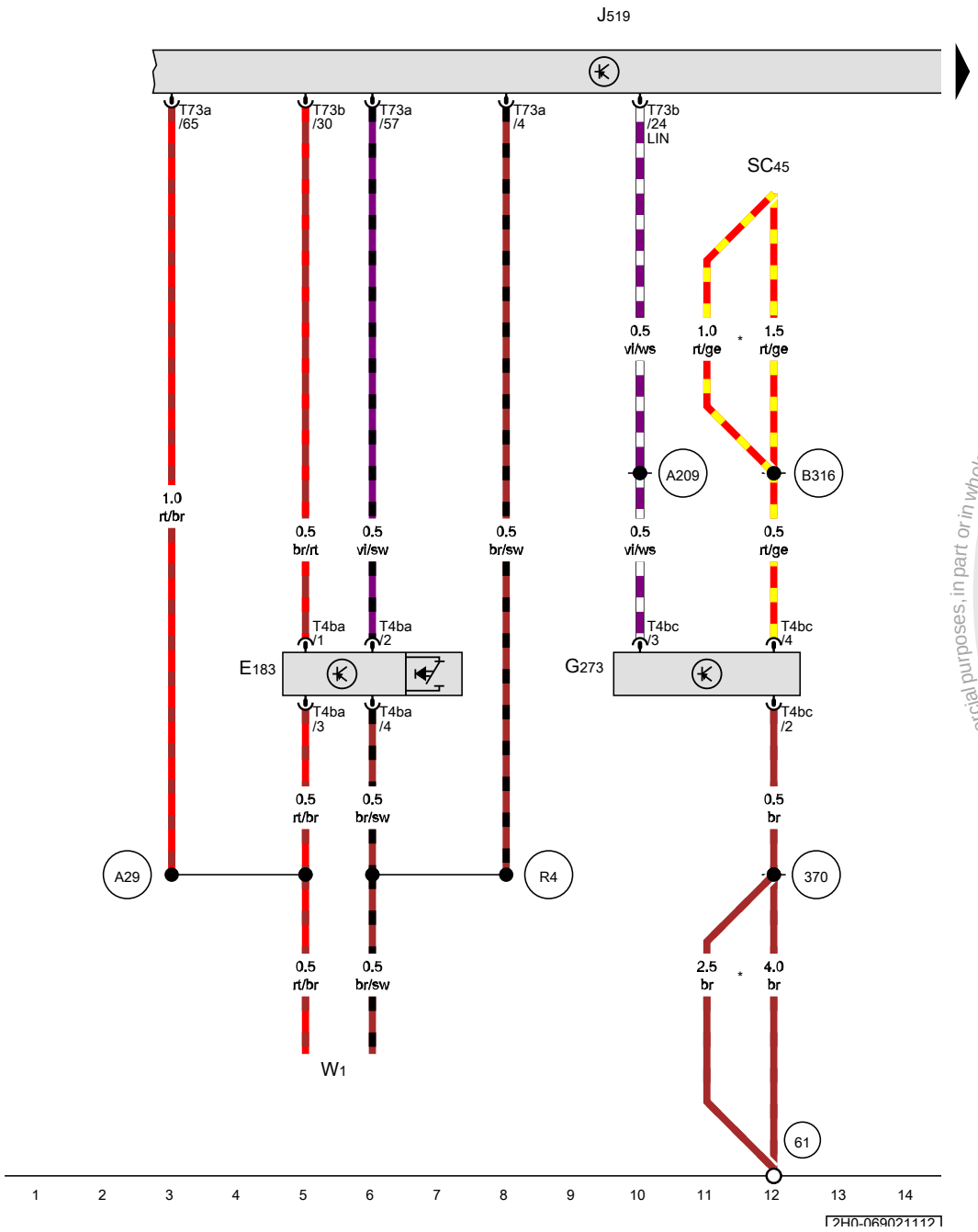

Interior monitoring switch, Interior monitoring sensor, Onboard supply control unit

E183	Interior monitoring switch
G273	Interior monitoring sensor
J519	Onboard supply control unit, near driver side A-pillar
SC45	Fuse 45 on fuse holder C
T4ba	4-pin connector, black
T4bc	4-pin connector, brown
T73a	73-pin connector, black
T73b	73-pin connector, colourless
W1	Front interior light
61	Earth point, left C-pillar
370	Earth connection 5, in main wiring harness
A29	Connection (interior light), in dash panel wiring harness
A209	Connection 1 (LIN bus) in dash panel wiring harness
B316	Positive connection 2 (30a) in main wiring harness
R4	Connection 1, in interior light/door contact switch wiring harness
*	From February 2013

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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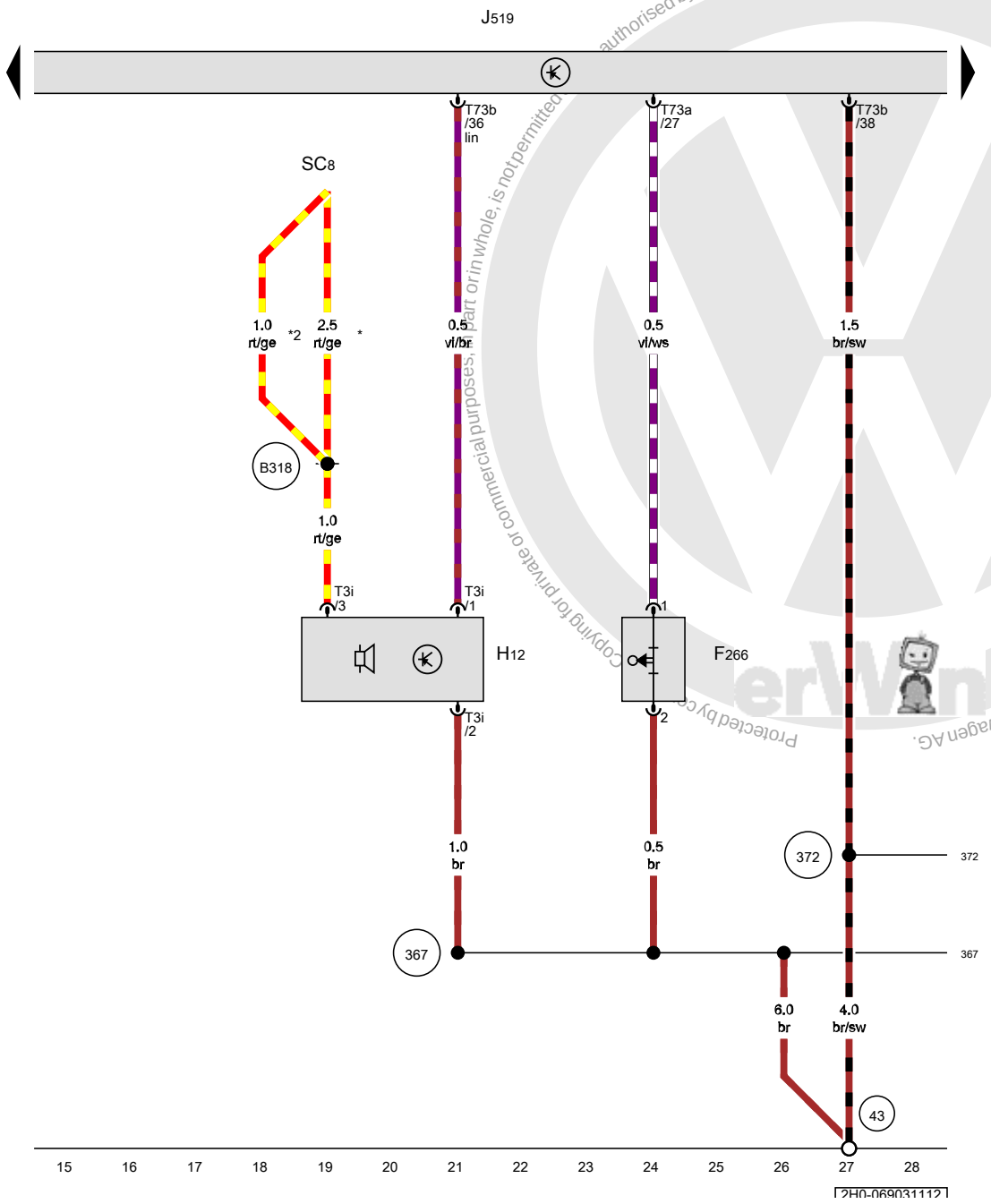

Bonnet contact switch, Alarm horn, Onboard supply control unit

F266	Bonnet contact switch
H12	Alarm horn
J519	Onboard supply control unit, near driver side A-pillar
SC8	Fuse 8 on fuse holder C
T3i	3-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, colourless
43	Earth point, lower part of right A-pillar
367	Earth connection 2, in main wiring harness
372	Earth connection 7, in main wiring harness
B318	Positive connection 4 (30a) in main wiring harness
*	Up to January 2013
*2	From February 2013

ws	=	white
sw	=	black
ro	=	red
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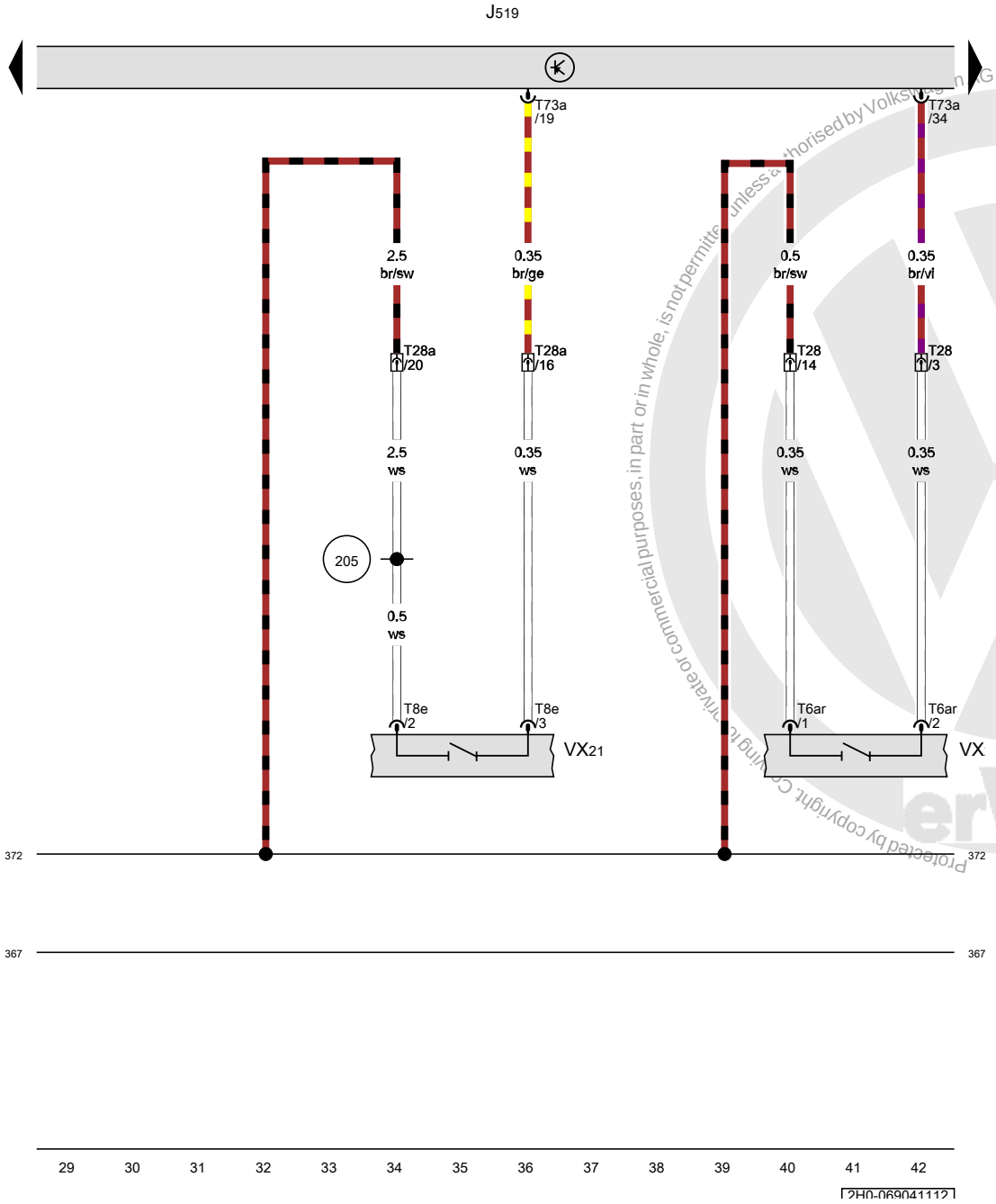

Onboard supply control unit, Driver door lock unit, Rear left door lock unit

J519	Onboard supply control unit, near driver side A-pillar
T6ar	6-pin connector
T8e	8-pin connector
T28	28-pin connector, on left B-pillar
T28a	28-pin connector, on left A-pillar
T73a	73-pin connector, black
VX21	Driver door lock unit
VX23	Rear left door lock unit
205	Earth connection, in driver door wiring harness
367	Earth connection 2, in main wiring harness
372	Earth connection 7, in main wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
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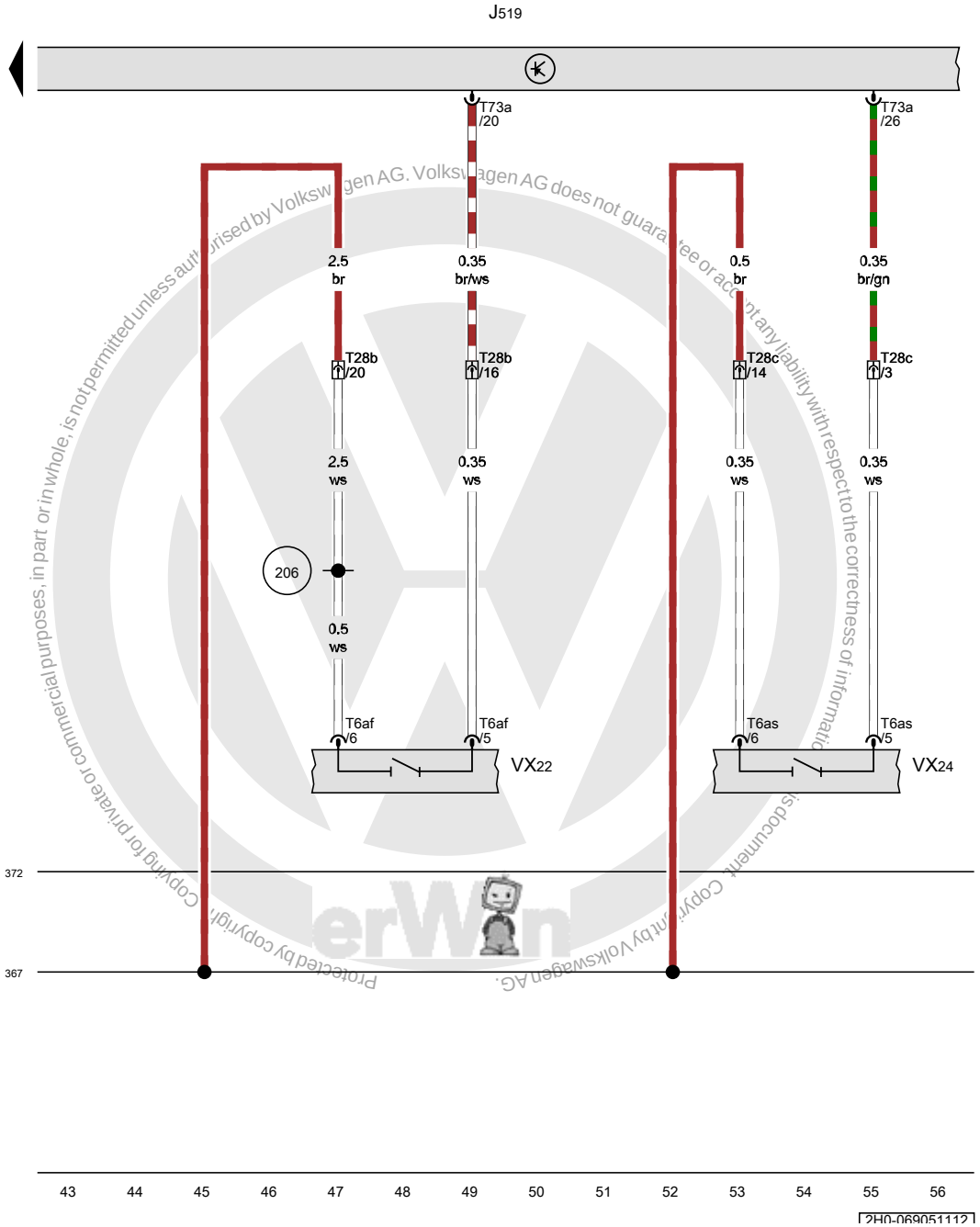

Onboard supply control unit, Front passenger door lock unit, Rear right door lock unit

J519	Onboard supply control unit, near driver side A-pillar
T6af	6-pin connector
T6as	6-pin connector
T28b	28-pin connector, on right A-pillar
T28c	28-pin connector, on right B-pillar
T73a	73-pin connector, black
VX22	Front passenger door lock unit
VX24	Rear right door lock unit
206	Earth connection, in front passenger door wiring harness
367	Earth connection 2, in main wiring harness
372	Earth connection 7, in main wiring harness

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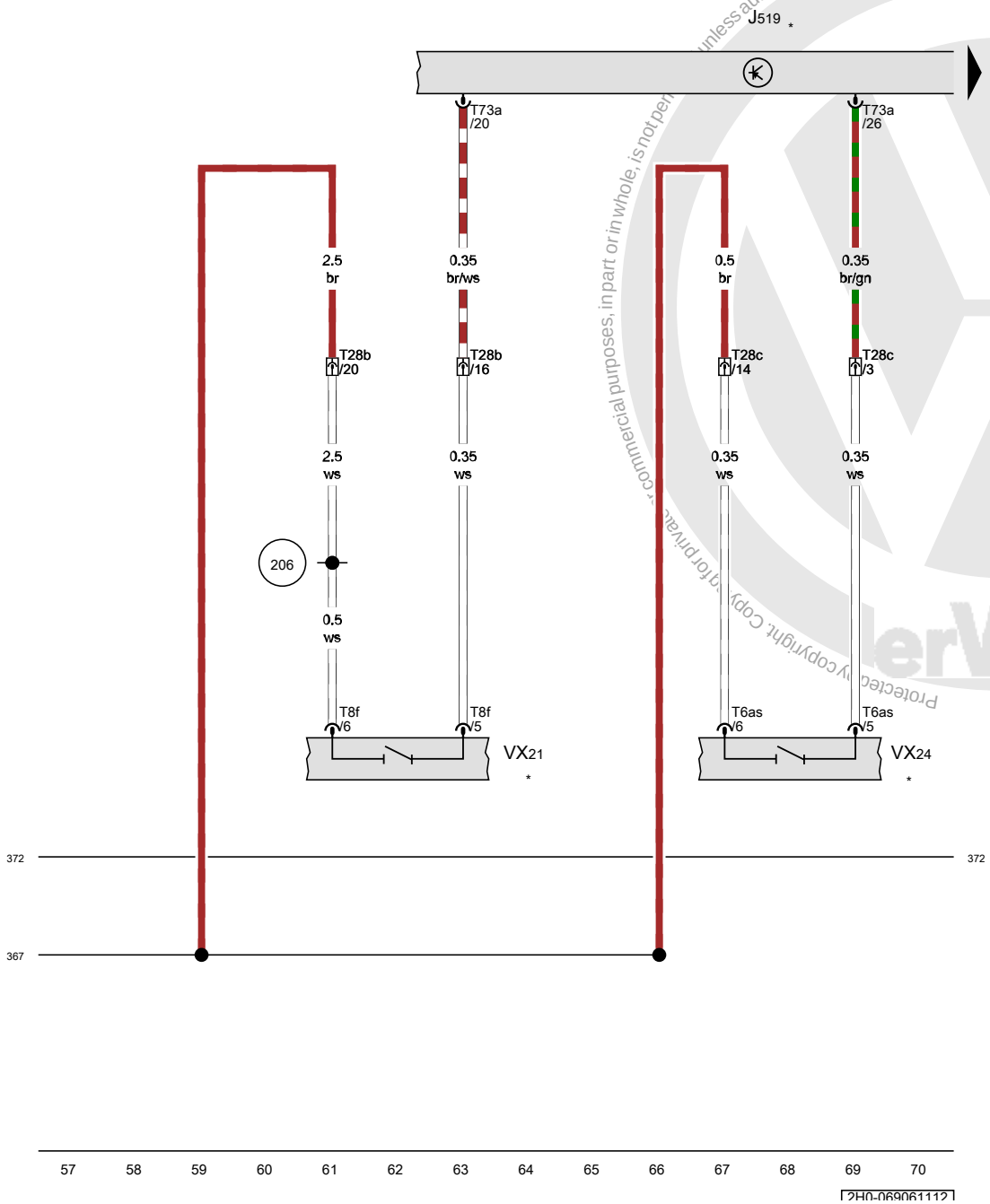

Onboard supply control unit, Rear right door lock unit

J519	Onboard supply control unit
T6as	6-pin connector
T8f	8-pin connector
T28b	28-pin connector, on right A-pillar
T28c	28-pin connector, on right B-pillar
T73a	73-pin connector, black
VX21	Driver door lock unit
VX24	Rear right door lock unit
206	Earth connection, in front passenger door wiring harness
367	Earth connection 2, in main wiring harness
372	Earth connection 7, in main wiring harness
*	Only right-hand drive models

ws	=	white
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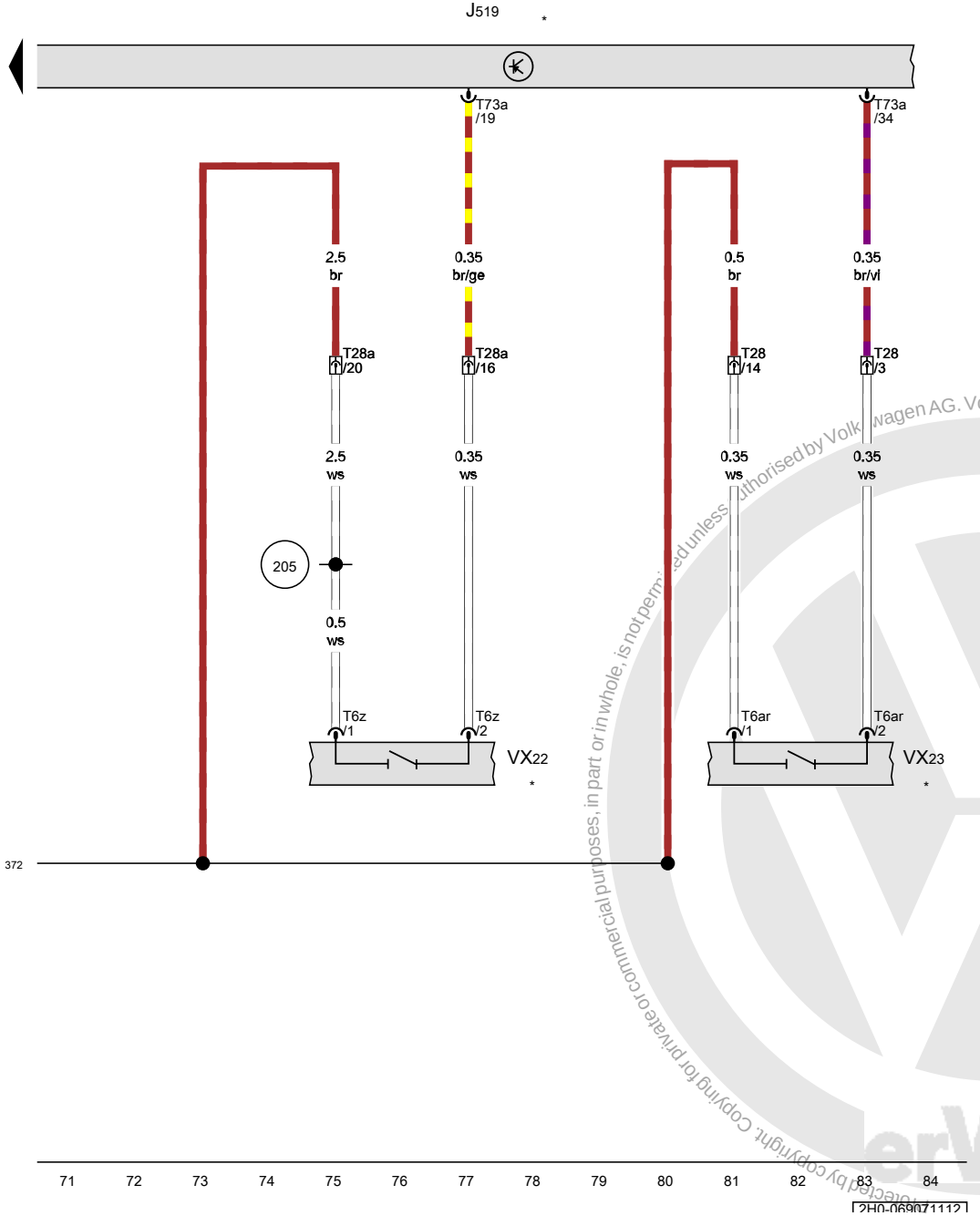
Onboard supply control unit, Front passenger door lock unit, Rear left door lock unit

J519	Onboard supply control unit
T6ar	6-pin connector
T6z	6-pin connector
T28	28-pin connector, on left B-pillar
T28a	28-pin connector, on left A-pillar
T73a	73-pin connector, black
VX22	Front passenger door lock unit
VX23	Rear left door lock unit
205	Earth connection, in driver door wiring harness
372	Earth connection 7, in main wiring harness
*	Only right-hand drive models



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2.0l diesel engine , CNEA

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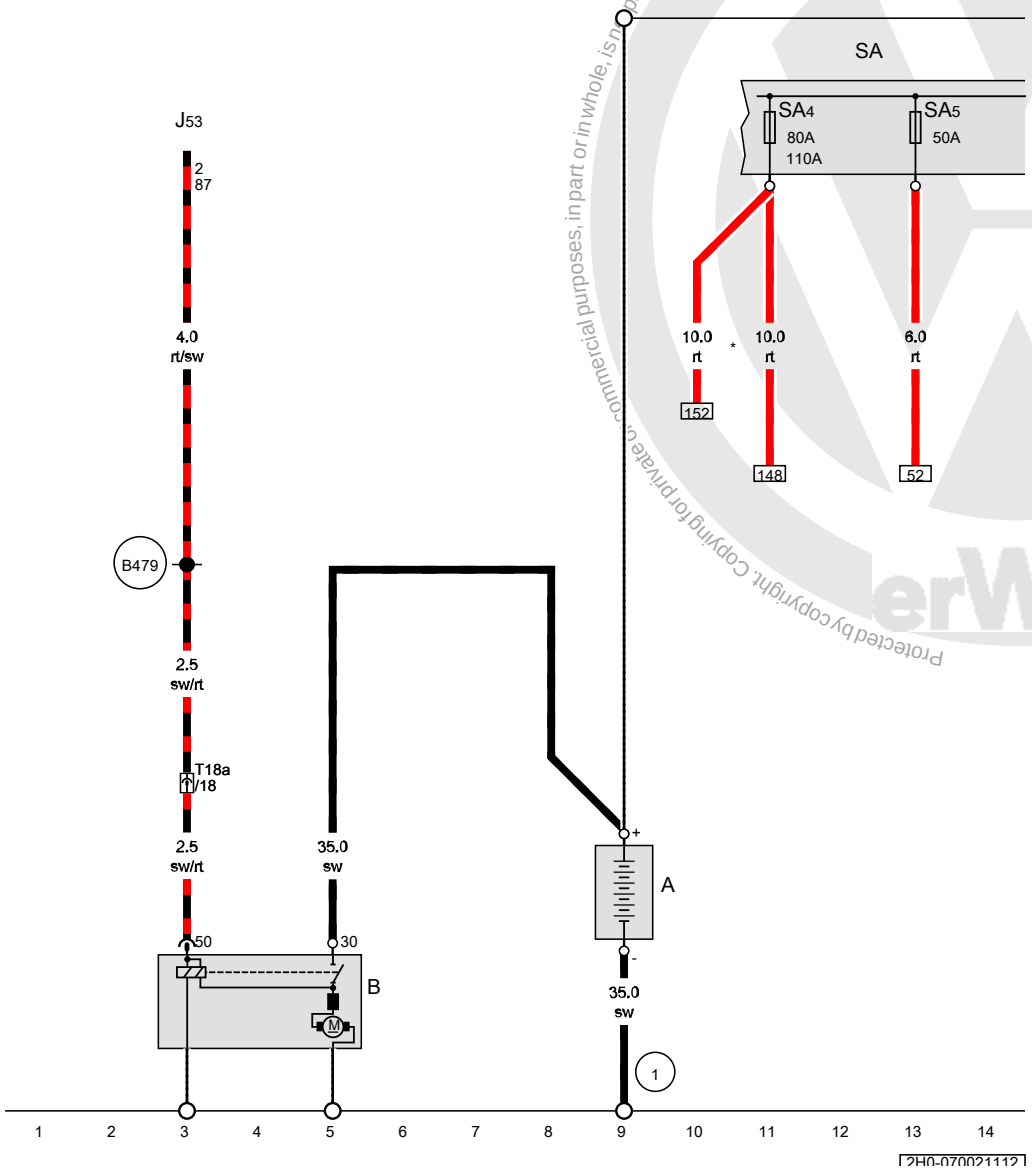
Battery, Starter, Starter motor relay, Fuse 4 in fuse holder A, Fuse 5 in fuse holder A

A	Battery
B	Starter
J53	Starter motor relay
SA	Fuse holder A
SA4	Fuse 4 in fuse holder A
SA5	Fuse 5 in fuse holder A
T18a	18-pin connector, near engine control unit
(1)	Earth strap, battery - body
(B479)	Connection 15, in main wiring harness
(TV1)	Wiring junction
*	Only for countries with hot climate



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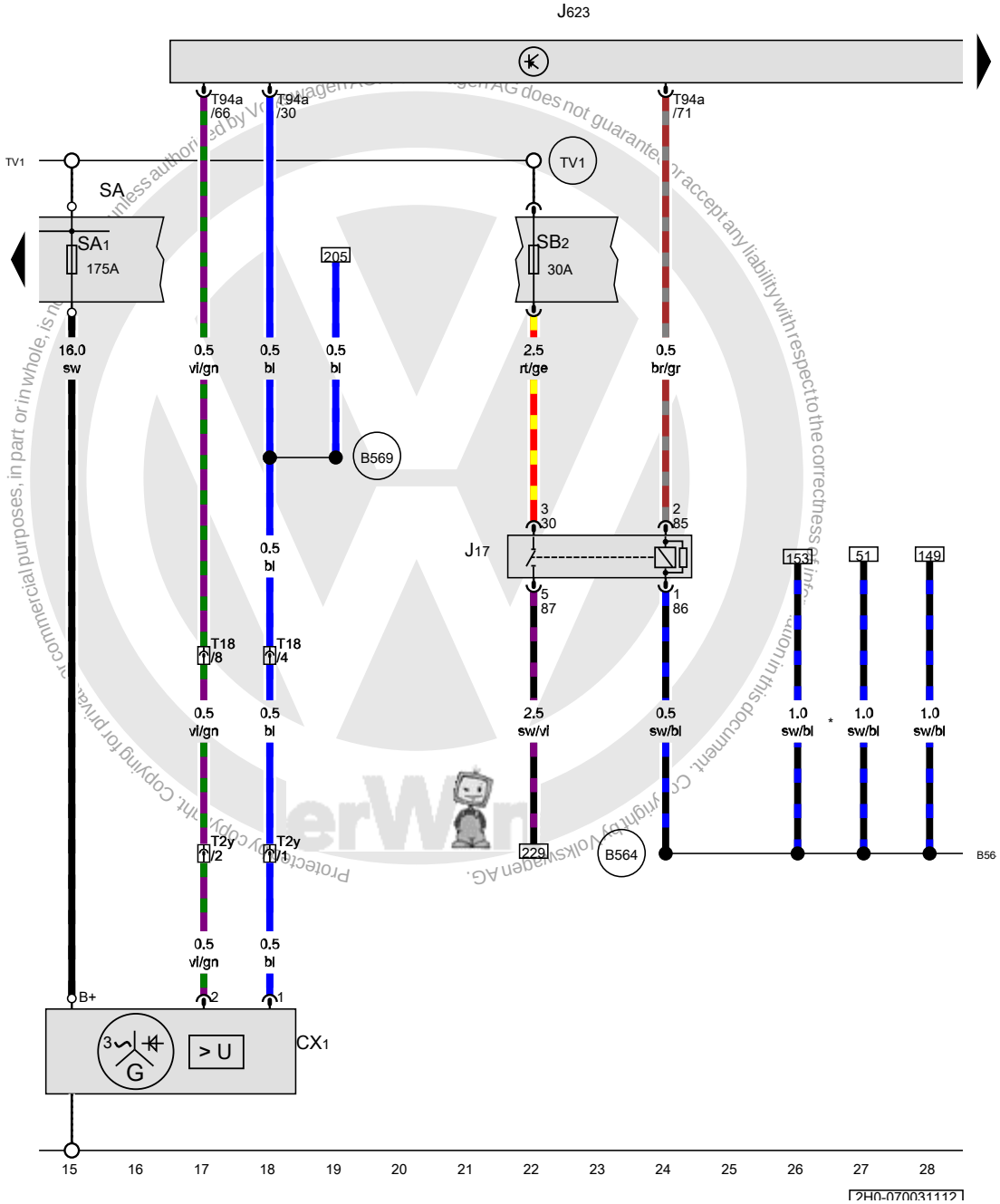

Alternator with voltage regulator, Fuel pump relay, Engine control unit, Fuse 1 in fuse holder A, Fuse 2 on fuse holder B

CX1	Alternator with voltage regulator
J17	Fuel pump relay
J623	Engine control unit, near battery
SA	Fuse holder A
SA1	Fuse 1 in fuse holder A
SB2	Fuse 2 on fuse holder B
T2y	2-pin connector, front left in engine compartment, black
T18	18-pin connector, near engine control unit, black
T94a	94-pin connector, black
B564	Connection 31, in main wiring harness
B569	Connection 36, in main wiring harness
TV1	Wiring junction
*	Only for countries with hot climate

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
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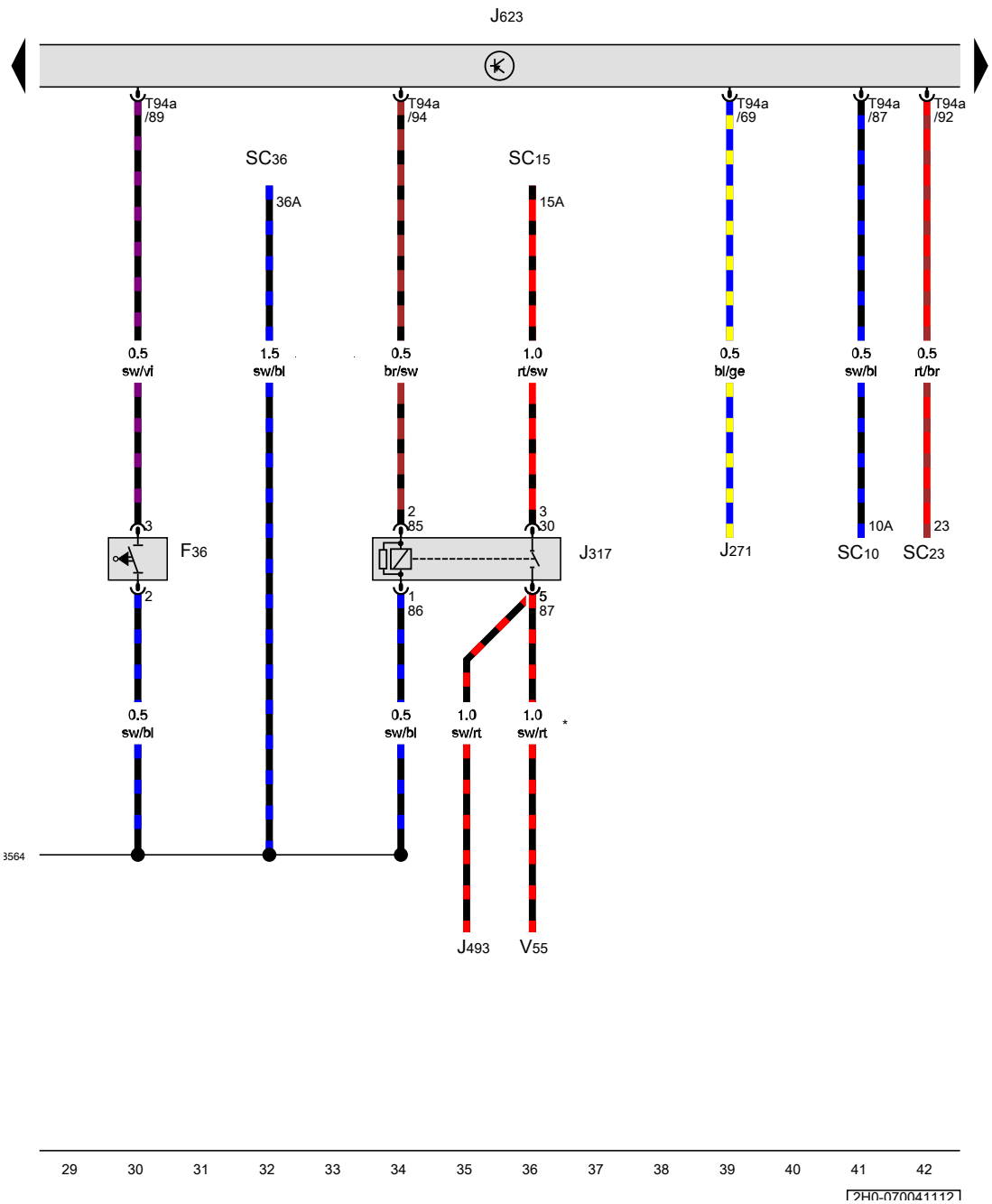

Clutch pedal switch, Main relay, Terminal 30 voltage supply relay, Engine control unit, Fuse 10 on fuse holder C, Fuse 15 on fuse holder C, Fuse 23 on fuse holder C, Fuse 36 on fuse holder C

F36	Clutch pedal switch
J271	Main relay, on relay carrier
J317	Terminal 30 voltage supply relay, on relay carrier
J493	Auxiliary coolant heater relay
J623	Engine control unit, near battery
SC10	Fuse 10 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC23	Fuse 23 on fuse holder C
SC36	Fuse 36 on fuse holder C
T94a	94-pin connector, black
V55	Circulation pump
B564	Connection 31, in main wiring harness
*	Only models with no air conditioning system/Climatronic

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sw	=	black
ro	=	red
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gn	=	green
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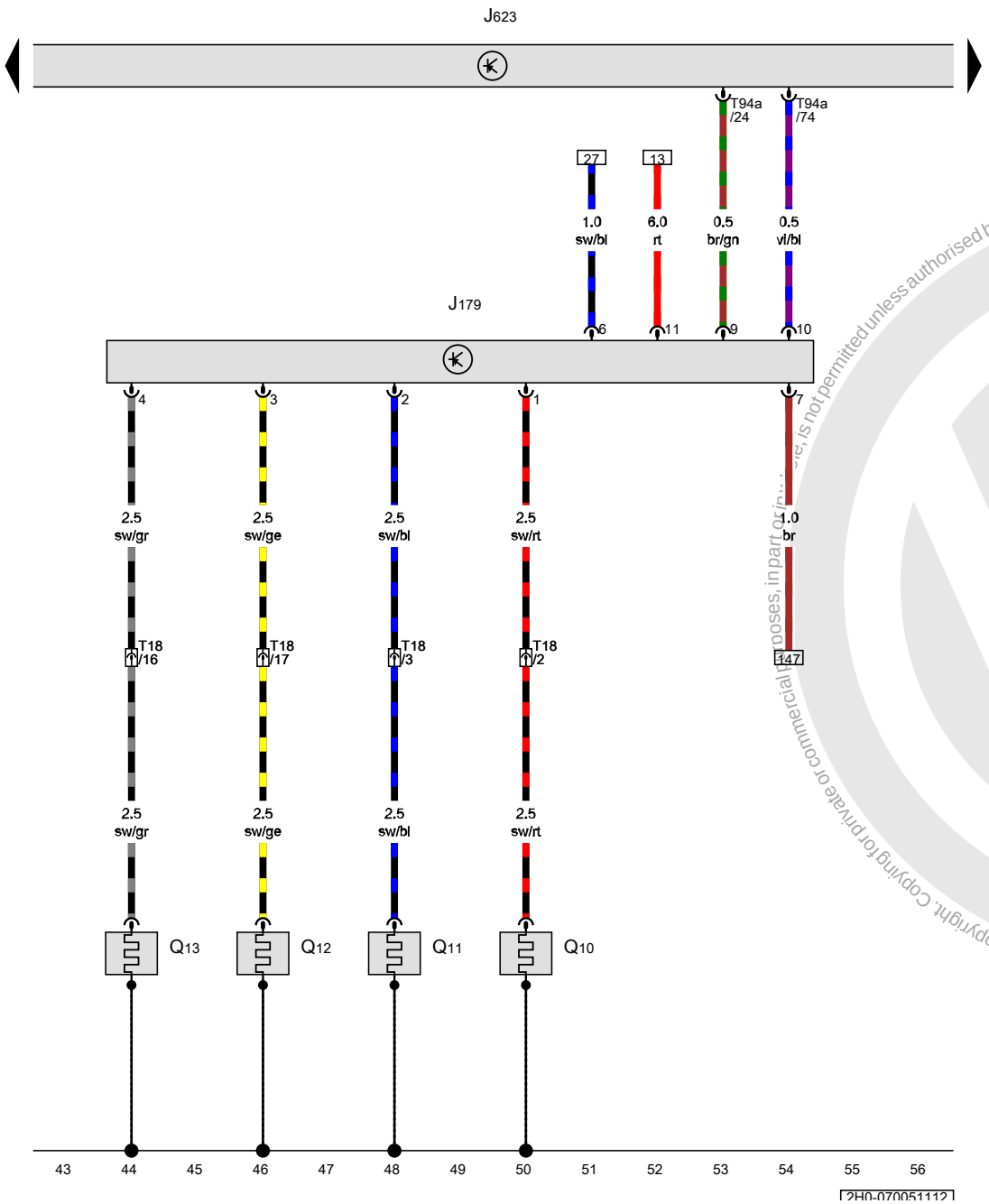
Automatic glow period control unit, Engine control unit, Glow plug 1, Glow plug 2, Glow plug 3, Glow plug 4

J179	Automatic glow period control unit, near left headlight
J623	Engine control unit, near battery
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
T18	18-pin connector, near engine control unit, black
T94a	94-pin connector, black



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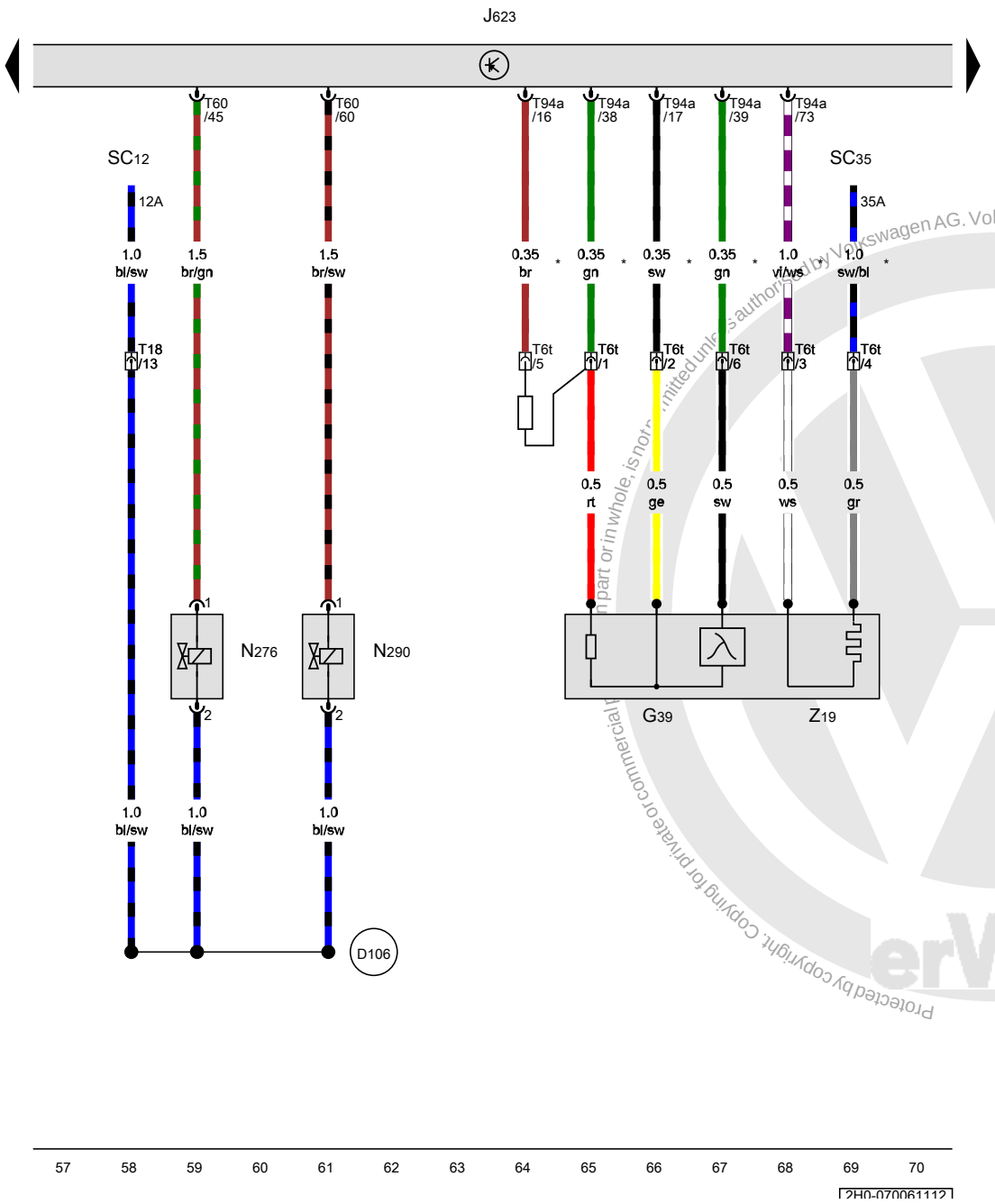

Lambda probe, Engine control unit, Fuel pressure regulating valve, Fuel metering valve, Fuse 12 on fuse holder C, Fuse 35 on fuse holder C

G39	Lambda probe
J623	Engine control unit, near battery
N276	Fuel pressure regulating valve
N290	Fuel metering valve
SC12	Fuse 12 on fuse holder C
SC35	Fuse 35 on fuse holder C
T6t	6-pin connector, front right in engine compartment, black
T18	18-pin connector, near engine control unit, black
T60	60-pin connector, black
T94a	94-pin connector, black
Z19	Lambda probe heater
(D106)	Connection 4 in engine compartment wiring harness
*	Only models with Euro 5 emission standard

ws	=	white
sw	=	black
ro	=	red
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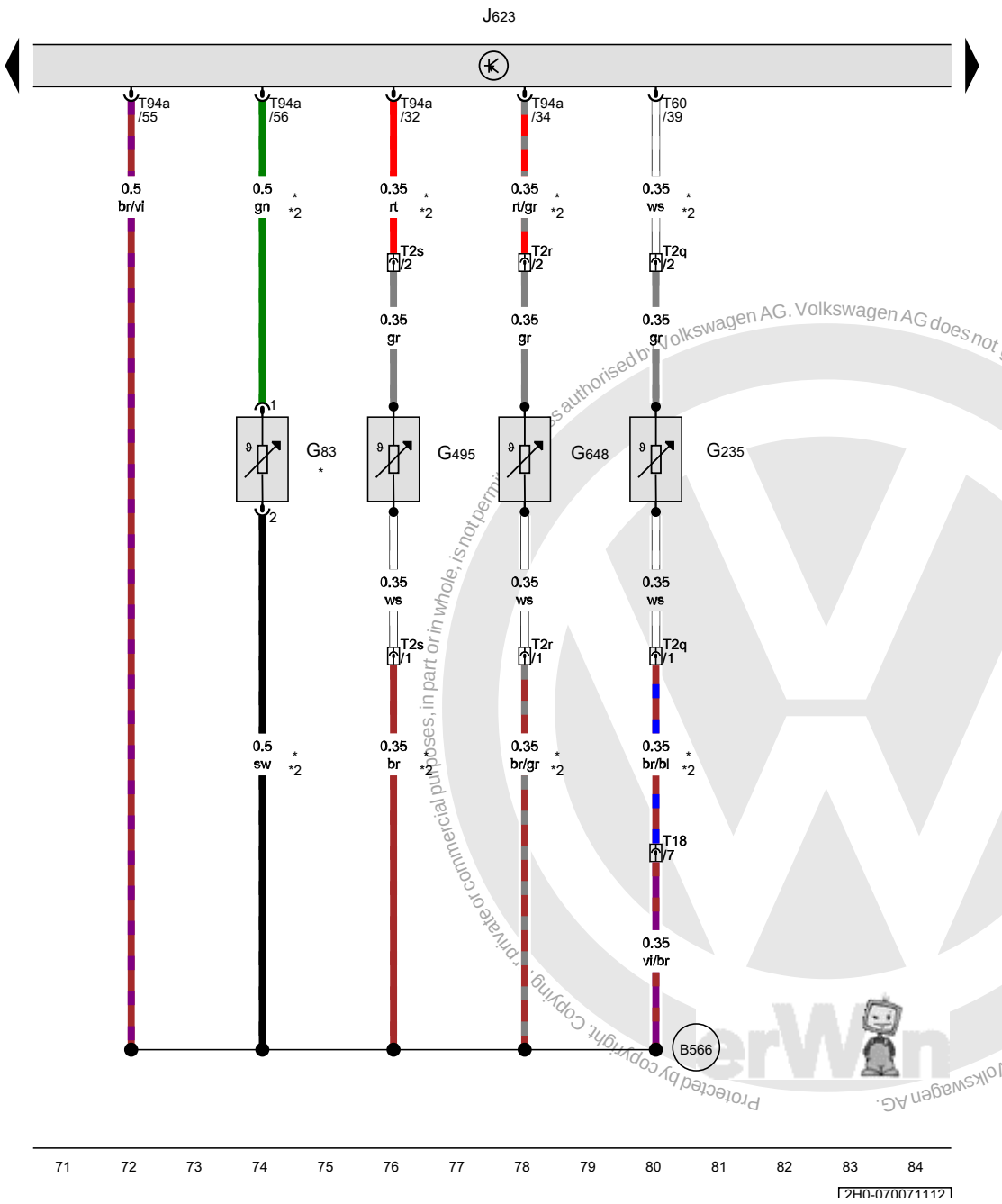

Radiator outlet coolant temperature sender, Exhaust gas temperature sender 1, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Engine control unit

G83	Radiator outlet coolant temperature sender
G235	Exhaust gas temperature sender 1
G495	Exhaust gas temperature sender 3
G648	Exhaust gas temperature sender 4
J623	Engine control unit, near battery
T2q	2-pin connector, black
T2r	2-pin connector, orange
T2s	2-pin connector, brown
T18	18-pin connector, near engine control unit, black
T60	60-pin connector, black
T94a	94-pin connector, black
B566	Connection 33, in main wiring harness
*	Only models with Euro 5 emission standard
*2	Only models with Euro 5 plus emission standard (7MJ)

ws	=	white
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ro	=	red
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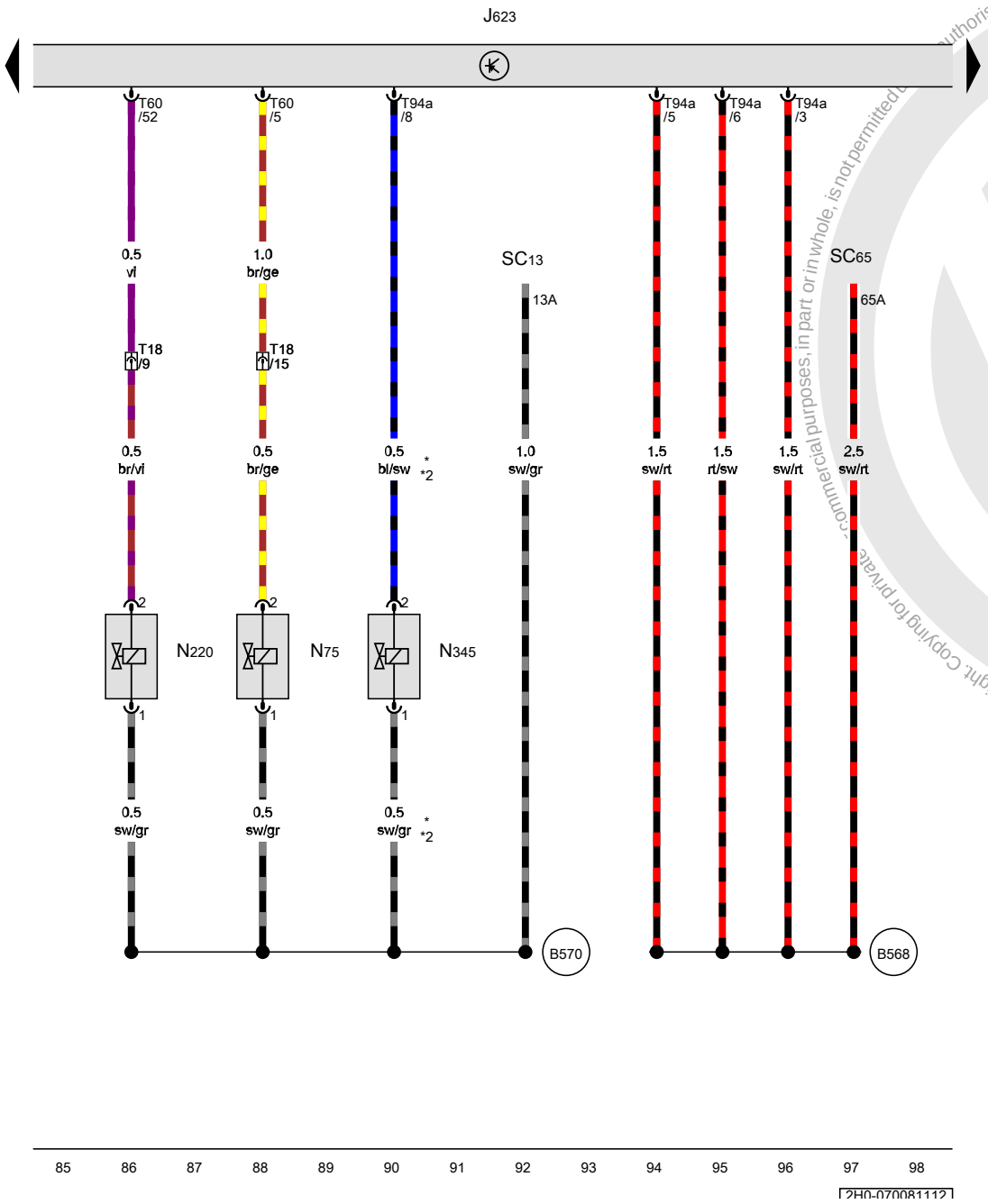

Engine control unit, Charge pressure control solenoid valve, Exhaust flap valve, Exhaust gas recirculation cooler changeover valve, Fuse 13 on fuse holder C, Fuse 65 on fuse holder C

J623	Engine control unit, near battery
N75	Charge pressure control solenoid valve
N220	Exhaust flap valve
N345	Exhaust gas recirculation cooler changeover valve
SC13	Fuse 13 on fuse holder C
SC65	Fuse 65 on fuse holder C
T18	18-pin connector, near engine control unit, black
T60	60-pin connector, black
T94a	94-pin connector, black
B568	Connection 35, in main wiring harness
B570	Connection 37, in main wiring harness
*	Only models with Euro 5 emission standard
*2	Only models with Euro 5 plus emission standard (7MJ)

ws	=	white
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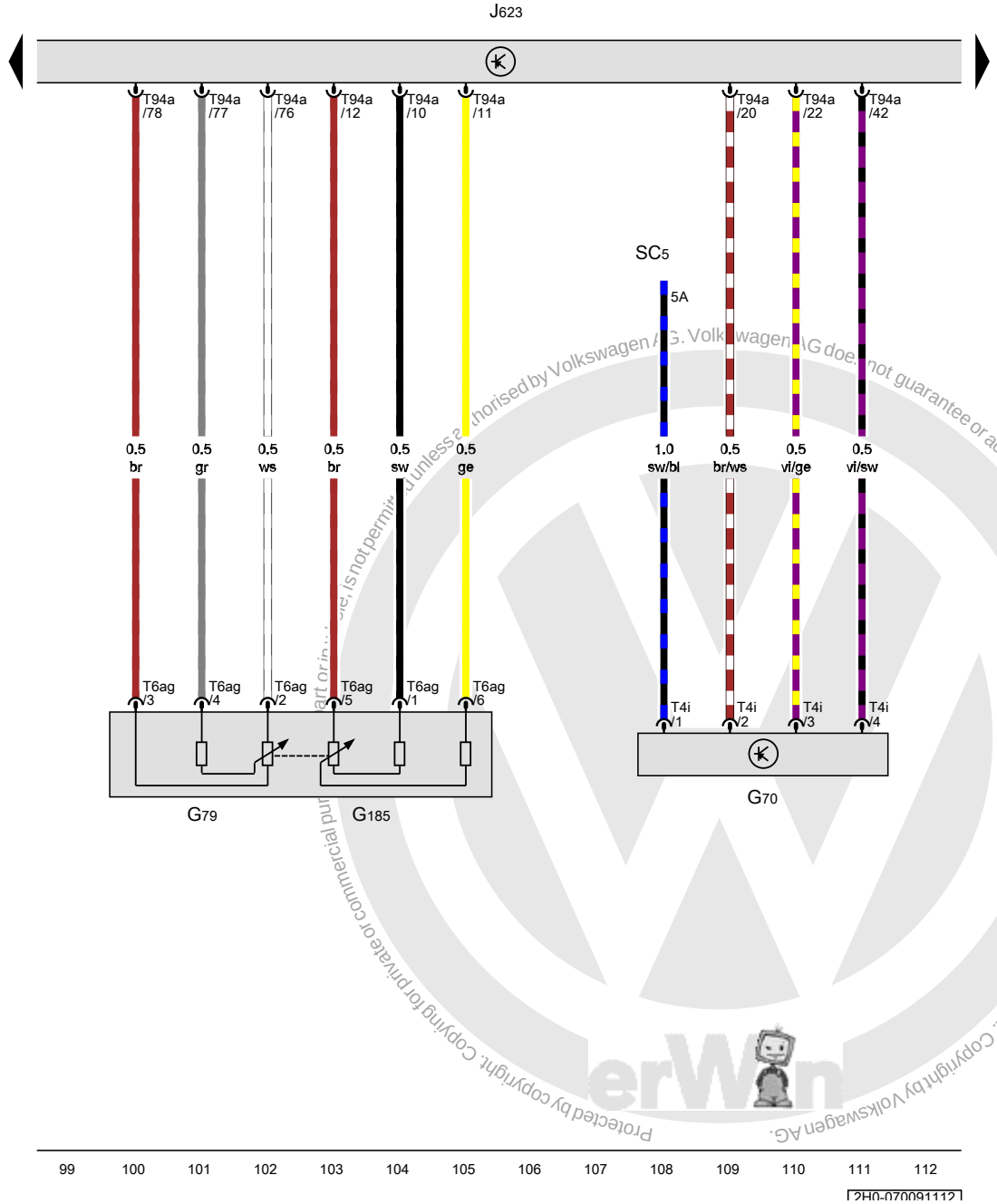
Air mass meter, Accelerator position sender, Accelerator position sender 2, Engine control unit, Fuse 5 on fuse holder C

G70	Air mass meter
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit, near battery
SC5	Fuse 5 on fuse holder C
T4i	4-pin connector, black
T6ag	6-pin connector
T94a	94-pin connector, black



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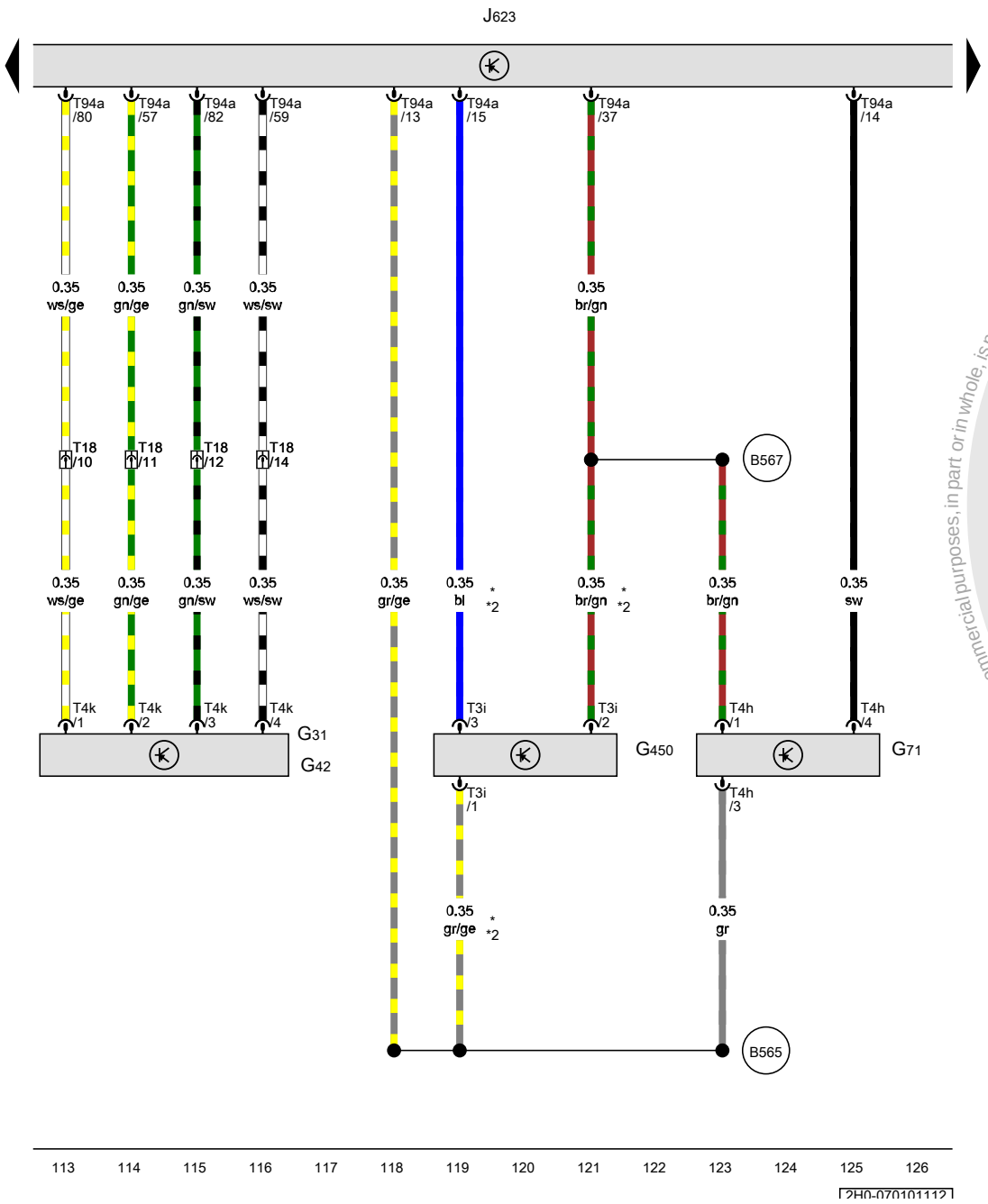

Charge pressure sender, Intake air temperature sender, Intake manifold pressure sender, Exhaust gas pressure sensor 1, Engine control unit

G31	Charge pressure sender
G42	Intake air temperature sender
G71	Intake manifold pressure sender
G450	Exhaust gas pressure sensor 1
J623	Engine control unit, near battery
T3i	3-pin connector, black
T4h	4-pin connector, black
T4k	4-pin connector, black
T18	18-pin connector, near engine control unit, black
T94a	94-pin connector, black
B565	Connection 32, in main wiring harness
B567	Connection 34, in main wiring harness
*	Only models with Euro 5 emission standard
*2	Only models with Euro 5 plus emission standard (7MJ)

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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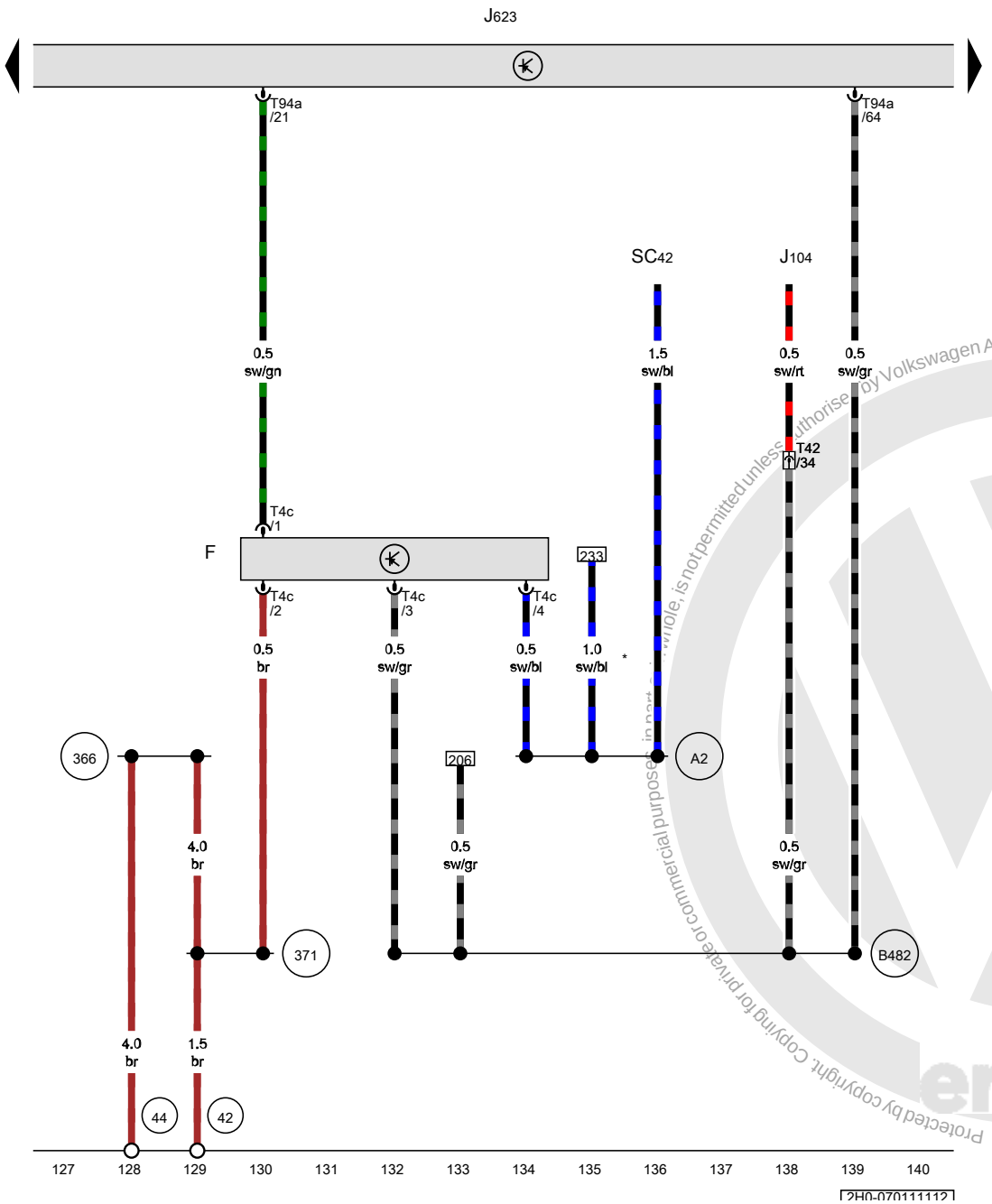

Brake light switch, Engine control unit

F	Brake light switch
J104	ABS control unit
J623	Engine control unit, near battery
SC42	Fuse 42 on fuse holder C
T4c	4-pin connector, black
T42	42-pin connector, near handbrake lever, black
T94a	94-pin connector, black
42	Earth point, next to steering column
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
371	Earth connection 6, in main wiring harness
A2	Positive connection (15), in dash panel wiring harness
B482	Connection 18, in main wiring harness
*	Only models with Euro 5 emission standard

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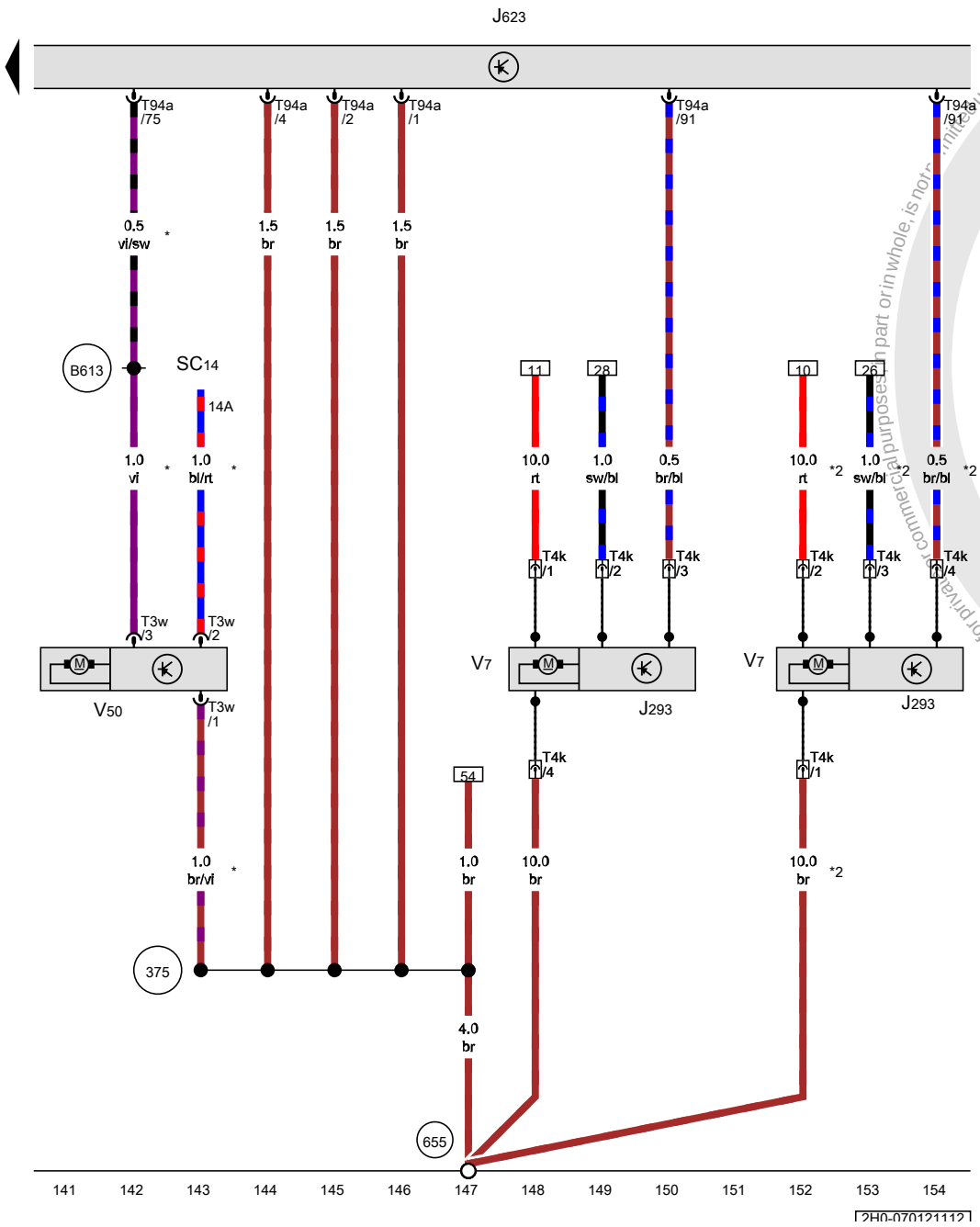
Radiator fan control unit, Engine control unit, Fuse 14 on fuse holder C, Radiator fan, Coolant circulation pump

J293	Radiator fan control unit
J623	Engine control unit, near battery
SC14	Fuse 14 on fuse holder C
T3w	3-pin connector
T4k	4-pin connector, on radiator cowling, black
T94a	94-pin connector, black
V7	Radiator fan
V50	Coolant circulation pump
375	Earth connection 10, in main wiring harness
655	Earth point, on left headlight
B613	Connection 41, in main wiring harness
*	Only models with Euro 5 plus emission standard (7MJ)
*2	Only for countries with hot climate



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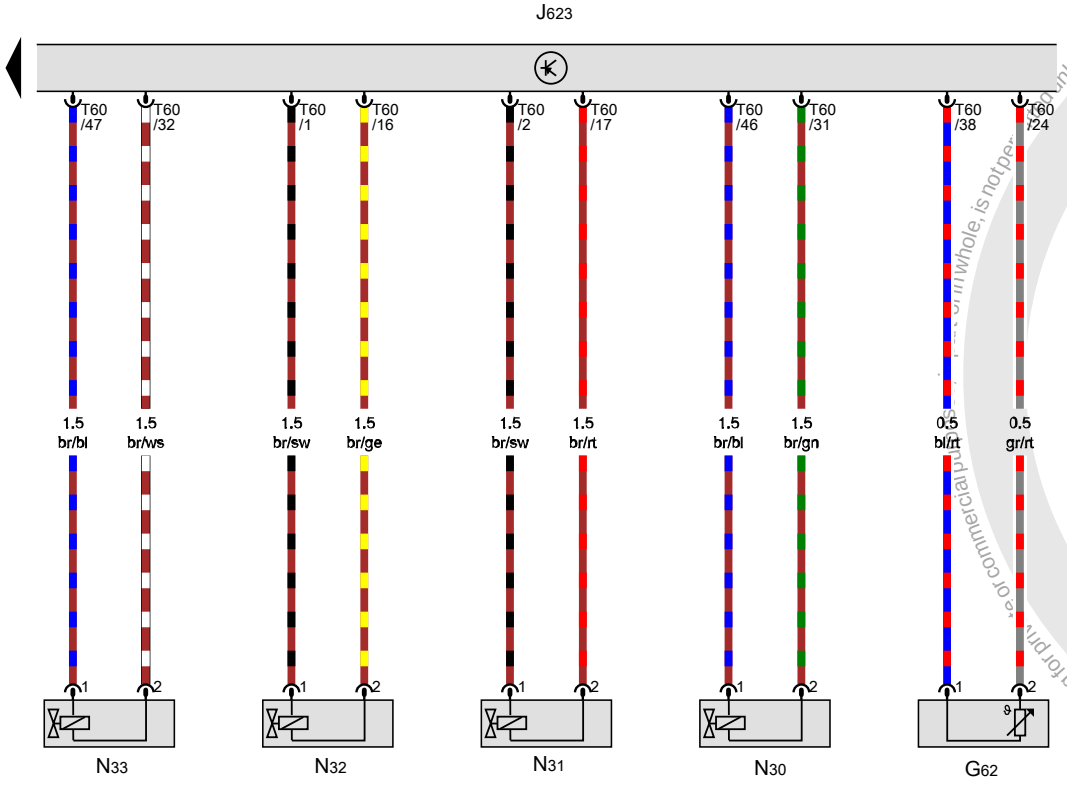
Coolant temperature sender, Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

G62	Coolant temperature sender
J623	Engine control unit, near battery
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T60	60-pin connector, black



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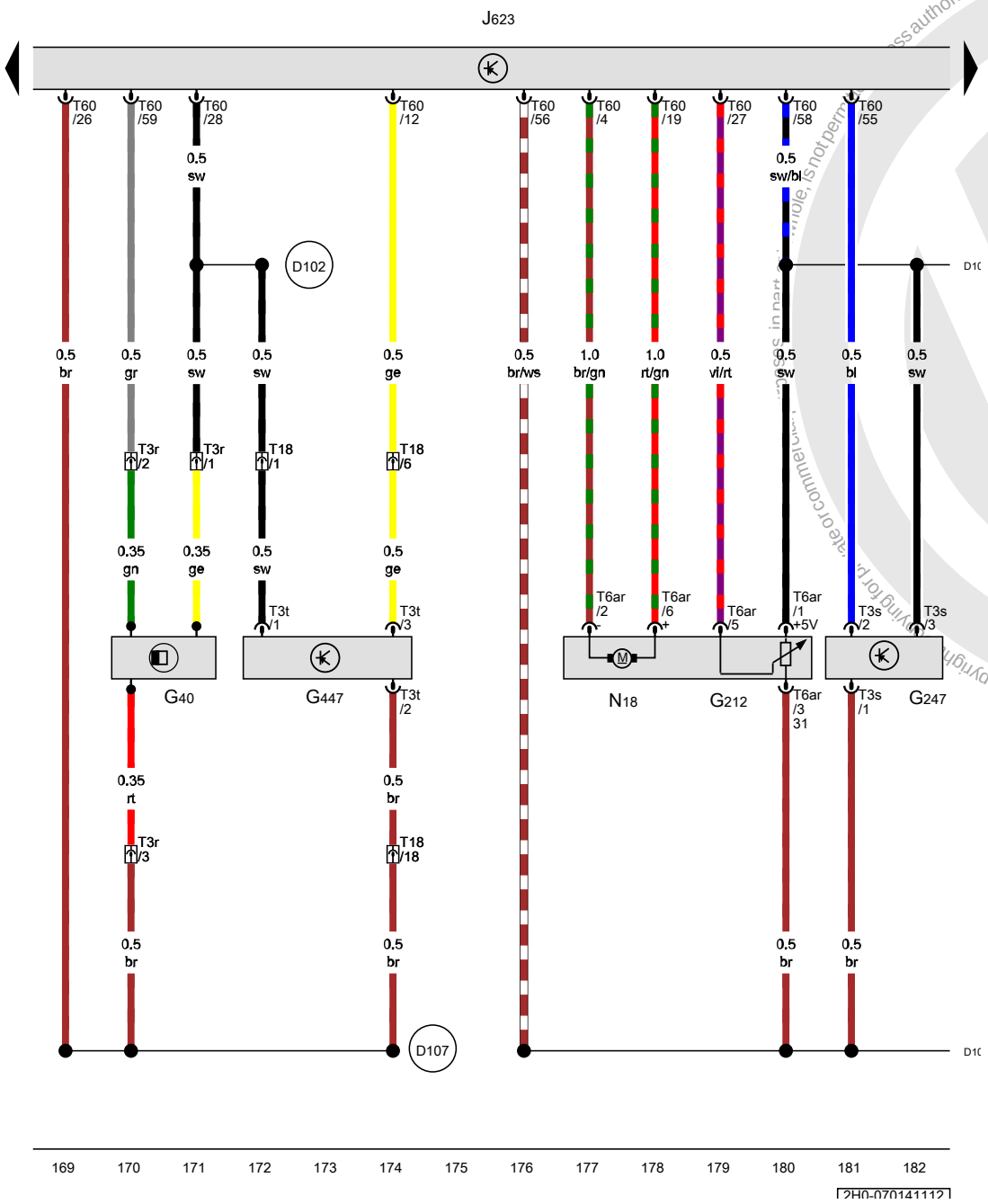

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Hall sender, Exhaust gas recirculation potentiometer, Fuel pressure sender, Charge pressure sender 2, Engine control unit, Exhaust gas recirculation valve

G40	Hall sender
G212	Exhaust gas recirculation potentiometer
G247	Fuel pressure sender
G447	Charge pressure sender 2, on turbocharger air recirculation valve
J623	Engine control unit, near battery
N18	Exhaust gas recirculation valve
T3r	3-pin connector, on front of engine, black
T3s	3-pin connector, black
T3t	3-pin connector
T6ar	6-pin connector, black
T18	18-pin connector, near engine control unit, black
T60	60-pin connector, black
D101	Connection 1 in engine compartment wiring harness
D102	Connection 2 in engine compartment wiring harness
D103	Connection 3 in engine compartment wiring harness
D107	Connection 5 in engine compartment wiring harness

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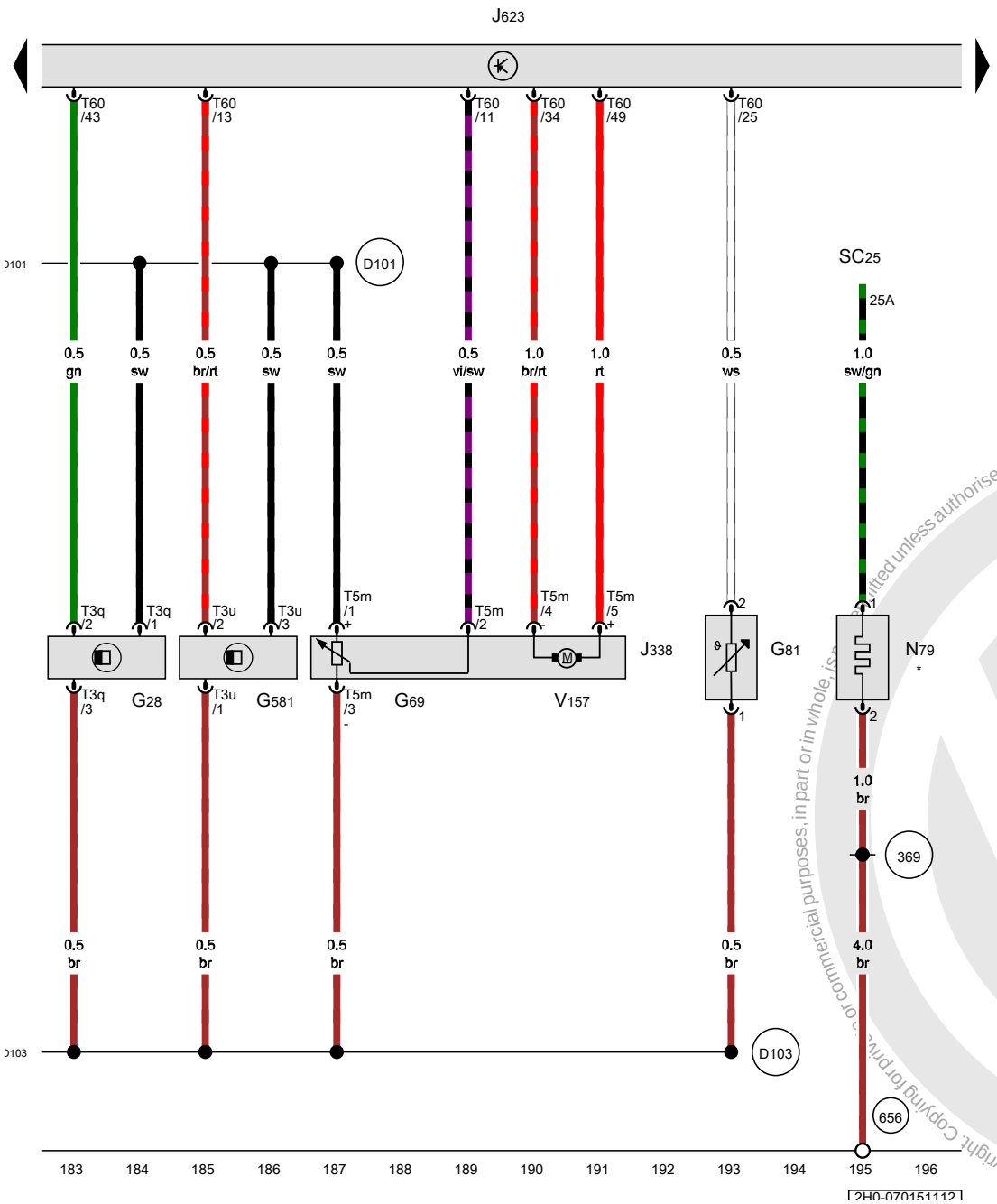

Engine speed sender, Throttle valve potentiometer, Fuel temperature sender, Position sender for charge pressure positioner, Throttle valve module, Engine control unit, Heater element for crankcase breather, Fuse 25 on fuse holder C, Intake manifold flap motor

G28	Engine speed sender
G69	Throttle valve potentiometer
G81	Fuel temperature sender
G581	Position sender for charge pressure positioner
J338	Throttle valve module
J623	Engine control unit, near battery
N79	Heater element for crankcase breather
SC25	Fuse 25 on fuse holder C
T3q	3-pin connector, black
T3u	3-pin connector, black
T5m	5-pin connector
T60	60-pin connector, black
V157	Intake manifold flap motor
369	Earth connection 4, in main wiring harness
656	Earth point, on right headlight
D101	Connection 1 in engine compartment wiring harness
D103	Connection 3 in engine compartment wiring harness
*	Only models with crankcase breather heater element

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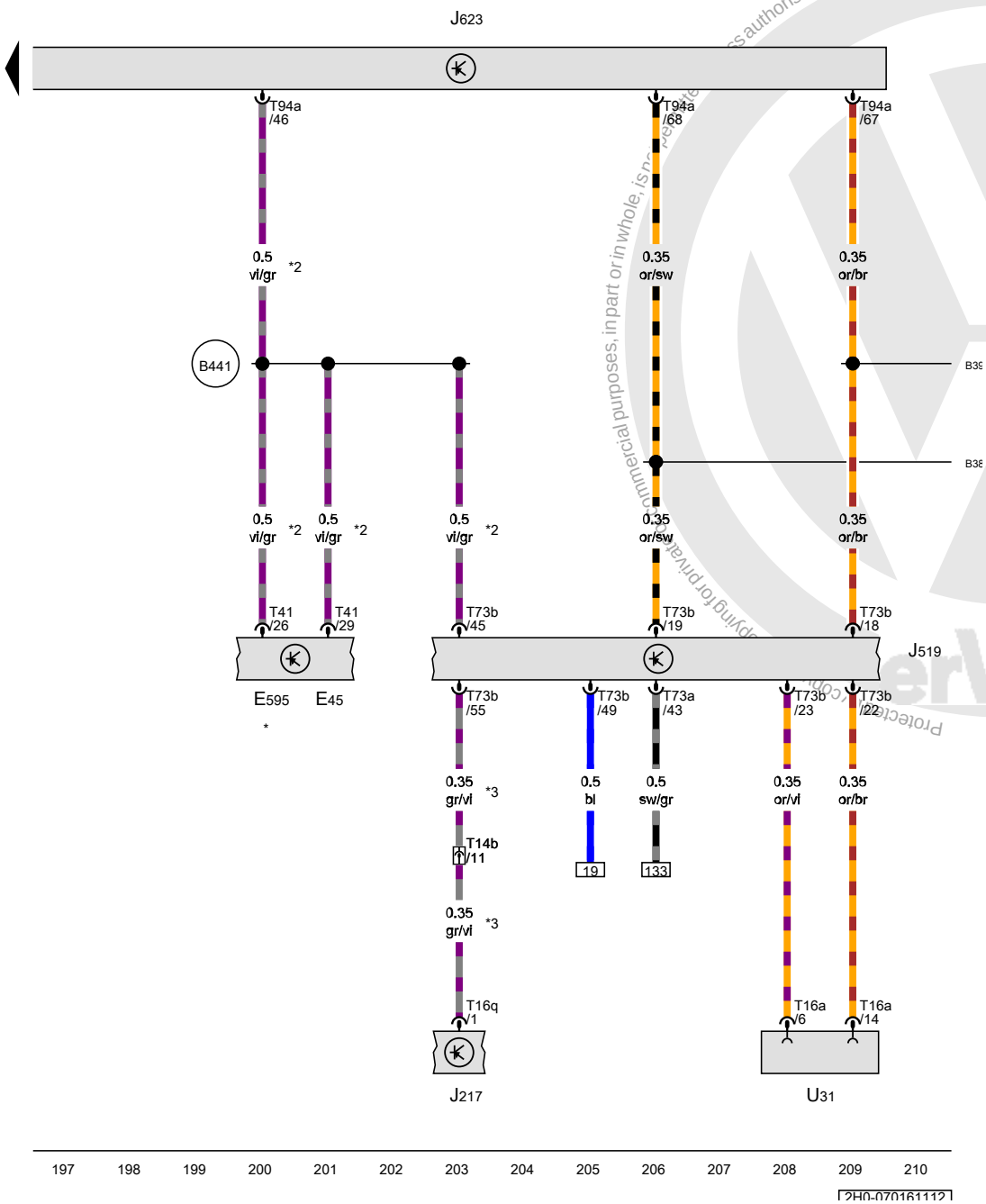

Cruise control system switch, Automatic gearbox control unit, Onboard supply control unit, Engine control unit

E45	Cruise control system switch
E595	Steering column combination switch
J217	Automatic gearbox control unit
J519	Onboard supply control unit
J623	Engine control unit, near battery
T14b	14-pin connector, near battery, black
T16a	16-pin connector
T16q	16-pin connector
T41	41-pin connector, grey
T73a	73-pin connector, black
T73b	73-pin connector, colourless
T94a	94-pin connector, black
U31	Diagnostic connection
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B441	Connection (CCS), in main wiring harness
*	see applicable current flow diagram for basic equipment
*2	Only models with cruise control system (CCS)
*3	see applicable current flow diagram for automatic gearbox

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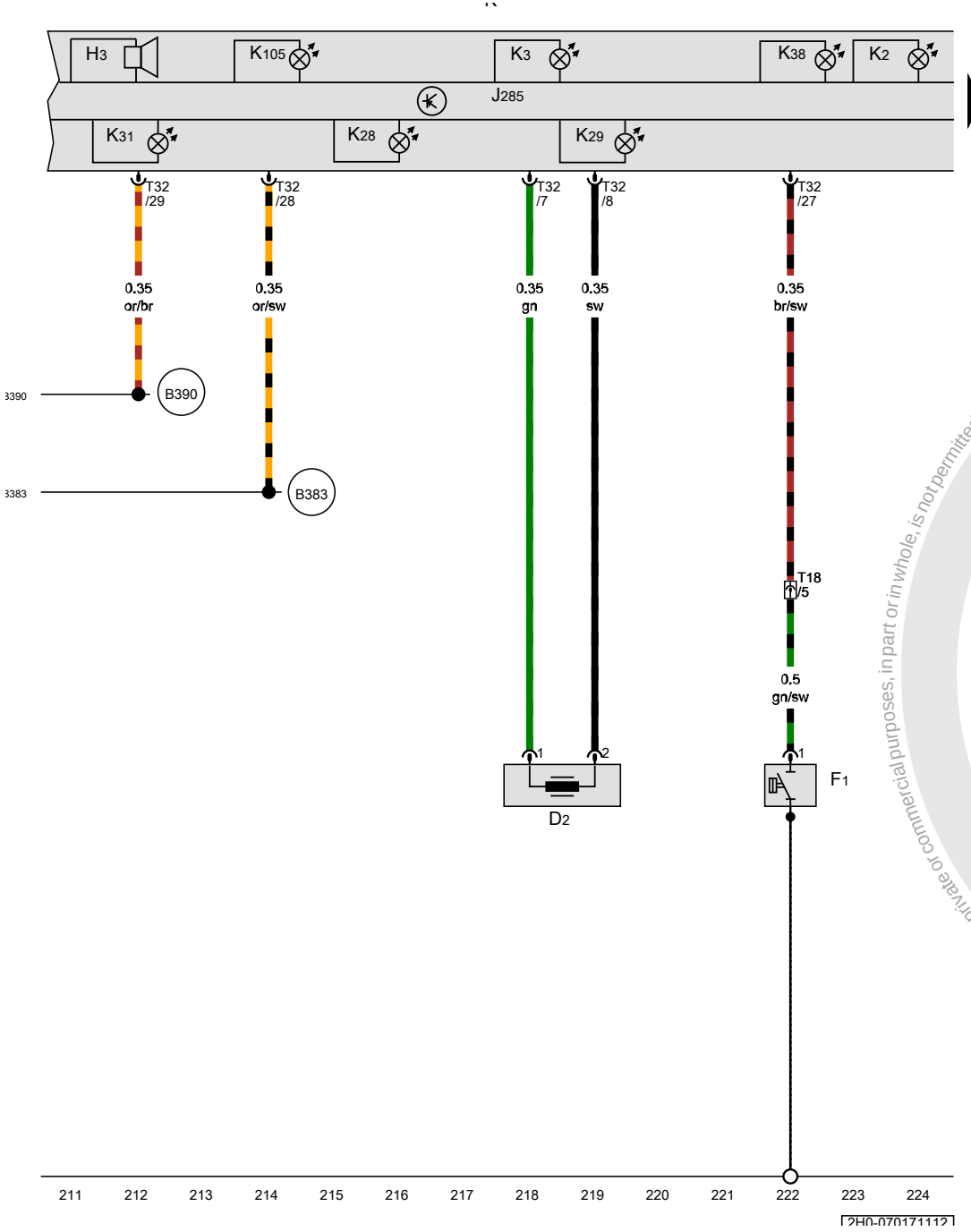

Dash panel insert

D2	Immobiliser reader coil
F1	Oil pressure switch
H3	Buzzer and gong
J285	Control unit in dash panel insert
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K29	Glow period warning lamp
K31	Cruise control system warning lamp
K38	Oil level warning lamp
K105	Reserve fuel warning lamp
T18	18-pin connector, near engine control unit, black
T32	32-pin connector, blue
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness

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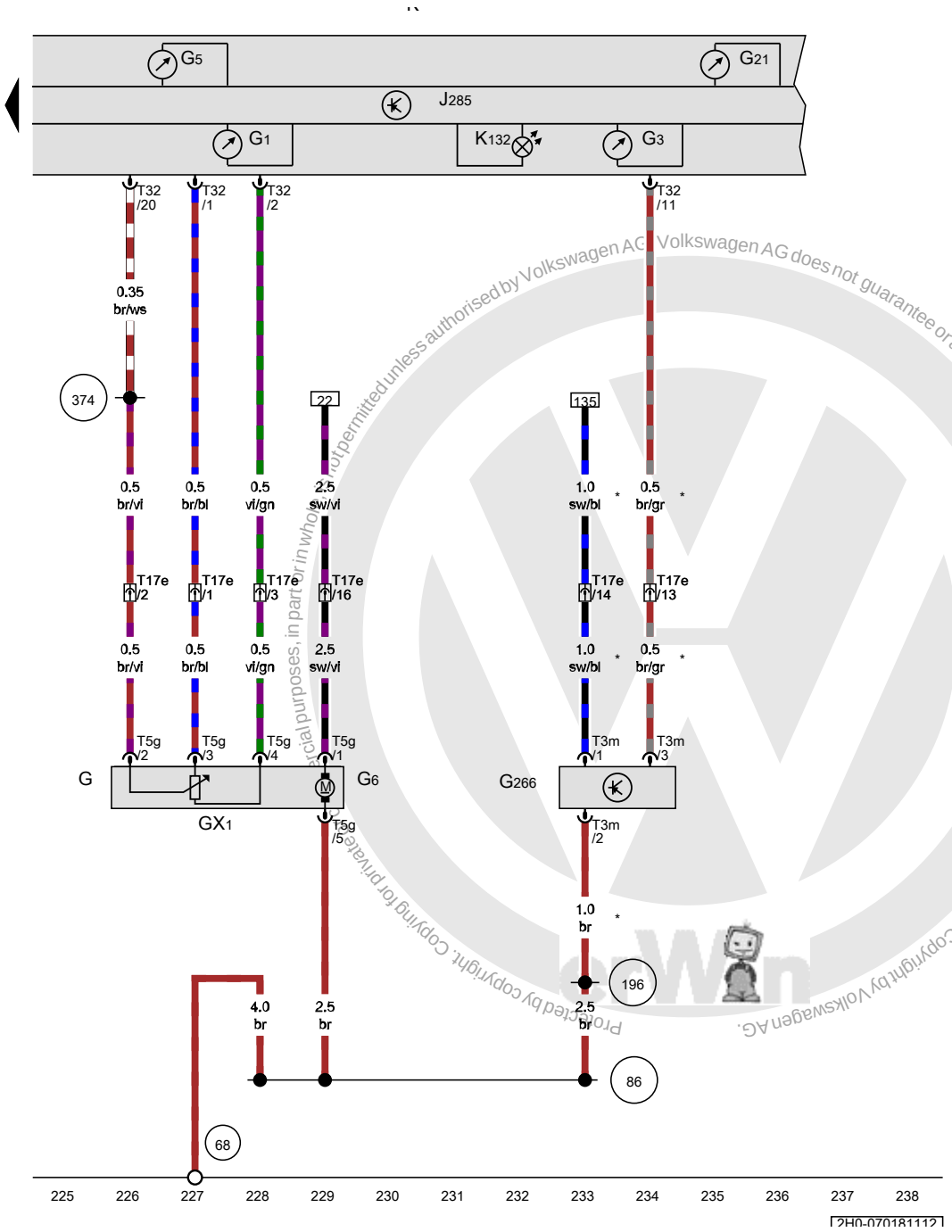

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Oil level and oil temperature sender, Dash panel insert

G	Fuel gauge sender
GX1	Fuel delivery unit
G1	Fuel gauge
G3	Coolant temperature gauge
G5	Rev. counter
G6	Fuel system pressurisation pump
G21	Speedometer
G266	Oil level and oil temperature sender
J285	Control unit in dash panel insert
K	Dash panel insert
K132	Electronic power control fault lamp
T3m	3-pin connector, black
T5g	5-pin connector, black
T17e	17-pin connector, near handbrake lever, red
T32	32-pin connector, blue
68	Earth point, on left of rear cross member
86	Earth connection 1, in rear wiring harness
196	Earth connection 3, in rear wiring harness
374	Earth connection 9, in main wiring harness
*	Only models with Euro 5 emission standard

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Multifunction steering wheel

From June 2012

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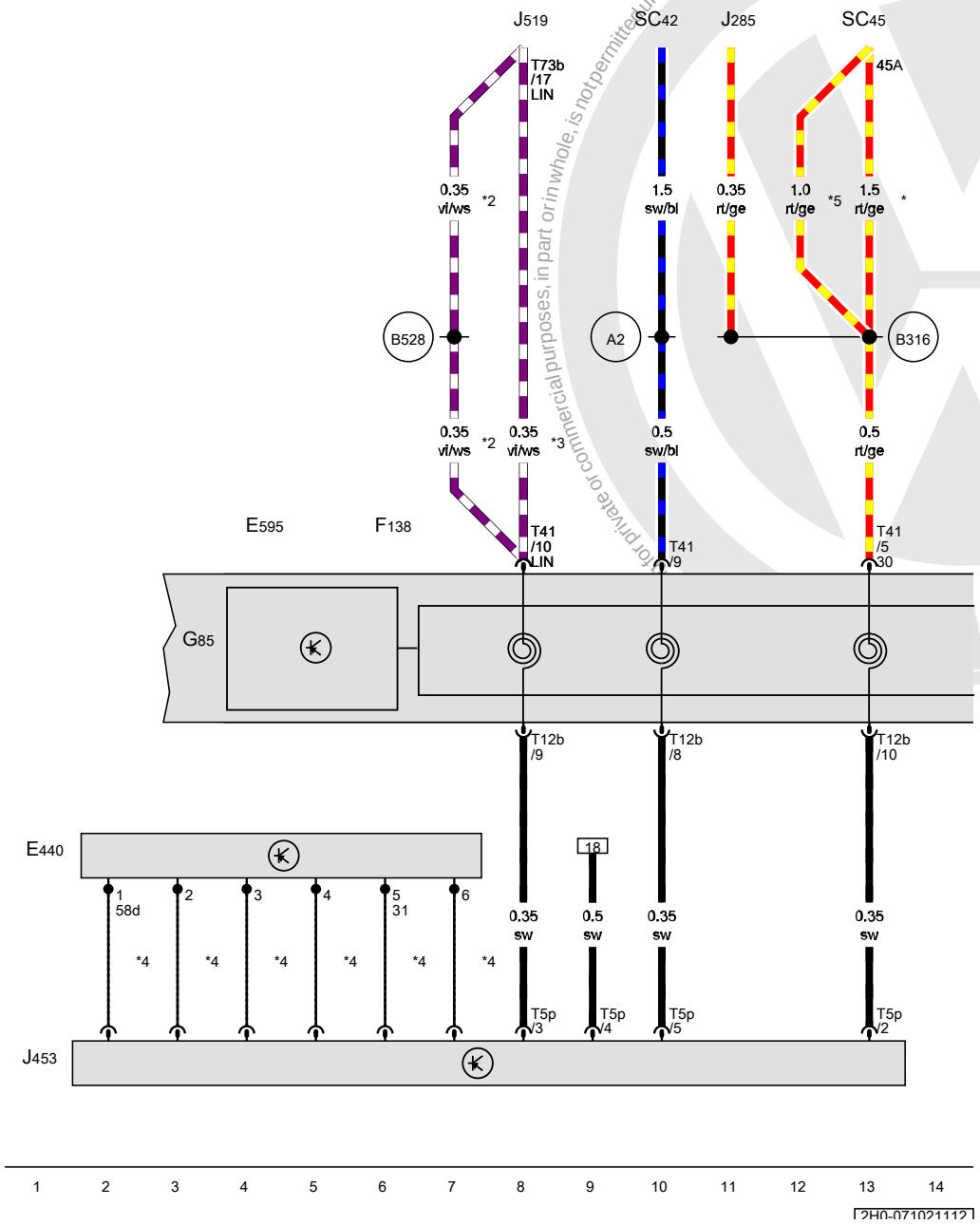

Steering column combination switch, Multifunction steering wheel control unit, Fuse 42 on fuse holder C, Fuse 45 on fuse holder C

E440	Multifunction buttons on left in steering wheel
E595	Steering column combination switch
F138	Airbag coil connector and return ring with slip ring
G85	Steering angle sender
J285	Control unit in dash panel insert
J453	Multifunction steering wheel control unit, in steering wheel
J519	Onboard supply control unit
SC42	Fuse 42 on fuse holder C
SC45	Fuse 45 on fuse holder C
T5p	5-pin connector, black
T12b	12-pin connector, yellow
T41	41-pin connector, grey
T73b	73-pin connector, colourless
A2	Positive connection (15), in dash panel wiring harness
B316	Positive connection 2 (30a) in main wiring harness
B528	Connection 1 (LIN bus) in main wiring harness
*	Up to January 2013
*2	Only models with electric window regulators
*3	Only vehicles without electric window regulators
*4	Flat conductor
*5	From February 2013

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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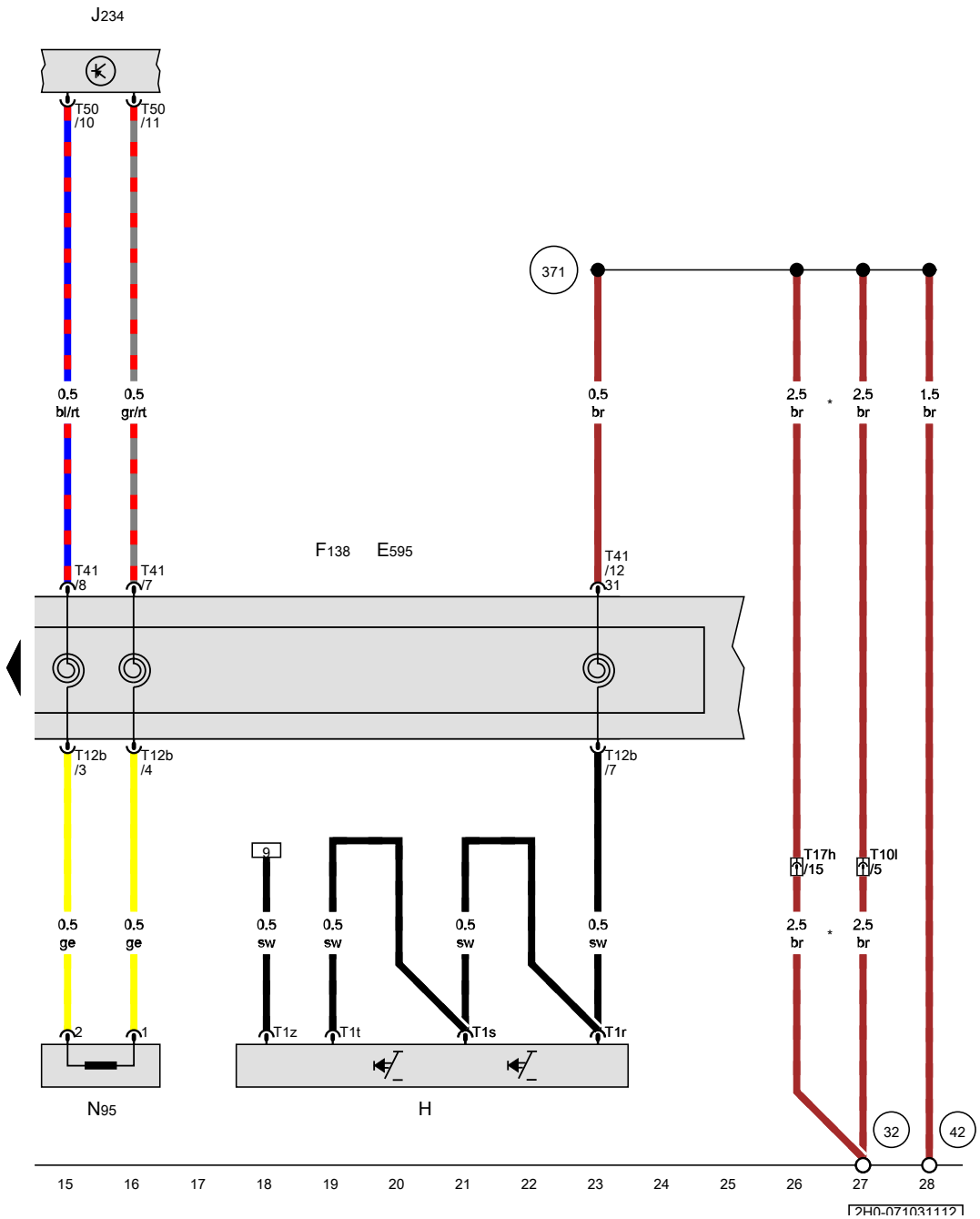

ws = white
sw = black
ro = red
br = brown
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bl = blue
gr = grey
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Steering column combination switch, Airbag control unit

E595	Steering column combination switch
F138	Airbag coil connector and return ring with slip ring
H	Horn plate, in steering wheel
J234	Airbag control unit
N95	Driver side airbag igniter, in steering wheel
T1r	Single connector, black
T1s	Single connector, black
T1t	Single connector, black
T1z	Single connector, black
T10l	10-pin connector, on left under dash panel, blue
T12b	12-pin connector, yellow
T17h	17-pin connector, on left under dash panel, blue
T41	41-pin connector, grey
T50	50-pin connector, light green
32	Earth point, on left behind dash panel
42	Earth point, next to steering column
371	Earth connection 6, in main wiring harness
*	From February 2013

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8-speed automatic gearbox with Tiptronic , (G1G)

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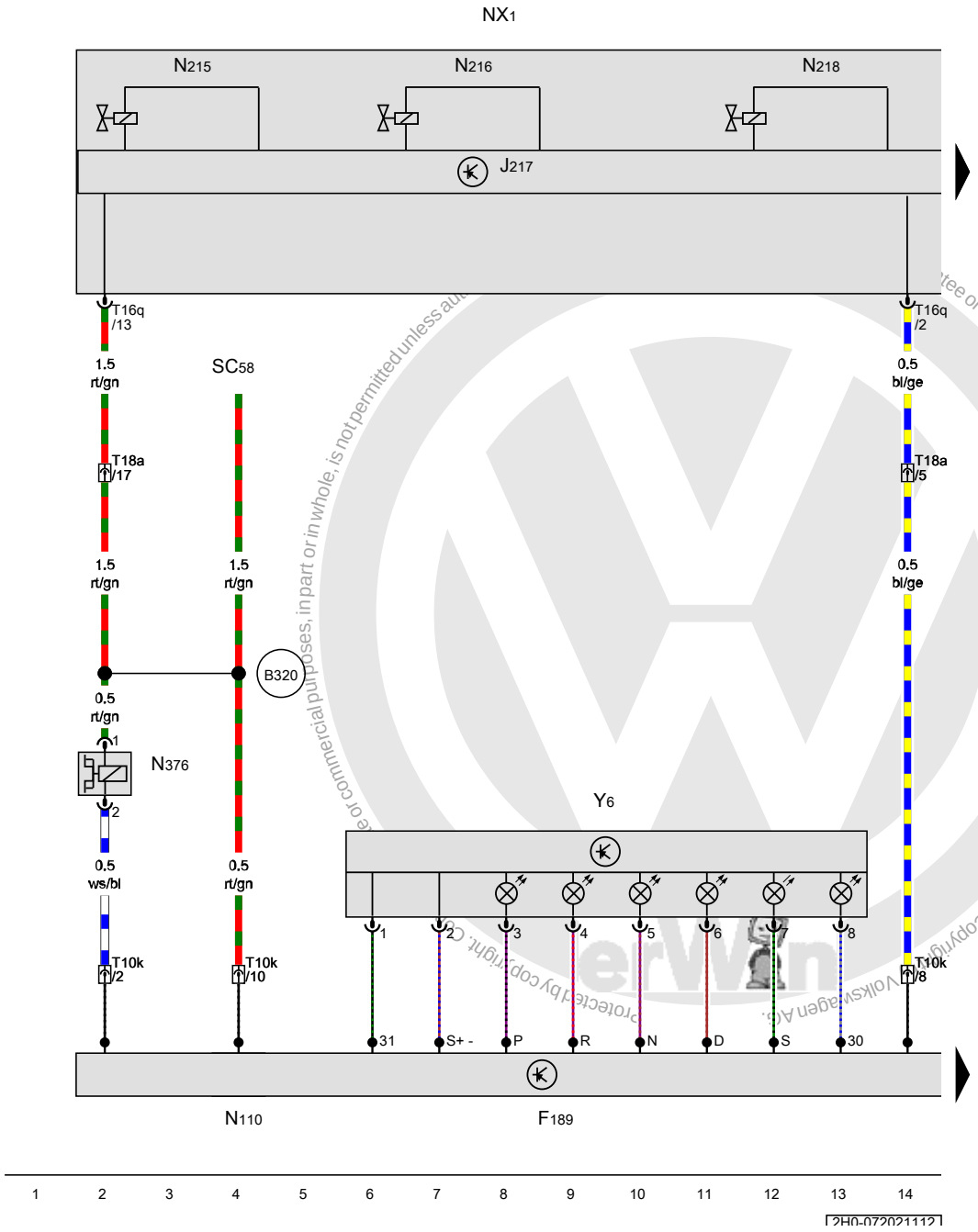

Tiptronic switch, Gearbox, Ignition key withdrawal lock solenoid, Fuse 58 on fuse holder C, Selector lever position display

F189	Tiptronic switch
J217	Automatic gearbox control unit, in gearbox
NX1	Gearbox
N110	Selector lever lock solenoid
N215	Automatic gearbox pressure regulating valve 1
N216	Automatic gearbox pressure regulating valve 2
N218	Automatic gearbox pressure regulating valve 4
N376	Ignition key withdrawal lock solenoid
SC58	Fuse 58 on fuse holder C
T10k	10-pin connector, in centre console, near handbrake lever, black
T16q	16-pin connector, black
T18a	18-pin connector, near battery, grey
Y6	Selector lever position display
B320	Positive connection 6 (30a) in main wiring harness

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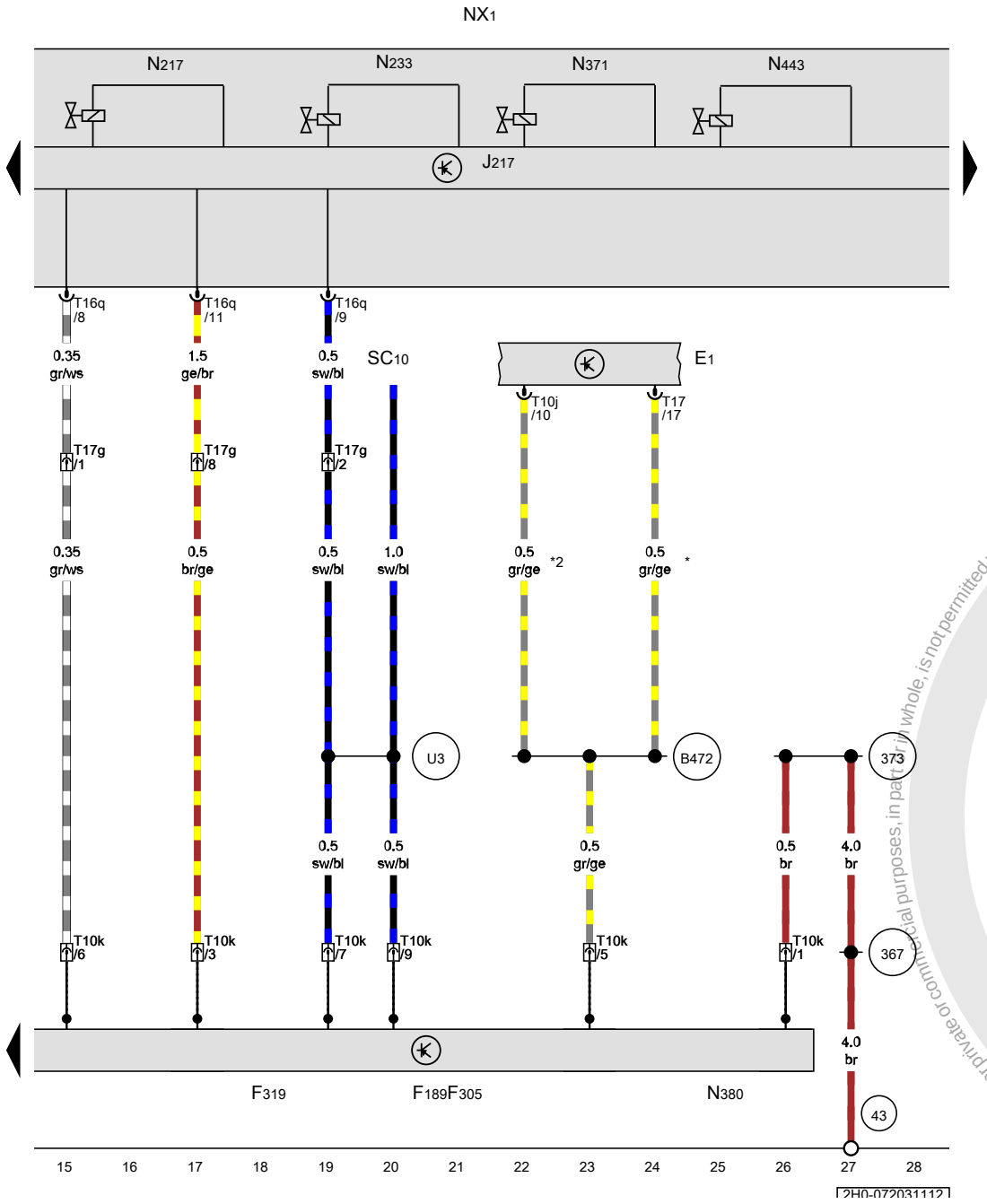

Light switch, Tiptronic switch, Gearbox

E1	Light switch
F189	Tiptronic switch
F305	Gear selector position P switch
F319	Selector lever locked in position P switch
J217	Automatic gearbox control unit, in gearbox
NX1	Gearbox
N217	Automatic gearbox pressure regulating valve 3
N233	Automatic gearbox pressure regulating valve 5
N371	Automatic gearbox pressure regulating valve 6
N380	Selector lever position P solenoid
N443	Automatic gearbox pressure regulating valve 7
SC10	Fuse 10 on fuse holder C
T10j	10-pin connector
T10k	10-pin connector, in centre console, near handbrake lever, black
T16q	16-pin connector
T17	17-pin connector
T17g	17-pin connector, near handbrake lever, black
43	Earth point, lower part of right A-pillar
367	Earth connection 2, in main wiring harness
373	Earth connection 8, in main wiring harness
B472	Connection 8, in main wiring harness
U3	Connection 1, in automatic gearbox wiring harness
*	Only models with no start/stop system
*2	Only models with start/stop system

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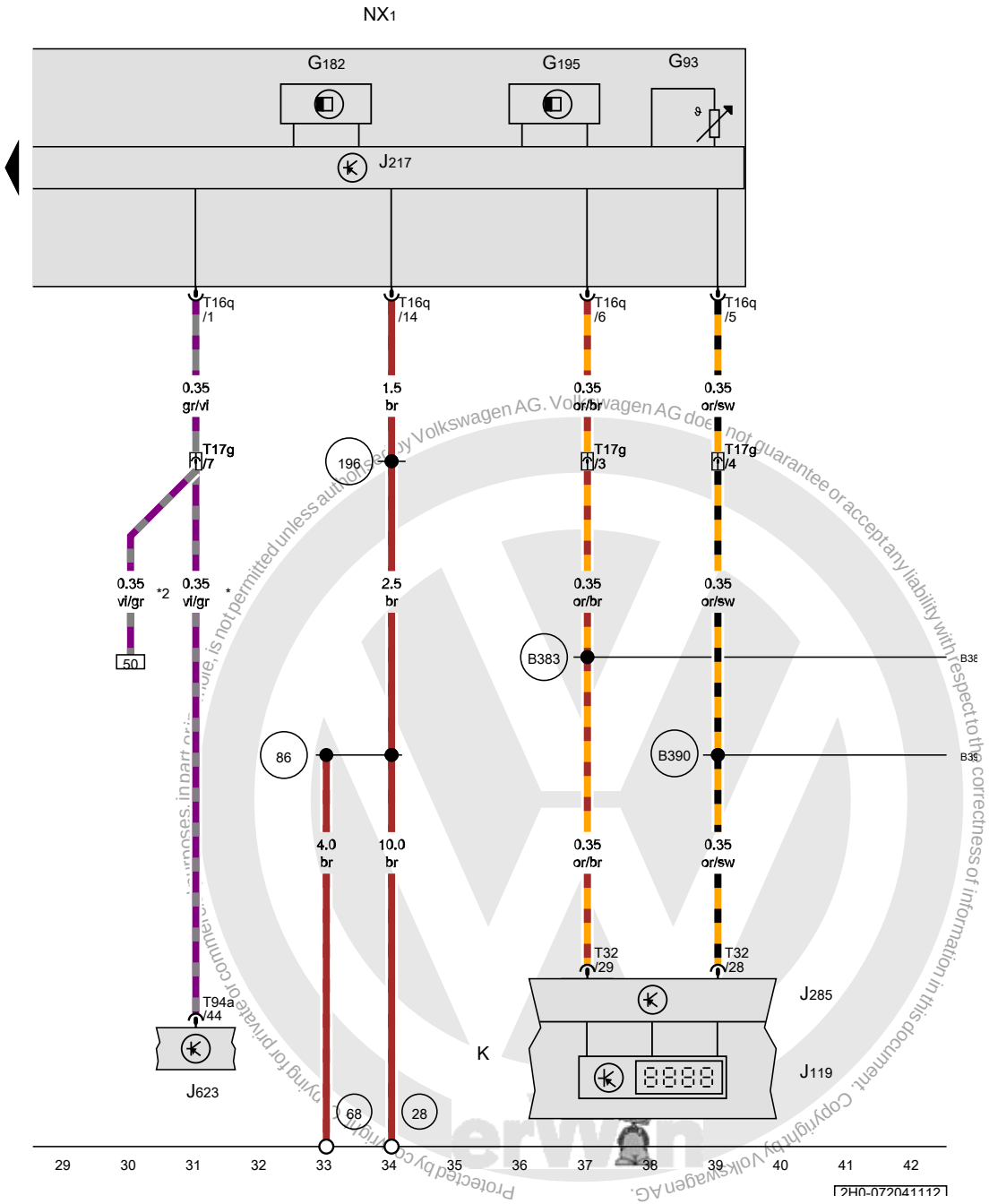

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Dash panel insert, Gearbox

G93	Gearbox oil temperature sender
G182	Gearbox input speed sender
G195	Gearbox output speed sender
J119	Multifunction indicator
J217	Automatic gearbox control unit, in gearbox
J285	Control unit in dash panel insert
J623	Engine control unit
K	Dash panel insert
NX1	Gearbox
T16q	16-pin connector
T17g	17-pin connector, near handbrake lever, black
T32	32-pin connector, blue
T94a	94-pin connector, black
28	Earth point, on bulkhead
68	Earth point, on left of rear cross member
86	Earth connection 1, in rear wiring harness
196	Earth connection 3, in rear wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	Only models with start/stop system
*2	Only models with no start/stop system

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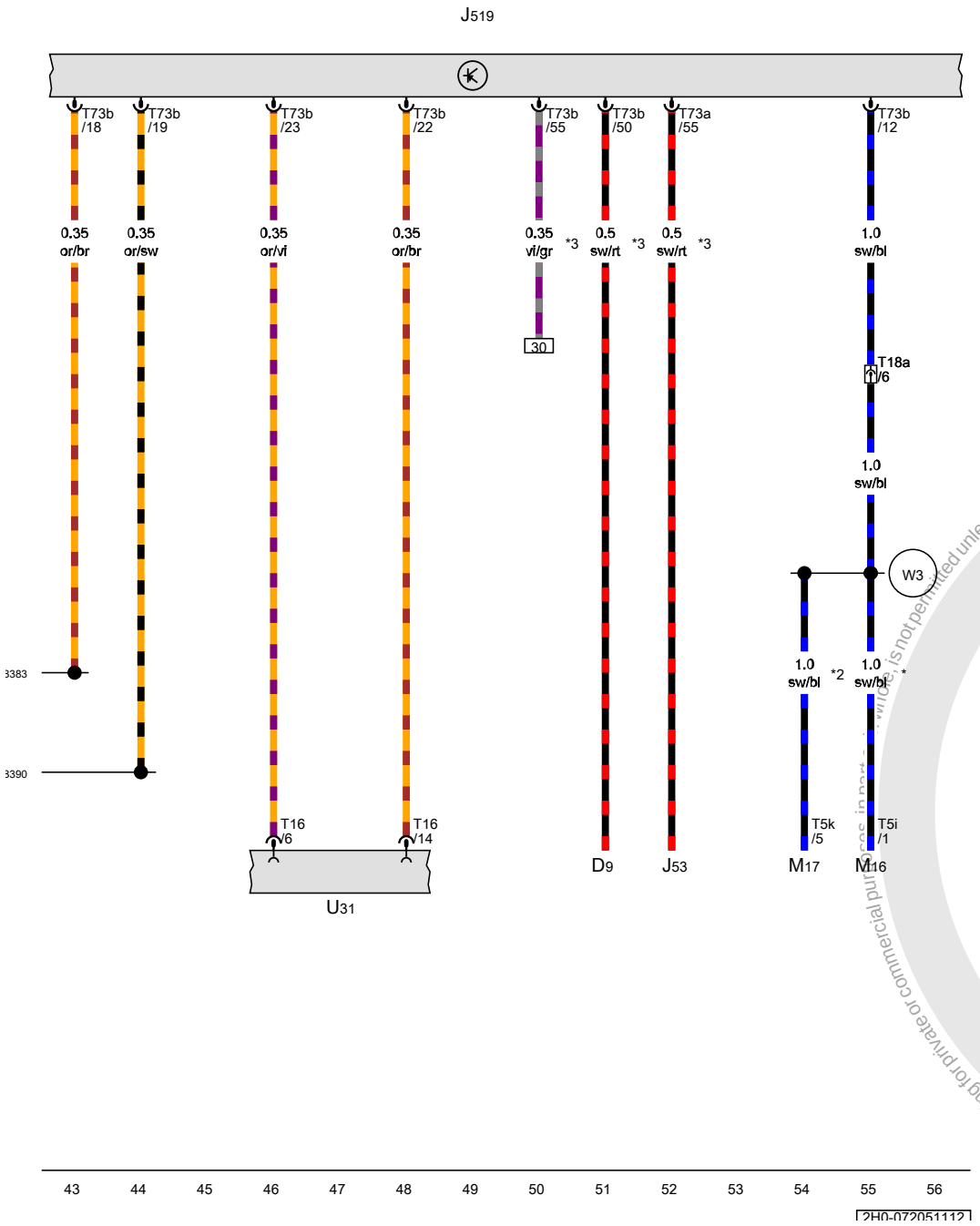

Electronic ignition lock

D9	Electronic ignition lock
J53	Starter motor relay
J519	Onboard supply control unit
M16	Left reversing light bulb
M17	Right reversing light bulb
T5i	5-pin connector
T5k	5-pin connector
T16	16-pin connector
T18a	18-pin connector, near battery, grey
T73a	73-pin connector
T73b	73-pin connector
U31	Diagnostic connection
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
W3	Connection in rear wiring harness
*	Only right-hand drive models
*2	Only left-hand drive models
*3	Only models with no start/stop system

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Hardtop

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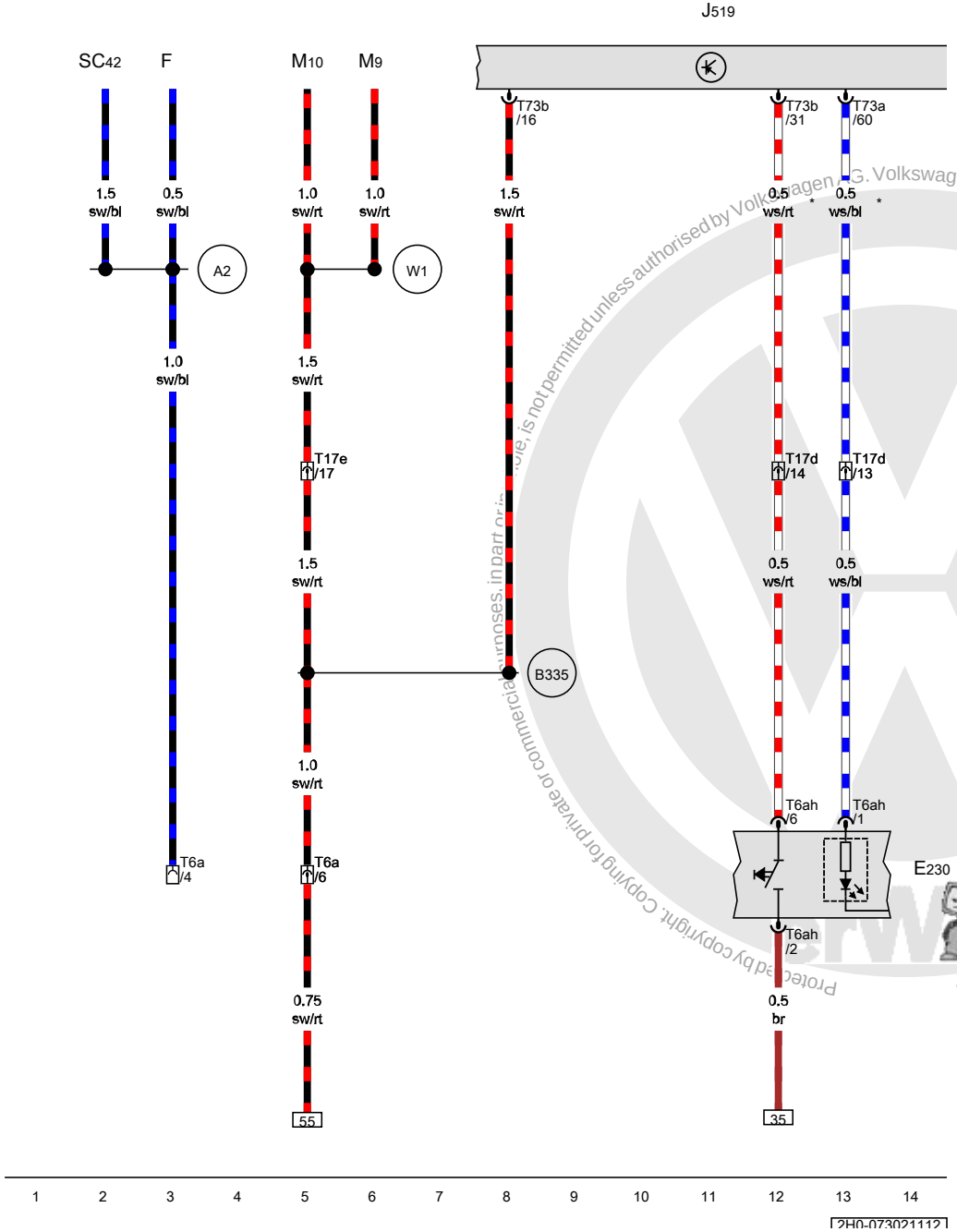

Heated rear window button, Brake light switch, Onboard supply control unit, Fuse 42 on fuse holder C

E230	Heated rear window button
F	Brake light switch
J519	Onboard supply control unit
M9	Left brake light bulb
M10	Right brake light bulb
SC42	Fuse 42 on fuse holder C
T6a	6-pin connector, on rear roof module, black
T6ah	6-pin connector
T17d	17-pin connector, on left under dash panel
T17e	17-pin connector, near handbrake lever, red
T73a	73-pin connector, black
T73b	73-pin connector, colourless
A2	Positive connection (15), in dash panel wiring harness
B335	Connection 1 (54), in main wiring harness
W1	Positive connection 1 (54), in rear wiring harness
*	see applicable current flow diagram for basic equipment

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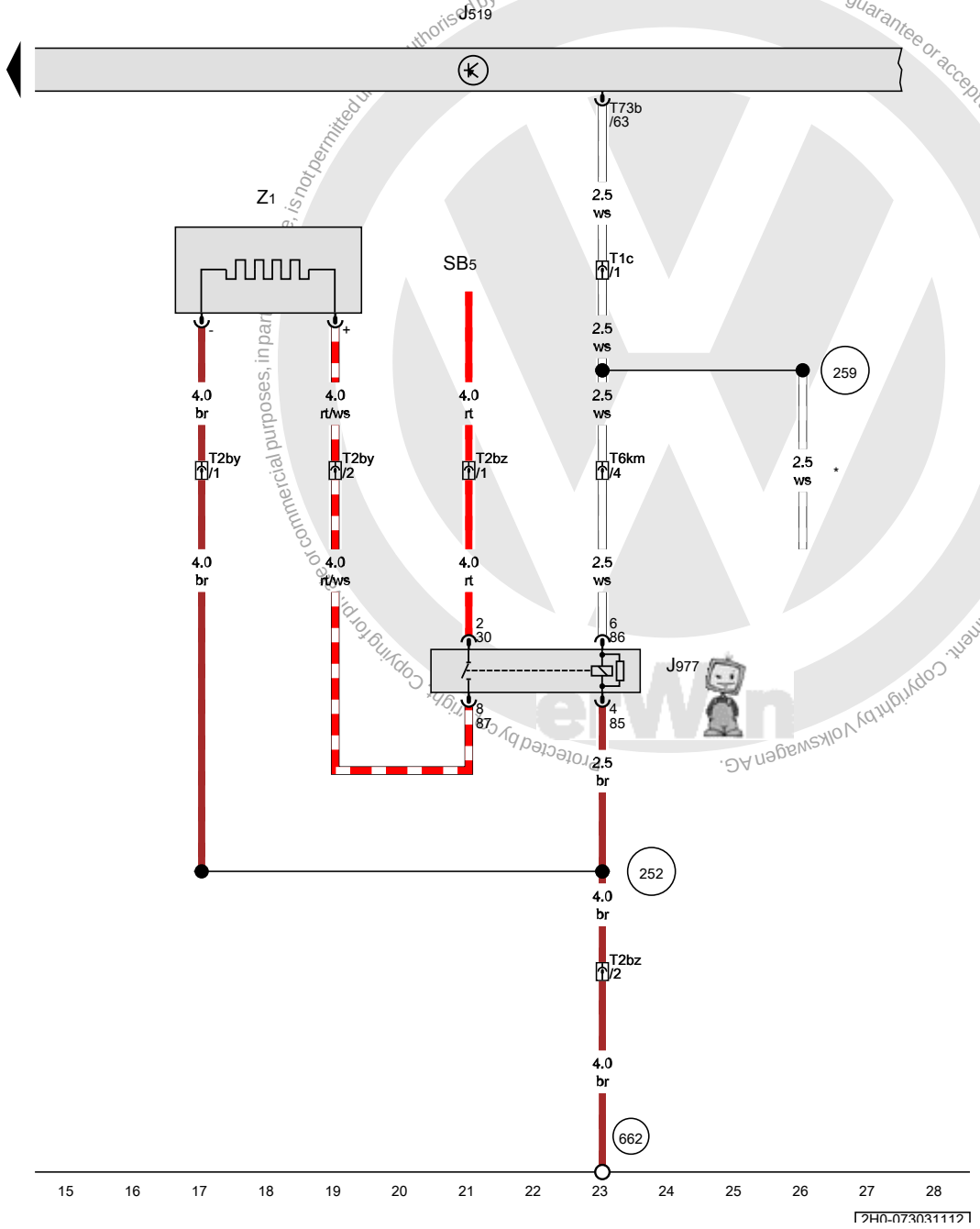

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Onboard supply control unit, Terminal 30 relay, Fuse 5 on fuse holder B, Heated rear window

J519	Onboard supply control unit
J977	Terminal 30 relay, near rear lid, behind moulded headliner
SB5	Fuse 5 on fuse holder B
T1c	Single connector, near left C-pillar
T2by	2-pin connector, Coupling point for rear lid, black
T2bz	2-pin connector, in rear left side panel, black
T6km	6-pin connector, near rear lid, behind moulded headliner, black
T73b	73-pin connector, colourless
Z1	Heated rear window
252	Earth connection, in optional equipment wiring harness
259	Earth connection 2, in optional equipment wiring harness
662	Earth point, rear left side panel
*	Wiring open end

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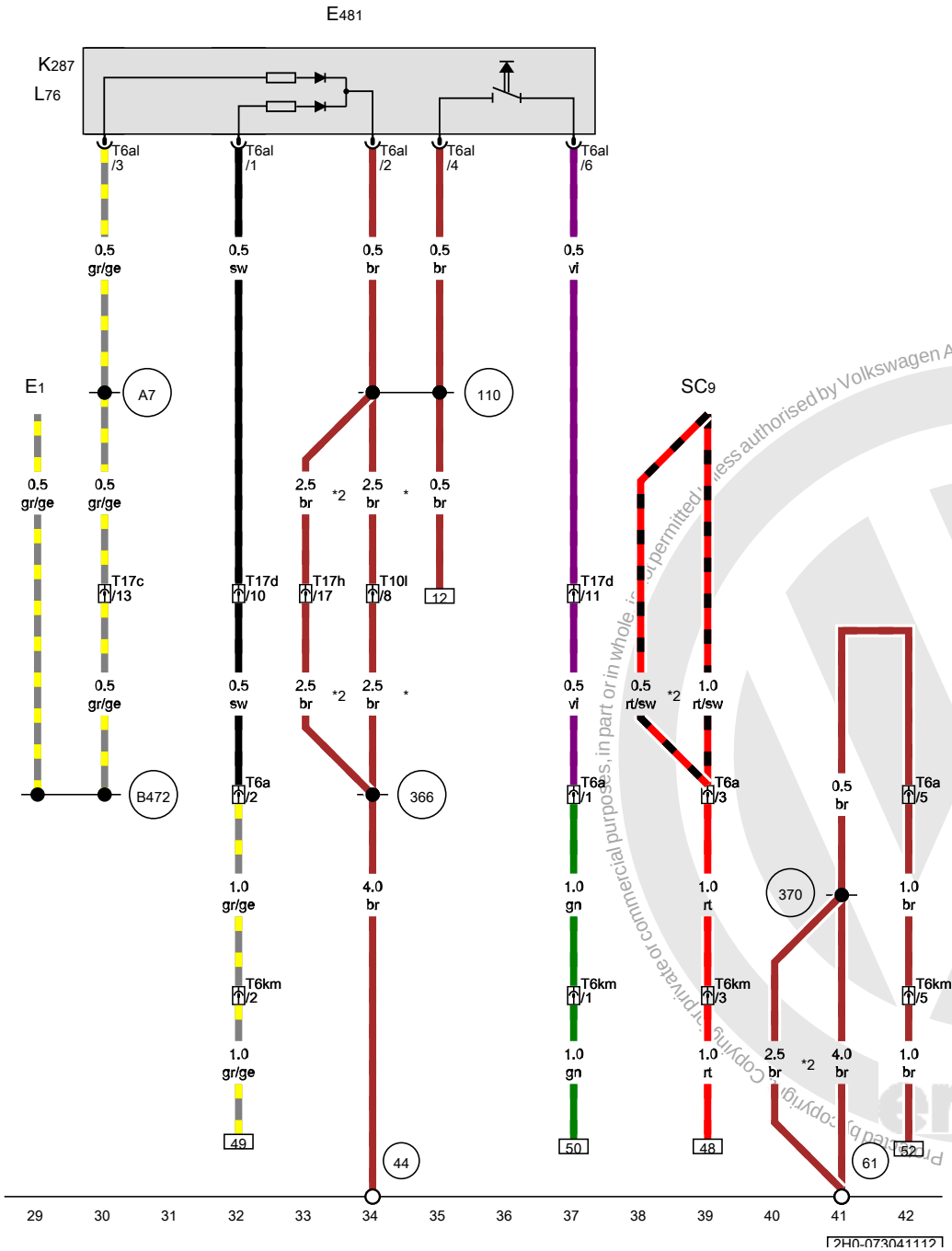

Load area illumination switch, Fuse 9 on fuse holder C

E1	Light switch
E481	Load area illumination switch, near radio
K287	Function monitor warning lamp
L76	Button illumination bulb
SC9	Fuse 9 on fuse holder C
T6a	6-pin connector, on rear roof module, black
T6al	6-pin connector, blue
T6km	6-pin connector, near rear lid, behind moulded headliner, black
T10l	10-pin connector, on left under dash panel, blue
T17c	17-pin connector, on left under dash panel
T17d	17-pin connector, on left under dash panel
T17h	17-pin connector, on left under dash panel, blue
44	Earth point, lower part of left A-pillar
61	Earth point, left C-pillar
110	Earth connection 2, in dash panel wiring harness
366	Earth connection 1, in main wiring harness
370	Earth connection 5, in main wiring harness
A7	Positive connection (58 D1), in dash panel wiring harness
B472	Connection 8, in main wiring harness
*	Up to January 2013
*2	From February 2013

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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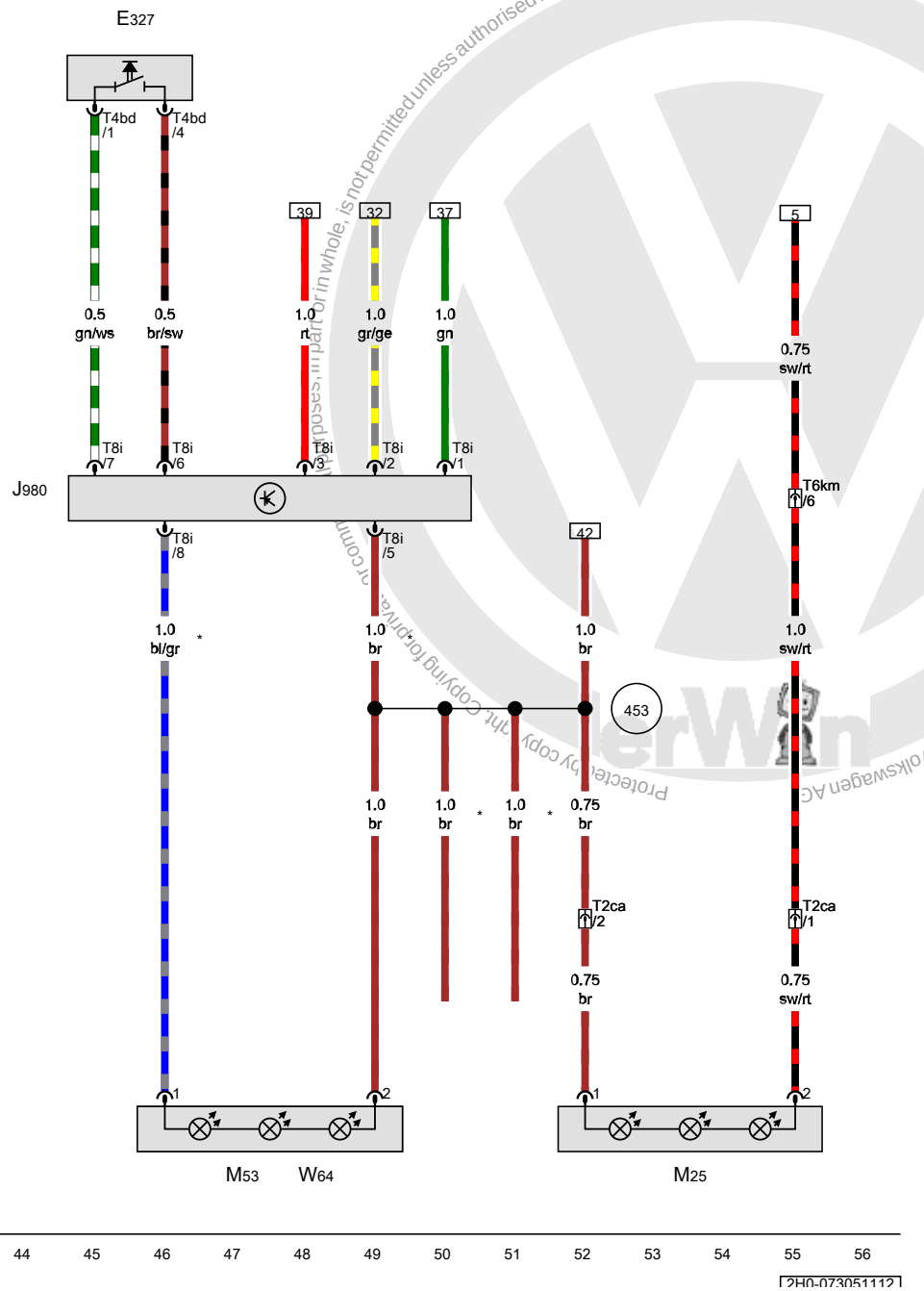

Rear interior light button, Control unit for special installations, Additional brake light bulb, Load area illumination bulb

E327	Rear interior light button, in left D-pillar
J980	Control unit for special installations, near rear lid, behind moulded headliner
M25	Additional brake light bulb
M53	Load area illumination bulb
T2ca	2-pin connector, Coupling point for rear lid, black
T4bd	4-pin connector, black
T6km	6-pin connector, near rear lid, behind moulded headliner, black
T8i	8-pin connector
W64	Interior light
453	Earth connection 3, in optional equipment wiring harness
*	Wiring open end

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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Interface for external use , (UF1)

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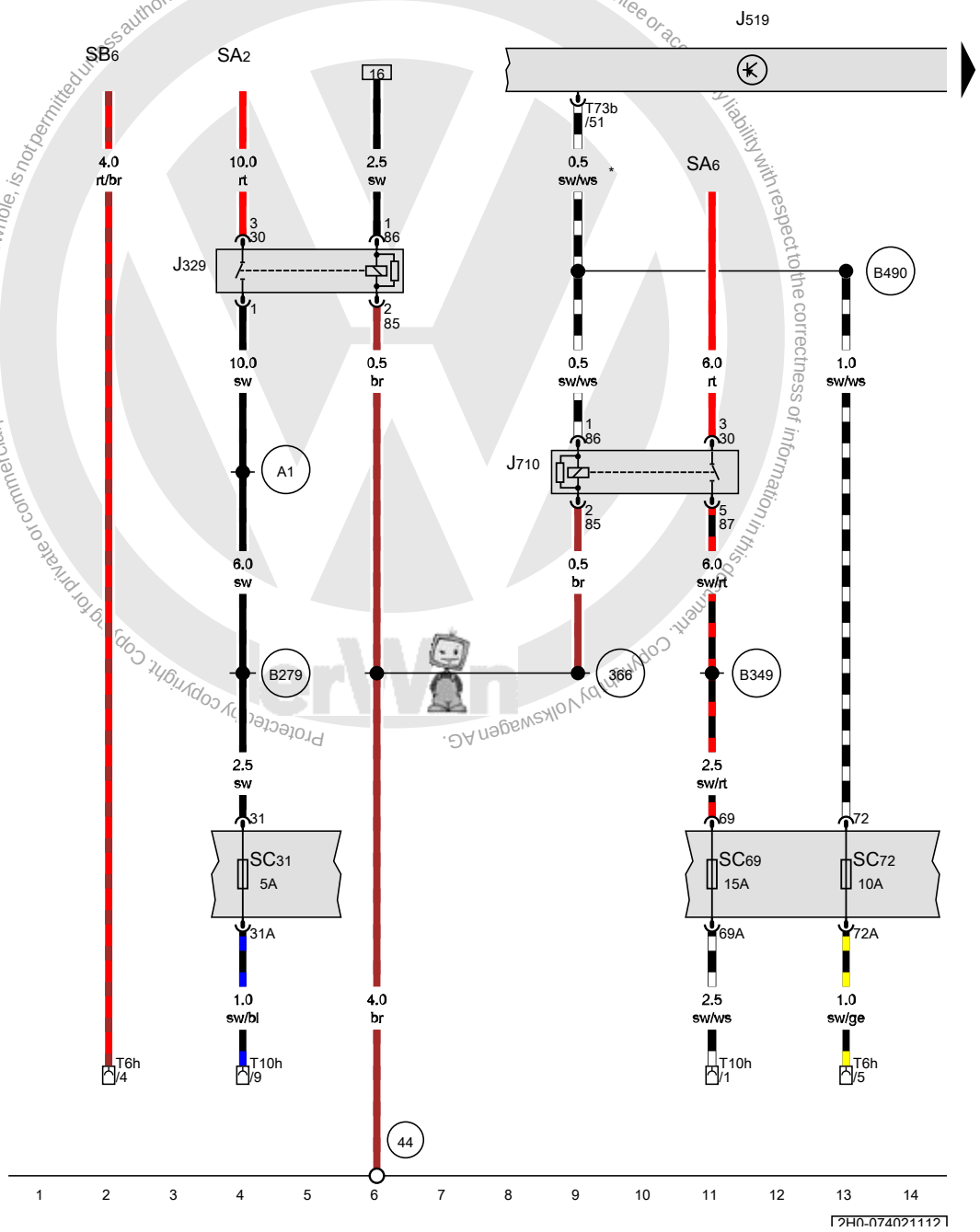

Onboard supply control unit, Voltage supply relay 2, Fuse 2 in fuse holder A, Fuse 31 on fuse holder C, Fuse 69 on fuse holder C, Fuse 72 on fuse holder C

J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
J710	Voltage supply relay 2, on relay carrier
SA2	Fuse 2 in fuse holder A
SB6	Fuse 6 on fuse holder B
SA6	Fuse 6 in fuse holder A
SC31	Fuse 31 on fuse holder C
SC69	Fuse 69 on fuse holder C
SC72	Fuse 72 on fuse holder C
T6h	6-pin connector, in front centre console, grey
T10h	10-pin connector, in left footwell, near centre console, purple
T73b	73-pin connector, colourless
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
A1	Positive connection (30a), in dash panel wiring harness
B279	Positive connection 3 (15a) in main wiring harness
B349	Connection 2 (75a), in main wiring harness
B490	Connection 26, in main wiring harness
*	Only models with no start/stop system

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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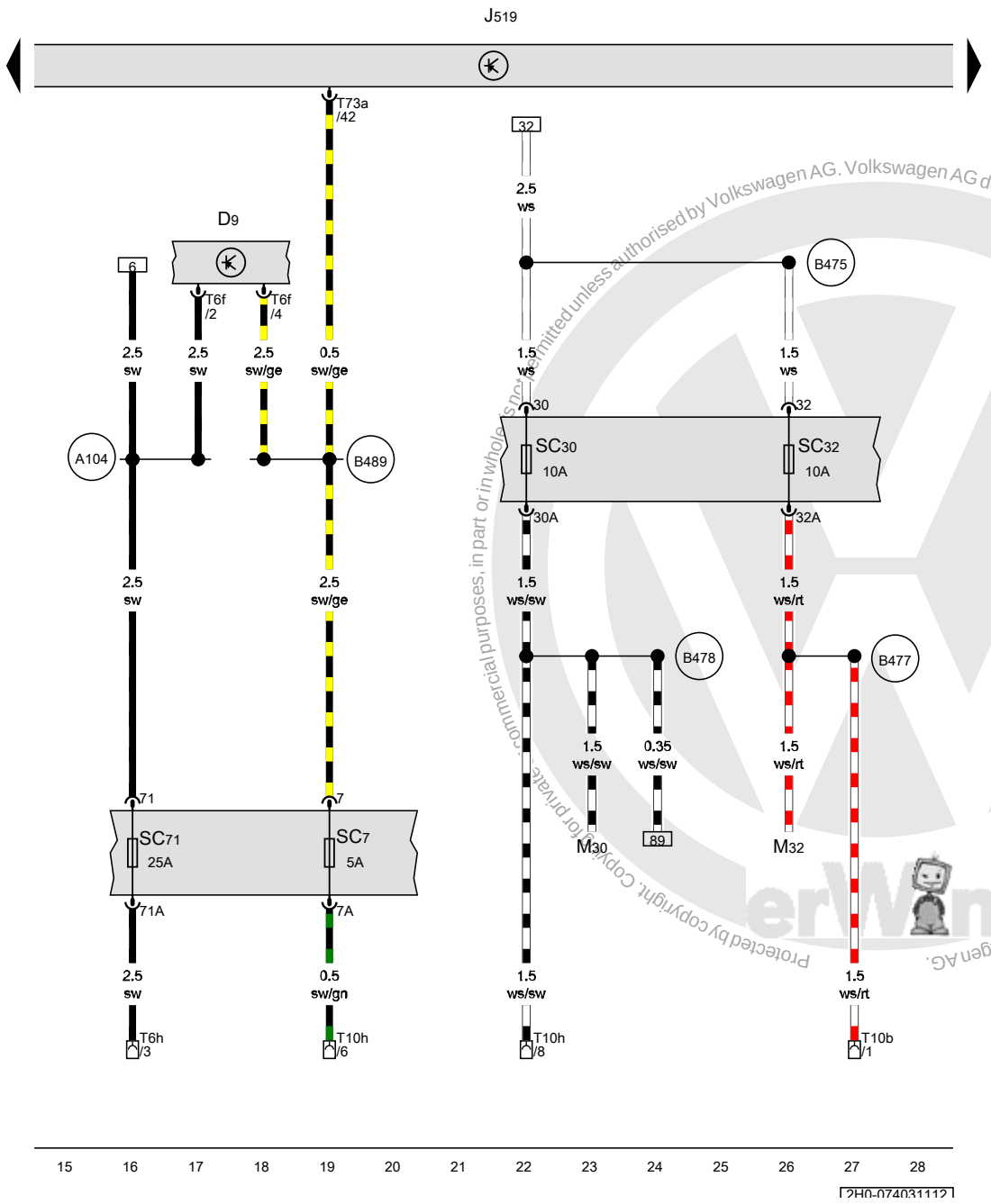

Onboard supply control unit, Fuse 7 on fuse holder C, Fuse 30 on fuse holder C, Fuse 32 on fuse holder C, Fuse 71 on fuse holder C

D9	Electronic ignition lock
J519	Onboard supply control unit
M30	Left headlight main beam bulb
M32	Right headlight main beam bulb
SC7	Fuse 7 on fuse holder C
SC30	Fuse 30 on fuse holder C
SC32	Fuse 32 on fuse holder C
SC71	Fuse 71 on fuse holder C
T6f	6-pin connector, black
T6h	6-pin connector, in front centre console, grey
T10b	10-pin connector, in left footwell, near centre console, yellow
T10h	10-pin connector, in left footwell, near centre console, purple
T73a	73-pin connector, black
A104	Positive connection 2 (15), in dash panel wiring harness
B475	Connection 11, in main wiring harness
B477	Connection 13, in main wiring harness
B478	Connection 14, in main wiring harness
B489	Connection 25, in main wiring harness

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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or	=	orange
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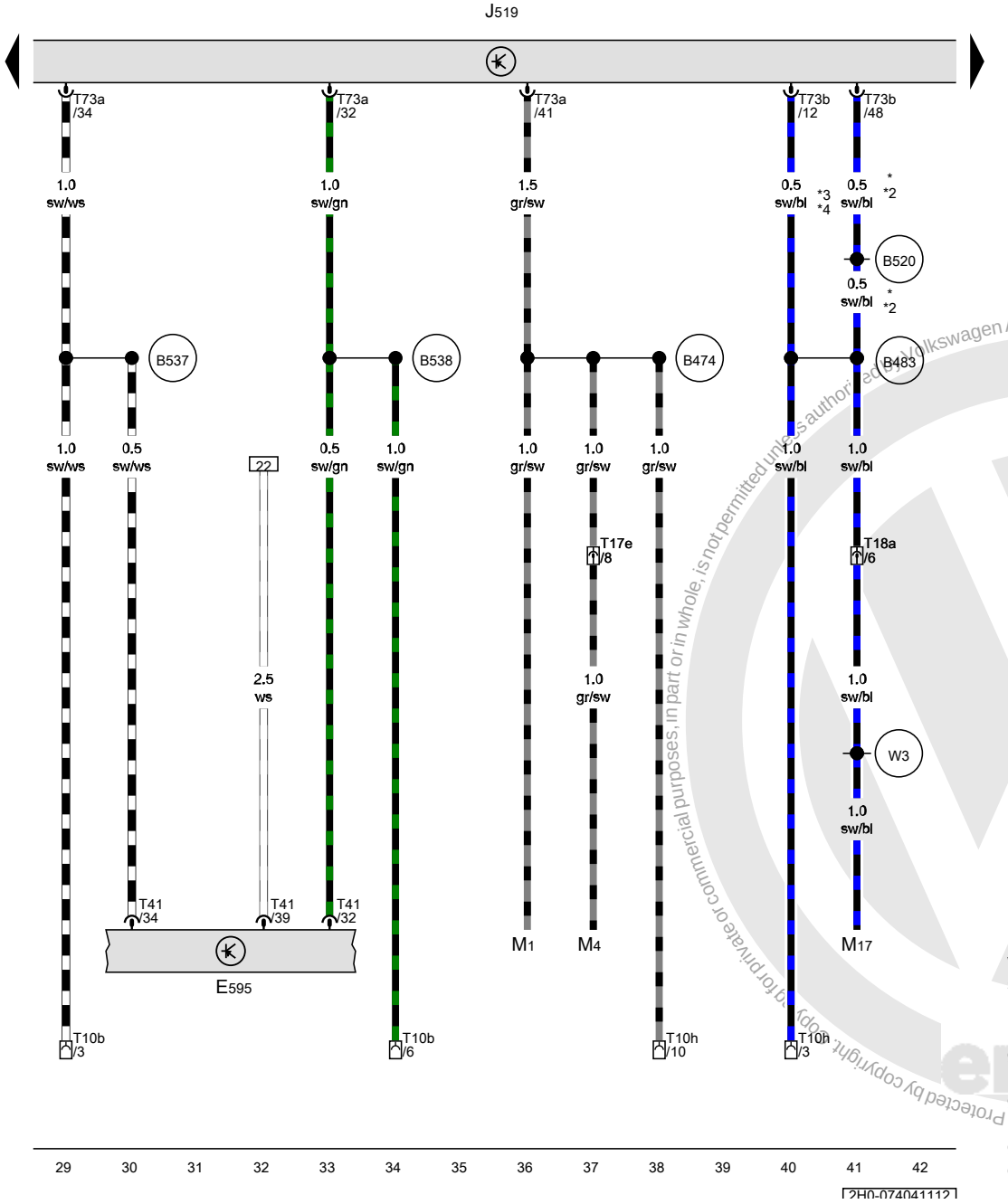

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Onboard supply control unit

E595	Steering column combination switch
J519	Onboard supply control unit
M1	Left side light bulb
M4	Left tail light bulb
M17	Right reversing light bulb
T10b	10-pin connector, in left footwell, near centre console, yellow
T10h	10-pin connector, in left footwell, near centre console, purple
T17e	17-pin connector, near handbrake lever, red
T18a	18-pin connector, near engine control unit, grey
T41	41-pin connector, grey
T73a	73-pin connector, black
T73b	73-pin connector, colourless
B474	Connection 10, in main wiring harness
B483	Connection 19, in main wiring harness
B520	Connection (RL), in main wiring harness
B537	Connection 28, in main wiring harness
B538	Connection 29, in main wiring harness
W3	Connection in rear wiring harness
*	Only models with manual gearbox
*2	Only models with no automatic headlight control with coming home
*3	Only models with automatic driving lights control
*4	Only models with automatic gearbox

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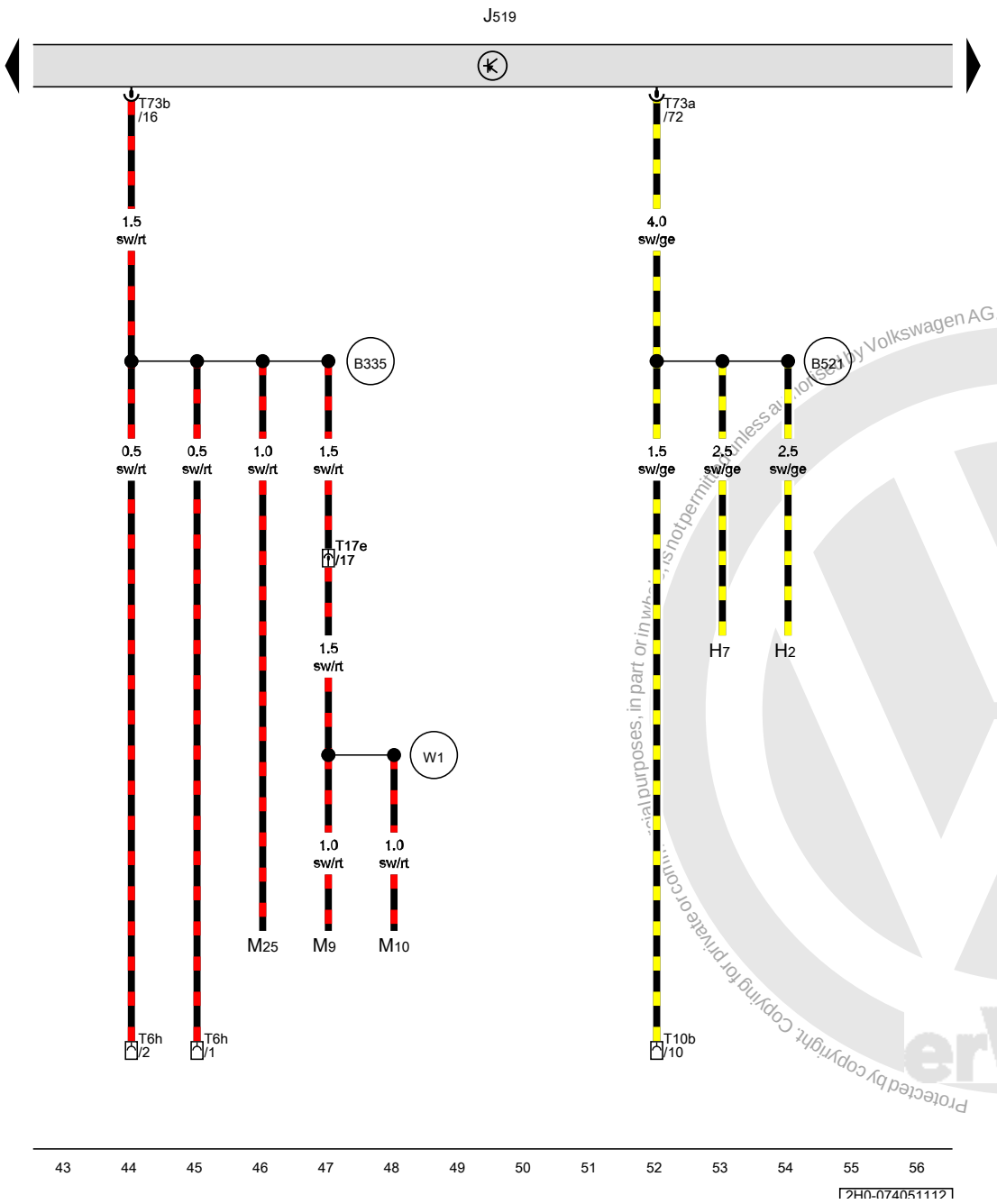

Onboard supply control unit

H2	Treble horn
H7	Bass horn
J519	Onboard supply control unit
M9	Left brake light bulb
M10	Right brake light bulb
M25	Additional brake light bulb
T6h	6-pin connector, in front centre console, grey
T10b	10-pin connector, in left footwell, near centre console, yellow
T17e	17-pin connector, near handbrake lever, red
T73a	73-pin connector, black
T73b	73-pin connector, colourless
B335	Connection 1 (54), in main wiring harness
B521	Connection (dual tone horn), in main wiring harness
W1	Positive connection 1 (54), in rear wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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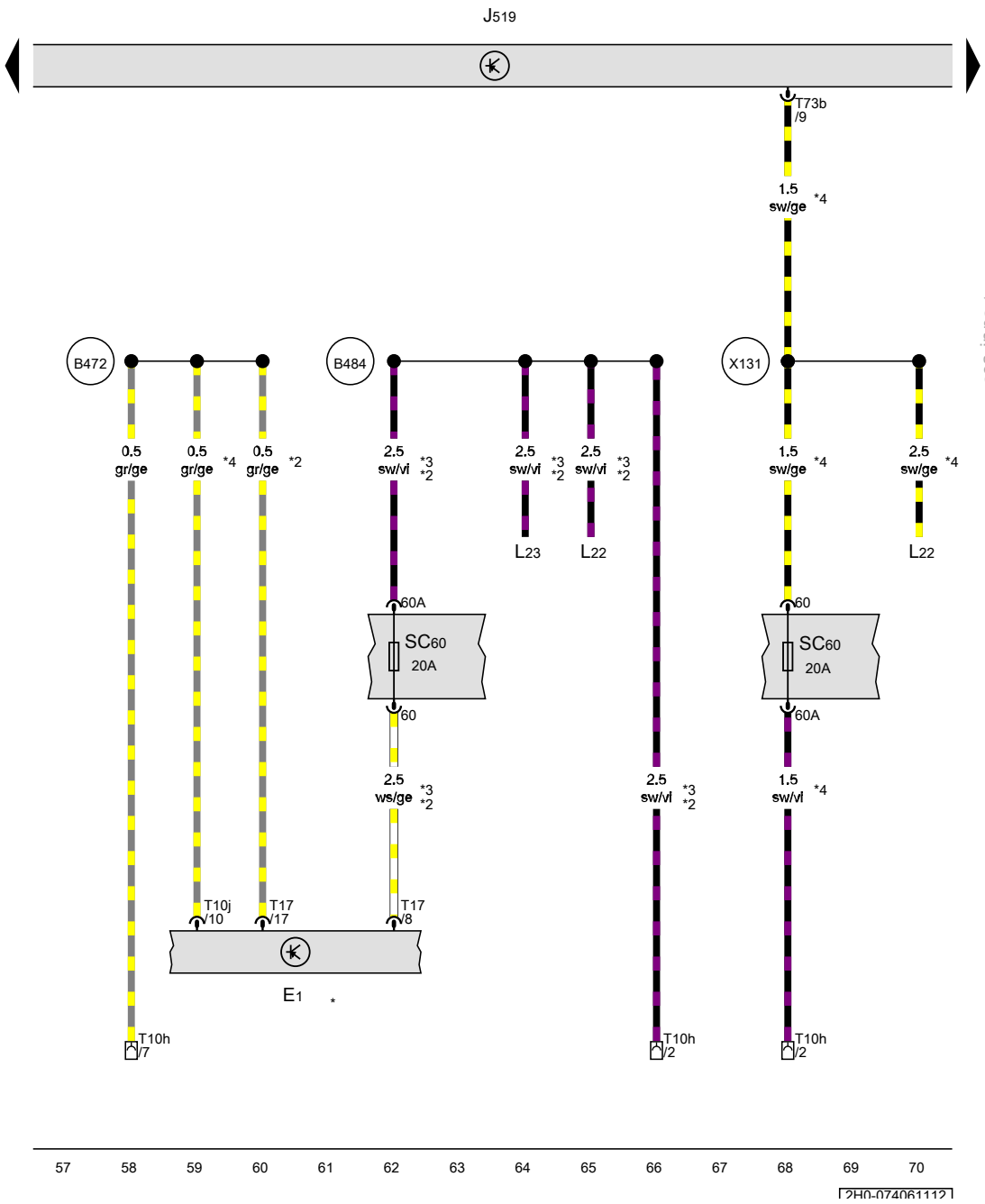

Light switch, Onboard supply control unit

E1	Light switch
J519	Onboard supply control unit
L22	Left fog light bulb
L23	Right fog light bulb
SC60	Fuse 60 on fuse holder C
T10h	10-pin connector, in left footwell, near centre console, purple
T10j	10-pin connector, black
T17	17-pin connector, black
T73b	73-pin connector, colourless
B472	Connection 8, in main wiring harness
B484	Connection 20, in main wiring harness
X131	Connection 4, in optional equipment wiring harness
*	see applicable current flow diagram for exterior lighting
*2	Only models with no automatic headlight control with coming home
*3	Only models with fog lights
*4	Only models with automatic driving lights control

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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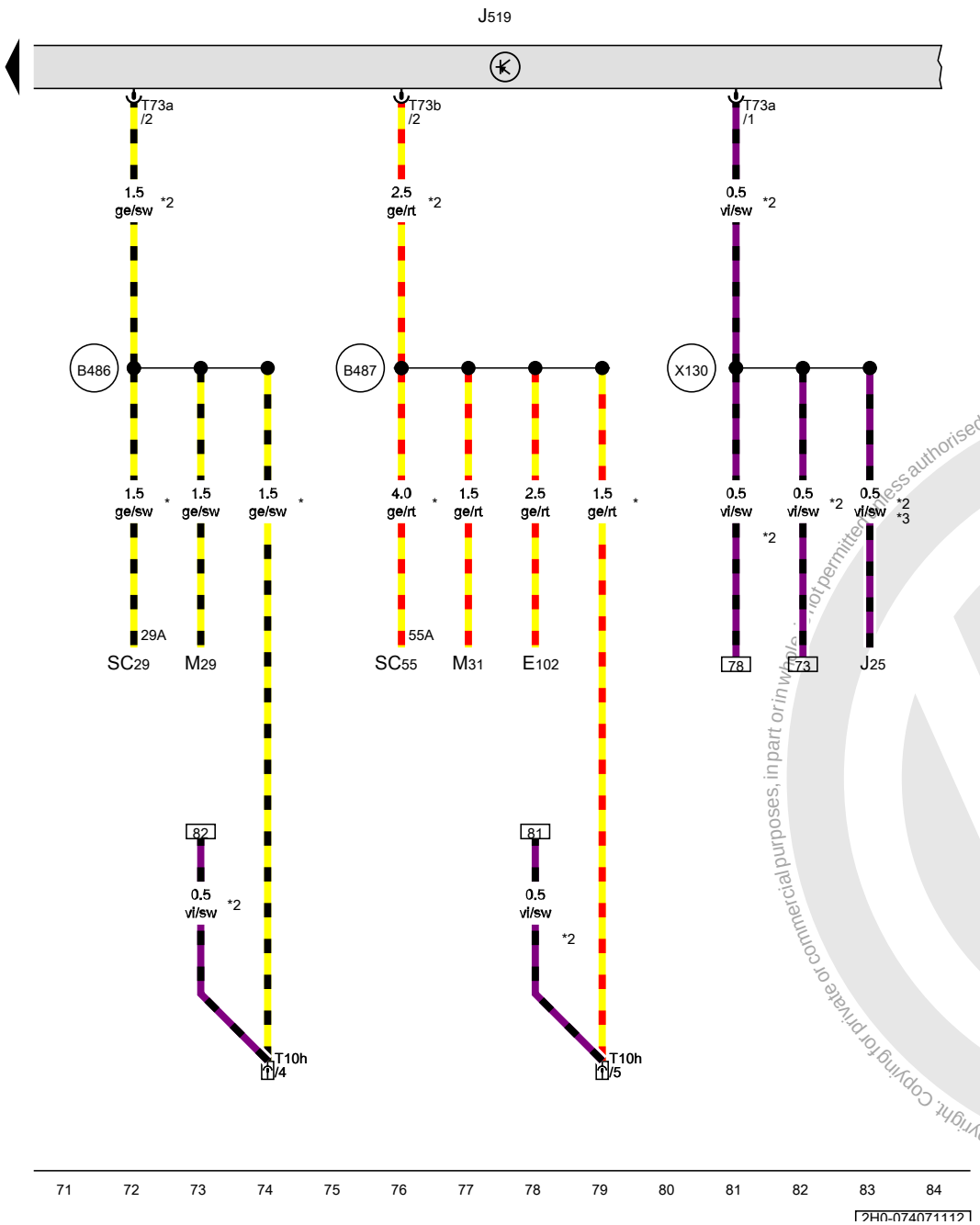

Onboard supply control unit, Fuse 29 on fuse holder C, Fuse 55 on fuse holder C

E102	Headlight range control regulator
J25	Headlight relay
J519	Onboard supply control unit
M29	Left headlight dipped beam bulb
M31	Right headlight dipped beam bulb
SC29	Fuse 29 on fuse holder C
SC55	Fuse 55 on fuse holder C
T10h	10-pin connector, in left footwell, near centre console, purple
T73a	73-pin connector, black
T73b	73-pin connector, colourless
B486	Connection 22, in main wiring harness
B487	Connection 23, in main wiring harness
X130	Connection 3, in optional equipment wiring harness
*	Only models with no automatic headlight control with coming home
*2	Only models with automatic driving lights control
*3	see applicable current flow diagram for fuse assignment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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ge	=	yellow
or	=	orange
rs	=	pink

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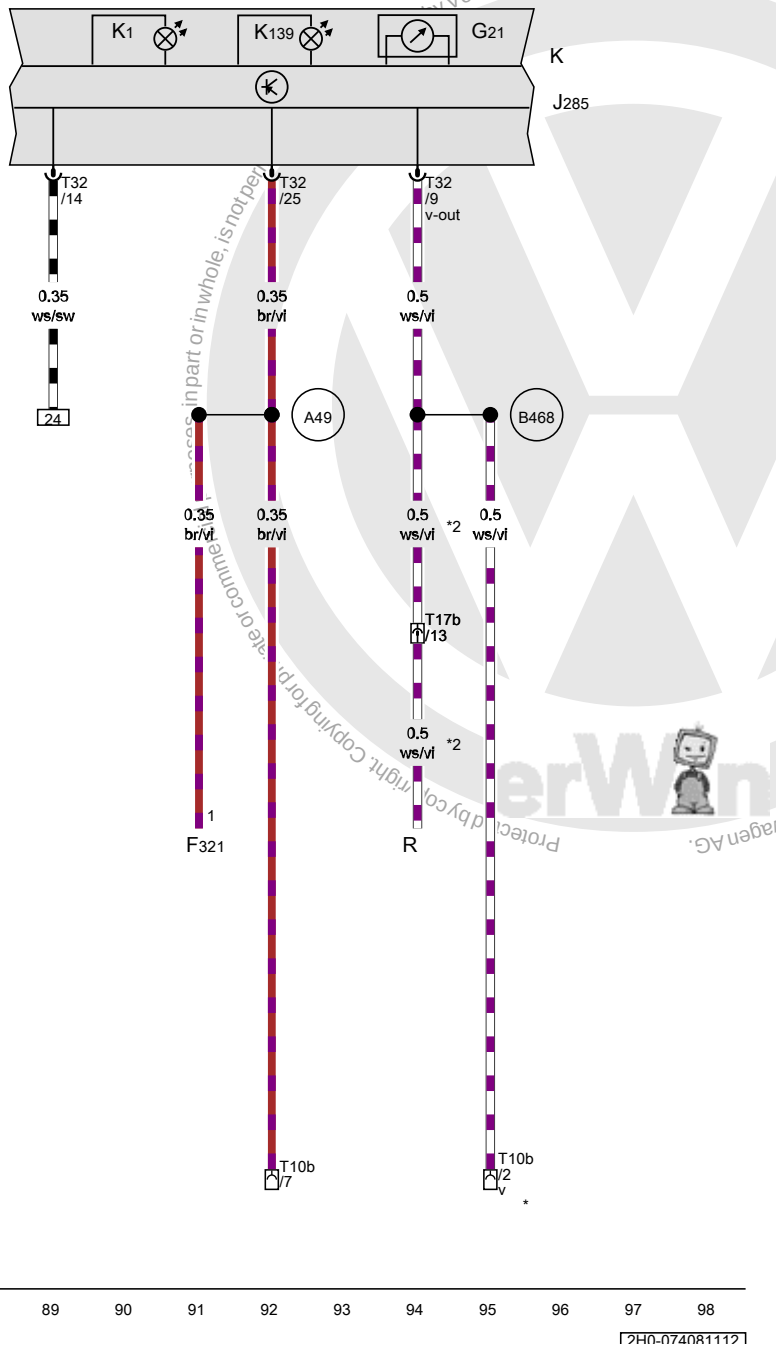

Parking brake contact switch, Dash panel insert, Radio

F321	Parking brake contact switch
G21	Speedometer
J285	Control unit in dash panel insert
K	Dash panel insert
K1	Main beam warning lamp
K139	Handbrake warning lamp
R	Radio
T10b	10-pin connector, in left footwell, near centre console, yellow
T17b	17-pin connector, on left under dash panel, brown
T32	32-pin connector, blue
A49	Connection 1, in dash panel wiring harness
B468	Connection 4, in main wiring harness
*	Speed signal
*2	Only models with radio

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Preparation for mobile telephone , (9W7)

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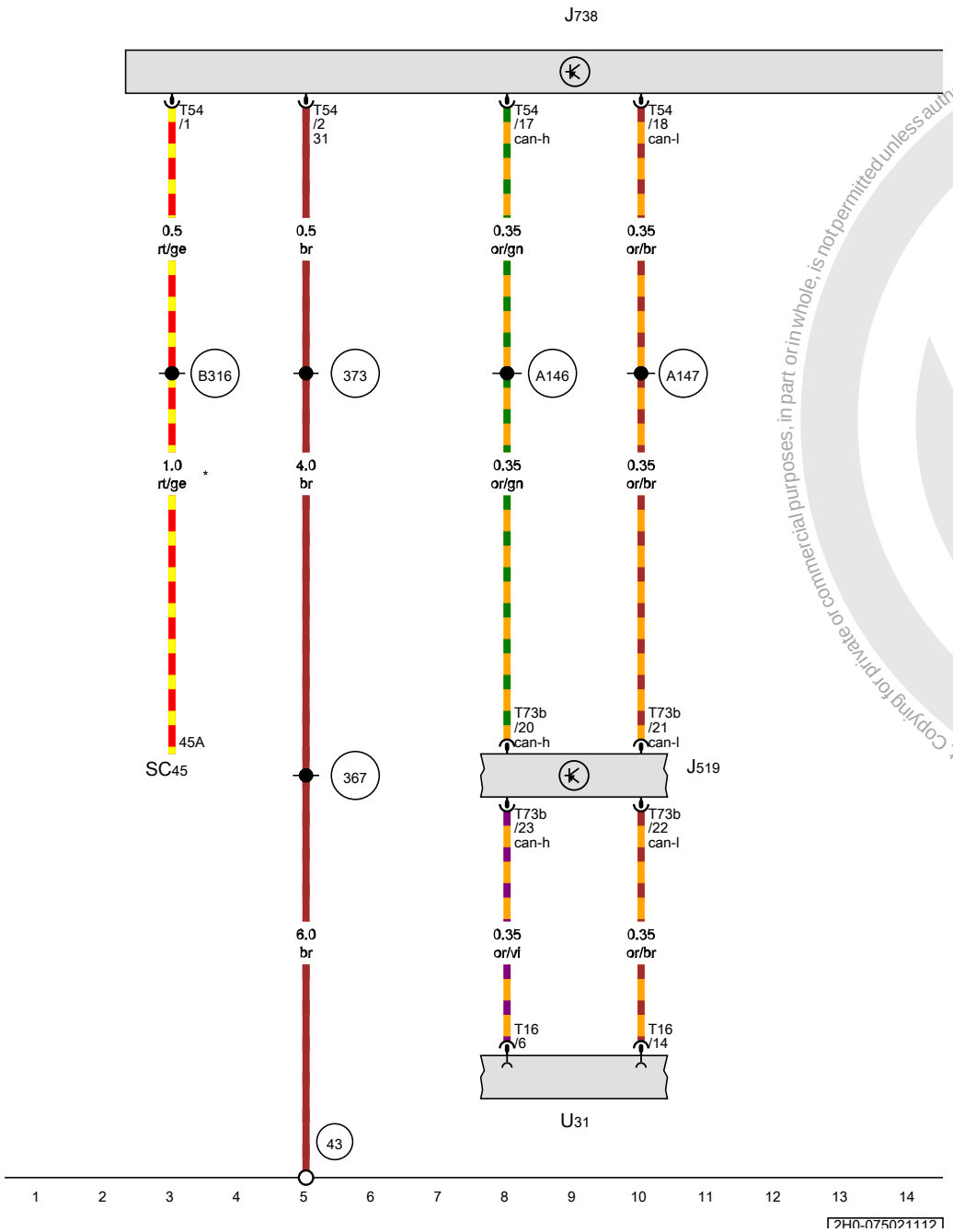

Onboard supply control unit, Telephone controls control unit, Fuse 45 on fuse holder C

J519	Onboard supply control unit
J738	Telephone controls control unit, under centre console
SC45	Fuse 45 on fuse holder C
T16	16-pin connector, black
T54	54-pin connector, black
T73b	73-pin connector, colourless
U31	Diagnostic connection
43	Earth point, lower part of right A-pillar
367	Earth connection 2, in main wiring harness
373	Earth connection 8, in main wiring harness
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
B316	Positive connection 2 (30a) in main wiring harness
*	Cross-section 1.5 possible

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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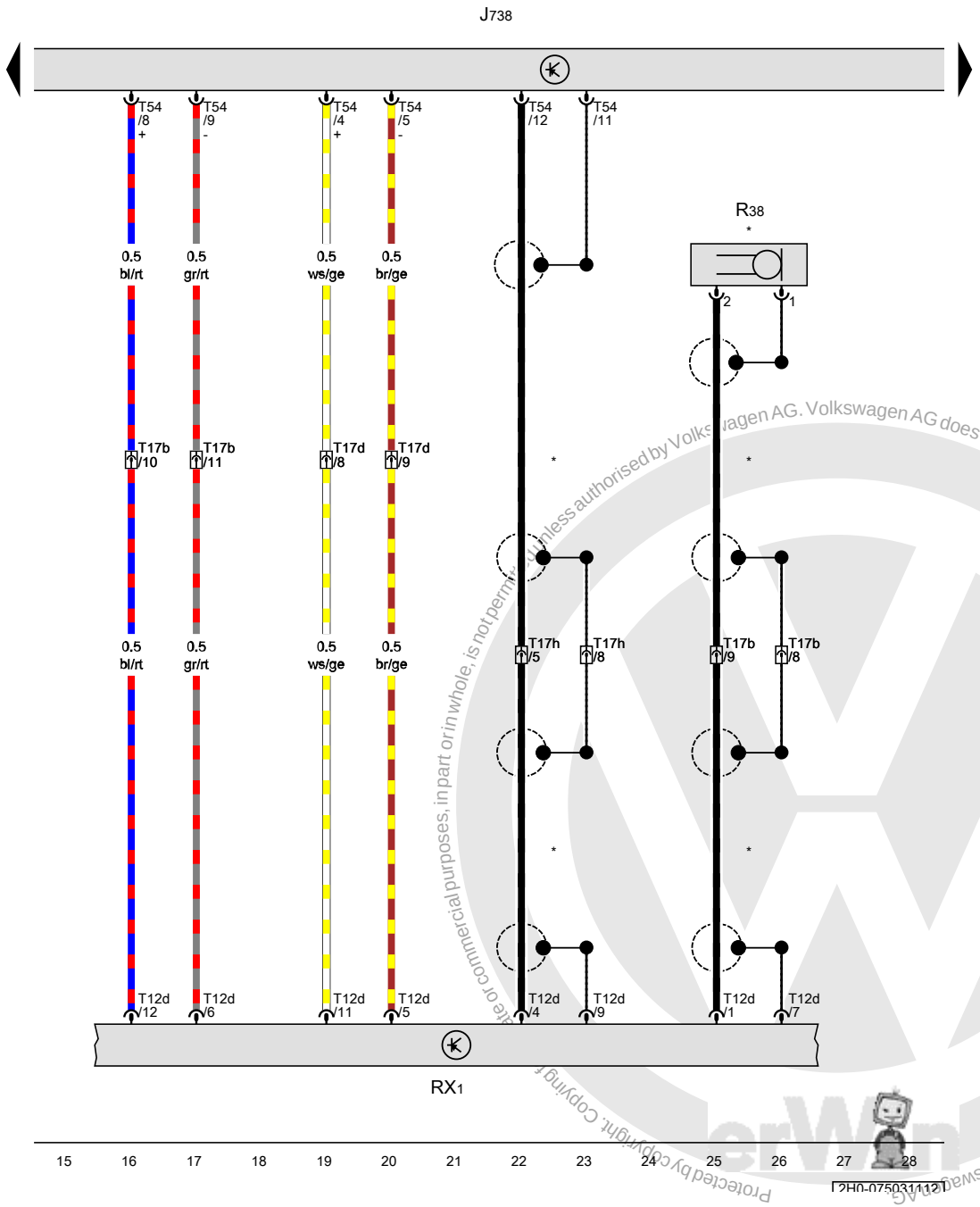

Telephone controls control unit, Radio/RNS

J738	Telephone controls control unit, under centre console
RX1	Radio/RNS
R38	Telephone microphone
T12d	12-pin connector, green
T17b	17-pin connector, on left under dash panel, brown
T17d	17-pin connector, on left under dash panel, green
T17h	17-pin connector, on left under dash panel, blue
T54	54-pin connector, black
*	Only models with radio navigation system RNS 510

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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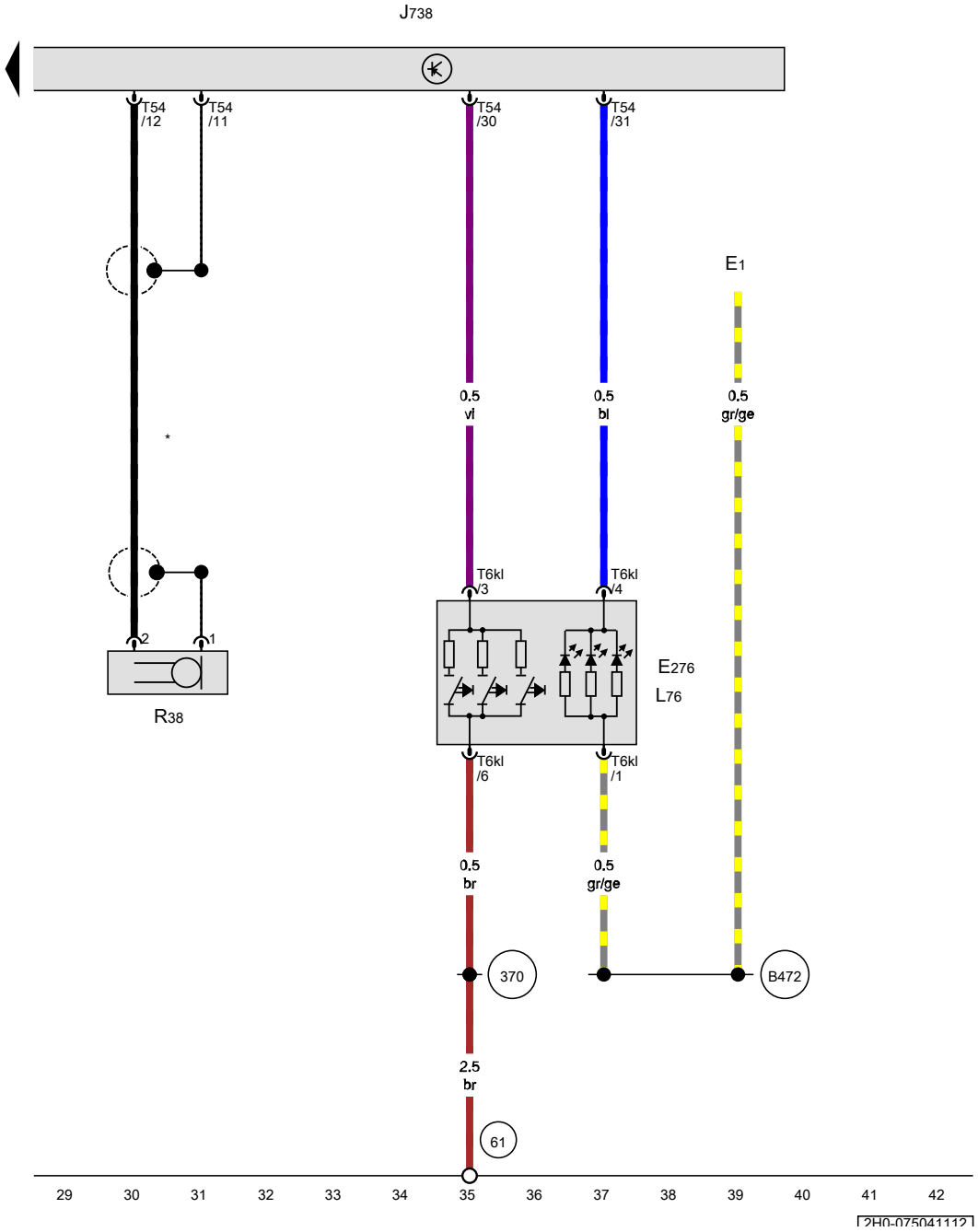

Emergency assistance call button, Telephone controls control unit, Telephone microphone

E1	Light switch
E276	Emergency assistance call button, near interior mirror
J738	Telephone controls control unit, under centre console
L76	Button illumination bulb
R38	Telephone microphone, near interior mirror
T6kl	6-pin connector, brown
T54	54-pin connector, black
61	Earth point, left C-pillar
370	Earth connection 5, in main wiring harness
B472	Connection 8, in main wiring harness
*	Only models with no navigation system

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
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Preparation for radio

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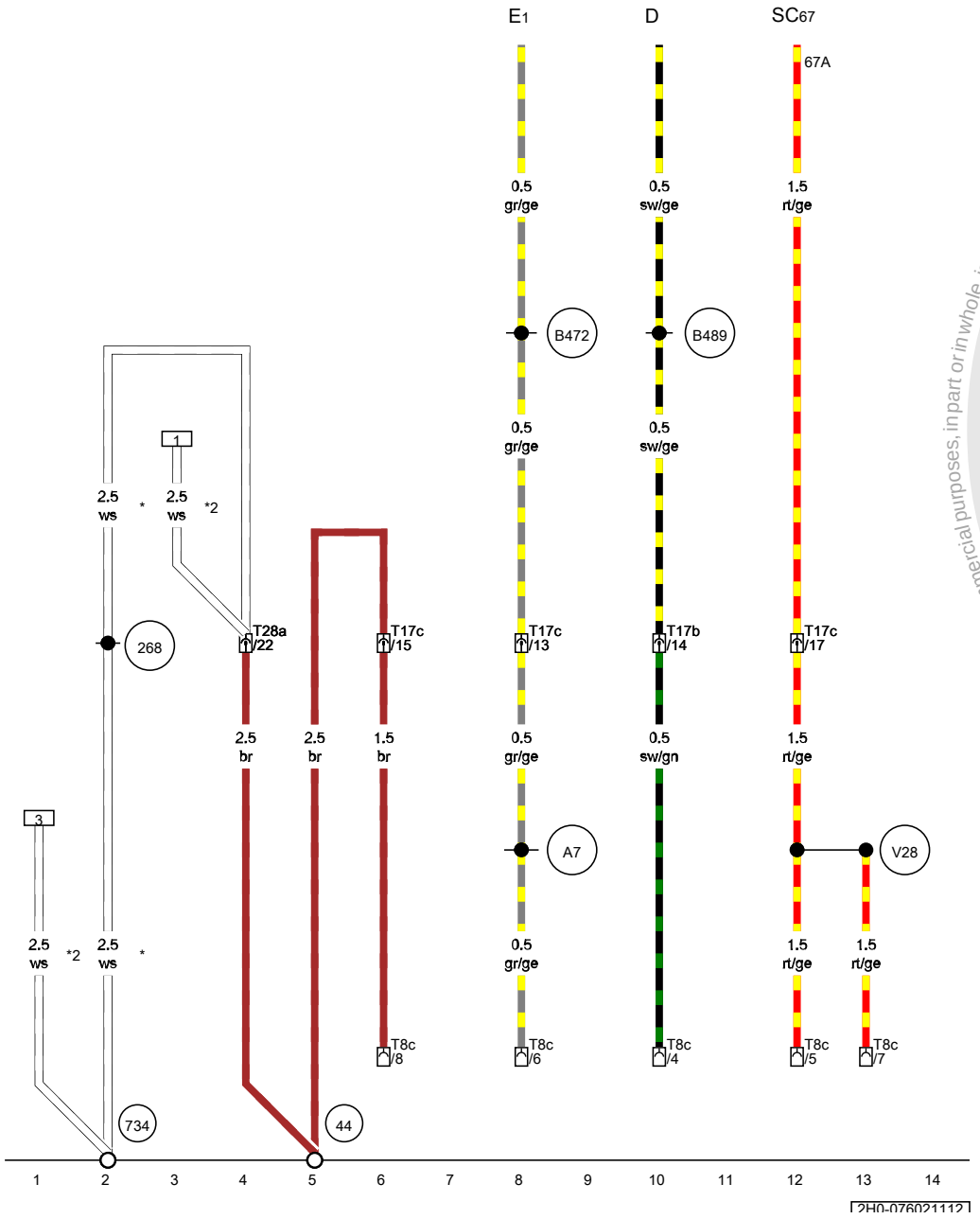
Ignition/starter switch, Light switch, Fuse 67 on fuse holder C



D	Ignition/starter switch
E1	Light switch
SC67	Fuse 67 on fuse holder C
T8c	8-pin connector, in slot for radio, centre of dash panel, black
T17b	17-pin connector, on relay carrier, brown
T17c	17-pin connector, on left under dash panel
T28a	28-pin connector, on left A-pillar, black
44	Earth point, lower part of left A-pillar
268	Earth connection 2, in front passenger side door wiring harness
734	Earth point in front left door
A7	Positive connection (58 D1), in dash panel wiring harness
B472	Connection 8, in main wiring harness
B489	Connection 25, in main wiring harness
V28	Connection 1, in radio wiring harness
*	From February 2013
*2	Up to January 2013

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
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rs	=	pink

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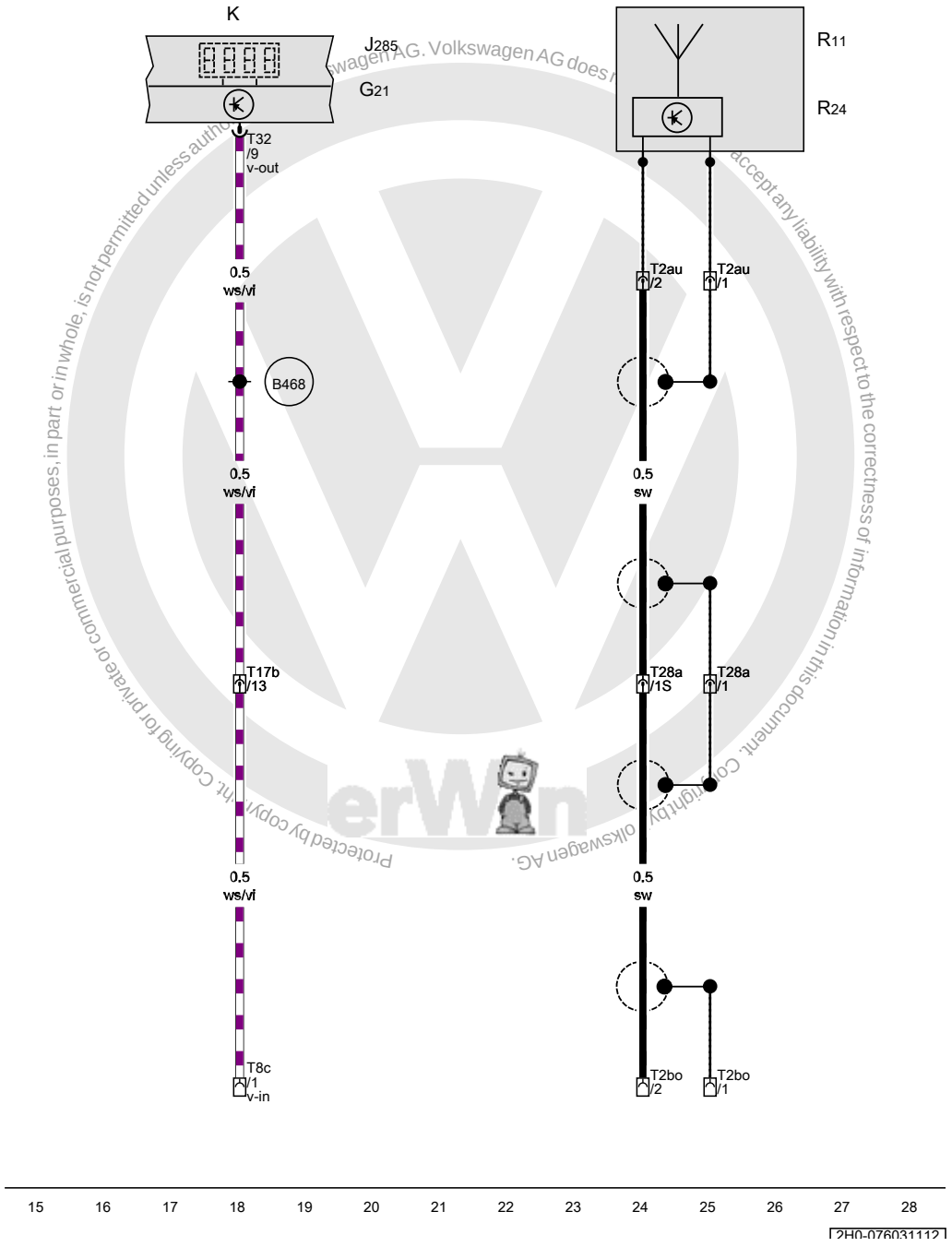

Dash panel insert, Aerial, Aerial amplifier

G21	Speedometer
J285	Control unit in dash panel insert
K	Dash panel insert
R11	Aerial, in front passenger side exterior mirror housing
R24	Aerial amplifier
T2au	2-pin connector, in left door, near exterior mirror
T2bo	2-pin connector
T8c	8-pin connector, in slot for radio, centre of dash panel, black
T17b	17-pin connector, on relay carrier, brown
T28a	28-pin connector, on left A-pillar, black
T32	32-pin connector
B468	Connection 4, in main wiring harness

ws	=	white
sw	=	black
ro	=	red
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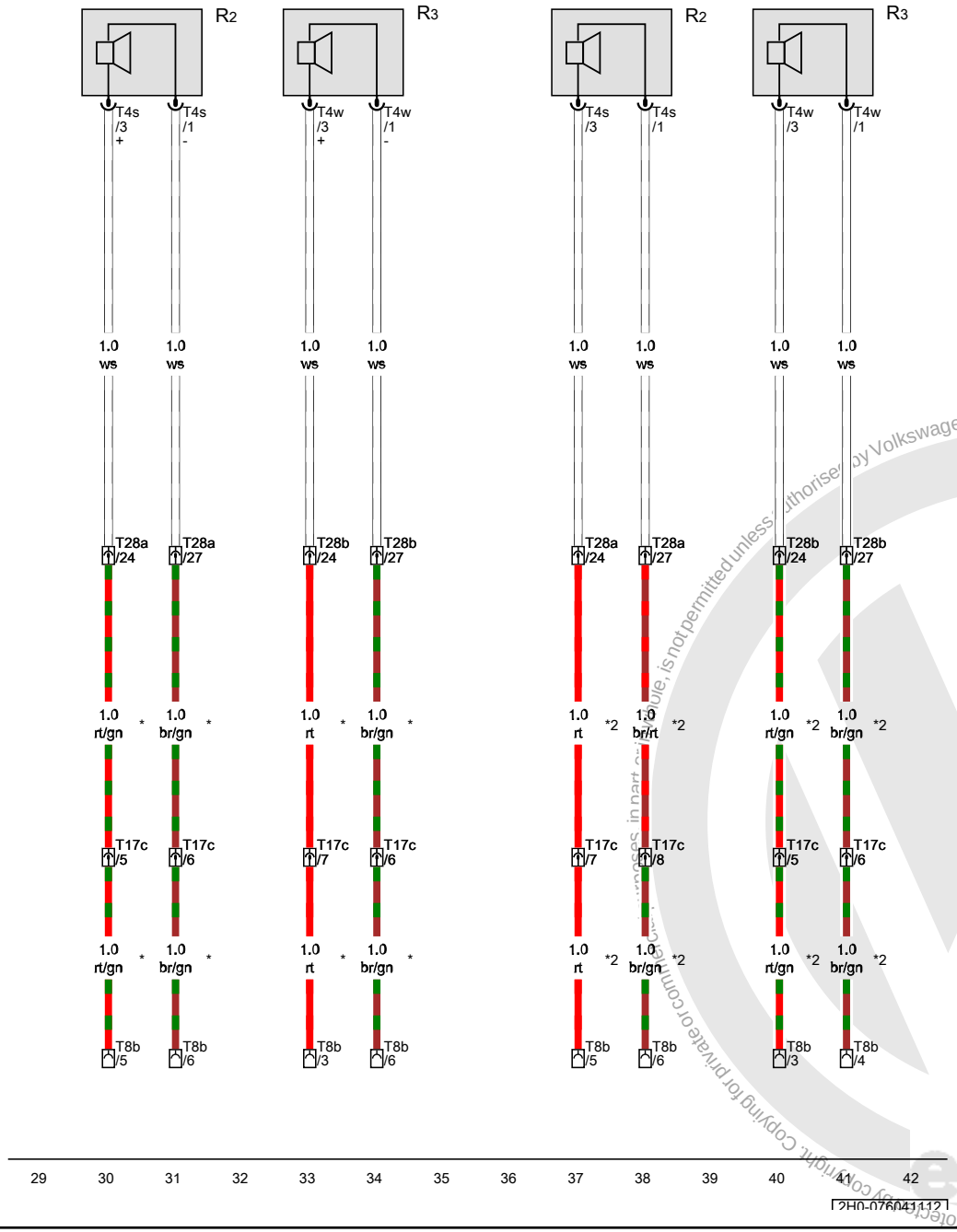
Front left loudspeaker, Front right loudspeaker

R2	Front left loudspeaker
R3	Front right loudspeaker
T4s	4-pin connector
T4w	4-pin connector
T8b	8-pin connector, in slot for radio, centre of dash panel, brown
T17c	17-pin connector, on left under dash panel
T28a	28-pin connector, on left A-pillar, black
T28b	28-pin connector, on right A-pillar, black
*	Only left-hand drive models
*2	Only right-hand drive models



ws	=	white
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gn	=	green
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Radio system , (8AN),(8AG)

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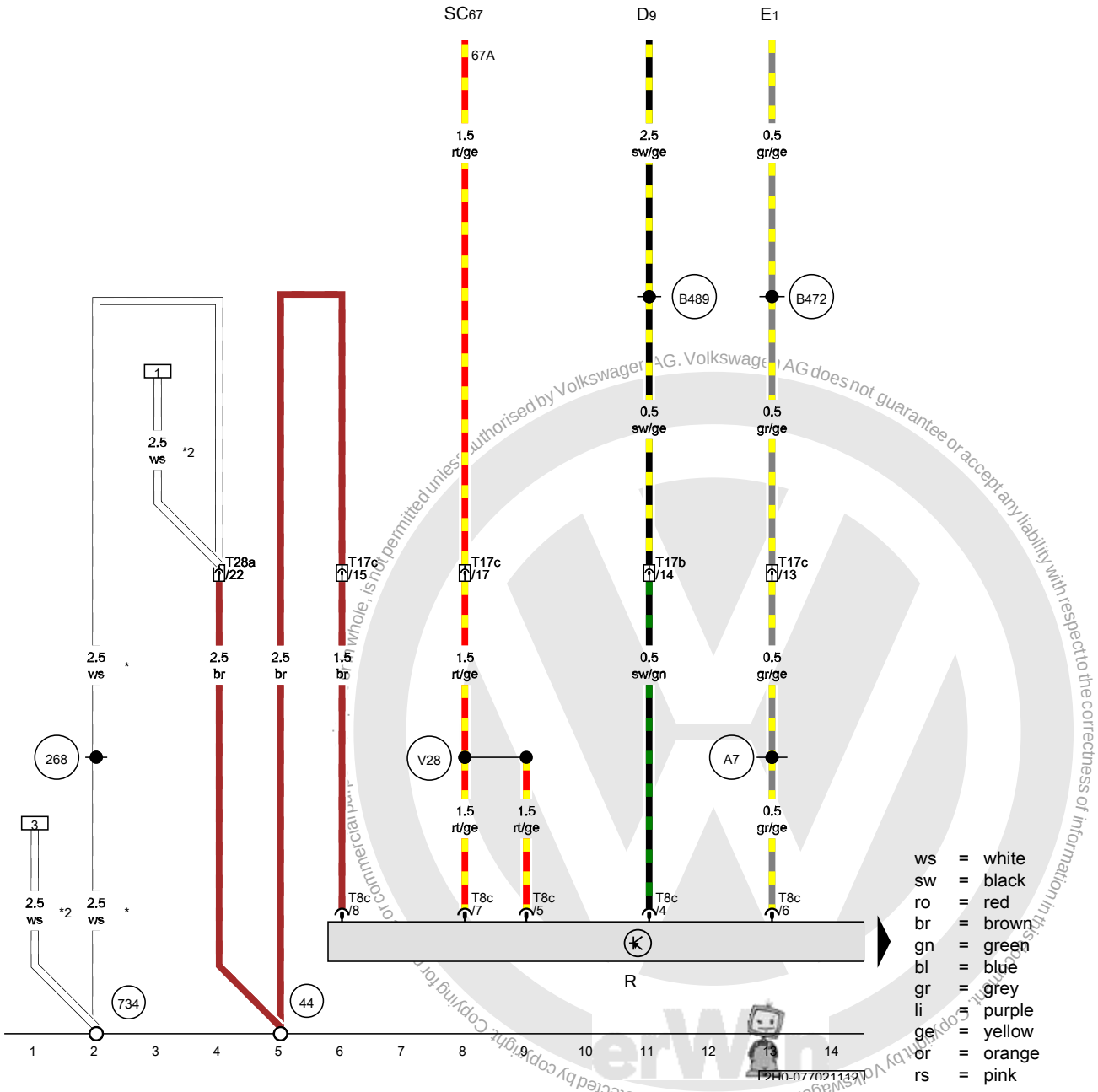
Electronic ignition lock, Light switch, Radio, Fuse 67 on fuse holder C



ws	=	white
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br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

D9	Electronic ignition lock
E1	Light switch
R	Radio
SC67	Fuse 67 on fuse holder C
T8c	8-pin connector, black
T17b	17-pin connector, on relay carrier, brown
T17c	17-pin connector, on left under dash panel
T28a	28-pin connector, black
44	Earth point, lower part of left A-pillar
268	Earth connection 2, in front passenger side door wiring harness
734	Earth point in front left door
A7	Positive connection (58 D1), in dash panel wiring harness
B472	Connection 8, in main wiring harness
B489	Connection 25, in main wiring harness
V28	Connection 1, in radio wiring harness
*	From February 2013
*2	Up to January 2013

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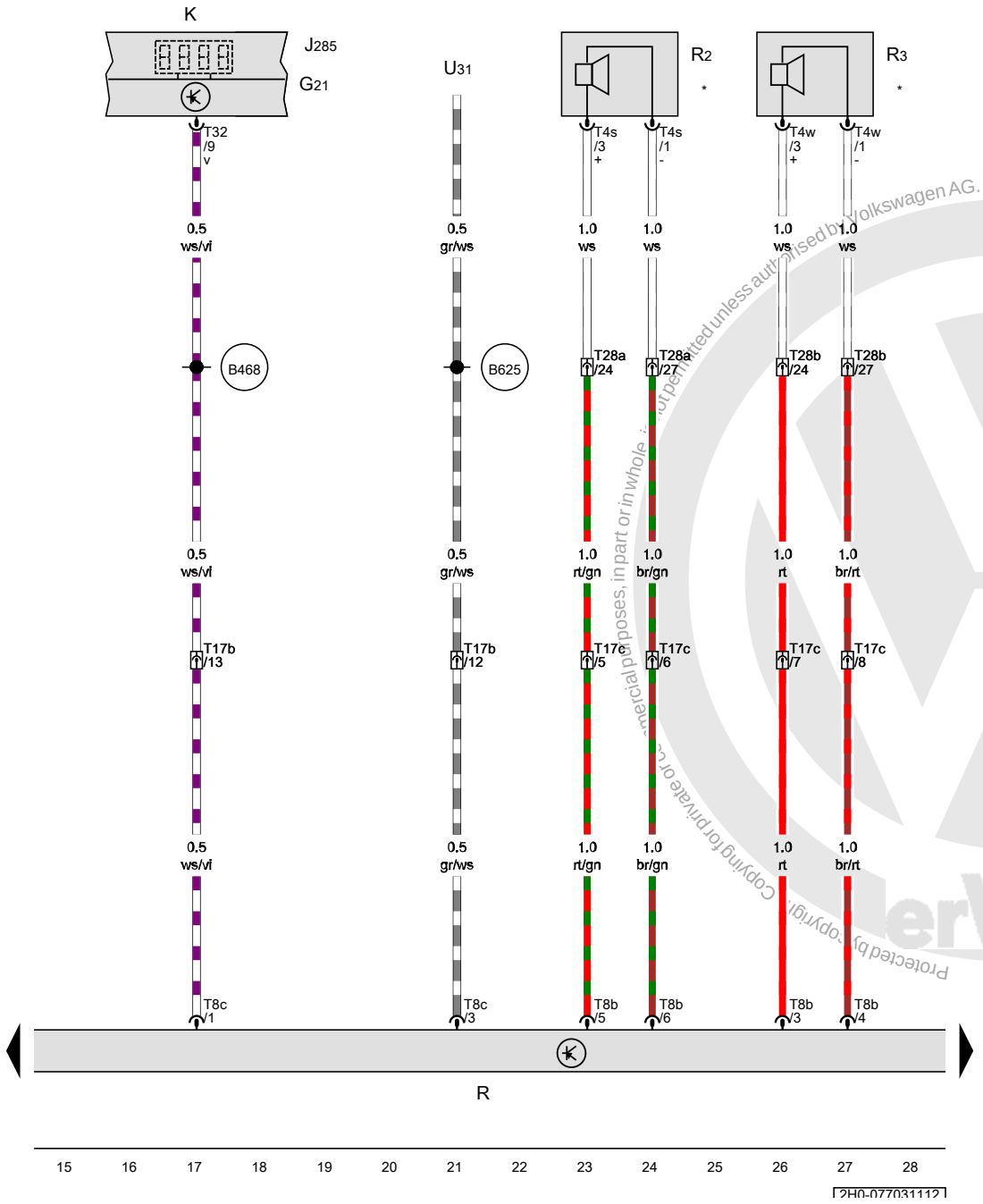

Dash panel insert, Radio, Front left loudspeaker, Front right loudspeaker, Diagnostic connection

G21	Speedometer
J285	Control unit in dash panel insert
K	Dash panel insert
R	Radio
R2	Front left loudspeaker
R3	Front right loudspeaker
T4s	4-pin connector
T4w	4-pin connector
T8b	8-pin connector, brown
T8c	8-pin connector, black
T17b	17-pin connector, on left under dash panel, brown
T17c	17-pin connector, on left under dash panel
T28a	28-pin connector, black
T28b	28-pin connector, on right A-pillar, black
T32	32-pin connector
U31	Diagnostic connection
B468	Connection 4, in main wiring harness
B625	Connection (K-diagnosis wire), in main wiring harness
*	Only models with 2 loudspeakers (8RD)

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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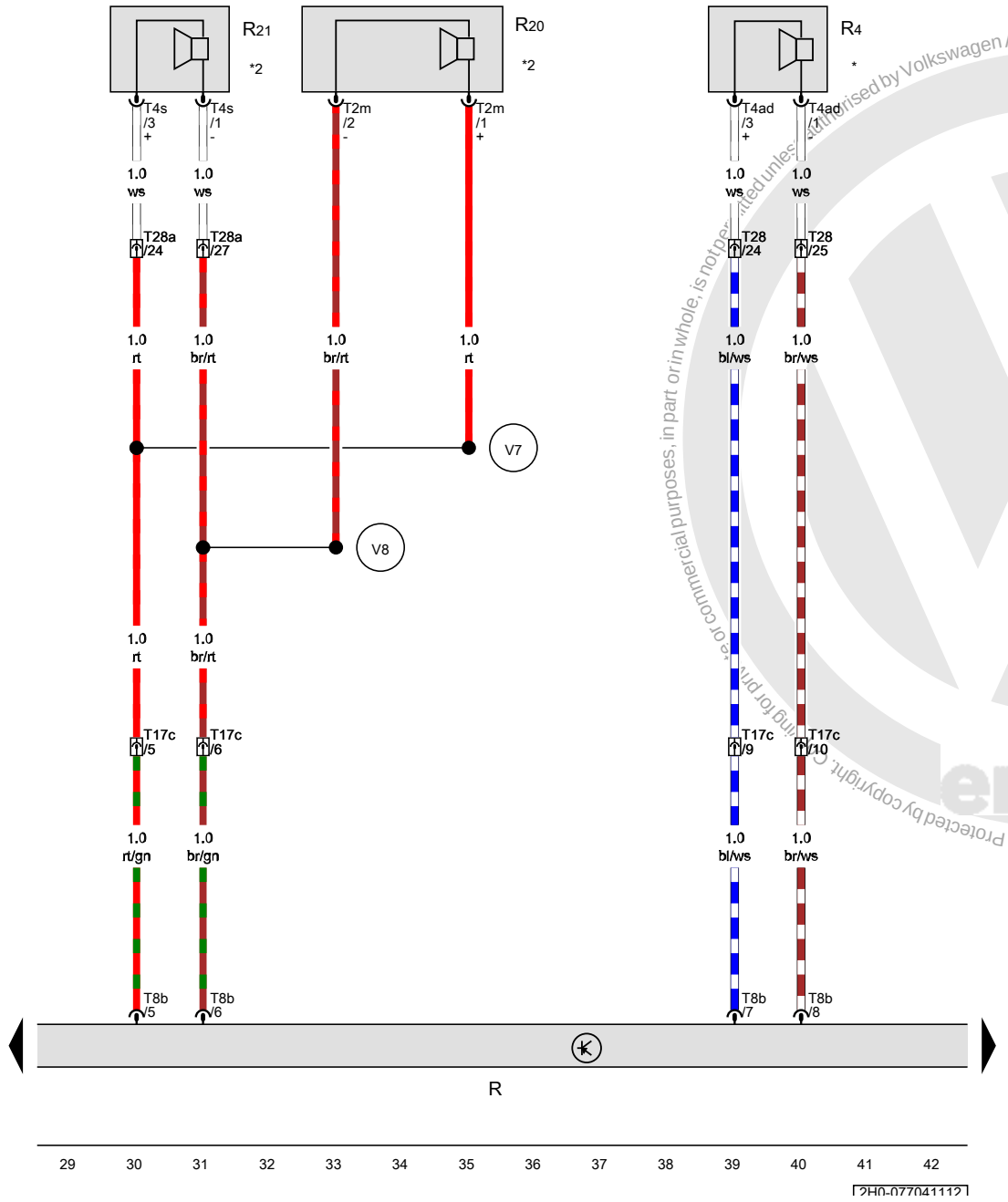
Radio, Rear left loudspeaker, Front left treble loudspeaker, Front left bass loudspeaker

R	Radio
R4	Rear left loudspeaker
R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
T2m	2-pin connector
T4ad	4-pin connector
T4s	4-pin connector
T8b	8-pin connector, brown
T17c	17-pin connector, on left under dash panel
T28	28-pin connector, black
T28a	28-pin connector, black
V7	Connection (positive, front left loudspeaker), in loudspeaker wiring harness
V8	Connection (negative, front left loudspeaker), in loudspeaker wiring harness
*	Only models with equipment (6-passive loudspeakers)
*2	Only models with 4 or 6 loudspeakers



ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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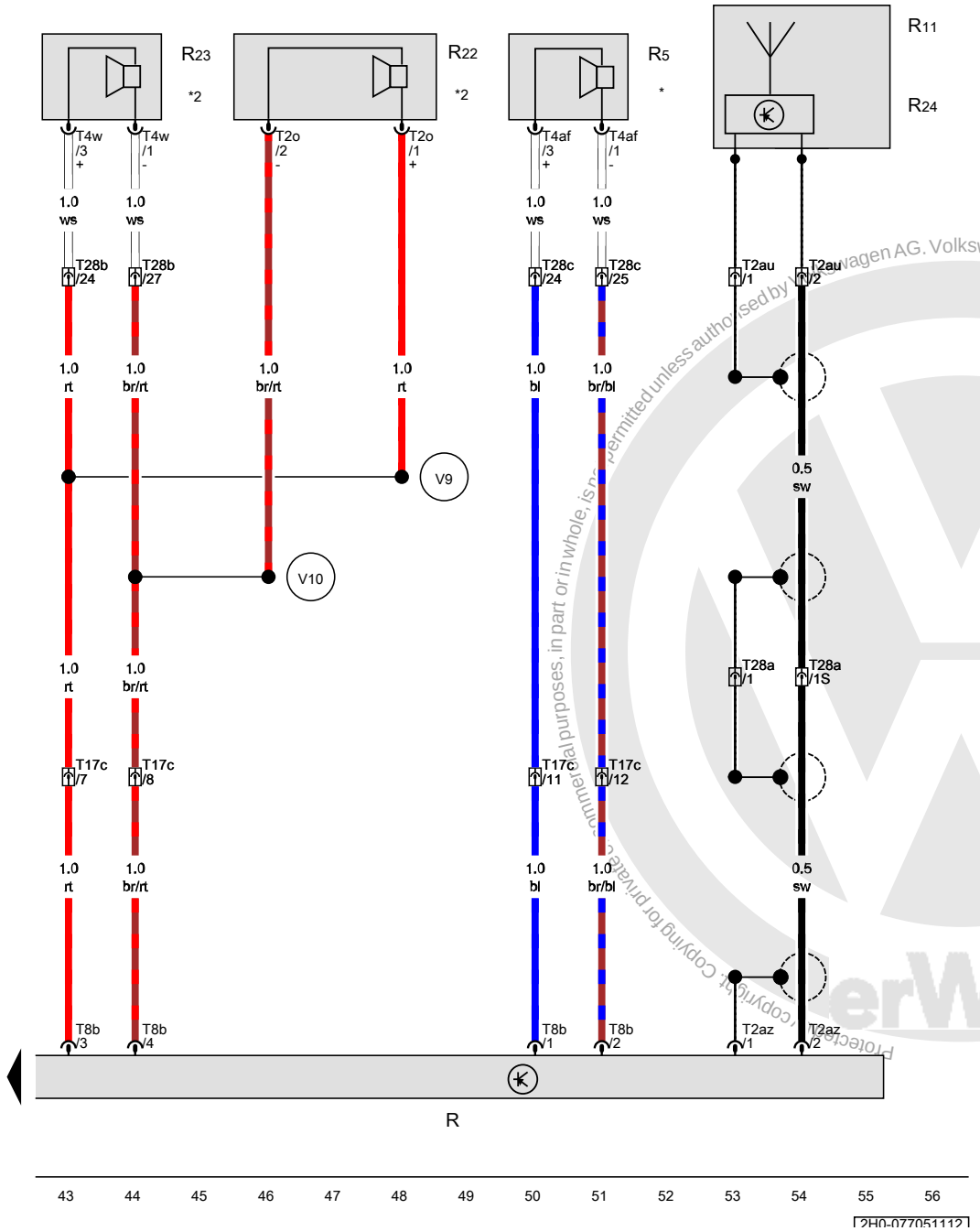

Radio, Rear right loudspeaker, Aerial, Front right treble loudspeaker, Front right bass loudspeaker, Aerial amplifier

R	Radio
R5	Rear right loudspeaker
R11	Aerial
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
R24	Aerial amplifier
T2au	2-pin connector, in left door, near exterior mirror, black
T2az	2-pin connector
T2o	2-pin connector
T4af	4-pin connector
T4w	4-pin connector
T8b	8-pin connector, brown
T17c	17-pin connector, on left under dash panel
T28a	28-pin connector, black
T28b	28-pin connector, on right A-pillar, black
T28c	28-pin connector, on right B-pillar, black
V9	Connection (positive, front right loudspeaker), in loudspeaker wiring harness
V10	Connection (negative, front right loudspeaker), in loudspeaker wiring harness
*	Only models with equipment (6-passive loudspeakers)
*2	Only models with 4 or 6 loudspeakers

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Radio system , (8UA),(8AE),(8DD)

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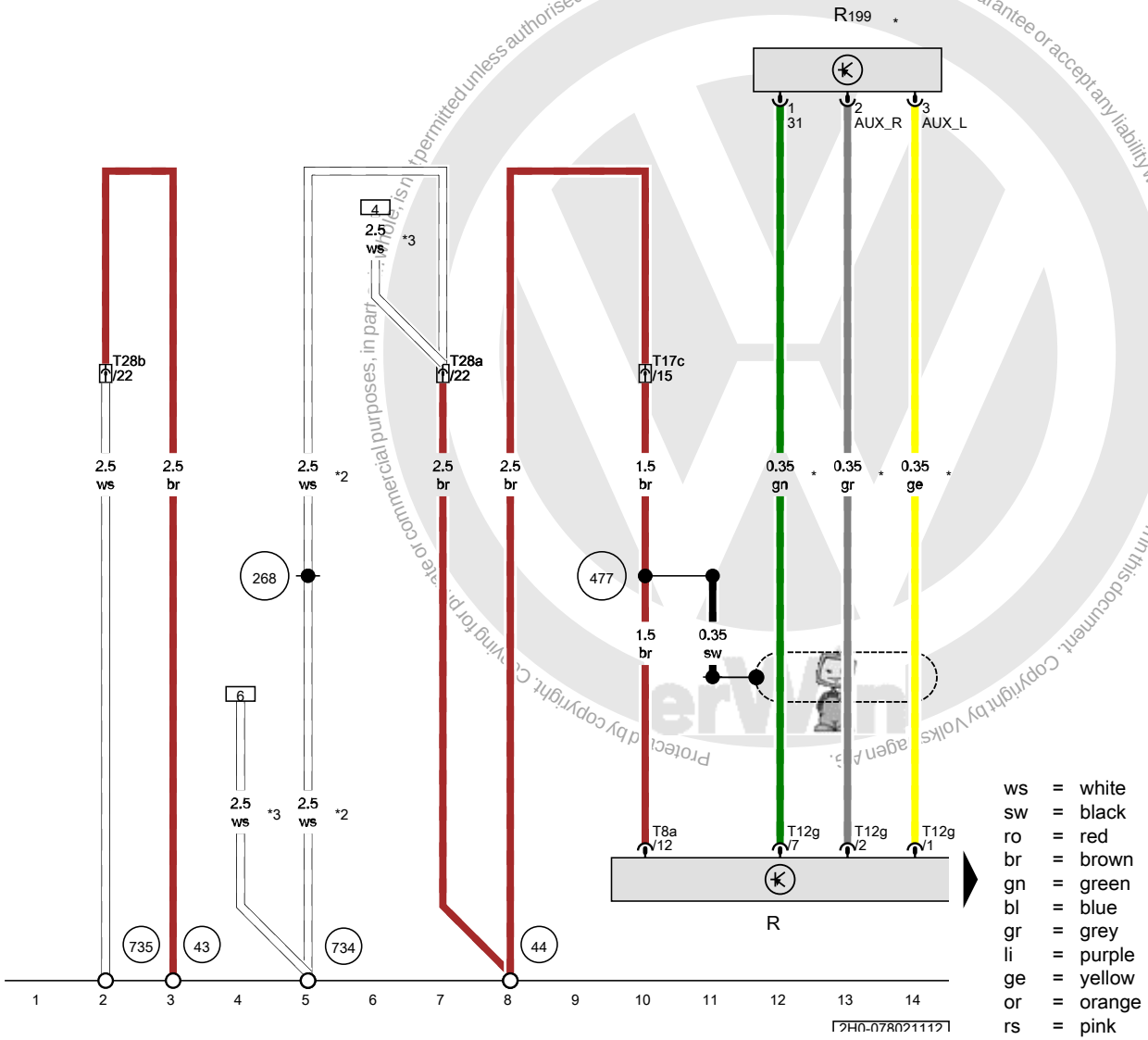
Radio, Connection for external audio sources

R	Radio
R199	Connection for external audio sources
T8a	8-pin connector, black
T12g	12-pin connector, blue
T17c	17-pin connector, on left under dash panel
T28a	28-pin connector, on left A-pillar, black
T28b	28-pin connector, on right A-pillar, black
43	Earth point, lower part of right A-pillar
44	Earth point, lower part of left A-pillar
268	Earth connection 2, in front passenger side door wiring harness
477	Earth connection (audio), in main wiring harness
734	Earth point in front left door
735	Earth point in front right door
*	From February 1995
*2	From February 2013
*3	Up to January 2013



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sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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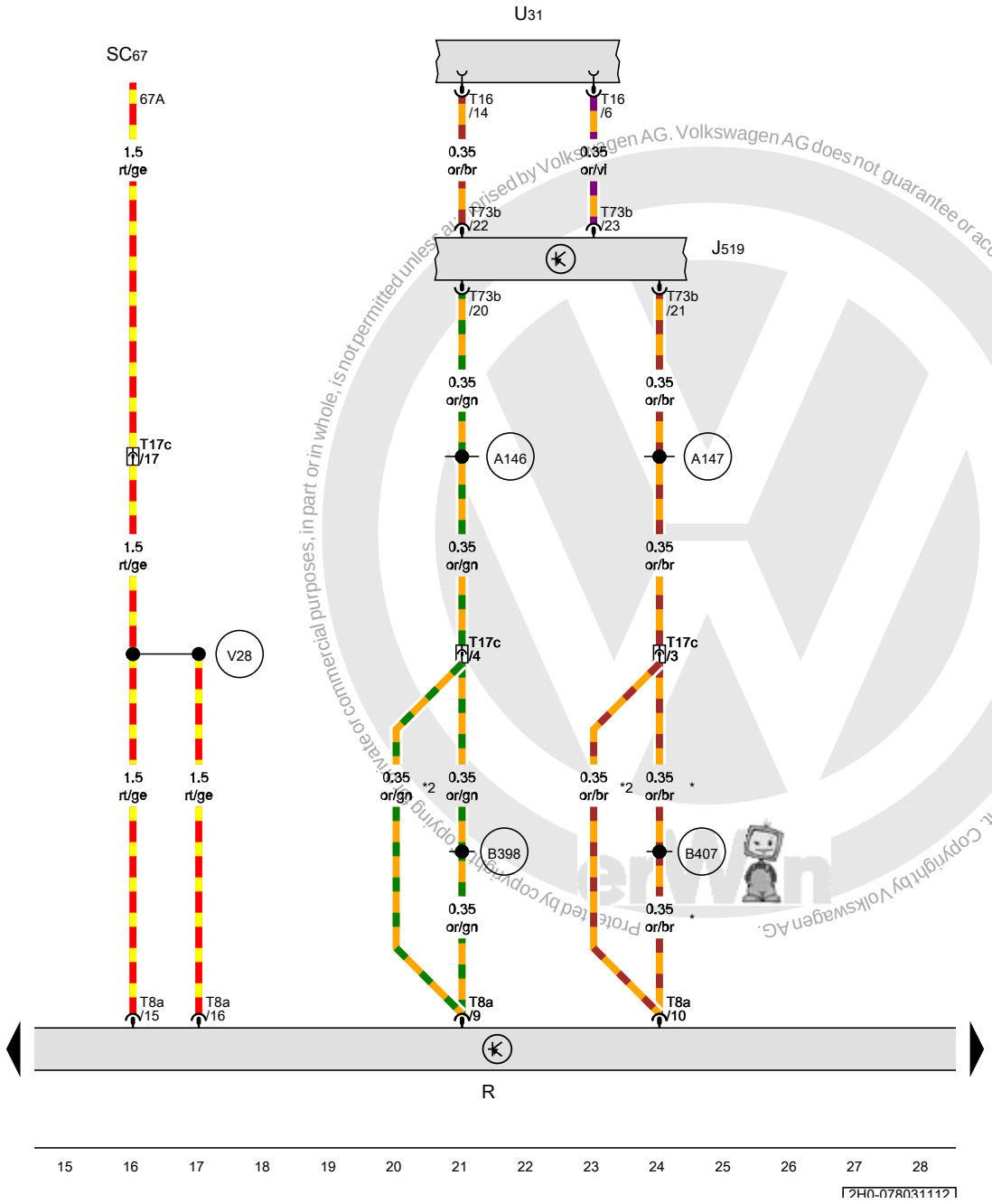
Radio, Fuse 67 on fuse holder C, Diagnostic connection



ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

J519	Onboard supply control unit
R	Radio
SC67	Fuse 67 on fuse holder C
T8a	8-pin connector, black
T16	16-pin connector, black
T17c	17-pin connector, on left under dash panel
T73b	73-pin connector
U31	Diagnostic connection, near driver side A-pillar
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
V28	Connection 1, in radio wiring harness
*	From February 1995
*2	Up to January 1995

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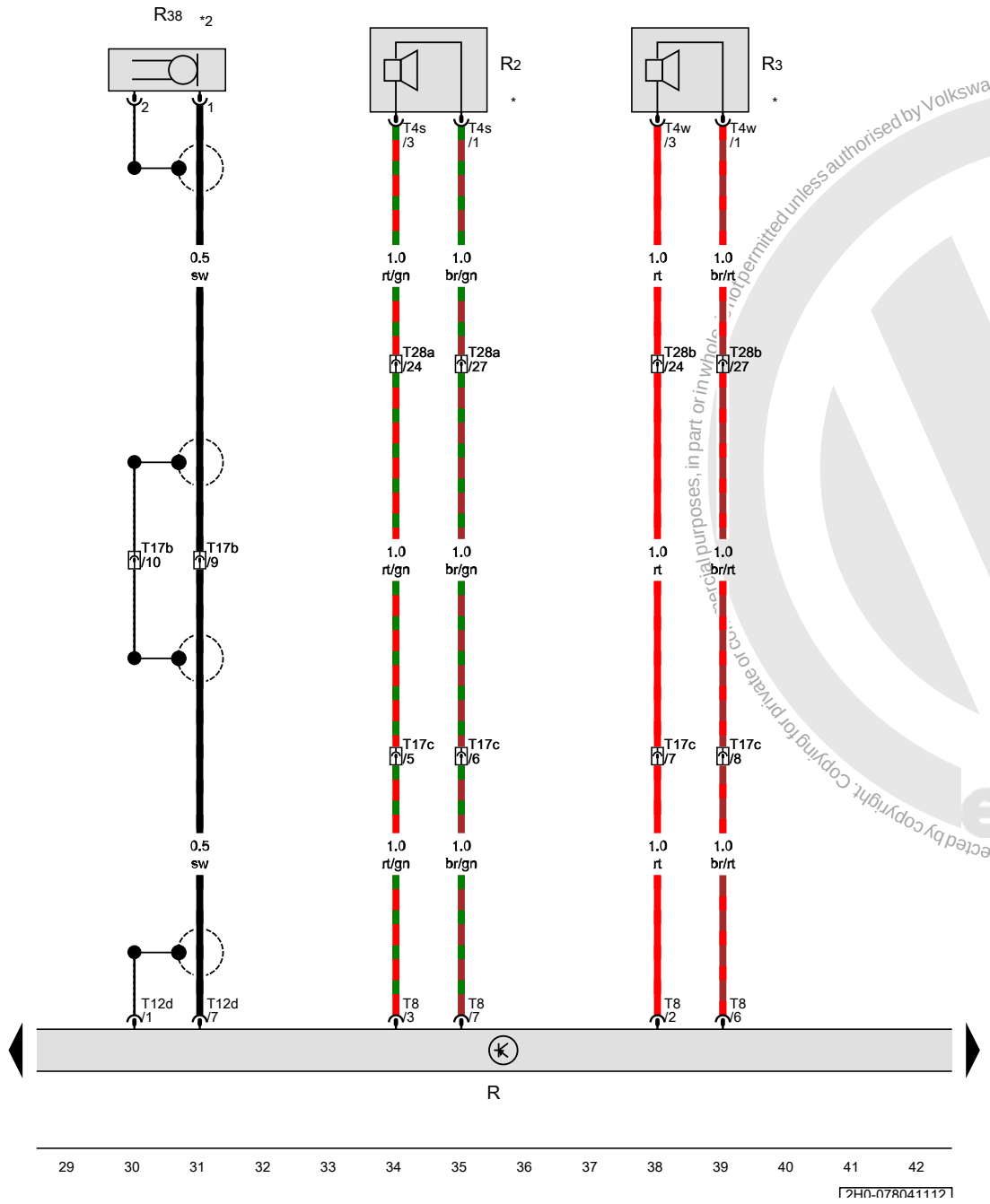

Radio, Front left loudspeaker, Front right loudspeaker, Telephone microphone

R	Radio
R2	Front left loudspeaker
R3	Front right loudspeaker
R38	Telephone microphone, near interior mirror
T4s	4-pin connector
T4w	4-pin connector
T8	8-pin connector, brown
T12d	12-pin connector, green
T17b	17-pin connector, on relay carrier, brown
T17c	17-pin connector, on left under dash panel
T28a	28-pin connector, on left A-pillar, black
T28b	28-pin connector, on right A-pillar, black
*	Only models with 2 loudspeakers (8RD)
*2	Only models with mobile telephone/ preparation for mobile telephone

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
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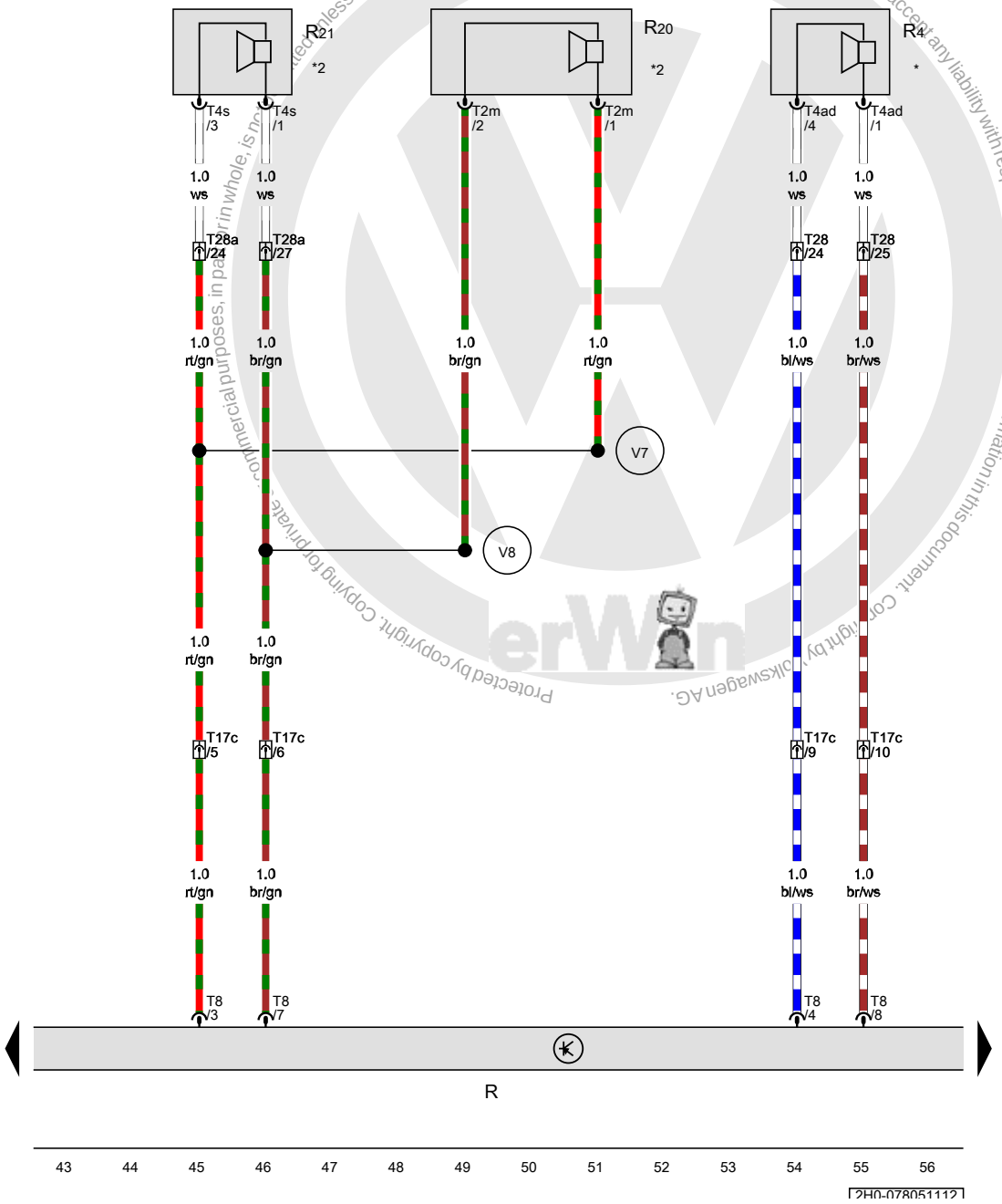

Radio, Rear left loudspeaker, Front left treble loudspeaker, Front left bass loudspeaker

R	Radio
R4	Rear left loudspeaker
R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
T2m	2-pin connector
T4ad	4-pin connector
T4s	4-pin connector
T8	8-pin connector, brown
T17c	17-pin connector, on left under dash panel
T28	28-pin connector, on left B-pillar, black
T28a	28-pin connector, on left A-pillar, black
V7	Connection (positive, front left loudspeaker), in loudspeaker wiring harness
V8	Connection (negative, front left loudspeaker), in loudspeaker wiring harness
*	Only models with equipment (6-passive loudspeakers)
*2	Only models with 4 or 6 loudspeakers

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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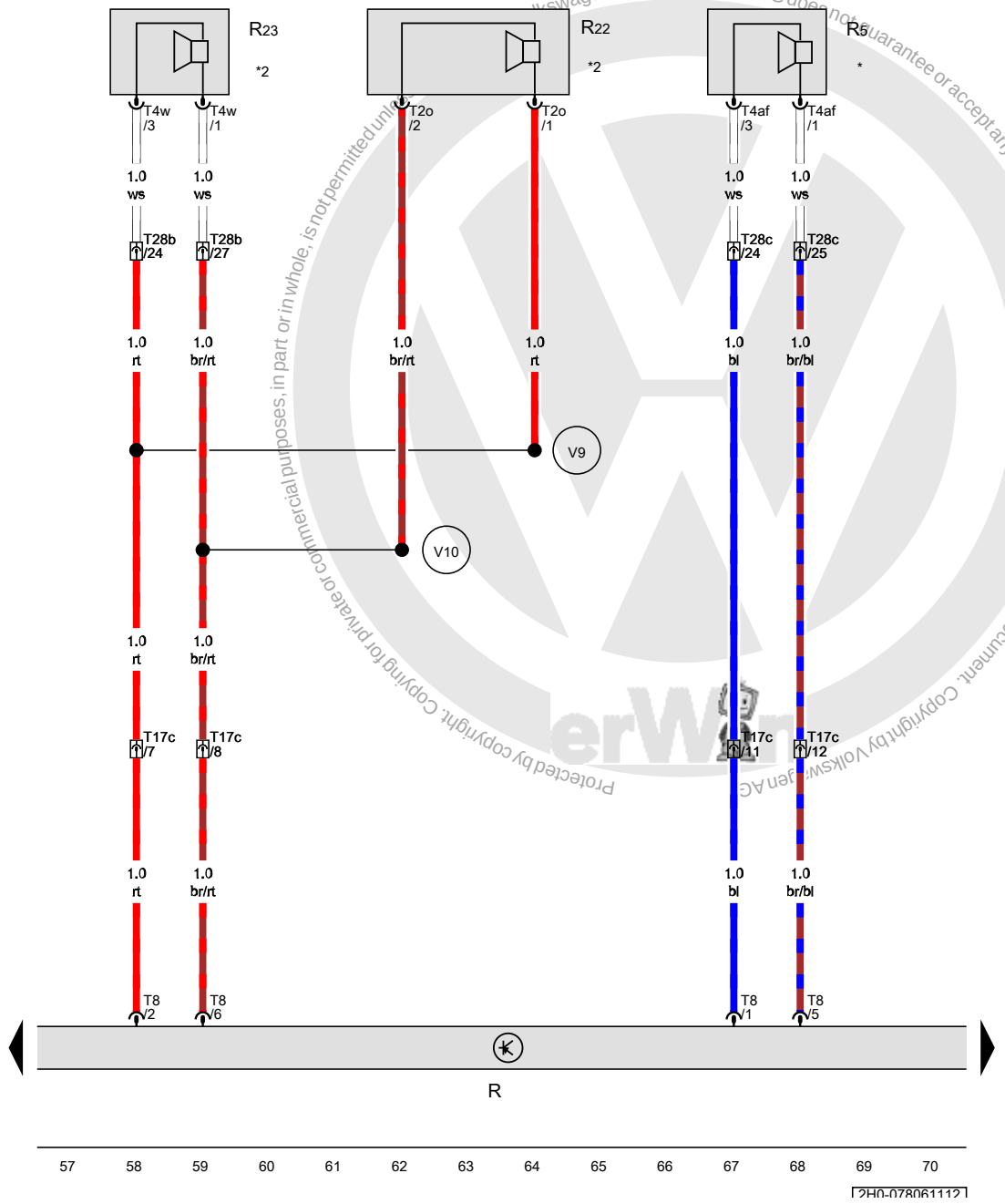

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Radio, Rear right loudspeaker, Front right treble loudspeaker, Front right bass loudspeaker

R	Radio
R5	Rear right loudspeaker
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
T2o	2-pin connector
T4af	4-pin connector
T4w	4-pin connector
T8	8-pin connector, brown
T17c	17-pin connector, on left under dash panel
T28b	28-pin connector, on right A-pillar, black
T28c	28-pin connector, on right B-pillar, black
V9	Connection (positive, front right loudspeaker), in loudspeaker wiring harness
V10	Connection (negative, front right loudspeaker), in loudspeaker wiring harness
*	Only models with equipment (6-passive loudspeakers)
*2	Only models with 4 or 6 loudspeakers

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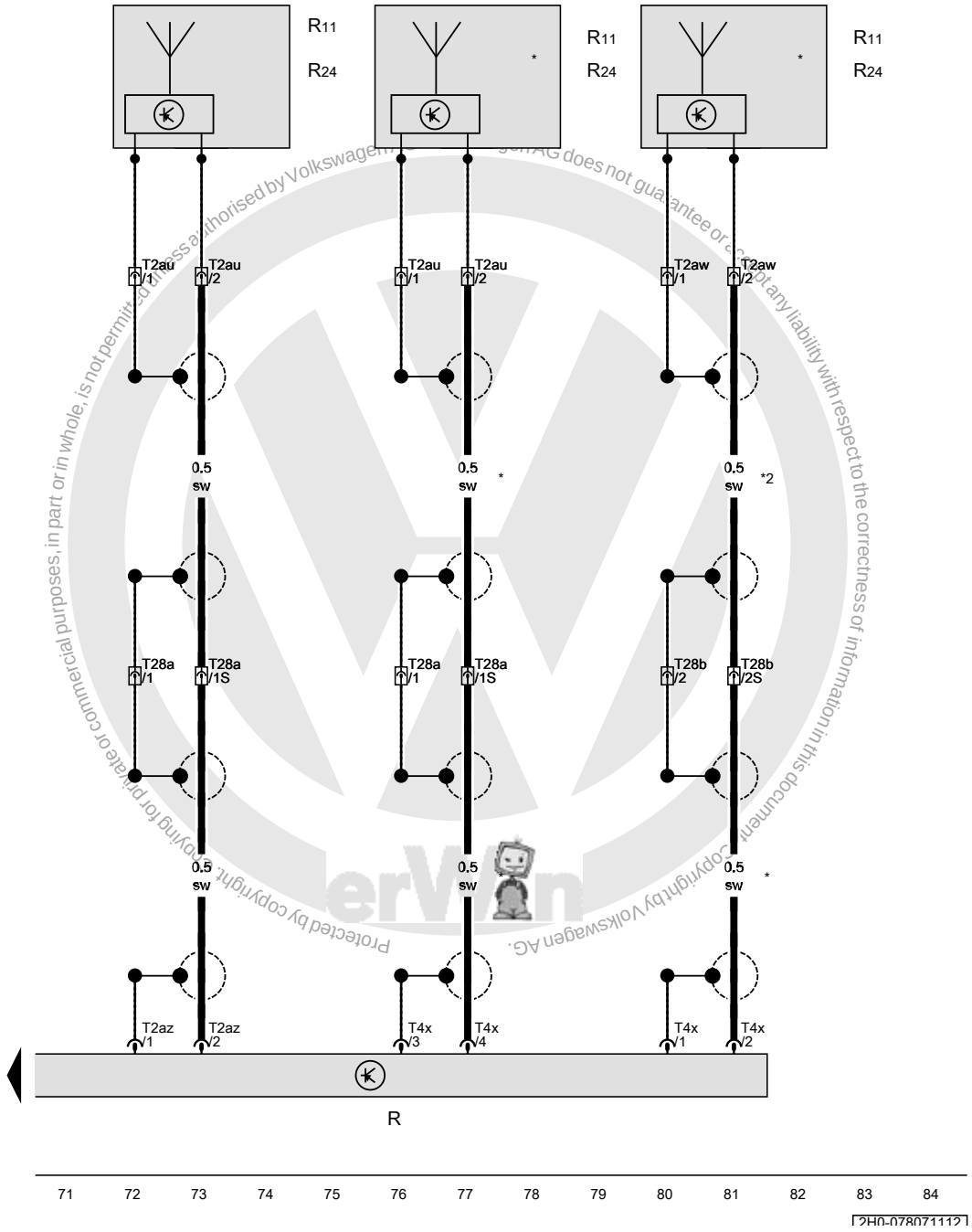

Radio, Aerial, Aerial amplifier

R	Radio
R11	Aerial
R24	Aerial amplifier
T2au	2-pin connector, in left door, near exterior mirror, black
T2aw	2-pin connector, in right door, near exterior mirror, black
T2az	2-pin connector, colourless
T4x	4-pin connector, colourless
T28a	28-pin connector, on left A-pillar, black
T28b	28-pin connector, on right A-pillar, black
*	Only models with radio RCD 310/RCD 510
*2	Only models with radio and amplifier

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Radio navigation system , (8AY),(7UC),(7UK),(7T6)

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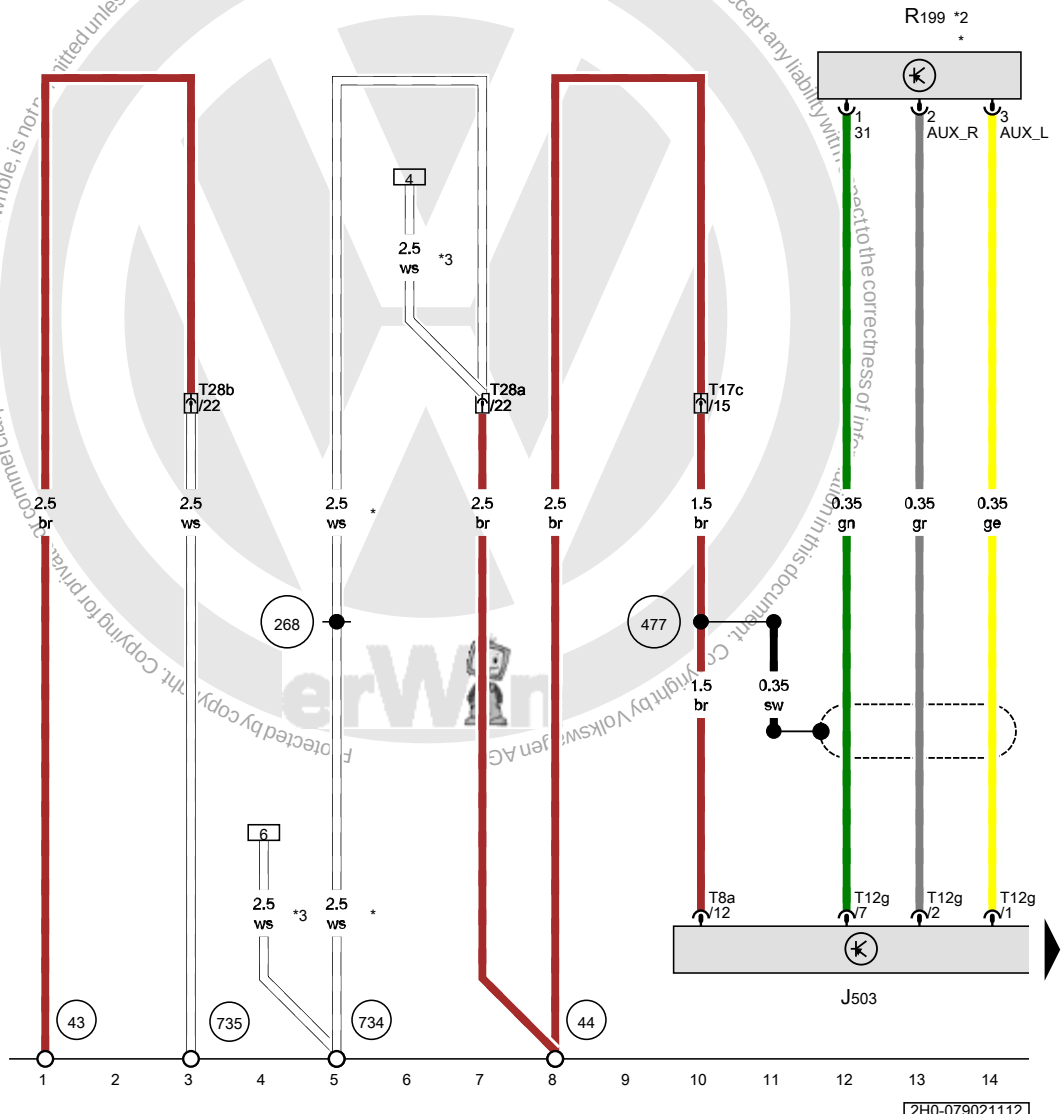

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Control unit with display for radio and navigation, Connection for external audio sources

J503	Control unit with display for radio and navigation
R199	Connection for external audio sources
T8a	8-pin connector, black
T12g	12-pin connector, blue
T17c	17-pin connector, on left under dash panel
T28a	28-pin connector, on left A-pillar, black
T28b	28-pin connector, on right A-pillar, black
43	Earth point, lower part of right A-pillar
44	Earth point, lower part of left A-pillar
268	Earth connection 2, in front passenger side door wiring harness
477	Earth connection (audio), in main wiring harness
734	Earth point in front left door
735	Earth point in front right door
*	From February 2013
*2	According to equipment
*3	Up to January 2013

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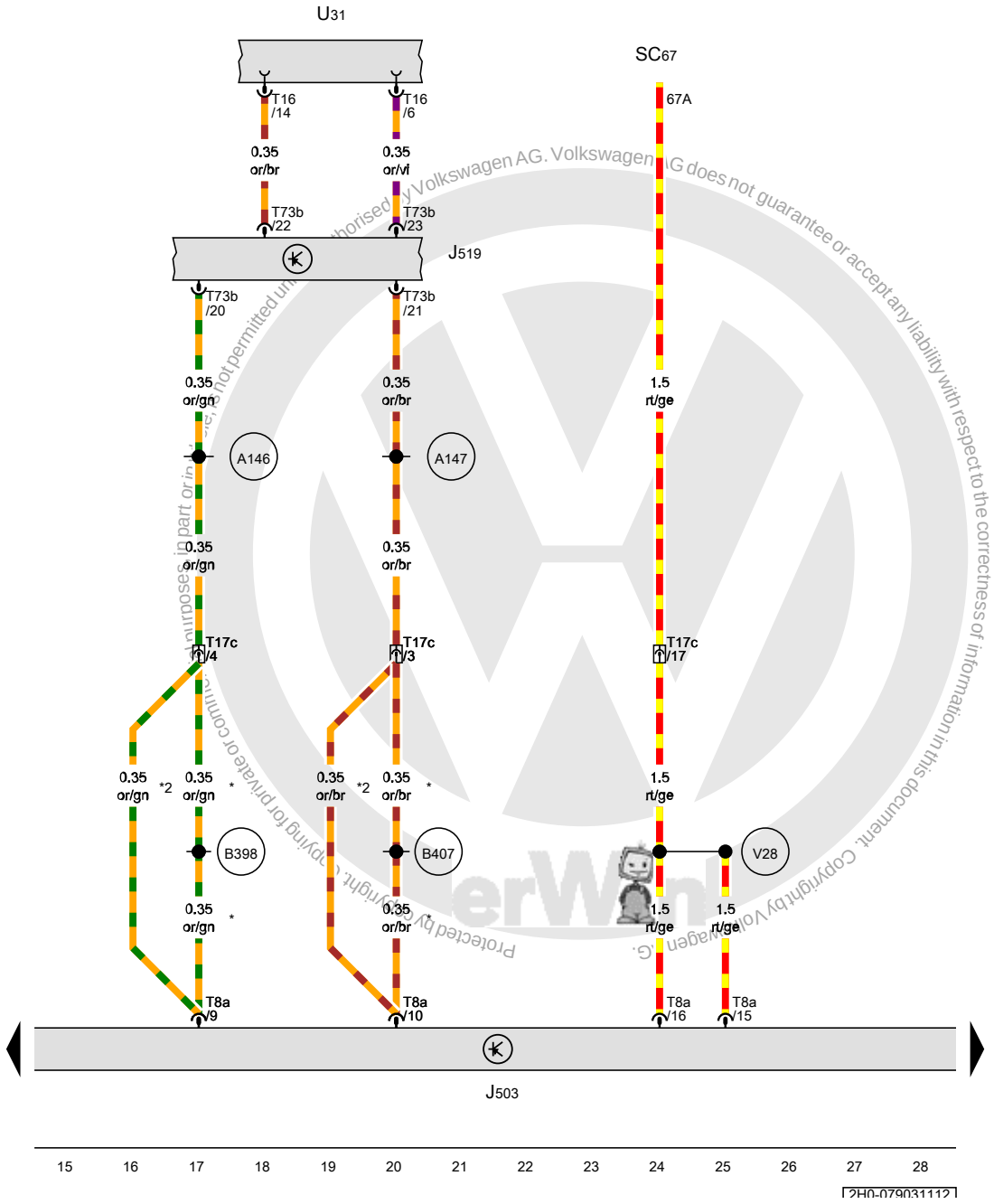

Control unit with display for radio and navigation, Fuse 67 on fuse holder C, Diagnostic connection

J503	Control unit with display for radio and navigation
J519	Onboard supply control unit
SC67	Fuse 67 on fuse holder C
T8a	8-pin connector, black
T16	16-pin connector, black
T17c	17-pin connector, on left under dash panel
T73b	73-pin connector, colourless
U31	Diagnostic connection
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
V28	Connection 1, in radio wiring harness
*	From February 2013
*2	Up to January 2013

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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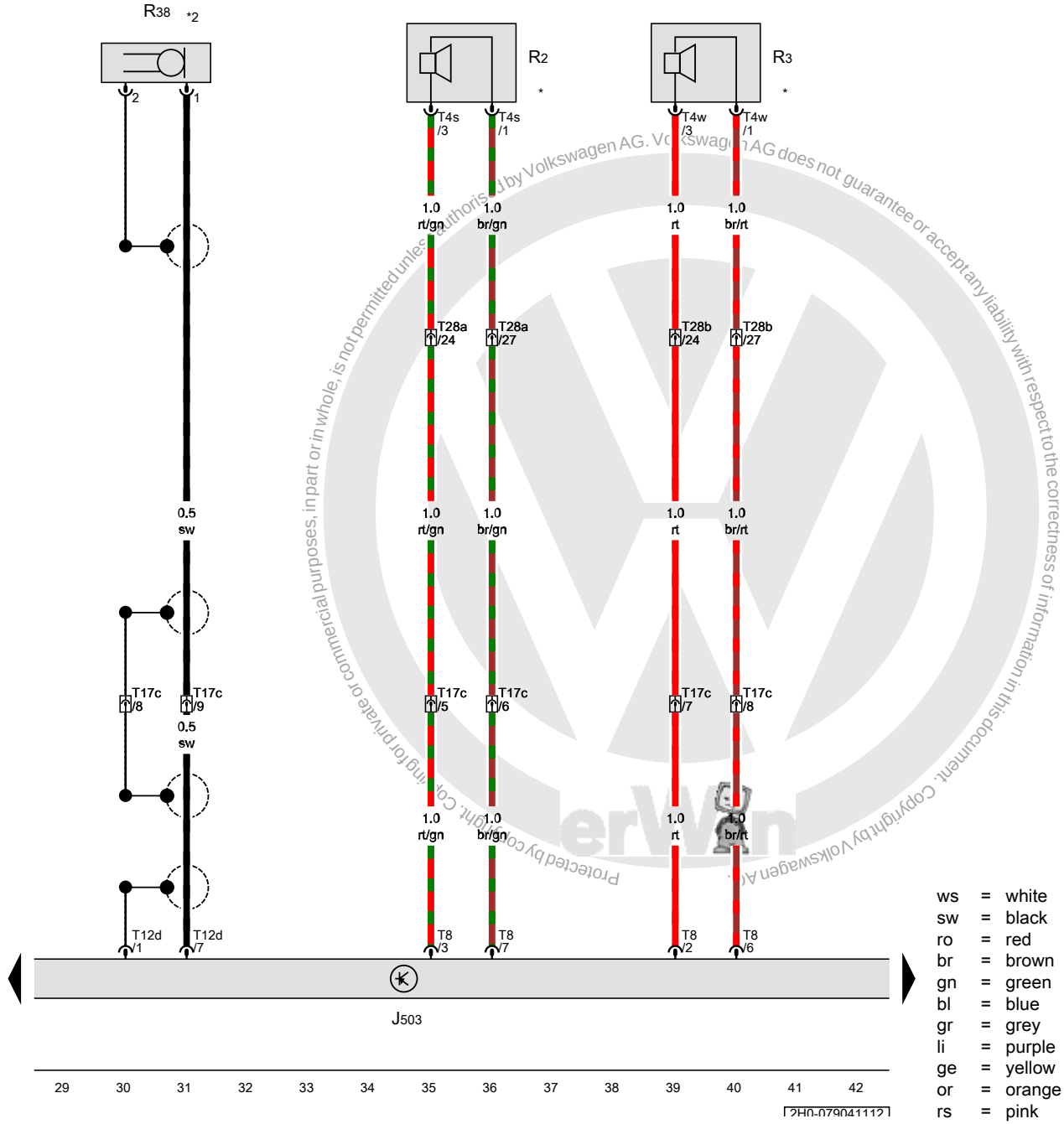

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Control unit with display for radio and navigation, Front left loudspeaker, Front right loudspeaker, Telephone microphone

J503	Control unit with display for radio and navigation
R2	Front left loudspeaker
R3	Front right loudspeaker
R38	Telephone microphone
T4s	4-pin connector, black
T4w	4-pin connector, black
T8	8-pin connector, brown
T12d	12-pin connector, green
T17c	17-pin connector, on left under dash panel
T28a	28-pin connector, on left A-pillar, black
T28b	28-pin connector, on right A-pillar, black
*	Only models with 2 loudspeakers (8RD)
*2	Only models with mobile telephone/ preparation for mobile telephone

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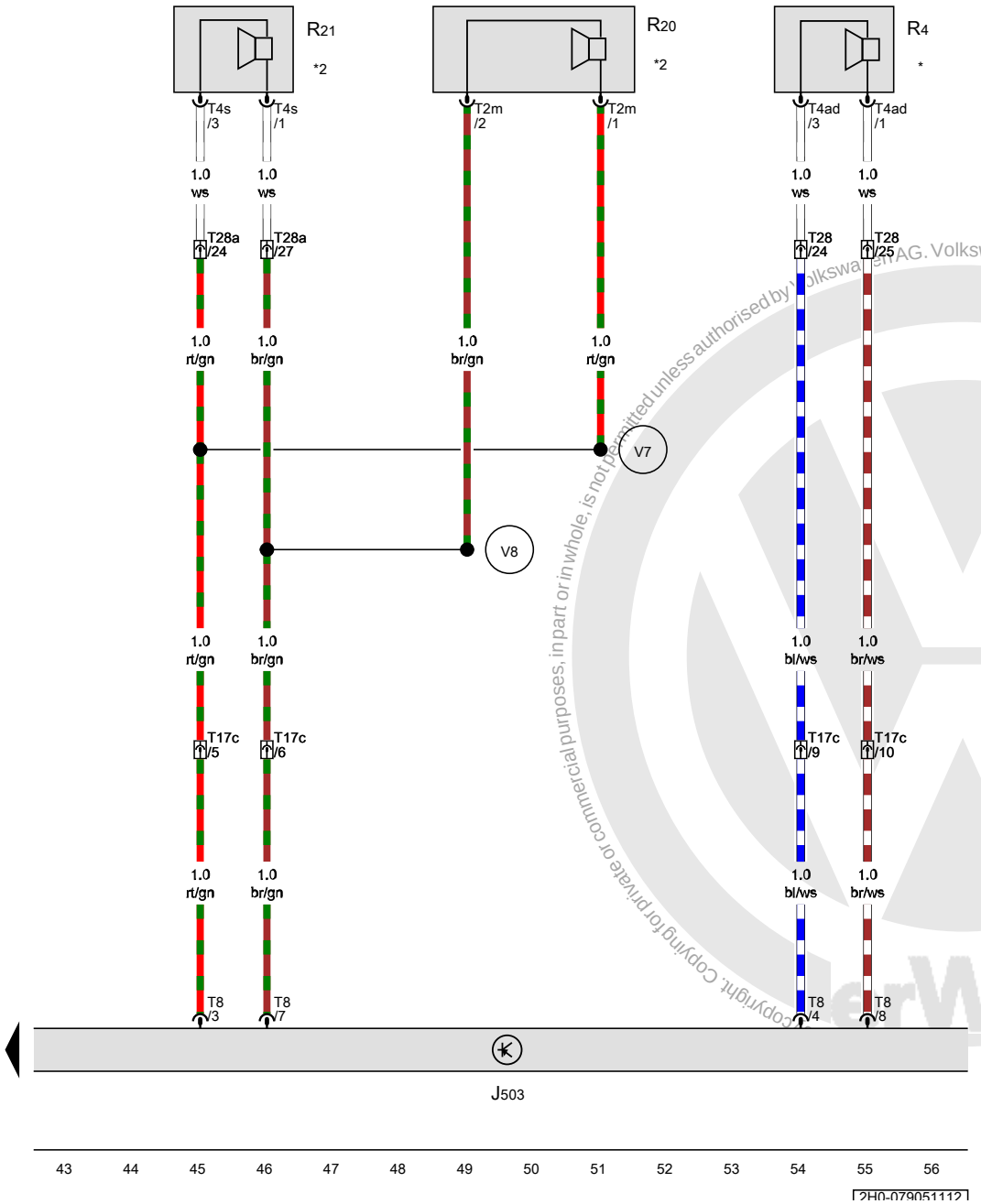

Control unit with display for radio and navigation, Rear left loudspeaker, Front left treble loudspeaker, Front left bass loudspeaker

J503	Control unit with display for radio and navigation
R4	Rear left loudspeaker
R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
T2m	2-pin connector, black
T4ad	4-pin connector
T4s	4-pin connector, black
T8	8-pin connector, brown
T17c	17-pin connector, on left under dash panel
T28	28-pin connector, on left B-pillar, black
T28a	28-pin connector, on left A-pillar, black
V7	Connection (positive, front left loudspeaker), in loudspeaker wiring harness
V8	Connection (negative, front left loudspeaker), in loudspeaker wiring harness
*	Only models with equipment (6-passive loudspeakers)
*2	Only models with 4 or 6 loudspeakers

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
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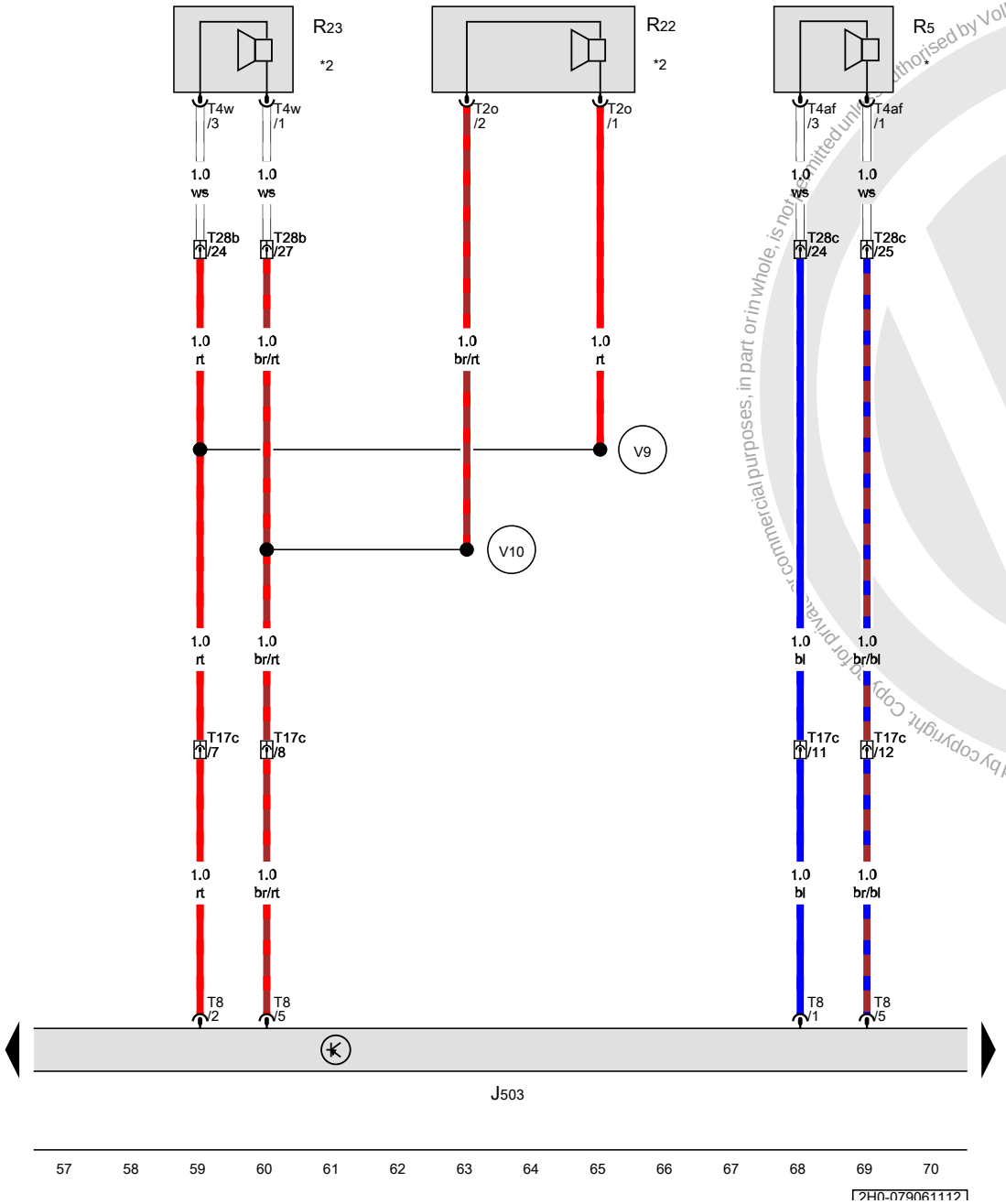

Control unit with display for radio and navigation, Rear right loudspeaker, Front right treble loudspeaker, Front right bass loudspeaker

J503	Control unit with display for radio and navigation
R5	Rear right loudspeaker
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
T2o	2-pin connector, black
T4af	4-pin connector, black
T4w	4-pin connector, black
T8	8-pin connector, brown
T17c	17-pin connector, on left under dash panel
T28b	28-pin connector, on right A-pillar, black
T28c	28-pin connector, on right B-pillar, black
V9	Connection (positive, front right loudspeaker), in loudspeaker wiring harness
V10	Connection (negative, front right loudspeaker), in loudspeaker wiring harness
*	Only models with equipment (6-passive loudspeakers)
*2	Only models with 4 or 6 loudspeakers

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sw	=	black
ro	=	red
br	=	brown
gn	=	green
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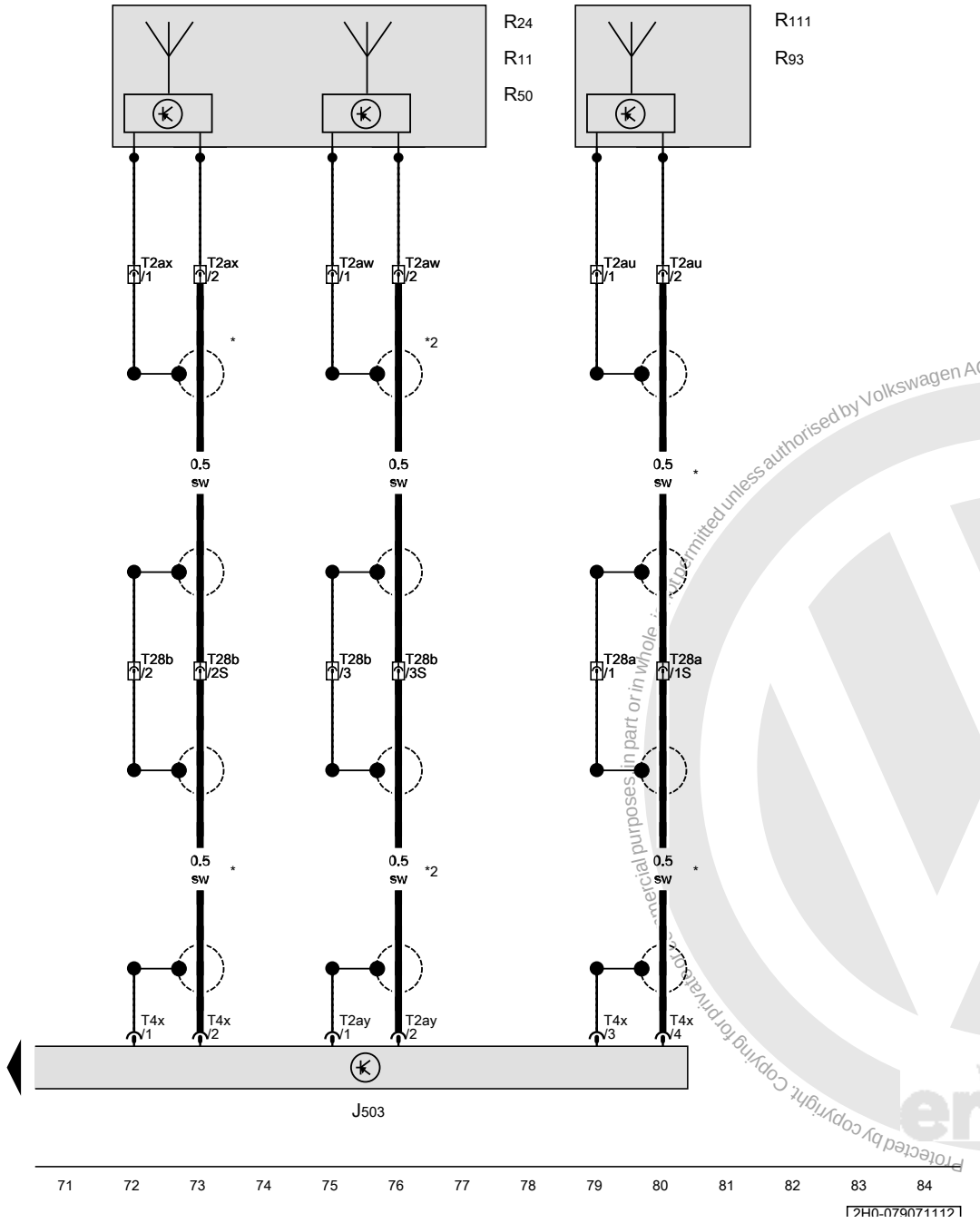

Control unit with display for radio and navigation, Aerial, Aerial amplifier, GPS aerial, Radio aerial 2

J503	Control unit with display for radio and navigation
R11	Aerial
R24	Aerial amplifier
R50	GPS aerial
R93	Radio aerial 2
R111	Aerial amplifier 2
T2au	2-pin connector, in left door, near exterior mirror
T2aw	2-pin connector, in right door, near exterior mirror, blue
T2ax	2-pin connector, in right door, near exterior mirror
T2ay	2-pin connector, blue
T4x	4-pin connector, colourless
T28a	28-pin connector, on left A-pillar, black
T28b	28-pin connector, on right A-pillar, black
*	Aerial connection for radio
*2	Aerial connection for GPS

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Air supply for toothed belt drive (engine dust kit)

From November 2012

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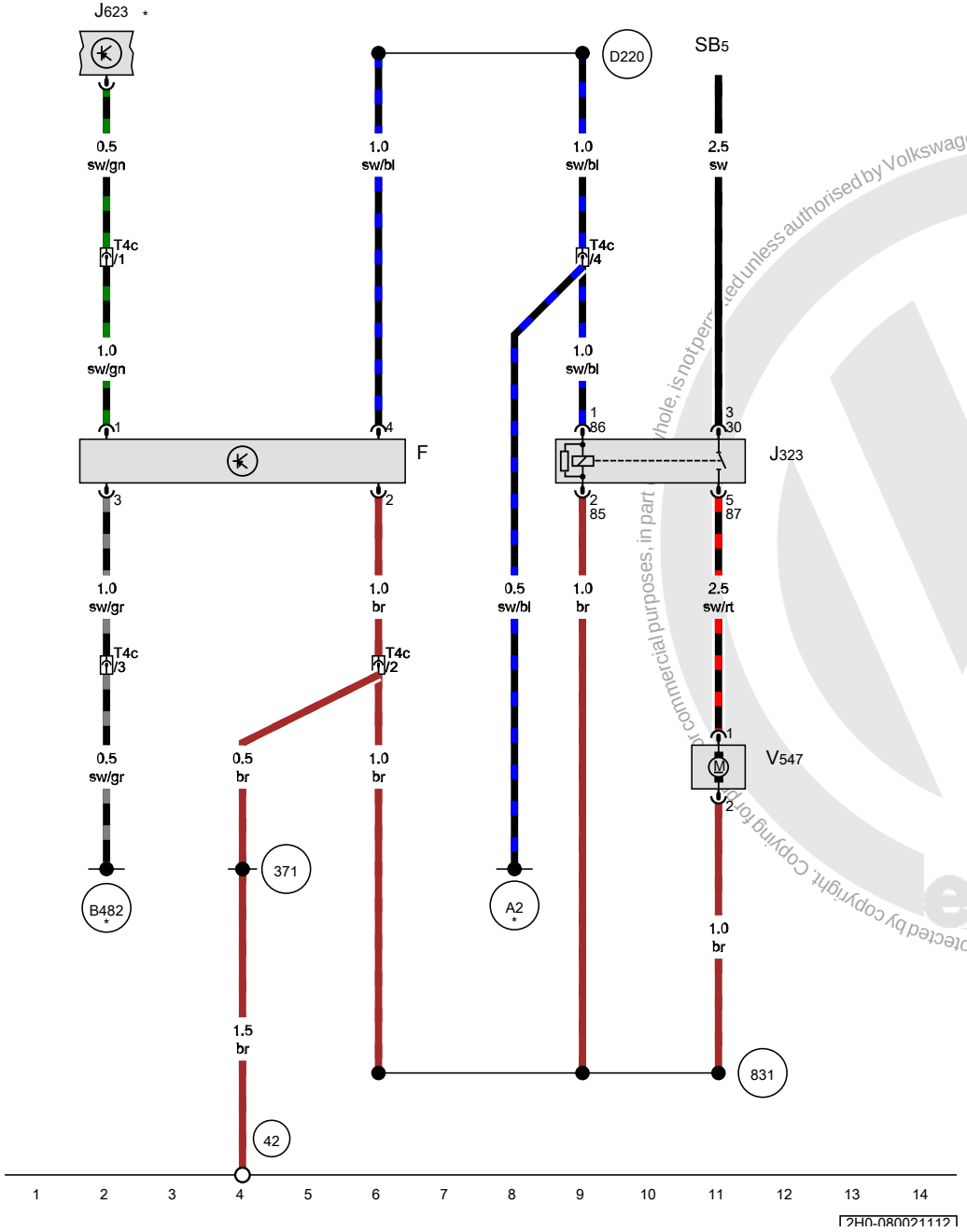

Blower relay, Air supply blower

F	Brake light switch, on brake master cylinder
J323	Blower relay, near engine control unit
J623	Engine control unit
SB5	Fuse 5 on fuse holder B
T4c	4-pin connector, black
V547	Air supply blower
42	Earth point, next to steering column
371	Earth connection 6, in main wiring harness
831	Earth connection in air supply wiring harness (engine dust kit)
A2	Positive connection (15), in dash panel wiring harness
B482	Connection 18, in main wiring harness
D220	Positive connection (15) in air supply wiring harness (engine dust kit)
*	see applicable current flow diagram for ABS

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Auxiliary coolant heater , CFPA

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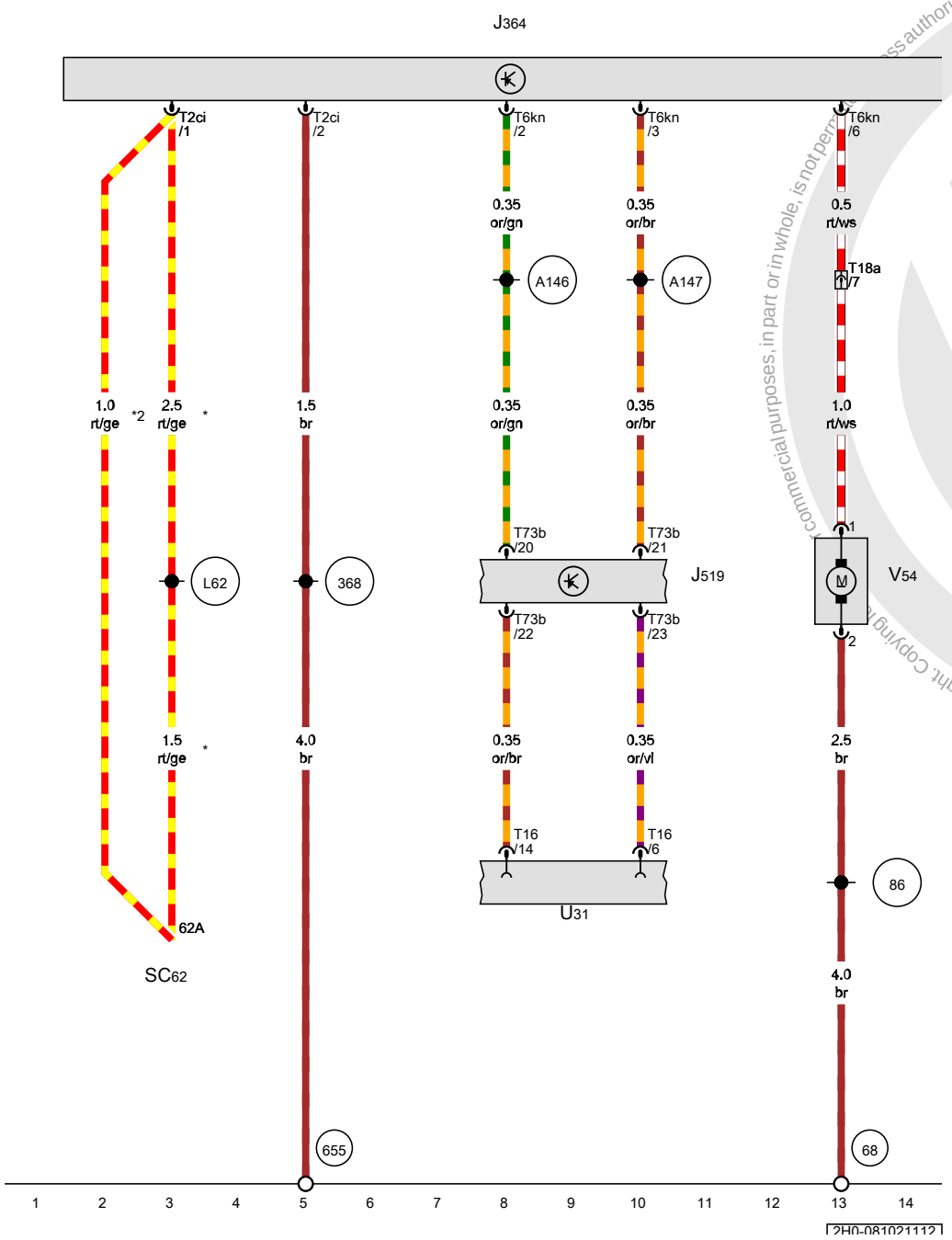

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Auxiliary heater control unit, Onboard supply control unit, Fuse 62 on fuse holder C, Metering pump

J364	Auxiliary heater control unit
J519	Onboard supply control unit
SC62	Fuse 62 on fuse holder C
T2ci	2-pin connector, black
T6kn	6-pin connector, black
T16	16-pin connector, black
T18a	18-pin connector, near engine control unit, grey
T73b	73-pin connector, colourless
U31	Diagnostic connection, near driver side A-pillar
V54	Metering pump
68	Earth point, on left of rear cross member
86	Earth connection 1, in rear wiring harness
368	Earth connection 3, in main wiring harness
655	Earth point, on left headlight
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
L62	Positive connection (30a), in auxiliary heater wiring harness
*	Only models with air conditioning system/ Climatronic
*2	Only models with no air conditioning system/Climatronic

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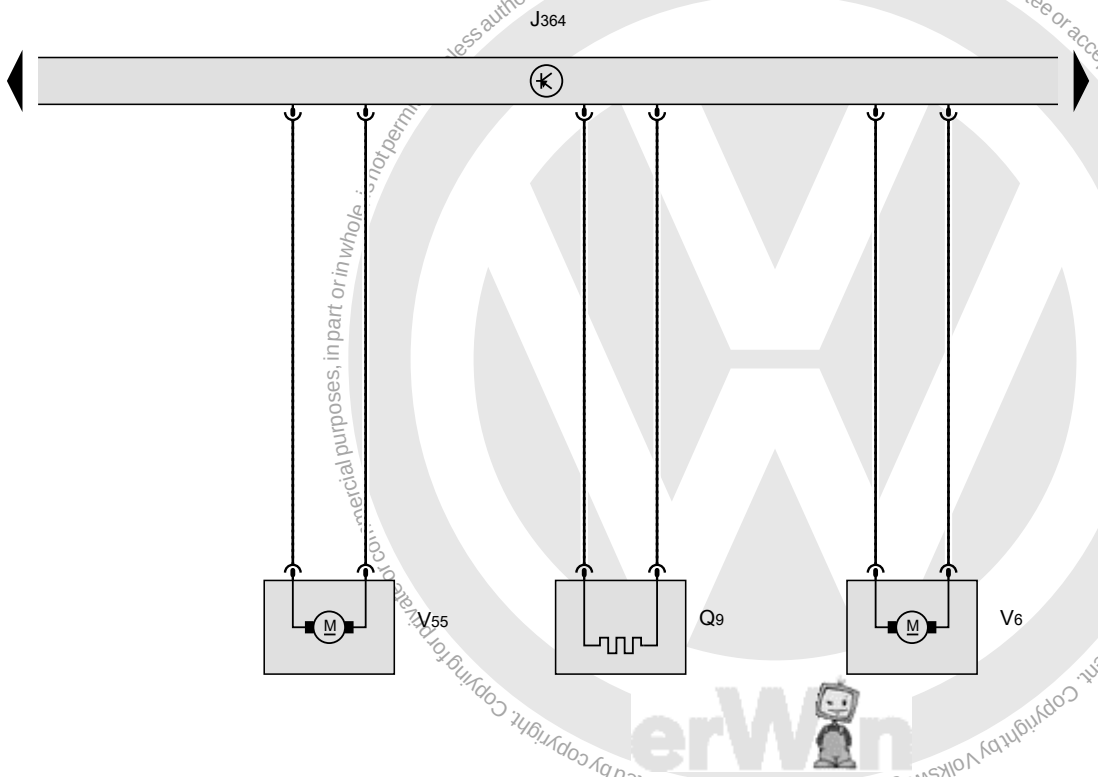

Auxiliary heater control unit, Glow plug for heater, Combustion air blower

J364	Auxiliary heater control unit
Q9	Glow plug for heater
V6	Combustion air blower
V55	Circulation pump

15 16 17 18 19 20 21 22 23 24 25 26 27 28

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sw	=	black
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br	=	brown
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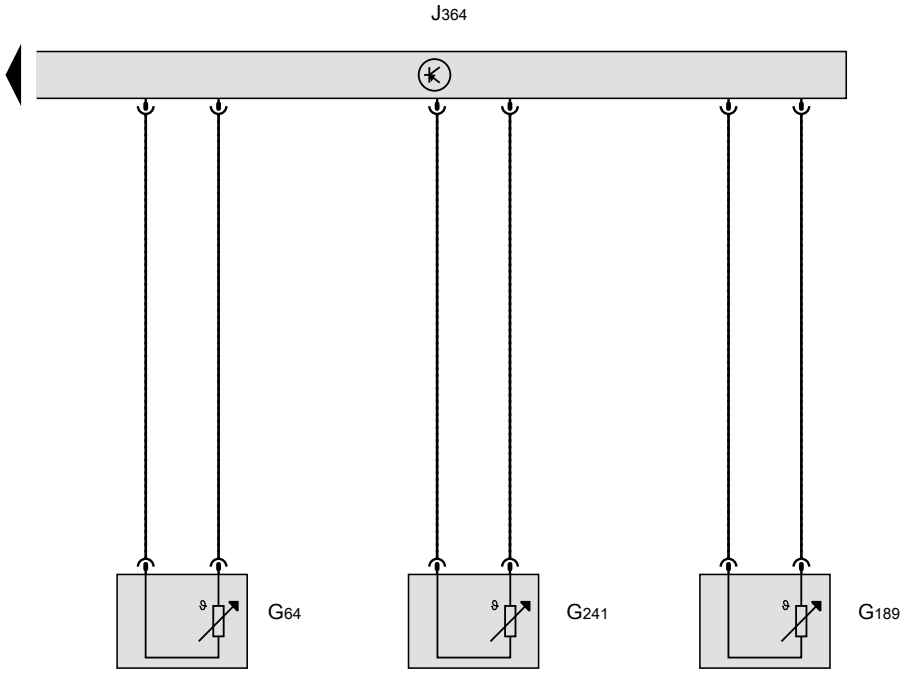
Flame monitor, Overheating sensor, Coolant temperature sender for heater, Auxiliary heater control unit

G64	Flame monitor
G189	Overheating sensor
G241	Coolant temperature sender for heater
J364	Auxiliary heater control unit



29 30 31 32 33 34 35 36 37 38 39 40 41 42

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Reversing camera (Rear Assist)

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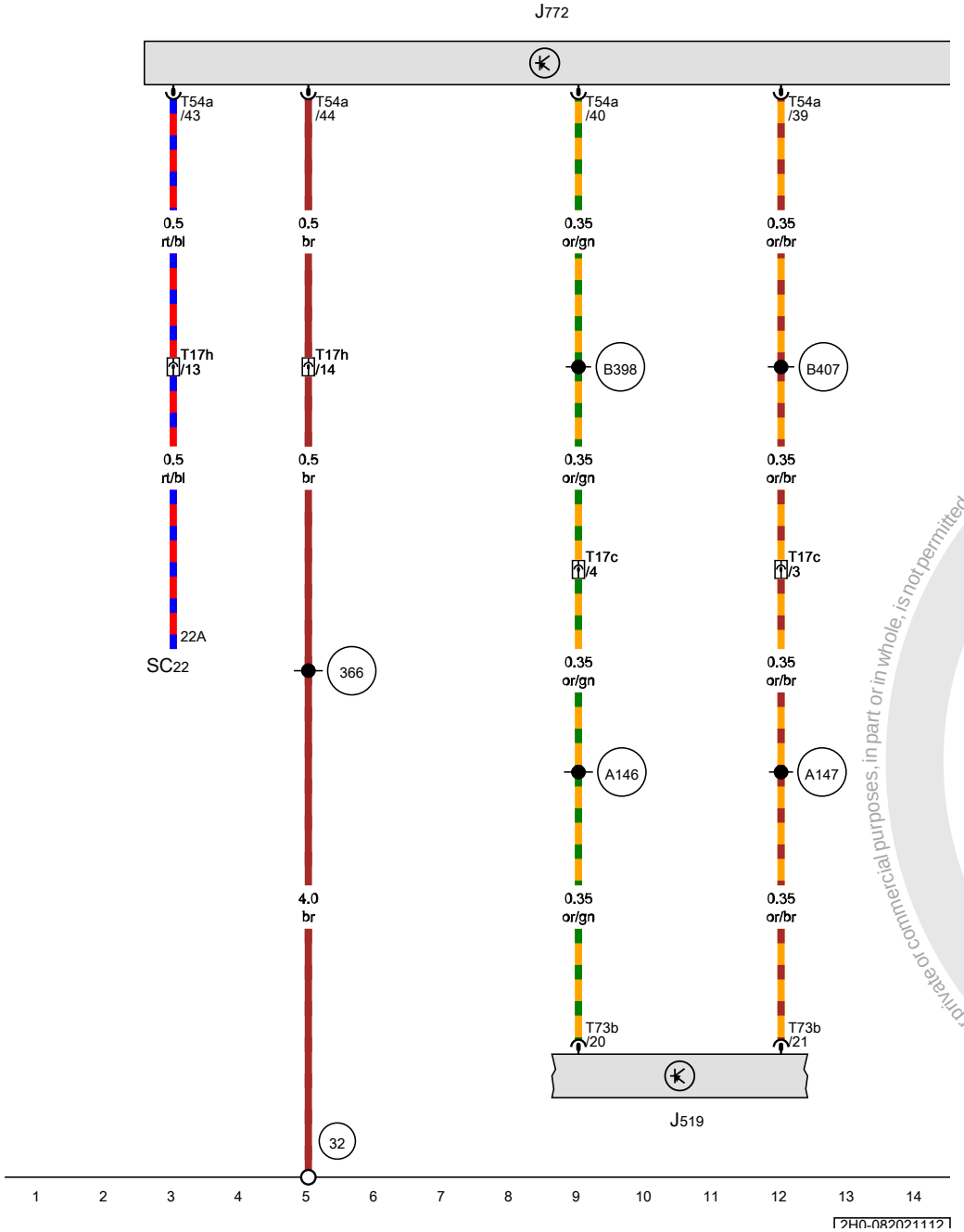

Onboard supply control unit, Reversing camera system control unit

J519	Onboard supply control unit
J772	Reversing camera system control unit
SC22	Fuse 22 on fuse holder C
T17c	17-pin connector, on left under dash panel, white
T17h	17-pin connector, on left under dash panel, blue
T54a	54-pin connector, light blue
T73b	73-pin connector, white
32	Earth point, on left behind dash panel
366	Earth connection 1, in main wiring harness
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness

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br	=	brown
gn	=	green
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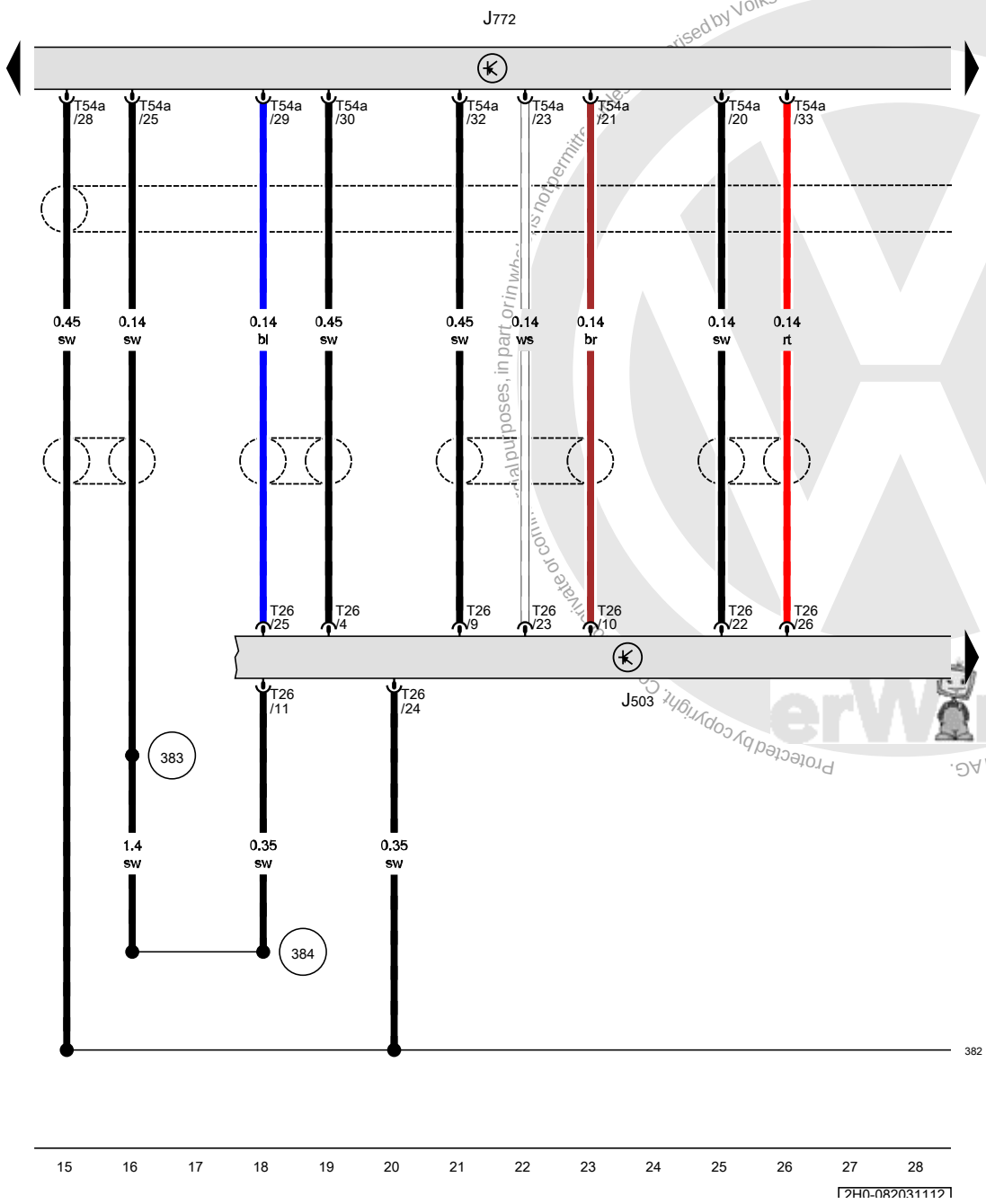

Control unit with display for radio and navigation, Reversing camera system control unit

J503	Control unit with display for radio and navigation
J772	Reversing camera system control unit
T26	26-pin connector, black
T54a	54-pin connector, light blue
382	Earth connection 17, in main wiring harness
383	Earth connection 18, in main wiring harness
384	Earth connection 19, in main wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
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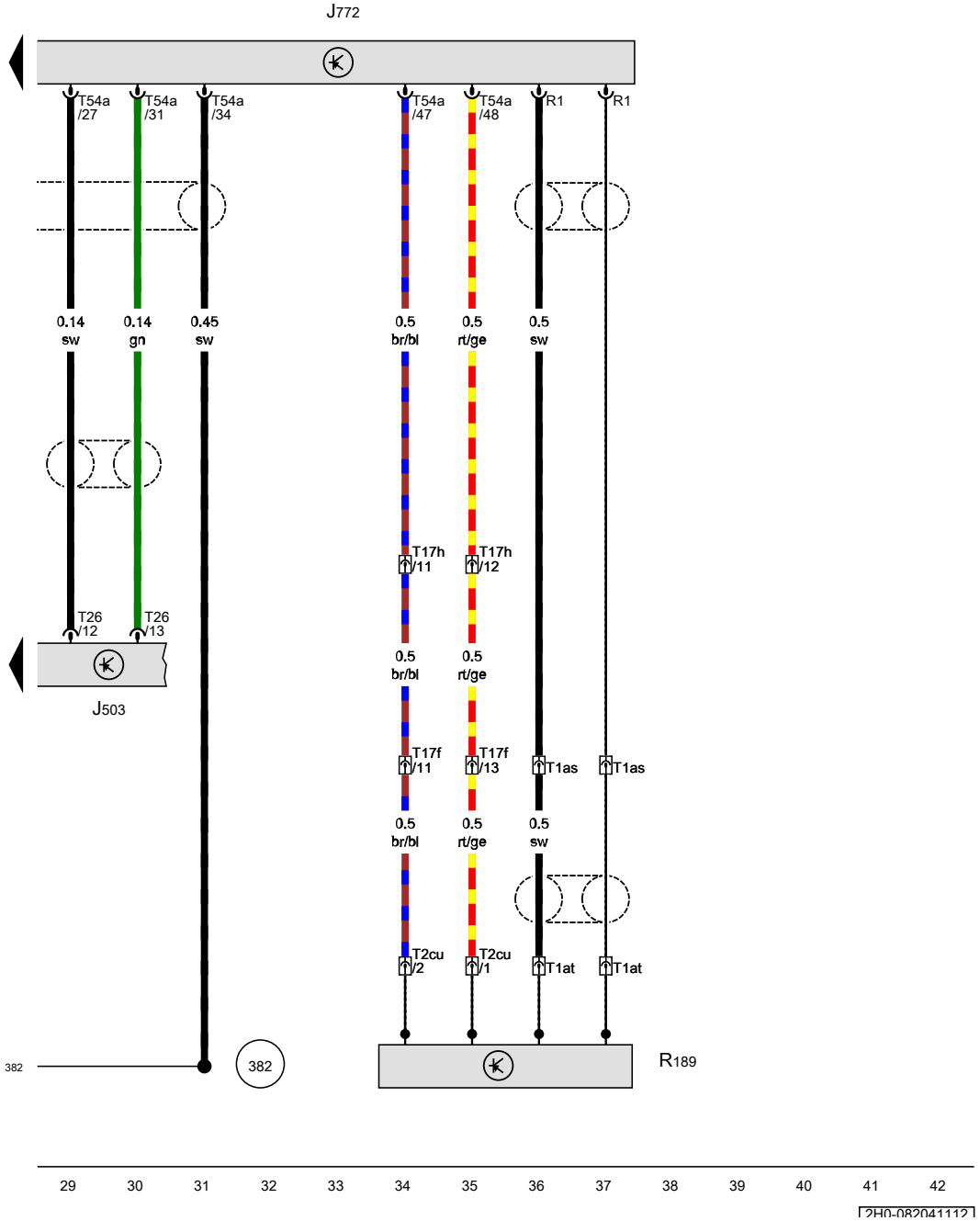

Control unit with display for radio and navigation, Reversing camera system control unit, Reversing camera

J503	Control unit with display for radio and navigation
J772	Reversing camera system control unit
R189	Reversing camera
T1as	Single connector, near handbrake lever, grey
T1at	Single connector, grey
T2cu	2-pin connector, black, in rear lid
T17f	17-pin connector, near handbrake lever, blue
T17h	17-pin connector, on left under dash panel, blue
T26	26-pin connector, black
T54a	54-pin connector, light blue
382	Earth connection 17, in main wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
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Interface for external use

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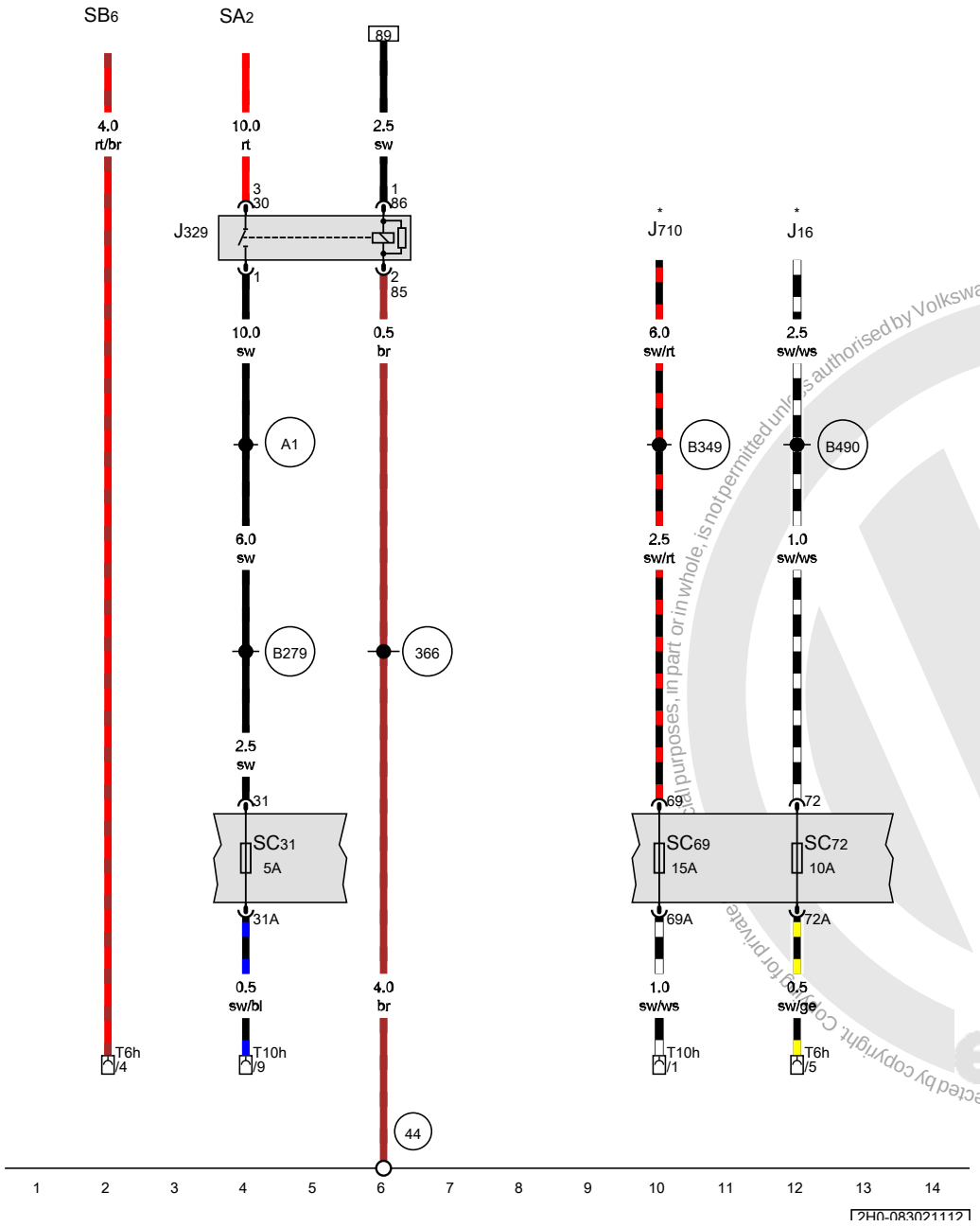

Voltage supply relay 2, Fuse 2 in fuse holder A, Fuse 31 on fuse holder C, Fuse 69 on fuse holder C, Fuse 72 on fuse holder C

J16	Current supply relay
J329	Terminal 15 voltage supply relay
J710	Voltage supply relay 2, on relay carrier
SA2	Fuse 2 in fuse holder A
SB6	Fuse 6 on fuse holder B
SC31	Fuse 31 on fuse holder C
SC69	Fuse 69 on fuse holder C
SC72	Fuse 72 on fuse holder C
T6h	6-pin connector, in front centre console, grey
T10h	10-pin connector, in left footwell, near centre console, purple
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
A1	Positive connection (30a), in dash panel wiring harness
B279	Positive connection 3 (15a) in main wiring harness
B349	Connection 2 (75a), in main wiring harness
B490	Connection 26, in main wiring harness
*	see applicable current flow diagram for fuse assignment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
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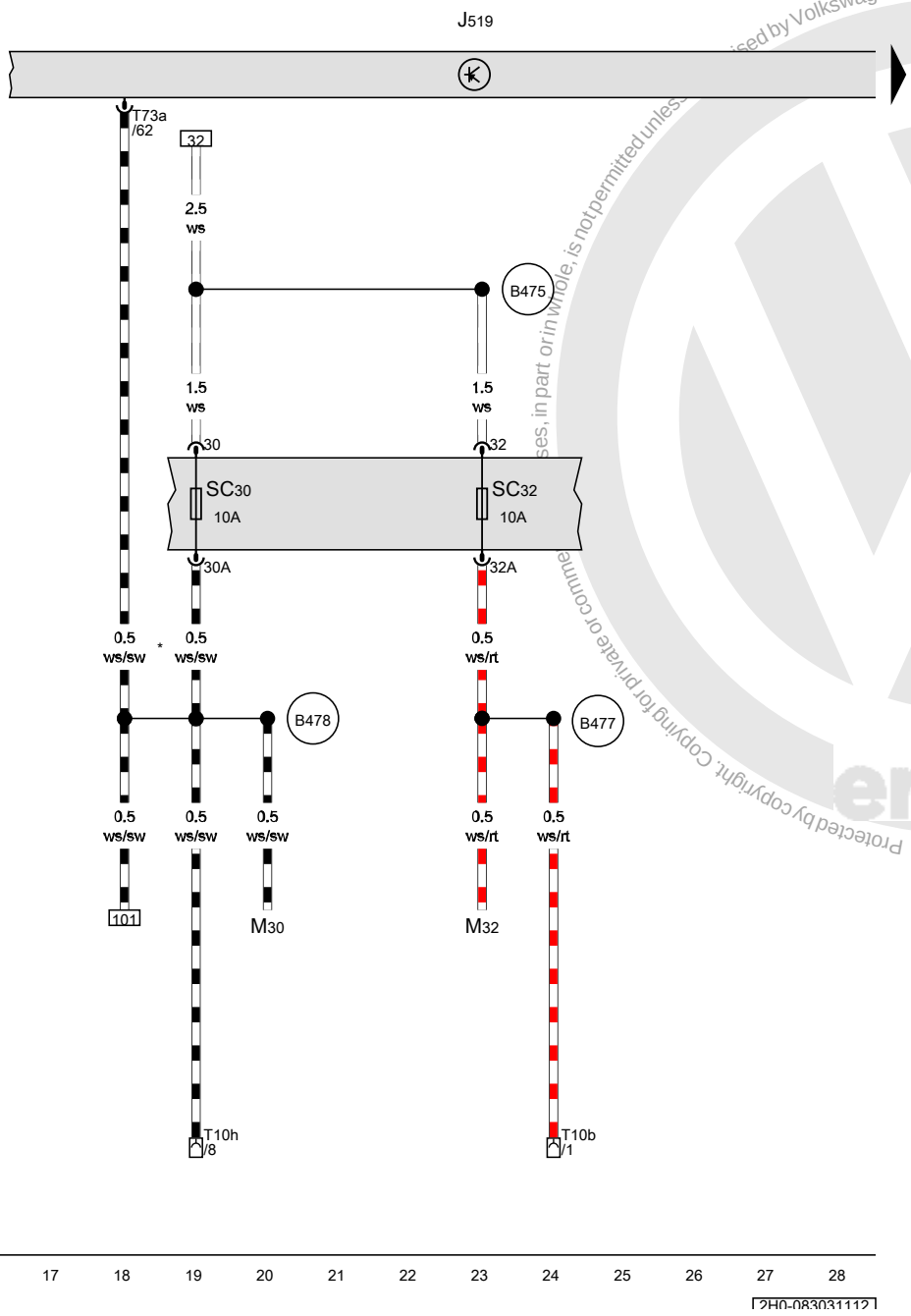

Onboard supply control unit, Fuse 30 on fuse holder C, Fuse 32 on fuse holder C

J519	Onboard supply control unit
M30	Left headlight main beam bulb
M32	Right headlight main beam bulb
SC30	Fuse 30 on fuse holder C
SC32	Fuse 32 on fuse holder C
T10b	10-pin connector, in left footwell, near centre console, yellow
T10h	10-pin connector, in left footwell, near centre console, purple
T73a	73-pin connector, black
B475	Connection 11, in main wiring harness
B477	Connection 13, in main wiring harness
B478	Connection 14, in main wiring harness
*	Only models with automatic driving lights control

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sw	=	black
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br	=	brown
gn	=	green
bl	=	blue
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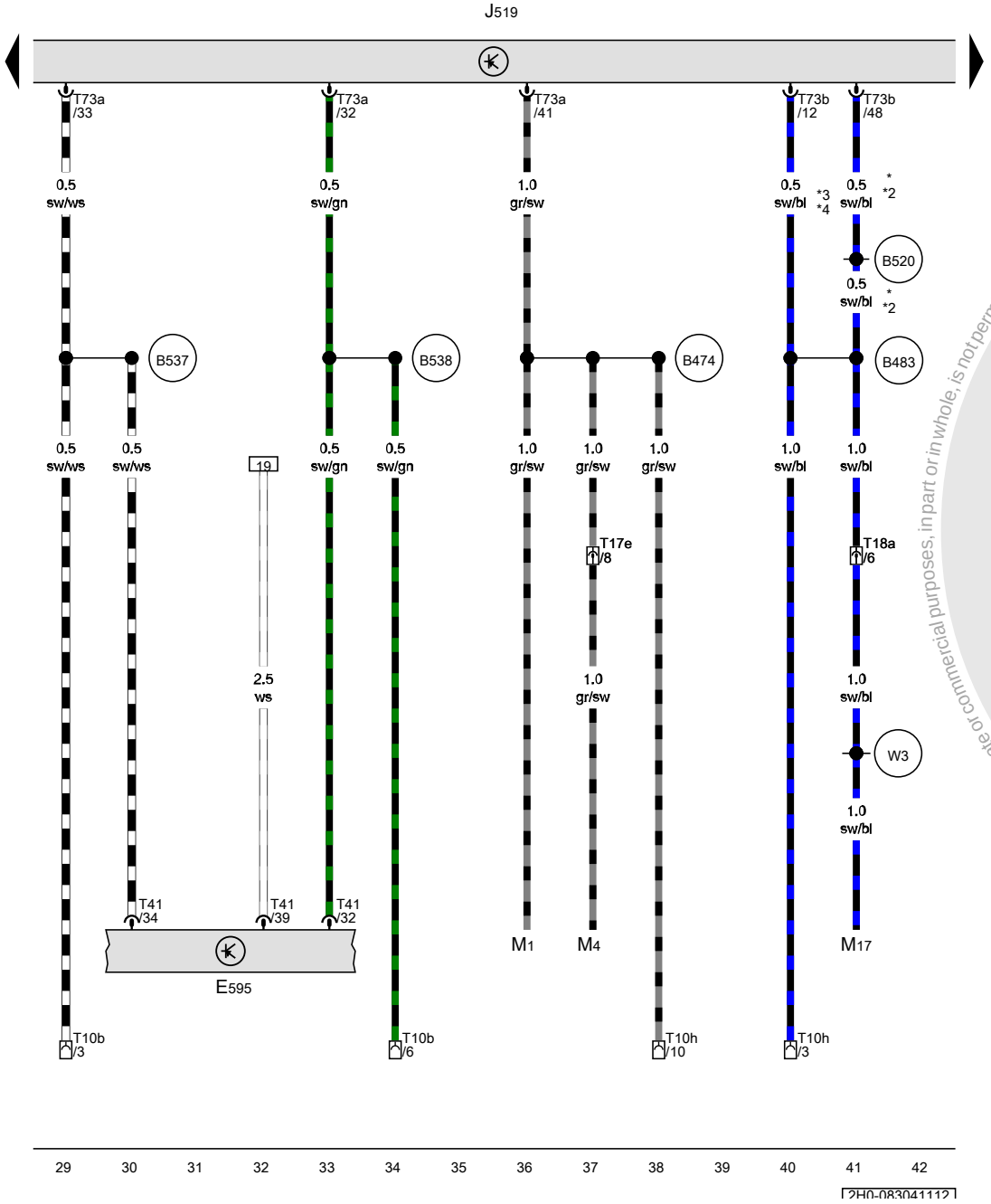

Onboard supply control unit

E595	Steering column combination switch
J519	Onboard supply control unit
M1	Left side light bulb
M4	Left tail light bulb
M17	Right reversing light bulb
T10b	10-pin connector, in left footwell, near centre console, yellow
T10h	10-pin connector, in left footwell, near centre console, purple
T17e	17-pin connector, near handbrake lever, red
T18a	18-pin connector, near engine control unit, grey
T41	41-pin connector, grey
T73a	73-pin connector, black
T73b	73-pin connector, colourless
B474	Connection 10, in main wiring harness
B483	Connection 19, in main wiring harness
B520	Connection (RL), in main wiring harness
B537	Connection 28, in main wiring harness
B538	Connection 29, in main wiring harness
W3	Connection in rear wiring harness
*	Only models with manual gearbox
*2	Only models with no automatic headlight control with coming home
*3	Only models with automatic driving lights control
*4	Only models with automatic gearbox

ws	=	white
sw	=	black
ro	=	red
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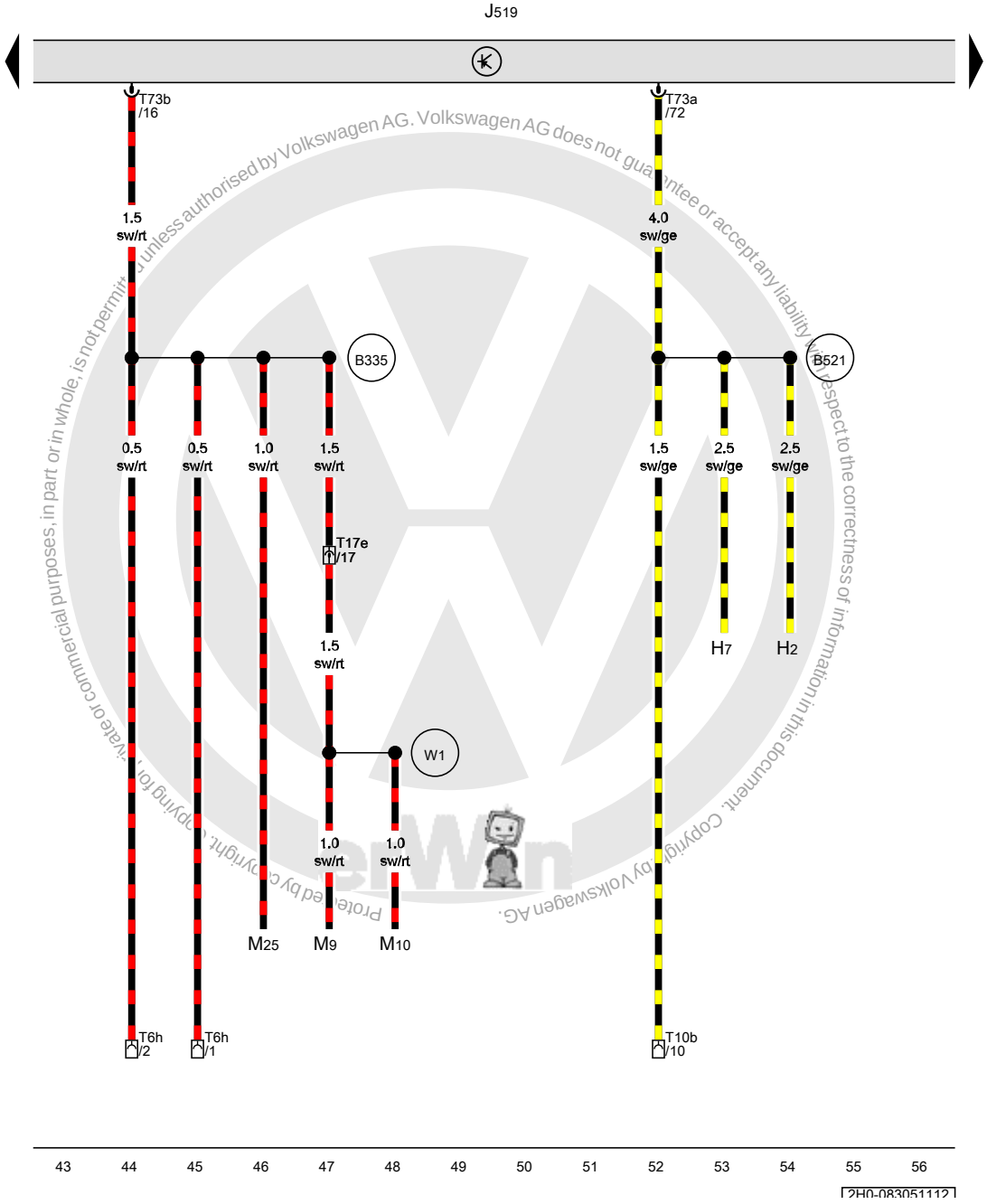

Onboard supply control unit

H2	Treble horn
H7	Bass horn
J519	Onboard supply control unit
M9	Left brake light bulb
M10	Right brake light bulb
M25	Additional brake light bulb
T6h	6-pin connector, in front centre console, grey
T10b	10-pin connector, in left footwell, near centre console, yellow
T17e	17-pin connector, near handbrake lever, red
T73a	73-pin connector, black
T73b	73-pin connector, colourless
B335	Connection 1 (54), in main wiring harness
B521	Connection (dual tone horn), in main wiring harness
W1	Positive connection 1 (54), in rear wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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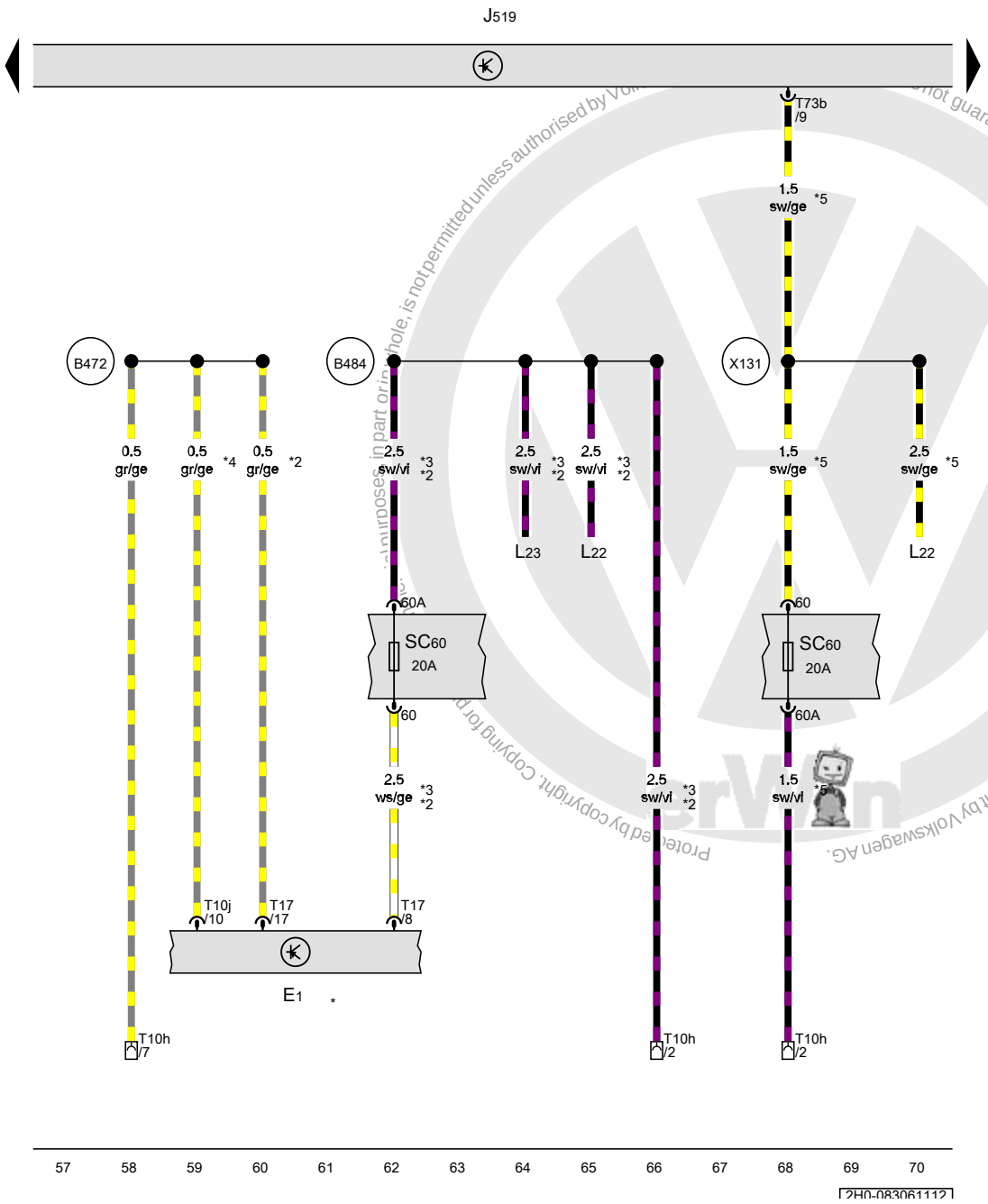

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Light switch, Onboard supply control unit

E1	Light switch
J519	Onboard supply control unit
L22	Left fog light bulb
L23	Right fog light bulb
SC60	Fuse 60 on fuse holder C
T10h	10-pin connector, in left footwell, near centre console, purple
T10j	10-pin connector, black
T17	17-pin connector, black
T73b	73-pin connector, colourless
B472	Connection 8, in main wiring harness
B484	Connection 20, in main wiring harness
X131	Connection 4, in optional equipment wiring harness
*	see applicable current flow diagram for exterior lighting
*2	Only models with no automatic headlight control with coming home
*3	Only models with fog lights
*4	Only models with automatic driving lights control
*5	Only models with start/stop system

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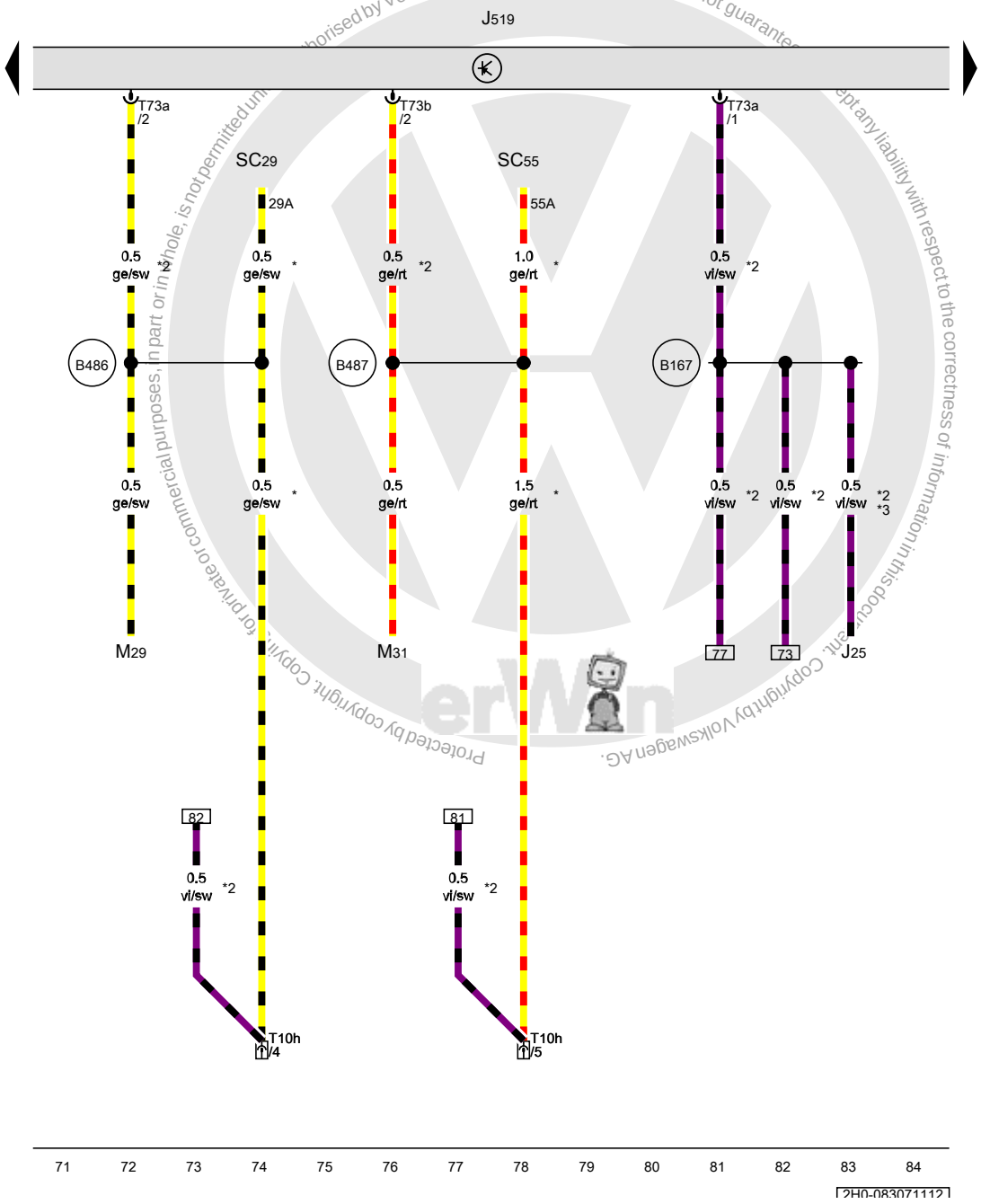

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br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Onboard supply control unit, Fuse 29 on fuse holder C, Fuse 55 on fuse holder C

J25	Headlight relay
J519	Onboard supply control unit
M29	Left headlight dipped beam bulb
M31	Right headlight dipped beam bulb
SC29	Fuse 29 on fuse holder C
SC55	Fuse 55 on fuse holder C
T10h	10-pin connector, in left footwell, near centre console, purple
T73a	73-pin connector, black
T73b	73-pin connector, colourless
B167	Connection (56b), in interior wiring harness
B486	Connection 22, in main wiring harness
B487	Connection 23, in main wiring harness
*	Only models with no automatic headlight control with coming home
*2	Only models with automatic driving lights control
*3	see applicable current flow diagram for fuse assignment

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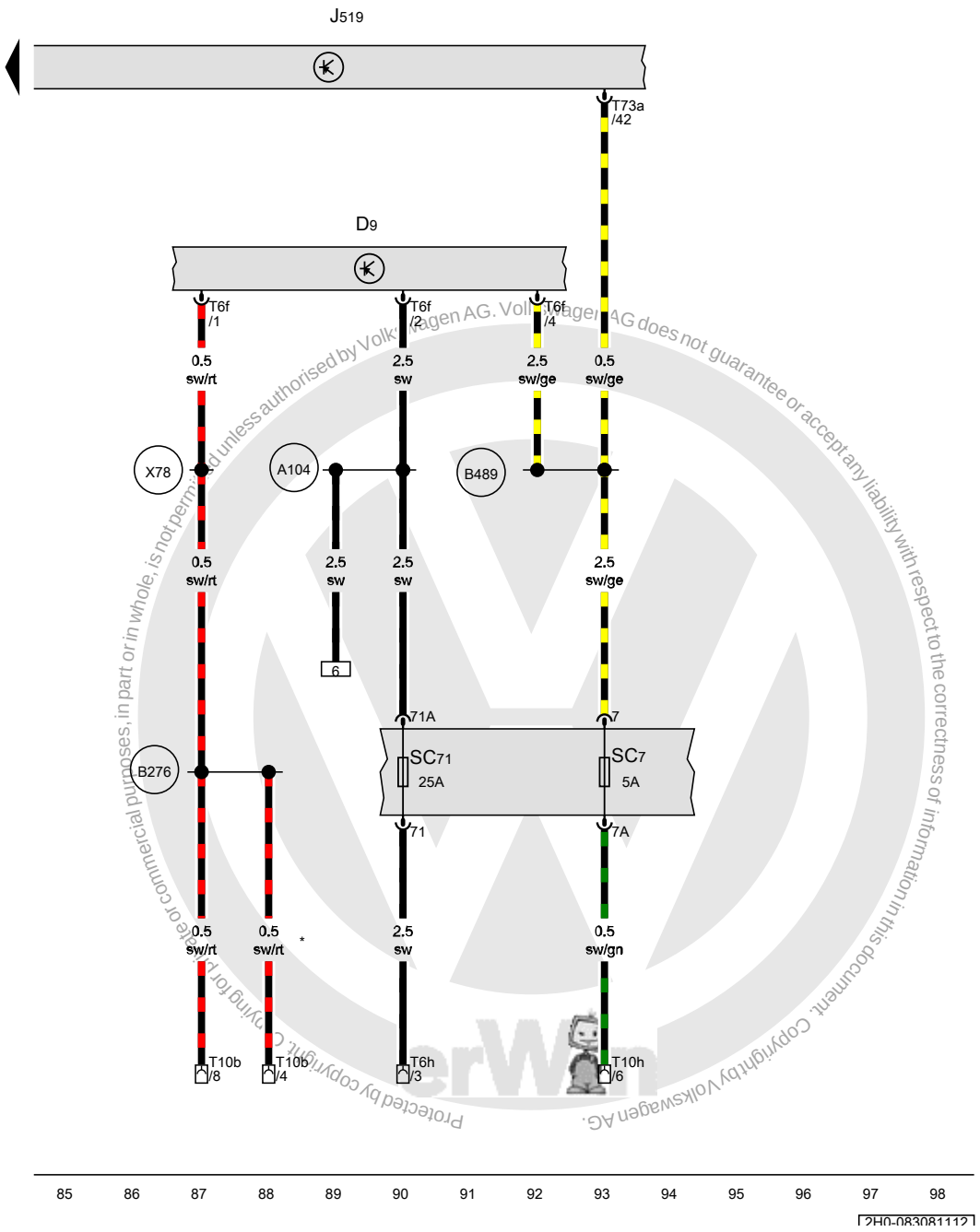

Onboard supply control unit, Fuse 7 on fuse holder C, Fuse 71 on fuse holder C

D9	Electronic ignition lock
J519	Onboard supply control unit
SC7	Fuse 7 on fuse holder C
SC71	Fuse 71 on fuse holder C
T6f	6-pin connector, black
T6h	6-pin connector, in front centre console, grey
T10b	10-pin connector, in left footwell, near centre console, yellow
T10h	10-pin connector, in left footwell, near centre console, purple
T73a	73-pin connector, black
A104	Positive connection 2 (15), in dash panel wiring harness
B276	Positive connection (50), in main wiring harness
B489	Connection 25, in main wiring harness
X78	Connection 1, in optional equipment wiring harness
*	Only models with automatic gearbox

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br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
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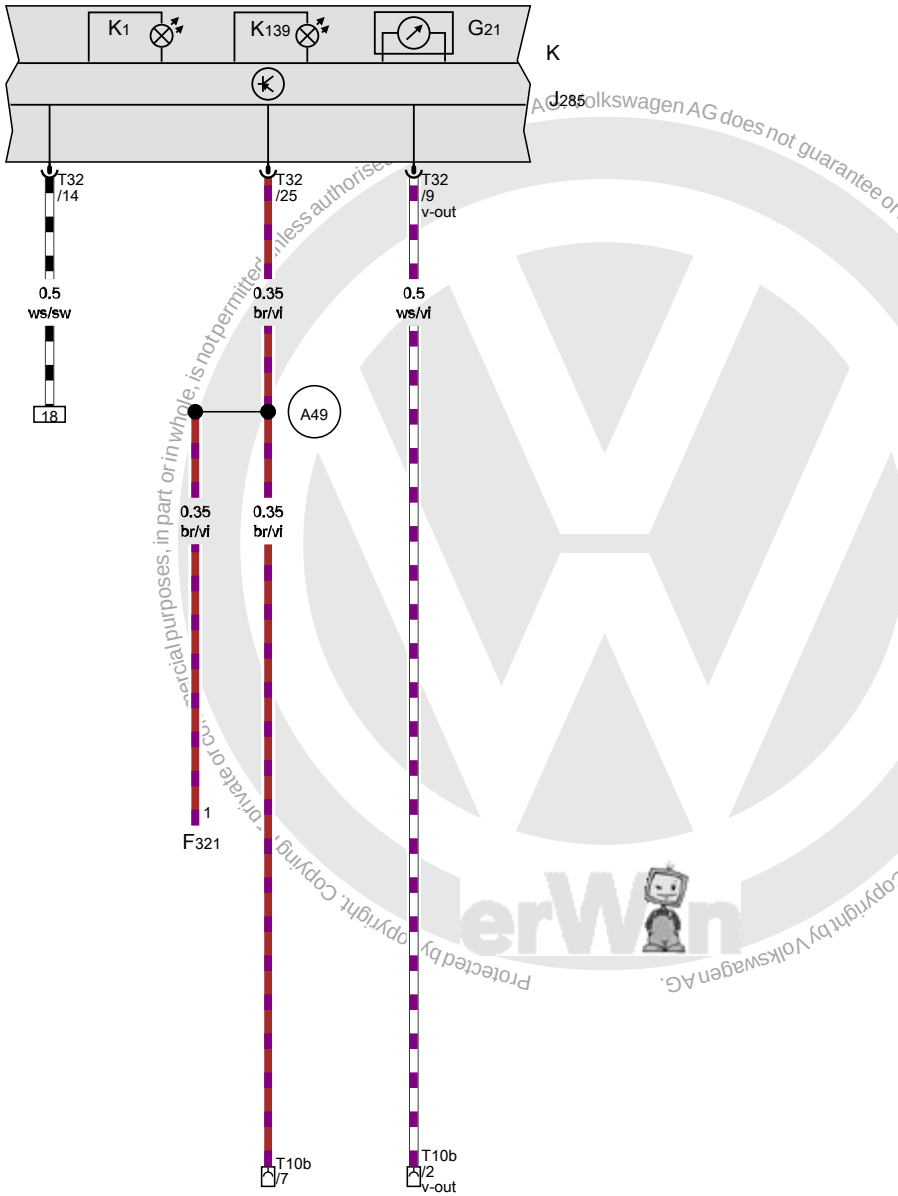

Parking brake contact switch, Dash panel insert

F321	Parking brake contact switch
G21	Speedometer
J285	Control unit in dash panel insert
K	Dash panel insert
K1	Main beam warning lamp
K139	Handbrake warning lamp
T10b	10-pin connector, in left footwell, near centre console, yellow
T32	32-pin connector, blue
A49	Connection 1, in dash panel wiring harness
*	Speed signal

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
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8-speed automatic gearbox with Tiptronic , (G1G)

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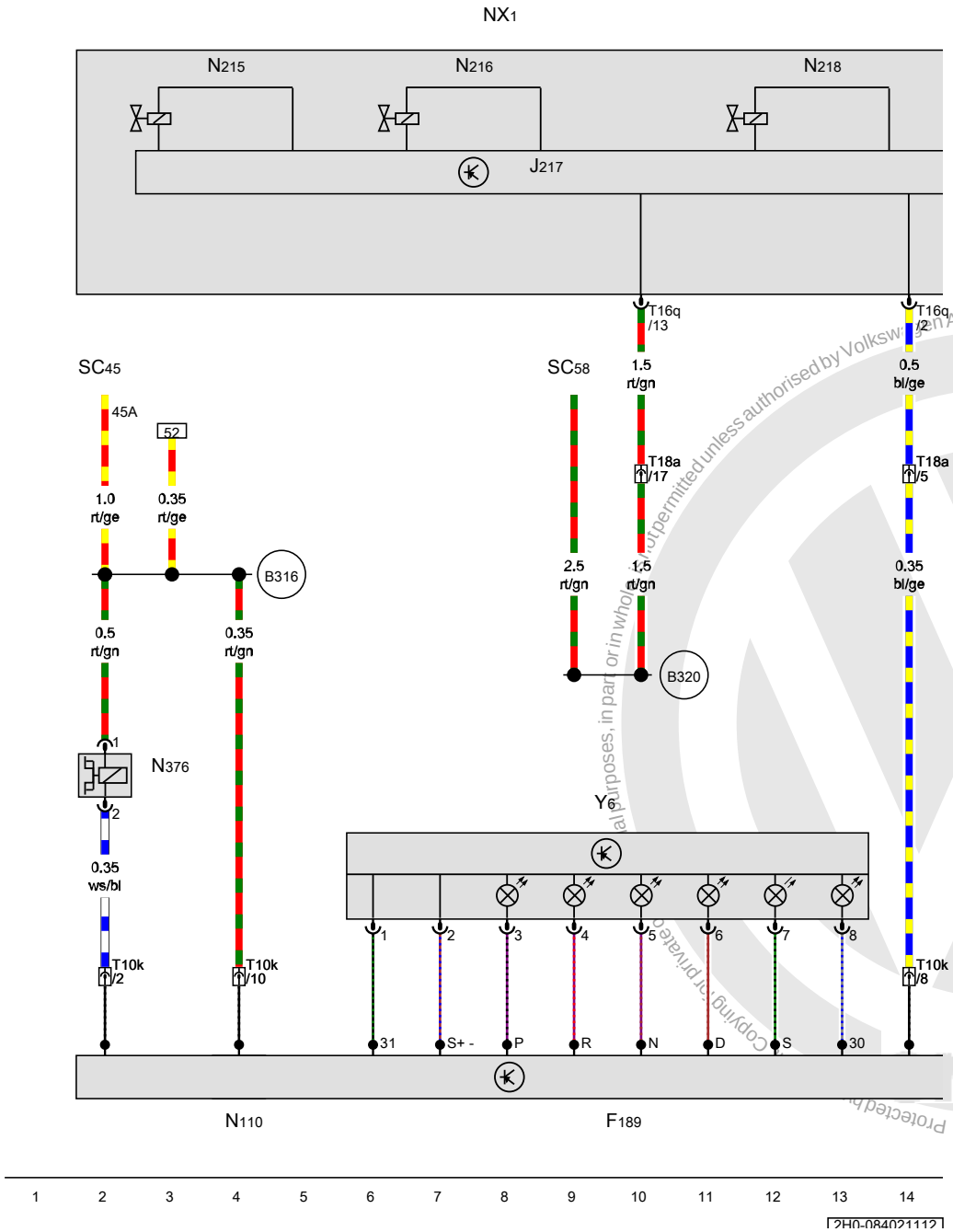

Tiptronic switch, Gearbox, Ignition key withdrawal lock solenoid, Fuse 58 on fuse holder C, Selector lever position display

F189	Tiptronic switch
J217	Automatic gearbox control unit, in gearbox
NX1	Gearbox
N110	Selector lever lock solenoid
N215	Automatic gearbox pressure regulating valve 1
N216	Automatic gearbox pressure regulating valve 2
N218	Automatic gearbox pressure regulating valve 4
N376	Ignition key withdrawal lock solenoid
SC45	Fuse 45 on fuse holder C
SC58	Fuse 58 on fuse holder C
T10k	10-pin connector, in centre console, near handbrake lever, black
T16q	16-pin connector, black
T18a	18-pin connector, near battery, grey
Y6	Selector lever position display
B316	Positive connection 2 (30a) in main wiring harness
B320	Positive connection 6 (30a) in main wiring harness

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sw	=	black
ro	=	red
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gn	=	green
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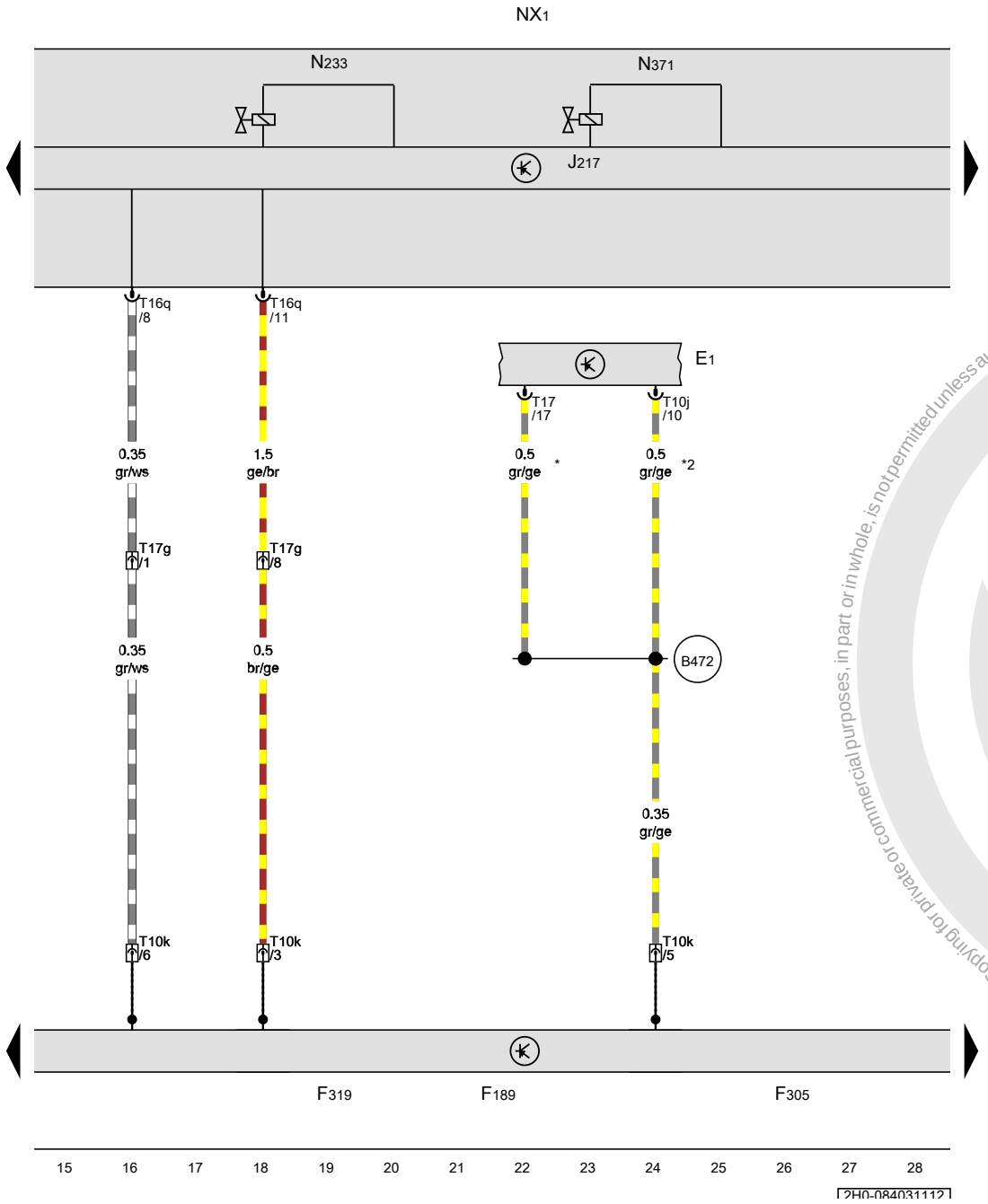

Light switch, Tiptronic switch, Gearbox

E1	Light switch
F189	Tiptronic switch
F305	Gear selector position P switch
F319	Selector lever locked in position P switch
J217	Automatic gearbox control unit, in gearbox
NX1	Gearbox
N233	Automatic gearbox pressure regulating valve 5
N371	Automatic gearbox pressure regulating valve 6
T10j	10-pin connector, black
T10k	10-pin connector, in centre console, near handbrake lever, black
T16q	16-pin connector, black
T17	17-pin connector, black
T17g	17-pin connector, near handbrake lever, black
B472	Connection 8, in main wiring harness
*	Only models with no start/stop system
*2	Only models with start/stop system

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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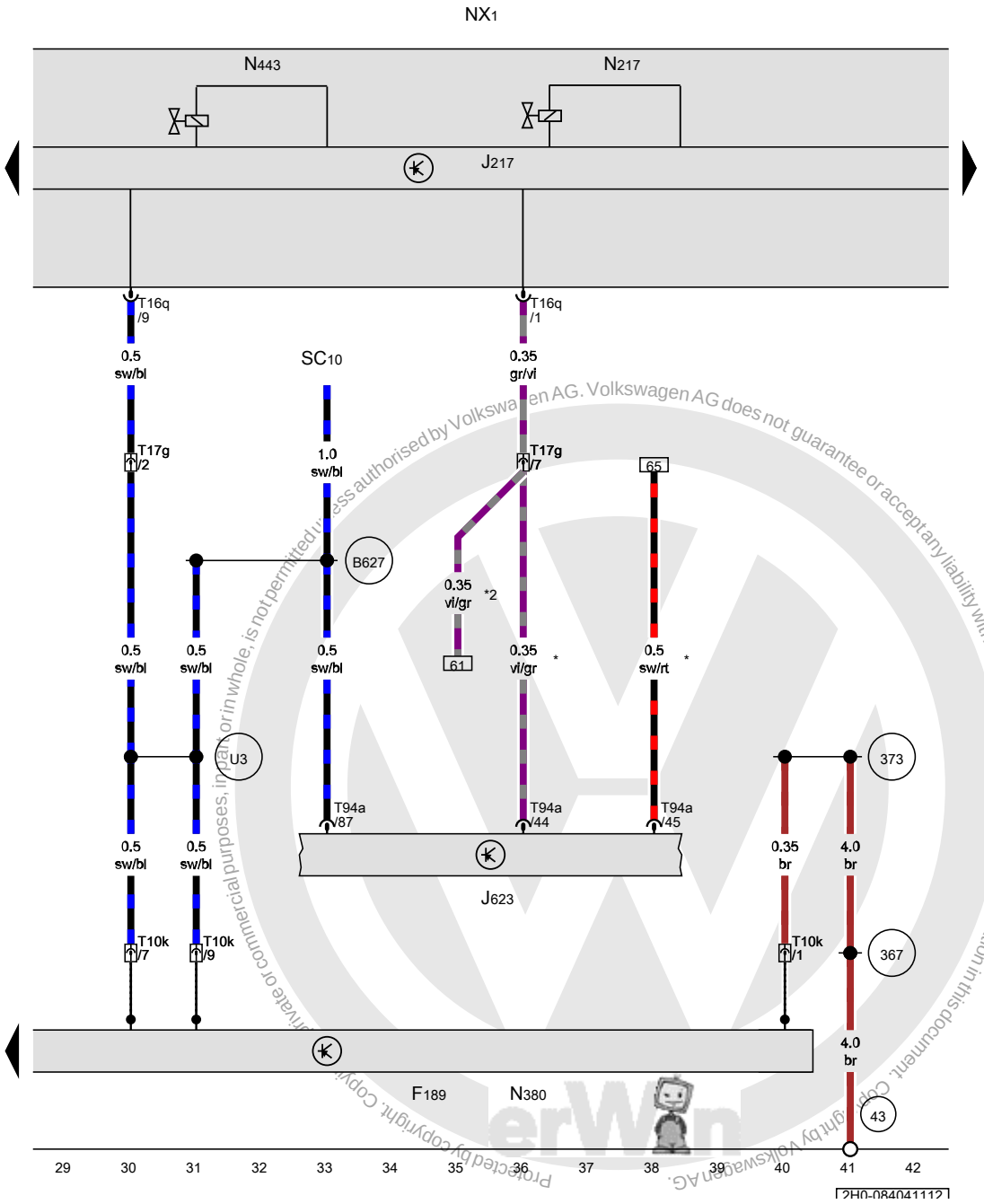

Tiptronic switch, Gearbox

F189	Tiptronic switch
J217	Automatic gearbox control unit, in gearbox
J623	Engine control unit
NX1	Gearbox
N217	Automatic gearbox pressure regulating valve 3
N380	Selector lever position P solenoid
N443	Automatic gearbox pressure regulating valve 7
SC10	Fuse 10 on fuse holder C
T10k	10-pin connector, in centre console, near handbrake lever, black
T16q	16-pin connector, black
T17g	17-pin connector, near handbrake lever, black
T94a	94-pin connector, black
43	Earth point, lower part of right A-pillar
367	Earth connection 2, in main wiring harness
373	Earth connection 8, in main wiring harness
B627	Positive connection 3 (15), in main wiring harness
U3	Connection 1, in automatic gearbox wiring harness
*	Only models with start/stop system
*2	Only models with no start/stop system

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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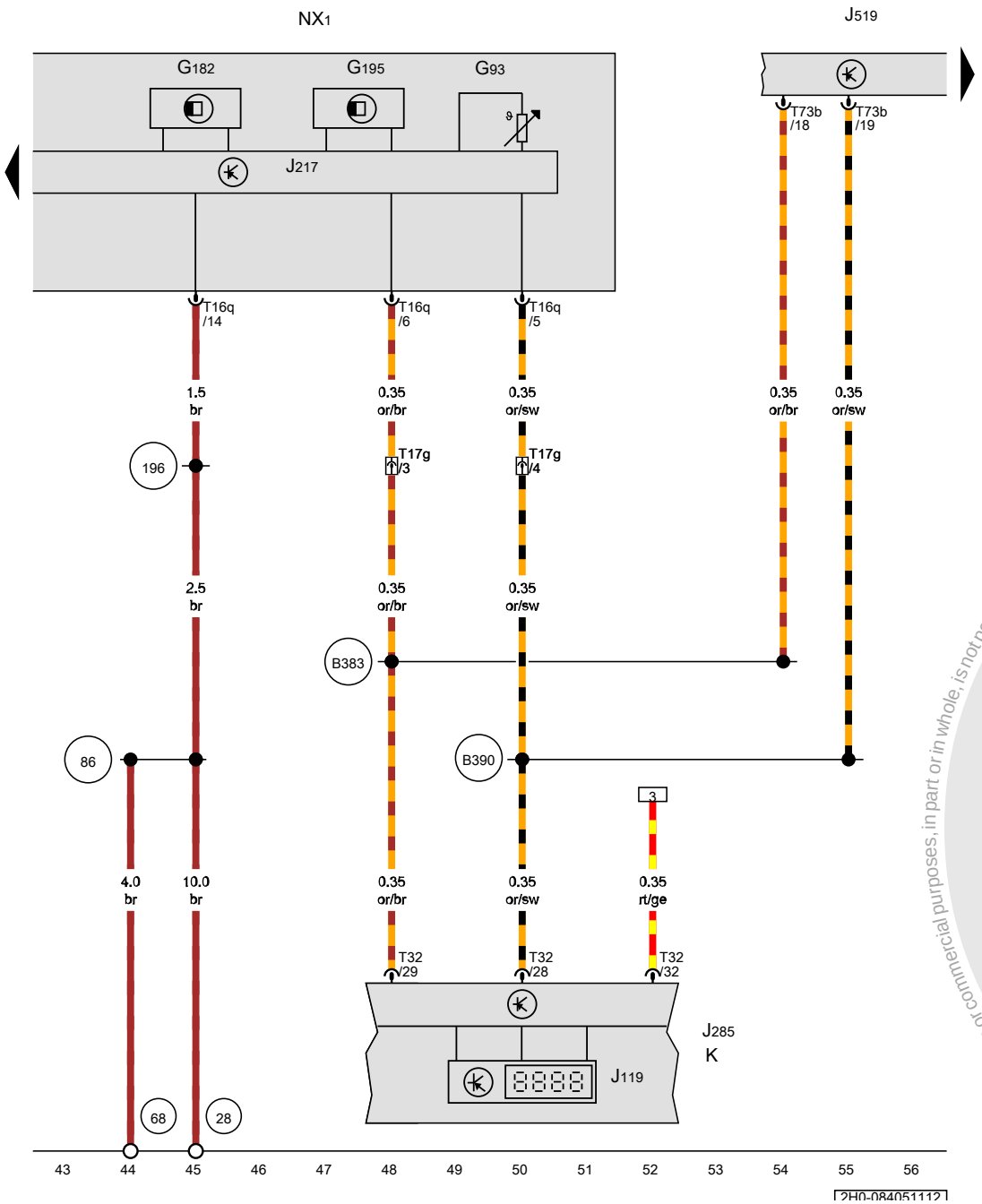

Dash panel insert, Gearbox

G93	Gearbox oil temperature sender
G182	Gearbox input speed sender
G195	Gearbox output speed sender
J119	Multifunction indicator
J217	Automatic gearbox control unit, in gearbox
J285	Control unit in dash panel insert
J519	Onboard supply control unit
K	Dash panel insert
NX1	Gearbox
T16q	16-pin connector, black
T17g	17-pin connector, near handbrake lever, black
T32	32-pin connector, blue
T73b	73-pin connector, colourless
28	Earth point, on bulkhead
68	Earth point, on left of rear cross member
86	Earth connection 1, in rear wiring harness
196	Earth connection 3, in rear wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
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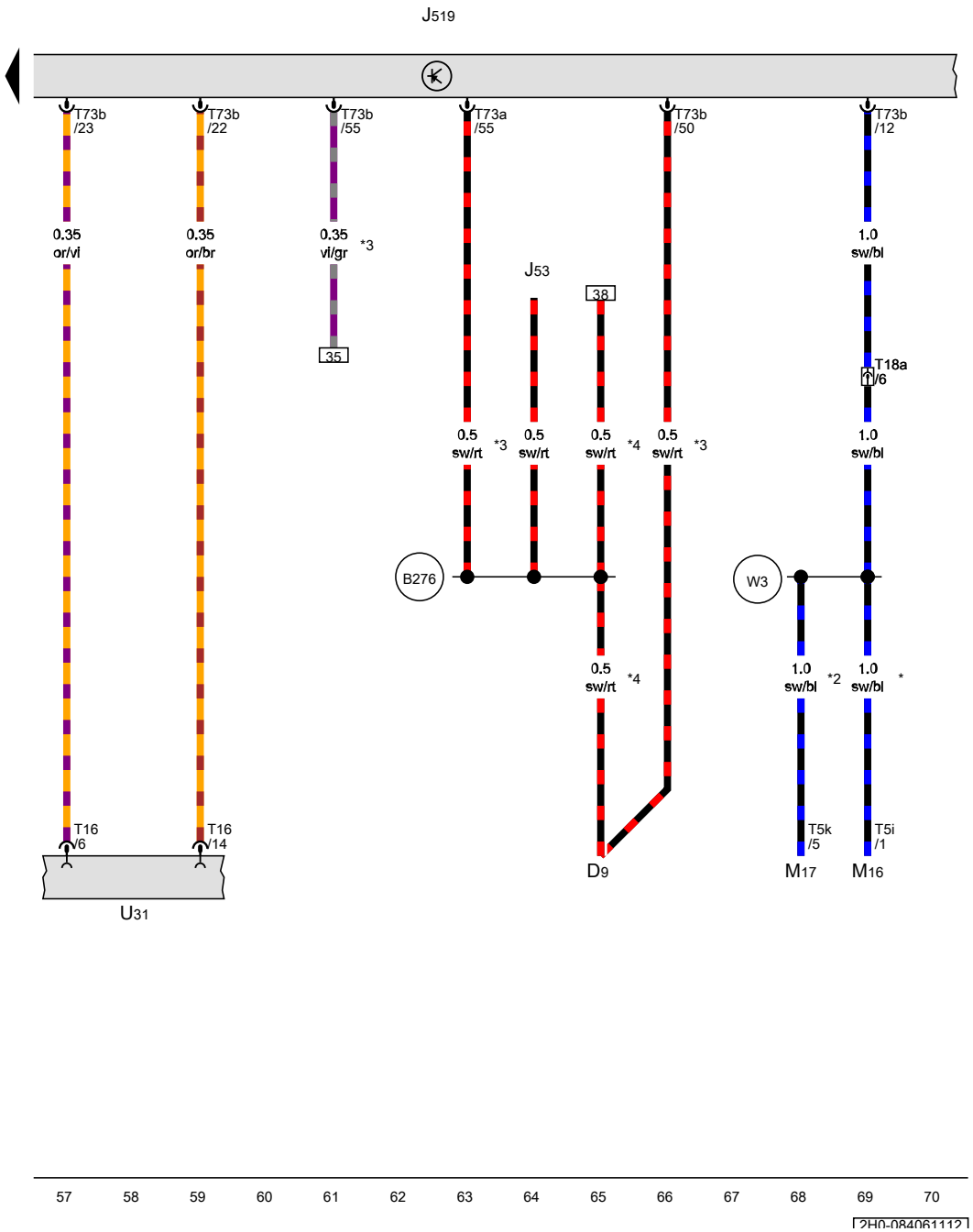

Electronic ignition lock

D9	Electronic ignition lock
J53	Starter motor relay
J519	Onboard supply control unit
M16	Left reversing light bulb
M17	Right reversing light bulb
T5i	5-pin connector, black
T5k	5-pin connector, black
T16	16-pin connector, black
T18a	18-pin connector, near battery, grey
T73a	73-pin connector, black
T73b	73-pin connector, colourless
U31	Diagnostic connection
B276	Positive connection (50), in main wiring harness
W3	Connection in rear wiring harness
*	Only right-hand drive models
*2	Only left-hand drive models
*3	Only models with no start/stop system
*4	Only models with start/stop system

ws	=	white
sw	=	black
ro	=	red
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2.0l diesel engine , CNEA,CSHA

From January 2013

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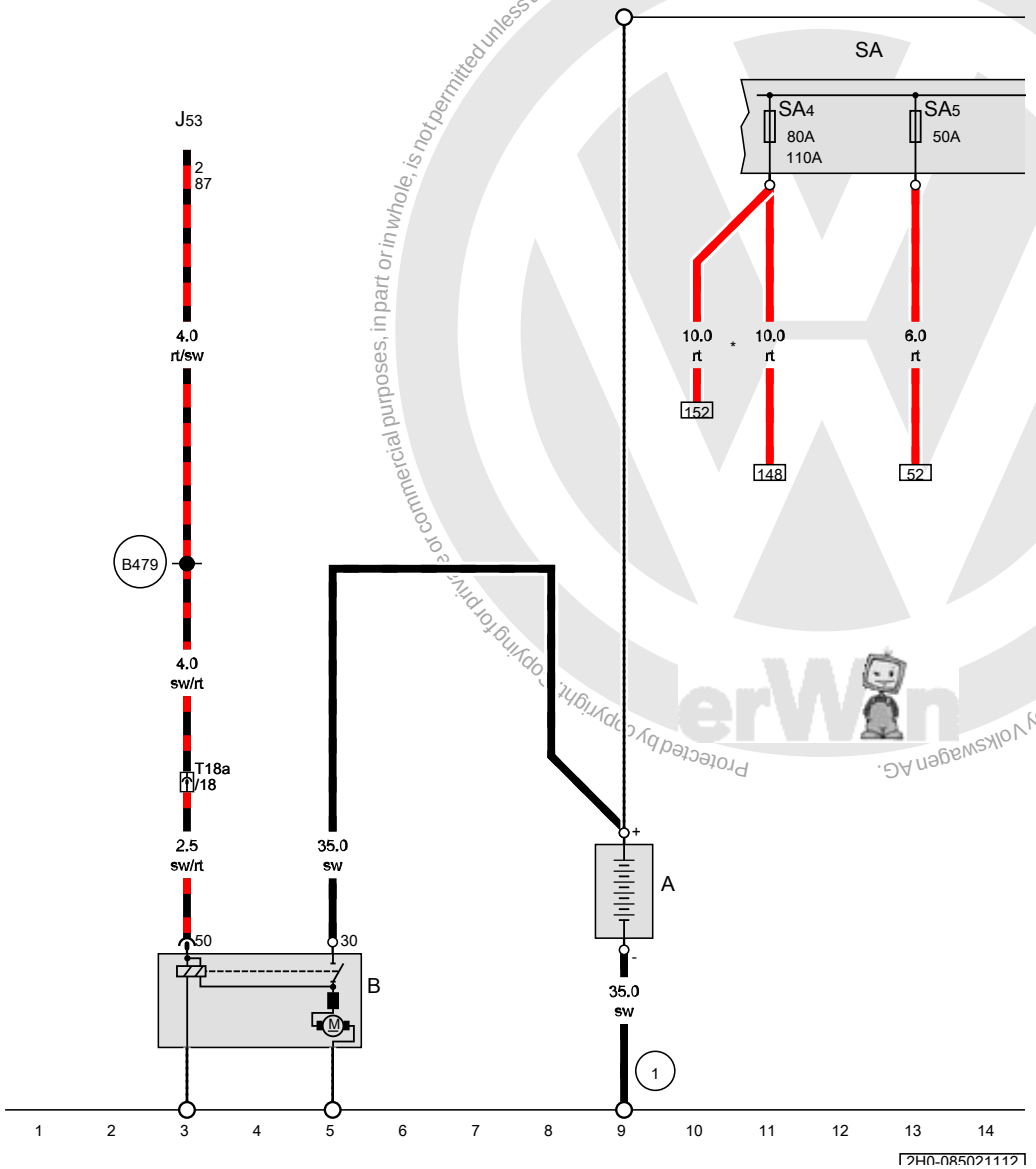
Battery, Starter, Starter motor relay, Fuse 4 in fuse holder A, Fuse 5 in fuse holder A

A	Battery
B	Starter
J53	Starter motor relay
SA	Fuse holder A
SA4	Fuse 4 in fuse holder A
SA5	Fuse 5 in fuse holder A
T18a	18-pin connector, near engine control unit, grey
1	Earth strap, battery - body
B479	Connection 15, in main wiring harness
TV1	Wiring junction
*	Only for countries with hot climate



ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
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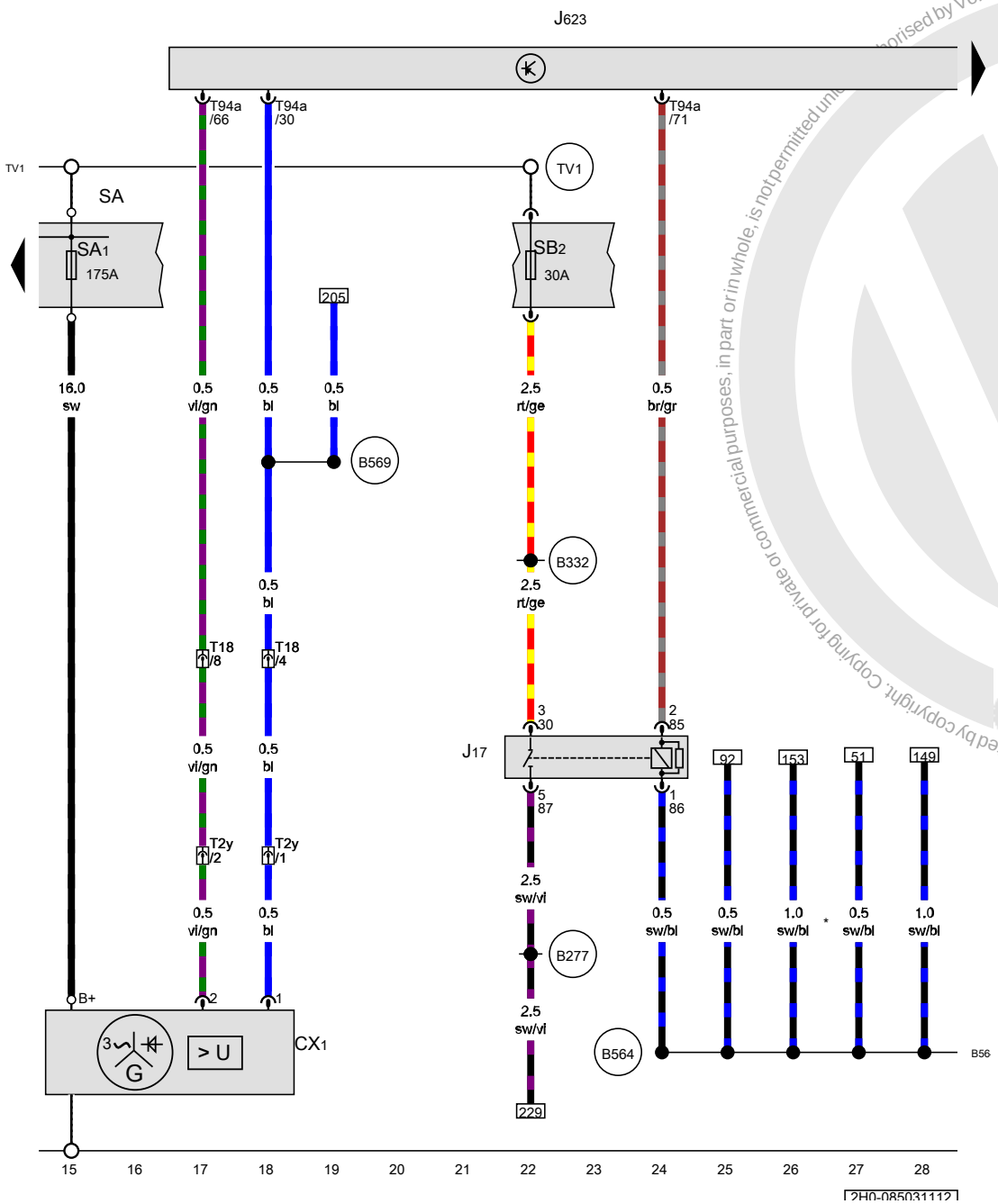

Alternator with voltage regulator, Fuel pump relay, Engine control unit, Fuse 1 in fuse holder A, Fuse 2 on fuse holder B

CX1	Alternator with voltage regulator
J17	Fuel pump relay
J623	Engine control unit, near battery
SA	Fuse holder A
SA1	Fuse 1 in fuse holder A
SB2	Fuse 2 on fuse holder B
T2y	2-pin connector, front left in engine compartment, black
T18	18-pin connector, near engine control unit, black
T94a	94-pin connector, black
B277	Positive connection 1 (15a) in main wiring harness
B332	Positive connection 18 (30a) in main wiring harness
B564	Connection 31, in main wiring harness
B569	Connection 36, in main wiring harness
TV1	Wiring junction
*	Only for countries with hot climate

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
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li	=	purple
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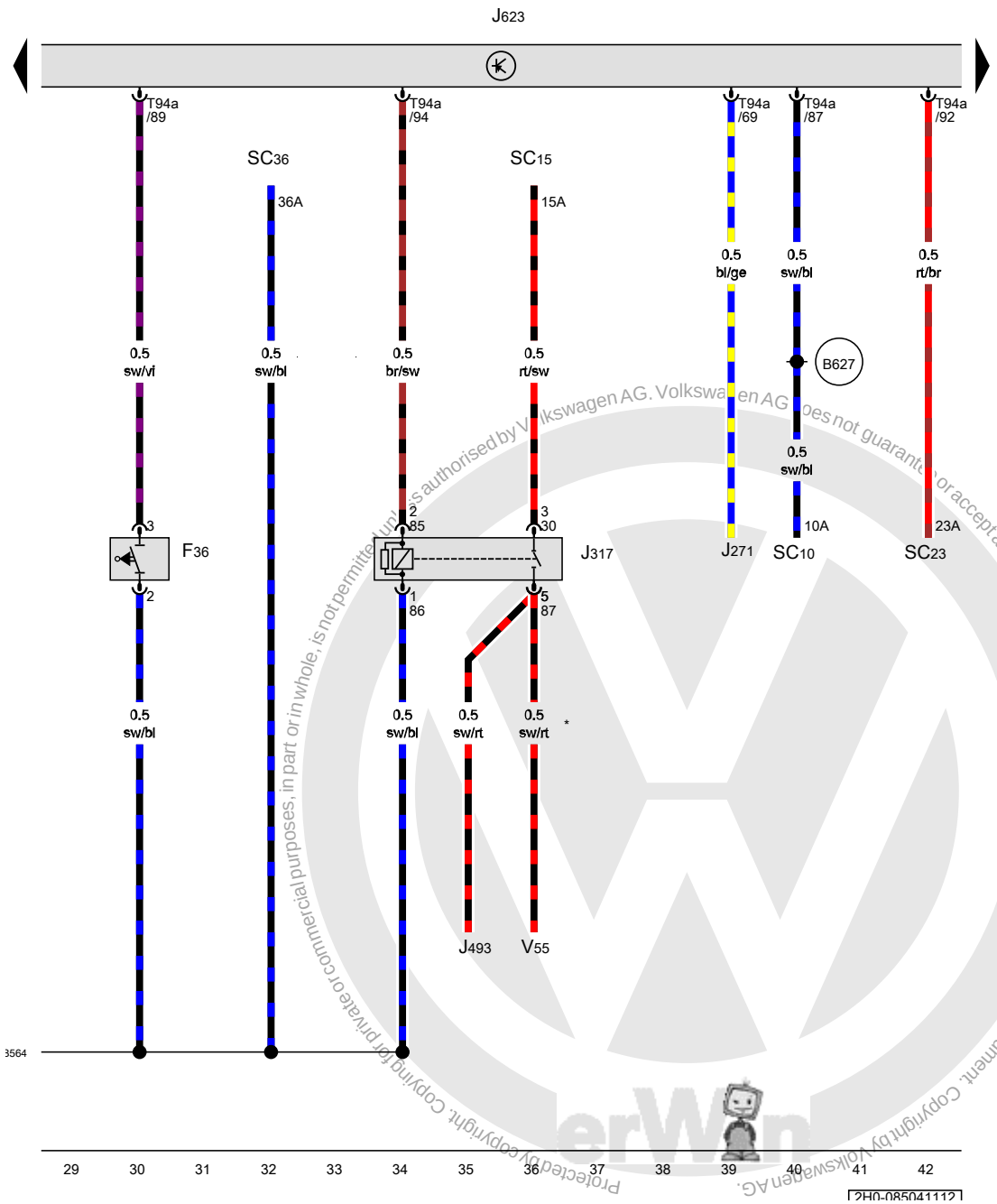

ws = white
sw = black
ro = red
br = brown
gn = green
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li = purple
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rs = pink

Clutch pedal switch, Main relay, Terminal 30 voltage supply relay, Engine control unit, Fuse 10 on fuse holder C, Fuse 15 on fuse holder C, Fuse 23 on fuse holder C, Fuse 36 on fuse holder C

F36	Clutch pedal switch
J271	Main relay, on relay carrier
J317	Terminal 30 voltage supply relay, on relay carrier
J493	Auxiliary coolant heater relay
J623	Engine control unit, near battery
SC10	Fuse 10 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC23	Fuse 23 on fuse holder C
SC36	Fuse 36 on fuse holder C
T94a	94-pin connector, black
V55	Circulation pump
B564	Connection 31, in main wiring harness
B627	Positive connection 3 (15), in main wiring harness
*	Only models with no air conditioning system/Climatronic

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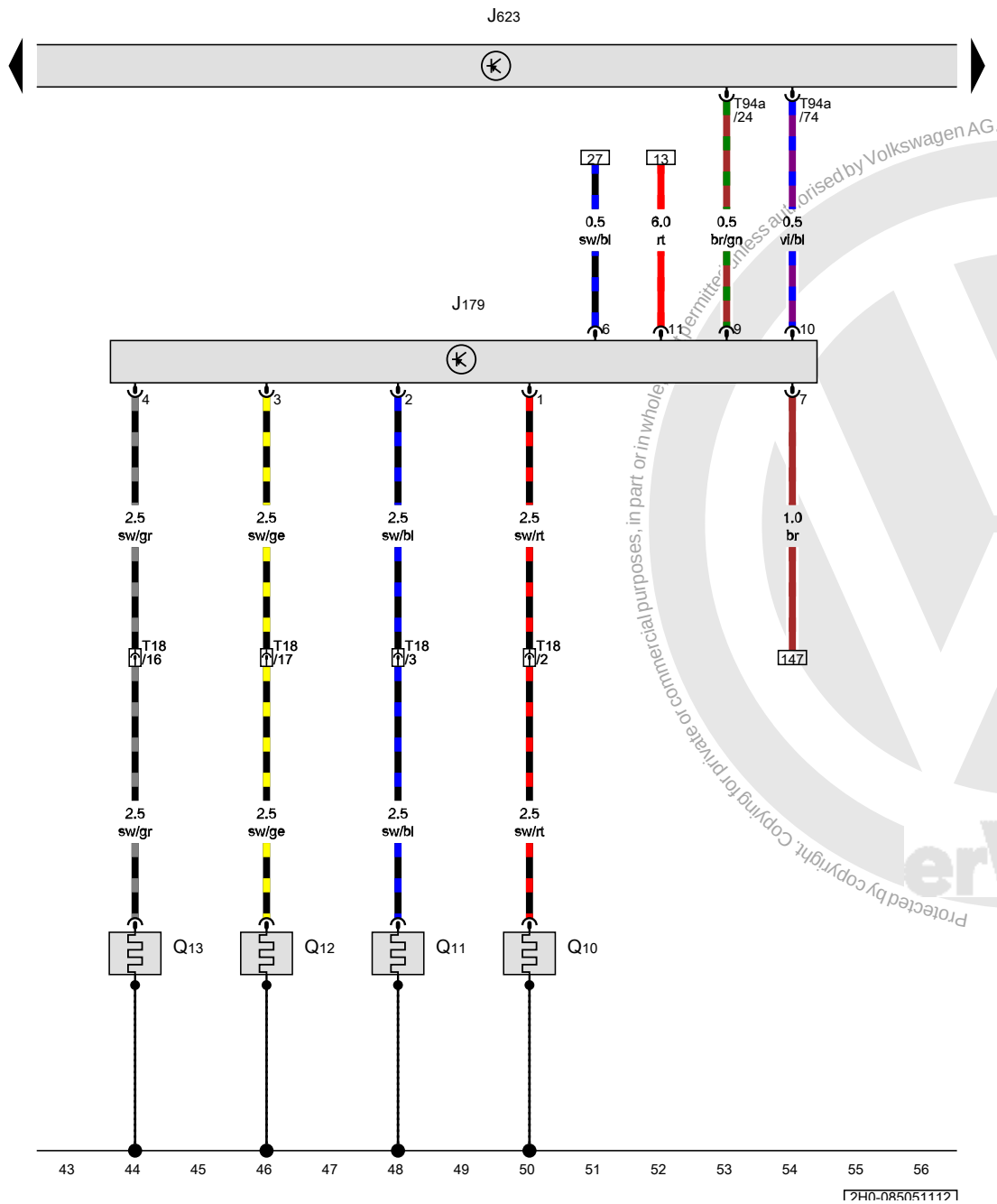

Automatic glow period control unit, Engine control unit, Glow plug 1, Glow plug 2, Glow plug 3, Glow plug 4

J179	Automatic glow period control unit, near left headlight
J623	Engine control unit, near battery
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
T18	18-pin connector, near engine control unit, black
T94a	94-pin connector, black

ws	=	white
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ro	=	red
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gn	=	green
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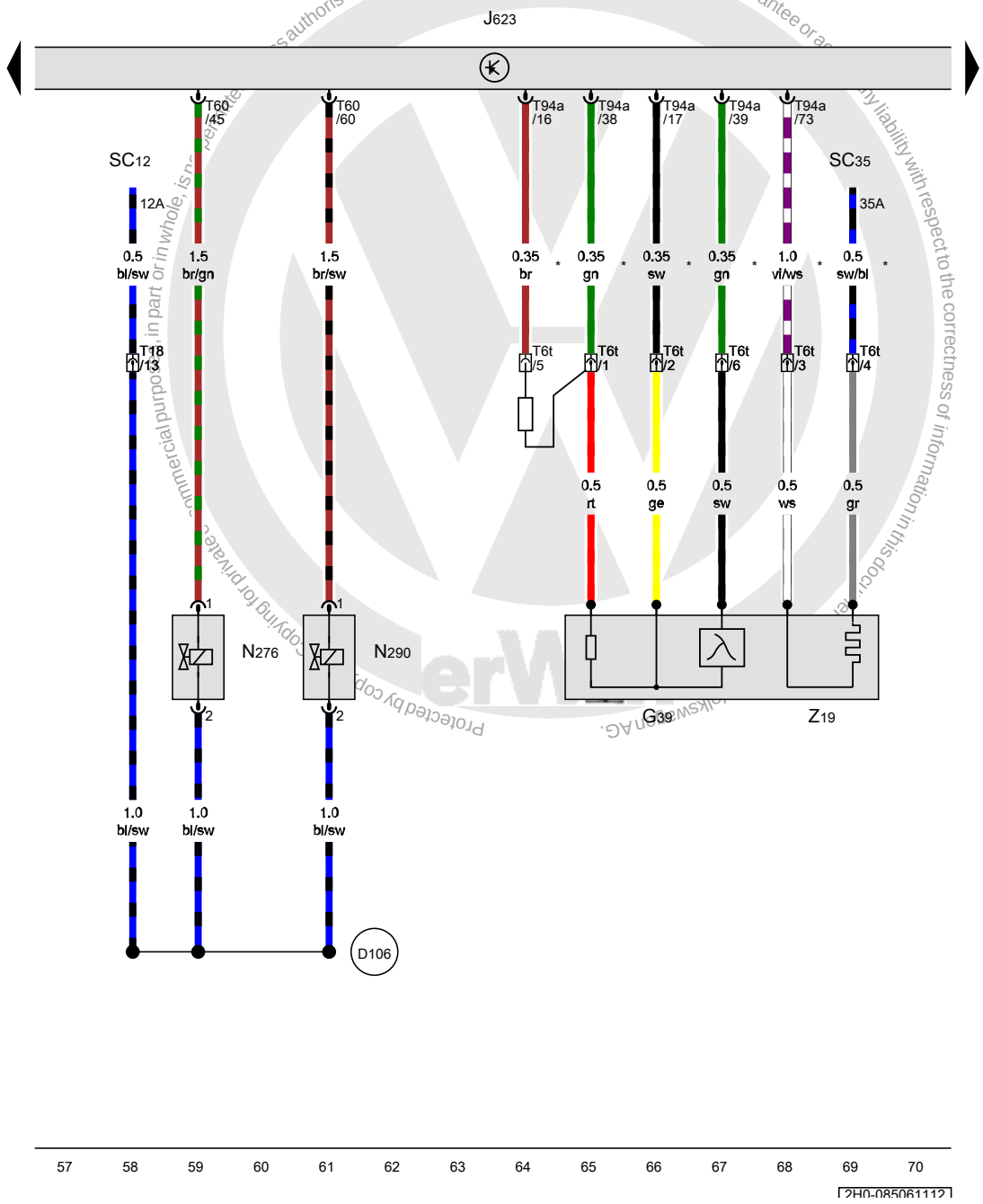

Lambda probe, Engine control unit, Fuel pressure regulating valve, Fuel metering valve, Fuse 12 on fuse holder C, Fuse 35 on fuse holder C

G39	Lambda probe
J623	Engine control unit, near battery
N276	Fuel pressure regulating valve
N290	Fuel metering valve
SC12	Fuse 12 on fuse holder C
SC35	Fuse 35 on fuse holder C
T6t	6-pin connector, front right in engine compartment, black
T18	18-pin connector, near engine control unit, black
T60	60-pin connector, black
T94a	94-pin connector, black
Z19	Lambda probe heater
D106	Connection 4 in engine compartment wiring harness
*	Only models with Euro 5 emission standard

ws	=	white
sw	=	black
ro	=	red
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bl	=	blue
gr	=	grey
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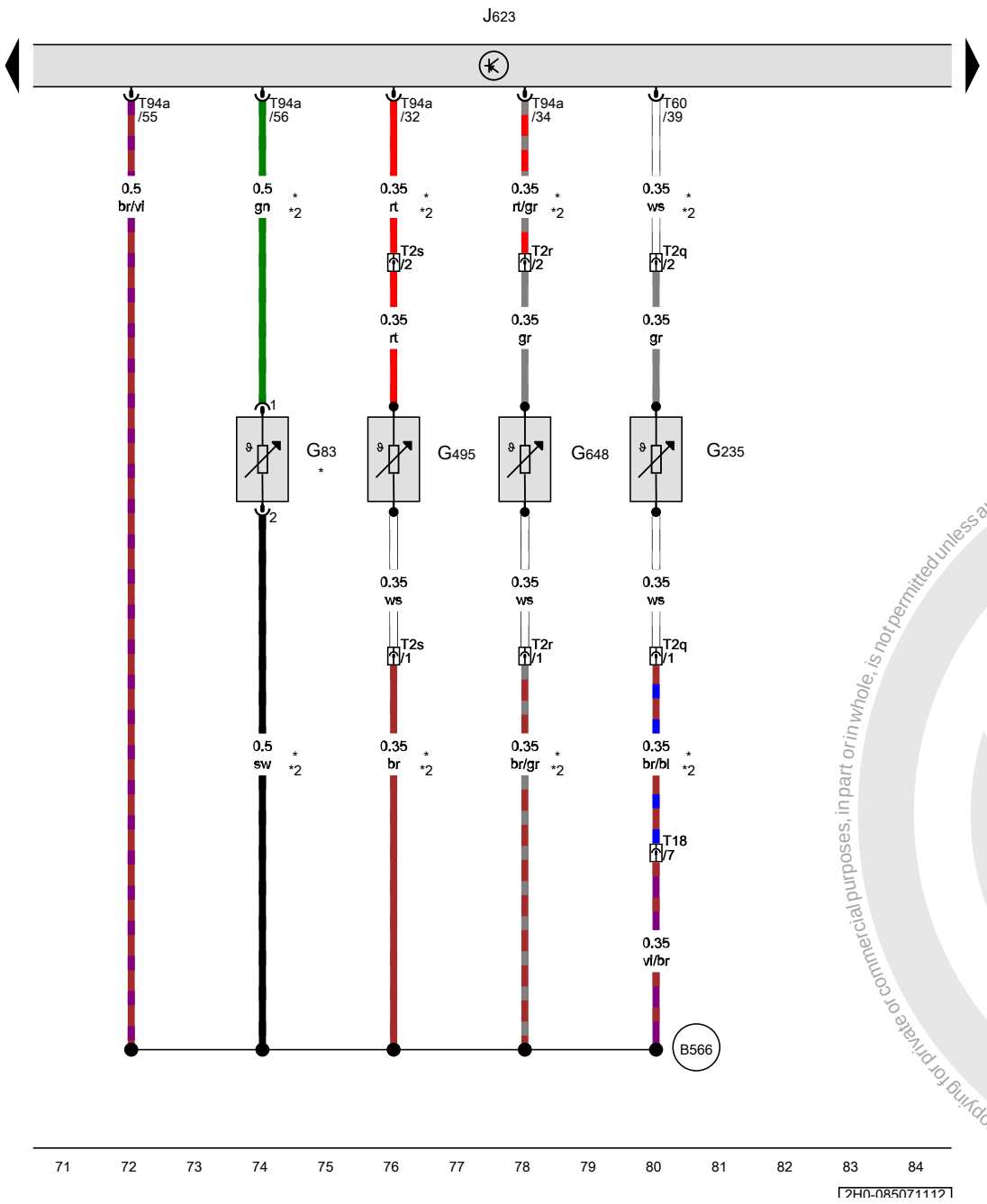

Radiator outlet coolant temperature sender, Exhaust gas temperature sender 1, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Engine control unit

G83	Radiator outlet coolant temperature sender
G235	Exhaust gas temperature sender 1
G495	Exhaust gas temperature sender 3
G648	Exhaust gas temperature sender 4
J623	Engine control unit, near battery
T2q	2-pin connector, black
T2r	2-pin connector, orange
T2s	2-pin connector, brown
T18	18-pin connector, near engine control unit, black
T60	60-pin connector, black
T94a	94-pin connector, black
B566	Connection 33, in main wiring harness
*	Only models with Euro 5 emission standard
*2	Only models with Euro 5 plus emission standard (7MJ)

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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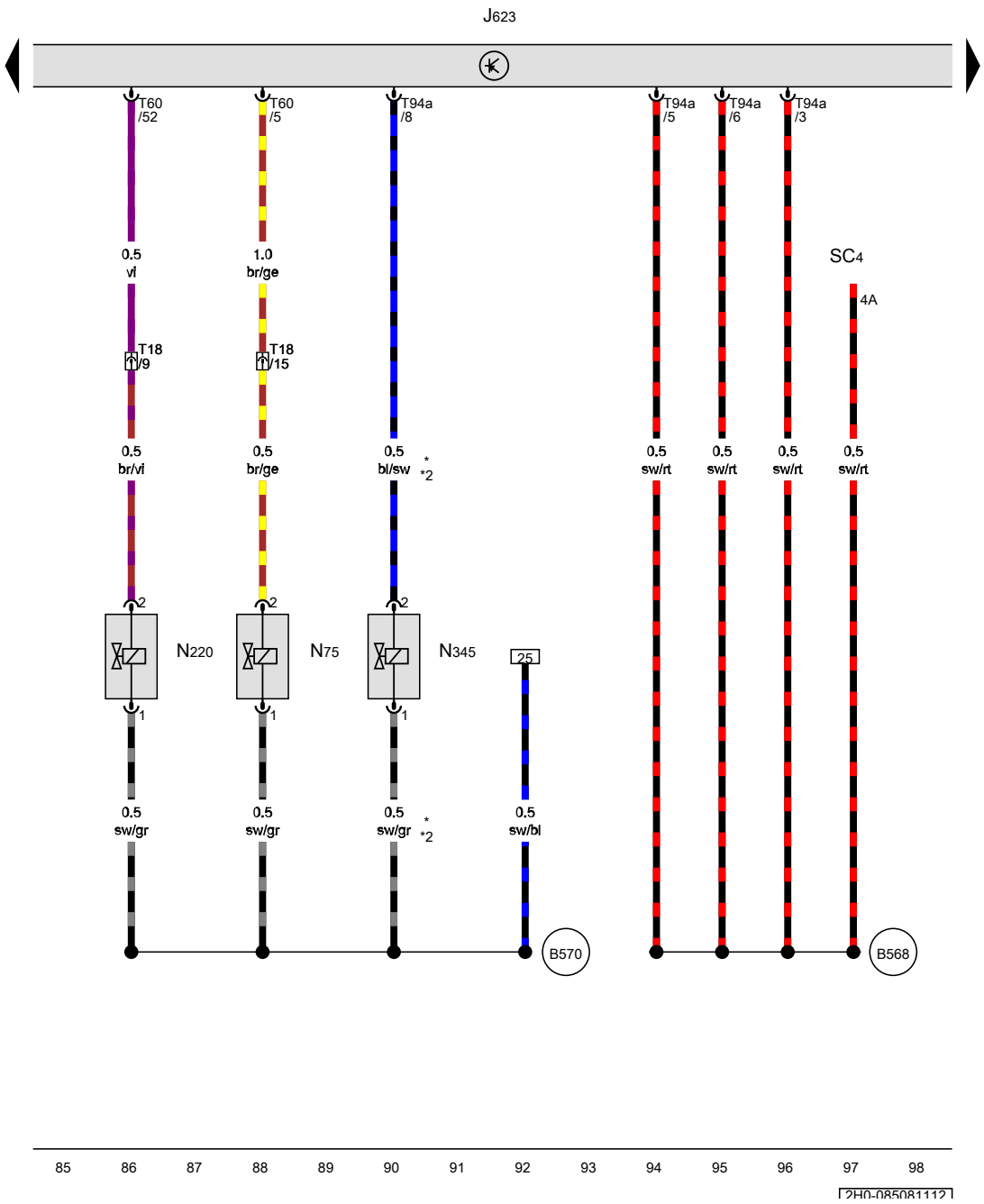

Engine control unit, Charge pressure control solenoid valve, Exhaust flap valve, Exhaust gas recirculation cooler changeover valve, Fuse 4 on fuse holder C

J623	Engine control unit, near battery
N75	Charge pressure control solenoid valve
N220	Exhaust flap valve
N345	Exhaust gas recirculation cooler changeover valve
SC4	Fuse 4 on fuse holder C
T18	18-pin connector, near engine control unit, black
T60	60-pin connector, black
T94a	94-pin connector, black
B568	Connection 35, in main wiring harness
B570	Connection 37, in main wiring harness
*	Only models with Euro 5 emission standard
*2	Only models with Euro 5 plus emission standard (7MJ)

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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or	=	orange
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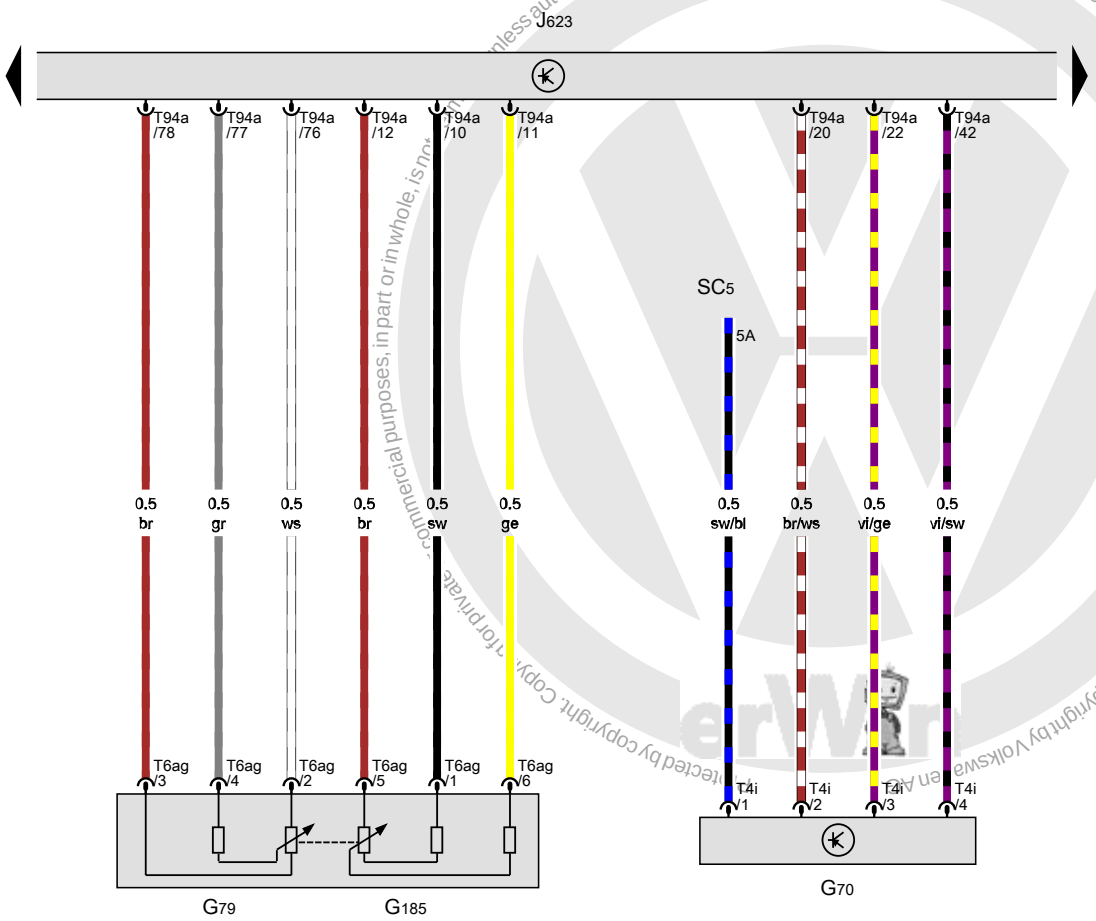

Air mass meter, Accelerator position sender, Accelerator position sender 2, Engine control unit, Fuse 5 on fuse holder C

G70	Air mass meter
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit, near battery
SC5	Fuse 5 on fuse holder C
T4i	4-pin connector, black
T6ag	6-pin connector
T94a	94-pin connector, black

99 100 101 102 103 104 105 106 107 108 109 110 111 112

2H0-0850911112

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
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or	=	orange
rs	=	pink

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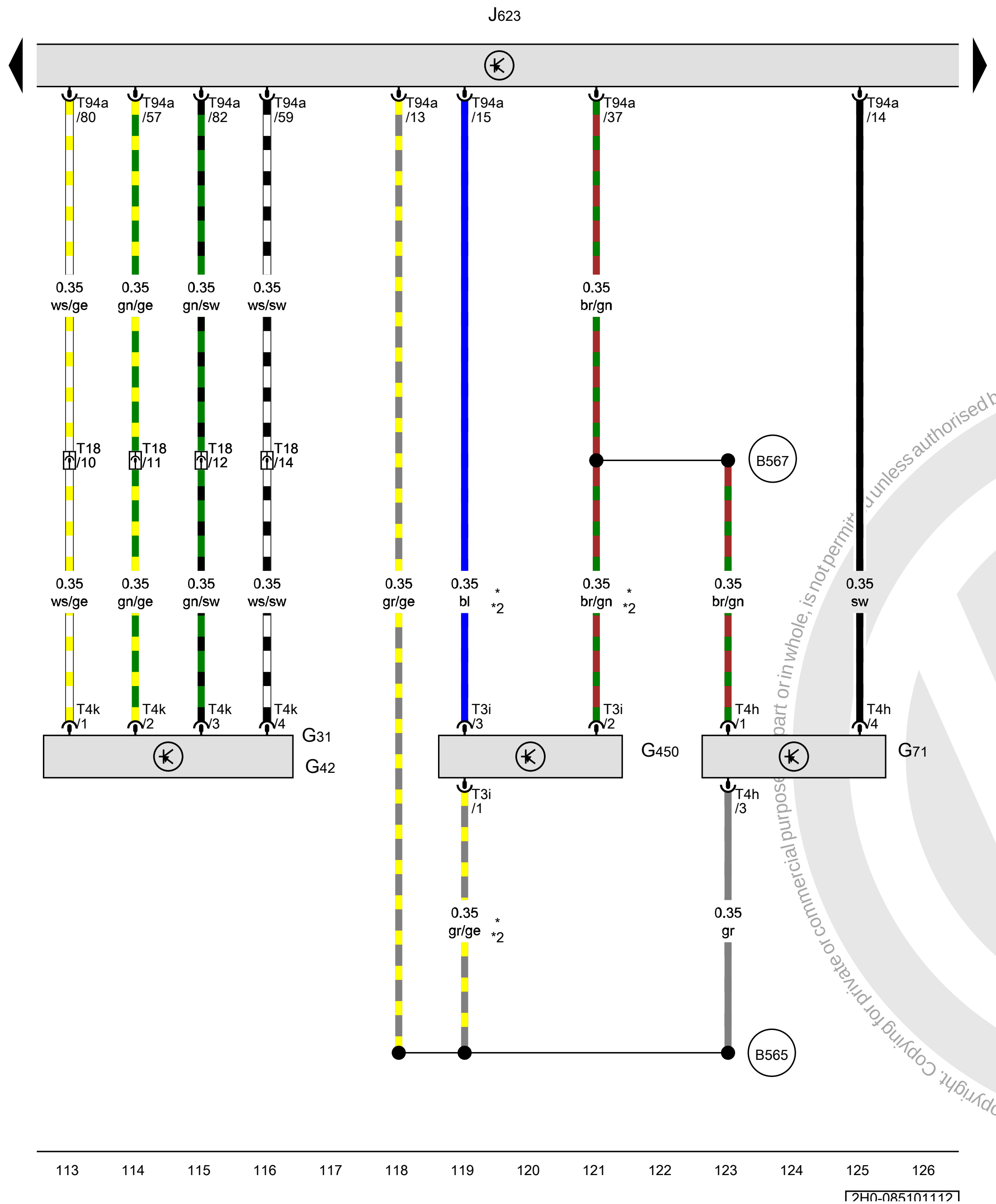

Charge pressure sender, Intake air temperature sender, Intake manifold pressure sender, Exhaust gas pressure sensor 1, Engine control unit

G31	Charge pressure sender
G42	Intake air temperature sender
G71	Intake manifold pressure sender
G450	Exhaust gas pressure sensor 1
J623	Engine control unit, near battery
T3i	3-pin connector, black
T4h	4-pin connector, black
T4k	4-pin connector, black
T18	18-pin connector, near engine control unit, black
T94a	94-pin connector, black
B565	Connection 32, in main wiring harness
B567	Connection 34, in main wiring harness
*	Only models with Euro 5 emission standard
*2	Only models with Euro 5 plus emission standard (7MJ)

ws	=	white
sw	=	black
ro	=	red
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bl	=	blue
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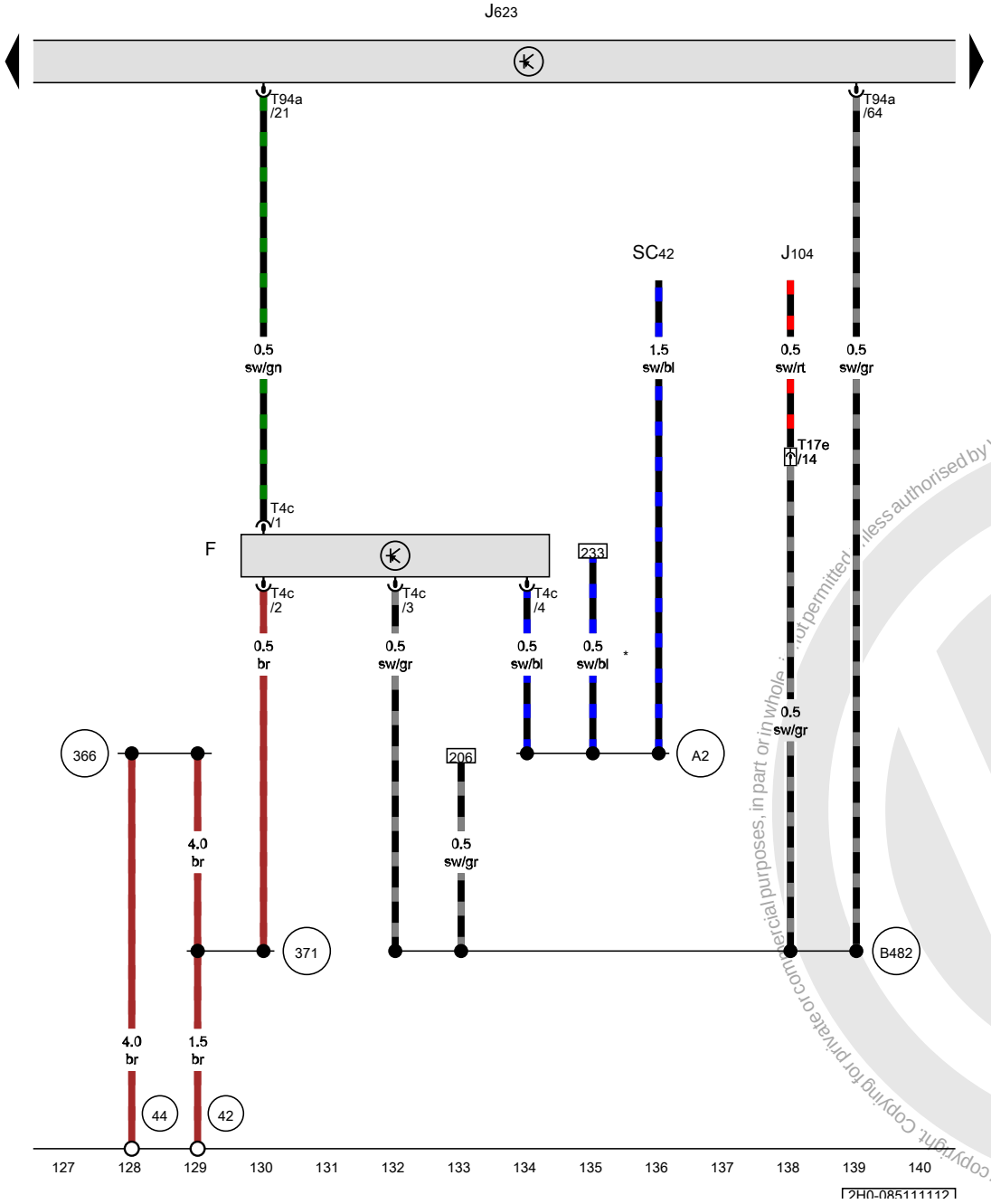

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Brake light switch, Engine control unit

F	Brake light switch
J104	ABS control unit
J623	Engine control unit, near battery
SC42	Fuse 42 on fuse holder C
T4c	4-pin connector, black
T17e	17-pin connector, near handbrake lever, red
T94a	94-pin connector, black
42	Earth point, next to steering column
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
371	Earth connection 6, in main wiring harness
A2	Positive connection (15), in dash panel wiring harness
B482	Connection 18, in main wiring harness
*	Only models with Euro 5 emission standard

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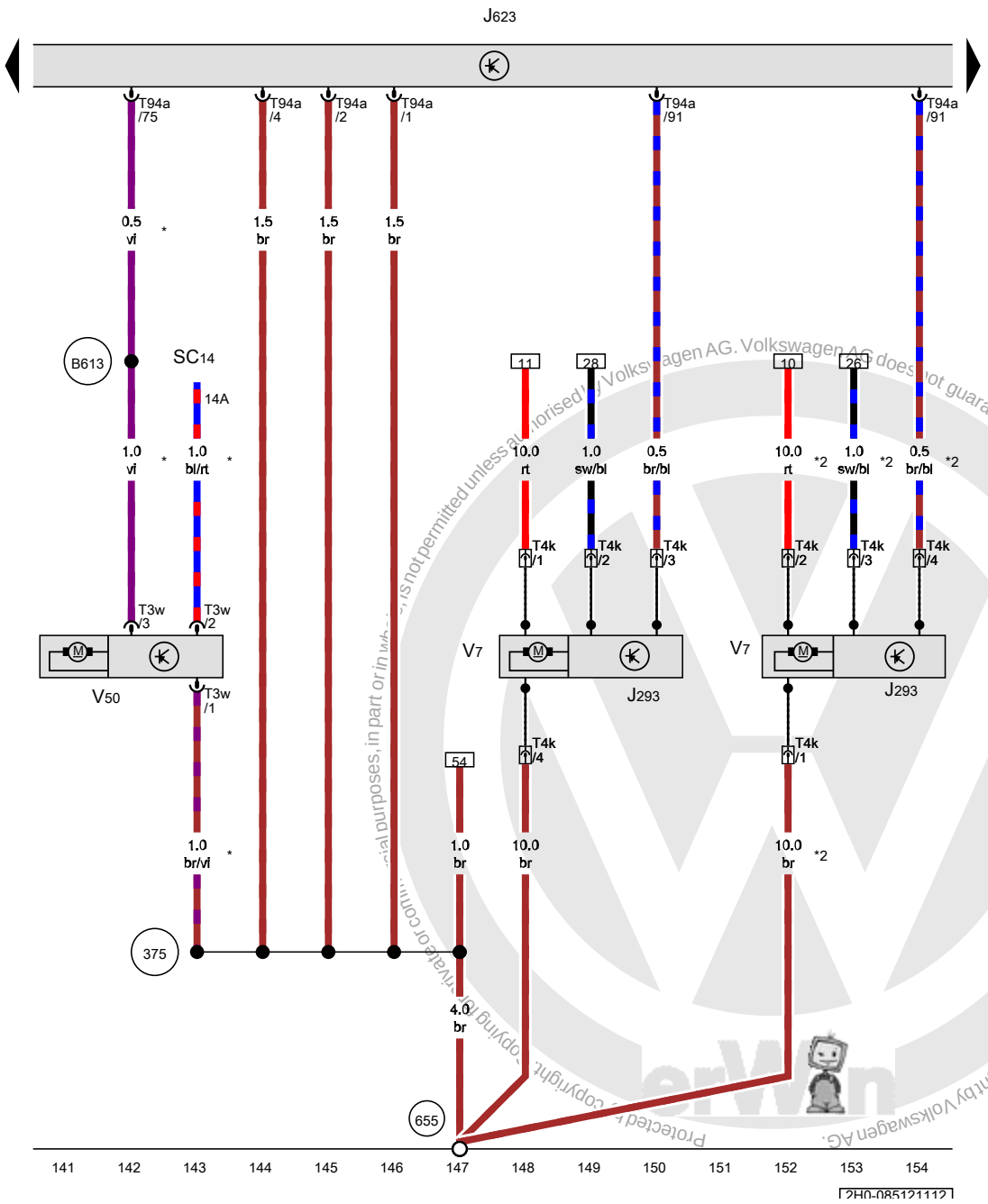

Radiator fan control unit, Engine control unit, Fuse 14 on fuse holder C, Radiator fan, Coolant circulation pump

J293	Radiator fan control unit
J623	Engine control unit, near battery
SC14	Fuse 14 on fuse holder C
T3w	3-pin connector
T4k	4-pin connector, on radiator cowling, black
T94a	94-pin connector, black
V7	Radiator fan
V50	Coolant circulation pump
375	Earth connection 10, in main wiring harness
655	Earth point, on left headlight
B613	Connection 41, in main wiring harness
*	Only models with Euro 5 plus emission standard (7MJ)
*2	Only for countries with hot climate

ws	=	white
sw	=	black
ro	=	red
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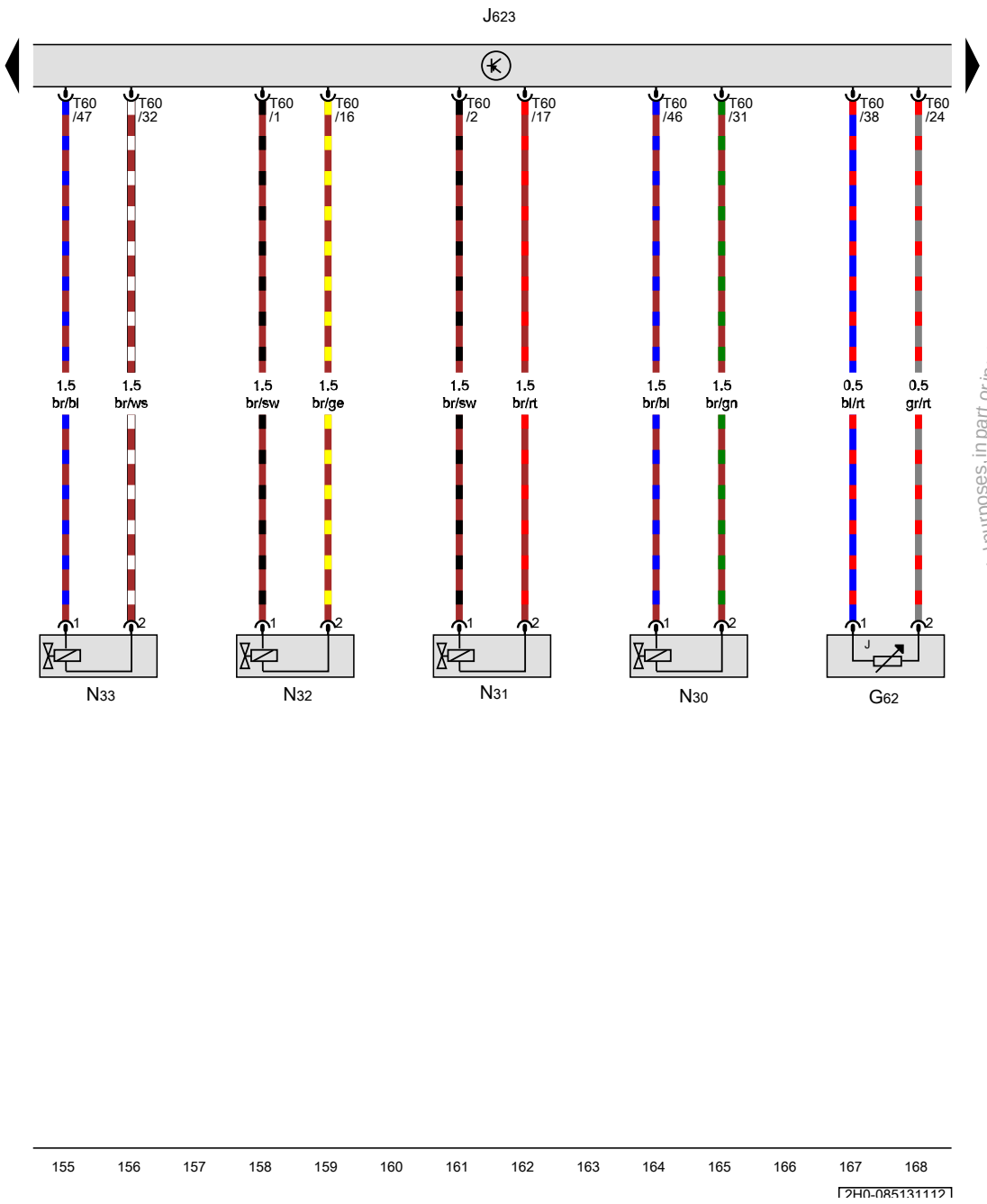

Coolant temperature sender, Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

G62	Coolant temperature sender
J623	Engine control unit, near battery
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T60	60-pin connector, black

ws	=	white
sw	=	black
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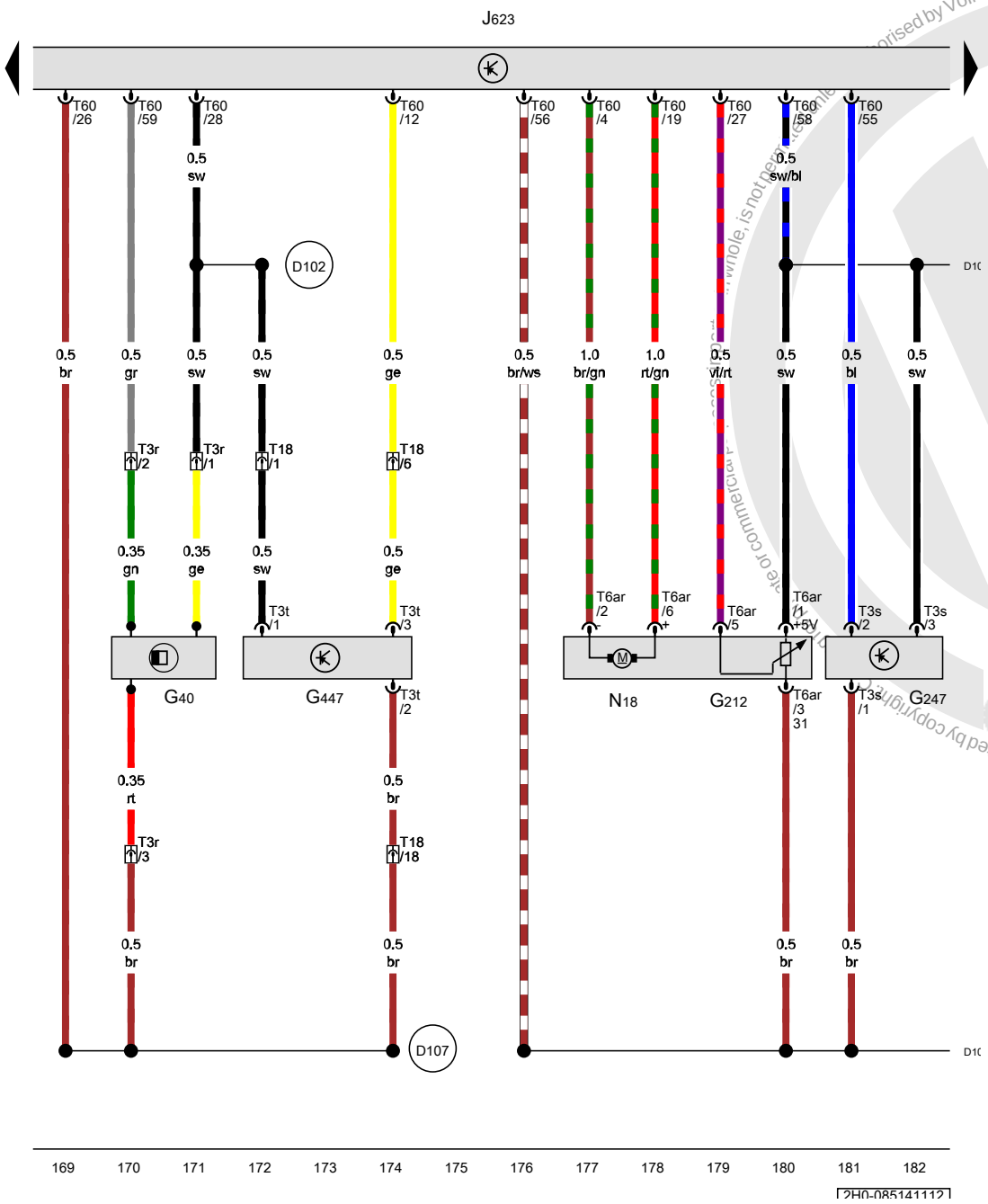

Hall sender, Exhaust gas recirculation potentiometer, Fuel pressure sender, Charge pressure sender 2, Engine control unit, Exhaust gas recirculation valve

G40	Hall sender
G212	Exhaust gas recirculation potentiometer
G247	Fuel pressure sender
G447	Charge pressure sender 2, on turbocharger air recirculation valve
J623	Engine control unit, near battery
N18	Exhaust gas recirculation valve
T3r	3-pin connector, on front of engine, black
T3s	3-pin connector, black
T3t	3-pin connector
T6ar	6-pin connector, black
T18	18-pin connector, near engine control unit, black
T60	60-pin connector, black
D101	Connection 1 in engine compartment wiring harness
D102	Connection 2 in engine compartment wiring harness
D103	Connection 3 in engine compartment wiring harness
D107	Connection 5 in engine compartment wiring harness

ws	=	white
sw	=	black
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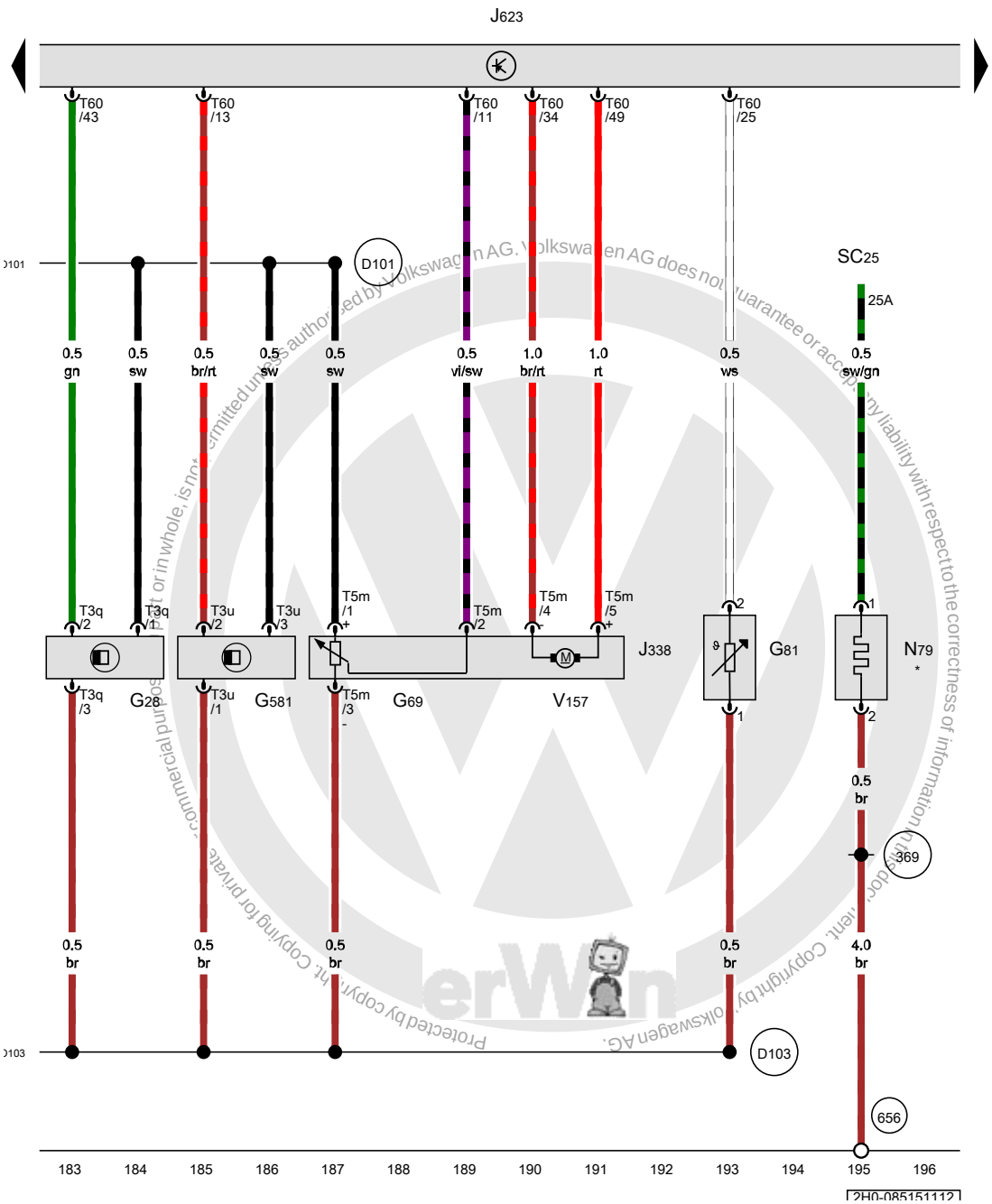

Engine speed sender, Throttle valve potentiometer, Fuel temperature sender, Position sender for charge pressure positioner, Throttle valve module, Engine control unit, Heater element for crankcase breather, Fuse 25 on fuse holder C, Intake manifold flap motor

G28	Engine speed sender
G69	Throttle valve potentiometer
G81	Fuel temperature sender
G581	Position sender for charge pressure positioner
J338	Throttle valve module
J623	Engine control unit, near battery
N79	Heater element for crankcase breather
SC25	Fuse 25 on fuse holder C
T3q	3-pin connector, black
T3u	3-pin connector, black
T5m	5-pin connector
T60	60-pin connector, black
V157	Intake manifold flap motor
369	Earth connection 4, in main wiring harness
656	Earth point, on right headlight
D101	Connection 1 in engine compartment wiring harness
D103	Connection 3 in engine compartment wiring harness
*	Only models with crankcase breather heater element

ws	=	white
sw	=	black
ro	=	red
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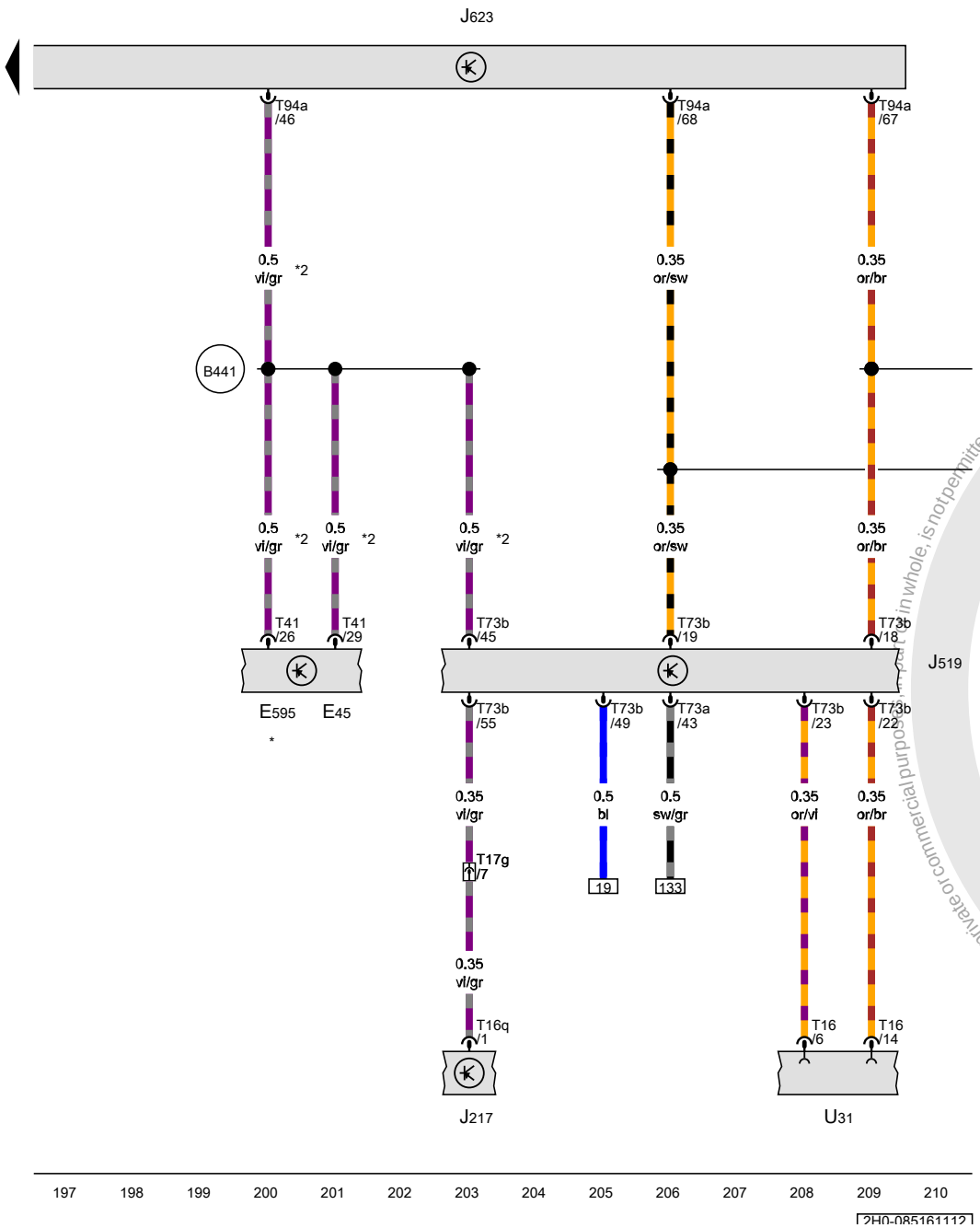

Cruise control system switch, Automatic gearbox control unit, Onboard supply control unit, Engine control unit

E45	Cruise control system switch
E595	Steering column combination switch
J217	Automatic gearbox control unit
J519	Onboard supply control unit
J623	Engine control unit, near battery
T16	16-pin connector, black
T16q	16-pin connector
T17g	17-pin connector, near handbrake lever, black
T41	41-pin connector, grey
T73a	73-pin connector, black
T73b	73-pin connector, colourless
T94a	94-pin connector, black
U31	Diagnostic connection
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B441	Connection (CCS), in main wiring harness
*	see applicable current flow diagram for basic equipment
*2	Only models with cruise control system (CCS)

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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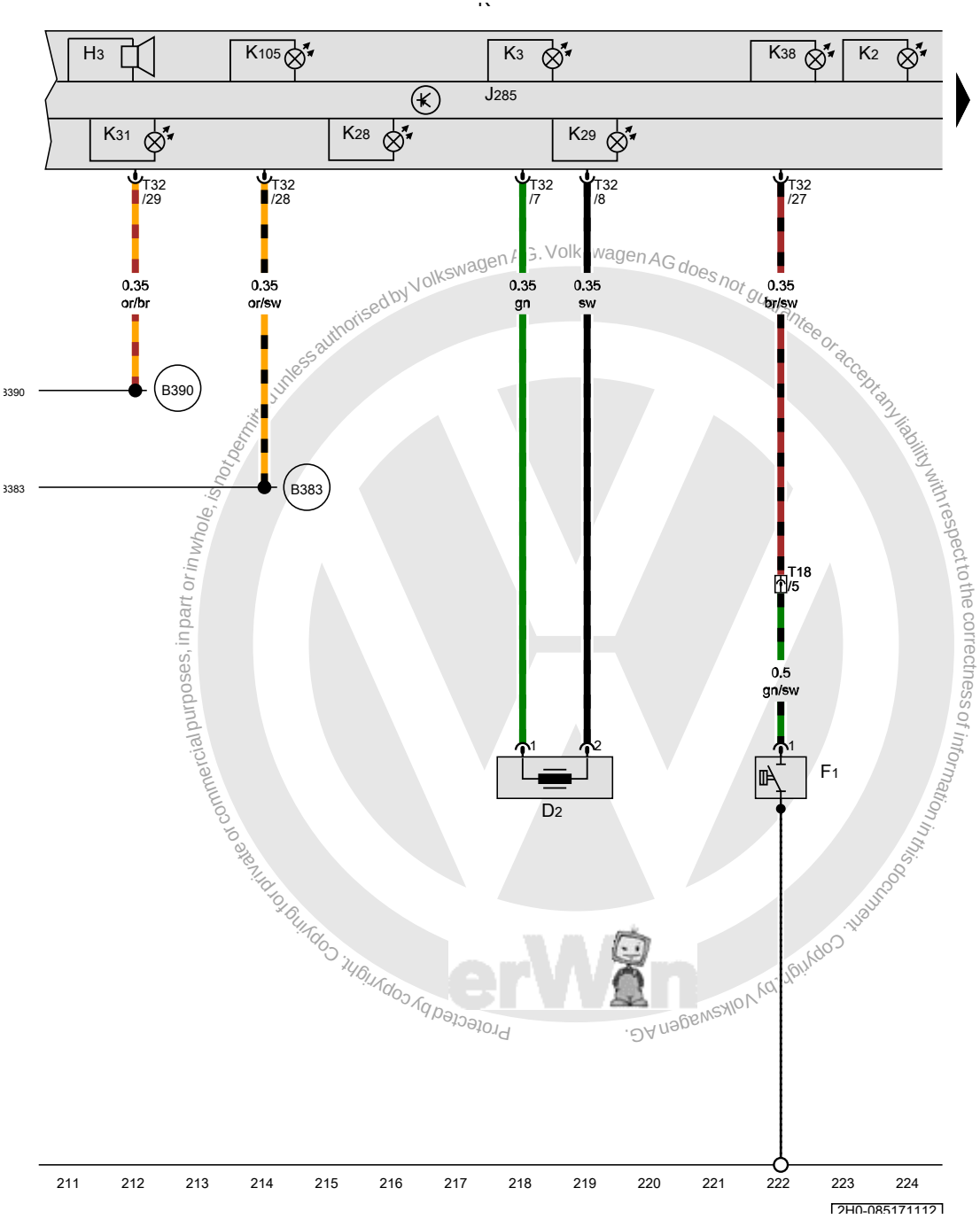

Dash panel insert

D2	Immobiliser reader coil
F1	Oil pressure switch
H3	Buzzer and gong
J285	Control unit in dash panel insert
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K29	Glow period warning lamp
K31	Cruise control system warning lamp
K38	Oil level warning lamp
K105	Reserve fuel warning lamp
T18	18-pin connector, near engine control unit, black
T32	32-pin connector, blue
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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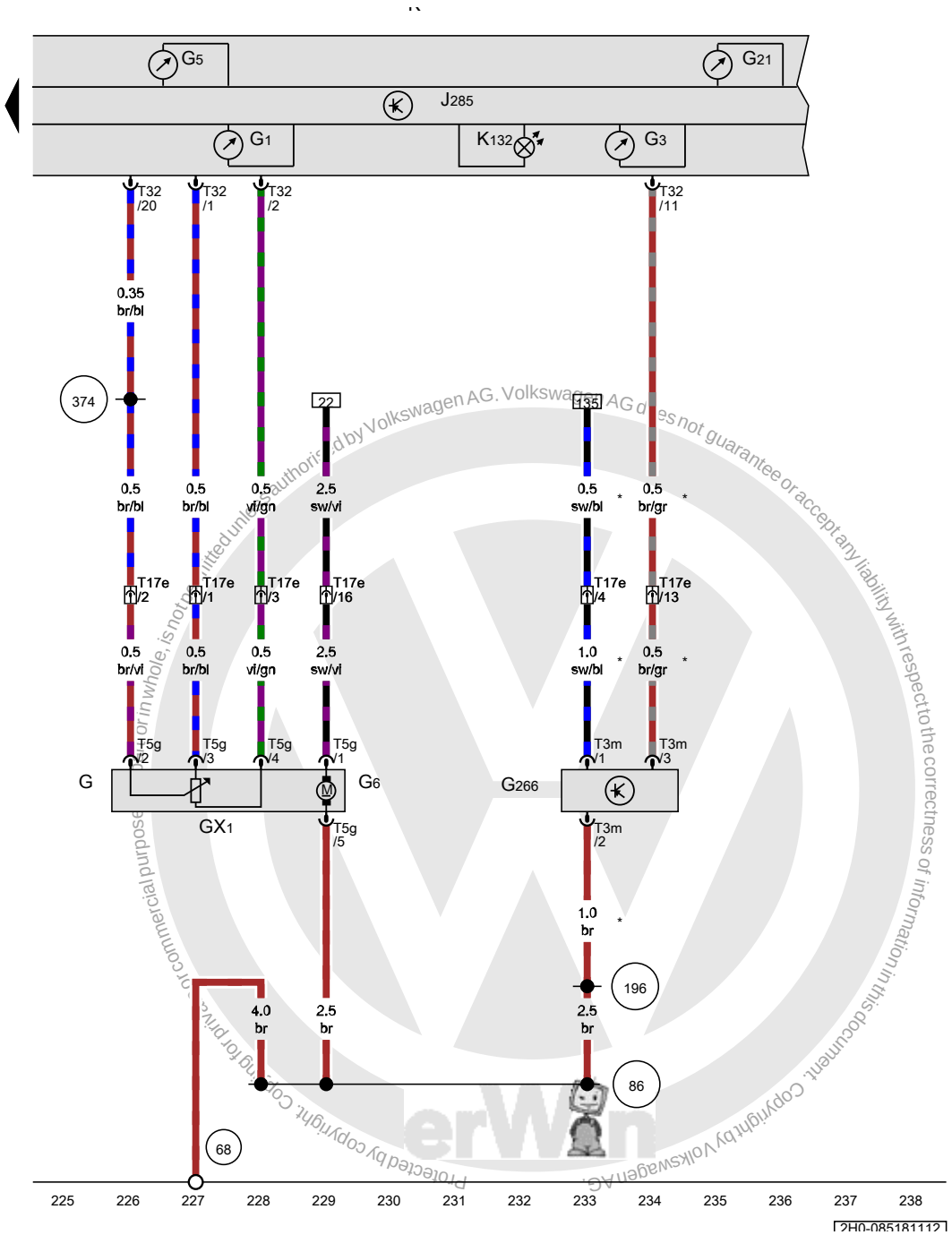

Oil level and oil temperature sender, Dash panel insert

G	Fuel gauge sender
GX1	Fuel delivery unit
G1	Fuel gauge
G3	Coolant temperature gauge
G5	Rev. counter
G6	Fuel system pressurisation pump
G21	Speedometer
G266	Oil level and oil temperature sender
J285	Control unit in dash panel insert
K	Dash panel insert
K132	Electronic power control fault lamp
T3m	3-pin connector, black
T5g	5-pin connector, black
T17e	17-pin connector, near handbrake lever, red
T32	32-pin connector, blue
68	Earth point, on left of rear cross member
86	Earth connection 1, in rear wiring harness
196	Earth connection 3, in rear wiring harness
374	Earth connection 9, in main wiring harness
*	Only models with Euro 5 emission standard

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
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Climatronic

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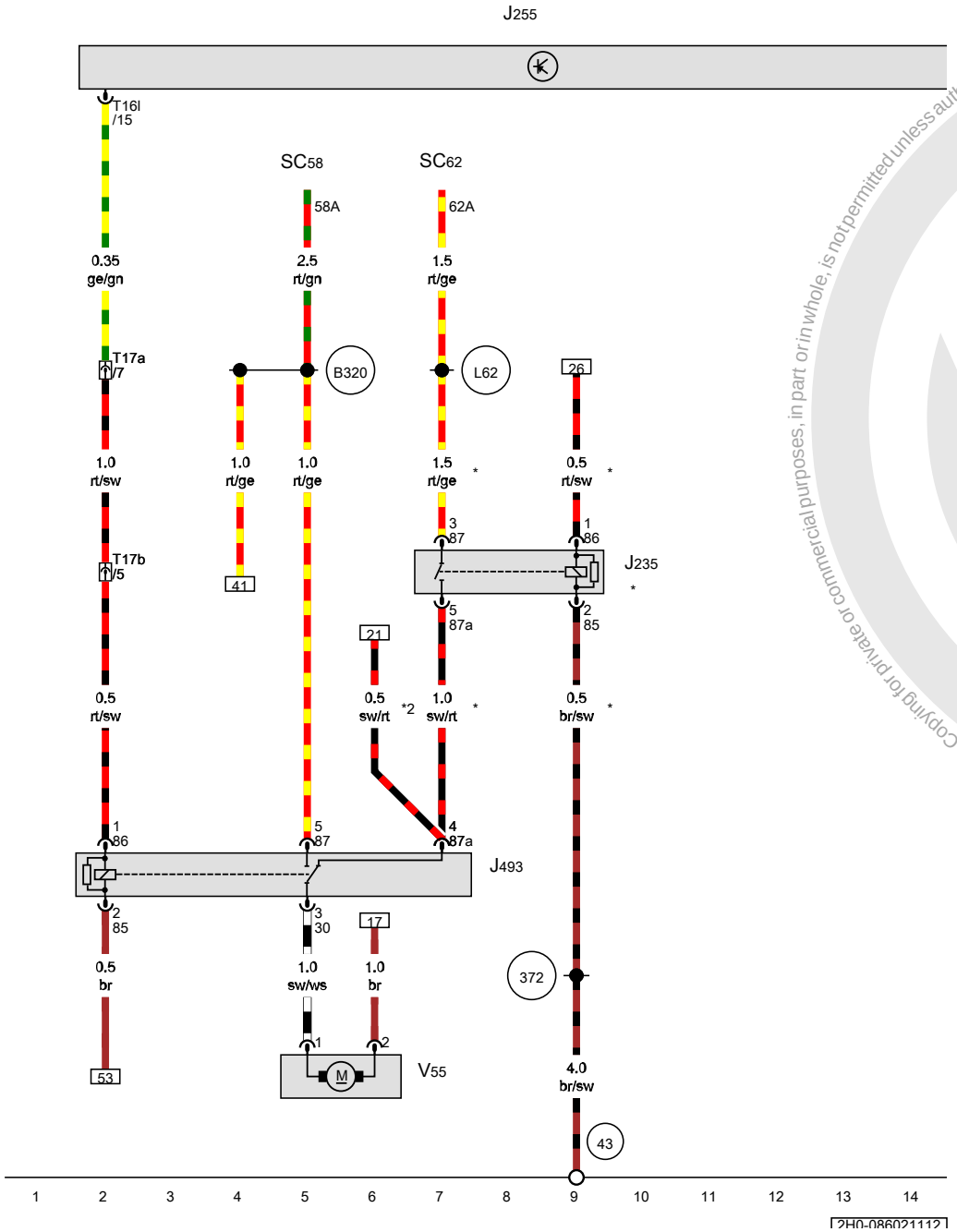

Climatronic control unit, Circulation pump

J235	Coolant pump relay
J255	Climatronic control unit, in centre of dash panel
J493	Auxiliary coolant heater relay
SC58	Fuse 58 on fuse holder C
SC62	Fuse 62 on fuse holder C
T16l	16-pin connector, black
T17a	17-pin connector, behind glove compartment, black
T17b	17-pin connector, on relay carrier, brown
V55	Circulation pump
43	Earth point, lower part of right A-pillar
372	Earth connection 7, in main wiring harness
B320	Positive connection 6 (30a) in main wiring harness
L62	Positive connection (30a), in auxiliary heater wiring harness
*	Only models with petrol engine
*2	Only models with diesel engine

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
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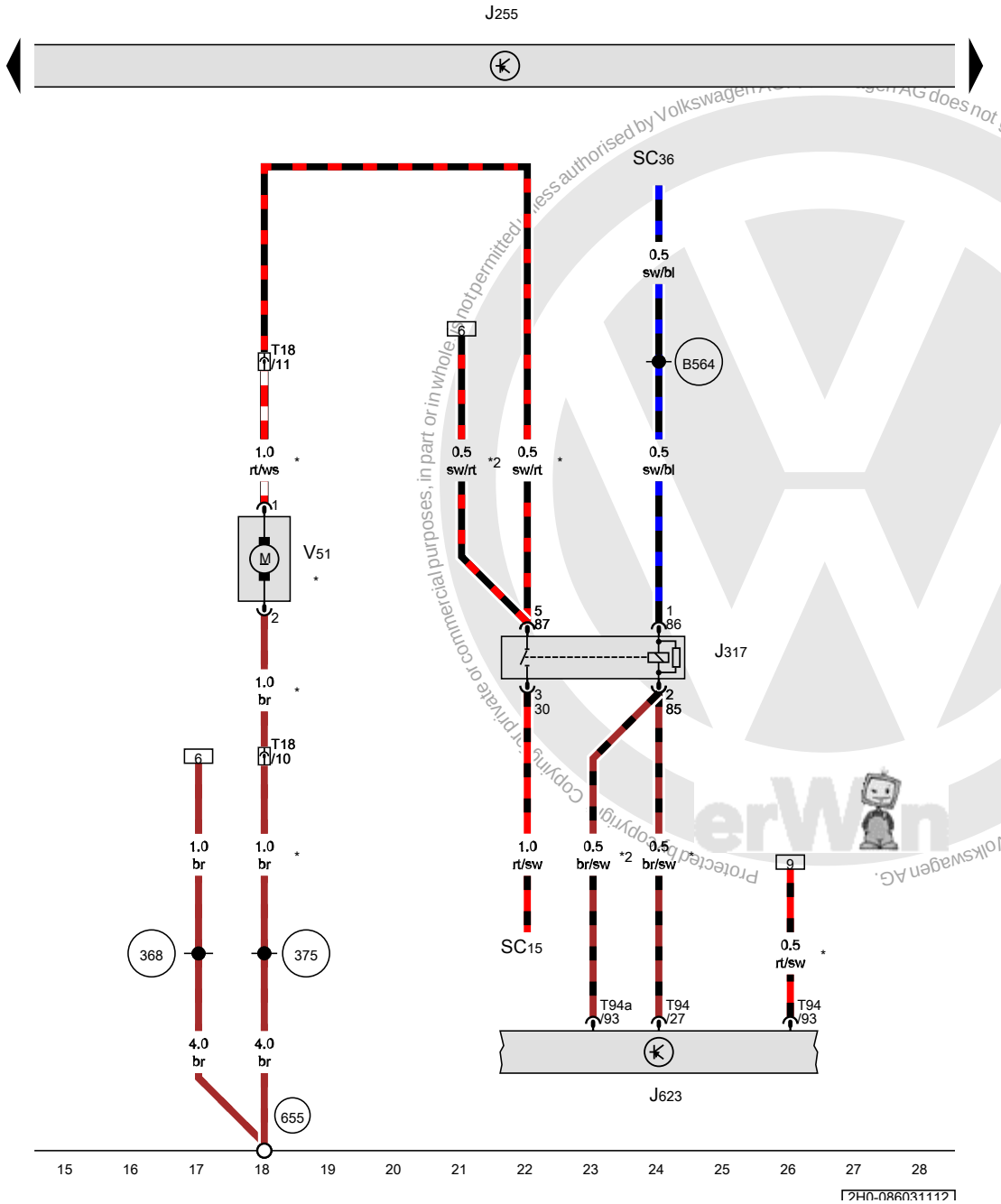
Climatronic control unit, Continued coolant circulation pump



J255	Climatronic control unit, in centre of dash panel
J317	Terminal 30 voltage supply relay
J623	Engine control unit
SC15	Fuse 15 on fuse holder C
SC36	Fuse 36 on fuse holder C
T18	18-pin connector, near engine control unit, black
T94	94-pin connector, black
T94a	94-pin connector, black
V51	Continued coolant circulation pump
368	Earth connection 3, in main wiring harness
375	Earth connection 10, in main wiring harness
655	Earth point, on left headlight
B564	Connection 31, in main wiring harness
*	Only models with petrol engine
*2	Only models with diesel engine

ws	=	white
sw	=	black
ro	=	red
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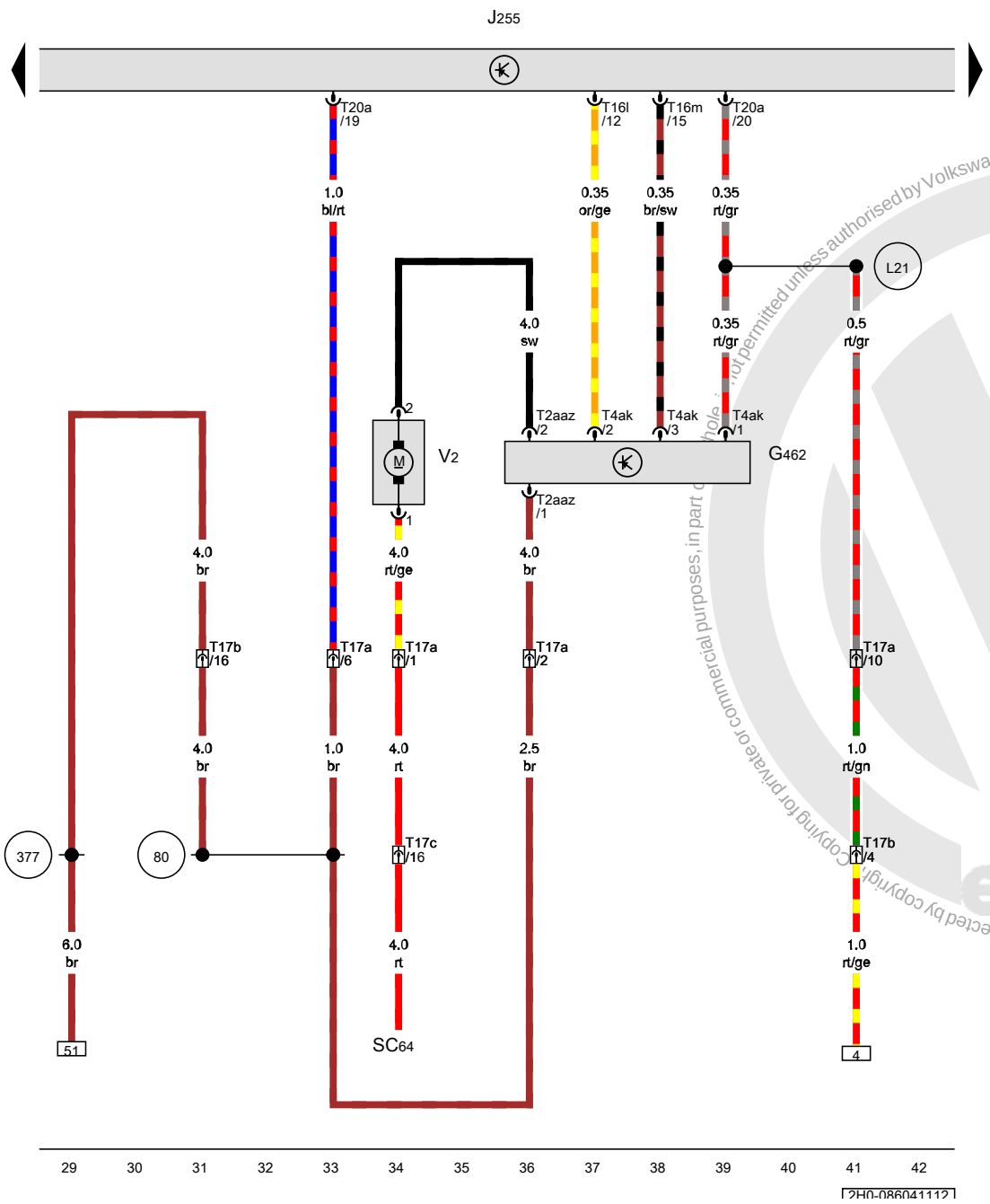

Sender for front Bitron blower regulation, Climatronic control unit, Fresh air blower

G462	Sender for front Bitron blower regulation
J255	Climatronic control unit, in centre of dash panel
SC64	Fuse 64 on fuse holder C
T2aaz	2-pin connector
T4ak	4-pin connector
T16l	16-pin connector, black
T16m	16-pin connector, brown
T17a	17-pin connector, behind glove compartment, black
T17b	17-pin connector, on relay carrier, brown
T17c	17-pin connector, on left under dash panel, white
T20a	20-pin connector
V2	Fresh air blower
80	Earth connection 1, in dash panel wiring harness
377	Earth connection 12, in main wiring harness
L21	Connection 1 (30), in Climatronic operating unit wiring harness

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
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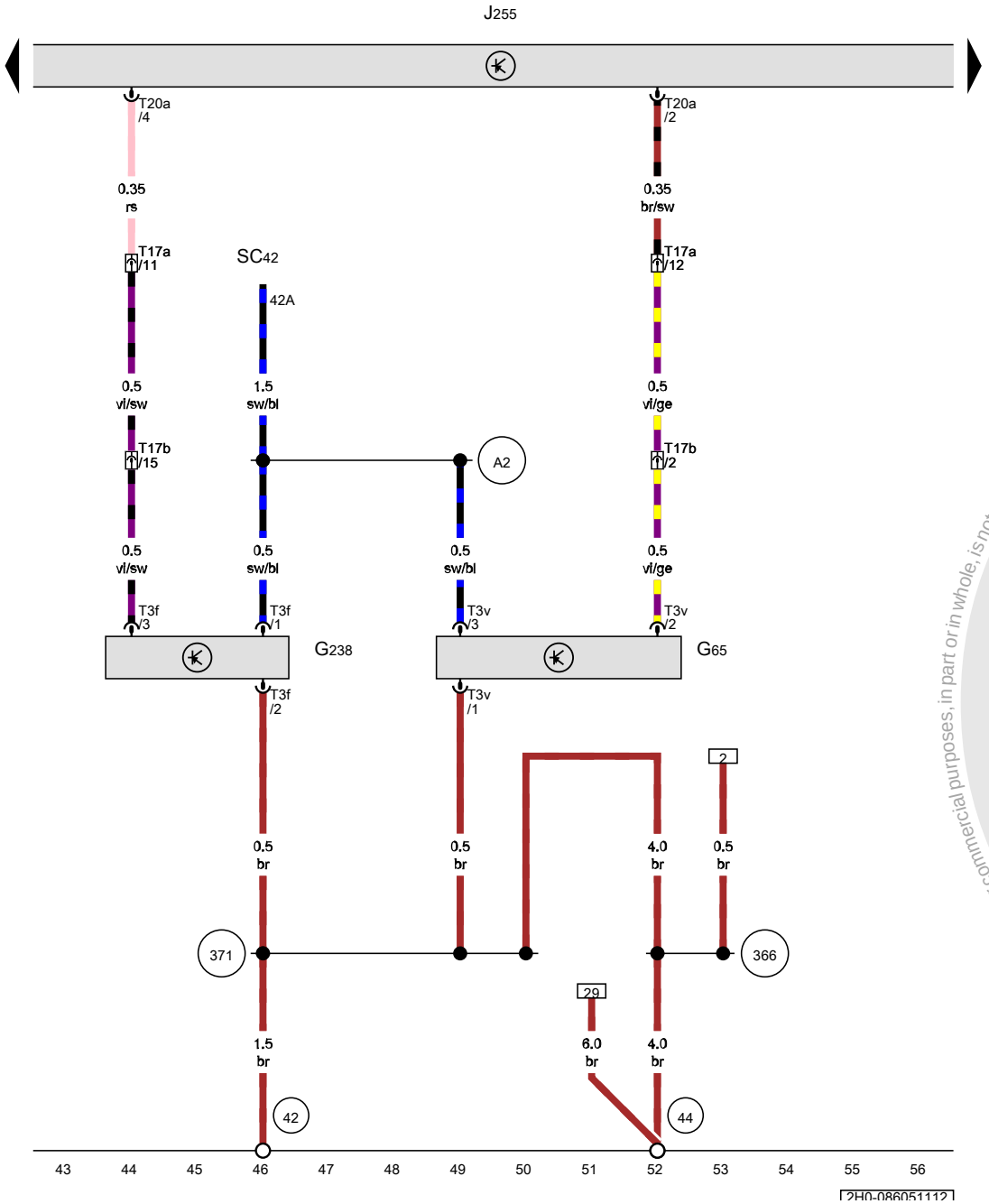

High-pressure sender, Air quality sensor, Climatronic control unit, Fuse 42 on fuse holder C

G65	High-pressure sender
G238	Air quality sensor, near window wiper motor
J255	Climatronic control unit, in centre of dash panel
SC42	Fuse 42 on fuse holder C
T3f	3-pin connector
T3v	3-pin connector
T17a	17-pin connector, behind glove compartment, black
T17b	17-pin connector, on relay carrier, brown
T20a	20-pin connector
42	Earth point, next to steering column
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
371	Earth connection 6, in main wiring harness
A2	Positive connection (15), in dash panel wiring harness

ws	=	white
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ro	=	red
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bl	=	blue
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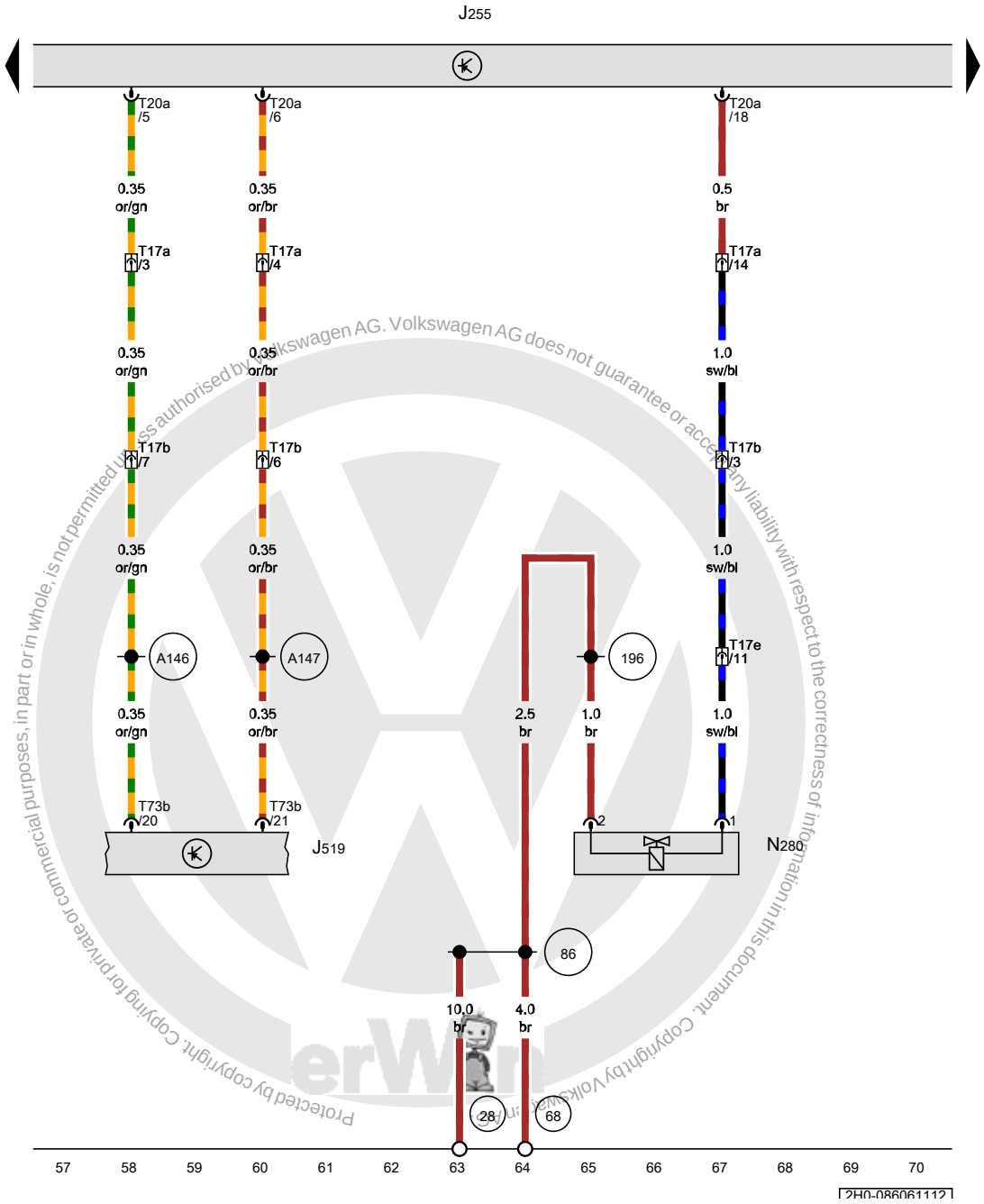

Climatronic control unit, Onboard supply control unit, Air conditioner compressor regulating valve

J255	Climatronic control unit, in centre of dash panel
J519	Onboard supply control unit
N280	Air conditioner compressor regulating valve
T17a	17-pin connector, behind glove compartment, black
T17b	17-pin connector, on relay carrier, brown
T17e	17-pin connector, near handbrake lever, red
T20a	20-pin connector
T73b	73-pin connector, colourless
28	Earth point, on bulkhead
68	Earth point, on left of rear cross member
86	Earth connection 1, in rear wiring harness
196	Earth connection 3, in rear wiring harness
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
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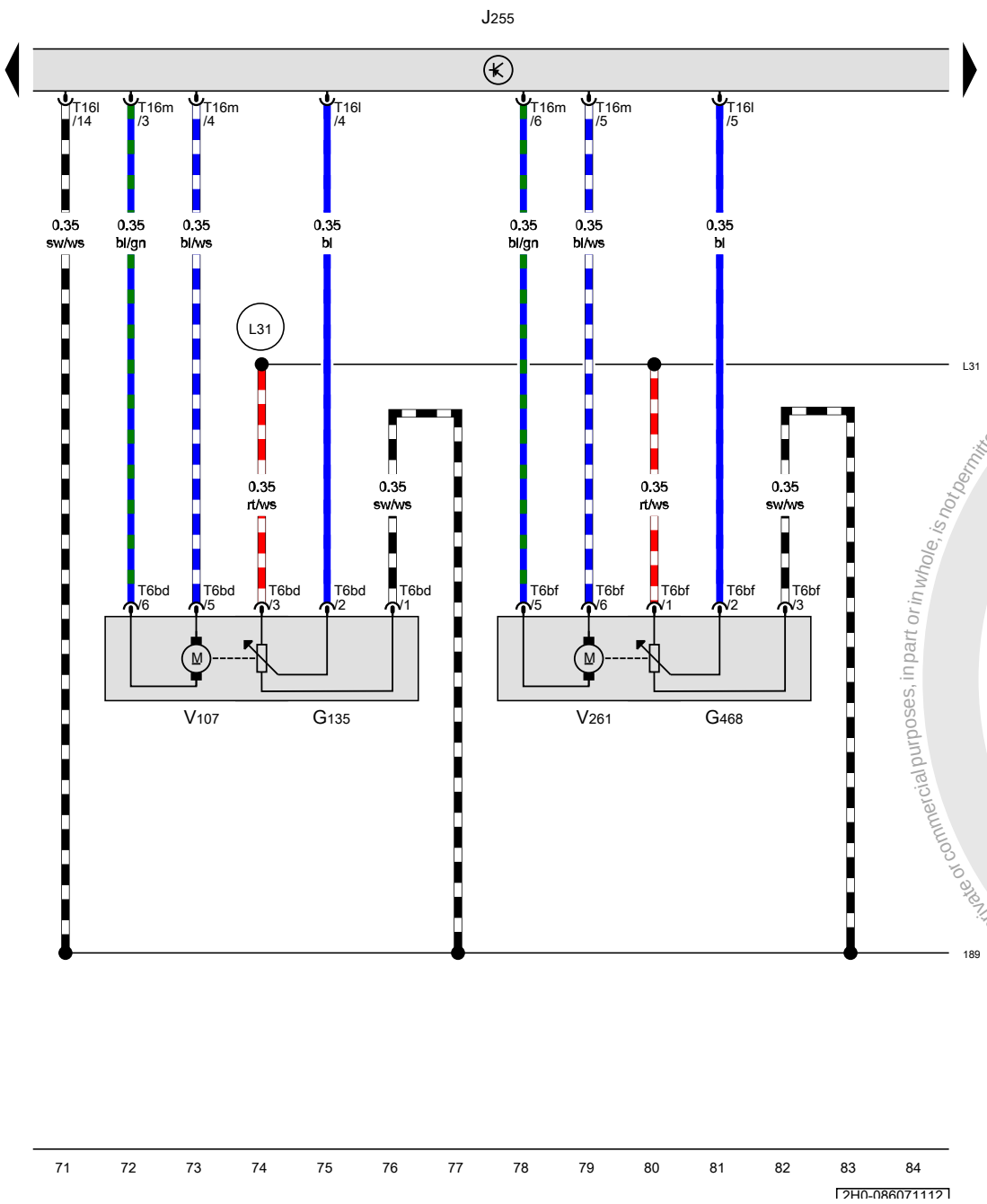

Potentiometer for defroster flap control motor, Potentiometer for footwell vent control motor, Climatronic control unit, Defroster flap control motor, Footwell flap control motor

G135	Potentiometer for defroster flap control motor
G468	Potentiometer for footwell vent control motor
J255	Climatronic control unit, in centre of dash panel
T6bd	6-pin connector, black
T6bf	6-pin connector
T16l	16-pin connector, black
T16m	16-pin connector, brown
V107	Defroster flap control motor
V261	Footwell flap control motor
189	Earth connection 1, in heater wiring harness
L31	Connection (5V), in air conditioning system wiring harness

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
bl	=	blue
gr	=	grey
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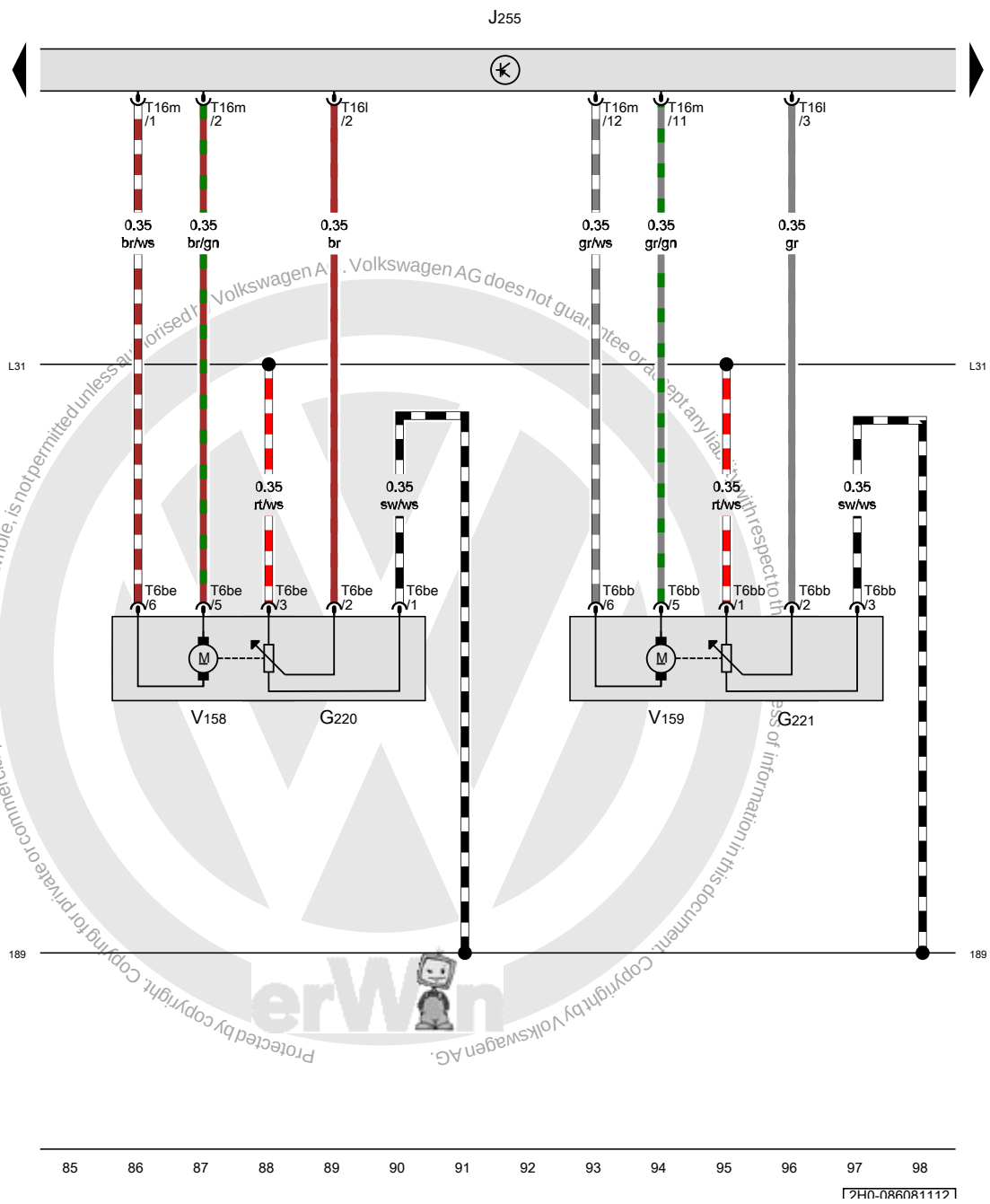

Potentiometer for left temperature flap control motor, Potentiometer for right temperature flap control motor, Climatronic control unit, Left temperature flap control motor, Right temperature flap control motor

G220	Potentiometer for left temperature flap control motor
G221	Potentiometer for right temperature flap control motor
J255	Climatronic control unit, in centre of dash panel
T6bb	6-pin connector
T6be	6-pin connector
T16l	16-pin connector, black
T16m	16-pin connector, brown
V158	Left temperature flap control motor
V159	Right temperature flap control motor
189	Earth connection 1, in heater wiring harness
L31	Connection (5V), in air conditioning system wiring harness

ws	=	white
sw	=	black
ro	=	red
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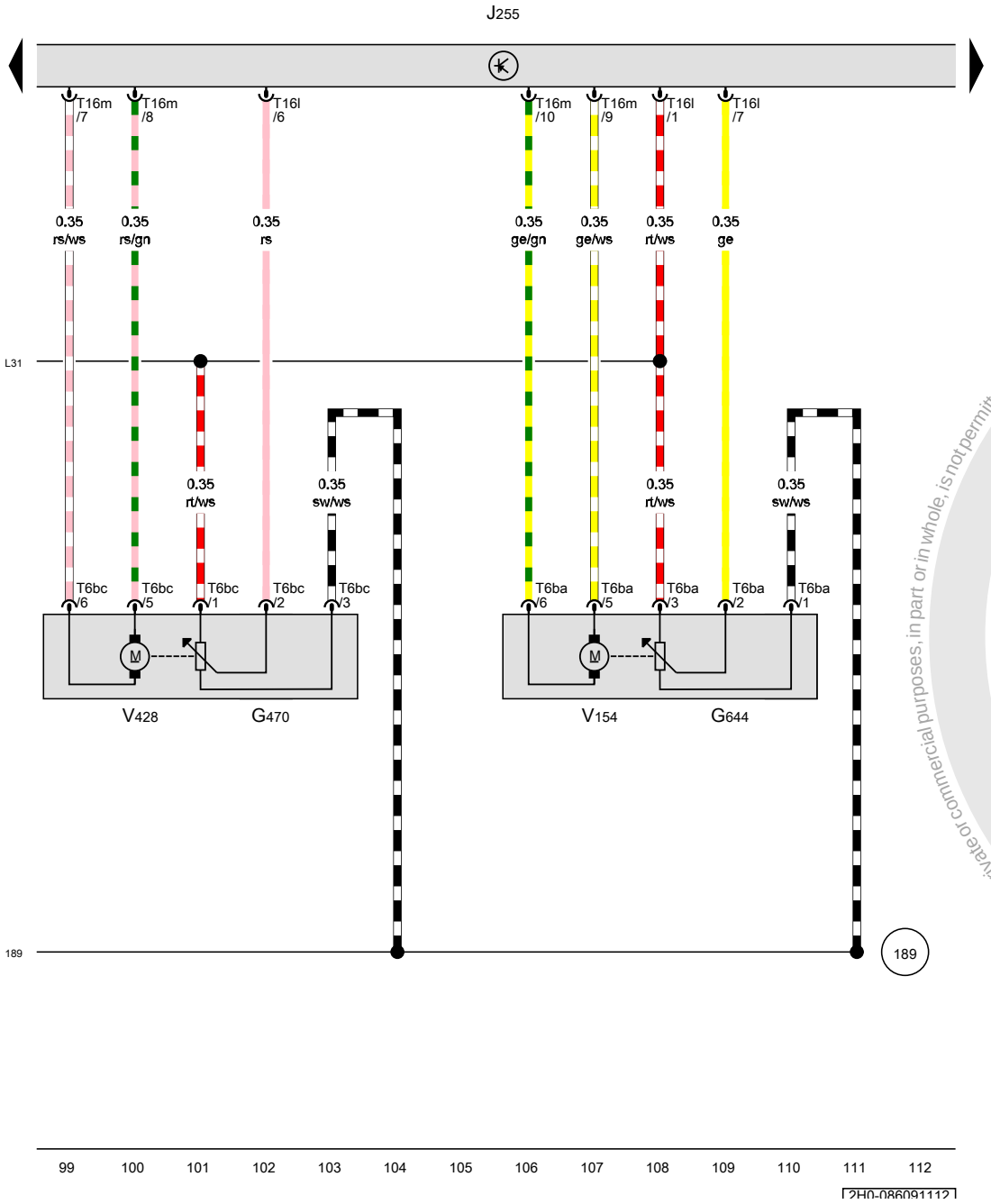

Potentiometer for front air distribution control motor, Potentiometer for fresh air/recirculated air, air flow flap control motor, Climatronic control unit, Fresh air and air recirculation flap control motor, Air distribution flap control motor

G470	Potentiometer for front air distribution control motor
G644	Potentiometer for fresh air/recirculated air, air flow flap control motor
J255	Climatronic control unit, in centre of dash panel
T6ba	6-pin connector
T6bc	6-pin connector
T16l	16-pin connector, black
T16m	16-pin connector, brown
V154	Fresh air and air recirculation flap control motor
V428	Air distribution flap control motor
189	Earth connection 1, in heater wiring harness
L31	Connection (5V), in air conditioning system wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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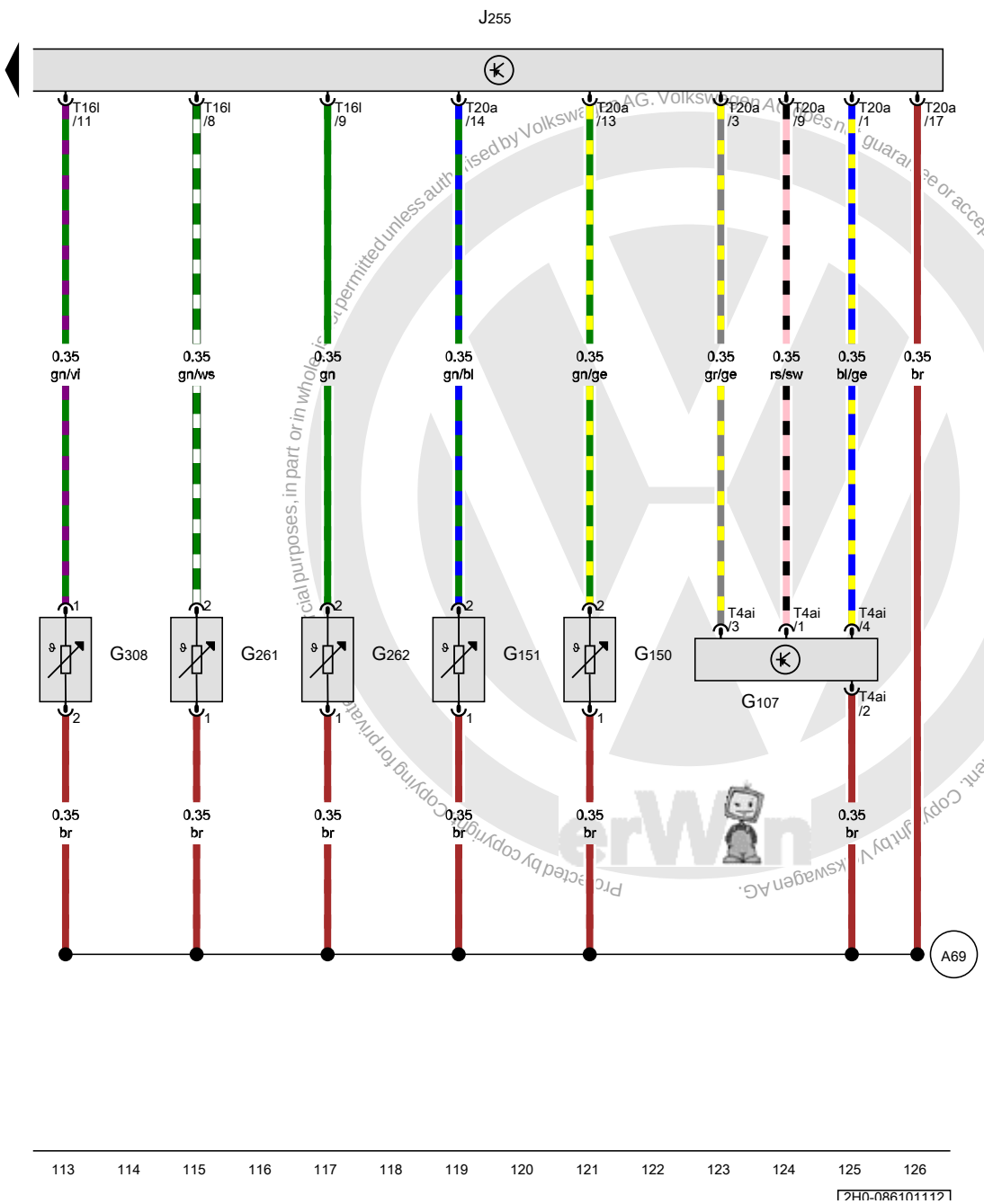

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
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or = orange
rs = pink

Sunlight penetration photosensor, Left vent temperature sender, Right vent temperature sender, Left footwell vent temperature sender, Right footwell vent temperature sender, Evaporator temperature sensor, Climatronic control unit

G107	Sunlight penetration photosensor
G150	Left vent temperature sender
G151	Right vent temperature sender
G261	Left footwell vent temperature sender
G262	Right footwell vent temperature sender
G308	Evaporator temperature sensor
J255	Climatronic control unit, in centre of dash panel
T4ai	4-pin connector, black
T16l	16-pin connector, black
T20a	20-pin connector
A69	Connection (31, air conditioning system/blower control), in dash panel wiring harness

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Basic equipment

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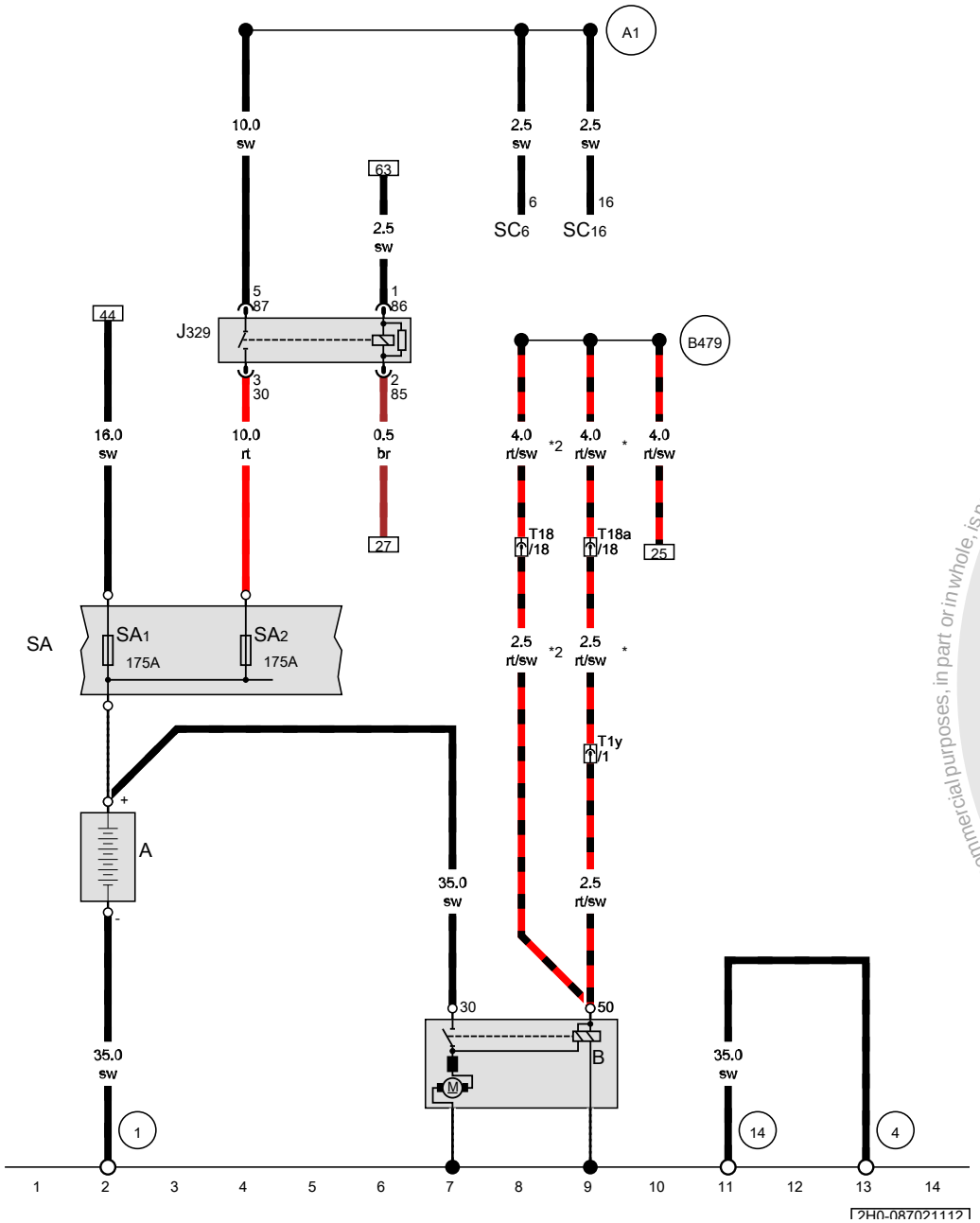

Battery, Starter, Terminal 15 voltage supply relay, Fuse holder A

A	Battery
B	Starter
J329	Terminal 15 voltage supply relay
SA	Fuse holder A
SA1	Fuse 1 in fuse holder A
SA2	Fuse 2 in fuse holder A
SC6	Fuse 6 on fuse holder C
SC16	Fuse 16 on fuse holder C
T1y	Single connector, black
T18	18-pin connector, near engine control unit, black
T18a	18-pin connector, near engine control unit, grey
1	Earth strap, battery - body
4	Earth strap, battery - body - gearbox
14	Earth point, on gearbox
A1	Positive connection (30a), in dash panel wiring harness
B479	Connection 15, in main wiring harness
*	Only models with diesel engine
*2	Only models with petrol engine

ws	=	white
sw	=	black
ro	=	red
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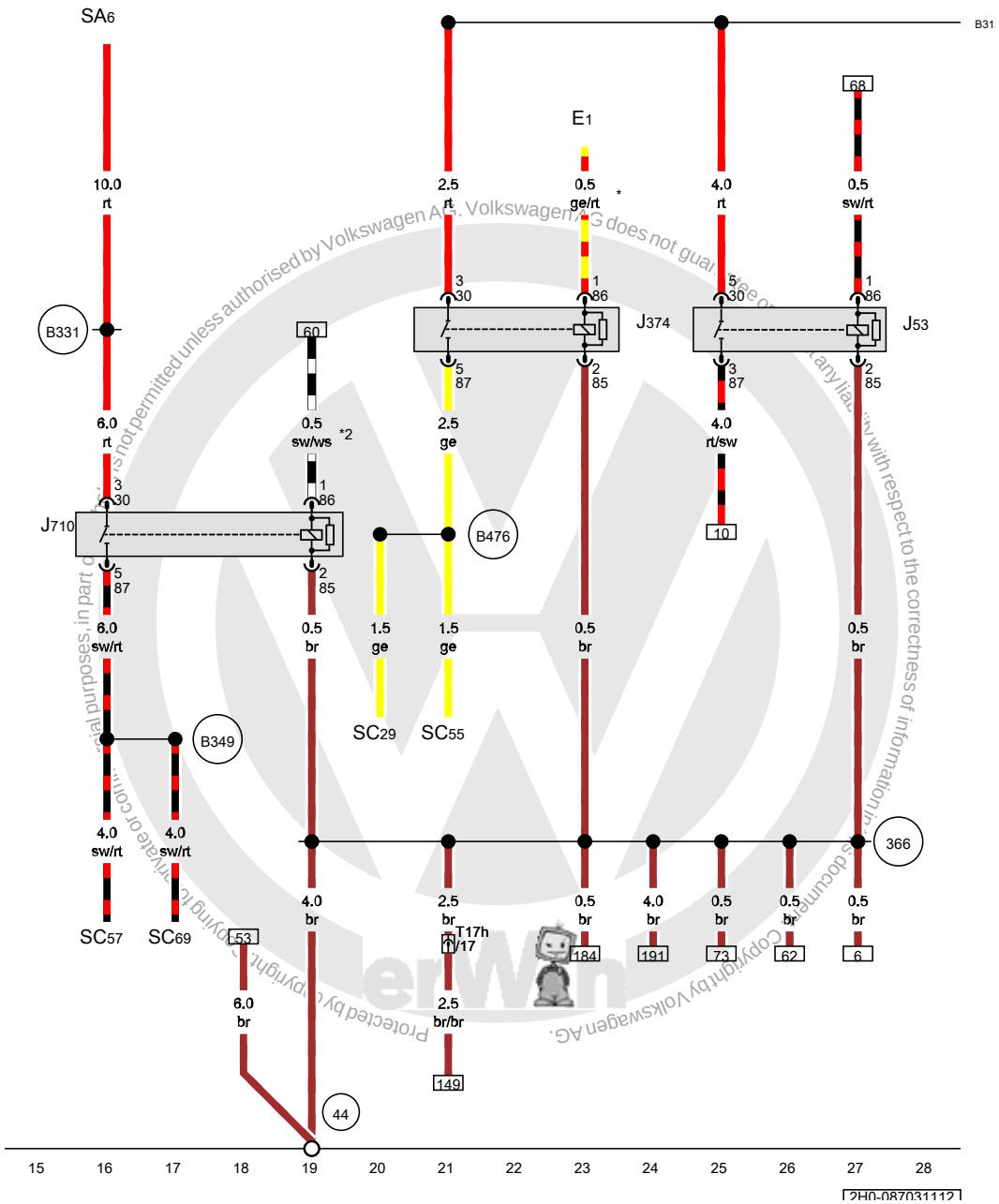

ws = white
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Starter motor relay, Terminal 58b relief relay, Voltage supply relay 2

E1	Light switch
J53	Starter motor relay
J374	Terminal 58b relief relay
J710	Voltage supply relay 2
SA6	Fuse 6 in fuse holder A
SC29	Fuse 29 on fuse holder C
SC55	Fuse 55 on fuse holder C
SC57	Fuse 57 on fuse holder C
SC69	Fuse 69 on fuse holder C
T17h	17-pin connector, on left under dash panel, blue
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B331	Positive connection 17 (30a) in main wiring harness
B349	Connection 2 (75a), in main wiring harness
B476	Connection 12, in main wiring harness
*	see applicable current flow diagram
*2	Only models with no start/stop system

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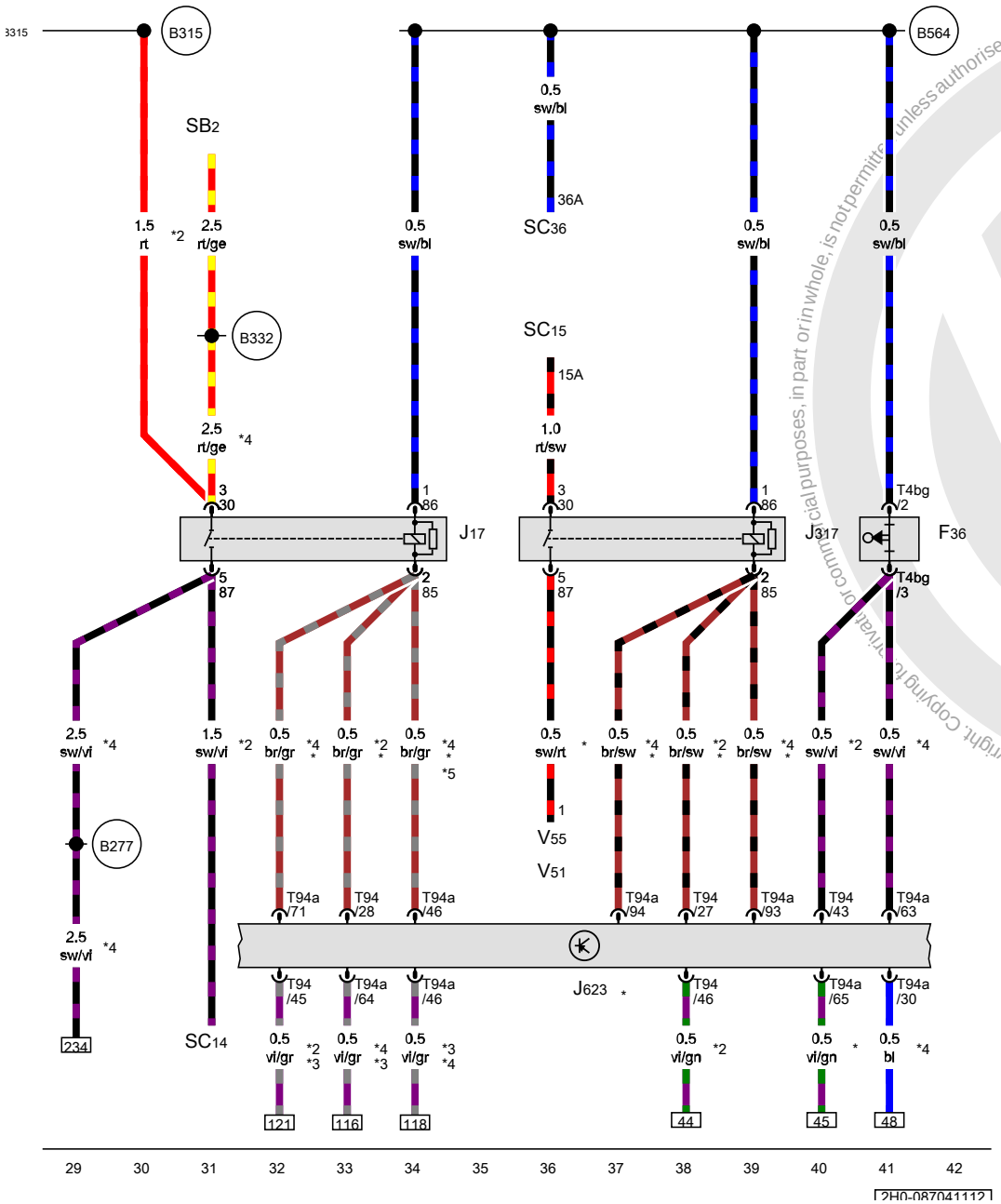
Clutch pedal switch, Fuel pump relay, Terminal 30 voltage supply relay, Engine control unit



F36	Clutch pedal switch
J17	Fuel pump relay
J317	Terminal 30 voltage supply relay
J623	Engine control unit
SB2	Fuse 2 on fuse holder B
SC14	Fuse 14 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC36	Fuse 36 on fuse holder C
T4bg	4-pin connector, black
T94	94-pin connector, black
T94a	94-pin connector, black
V51	Continued coolant circulation pump
V55	Circulation pump
B277	Positive connection 1 (15a) in main wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B332	Positive connection 18 (30a) in main wiring harness
B564	Connection 31, in main wiring harness
*	see applicable current flow diagram for engine
*2	Only models with petrol engine
*3	Only models with cruise control system (CCS)
*4	Only models with diesel engine
*5	Slot assignment, with no cruise control system (CCS)

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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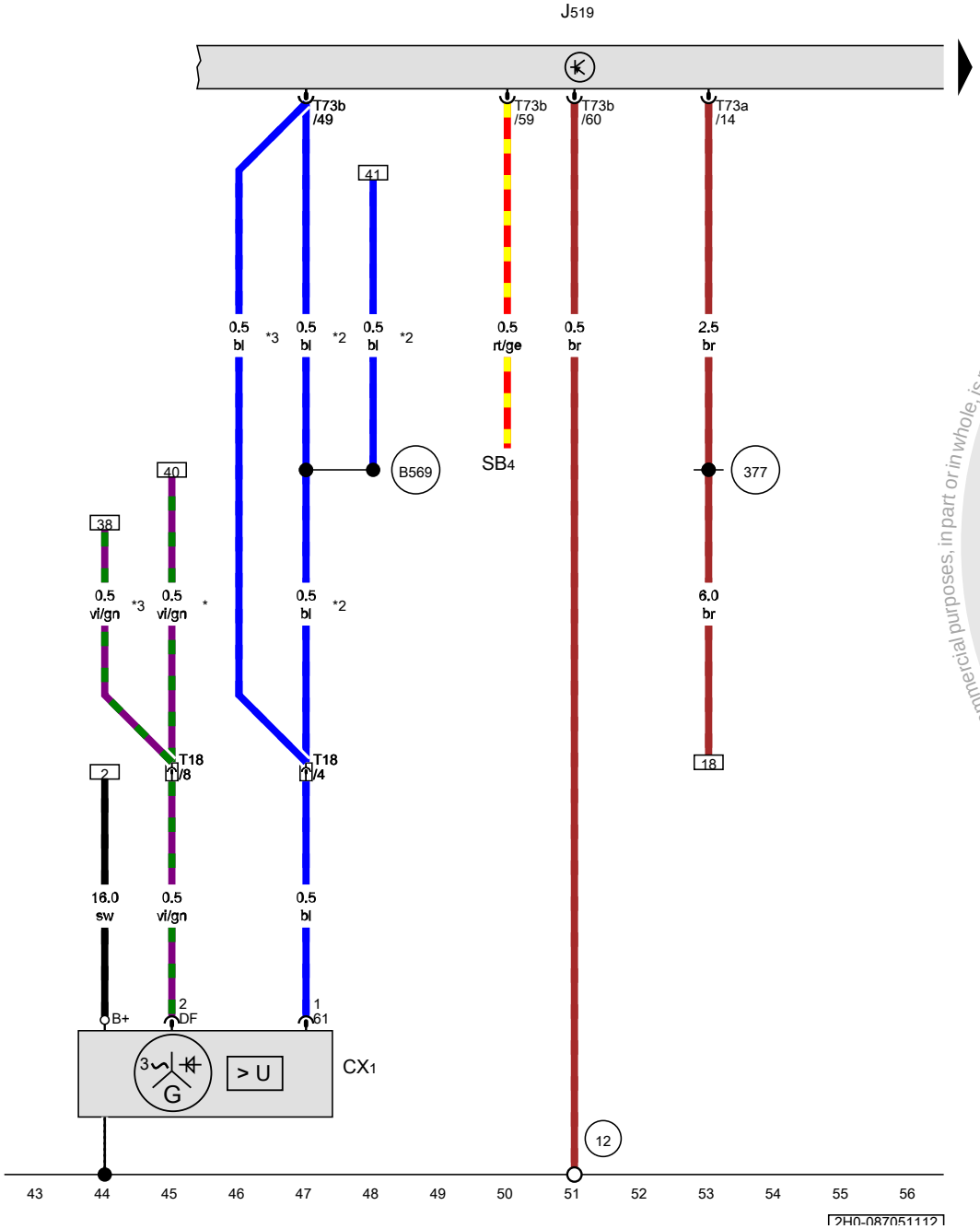

Alternator with voltage regulator, Fuse 4 on fuse holder B

CX1	Alternator with voltage regulator
J519	Onboard supply control unit
SB4	Fuse 4 on fuse holder B
T18	18-pin connector, near engine control unit, black
T73a	73-pin connector, black
T73b	73-pin connector, colourless
12	Earth point, on left in engine compartment
377	Earth connection 12, in main wiring harness
B569	Connection 36, in main wiring harness
*	see applicable current flow diagram for engine
*2	Only models with diesel engine
*3	Only models with petrol engine

ws	=	white
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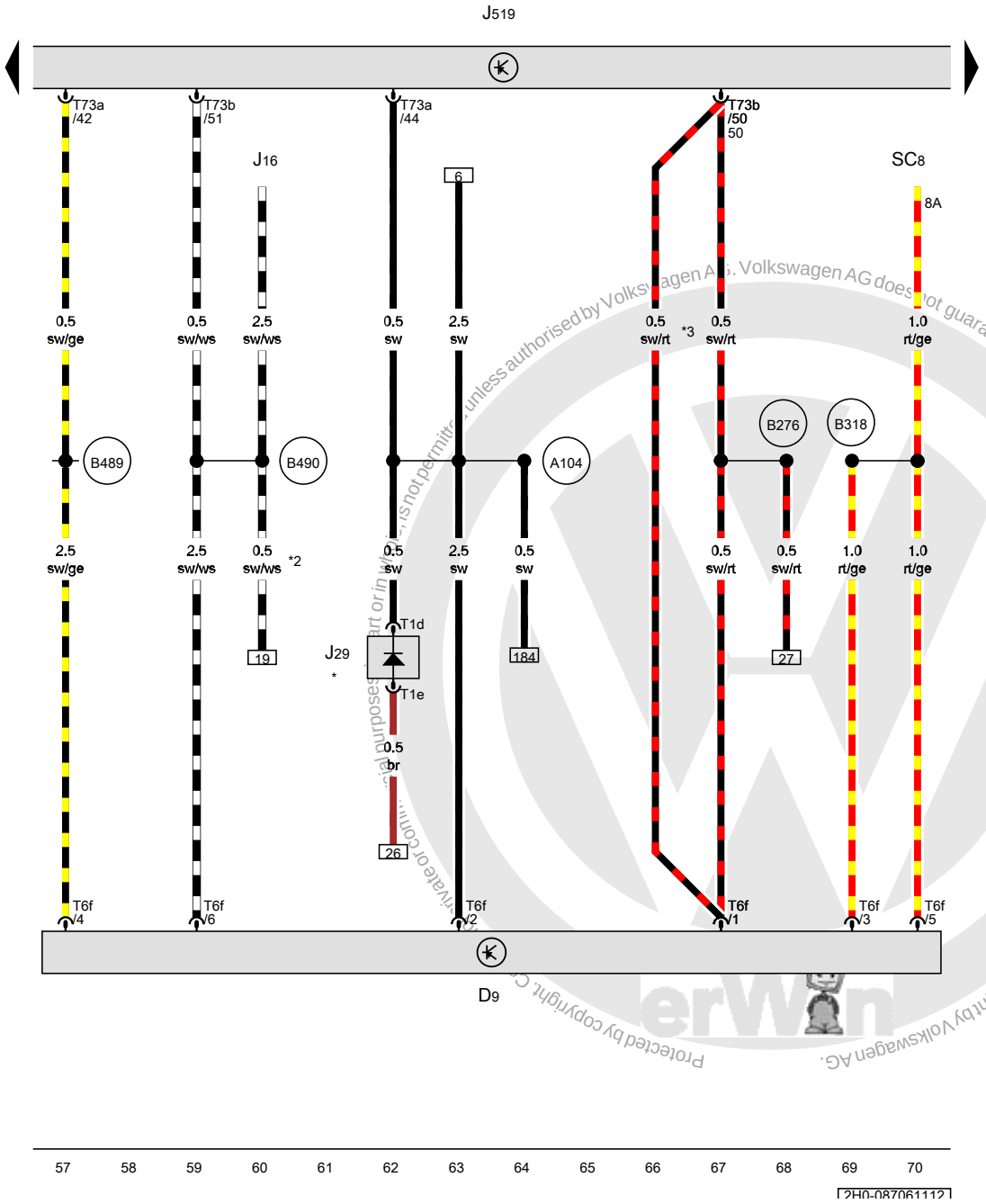

Electronic ignition lock

D9	Electronic ignition lock
J16	Current supply relay
J29	Blocking diode, near steering column
J519	Onboard supply control unit
SC8	Fuse 8 on fuse holder C
T1d	Single connector, red
T1e	Single connector, red
T6f	6-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, colourless
A104	Positive connection 2 (15), in dash panel wiring harness
B276	Positive connection (50), in main wiring harness
B318	Positive connection 4 (30a) in main wiring harness
B489	Connection 25, in main wiring harness
B490	Connection 26, in main wiring harness
*	Only models with cruise control system (CCS)
*2	Only models with no start/stop system
*3	Only models with automatic gearbox

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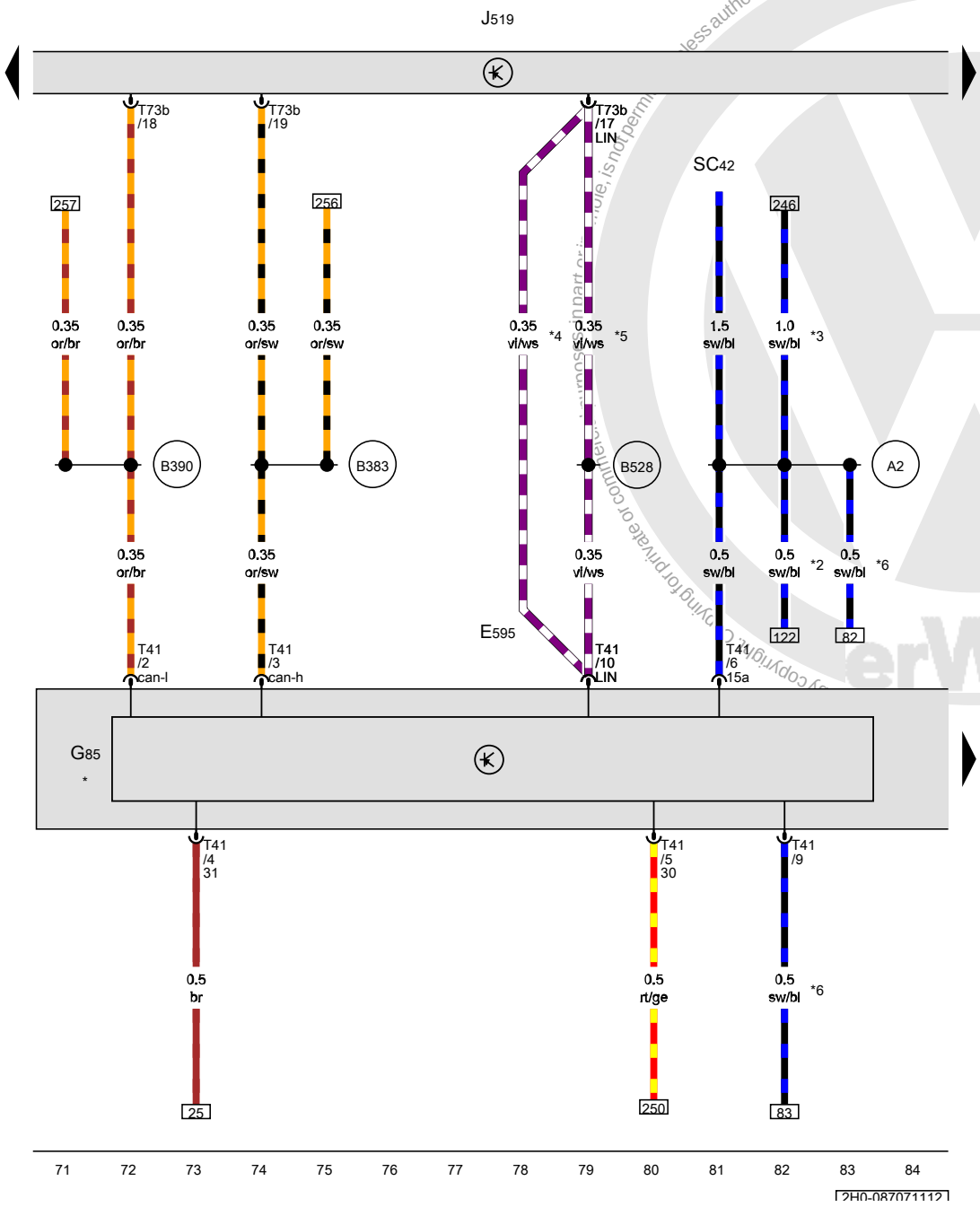

Steering column combination switch, Steering angle sender

E595	Steering column combination switch
G85	Steering angle sender
J519	Onboard supply control unit
SC42	Fuse 42 on fuse holder C
T41	41-pin connector, grey
T73b	73-pin connector, colourless
A2	Positive connection (15), in dash panel wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B528	Connection 1 (LIN bus) in main wiring harness
*	Only models with anti-lock brake system (ABS) and electronic stabilisation program (ESP)
*2	Only models with cruise control system (CCS)
*3	Only models with Euro 5 emission standard
*4	Only models with manual window regulators
*5	Only models with electric window regulators
*6	From November 2011

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
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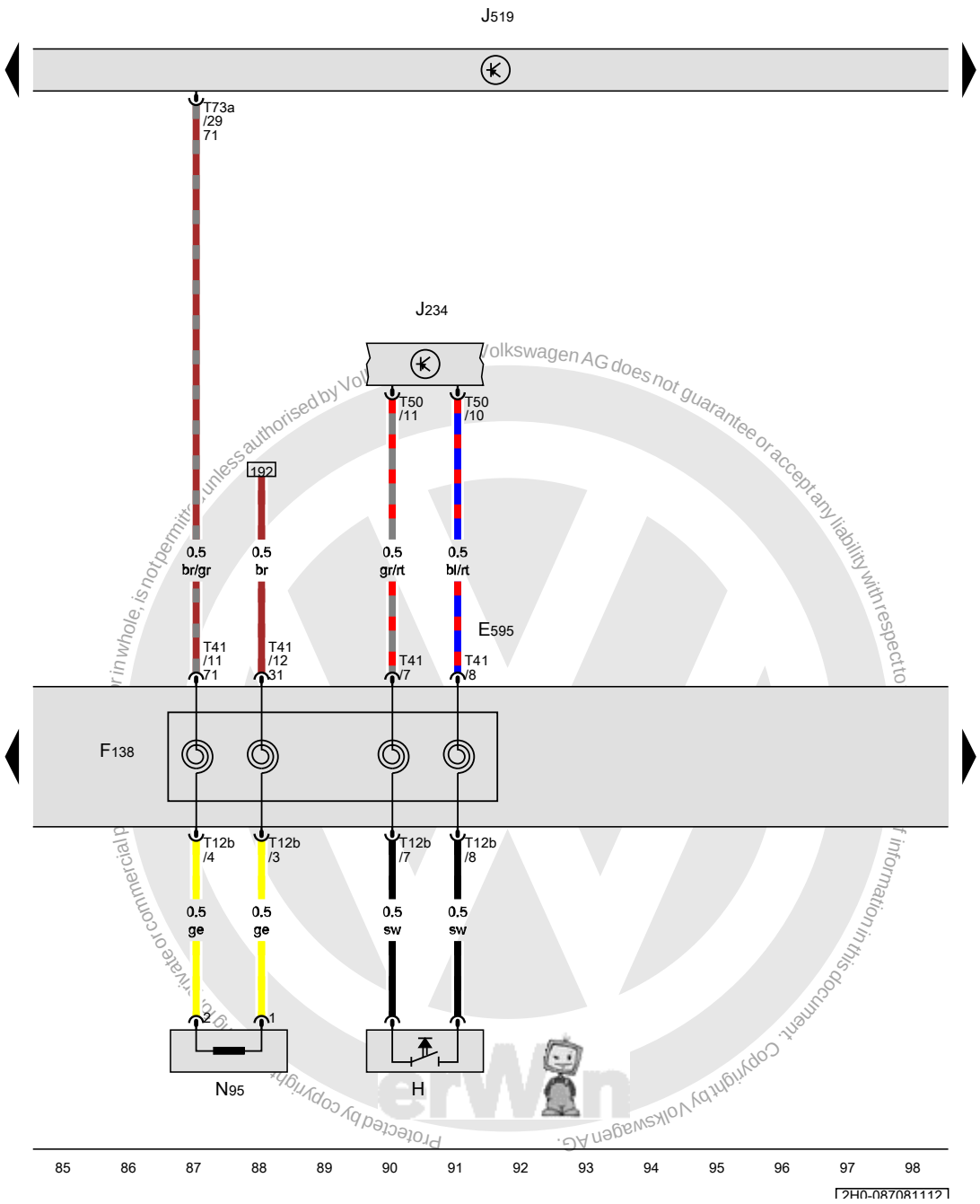

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rs = pink

Steering column combination switch, Airbag coil connector and return ring with slip ring, Horn plate, Airbag control unit

E595	Steering column combination switch
F138	Airbag coil connector and return ring with slip ring, on steering wheel
H	Horn plate
J234	Airbag control unit
J519	Onboard supply control unit
N95	Driver side airbag igniter
T12b	12-pin connector, yellow
T41	41-pin connector, grey
T50	50-pin connector, yellow
T73a	73-pin connector, black

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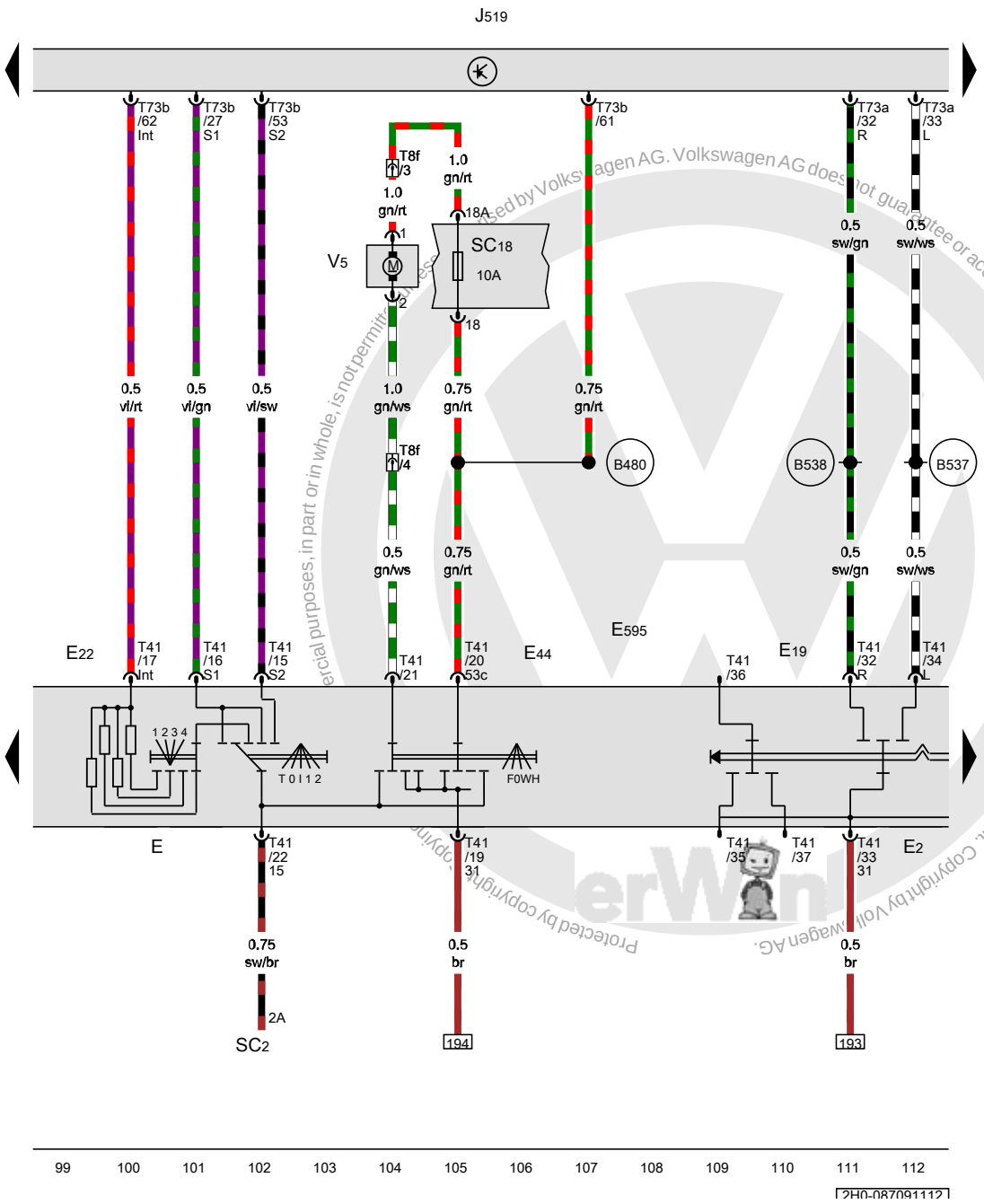

Turn signal switch, Intermittent wiper switch, Washer pump switch (automatic wash/wipe and headlight washer system), Steering column combination switch, Washer pump

E	Windscreen wiper switch
E2	Turn signal switch
E19	Parking light switch
E22	Intermittent wiper switch
E44	Washer pump switch (automatic wash/wipe and headlight washer system)
E595	Steering column combination switch
J519	Onboard supply control unit
SC2	Fuse 2 on fuse holder C
SC18	Fuse 18 on fuse holder C
T8f	8-pin connector, in rear left of engine compartment, black
T41	41-pin connector, grey
T73a	73-pin connector, black
T73b	73-pin connector, colourless
V5	Washer pump
B480	Connection 16, in main wiring harness
B537	Connection 28, in main wiring harness
B538	Connection 29, in main wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
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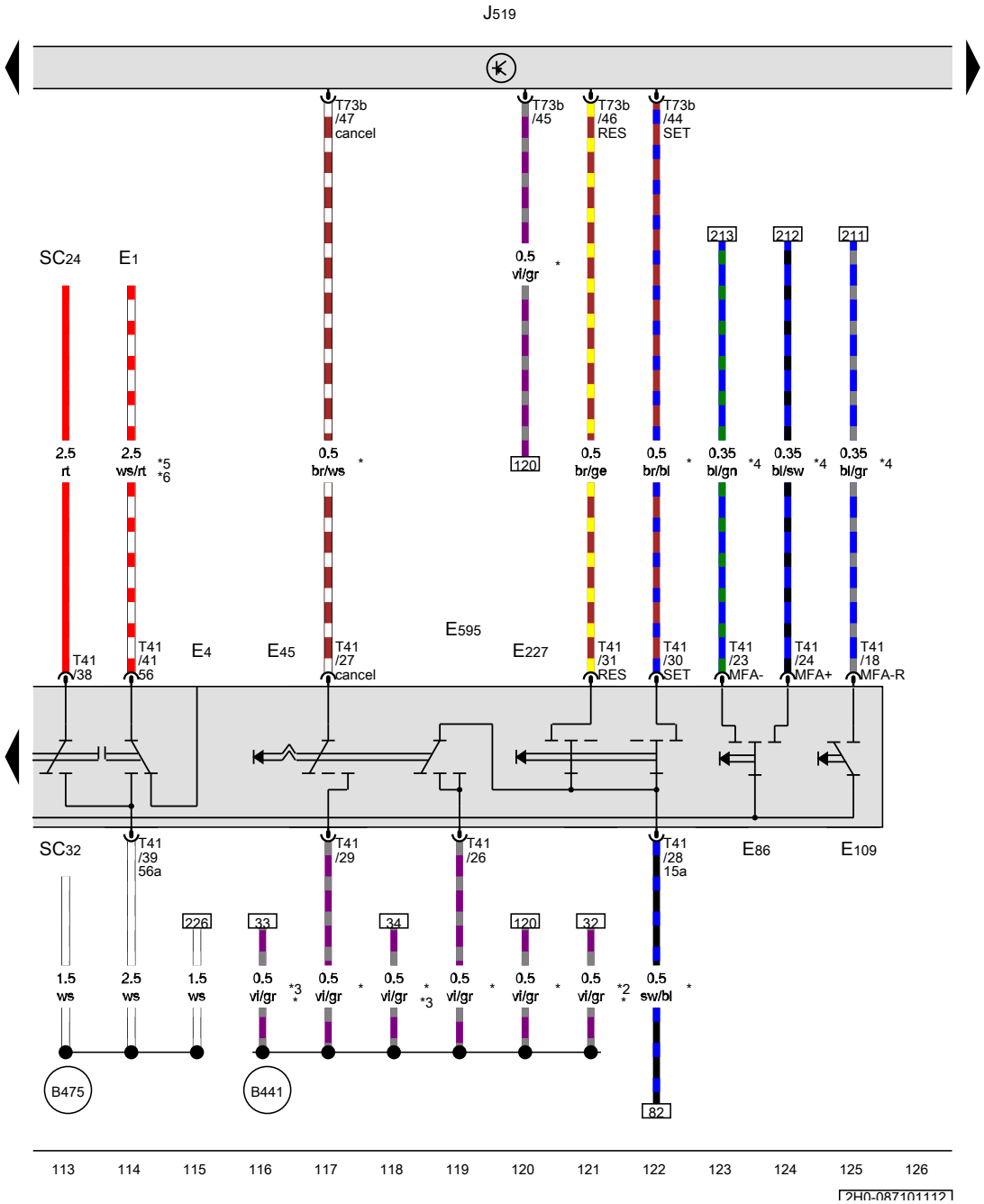

Light switch, Headlight dipper and flasher switch, Cruise control system switch, Multifunction display call-up button, Multifunction display memory switch, Steering column combination switch

E1	Light switch
E4	Headlight dipper and flasher switch
E45	Cruise control system switch
E86	Multifunction display call-up button
E109	Multifunction display memory switch
E227	Cruise control system (CCS) SET button
E595	Steering column combination switch
J519	Onboard supply control unit
SC24	Fuse 24 on fuse holder C
SC32	Fuse 32 on fuse holder C
T41	41-pin connector, grey
T73b	73-pin connector, colourless
B441	Connection (CCS), in main wiring harness
B475	Connection 11, in main wiring harness
*	Only models with cruise control system (CCS)
*2	Only models with petrol engine
*3	Only models with diesel engine
*4	Only models with multifunction display
*5	see applicable current flow diagram for exterior lighting
*6	Only models with no automatic headlight control with coming home

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
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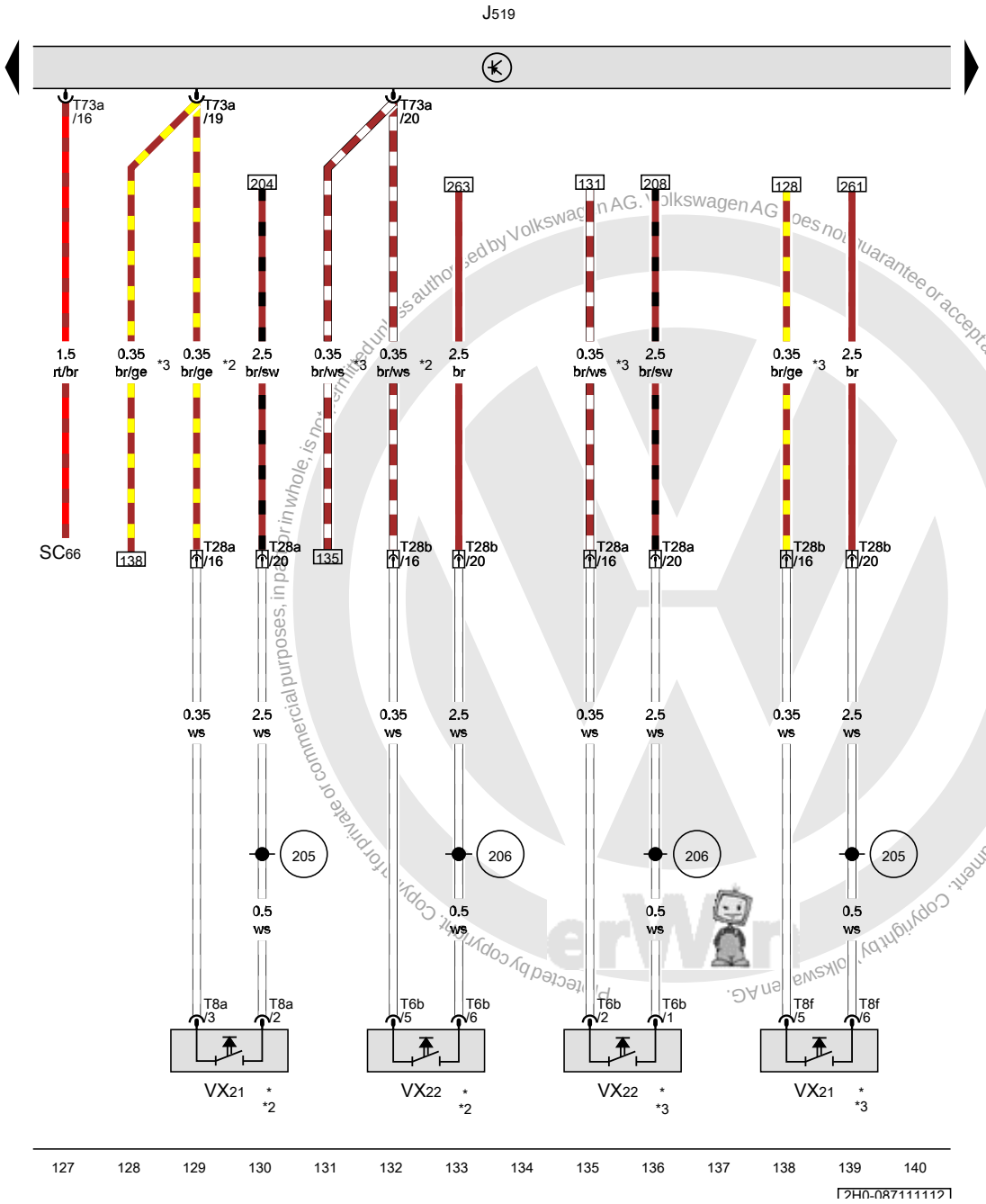

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ro = red
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Driver door lock unit, Front passenger door lock unit

J519	Onboard supply control unit
SC66	Fuse 66 on fuse holder C
T6b	6-pin connector, black
T8a	8-pin connector, black
T8f	8-pin connector, black
T28a	28-pin connector, on left A-pillar, grey
T28b	28-pin connector, on right A-pillar, grey
T73a	73-pin connector, black
VX21	Driver door lock unit
VX22	Front passenger door lock unit
205	Earth connection, in driver door wiring harness
206	Earth connection, in front passenger door wiring harness
*	Only models with no central locking
*2	Only left-hand drive models
*3	Only right-hand drive models

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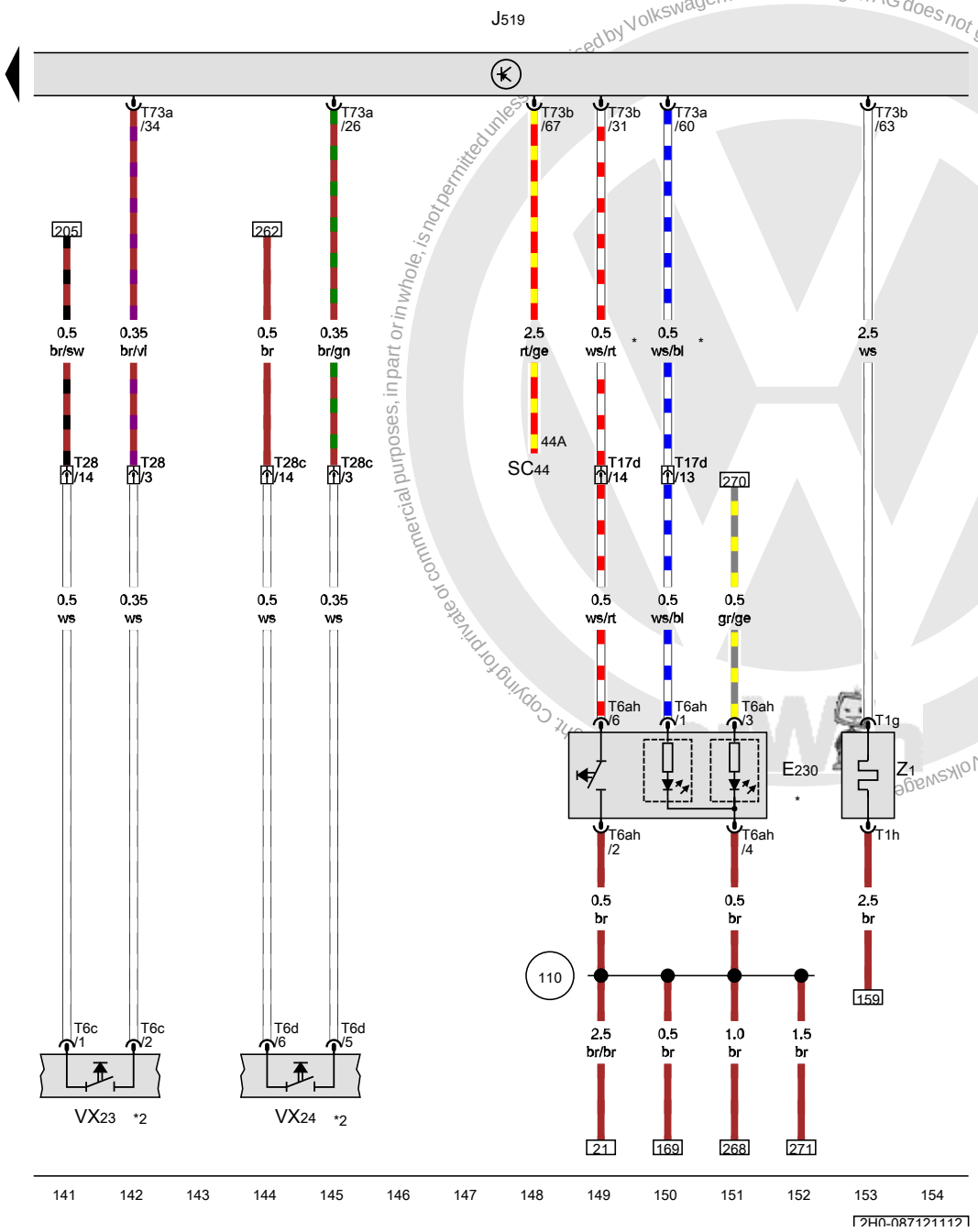

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Heated rear window button, Rear left door lock unit, Rear right door lock unit, Heated rear window

E230	Heated rear window button, near radio
J519	Onboard supply control unit
SC44	Fuse 44 on fuse holder C
T1g	Single connector, black
T1h	Single connector, black
T6ah	6-pin connector, brown
T6c	6-pin connector, black
T6d	6-pin connector, grey
T17d	17-pin connector, on left under dash panel, green
T28	28-pin connector, on left B-pillar, grey
T28c	28-pin connector, on right B-pillar, grey
T73a	73-pin connector, black
T73b	73-pin connector, colourless
VX23	Rear left door lock unit
VX24	Rear right door lock unit
Z1	Heated rear window
(110)	Earth connection 2, in dash panel wiring harness
*	Only models with no air conditioning system/Climatronic
*2	Only models with no central locking

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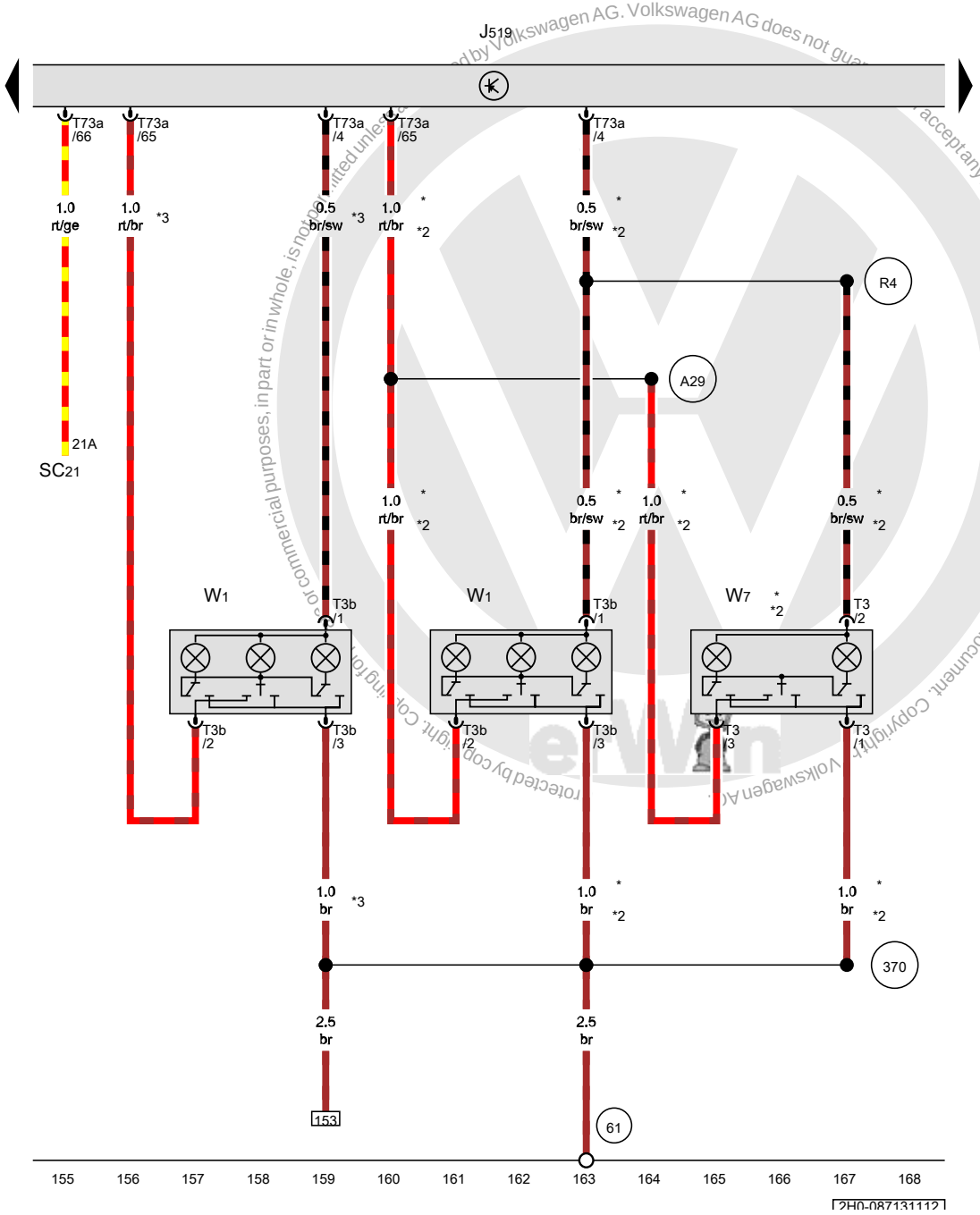

Front interior light, Centre interior light

J519	Onboard supply control unit
SC21	Fuse 21 on fuse holder C
T3	3-pin connector, black
T3b	3-pin connector, black
T73a	73-pin connector, black
W1	Front interior light
W7	Centre interior light
61	Earth point, left C-pillar
370	Earth connection 5, in main wiring harness
A29	Connection (interior light), in dash panel wiring harness
R4	Connection 1, in interior light/door contact switch wiring harness
*	Only models with double cab
*2	Only models with Highline equipment
*3	Only models with basic equipment

ws	=	white
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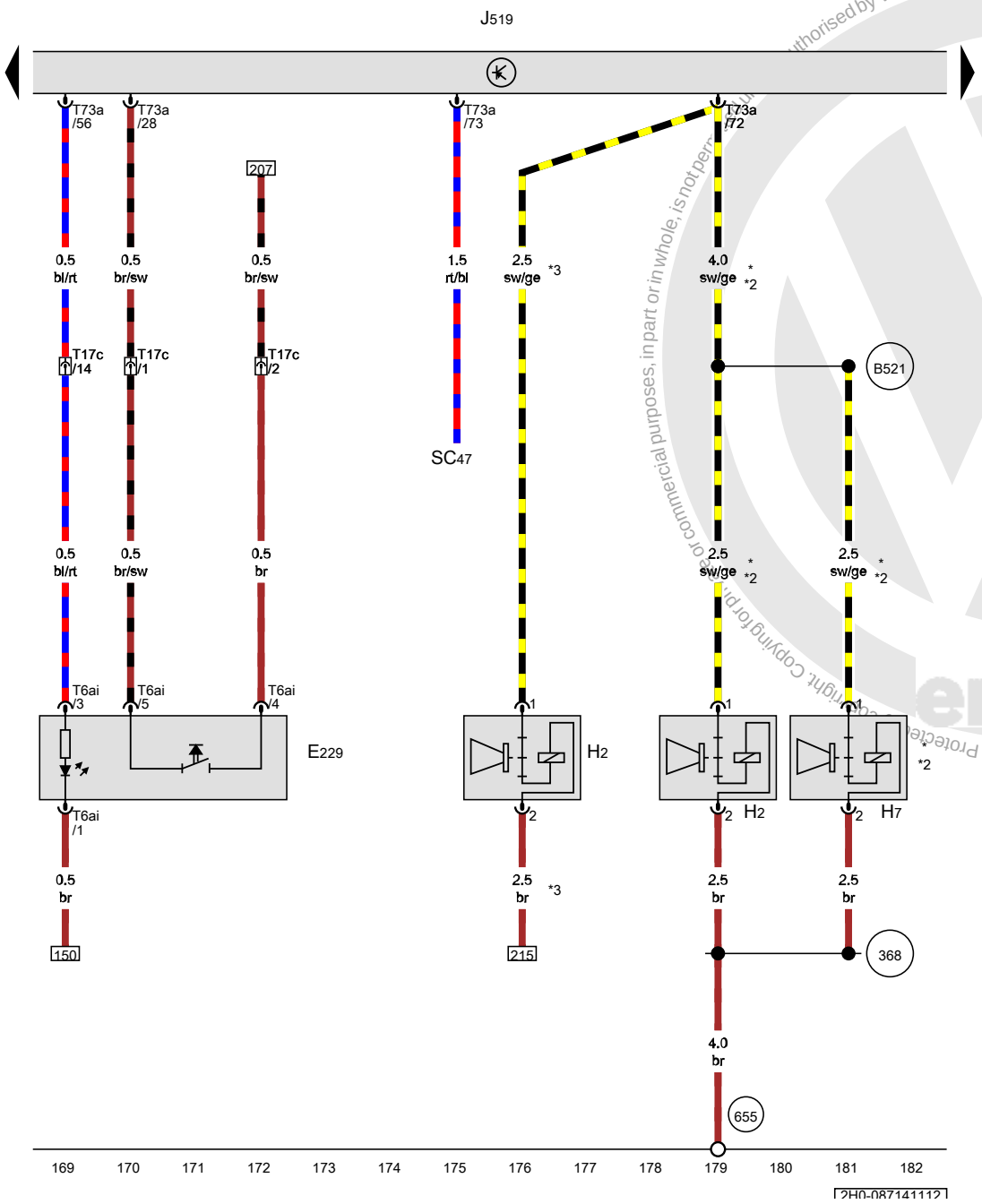

Hazard warning lights button, Treble horn, Bass horn

E229	Hazard warning lights button, near radio
H2	Treble horn
H7	Bass horn
J519	Onboard supply control unit
SC47	Fuse 47 on fuse holder C
T6ai	6-pin connector, black, red
T17c	17-pin connector, on left under dash panel, white
T73a	73-pin connector, black
368	Earth connection 3, in main wiring harness
655	Earth point, on left headlight
B521	Connection (dual tone horn), in main wiring harness
*	Only models with Highline equipment
*2	Only models with Trendline equipment
*3	Only models with basic equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
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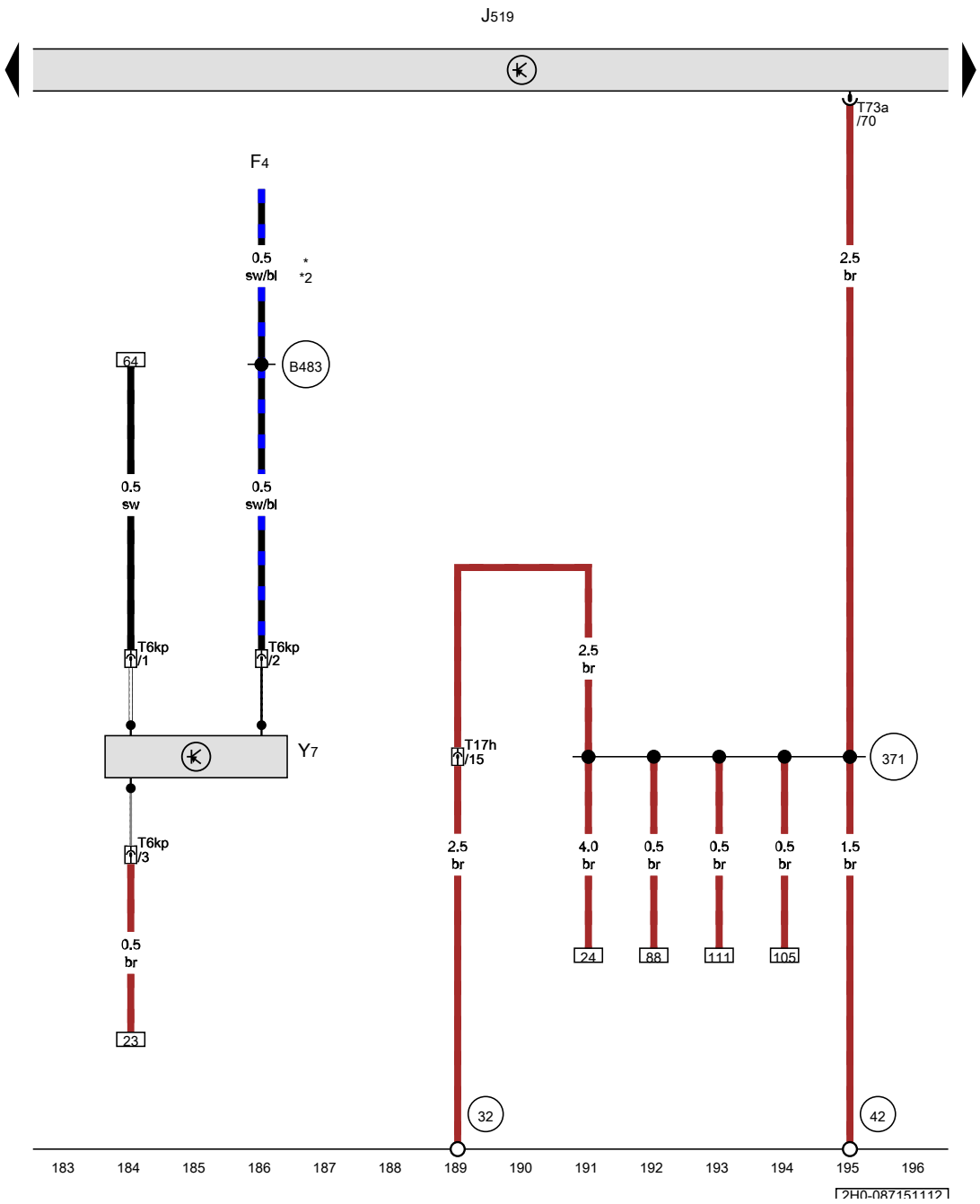

F4	Reversing light switch
J519	Onboard supply control unit
T6kp	6-pin connector, on interior mirror, black
T17h	17-pin connector, on left under dash panel, blue
T73a	73-pin connector, black
Y7	Automatic anti-dazzle interior mirror, on interior mirror
32	Earth point, on left behind dash panel
42	Earth point, next to steering column
371	Earth connection 6, in main wiring harness
B483	Connection 19, in main wiring harness
*	see applicable current flow diagram for exterior lighting
*2	Only models with automatic driving lights control

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ro	=	red
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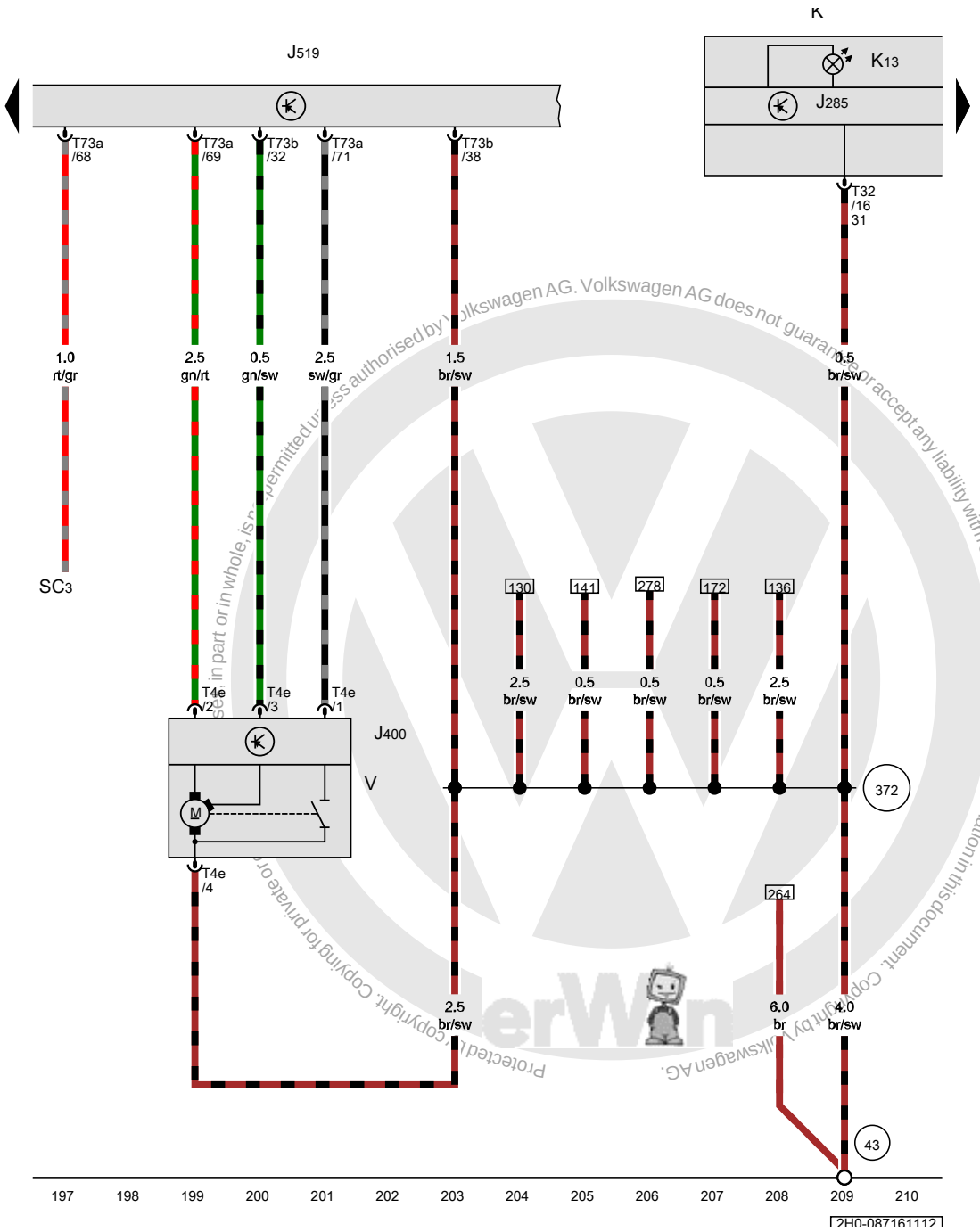

Dash panel insert, Windscreen wiper motor

J285	Control unit in dash panel insert
J400	Wiper motor control unit
J519	Onboard supply control unit
K	Dash panel insert
K13	Rear fog light warning lamp
SC3	Fuse 3 on fuse holder C
T4e	4-pin connector, black
T32	32-pin connector, blue
T73a	73-pin connector, black
T73b	73-pin connector, colourless
V	Windscreen wiper motor
43	Earth point, lower part of right A-pillar
372	Earth connection 7, in main wiring harness

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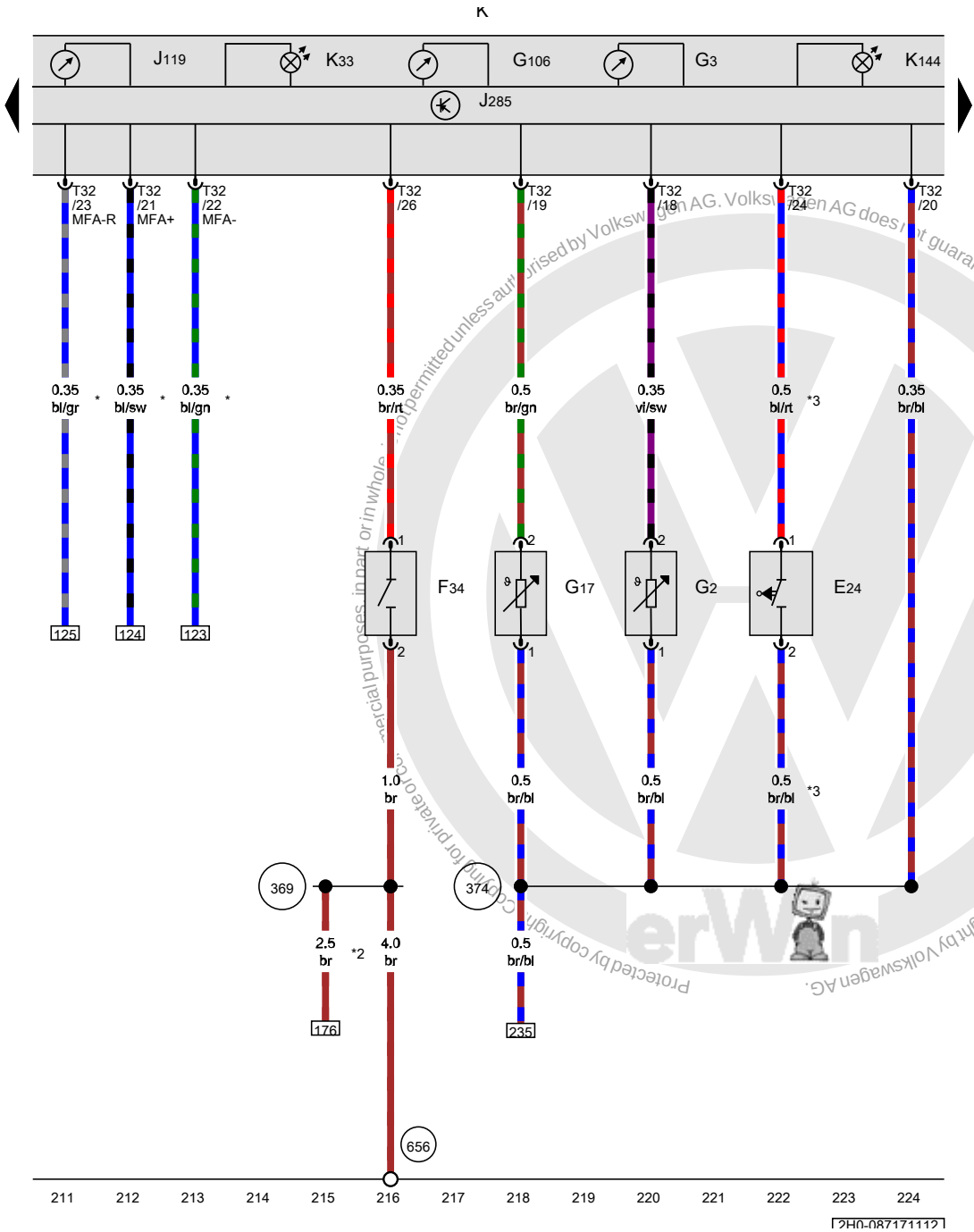

Driver side belt switch, Brake fluid level warning contact, Coolant temperature display sender, Coolant temperature gauge, Ambient temperature sensor, Ambient temperature indicator, Multifunction indicator, Dash panel insert, Brake fluid level warning lamp, Driver side airbag deactivated warning lamp

E24	Driver side belt switch
F34	Brake fluid level warning contact
G2	Coolant temperature display sender
G3	Coolant temperature gauge
G17	Ambient temperature sensor
G106	Ambient temperature indicator
J119	Multifunction indicator
J285	Control unit in dash panel insert
K	Dash panel insert
K33	Brake fluid level warning lamp
K144	Driver side airbag deactivated warning lamp
T32	32-pin connector, blue
369	Earth connection 4, in main wiring harness
374	Earth connection 9, in main wiring harness
656	Earth point, on right headlight, on right on bulkhead
*	Only models with multifunction display
*2	Only models with basic equipment
*3	Only models with no airbag

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gn	=	green
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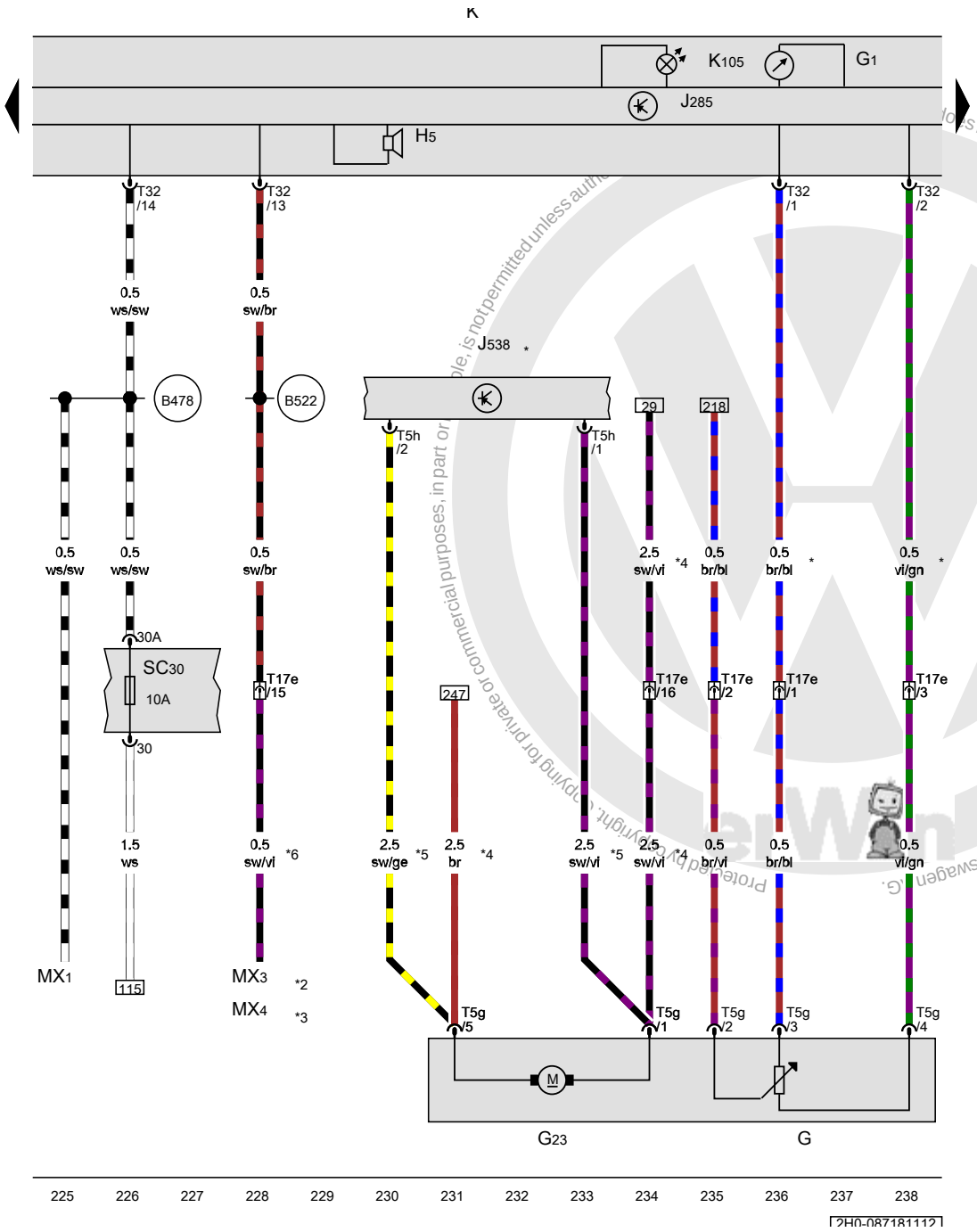

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Fuel gauge, Fuel pump, Ignition and starter key warning system buzzer and gong, Fuel pump control unit, Dash panel insert, Reserve fuel warning lamp

G	Fuel gauge sender
G1	Fuel gauge
G23	Fuel pump
H5	Ignition and starter key warning system buzzer and gong
J285	Control unit in dash panel insert
J538	Fuel pump control unit
K	Dash panel insert
K105	Reserve fuel warning lamp
MX1	Front left headlight
MX3	Left tail light
MX4	Right tail light
SC30	Fuse 30 on fuse holder C
T5g	5-pin connector, black
T5h	5-pin connector, black
T17e	17-pin connector, near handbrake lever, red
T32	32-pin connector, blue
B478	Connection 14, in main wiring harness
B522	Connection (FL), in main wiring harness
*	see applicable current flow diagram for engine
*2	Left-hand drive models
*3	Only right-hand drive models
*4	Only models with diesel engine
*5	Only models with petrol engine
*6	Only models with no towing bracket

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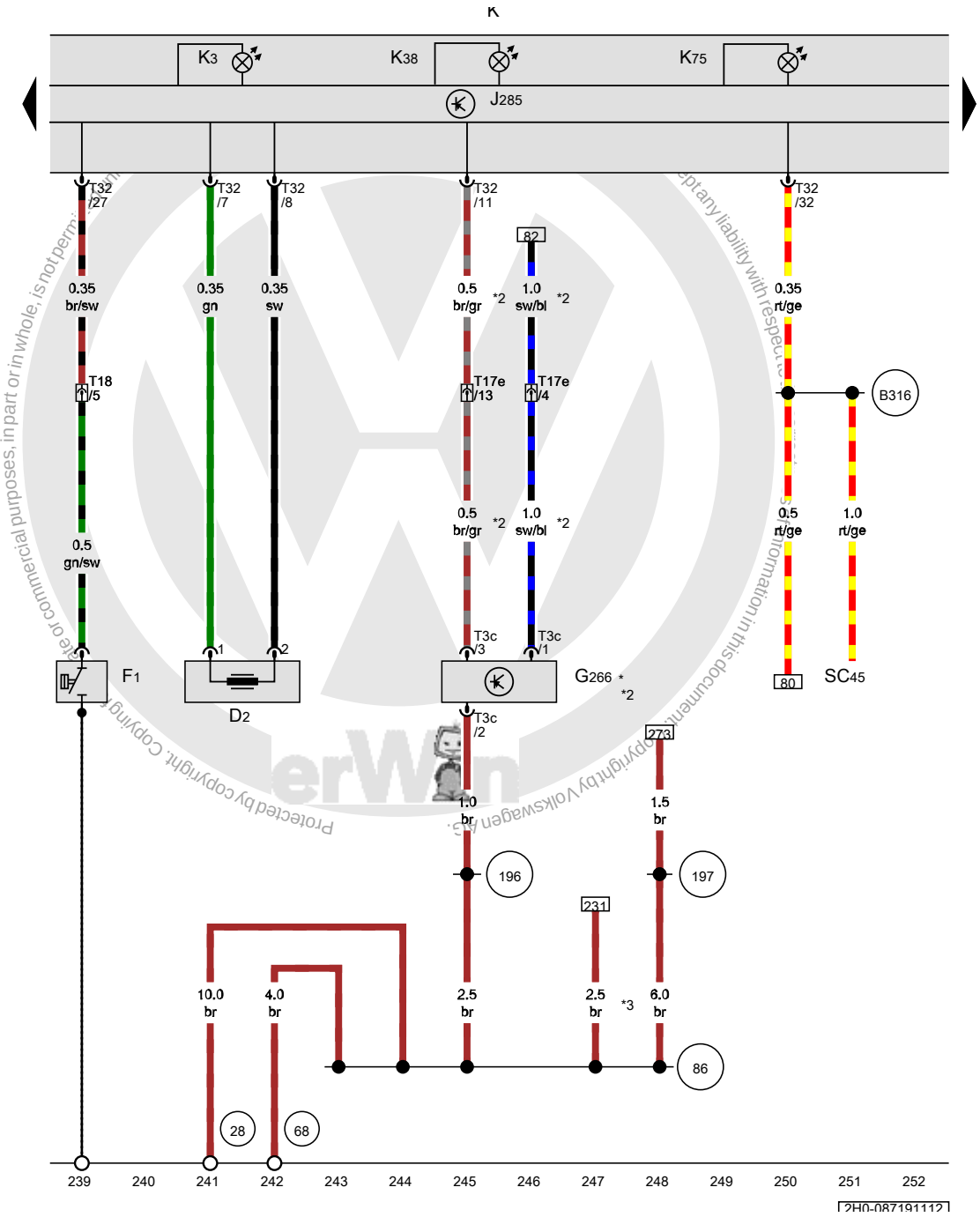

Immobiliser reader coil, Oil pressure switch, Oil level and oil temperature sender, Dash panel insert, Oil pressure warning lamp, Oil level warning lamp

D2	Immobiliser reader coil, on ignition/starter switch
F1	Oil pressure switch
G266	Oil level and oil temperature sender
J285	Control unit in dash panel insert
K	Dash panel insert
K3	Oil pressure warning lamp
K38	Oil level warning lamp
K75	Airbag warning lamp
SC45	Fuse 45 on fuse holder C
T3c	3-pin connector, black
T17e	17-pin connector, near handbrake lever, red
T18	18-pin connector, near engine control unit, black
T32	32-pin connector, blue
28	Earth point, on bulkhead
68	Earth point, on left of rear cross member
86	Earth connection 1, in rear wiring harness
196	Earth connection 3, in rear wiring harness
197	Earth connection 4, in rear wiring harness
B316	Positive connection 2 (30a) in main wiring harness
*	see applicable current flow diagram for engine
*2	Only models with Euro 5 emission standard
*3	Only models with diesel engine

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sw	=	black
ro	=	red
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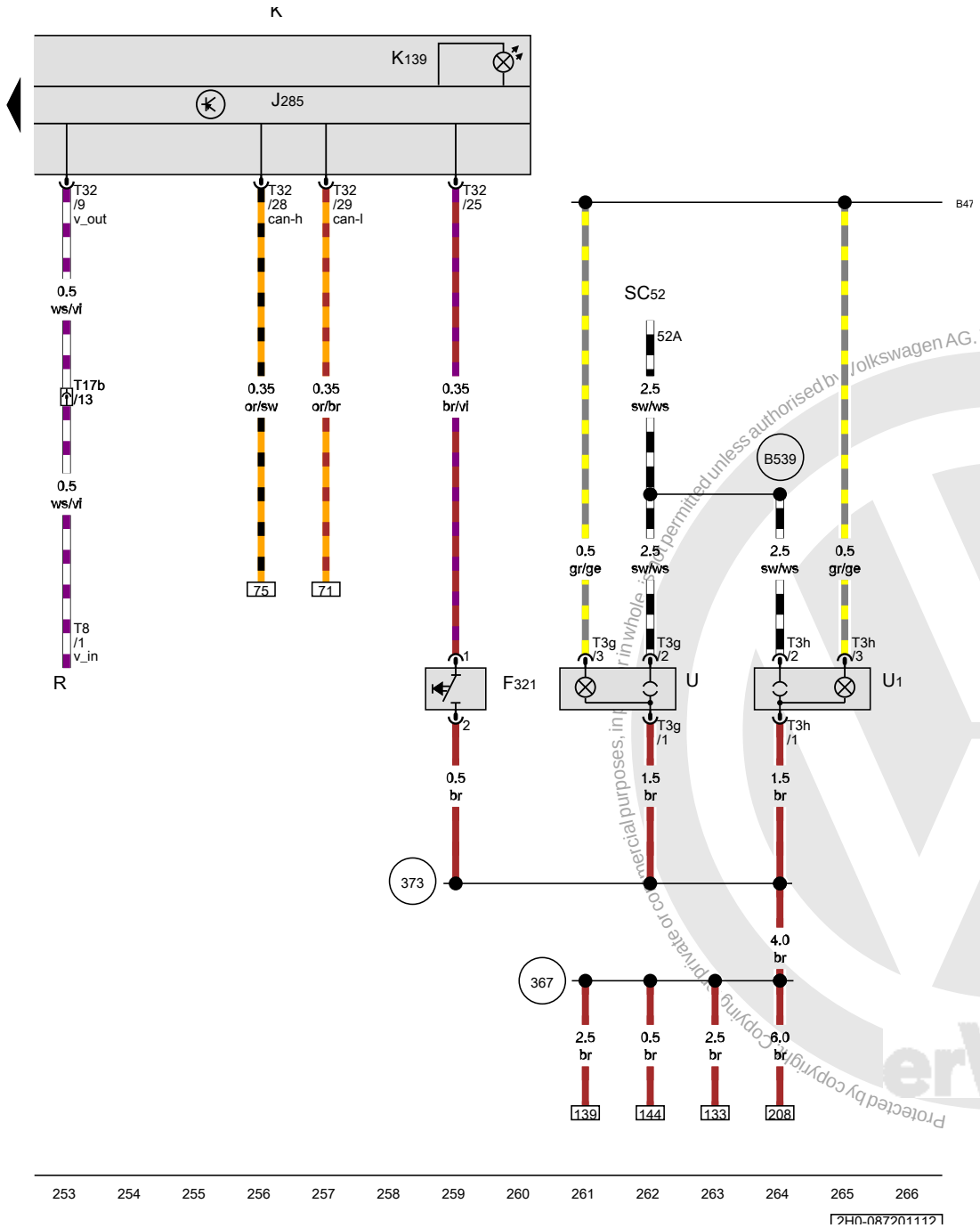

Parking brake contact switch, Dash panel insert, Radio, Electric socket, Cigarette lighter

F321	Parking brake contact switch
J285	Control unit in dash panel insert
K	Dash panel insert
K139	Handbrake warning lamp
R	Radio
SC52	Fuse 52 on fuse holder C
T3g	3-pin connector, grey
T3h	3-pin connector, transparent
T8	8-pin connector, brown
T17b	17-pin connector, on left under dash panel, brown
T32	32-pin connector, blue
U	Electric socket, on centre console switch module
U1	Cigarette lighter, on centre console switch module
367	Earth connection 2, in main wiring harness
373	Earth connection 8, in main wiring harness
B472	Connection 8, in main wiring harness
B539	Connection 30, in main wiring harness

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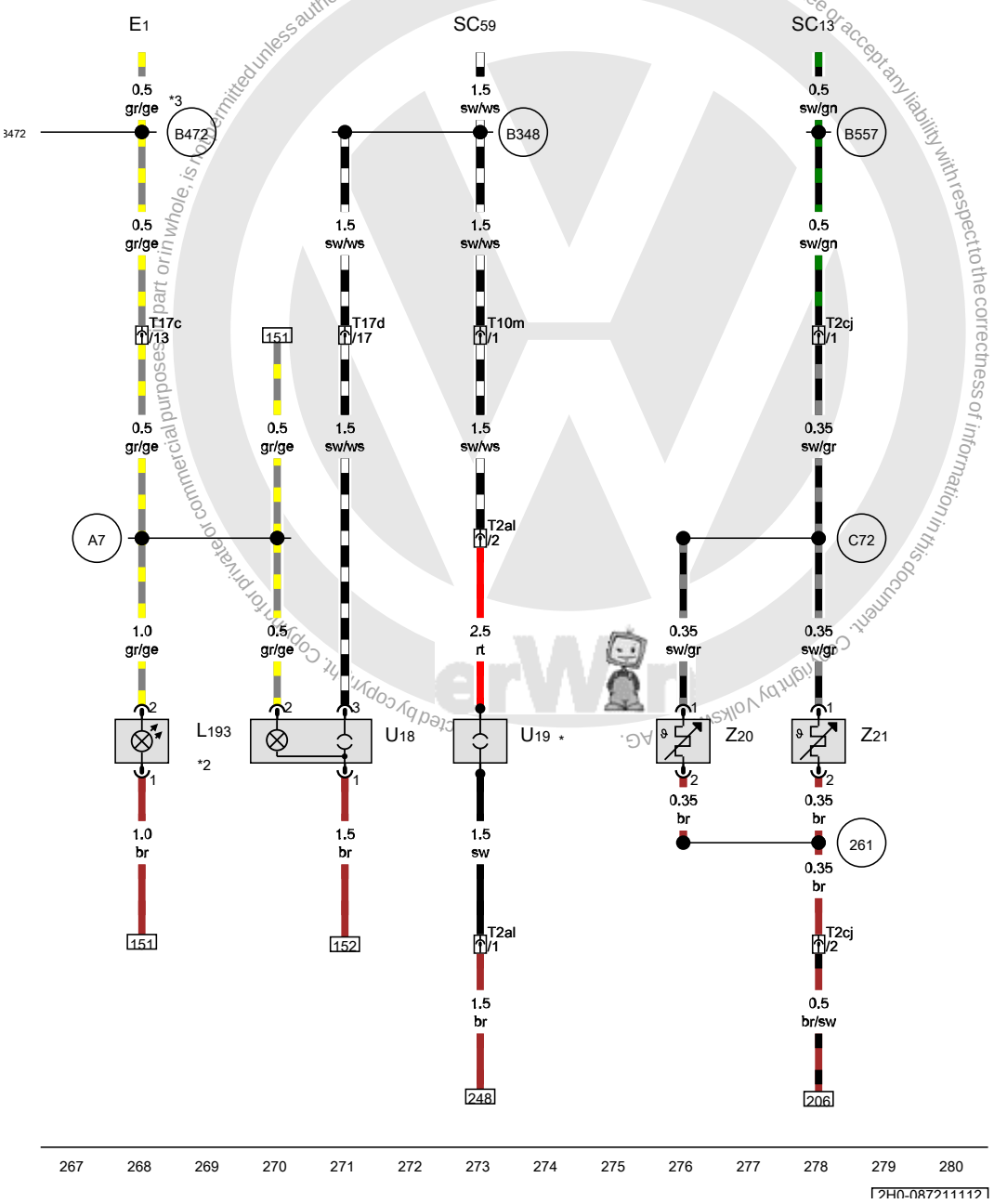

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Light switch, Light 1 for front centre console background lighting, 12 V socket 2, Left washer jet heater element

E1	Light switch
L193	Light 1 for front centre console background lighting, in centre console, under radio
SC13	Fuse 13 on fuse holder C
SC59	Fuse 59 on fuse holder C
T2al	2-pin connector, in rear left wheel housing, black
T2cj	2-pin connector, near window wiper motor, black
T10m	10-pin connector, near handbrake lever, brown
T17c	17-pin connector, on left under dash panel, white
T17d	17-pin connector, on left under dash panel, green
U18	12 V socket 2, in centre of dash panel, in storage compartment
U19	12 V socket 3, on left wheel housing
Z20	Left washer jet heater element
Z21	Right washer jet heater element
261	Earth connection, in heated washer jet wiring harness
A7	Positive connection (58 D1), in dash panel wiring harness
B348	Connection 1 (75a), in main wiring harness
B472	Connection 8, in main wiring harness
B557	Positive connection 21 (30a) in main wiring harness
C72	Positive connection in heated washer jet wiring harness
*	Special equipment
*2	Only models with Highline equipment
*3	see applicable current flow diagram

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Auxiliary coolant heater, supplementary heater, supplementary heater which can be operated independently

From January 2013

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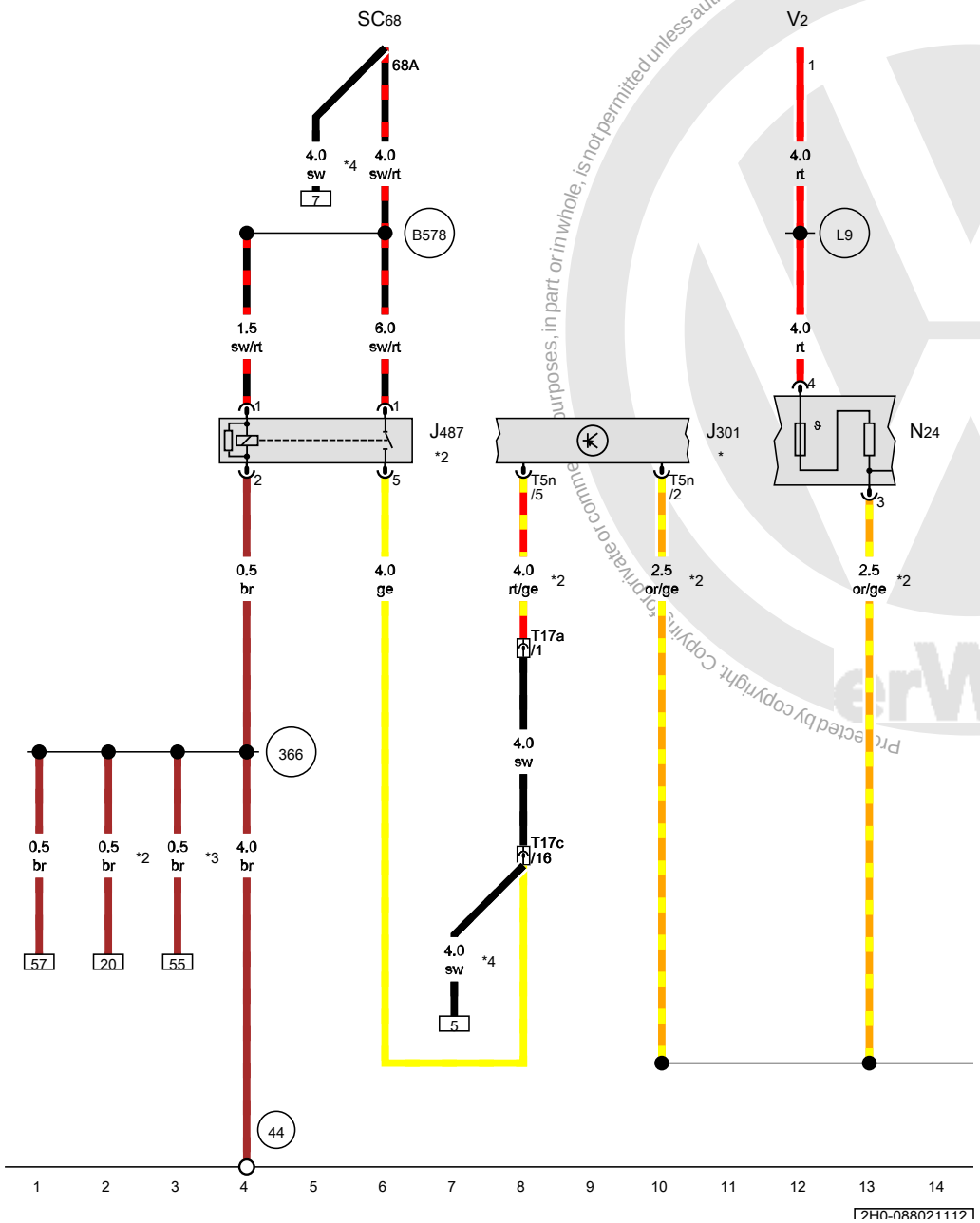

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J301	Air conditioning system control unit
J487	Fresh air blower isolation relay
N24	Fresh air blower series resistor with overheating fuse
SC68	Fuse 68 on fuse holder C
T5n	5-pin connector
T17a	17-pin connector, behind glove compartment, black
T17c	17-pin connector, on left under dash panel, white
V2	Fresh air blower
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
B578	Positive connection 2 (75), in interior wiring harness
L6	Connection 2, in evaporator housing unit wiring harness
L9	Connection 1, in air conditioning system wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Only models with Climatic
*3	Only models with remote controlled auxiliary coolant heater
*4	see applicable current flow diagram for manually controlled heater

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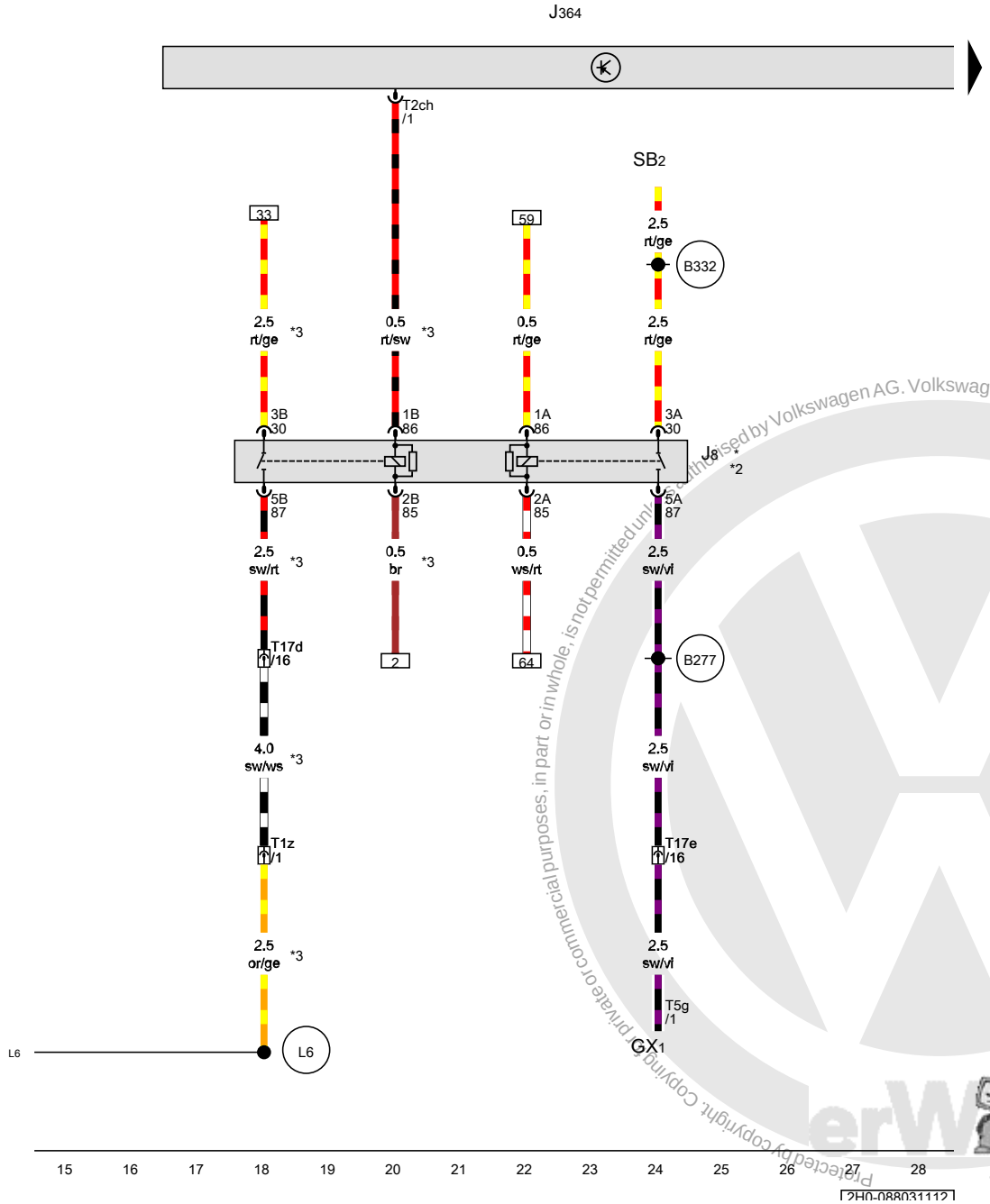

Auxiliary heater relay, Auxiliary heater control unit

GX1	Fuel delivery unit
J8	Auxiliary heater relay
J364	Auxiliary heater control unit
SB2	Fuse 2 on fuse holder B
T1z	Single connector, black
T2ch	2-pin connector, black
T5g	5-pin connector, black
T17d	17-pin connector, on left under dash panel, red
T17e	17-pin connector, near handbrake lever, red
B277	Positive connection 1 (15a) in main wiring harness
B332	Positive connection 18 (30a) in main wiring harness
L6	Connection 2, in evaporator housing unit wiring harness
*	Only models with diesel engine
*2	Only models with auxiliary coolant heater
*3	Only models with Climatic

ws	=	white
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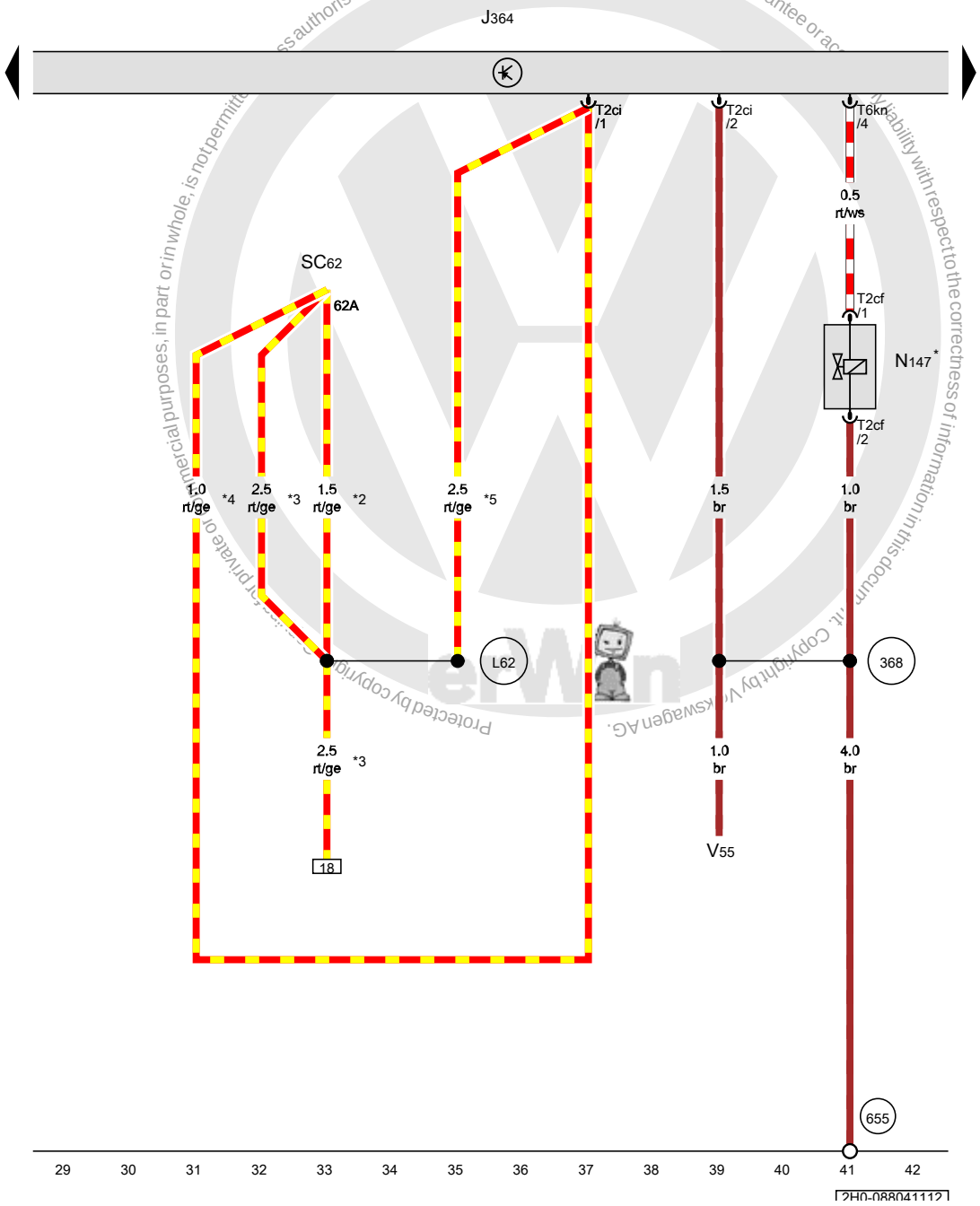

Auxiliary heater control unit, 2-way valve for coolant shut-off valve, Circulation pump

J364	Auxiliary heater control unit
N147	2-way valve for coolant shut-off valve, front left in engine compartment
SC62	Fuse 62 on fuse holder C
T2cf	2-pin connector, black
T2ci	2-pin connector
T6kn	6-pin connector, black
V55	Circulation pump
368	Earth connection 3, in main wiring harness
655	Earth point, on left headlight
L62	Positive connection (30a), in auxiliary heater wiring harness
*	Only models with auxiliary coolant heater
*2	Only models with Climatronic
*3	Only models with Climatic
*4	Only models with no air conditioning system/Climatronic
*5	Only models with air conditioning system/ Climatronic

ws	=	white
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br	=	brown
gn	=	green
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li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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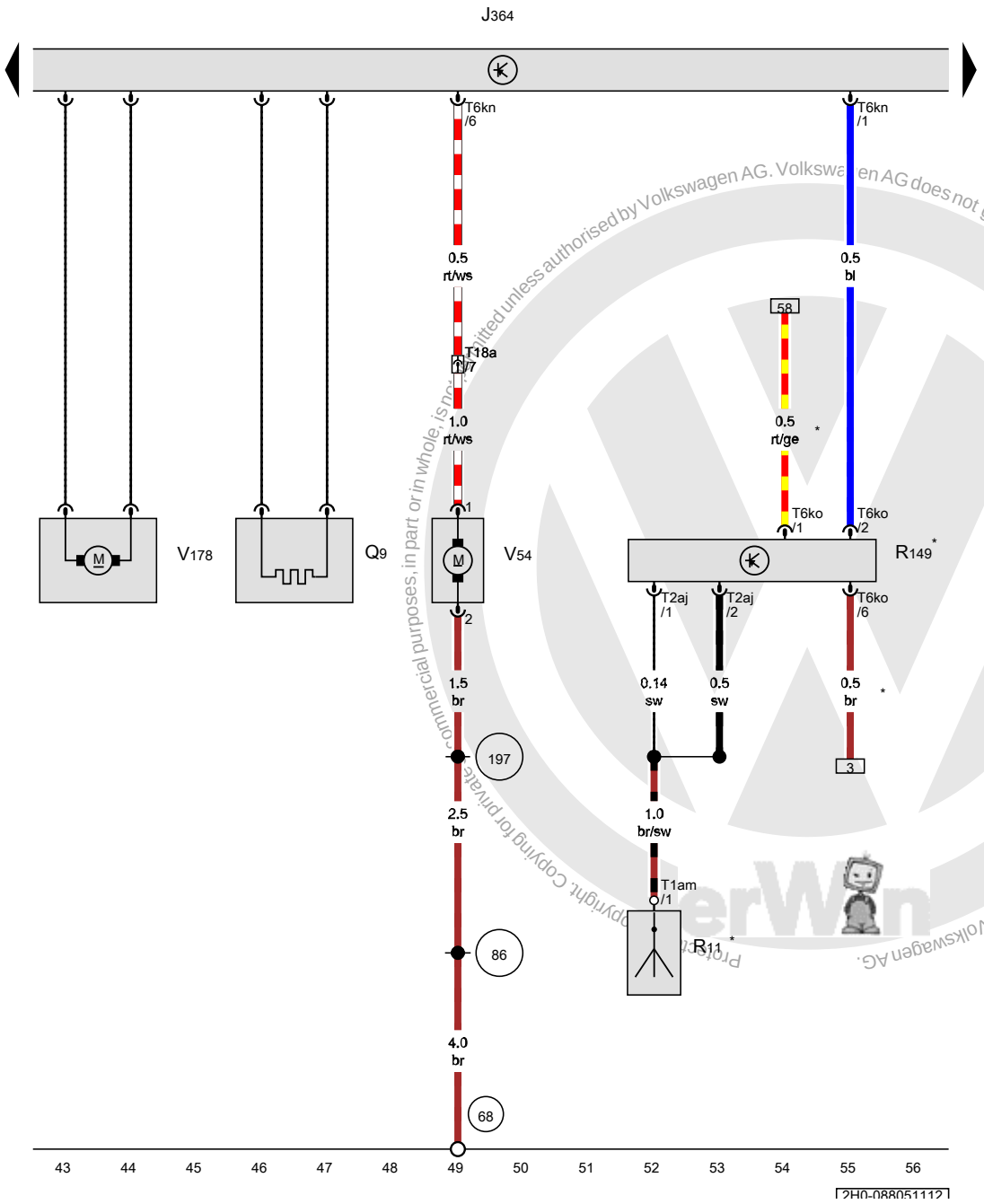

Auxiliary heater control unit, Glow plug for heater, Remote control receiver for auxiliary coolant heater, Metering pump

J364	Auxiliary heater control unit
Q9	Glow plug for heater
R11	Aerial
R149	Remote control receiver for auxiliary coolant heater, near lower part of right A-pillar
T1am	Single connector
T2aj	2-pin connector, light brown
T6kn	6-pin connector, black
T6ko	6-pin connector, blue
T18a	18-pin connector, grey
V54	Metering pump
V178	Coolant circulation pump 2
68	Earth point, on left of rear cross member
86	Earth connection 1, in rear wiring harness
197	Earth connection 4, in rear wiring harness
*	Only models with remote controlled auxiliary coolant heater

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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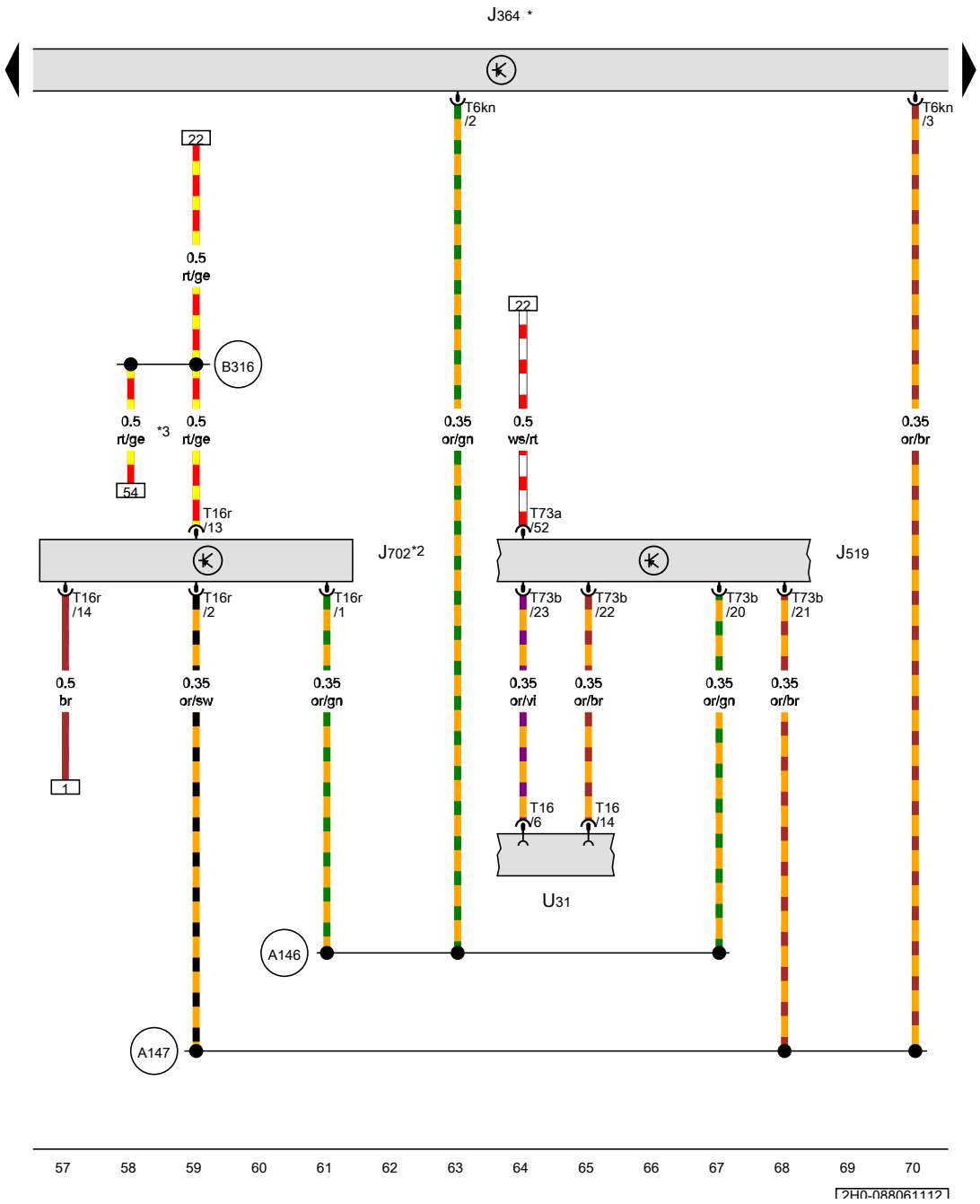

Auxiliary heater control unit, Onboard supply control unit, Roof display unit

J364	Auxiliary heater control unit
J519	Onboard supply control unit
J702	Roof display unit, near interior mirror
T6kn	6-pin connector, black
T16	16-pin connector, black
T16r	16-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, colourless
U31	Diagnostic connection
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
B316	Positive connection 2 (30a) in main wiring harness
*	Only models with diesel engine
*2	Only models with auxiliary coolant heater
*3	Only models with remote controlled auxiliary coolant heater

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
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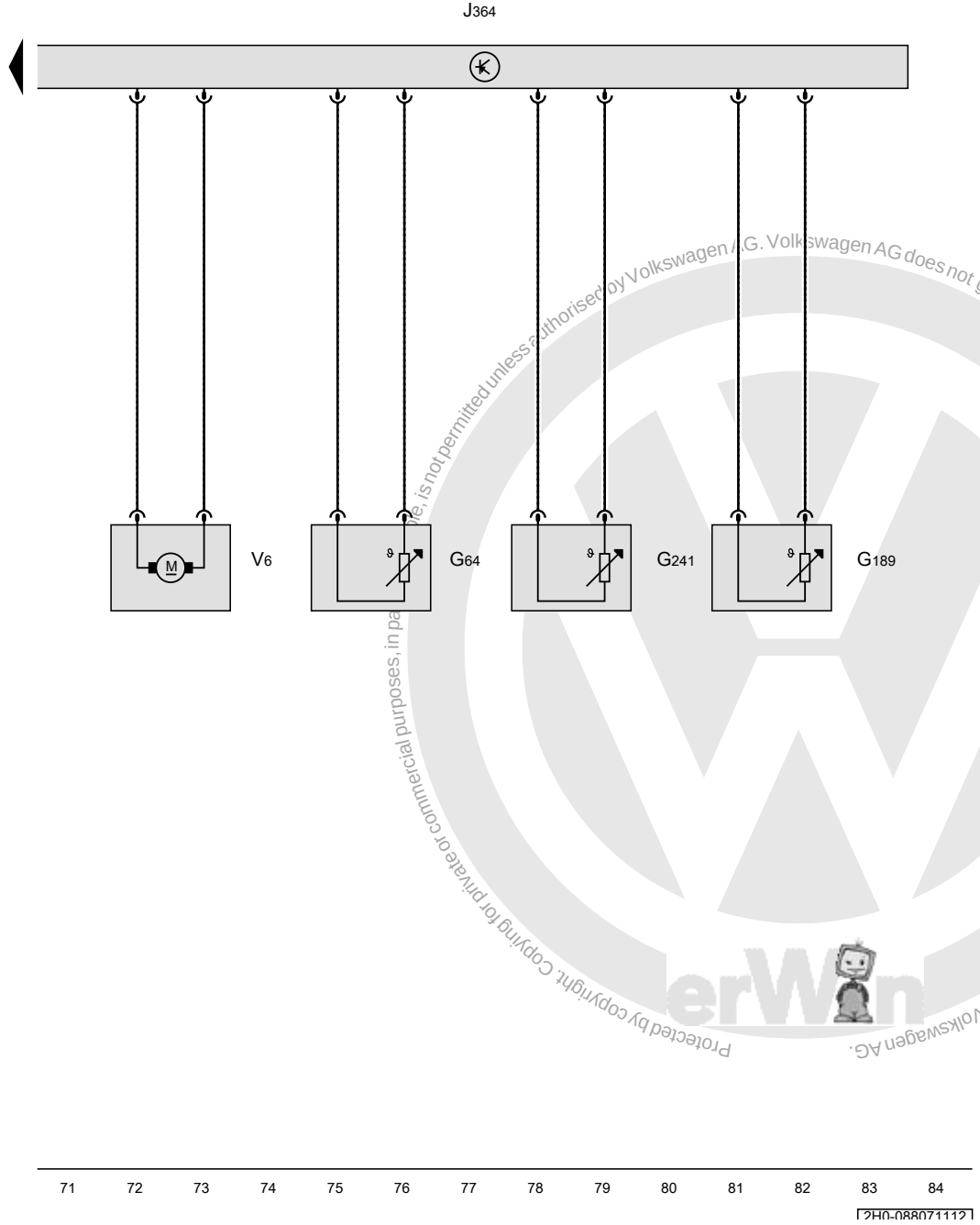
Flame monitor, Overheating sensor, Coolant temperature sender for heater, Auxiliary heater control unit, Combustion air blower

G64	Flame monitor
G189	Overheating sensor
G241	Coolant temperature sender for heater
J364	Auxiliary heater control unit
V6	Combustion air blower



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sw	=	black
ro	=	red
br	=	brown
gn	=	green
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or	=	orange
rs	=	pink

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Central locking, window regulators and mirror adjustment

From January 2013

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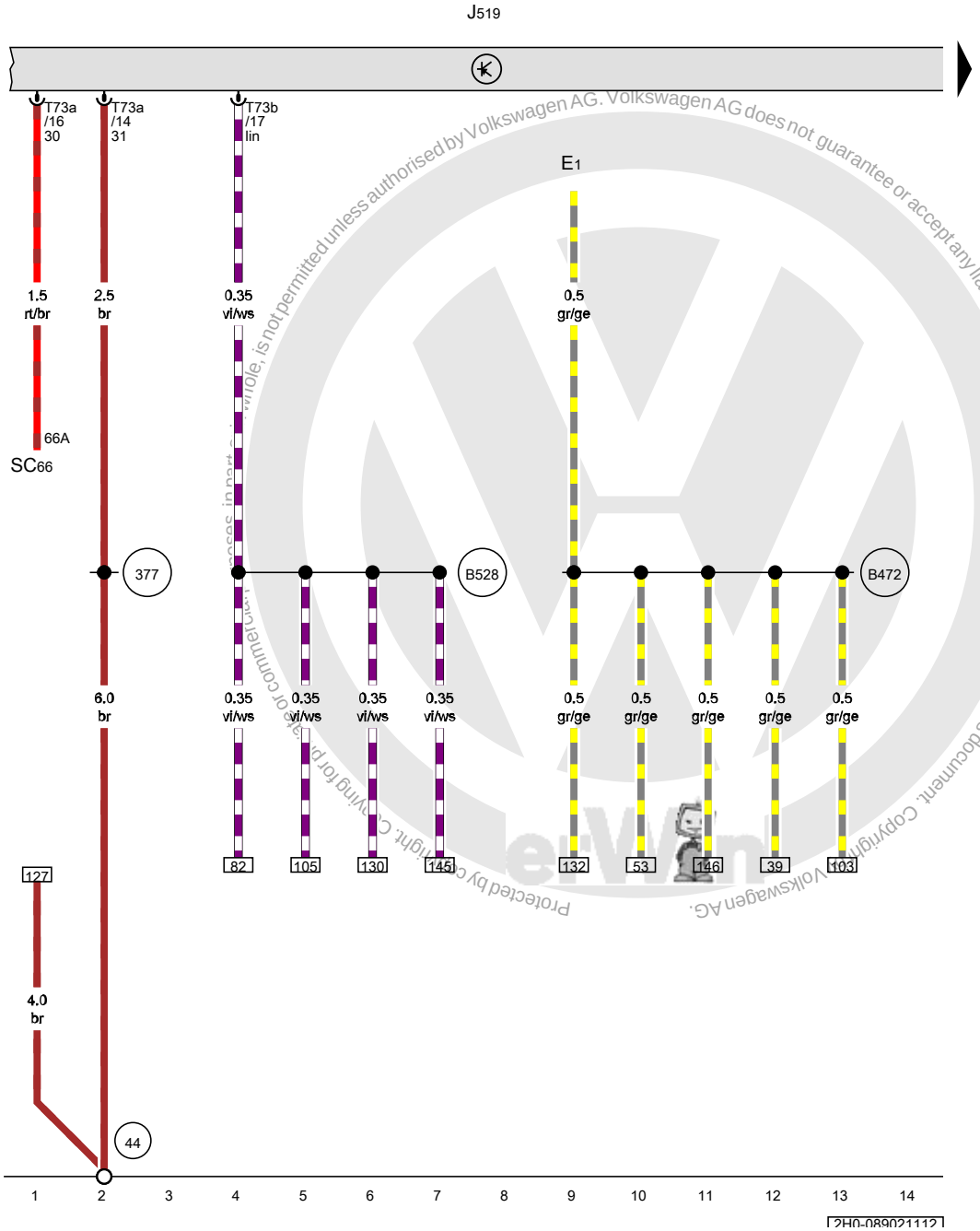

Light switch, Onboard supply control unit

E1	Light switch
J519	Onboard supply control unit, near driver side A-pillar
SC66	Fuse 66 on fuse holder C
T73a	73-pin connector, black
T73b	73-pin connector
44	Earth point, lower part of left A-pillar
377	Earth connection 12, in main wiring harness
B472	Connection 8, in main wiring harness
B528	Connection 1 (LIN bus) in main wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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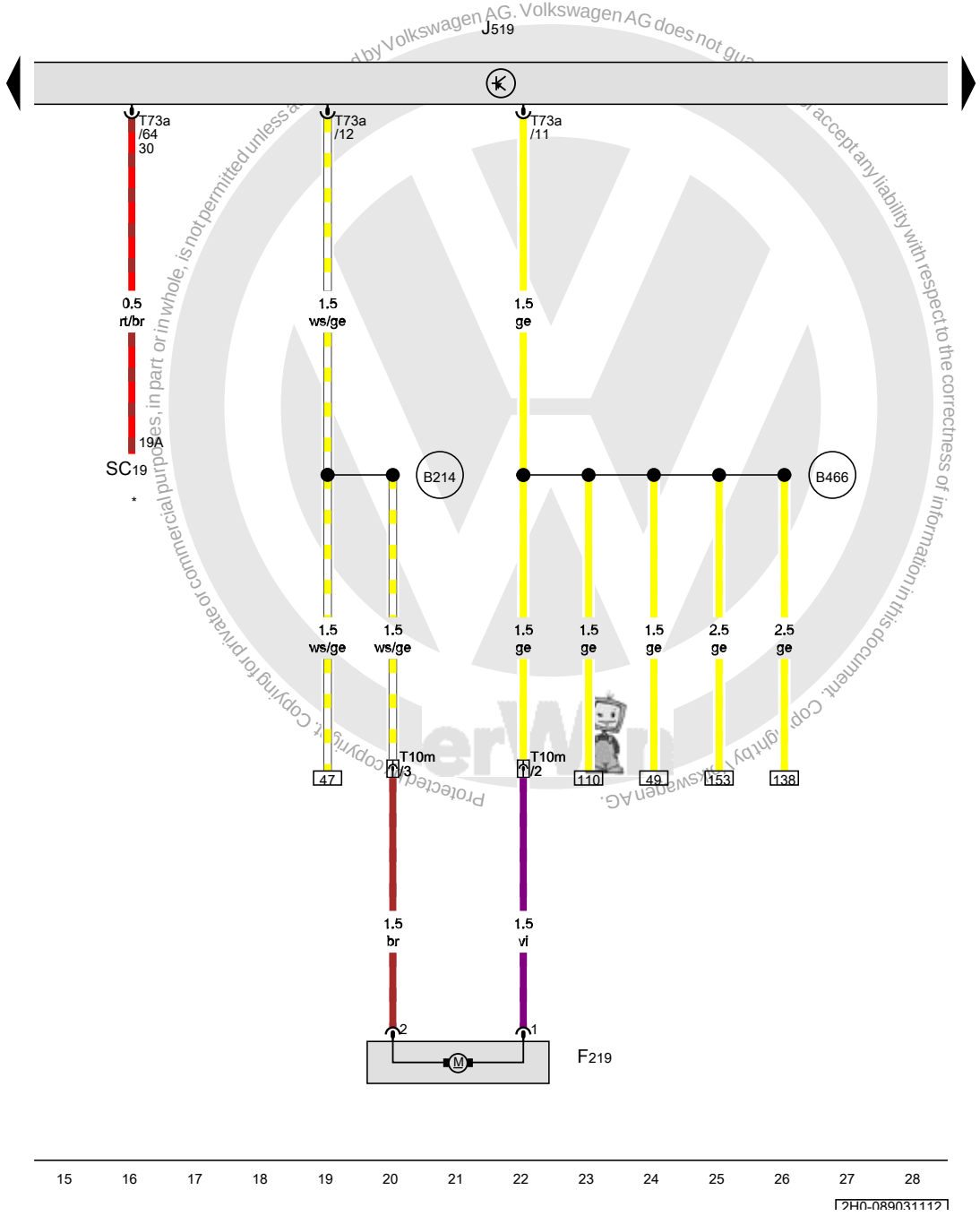

Fuel tank filler flap central locking actuator, Onboard supply control unit, Fuse 19 on fuse holder C

F219	Fuel tank filler flap central locking actuator
J519	Onboard supply control unit, near driver side A-pillar
SC19	Fuse 19 on fuse holder C
T10m	10-pin connector, near handbrake lever, brown
T73a	73-pin connector, black
B214	Connection 1 (central locking), in interior wiring harness
B466	Connection 2, in main wiring harness
*	Only models with heated exterior mirrors

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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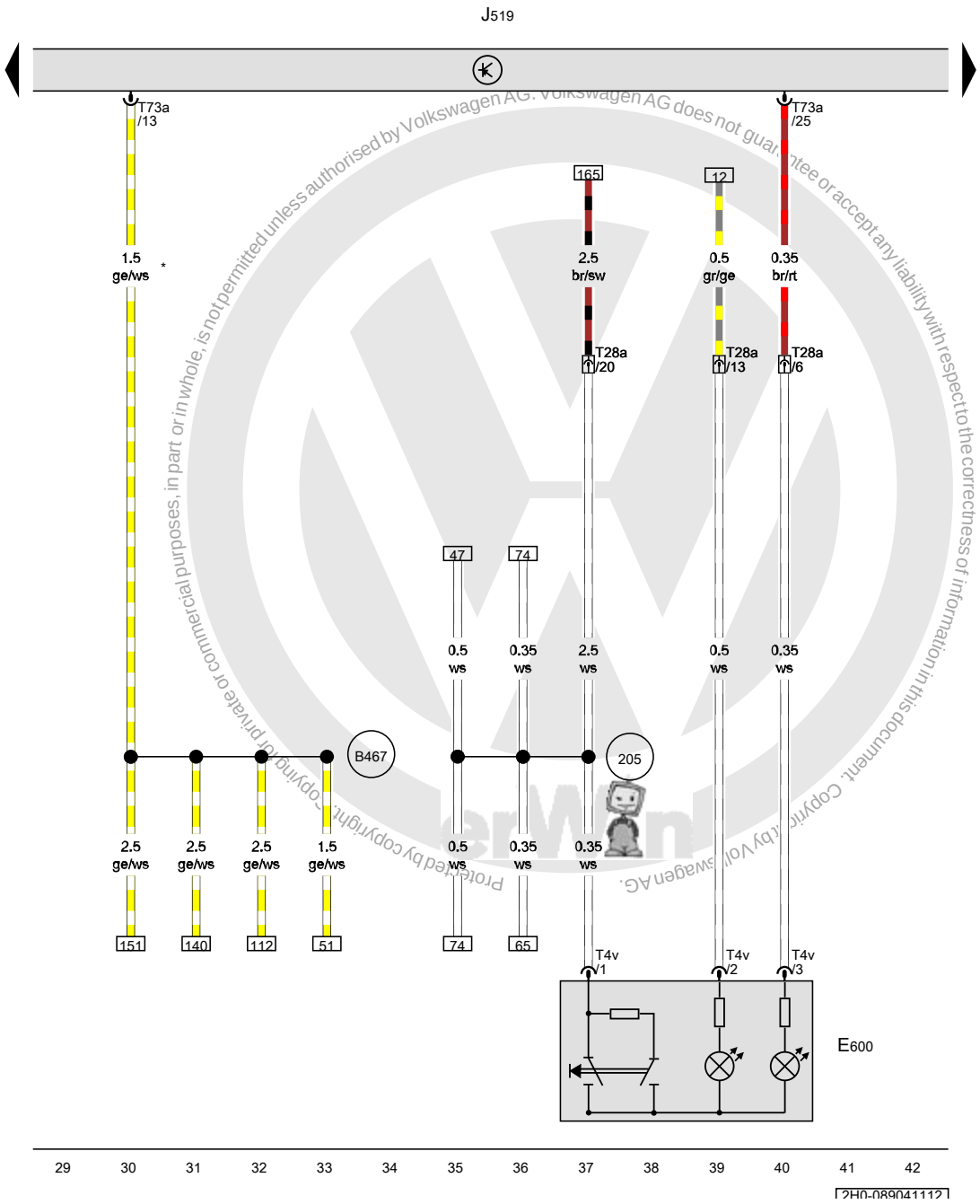

Central locking button, Onboard supply control unit

E600	Central locking button, in driver door
J519	Onboard supply control unit, near driver side A-pillar
T4v	4-pin connector, black
T28a	28-pin connector, on left A-pillar, black
T73a	73-pin connector, black
205	Earth connection, in driver door wiring harness
B467	Connection 3, in main wiring harness
*	Only models with double cab

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
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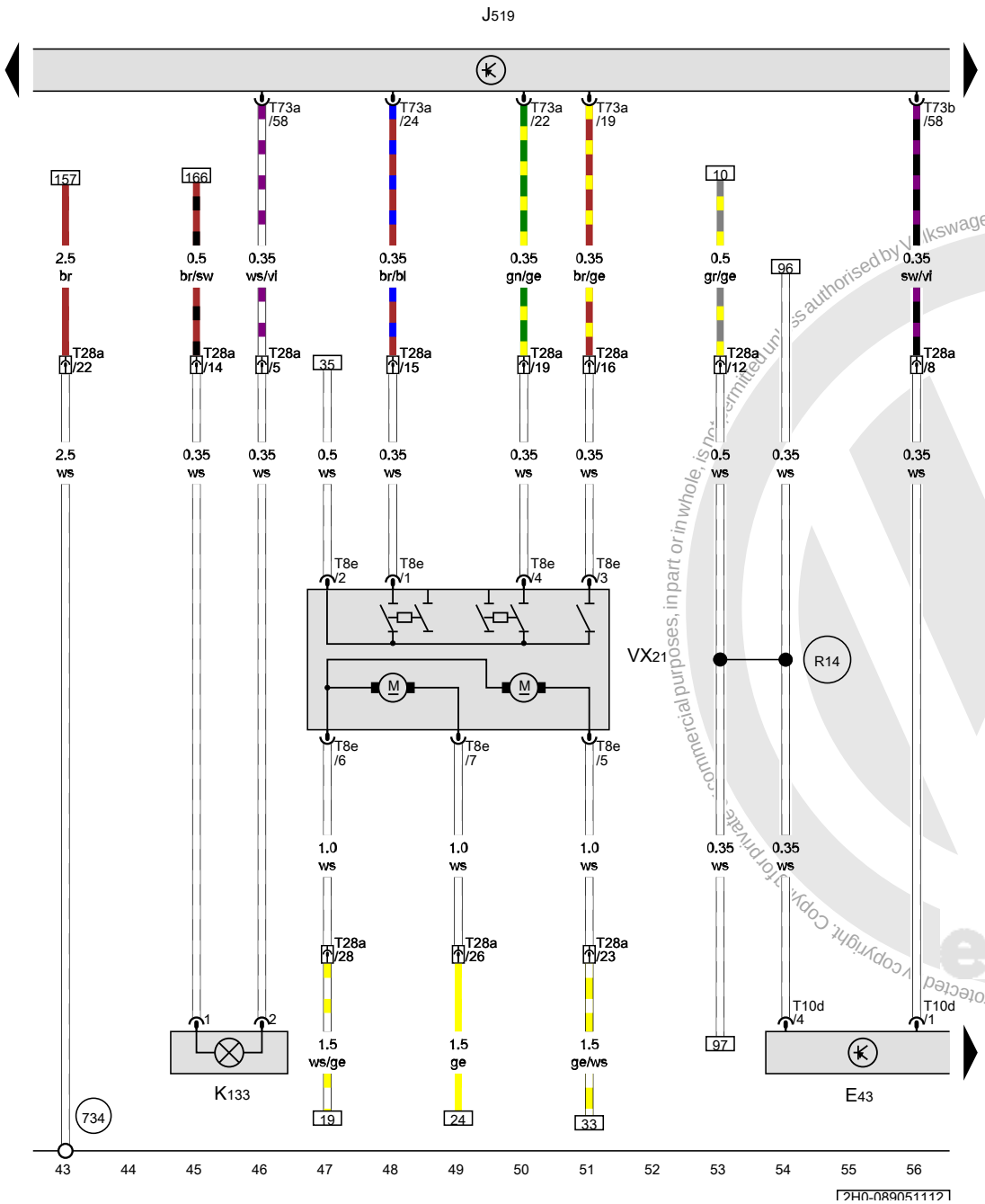

Mirror adjustment switch, Onboard supply control unit, Central locking SAFELOCK function warning lamp, Driver door lock unit

E43	Mirror adjustment switch, in driver door
J519	Onboard supply control unit, near driver side A-pillar
K133	Central locking SAFELOCK function warning lamp
T8e	8-pin connector, black
T10d	10-pin connector, black
T28a	28-pin connector, on left A-pillar, black
T73a	73-pin connector, black
T73b	73-pin connector
VX21	Driver door lock unit
734	Earth point in front left door
R14	Connection 1 (open), in driver door wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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or	=	orange
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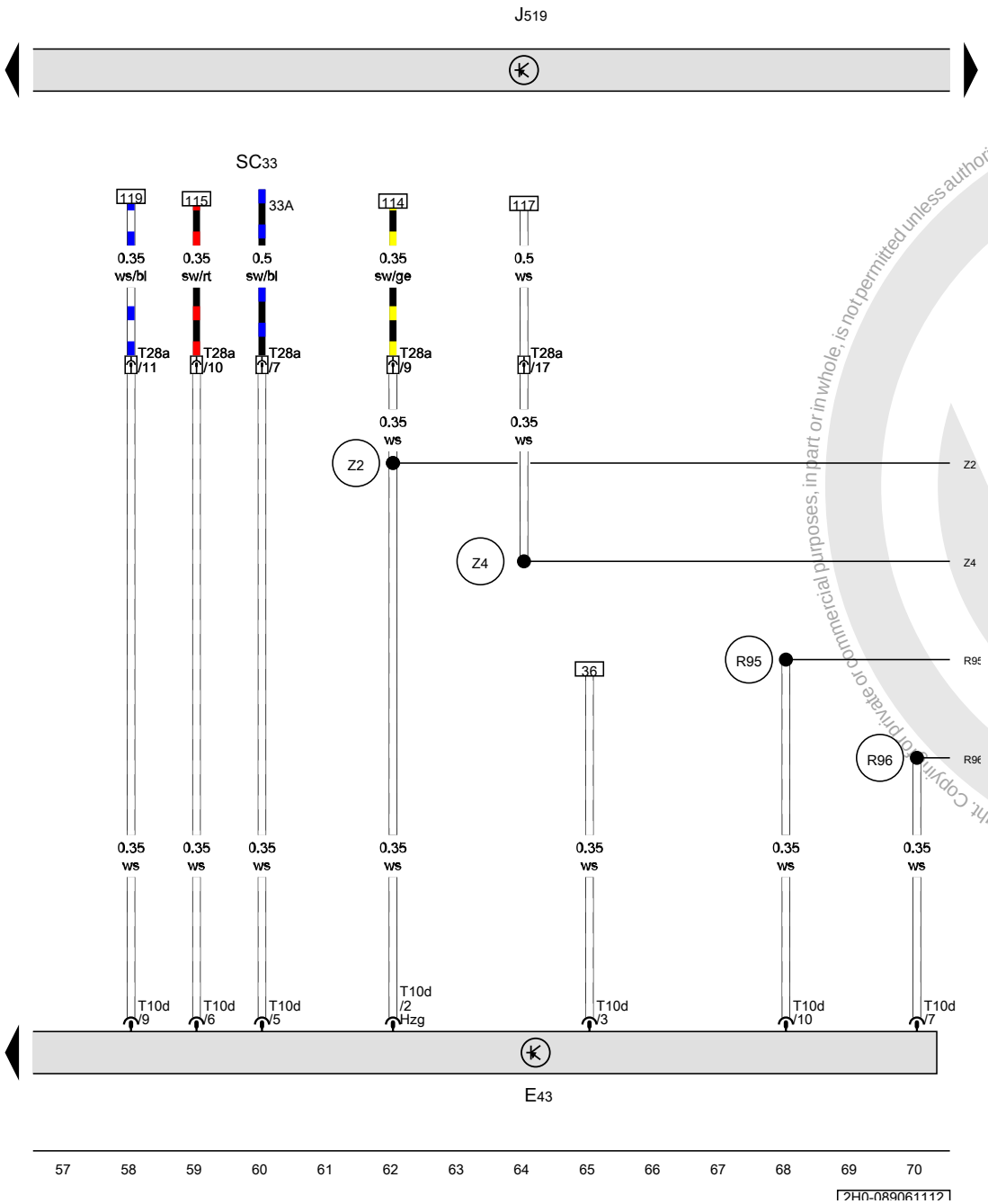
Mirror adjustment switch, Onboard supply control unit, Fuse 33 on fuse holder C

E43	Mirror adjustment switch, in driver door
J519	Onboard supply control unit, near driver side A-pillar
SC33	Fuse 33 on fuse holder C
T10d	10-pin connector, black
T28a	28-pin connector, on left A-pillar, black
R95	Connection 2 in driver side door wiring harness
R96	Connection 3 in driver side door wiring harness
Z2	Connection 2, in mirror adjustment/heating wiring harness
Z4	Positive connection (15a), in mirror adjustment/heating wiring harness



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sw	=	black
ro	=	red
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gn	=	green
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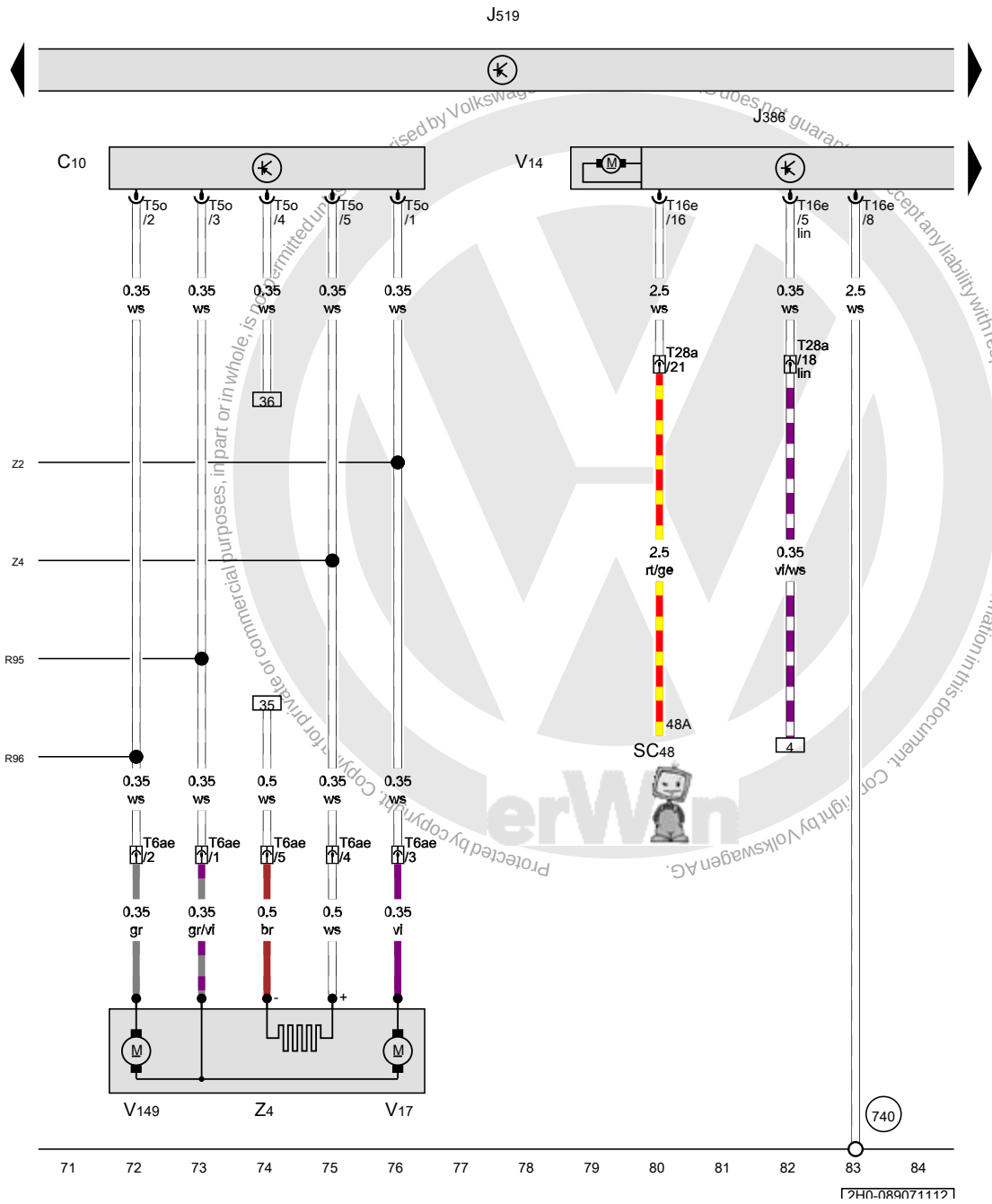

Suppression filter, Driver door control unit, Onboard supply control unit, Fuse 48 on fuse holder C, Left window regulator motor, Heated exterior mirror on driver side

C10	Suppression filter, in left door
J386	Driver door control unit
J519	Onboard supply control unit, near driver side A-pillar
SC48	Fuse 48 on fuse holder C
T5o	5-pin connector
T6ae	6-pin connector, in left door, near exterior mirror, blue
T16e	16-pin connector
T28a	28-pin connector, on left A-pillar, black
V14	Left window regulator motor
V17	Driver side mirror adjustment motor
V149	Driver side mirror adjustment motor
Z4	Heated exterior mirror on driver side
740	Earth point 2 in front left door
R95	Connection 2 in driver side door wiring harness
R96	Connection 3 in driver side door wiring harness
Z2	Connection 2, in mirror adjustment/heating wiring harness
Z4	Positive connection (15a), in mirror adjustment/heating wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
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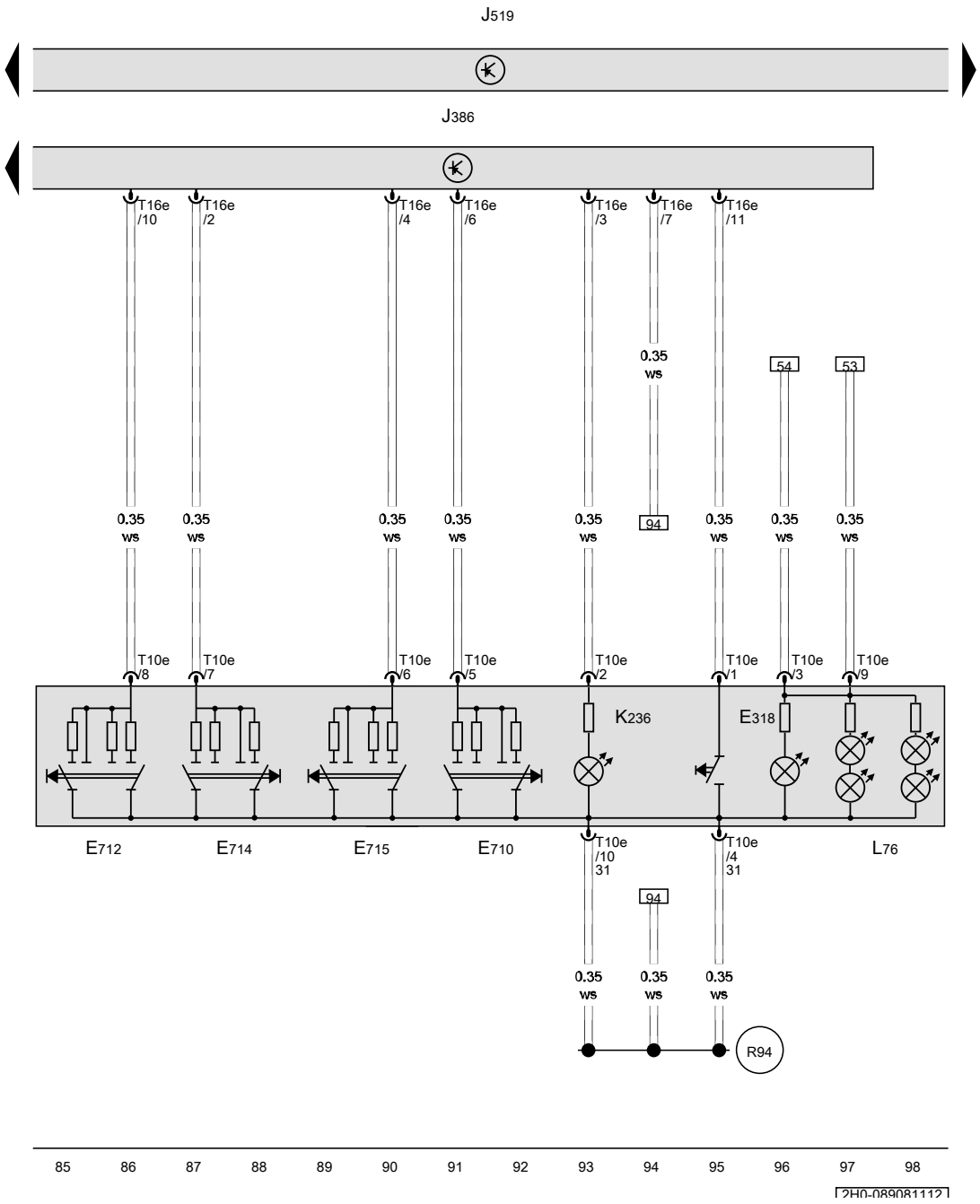

Childproof lock button, Front driver side window regulator button, Rear driver side window regulator button, in driver door, Driver door control unit, Onboard supply control unit

E318	Childproof lock button
E710	Front driver side window regulator button
E712	Rear driver side window regulator button, in driver door
E714	Rear passenger side window regulator button, in driver door
E715	Front passenger side window regulator button, in driver door
J386	Driver door control unit
J519	Onboard supply control unit, near driver side A-pillar
K236	Warning light for activated childproof lock
L76	Button illumination bulb
T10e	10-pin connector
T16e	16-pin connector, black
R94	Connection 1 in driver side door wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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or	=	orange
rs	=	pink

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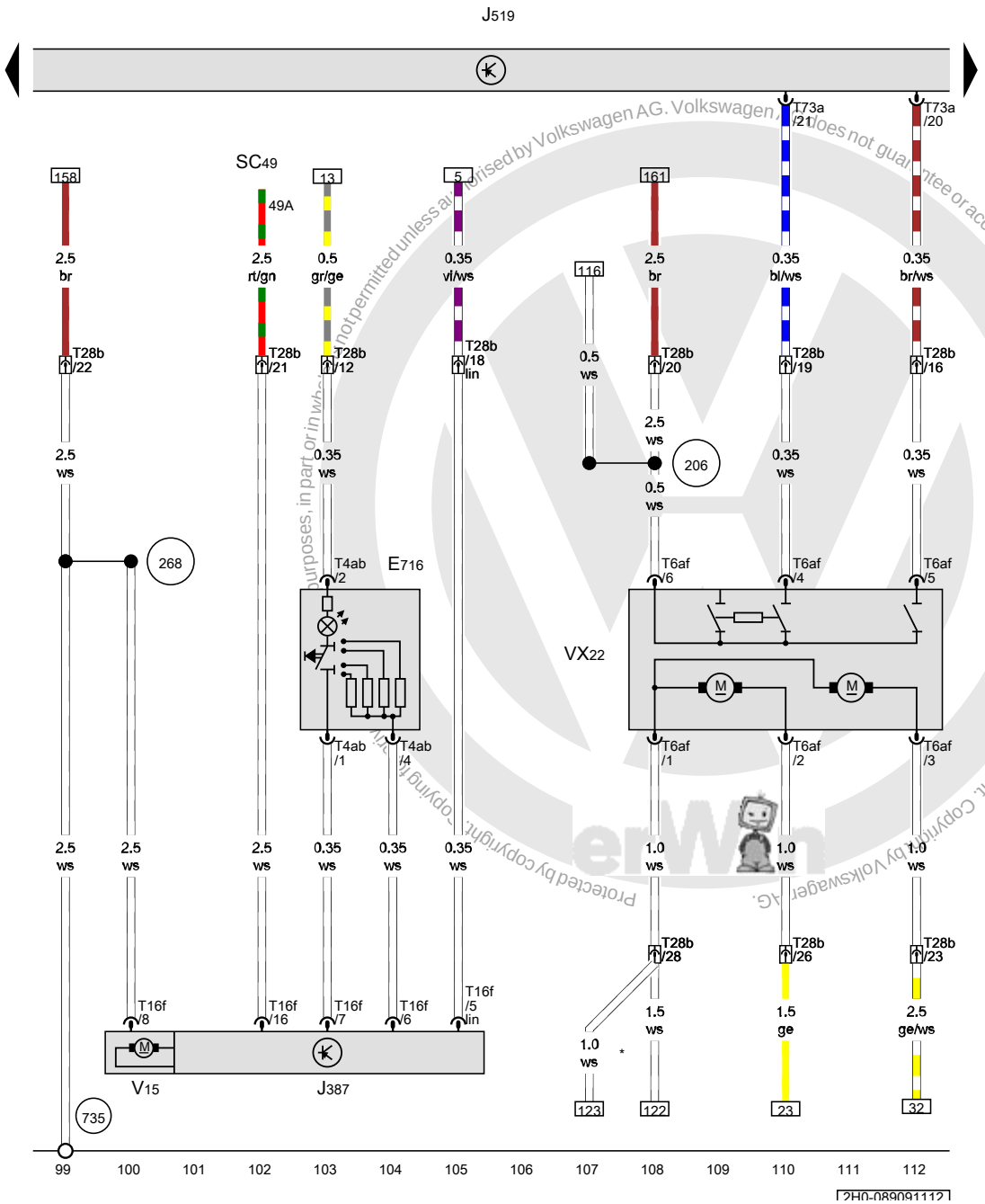

Front passenger side window regulator button, Front passenger door control unit, Onboard supply control unit, Fuse 49 on fuse holder C, Right window regulator motor, Front passenger door lock unit

E716	Front passenger side window regulator button
J387	Front passenger door control unit
J519	Onboard supply control unit, near driver side A-pillar
SC49	Fuse 49 on fuse holder C
T4ab	4-pin connector
T6af	6-pin connector
T16f	16-pin connector, black
T28b	28-pin connector, on right A-pillar, black
T73a	73-pin connector, black
V15	Right window regulator motor
VX22	Front passenger door lock unit
206	Earth connection, in front passenger door wiring harness
268	Earth connection 2, in front passenger side door wiring harness
735	Earth point in front right door
*	Only models with single cab

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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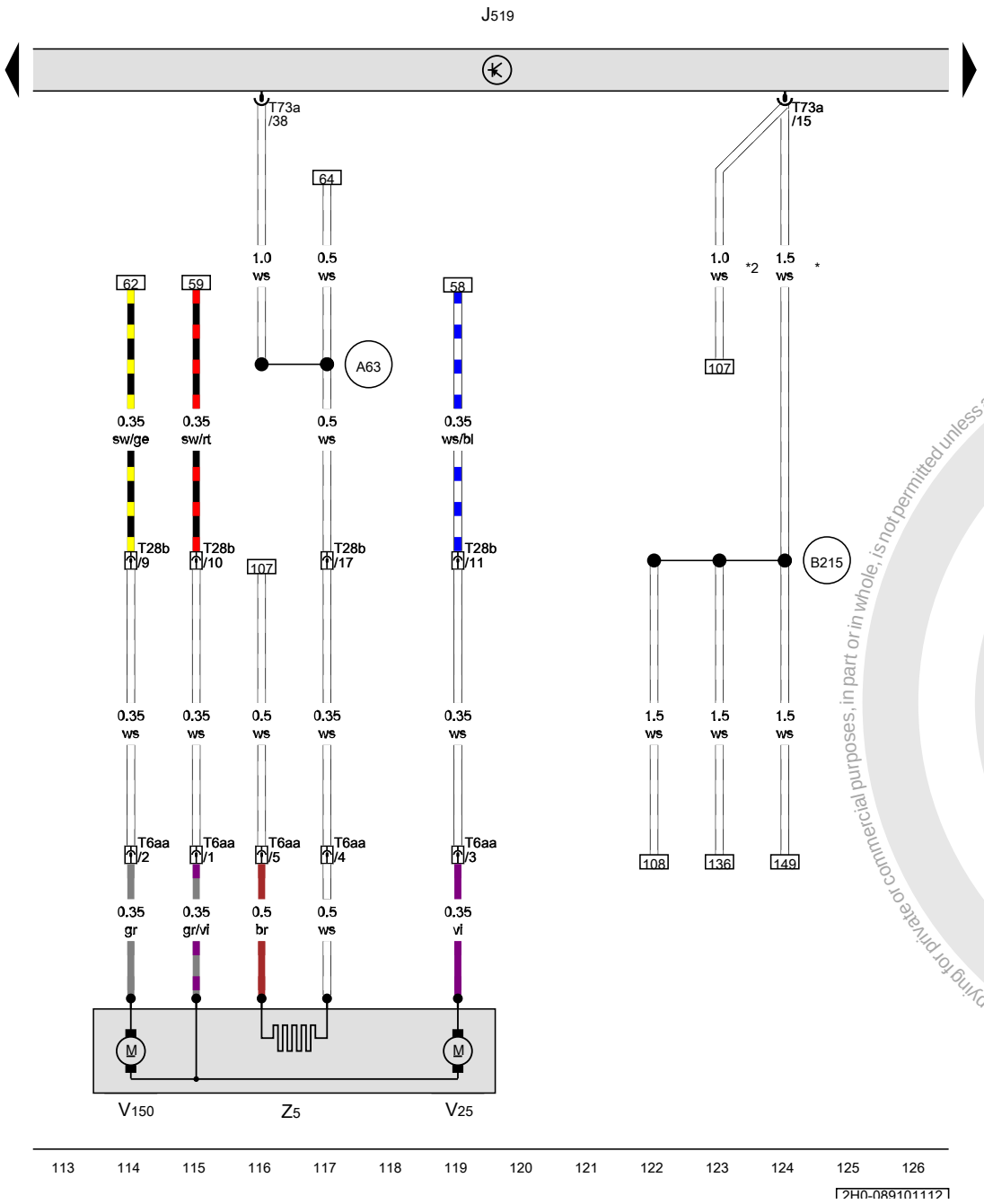

Onboard supply control unit, Heated exterior mirror on front passenger side

J519	Onboard supply control unit, near driver side A-pillar
T6aa	6-pin connector, in right door, near exterior mirror, blue
T28b	28-pin connector, on right A-pillar, black
T73a	73-pin connector, black
V25	Front passenger side mirror adjustment motor
V150	Front passenger side mirror adjustment motor
Z5	Heated exterior mirror on front passenger side
A63	Connection (mirror adjustment/heating), in dash panel wiring harness
B215	Connection 2 (central locking), in interior wiring harness
*	Only models with double cab
*2	Only models with single cab

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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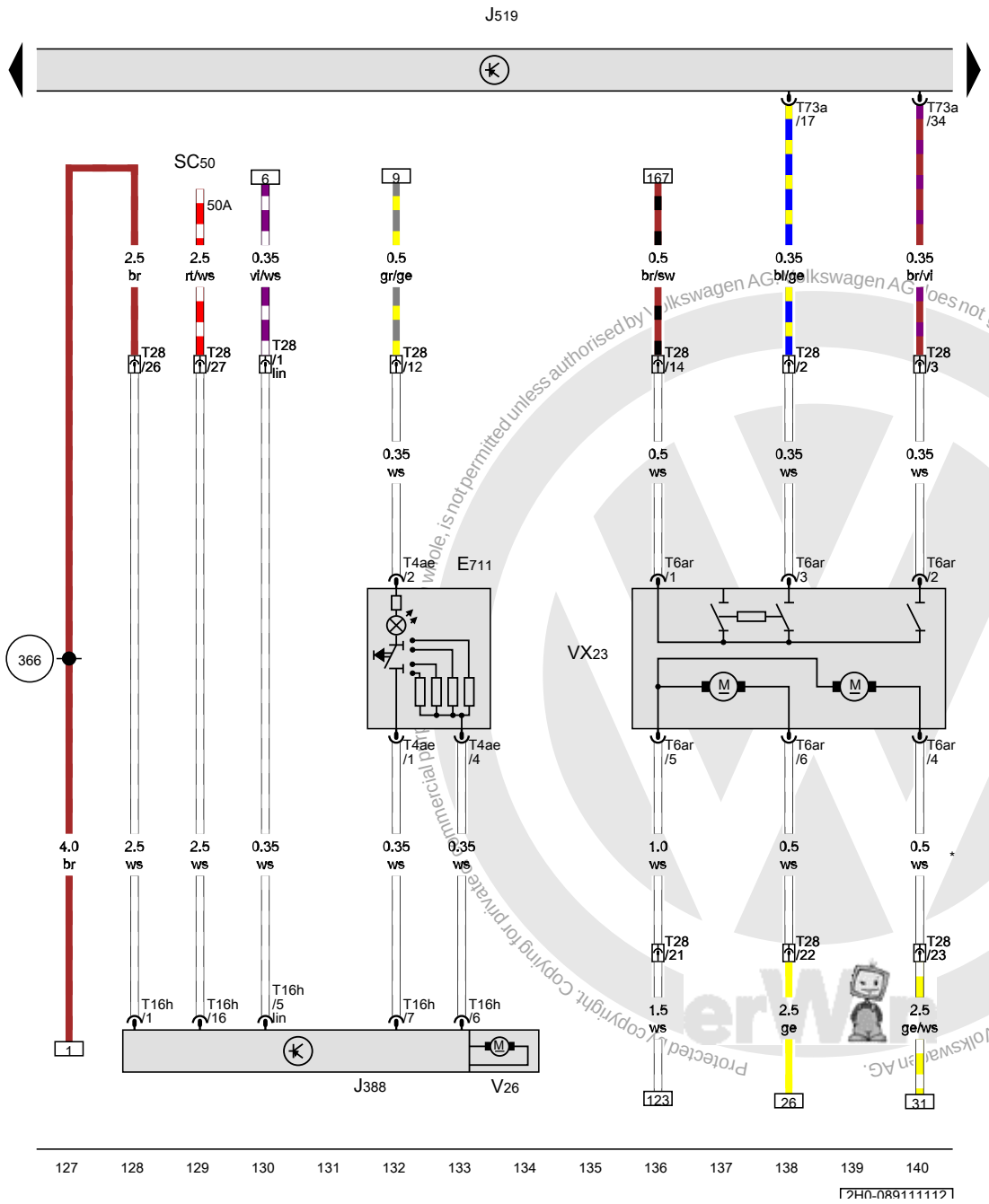

Rear driver side window regulator button, Rear left door control unit, Onboard supply control unit, Fuse 50 on fuse holder C, Rear left door lock unit, Rear left window regulator motor

E711	Rear driver side window regulator button, in rear left door
J388	Rear left door control unit
J519	Onboard supply control unit, near driver side A-pillar
SC50	Fuse 50 on fuse holder C
T4ae	4-pin connector, black
T6ar	6-pin connector, black
T16h	16-pin connector
T28	28-pin connector, on left B-pillar, black
T73a	73-pin connector, black
VX23	Rear left door lock unit
V26	Rear left window regulator motor
366	Earth connection 1, in main wiring harness
*	Only models with SAFELOCK function

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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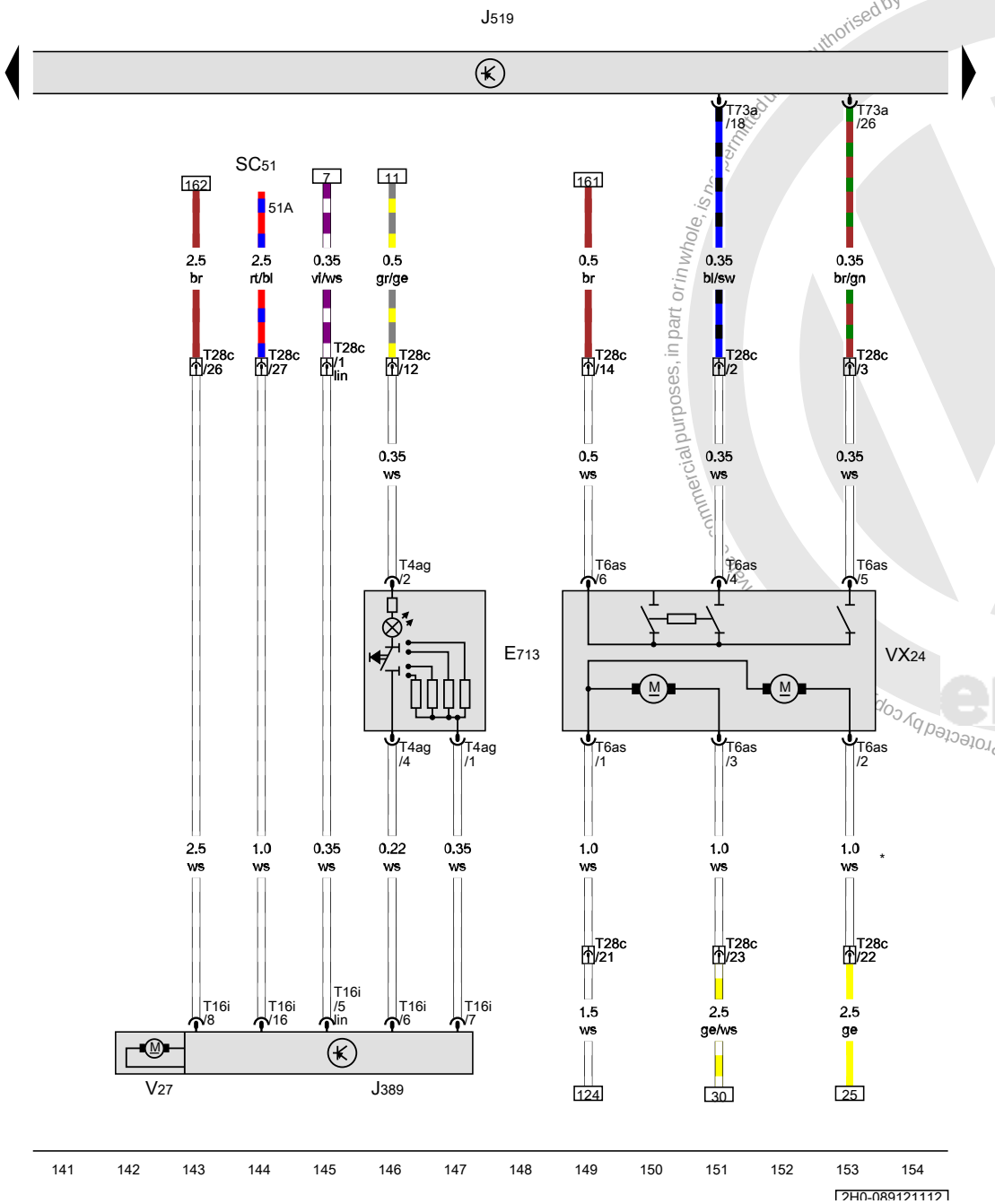

Rear passenger side window regulator button, Rear right door control unit, Onboard supply control unit, Fuse 51 on fuse holder C, Rear right door lock unit, Rear right window regulator motor

E713	Rear passenger side window regulator button, in rear right door
J389	Rear right door control unit
J519	Onboard supply control unit, near driver side A-pillar
SC51	Fuse 51 on fuse holder C
T4ag	4-pin connector
T6as	6-pin connector, black
T16i	16-pin connector, black
T28c	28-pin connector, on right B-pillar, black
T73a	73-pin connector, black
VX24	Rear right door lock unit
V27	Rear right window regulator motor
*	Only models with SAFELOCK function

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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or	=	orange
rs	=	pink

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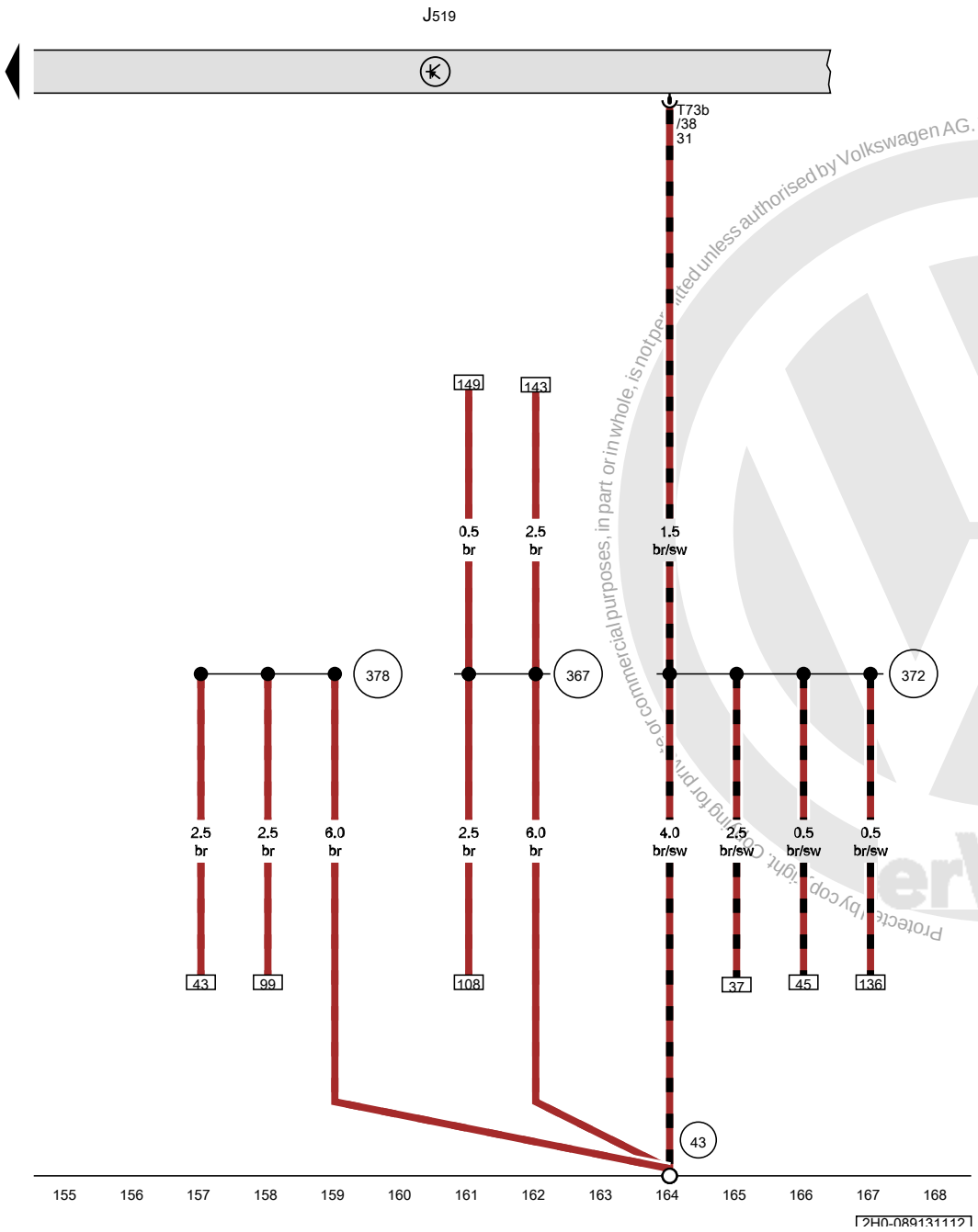

Onboard supply control unit

J519 Onboard supply control unit, near driver side A-pillar
T73b 73-pin connector

43 Earth point, lower part of right A-pillar

367 Earth connection 2, in main wiring harness

372 Earth connection 7, in main wiring harness

378 Earth connection 13, in main wiring harness

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

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Fuse assignment , (7L3)

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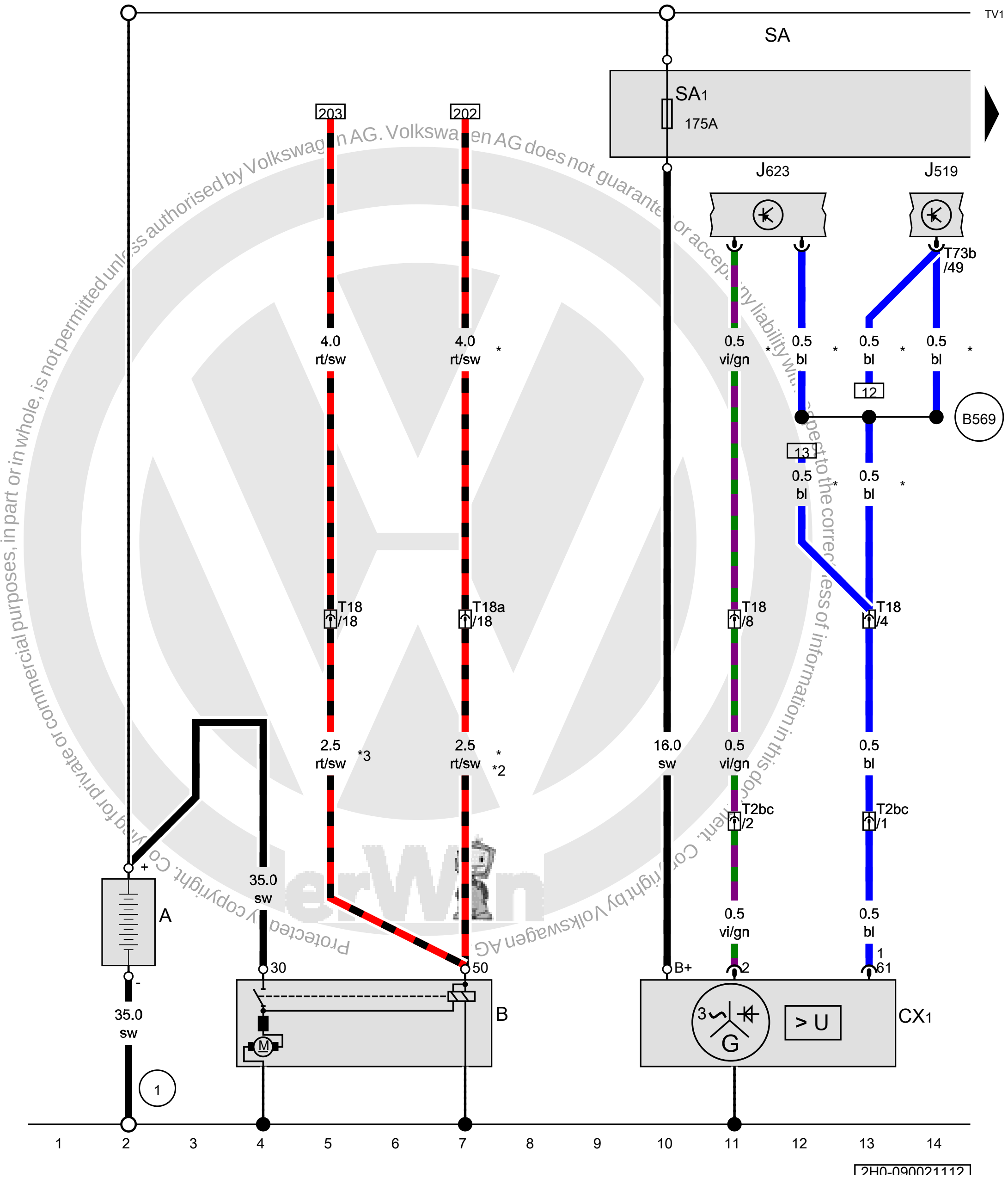
Battery, Starter, Alternator with voltage regulator, Fuse holder A



A	Battery
B	Starter
CX1	Alternator with voltage regulator
J519	Onboard supply control unit
J623	Engine control unit
SA	Fuse holder A
SA1	Fuse 1 in fuse holder A
T2bc	2-pin connector
T18	18-pin connector, near engine control unit, black
T18a	18-pin connector, near engine control unit, grey
T73b	73-pin connector, colourless
1	Earth strap, battery - body
B569	Connection 36, in main wiring harness
*	see applicable current flow diagram for engine
*2	Only models with diesel engine
*3	Only models with petrol engine

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
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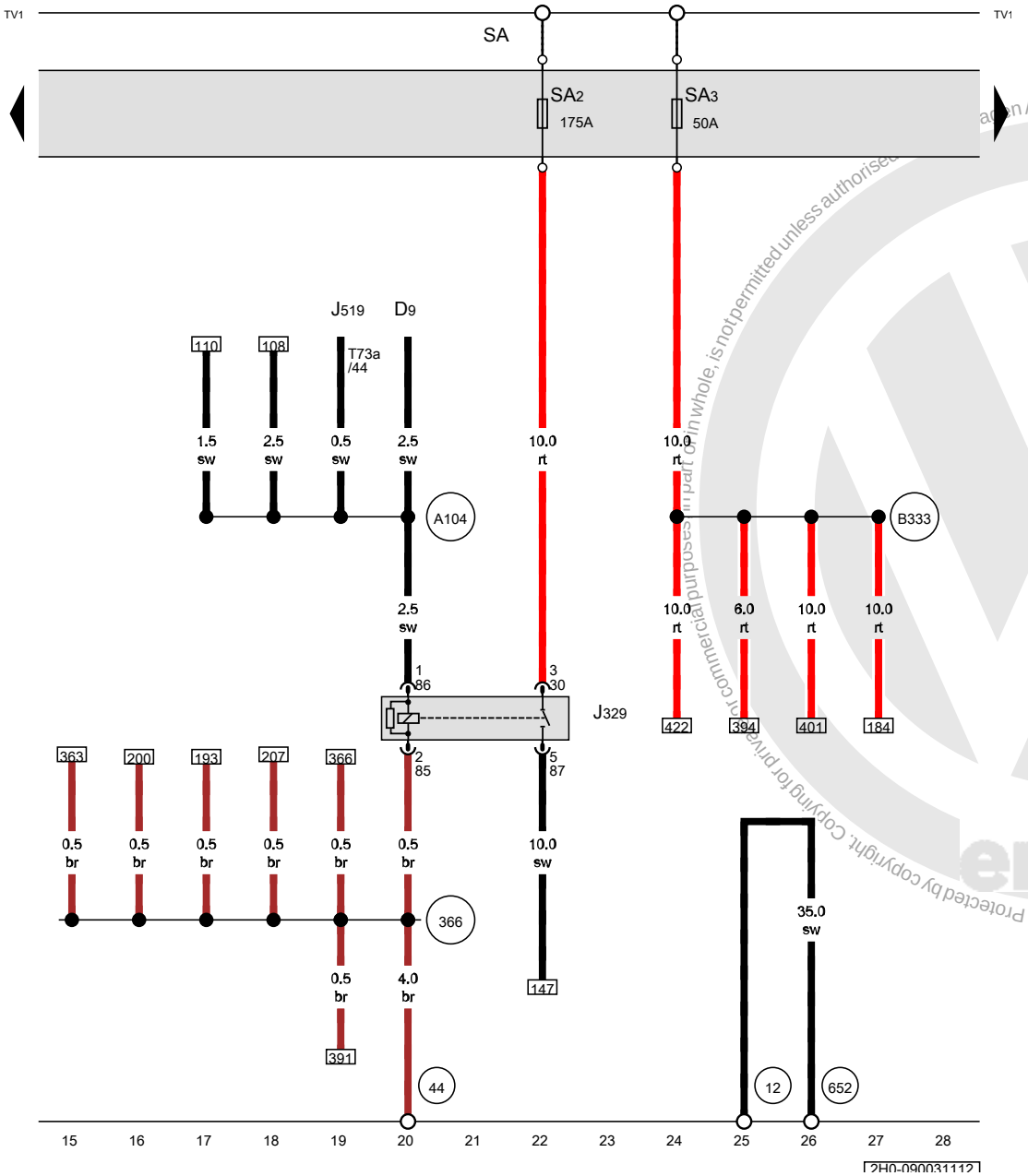

Terminal 15 voltage supply relay, Fuse holder A

D9	Electronic ignition lock
J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
SA	Fuse holder A
SA2	Fuse 2 in fuse holder A
SA3	Fuse 3 in fuse holder A
T73a	73-pin connector, black
12	Earth point, on left in engine compartment
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
652	Earth point, engine and gearbox earth
A104	Positive connection 2 (15), in dash panel wiring harness
B333	Positive connection 19 (30a) in main wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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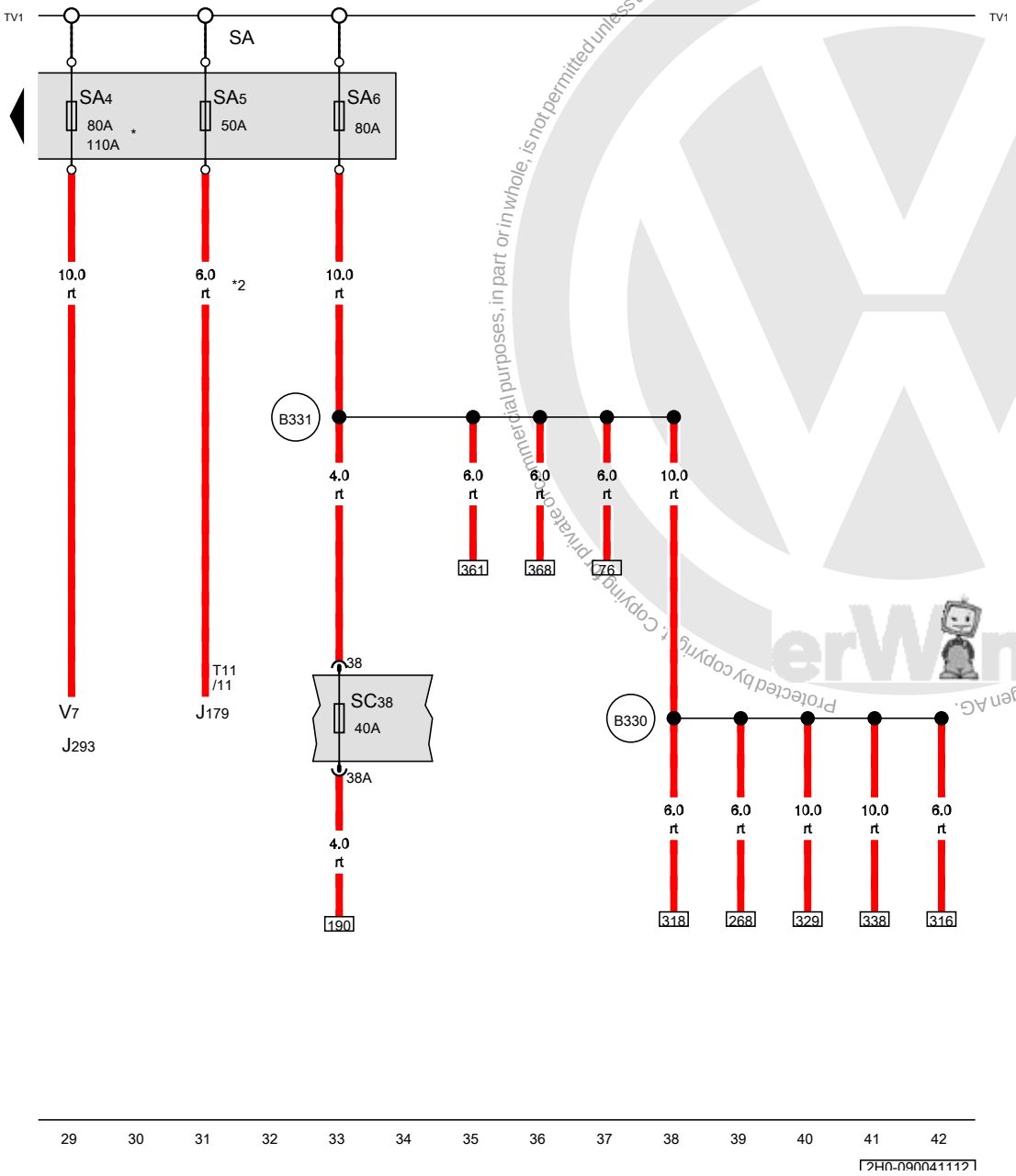

Automatic glow period control unit, Fuse holder A, Fuse 38 on fuse holder C, Radiator fan

J179	Automatic glow period control unit
J293	Radiator fan control unit
SA	Fuse holder A
SA4	Fuse 4 in fuse holder A
SA5	Fuse 5 in fuse holder A
SA6	Fuse 6 in fuse holder A
SC38	Fuse 38 on fuse holder C
T11	11-pin connector, black
V7	Radiator fan
B330	Positive connection 16 (30a) in main wiring harness
B331	Positive connection 17 (30a) in main wiring harness
*	According to equipment
*2	Only models with diesel engine

ws	=	white
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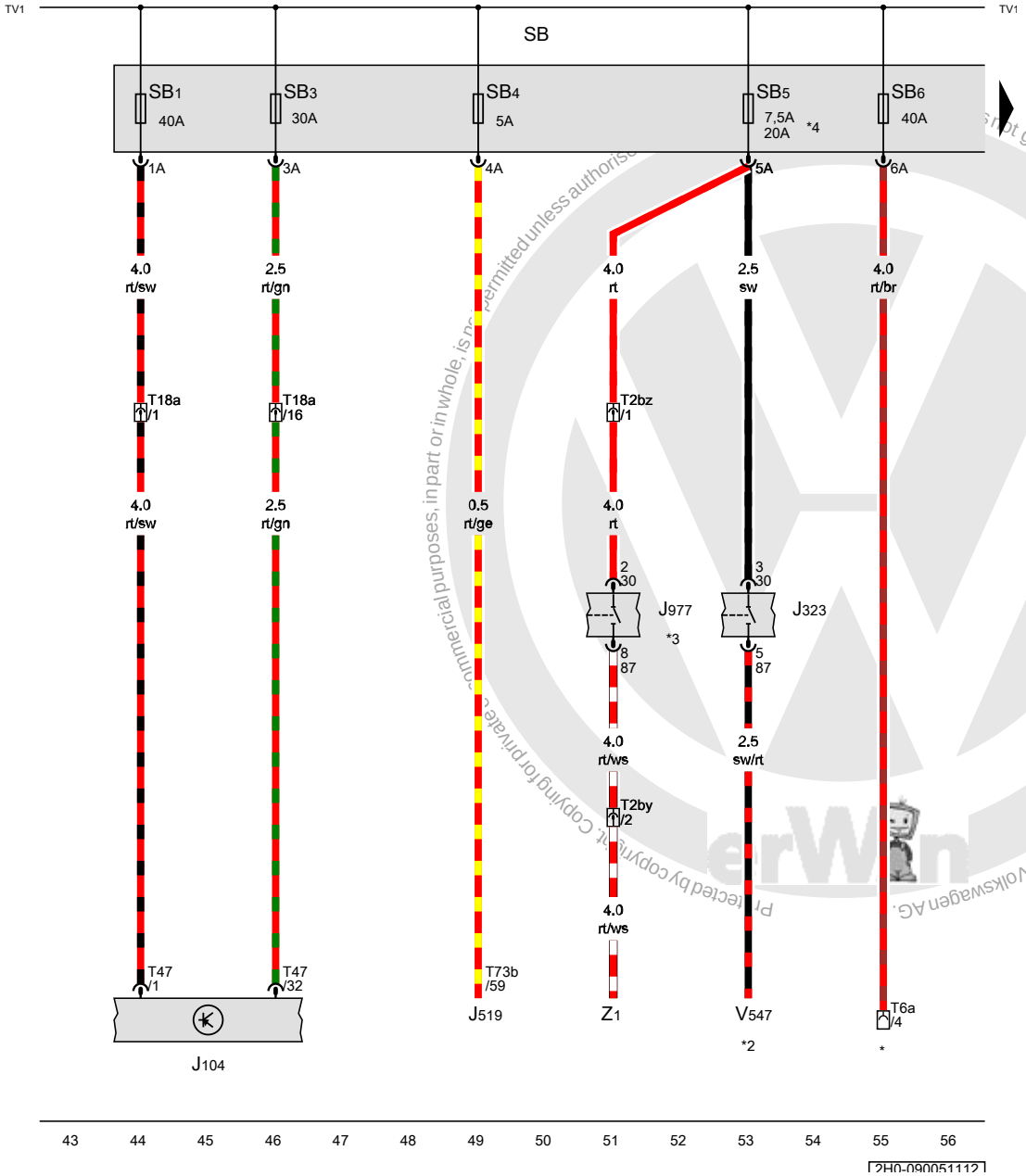
ABS control unit, Fuse 1 on fuse holder B, Fuse 3 on fuse holder B, Fuse 4 on fuse holder B, Fuse 6 on fuse holder B



J104	ABS control unit
J323	Blower relay
J519	Onboard supply control unit
J977	Terminal 30 relay
SB	Fuse holder B
SB1	Fuse 1 on fuse holder B
SB3	Fuse 3 on fuse holder B
SB4	Fuse 4 on fuse holder B
SB5	Fuse 5 on fuse holder B
SB6	Fuse 6 on fuse holder B
T2by	2-pin connector
T2bz	2-pin connector
T6a	6-pin connector, in left footwell, near centre console, grey
T18a	18-pin connector, near engine control unit, grey
T47	47-pin connector, black
T73b	73-pin connector, colourless
V547	Air supply blower
Z1	Heated rear window
*	Only models with electric interface for external use
*2	see applicable current flow diagram
*3	see applicable current flow diagram for hardtop
*4	According to equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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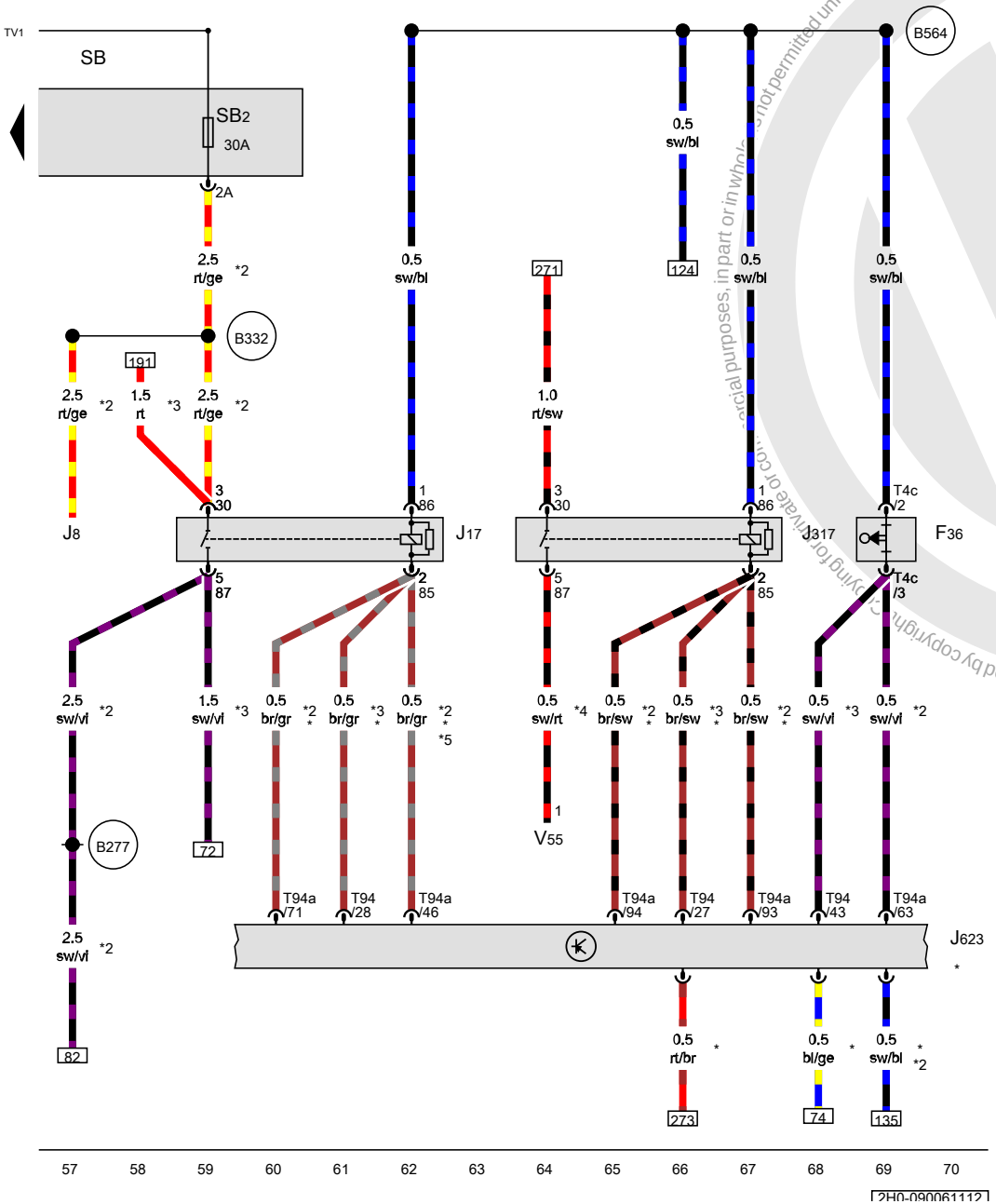
Clutch pedal switch, Fuel pump relay, Terminal 30 voltage supply relay, Engine control unit, Fuse 2 on fuse holder B

F36	Clutch pedal switch
J8	Auxiliary heater relay
J17	Fuel pump relay
J317	Terminal 30 voltage supply relay
J623	Engine control unit
SB	Fuse holder B
SB2	Fuse 2 on fuse holder B
T4c	4-pin connector, black
T94	94-pin connector, black
T94a	94-pin connector
V55	Circulation pump
B277	Positive connection 1 (15a) in main wiring harness
B332	Positive connection 18 (30a) in main wiring harness
B564	Connection 31, in main wiring harness
*	see applicable current flow diagram for engine
*2	Only models with diesel engine
*3	Only models with petrol engine
*4	see applicable current flow diagram for auxiliary coolant heater
*5	Slot assignment, with no cruise control system (CCS)



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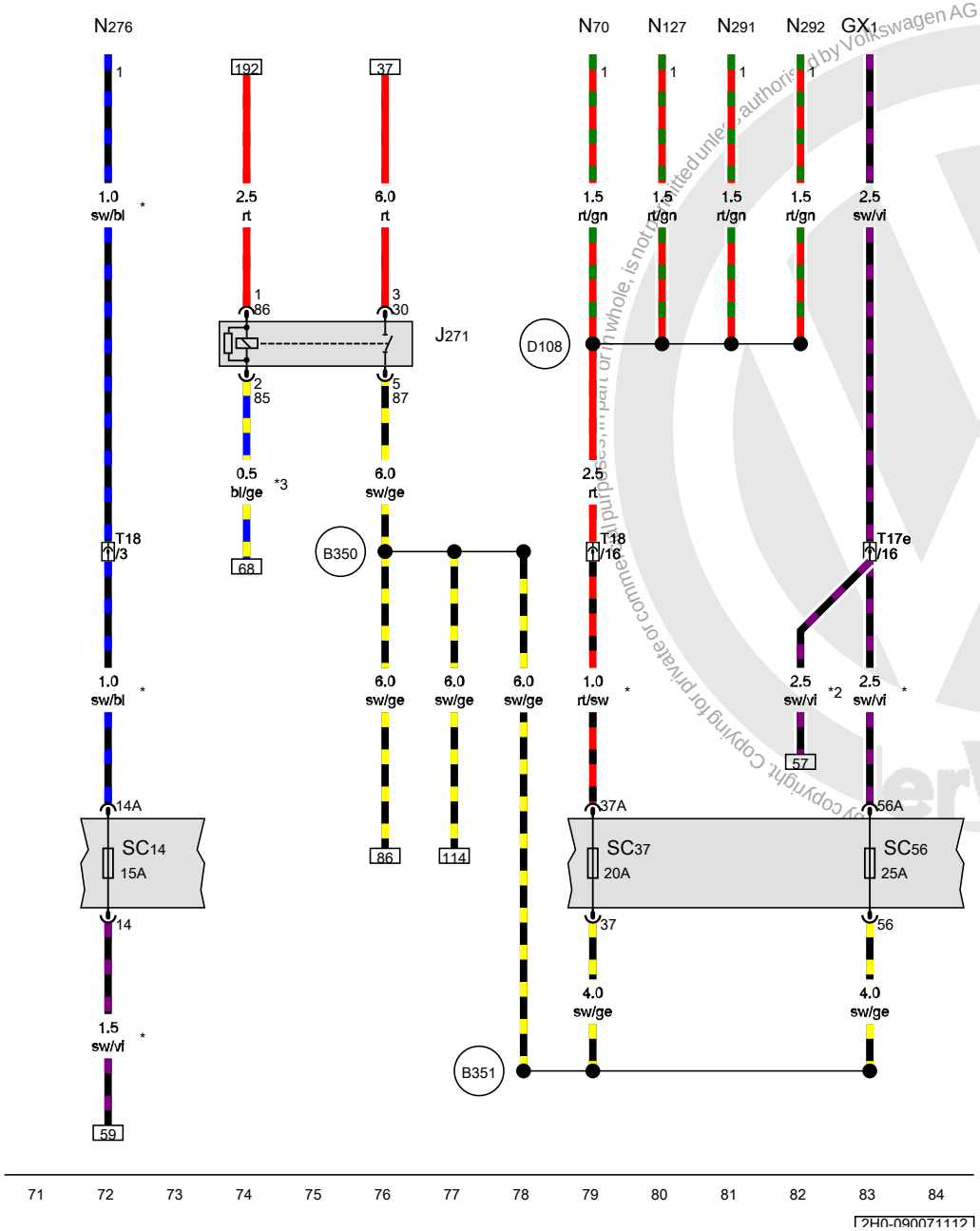
Main relay, Fuse 14 on fuse holder C, Fuse 37 on fuse holder C, Fuse 56 on fuse holder C

GX1	Fuel delivery unit, on fuel tank
J271	Main relay
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N276	Fuel pressure regulating valve
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
SC14	Fuse 14 on fuse holder C
SC37	Fuse 37 on fuse holder C
SC56	Fuse 56 on fuse holder C
T17e	17-pin connector, near handbrake lever, red
T18	18-pin connector, near engine control unit, black
B350	Positive connection 1 (87a) in main wiring harness
B351	Positive connection 2 (87a) in main wiring harness
D108	Connection 6, in engine compartment wiring harness
*	Only models with petrol engine
*2	Only models with diesel engine
*3	see applicable current flow diagram for engine



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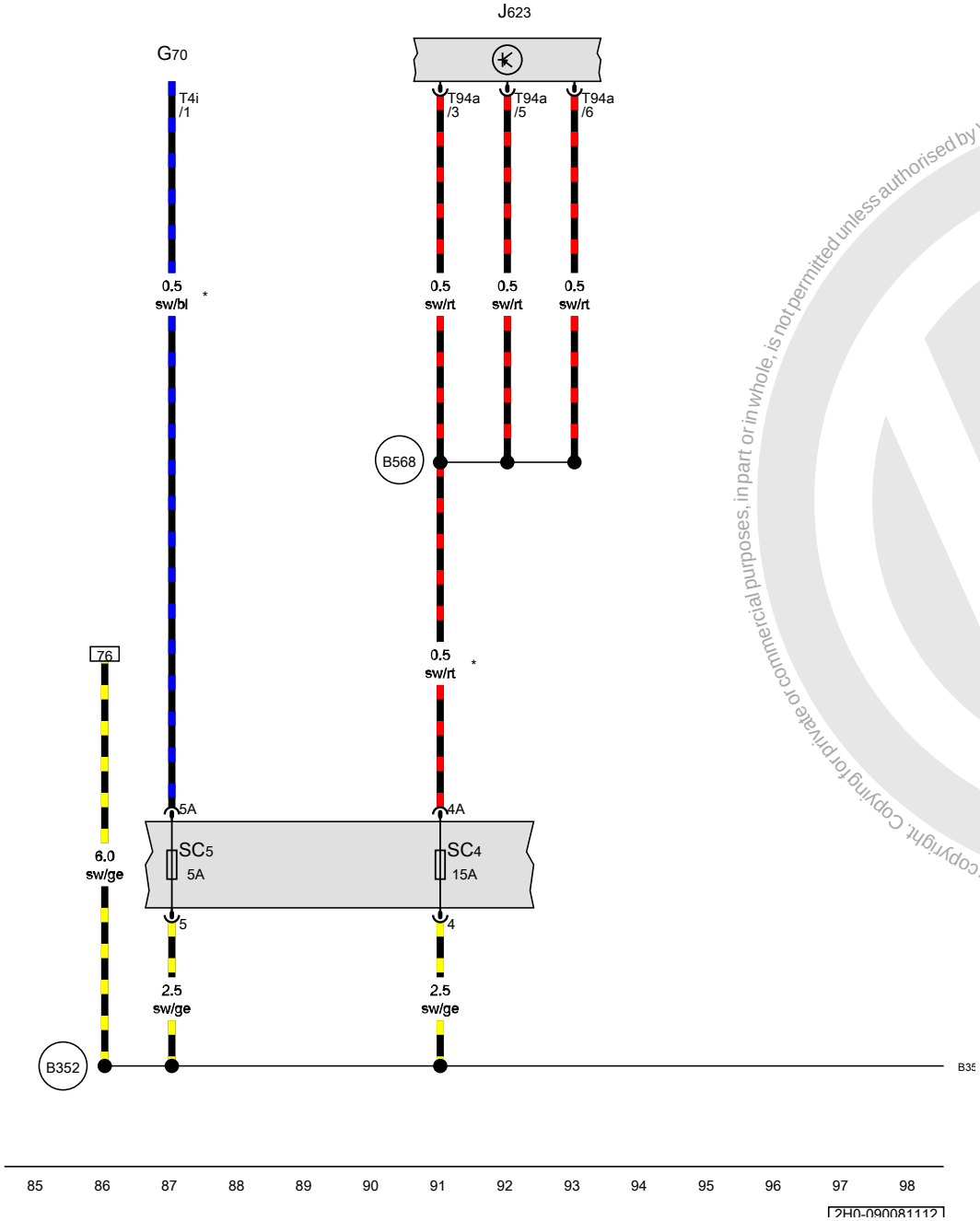

Fuse 4 on fuse holder C, Fuse 5 on fuse holder C

G70	Air mass meter
J623	Engine control unit
SC4	Fuse 4 on fuse holder C
SC5	Fuse 5 on fuse holder C
T4i	4-pin connector, black
T94a	94-pin connector
B352	Positive connection 3 (87a) in main wiring harness
B568	Connection 35, in main wiring harness
*	Only models with diesel engine

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
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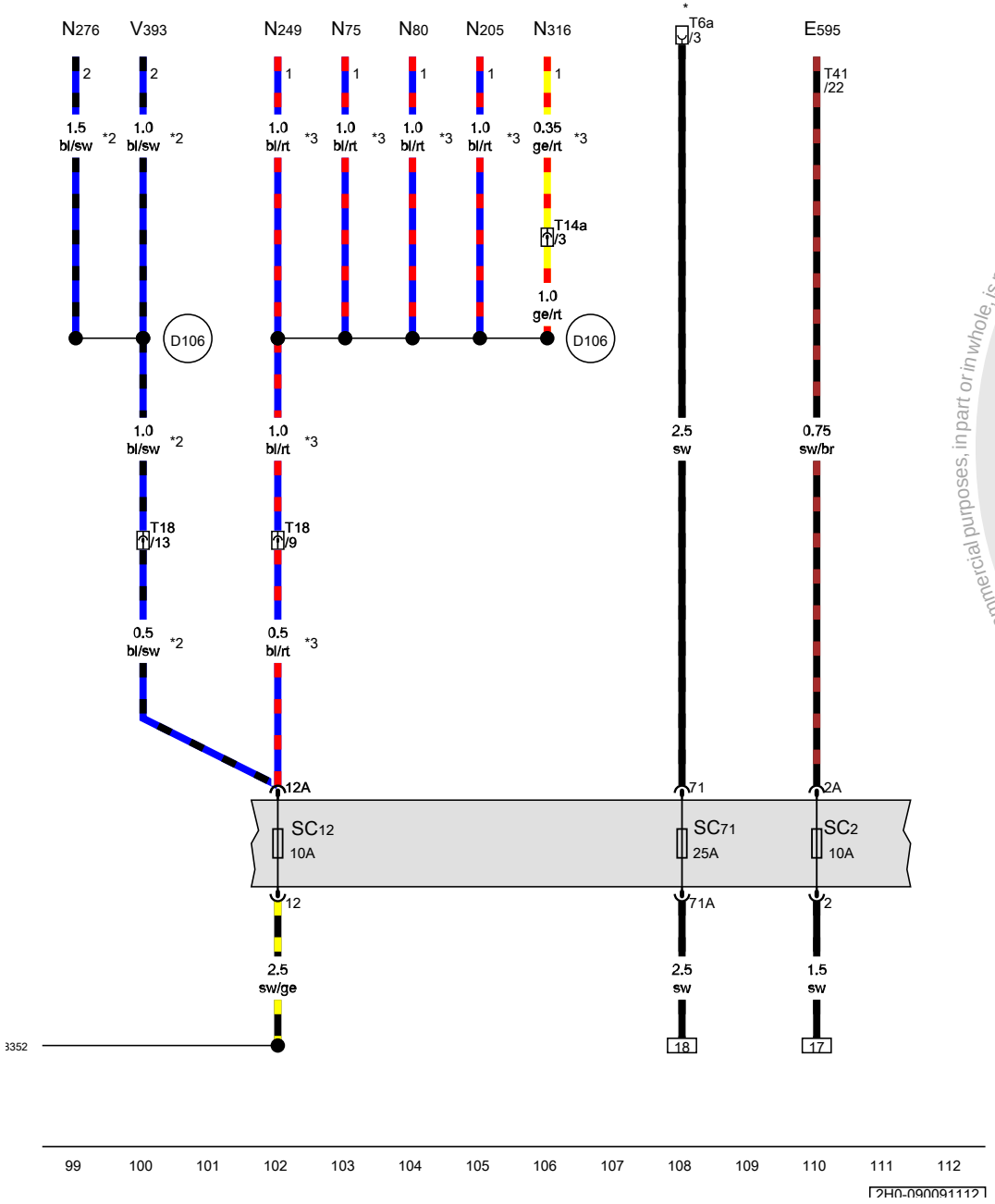

Fuse 2 on fuse holder C, Fuse 12 on fuse holder C, Fuse 71 on fuse holder C

E595	Steering column combination switch
N75	Charge pressure control solenoid valve
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N249	Turbocharger air recirculation valve
N276	Fuel pressure regulating valve
N316	Intake manifold flap valve
SC2	Fuse 2 on fuse holder C
SC12	Fuse 12 on fuse holder C
SC71	Fuse 71 on fuse holder C
T6a	6-pin connector, in left footwell, near centre console, grey
T14a	14-pin connector, front left in engine compartment, black
T18	18-pin connector, near engine control unit, black
T41	41-pin connector, grey
V393	Supplementary fuel pump
B352	Positive connection 3 (87a) in main wiring harness
D106	Connection 4 in engine compartment wiring harness
*	Only models with electric interface for external use
*2	Only models with diesel engine
*3	Only models with petrol engine

ws	=	white
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gn	=	green
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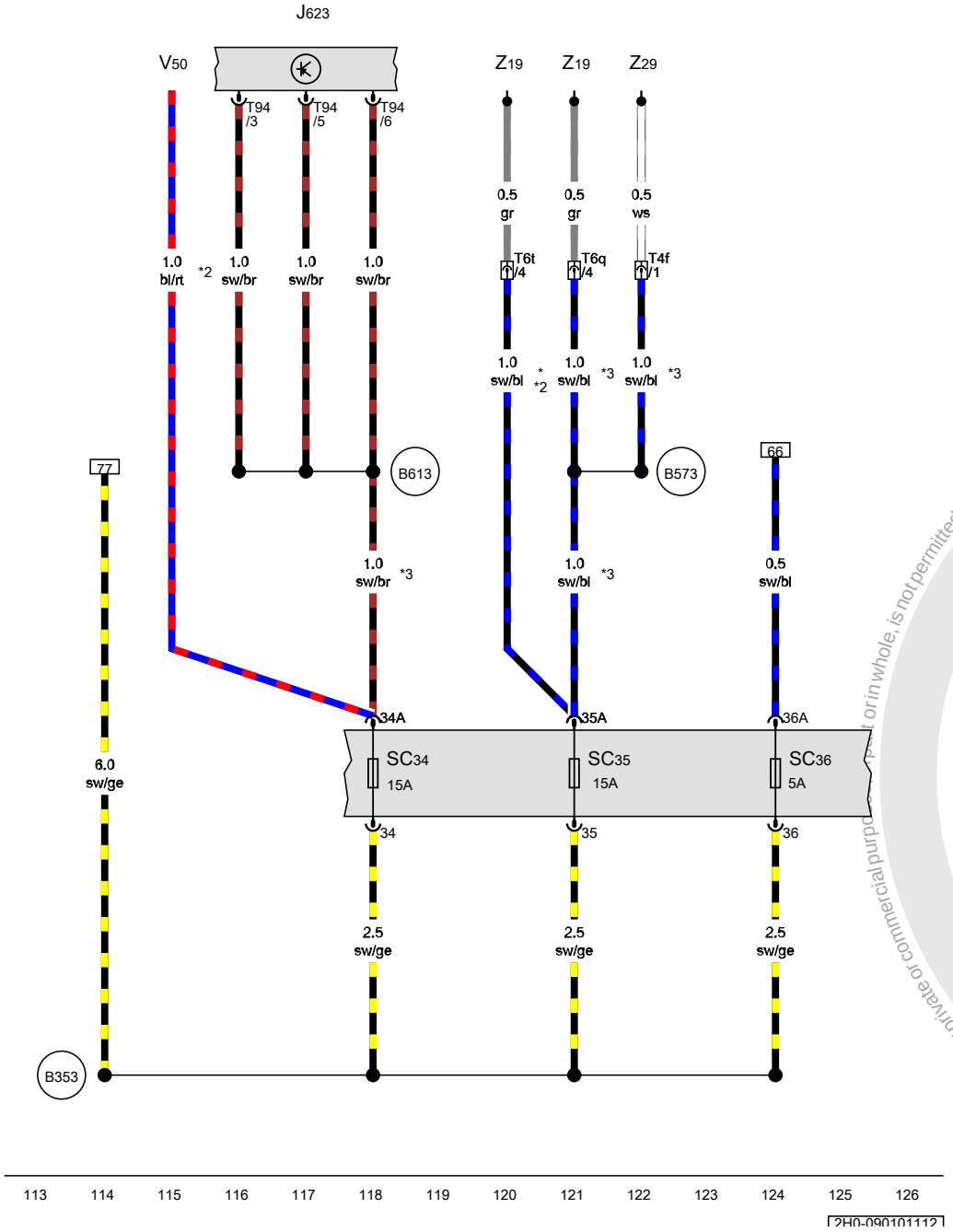

Fuse 34 on fuse holder C, Fuse 35 on fuse holder C, Fuse 36 on fuse holder C

J623	Engine control unit
SC34	Fuse 34 on fuse holder C
SC35	Fuse 35 on fuse holder C
SC36	Fuse 36 on fuse holder C
T4f	4-pin connector, front right in engine compartment
T6q	6-pin connector, front right in engine compartment
T6t	6-pin connector, front right in engine compartment, black
T94	94-pin connector
V50	Coolant circulation pump
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
B353	Positive connection 4 (87a) in main wiring harness
B573	Connection 40, in main wiring harness
B613	Connection 41, in main wiring harness
*	Only models with Euro 5 emission standard
*2	Only models with diesel engine
*3	Only models with petrol engine

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sw	=	black
ro	=	red
br	=	brown
gn	=	green
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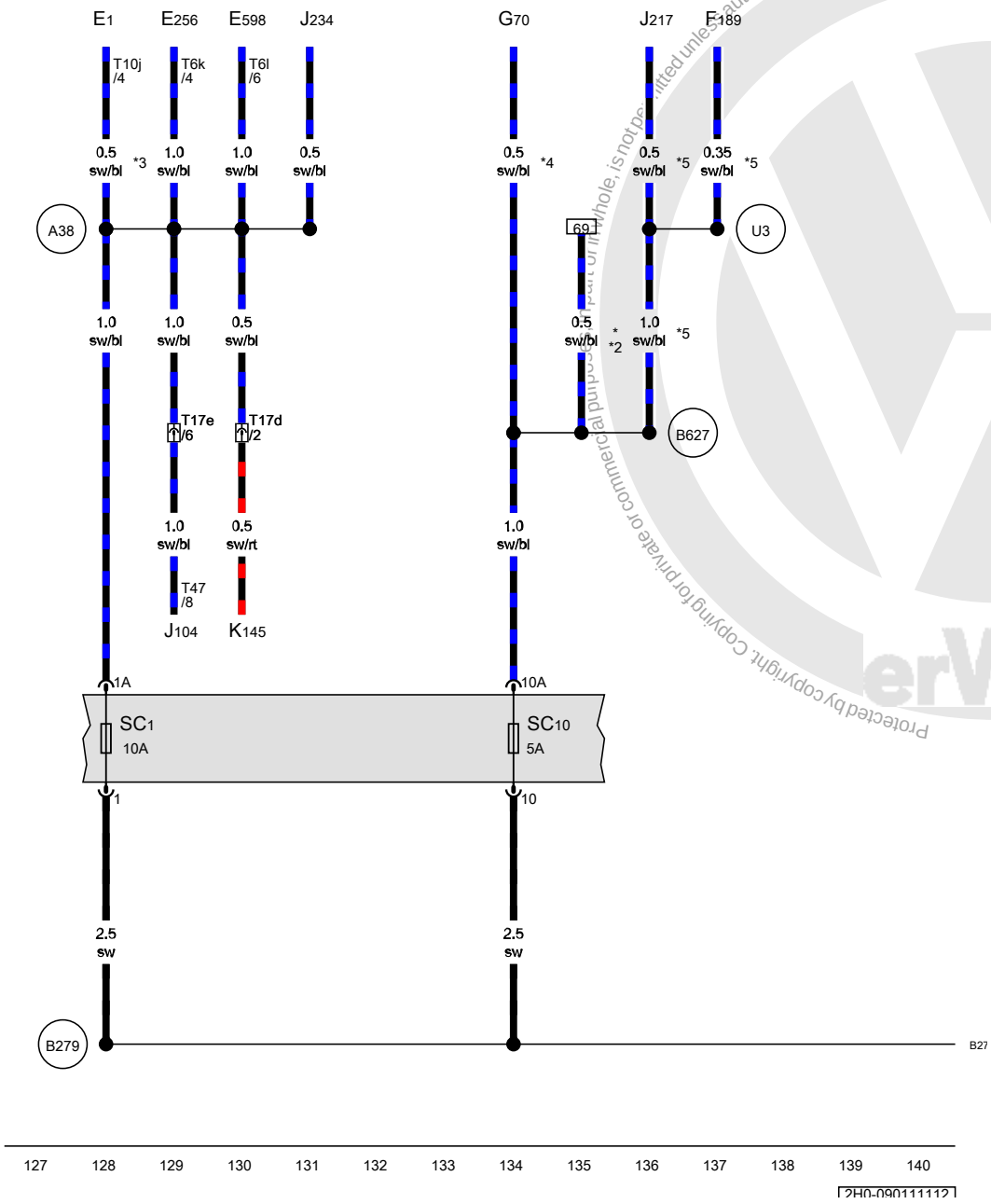

Fuse 1 on fuse holder C, Fuse 10 on fuse holder C

E1	Light switch
E256	TCS and ESP button
E598	Driving program button
F189	Tiptronic switch
G70	Air mass meter
J104	ABS control unit
J217	Automatic gearbox control unit
J234	Airbag control unit
K145	Front passenger side airbag deactivated warning lamp
SC1	Fuse 1 on fuse holder C
SC10	Fuse 10 on fuse holder C
T6k	6-pin connector, black
T6l	6-pin connector, red
T10j	10-pin connector, black
T17d	17-pin connector, on left under dash panel, green
T17e	17-pin connector, near handbrake lever, red
T47	47-pin connector, black
A38	Positive connection 2 (15a) in dash panel wiring harness
B279	Positive connection 3 (15a) in main wiring harness
B627	Positive connection 3 (15), in main wiring harness
U3	Connection 1, in automatic gearbox wiring harness
*	see applicable current flow diagram for engine
*2	Only models with diesel engine
*3	Only models with automatic driving lights control
*4	Only models with petrol engine
*5	see applicable current flow diagram for automatic gearbox

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gn	=	green
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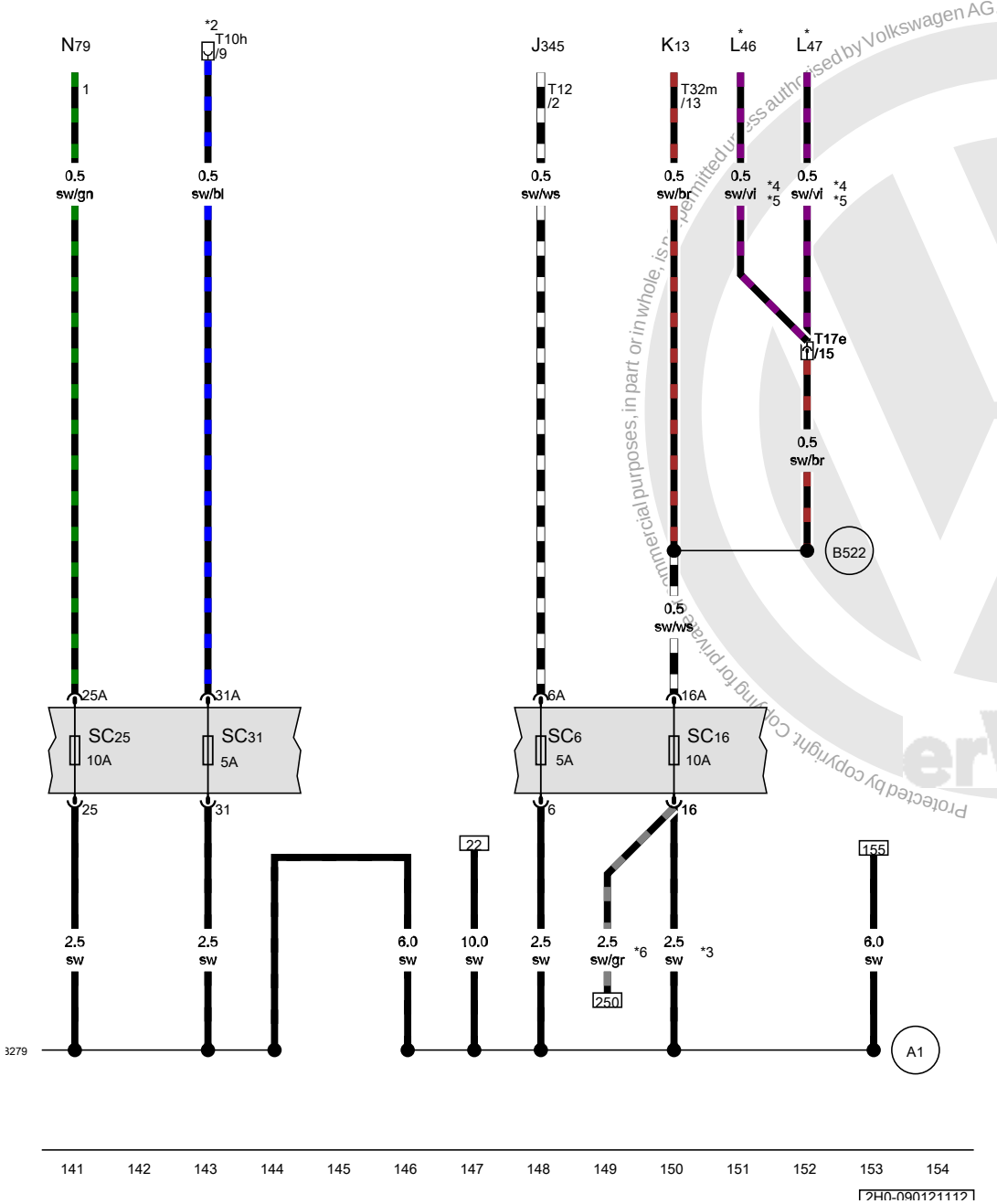

Fuse 6 on fuse holder C, Fuse 16 on fuse holder C, Fuse 25 on fuse holder C, Fuse 31 on fuse holder C

J345	Trailer detector control unit
K13	Rear fog light warning lamp
L46	Rear left fog light bulb
L47	Rear right fog light bulb
N79	Heater element for crankcase breather
SC6	Fuse 6 on fuse holder C
SC16	Fuse 16 on fuse holder C
SC25	Fuse 25 on fuse holder C
SC31	Fuse 31 on fuse holder C
T10h	10-pin connector, purple
T12	12-pin connector, red
T17e	17-pin connector, near handbrake lever, red
T32m	32-pin connector, blue
A1	Positive connection (30a), in dash panel wiring harness
B279	Positive connection 3 (15a) in main wiring harness
B522	Connection (FL), in main wiring harness
*	According to equipment
*2	Only models with electric interface for external use
*3	Only models with automatic driving lights control
*4	Cross-section 1.5 possible
*5	see applicable current flow diagram for exterior lighting
*6	Only models with no automatic headlight control with coming home

ws	=	white
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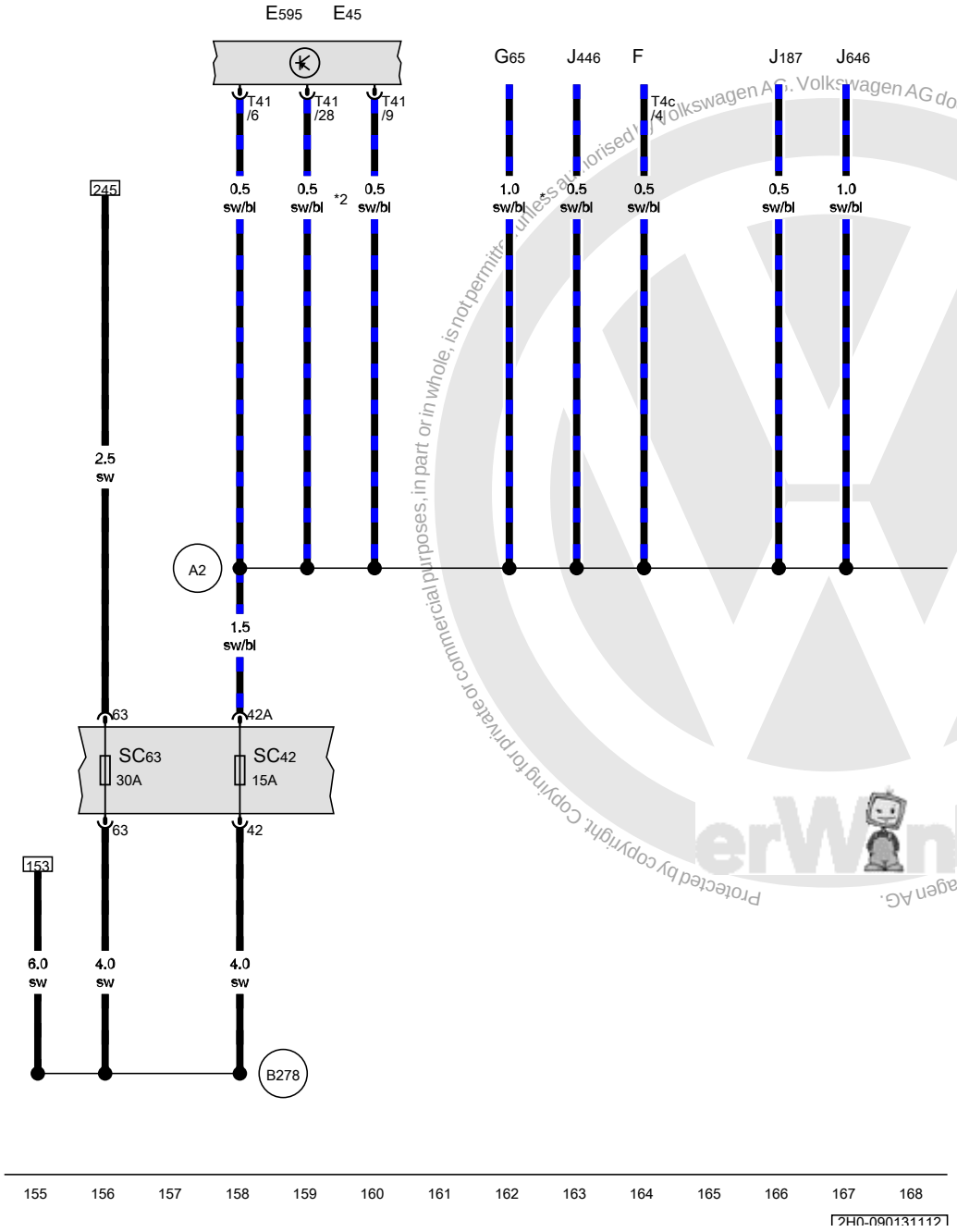

Fuse 42 on fuse holder C, Fuse 63 on fuse holder C

E45	Cruise control system switch
E595	Steering column combination switch
F	Brake light switch
G65	High-pressure sender
J187	Differential lock control unit
J446	Parking aid control unit
J646	Transfer box control unit
SC42	Fuse 42 on fuse holder C
SC63	Fuse 63 on fuse holder C
T4c	4-pin connector, black
T41	41-pin connector, grey
A2	Positive connection (15), in dash panel wiring harness
B278	Positive connection 2 (15a) in main wiring harness
*	Only models with air conditioning system/ Climatronic
*2	Only models with cruise control system

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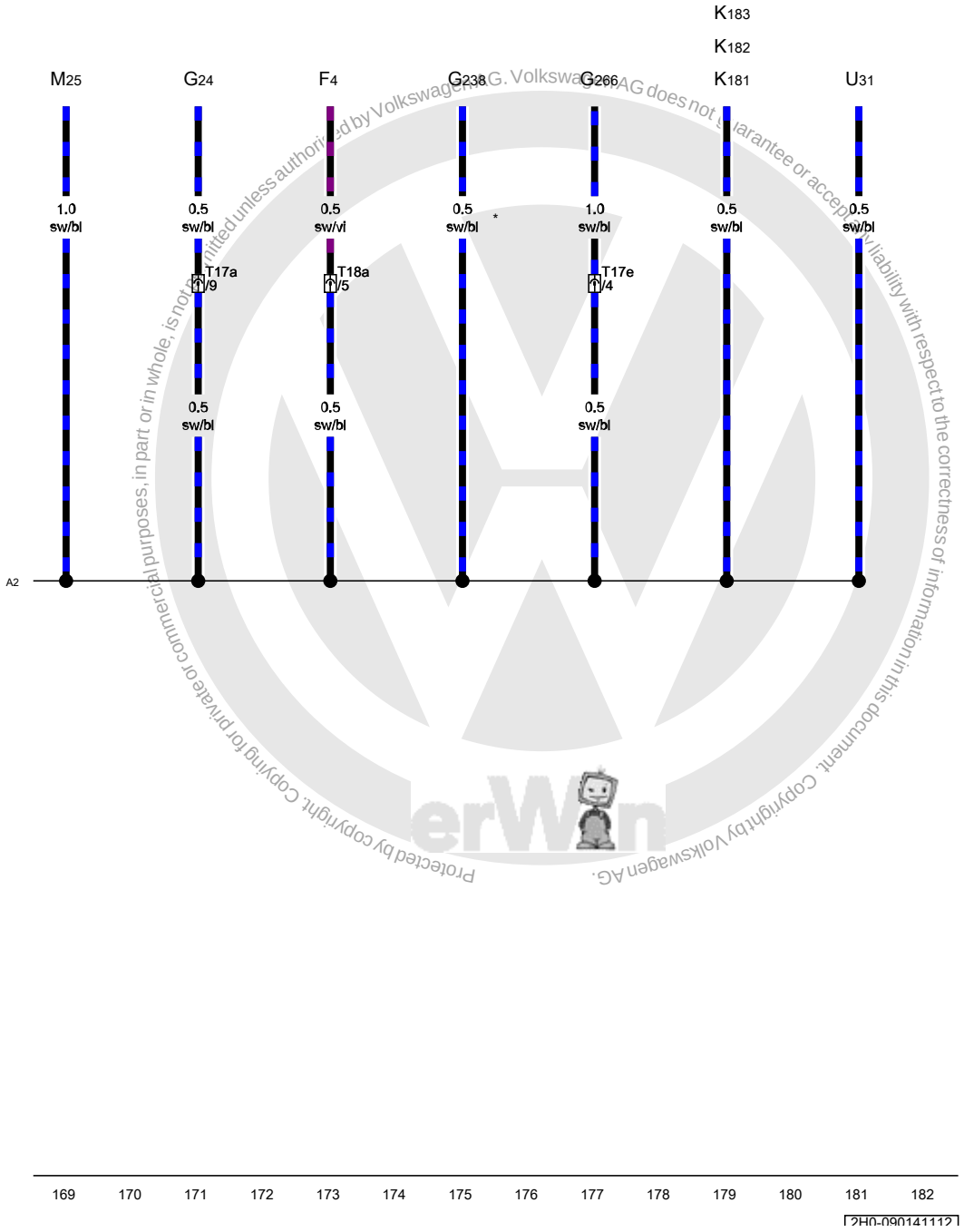

Reversing light switch, Tachograph, Air quality sensor, Oil level and oil temperature sender

F4	Reversing light switch
G24	Tachograph
G238	Air quality sensor
G266	Oil level and oil temperature sender
K181	Normal operation warning lamp in transfer box operating unit
K182	Reduction gearing warning lamp in transfer box operating unit
K183	Inter-axle lock-up warning lamp in transfer box operating unit
M25	Additional brake light bulb
T17a	17-pin connector, on left under dash panel, green
T17e	17-pin connector, near handbrake lever, red
T18a	18-pin connector, near engine control unit, grey
U31	Diagnostic connection
(A2)	Positive connection (15), in dash panel wiring harness
*	Only models with Climatronic

ws	=	white
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gn	=	green
bl	=	blue
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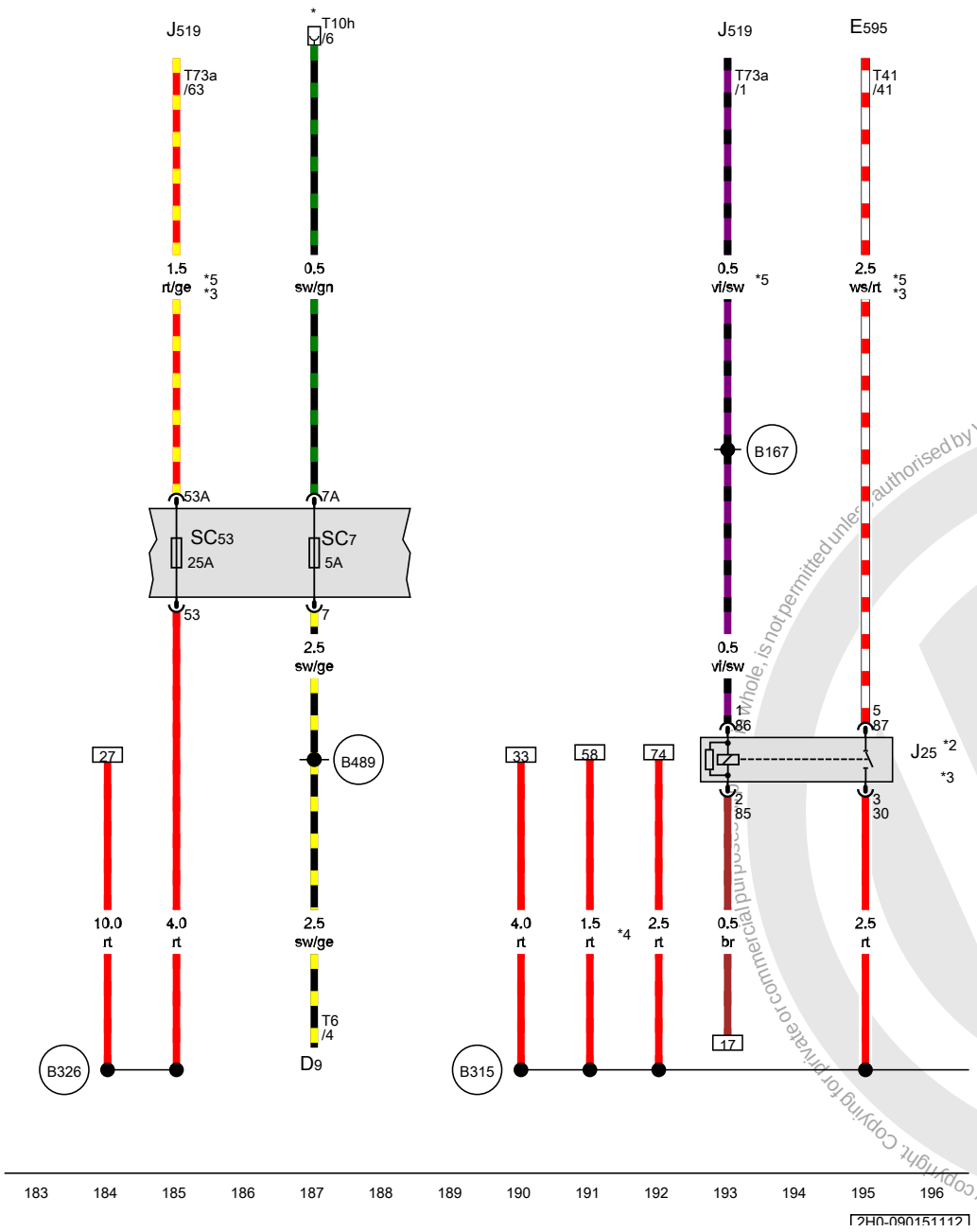
Headlight relay, Fuse 7 on fuse holder C, Fuse 53 on fuse holder C

D9	Electronic ignition lock
E595	Steering column combination switch
J25	Headlight relay
J519	Onboard supply control unit
SC7	Fuse 7 on fuse holder C
SC53	Fuse 53 on fuse holder C
T6	6-pin connector, black
T10h	10-pin connector, purple
T41	41-pin connector
T73a	73-pin connector, black
B167	Connection (56b), in interior wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B326	Positive connection 12 (30a) in main wiring harness
B489	Connection 25, in main wiring harness
*	Only models with electric interface for external use
*2	Only models with start/stop system
*3	Only models with automatic driving lights control
*4	Only models with petrol engine
*5	Coming home with rain sensor



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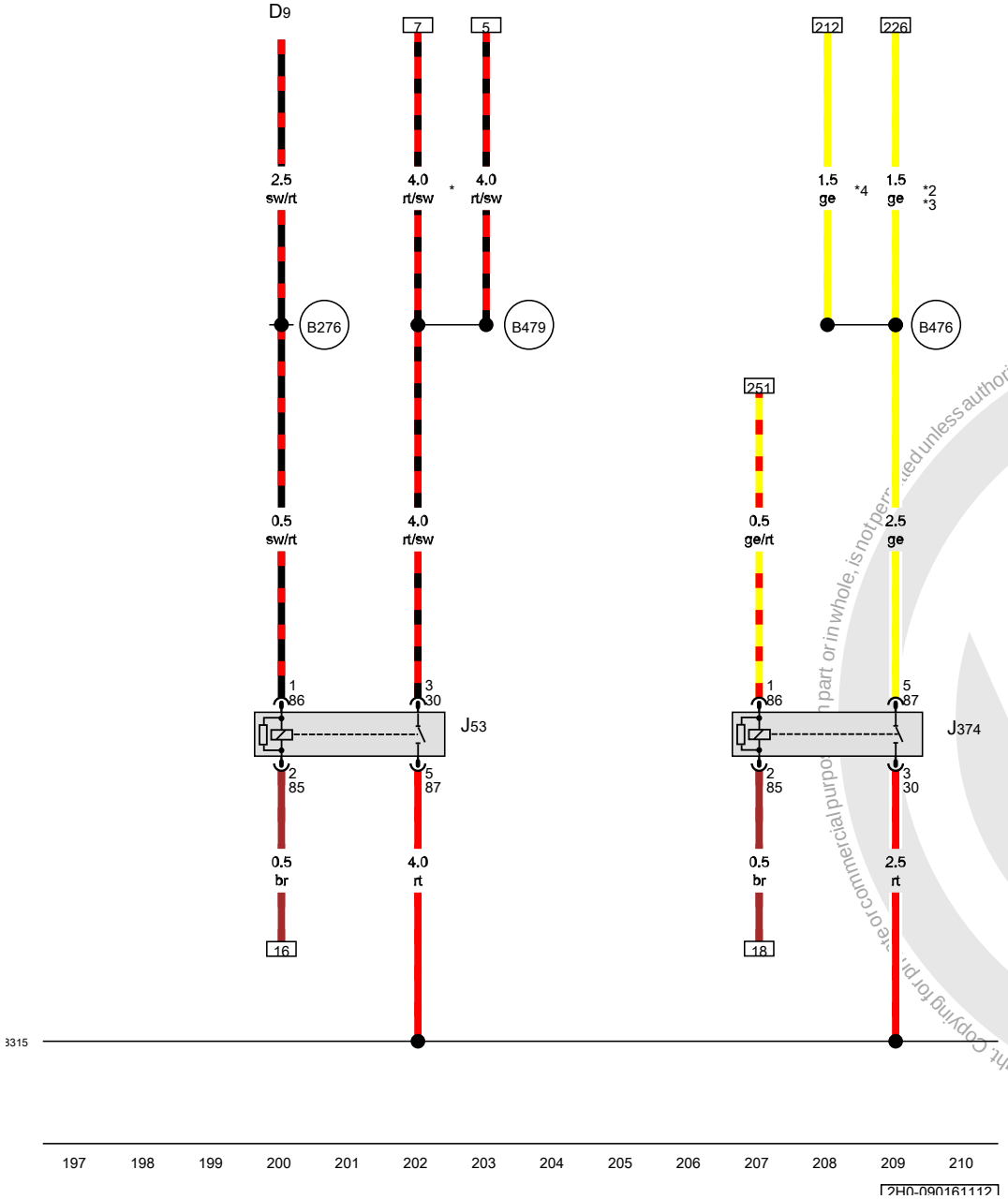
Starter motor relay, Terminal 58b relief relay

D9	Electronic ignition lock
J53	Starter motor relay
J374	Terminal 58b relief relay
B276	Positive connection (50), in main wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B476	Connection 12, in main wiring harness
B479	Connection 15, in main wiring harness
*	see applicable current flow diagram for engine
*2	Only models with Trendline equipment
*3	Only models with basic equipment
*4	Only models with no automatic headlight control with coming home



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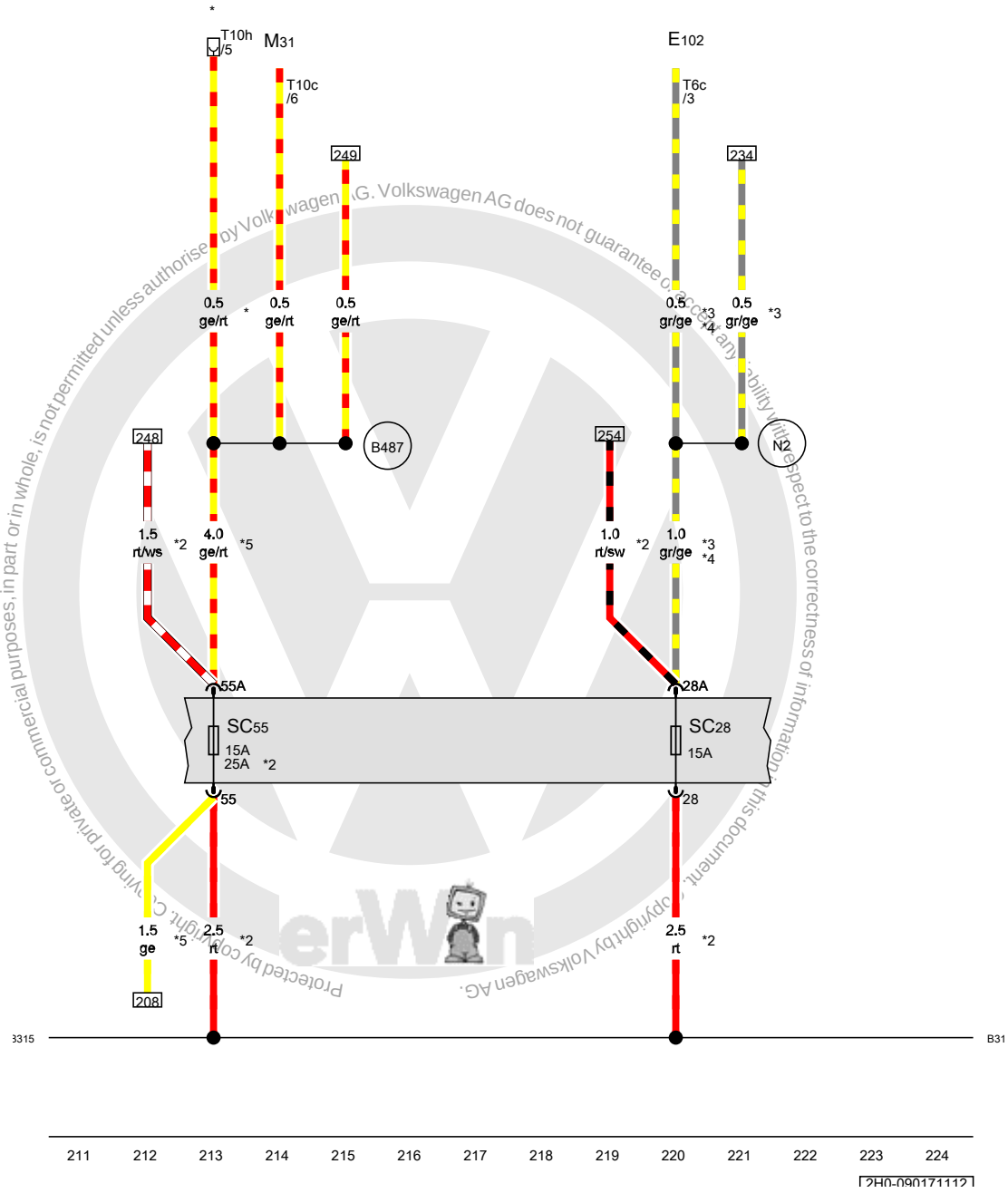

Fuse 28 on fuse holder C, Fuse 55 on fuse holder C

E102	Headlight range control regulator
M31	Right headlight dipped beam bulb
SC28	Fuse 28 on fuse holder C
SC55	Fuse 55 on fuse holder C
T6c	6-pin connector
T10c	10-pin connector, black
T10h	10-pin connector, purple
B315	Positive connection 1 (30a) in main wiring harness
B487	Connection 23, in main wiring harness
N2	Connection 1, in headlight range control wiring harness
*	Only models with electric interface for external use
*2	Only models with automatic driving lights control
*3	Only models with Highline equipment
*4	Coming home with rain sensor
*5	Only models with no automatic headlight control with coming home

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
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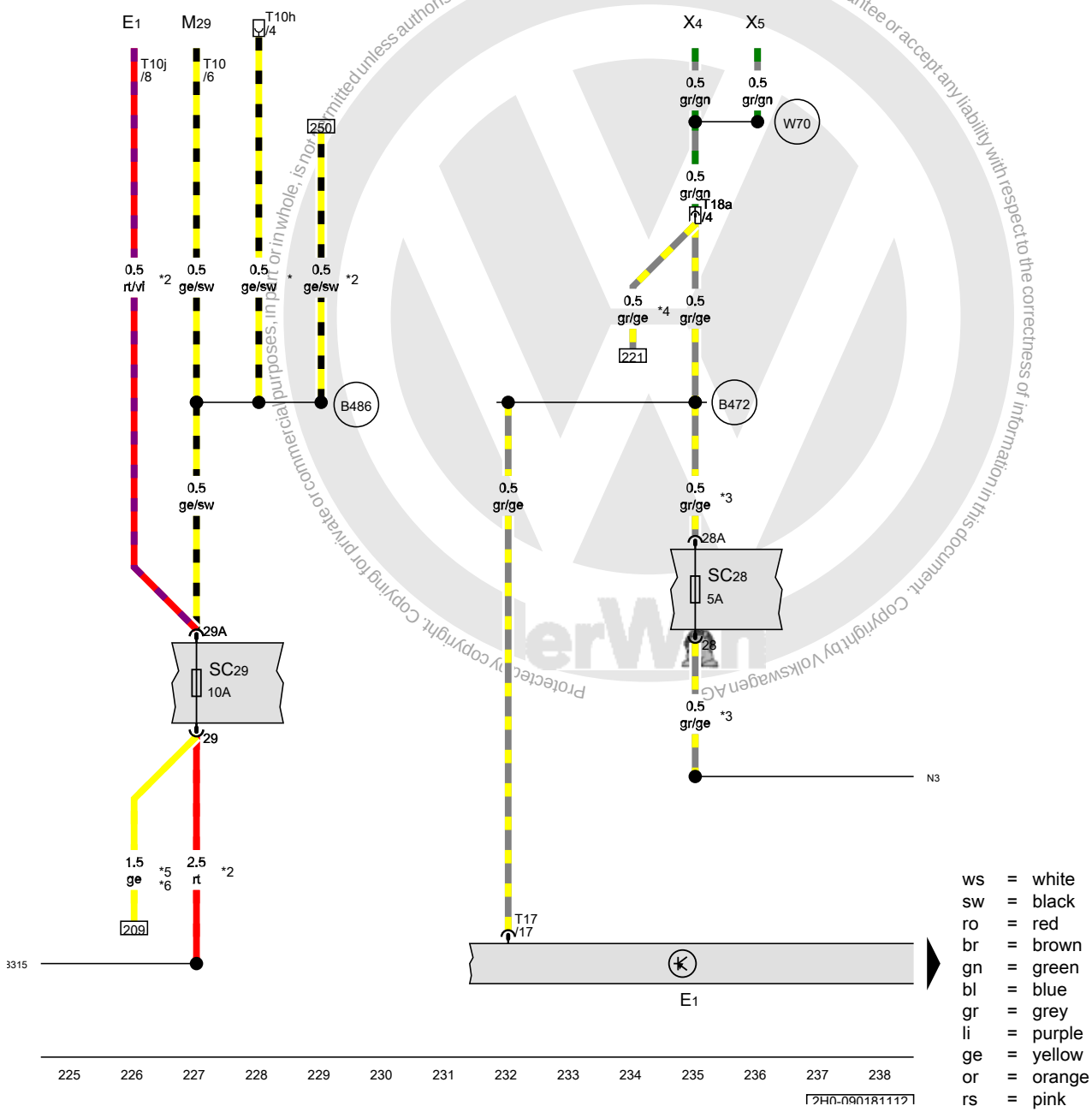

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Fuse 28 on fuse holder C, Fuse 29 on fuse holder C

E1	Light switch
M29	Left headlight dipped beam bulb
SC28	Fuse 28 on fuse holder C
SC29	Fuse 29 on fuse holder C
T10	10-pin connector
T10h	10-pin connector, purple
T10j	10-pin connector, black
T17	17-pin connector
T18a	18-pin connector, near engine control unit, grey
X4	Left number plate light
X5	Right number plate light
B315	Positive connection 1 (30a) in main wiring harness
B472	Connection 8, in main wiring harness
B486	Connection 22, in main wiring harness
N3	Connection 2, in headlight range control wiring harness
W70	Positive connection 2 (58), in number plate wiring harness
*	Only models with electric interface for external use
*2	Only models with automatic driving lights control
*3	Only models with no automatic headlight control with coming home
*4	Only models with Highline equipment
*5	Only models with Trendline equipment
*6	Only models with basic equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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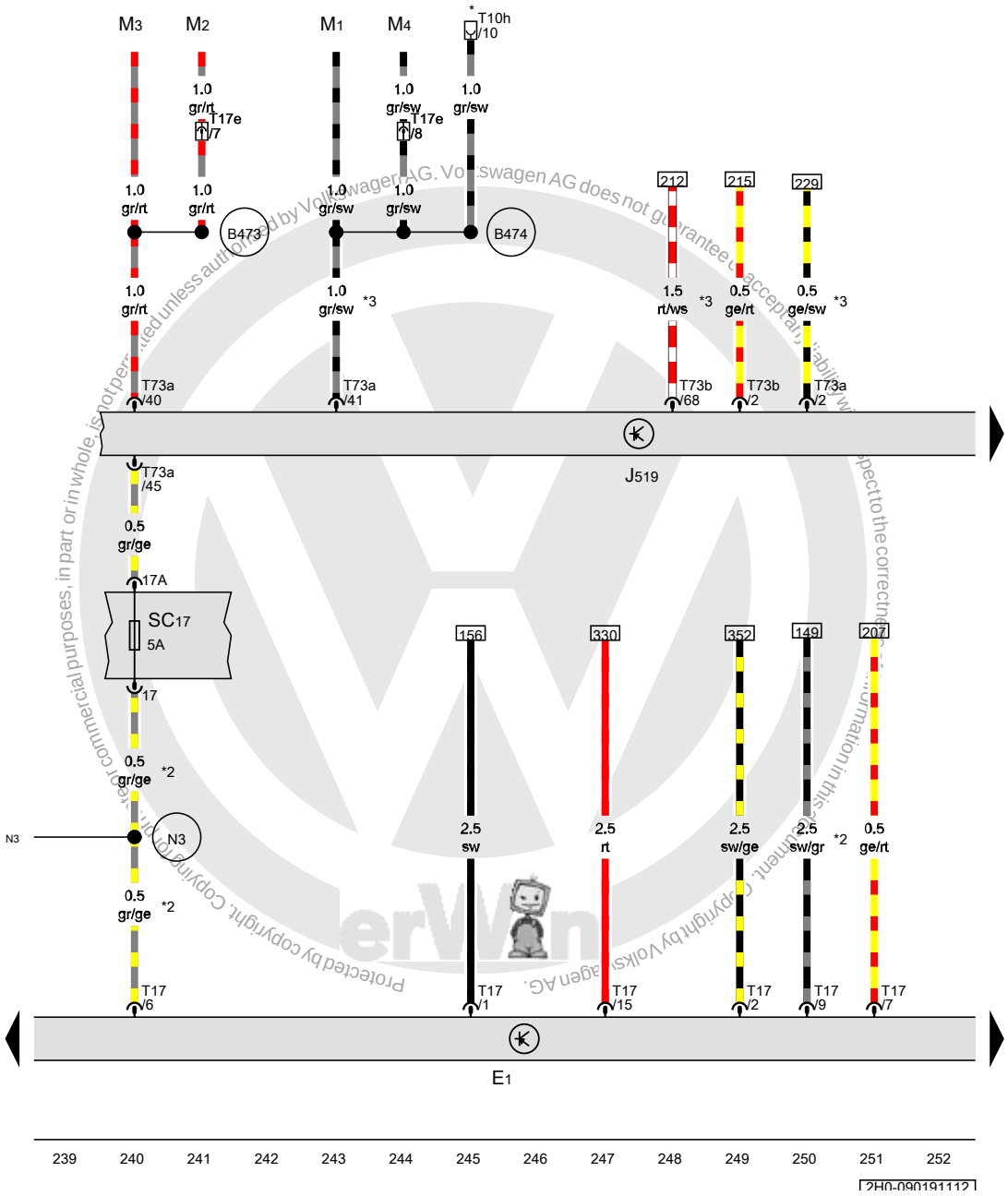

Fuse 17 on fuse holder C

E1	Light switch
J519	Onboard supply control unit
M1	Left side light bulb
M2	Right tail light bulb
M3	Right side light bulb
M4	Left tail light bulb
SC17	Fuse 17 on fuse holder C
T10h	10-pin connector, purple
T17	17-pin connector
T17e	17-pin connector, near handbrake lever, red
T73a	73-pin connector, black
T73b	73-pin connector, colourless
B473	Connection 9, in main wiring harness
B474	Connection 10, in main wiring harness
N3	Connection 2, in headlight range control wiring harness
*	Only models with electric interface for external use
*2	Only models with no automatic headlight control with coming home
*3	Only models with automatic driving lights control

ws	=	white
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ro	=	red
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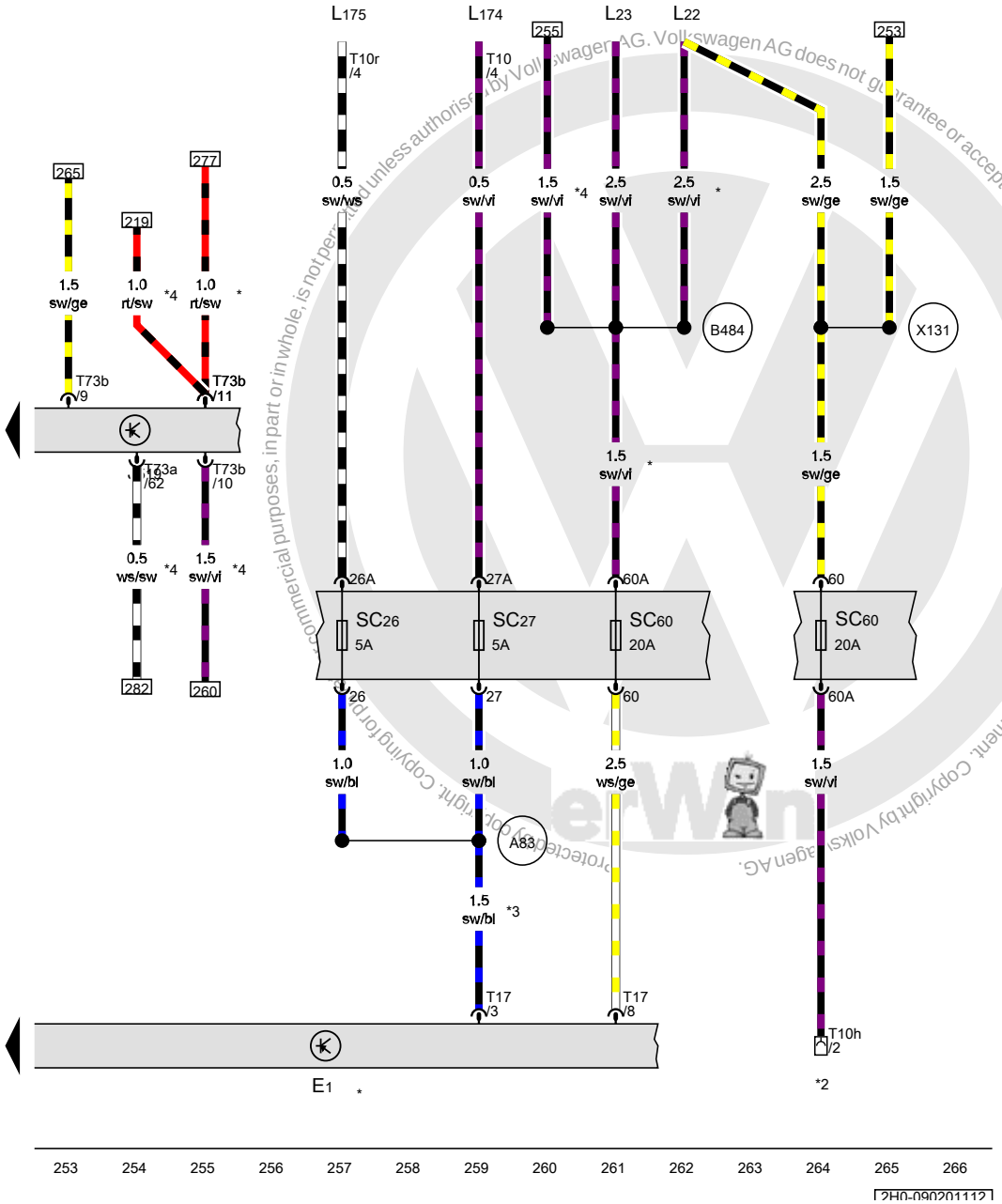

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Fuse 26 on fuse holder C, Fuse 27 on fuse holder C, Fuse 60 on fuse holder C

E1	Light switch
J519	Onboard supply control unit
L22	Left fog light bulb
L23	Right fog light bulb
L174	Left daytime running light bulb
L175	Right daytime running light bulb
SC26	Fuse 26 on fuse holder C
SC27	Fuse 27 on fuse holder C
SC60	Fuse 60 on fuse holder C
T10	10-pin connector
T10h	10-pin connector, purple
T10r	10-pin connector, black
T17	17-pin connector
T73a	73-pin connector, black
T73b	73-pin connector, colourless
A83	Connection (daytime running lights), in dash panel wiring harness
B484	Connection 20, in main wiring harness
X131	Connection 4, in optional equipment wiring harness
*	Only models with no automatic headlight control with coming home
*2	Only models with electric interface for external use
*3	Only models with daytime running lights
*4	Only models with automatic driving lights control

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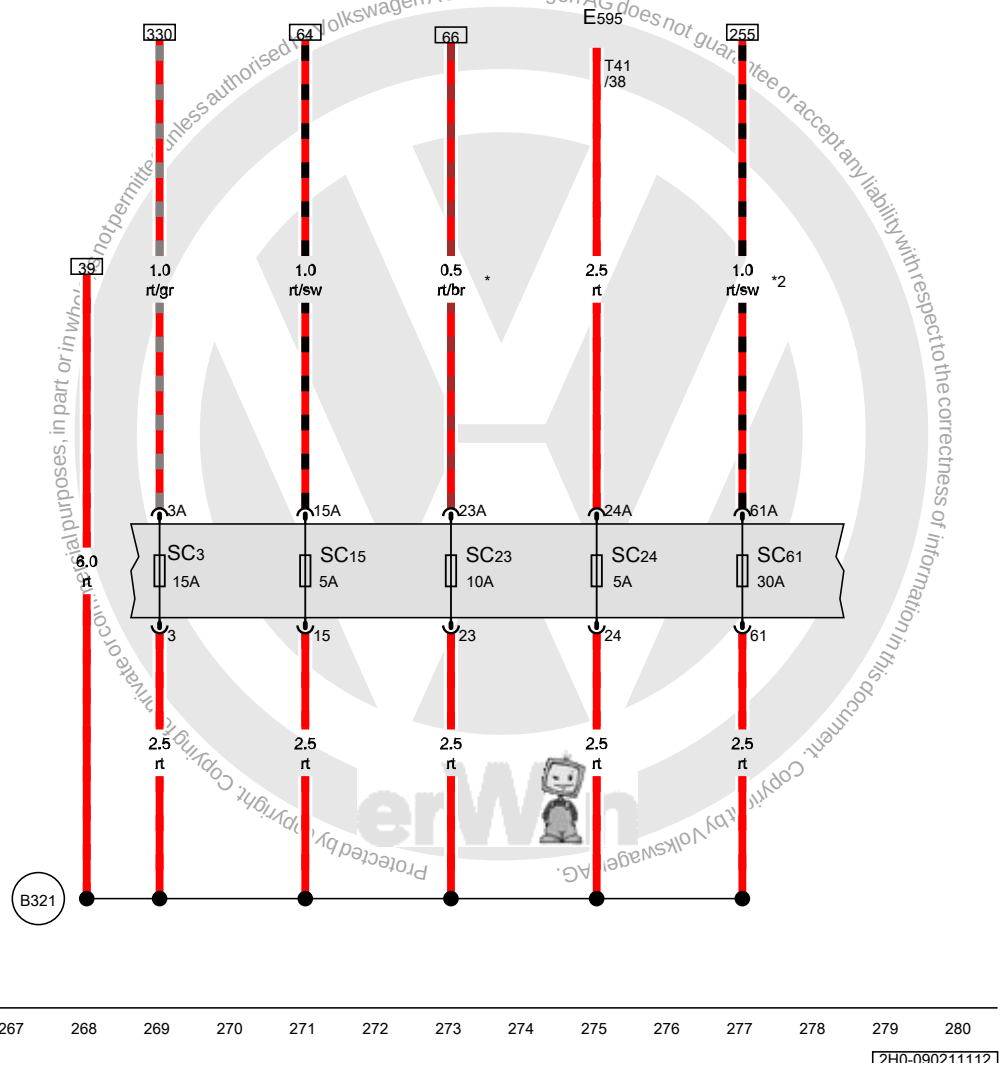

Fuse 3 on fuse holder C, Fuse 15 on fuse holder C, Fuse 23 on fuse holder C, Fuse 24 on fuse holder C, Fuse 61 on fuse holder C

E595	Steering column combination switch
SC3	Fuse 3 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC23	Fuse 23 on fuse holder C
SC24	Fuse 24 on fuse holder C
SC61	Fuse 61 on fuse holder C
T41	41-pin connector, grey
B321	Positive connection 7 (30a) in main wiring harness
*	see applicable current flow diagram for engine
*2	Only models with no automatic headlight control with coming home

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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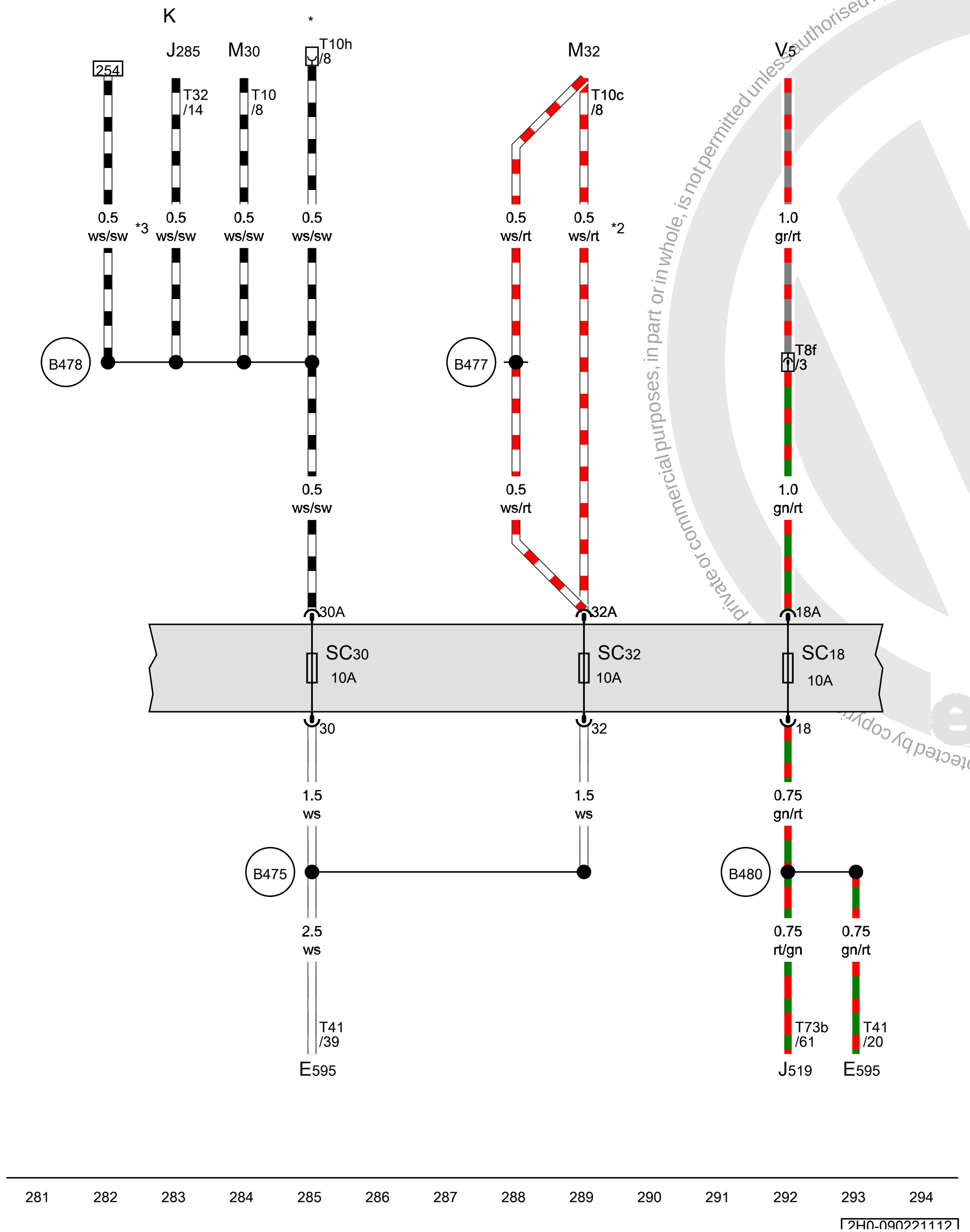

Fuse 18 on fuse holder C, Fuse 30 on fuse holder C, Fuse 32 on fuse holder C

E595	Steering column combination switch
J285	Control unit in dash panel insert
J519	Onboard supply control unit
K	Dash panel insert
M30	Left headlight main beam bulb
M32	Right headlight main beam bulb
SC18	Fuse 18 on fuse holder C
SC30	Fuse 30 on fuse holder C
SC32	Fuse 32 on fuse holder C
T8f	8-pin connector, in rear right of engine compartment, black
T10	10-pin connector
T10c	10-pin connector, black
T10h	10-pin connector, purple
T32	32-pin connector, blue
T41	41-pin connector, grey
T73b	73-pin connector, colourless
V5	Washer pump
B475	Connection 11, in main wiring harness
B477	Connection 13, in main wiring harness
B478	Connection 14, in main wiring harness
B480	Connection 16, in main wiring harness
*	Only models with interface for special functions
*2	Only models with no electric interface
*3	Only models with automatic driving lights control

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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or	=	orange
rs	=	pink

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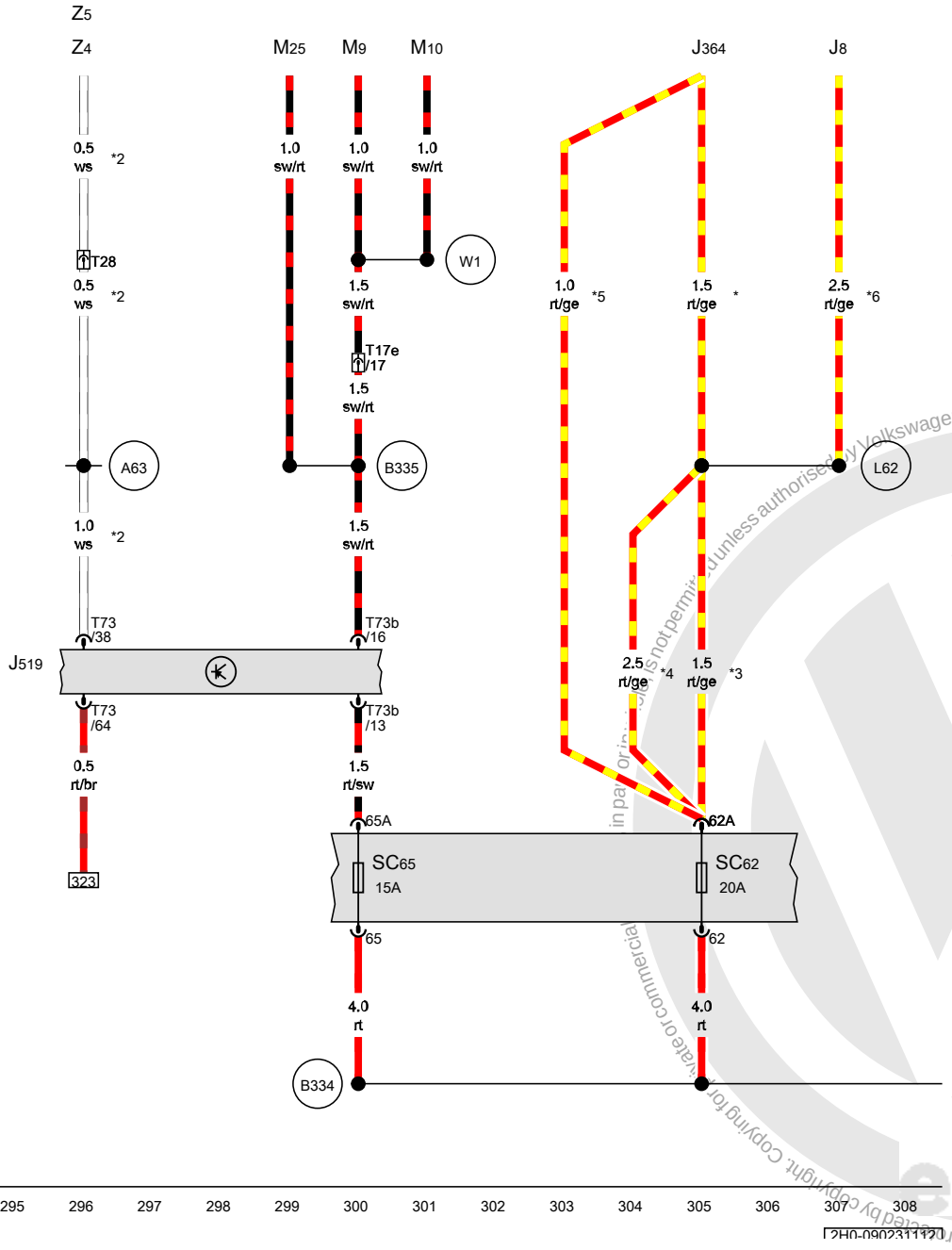

Fuse 62 on fuse holder C, Fuse 65 on fuse holder C

J8	Auxiliary heater relay
J364	Auxiliary heater control unit
J519	Onboard supply control unit
M9	Left brake light bulb
M10	Right brake light bulb
M25	Additional brake light bulb
SC62	Fuse 62 on fuse holder C
SC65	Fuse 65 on fuse holder C
T17e	17-pin connector, near handbrake lever, red
T28	28-pin connector, on right A-pillar, black
T73	73-pin connector, black
T73b	73-pin connector, colourless
Z4	Heated exterior mirror on driver side
Z5	Heated exterior mirror on front passenger side
A63	Connection (mirror adjustment/heating), in dash panel wiring harness
B334	Positive connection 20 (30a) in main wiring harness
B335	Connection 1 (54), in main wiring harness
L62	Positive connection (30a), in auxiliary heater wiring harness
W1	Positive connection 1 (54), in rear wiring harness
*	Only models with air conditioning system/ Climatronic
*2	see applicable current flow diagram for window regulators/ basic equipment/ convenience system
*3	Only models with Climatronic
*4	Only models with Climatic
*5	Only models with no air conditioning system/Climatronic
*6	see applicable current flow diagram for auxiliary coolant heater

ws	=	white
sw	=	black
ro	=	red
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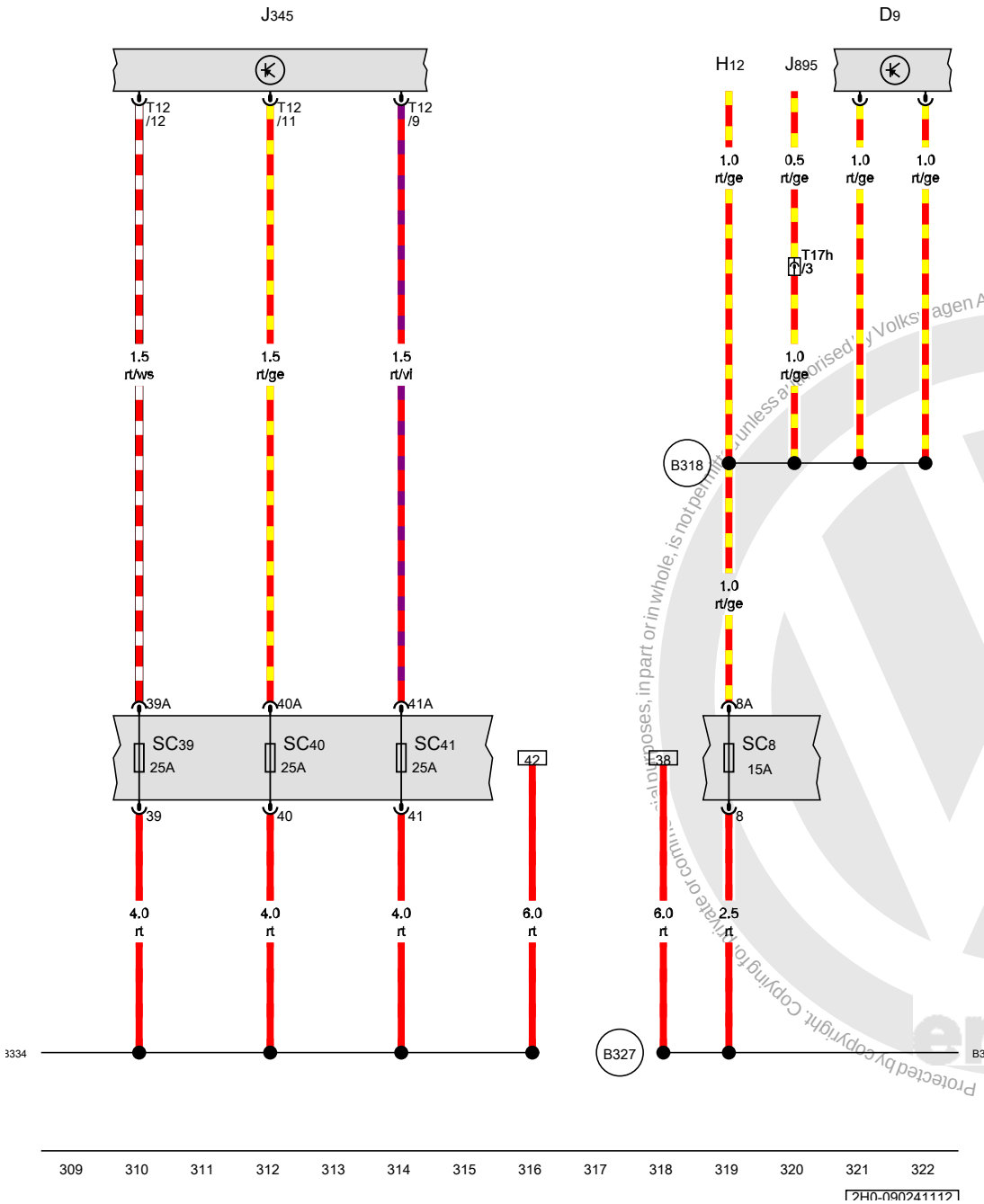

Fuse 8 on fuse holder C, Fuse 39 on fuse holder C, Fuse 40 on fuse holder C, Fuse 41 on fuse holder C

D9	Electronic ignition lock
H12	Alarm horn
J345	Trailer detector control unit
J895	Control unit for vehicle location system
SC8	Fuse 8 on fuse holder C
SC39	Fuse 39 on fuse holder C
SC40	Fuse 40 on fuse holder C
SC41	Fuse 41 on fuse holder C
T12	12-pin connector, red
T17h	17-pin connector, on left under dash panel, blue
B318	Positive connection 4 (30a) in main wiring harness
B327	Positive connection 13 (30a) in main wiring harness
B334	Positive connection 20 (30a) in main wiring harness

ws	=	white
sw	=	black
ro	=	red
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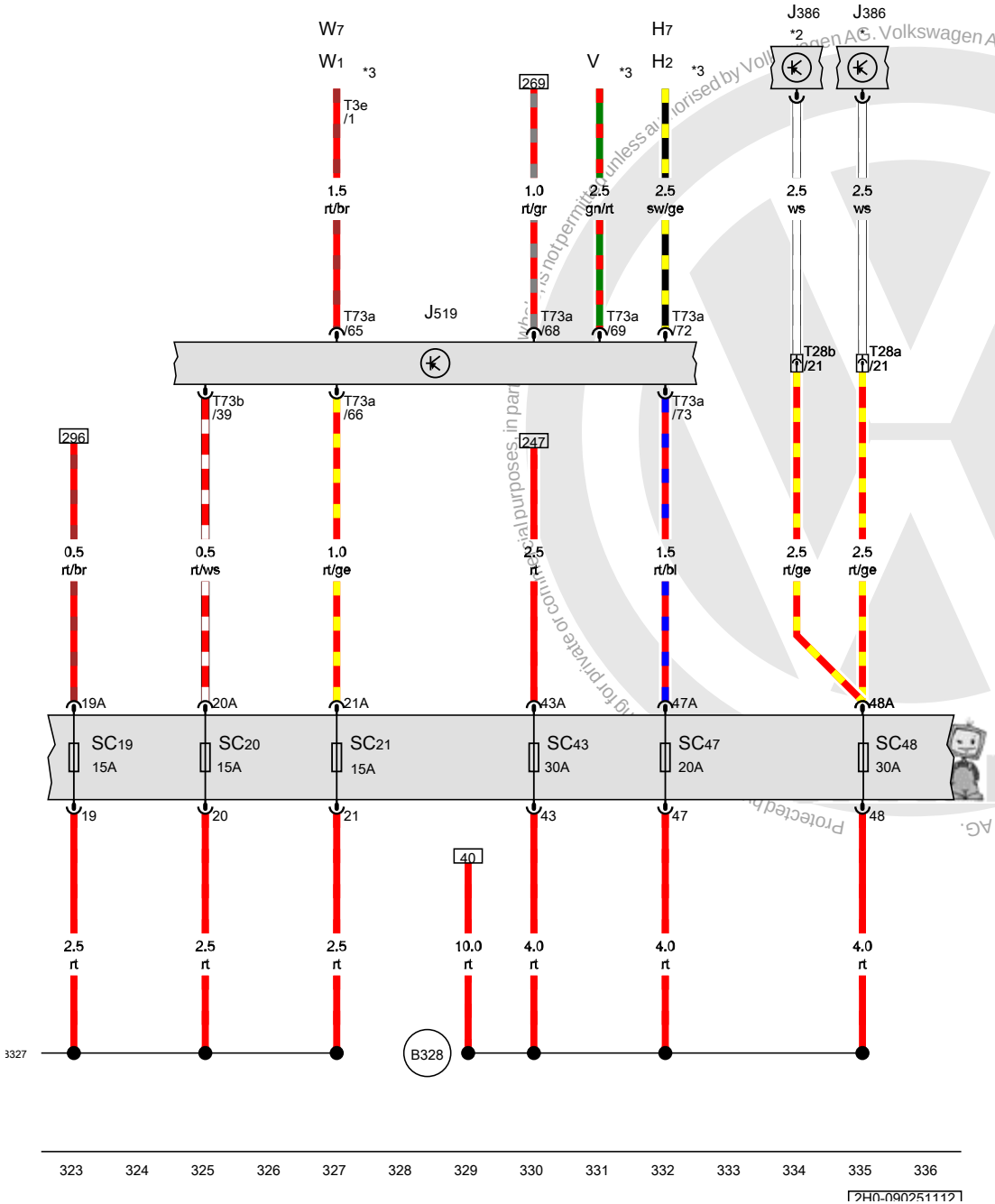

Fuse 19 on fuse holder C, Fuse 20 on fuse holder C, Fuse 21 on fuse holder C, Fuse 43 on fuse holder C, Fuse 47 on fuse holder C, Fuse 48 on fuse holder C

H2	Treble horn
H7	Bass horn
J386	Driver door control unit
J519	Onboard supply control unit
SC19	Fuse 19 on fuse holder C
SC20	Fuse 20 on fuse holder C
SC21	Fuse 21 on fuse holder C
SC43	Fuse 43 on fuse holder C
SC47	Fuse 47 on fuse holder C
SC48	Fuse 48 on fuse holder C
T3e	3-pin connector
T28a	28-pin connector, in left A-pillar, black
T28b	28-pin connector, on right A-pillar
T73a	73-pin connector, black
T73b	73-pin connector, colourless
V	Windscreen wiper motor
W1	Front interior light
W7	Centre interior light
B327	Positive connection 13 (30a) in main wiring harness
B328	Positive connection 14 (30a) in main wiring harness
*	Only left-hand drive models
*2	Only right-hand drive models
*3	see applicable current flow diagram for basic equipment

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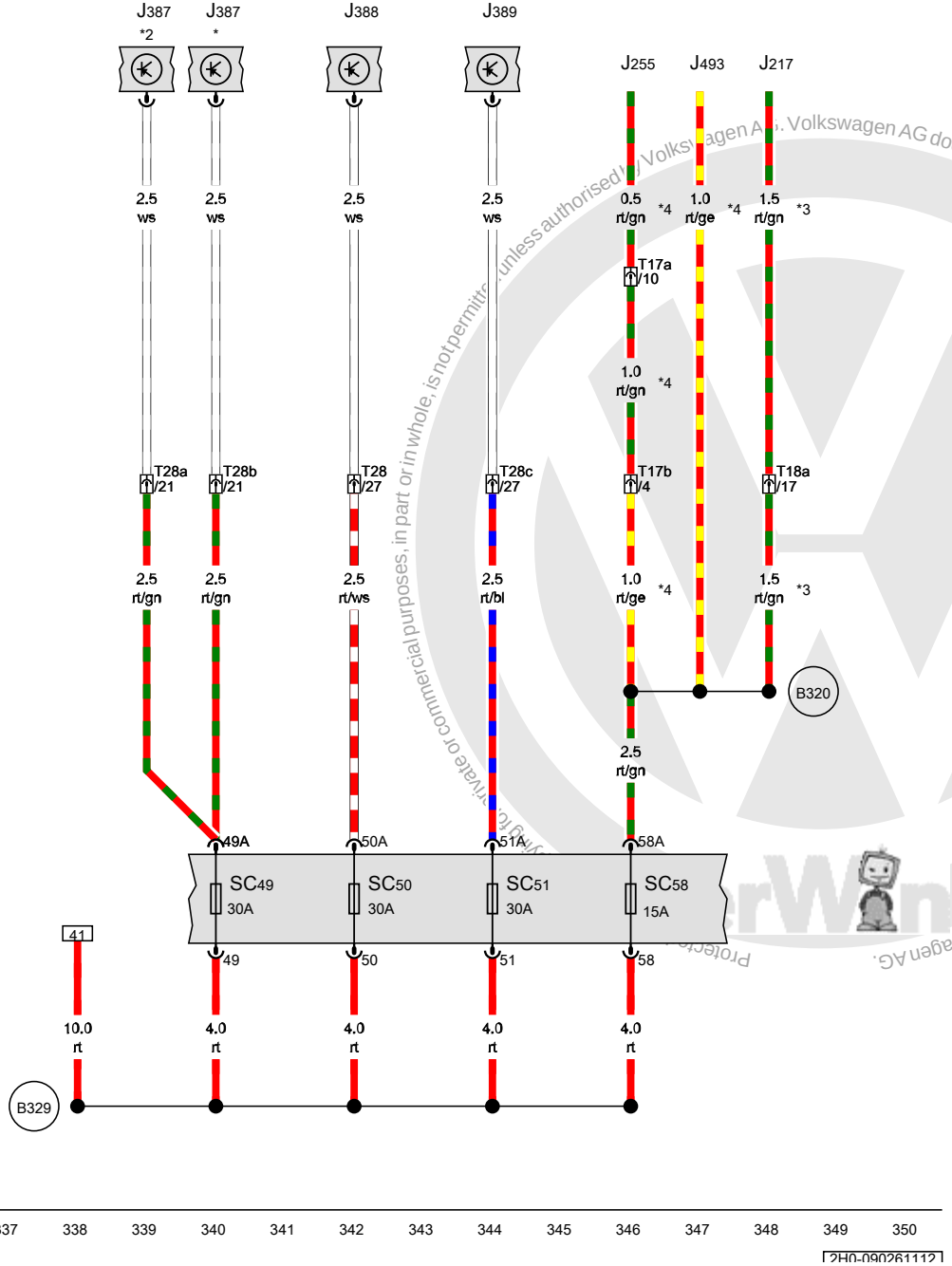

Fuse 49 on fuse holder C, Fuse 50 on fuse holder C, Fuse 51 on fuse holder C, Fuse 58 on fuse holder C

J217	Automatic gearbox control unit
J255	Climatronic control unit
J387	Front passenger door control unit
J388	Rear left door control unit
J389	Rear right door control unit
J493	Auxiliary coolant heater relay
SC49	Fuse 49 on fuse holder C
SC50	Fuse 50 on fuse holder C
SC51	Fuse 51 on fuse holder C
SC58	Fuse 58 on fuse holder C
T17a	17-pin connector, on left under dash panel, green
T17b	17-pin connector, on left under dash panel, green
T18a	18-pin connector, near engine control unit, grey
T28	28-pin connector, on right A-pillar, black
T28a	28-pin connector, in left A-pillar, black
T28b	28-pin connector, on right A-pillar
T28c	28-pin connector, black
B320	Positive connection 6 (30a) in main wiring harness
B329	Positive connection 15 (30a) in main wiring harness
*	Only left-hand drive models
*2	Only right-hand drive models
*3	Only models with automatic gearbox
*4	see applicable current flow diagram for air conditioning

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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or	=	orange
rs	=	pink

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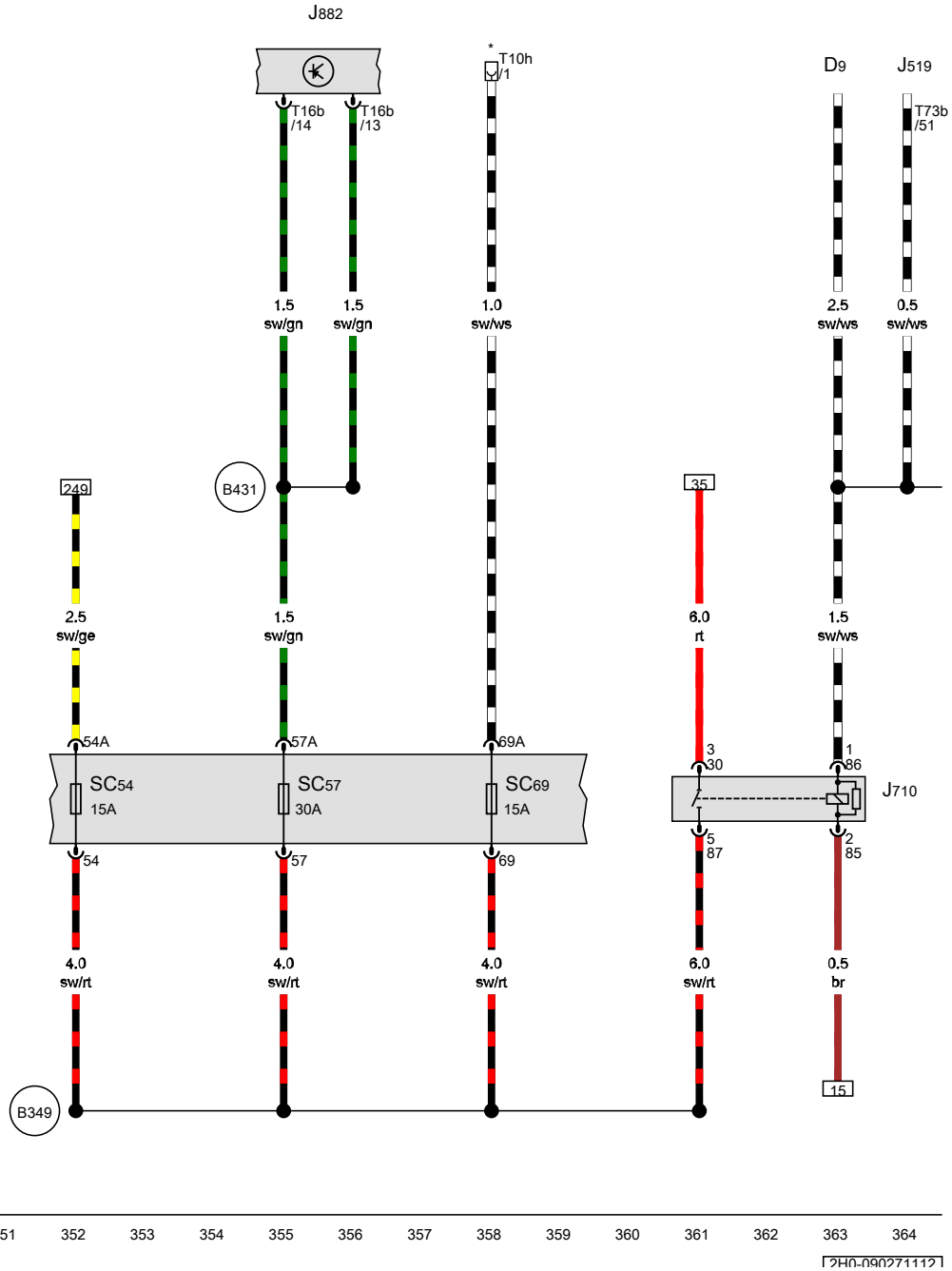

Voltage supply relay 2, Fuse 54 on fuse holder C, Fuse 57 on fuse holder C, Fuse 69 on fuse holder C

D9	Electronic ignition lock
J519	Onboard supply control unit
J710	Voltage supply relay 2
J882	Seat heating control unit
SC54	Fuse 54 on fuse holder C
SC57	Fuse 57 on fuse holder C
SC69	Fuse 69 on fuse holder C
T10h	10-pin connector, purple
T16b	16-pin connector, black
T73b	73-pin connector, colourless
B349	Connection 2 (75a), in main wiring harness
B431	Connection (seat heating), in main wiring harness
B490	Connection 26, in main wiring harness
*	Only models with electric interface for external use

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
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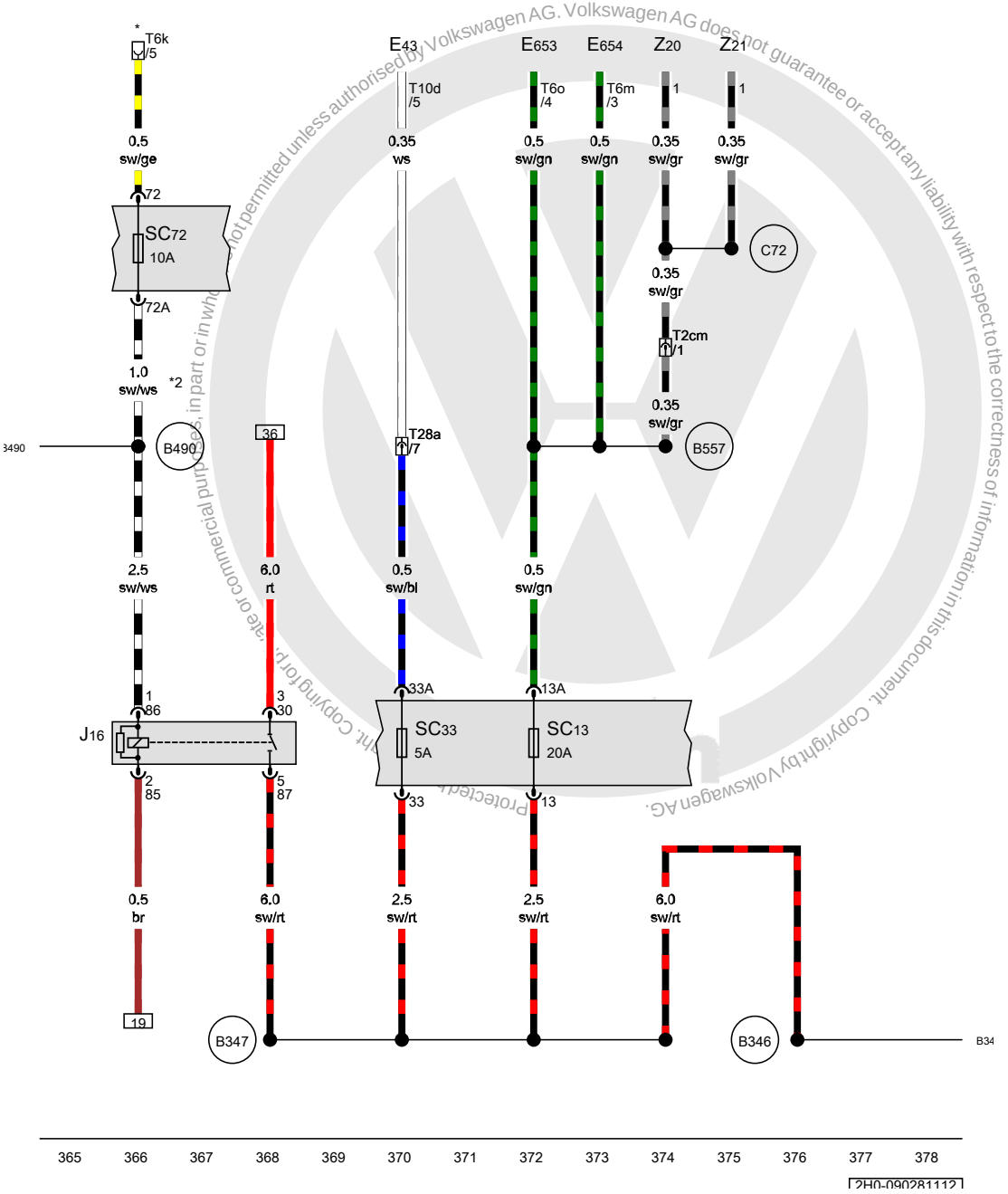

Current supply relay, Fuse 13 on fuse holder C, Fuse 33 on fuse holder C, Fuse 72 on fuse holder C

E43	Mirror adjustment switch
E653	Button for left seat heating
E654	Button for right seat heating
J16	Current supply relay
SC13	Fuse 13 on fuse holder C
SC33	Fuse 33 on fuse holder C
SC72	Fuse 72 on fuse holder C
T2cm	2-pin connector, near window wiper motor, black
T6k	6-pin connector, in left footwell, near centre console, black
T6m	6-pin connector, white
T6o	6-pin connector, blue
T10d	10-pin connector
T28a	28-pin connector, in left A-pillar, black
Z20	Left washer jet heater element
Z21	Right washer jet heater element
B346	Connection 1 (75), in main wiring harness
B347	Connection 2 (75), in main wiring harness
B490	Connection 26, in main wiring harness
B557	Positive connection 21 (30a) in main wiring harness
C72	Positive connection in heated washer jet wiring harness
*	Only models with electric interface for external use
*2	Only models with fog lights

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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or	=	orange
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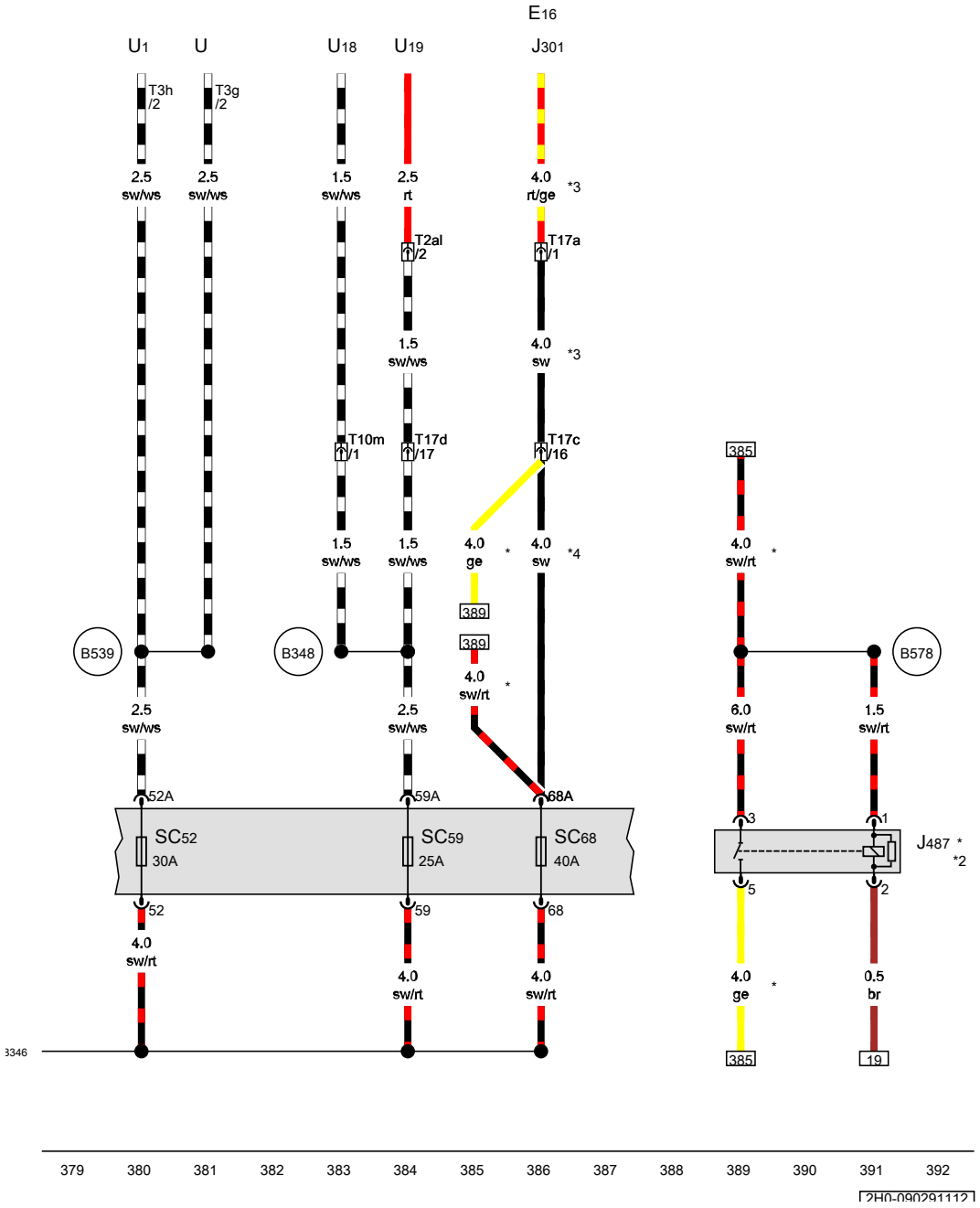

Fuse 52 on fuse holder C, Fuse 59 on fuse holder C, Fuse 68 on fuse holder C

E16	Heater/heat output switch
J301	Air conditioning system control unit
J487	Fresh air blower isolation relay
SC52	Fuse 52 on fuse holder C
SC59	Fuse 59 on fuse holder C
SC68	Fuse 68 on fuse holder C
T2al	2-pin connector, in rear left wheel housing
T3g	3-pin connector
T3h	3-pin connector, transparent
T10m	10-pin connector, near handbrake lever, brown
T17a	17-pin connector, on left under dash panel, green
T17c	17-pin connector, on left under dash panel, white
T17d	17-pin connector, on left under dash panel, green
U	Electric socket, on centre console switch module
U1	Cigarette lighter, on centre console switch module
U18	12 V socket 2, in storage compartment, in centre of dash panel
U19	12 V socket 3, in rear left wheel housing
B346	Connection 1 (75), in main wiring harness
B348	Connection 1 (75a), in main wiring harness
B539	Connection 30, in main wiring harness
B578	Positive connection 2 (75), in interior wiring harness
*	Only models with auxiliary coolant heater
*2	Only models with Climatic
*3	see applicable current flow diagram
*4	Only models with no Climatronic

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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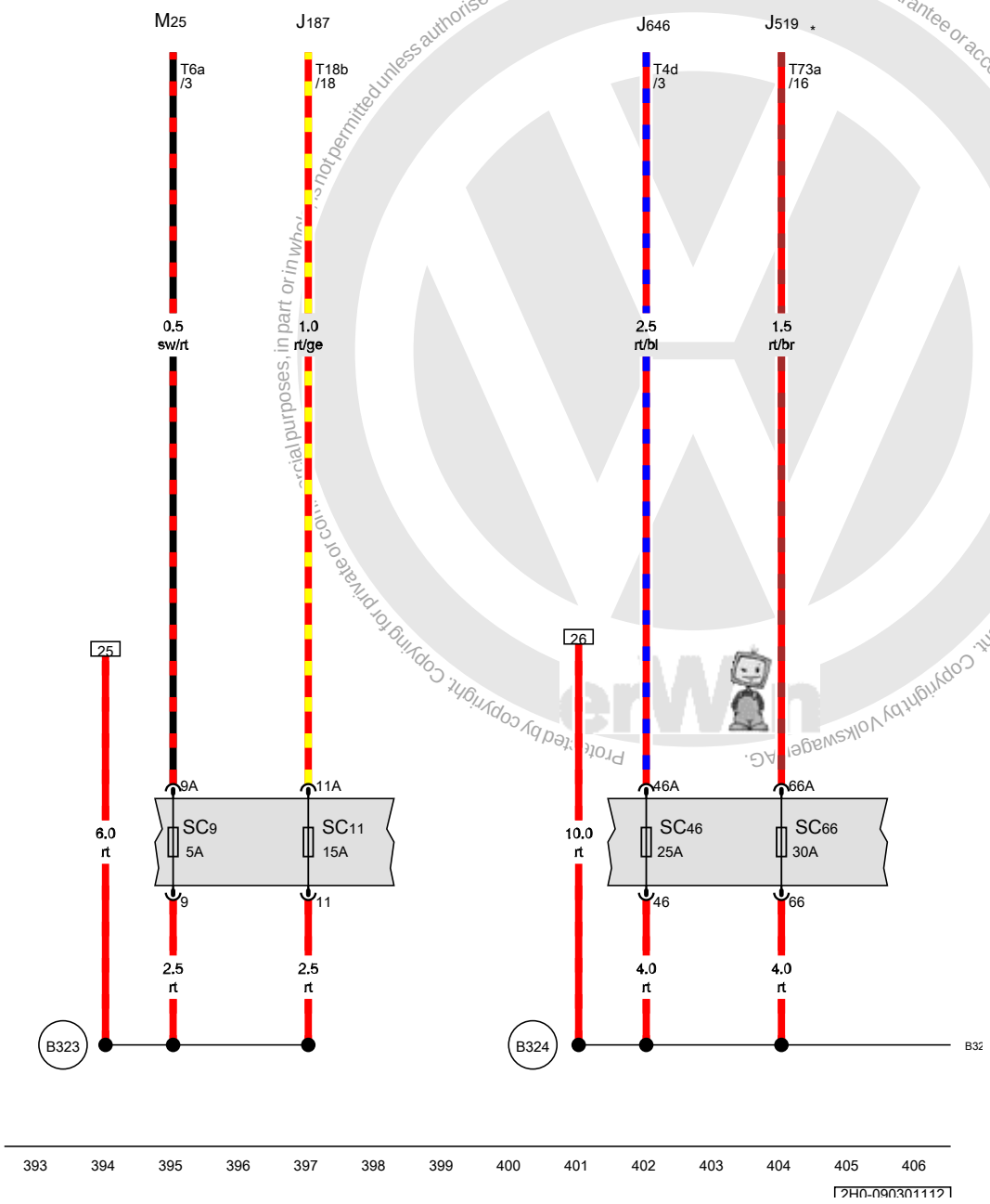

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Fuse 9 on fuse holder C, Fuse 11 on fuse holder C, Fuse 46 on fuse holder C, Fuse 66 on fuse holder C

J187	Differential lock control unit
J519	Onboard supply control unit
J646	Transfer box control unit
M25	Additional brake light bulb
SC9	Fuse 9 on fuse holder C
SC11	Fuse 11 on fuse holder C
SC46	Fuse 46 on fuse holder C
SC66	Fuse 66 on fuse holder C
T4d	4-pin connector
T6a	6-pin connector
T18b	18-pin connector, black
T73a	73-pin connector, black
B323	Positive connection 9 (30a) in main wiring harness
B324	Positive connection 10 (30a) in main wiring harness
*	see applicable current flow diagram for basic equipment/ central locking

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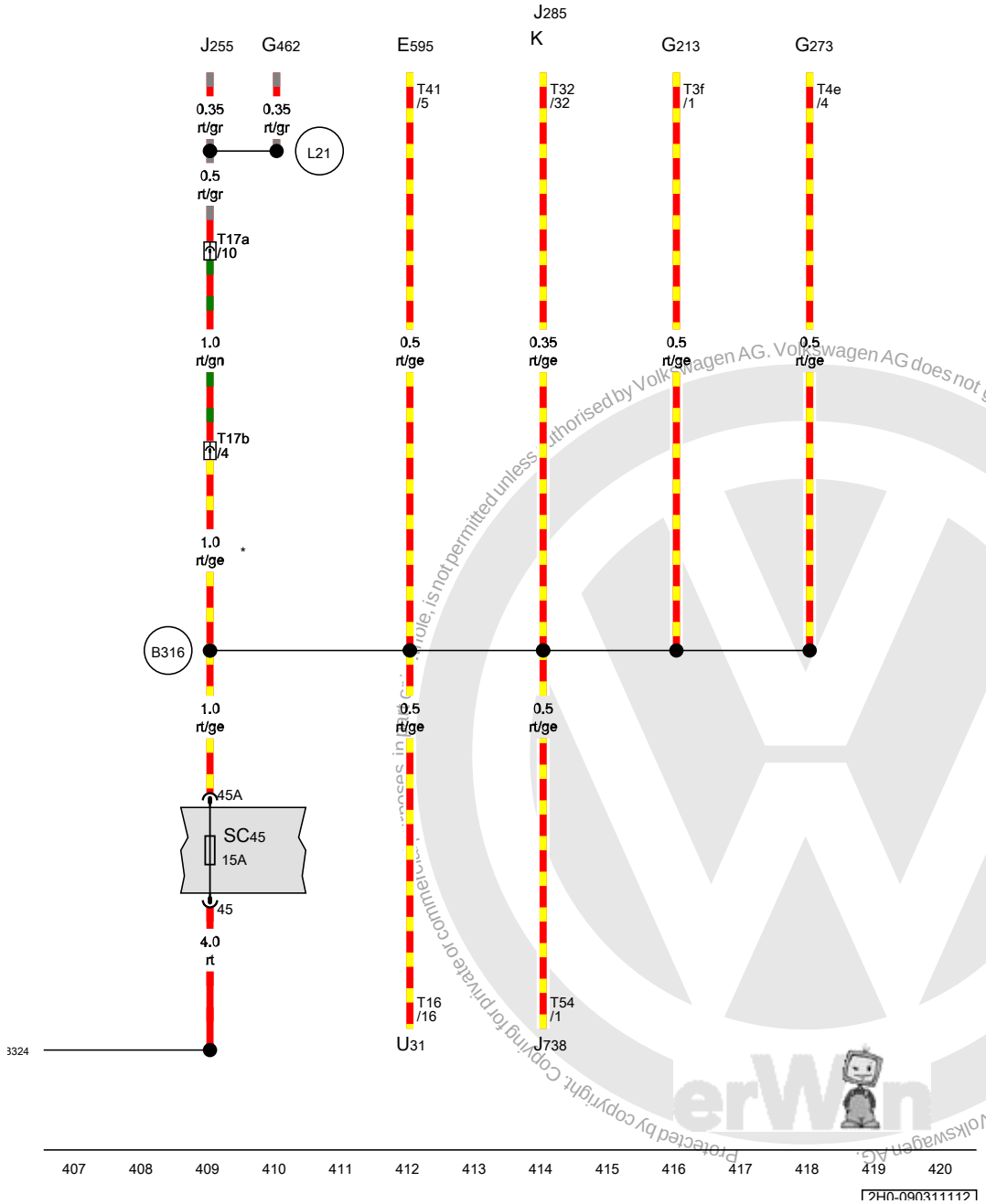

ws = white
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ro = red
br = brown
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rs = pink

Steering column combination switch, Rain sensor, Interior monitoring sensor, Telephone controls control unit, Dash panel insert, Fuse 45 on fuse holder C, Diagnostic connection

E595	Steering column combination switch
G213	Rain sensor
G273	Interior monitoring sensor
G462	Sender for front Bitron blower regulation
J255	Climatronic control unit
J285	Control unit in dash panel insert
J738	Telephone controls control unit
K	Dash panel insert
SC45	Fuse 45 on fuse holder C
T3f	3-pin connector, black
T4e	4-pin connector
T16	16-pin connector, black
T17a	17-pin connector, on left under dash panel, green
T17b	17-pin connector, on left under dash panel, green
T32	32-pin connector, blue
T41	41-pin connector, grey
T54	54-pin connector
U31	Diagnostic connection
B316	Positive connection 2 (30a) in main wiring harness
B324	Positive connection 10 (30a) in main wiring harness
L21	Connection 1 (30), in Climatronic operating unit wiring harness
*	Only models with Climatronic

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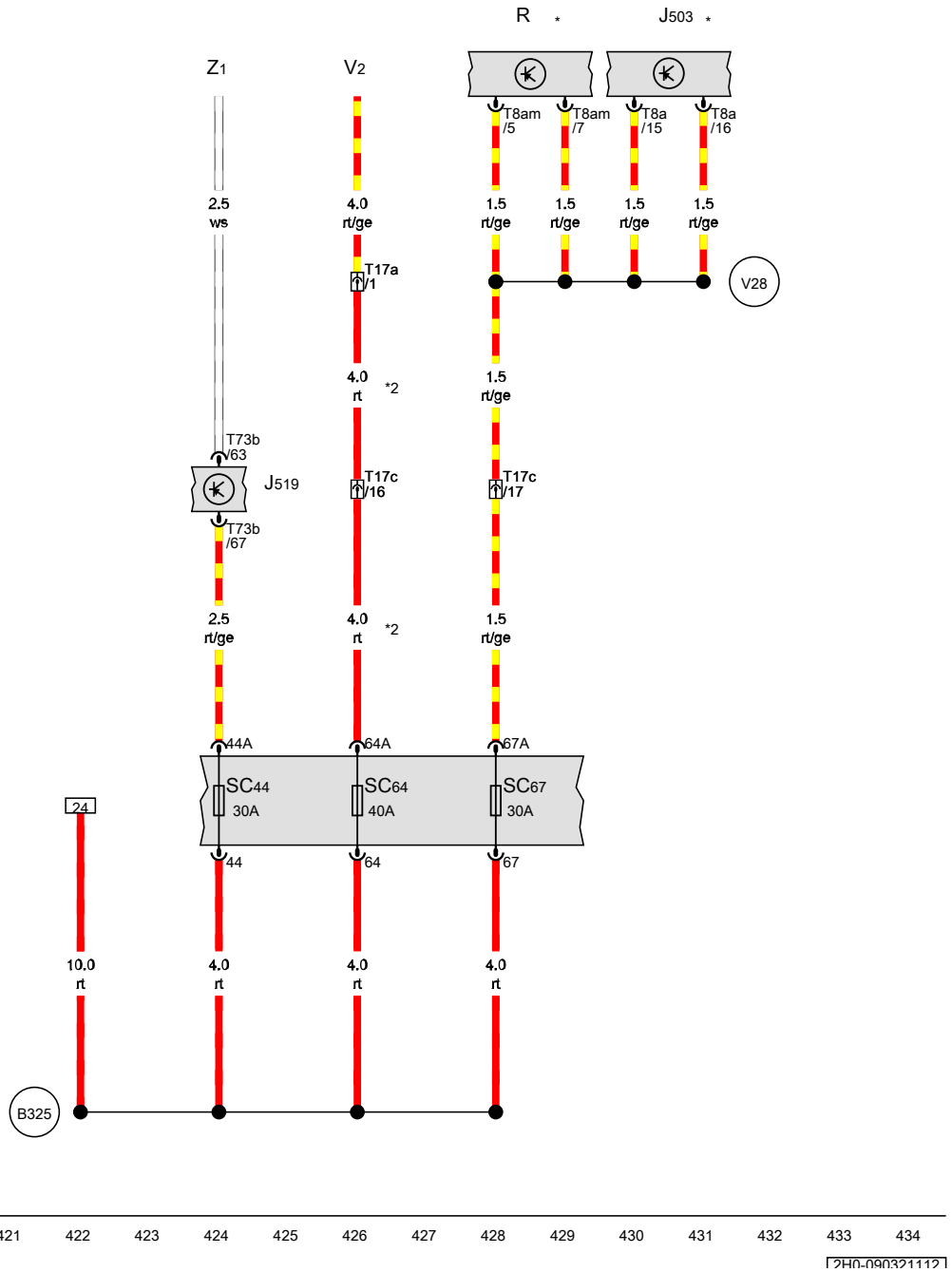

Fuse 44 on fuse holder C, Fuse 64 on fuse holder C, Fuse 67 on fuse holder C

J503	Control unit with display for radio and navigation
J519	Onboard supply control unit
R	Radio
SC44	Fuse 44 on fuse holder C
SC64	Fuse 64 on fuse holder C
SC67	Fuse 67 on fuse holder C
T8a	8-pin connector, black
T8am	8-pin connector, black
T17a	17-pin connector, on left under dash panel, green
T17c	17-pin connector, on left under dash panel, black
T73b	73-pin connector, colourless
V2	Fresh air blower
Z1	Heated rear window
B325	Positive connection 11 (30a) in main wiring harness
V28	Connection 1, in radio wiring harness
*	According to equipment
*2	Only models with Climatronic

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
bl	=	blue
gr	=	grey
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Fuse assignment for models with start/stop system , (7L6)

From January 2013

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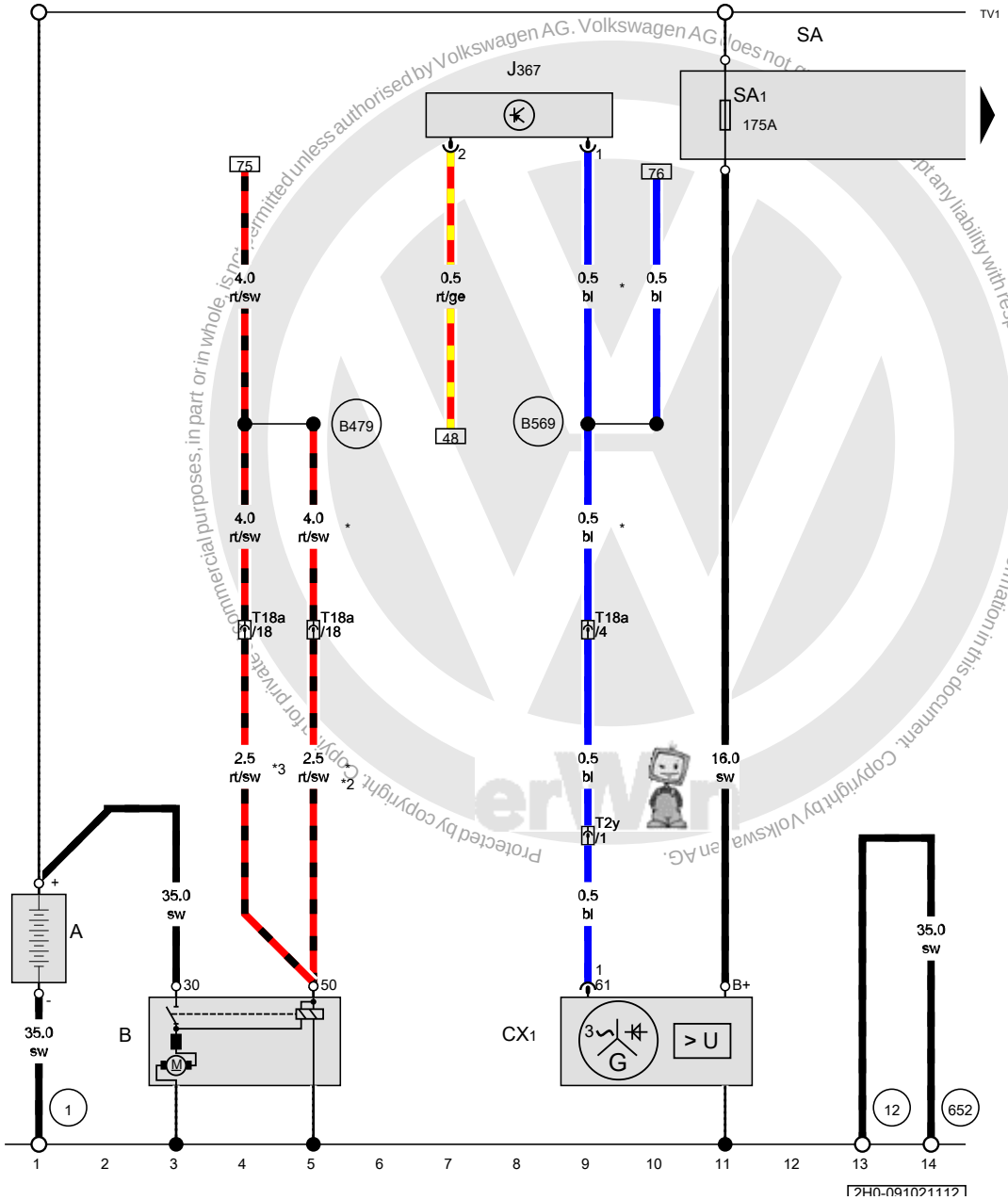
Battery, Starter, Alternator with voltage regulator, Battery monitor control unit, Fuse holder A



A	Battery
B	Starter
CX1	Alternator with voltage regulator
J367	Battery monitor control unit
SA	Fuse holder A
SA1	Fuse 1 in fuse holder A
T2y	2-pin connector, black
T18a	18-pin connector, near engine control unit, grey
1	Earth strap, battery - body
12	Earth point, on left in engine compartment
652	Earth point, engine and gearbox earth
B479	Connection 15, in main wiring harness
B569	Connection 36, in main wiring harness
*	see applicable current flow diagram for engine
*2	Only models with diesel engine
*3	Only models with petrol engine

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
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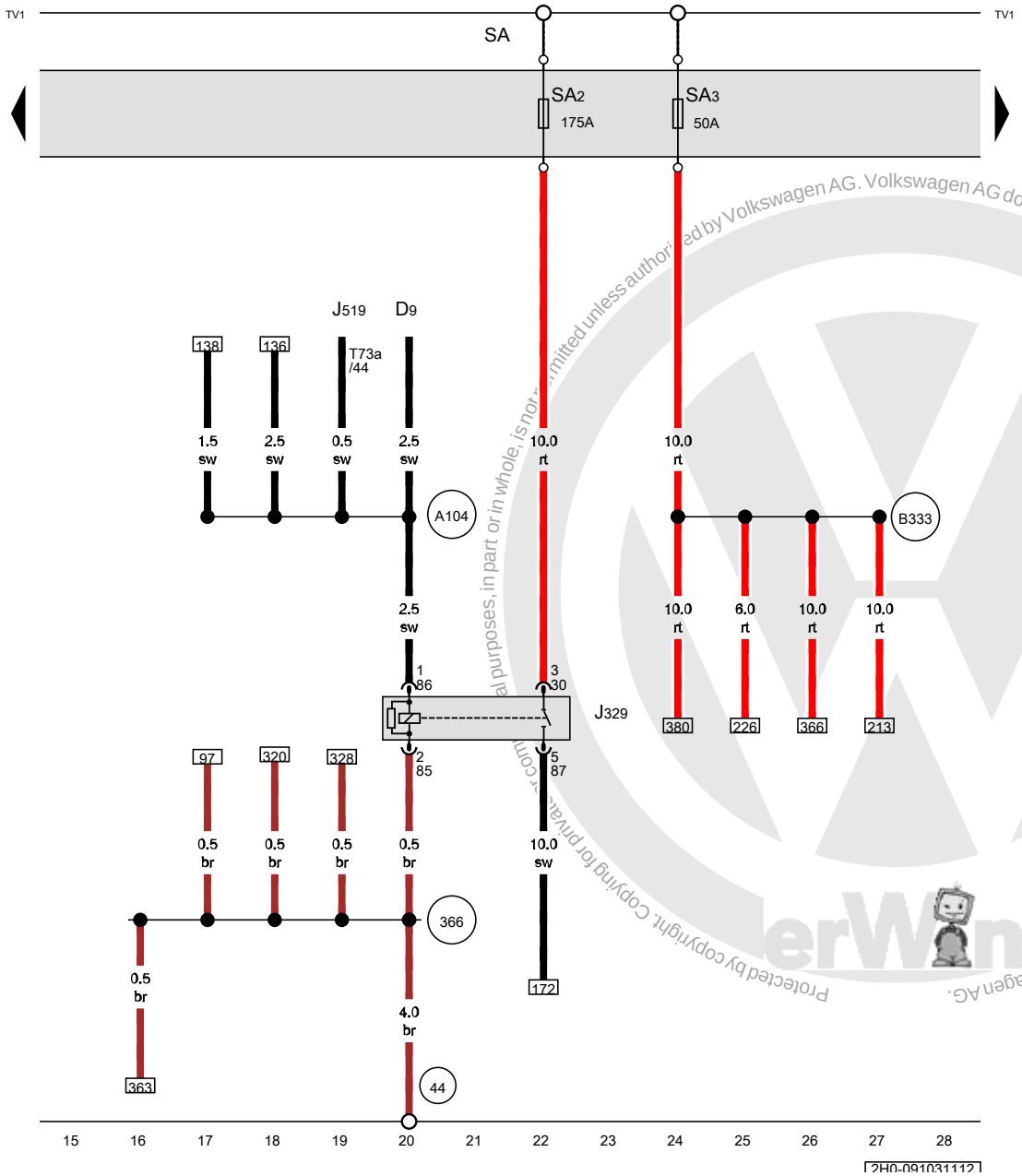
Terminal 15 voltage supply relay, Fuse holder A

D9	Electronic ignition lock
J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
SA	Fuse holder A
SA2	Fuse 2 in fuse holder A
SA3	Fuse 3 in fuse holder A
T73a	73-pin connector
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
A104	Positive connection 2 (15), in dash panel wiring harness
B333	Positive connection 19 (30a) in main wiring harness



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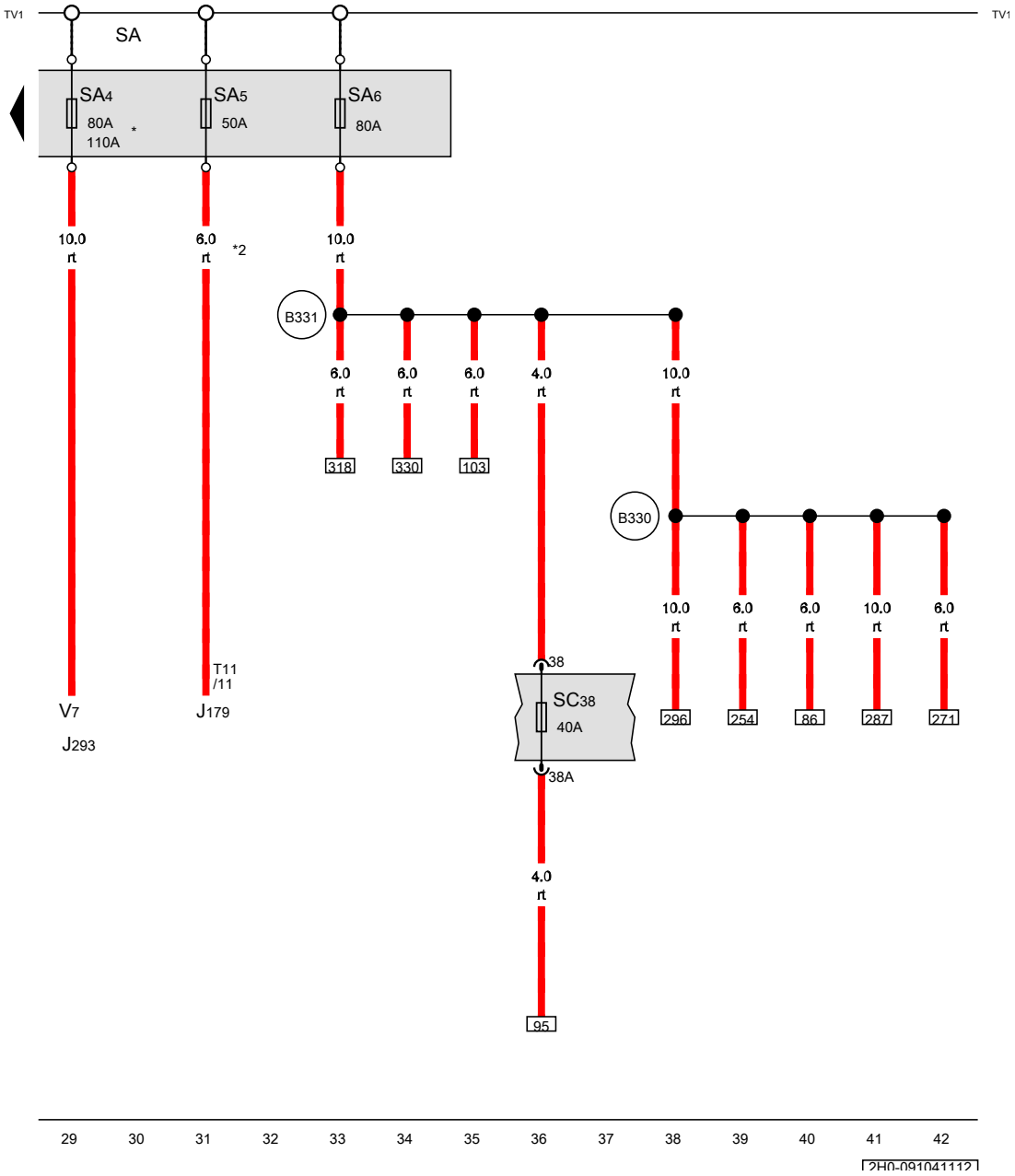
Automatic glow period control unit, Fuse holder A, Fuse 38 on fuse holder C, Radiator fan

J179	Automatic glow period control unit
J293	Radiator fan control unit
SA	Fuse holder A
SA4	Fuse 4 in fuse holder A
SA5	Fuse 5 in fuse holder A
SA6	Fuse 6 in fuse holder A
SC38	Fuse 38 on fuse holder C
T11	11-pin connector, black
V7	Radiator fan
B330	Positive connection 16 (30a) in main wiring harness
B331	Positive connection 17 (30a) in main wiring harness
*	According to equipment
*2	Only models with diesel engine



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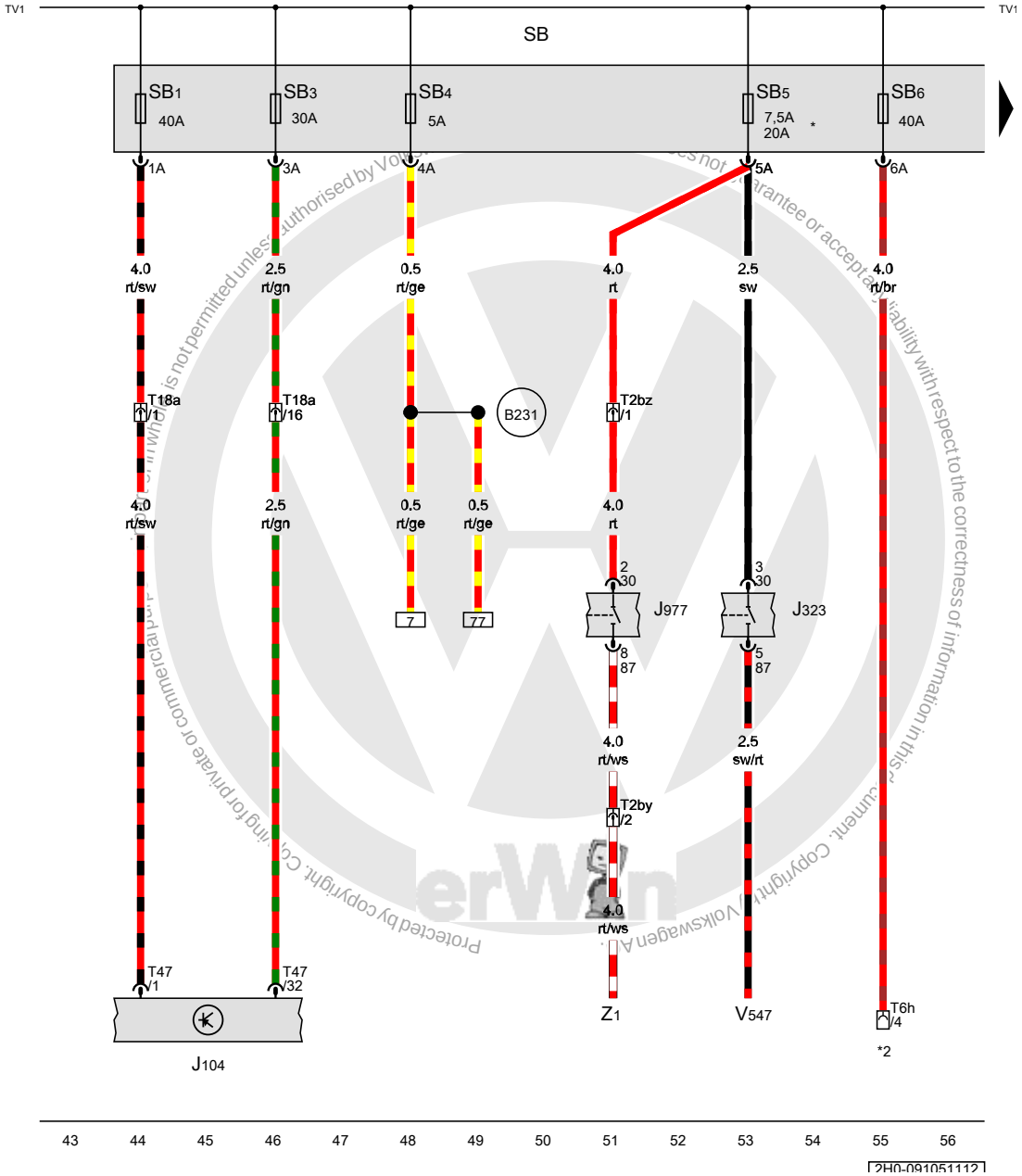
ABS control unit, Fuse 1 on fuse holder B, Fuse 3 on fuse holder B, Fuse 4 on fuse holder B, Fuse 6 on fuse holder B



J104	ABS control unit
J323	Blower relay
J977	Terminal 30 relay
SB	Fuse holder B
SB1	Fuse 1 on fuse holder B
SB3	Fuse 3 on fuse holder B
SB4	Fuse 4 on fuse holder B
SB5	Fuse 5 on fuse holder B
SB6	Fuse 6 on fuse holder B
T2by	2-pin connector
T2bz	2-pin connector
T6h	6-pin connector, in left footwell, near centre console, grey
T18a	18-pin connector, near engine control unit, grey
T47	47-pin connector, black
V547	Air supply blower
Z1	Heated rear window
B231	Positive connection 5 (30a), in interior wiring harness
*	According to equipment
*2	Only models with electric interface for external use

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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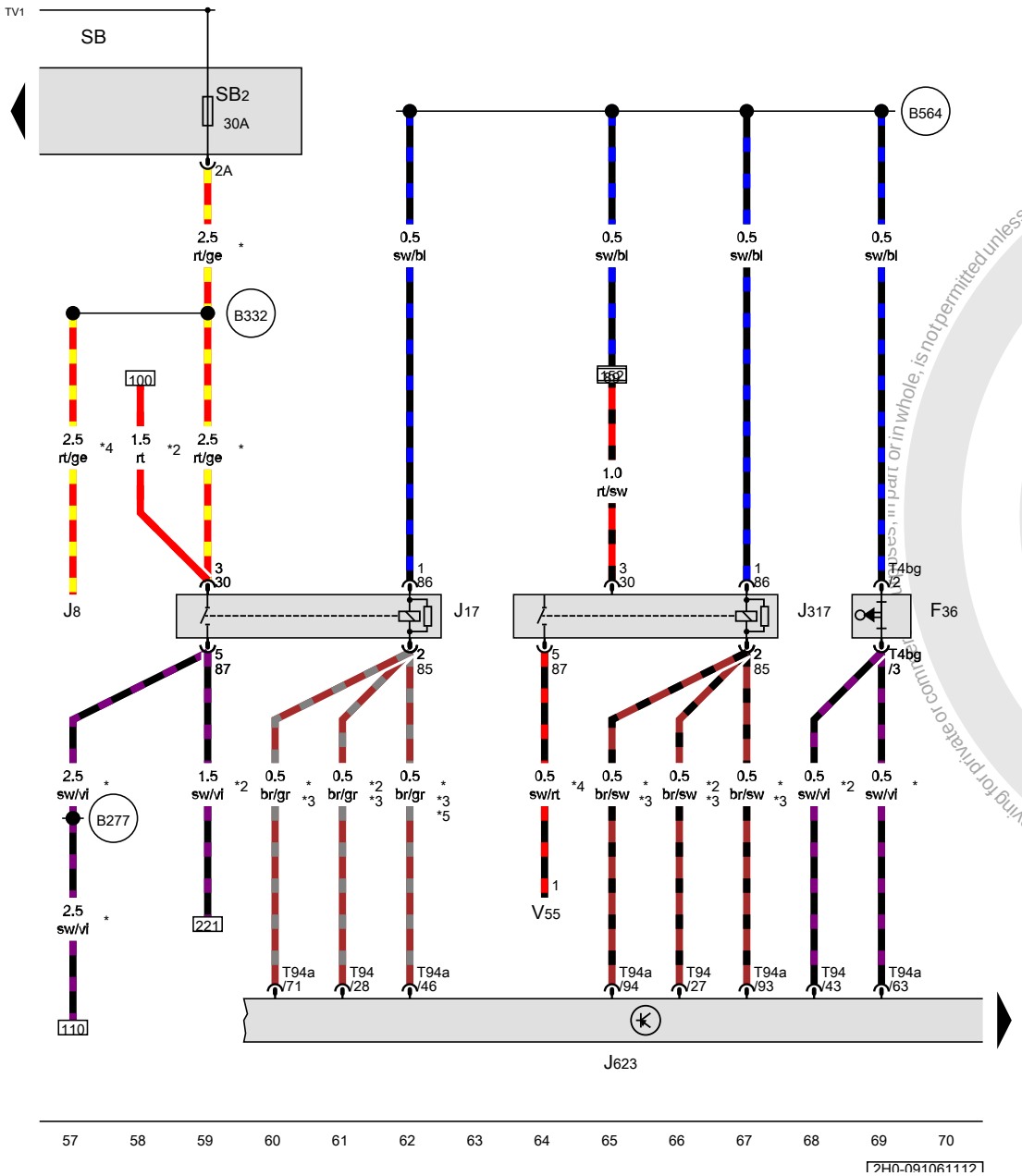
Clutch pedal switch, Fuel pump relay, Terminal 30 voltage supply relay, Engine control unit, Fuse 2 on fuse holder B

F36	Clutch pedal switch
J8	Auxiliary heater relay
J17	Fuel pump relay
J317	Terminal 30 voltage supply relay
J623	Engine control unit
SB	Fuse holder B
SB2	Fuse 2 on fuse holder B
T4bg	4-pin connector, black
T94	94-pin connector, black
T94a	94-pin connector, black
V55	Circulation pump
B277	Positive connection 1 (15a) in main wiring harness
B332	Positive connection 18 (30a) in main wiring harness
B564	Connection 31, in main wiring harness
*	Only models with diesel engine
*2	Only models with petrol engine
*3	see applicable current flow diagram for engine
*4	see applicable current flow diagram for auxiliary coolant heater
*5	Slot assignment, with no cruise control system (CCS)



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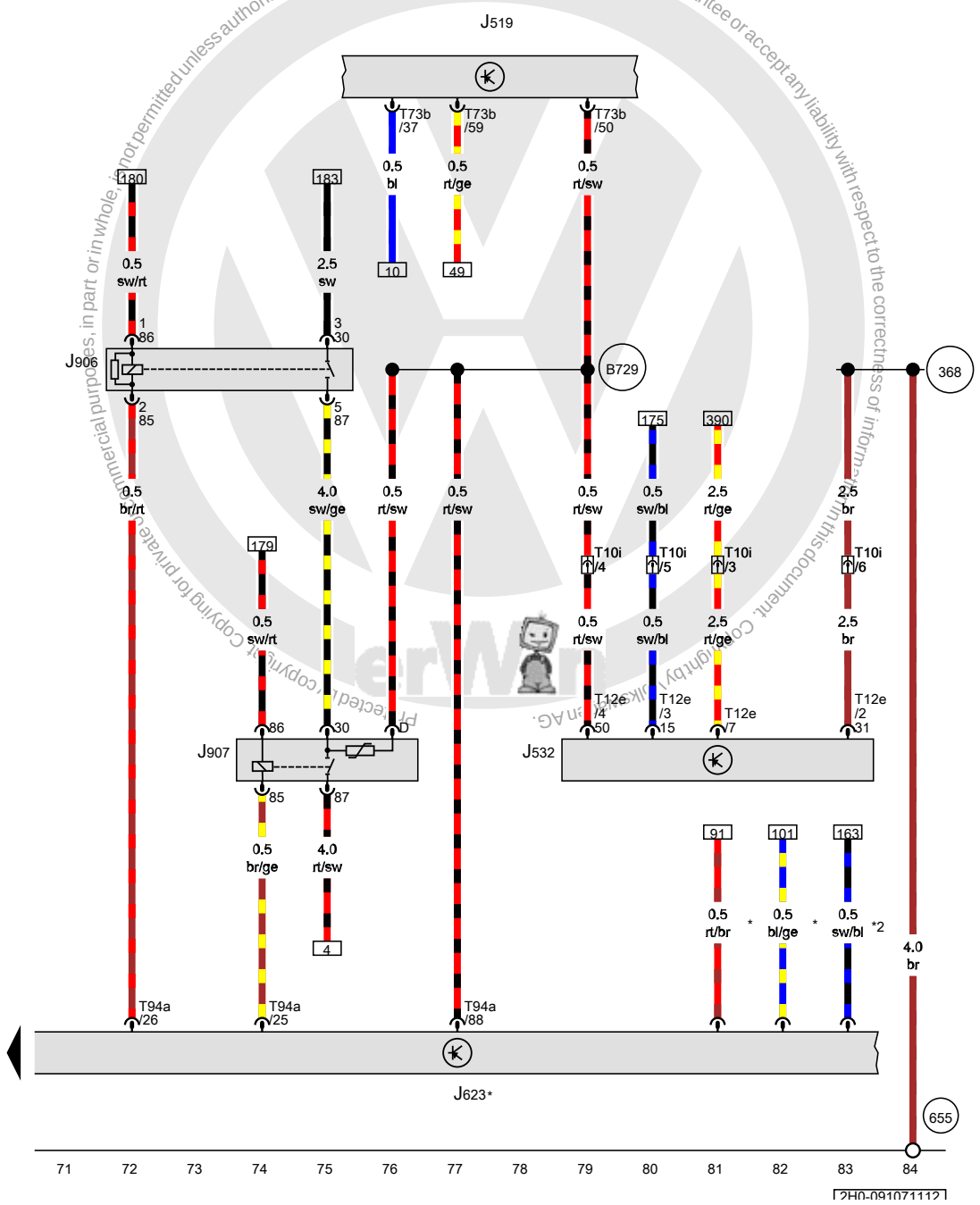

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Voltage stabiliser, Engine control unit, Starter relay 1, Starter relay 2

J519	Onboard supply control unit
J532	Voltage stabiliser
J623	Engine control unit
J906	Starter relay 1
J907	Starter relay 2
T10i	10-pin connector, near battery, black
T12e	12-pin connector, black
T73b	73-pin connector, colourless
T94a	94-pin connector, black
(368)	Earth connection 3, in main wiring harness
(655)	Earth point, on left headlight
(B729)	Connection 1 (50), in main wiring harness
*	see applicable current flow diagram for engine
*2	Only models with diesel engine

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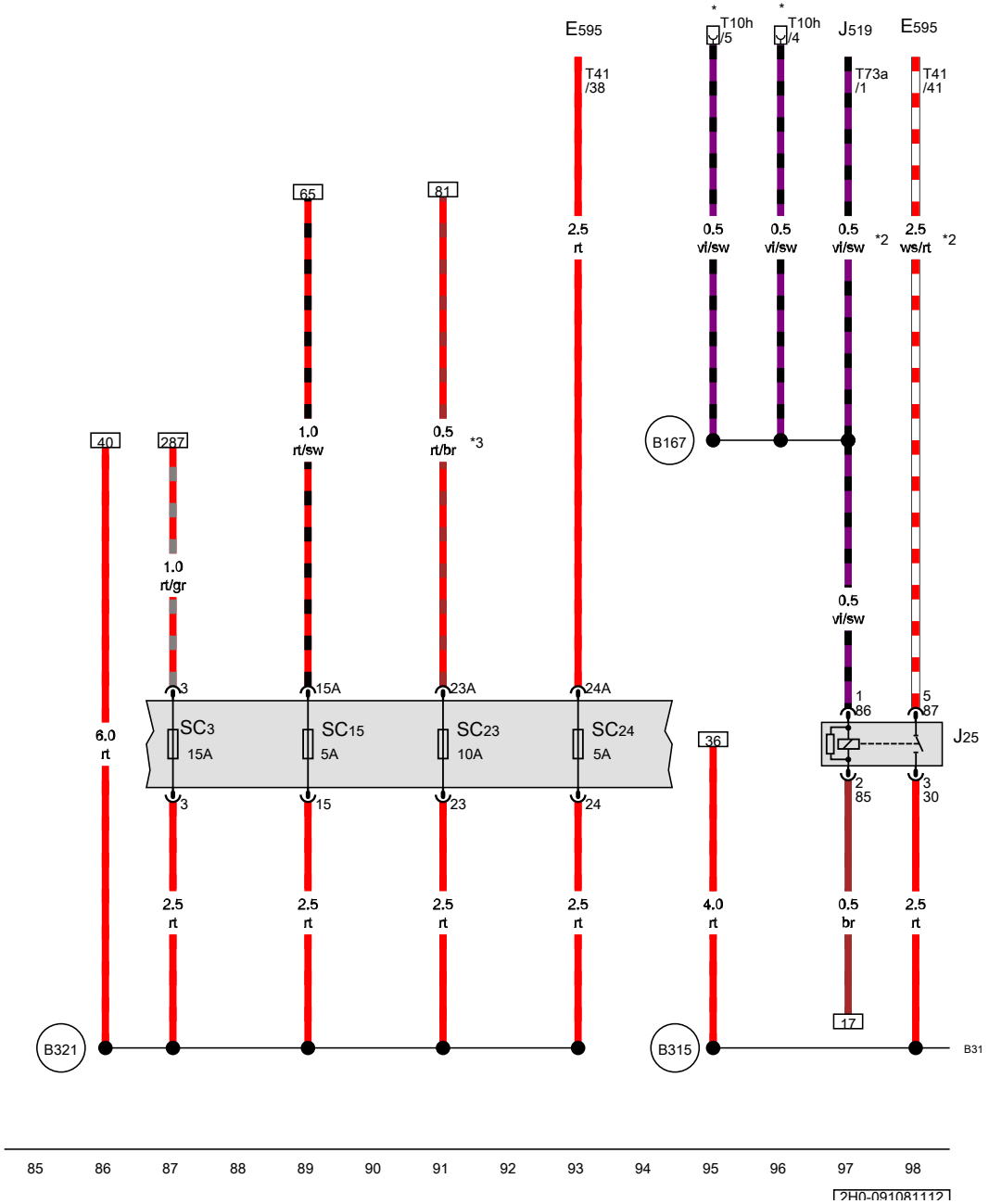

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Headlight relay, Fuse 3 on fuse holder C, Fuse 15 on fuse holder C, Fuse 23 on fuse holder C, Fuse 24 on fuse holder C

E595	Steering column combination switch
J25	Headlight relay
J519	Onboard supply control unit
SC3	Fuse 3 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC23	Fuse 23 on fuse holder C
SC24	Fuse 24 on fuse holder C
T10h	10-pin connector, in left footwell, near centre console, purple
T41	41-pin connector
T73a	73-pin connector, black
B167	Connection (56b), in interior wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B321	Positive connection 7 (30a) in main wiring harness
*	Only models with electric interface for external use
*2	Only models with automatic driving lights control
*3	see applicable current flow diagram for engine

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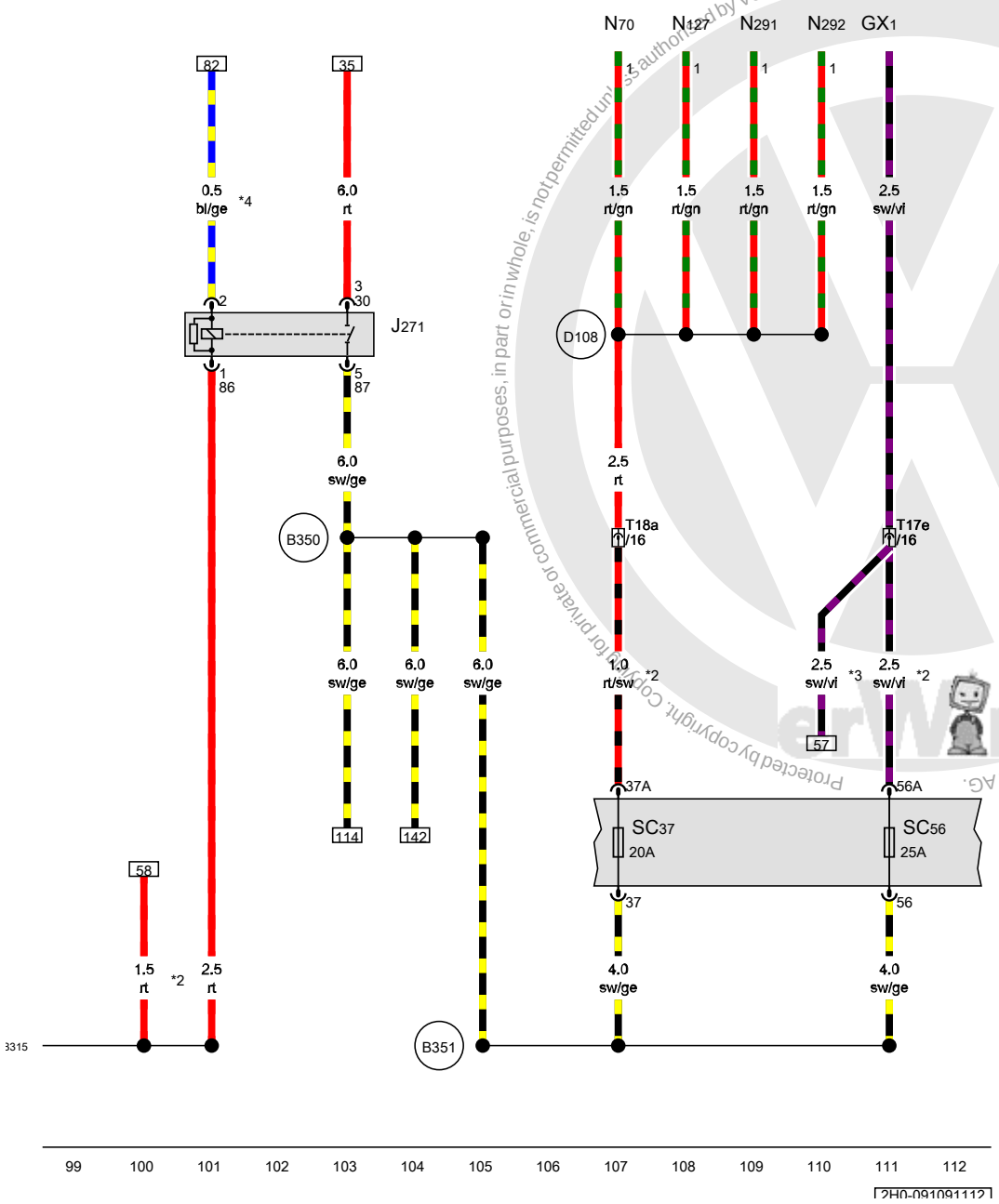

Main relay, Fuse 37 on fuse holder C, Fuse 56 on fuse holder C

GX1	Fuel delivery unit, on fuel tank
J271	Main relay
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
SC37	Fuse 37 on fuse holder C
SC56	Fuse 56 on fuse holder C
T17e	17-pin connector, near handbrake lever, blue
T18a	18-pin connector, near engine control unit, black
B315	Positive connection 1 (30a) in main wiring harness
B350	Positive connection 1 (87a) in main wiring harness
B351	Positive connection 2 (87a) in main wiring harness
D108	Connection 6 in engine compartment wiring harness
*	Only models with automatic driving lights control
*2	Only models with petrol engine
*3	Only models with diesel engine
*4	see applicable current flow diagram for engine

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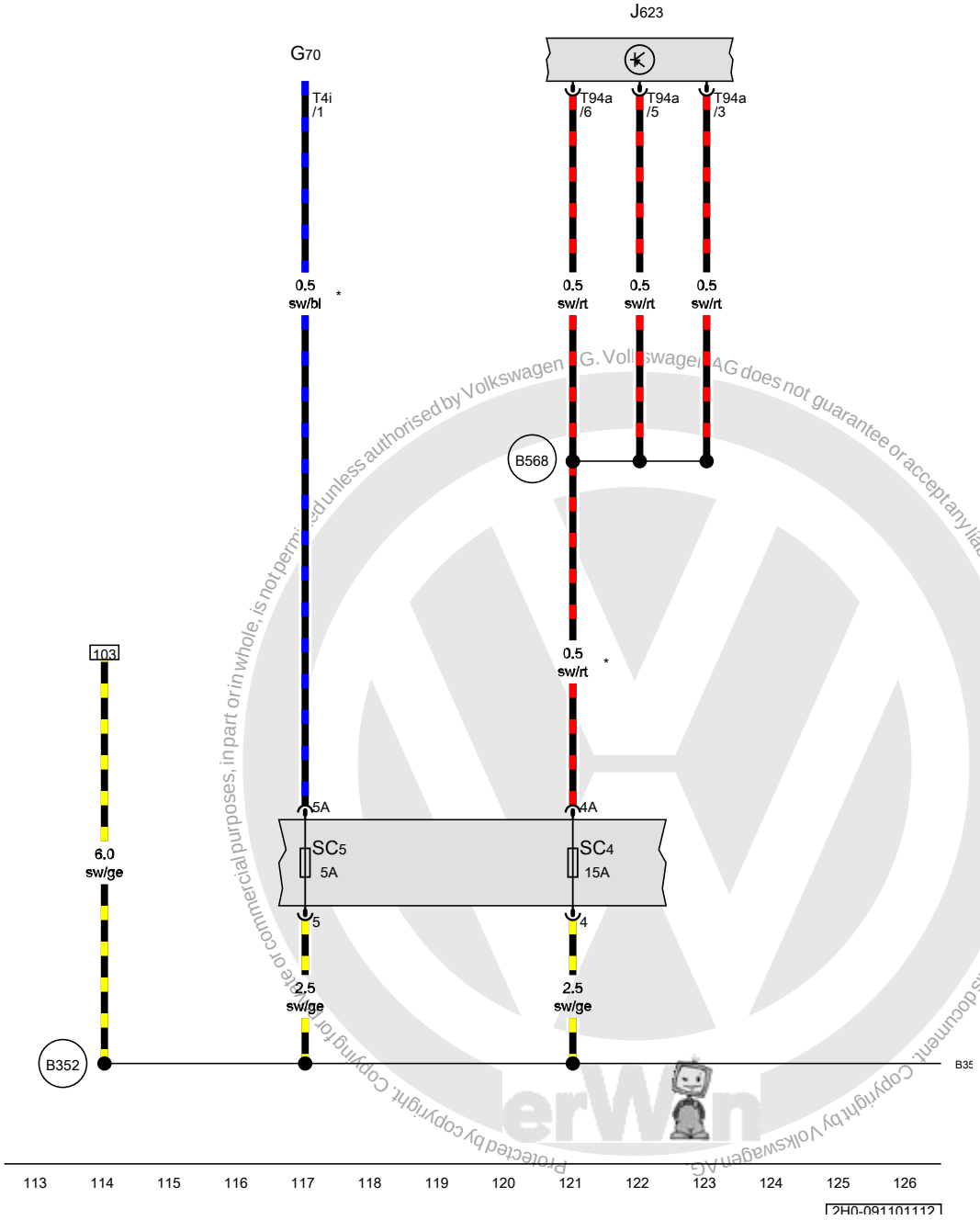
Fuse 4 on fuse holder C, Fuse 5 on fuse holder C

G70	Air mass meter
J623	Engine control unit
SC4	Fuse 4 on fuse holder C
SC5	Fuse 5 on fuse holder C
T4i	4-pin connector, black
T94a	94-pin connector, black
B352	Positive connection 3 (87a) in main wiring harness
B568	Connection 35, in main wiring harness
*	Only models with diesel engine



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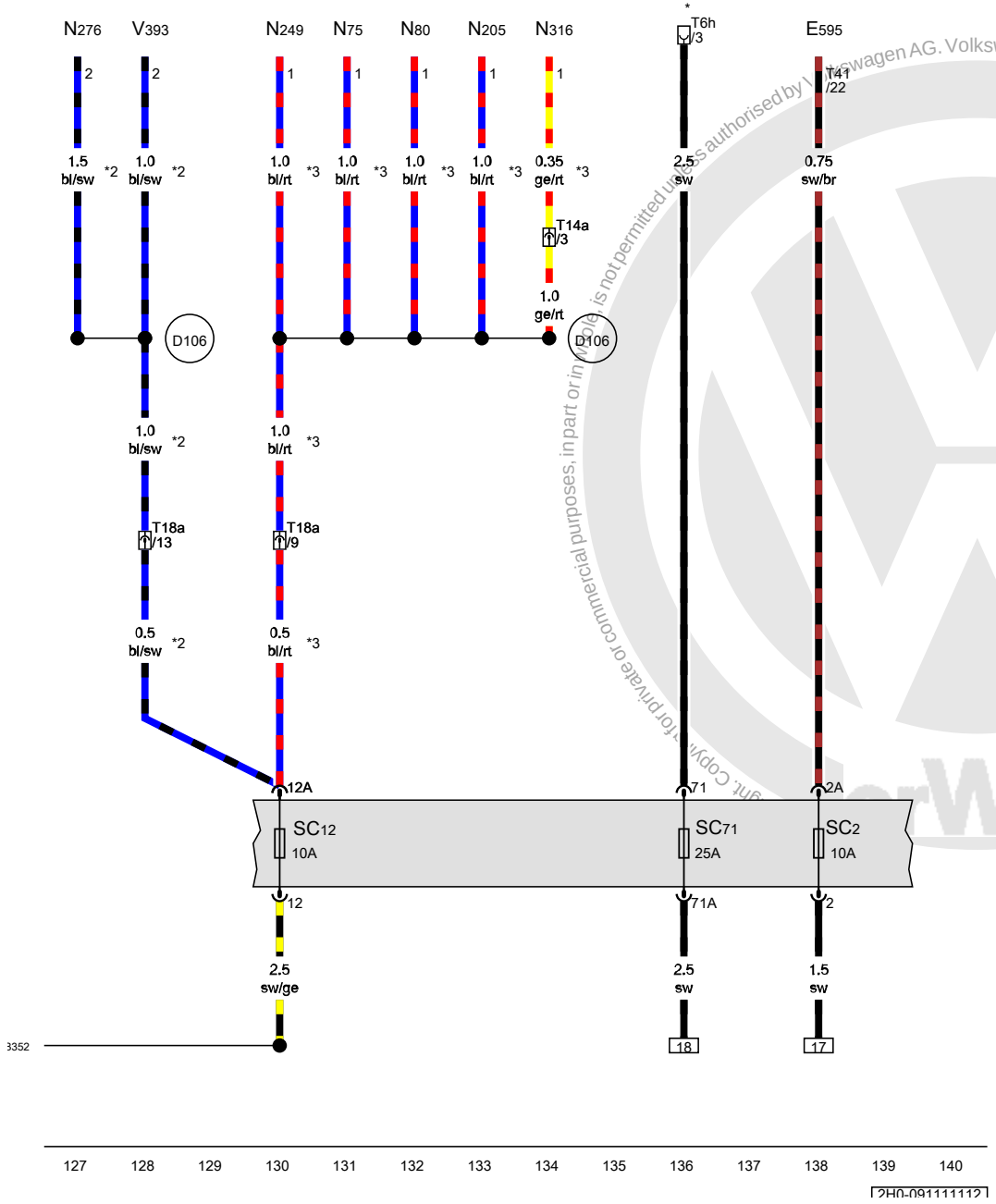
Fuse 2 on fuse holder C, Fuse 12 on fuse holder C, Fuse 71 on fuse holder C



E595	Steering column combination switch
N75	Charge pressure control solenoid valve
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N249	Turbocharger air recirculation valve
N276	Fuel pressure regulating valve
N316	Intake manifold flap valve
SC2	Fuse 2 on fuse holder C
SC12	Fuse 12 on fuse holder C
SC71	Fuse 71 on fuse holder C
T6h	6-pin connector, in left footwell, near centre console, grey
T14a	14-pin connector, front left in engine compartment
T18a	18-pin connector, near engine control unit, black
T41	41-pin connector, grey
V393	Supplementary fuel pump
B352	Positive connection 3 (87a) in main wiring harness
D106	Connection 4 in engine compartment wiring harness
*	Only models with electric interface for external use
*2	Only models with diesel engine
*3	Only models with petrol engine

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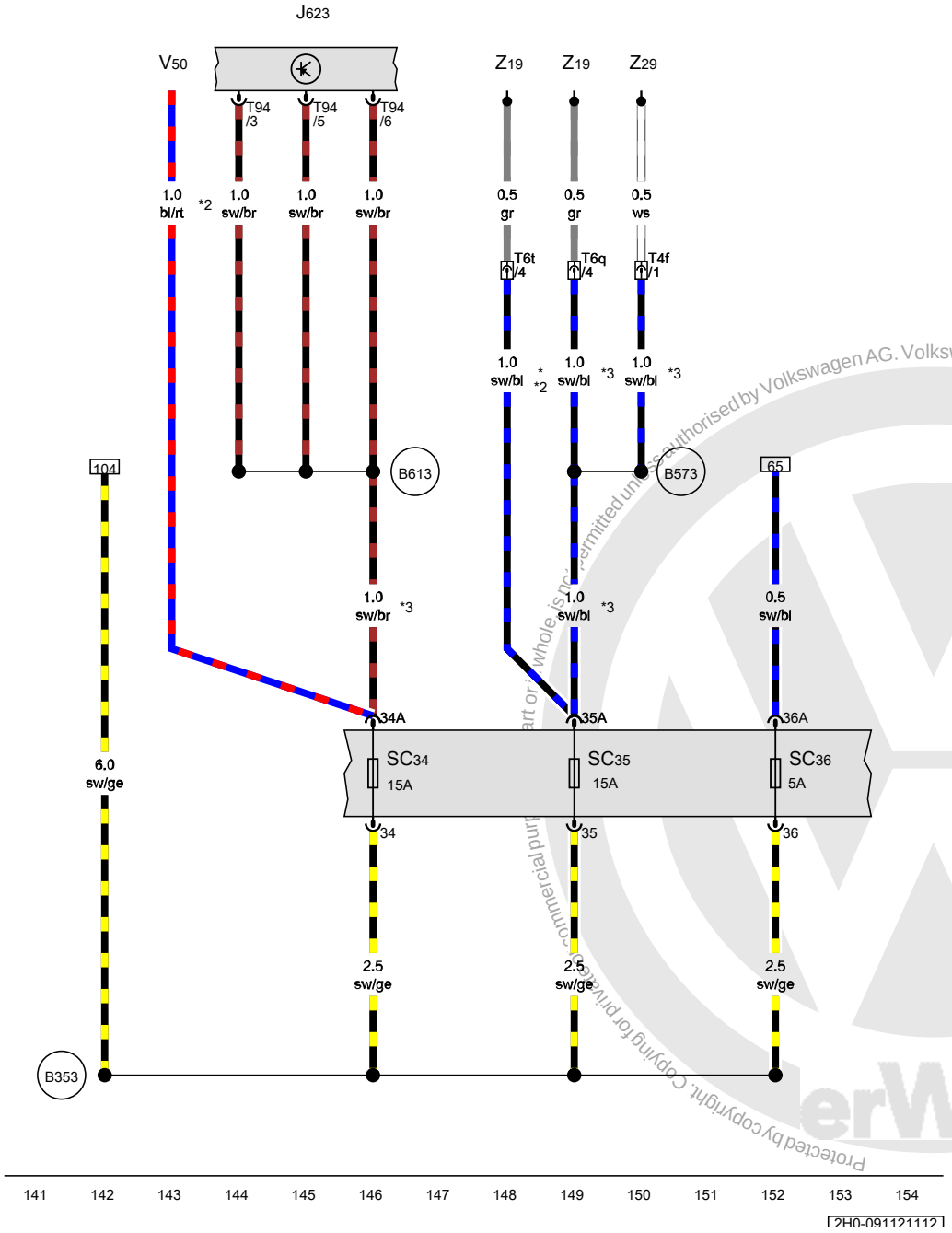

Fuse 34 on fuse holder C, Fuse 35 on fuse holder C, Fuse 36 on fuse holder C

J623	Engine control unit
SC34	Fuse 34 on fuse holder C
SC35	Fuse 35 on fuse holder C
SC36	Fuse 36 on fuse holder C
T4f	4-pin connector, front right in engine compartment, black
T6q	6-pin connector, front right in engine compartment, black
T6t	6-pin connector, front right in engine compartment, black
T94	94-pin connector, black
V50	Coolant circulation pump
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
B353	Positive connection 4 (87a) in main wiring harness
B573	Connection 40, in main wiring harness
B613	Connection 41, in main wiring harness
*	Only models with Euro 5 emission standard
*2	Only models with diesel engine
*3	Only models with petrol engine

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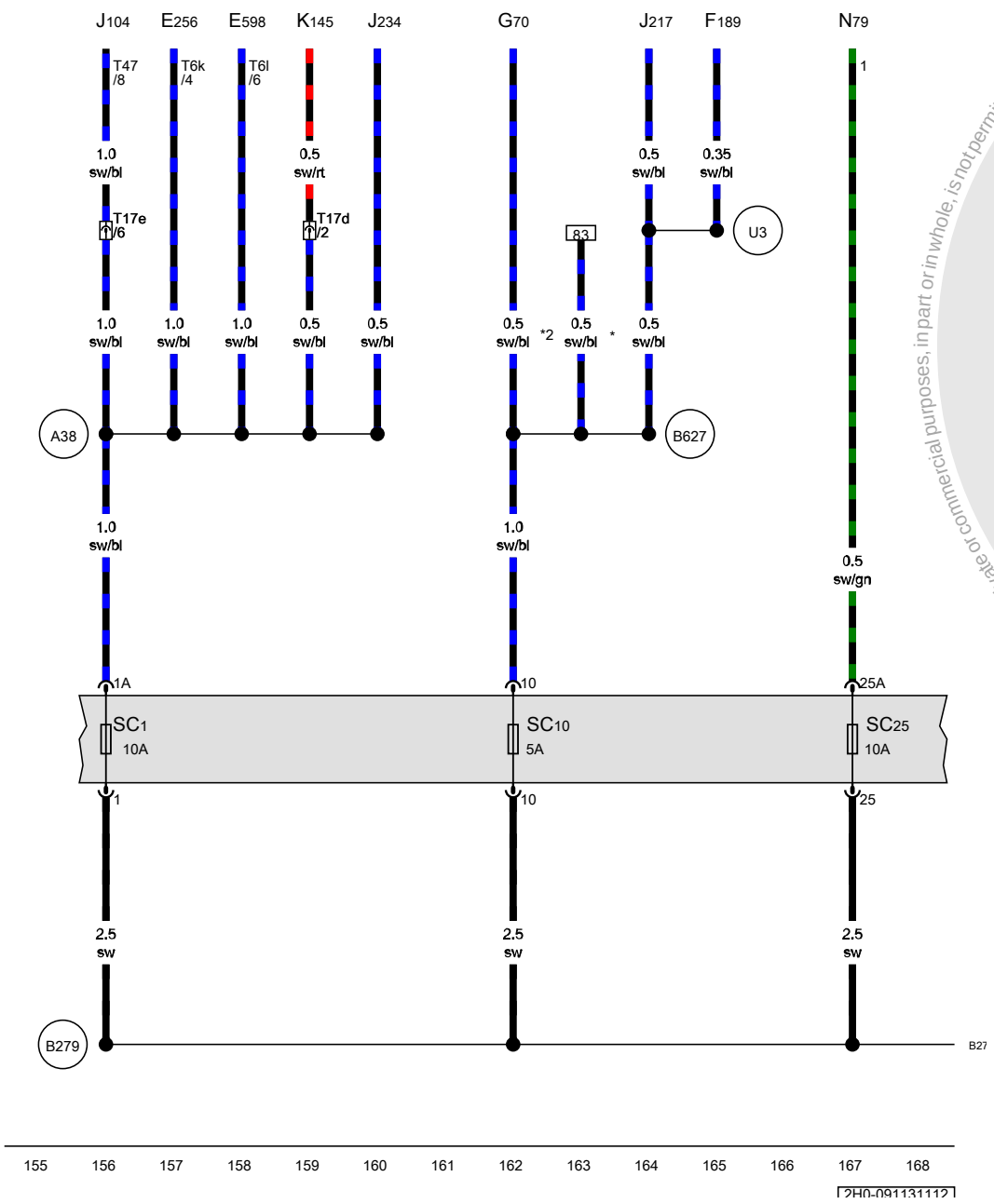

Fuse 1 on fuse holder C, Fuse 10 on fuse holder C, Fuse 25 on fuse holder C

E256	TCS and ESP button, on centre console switch module
E598	Driving program button, on centre console switch module
F189	Tiptronic switch
G70	Air mass meter
J104	ABS control unit
J217	Automatic gearbox control unit
J234	Airbag control unit
K145	Front passenger side airbag deactivated warning lamp
N79	Heater element for crankcase breather
SC1	Fuse 1 on fuse holder C
SC10	Fuse 10 on fuse holder C
SC25	Fuse 25 on fuse holder C
T6k	6-pin connector, black
T6l	6-pin connector, red
T17d	17-pin connector, on left under dash panel, green
T17e	17-pin connector, near handbrake lever, blue
T47	47-pin connector, black
A38	Positive connection 2 (15a) in dash panel wiring harness
B279	Positive connection 3 (15a) in main wiring harness
B627	Positive connection 3 (15), in main wiring harness
U3	Connection 1, in automatic gearbox wiring harness
*	Only models with diesel engine
*2	Only models with petrol engine

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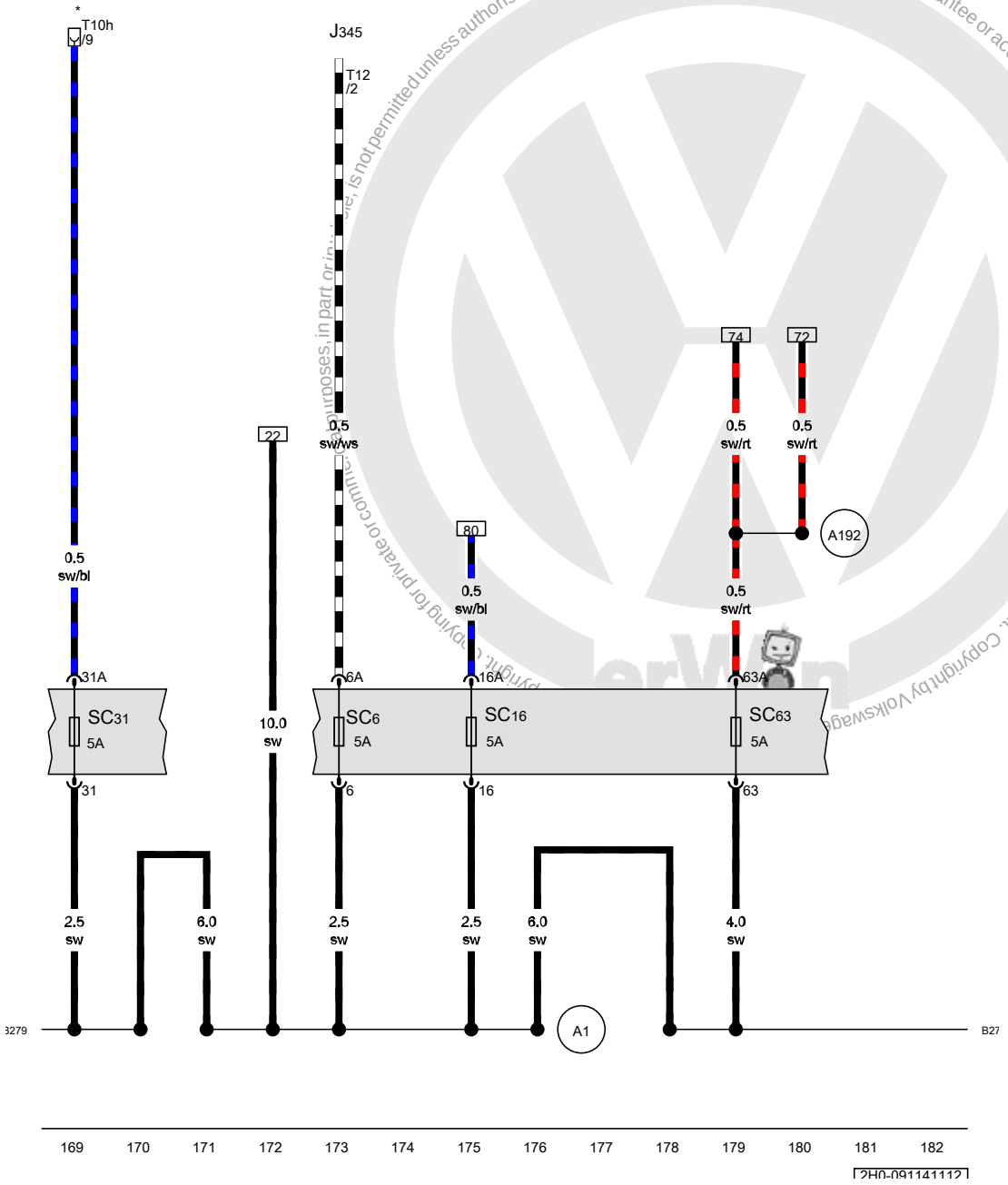

Fuse 6 on fuse holder C, Fuse 16 on fuse holder C, Fuse 31 on fuse holder C, Fuse 63 on fuse holder C

J345	Trailer detector control unit
SC6	Fuse 6 on fuse holder C
SC16	Fuse 16 on fuse holder C
SC31	Fuse 31 on fuse holder C
SC63	Fuse 63 on fuse holder C
T10h	10-pin connector, in left footwell, near centre console, purple
T12	12-pin connector, red
A1	Positive connection (30a), in dash panel wiring harness
A192	Positive connection 3 (15a) in dash panel wiring harness
B278	Positive connection 2 (15a) in main wiring harness
B279	Positive connection 3 (15a) in main wiring harness
*	Only models with electric interface for external use

ws	=	white
sw	=	black
ro	=	red
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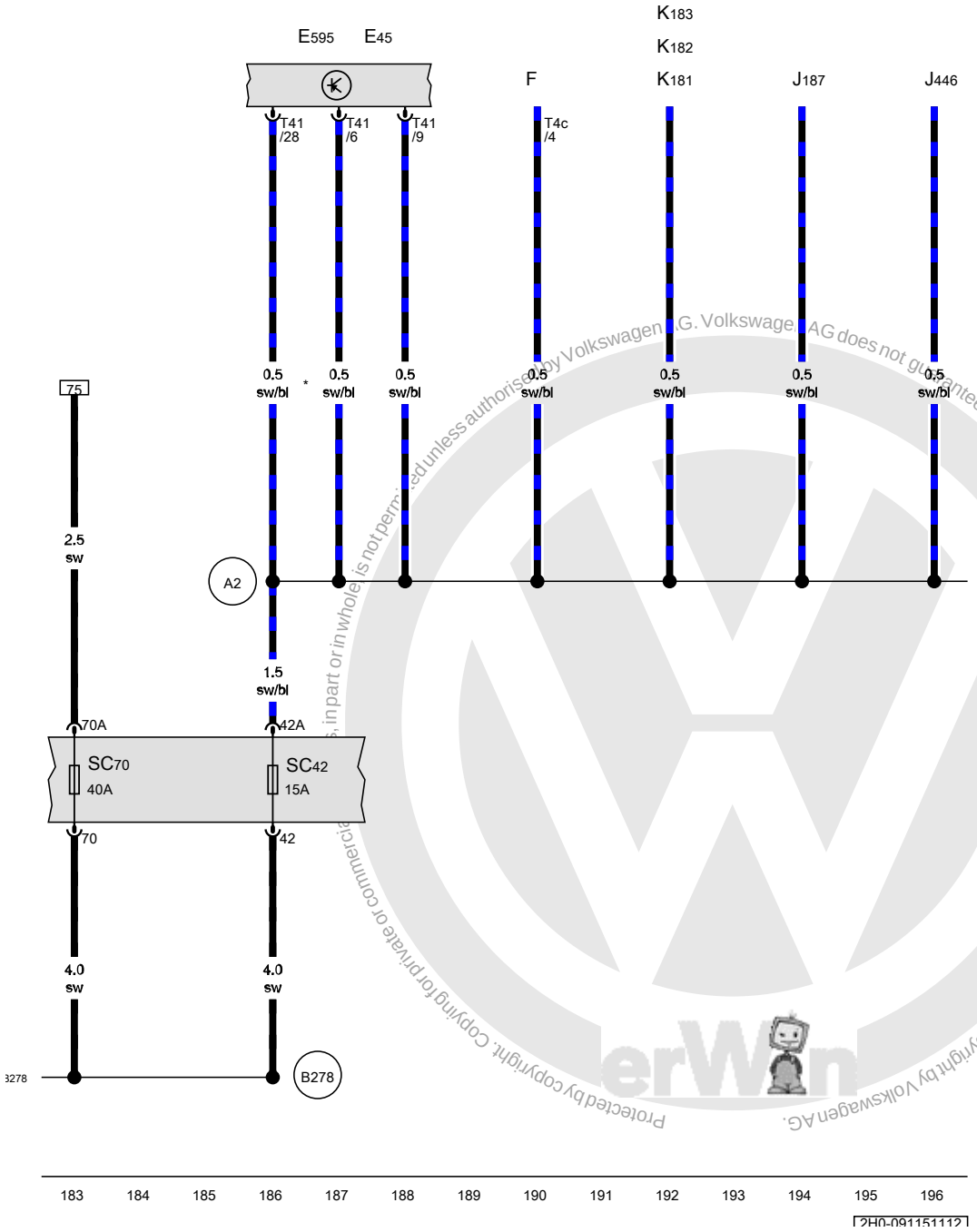

Brake light switch, Fuse 42 on fuse holder C

E45	Cruise control system switch
E595	Steering column combination switch
F	Brake light switch
J187	Differential lock control unit
J446	Parking aid control unit
K181	Normal operation warning lamp in transfer box operating unit
K182	Reduction gearing warning lamp in transfer box operating unit
K183	Inter-axle lock-up warning lamp in transfer box operating unit
SC42	Fuse 42 on fuse holder C
SC70	Fuse 70 on fuse holder C
T4c	4-pin connector, black
T41	41-pin connector, grey
A2	Positive connection (15), in dash panel wiring harness
B278	Positive connection 2 (15a) in main wiring harness
*	Only models with cruise control system

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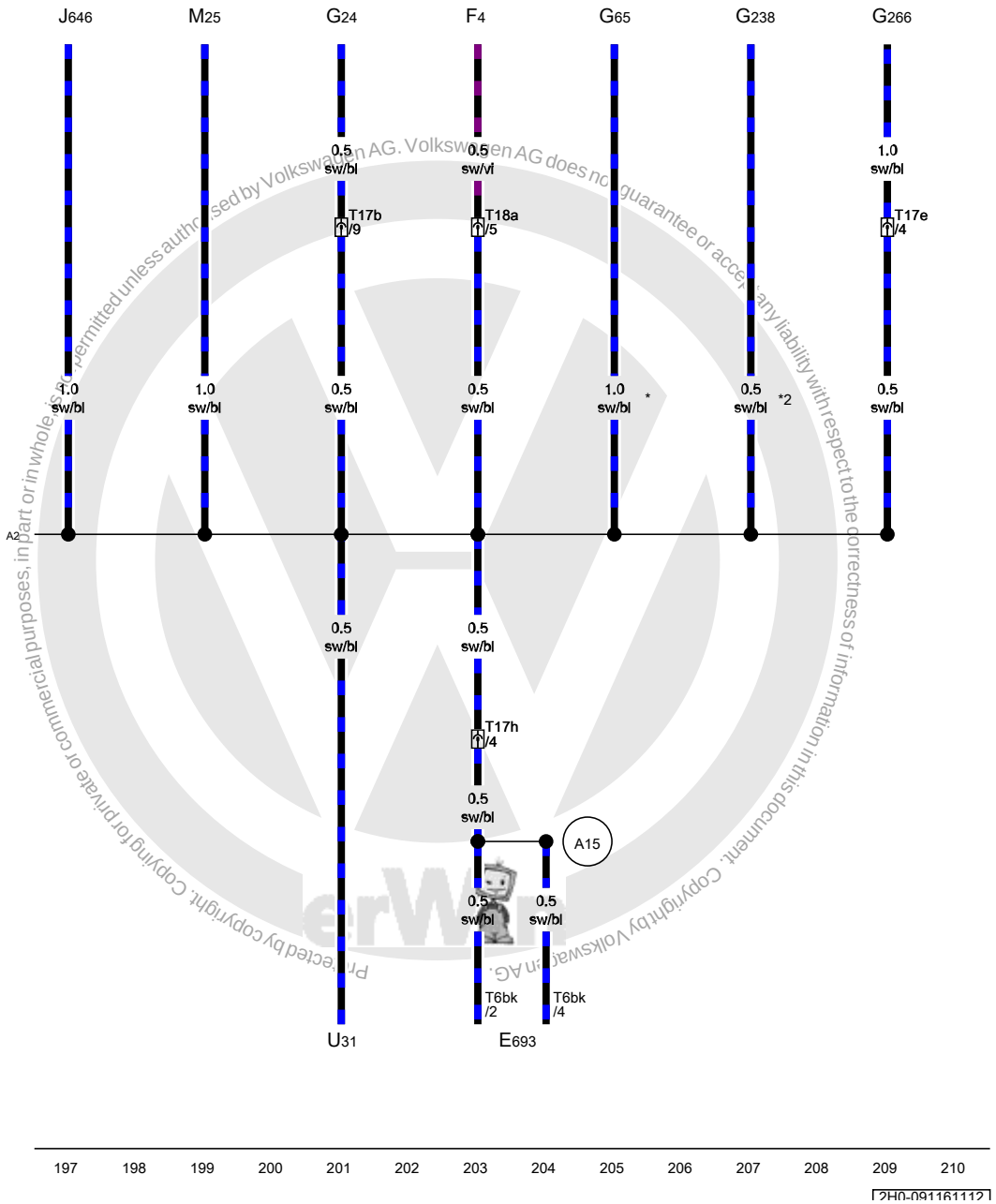

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Start/Stop operation button, Reversing light switch, Tachograph, Air quality sensor, Oil level and oil temperature sender, Transfer box control unit, Additional brake light bulb, Diagnostic connection

E693	Start/Stop operation button, in front centre console
F4	Reversing light switch
G24	Tachograph
G65	High-pressure sender
G238	Air quality sensor
G266	Oil level and oil temperature sender
J646	Transfer box control unit
M25	Additional brake light bulb
T6bk	6-pin connector, green
T17b	17-pin connector, behind glove compartment, black
T17e	17-pin connector, near handbrake lever, blue
T17h	17-pin connector, blue
T18a	18-pin connector, near engine control unit, grey
U31	Diagnostic connection
(A2)	Positive connection (15), in dash panel wiring harness
(A15)	Positive connection (15), in instrument wiring harness
*	Only models with air conditioning system/ Climatronic
*2	Only models with Climatronic

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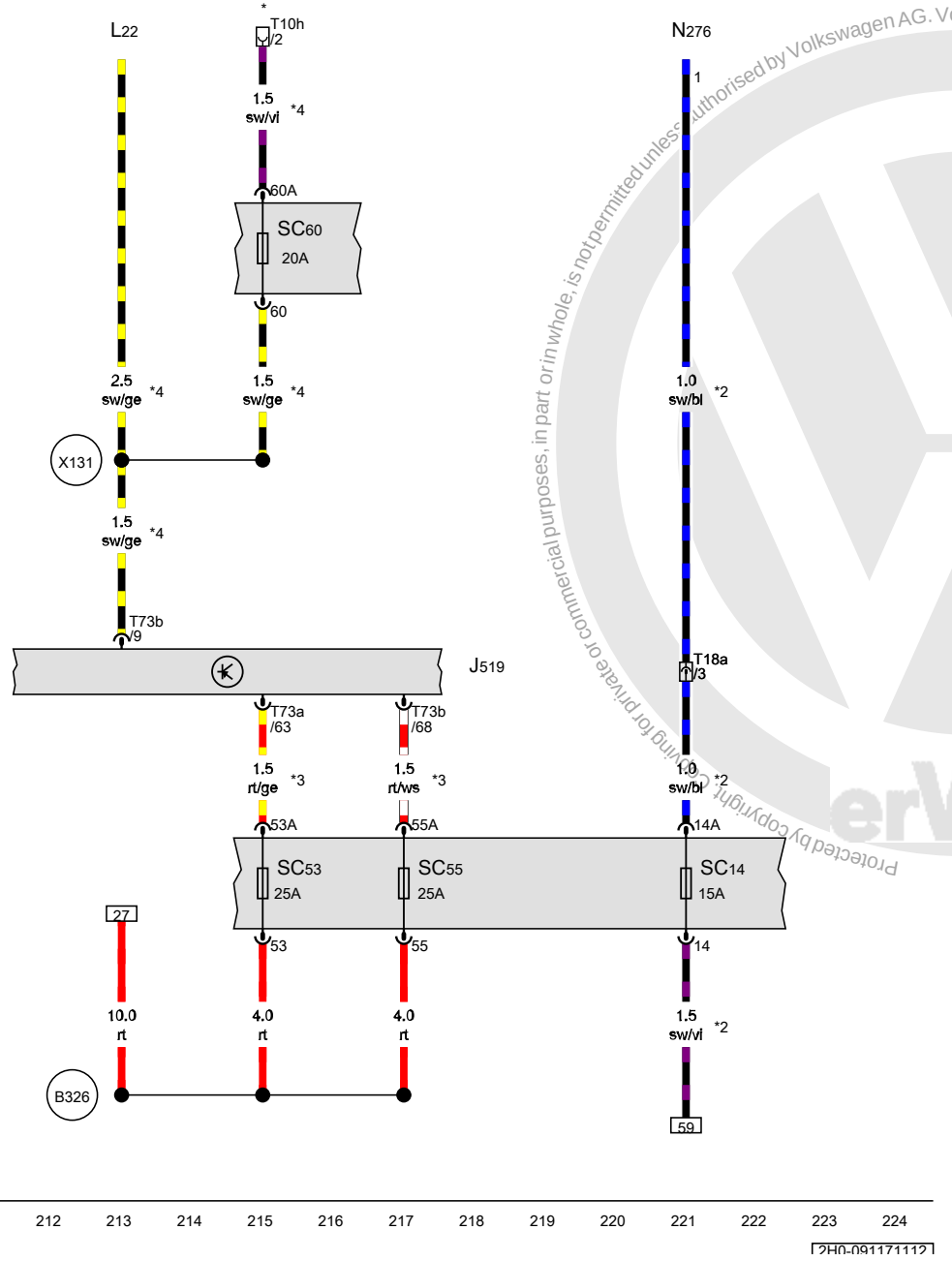

Fuse 14 on fuse holder C, Fuse 53 on fuse holder C, Fuse 55 on fuse holder C

J519	Onboard supply control unit
L22	Left fog light bulb
N276	Fuel pressure regulating valve
SC14	Fuse 14 on fuse holder C
SC53	Fuse 53 on fuse holder C
SC55	Fuse 55 on fuse holder C
SC60	Fuse 60 on fuse holder C
T10h	10-pin connector, in left footwell, near centre console, purple
T18a	18-pin connector, near engine control unit, black
T73a	73-pin connector, black
T73b	73-pin connector, colourless
B326	Positive connection 12 (30a) in main wiring harness
X131	Connection 4, in optional equipment wiring harness
*	Only models with electric interface for external use
*2	Only models with petrol engine
*3	see applicable current flow diagram for exterior lighting
*4	Only models with automatic driving lights control

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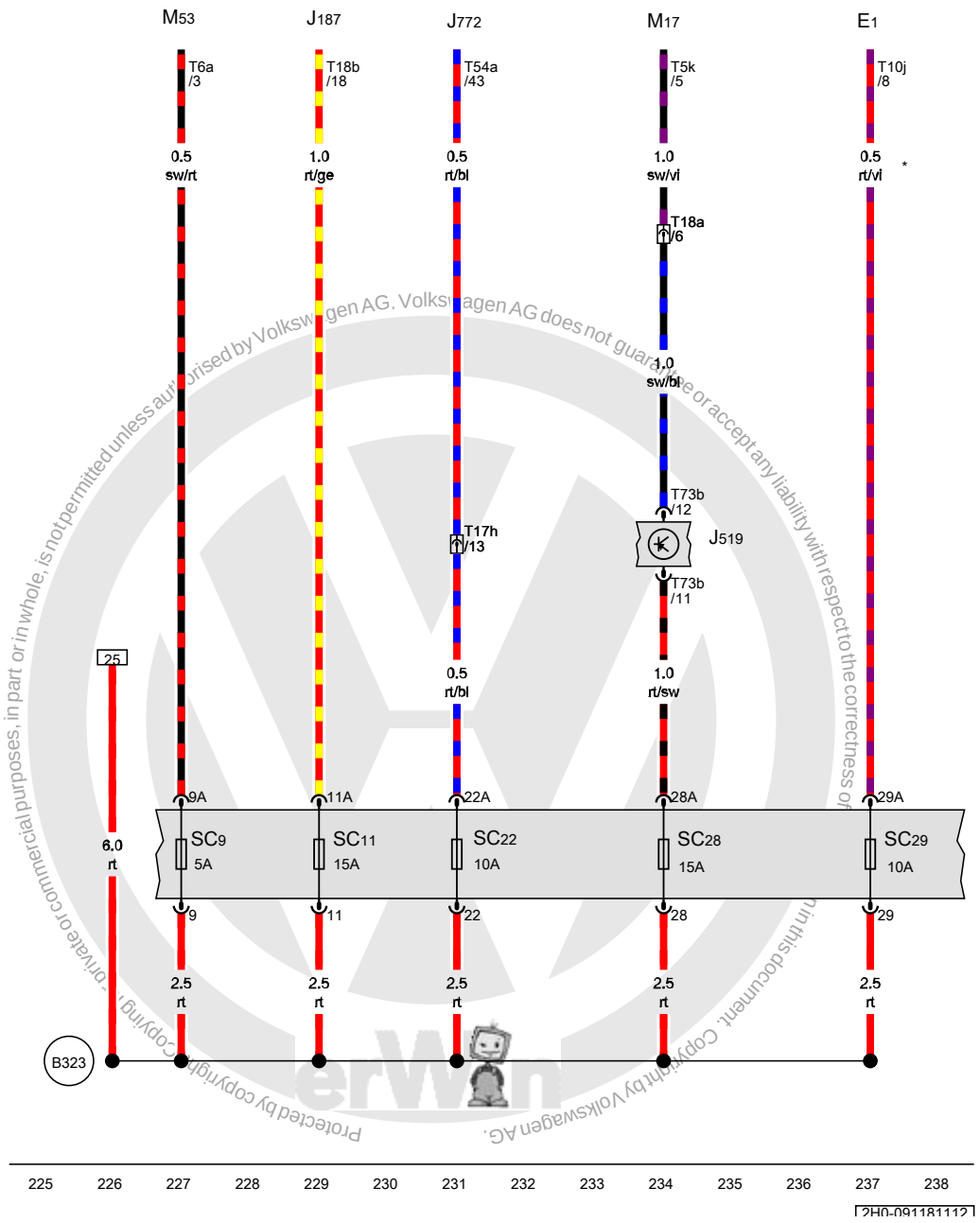
Fuse 9 on fuse holder C, Fuse 11 on fuse holder C, Fuse 28 on fuse holder C, Fuse 29 on fuse holder C

E1	Light switch
J187	Differential lock control unit
J519	Onboard supply control unit
J772	Reversing camera system control unit
M17	Right reversing light bulb
M53	Load area illumination bulb
SC9	Fuse 9 on fuse holder C
SC11	Fuse 11 on fuse holder C
SC22	Fuse 22 on fuse holder C
SC28	Fuse 28 on fuse holder C
SC29	Fuse 29 on fuse holder C
T5k	5-pin connector
T6a	6-pin connector
T10j	10-pin connector, black
T17h	17-pin connector, on left under dash panel, blue
T18a	18-pin connector, near engine control unit, near engine control unit, grey
T18b	18-pin connector
T54a	54-pin connector
T73b	73-pin connector
B323	Positive connection 9 (30a) in main wiring harness
*	Only models with automatic driving lights control



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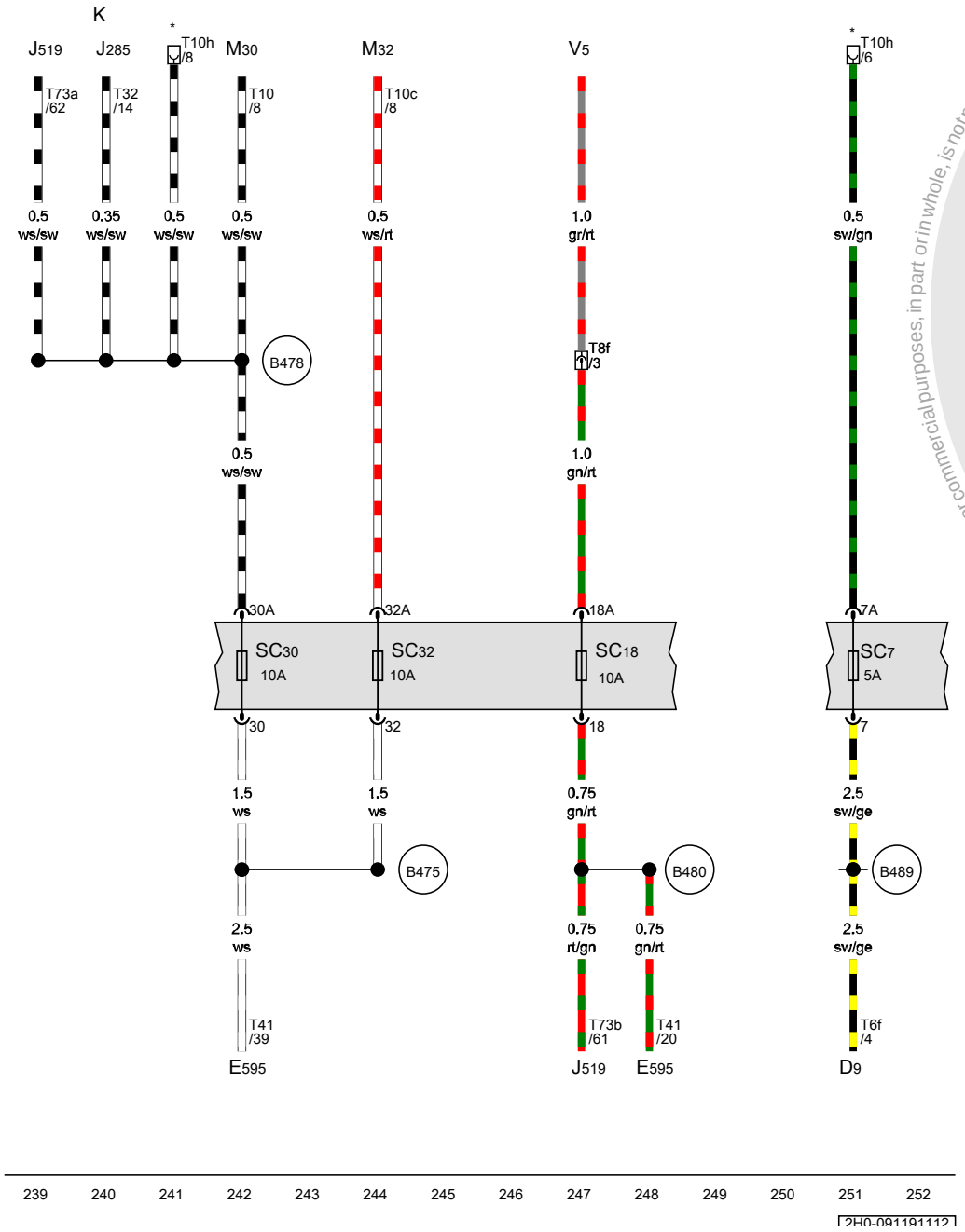

Fuse 7 on fuse holder C, Fuse 18 on fuse holder C, Fuse 30 on fuse holder C, Fuse 32 on fuse holder C

D9	Electronic ignition lock
E595	Steering column combination switch
J285	Control unit in dash panel insert
J519	Onboard supply control unit
K	Dash panel insert
M30	Left headlight main beam bulb
M32	Right headlight main beam bulb
SC7	Fuse 7 on fuse holder C
SC18	Fuse 18 on fuse holder C
SC30	Fuse 30 on fuse holder C
SC32	Fuse 32 on fuse holder C
T6f	6-pin connector, black
T8f	8-pin connector, in rear right of engine compartment, black
T10	10-pin connector, black
T10c	10-pin connector, black
T10h	10-pin connector, in left footwell, near centre console, purple
T32	32-pin connector, blue
T41	41-pin connector, grey
T73a	73-pin connector
T73b	73-pin connector, colourless
V5	Washer pump
B475	Connection 11, in main wiring harness
B478	Connection 14, in main wiring harness
B480	Connection 16, in main wiring harness
B489	Connection 25, in main wiring harness
*	Only models with electric interface for external use

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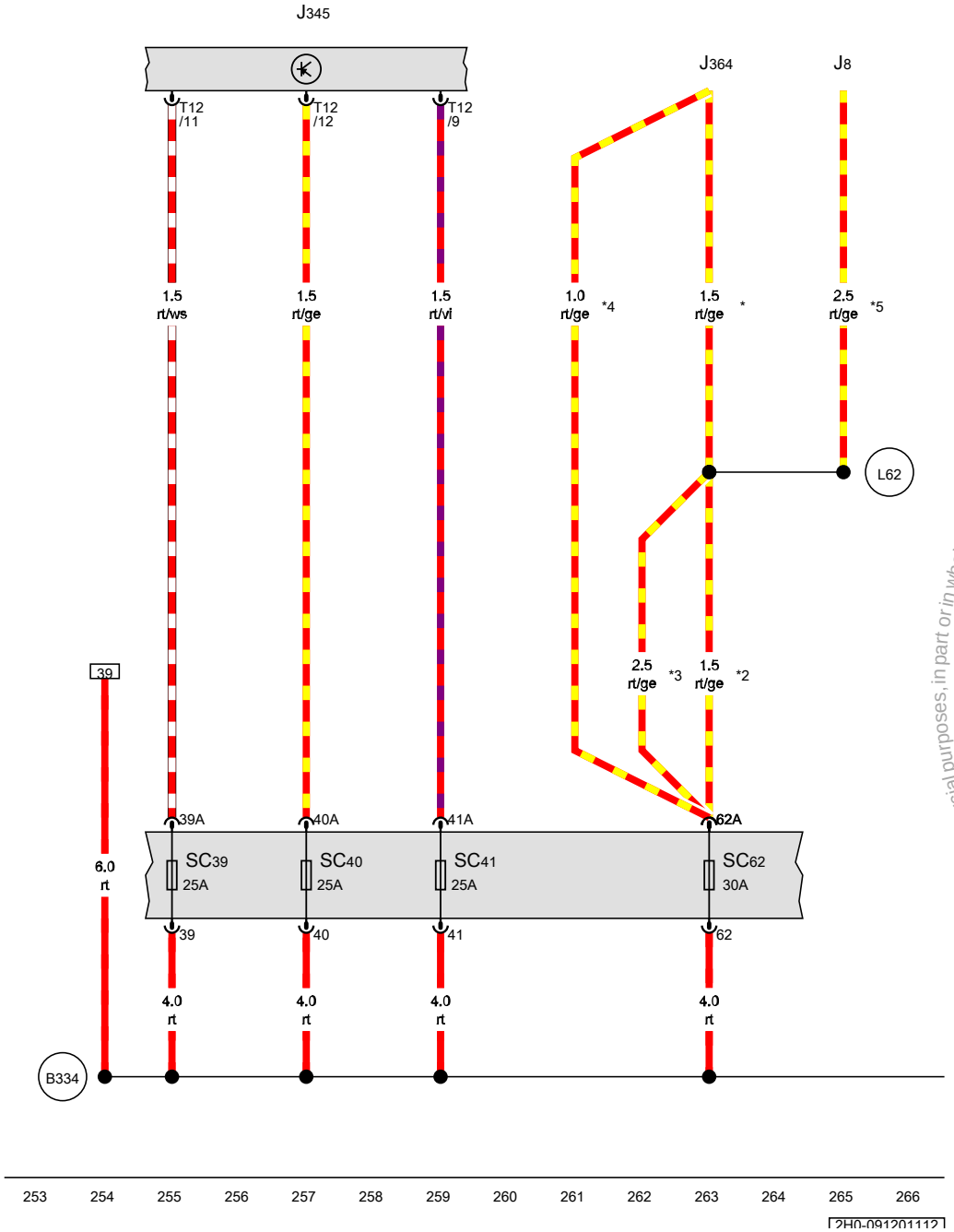

Fuse 39 on fuse holder C, Fuse 40 on fuse holder C, Fuse 41 on fuse holder C, Fuse 62 on fuse holder C

J8	Auxiliary heater relay
J345	Trailer detector control unit
J364	Auxiliary heater control unit
SC39	Fuse 39 on fuse holder C
SC40	Fuse 40 on fuse holder C
SC41	Fuse 41 on fuse holder C
SC62	Fuse 62 on fuse holder C
T12	12-pin connector, red
B334	Positive connection 20 (30a) in main wiring harness
L62	Positive connection (30a), in auxiliary heater wiring harness
*	Only models with air conditioning system/ Climatronic
*2	Only models with Climatronic
*3	Only models with Climatic
*4	Only models with no air conditioning system/Climatronic
*5	see applicable current flow diagram for auxiliary coolant heater

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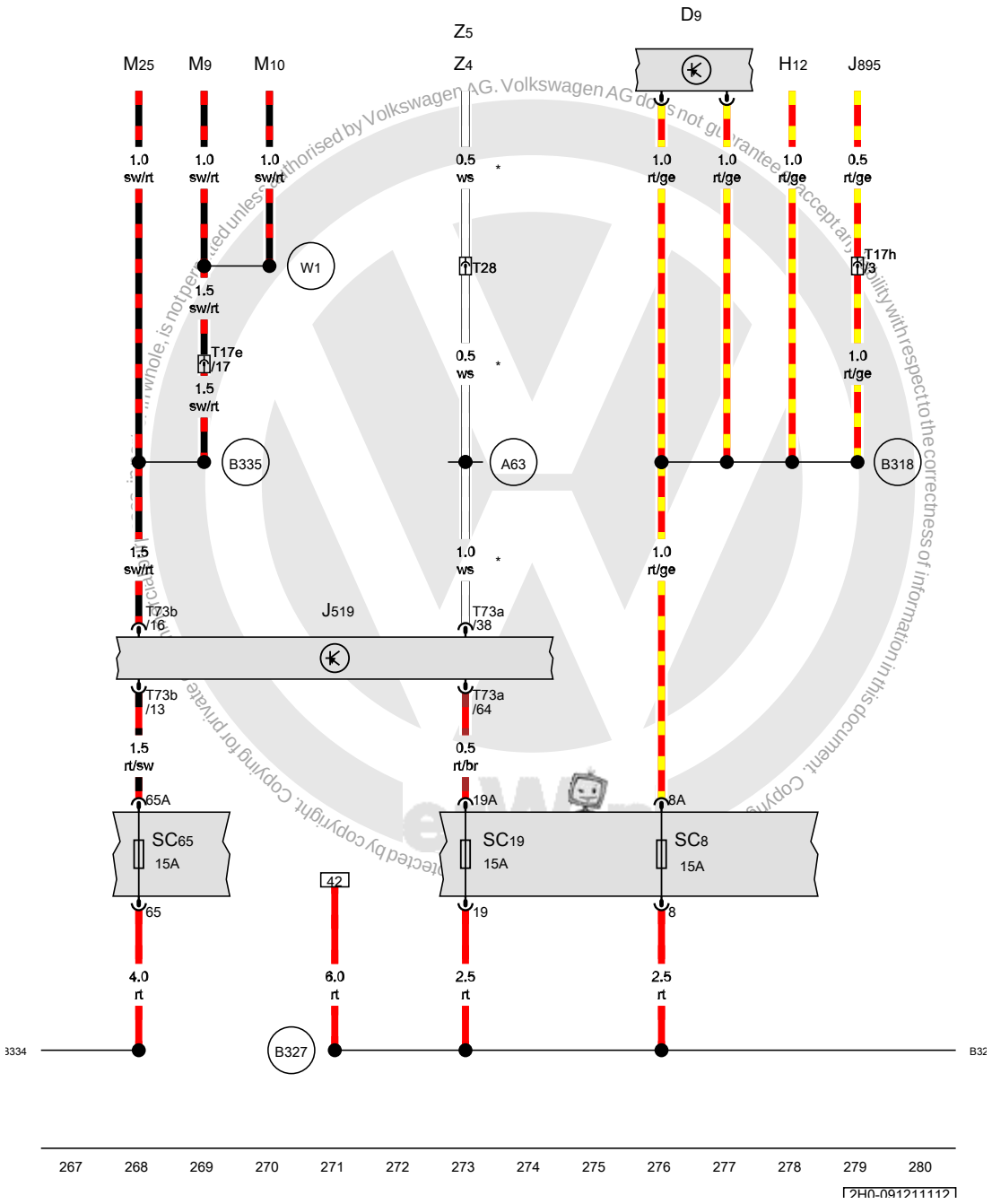

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Fuse 8 on fuse holder C, Fuse 19 on fuse holder C, Fuse 65 on fuse holder C

D9	Electronic ignition lock
H12	Alarm horn
J519	Onboard supply control unit
J895	Control unit for vehicle location system
M9	Left brake light bulb
M10	Right brake light bulb
M25	Additional brake light bulb
SC8	Fuse 8 on fuse holder C
SC19	Fuse 19 on fuse holder C
SC65	Fuse 65 on fuse holder C
T17e	17-pin connector, near handbrake lever, blue
T17h	17-pin connector, on left under dash panel, blue
T28	28-pin connector, near A-pillar
T73a	73-pin connector, black
T73b	73-pin connector, colourless
Z4	Heated exterior mirror on driver side
Z5	Heated exterior mirror on front passenger side
A63	Connection (mirror adjustment/heating), in dash panel wiring harness
B318	Positive connection 4 (30a) in main wiring harness
B327	Positive connection 13 (30a) in main wiring harness
B334	Positive connection 20 (30a) in main wiring harness
B335	Connection 1 (54), in main wiring harness
W1	Positive connection 1 (54), in rear wiring harness
*	see applicable current flow diagram for window regulators/ basic equipment/ convenience system

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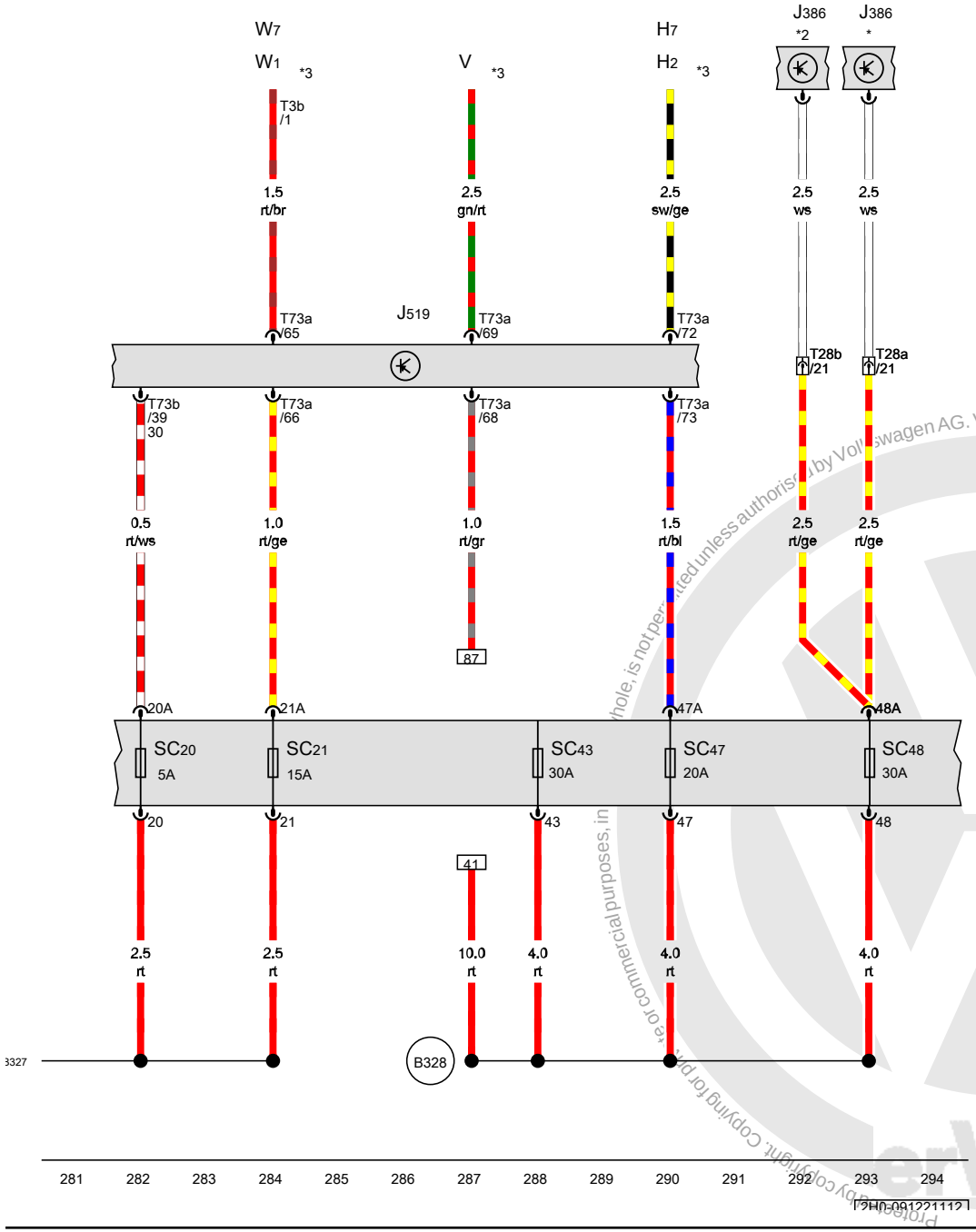

Fuse 20 on fuse holder C, Fuse 21 on fuse holder C, Fuse 43 on fuse holder C, Fuse 47 on fuse holder C, Fuse 48 on fuse holder C

H2	Treble horn
H7	Bass horn
J386	Driver door control unit
J519	Onboard supply control unit
SC20	Fuse 20 on fuse holder C
SC21	Fuse 21 on fuse holder C
SC43	Fuse 43 on fuse holder C
SC47	Fuse 47 on fuse holder C
SC48	Fuse 48 on fuse holder C
T3b	3-pin connector
T28a	28-pin connector, in left A-pillar
T28b	28-pin connector, on right A-pillar
T73a	73-pin connector, black
T73b	73-pin connector, colourless
V	Windscreen wiper motor
W1	Front interior light
W7	Centre interior light
B327	Positive connection 13 (30a) in main wiring harness
B328	Positive connection 14 (30a) in main wiring harness
*	Only left-hand drive models
*2	Only right-hand drive models
*3	see applicable current flow diagram for basic equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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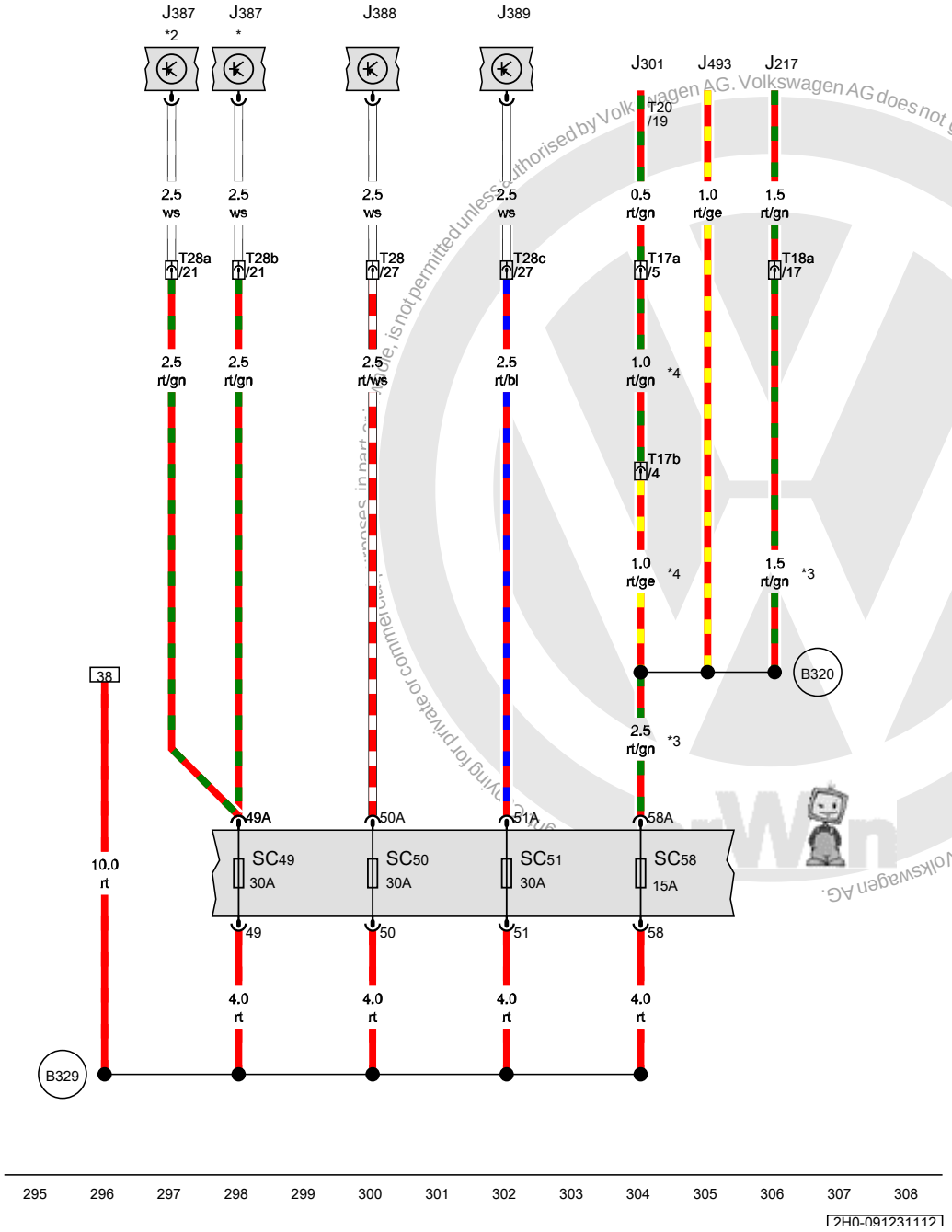

Fuse 49 on fuse holder C, Fuse 50 on fuse holder C, Fuse 51 on fuse holder C, Fuse 58 on fuse holder C

J217	Automatic gearbox control unit
J301	Air conditioning system control unit
J387	Front passenger door control unit
J388	Rear left door control unit
J389	Rear right door control unit
J493	Auxiliary coolant heater relay
SC49	Fuse 49 on fuse holder C
SC50	Fuse 50 on fuse holder C
SC51	Fuse 51 on fuse holder C
SC58	Fuse 58 on fuse holder C
T17a	17-pin connector, behind glove compartment, black
T17b	17-pin connector, on left under dash panel, brown
T18a	18-pin connector, near engine control unit, grey
T20	20-pin connector
T28	28-pin connector, near A-pillar
T28a	28-pin connector, in left A-pillar
T28b	28-pin connector, on right A-pillar
T28c	28-pin connector
B320	Positive connection 6 (30a) in main wiring harness
B329	Positive connection 15 (30a) in main wiring harness
*	Only left-hand drive models
*2	Only right-hand drive models
*3	Only models with automatic gearbox
*4	Only models with Climatic

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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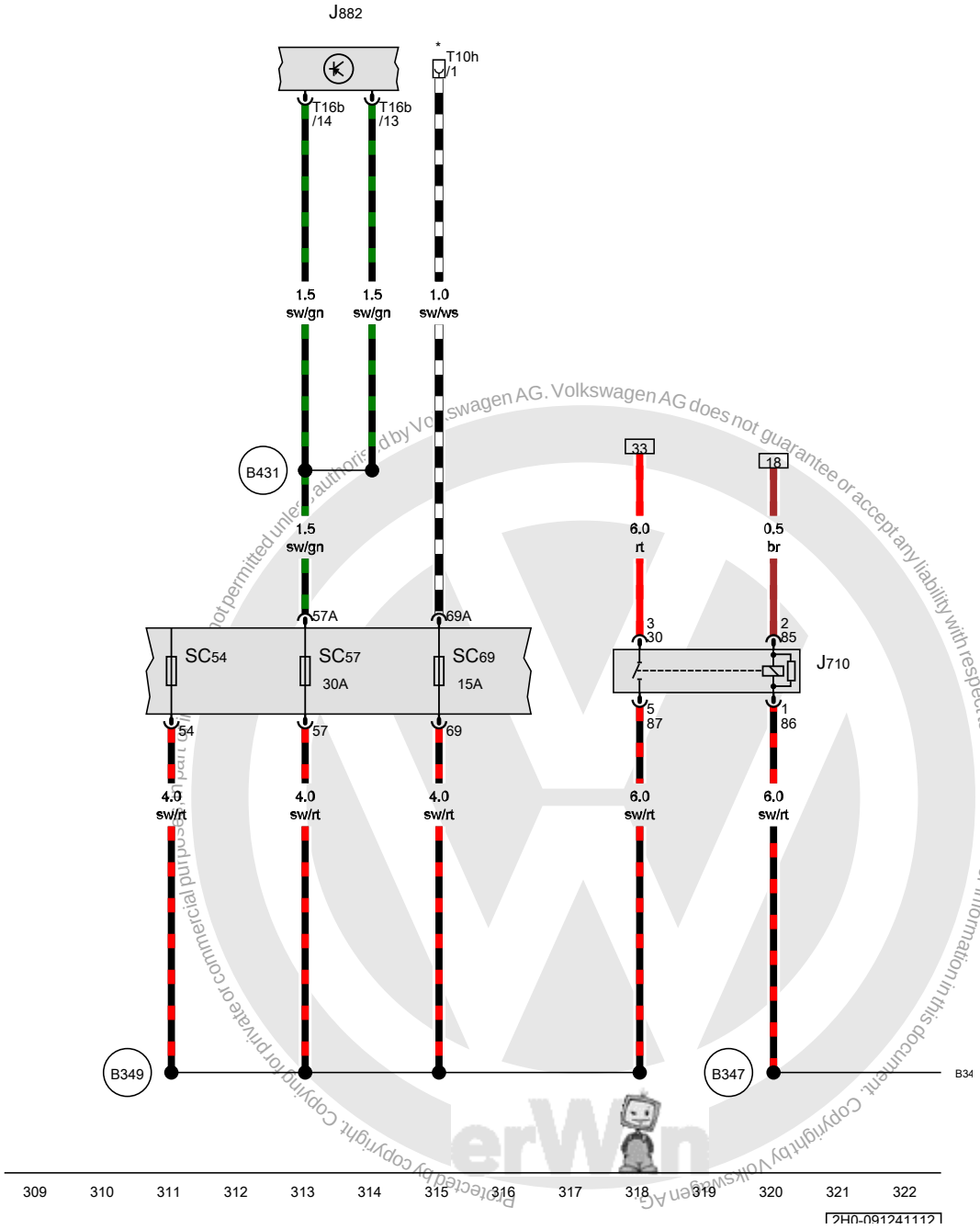

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Voltage supply relay 2, Fuse 57 on fuse holder C, Fuse 69 on fuse holder C

J710	Voltage supply relay 2
J882	Seat heating control unit
SC54	Fuse 54 on fuse holder C
SC57	Fuse 57 on fuse holder C
SC69	Fuse 69 on fuse holder C
T10h	10-pin connector, in left footwell, near centre console, purple
T16b	16-pin connector, black
B347	Connection 2 (75), in main wiring harness
B349	Connection 2 (75a), in main wiring harness
B431	Connection (seat heating), in main wiring harness
*	Only models with electric interface for external use

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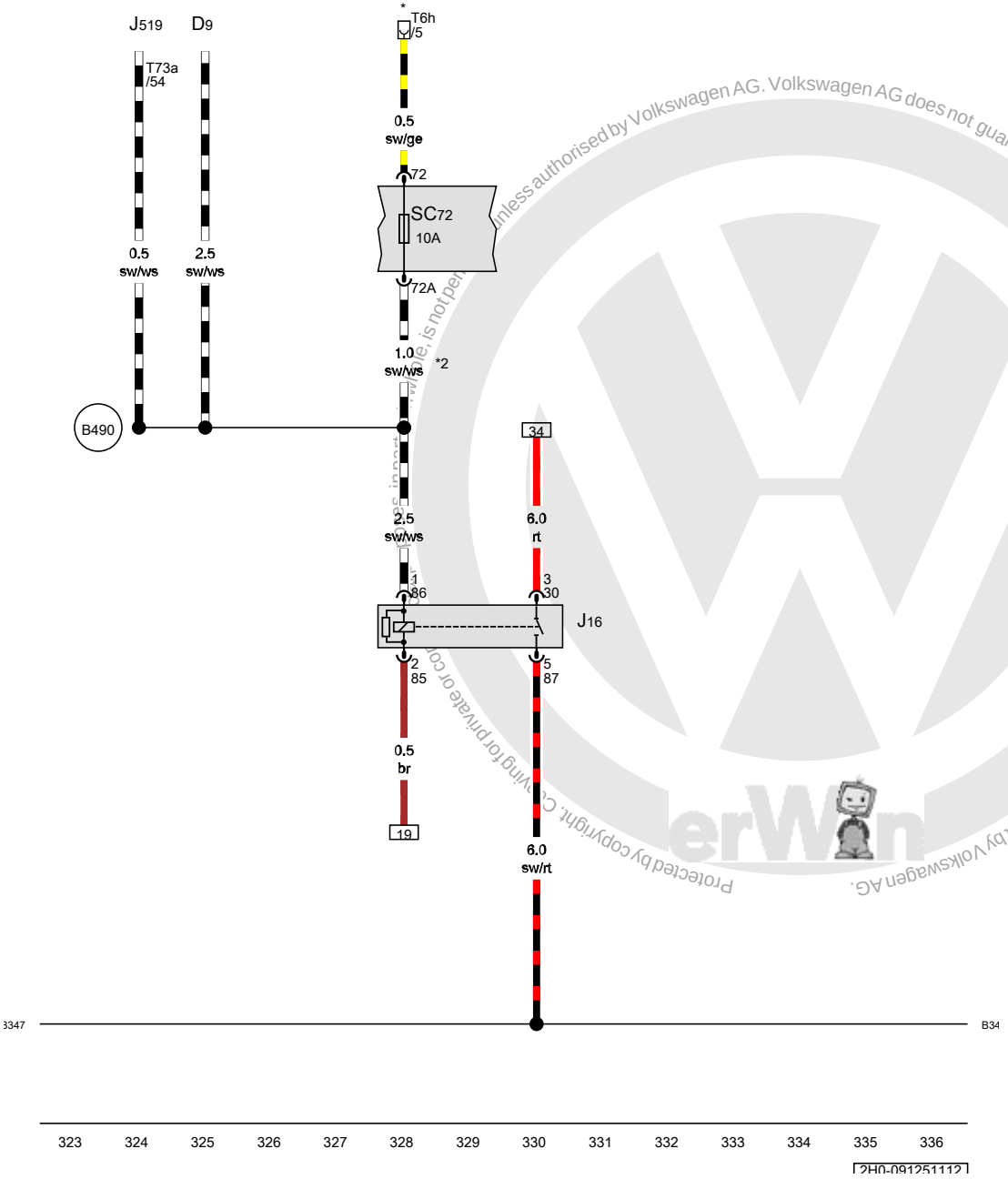

Current supply relay, Fuse 72 on fuse holder C

D9	Electronic ignition lock
J16	Current supply relay
J519	Onboard supply control unit
SC72	Fuse 72 on fuse holder C
T6h	6-pin connector, in left footwell, near centre console, grey
T73a	73-pin connector
B347	Connection 2 (75), in main wiring harness
B490	Connection 26, in main wiring harness
*	Only models with electric interface for external use
*2	Only models with fog lights

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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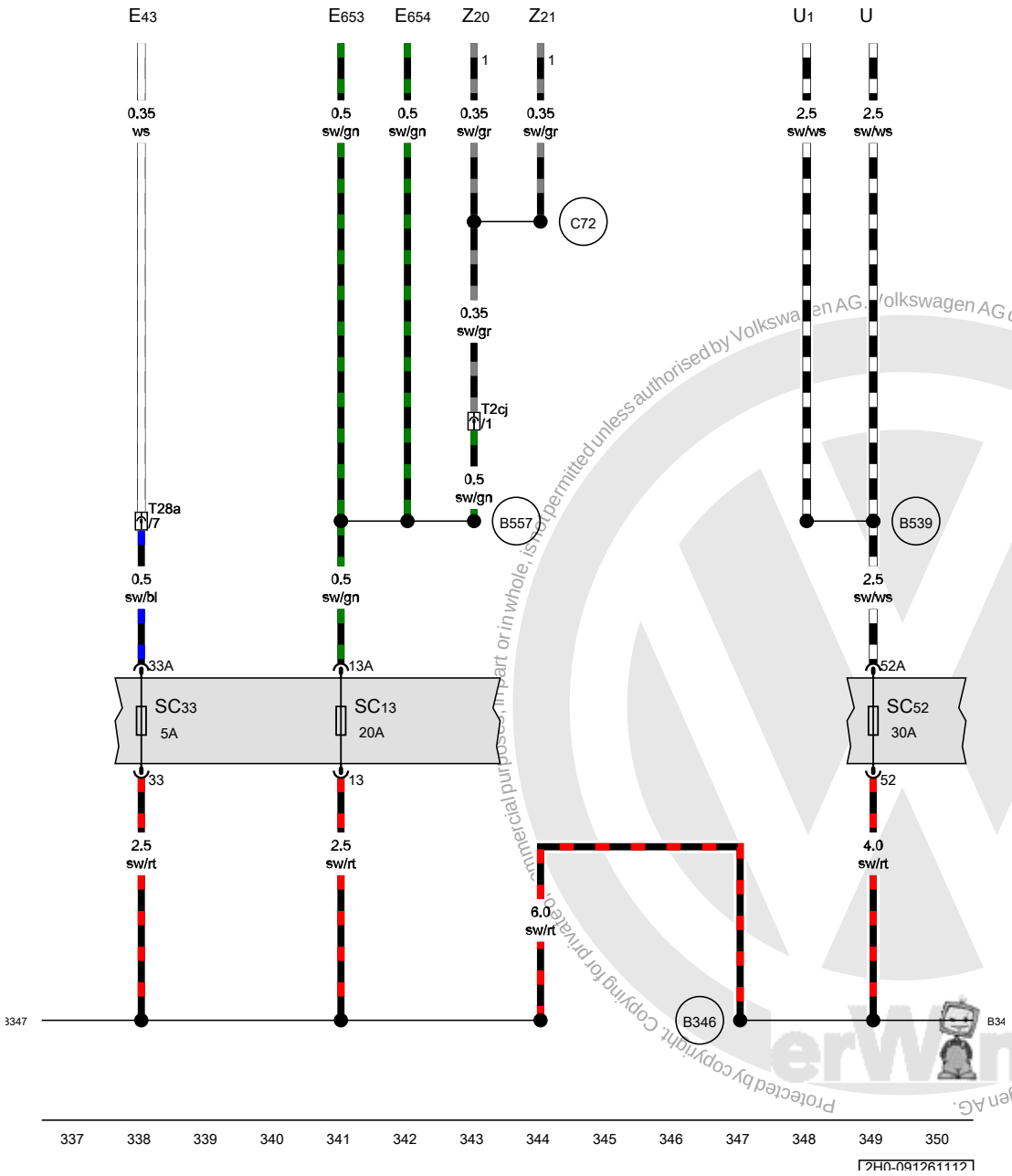

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Fuse 13 on fuse holder C, Fuse 33 on fuse holder C, Fuse 52 on fuse holder C

E43	Mirror adjustment switch, in driver door
E653	Button for left seat heating, on centre console switch module
E654	Button for right seat heating, on centre console switch module
SC13	Fuse 13 on fuse holder C
SC33	Fuse 33 on fuse holder C
SC52	Fuse 52 on fuse holder C
T2cj	2-pin connector
T28a	28-pin connector, in left A-pillar
U	Electric socket, on centre console switch module
U1	Cigarette lighter, on centre console switch module
Z20	Left washer jet heater element
Z21	Right washer jet heater element
B346	Connection 1 (75), in main wiring harness
B347	Connection 2 (75), in main wiring harness
B539	Connection 30, in main wiring harness
B557	Positive connection 21 (30a) in main wiring harness
C72	Positive connection in heated washer jet wiring harness

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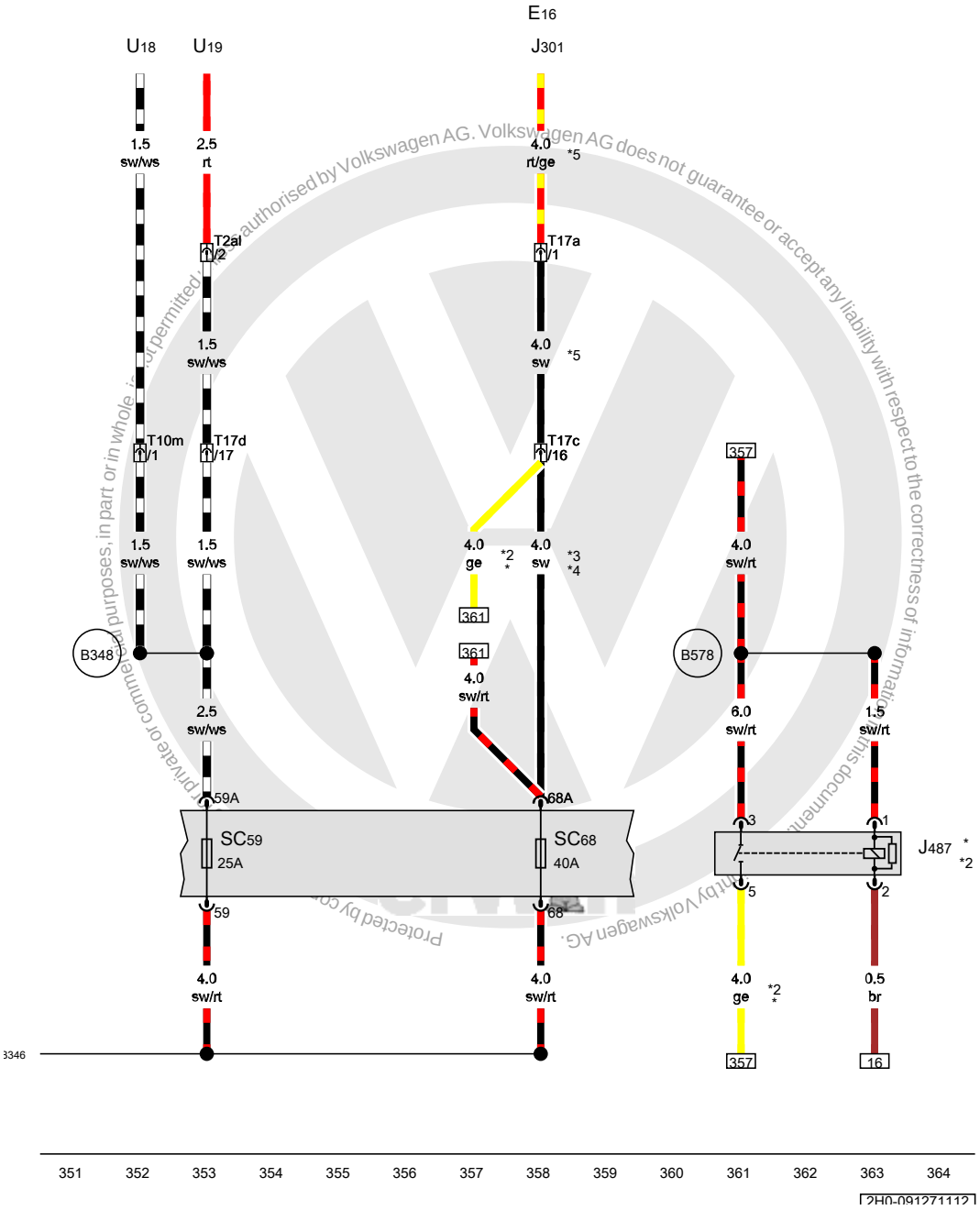

Fuse 59 on fuse holder C, Fuse 68 on fuse holder C

E16	Heater/heat output switch
J301	Air conditioning system control unit
J487	Fresh air blower isolation relay
SC59	Fuse 59 on fuse holder C
SC68	Fuse 68 on fuse holder C
T2al	2-pin connector, in rear left wheel housing, black
T10m	10-pin connector, near handbrake lever, brown
T17a	17-pin connector, behind glove compartment, black
T17c	17-pin connector, on left under dash panel, white
T17d	17-pin connector, on left under dash panel, green
U18	12 V socket 2, in centre of dash panel, in storage compartment
U19	12 V socket 3, in rear left wheel housing
B346	Connection 1 (75), in main wiring harness
B348	Connection 1 (75a), in main wiring harness
B578	Positive connection 2 (75), in interior wiring harness
*	Only models with auxiliary coolant heater
*2	Only models with Climatic
*3	Only models with no Climatronic
*4	Only models with no auxiliary coolant heater
*5	see applicable current flow diagram

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
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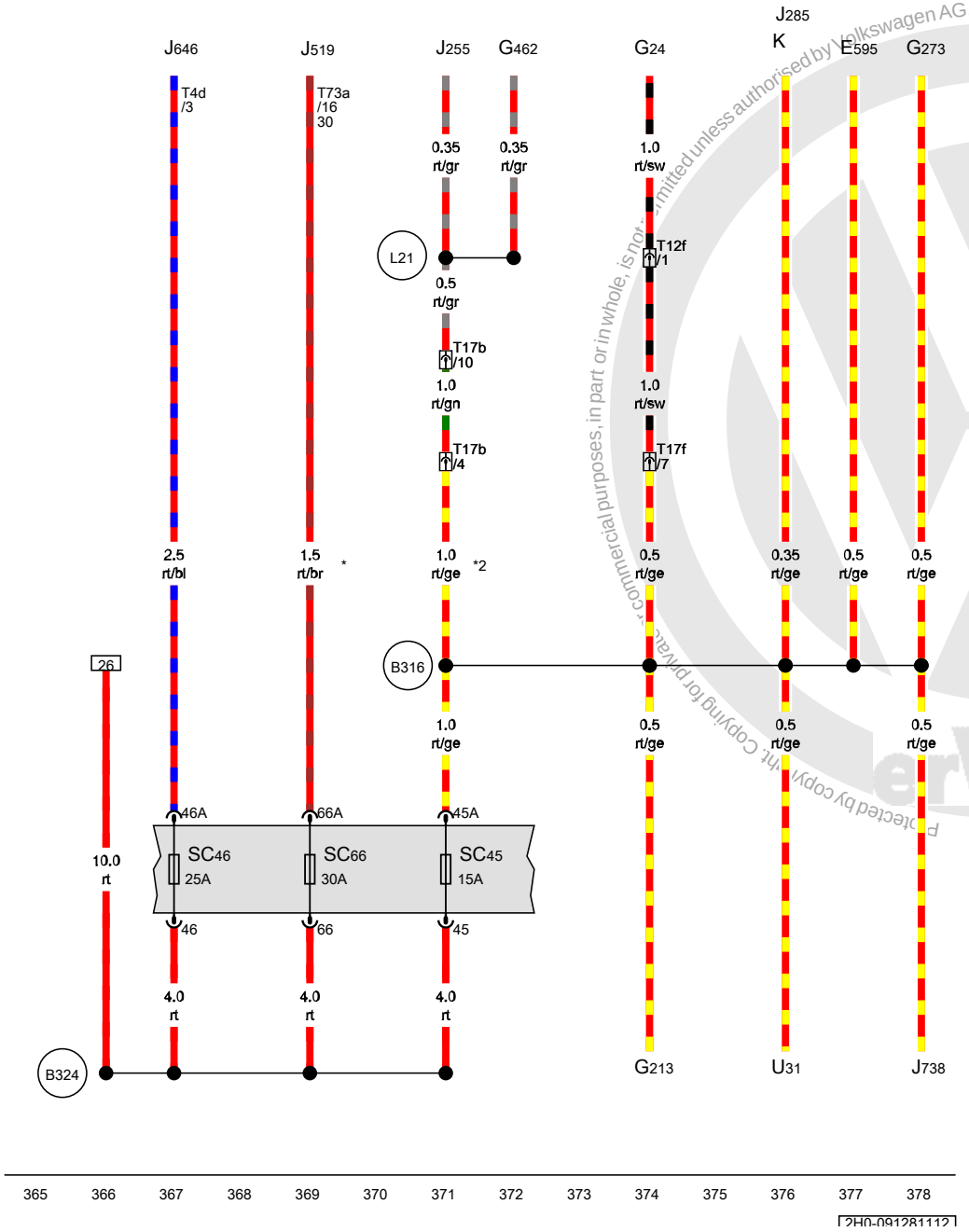

Steering column combination switch, Rain sensor, Interior monitoring sensor, Telephone controls control unit, Dash panel insert, Fuse 45 on fuse holder C, Fuse 46 on fuse holder C, Fuse 66 on fuse holder C, Diagnostic connection

E595	Steering column combination switch
G24	Tachograph
G213	Rain sensor
G273	Interior monitoring sensor
G462	Sender for front Bitron blower regulation
J255	Climatronic control unit
J285	Control unit in dash panel insert
J519	Onboard supply control unit
J646	Transfer box control unit
J738	Telephone controls control unit
K	Dash panel insert
SC45	Fuse 45 on fuse holder C
SC46	Fuse 46 on fuse holder C
SC66	Fuse 66 on fuse holder C
T4d	4-pin connector
T12f	12-pin connector, near handbrake lever, black
T17b	17-pin connector, on left under dash panel, brown
T17f	17-pin connector, near handbrake lever, blue
T73a	73-pin connector, black
U31	Diagnostic connection
B316	Positive connection 2 (30a) in main wiring harness
B324	Positive connection 10 (30a) in main wiring harness
L21	Connection 1 (30), in Climatronic operating unit wiring harness
*	Only models with central locking
*2	Only models with Climatronic

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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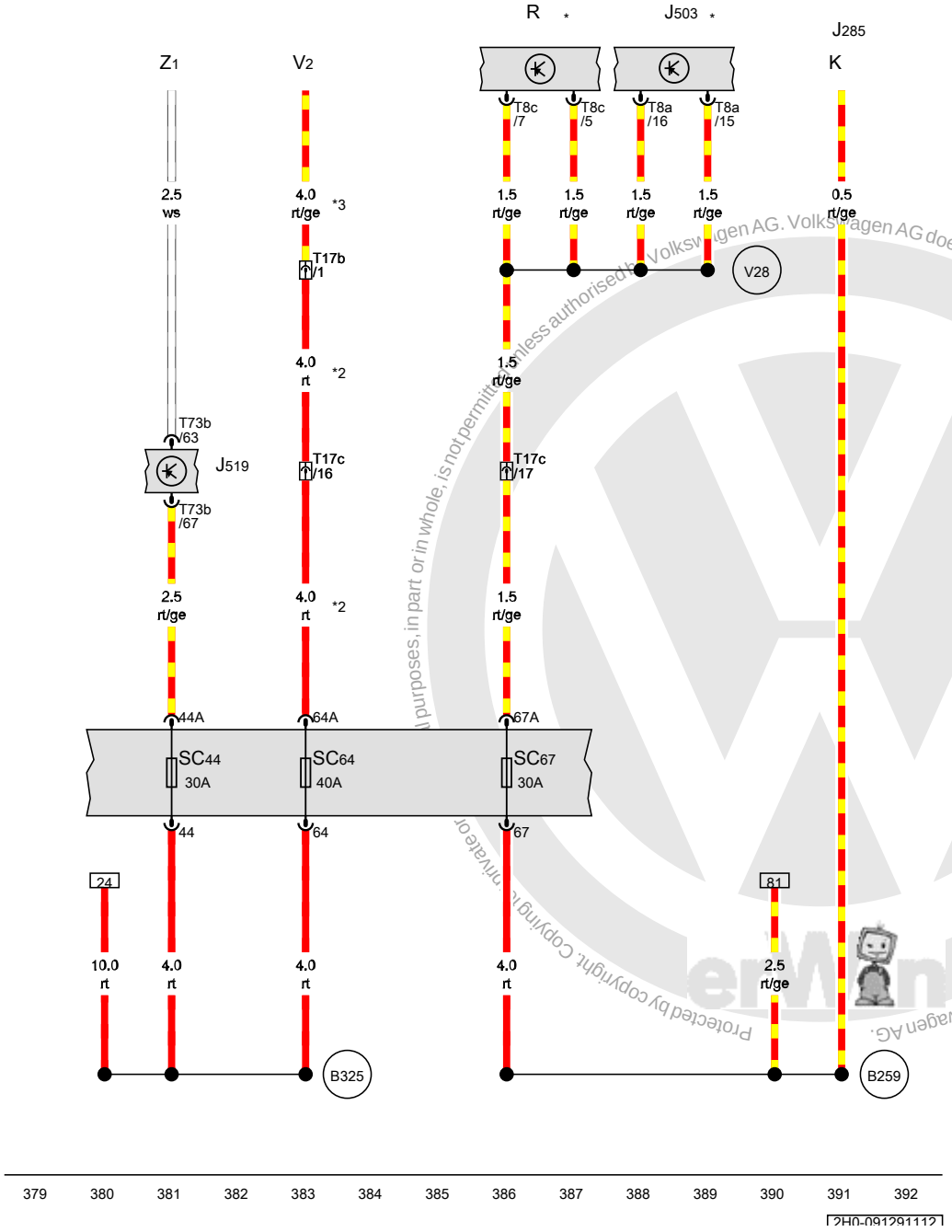

Fuse 44 on fuse holder C, Fuse 64 on fuse holder C, Fuse 67 on fuse holder C

J285	Control unit in dash panel insert
J503	Control unit with display for radio and navigation
J519	Onboard supply control unit
K	Dash panel insert
R	Radio
SC44	Fuse 44 on fuse holder C
SC64	Fuse 64 on fuse holder C
SC67	Fuse 67 on fuse holder C
T8a	8-pin connector, black
T8c	8-pin connector, black
T17b	17-pin connector, behind glove compartment, black
T17c	17-pin connector, on left under dash panel, white
T73b	73-pin connector, colourless
V2	Fresh air blower
Z1	Heated rear window
B259	Connection (start/stop signal), in interior wiring harness
B325	Positive connection 11 (30a) in main wiring harness
V28	Connection 1, in radio wiring harness
*	According to equipment
*2	Only models with Climatronic
*3	see applicable current flow diagram

ws	=	white
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ro	=	red
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Exterior lighting , (7L3)

From January 2013

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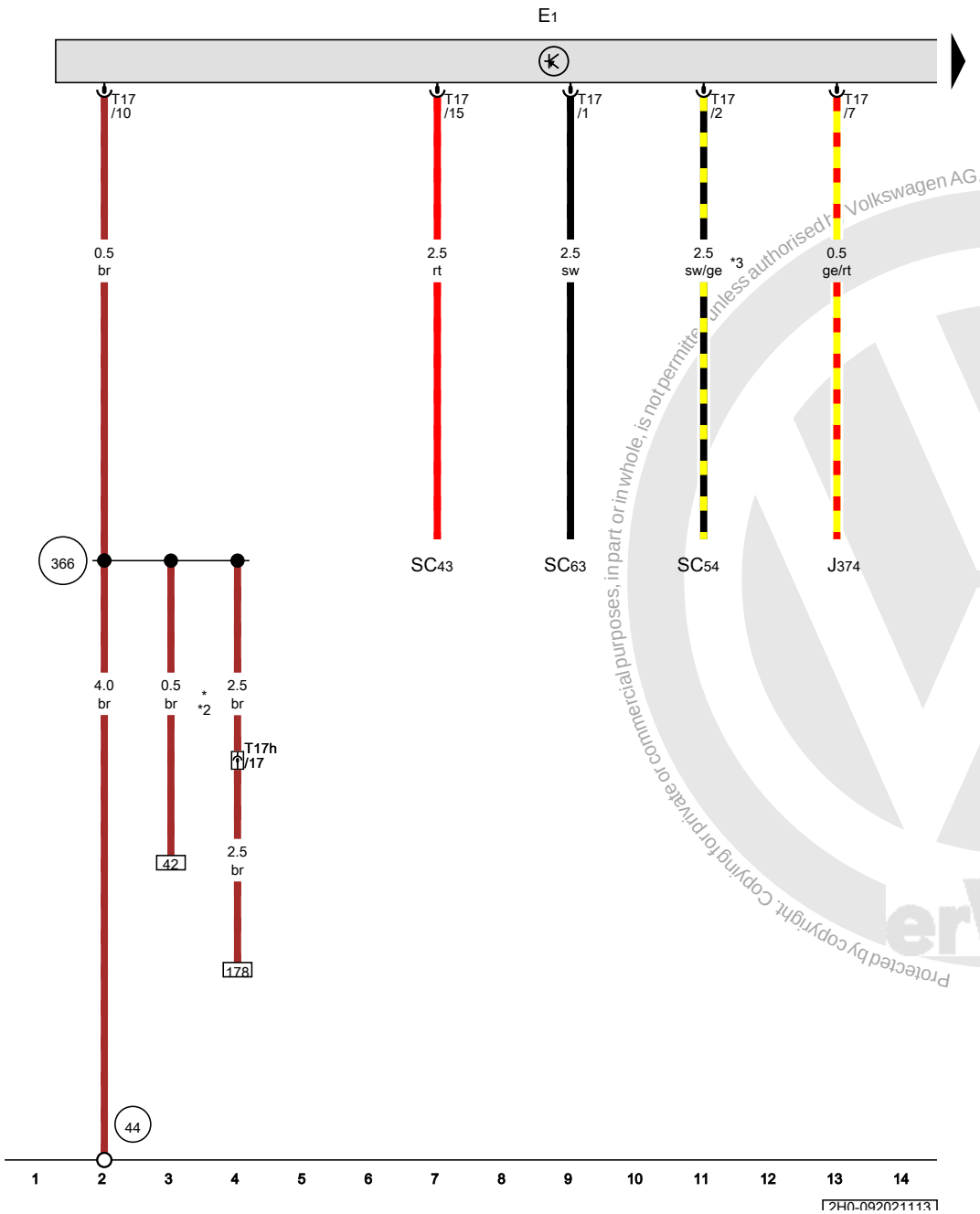

Light switch

E1	Light switch
J374	Terminal 58b relief relay
SC43	Fuse 43 on fuse holder C
SC54	Fuse 54 on fuse holder C
SC63	Fuse 63 on fuse holder C
T17	17-pin connector, black
T17h	17-pin connector, on left under dash panel, blue
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
*	Only models with headlight range control
*2	Only models with Highline equipment
*3	Only models with fog lights

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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ge	=	yellow
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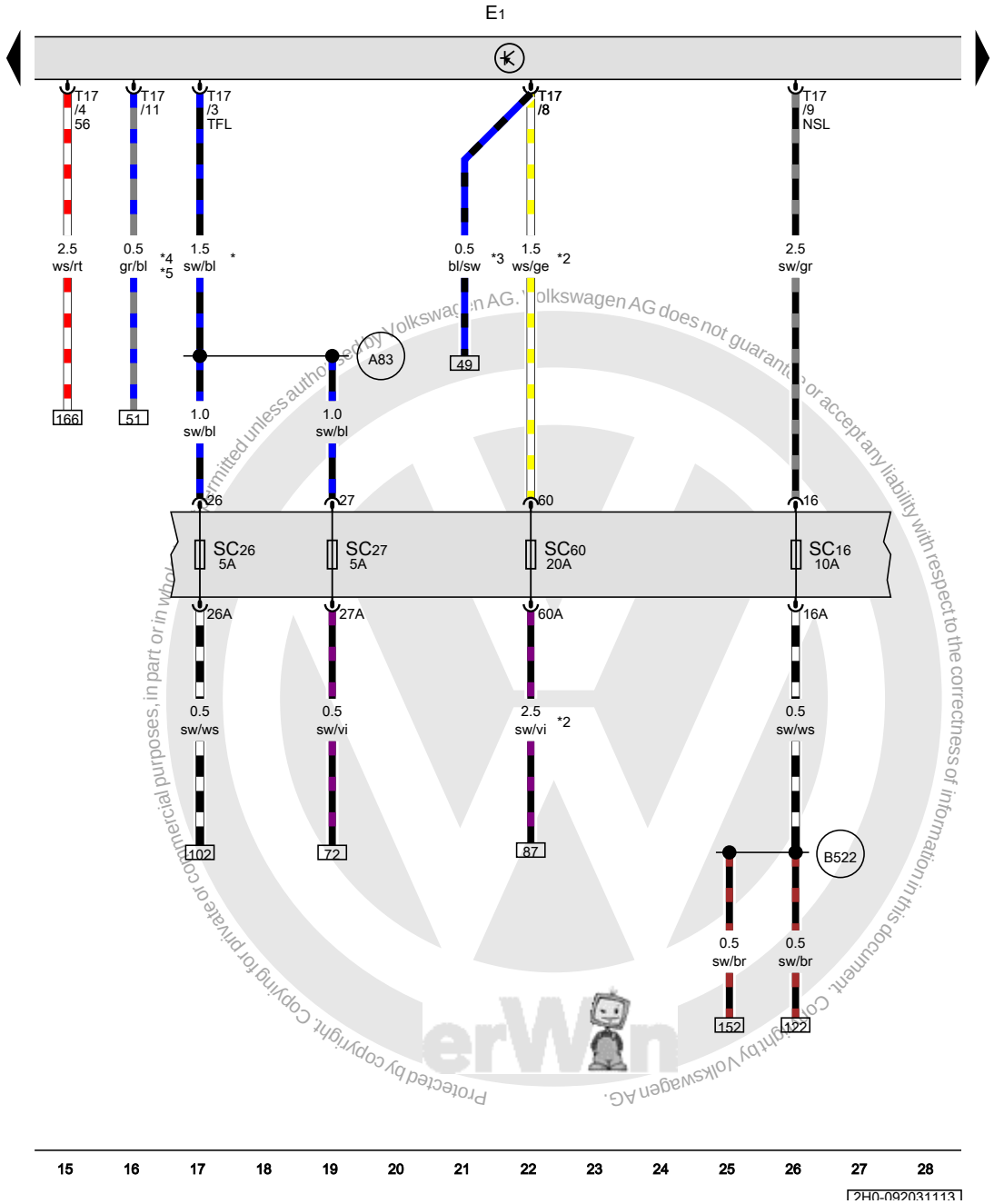

Light switch, Fuse 16 on fuse holder C, Fuse 26 on fuse holder C, Fuse 27 on fuse holder C, Fuse 60 on fuse holder C

E1	Light switch
SC16	Fuse 16 on fuse holder C
SC26	Fuse 26 on fuse holder C
SC27	Fuse 27 on fuse holder C
SC60	Fuse 60 on fuse holder C
T17	17-pin connector, black
A83	Connection (daytime running lights), in dash panel wiring harness
B522	Connection (FL), in main wiring harness
*	Only models with daytime running lights
*2	Only models with fog lights
*3	Only models with static cornering light
*4	Only models with electric interface for external use
*5	Only models with basic equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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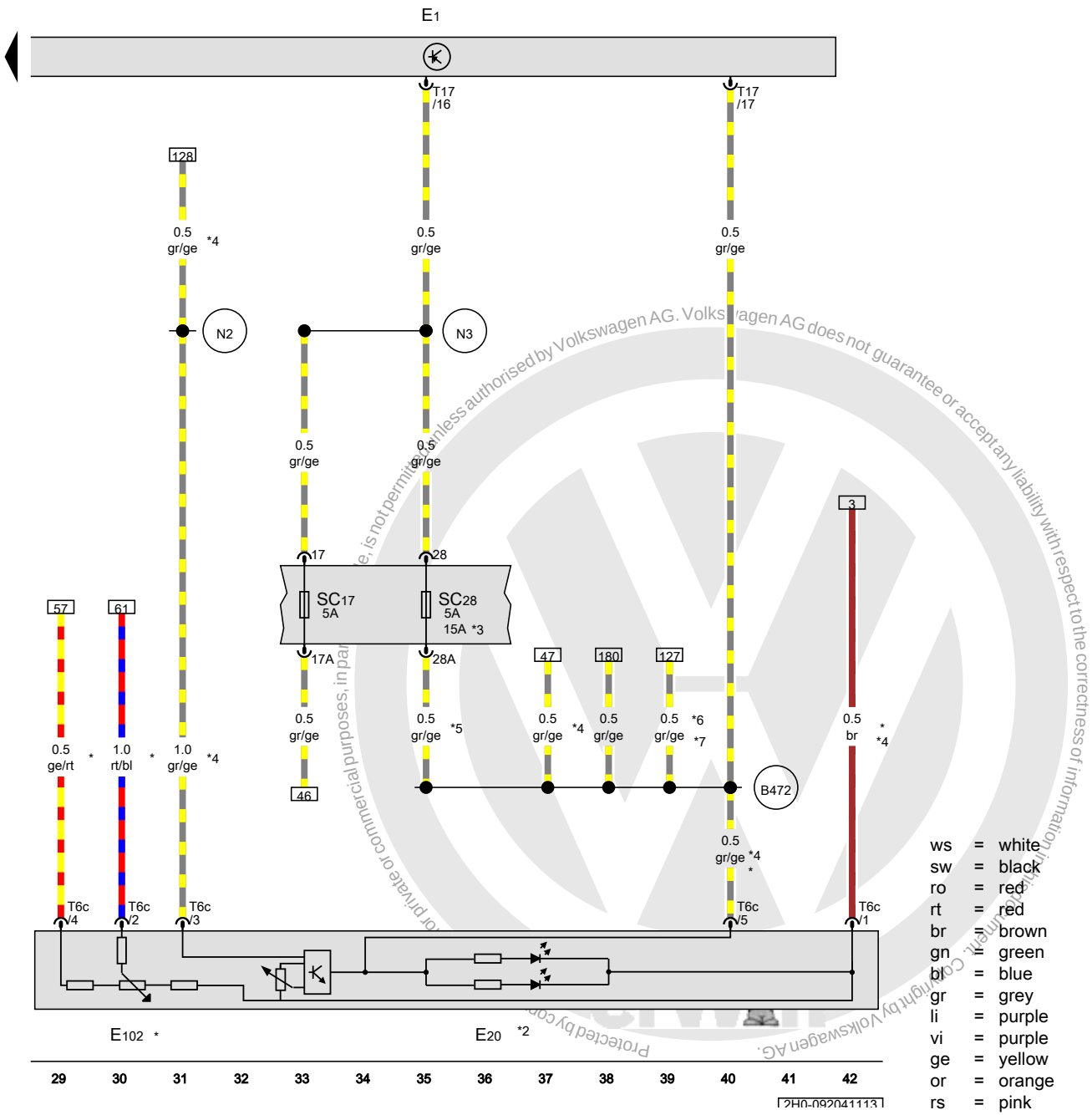

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Light switch, Switch and instrument illumination regulator, Headlight range control regulator, Fuse 28 on fuse holder C

E1	Light switch
E20	Switch and instrument illumination regulator
E102	Headlight range control regulator
SC17	Fuse 17 on fuse holder C
SC28	Fuse 28 on fuse holder C
T6c	6-pin connector, black
T17	17-pin connector, black
B472	Connection 8, in main wiring harness
N2	Connection 1, in headlight range control wiring harness
N3	Connection 2, in headlight range control wiring harness
*	Only models with headlight range control
*2	Only models with dimmable instrument illumination
*3	Only models with automatic driving lights control
*4	Only models with Highline equipment
*5	Only models with no dimmable instrument illumination
*6	Only models with Trendline equipment
*7	Only models with basic equipment

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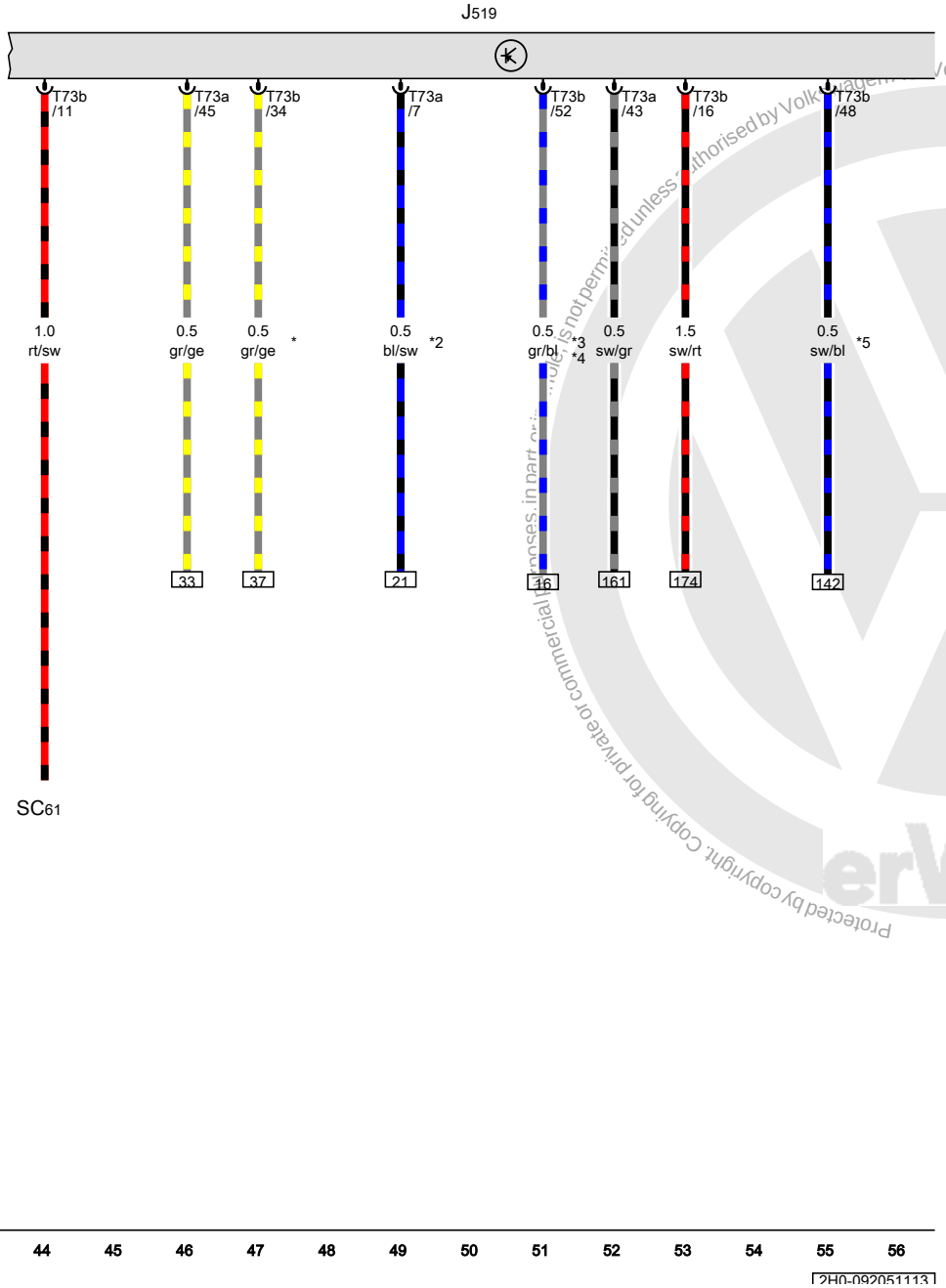

Onboard supply control unit

J519	Onboard supply control unit
SC61	Fuse 61 on fuse holder C
T73a	73-pin connector, black
T73b	73-pin connector, colourless
*	Only models with Highline equipment
*2	Only models with static cornering light
*3	Only models with electric interface for external use
*4	Only models with basic equipment
*5	Only models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
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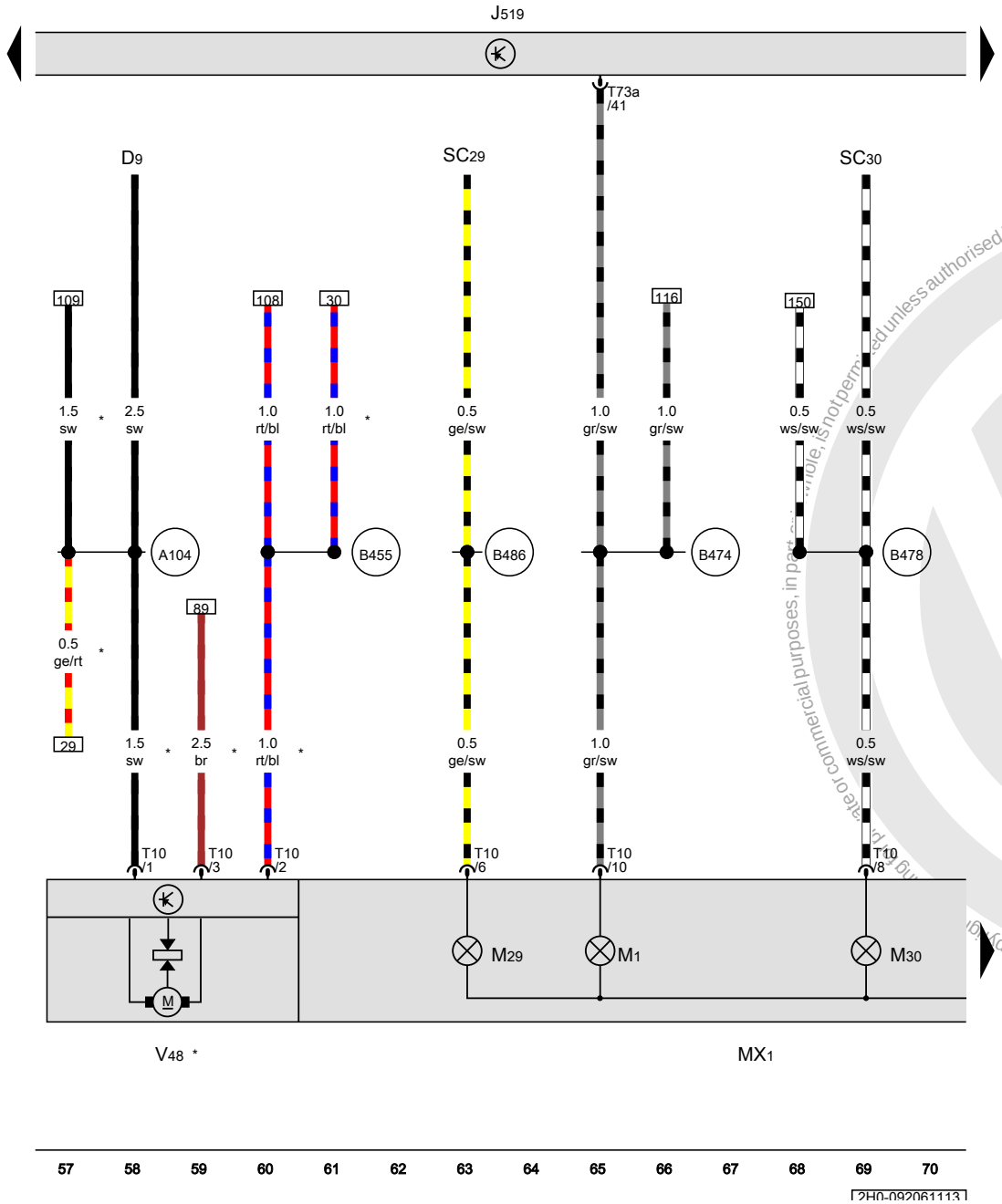

Onboard supply control unit, Front left headlight, Fuse 29 on fuse holder C

D9	Electronic ignition lock
J519	Onboard supply control unit
MX1	Front left headlight
M1	Left side light bulb
M29	Left headlight dipped beam bulb
M30	Left headlight main beam bulb
SC29	Fuse 29 on fuse holder C
SC30	Fuse 30 on fuse holder C
T10	10-pin connector
T73a	73-pin connector, black
V48	Left headlight range control motor
A104	Positive connection 2 (15), in dash panel wiring harness
B455	Connection (HRC), in main wiring harness
B474	Connection 10, in main wiring harness
B478	Connection 14, in main wiring harness
B486	Connection 22, in main wiring harness
*	Only models with headlight range control

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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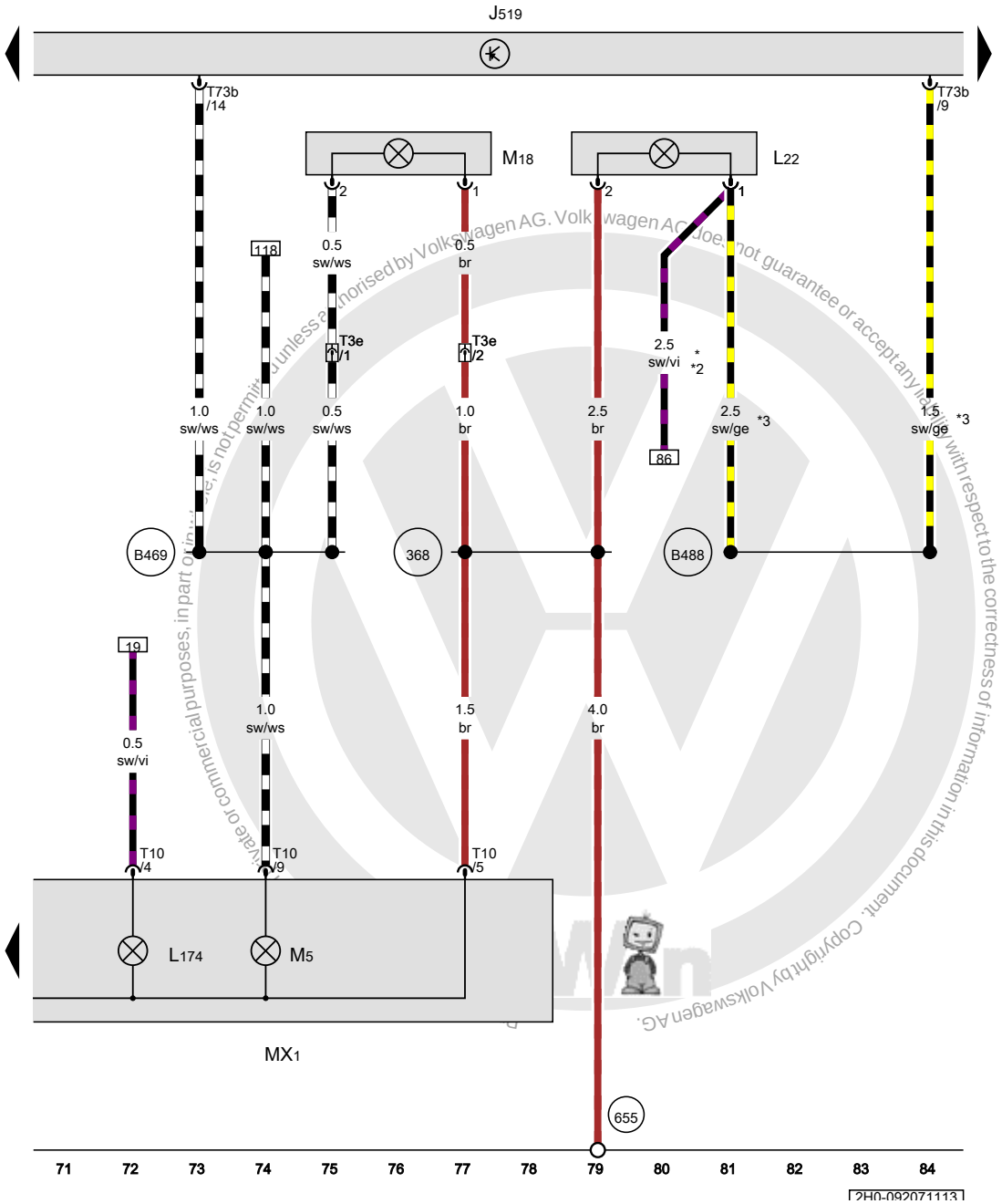

Onboard supply control unit, Left fog light bulb, Front left headlight, Left turn signal repeater bulb

J519	Onboard supply control unit
L22	Left fog light bulb
L174	Left daytime running light bulb
MX1	Front left headlight
M5	Front left turn signal bulb
M18	Left turn signal repeater bulb
T3e	3-pin connector, in rear left of engine compartment, black
T10	10-pin connector
T73b	73-pin connector, colourless
368	Earth connection 3, in main wiring harness
655	Earth point, on left headlight, on left on bulkhead
B469	Connection 5, in main wiring harness
B488	Connection 24, in main wiring harness
*	Only models with no static cornering light
*2	Only models with fog lights
*3	Only models with static cornering light

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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ge	=	yellow
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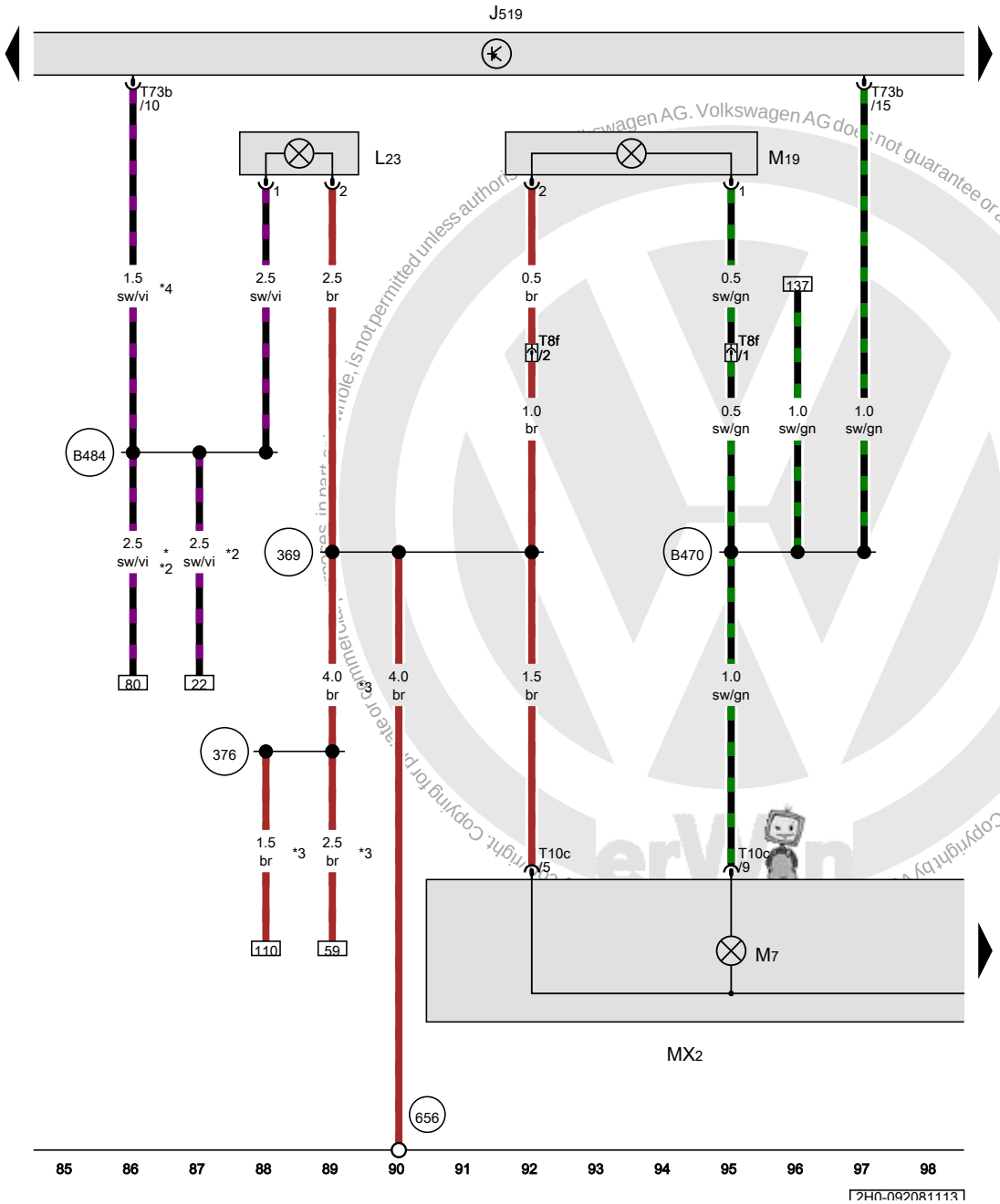

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Onboard supply control unit, Right fog light bulb, Front right headlight, Right turn signal repeater bulb

J519	Onboard supply control unit
L23	Right fog light bulb
MX2	Front right headlight
M7	Front right turn signal bulb
M19	Right turn signal repeater bulb
T8f	8-pin connector, in rear right of engine compartment, black
T10c	10-pin connector, black
T73b	73-pin connector, colourless
369	Earth connection 4, in main wiring harness
376	Earth connection 11, in main wiring harness
656	Earth point, on right headlight, on right on bulkhead
B470	Connection 6, in main wiring harness
B484	Connection 20, in main wiring harness
*	Only models with no static cornering light
*2	Only models with fog lights
*3	Only models with headlight range control
*4	Only models with static cornering light

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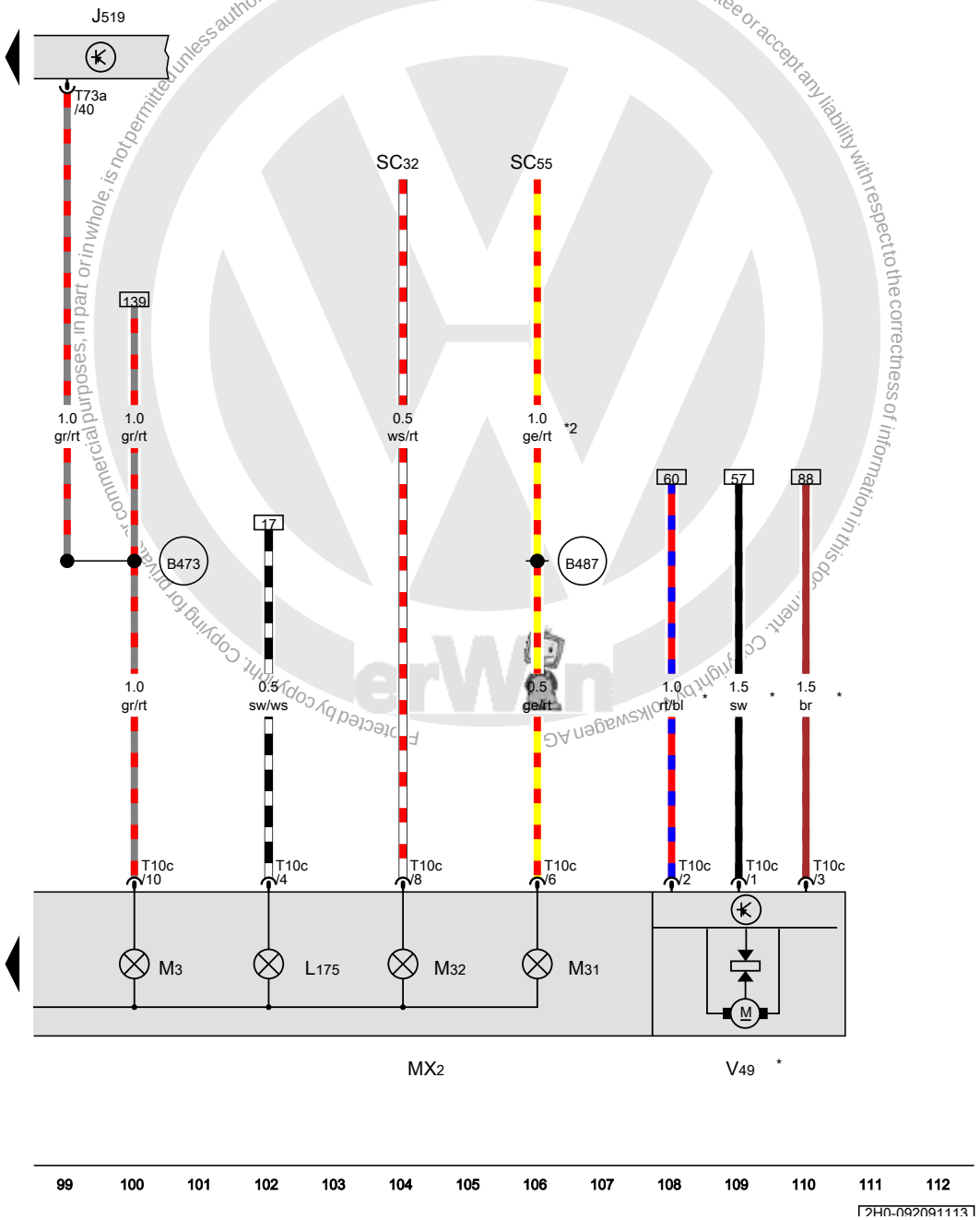

Onboard supply control unit, Front right headlight, Fuse 32 on fuse holder C, Fuse 55 on fuse holder C

J519	Onboard supply control unit
L175	Right daytime running light bulb
MX2	Front right headlight
M3	Right side light bulb
M31	Right headlight dipped beam bulb
M32	Right headlight main beam bulb
SC32	Fuse 32 on fuse holder C
SC55	Fuse 55 on fuse holder C
T10c	10-pin connector, black
T73a	73-pin connector, black
V49	Right headlight range control motor
B473	Connection 9, in main wiring harness
B487	Connection 23, in main wiring harness
*	Only models with headlight range control
*2	Only models with no headlight range control

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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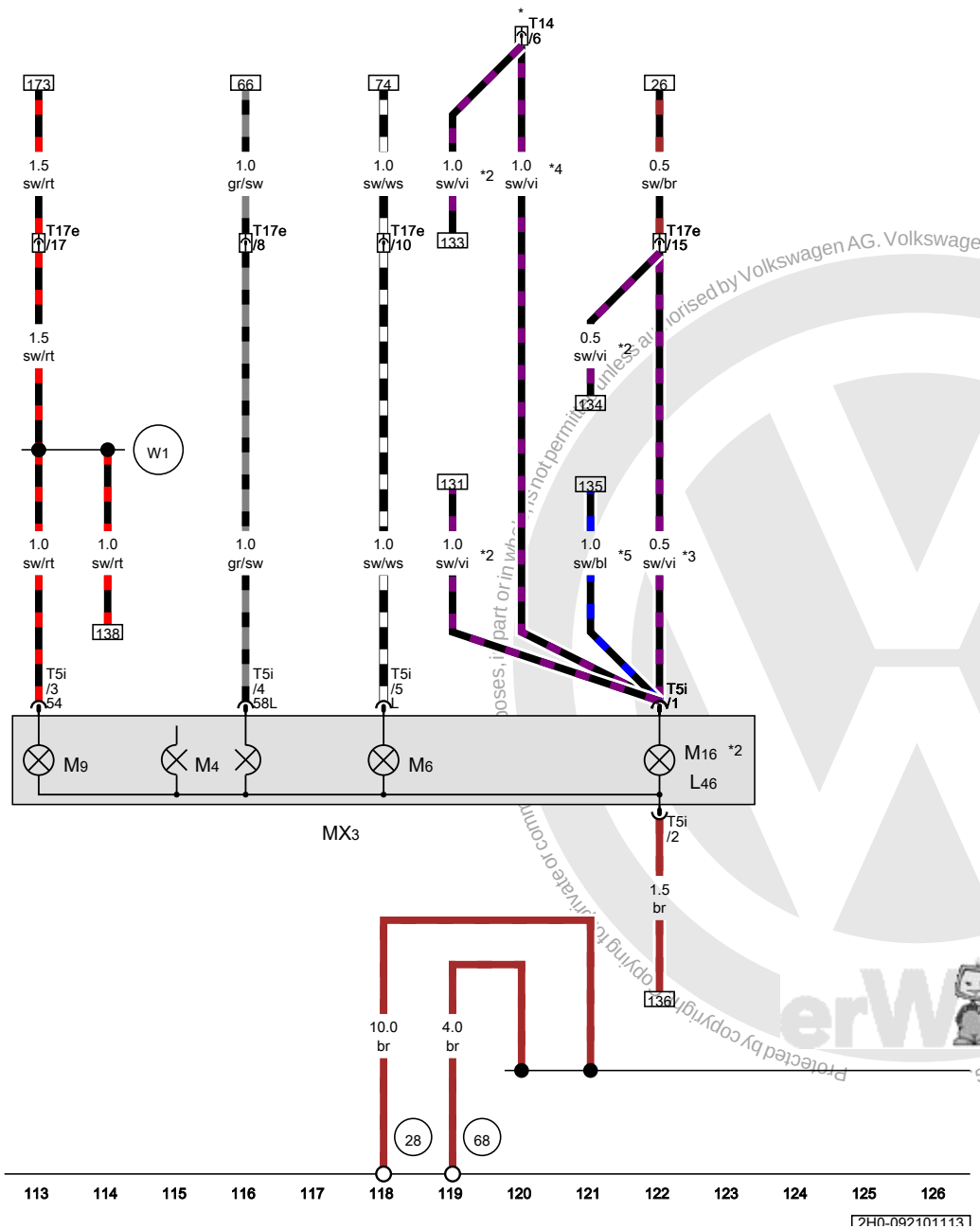

Left tail light

L46	Rear left fog light bulb
MX3	Left tail light
M4	Left tail light bulb
M6	Rear left turn signal bulb
M9	Left brake light bulb
M16	Left reversing light bulb
T5i	5-pin connector, black
T14	14-pin connector, behind rear bumper on left, black
T17e	17-pin connector, near handbrake lever, red
28	Earth point, on bulkhead
68	Earth point, on left of rear cross member
86	Earth connection 1, in rear wiring harness
W1	Positive connection 1 (54), in rear wiring harness
*	see applicable current flow diagram for preparation for trailer coupling
*2	Only right-hand drive models
*3	Only models with no towing bracket
*4	Only left-hand drive models
*5	Only models with no rear fog light

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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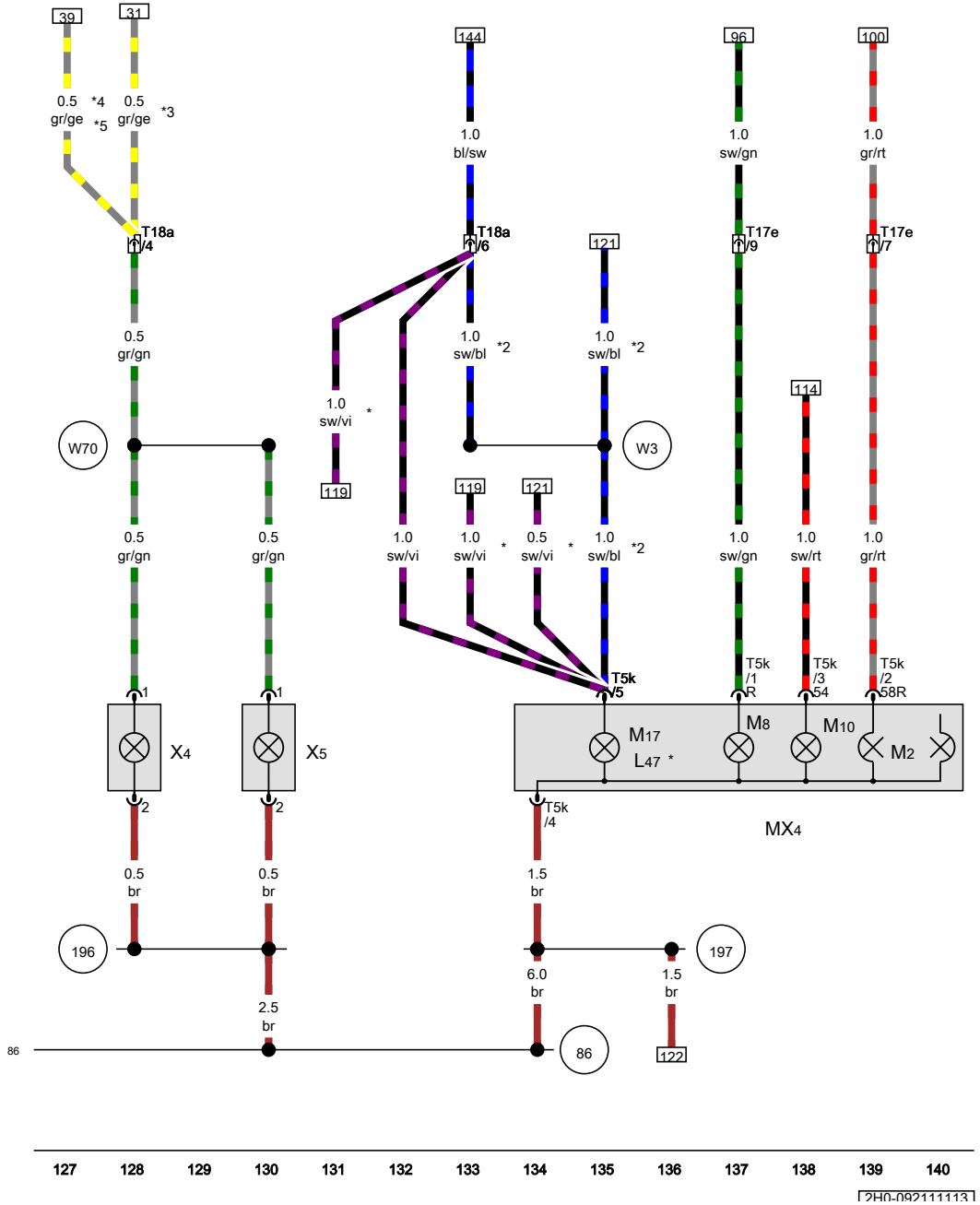

Right tail light, Left number plate light, Right number plate light

L47	Rear right fog light bulb
M2	Right tail light bulb
MX4	Right tail light
M8	Rear right turn signal bulb
M10	Right brake light bulb
M17	Right reversing light bulb
T5k	5-pin connector, black
T17e	17-pin connector, near handbrake lever, red
T18a	18-pin connector, near engine control unit, grey
X4	Left number plate light
X5	Right number plate light
86	Earth connection 1, in rear wiring harness
196	Earth connection 3, in rear wiring harness
197	Earth connection 4, in rear wiring harness
W3	Connection in rear wiring harness
W70	Positive connection 2 (58), in number plate wiring harness
*	Only right-hand drive models
*2	Only models with no rear fog light
*3	Only models with Highline equipment
*4	Only models with Trendline equipment
*5	Only models with basic equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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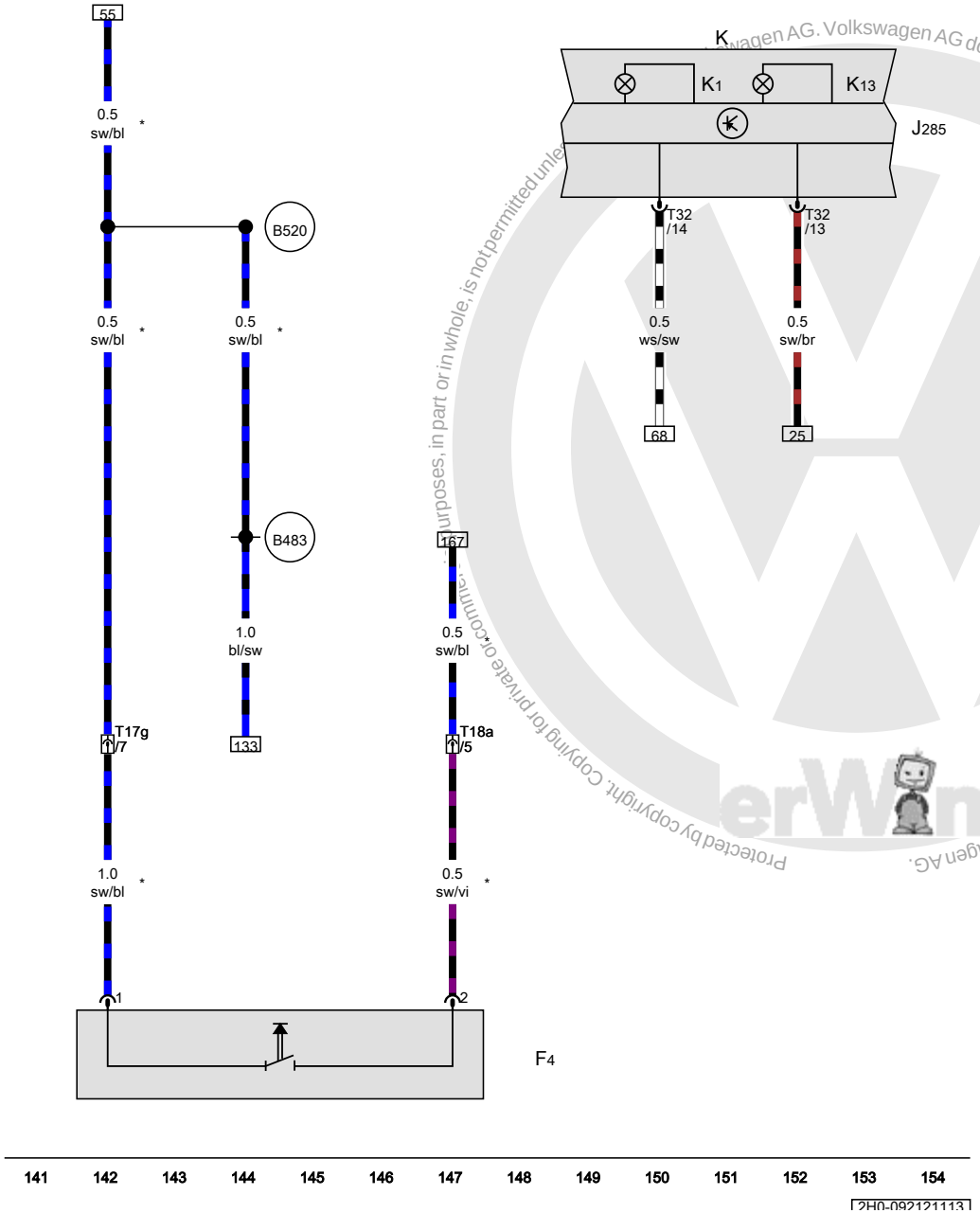

Reversing light switch, Control unit in dash panel insert, Dash panel insert

F4	Reversing light switch
J285	Control unit in dash panel insert
K	Dash panel insert
K1	Main beam warning lamp
K13	Rear fog light warning lamp
T17g	17-pin connector, near handbrake lever, black
T18a	18-pin connector, near engine control unit, grey
T32	32-pin connector, blue
B483	Connection 19, in main wiring harness
B520	Connection (RL), in main wiring harness
*	Only models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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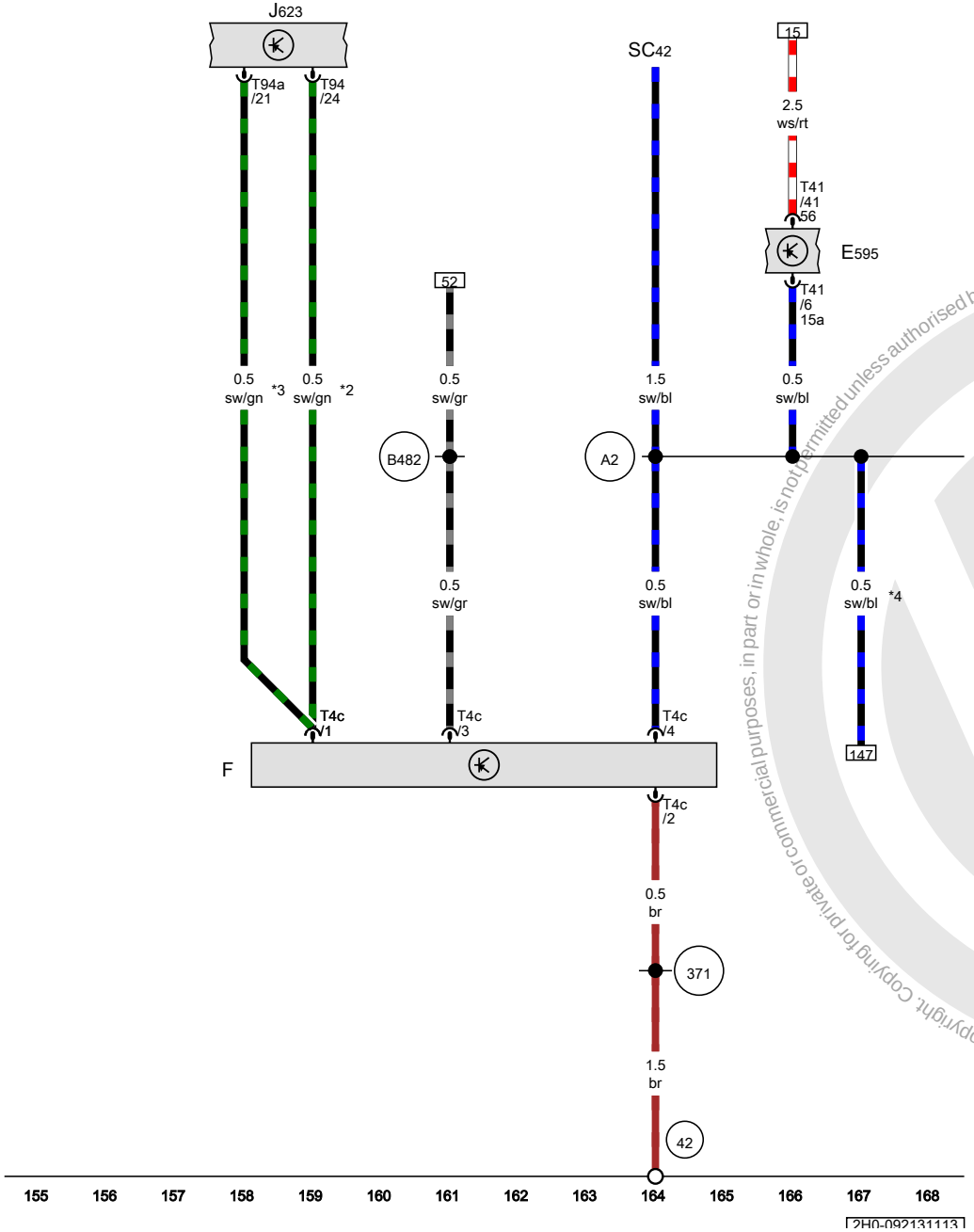

Steering column combination switch, Brake light switch, Engine control unit

E595	Steering column combination switch
F	Brake light switch
J623	Engine control unit
SC42	Fuse 42 on fuse holder C
T4c	4-pin connector, black
T41	41-pin connector, grey
T94	94-pin connector, black
T94a	94-pin connector, black
42	Earth point, next to steering column
371	Earth connection 6, in main wiring harness
A2	Positive connection (15), in dash panel wiring harness
B482	Connection 18, in main wiring harness
*	Only models with headlight range control
*2	Only models with petrol engine
*3	Only models with diesel engine
*4	Only models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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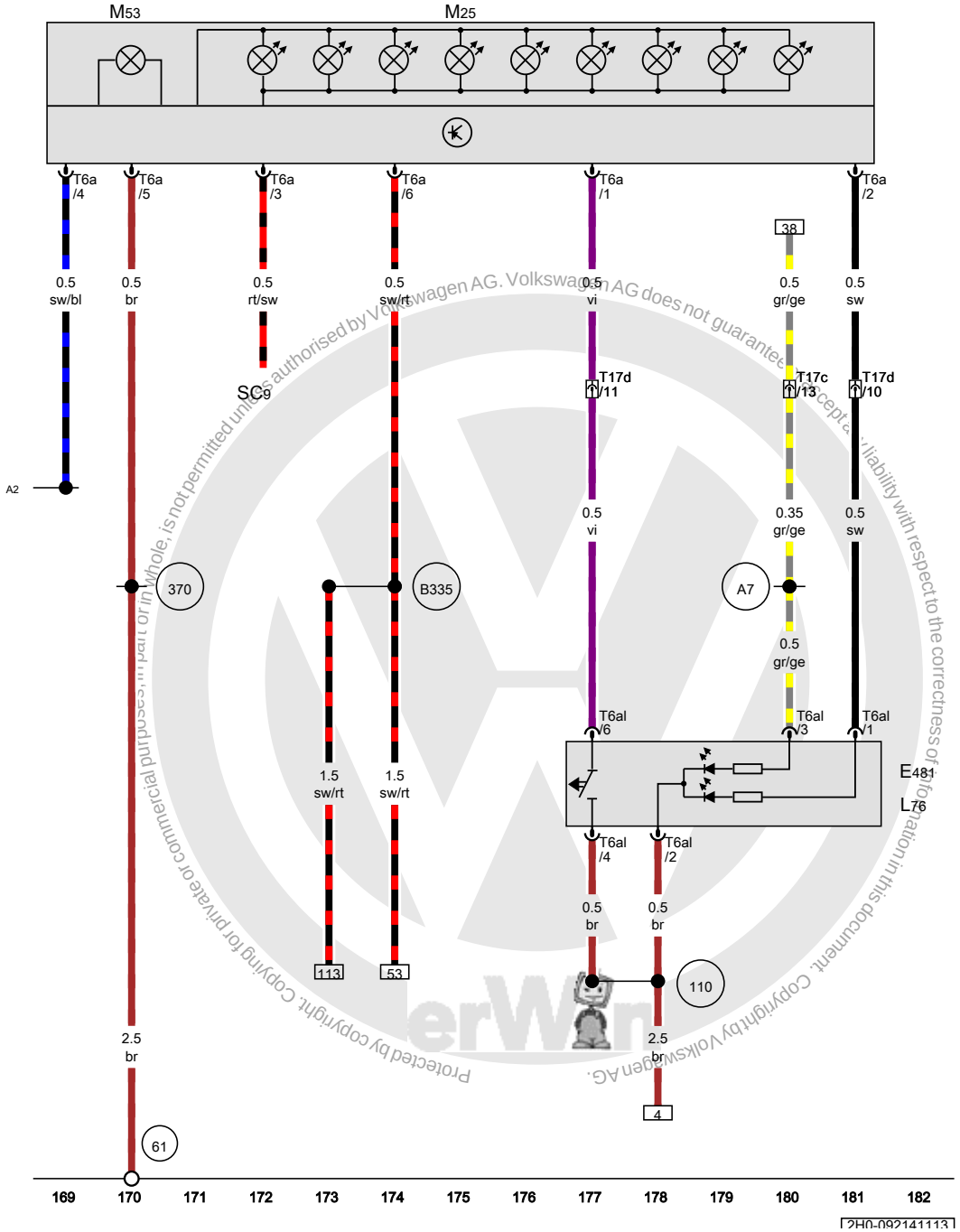

Load area illumination switch, Additional brake light bulb, Load area illumination bulb

E481	Load area illumination switch, near radio
L76	Button illumination bulb
M25	Additional brake light bulb
M53	Load area illumination bulb
SC9	Fuse 9 on fuse holder C
T6a	6-pin connector
T6al	6-pin connector
T17c	17-pin connector, on left under dash panel, white
T17d	17-pin connector, on left under dash panel, green
61	Earth point, left C-pillar
110	Earth connection 2, in dash panel wiring harness
370	Earth connection 5, in main wiring harness
A2	Positive connection (15), in dash panel wiring harness
A7	Positive connection (58 D1), in dash panel wiring harness
B335	Connection 1 (54), in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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li	=	purple
vi	=	purple
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Exterior lighting , (7L3),(7L6),(7L6)

From January 2013

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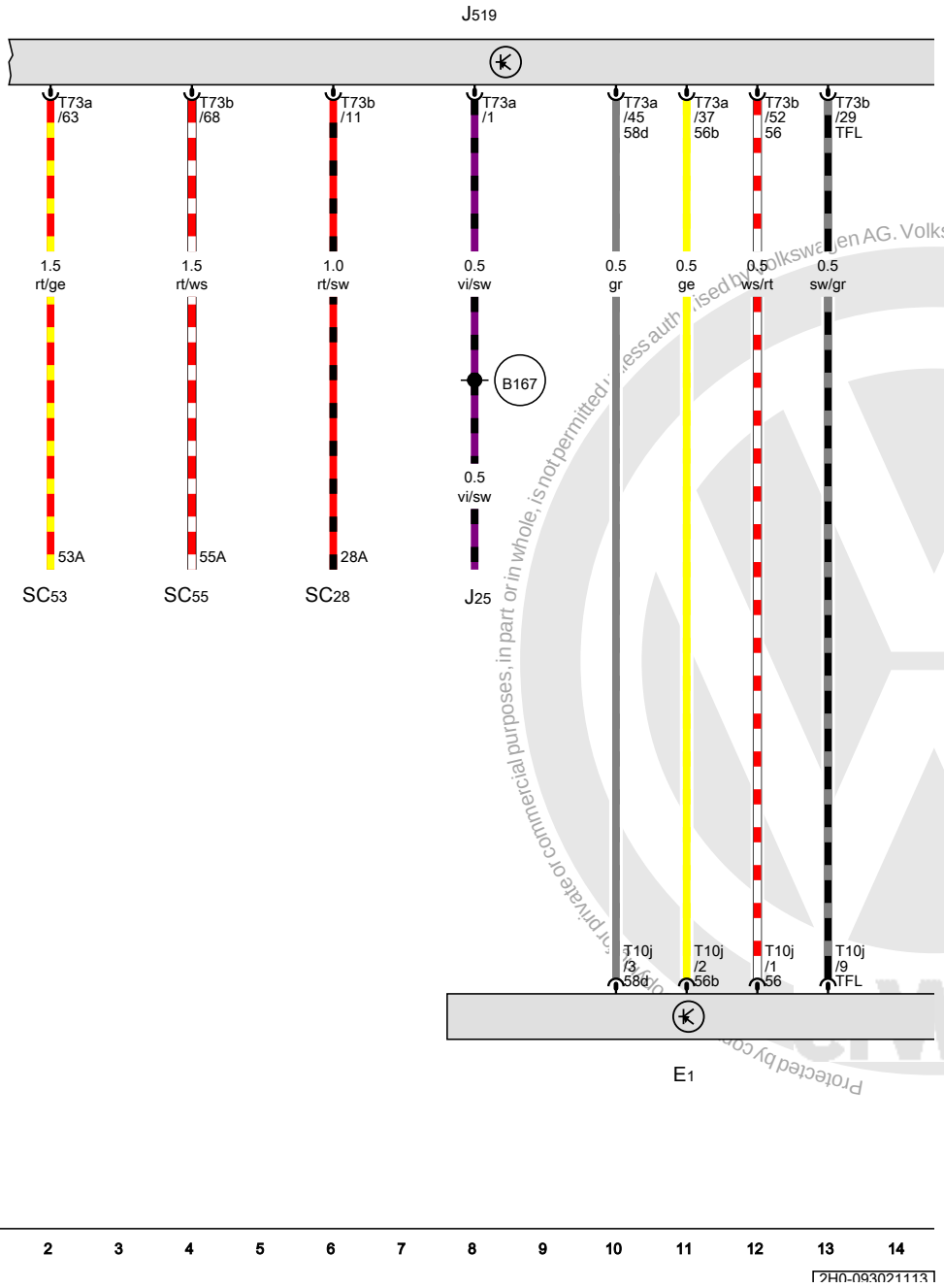

Light switch, Onboard supply control unit

E1	Light switch
J25	Headlight relay
J519	Onboard supply control unit
SC28	Fuse 28 on fuse holder C
SC53	Fuse 53 on fuse holder C
SC55	Fuse 55 on fuse holder C
T10j	10-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, colourless
B167	Connection (56b), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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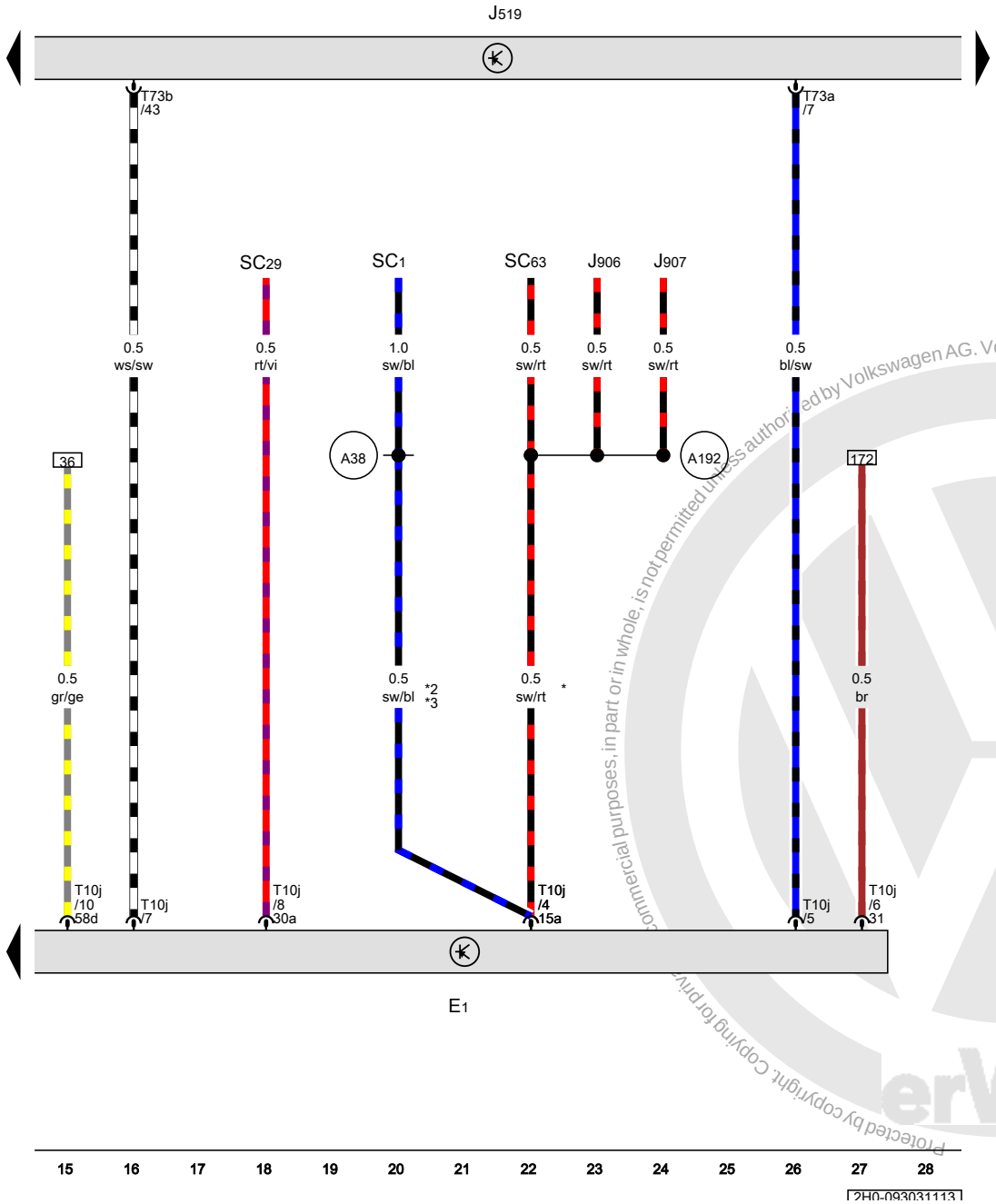

Light switch, Onboard supply control unit

E1	Light switch
J519	Onboard supply control unit
J906	Starter relay 1
J907	Starter relay 2
SC1	Fuse 1 on fuse holder C
SC29	Fuse 29 on fuse holder C
SC63	Fuse 63 on fuse holder C
T10j	10-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, colourless
A38	Positive connection 2 (15a) in dash panel wiring harness
A192	Positive connection 3 (15a) in dash panel wiring harness
*	Only models with start/stop system
*2	Only models with no start/stop system
*3	Only models with automatic driving lights control

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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ge	=	yellow
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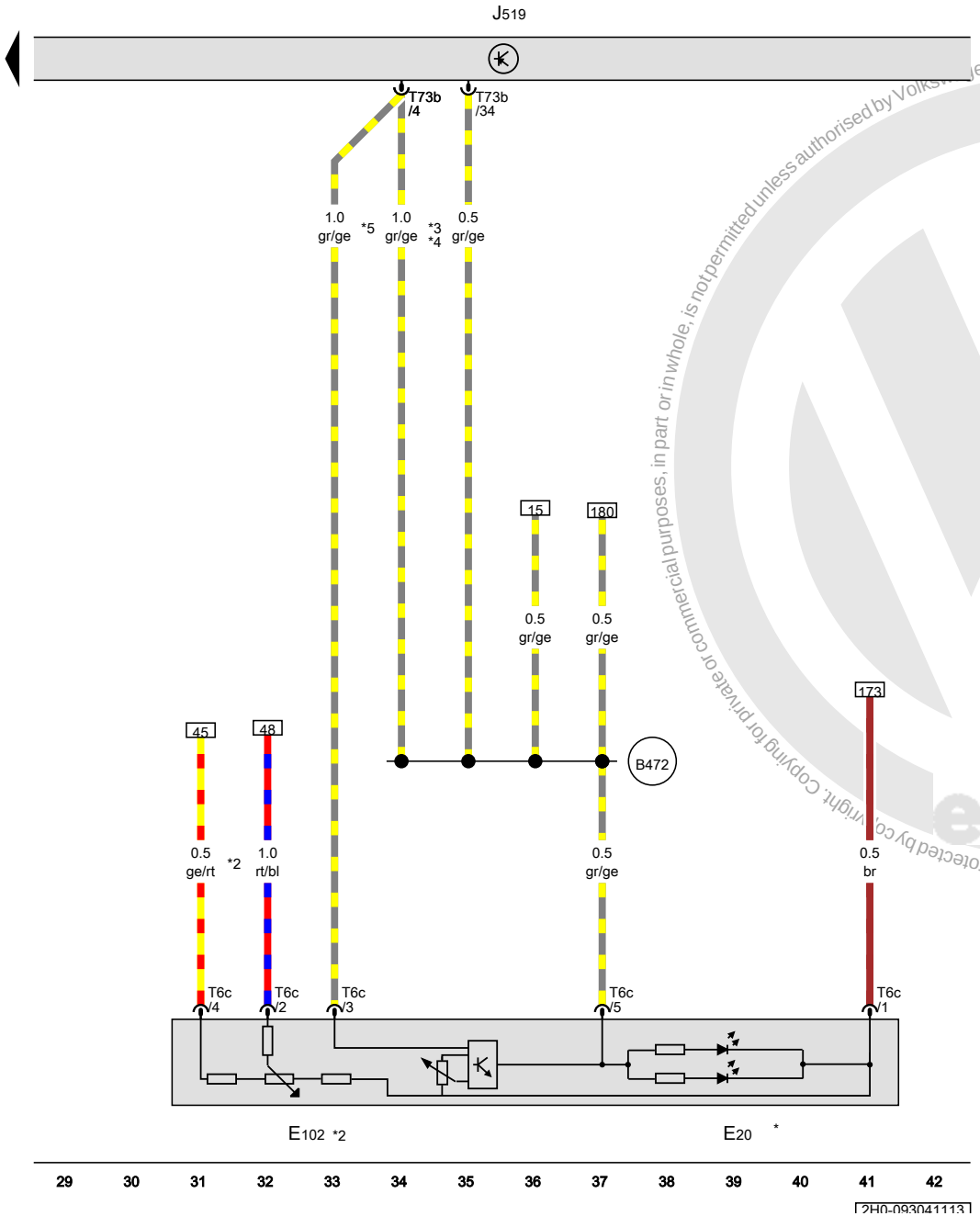

Switch and instrument illumination regulator, Headlight range control regulator, Onboard supply control unit

E20	Switch and instrument illumination regulator
E102	Headlight range control regulator
J519	Onboard supply control unit
T6c	6-pin connector
T73b	73-pin connector, colourless
B472	Connection 8, in main wiring harness
*	Only models with dimmable instrument illumination
*2	Only models with headlight range control
*3	Only models with Trendline equipment
*4	Only models with basic equipment
*5	Only models with Highline equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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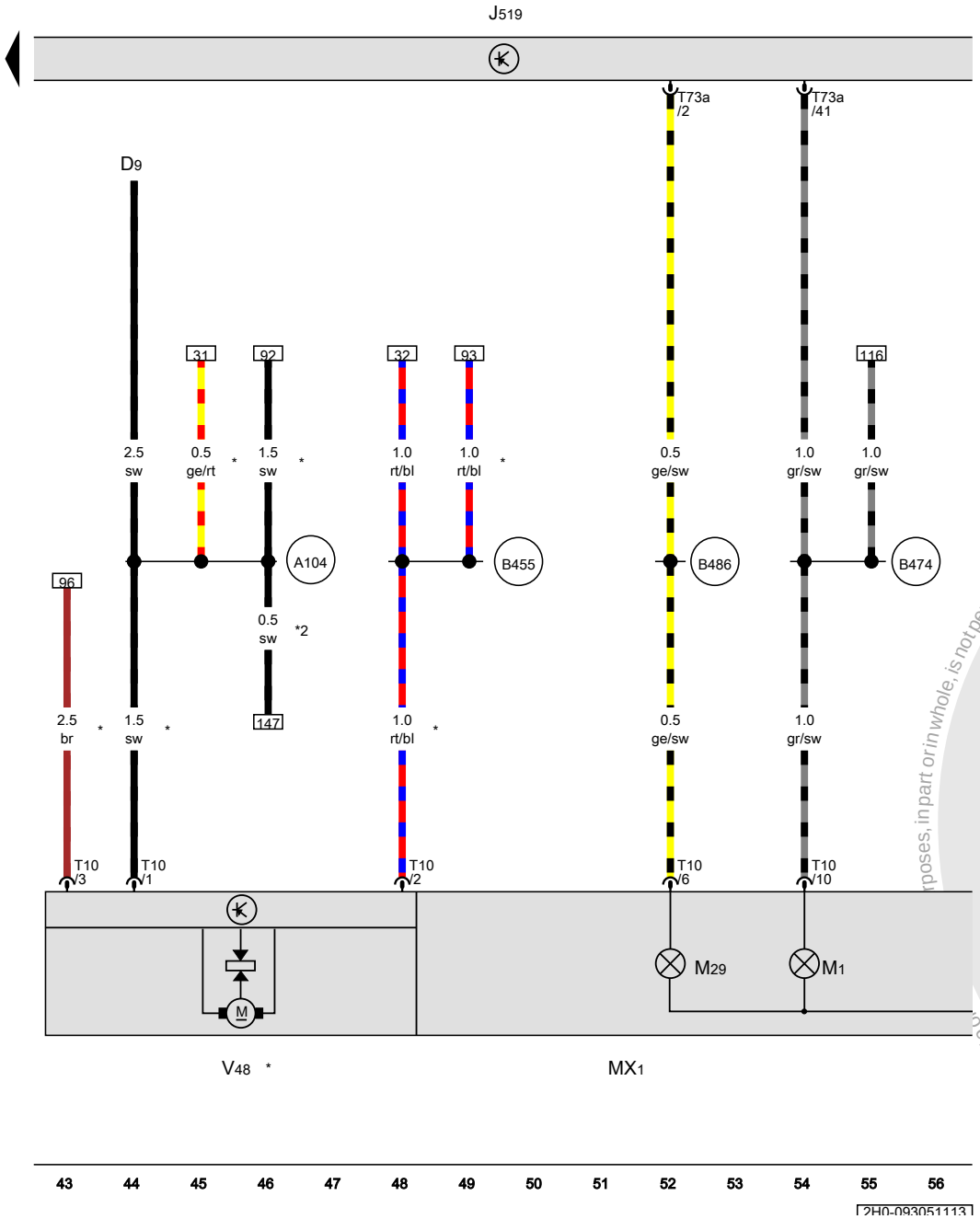

Onboard supply control unit, Front left headlight

D9	Electronic ignition lock
J519	Onboard supply control unit
MX1	Front left headlight
M1	Left side light bulb
M29	Left headlight dipped beam bulb
T10	10-pin connector
T73a	73-pin connector, black
V48	Left headlight range control motor
A104	Positive connection 2 (15), in dash panel wiring harness
B455	Connection (HRC), in main wiring harness
B474	Connection 10, in main wiring harness
B486	Connection 22, in main wiring harness
*	Only models with headlight range control
*2	Only models with rain sensor

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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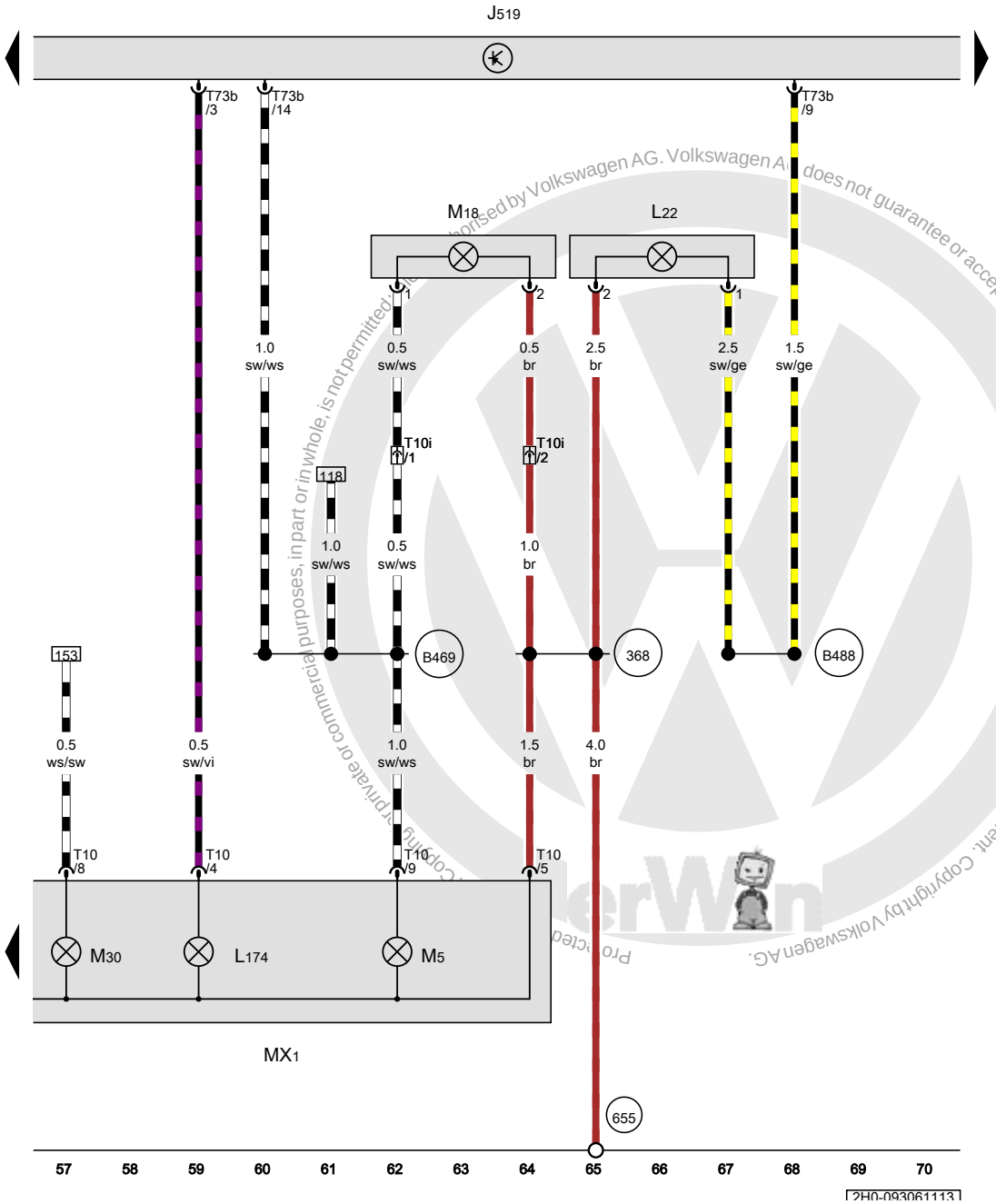

Onboard supply control unit, Left fog light bulb, Front left headlight, Left turn signal repeater bulb

J519	Onboard supply control unit
L22	Left fog light bulb
L174	Left daytime running light bulb
MX1	Front left headlight
M5	Front left turn signal bulb
M18	Left turn signal repeater bulb
M30	Left headlight main beam bulb
T10	10-pin connector, black
T10i	10-pin connector, black
T73b	73-pin connector, colourless
368	Earth connection 3, in main wiring harness
655	Earth point, on left headlight, on left on bulkhead
B469	Connection 5, in main wiring harness
B488	Connection 24, in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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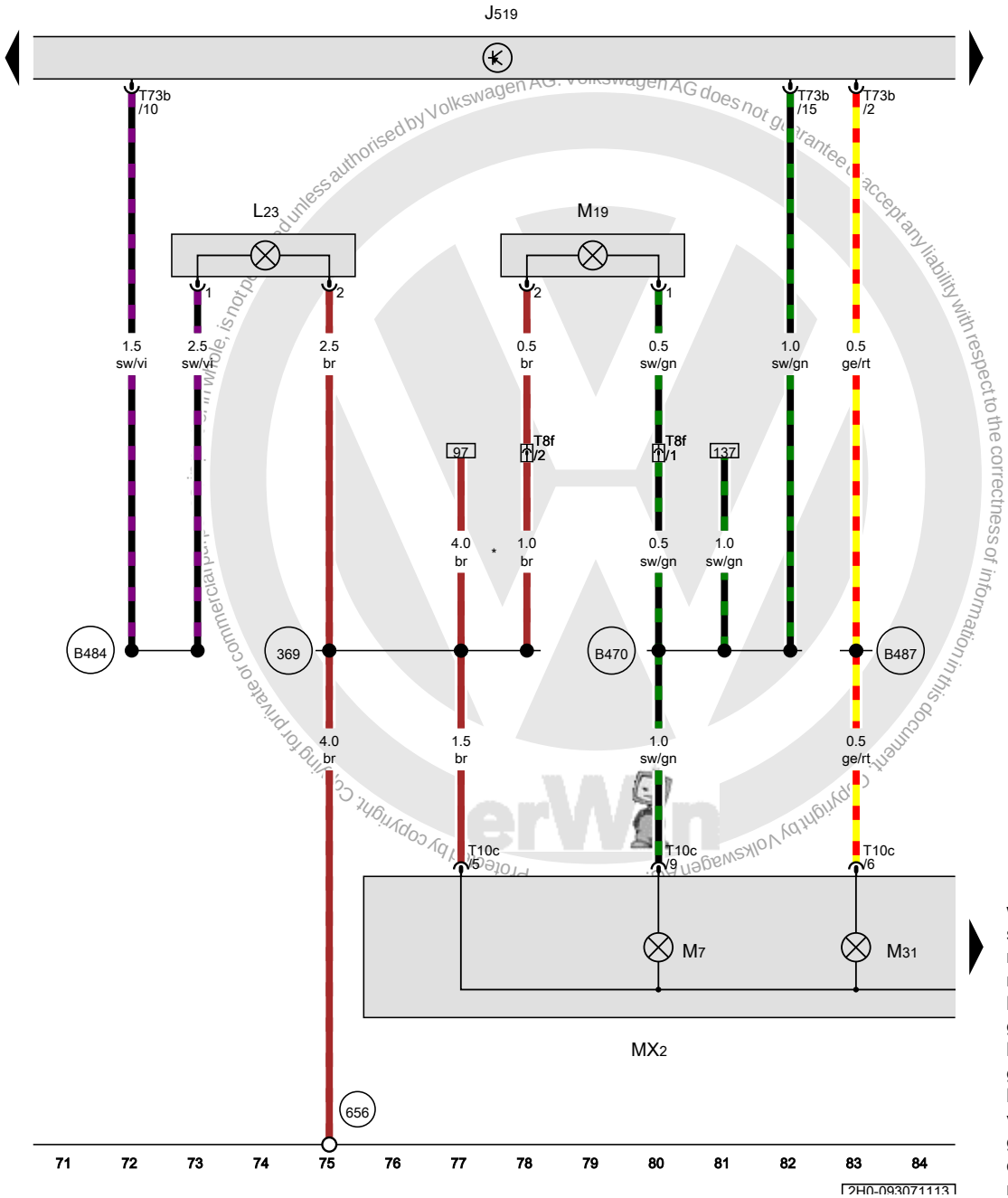

Onboard supply control unit, Right fog light bulb, Front right headlight, Right turn signal repeater bulb

J519	Onboard supply control unit
L23	Right fog light bulb
MX2	Front right headlight
M7	Front right turn signal bulb
M19	Right turn signal repeater bulb
M31	Right headlight dipped beam bulb
T8f	8-pin connector, in rear right of engine compartment, black
T10c	10-pin connector, black
T73b	73-pin connector, colourless
369	Earth connection 4, in main wiring harness
656	Earth point, on right headlight, on right on bulkhead
B470	Connection 6, in main wiring harness
B484	Connection 20, in main wiring harness
B487	Connection 23, in main wiring harness
*	Only models with headlight range control

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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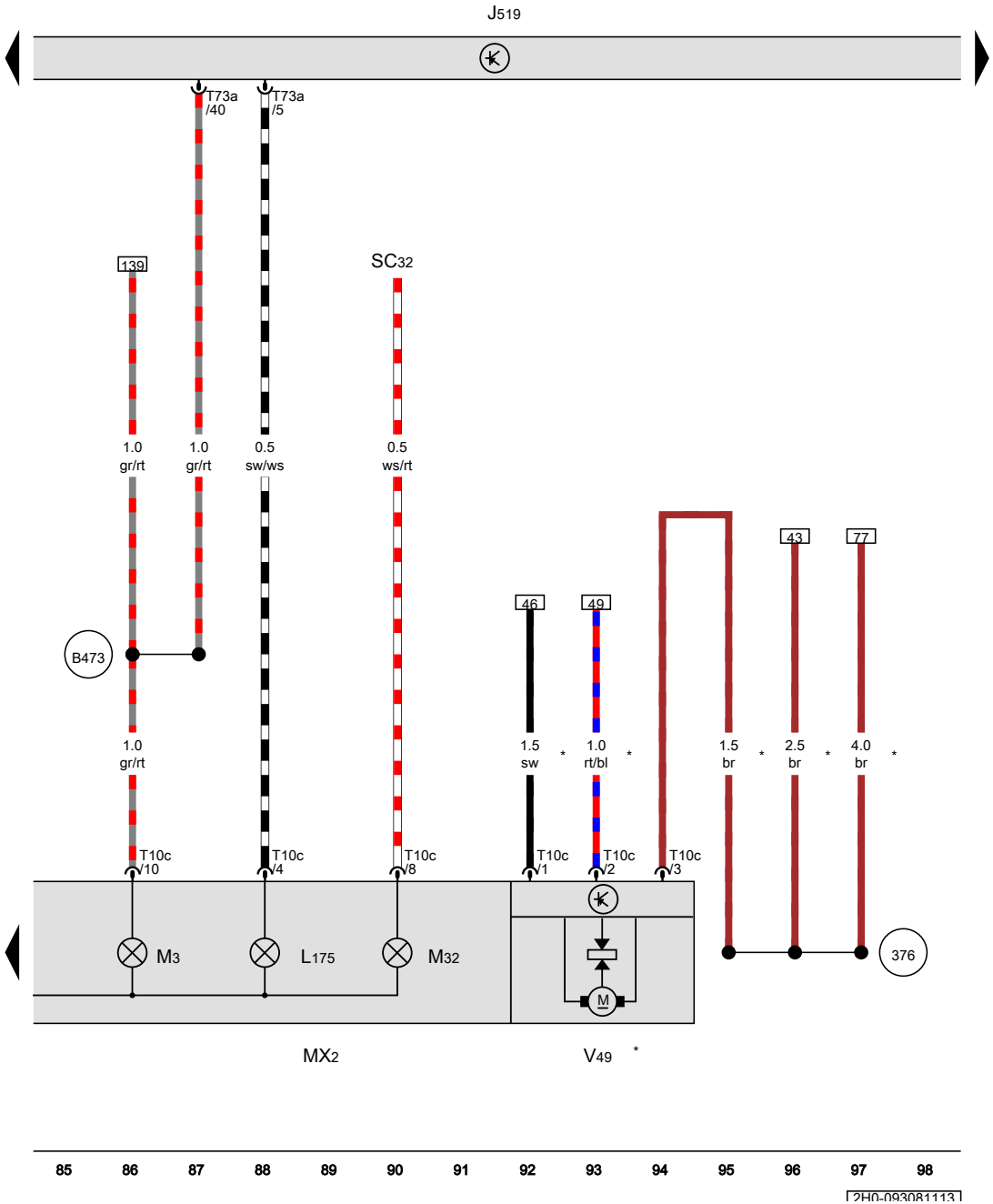

Onboard supply control unit, Front right headlight

J519	Onboard supply control unit
L175	Right daytime running light bulb
MX2	Front right headlight
M3	Right side light bulb
M32	Right headlight main beam bulb
SC32	Fuse 32 on fuse holder C
T10c	10-pin connector, black
T73a	73-pin connector, black
V49	Right headlight range control motor
376	Earth connection 11, in main wiring harness
B473	Connection 9, in main wiring harness
*	Only models with headlight range control

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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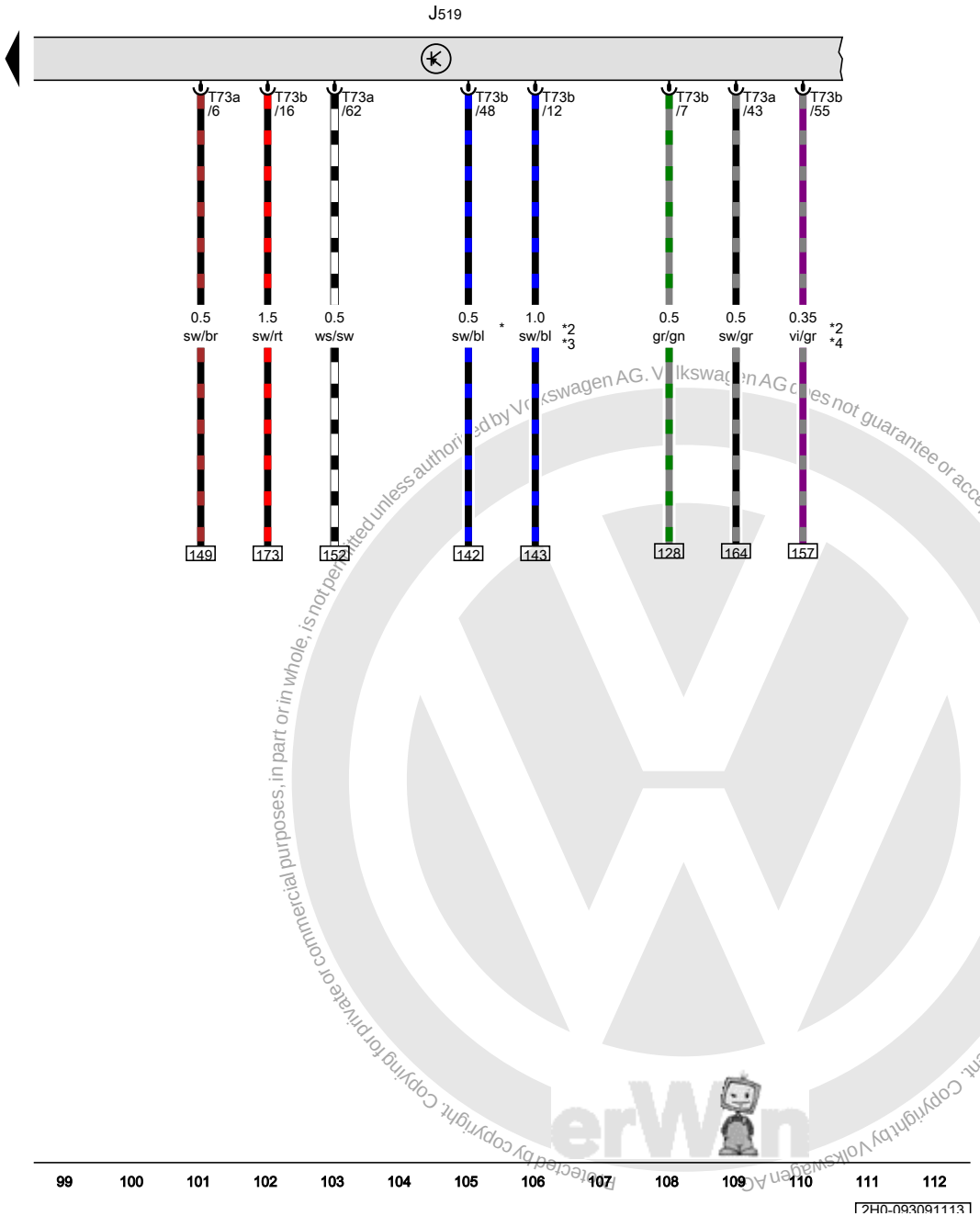

Onboard supply control unit

J519	Onboard supply control unit
T73a	73-pin connector, black
T73b	73-pin connector, colourless
*	Only models with manual gearbox
*2	Only models with automatic gearbox
*3	Only models with automatic driving lights control
*4	Only models with no start/stop system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
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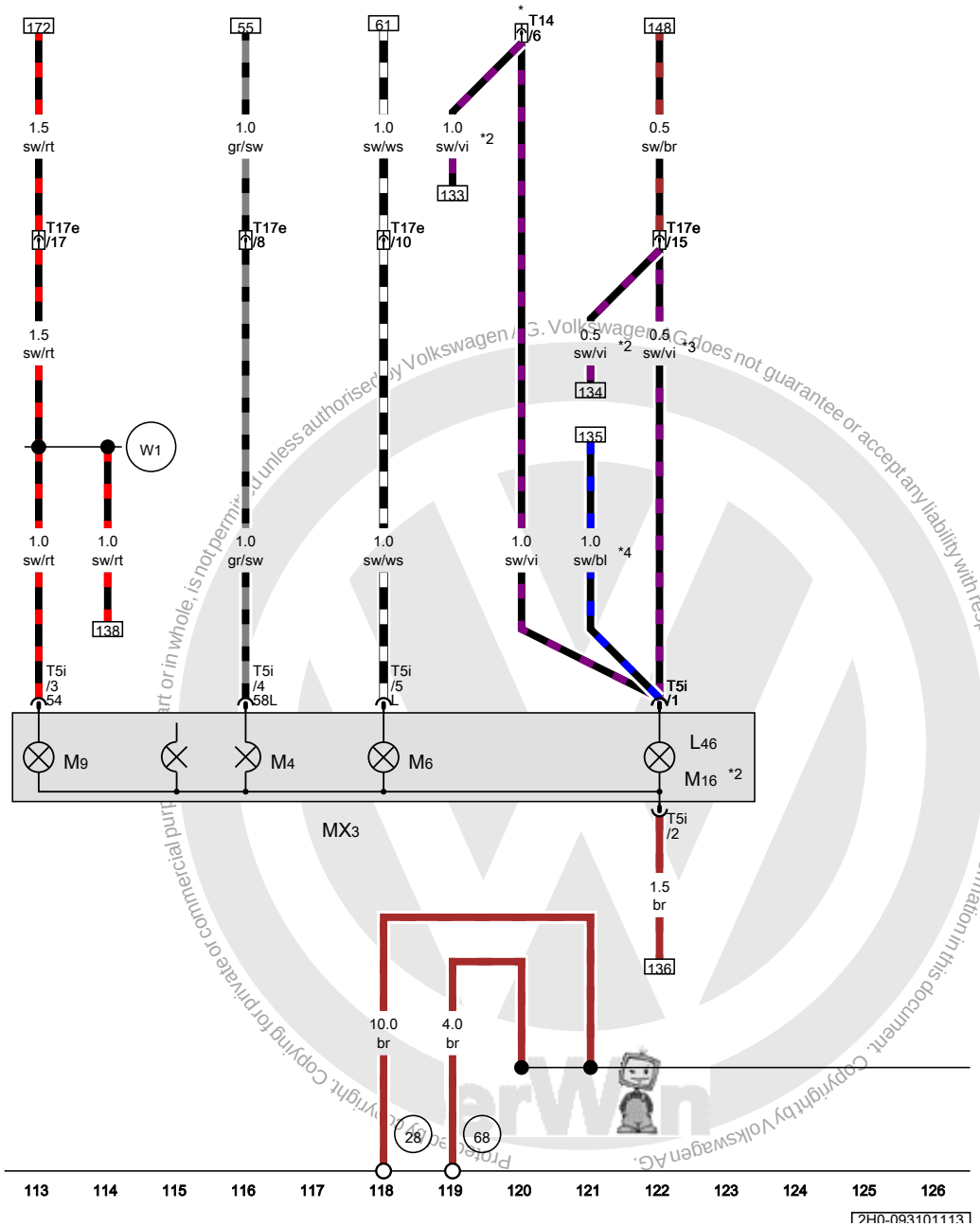

Left tail light

L46	Rear left fog light bulb
MX3	Left tail light
M4	Left tail light bulb
M6	Rear left turn signal bulb
M9	Left brake light bulb
M16	Left reversing light bulb
T5i	5-pin connector, black
T14	14-pin connector, behind rear bumper on left
T17e	17-pin connector, near handbrake lever, red
28	Earth point, on bulkhead
68	Earth point, on left of rear cross member
86	Earth connection 1, in rear wiring harness
W1	Positive connection 1 (54), in rear wiring harness
*	see applicable current flow diagram for preparation for trailer coupling
*2	Only right-hand drive models
*3	Only models with no towing bracket
*4	Only models with no rear fog light

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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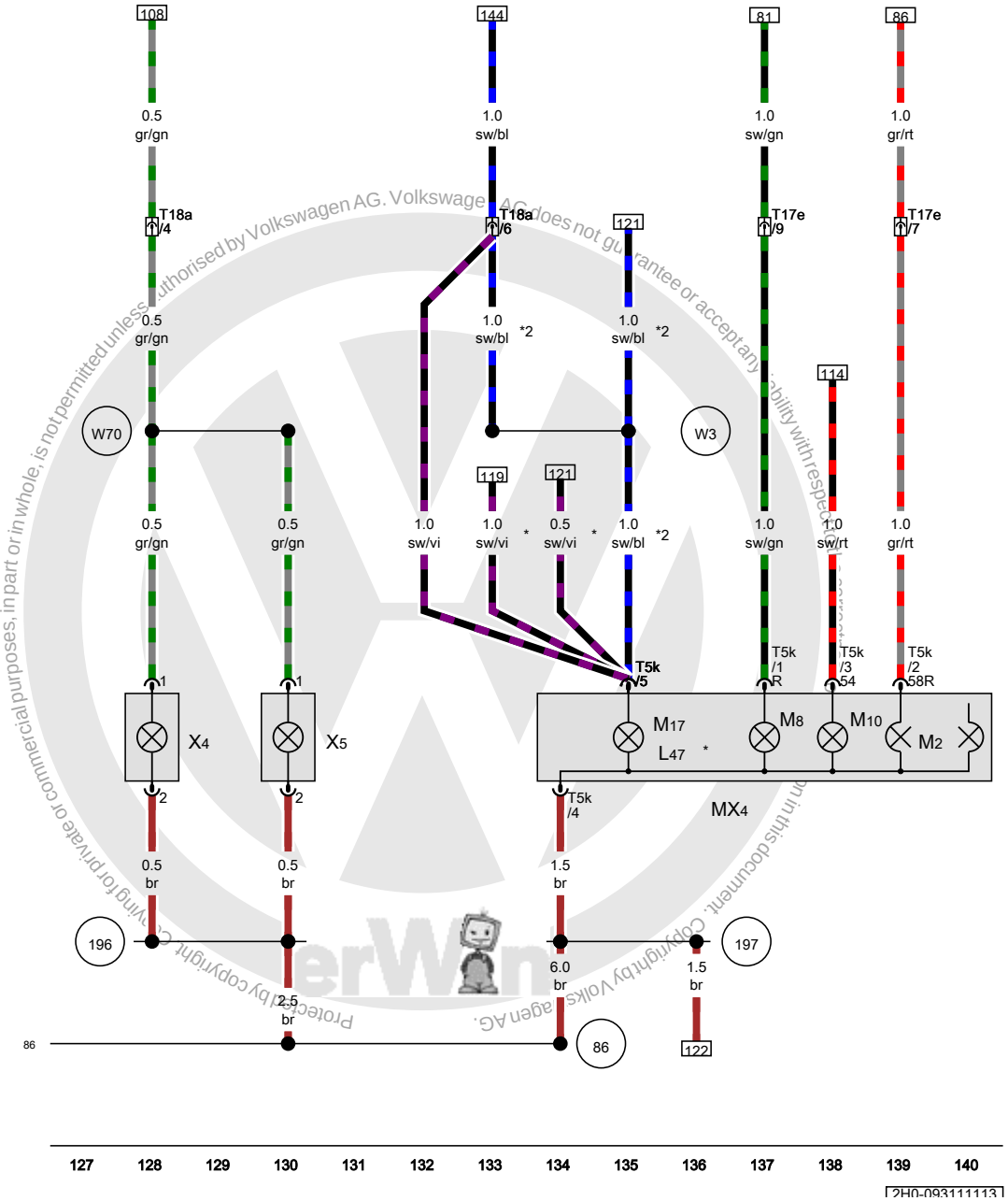

Right tail light, Left number plate light, Right number plate light

L47	Rear right fog light bulb
M2	Right tail light bulb
MX4	Right tail light
M8	Rear right turn signal bulb
M10	Right brake light bulb
M17	Right reversing light bulb
T5k	5-pin connector
T17e	17-pin connector, near handbrake lever, red
T18a	18-pin connector, near engine control unit, grey
X4	Left number plate light
X5	Right number plate light
86	Earth connection 1, in rear wiring harness
196	Earth connection 3, in rear wiring harness
197	Earth connection 4, in rear wiring harness
W3	Connection in rear wiring harness
W70	Positive connection 2 (58), in number plate wiring harness
*	Only right-hand drive models
*2	Only models with no rear fog light

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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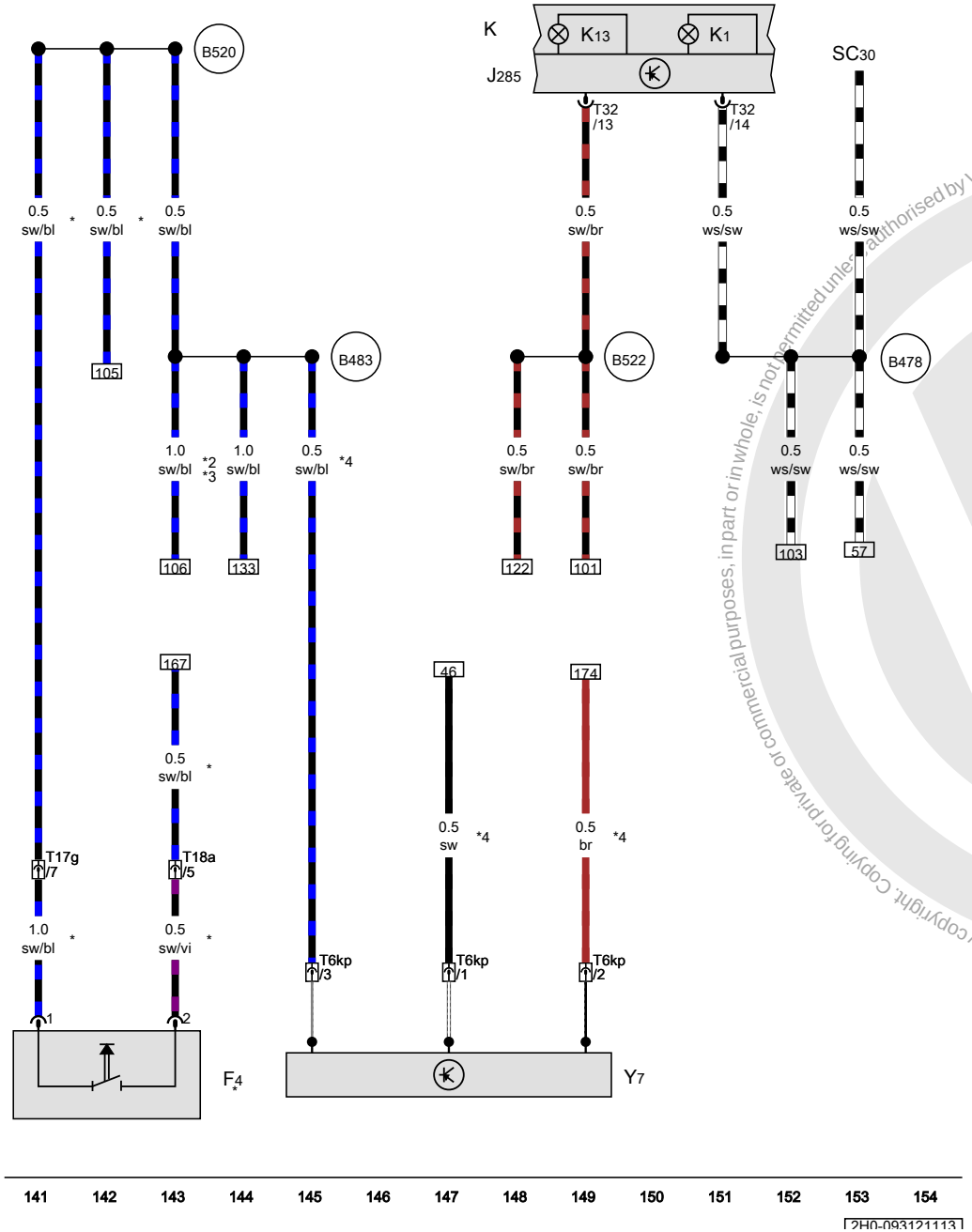

Reversing light switch, Dash panel insert, Automatic anti-dazzle interior mirror

F4	Reversing light switch
J285	Control unit in dash panel insert
K	Dash panel insert
K1	Main beam warning lamp
K13	Rear fog light warning lamp
SC30	Fuse 30 on fuse holder C
T6kp	6-pin connector, on interior mirror, black
T17g	17-pin connector, near handbrake lever, black
T18a	18-pin connector, near engine control unit, grey
T32	32-pin connector, blue
Y7	Automatic anti-dazzle interior mirror
B478	Connection 14, in main wiring harness
B483	Connection 19, in main wiring harness
B520	Connection (RL), in main wiring harness
B522	Connection (FL), in main wiring harness
*	Only models with manual gearbox
*2	Only models with automatic gearbox
*3	Only models with automatic driving lights control
*4	Only models with rain sensor

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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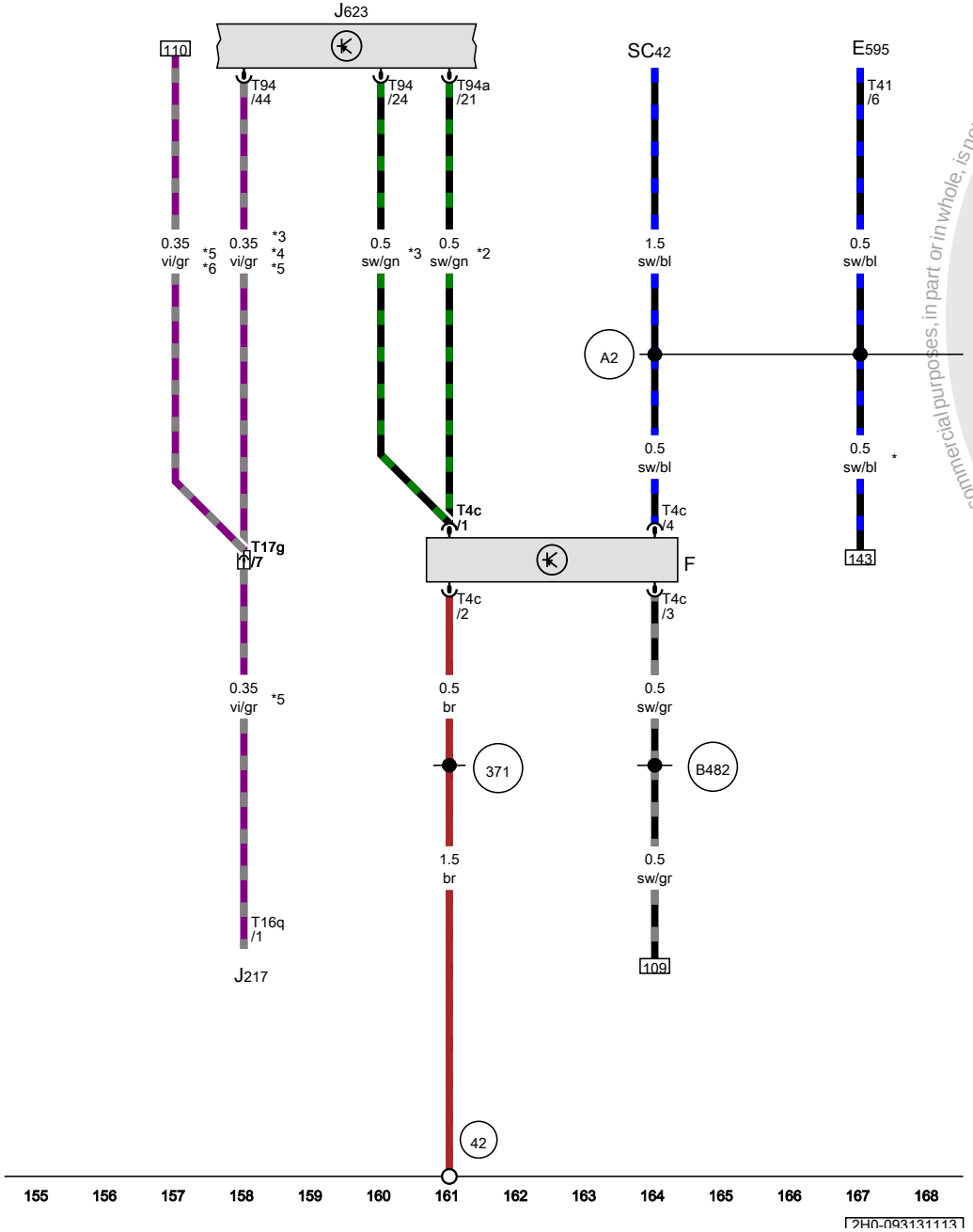

Steering column combination switch, Brake light switch, Fuse 42 on fuse holder C

E595	Steering column combination switch
F	Brake light switch
J217	Automatic gearbox control unit
J623	Engine control unit
SC42	Fuse 42 on fuse holder C
T4c	4-pin connector
T16q	16-pin connector
T17g	17-pin connector, near handbrake lever, black
T41	41-pin connector, grey
T94	94-pin connector, black
T94a	94-pin connector
42	Earth point, next to steering column
371	Earth connection 6, in main wiring harness
A2	Positive connection (15), in dash panel wiring harness
B482	Connection 18, in main wiring harness
*	Only models with manual gearbox
*2	Only models with diesel engine
*3	Only models with petrol engine
*4	Only models with start/stop system
*5	Only models with automatic gearbox
*6	Only models with no start/stop system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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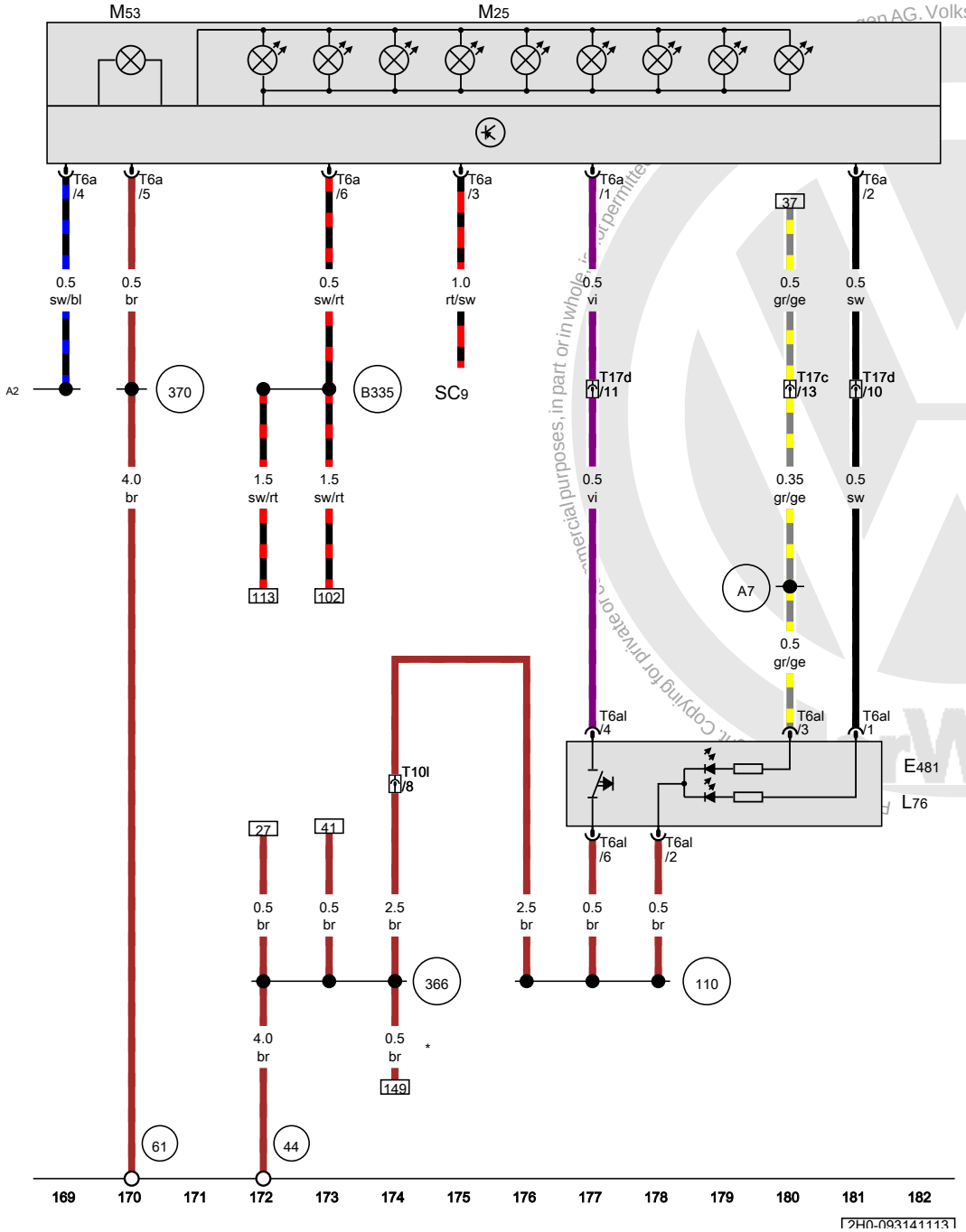

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Load area illumination switch, Additional brake light bulb, Load area illumination bulb

E481	Load area illumination switch, near radio
L76	Button illumination bulb
M25	Additional brake light bulb
M53	Load area illumination bulb
SC9	Fuse 9 on fuse holder C
T6a	6-pin connector, black
T6al	6-pin connector, blue
T10l	10-pin connector, on relay carrier, blue
T17c	17-pin connector, on relay carrier, white
T17d	17-pin connector, on left under dash panel, green
44	Earth point, lower part of left A-pillar
61	Earth point, left C-pillar
110	Earth connection 2, in dash panel wiring harness
366	Earth connection 1, in main wiring harness
370	Earth connection 5, in main wiring harness
A2	Positive connection (15), in dash panel wiring harness
A7	Positive connection (58 D1), in dash panel wiring harness
B335	Connection 1 (54), in main wiring harness
*	Only models with rain sensor

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2.0l diesel engine , CNEA,CSHA,CNFA,CNFB,(7L6)

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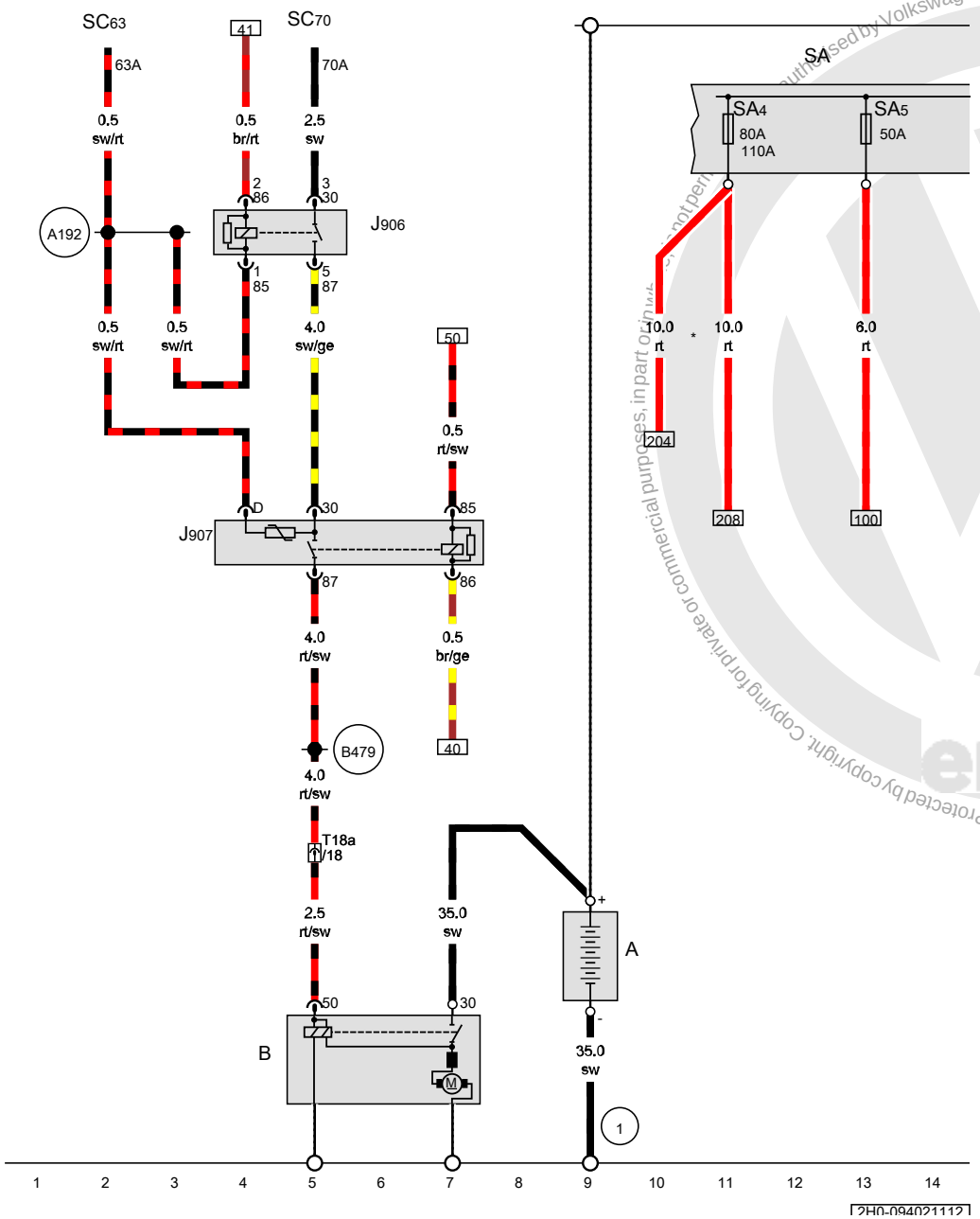
Battery, Starter, Starter relay 1, Starter relay 2, Fuse holder A, Fuse 5 in fuse holder A



A	Battery
B	Starter
J906	Starter relay 1
J907	Starter relay 2
SA	Fuse holder A
SA4	Fuse 4 in fuse holder A
SA5	Fuse 5 in fuse holder A
SC63	Fuse 63 on fuse holder C
SC70	Fuse 70 on fuse holder C
T18a	18-pin connector, near engine control unit, grey
1	Earth strap, battery - body
A192	Positive connection 3 (15a) in dash panel wiring harness
B479	Connection 15, in main wiring harness
*	Hot country version

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
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li	=	purple
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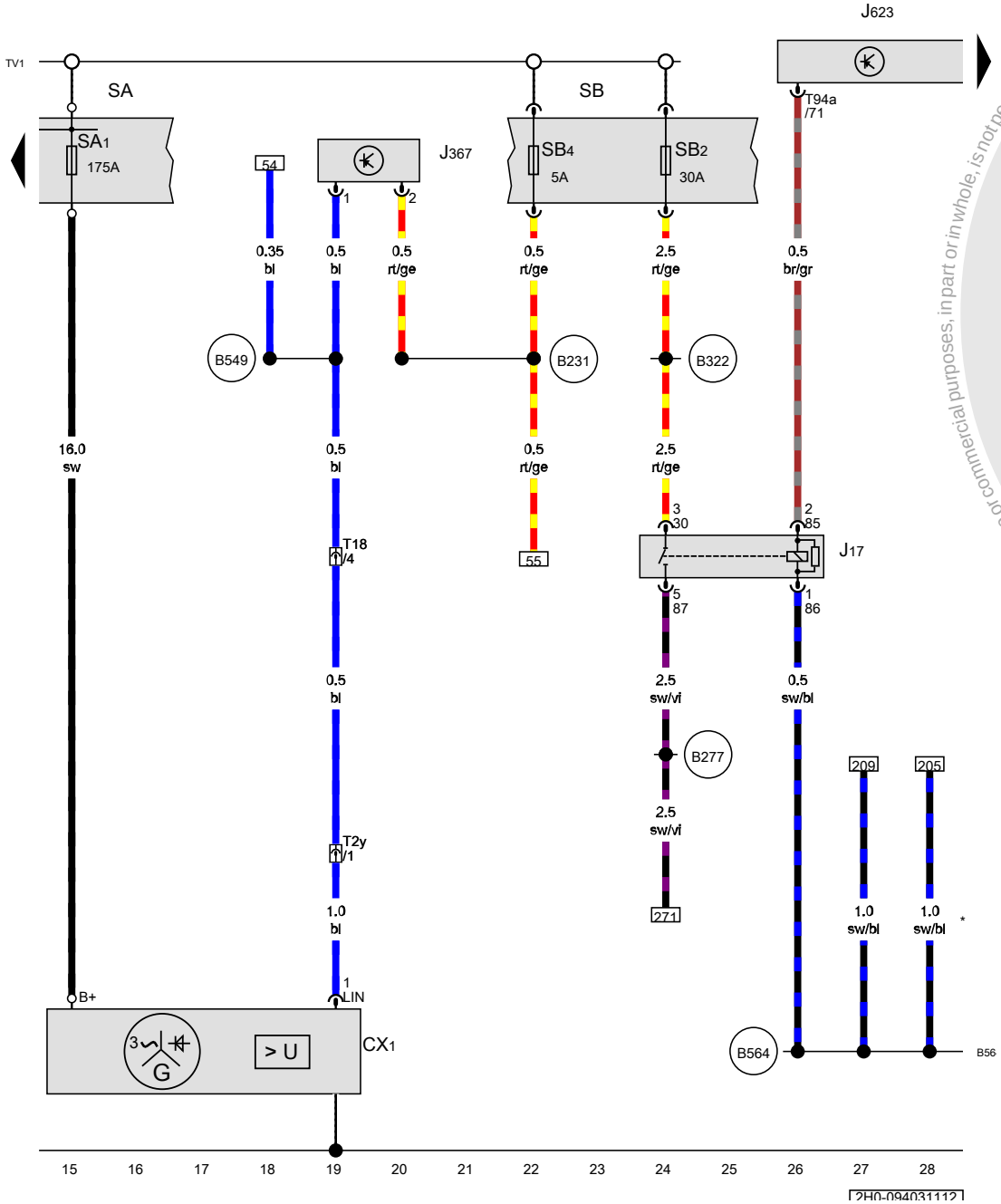

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gn = green
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gr = grey
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Alternator with voltage regulator, Fuel pump relay, Battery monitor control unit, Engine control unit, Fuse holder A, Fuse holder B

CX1	Alternator with voltage regulator
J17	Fuel pump relay
J367	Battery monitor control unit
J623	Engine control unit
SA	Fuse holder A
SA1	Fuse 1 in fuse holder A
SB	Fuse holder B
SB2	Fuse 2 on fuse holder B
SB4	Fuse 4 on fuse holder B
T2y	2-pin connector, front left in engine compartment, black
T18	18-pin connector, near engine control unit, black
T94a	94-pin connector, black
B231	Positive connection 5 (30a), in interior wiring harness
B277	Positive connection 1 (15a) in main wiring harness
B322	Positive connection 8 (30a) in main wiring harness
B549	Connection 2 (LIN bus) in main wiring harness
B564	Connection 31, in main wiring harness
*	Hot country version

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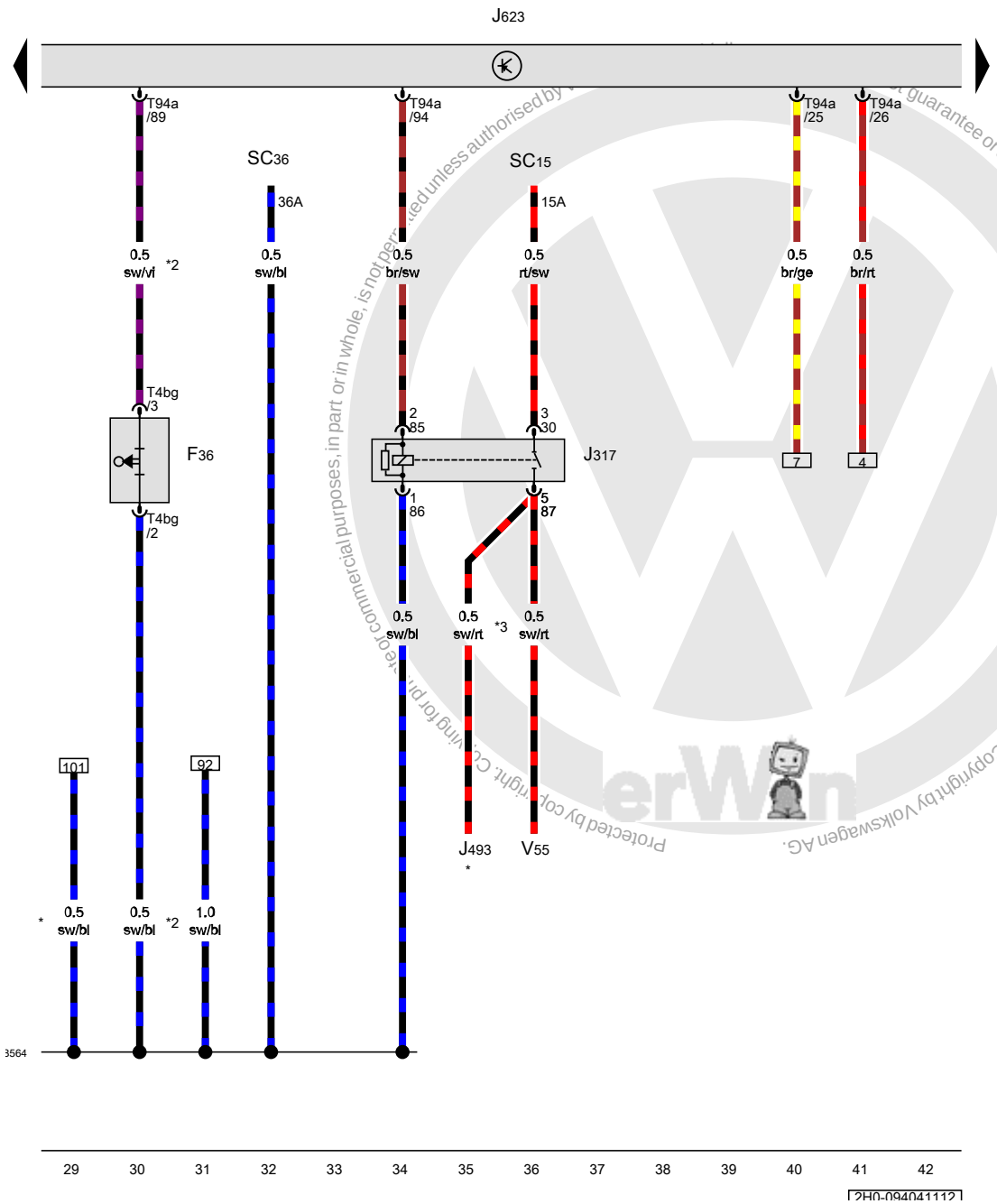

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Terminal 30 voltage supply relay, Auxiliary coolant heater relay, Engine control unit, Fuse 15 on fuse holder C, Fuse 36 on fuse holder C

F36	Clutch pedal switch
J317	Terminal 30 voltage supply relay, on relay carrier
J493	Auxiliary coolant heater relay
J623	Engine control unit
SC15	Fuse 15 on fuse holder C
SC36	Fuse 36 on fuse holder C
T4bg	4-pin connector
T94a	94-pin connector, black
V55	Circulation pump
B564	Connection 31, in main wiring harness
*	see applicable current flow diagram for air conditioning
*2	Only models with manual gearbox
*3	Only models with Climatronic

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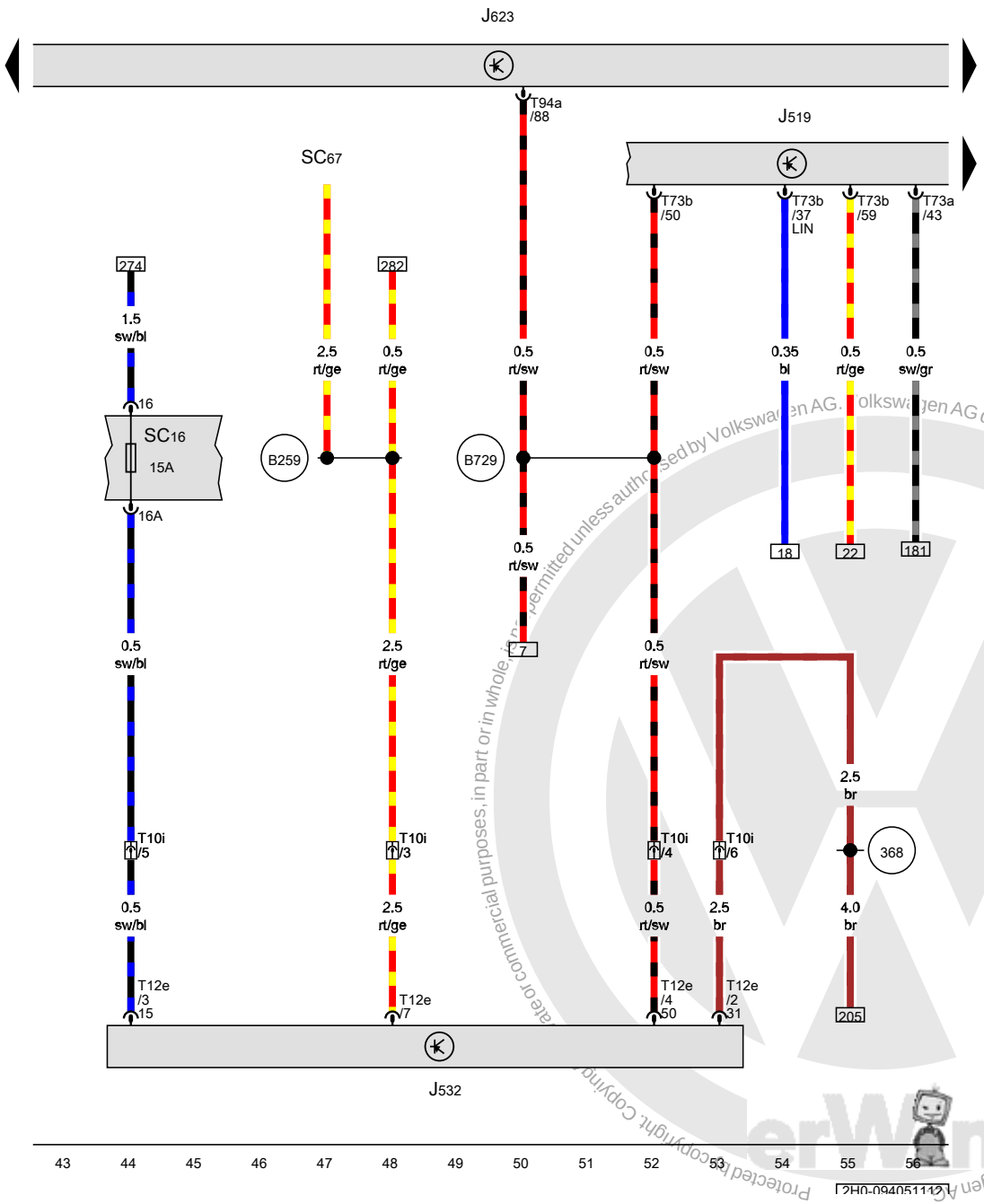

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Onboard supply control unit, Voltage stabiliser, Engine control unit, Fuse 16 on fuse holder C

J519	Onboard supply control unit
J532	Voltage stabiliser, in front left wing
J623	Engine control unit
SC16	Fuse 16 on fuse holder C
SC67	Fuse 67 on fuse holder C
T10i	10-pin connector, on left wheel housing, black
T12e	12-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, colourless
T94a	94-pin connector, black
368	Earth connection 3, in main wiring harness
B259	Connection (start/stop signal), in interior wiring harness
B729	Connection 1 (50), in main wiring harness

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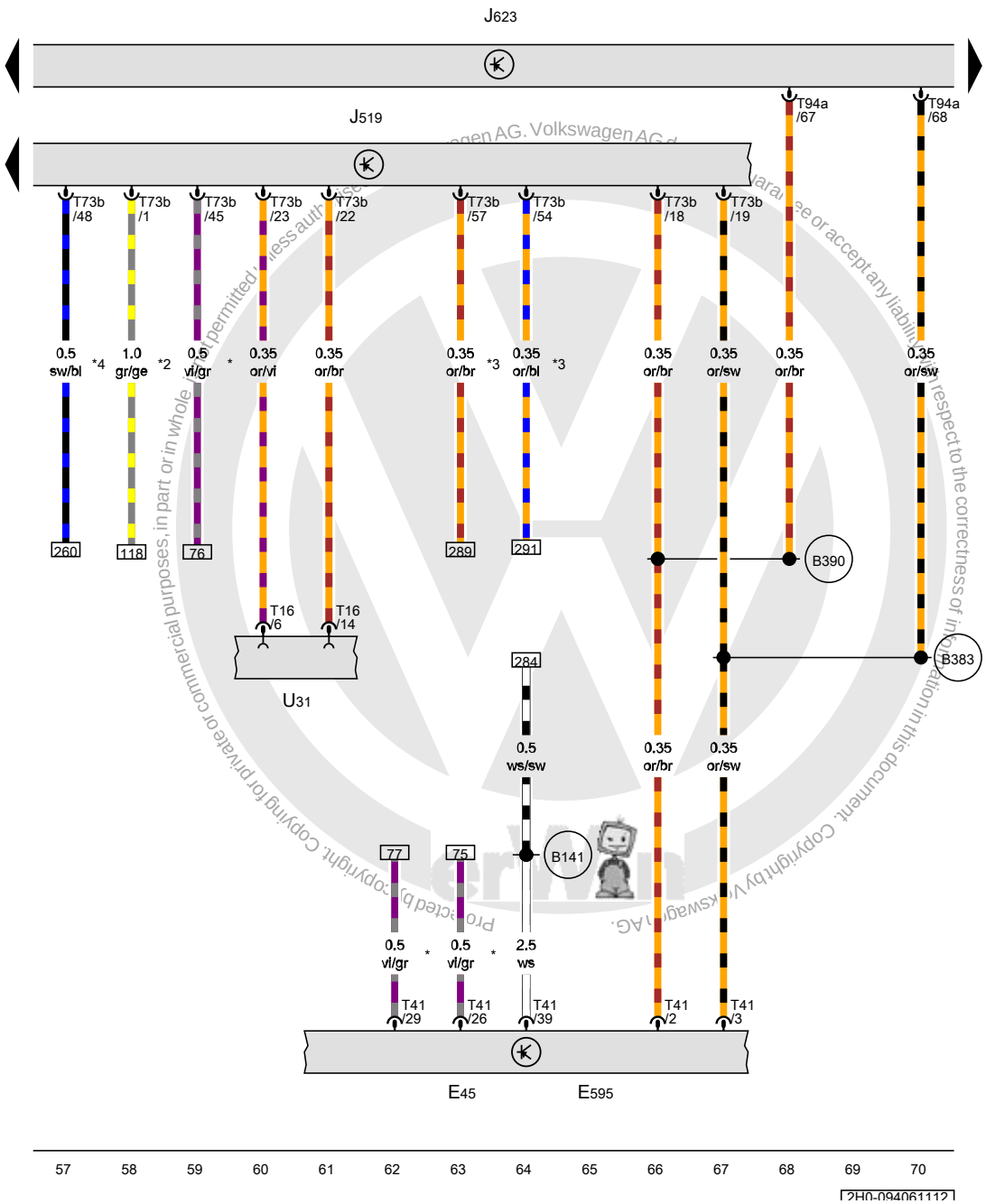

Cruise control system switch, Steering column combination switch, Onboard supply control unit, Engine control unit

E45	Cruise control system switch
E595	Steering column combination switch
J519	Onboard supply control unit
J623	Engine control unit
T16	16-pin connector, black
T41	41-pin connector, grey
T73b	73-pin connector, colourless
T94a	94-pin connector, black
U31	Diagnostic connection
B141	Positive connection 1 (56a), in interior wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	Only models with cruise control system (CCS)
*2	Only models with no headlight range control, see respective Current Flow Diagram headlight
*3	Only models with automatic driving lights control
*4	Only models with manual gearbox

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rs	=	pink

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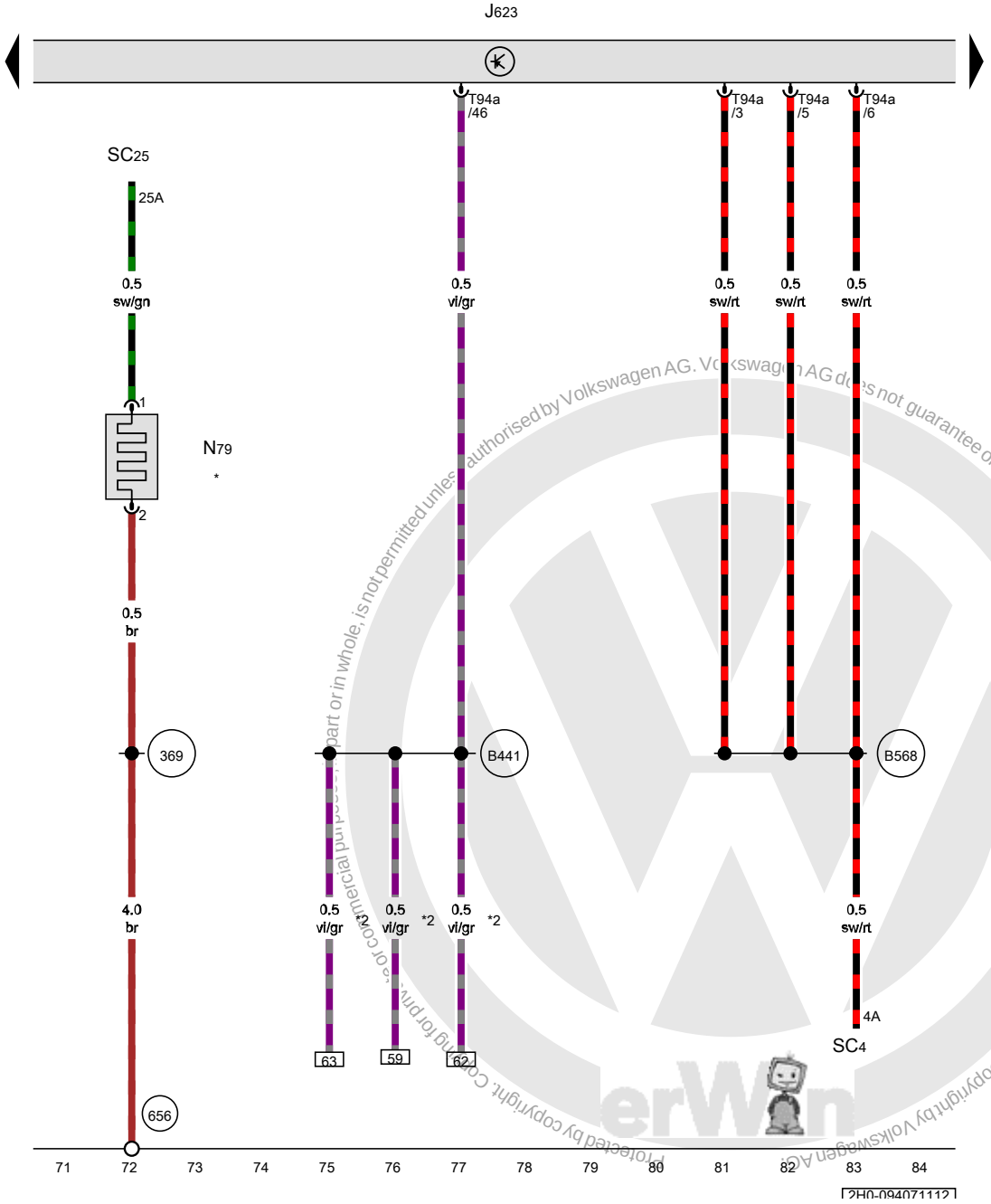

Engine control unit, Heater element for crankcase breather, Fuse 4 on fuse holder C, Fuse 25 on fuse holder C

J623	Engine control unit
N79	Heater element for crankcase breather
SC4	Fuse 4 on fuse holder C
SC25	Fuse 25 on fuse holder C
T94a	94-pin connector, black
369	Earth connection 4, in main wiring harness
656	Earth point, on right headlight
B441	Connection (CCS), in main wiring harness
B568	Connection 35, in main wiring harness
*	Only models with crankcase breather heater element
*2	Only models with cruise control system (CCS)

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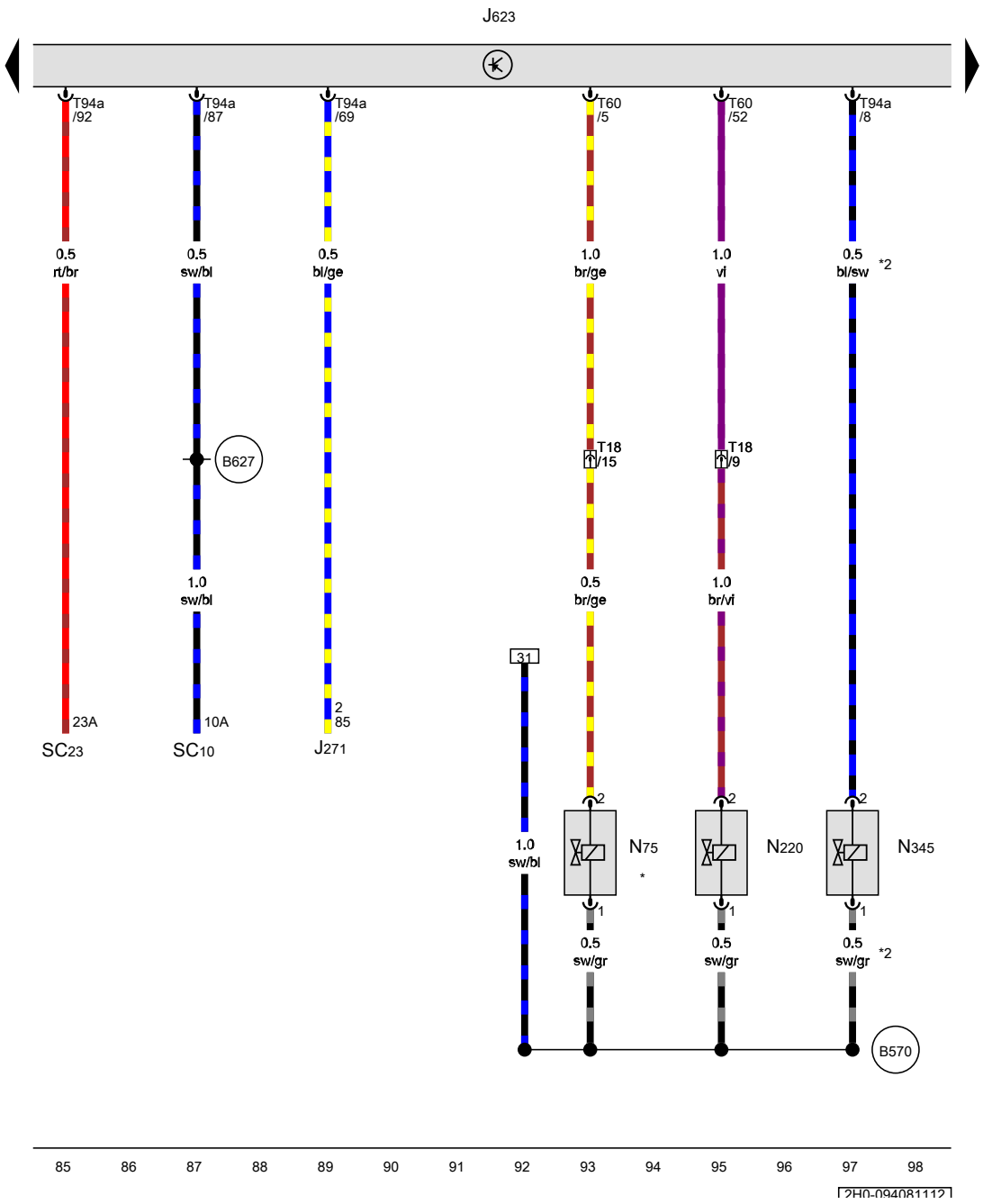

Main relay, Engine control unit, Charge pressure control solenoid valve, Exhaust flap valve, Exhaust gas recirculation cooler changeover valve, Fuse 10 on fuse holder C, Fuse 23 on fuse holder C

J271	Main relay, on relay carrier
J623	Engine control unit
N75	Charge pressure control solenoid valve
N220	Exhaust flap valve
N345	Exhaust gas recirculation cooler changeover valve
SC10	Fuse 10 on fuse holder C
SC23	Fuse 23 on fuse holder C
T18	18-pin connector, near engine control unit, black
T60	60-pin connector, black
T94a	94-pin connector, black
B570	Connection 37, in main wiring harness
B627	Positive connection 3 (15), in main wiring harness
*	According to equipment
*2	Only models with Euro 5 emission standard

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sw	=	black
ro	=	red
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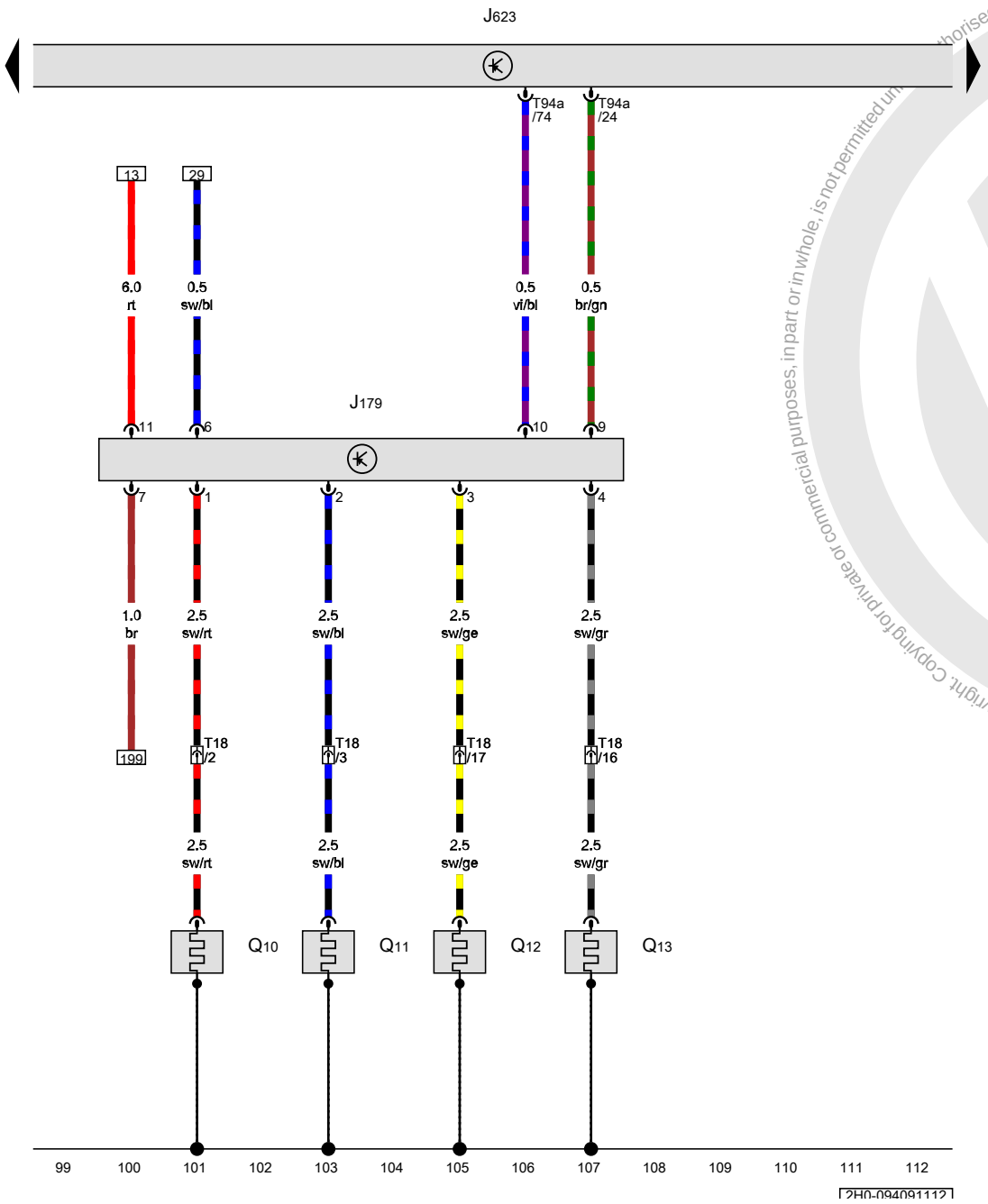

Automatic glow period control unit, Engine control unit, Glow plug 1, Glow plug 2, Glow plug 3, Glow plug 4

J179	Automatic glow period control unit
J623	Engine control unit
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
T18	18-pin connector, near engine control unit, black
T94a	94-pin connector, black

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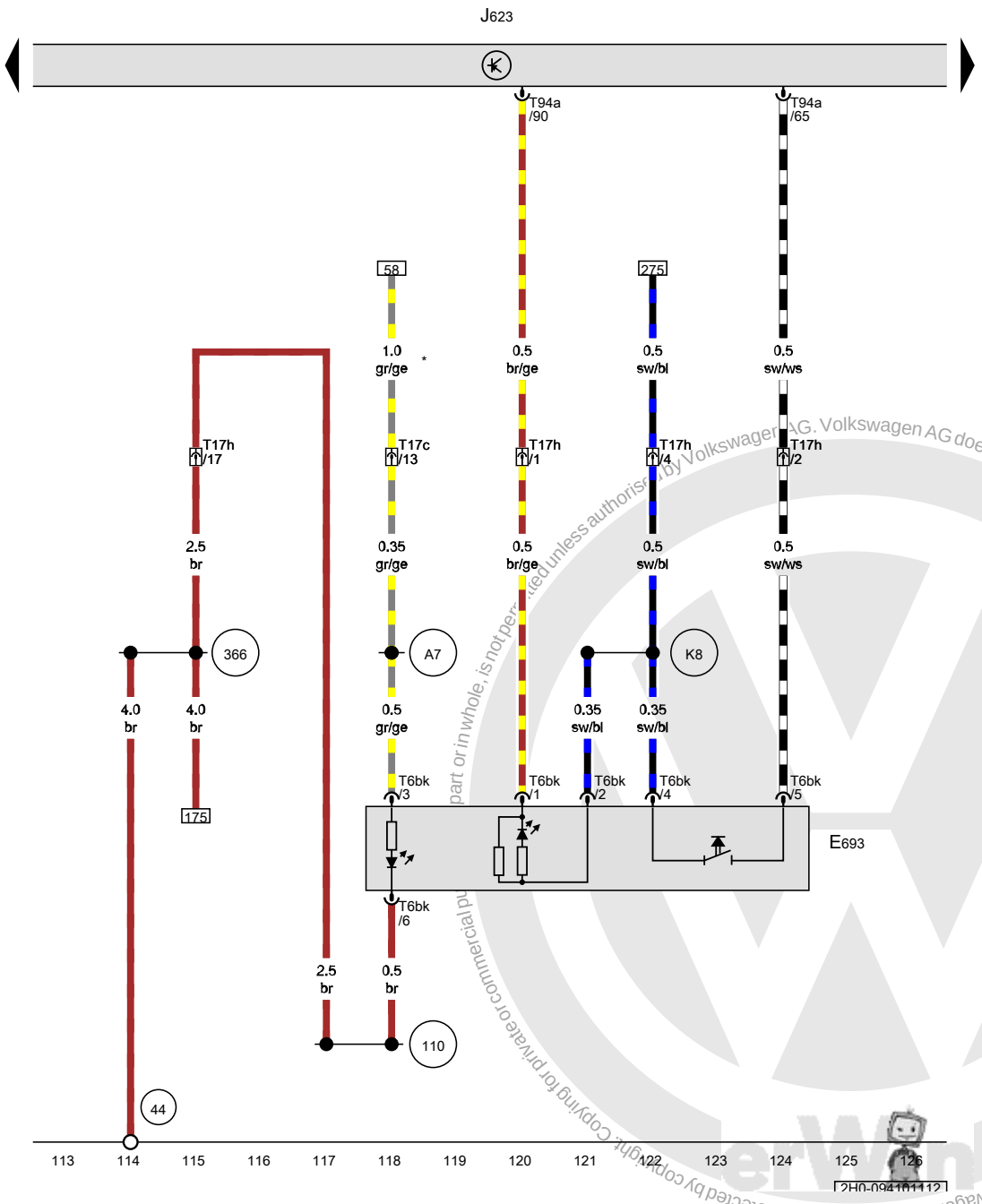

Start/Stop operation button, Engine control unit

E693	Start/Stop operation button
J623	Engine control unit
T6bk	6-pin connector, black
T17c	17-pin connector, on relay carrier, white
T17h	17-pin connector, on left under dash panel, blue
T94a	94-pin connector, black
44	Earth point, lower part of left A-pillar
110	Earth connection 2, in dash panel wiring harness
366	Earth connection 1, in main wiring harness
A7	Positive connection (58 D1), in dash panel wiring harness
K8	Connection 1, in centre console wiring harness
*	Only models with no headlight range control, see respective Current Flow Diagram headlight

ws	=	white
sw	=	black
ro	=	red
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bl	=	blue
gr	=	grey
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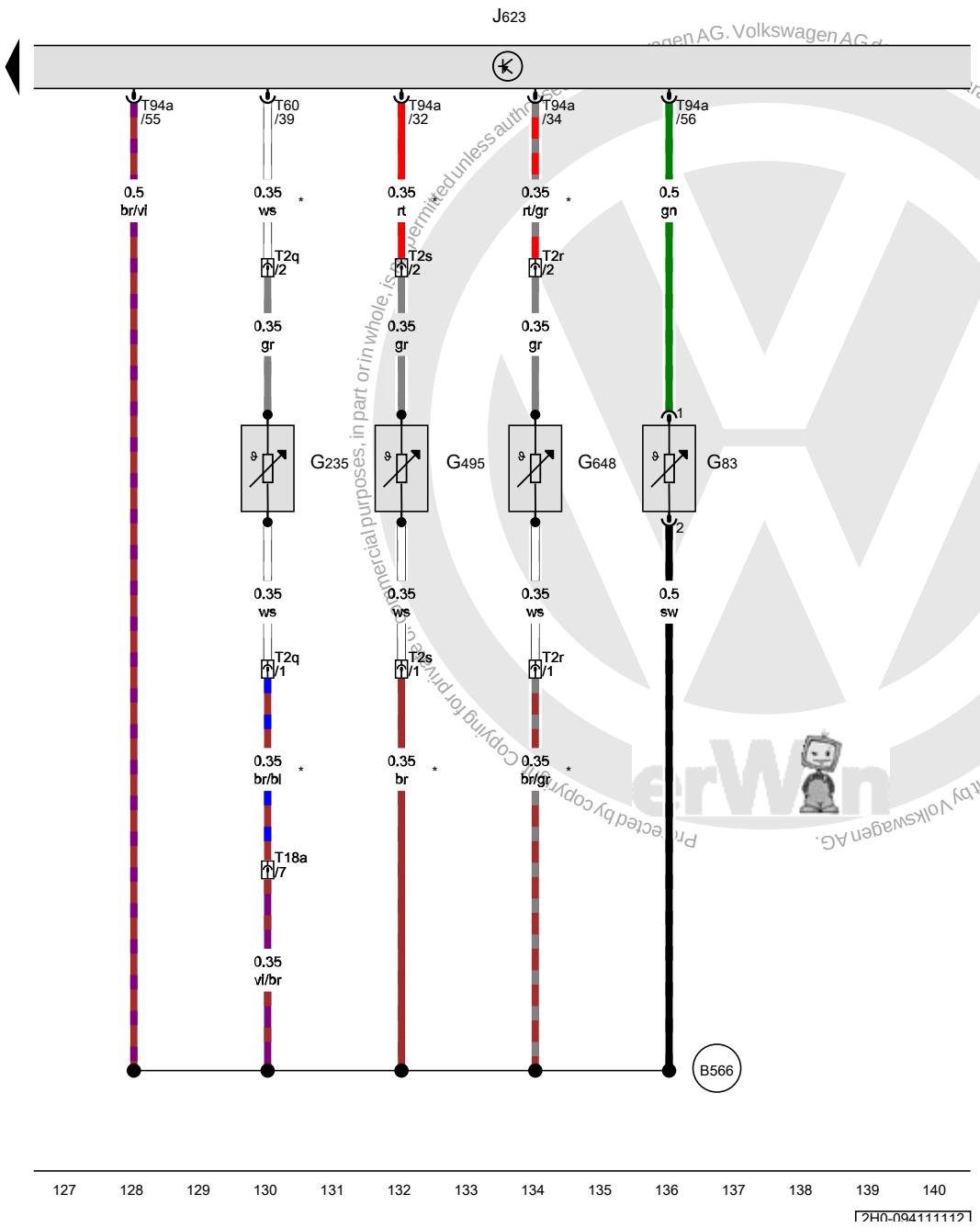

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Radiator outlet coolant temperature sender, Exhaust gas temperature sender 1, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Engine control unit

G83	Radiator outlet coolant temperature sender
G235	Exhaust gas temperature sender 1
G495	Exhaust gas temperature sender 3
G648	Exhaust gas temperature sender 4
J623	Engine control unit
T2q	2-pin connector, in front right wheel housing, black
T2r	2-pin connector, in front right wheel housing, orange
T2s	2-pin connector, in front right wheel housing, brown
T18a	18-pin connector, near engine control unit, black
T60	60-pin connector, black
T94a	94-pin connector, black
B566	Connection 33, in main wiring harness
*	Only models with Euro 5 emission standard

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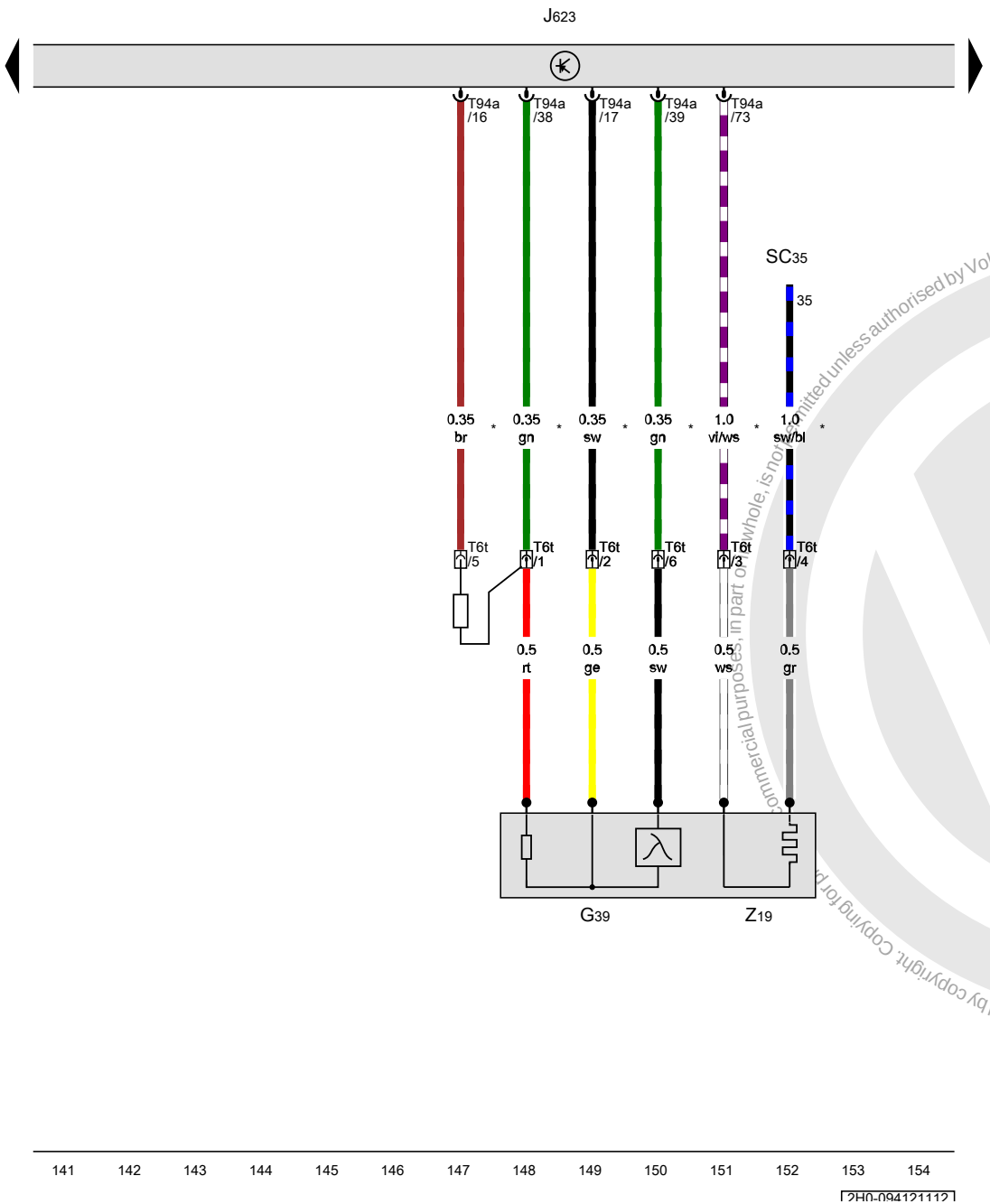
Lambda probe, Engine control unit, Fuse 35 on fuse holder C

G39	Lambda probe
J623	Engine control unit
SC35	Fuse 35 on fuse holder C
T6t	6-pin connector, front right in engine compartment, black
T94a	94-pin connector, black
Z19	Lambda probe heater
*	Only models with Euro 5 emission standard



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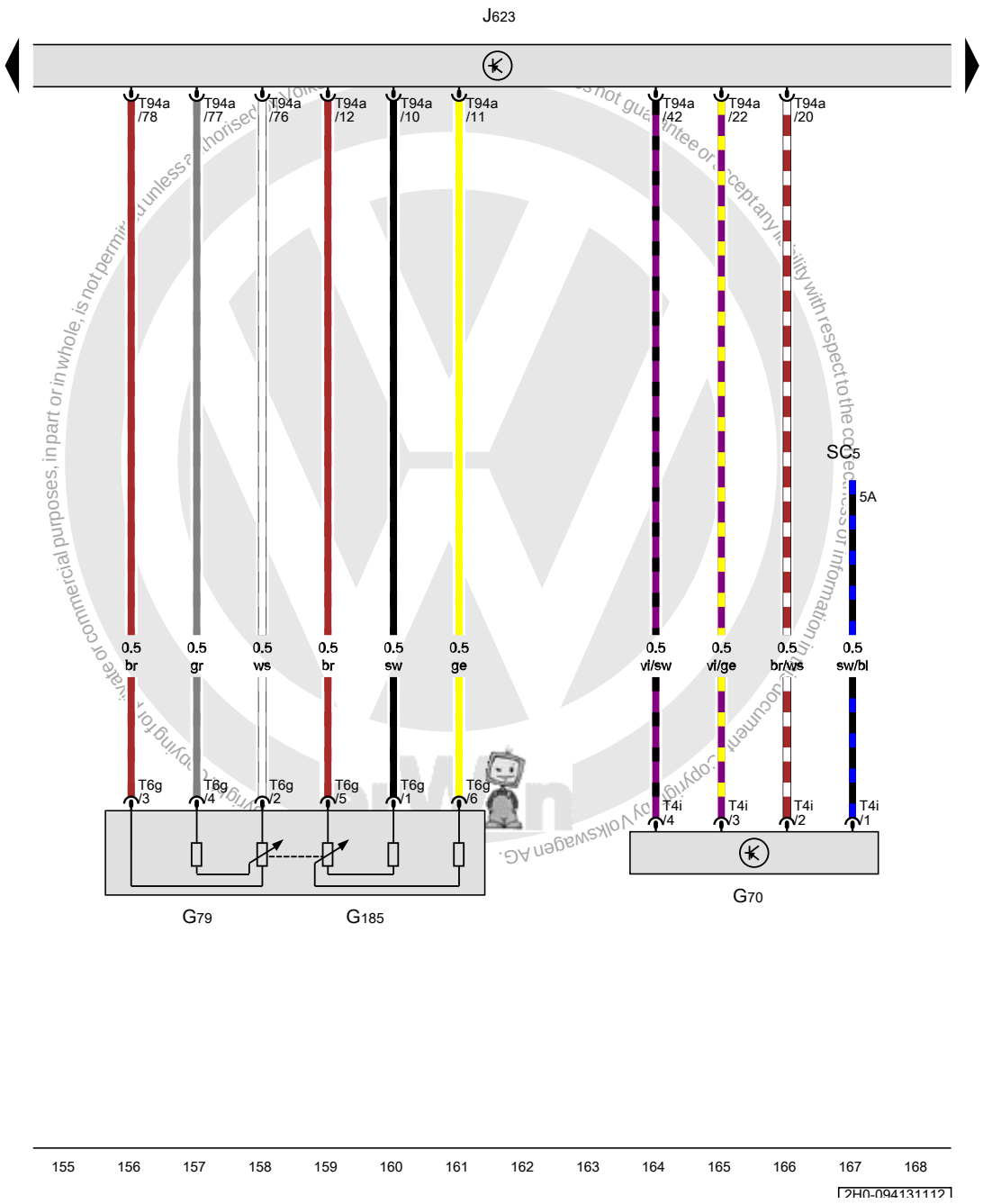

Air mass meter, Accelerator position sender, Accelerator position sender 2, Engine control unit, Fuse 5 on fuse holder C

G70	Air mass meter
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
SC5	Fuse 5 on fuse holder C
T4i	4-pin connector, black
T6g	6-pin connector
T94a	94-pin connector, black

ws	=	white
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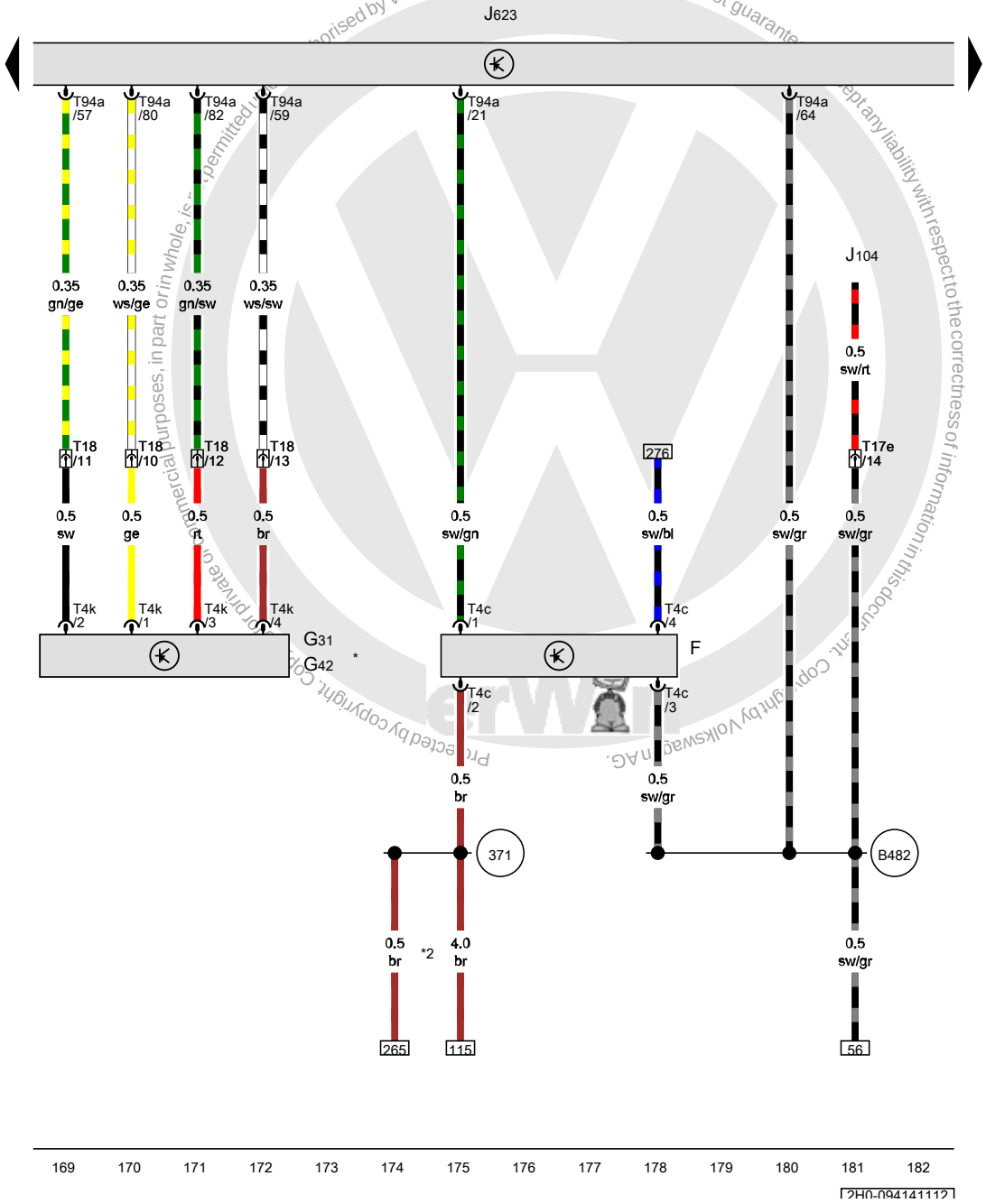

Brake light switch, Charge pressure sender, Intake air temperature sender, Engine control unit

F	Brake light switch
G31	Charge pressure sender
G42	Intake air temperature sender
J104	ABS control unit
J623	Engine control unit
T4c	4-pin connector, black
T4k	4-pin connector, black
T17e	17-pin connector, near handbrake lever, red
T18	18-pin connector, near engine control unit, black
T94a	94-pin connector, black
371	Earth connection 6, in main wiring harness
B482	Connection 18, in main wiring harness
*	According to equipment
*2	Only models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
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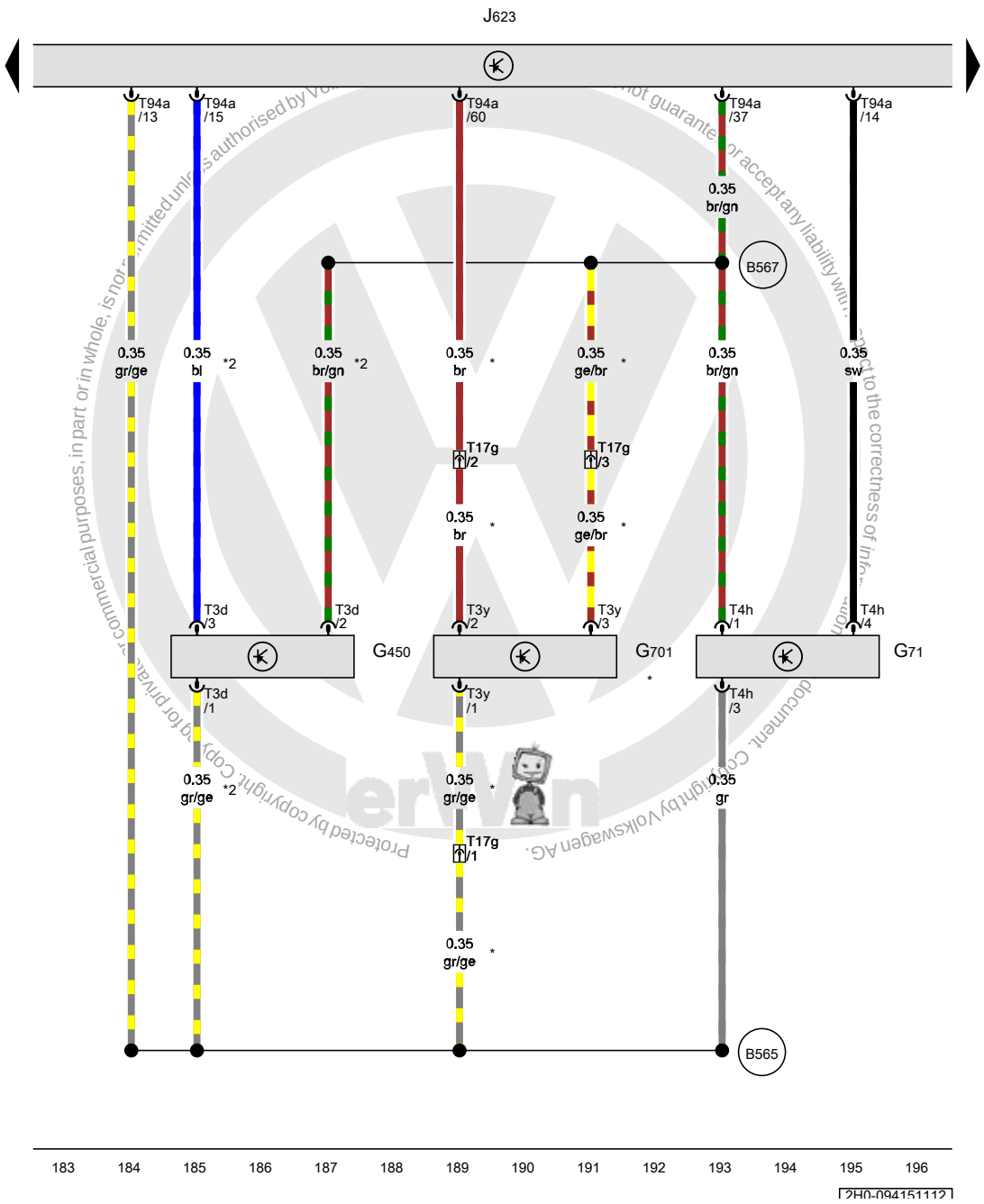

Intake manifold pressure sender, Exhaust gas pressure sensor 1, Gearbox neutral position sender, Engine control unit

G71	Intake manifold pressure sender
G450	Exhaust gas pressure sensor 1
G701	Gearbox neutral position sender
J623	Engine control unit
T3d	3-pin connector, black
T3y	3-pin connector, black
T4h	4-pin connector, black
T17g	17-pin connector, near handbrake lever, black
T94a	94-pin connector, black
B565	Connection 32, in main wiring harness
B567	Connection 34, in main wiring harness
*	Only models with manual gearbox
*2	Only models with Euro 5 emission standard

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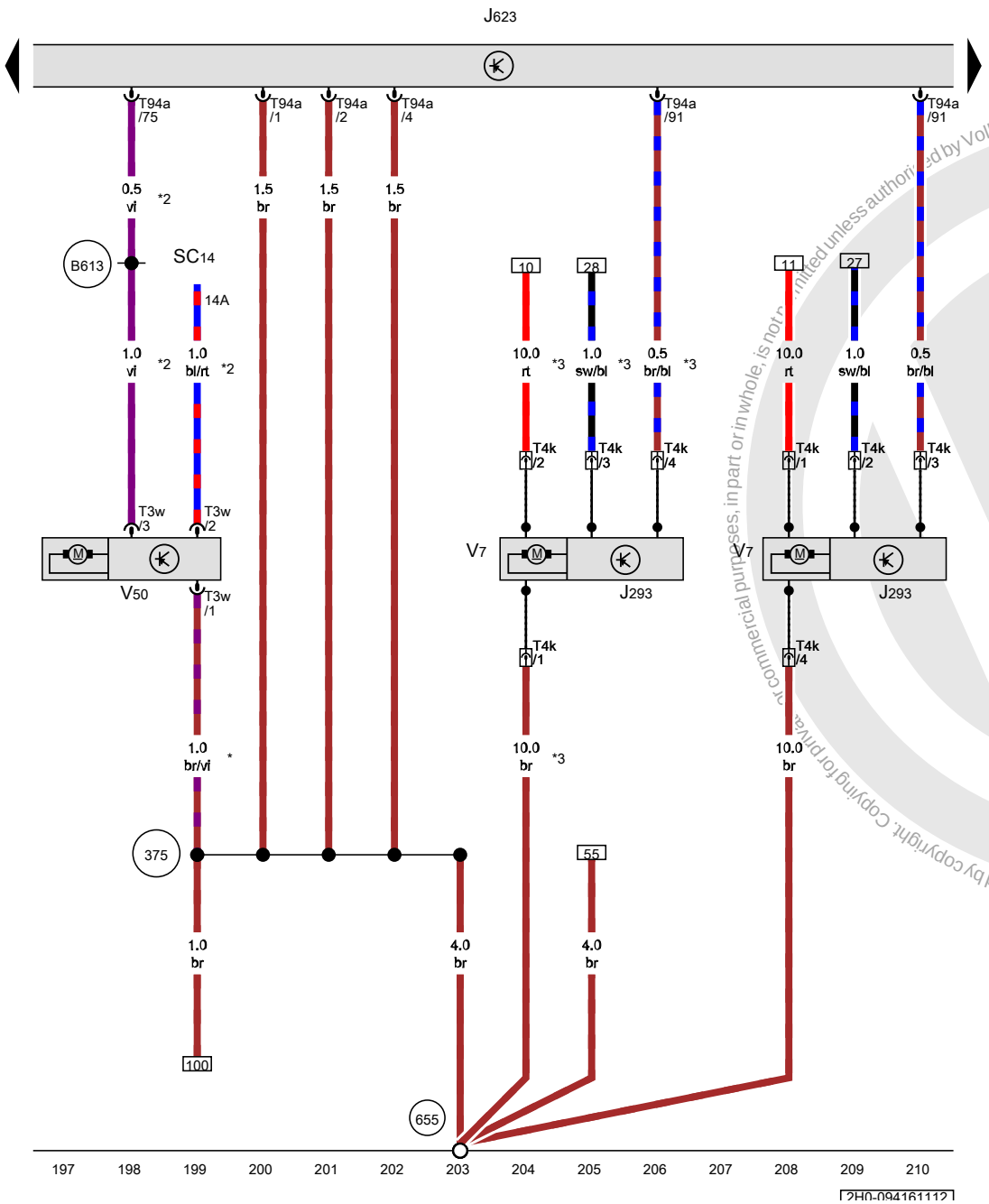

Radiator fan control unit, Engine control unit, Fuse 14 on fuse holder C, Coolant circulation pump

J293	Radiator fan control unit
J623	Engine control unit
SC14	Fuse 14 on fuse holder C
T3w	3-pin connector, black
T4k	4-pin connector, on radiator cowling, black
T94a	94-pin connector, black
V7	Radiator fan
V50	Coolant circulation pump
375	Earth connection 10, in main wiring harness
655	Earth point, on left headlight
B613	Connection 41, in main wiring harness
*	Only models with "Low" equipment (AW0)
*2	Only models with Euro 5 plus emission standard (7MJ)
*3	Hot country version

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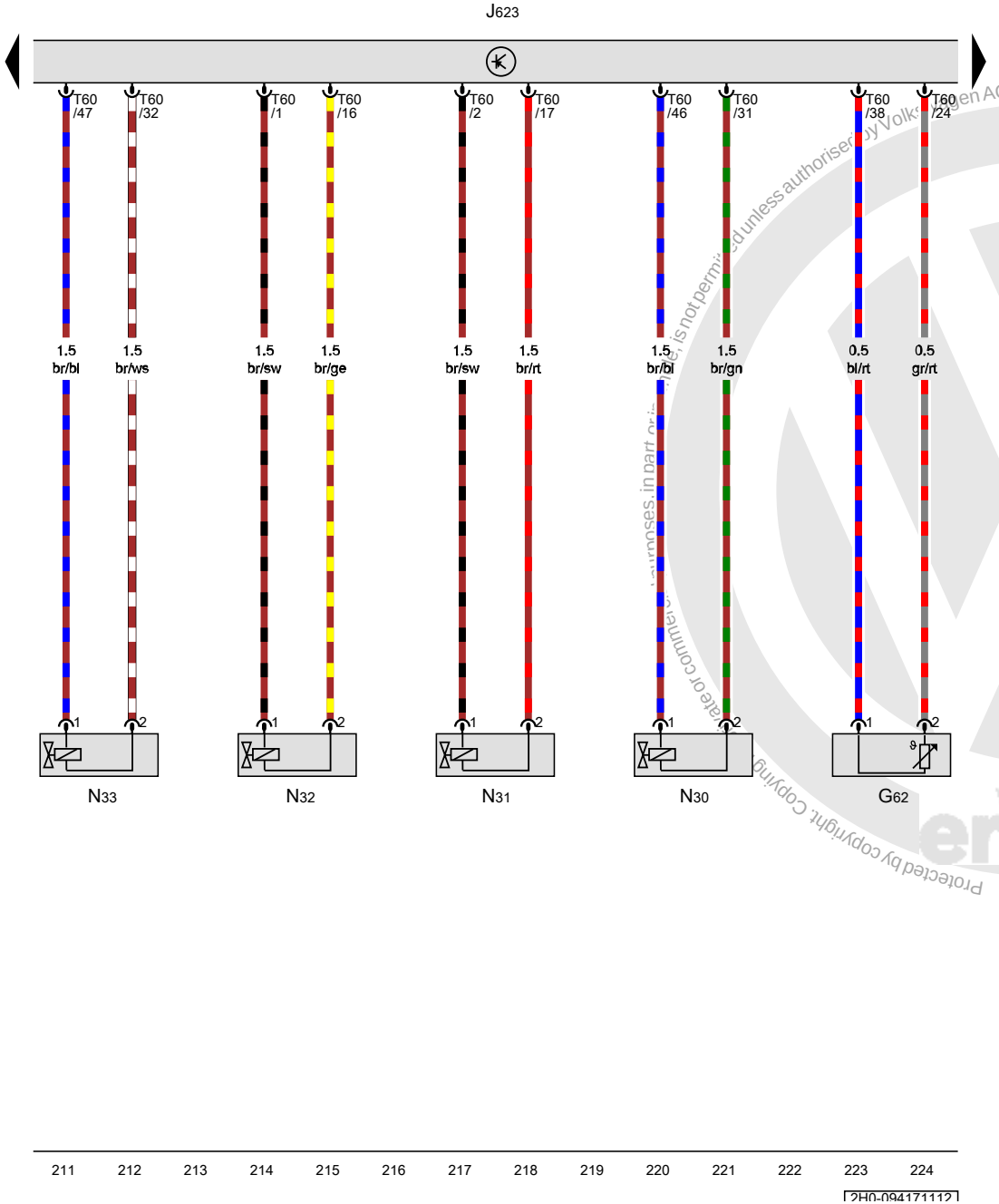
Coolant temperature sender, Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

G62	Coolant temperature sender
J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T60	60-pin connector, black



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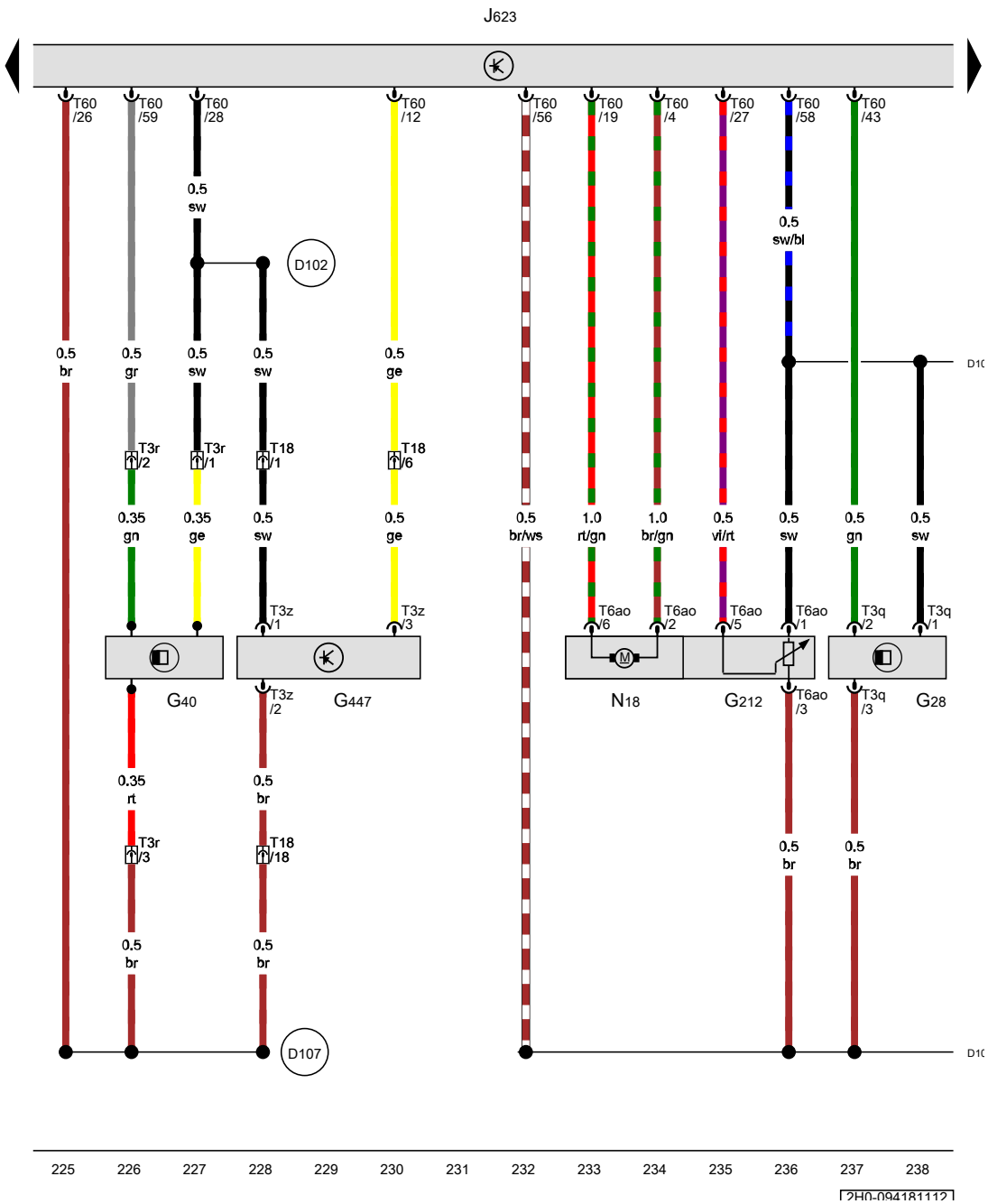

Hall sender, Exhaust gas recirculation potentiometer, Charge pressure sender 2, Engine control unit, Exhaust gas recirculation valve

G28	Engine speed sender
G40	Hall sender
G212	Exhaust gas recirculation potentiometer
G447	Charge pressure sender 2
J623	Engine control unit
N18	Exhaust gas recirculation valve
T3q	3-pin connector, black
T3r	3-pin connector, on front of engine, black
T3z	3-pin connector, black
T6ao	6-pin connector, black
T18	18-pin connector, near engine control unit, black
T60	60-pin connector, black
D101	Connection 1 in engine compartment wiring harness
D102	Connection 2 in engine compartment wiring harness
D103	Connection 3 in engine compartment wiring harness
D107	Connection 5 in engine compartment wiring harness

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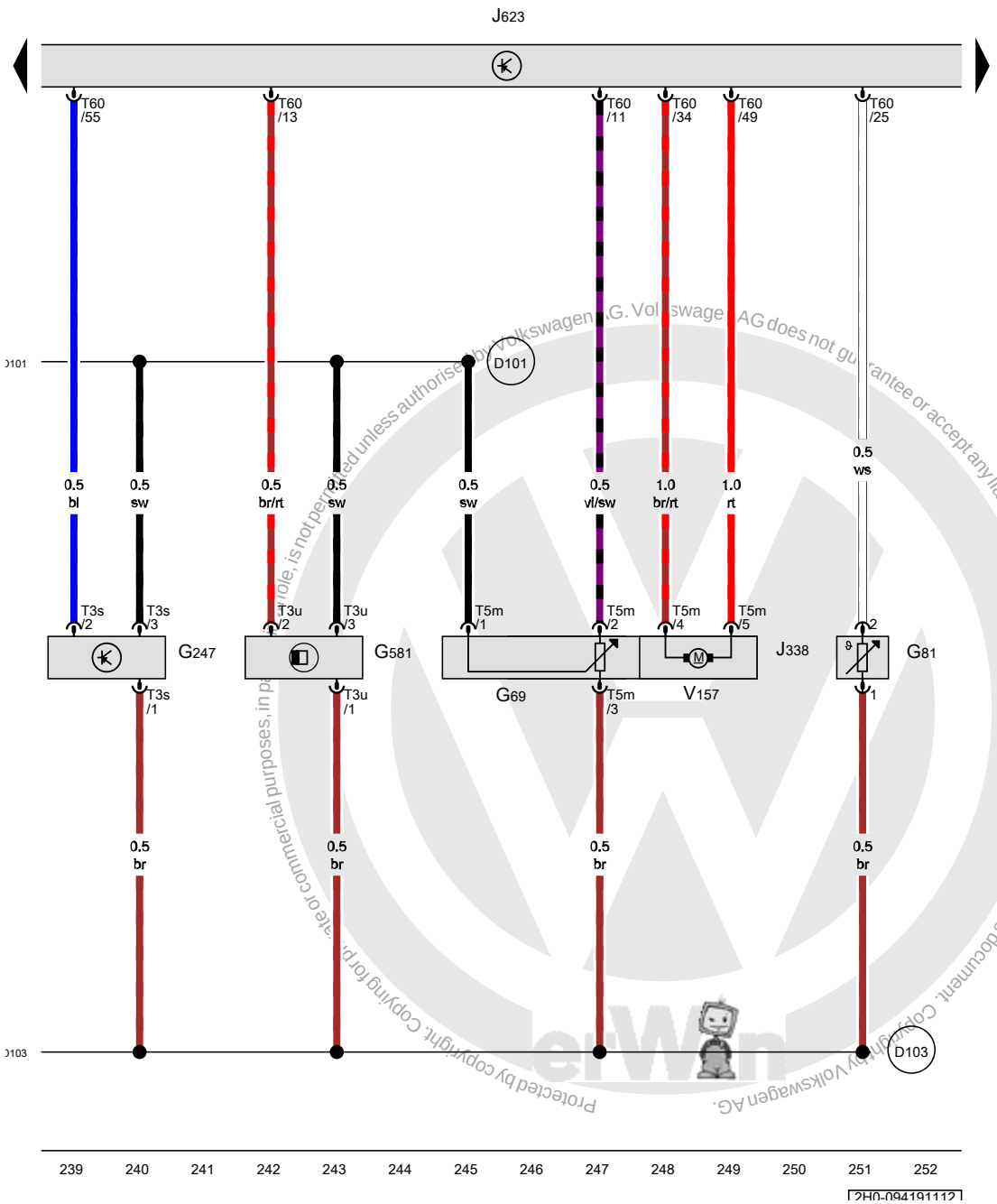

Throttle valve potentiometer, Fuel temperature sender, Fuel pressure sender, Position sender for charge pressure positioner, Throttle valve module, Engine control unit, Intake manifold flap motor

G69	Throttle valve potentiometer
G81	Fuel temperature sender
G247	Fuel pressure sender
G581	Position sender for charge pressure positioner
J338	Throttle valve module
J623	Engine control unit
T3s	3-pin connector, black
T3u	3-pin connector
T5m	5-pin connector
T60	60-pin connector, black
V157	Intake manifold flap motor
D101	Connection 1 in engine compartment wiring harness
D103	Connection 3 in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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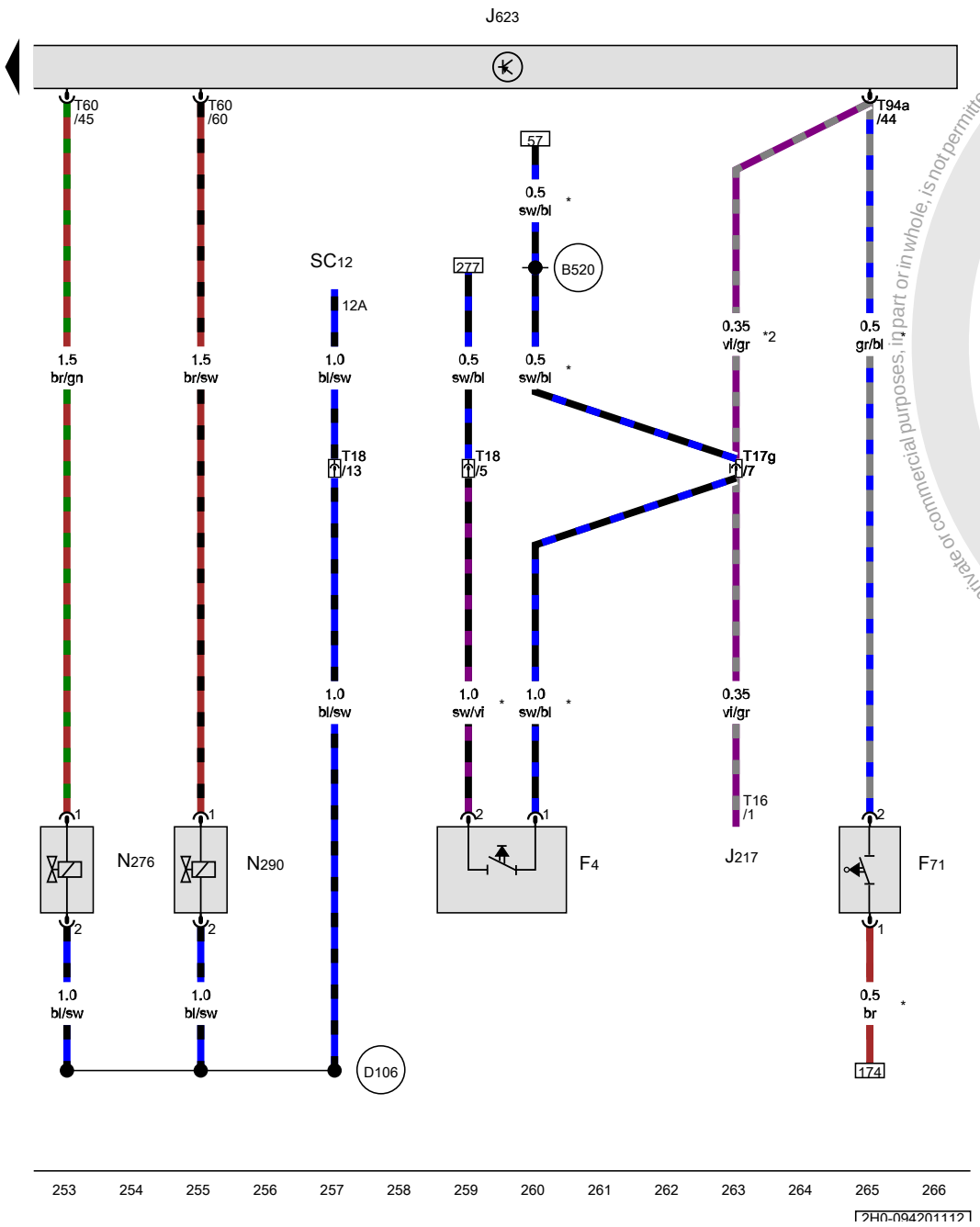

Clutch pedal switch for stop/start system, Automatic gearbox control unit, Engine control unit, Fuel pressure regulating valve, Fuel metering valve, Fuse 12 on fuse holder C

F4	Reversing light switch
F71	Clutch pedal switch for stop/start system
J217	Automatic gearbox control unit
J623	Engine control unit
N276	Fuel pressure regulating valve
N290	Fuel metering valve
SC12	Fuse 12 on fuse holder C
T16	16-pin connector
T17g	17-pin connector, near handbrake lever, black
T18	18-pin connector, near engine control unit, black
T60	60-pin connector, black
T94a	94-pin connector, black
B520	Connection (RL), in main wiring harness
D106	Connection 4 in engine compartment wiring harness
*	Only models with manual gearbox
*2	Only models with start/stop system

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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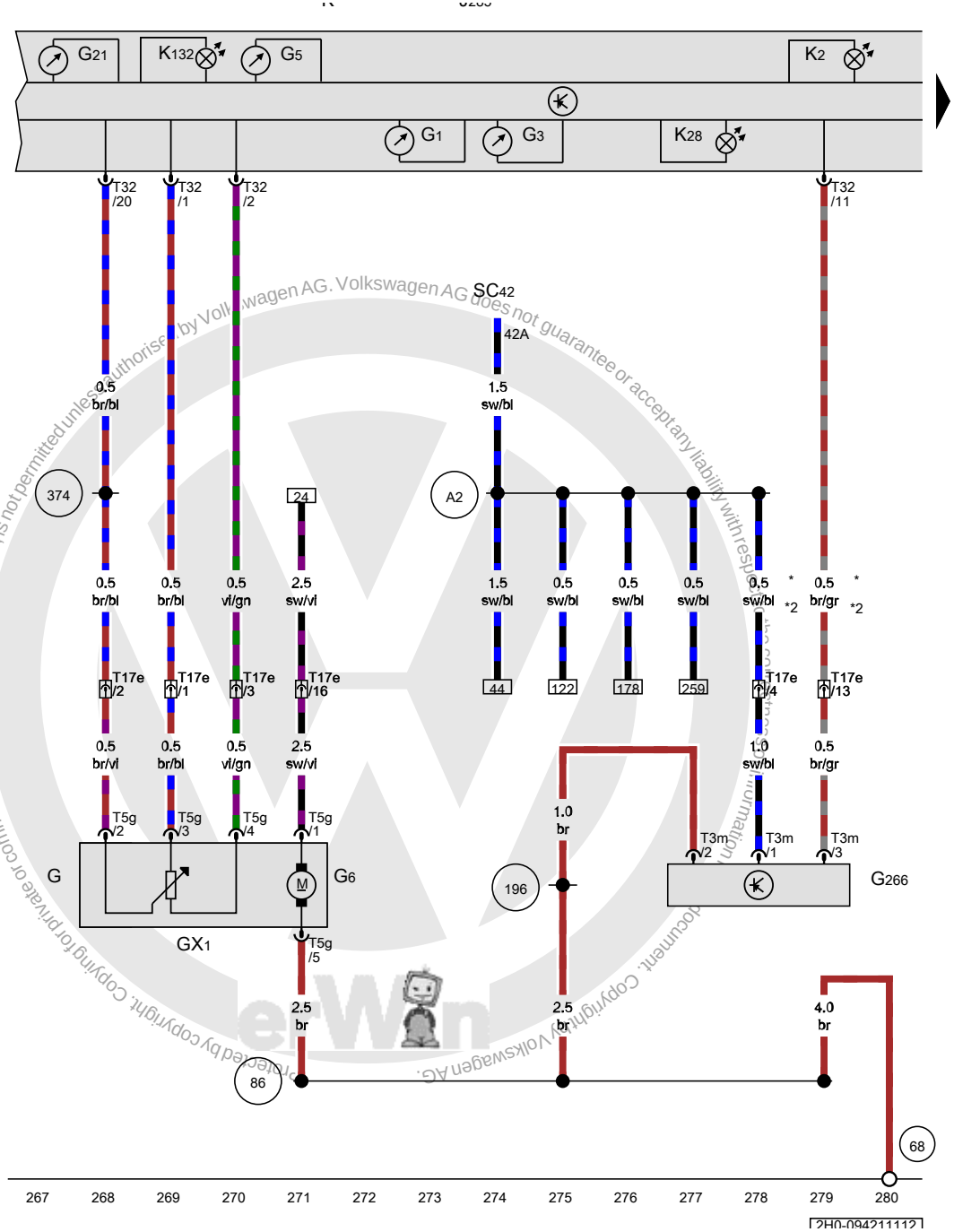

Fuel system pressurisation pump, Oil level and oil temperature sender, Dash panel insert

G	Fuel gauge sender
GX1	Fuel delivery unit
G1	Fuel gauge
G3	Coolant temperature gauge
G5	Rev. counter
G6	Fuel system pressurisation pump
G21	Speedometer
G266	Oil level and oil temperature sender
J285	Control unit in dash panel insert
K	Dash panel insert
K2	Alternator warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K132	Electronic power control fault lamp
SC42	Fuse 42 on fuse holder C
T3m	3-pin connector
T5g	5-pin connector, black
T17e	17-pin connector, near handbrake lever, red
T32	32-pin connector, blue
68	Earth point, on left of rear cross member
86	Earth connection 1, in rear wiring harness
196	Earth connection 3, in rear wiring harness
374	Earth connection 9, in main wiring harness
A2	Positive connection (15), in dash panel wiring harness
*	Only models with Euro 5 emission standard
*2	Only models with Euro 5 plus emission standard (7MJ)

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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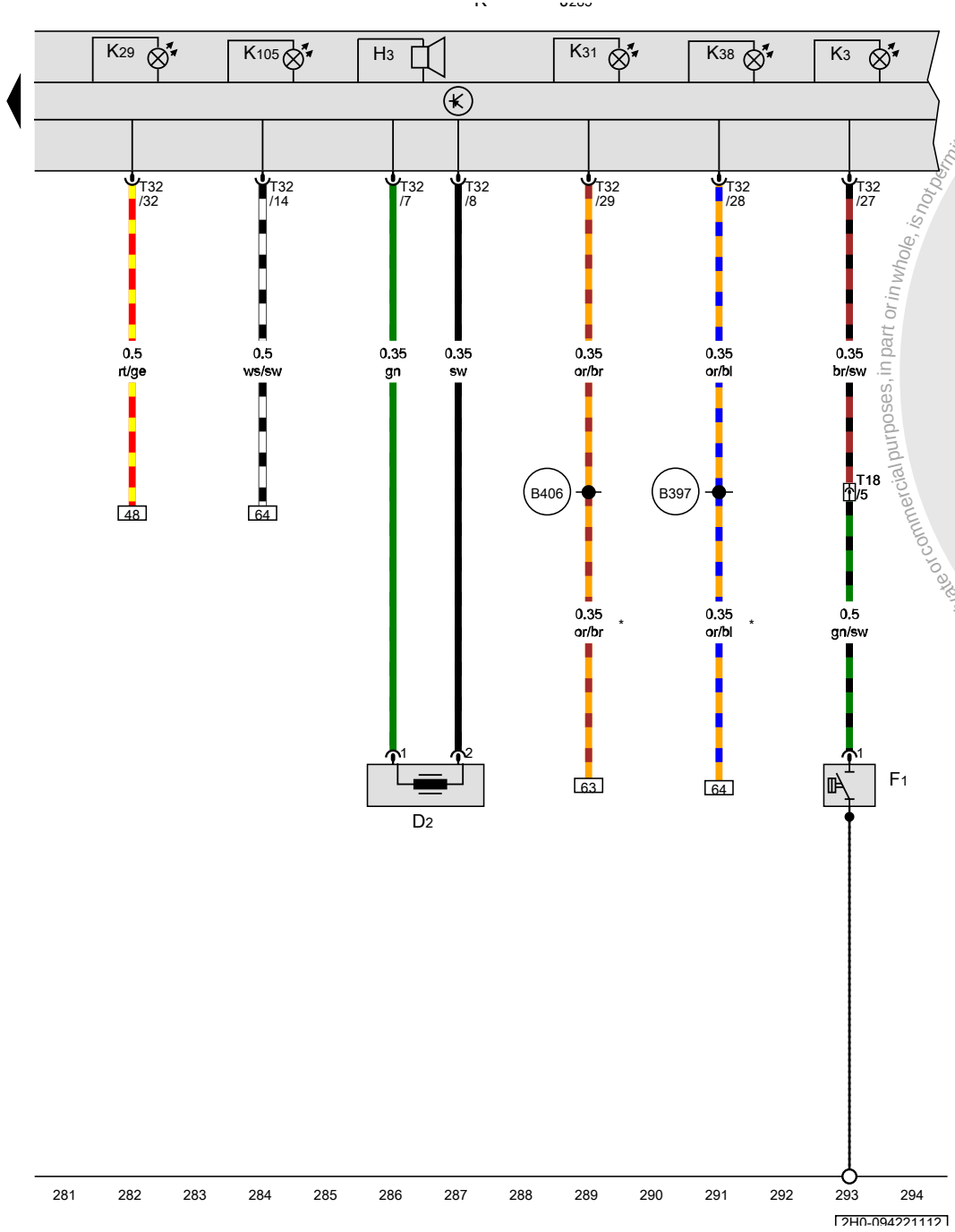

Oil pressure switch, Dash panel insert

D2	Immobiliser reader coil
F1	Oil pressure switch
H3	Buzzer and gong
J285	Control unit in dash panel insert
K	Dash panel insert
K3	Oil pressure warning lamp
K29	Glow period warning lamp
K31	Cruise control system warning lamp
K38	Oil level warning lamp
K105	Reserve fuel warning lamp
T18	18-pin connector, near engine control unit, black
T32	32-pin connector, blue
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	Only models with automatic driving lights control

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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1 Overview of earth points

3 - 3 Earth point, engine - body
- ❑ Location ⇒ page 2
- ❑ Torque 9±1 Nm

656 - 656 Earth point, on right headlight
- ❑ Location ⇒ page 2
- ❑ Torque 9±1 Nm

43 - 43 Earth point, lower part of right A-pillar
- ❑ Location ⇒ page 3
- ❑ Torque 9±1 Nm

735 - 735 Earth point in the front right door
- ❑ Location ⇒ page 3
- ❑ Torque 9 Nm

68 - 68 Earth point, on left of rear cross member
- ❑ Location ⇒ page 3
- ❑ Torque 1,5 Nm

61 - 61 Earth point, left C-pillar
- ❑ Location ⇒ page 4
- ❑ Torque 1,5 Nm

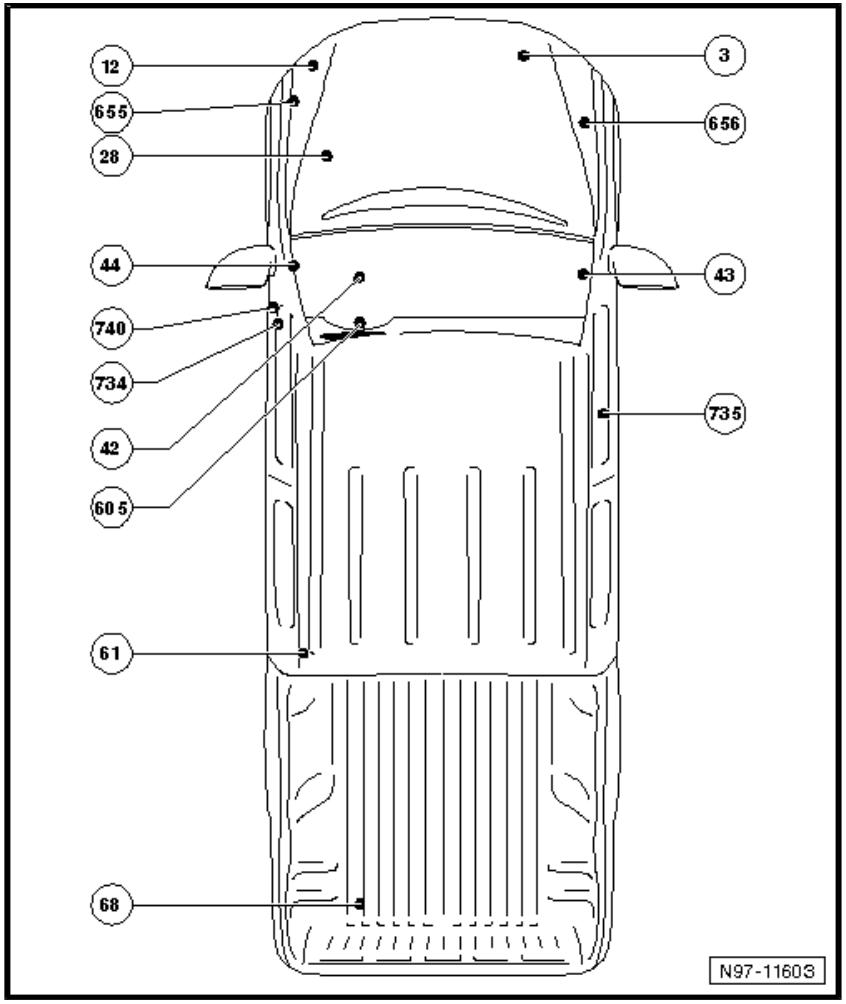
605 - 605Earth point, on top end of steering column
- ❑ Location ⇒ page 4
- ❑ Torque 9 Nm

42 - 42 Earth point, next to steering column
- ❑ Location ⇒ page 4
- ❑ Torque 9 Nm

734 - 734 Earth point in the front left door
- ❑ Location ⇒ page 4
- ❑ Torque 9 Nm

740 - 740 Earth point 2 in the front left door
- ❑ Location ⇒ page 4
- ❑ Torque 9 Nm

44 - 44Earth point, lower part of left A-pillar



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- ❑ Location ⇒ page 5
- ❑ Torque 9±1 Nm

28 - 28 Earth point, front left engine compartment

- ❑ Location ⇒ page 5
- ❑ Torque 9±1 Nm

655 - 655 Earth point, on left headlight

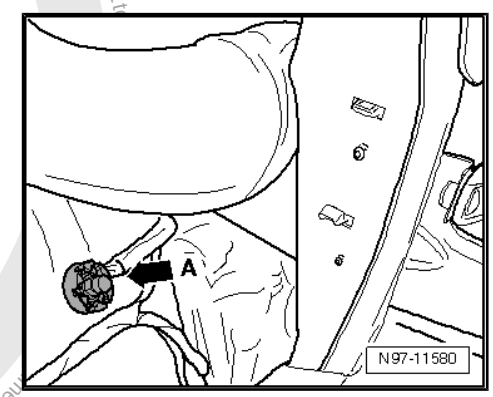
- ❑ Location ⇒ page 6
- ❑ Torque 9±1 Nm

12 - 12 Earth point, on left in engine compartment

- ❑ Location ⇒ page 6
- ❑ Torque 20±2 Nm

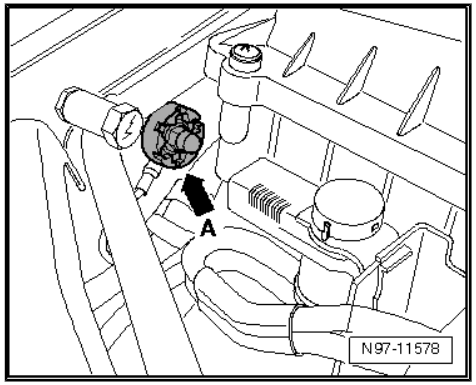
1.1 Earth point, engine - body

3 - Earth point, right behind headlight -arrow A-



1.2 Earth point, on right headlight

656 - Earth point, on right headlight -arrow A-



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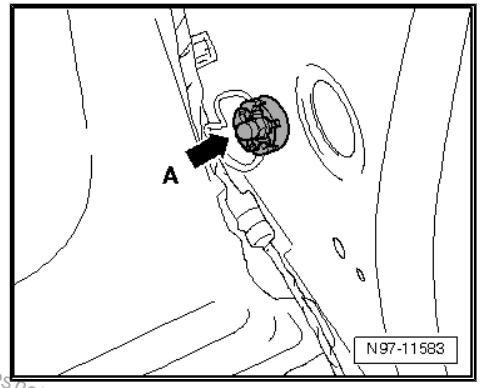
1.3 Earth point, lower part of right A-pillar

43 - Earth point, lower part of right A-pillar -arrow A-

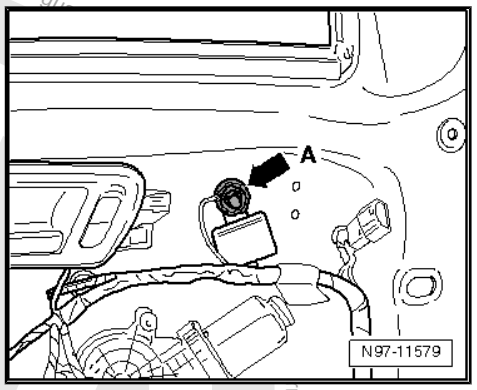


1.4 Earth point, front right A-pillar

735 - Earth point in the front right door -arrow A-

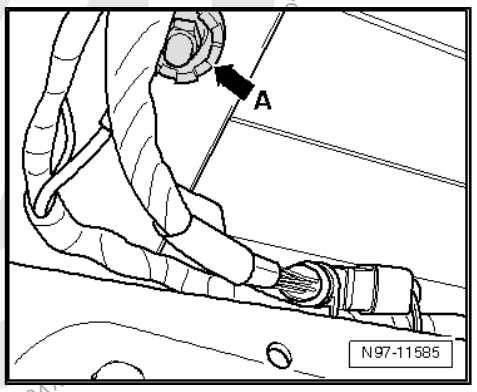
Note

The illustration shows the front left door. The front right door is similar.



1.5 Earth point, on left of rear cross member

68 - Earth point, on left of rear cross member -arrow A-



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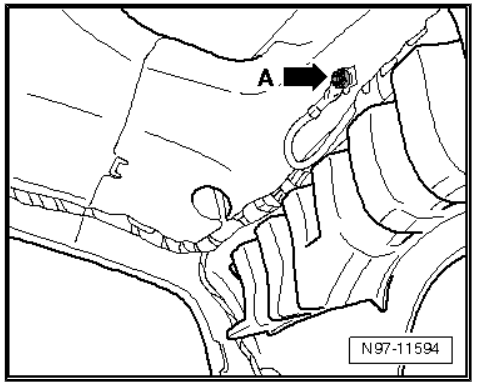
1.6 Earth point, left C-pillar

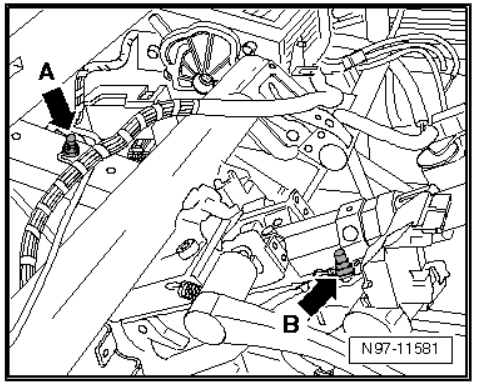
61 - Earth point, upper left C-pillar -arrow A-



1.7 Earth point, next to steering column

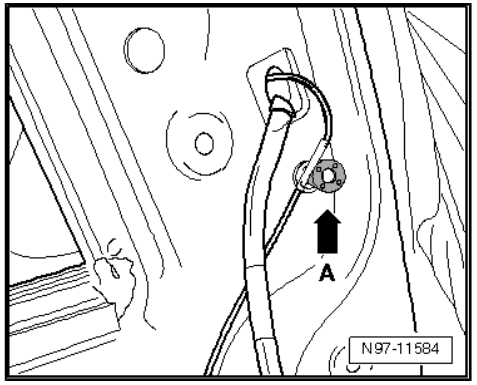
42 - Earth point, next to steering column -arrow A-

605 - Earth point, on top end of steering column -arrow B-



1.8 Earth point, front left door

734 - Earth point in the front left door -arrow A-



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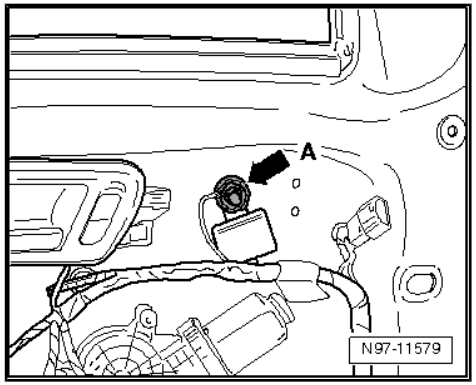
1.9 Earth point 2, front left door

740 - Earth point 2 in the front left door -arrow A-

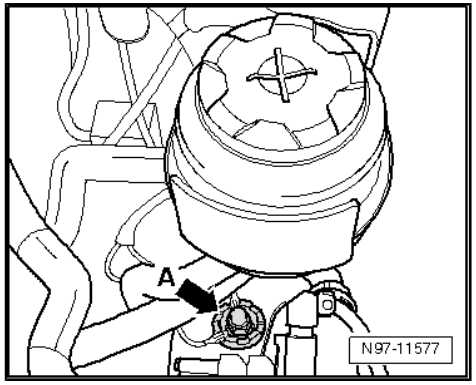


1.10 Earth point, lower part of left A-pillar

44 - Earth point, lower part of left A-pillar -arrow A-

1.11 Earth point, in front left engine compartment

28 - Earth point, in front left engine compartment -arrow A-



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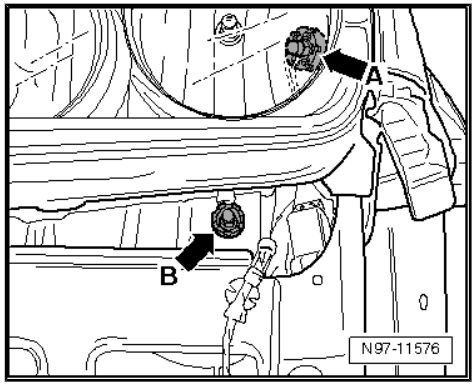
1.12 Earth points, in front left engine compartment

655 - Earth point, on left headlight -arrow A-

12 - Earth point, in engine compartment, left -arrow B-



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1 Overview of fuses

1 - Fuse holder A -SA-

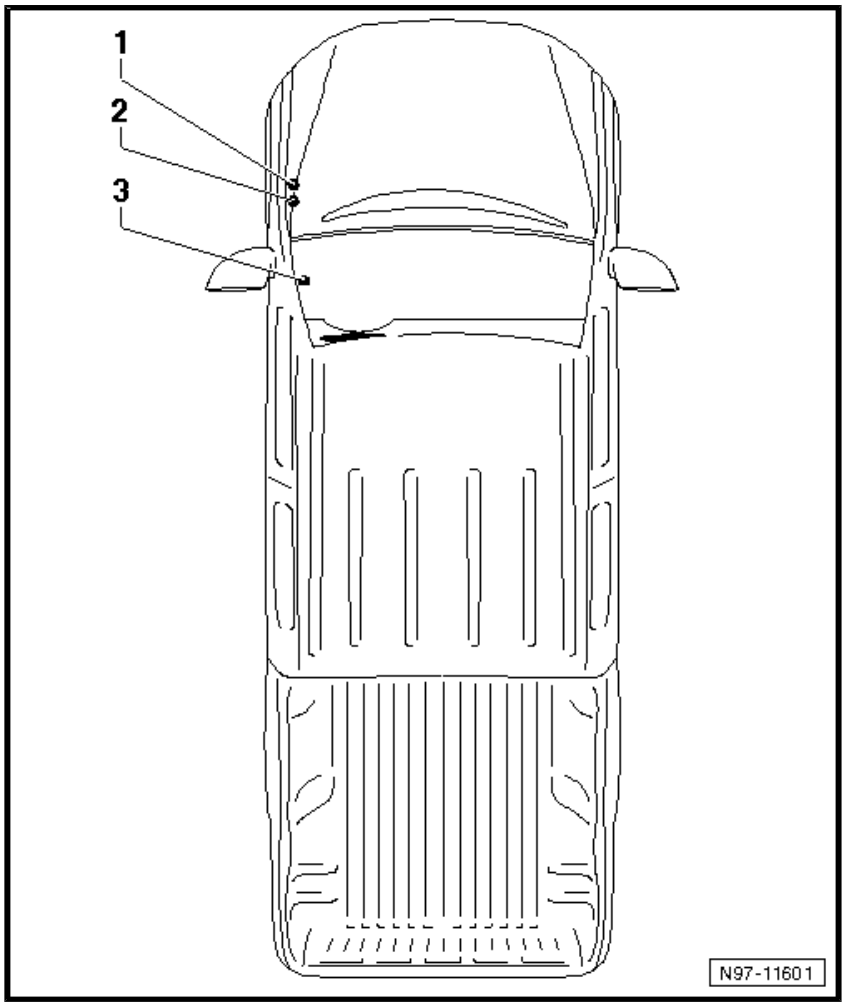
- ❑ Location ⇒ page 2
- ❑ Position of fuses (from November 2009) ⇒ page 3
- ❑ Position of fuses (from May 2011 without stop/start system) ⇒ page 3
- ❑ Position of fuses (from May 2011 with stop/start system) ⇒ page 4

2 - Fuse holder B -SB-

- ❑ Location ⇒ page 5
- ❑ Position of fuses (from November 2009) ⇒ page 7
- ❑ Position of fuses (from May 2011 without stop/start system) ⇒ page 7
- ❑ Position of fuses (from May 2011 with stop/start system) ⇒ page 7

3 - Fuse holder C -SC-

- ❑ Location ⇒ page 8
- ❑ Position of fuses (from November 2009) ⇒ page 10
- ❑ Position of fuses (from May 2011 without stop/start system) ⇒ page 15
- ❑ Position of fuses (from May 2011 with stop/start system) ⇒ page 20



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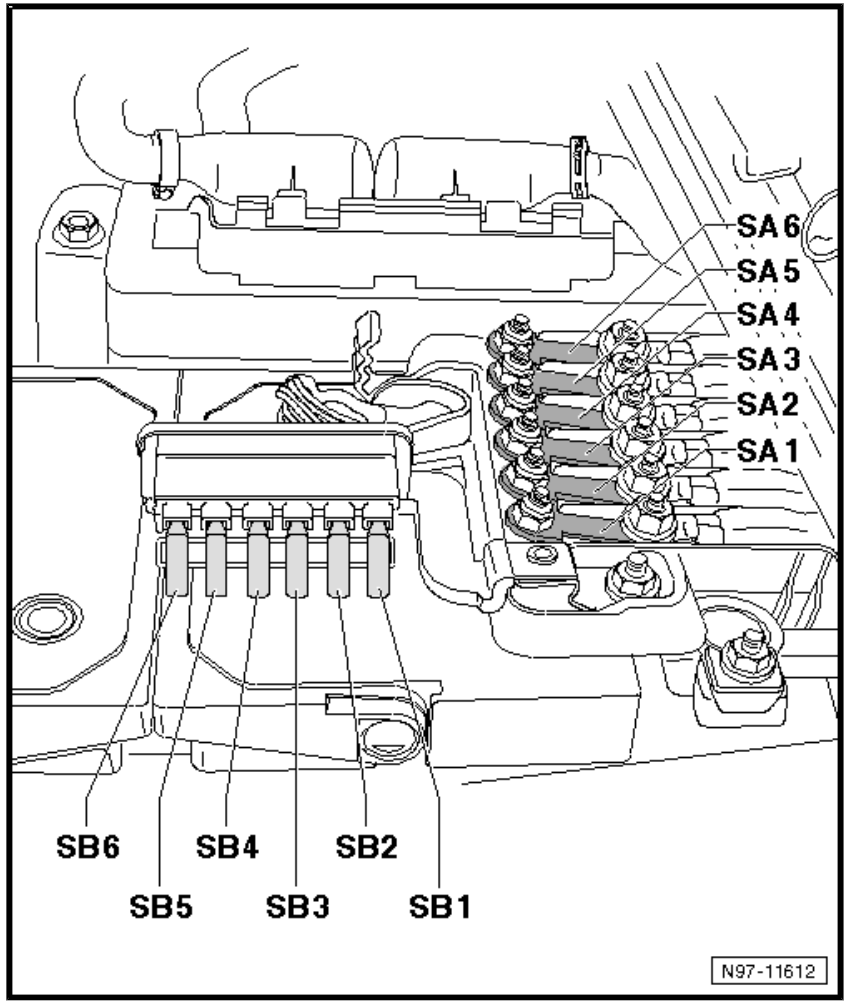
1.1 Fuse holder A -SA-

1.1.1 Location

♦ Fuse on fuse holder, on the battery

1.1.2 Fuse colours

200 A - purple
150 A - grey
125 A - pink
100 A - blue
80 A - white
70 A - brown
60 A - yellow
50 A - red
40 A - green
30 A - orange



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1.1.3 Position of fuses in fuse holder A (from November 2009)

No.	Current Flow Diagram designation	Nominal value		Function/component
1	Fuse 1 on fuse holder A -SA1-	175 A	-	Alternator -C-
2	Fuse 2 on fuse holder A -SA2-	175 A	- Fuse 4 on fuse holder C -SC4- - Fuse 8 on fuse holder C -SC8- - Fuse 11 on fuse holder C -SC11- - Fuse 15 on fuse holder C -SC15- - Fuse 19 on fuse holder C -SC19- - up to - Fuse 24 on fuse holder C -SC24- - Fuse 43 on fuse holder C -SC43- - up to - Fuse 51 on fuse holder C -SC51- - Fuse 62 on fuse holder C -SC62- - up to Fuse 64 on fuse holder C -SC64- Fuse 66 on fuse holder C -SC66- Fuse 67 on fuse holder C -SC67-
3	Fuse 3 on fuse holder A -SA3-	40A	-	Interface for external use
4	Fuse 4 on fuse holder A -SA4-	80/ 110 A	-	Radiator fan control unit -J293-
5	Fuse 5 on fuse holder A -SA5-	50A	-	Automatic glow period control unit -J179-
6	Fuse 6 on fuse holder A -SA6-	80A	- Fuse 39 on fuse holder C -SC39- - Fuse 40 on fuse holder C -SC40- - Fuse 41 on fuse holder C -SC41-	

1.1.4 Position of fuses on fuse holder A (from May 2011 without stop/start system)

No.	Current Flow Diagram designation	Nominal value		Function/component
1	Fuse 1 on fuse holder A -SA1-	175 A	-	Alternator -C-

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No.	Current Flow Diagram designation	Nominal value		Function/component
2	Fuse 2 on fuse holder A -SA2-	175 A	-	Starter -B-
			-	Fuse 1 on fuse holder C -SC1-
			-	up to
			-	Fuse 15 on fuse holder C -SC15-
			-	Fuse 19 on fuse holder C -SC19-
			-	up to
			-	Fuse 25 on fuse holder C -SC25-
			-	Fuse 33 on fuse holder C -SC33-
			-	up to
			-	Fuse 38 on fuse holder C -SC38-
			-	Fuse 42 on fuse holder C -SC42-
			-	up to
			-	Fuse 52 on fuse holder C -SC52-
			-	Fuse 54 on fuse holder C -SC54-
			-	Fuse 56 on fuse holder C -SC56-
				Fuse 57 on fuse holder C -SC57-
				Fuse 59 on fuse holder C -SC59-
				Fuse 62 on fuse holder C -SC62-
				up to
				Fuse 72 on fuse holder C -SC72-
3	Fuse 3 on fuse holder A -SA3-	40A	-	Interface for external use
4	Fuse 4 on fuse holder A -SA4-	80/ 110 A	-	Radiator fan control unit -J293-
5	Fuse 5 on fuse holder A -SA5-	50A	-	Automatic glow period control unit -J179-
6	Fuse 6 on fuse holder A -SA6-	80A	-	Fuse 39 on fuse holder C -SC39-
			-	Fuse 40 on fuse holder C -SC40-
			-	Fuse 41 on fuse holder C -SC41-

1.1.5 Position of fuses on fuse holder A (from May 2011 with stop/start system)

No.	Current Flow Diagram designation	Nominal value		Function/component
1	Fuse 1 on fuse holder A -SA1-	175 A	-	Alternator -C-

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No.	Current Flow Diagram designation	Nominal value		Function/component
2	Fuse 2 on fuse holder A -SA2-	175 A	-	Starter -B- ,
			-	Steering column combination switch -E595- ,
			-	Fuse 1 on fuse holder C -SC1-
			-	up to
			-	Fuse 16 on fuse holder C -SC16-
			-	Fuse 19 on fuse holder C -SC19-
			-	up to
			-	Fuse 25 on fuse holder C -SC25-
			-	Fuse 28 on fuse holder C -SC28-
			-	up to
			-	Fuse 30 on fuse holder C -SC30-
			-	Fuse 35 on fuse holder C -SC35-
			-	Fuse 36 on fuse holder C -SC36-
			-	Fuse 38 on fuse holder C -SC38-
			-	Fuse 42 on fuse holder C -SC42-
			-	up to
				Fuse 55 on fuse holder C -SC55-
				Fuse 57 on fuse holder C -SC57-
				Fuse 59 on fuse holder C -SC59-
				Fuse 62 on fuse holder C -SC62-
				up to
				Fuse 72 on fuse holder C -SC72-
3	Fuse 3 on fuse holder A -SA3-	40A	-	Interface for external use
4	Fuse 4 on fuse holder A -SA4-	80/ 110 A	-	Radiator fan control unit -J293-
5	Fuse 5 on fuse holder A -SA5-	50A	-	Automatic glow period control unit -J179-
6	Fuse 6 on fuse holder A -SA6-	80A	-	Fuse 39 on fuse holder C -SC39-
			-	Fuse 40 on fuse holder C -SC40-
			-	Fuse 41 on fuse holder C -SC41-

1.2 Fuse holder B -SB-

1.2.1 Location

- Fuse on fuse holder, on the battery

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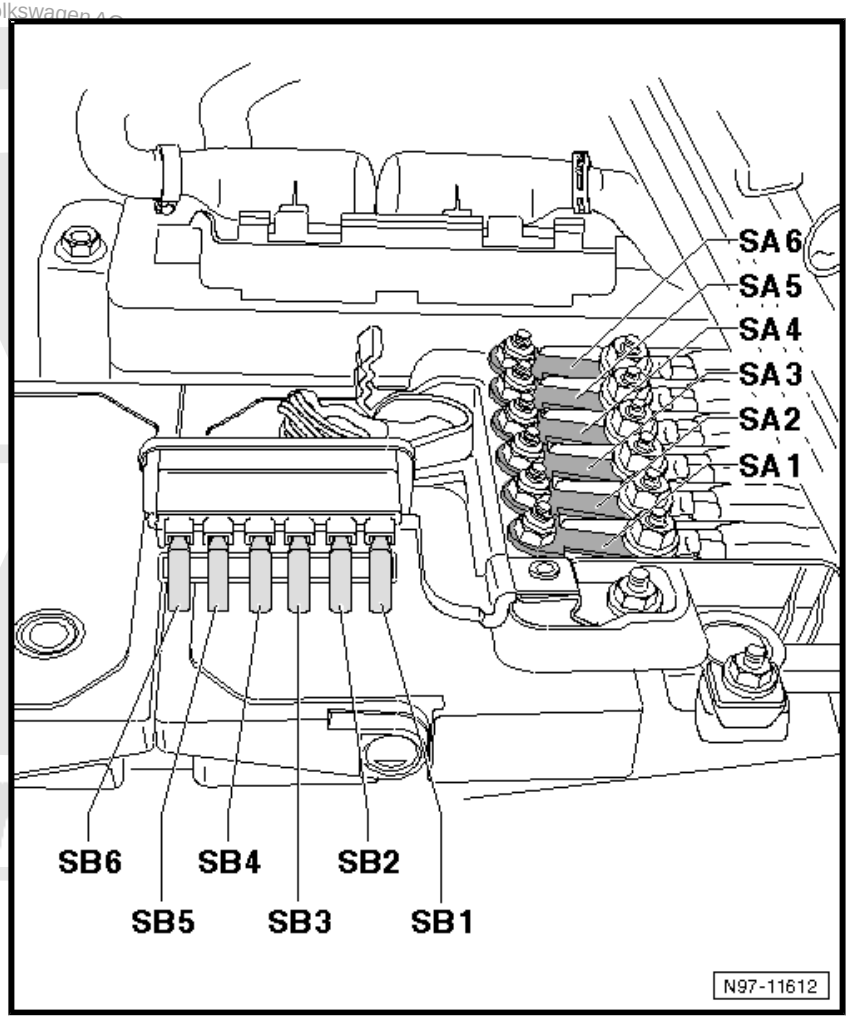
1.2.2 Fuse colours

40 A - orange
30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7,5 A - brown
5 A - beige
3 A - purple



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1.2.3 Position of fuses in fuse holder B (from November 2009)

No.		Current Flow Diagram designation	Nominal value		Function/component
1	-	Fuse 1 on fuse holder B -SB1-	40A	-	ABS control unit -J104-
2	-	Fuse 2 on fuse holder B -SB2-	30A	- -	Fuel pump relay -J17- Fuel system pressurisation pump -G6-
3	-	Fuse 3 on fuse holder B -SB3-	30A	-	ABS control unit -J104-
4	-	Fuse 4 on fuse holder B -SB4-	5A	-	Onboard supply control unit -J519- reference voltage
5	-	Fuse 5 on fuse holder B -SB5-	-	-	Vacant
6	-	Fuse 6 on fuse holder B -SB6-	-	-	Vacant

1.2.4 Position of fuses on fuse holder B (from May 2011 without stop/start system)

No.		Current Flow Diagram designation	Nominal value		Function/component
1	-	Fuse 1 on fuse holder B -SB1-	40A	-	ABS control unit -J104-
2	-	Fuse 2 on fuse holder B -SB2-	30A	- -	Fuel pump relay -J17- Fuel system pressurisation pump -G6-
3	-	Fuse 3 on fuse holder B -SB3-	30A	-	ABS control unit -J104-
4	-	Fuse 4 on fuse holder B -SB4-	5A	-	Onboard supply control unit -J519- reference voltage
5	-	Fuse 5 on fuse holder B -SB5-	-	-	Vacant
6	-	Fuse 6 on fuse holder B -SB6-	-	-	Vacant

1.2.5 Position of fuses on fuse holder B (from May 2011 with stop/start system)

No.		Current Flow Diagram designation	Nominal value		Function/component
1	-	Fuse 1 on fuse holder B -SB1-	40A	-	ABS control unit -J104-
2	-	Fuse 2 on fuse holder B -SB2-	30A	- -	Fuel pump relay -J17- Fuel system pressurisation pump -G6-
3	-	Fuse 3 on fuse holder B -SB3-	30A	-	ABS control unit -J104-
4	-	Fuse 4 on fuse holder B -SB4-	5A	-	Battery monitor control unit -J367-

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No.		Current Flow Diagram designation	Nominal value		Function/component
5	-	Fuse 5 on fuse holder B -SB5-	-	-	Vacant
6	-	Fuse 6 on fuse holder B -SB6-	-	-	Vacant

1.3 Fuse holder C -SC-

1.3.1 Location

- In interior, on left dash panel

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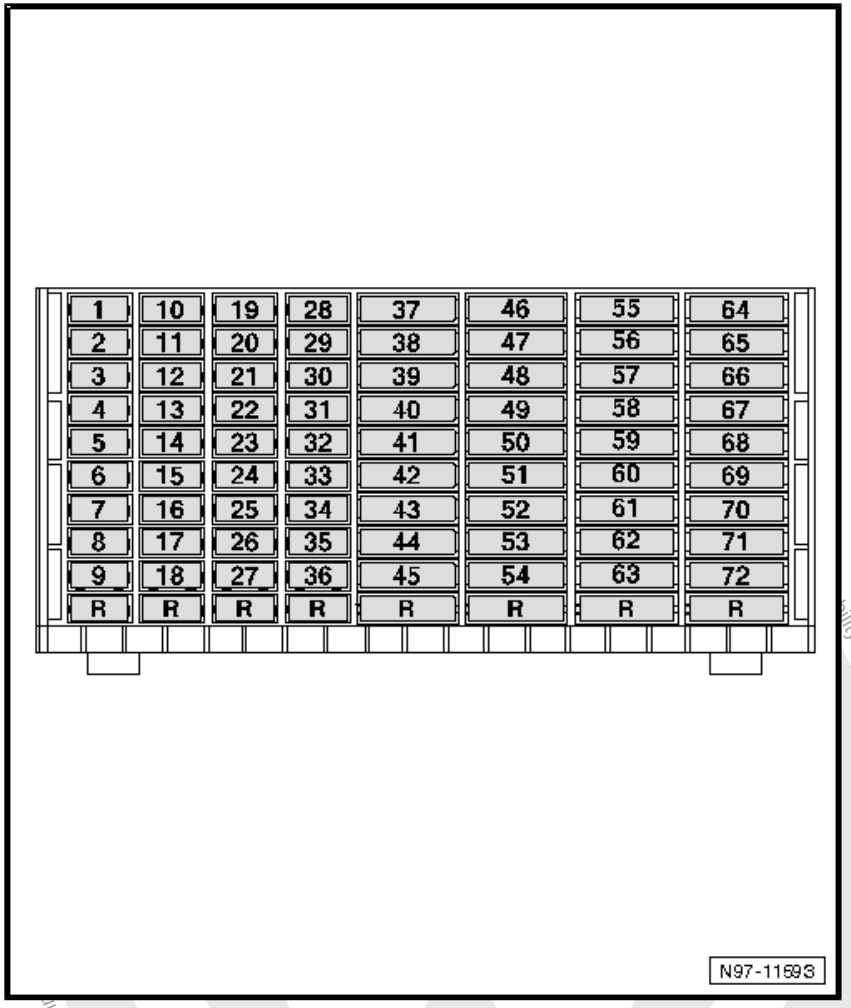
1.3.2 Fuse colours

40 A - orange
30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7,5 A - brown
5 A - beige
3 A - purple



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1.3.3 Position of fuses in fuse holder C (from November 2009)

No.		Current Flow Diagram designation	Nominal value		Function/component
1	+	Fuse 1 on fuse holder C -SC1-	10A	-	ABS control unit -J104- - TCS and ESP button -E256- - Driving program button -E598-
2	+	Fuse 2 on fuse holder C -SC2-	10A	-	Steering column electronics control unit -J527-
3	+	Fuse 3 on fuse holder C -SC3-	10A	-	Reversing switch -F41-
4	+	Fuse 4 on fuse holder C -SC4-	15A	-	Onboard supply control unit -J519-
5	+	Fuse 5 on fuse holder C -SC5-	5A	-	Air mass meter -G70-
6	+	Fuse 6 on fuse holder C -SC6-	5A	-	Trailer detector control unit -J345-
7	+	Fuse 7 on fuse holder C -SC7-	5A	-	Interface for external use
8	+	Fuse 8 on fuse holder C -SC8-	5A	-	Electronic ignition lock -D9-
9	+	Fuse 9 on fuse holder C -SC9-	10A	-	Airbag control unit -J234- - Front passenger side airbag deactivated warning lamp -K145-
10	+	Fuse 10 on fuse holder C -SC10-	5A	-	Engine control unit -J623-
11	+	Fuse 11 on fuse holder C -SC11-	15A	-	Differential lock control unit -J187-
12	+	Fuse 12 on fuse holder C -SC12-	10A	-	Fuel pump 1 -V276-
13	+	Fuse 13 on fuse holder C -SC13-	5A	-	Exhaust flap valve -N220- - Exhaust gas recirculation cooler change-over valve -N345- - Charge pressure control solenoid valve -N75-
14	+	Fuse 14 on fuse holder C -SC14-	15A	-	Continued coolant circulation pump -V51-
15	+	Fuse 15 on fuse holder C -SC15-	5A	-	Engine control unit -J623-

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No.		Current Flow Diagram designation	Nominal value		Function/component
16	+	Fuse 16 on fuse holder C -SC16-	10A	- - -	Rear fog light warning lamp -K13- Rear left fog light bulb -L46- Rear right fog light bulb -L47-
17	+	Fuse 17 on fuse holder C -SC17-	5A	- - - - -	Onboard supply control unit -J519- Right tail light bulb -M2- Right side light bulb -M3- Left tail light bulb -M4- Left side light bulb -M1-
18	+	Fuse 18 on fuse holder C -SC18-	5A	-	Washer pump -V5-
19	+	Fuse 19 on fuse holder C -SC19-	15A	-	Onboard supply control unit -J519-
20	+	Fuse 20 on fuse holder C -SC20-	15A	-	Onboard supply control unit -J519-
21	+	Fuse 21 on fuse holder C -SC21-	10A	-	Onboard supply control unit -J519-
22	+	Fuse 22 on fuse holder C -SC22-	-	-	Vacant
23	+	Fuse 23 on fuse holder C -SC23-	15A	-	Engine control unit -J623-
24	+	Fuse 24 on fuse holder C -SC24-	10A	-	Alarm horn -H12-
25	+	Fuse 25 on fuse holder C -SC25-	10A	-	Heater element for crankcase breather -N79-
26	+	Fuse 26 on fuse holder C -SC26-	5A	-	Right day driving light bulb -L175-
27	+	Fuse 27 on fuse holder C -SC27-	5A	-	Left day driving light bulb -L174-
28	+	Fuse 28 on fuse holder C -SC28-	15A	- -	Number plate left light -X4- Number plate right light -X5-
29	+	Fuse 29 on fuse holder C -SC29-	10A	-	Left headlight range control motor -V48-
30	+	Fuse 30 on fuse holder C -SC30-	10A	-	Left main beam bulb -L125-
31	+	Fuse 31 on fuse holder C -SC31-	-	-	Vacant
32	+	Fuse 32 on fuse holder C -SC32-	10A	-	Right main beam bulb -L126-

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No.		Current Flow Diagram designation	Nominal value		Function/component
33	+	Fuse 33 on fuse holder C -SC33-	5A	-	Mirror adjustment switch -E43-
34	+	Fuse 34 on fuse holder C -SC34-	-	-	Vacant
35	+	Fuse 35 on fuse holder C -SC35-	15A	-	Lambda probe 1 upstream of catalytic converter -GX10-
36	+	Fuse 36 on fuse holder C -SC36-	5A	-	Engine control unit -J623-
37	+	Fuse 37 on fuse holder C -SC37-	-	-	Vacant
38	+	Fuse 38 on fuse holder C -SC38-	15A	-	12 V socket -U5-
39	+	Fuse 39 on fuse holder C -SC39-	25A	-	Trailer detector control unit -J345-
40	+	Fuse 40 on fuse holder C -SC40-	25A	-	Trailer detector control unit -J345-
41	+	Fuse 41 on fuse holder C -SC41-	25A	-	Trailer detector control unit -J345-
42	+	Fuse 42 on fuse holder C -SC42-	15A	-	Diagnostic connection -U31- - Steering column electronics control unit -J527- - Air conditioning system pressure switch -F129- - Air quality sensor -G238- - Differential lock control unit -J187- - Transfer box control unit -J646- - Dash panel insert -K- - High level brake light bulb -M25- Brake light switch -F- Display unit -K40-
43	+	Fuse 43 on fuse holder C -SC43-	25A	-	Onboard supply control unit -J519-
44	+	Fuse 44 on fuse holder C -SC44-	30A	-	Onboard supply control unit -J519-

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No.		Current Flow Diagram designation	Nominal value		Function/component
45	+	Fuse 45 on fuse holder C -SC45-	15A	-	Diagnostic connection -U31- - Dash panel insert -K- - Steering column electronics control unit -J527- - Air conditioning system control unit -J301- - Climatronic control unit -J255- Heater/heat output switch -E16-
46	+	Fuse 46 on fuse holder C -SC46-	25A	-	Transfer box control unit -J646-
47	+	Fuse 47 on fuse holder C -SC47-	20A	-	Onboard supply control unit -J519-
48	+	Fuse 48 on fuse holder C -SC48-	20A	-	Driver door control unit -J386-
49	+	Fuse 49 on fuse holder C -SC49-	20A	-	Front passenger door control unit -J387-
50	+	Fuse 50 on fuse holder C -SC50-	20A	-	Rear left door control unit -J388-
51	+	Fuse 51 on fuse holder C -SC51-	20A	-	Rear right door control unit -J389-
52	+	Fuse 52 on fuse holder C -SC52-	15A	-	Electric socket -U-
53	+	Fuse 53 on fuse holder C -SC53-	20A	-	Left fog light bulb -L22- - Right fog light bulb -L23-
54	+	Fuse 54 on fuse holder C -SC54-	15A	-	Cigarette lighter -U1-
55	+	Fuse 55 on fuse holder C -SC55-	15A	-	Right headlight range control motor -V49-
56	+	Fuse 56 on fuse holder C -SC56-	-	-	Vacant
57	+	Fuse 57 on fuse holder C -SC57-	30A	-	Seat heating button, left -E653- - Seat heating button, right -E654- - Seat heating control unit -J882-
58	+	Fuse 58 on fuse holder C -SC58-	-	-	Vacant
59	+	Fuse 59 on fuse holder C -SC59-	20A	-	12 V socket -UX3-

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No.		Current Flow Diagram designation	Nominal value		Function/component
60	+	Fuse 60 on fuse holder C -SC60-	5A	- - -	Trailer detector control unit -J345- Diagnostic connection -U31- , Onboard supply control unit -J519-
61	+	Fuse 61 on fuse holder C -SC61-	5A	- - -	Trailer detector control unit -J345- Diagnostic connection -U31- Onboard supply control unit -J519-
62	+	Fuse 62 on fuse holder C -SC62-	20A	- -	Auxiliary heater control unit -J364- Circulation pump -V55-
63	+	Fuse 63 on fuse holder C -SC63-	10A	-	Load area illumination bulb -M53-
64	+	Fuse 64 on fuse holder C -SC64-	30A	- - -	Heater/heat output switch -E16- Climatronic control unit -J255- Air conditioning system control unit -J301-
65	+	Fuse 65 on fuse holder C -SC65-	15A	-	Engine control unit -J623-
66	+	Fuse 66 on fuse holder C -SC66-	30A	-	Onboard supply control unit -J519-
67	+	Fuse 67 on fuse holder C -SC67-	30A	- -	Radio -R- Control unit with display for radio and navigation system -J503-
68	+	Fuse 68 on fuse holder C -SC68-	-	-	Vacant
69	+	Fuse 69 on fuse holder C -SC69-	15A	-	Interface for external use
70	+	Fuse 70 on fuse holder C -SC70-	5A	-	Interface for external use
71	+	Fuse 71 on fuse holder C -SC71-	25A	-	Interface for external use
72	+	Fuse 72 on fuse holder C -SC72-	10A	-	Interface for external use

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1.3.4 Position of fuses on fuse holder C (from May 2011 without stop/start system)

No.		Current Flow Diagram designation	Nominal value		Function/component
1	+	Fuse 1 on fuse holder C -SC1-	10A	- - -	ABS control unit -J104- TCS and ESP button -E256- Driving program button -E598-
2	+	Fuse 2 on fuse holder C -SC2-	10A	-	Steering column combination switch -E595-
3	+	Fuse 3 on fuse holder C -SC3-	10A	- -	Reversing light switch -F4- Parking aid control unit -J446-
4	+	Fuse 4 on fuse holder C -SC4-	15A	-	Onboard supply control unit -J519-
5	+	Fuse 5 on fuse holder C -SC5-	5A	-	Air mass meter -G70-
6	+	Fuse 6 on fuse holder C -SC6-	5A	-	Trailer detector control unit -J345-
7	+	Fuse 7 on fuse holder C -SC7-	5A	-	Interface for external use
8	+	Fuse 8 on fuse holder C -SC8-	5A	-	Electronic ignition lock -D9-
9	+	Fuse 9 on fuse holder C -SC9-	10A	- -	Airbag control unit -J234- Front passenger side airbag deactivated warning lamp -K145-
10	+	Fuse 10 on fuse holder C -SC10-	5A	-	Engine control unit -J623-
11	+	Fuse 11 on fuse holder C -SC11-	15A	-	Differential lock control unit -J187-
12	+	Fuse 12 on fuse holder C -SC12-	10A	- - - - - -	Fuel pressure regulating valve -N276- Fuel metering valve -N290- Turbocharger air recirculation valve -N249- Charge pressure control solenoid valve -N75- Activated charcoal filter system solenoid valve 1 -N80- Inlet camshaft control valve 1 -N205- Intake manifold flap valve -N316-

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No.	Current Flow Diagram designation	Nominal value		Function/component
13	+Fuse 13 on fuse holder C -SC13-	5A	- - -	Exhaust flap valve -N220- Exhaust gas recirculation cooler change-over valve -N345- Charge pressure control solenoid valve -N75-
14	+Fuse 14 on fuse holder C -SC14-	15A	- -	Continued coolant circulation pump -V51- Fuel pressure regulating valve -N276-
15	+Fuse 15 on fuse holder C -SC15-	5A	- -	Terminal 30 voltage supply relay -J317- Circulation pump -V55-
16	+Fuse 16 on fuse holder C -SC16-	10A	- - -	Rear fog light warning lamp -K13- Rear left fog light bulb -L46- Rear right fog light bulb -L47-
17	+Fuse 17 on fuse holder C -SC17-	5A	- -	Light switch -E1- Onboard supply control unit -J519-
18	+Fuse 18 on fuse holder C -SC18-	7.5A	-	Washer pump -V5-
19	+Fuse 19 on fuse holder C -SC19-	15A	-	Onboard supply control unit -J519-
20	+Fuse 20 on fuse holder C -SC20-	15A	-	Onboard supply control unit -J519-
21	+Fuse 21 on fuse holder C -SC21-	10A	-	Onboard supply control unit -J519-
22	+Fuse 22 on fuse holder C -SC22-	5A	-	Control unit for vehicle location system -J895-
23	+Fuse 23 on fuse holder C -SC23-	10A	-	Engine control unit -J623-
24	+Fuse 24 on fuse holder C -SC24-	10A	-	Alarm horn -H12-
25	+Fuse 25 on fuse holder C -SC25-	10A	-	Heater element for crankcase breather -N79-
26	+Fuse 26 on fuse holder C -SC26-	5A	-	Right day driving light bulb -L175-
27	+Fuse 27 on fuse holder C -SC27-	5A	-	Left day driving light bulb -L174-
28	+Fuse 28 on fuse holder C -SC28-	5A	- - -	Number plate left light -X4- Number plate right light -X5- Light switch -E1-

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No.	Current Flow Diagram designation	Nominal value		Function/component
29	+Fuse 29 on fuse holder C -SC29-	10A	- - -	Left headlight range control motor -V48- Left dipped beam bulb -M29- Interface for external use
30	+Fuse 30 on fuse holder C -SC30-	10A	- -	Left main beam bulb -M30- Control unit in dash panel insert -J285-
31	+Fuse 31 on fuse holder C -SC31-	-	-	Vacant
32	+Fuse 32 on fuse holder C -SC32-	10A	-	Right main beam bulb -M32-
33	+Fuse 33 on fuse holder C -SC33-	5A	-	Mirror adjustment switch -E43-
34	+Fuse 34 on fuse holder C -SC34-	15A	-	Engine control unit -J623-
35	+Fuse 35 on fuse holder C -SC35-	15A	- -	Lambda probe heater -Z19- Lambda probe 1 heater after catalytic converter -Z29-
36	+Fuse 36 on fuse holder C -SC36-	5A	- - - - -	Fuel pump relay -J17- Terminal 30 voltage supply relay -J317- Clutch pedal switch -F36- Radiator fan control unit -J293- Automatic glow period control unit -J179-
37	+Fuse 37 on fuse holder C -SC37-	20A	- - - -	Ignition coil 1 with output stage -N70- Ignition coil 2 with output stage -N127- Ignition coil 3 with output stage -N291- Ignition coil 4 with output stage -N292-
38	+Fuse 38 on fuse holder C -SC38-	15A	-	12 V socket -U5-
39	+Fuse 39 on fuse holder C -SC39-	25A	-	Trailer detector control unit -J345-
40	+Fuse 40 on fuse holder C -SC40-	25A	-	Trailer detector control unit -J345-
41	+Fuse 41 on fuse holder C -SC41-	25A	-	Trailer detector control unit -J345-

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No.		Current Flow Diagram designation	Nominal value		Function/component
42	-	Fuse 42 on fuse holder C -SC42-	15A	-	Diagnostic connection -U31- Steering column combination switch -E595- Oil level and oil temperature sender -G266- Air quality sensor -G238- Differential lock control unit -J187- Transfer box control unit -J646- Control unit in dash panel insert -J285- High level brake light bulb -M25- Brake light switch -F- High pressure sender -G65- Control unit for vehicle location system -J895- Normal operation warning lamp in transfer box operating unit -K181- Reduction gearing warning lamp in transfer box operating unit -K182- Longitudinal lock-up warning lamp in transfer box operating unit -K183-
43	-	Fuse 43 on fuse holder C -SC43-	25A	-	Onboard supply control unit -J519-
44	-	Fuse 44 on fuse holder C -SC44-	30A	-	Onboard supply control unit -J519-
45	-	Fuse 45 on fuse holder C -SC45-	15A	-	Diagnostic connection -U31- Control unit in dash panel insert -J285- Steering column combination switch -E595- Air conditioning system control unit -J301- Climatronic control unit -J255- Heater/heat output switch -E16-
46	-	Fuse 46 on fuse holder C -SC46-	25A	-	Transfer box control unit -J646-
47	-	Fuse 47 on fuse holder C -SC47-	20A	-	Onboard supply control unit -J519-
48	-	Fuse 48 on fuse holder C -SC48-	20A	-	Driver door control unit -J386-
49	-	Fuse 49 on fuse holder C -SC49-	20A	-	Front passenger door control unit -J387-
50	-	Fuse 50 on fuse holder C -SC50-	20A	-	Rear left door control unit -J388-

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No.	Current Flow Diagram designation	Nominal value		Function/component
51	+Fuse 51 on fuse holder C -SC51-	20A	-	Rear right door control unit -J389-
52	+Fuse 52 on fuse holder C -SC52-	15A	-	Electric socket -U-
53	+Fuse 53 on fuse holder C -SC53-	20A	- -	Left fog light bulb -L22- , Right fog light bulb -L23-
54	+Fuse 54 on fuse holder C -SC54-	15A	-	Cigarette lighter -U1-
55	+Fuse 55 on fuse holder C -SC55-	15A	- - - -	Right headlight range control motor -V49- Headlight range control regulator -E102- Right dipped beam bulb -M31- Interface for external use
56	+Fuse 56 on fuse holder C -SC56-	25A	-	Fuel pump control unit -J538-
57	+Fuse 57 on fuse holder C -SC57-	30A	- - -	Seat heating button, left -E653- Seat heating button, right -E654- Seat heating control unit -J882-
58	+Fuse 58 on fuse holder C -SC58-	-	-	Vacant
59	+Fuse 59 on fuse holder C -SC59-	20A	-	12 V socket 2 -U18-
60	+Fuse 60 on fuse holder C -SC60-	5A	- -	Trailer detector control unit -J345- Onboard supply control unit -J519-
61	+Fuse 61 on fuse holder C -SC61-	5A	- -	Trailer detector control unit -J345- Onboard supply control unit -J519-,
62	+Fuse 62 on fuse holder C -SC62-	20A	- -	Auxiliary heater control unit -J364- Circulation pump -V55-
63	+Fuse 63 on fuse holder C -SC63-	10A	-	Load area illumination bulb -M53-
64	+Fuse 64 on fuse holder C -SC64-	40A	- - -	Heater/heat output switch -E16- Climatronic control unit -J255- Air conditioning system control unit -J301-
65	+Fuse 65 on fuse holder C -SC65-	15A	-	Engine control unit -J623-
66	+Fuse 66 on fuse holder C -SC66-	30A	-	Onboard supply control unit -J519-

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No.		Current Flow Diagram designation	Nominal value		Function/component
67	+	Fuse 67 on fuse holder C -SC67-	30A	- -	Radio -R- Control unit with display for radio and navigation system -J503-
68	+	Fuse 68 on fuse holder C -SC68-	5A	-	Telephone controls control unit -J738-
69	+	Fuse 69 on fuse holder C -SC69-	15A	-	Interface for external use
70	+	Fuse 70 on fuse holder C -SC70-	5A	-	Interface for external use
71	+	Fuse 71 on fuse holder C -SC71-	25A	-	Interface for external use
72	+	Fuse 72 on fuse holder C -SC72-	10A	-	Interface for external use

1.3.5 Position of fuses on fuse holder C (from May 2011 with stop/start system)

No.		Current Flow Diagram designation	Nominal value		Function/component
1	+	Fuse 1 on fuse holder C -SC1-	10A	- - -	ABS control unit -J104- TCS and ESP button -E256- Driving program button -E598-
2	+	Fuse 2 on fuse holder C -SC2-	10A	-	Steering column combination switch -E595-
3	+	Fuse 3 on fuse holder C -SC3-	10A	- -	Reversing light switch -F4- Parking aid control unit -J446-
4	+	Fuse 4 on fuse holder C -SC4-	15A	-	Onboard supply control unit -J519-
5	+	Fuse 5 on fuse holder C -SC5-	5A	-	Air mass meter -G70-
6	+	Fuse 6 on fuse holder C -SC6-	5A	-	Trailer detector control unit -J345-
7	+	Fuse 7 on fuse holder C -SC7-	5A	-	Interface for external use
8	+	Fuse 8 on fuse holder C -SC8-	5A	-	Electronic ignition lock -D9-

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No.		Current Flow Diagram designation	Nominal value		Function/component
9	+	Fuse 9 on fuse holder C -SC9-	10A	- -	Airbag control unit -J234- Front passenger side airbag deactivated warning lamp -K145-
10	+	Fuse 10 on fuse holder C -SC10-	5A	-	Engine control unit -J623-
11	+	Fuse 11 on fuse holder C -SC11-	15A	-	Differential lock control unit -J187-
12	+	Fuse 12 on fuse holder C -SC12-	10A	- -	Fuel pressure regulating valve -N276- Fuel metering valve -N290-
13	+	Fuse 13 on fuse holder C -SC13-	5A	- - -	Exhaust flap valve -N220- Exhaust gas recirculation cooler change-over valve -N345- Charge pressure control solenoid valve -N75-
14	+	Fuse 14 on fuse holder C -SC14-	15A	-	Coolant circulation pump -V50-
15	+	Fuse 15 on fuse holder C -SC15-	5A	- -	Terminal 30 voltage supply relay -J317- Circulation pump -V55-
16	+	Fuse 16 on fuse holder C -SC16-	5A	- -	Voltage stabiliser -J532- Data bus diagnostic interface -J533-
17	+	Fuse 17 on fuse holder C -SC17-	-	-	Vacant
18	+	Fuse 18 on fuse holder C -SC18-	7.5A	-	Washer pump -V5-
19	+	Fuse 19 on fuse holder C -SC19-	15A	-	Onboard supply control unit -J519-
20	+	Fuse 20 on fuse holder C -SC20-	15A	-	Onboard supply control unit -J519-
21	+	Fuse 21 on fuse holder C -SC21-	10A	-	Onboard supply control unit -J519-
22	+	Fuse 22 on fuse holder C -SC22-	5A	-	Control unit for vehicle location system -J895-
23	+	Fuse 23 on fuse holder C -SC23-	10A	-	Engine control unit -J623-
24	+	Fuse 24 on fuse holder C -SC24-	10A	-	Alarm horn -H12-
25	+	Fuse 25 on fuse holder C -SC25-	10A	-	Heater element for crankcase breather -N79-

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No.		Current Flow Diagram designation	Nominal value		Function/component
26		+Fuse 26 on fuse holder C -SC26-	-	-	Vacant
27		+Fuse 27 on fuse holder C -SC27-	-	-	Vacant
28		+Fuse 28 on fuse holder C -SC28-	15A	-	Onboard supply control unit -J519-
29		+Fuse 29 on fuse holder C -SC29-	5A	-	Light switch -E1-
30		+Fuse 30 on fuse holder C -SC30-	5A	- -	Starter relay 1 -J906- Starter relay 2 -J907-
31		+Fuse 31 on fuse holder C -SC31-	-	-	Vacant
32		+Fuse 32 on fuse holder C -SC32-	-	-	Vacant
33		+Fuse 33 on fuse holder C -SC33-	5A	-	Mirror adjustment switch -E43-
34		+Fuse 34 on fuse holder C -SC34-	-	-	Vacant
35		+Fuse 35 on fuse holder C -SC35-	15A	-	Lambda probe heater -Z19-
36		+Fuse 36 on fuse holder C -SC36-	5A	- - -	Fuel pump relay -J17- Terminal 30 voltage supply relay -J317- Engine control unit -J623-
37		+Fuse 37 on fuse holder C -SC37-	-	-	Vacant
38		+Fuse 38 on fuse holder C -SC38-	15A	-	12 V socket -U5-
39		+Fuse 39 on fuse holder C -SC39-	25A	-	Trailer detector control unit -J345-
40		+Fuse 40 on fuse holder C -SC40-	25A	-	Trailer detector control unit -J345-
41		+Fuse 41 on fuse holder C -SC41-	25A	-	Trailer detector control unit -J345-

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No.	Current Flow Diagram designation	Nominal value		Function/component
42	+Fuse 42 on fuse holder C -SC42-	15A	-	Diagnostic connection -U31- Steering column combination switch -E595- Oil level and oil temperature sender -G266- Air quality sensor -G238- Differential lock control unit -J187- Transfer box control unit -J646- Control unit in dash panel insert -J285- High level brake light bulb -M25- Brake light switch -F- High pressure sender -G65- Control unit for vehicle location system -J895- Normal operation warning lamp in transfer box operating unit -K181- Reduction gearing warning lamp in transfer box operating unit -K182- Longitudinal lock-up warning lamp in transfer box operating unit -K183- Fuse 16 on fuse holder C -SC16-
43	+Fuse 43 on fuse holder C -SC43-	25A	-	Onboard supply control unit -J519-
44	+Fuse 44 on fuse holder C -SC44-	30A	-	Onboard supply control unit -J519-
45	+Fuse 45 on fuse holder C -SC45-	15A	-	Diagnostic connection -U31- Control unit in dash panel insert -J285- Steering column combination switch -E595- Air conditioning system control unit -J301- Climatronic control unit -J255- Heater/heat output switch -E16-
46	+Fuse 46 on fuse holder C -SC46-	25A	-	Transfer box control unit -J646-
47	+Fuse 47 on fuse holder C -SC47-	20A	-	Onboard supply control unit -J519-
48	+Fuse 48 on fuse holder C -SC48-	20A	-	Driver door control unit -J386-
49	+Fuse 49 on fuse holder C -SC49-	20A	-	Front passenger door control unit -J387-

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No.		Current Flow Diagram designation	Nominal value		Function/component
50	-	Fuse 50 on fuse holder C -SC50-	20A	-	Rear left door control unit -J388-
51	-	Fuse 51 on fuse holder C -SC51-	20A	-	Rear right door control unit -J389-
52	-	Fuse 52 on fuse holder C -SC52-	15A	-	Electric socket -U-
53	-	Fuse 53 on fuse holder C -SC53-	25A	-	Onboard supply control unit -J519-
54	-	Fuse 54 on fuse holder C -SC54-	15A	-	Cigarette lighter -U1-
55	-	Fuse 55 on fuse holder C -SC55-	25A	-	Onboard supply control unit -J519-
56	-	Fuse 56 on fuse holder C -SC56-	-	-	Vacant
57	-	Fuse 57 on fuse holder C -SC57-	30A	- - -	Seat heating button, left -E653- Seat heating button, right -E654- Seat heating control unit -J882-
58	-	Fuse 58 on fuse holder C -SC58-	-	-	Vacant
59	-	Fuse 59 on fuse holder C -SC59-	20A	-	12 V socket 2 -U18-
60	-	Fuse 60 on fuse holder C -SC60-	5A	- -	Trailer detector control unit -J345- Onboard supply control unit -J519-
61	-	Fuse 61 on fuse holder C -SC61-	5A	- -	Trailer detector control unit -J345- Onboard supply control unit -J519-
62	-	Fuse 62 on fuse holder C -SC62-	20A	- -	Auxiliary heater control unit -J364- Circulation pump -V55-
63	-	Fuse 63 on fuse holder C -SC63-	10A	-	Load area illumination bulb -M53-
64	-	Fuse 64 on fuse holder C -SC64-	40A	- - -	Heater/heat output switch -E16- Climatronic control unit -J255- Air conditioning system control unit -J301-
65	-	Fuse 65 on fuse holder C -SC65-	15A	-	Engine control unit -J623-
66	-	Fuse 66 on fuse holder C -SC66-	30A	-	Onboard supply control unit -J519-

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No.		Current Flow Diagram designation	Nominal value		Function/component
67	+	Fuse 67 on fuse holder C -SC67-	30A	- -	Voltage stabiliser -J532- Data bus diagnostic interface -J533-
68	+	Fuse 68 on fuse holder C -SC68-	5A	-	Telephone controls control unit -J738-
69	+	Fuse 69 on fuse holder C -SC69-	15A	-	Interface for external use
70	+	Fuse 70 on fuse holder C -SC70-	5A	-	Interface for external use
71	+	Fuse 71 on fuse holder C -SC71-	25A	-	Interface for external use
72	+	Fuse 72 on fuse holder C -SC72-	10A	-	Interface for external use

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1 Control units overview

1 - Automatic glow period control unit -J179-
- ❑ Location ⇒ page 3

2 - Transfer box control unit -J646-
- ❑ Location ⇒ page 3
- ❑ Connector assigment ⇒ page 4

3 - Trailer detector control unit -J345-
- ❑ Location ⇒ page 3
- ❑ Connector assigment ⇒ page 5

4 - Parking aid control unit -J446-
- ❑ Location ⇒ page 6
- ❑ Connector assigment ⇒ page 7

5 - Seat heating control unit -J882-
- ❑ Location ⇒ page 8

6 - Climatronic control unit -J255-
- ❑ Location ⇒ page 9
- ❑ Connector assigment ⇒ page 9

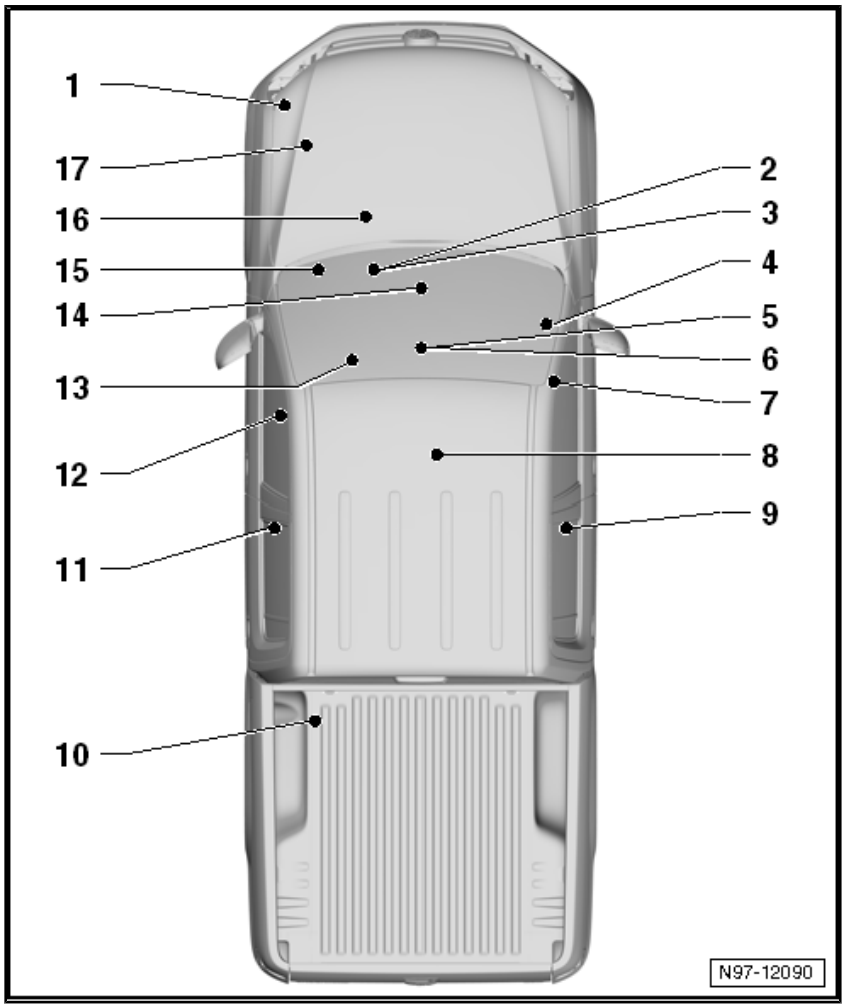
6 - Air conditioning system control unit -J301-
- ❑ Location ⇒ page 9
- ❑ Connector assigment ⇒ page 10

6 - Heater/heat output switch -E16-
- ❑ Location ⇒ page 10
- ❑ Connector assigment ⇒ page 11

7 - Front passenger door control unit -J387-
- ❑ Location ⇒ page 11
- ❑ Connector assigment ⇒ page 12

8 - Differential lock control unit -J187-
- ❑ Location ⇒ page 12
- ❑ Connector assigment ⇒ page 13

9 - Rear right door control unit -J389-
- ❑ Location ⇒ page 13
- ❑ Connector assigment ⇒ page 14



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10 - Fuel pump control unit -J538-

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- Connector assigment ⇒ page 14

11 - Rear left door control unit -J388-

- Location ⇒ page 15
- Connector assigment ⇒ page 16

12 - Driver door control unit -J386-

- Location ⇒ page 16
- Connector assigment ⇒ page 17

13 - Control unit in dash panel insert -J285-

- Location ⇒ page 17
- Connector assigment ⇒ page 18

14 - Airbag control unit -J234-

- Location ⇒ page 19
- Connector assigment ⇒ page 20

15 - Onboard supply control unit -J519-

- Location ⇒ page 20
- Connector assigment ⇒ page 21

16 - ABS control unit -J104-

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- Connector assigment ⇒ page 28

17 - Engine control unit -J623-

- Location ⇒ page 29
- Connector assigment ⇒ page 29

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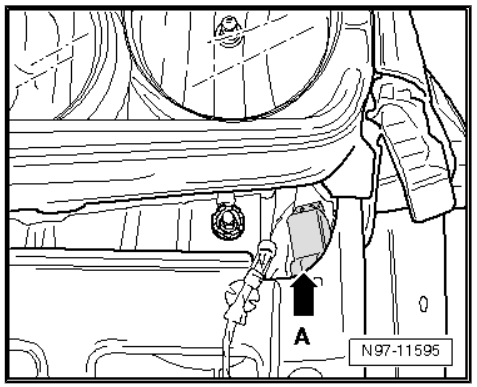
1.1 Automatic glow period control unit -J179-

1.1.1 Location

In front left engine compartment -arrow A-



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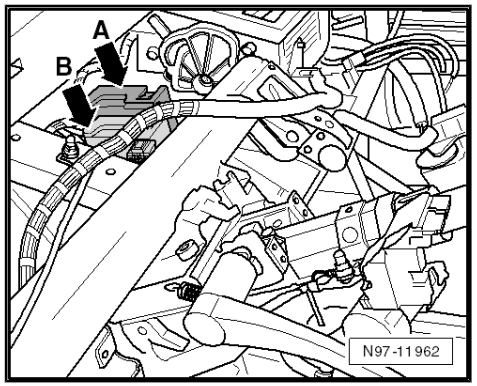
1.2 Trailer detector control unit -J345- and Transfer box control unit -J646-

1.2.1 Location

Transfer box control unit -J646- Left under dash panel
-Arrow A-

Trailer detector control unit -J345- Left under dash panel
-Arrow B-



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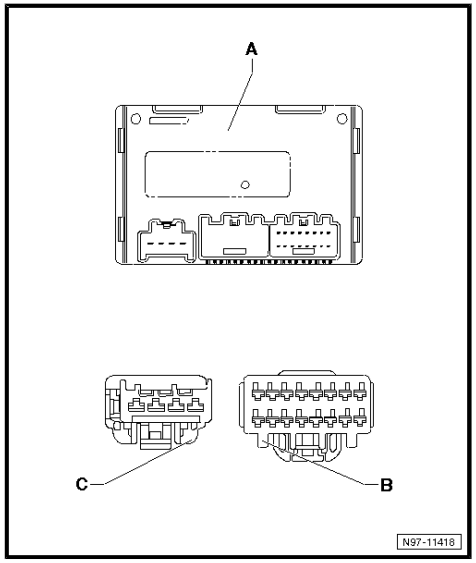
1.2.2 Connector assigment of Transfer box control unit -J646-

A - Transfer box control unit -J646-



1.2.3 Pin connector

B - 16-pin connector -T16a-

C - 4-pin connector -T4d-

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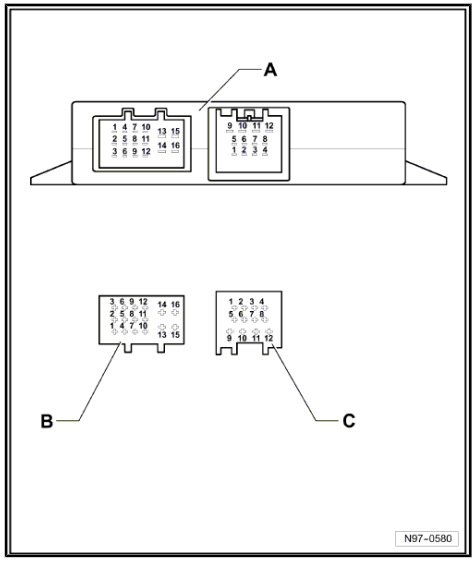
1.2.4 Connector assigment of trailer detector control unit -J345-

A - Trailer detector control unit -J345-



1.2.5 Pin connector

B - 16-pin connector -T16n-

C - 12-pin connector -T12-

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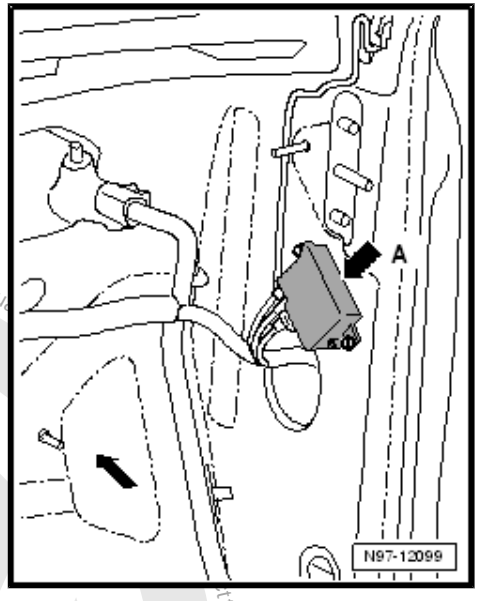
1.3 Parking aid control unit -J446-

1.3.1 Location

on right A-pillar -arrow A-



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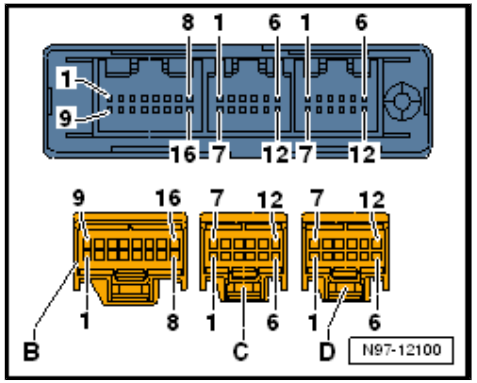
1.3.2 Pin connector



B - 16-pin connector -T16p-

1 - Terminal 15

2 - Rear warning buzzer

3 - Vacant

4 - Button

5 - Vacant

6 - CAN-bus high

7 - Vacant

8 - Terminal 31

9 - Vacant

10 - Rear warning buzzer +12V

11 - Vacant

12 - Vacant

13 - Function display

14 - Vacant

15 - CAN-bus low

16 - Vacant

C - 12-pin connector -T12a-

1 - Front earth transformer

2 - Front voltage transformer

3 - Front warning buzzer

4 - Front warning buzzer +12V

5 - Front left signal

6 - Front centre left signal

7 - Front centre right signal

8 - Front right signal

9 - Vacant

10 - Vacant

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11 - Vacant

12 - Vacant

D - 12-pin connector -T12c-

1 - Vacant

2 - Rear centre right signal

3 - Rear centre left signal

4 - Rear right signal

5 - Rear left signal

6 - Vacant

7 - Vacant

8 - Rear earth

9 - Vacant

10 - Vacant

11 - Rear voltage

12 - Vacant

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1.4 Seat heating control unit -J882-

1.4.1 Location

Under centre dash panel -arrow A-

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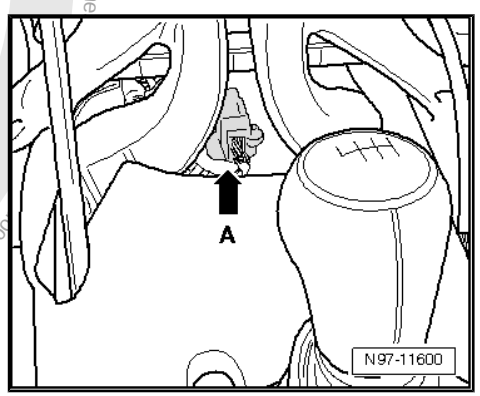

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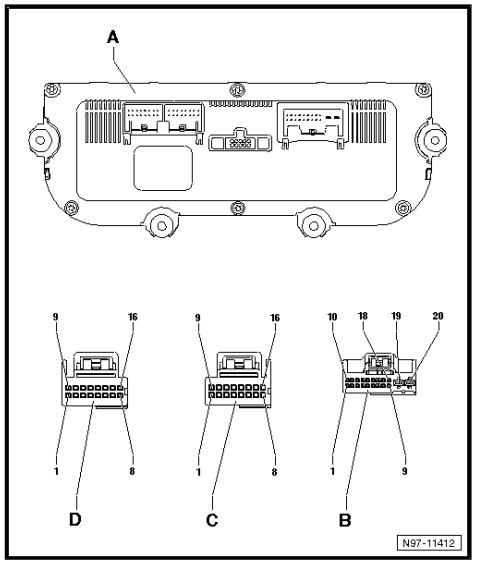
1.5 Climatronic control unit -J255-

1.5.1 Location

in centre dash panel

1.5.2 Connector assigment

A - Climatronic control unit -J255-



1.5.3 Pin connector

B - 20-pin connector -T20a-

C - 16-pin connector -T16l-

D - 16-pin connector -T16m-

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1.6 Air conditioning system control unit -J301-

1.6.1 Location

in centre dash panel

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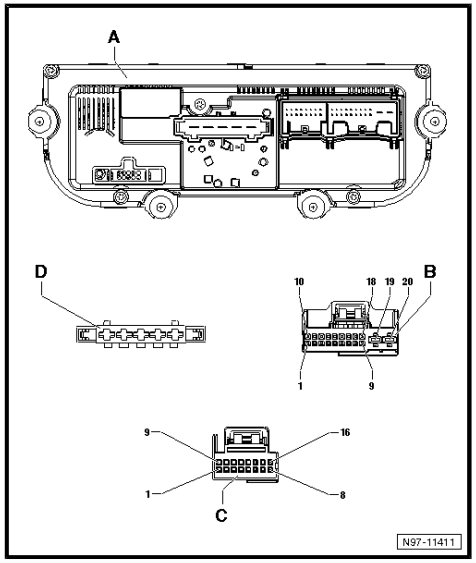
1.6.2 Connector assigment

A - Air conditioning system control unit -J301-



1.6.3 Pin connector

B - 20-pin connector -T20-

C - 16-pin connector -T16k-

D - 5-pin connector -T5n-

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1.7 Heater/heat output switch -E16-

1.7.1 Location

in centre dash panel

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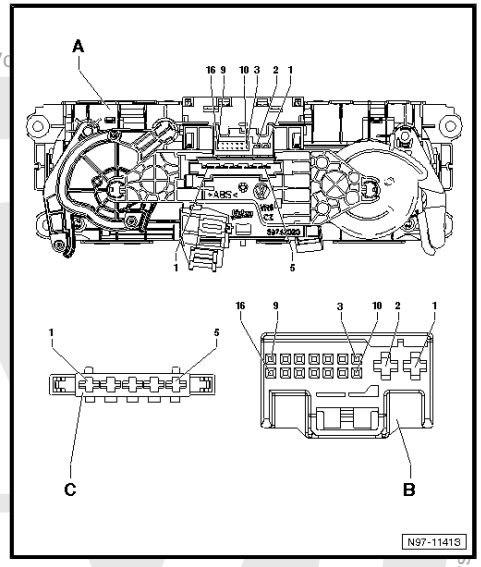
1.7.2 Connector assigment

A - Heater/heat output switch -E16-



1.7.3 Pin connector

B - 16-pin connector -T16g-

C - 5-pin connector -T5-

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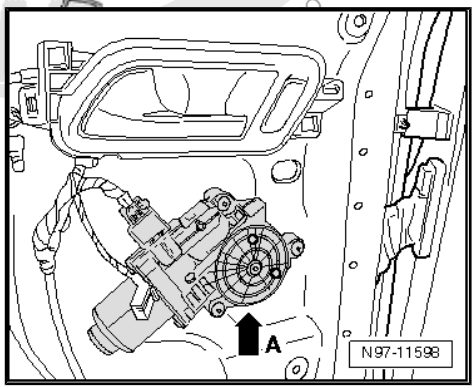
1.8 Front passenger door control unit -J387-

1.8.1 Location

In right front passenger side -arrow A-

Note

The illustration shows the rear left door. The front right door is similar.



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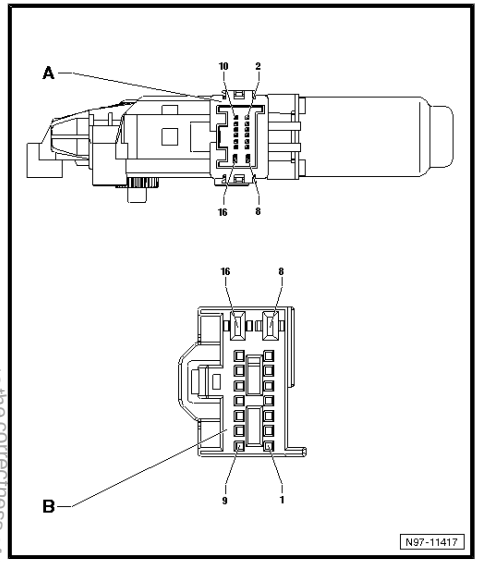
1.8.2 Connector assigment

A - Front passenger door control unit -J387-



1.8.3 Pin connector

B - 16-pin connector -T16f-

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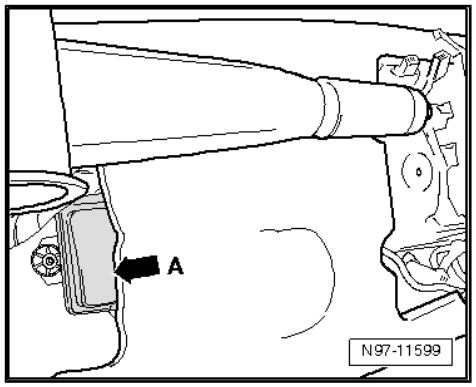
1.9 Differential lock control unit -J187-

1.9.1 Location

under the centre console, near handbrake lever -arrow A-



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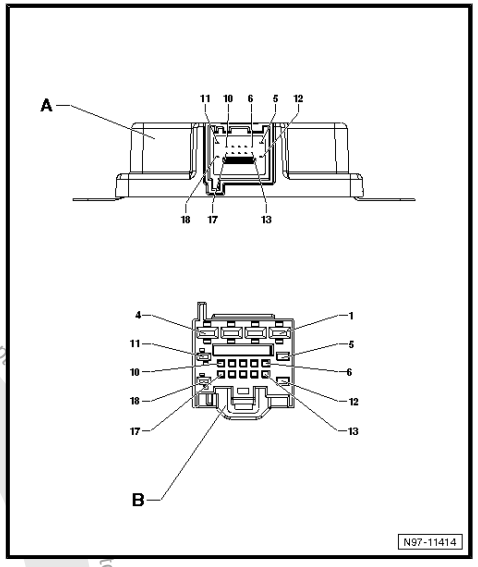
1.9.2 Connector

A - Differential lock control unit -J187-



1.9.3 Pin connector

B - 18-pin connector -T18b-

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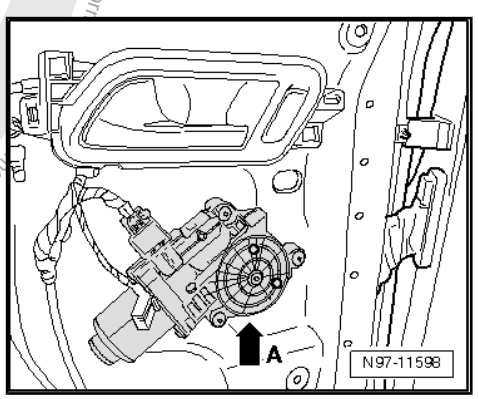
1.10 Rear right door control unit -J389-

1.10.1 Location

in rear right door -arrow A-

Note

The illustration shows the rear left door. The rear right door is similar.



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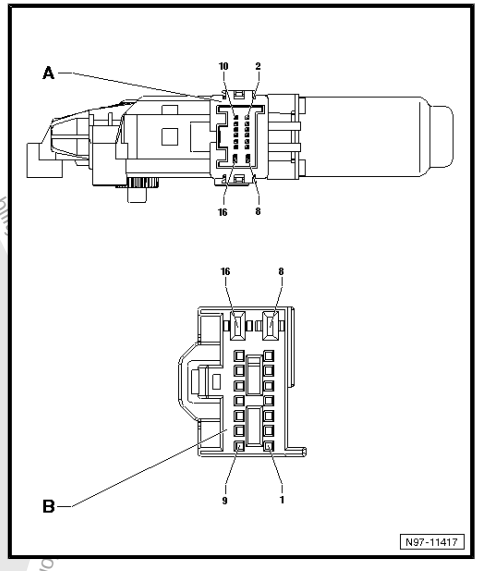
1.10.2 Connector assigment

A - Rear right door control unit -J389-



1.10.3 Pin connector

B - 16-pin connector -T16i-

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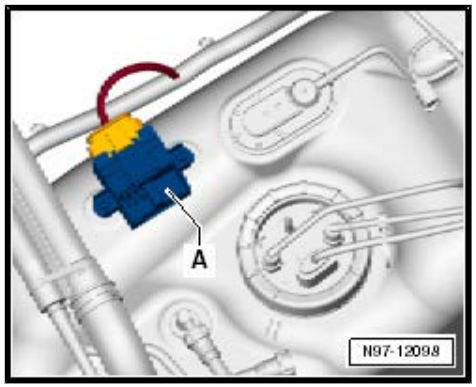
1.11 Fuel pump control unit -J538-

1.11.1 Location

On tank -arrow A-



1.11.2 Connector assigment

A - Fuel pump control unit -J538-

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1.11.3 Pin connector

B - 5-pin connector -T5h-

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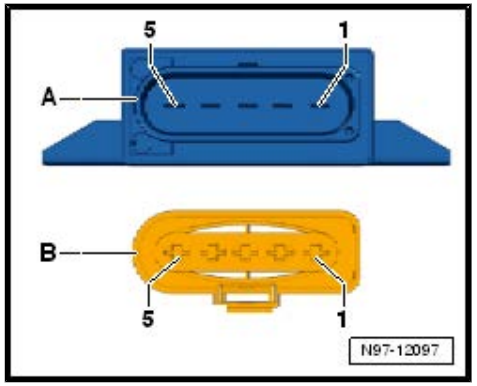
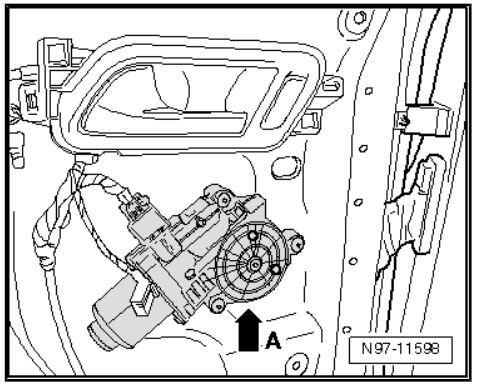


1.12 Rear left door control unit -J388-

1.12.1 Location

in rear left door -arrow A-



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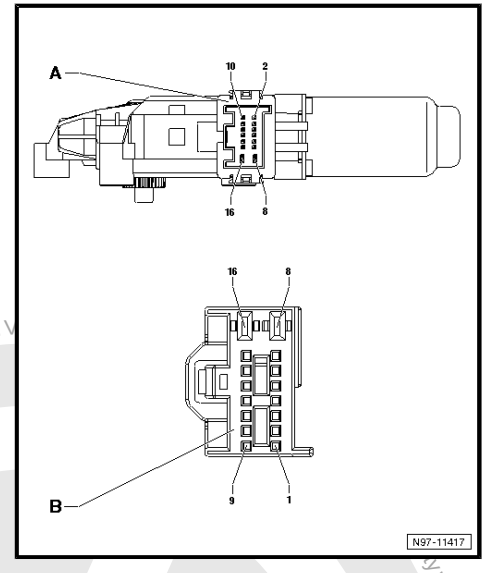
1.12.2 Connector assigment

A - Rear left door control unit -J388-



1.12.3 Pin connector

B - 16-pin connector -T16h-

– Back to overview ⇒ page 1

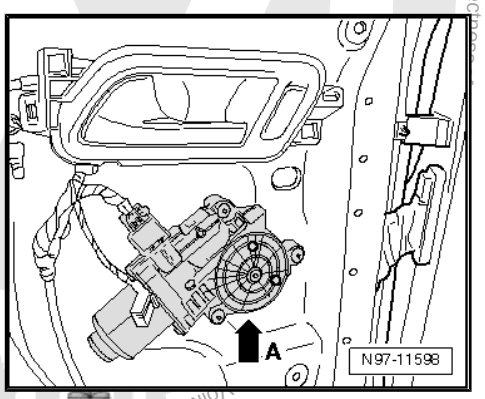
1.13 Driver door control unit -J386-

1.13.1 Location

In the front left door -arrow A-

Note

The illustration shows the rear left door. The front left door is similar.



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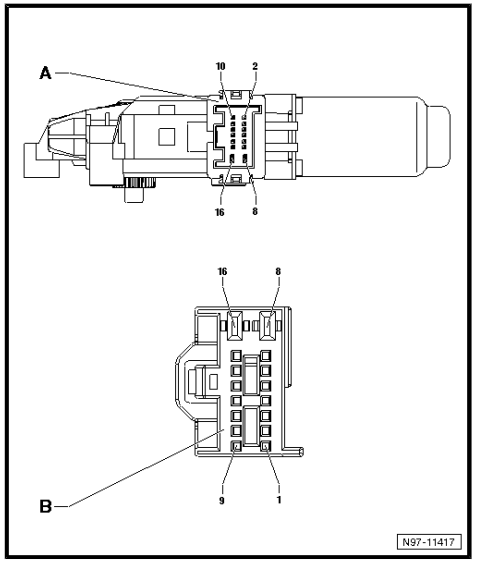
1.13.2 Connector assigment

A - Driver door control unit -J386-



1.13.3 Pin connector

B - 16-pin connector -T16e-

– Back to overview ⇒ page 1

1.14 Control unit in dash panel insert -J285-

1.14.1 Location

on centre dash panel

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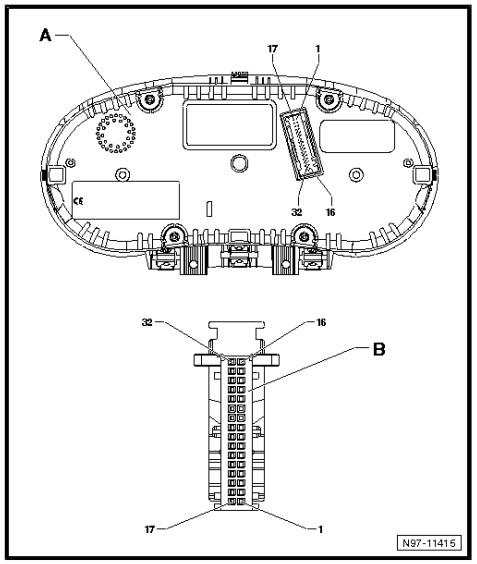
1.14.2 Connector assigment

A - Control unit in dash panel insert -J285-



1.14.3 Pin connector

B - 32-pin connector -T32-

1 - Fuel gauge sender (full)

2 - Fuel gauge sender (empty)

3 - Vacant

4 - Vacant

5 - Vacant

6 - Vacant

7 - Immobilizer reader coil -D2- (1)

8 - Immobilizer reader coil -D2- (2)

9 - Speedometer, output

10 - Vacant

11 - Oil level and oil temperature sender -G266-

12 - Vacant

13 - Rear fog light warning lamp

14 - Main beam warning lamp

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15 - Vacant

16 - Terminal 31

17 - Vacant

18 - Coolant temperature display sender -G2-

19 - Ambient temperature sensor -G17-

20 - Terminal 31, sensor earth

21 - Multifunction switch -F125- (MFI+)

22 - Multifunction switch -F125- (MFI-)

23 - Multifunction switch -F125- (MFI-R)

24 - Vacant

25 - Handbrake warning switch -F321-

26 - Brake fluid level warning contact -F34-

27 - Oil pressure switch -F1-

28 - Diagnostic interface for combi CAN data bus, high

29 - Diagnostic interface for combi CAN data bus, low

30 - Vacant

31 - Voltage supply, terminal 15

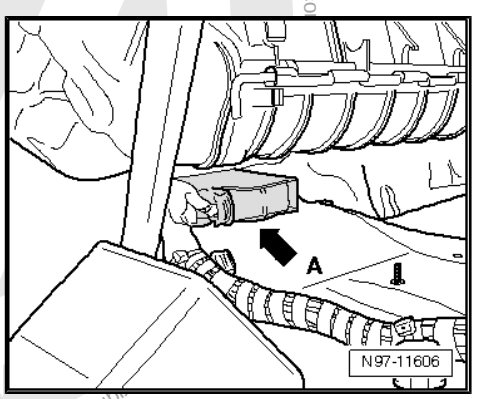
32 - Voltage supply, terminal 30

– Back to overview ⇒ page 1

1.15 Airbag control unit -J234-

1.15.1 Location

Under centre dash panel -arrow A-



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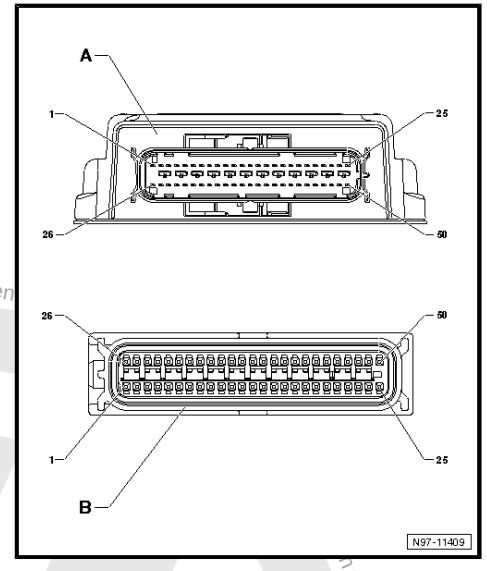
1.15.2 Connector assigment

A - Airbag control unit -J234-



1.15.3 Pin connector

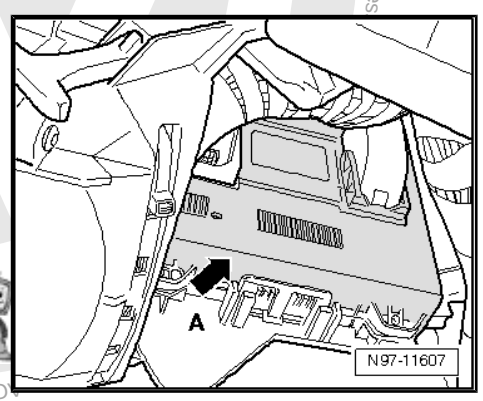
B - 50-pin connector -T50-

– Back to overview ⇒ page 1

1.16 Onboard supply control unit -J519-

1.16.1 Location

Left under dash panel -arrow A-



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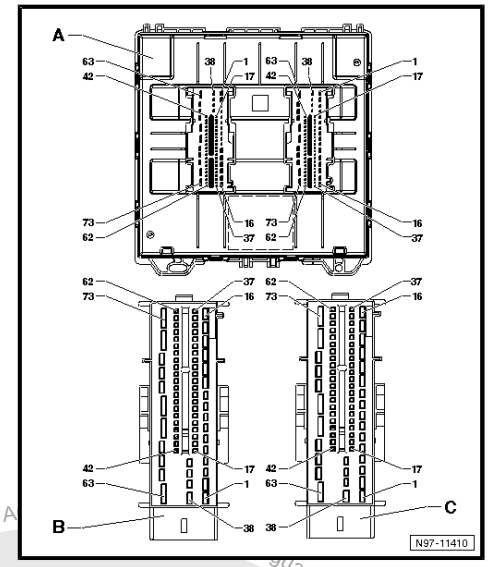
1.16.2 Connector assigment

A - Onboard supply control unit -J519-



1.16.3 Pin connector

B - 73-pin connector -T73a-

Pin		Assignment/Component	Input/Output	Terminal
1	-	Vacant		
2	-	Vacant		
3	-	Vacant		
4	-	Front interior light -W1-	Output	
5	-	Vacant		
6	-	Vacant		
7	-	Vacant		
8	-	Vacant		
9	-	Vacant		
10	-	Vacant		
11	-	Fuel tank filler flap central locking actuato -F219- B214 Connection 1 (central locking), in interior wiring harness	Output	
12	-	Fuel tank filler flap central locking actuato -F219- B466 Connection 2, in main wiring harness	Output	

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Pin		Assignment/Component	Input/Output	Terminal
13	-	Driver door lock unit -VX21- Front passenger door lock unit -VX22- Lock unit, rear left door -VX23- Lock unit, rear right door -VX24- B467 Connection 3, in main wiring harness	Output	
14	-	44 Earth point, lower part of left A-pillar 377 Earth connection 12, in main wiring harness	Input	31
15	-	Front passenger door lock unit -VX22- Lock unit, rear left door -VX23- Lock unit, rear right door -VX24- B215 Connection 2 (central locking), in interior wiring harness	Output	
16	-	Fuse 66 on fuse holder C -SC66- Ignition/starter switch -D- A104 Positive connection 2 (15), in dash panel wiring harness	Input	30ZV
17	-	Lock unit, rear left door -VX23-	Input	
18		Lock unit, rear right door -VX24-	Input	
19	-	Driver door lock unit -VX21-	Input	
20	-	Front passenger door lock unit -VX22-	Input	
21	-	Front passenger door lock unit -VX22-	Input	
22	-	Driver door lock unit -VX21-	Input	
23	-	Vacant		
24	-	Driver door lock unit -VX21-	Input	
25	-	Central locking button -E600-	Input	
26	-	Lock unit, rear right door -VX24-	Input	
27	-	Bonnet contact switch -F266-	Input	
28	-	Hazard warning lights button -E229-	Input	
29	-	Steering column electronics control unit -J527- B572 Connection 39, in main wiring harness	Input	
30	-	Vacant		
31	-	Vacant		
32	-	Steering column electronics control unit -J527-	Input	
33	-	Steering column electronics control unit -J527-	Input	
34	-	Lock unit, rear left door -VX23-	Input	
35	-	Vacant		

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Pin		Assignment/Component	Input/Output	Terminal
36	-	Seat heating control unit -J882-	Output	
37	-	Vacant		
38	-	Driver side heated exterior mirror -Z4- Front passenger side heated exterior mirror -Z5-	Output	
39	-	Vacant		
40	-	Right tail light bulb -M2- Right side light bulb -M3-	Output	58r
41	-	Left side light bulb -M1- Left tail light bulb -M4-	Output	58l
42	-	Radio -R- B489 Connection 25, in main wiring harness	Input	
43	-	Brake light switch -F- ABS control unit -J104- Engine control unit -J623- B482 Connection 18, in main wiring harness	Input	
44	-	Ignition/starter switch -D- A104 Positive connection 2 (15), in dash panel wiring harness	Input	
45	-	Fuse 17 on fuse holder C -SC17-	Input	
46	-	Vacant		
47	-	Vacant		
48	-	Vacant		
49	-	Vacant		
50	-	Vacant		
51	-	Vacant		
52	-	Vacant		
53	-	Vacant		
54	-	Vacant		
55	-	Vacant		
56	-	Hazard warning lights button -E229-	Output	
57	-	Vacant		
58	-	Central locking deadlock function warning lamp -SAFE- -K133-	Output	
59	-	Vacant		
60	-	Heated rear window button -E230-	Output	

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Pin		Assignment/Component	Input/Output	Terminal
61	-	Vacant		
62	-	Vacant		
63	-	Vacant		
64	-	Fuse 19 on fuse holder C -SC19- (Driver side heated exterior mirror -Z4- and front passenger side heated exterior mirror -Z5-)	Input	
65	-	Front interior light -W1-	Output	30G
66	-	Fuse 21 on fuse holder C -SC21- (front interior light -W1-)	Input	30
67	-	Vacant		
68	-	Fuse 43 on fuse holder C -SC43- (Windscreen wiper motor -V-)	Input	30
69	-	Windscreen wiper motor -V-	Output	
70	-	371 Earth connection 6, in main wiring harness 32 Earth point, on left behind dash panel insert 42 Earth point, next to steering column	Input	31
71	-	Windscreen wiper motor -V-	Output	
72	-	Horn or dual tone horn -H1-	Output	
73	-	Fuse 47 on fuse holder C -SC47- (Treble tone horn -H2- and bass tone horn -H7-)	Input	30

C - 73-pin connector -T73b-

Pin		Assignment/Component	Input/Output	Terminal
1	-	Vacant		
2	-	Vacant		
3	-	Vacant		
4	-	Vacant		
5	-	Vacant		
6	-	Vacant		
7	-	Vacant		
8	-	Vacant		
9	-	Vacant		
10	-	Vacant		
11	-	Vacant		

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Pin		Assignment/Component	Input/Output	Terminal
12	-	Vacant		
13	-	Fuse 4 on fuse holder C -SC4- (Left brake light bulb -M9- , right brake light bulb -M10- and high level brake light bulb -M25-)	Input	30
14	-	Front left turn signal bulb -M5- Rear left turn signal bulb -M6- Left side mounted turn signal bulb -M18- B469 Connection 5, in main wiring harness	Output	L
15	-	Front right turn signal bulb -M7- Rear right turn signal bulb -M8- Right side mounted turn signal bulb -M19- B470 Connection 6, in main wiring harness	Output	R
16	-	Left brake light bulb -M9- Right brake light bulb -M10- High level brake light bulb -M25- B335 Connection 1 (54), in main wiring harness	Output	54
17	-	Driver door control unit -J386- Front passenger door control unit -J387- Rear left door control unit -J388- Rear right door control unit -J389- B528 Connection 1 (LIN bus), in main wiring harness		LIN
18		B390 Connection 1 (drive train CAN bus, low), in main wiring harness		CAN-L
19	-	B383 Connection 1 (drive train CAN bus, high), in main wiring harness		CAN-H
20	-	A146 Connection (convenience CAN bus, high), in dash panel wiring harness		CAN-H
21	-	A147 Connection (convenience CAN bus, low), in dash panel wiring harness		CAN-L
22	-	16-pin connector -T16/14- (diagnosis connection)		CAN-L
23	-	16-pin connector -T16/6- (diagnosis connection)		CAN-H
24	-	Vacant		
25	-	Vacant		
26	-	Vacant		
27	-	Windscreen wiper switch -E- (speed 1) Steering column electronics control unit -J527-	Input	
28	-	Vacant		
29	-	Vacant		

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Pin		Assignment/Component	Input/Output	Terminal
30	-	Vacant		
31	-	Heated rear window button -E230-	Input	
32	-	Windscreen wiper motor -V-	Input	
33	-	Vacant		
34	-	Fuse 28 on fuse holder C -SC28- Light switch -E1- Switches and instruments illumination regulator -E20- B472 Connection 8, in main wiring harness	Input	58d
35	-	Vacant		
36	-	Alarm horn -H12-		LIN
37	-	Vacant		
38	-	372 Earth connection 7, in main wiring harness 44 Earth point, lower part of left A-pillar	Input	31
39	-	Fuse 20 on fuse holder C -SC20- (Internal supply)	Input	30
40	-	Vacant		
41	-	Vacant		
42	-	Vacant		
43	-	Vacant		
44	-	Cruise control system switch -E45-	Input	CCS - Set
45	-	B441 Connection (CCS), in main wiring harness	Input	
46	-	Cruise control system switch -E45-	Input	CCS - Res
47	-	Cruise control system switch -E45- Airbag coil connector and return spring with slip ring -F138-	Input	CCS - Cancel
48	-	Reversing light switch -F4- Right reversing light bulb -M17- W3 Connection, in rear wiring harness	Input	
49	-	Alternator -C- Voltage regulator -C1- B569 Connection 36, in main wiring harness	Input	61
50	-	Ignition/starter switch -D- Starter motor relay -J53- A57 Positive connection 3 (30), in dash panel wiring harness	Input	50

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Pin		Assignment/Component	Input/Output	Terminal
51	-	Ignition/starter switch -D- Current supply relay -J16- Voltage supply relay 2 -J710- B490 Connection 26, in main wiring harness	Input	75X
52	-	Vacant		
53	-	Steering column electronics control unit -J527- Windscreen wiper switch -E- (speed 2)	Input	S2
54	-	Vacant		
55	-	Vacant		
56	-	Vacant		
57	-	Vacant		
58	-	Mirror adjustment switch -E43-	Input	
59	-	Fuse 4 on fuse holder B -SB4- (Reference battery voltage)	Input	30
60	-	Heated rear window button -E230-	Input	31
61	-	Washer pump -V5- Steering column electronics control unit -J527- B480 Connection 16, in main wiring harness	Input	
62	-	Intermittent wiper regulator -E38-	Input	INT
63	-	Heated rear window -Z1-	Output	
64	-	Vacant		
65	-	Vacant		
66	-	Vacant		
67	-	Fuse 44 on fuse holder C -SC44- (Heated rear window -Z1-)	Input	30
68	-	Vacant		
69	-	Vacant		
70	-	Vacant		
71	-	Vacant		
72	-	Vacant		
73	-	Vacant		

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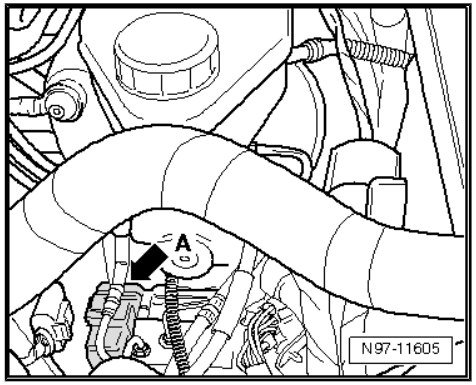
1.17 ABS control unit -J104-

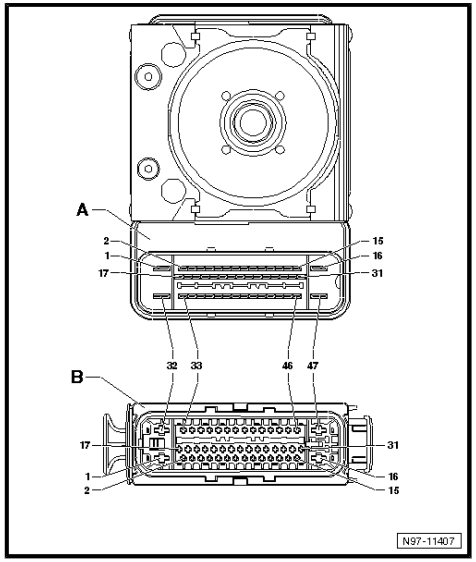
1.17.1 Location

In front left engine compartment -arrow A-



1.17.2 Connector assigment

A - ABS control unit -J104-



1.17.3 Pin connector

B - 47-pin connector -T47-

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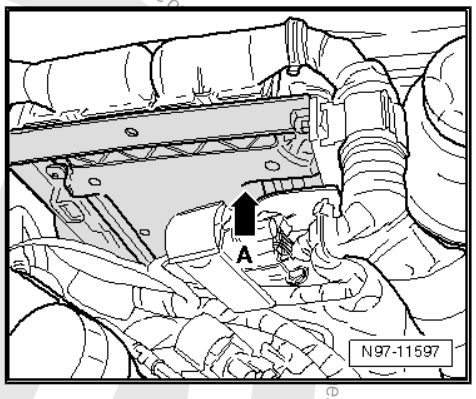
1.18 Engine control unit -J623-

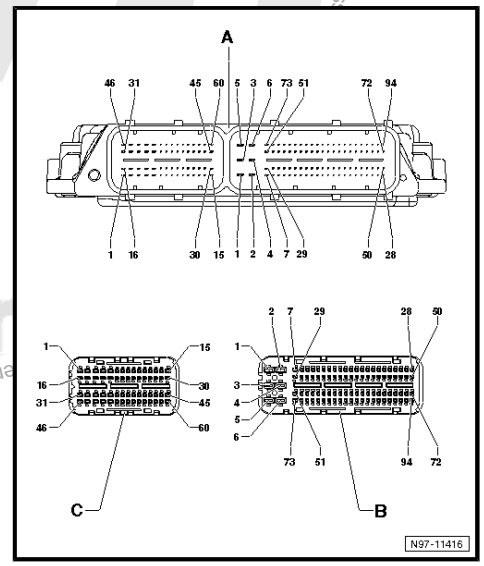
1.18.1 Location

In front left engine compartment -arrow A-



1.18.2 Connector assigment

A - Engine control unit -J623-



1.18.3 Pin connector

B - 94-pin connector -T94- or -T94a-

C - 60-pin connector -T60-

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1 Overview of coupling stations

1 - Coupling station in front left engine compartment on radiator cowling
- ❑ Location ⇒ page 4
- ❑ 4-pin connector -T4-

2 - Coupling station on centre lock carrier
- ❑ Location ⇒ page 4
- ❑ 3-pin connector -T3y-

3 - Coupling station in engine compartment, front right, near air filter box (diesel engine)
- ❑ Location ⇒ page 5
- ❑ 2-pin connector -T2q-
- ❑ 2-pin connector -T2r-
- ❑ 2-pin connector -T2s-
- ❑ 6-pin connector -T6t-

4 - Coupling station in engine compartment, front right, near air filter box (petrol engine)
- ❑ Location ⇒ page 5
- ❑ 6-pin connector -T6q-

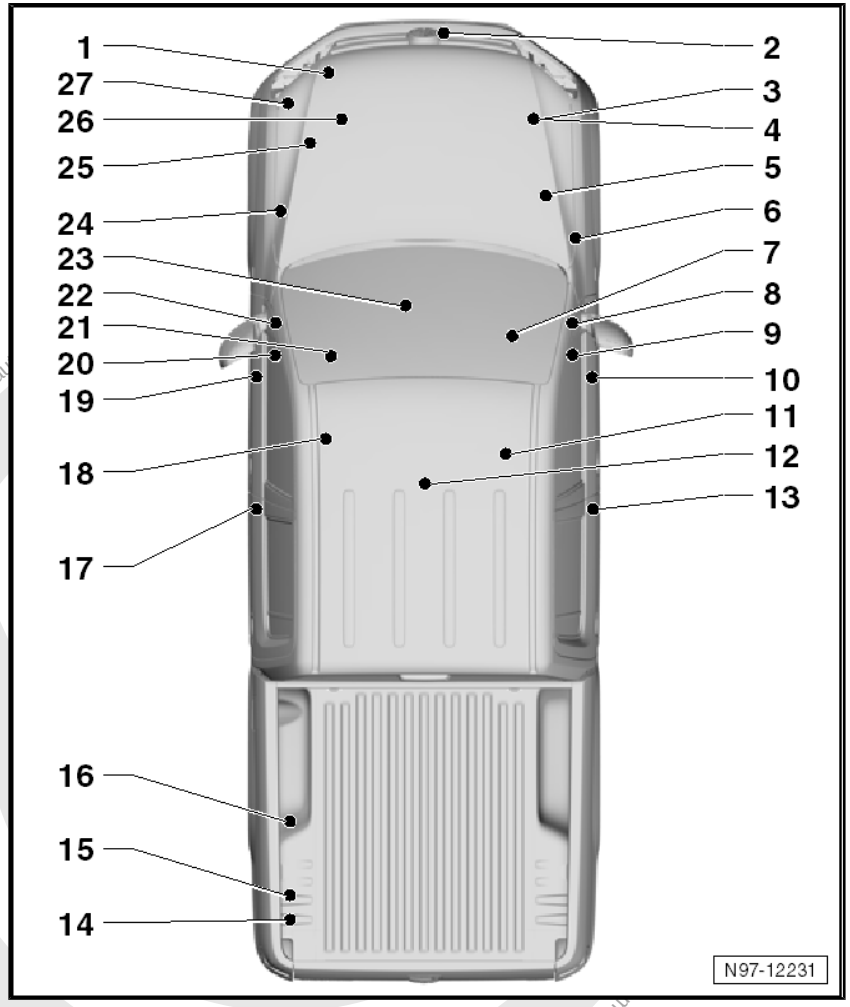
5 - Coupling station right in engine compartment, behind air filter box
- ❑ Location ⇒ page 6
- ❑ 4-pin connector -T4f-

6 - Coupling station right in engine compartment, behind air filter box
- ❑ Location ⇒ page 6
- ❑ 8-pin connector -T8f-

7 - Coupling station in right of A-pillar
- ❑ Location ⇒ page 6
- ❑ 28-pin connector -T28b-

8 - Coupling station on blower box
- ❑ Location ⇒ page 7
- ❑ 21-pin connector -T21-

9 - Coupling station in A-pillar, right door
- ❑ Location ⇒ page 7
- ❑ 2-pin connector -T2o-



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10 - Coupling station in front passenger door

- Location ⇒ page 7
- 6-pin connector -T6aa-

11 - coupling station front passenger seat

- Location ⇒ page 8
- 2-pin connector -T2bl-
- 3-pin connector -T3l-
- 6-pin connector -T6w-

12 - Coupling station near centre underbody

- Location ⇒ page 8
- 42-pin connector -T42-

13 - Coupling station, rear right B-pillar

- Location ⇒ page 8
- 28-pin connector -T28c-

14 - Coupling station on rear of left longitudinal member

- Location ⇒ page 9
- 6-pin connector -T6bi-

15 - Coupling station on rear of left longitudinal member

- Location ⇒ page 9
- 14-pin connector -T14-

16 - Coupling station on rear left wheel housing

- Location ⇒ page 9
- 2-pin connector -T2am-
- 2-pin connector -T2al-

17 - Coupling station, rear left B-pillar

- Location ⇒ page 10
- 28-pin connector -T28-

18 - coupling station driver seat

- Location ⇒ page 10
- 2-pin connector -T2bk-
- 3-pin connector -T3k-
- 6-pin connector -T6r- and -T6v-

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19 - Coupling station in driver door

- Location ⇒ page 10
- 2-pin connector -T2au-
- 6-pin connector -T6ae-

20 - Coupling station in left of A-pillar

- Location ⇒ page 11
- 2-pin connector -T2m-

21 - Coupling station blocking diode

- Location ⇒ page 11
- Single connector -T1d- and -T1e-

22 - Coupling station in left of A-pillar

- Location ⇒ page 11
- 28-pin connector -T28a-

23 - Coupling station in centre console

- Location ⇒ page 12
- 3-pin connector -T3h-

24 - Coupling station in engine compartment, front left

- Location ⇒ page 12
- 3-pin connector -T3e-

25 - Coupling station in engine compartment, front left, near brake master cylinder

- Location ⇒ page 12
- 2-pin connector -T18- and -T18a-

26 - Coupling station in left engine compartment, centre

- Location ⇒ page 13
- 3-pin connector -T3r-

27 - Front left coupling station, before headlight

- Location ⇒ page 13
- 6-pin connector -T6bh-

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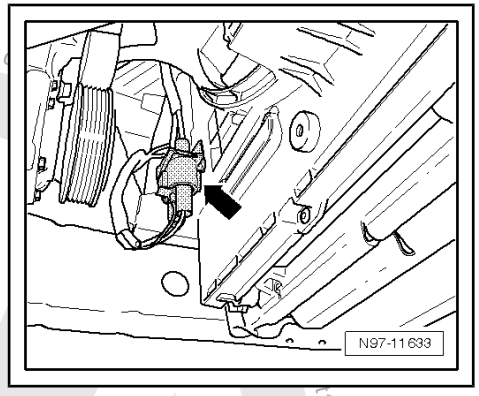
1.1 Coupling station in front left engine compartment on radiator cowling

Pfeil - 4-pin connector -T4- , black, in front left engine compartment on radiator cowling



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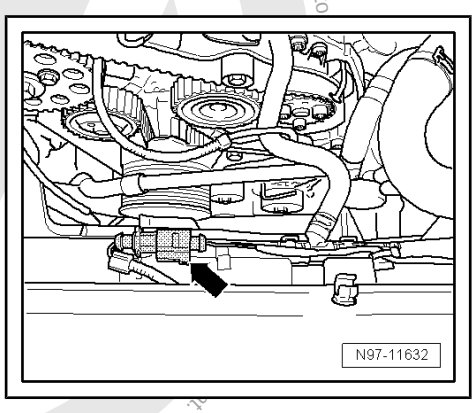
1.2 Coupling station on bumper centre front

Pfeil - 3-pin connector -T3y- , black, on upper centre lock carrier



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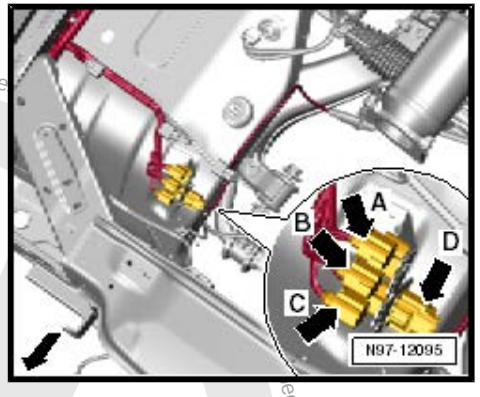
1.3 Coupling station in engine compartment, front right, near air filter box (diesel engine)

Pfeil A - 2-pin connector -T2q- , black, in engine compartment, front right, near air filter box

Pfeil B - 2-pin connector -T2r- , orange, in engine compartment, front right, near air filter box [1)]

Pfeil C - 2-pin connector -T2s- , brown, in engine compartment, front right, near air filter box [1)]

Pfeil D - 6-pin connector -T6t- , black, in engine compartment, front right, near air filter box [1)]



Note

1) - exhaust concept Euro 5 only

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1.4 Coupling station in engine compartment, front right, near air filter box (petrol engine)

Pfeil D - 6-pin connector -T6q- , black, in engine compartment, front right, near air filter box

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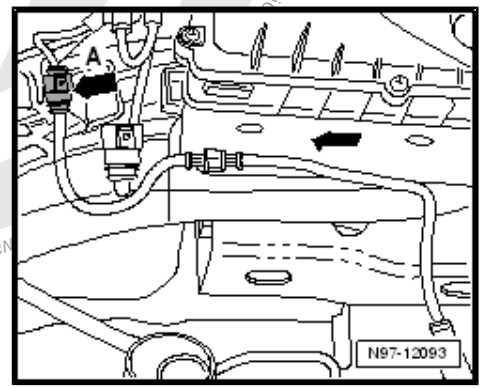

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1.5 Coupling station right in engine compartment, behind air filter box

Pfeil - 4-pin connector -T4f- , black, coupling station right in engine compartment, behind air filter box

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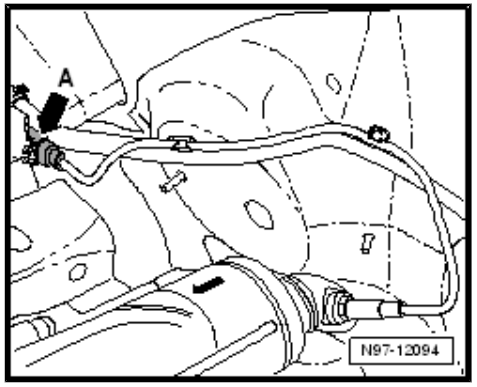

1.6 Coupling station right in engine compartment, behind air filter box

Pfeil - 8-pin connector -T8f- , black, in front right engine compartment on the wheel arch

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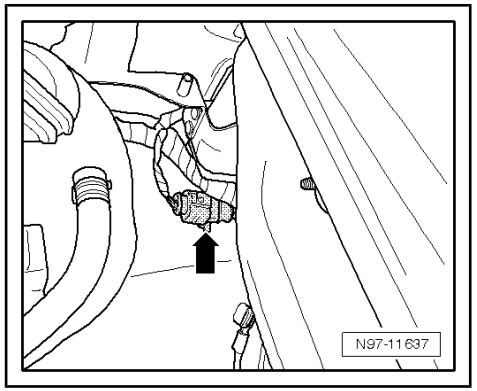

1.7 Coupling station in the A-pillar front right door

Pfeil - 28-pin connector -T28b- , red, in right of A-pillar

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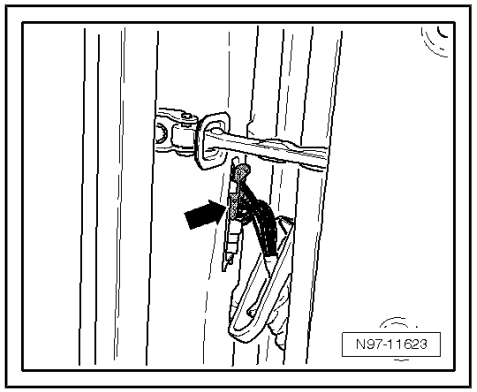

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1.8 Coupling station on blower box

Pfeil - 21-pin connector -T21- , black, on blower box below the dash panel on right

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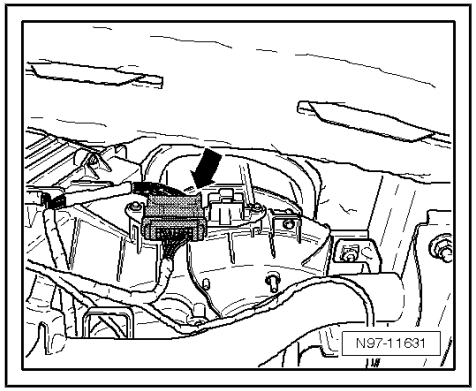

1.9 Coupling station in right of A-pillar

Pfeil - 2-pin connector -T2o- , black, in right of A-pillar

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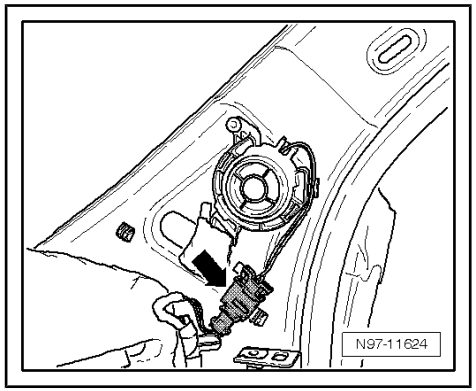

1.10 Coupling station in front passenger door

Pfeil - 6-pin connector -T6aa- , blue, in front passenger door

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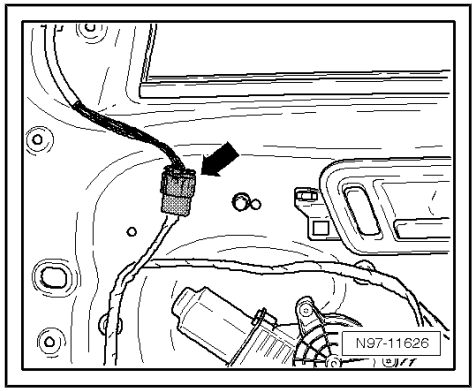

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1.11 coupling station front passenger seat

Pfeil A - 2-pin connector -T2bl- , black, under front passenger seat on front right

Pfeil B - 6-pin connector -T6w- , black, under front passenger seat on front right

Pfeil C - 3-pin connector -T3l- , yellow, under front passenger seat on front right

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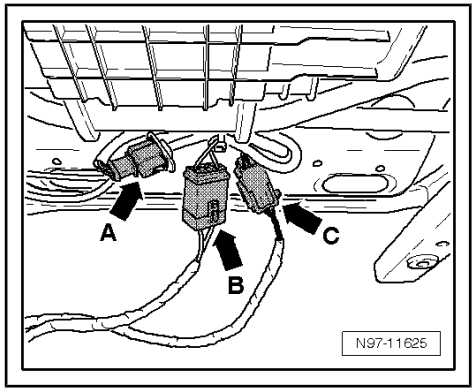

1.12 Coupling station near centre underbody

Pfeil - 42-pin connector -T42- , black, under the centre console, near handbrake lever

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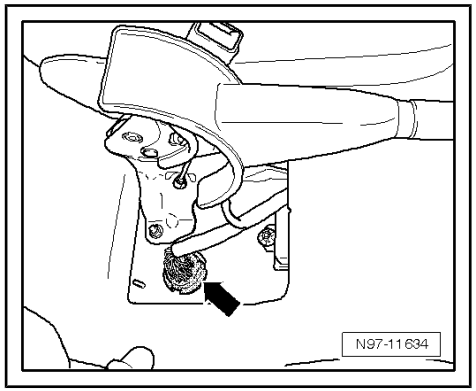

1.13 Coupling station, rear right door B-pillar

Pfeil - 28-pin connector -T28c- , red, in right door of B-pillar

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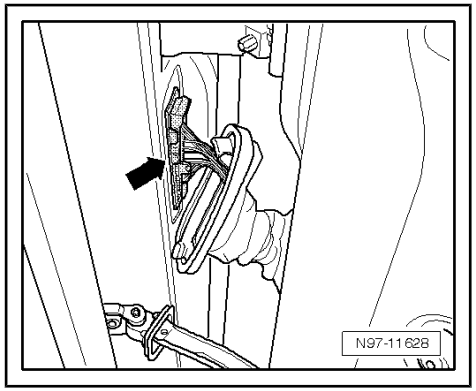

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1.14 Coupling station on rear of left longitudinal member

Pfeil A - 6-pin connector -T6bi- , black, on rear of left longitudinal member

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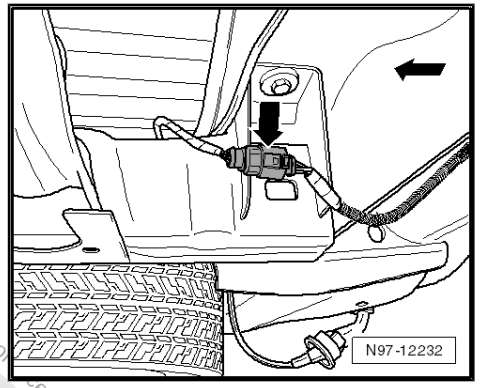

1.15 Coupling station on rear of left longitudinal member

Pfeil A - 14-pin connector -T14- , black, rear of left longitudinal member on fuel tank

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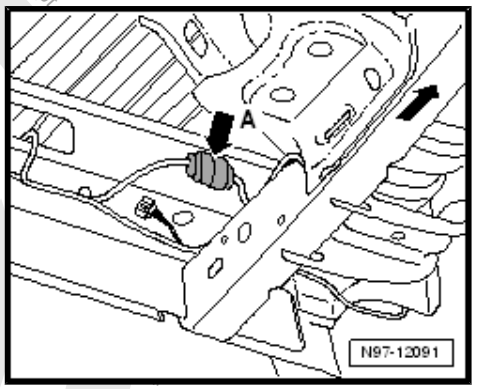

1.16 Coupling station on rear left wheel housing

Pfeil A - 2-pin connector -T2am- , black, behind rear left wheel housing

Pfeil B - 2-pin connector -T2al- , black, on rear left wheel housing

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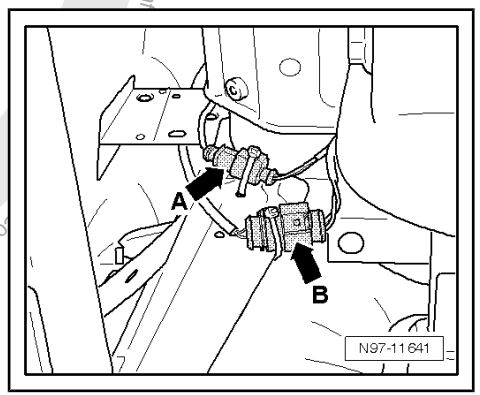

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1.17 Coupling station, rear door left B-pillar

Pfeil - 28-pin connector -T28- , red, in rear left door of B-pillar

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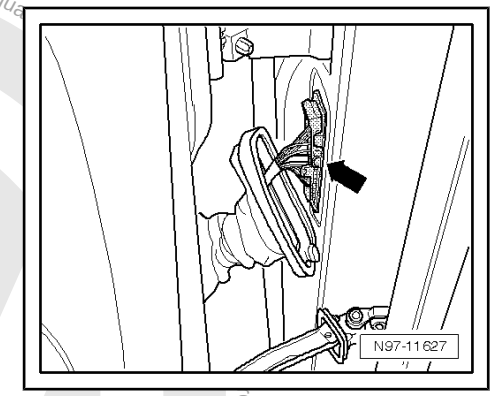

1.18 coupling station driver seat

Pfeil A - 3-pin connector -T3k- , yellow, under driver seat on front left

Pfeil B - 2-pin connector -T2bk- , black, under driver seat on front left

Pfeil C - 6-pin connector -T6r- , black, under driver seat on front left

Pfeil D - 6-pin connector -T6v- , black, under driver seat on front left

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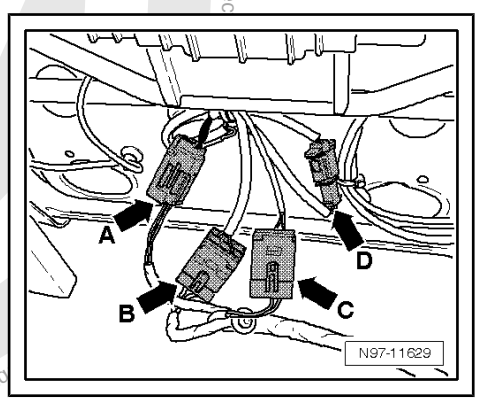

1.19 Coupling station in driver door

Pfeil A - 6-pin connector -T6ae- , blue, in driver door

Pfeil B - Single connector -T2au- , white, in driver door

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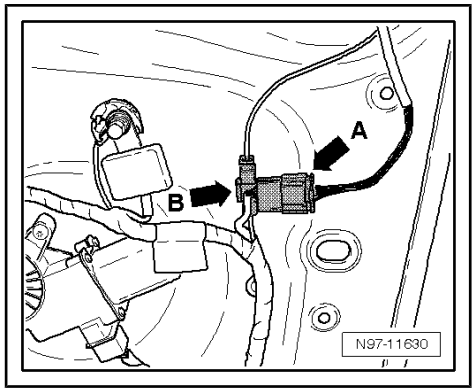

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1.20 Coupling station in left of A-pillar

Pfeil - 2-pin connector -T2m- , black, in left of A-pillar

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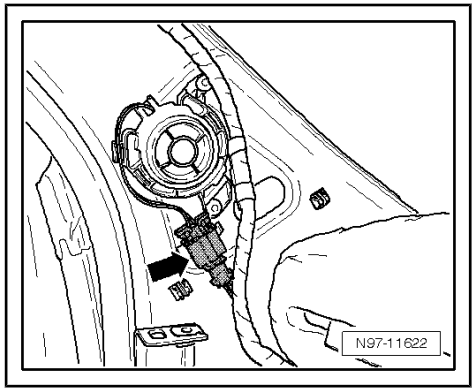

1.21 Coupling station blocking diode

Pfeil A - Single connector -T1e- , red, front left under dash panel

Pfeil B - Single connector -T1d- , red, front left under dash panel

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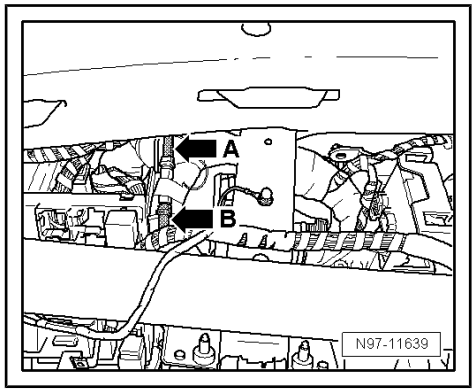

1.22 Coupling station in the A-pillar front left door

Pfeil - 28-pin connector -T28a- , black, in left door of A-pillar

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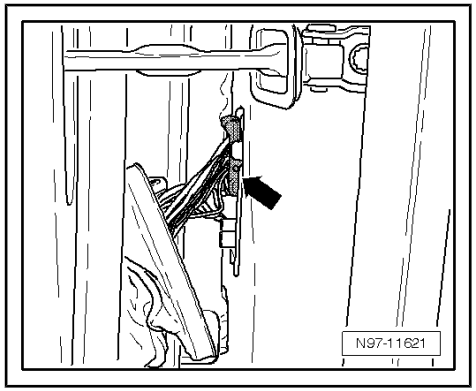

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1.23 Coupling station in centre console

Pfeil - 3-pin connector -T3h- , white, in centre console

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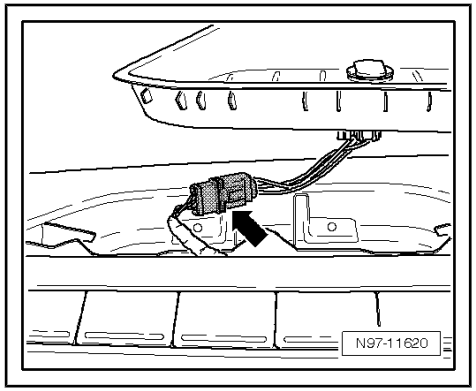

1.24 Coupling stations in rear left of engine compartment

Pfeil - 3-pin connector -T3e- , black, in front left engine compartment behind the battery

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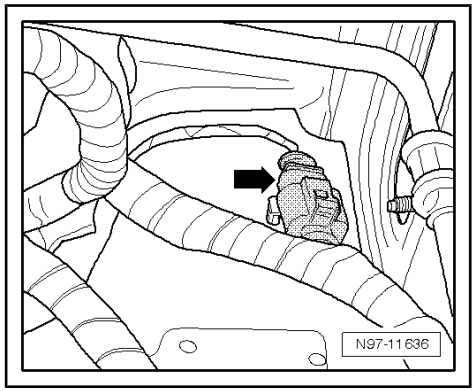

1.25 Coupling station in engine compartment, front left, near brake master cylinder

Pfeil A - 18-pin connector -T18a- , grey, in engine compartment, front left

Pfeil B - 18-pin connector -T18- , black, in engine compartment, front left

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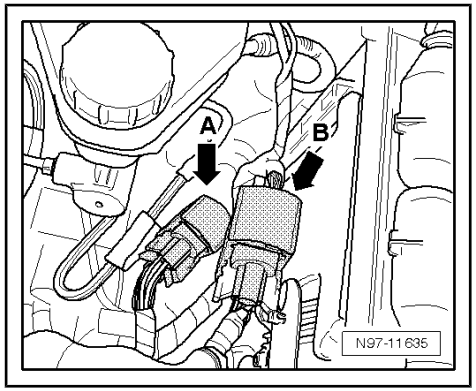

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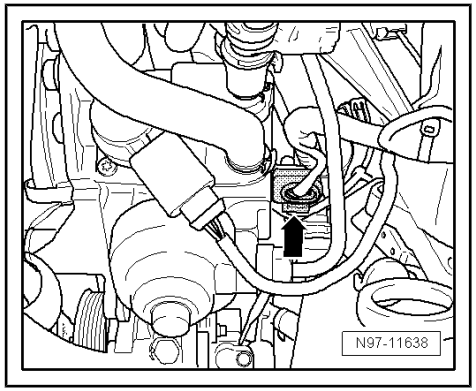
1.26 Coupling station in left engine compartment, centre



Pfeil - 3-pin connector -T3r- , black, in front left engine compartment next to gauge stick

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1.27 Front left coupling station, before headlight

- - 6-pin connector -T6bh- , black, front left before headlight

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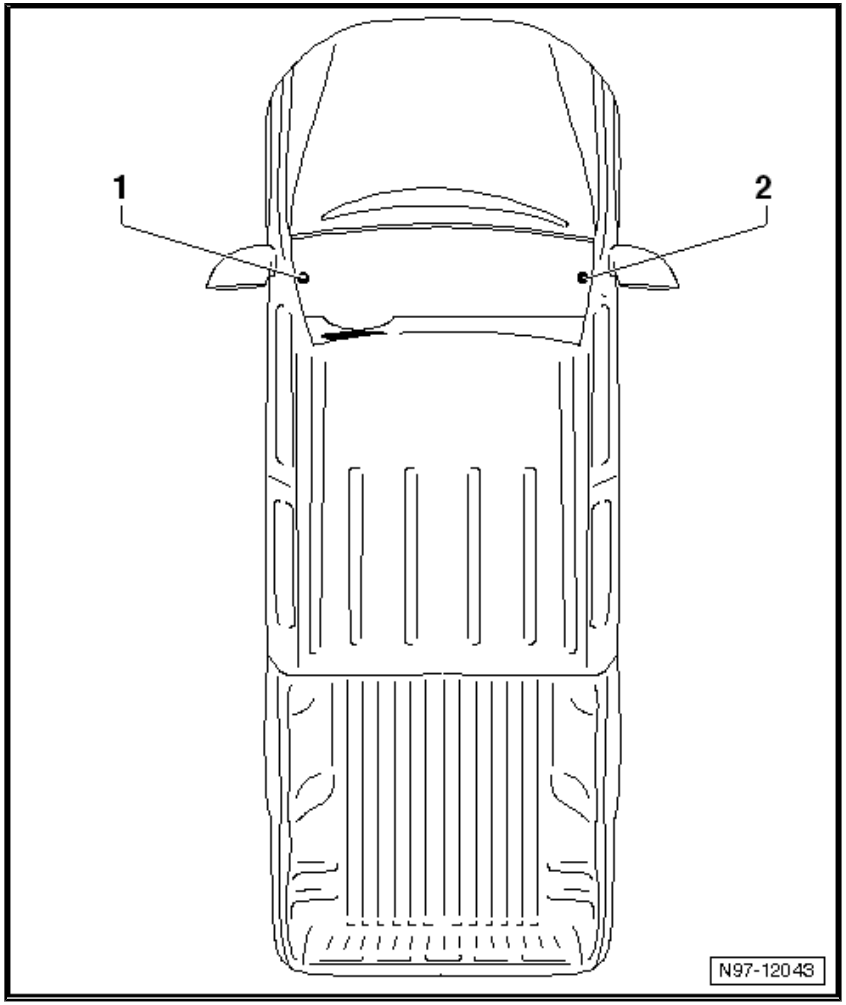
1 Overview of relay carrier

1 - Relay carrier on left under dash panel (left-hand drive)

- ❑ Relay positions ⇒ page 2

2 - Relay carrier on right under dash panel (right-hand drive)

- ❑ Relay positions ⇒ page 3



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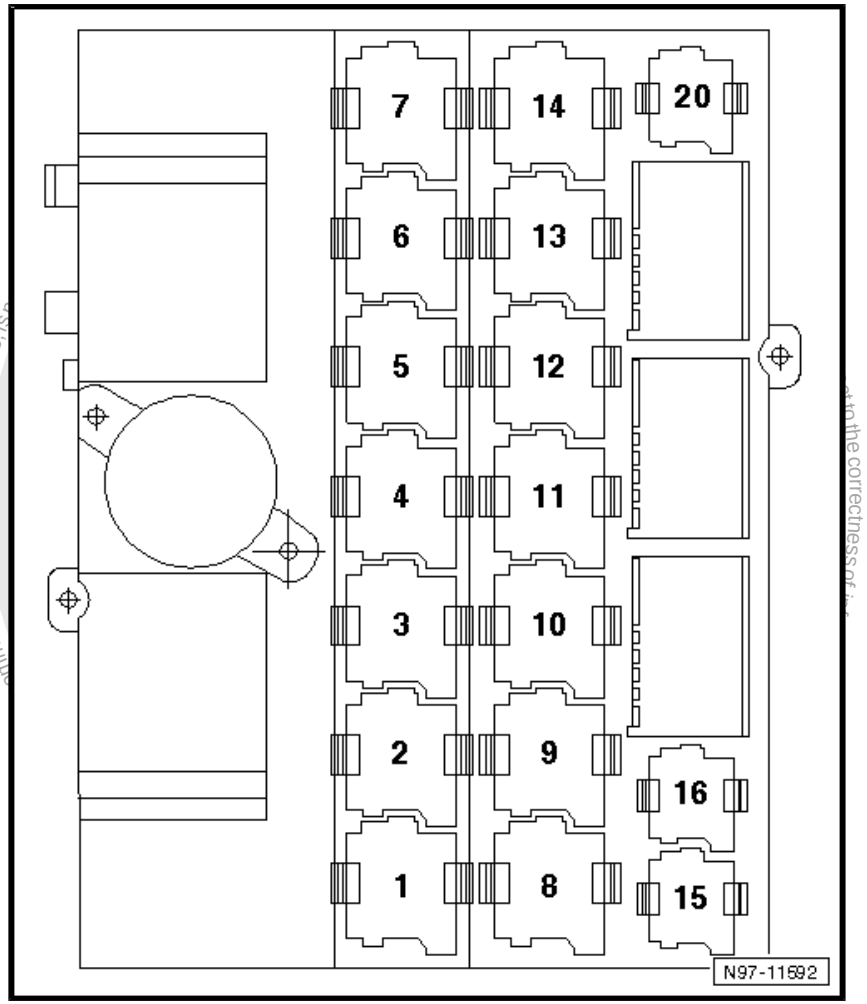
1.1 Relay carrier on left under dash panel (left-hand drive)

1.1.1 Relay positions

1 - Auxiliary coolant heater relay -J493- (404)
2 - Voltage supply relay 1 -J701- (53)
3 - Fuel pump relay -J17- (404)
3 - Terminal 30 voltage supply relay -J317- (404)
4 - Starter motor relay -J53- (53)
5 - Vacant
6 - Vacant
7 - Vacant
8 - Coolant pump relay -J235-
9 - Voltage supply relay 2 -J710- (53)
10 - Terminal 15 voltage supply relay -J329- (100)
11 - Vacant
12 - Vacant
13 - Vacant
14 - Vacant
15 - Current supply relay -J16- (100)
16 - Terminal 58b relief relay -J374- (449)
20 - Main relay -J271- (643)



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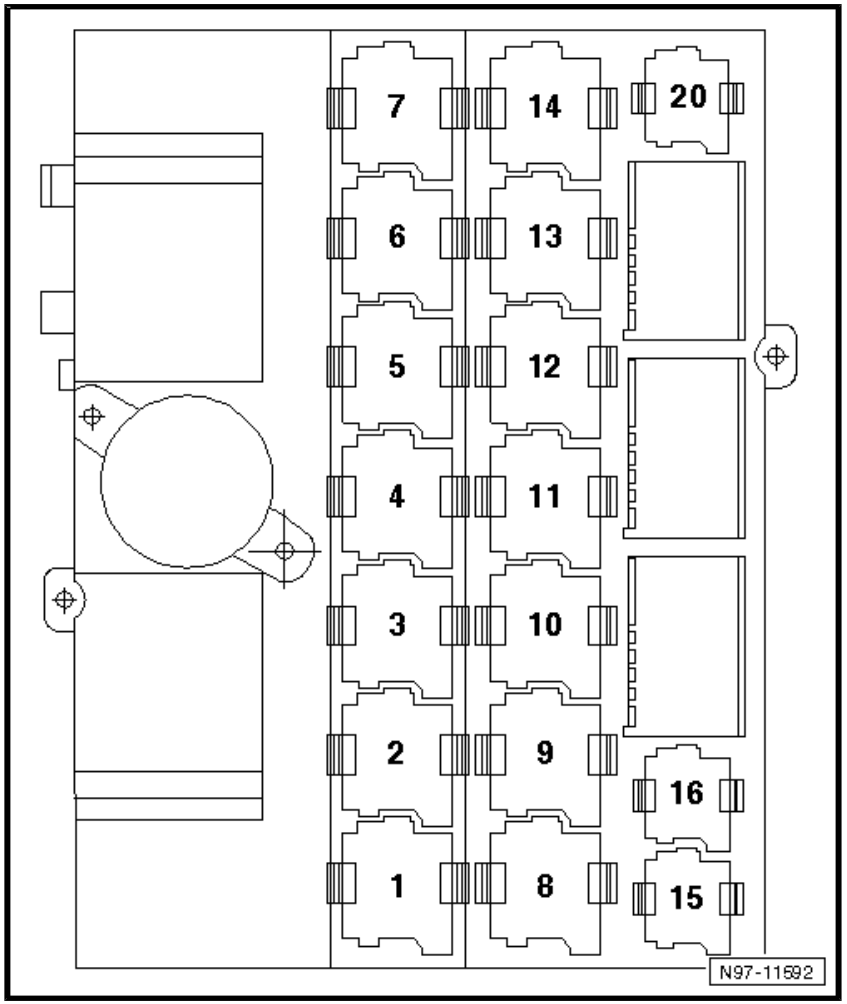
1.2 Relay carrier on right under dash panel (right-hand drive)

1.2.1 Relay positions

1 - Auxiliary coolant heater relay -J493-
2 - Vacant
3 - Vacant
4 - Vacant
5 - Vacant
6 - Voltage supply relay 2 -J710- (53)
7 - Terminal 15 voltage supply relay -J329- (100)
8 - Coolant pump relay -J235-
9 - Vacant
10 - Vacant
11 - Vacant
12 - Voltage supply relay 1 -J701- (53)
13 - Starter motor relay -J53- (53)
14 - Fuel pump relay -J17- (404)
14 - Terminal 30 voltage supply relay -J317- (404)
15 - Current supply relay -J16- (100)
16 - Terminal 58b relief relay -J374- (449)
20 - Main relay -J271- (643)



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