

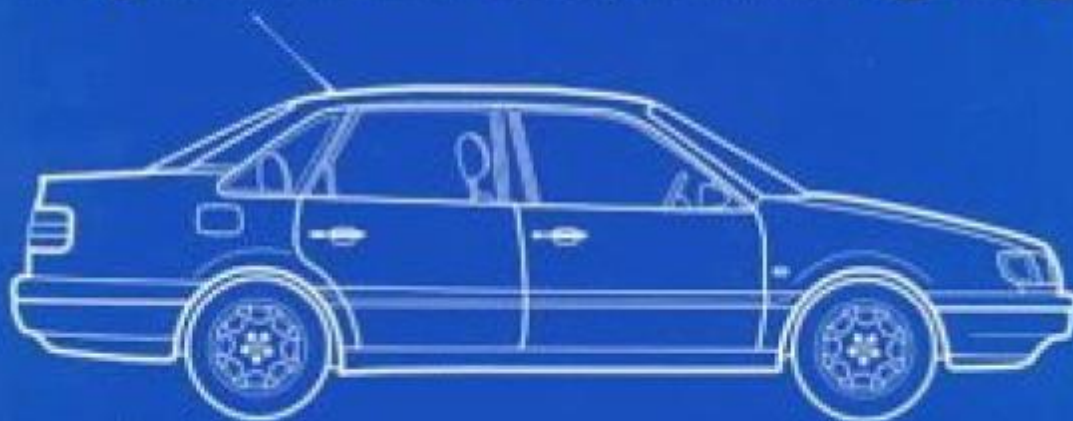


Volkswagen Passat

Official Factory Repair Manual

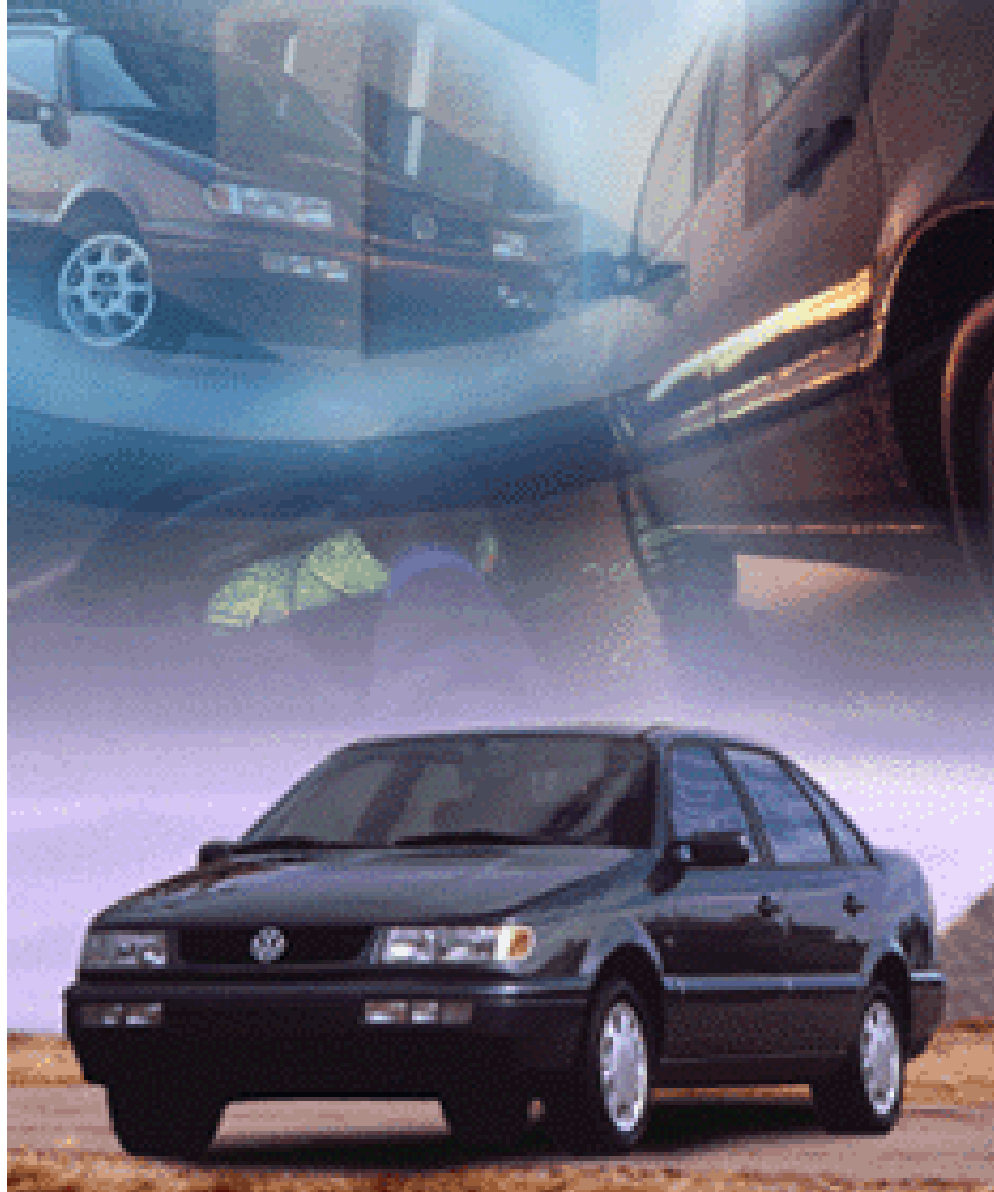
1996

Gasoline, Turbo Diesel, TDI
4-cylinder and VR6, including wagon

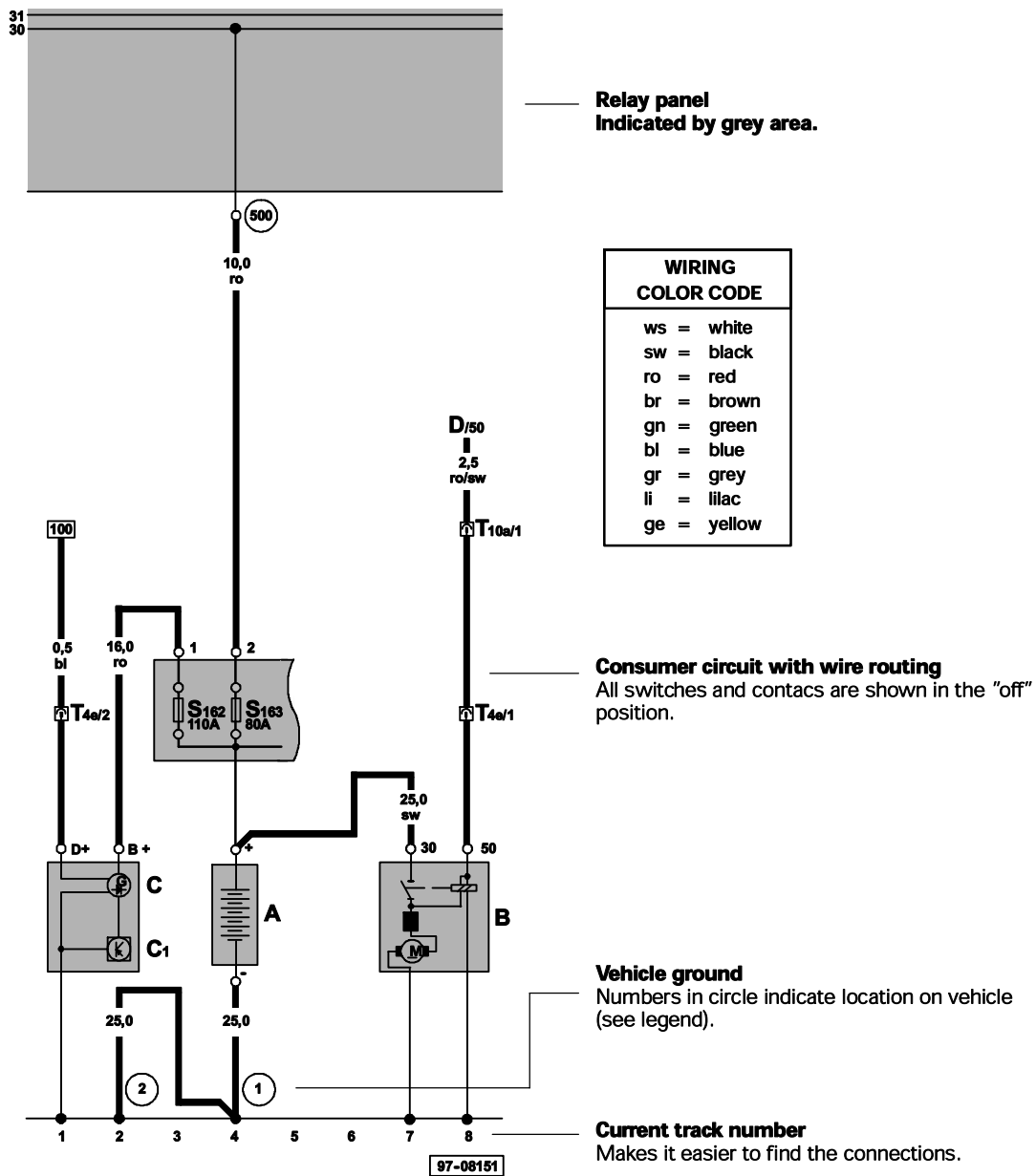


Robert Bentley

PASSAT '95-'97



Wiring diagram layout



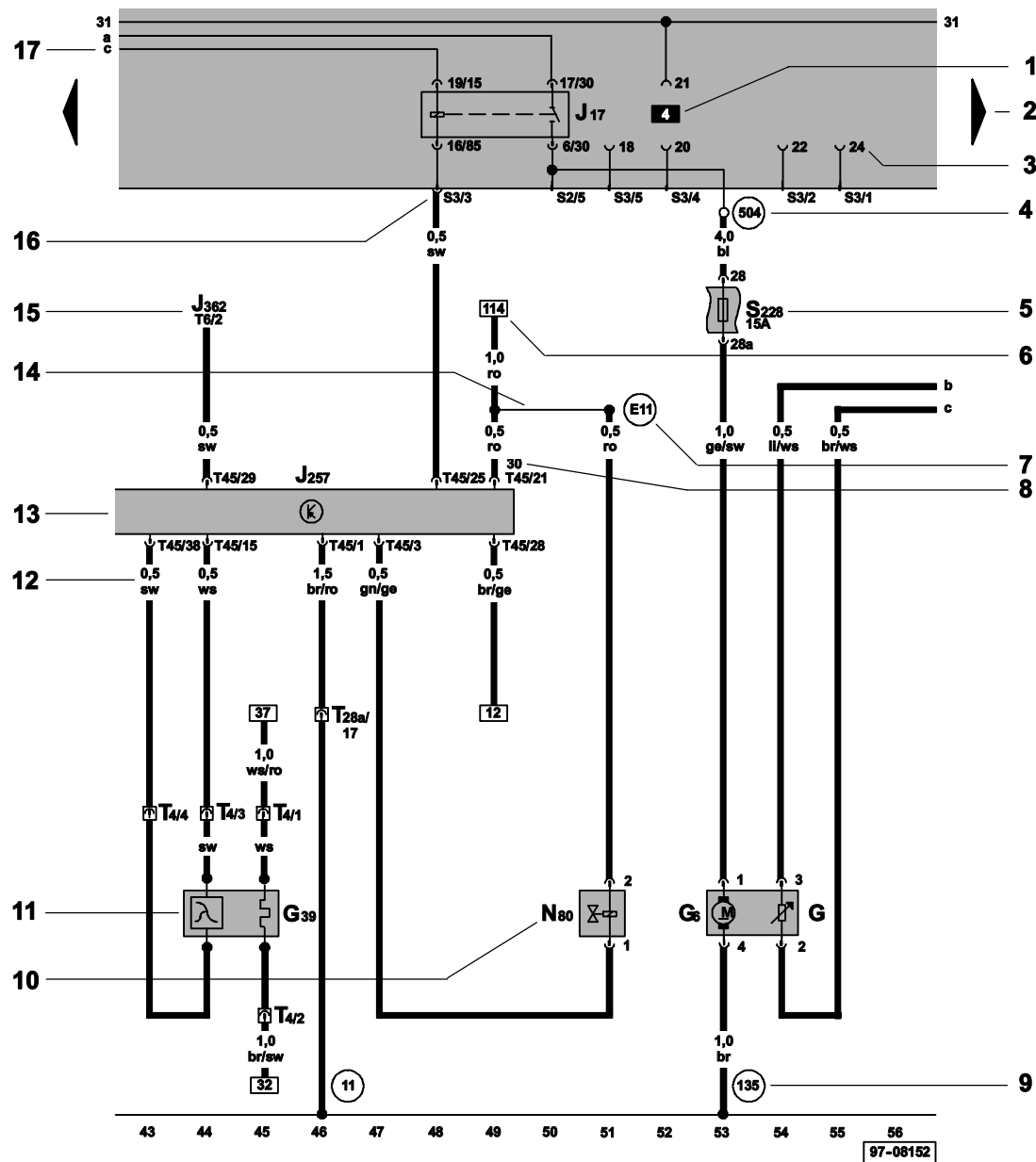
- A - Battery
- B - Starter
- C - Generator (GEN)
- C1 - Voltage Regulator (VR)
- D - Ignition/Starter Switch
- S162 - Fuse -1- (30) in fuse bracket / battery
- S163 - Fuse -2- (30) in fuse bracket / battery
- T4e - 4-Pin Connector, on transmission
- T10a - 10-Pin Connector, on protective housing for control module, in engine compartment, left
- (1) - Ground strap, battery to body
- (2) - Ground strap, transmission to body
- (500) - Screw connection -1- (30), on relay panel

Legend

In all wiring diagrams the same component designation (code) is used for a particular component; for example, always A for battery.

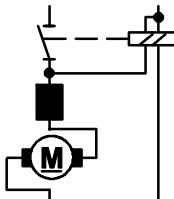
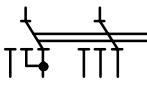
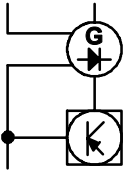
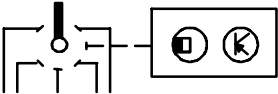
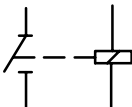
11

Edition ESIS



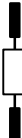
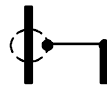
- 1 - Relay location number**
Indicates location on relay panel.
- 2 - Arrow**
Indicates wiring circuit is continued on the previous and/or next page.
- 3 - Connection designation - relay control module on relay panel**
Shows the individual terminals in a multi-point connector.
For example: contact 24 on terminal **4** on relay panel.
- 4 - Diagram of threaded pin on relay panel**
White circle shows a detachable connection.
- 5 - Fuse designation**
For example: S228 = Fuse number 28, 15 amps, in fuse holder
- 6 - Reference of wire continuation (current track number)**
Number in frame indicates current track where wire is continued.
- 7 - Wire connection designation in wiring harness**
Location of wire connections are indicated in the legend.
- 8 - Terminal designation**
Designation which appears on actual component and/or terminal number of a multi-point connector.
- 9 - Ground connection designation in wire harness**
Locations of ground connections are indicated in legend.
- 10 - Component designation**
Use legend at bottom of page to identify the component code.
- 11 - Component symbols (see page IV - VI)**
- 12 - Wire cross-section size (in mm²) and wire colors**
Abbreviations are explaining in color chart beside the wiring diagram.
- 13 - Component symbol with open drawing side**
Indicated component is continued on another wiring diagram. The number of corresponding wiring diagram can taken from list of contents.
- 14 - Internal connections (thin lines)**
These connections are **not** wires. Internal connections are current carrying and are listed to allow tracing of current flow inside components and wiring harness.
- 15 - Reference of continuation of wire to component**
For example: Control module for anti-theft immobilizer J362 on 6-Pin Connector, terminal 2
- 16 - Relay panel connectors**
Shows wiring of multi-point or single connectors on relay panel
For example: S3/3 - Multi-point connector S3, terminal 3
- 17 - Reference of internal connection continuation**
Letters indicate where connection continues on the previous and/or next page.

Symbols used in wiring diagrams

	Fuse		Switch (manually operated)
	Thermo-fuse (Circuit Breaker)		Switch (thermally operated)
	Battery		Push button switch (manually operated)
	Starter		Switch (mechanically operated)
	Switch (pressure operated)		Multiple switch (manually operated)
	Generator (GEN)		Resistance
	Ignition Coil		Variable resistor (Rheostat)
	Distributor (electronic)		Resistor temperature dependent
	Spark plug connector and plug		Heater element temperature dependent
	Glow plug Heater element		Relay

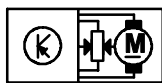
97-12201

Symbols used in wiring diagrams

	Diode		Solenoid valve
	Zener diode		Magnetic clutch
	Diode light sensitiv		Wire connector
	Light bulb		Pin connector
	Light bulb (dual filament)		Multi-point connector at component
	LED		Internal connections in component
	Interior light		Wire connection detachable
	Instrument (Gauge)		Wire connection fixed
	Electronic control module		Wire connection in wiring harness
	Rear window defogger heat element		Resistance wire
	Cigarette lighter		Shield wire

97-08153

Symbols used in wiring diagrams



Control motor,
headlight range adjustment



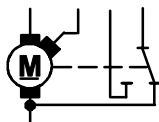
Speeker



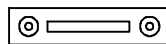
Motor



Antenna with electronic
antenna amplifier



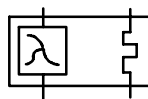
Wiper motor
2-speed



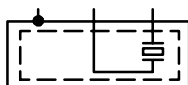
Radio



Crankshaft position sensor
(CKP)



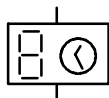
Heated oxygen sensor



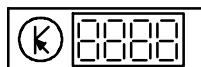
Knock sensor (KS)



Analog clock



Digital clock



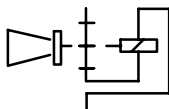
Multi-function
indicator



Airbag spiral spring



Speed sensor



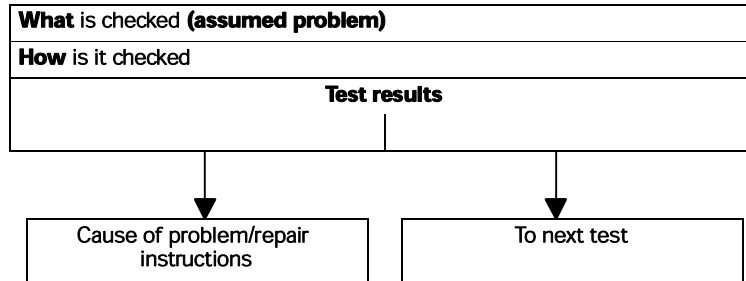
Horn

97-08154

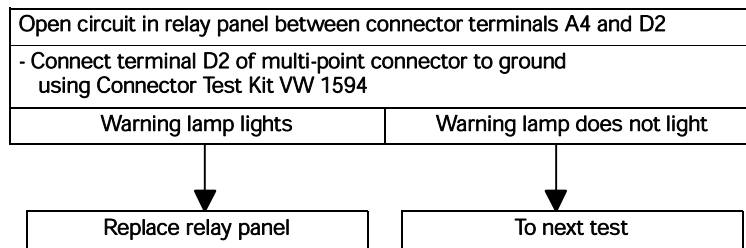
Explanation of troubleshooting procedures

Starting with the reported problem, troubleshooting procedures show step-by-step **what** is checked and **how** it is checked in order to find the problem in the quickest and most reliable way. If several causes (of a problem) are possible in one system, a test procedure is used for diagnosis.

Structure of a Test step:



Example of a troubleshooting procedure:



Passat (2.8L-Engine - Motronic Multiport Fuel Injection (MFI)/128kW), code AAA, from August 1995

Diagram Title	Num/Page
- Passat (2.8L-Engine - Motronic Multiport Fuel Injection (MFI)/128kW), code AAA, from August 1995	31/01
- Battery, ignition/starter switch	34/02
- Fresh air blower	34/03
- Coolant fan, two speeds	03/01
- Generator (GEN), starter, fuel pump (FP), fuel level sensor	31/02
- Ignition system, motronic engine control module (ECM), heated oxygen sensor (HO2S)	31/03
- Motronic engine control module (ECM), knock sensors, engine coolant temperature (ECT) sensor	31/04
- Motronic engine control module (ECM) injectors, mass air flow (MAF) sensor	31/05
- Motronic engine control module (ECM), throttle valve control module	31/06
- Motronic engine control module (ECM), secondary air injection (AIR) system	31/07
- Instrument cluster, engine coolant level/temperature (ECL/ECT) warning light, visual and acoustical oil pressure control, odometer display, fuel gauge	31/09
- Instrument cluster, tachometer	34/05
- Instrument cluster, digital clock	34/06
- Instrument cluster, outside air temperature sensor, parking brake warning light switch and brake fluid level warning light switch	34/07
- Interior light, luggage compartment light, radio/parking light warning buzzer, seat belt warning system relay, door contact switch	34/08
- Data Link Connector (DLC) wire connector, radio connection, cigarette lighter, ashtray light	34/09
- Headlights, front side markers, headlight dimmer flasher switch	34/10
- Turn signal and emergency flasher system, parking light switch	34/11
- Tail lights, brake lights, turn signal lights	34/12
- Light switch, right front turn signal light	34/13
- Fog lights, license plate lights, back-up lights	34/14
- Rear window defogger heat element, dual horns	34/15
- Windshield wiper/washer system	34/16
- Rear window wiper/washer system, ABS warning light, airbag malfunction indicator lamp (MIL), brake and parking brake warning light	34/17

Passat (2.0L-Engine - Motronic Multiport Fuel Injection (MFI)/85kW), code ABA, from August 1995

Diagram Title	Num/Page
- Passat (2.0L-Engine - Motronic Multiport Fuel Injection (MFI)/85kW), code ABA, from August 1995	30/01
- Battery, ignition/starter switch	34/02
- Fresh air blower	34/03
- Coolant fan, two speeds	03/01
- Generator (GEN), starter, fuel pump (FP), fuel level sensor	30/02
- Motronic engine control module (ECM), heated oxygen sensor (HO2S), heated oxygen sensor (HO2S) 2, fuel pump (FP) relay	30/03
- Motronic engine control module (ECM), knock sensor (KS), throttle valve control module, engine coolant temperature (ECT) sensor, intake air temperature (IAT) sensor	30/04
- Motronic engine control module (ECM), injectors, mass air flow (MAF) sensor	30/05
- Motronic engine control module (ECM), engine speed (RPM) sensor, evaporative emission (EVAP) canister purge regulator valve, secondary air injection (AIR) pump motor, secondary air injection (AIR) pump relay	30/06
- Speedometer vehicle speed sensor (VSS), outside air temperature sensor, oil temperature sensor, oil pressure switch	30/07
- Instrument cluster, engine coolant level/temperature (ECL/ECT) warning light, visual and acoustical oil pressure control, fuel gauge, odometer display	30/08
- Instrument cluster, speedometer, multi-function indicator memory switch	30/09
- Instrument cluster, tachometer	34/05
- Instrument cluster, digital clock	34/06
- Instrument cluster, outside air temperature sensor, parking brake warning light switch and brake fluid level warning light switch	34/07
- Interior light, luggage compartment light, radio/parking light warning buzzer, seat belt warning system relay, door contact switch	34/08
- Data Link Connector (DLC) wire connector, radio connection, cigarette lighter, ashtray light	34/09
- Headlights, font side markers, headlight dimmer flasher switch	34/10
- Turn signal and emergency flasher system, parking light switch	34/11
- Tail lights, brake lights, turn signal lights	34/12
- Light switch, right front turn signal light	34/13
- Fog lights, license plate lights, back-up lights	34/14
- Rear window defogger heat element, dual horns	34/15
- Windshield wiper/washer system	34/16
- Rear window wiper/washer system, ABS warning light, airbag malfunction indicator lamp (MIL), brake and parking brake warning light	34/17

Passat (1.9L-Engine - Turbo Diesel Fuel Injection (DFI)/55kW), code 1Z, from August 1995

Diagram Title	Num/Page
- Passat (1.9L-Engine - Turbo Diesel Fuel Injection (DFI)/55kW), code 1Z, from August 1995	29/01
- Battery, ignition/starter switch	34/02
- Fresh air blower	34/03
- Coolant fan, two speeds	04/01
- Generator (GEN), starter	29/02
- Diesel direct fuel injection (DFI) engine control module (ECM), engine speed (RPM) sensor, mass air flow (MAF) sensor, intake air temperature (IAT) sensor	29/03
- Diesel direct fuel injection (DFI) engine control module (ECM), quantity adjuster, needle lift sensor, fuel temperature sensor, modulating piston displacement sensor	29/04
- Diesel direct fuel injection (DFI) engine control module (ECM), power supply (terminal 30, B+) relay, spark plugs (coolant), throttle position (TP) sensor, EGR vacuum regulator solenoid valve	29/05
- Diesel direct fuel injection (DFI) engine control module (ECM), glow plug (engine), fuel cut-off valve, cold start injector, wastegate bypass regulator valve	29/06
- Speedometer vehicle speed sensor (VSS), 0.3 bar oil pressure switch, outside air temperature sensor, engine coolant temperature (ECT) sensor, oil pressure switch	29/07
- Instrument cluster, engine coolant level/temperature (ECL/ECT) warning light, visual and acoustical oil pressure control, fuel gauge, odometer display	29/08
- Instrument cluster, speedometer, multi-function indicator memory switch	29/09
- Battery, ignition/starter switch	34/02
- Fresh air blower	34/03
- Instrument cluster, fuel gauge, engine coolant level/temperature (ECL/ECT) warning light, visual and acoustical oil pressure control	34/04
- Instrument cluster, tachometer	34/05
- Instrument cluster, digital clock	34/06
- Instrument cluster, outside air temperature sensor, parking brake warning light switch and brake fluid level warning light switch	34/07
- Interior light, luggage compartment light, radio/parking light warning buzzer, seat belt warning system relay, door contact switch	34/08
- Data Link Connector (DLC) wire connector, radio connection, cigarette lighter, ashtray light	34/09
- Headlights, front side markers, headlight dimmer flasher switch	34/10
- Turn signal and emergency flasher system, parking light switch	34/11
- Tail lights, brake lights, turn signal lights	34/12
- Light switch, right front turn signal light	34/13
- Fog lights, license plate lights, back-up lights	34/14
- Rear window defogger heat element, dual horns	34/15

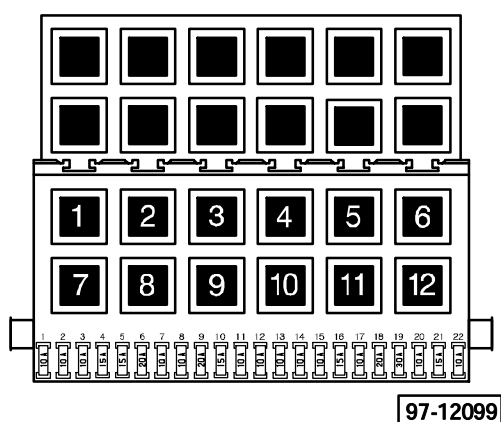
- Windshield wiper/washer system 34/16
- Rear window wiper/washer system, ABS warning light, airbag malfunction indicator lamp (MIL), brake and parking brake warning light 34/17

Common Systems

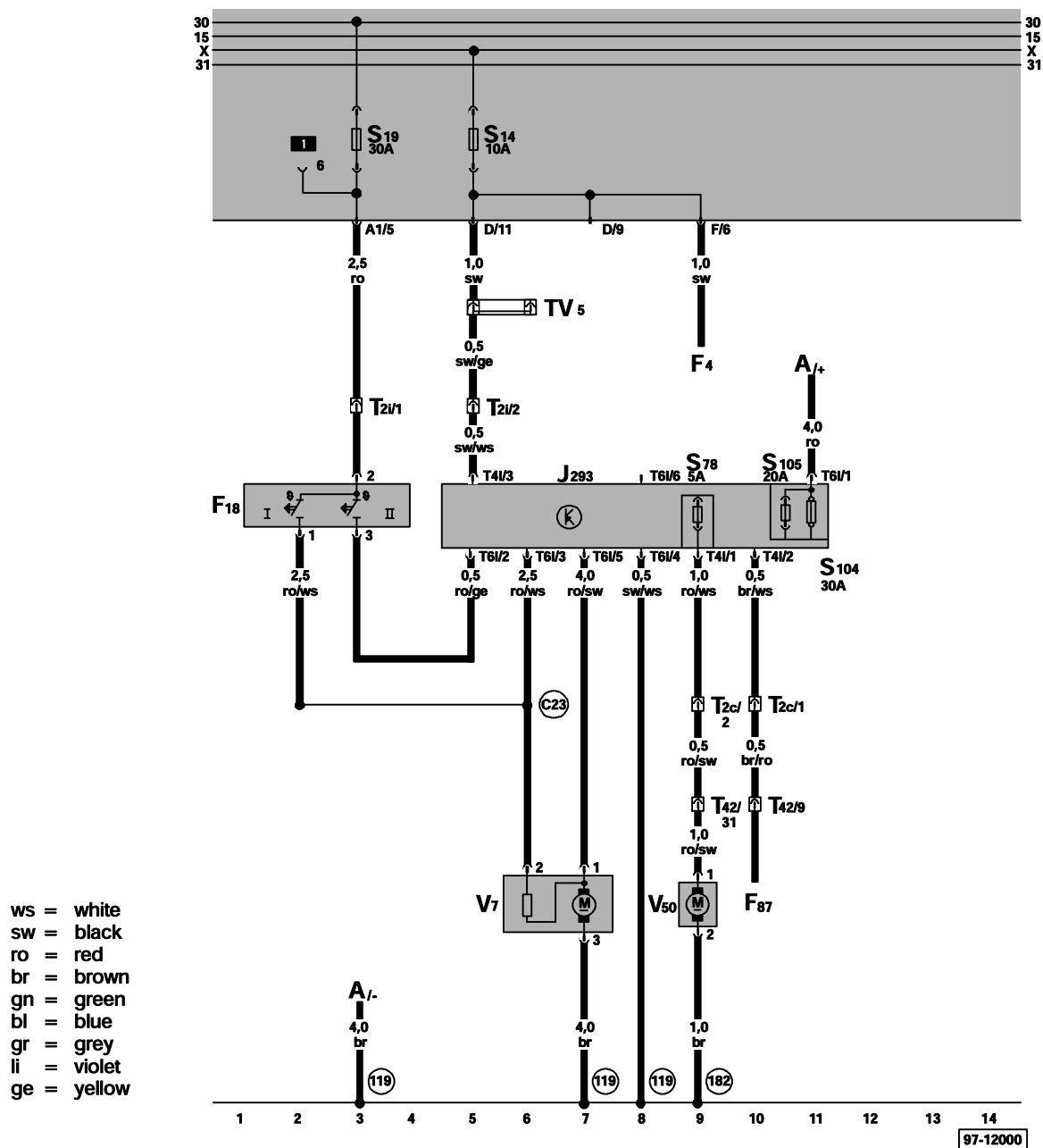
Diagram Title	Num/Page
- Airbag, from October 1994	18/01
- Air conditioning, 2.8L Engine-Motronic Multiport Fuel Injection (MFI)/128kW, code AAA, from August 1994	06/01
- Air conditioning, 2.0L Engine-Motronic Multiport Fuel Injection (MFI)/85kW, code ABA, from February 1995	26/01
- Air Conditioning, 1.9L Engine-Turbo Diesel Fuel Injection (DFI)/55kW, code AAZ, from August 1994	05/01
- Air Conditioning, 1.9L Engine-Turbo Diesel Fuel Injection (DFI)/66kW, code 1Z, from December 1995	35/01
- Anti-lock brake system (ABS) with electronic differential lock (EDL), from August 1994	33/01
- Automatic transmission, 2.8L Engine - Motronic Multitport Fuel Injection (MFI)/128kW, code AAA, from August 1995	32/01
- Automatic transmission, 2.8L Engine - Motronic Multitport Fuel Injection (MFI)/85kW, code ABA, from August 1995	32/01
- Automatic transmission, 1.9L Engine - Motronic Multiport Fuel Injection (DFI)/66kW, code 1Z, from August 1995	28/01
- Central locking system and anti-theft alarm system, from August 1994	15/01
- Coolant fan, three speeds, 450W, code AAZ, from August 1994	22/01
- Coolant fan, three speeds, 450W, code AAA, from August 1994	21/01
- Coolant fan, two speeds, 250W, code AAA, from August 1994	03/01
- Coolant fan, two speeds, 250W, code AAZ, from August 1994	04/01
- Cruise control, not for code 1Z, from August 1994	14/01
- Cruise control, only for code 1Z, from August 1994	29/04
- Daytime running lights only Canada, from August 1994	23/01
- Dual horns, from August 1994	34/15
- Front and rear power windows, from August 1994	07/01
- Heated seats, from August 1994	08/01
- Heated power mirrors, from August 1994	10/01
- Heated washer nozzles, from August 1994	11/01
- Interior light with delay switch, rear reading lights, make-up mirror lights from August 1994	09/01
- Power sunroof, from August 1994	16/01
- Rear window wiper/washer system, from August 1995	34/17
- Stereo radio with CD-changer and eight speakers, from August 1994	20/01
- Trunk lid release, sedan only, from August 1994	12/01

Coolant fan, two speeds, 250W,code AAA,**from August 1994****Relay location**

For relay location and multiple connectors see also section "component locations".

**Fuse colors**

30A – green
25A – white
20A – yellow
15A – blue
10A – red

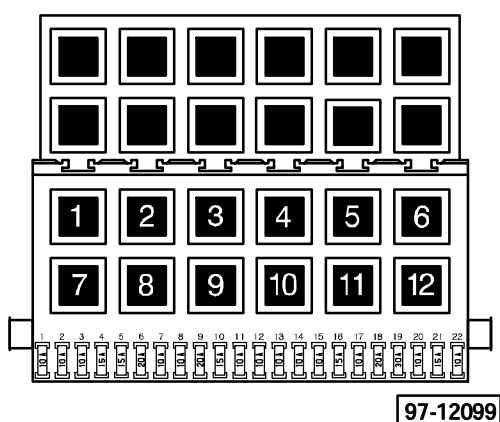


- A – Battery
- F4 – Back-Up Light Switch
- F18 – Coolant Fan Control (FC) Thermal Switch
- F87 – After-Run Coolant Fan Control (FC) Thermal Switch
- J293 – Coolant FC (Fan Control) Control Module, in engine compartment, left
- S78 – Engine Coolant Pump Fuse
- S104 – Second Speed Coolant Fan Fuse
- S105 – First Speed Coolant Fan fuse
- T2c – Double Connector, behind fuse/relay panel
- T2i – Double Connector, behind fuse/relay panel
- T4i – 4-Pin Connector, on Coolant FC (Fan Control) Control Module
- T6i – 6-Pin Connector, on Coolant FC (Fan Control) Control Module

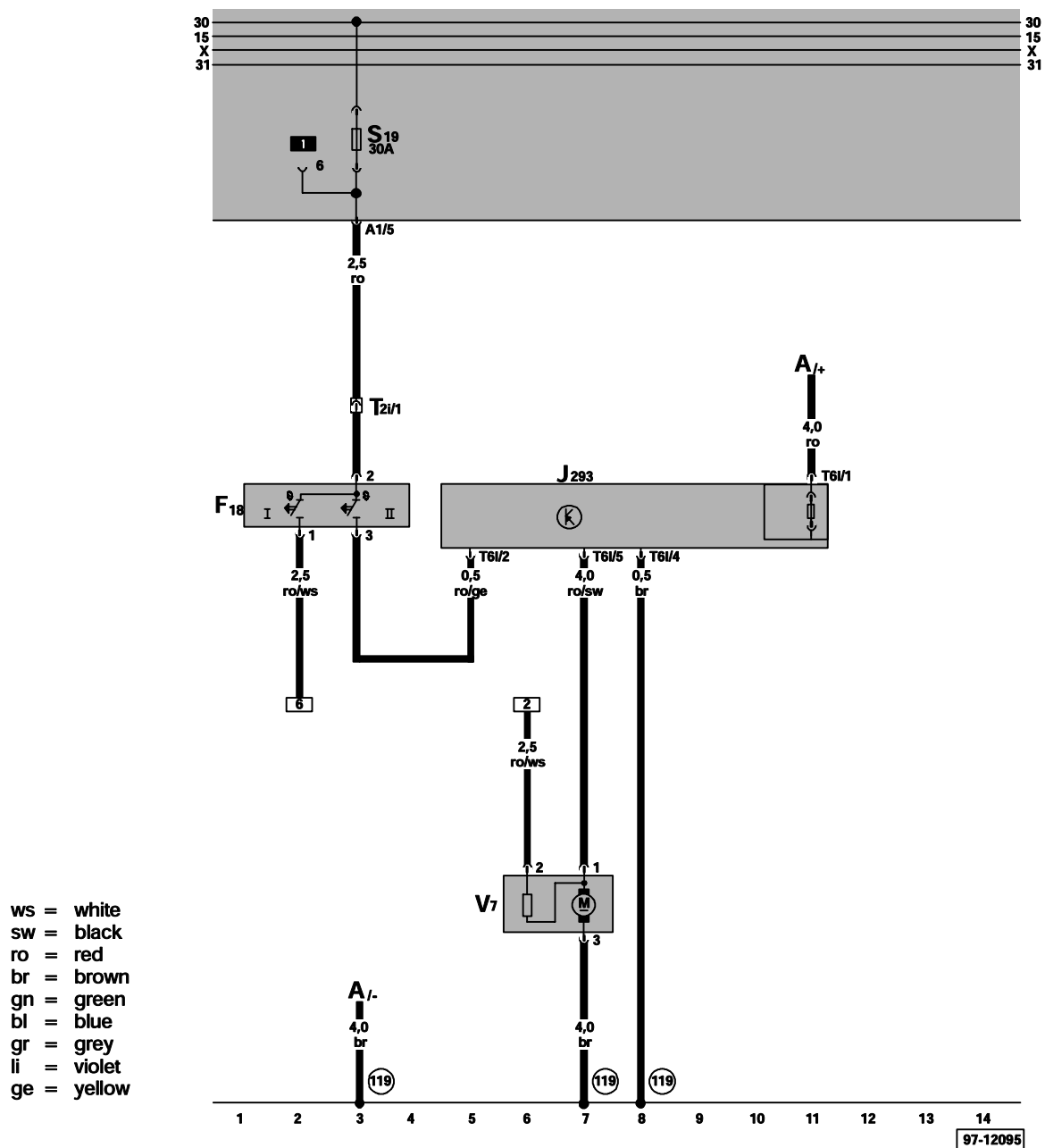
- T42 – 42-Pin Connector, on left cylinder head
- TV5 – Terminal 15a Wire Connector, above fuse/relay panel
- V7 – Coolant Fan
- V50 – Coolant Pump
- (119) – Ground connection –1–, in cooling fan wiring harness
- (182) – Ground connection –1–, in engine compartment wiring harness (6 Cylinder)
- (C23) – Wire connection (blower, 1st speed), in cooling fan wiring harness

Coolant fan, two speeds, 250W,code AA ,**from August 1994****Relay location**

For relay location and multiple connectors see also section "component locations".

**Fuse colors**

30A – green
25A – white
20A – yellow
15A – blue
10A – red

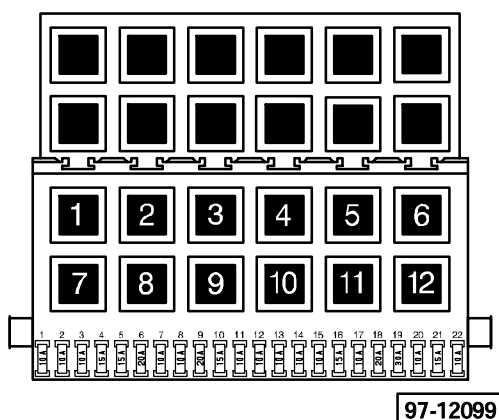


- A – Battery
- F18 – Coolant Fan Control (FC) Thermal Switch
- J293 – Coolant FC (Fan Control) Control Module, in engine compartment, left
- S104 – Second Speed Coolant Fan Fuse
- T2i – Double Connector, behind fuse/relay panel
- T6i – 6-Pin Connector, on Coolant FC (Fan Control) Control Module
- V7 – Coolant Fan
- (119) – Ground connection –1–, in cooling fan wiring harness

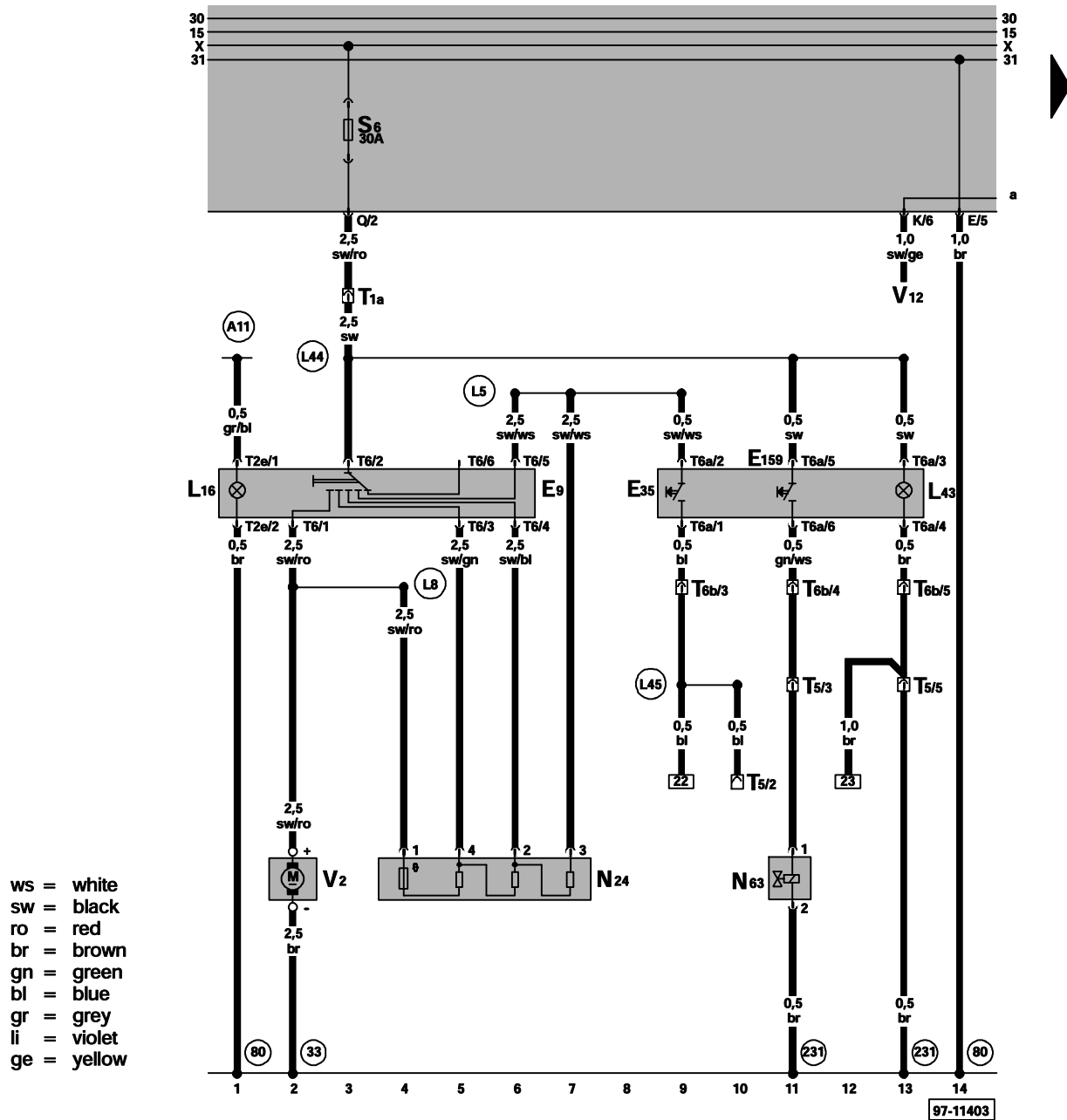
Air conditioning,
D 1.9l Engine Tur o iesel Fuel n ection F /55 W,
code AA ,
from August 1994

Relay location

For relay location and multiple connectors see also section "component locations".

**Fuse colors**

30A – green
25A – white
20A – yellow
15A – blue
10A – red

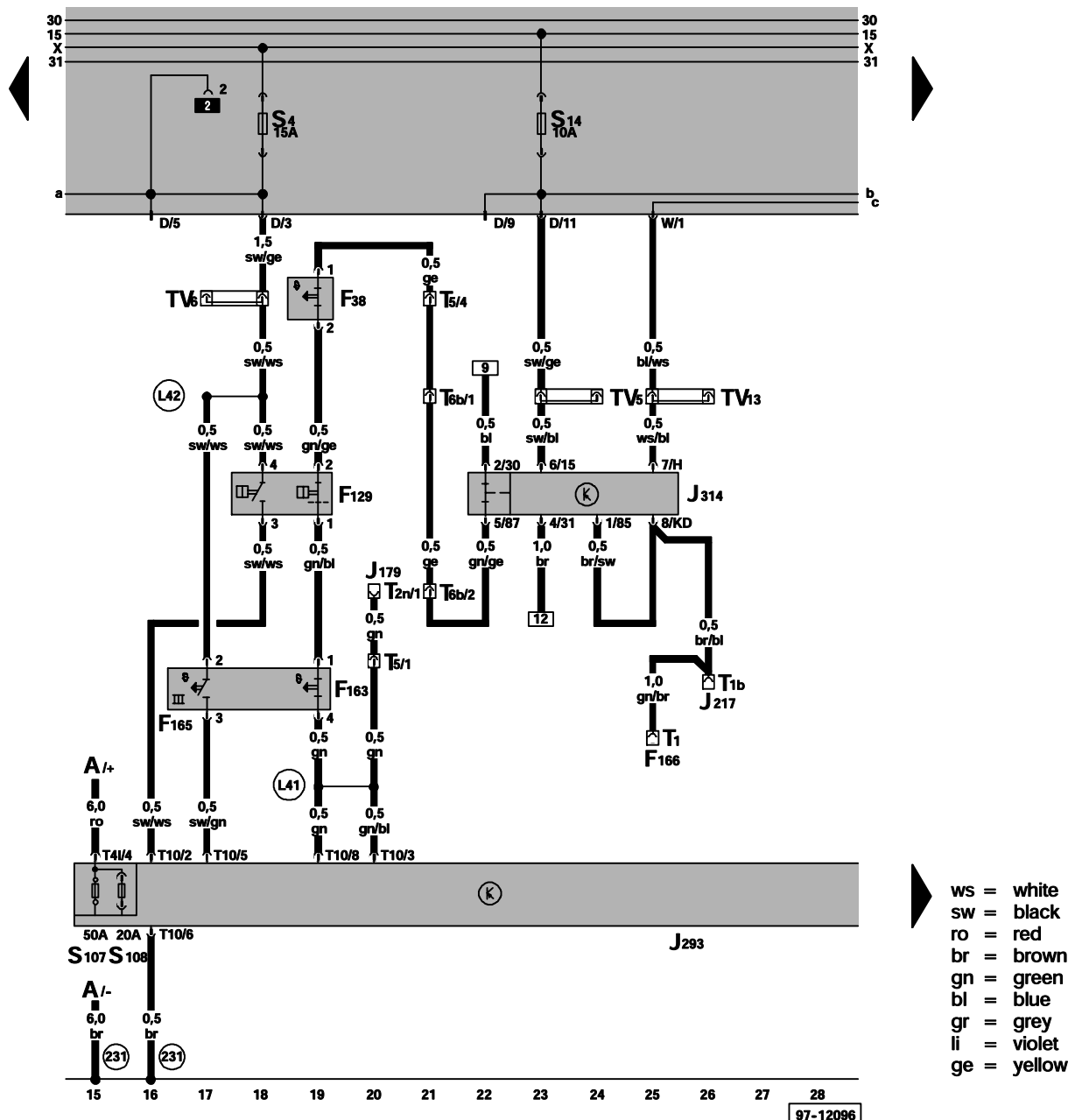


- E9 - Fresh Air Blower Switch
- E35 - A/C Switch
- E159 - Fresh Air/Recirculating Flap Switch
- L16 - Fresh Air Control Lever Light
- L43 - A/C Switch Illumination Light
- N24 - Fresh Air Blower Series Resistance With Fuse
- N63 - Fresh Air/Recirculating Flap Two-Way Valve (00605)
- T1a - Single Connector, behind fuse/relay panel
- T2e - Double Connector
- T5 - 5-Pin Connector, behind fuse/relay panel
- T6 - 6-Pin Connector
- T6a - 6-Pin Connector
- T6b - 6-Pin Connector, behind instrument panel, center



- V2 - Fresh Air Blower
- V12 - Rear Window Wiper Motor

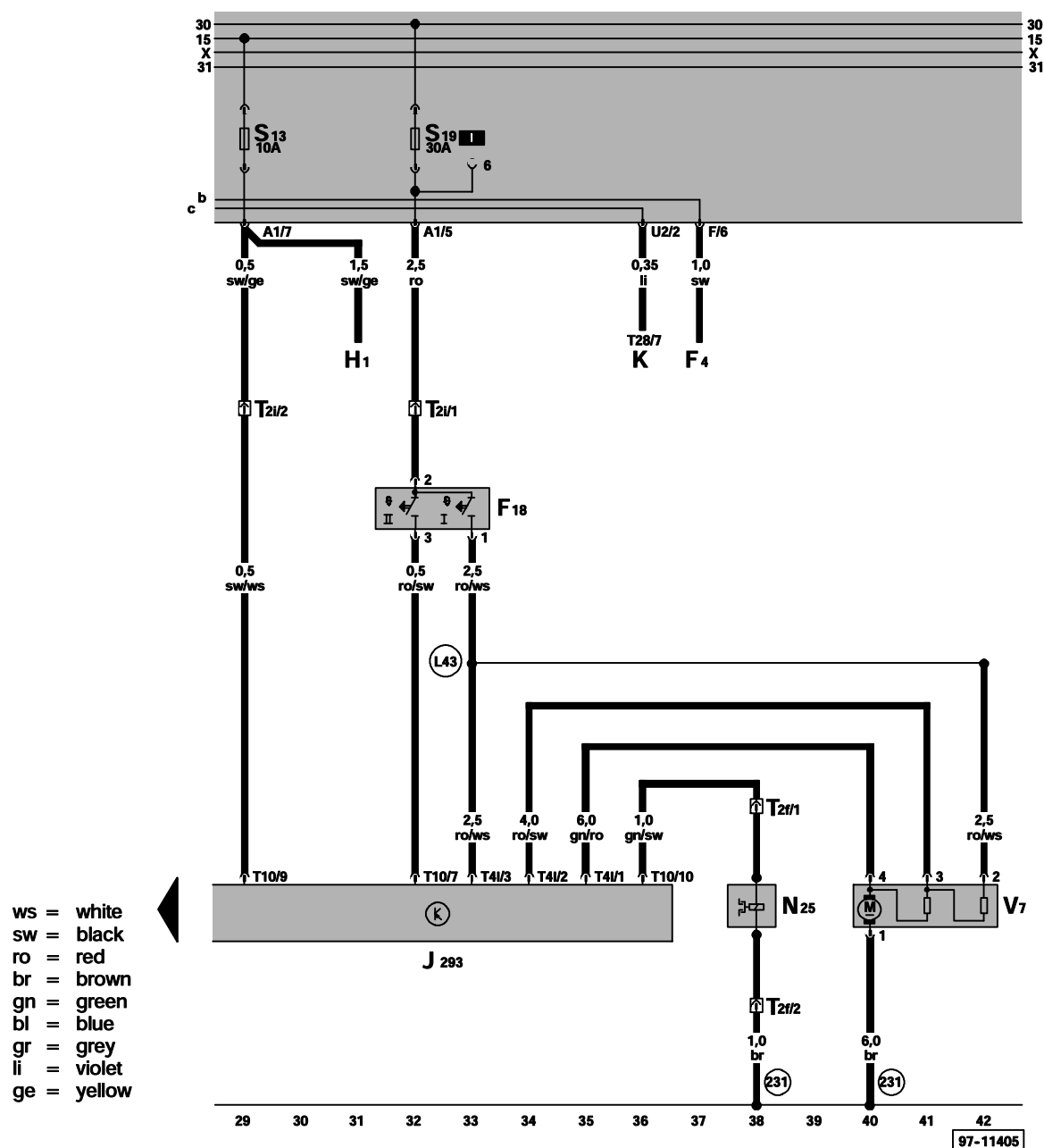
- 33 - Ground connection, behind instrument panel, right



- A - Battery
- F38 - Ambient Temperature Switch, in plenum chamber, right
- F129 - A/C Pressure Switch
- F163 - A/C Cut-Out Thermal Switch
- F165 - Third Speed Coolant Fan Control (FC) Thermal Switch
- F166 - EGR Part Throttle Switch
- J179 - Automatic Glow Time Control Module
- J217 - Transmission Control Module (TCM)
- J293 - Coolant Fan Control (FC) Control Module
- J314 - A/C Cut-Off Control Module, behind console, vehicles with automatic transmission:
- J246 - A/C Clutch Cut-Off Relay
- S107 - Coolant Fan Second and Third Speed Fuse
- S108 - Coolant Fan First Speed and A/C Clutch Fuse
- T1 - Single Connector, behind fuse/relay panel
- T1b - Single Connector, behind fuse/relay panel
- T2n - Double Connector, behind fuse/relay panel

- T5 - 5-Pin Connector, behind fuse/relay panel
- T6b - 6-Pin Connector, behind instrument panel, center
- TV5 - Terminal 15a Wire Connector
- TV6 - Terminal X Wire Connector
- TV13 - Vehicle Speed Signal Wire Connector
- V12 - Rear Window Wiper Motor
- V50 - Coolant Pump

- (231) - Ground connection, in A/C system-coolant fan wiring harness
- (L41) - Wire connection (A/C on), in A/C system-coolant fan wiring harness
- (L42) - Wire connection (X), in A/C system-coolant fan wiring harness



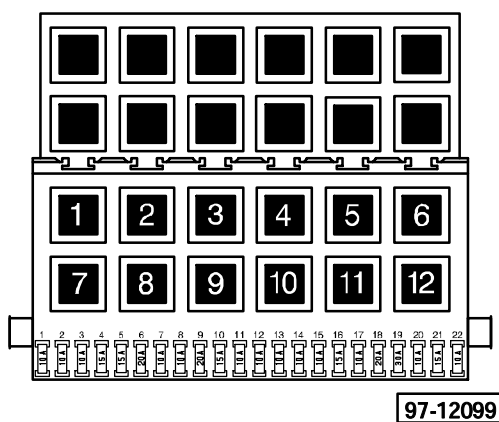
- F4 – Back-Up Light Switch
F18 – Coolant Fan Control (FC) Thermal Switch
H1 – Dual Horns
J293 – Coolant Fan Control (FC) Control Module, in engine compartment, left
K – Instrument Cluster
N25 – A/C Clutch
T2f – Double Connector, near compressor
T2i – Double Connector, behind fuse/relay panel
T4i – 4-Pin Connector, on Coolant Fan Control (FC) Control Module
T10 – 10-Pin Connector, on Coolant Fan Control (FC) Control Module
T28 – 28-Pin Connector, on instrument cluster
V7 – Coolant Fan

(231) – Ground connection, in A/C system-coolant fan wiring harness

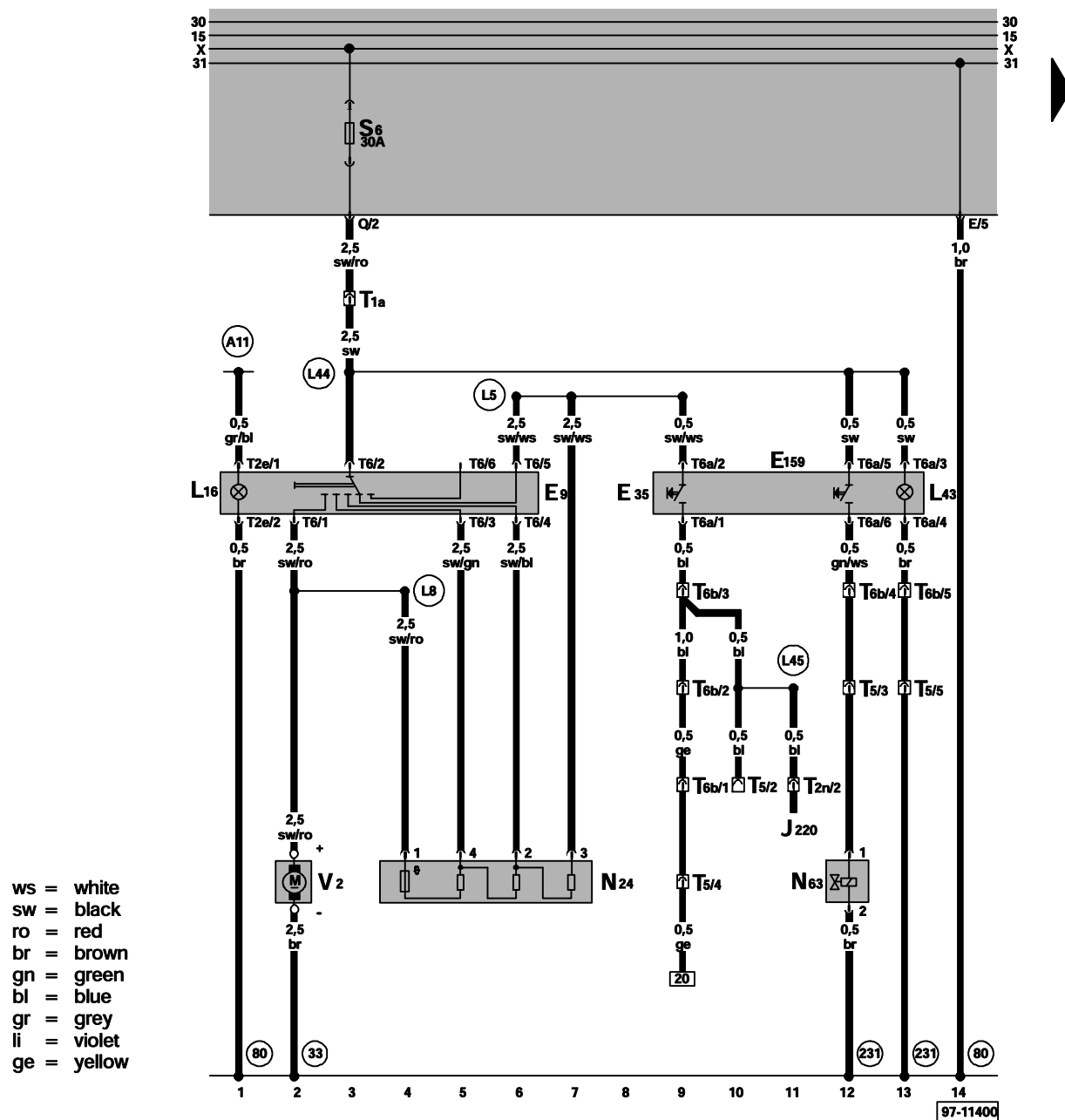
(L43) – Wire connection (coolant fan), in A/C system-coolant fan wiring harness

Air conditioning,**D 2.8l Engine ronic ultiport Fuel n ection F / 128 W,
code AAA,****from August 1994****Relay location**

For relay location and multiple connectors see also section "component locations".

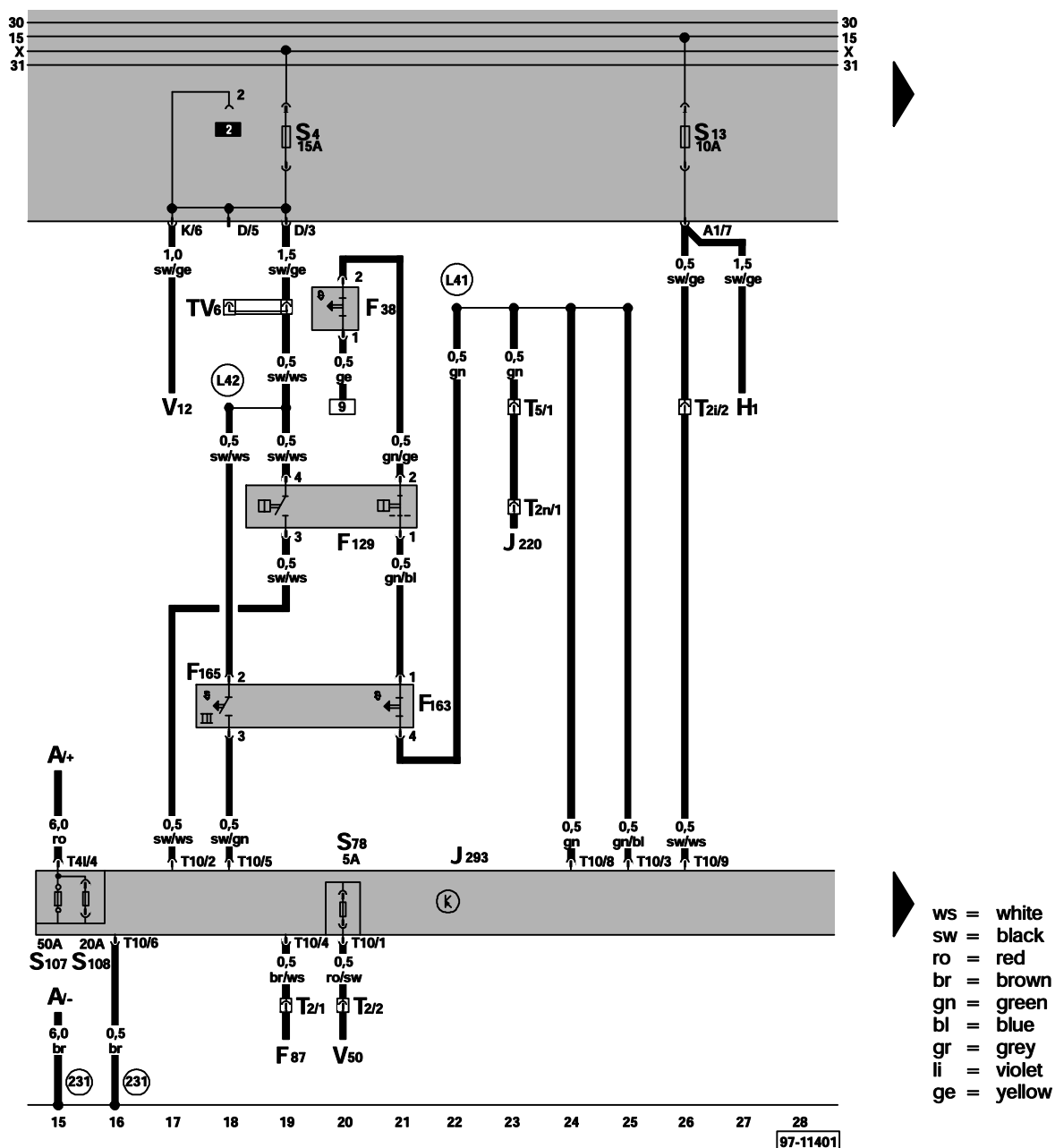
**Fuse colors**

30A – green
25A – white
20A – yellow
15A – blue
10A – red



- E9 – Fresh Air Blower Switch
E35 – A/C Switch
E159 – Fresh Air/Recirculating Flap Switch
L16 – Fresh Air Control Lever Light
L43 – A/C Switch Illumination Light
N24 – Fresh Air Blower Series Resistance With Fuse
N63 – Fresh Air/Recirculating Flap Two-Way Valve
T1a – Single Connector, behind fuse/relay panel
T2e – Double Connector
T5 – 5-Pin Connector, behind fuse/relay panel
T6 – 6-Pin Connector
T6a – 6-Pin Connector
T6b – 6-Pin Connector, behind instrument panel, center
V2 – Fresh Air Blower
- 33 – Ground connection, behind instrument panel, right
- 80 – Ground connection – 1 –, in instrument panel wiring harness

- 231 – Ground connection, in A/C system–coolant fan wiring harness
- A11 – Plus connection (58b) in instrument panel wiring harness
- L5 – Wire connection – 1 –, in evaporator housing wiring harness
- L8 – Wire connection – 4 –, in evaporator housing wiring harness
- L44 – Wire connection (X), in A/C system wiring harness
- L45 – Wire connection, in A/C system wiring harness



- A – Battery
- F38 – Ambient Temperature Switch, in plenum chamber, right
- F129 – A/C Pressure Switch
- F163 – A/C Cut-Out Thermal Switch
- F165 – Third Speed Coolant Fan Control (FC) Thermal Switch
- H1 – Dual Horns
- J220 – Motronic Engine Control Module (ECM)
- J293 – Coolant Fan Control (FC) Control Module, in engine compartment, left
- S107 – Coolant Fan Second and Third Speed Fuse
- S108 – Coolant Fan First Speed and A/C Clutch Fuse
- T2 – Double Connector, behind fuse/relay panel
- T2n – Double Connector, behind fuse/relay panel
- T4l – 4-Pin Connector, on Coolant Fan Control (FC) Control Module

T5 – 5-Pin Connector, behind fuse/relay panel

T10 – 10-Pin connector, on Coolant Fan Control (FC) Control Module

TV6 – Terminal X Wire Connector

V12 – Rear Window Wiper Motor

V50 – Coolant Pump

(231) – Ground connection, in A/C system-coolant fan wiring harness

(L41) – Wire connection (A/C on), in A/C system-coolant fan wiring harness

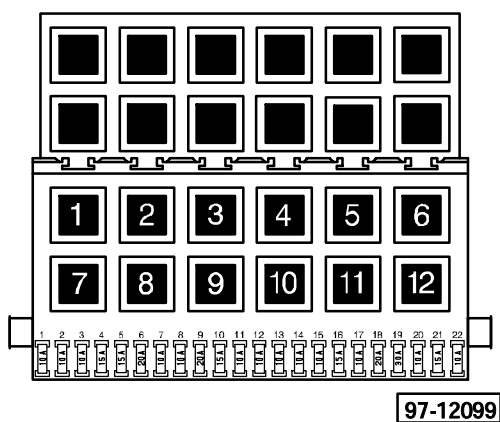
(L42) – Wire connection (X), in A/C system-coolant fan wiring harness

Front and rear power windows,

from August 1994

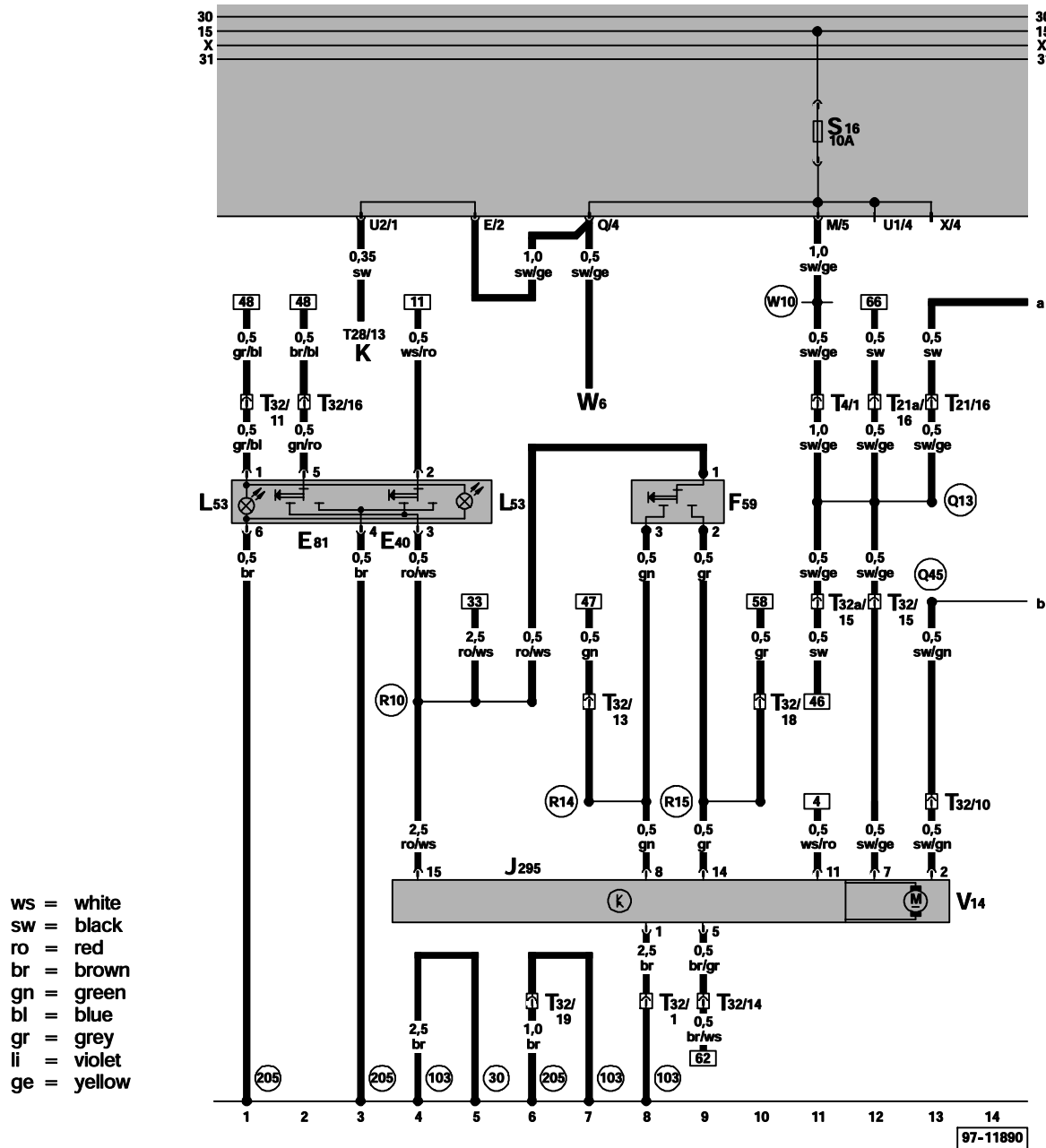
Relay location

For relay location and multiple connectors see also section "component locations".



Fuse colors

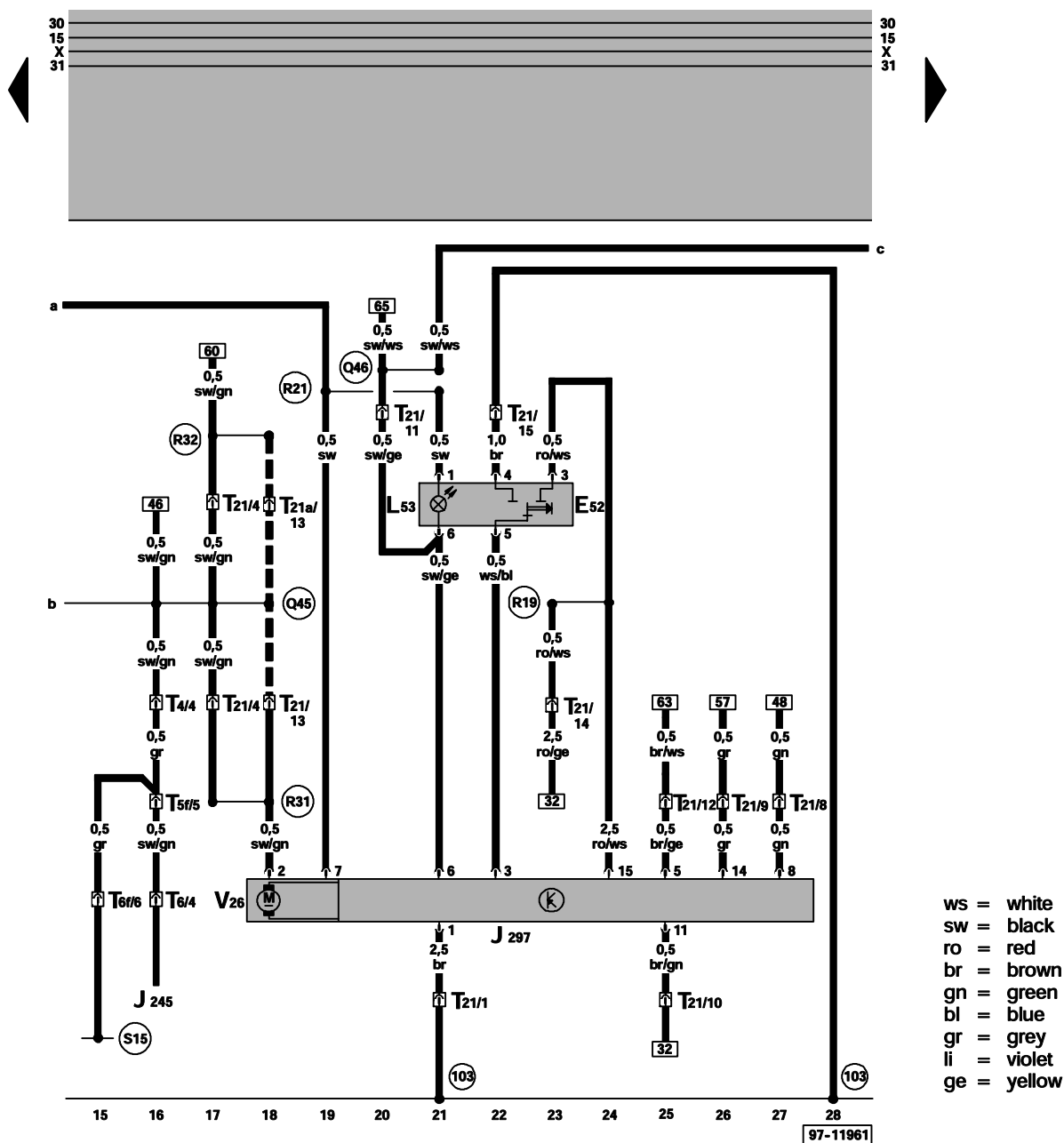
30A – green
25A – white
20A – yellow
15A – blue
10A – red



- E40 – Left Front Window Switch, in driver's door
- E81 – Right Front Window Switch, in driver's door
- F59 – Driver's Door Central Locking System Switch
- J295 – Left Front Power Window Control Module, in driver's door
- K – Instrument Cluster
- L53 – Power Window Switch Light
- T4 – 4-Pin Connector, behind fuse/relay panel
- T21 – 21-Pin Connector, on left B-pillar
- T21a – 21-Pin Connector, on right B-pillar
- T28 – 28-Pin Connector, on instrument cluster
- T32 – 32-Pin Connector, on left A-pillar, lower part
- T32a – 32-Pin Connector, on right A-pillar, lower part
- V14 – Left Window Motor
- W6 – Glove Compartment Light

- (R15) – Plus connection –2– (closed), in driver's door wiring harness
- (W10) – Plus connection (15), in rear wiring harness

- (30) – Ground connection, –1–, beside fuse/relay panel
- (103) – Ground connection –2–, in power window wiring harness
- (205) – Ground connection, in driver's door wiring harness
- (Q13) – Plus connection (75 as/15), in power window wiring harness
- (Q45) – Wire connection (comfort), in power window wiring harness
- (R10) – Plus connection –1– (30), in driver's door wiring harness
- (R14) – Wire connection –1– (open), in driver's door wiring harness

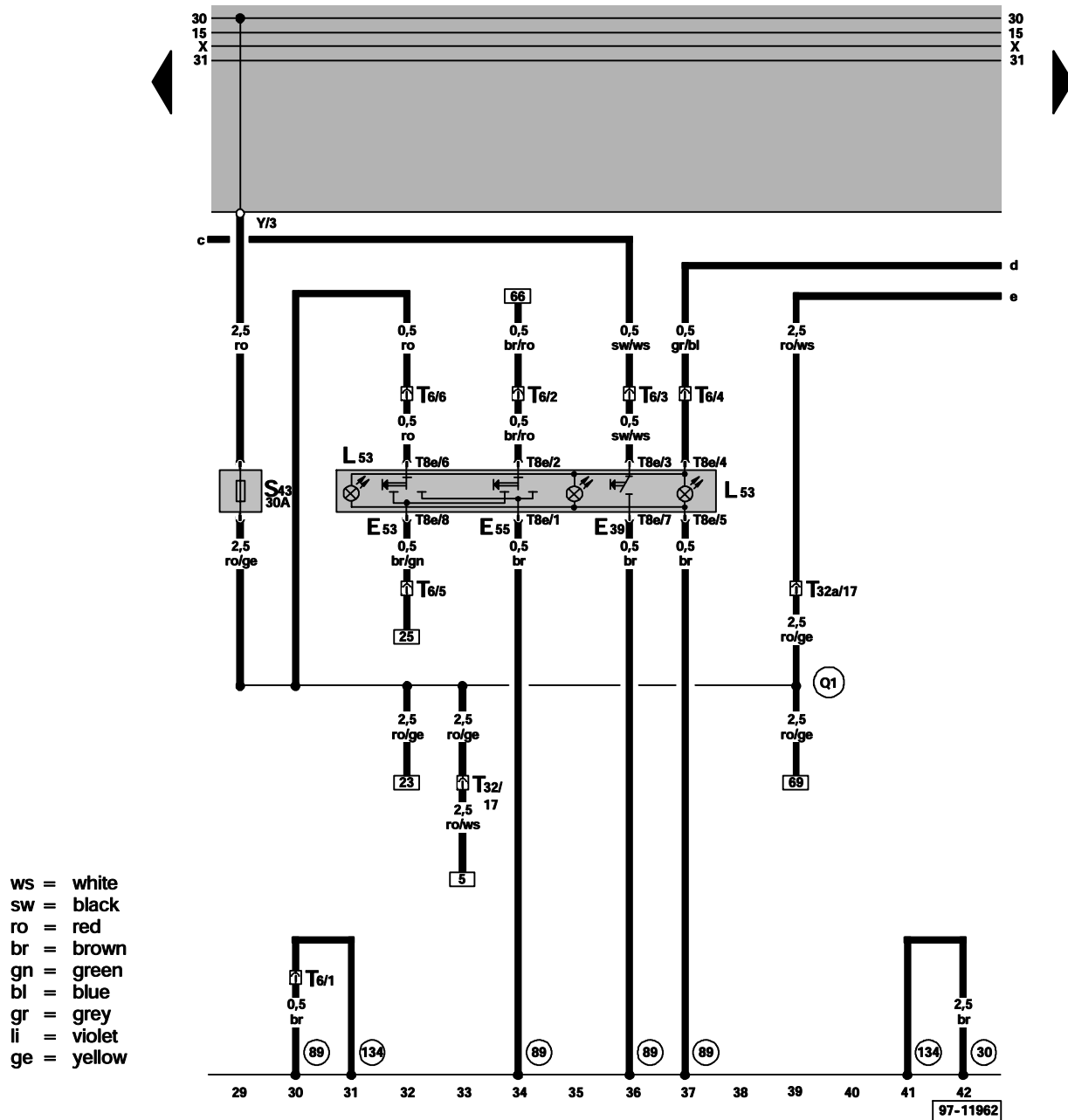


- E52 - Left Rear Window Switch, (In LR Door)
- J245 - Power Sunroof Control Module
- J297 - Left Rear Power Window Control Module, in left rear door
- L53 - Power Window Switch Light
- T4 - 4-Pin Connector, below rear seat bench
- T5f - 5-Pin Connector, behind fuse/relay panel
- T6 - 6-Pin Connector, near sunroof switch
- T6f - 6-Pin Connector, below rear seat bench
- T21 - 21-Pin Connector, on left B-pillar
- T21a - 21-Pin Connector, on right B-pillar
- V26 - Left Rear Door Window Motor

- (86) - Ground connection -1-, in rear wiring harness
- (103) - Ground connection -2-, in power window wiring harness

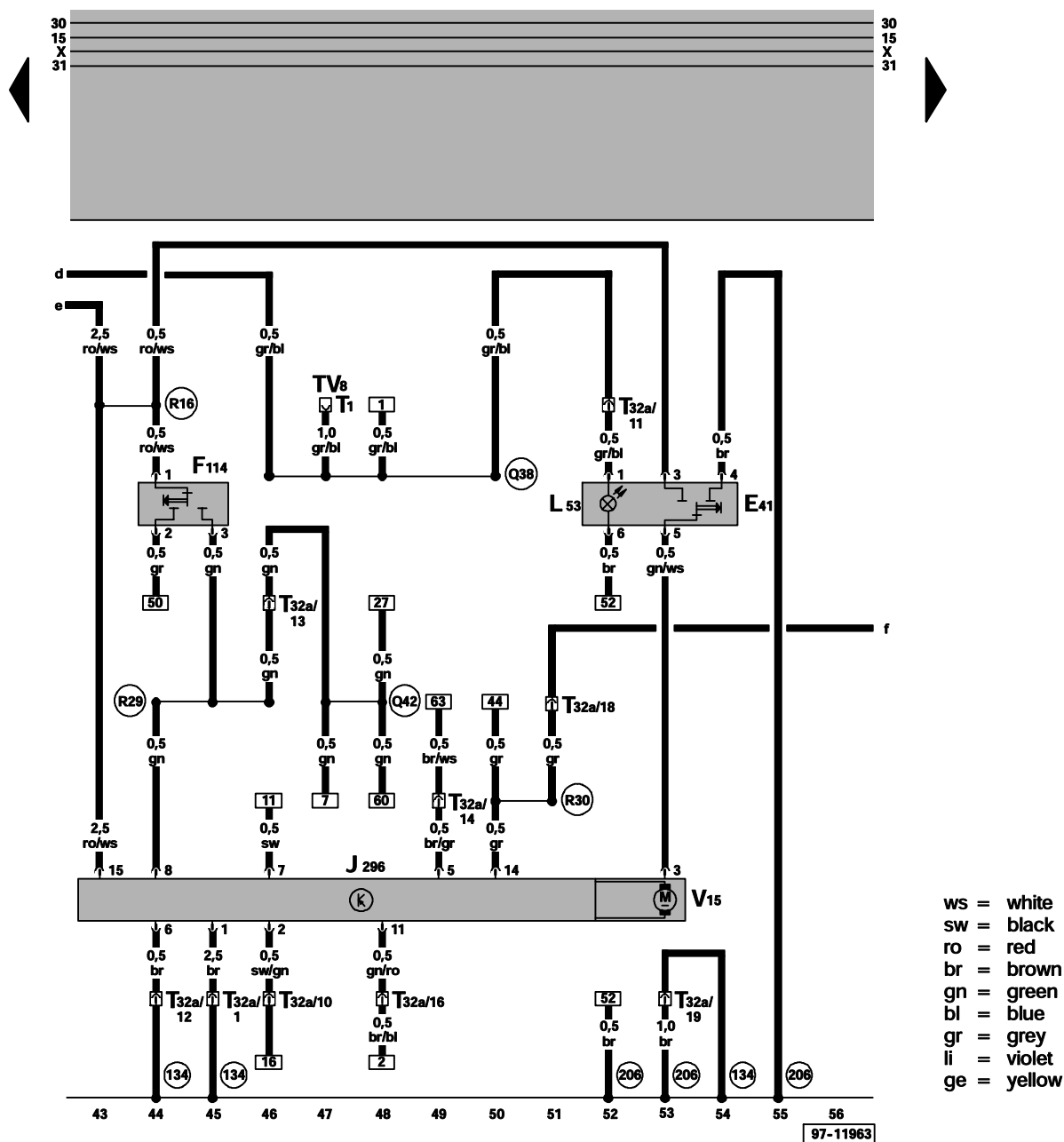
- (Q45) - Wire connection (comfort), in power window wiring harness
- (Q46) - Wire connection (child lock), in power window wiring harness
- (R19) - Plus connection -1- (30), in left rear door wiring harness
- (R21) - Plus connection -3- (15), in left rear door wiring harness
- (R31) - Wire connection -1-, in left rear door wiring harness
- (S15) - Wire connection (closed), in central locking system wiring harness

■ ■ - Vehicles without central locking system only



- E39 - Window Lockout Switch, in instrument panel, center
- E53 - Left Rear Window Switch, in instrument panel, center
- E55 - Right Rear Window Switch, in instrument panel, center
- L53 - Power Window Switch Light
- S43 - Power Window Circuit Breaker, above fuse/relay panel
- T6 - 6-Pin Connector, behind instrument panel, right
- T8e - 8-Pin Connector
- T32 - 32-Pin Connector, on left A-pillar, lower part
- T32a - 32-Pin Connector, on right A-pillar, lower part

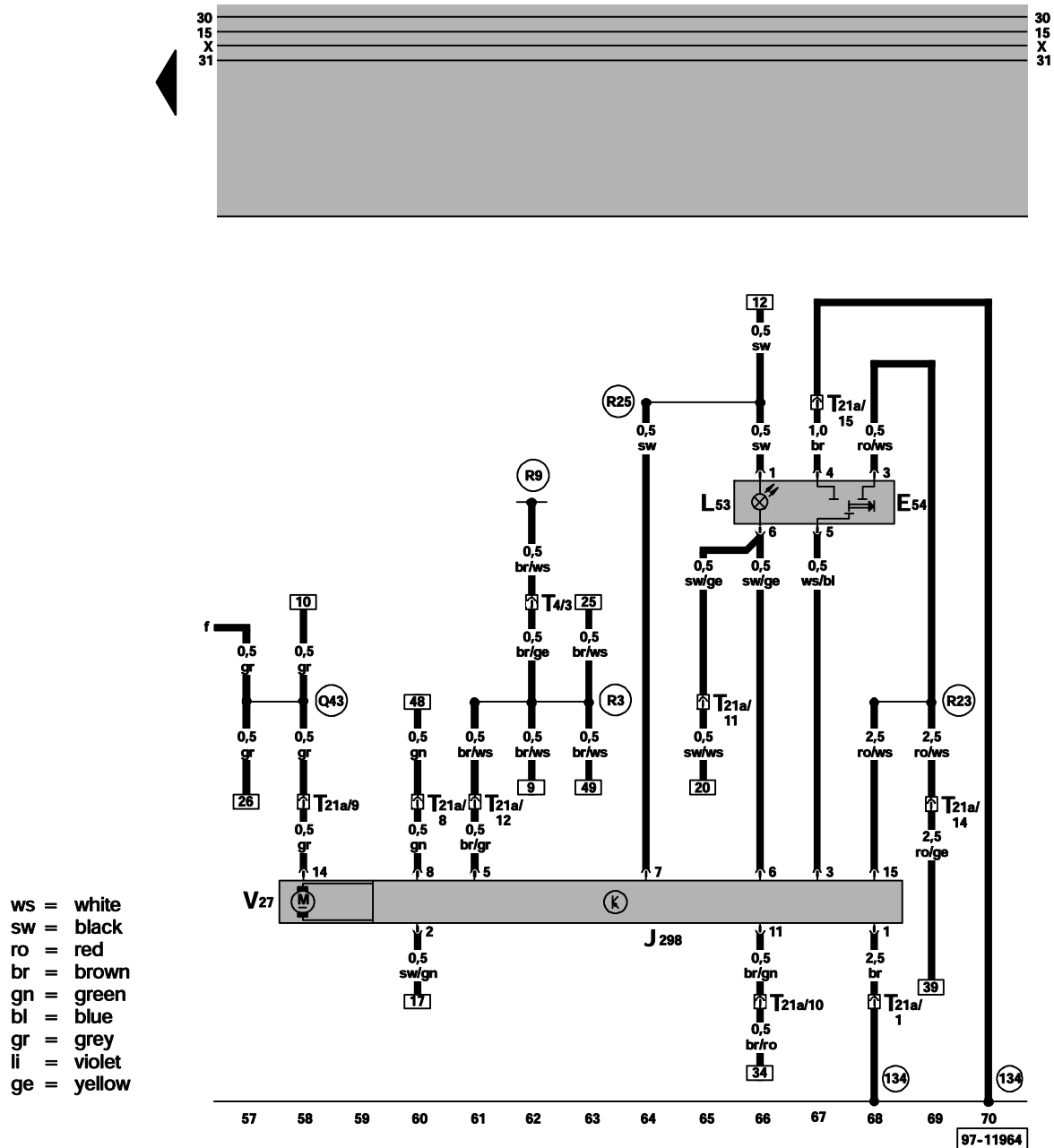
- (30) - Ground connection, -1-, beside fuse/relay panel
- (89) - Ground connection -1-, in power window wiring harness
- (134) - Ground connection -3-, in power window wiring harness
- (Q1) - Plus connection (30), in power window wiring harness



- E41 - Right Front Window Switch, in front passenger's door
F114 - Passenger's Door Central Locking System Switch
J296 - Right Front Power Window Control Module, in front passenger's door
L53 - Power Window Switch Light
T1 - Single Connector
T32a - 32-Pin Connector, on right A-pillar, lower part
V15 - Right Window Motor

- (134) - Ground connection -3-, in power window wiring harness
(206) - Ground connection, in passenger's door wiring harness

- (Q38) - Plus connection (58b) -1-, in power window wiring harness
(Q42) - Wire connection (lock open), in power window wiring harness
(R16) - Plus connection -1- (30), in passenger's door wiring harness
(R29) - Wire connection -1- (open), in passenger's door wiring harness
(R30) - Wire connection -1- (closed), in passenger's door wiring harness



- E54 - Right Rear Window Switch, in right rear door
 J298 - Right Rear Power Window Control Module, in right rear door
 L53 - Power Window Switch Light
 T4 - 4-Pin Connector
 T21a - 21-Pin Connector, on right B-pillar
 V27 - Right Rear Door Window Motor

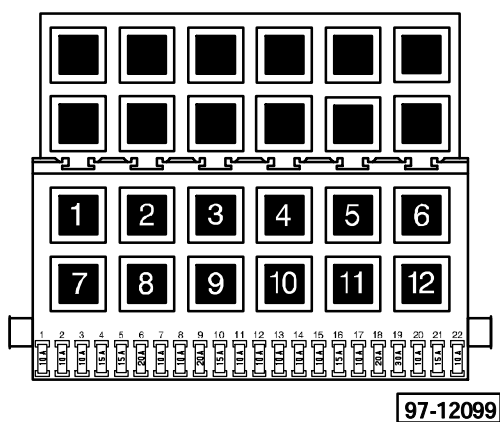
- (R9) - Wire connection (door contact switch), in rear door wiring harness
 (R23) - Plus connection -1- (30), in right rear door wiring harness
 (R25) - Plus connection -3- (15), in right rear door wiring harness

- (Q43) - Wire connection (lock closed), in power window wiring harness
 (R3) - Wire connection (door contact switch, right and left), in power window wiring harness

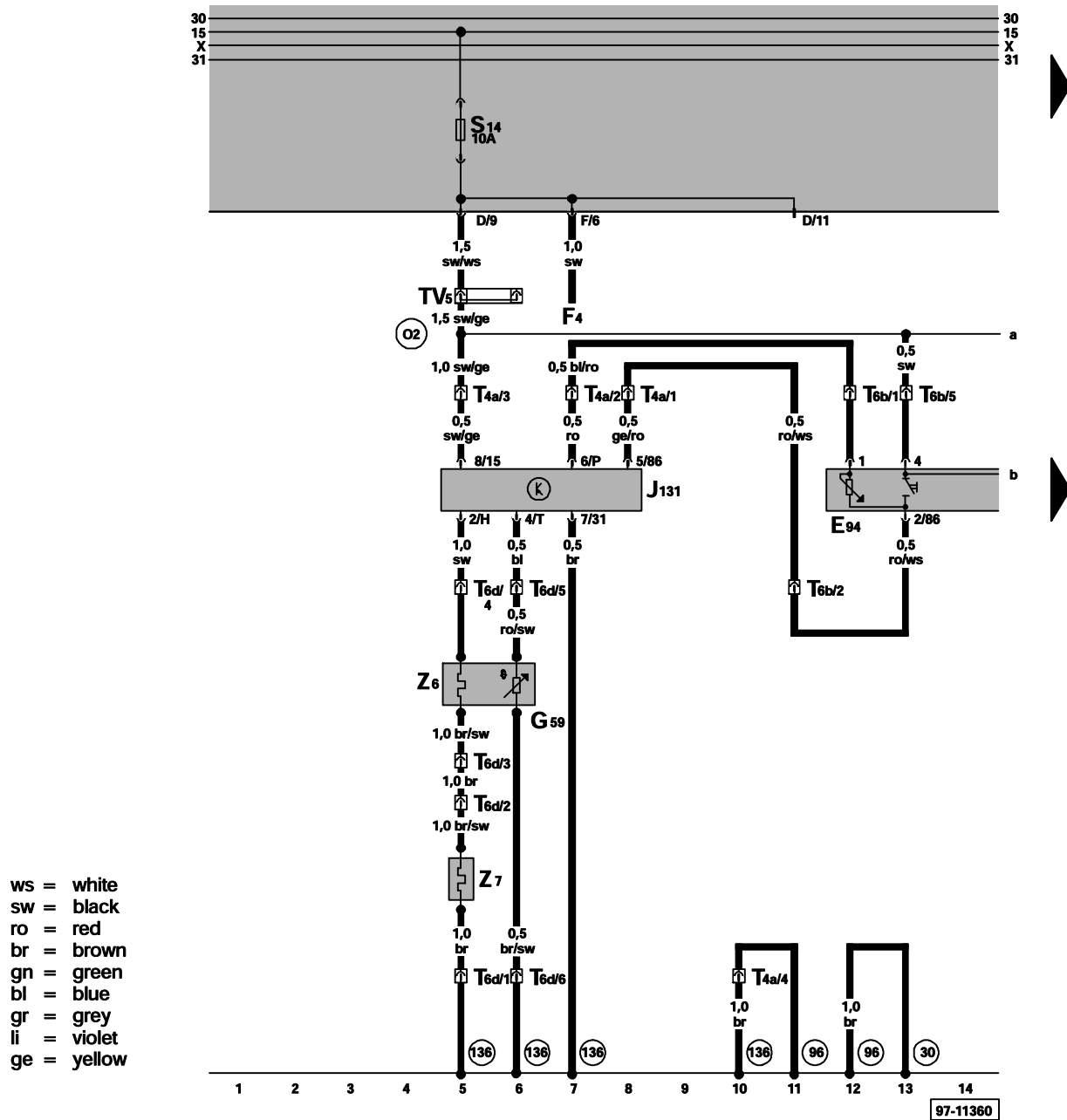
eated seats,
from August 1994

Relay location

For relay location and multiple connectors see also section "component locations".

**Fuse colors**

30A – green
25A – white
20A – yellow
15A – blue
10A – red



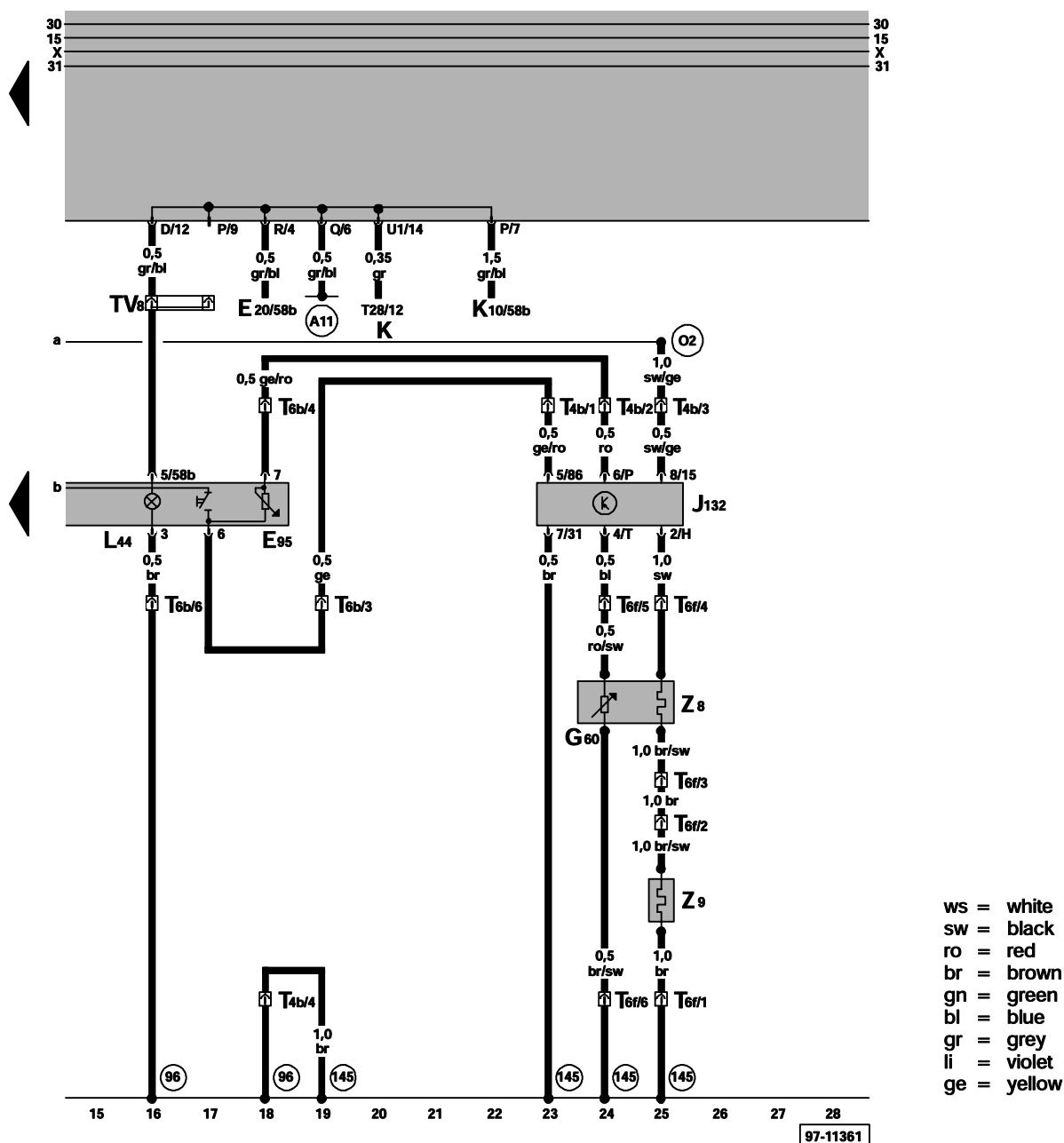
E94 – Driver's Seat Heat Regulating Switch
F4 – Back-Up Light Switch
G59 – Driver's Seat Heater Temperature Sensor
J131 – Driver's Seat Heater Control Module
T4a – 4-Pin Connector, below driver's seat
T6b – 6-Pin Connector, behind fuse/relay panel
T6d – 6-Pin Connector, below driver's seat
TV5 – Terminal 15a Wire Connector
Z6 – Driver's Seat Heat Element
Z7 – Driver's Backrest Heat Element

(136) – Ground connection –2–, in heated seats wiring harness

(02) – Plus connection (15), in heated seats wiring harness

(30) – Ground connection, –1–, beside fuse/relay panel

(96) – Ground connection –1–, in heated seats wiring harness



- E20 – Instrument Panel Light Dimmer Switch
- E95 – Passenger's Seat Heat Regulating Switch
- G60 – Passenger Seat Heater Temperature Sensor
- J132 – Passenger's Seat Heater Control Module
- K – Instrument Cluster
- K10 – Rear Window Defogger Indicator Light
- L44 – Seat Heater Switch Illumination Light
- T4 – 4-Pin Connector, below passenger's seat
- T6b – 6-Pin Connector, behind fuse/relay panel
- T6f – 6-Pin Connector, below passenger's seat
- T28 – 28-Pin Connector, on instrument cluster
- Tv8 – Terminal 58b Wire Connector
- Z8 – Passenger's Seat Heat Element
- Z9 – Passenger's Backrest Heat Element

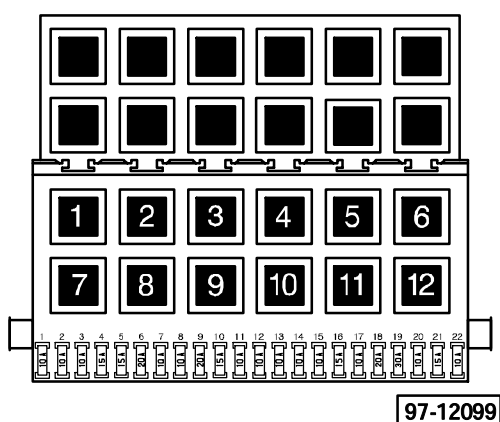
- 96 – Ground connection – 1 –, in heated seats wiring harness
- 145 – Ground connection – 3 –, in heated seats wiring harness
- A11 – Plus connection (58b) in instrument panel wiring harness
- O2 – Plus connection (15), in heated seats wiring harness

Interior light with delay switch, rear reading lights, make up mirror lights

from August 1994

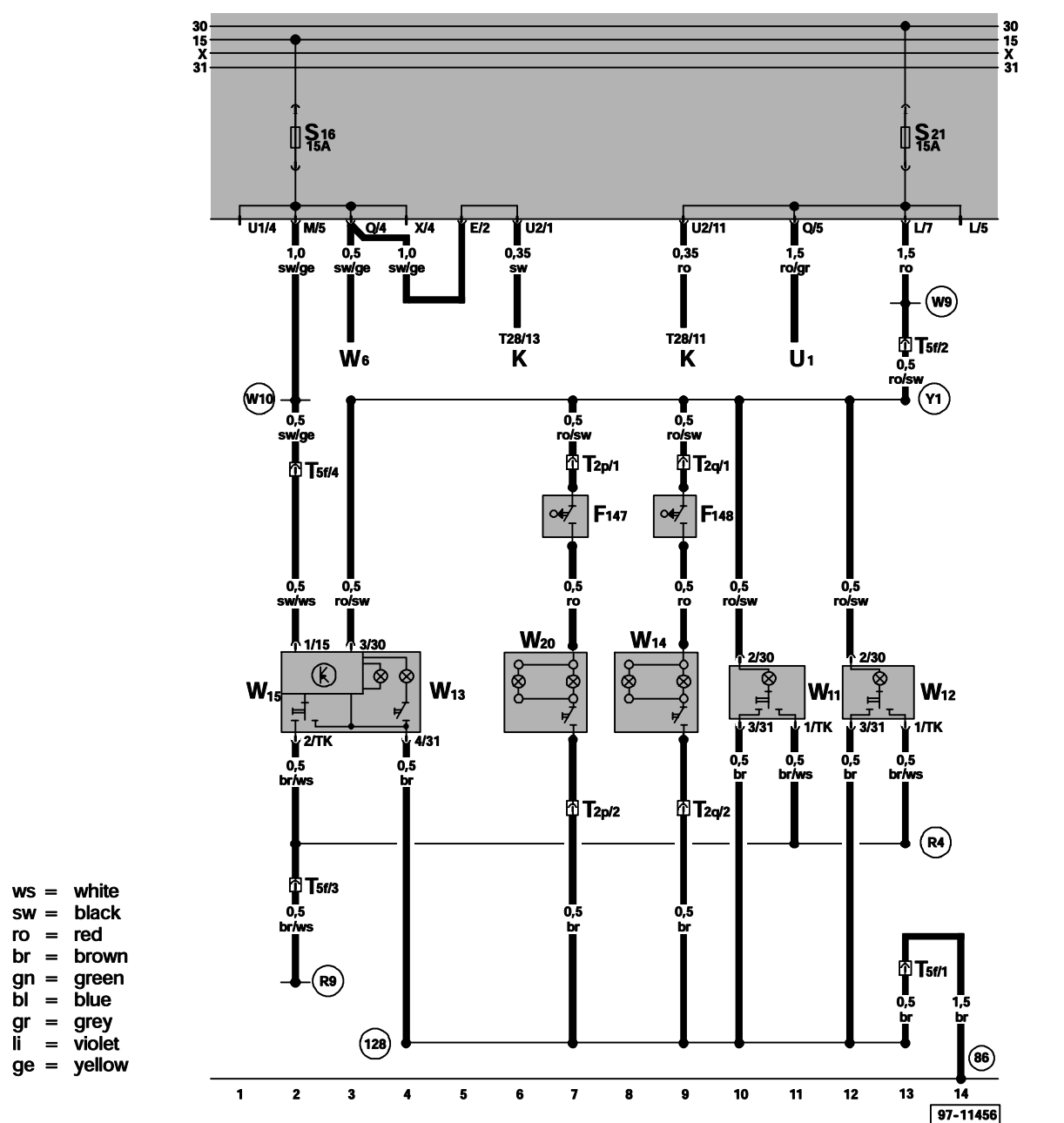
Relay location

For relay location and multiple connectors see also section "component locations".



Fuse colors

30A – green
25A – white
20A – yellow
15A – blue
10A – red



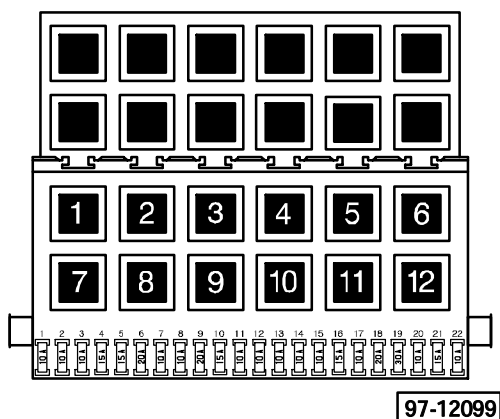
- F147 – Left Make-Up Mirror Light Switch
- F148 – Right Make-Up Mirror Light Switch
- K – Instrument Cluster
- T2p – Double Connector, on left A-pillar, upper part
- T2q – Double Connector, on right A-pillar, upper part
- T5f – 5-Pin Connector, left A-pillar, near fuse/relay panel
- T28 – 28-Pin Connector, on instrument cluster
- U1 – Cigarette Lighter
- W6 – Glove Compartment Light
- W11 – Left Rear Reading Light
- W12 – Right Rear Reading Light
- W13 – Right Front Map/Reading Light
- W14 – Right Make-Up Mirror Light
- W15 – Interior Light With Delay Switch
- W20 – Left Make-Up Mirror Light

- 86 – Ground connection – 1 –, in rear wiring harness
- 128 – Ground connection – 1 –, in interior light wiring harness
- R4 – Wire connection – 1 –, in interior light wiring harness
- R9 – Wire connection (door contact switch), in rear door wiring harness
- W9 – Plus connection (30), in rear wiring harness
- W10 – Plus connection (15), in rear wiring harness
- Y1 – Plus connection (30), in interior light wiring harness

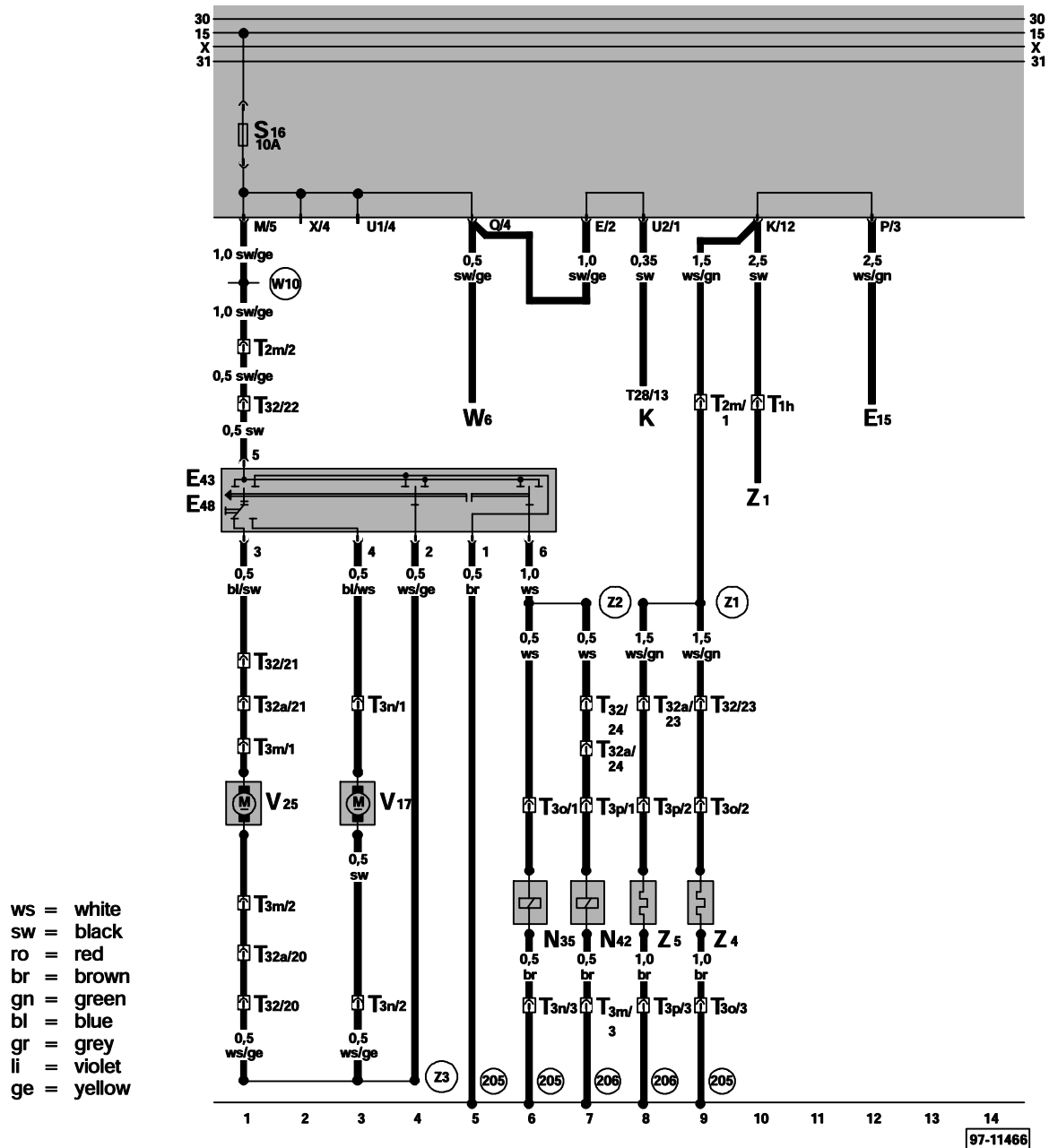
eated power mirrors,
from August 1994

Relay location

For relay location and multiple connectors see also section "component locations".

**Fuse colors**

30A – green
25A – white
20A – yellow
15A – blue
10A – red



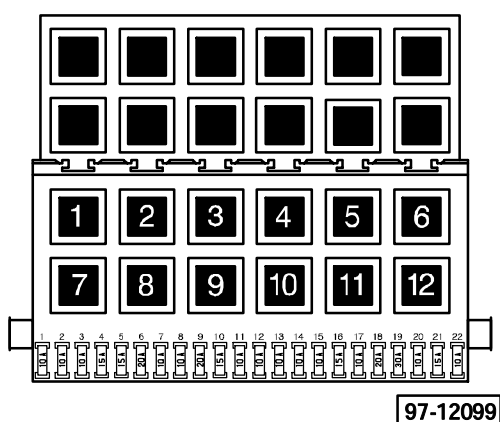
- E15 - Rear Window Defogger Switch
- E43 - Mirror Adjustment Switch
- E48 - Mirror Selector Switch
- K - Instrument Cluster
- N35 - Driver's Side Mirror Magnetic Clutch
- N42 - Passenger's Side Mirror Magnetic Clutch
- T1h - Single Connector, in luggage compartment, left
- T2m - Double Connector, behind fuse/relay panel
- T3m - 3-Pin Connector, in passenger's door
- T3n - 3-Pin Connector, in driver's door
- T3o - 3-Pin Connector, in driver's door
- T3p - 3-Pin Connector, in passenger's door
- T28 - 28-Pin Connector, in instrument cluster
- T32 - 32-Pin Connector, on left A-pillar
- T32a - 32-Pin Connector, on right A-pillar
- V17 - Driver's Side Mirror Adjustment Motor
- V25 - Passenger's Side Mirror Adjustment Motor
- W6 - Glove Compartment Light
- Z1 - Rear Window Defogger/Heat Element
- Z4 - Driver's Side Heated Mirror
- Z5 - Passenger's Side Heated Mirror

- (205) - Ground connection, in driver's door wiring harness
- (206) - Ground connection, in passenger's door wiring harness
- (W10) - Plus connection (15), in rear wiring harness
- (Z1) - Wire connection -1-, in power heated mirror wiring harness
- (Z2) - Wire connection -2-, in power heated mirror wiring harness
- (Z3) - Wire connection -3-, in power heated mirror wiring harness

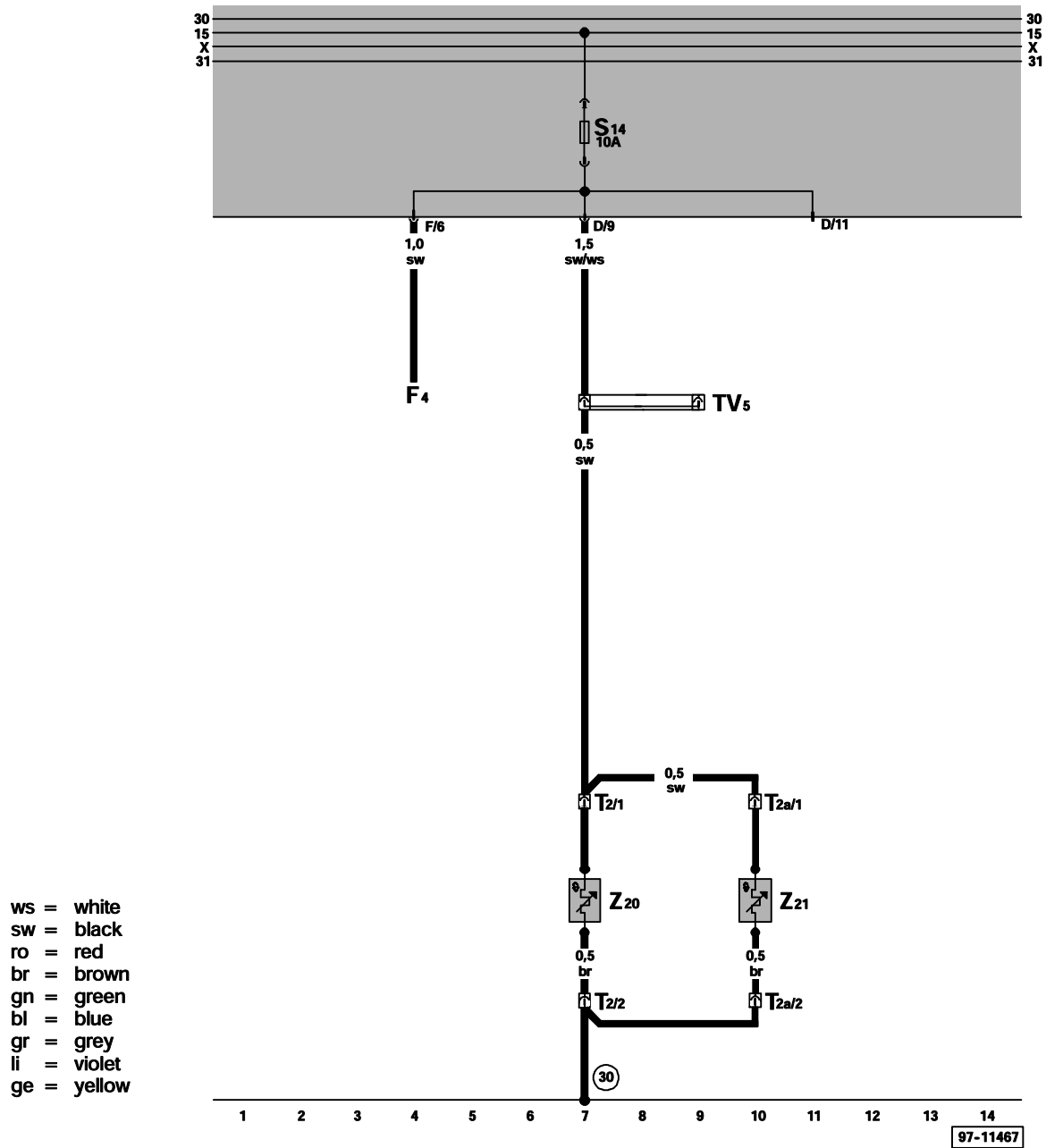
eated was er no les,
from August 1994

Relay location

For relay location and multiple connectors see also section "component locations".

**Fuse colors**

30A – green
25A – white
20A – yellow
15A – blue
10A – red



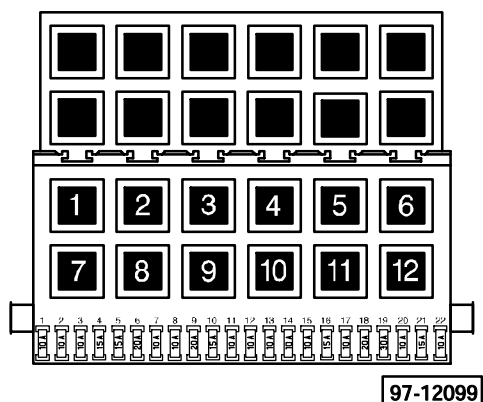
- F4 – Back-Up Light Switch
 T2 – Double Connector, on engine hood
 T2a – Double Connector, on engine hood
 TV5 – Terminal 15a Wire Connector, above fuse/relay panel
 Z20 – Left Washer Nozzle Heater
 Z21 – Right Washer Nozzle Heater

(30) – Ground connection, –1–, beside fuse/relay panel

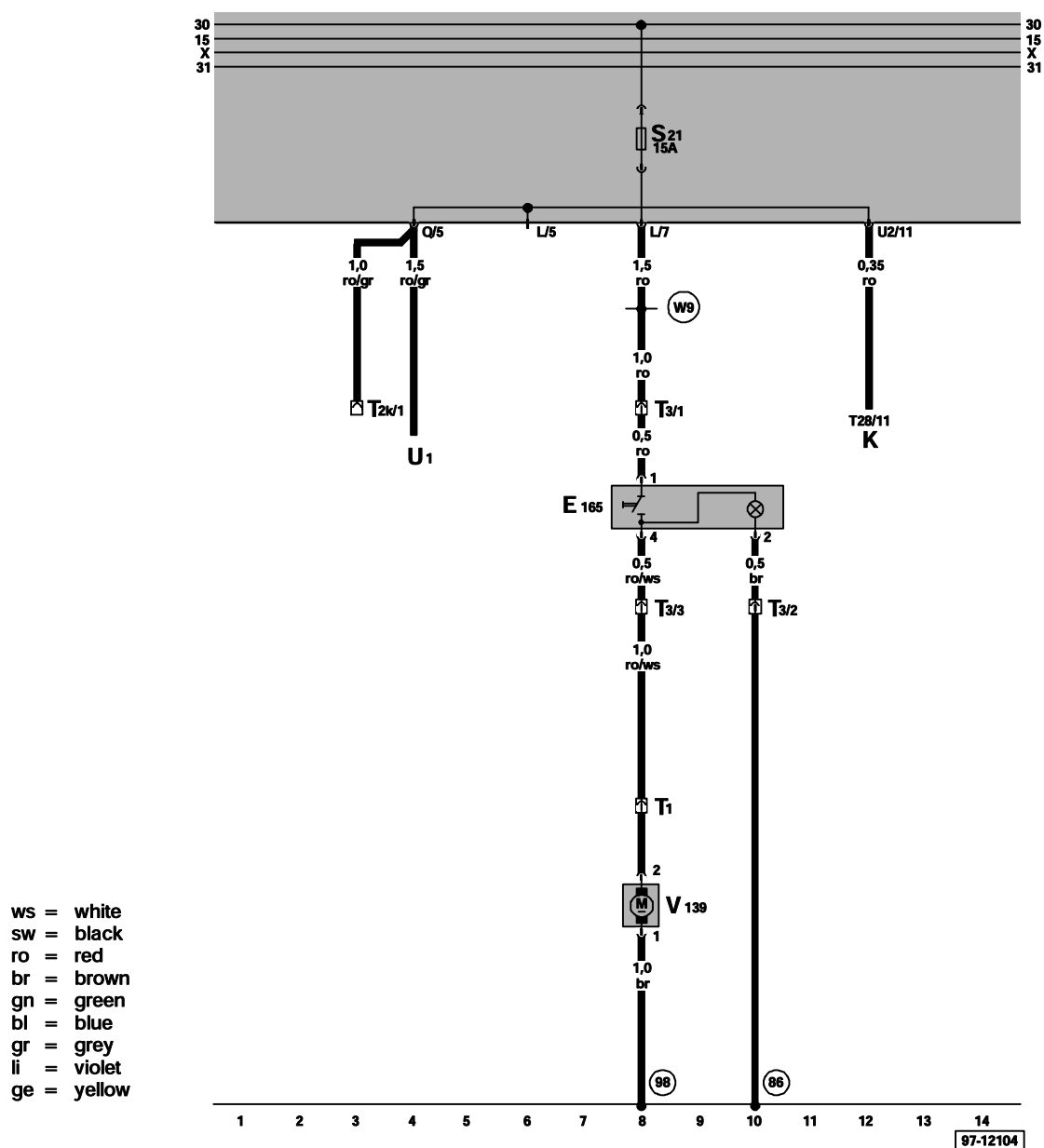
run lid release, sedan only,
from August 1994

Relay location

For relay location and multiple connectors see also section "component locations".

**Fuse colors**

30A – green
25A – white
20A – yellow
15A – blue
10A – red



- E165 – Trunk Lid Release Switch
 K – Instrument Cluster
 T1 – Single Connector, in luggage compartment, left
 T2k – Double Connector, behind fuse/relay panel
 T3 – 3-Pin Connector, near parking brake lever, below console
 T28 – 28-Pin Connector, on instrument cluster
 U1 – Cigarette Lighter
 V139 – Trunk Lid Release Motor

- (86) – Ground connection – 1 –, in rear wiring harness

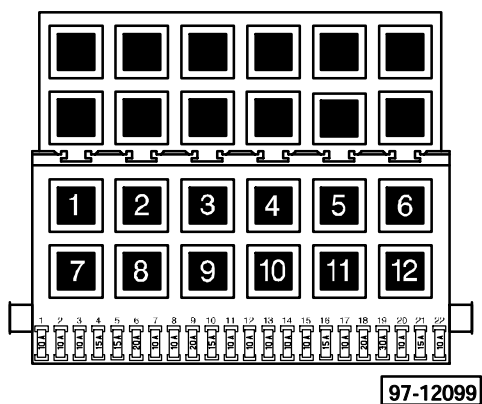
- (98) – Ground connection, in rear lid wiring harness
 (W9) – Plus connection (30), in rear wiring harness

Cruise control,

from August 1994

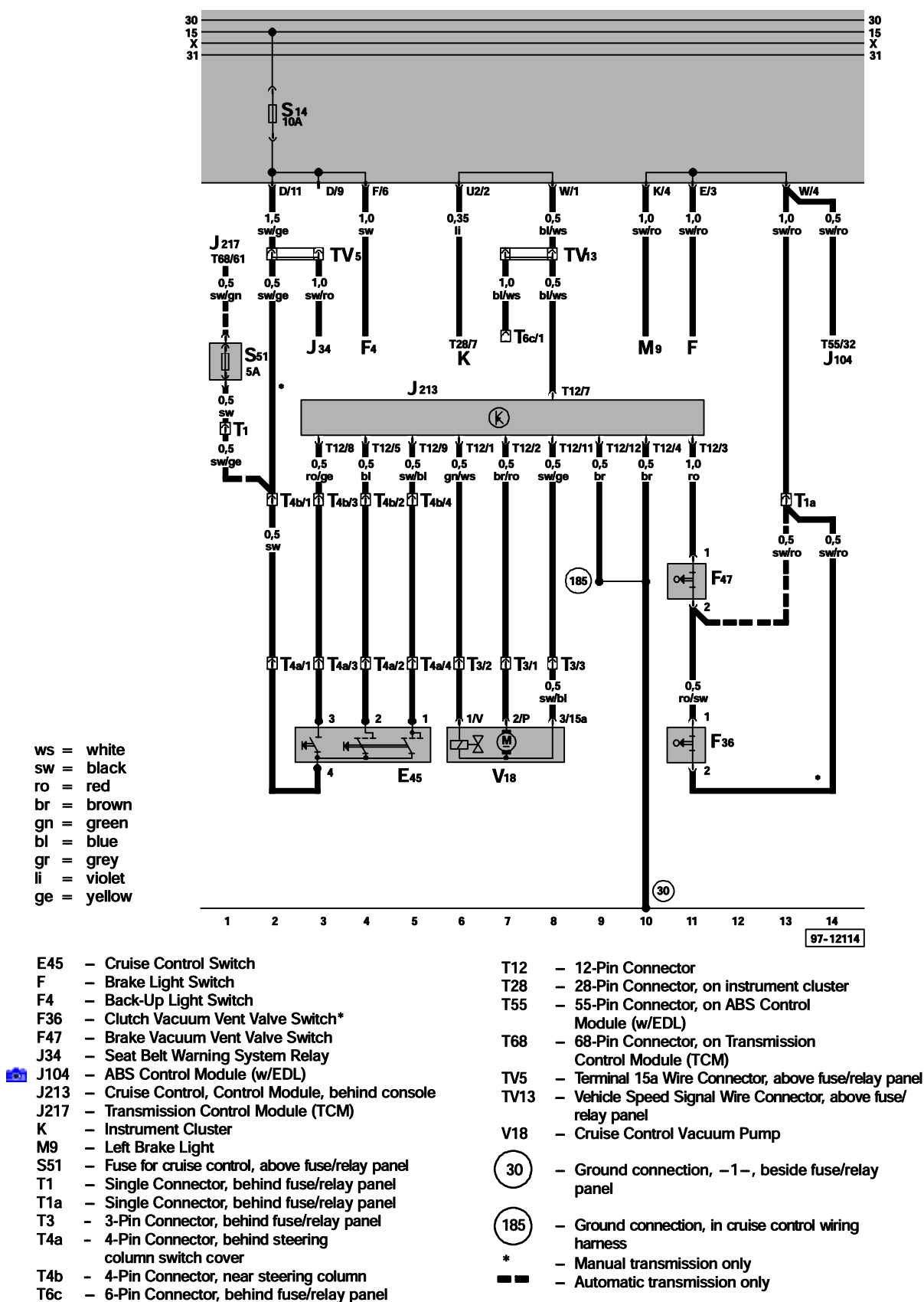
Relay location

For relay location and multiple connectors see also section "component locations".



Fuse colors

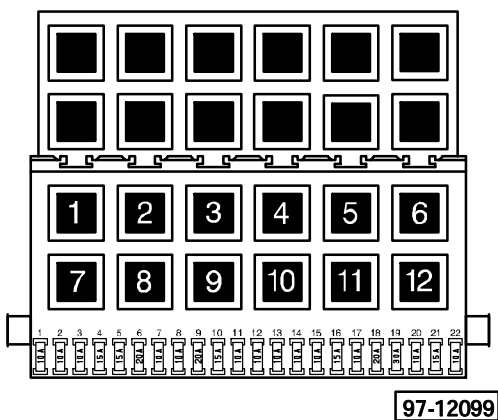
30A – green
25A – white
20A – yellow
15A – blue
10A – red



Central locking system and anti theft alarm system, from August 1994

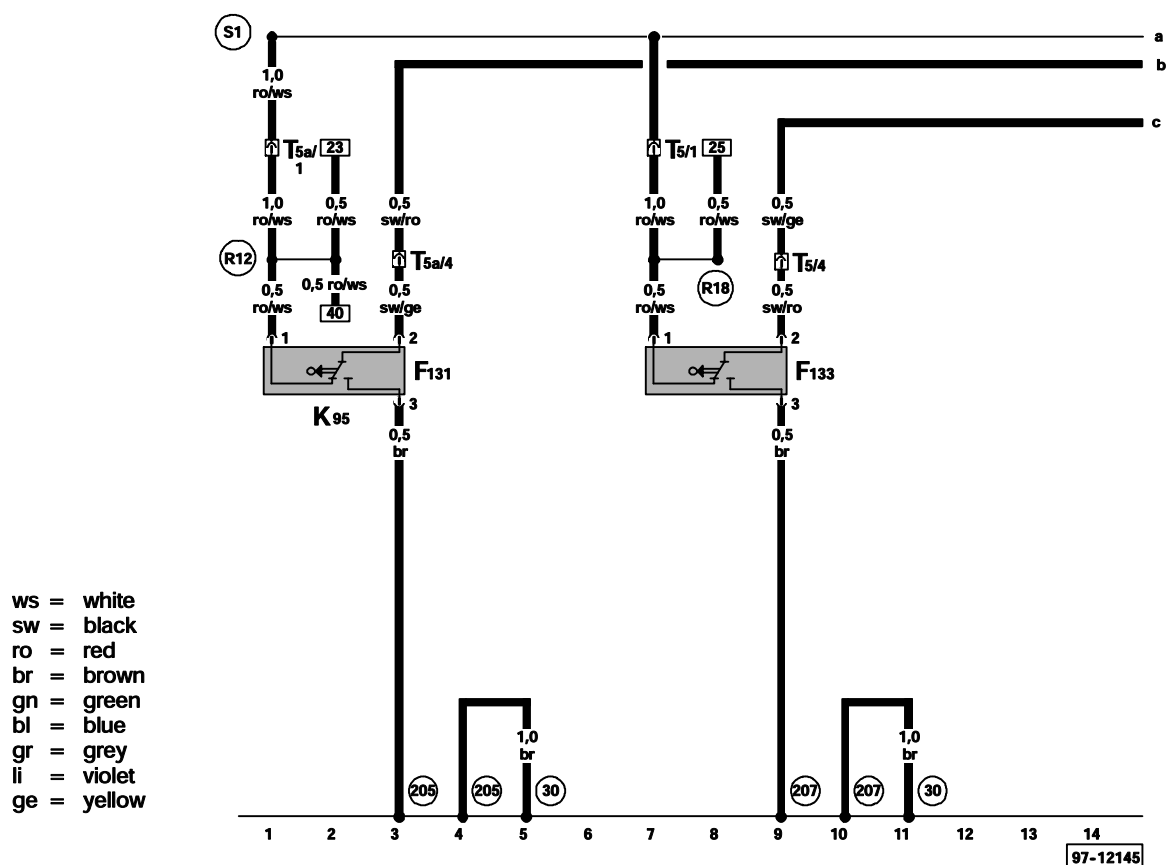
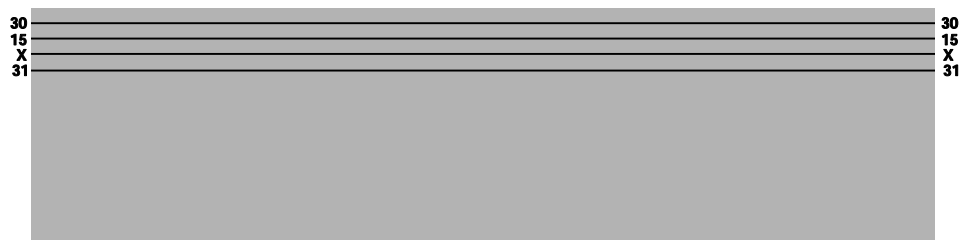
Relay location

For relay location and multiple connectors see also section "component locations".



Fuse colors

30A – green
25A – white
20A – yellow
15A – blue
10A – red



F131 – Left Front Central Locking System
Activator/Switch

F133 – Right Front Central Locking System
Activator/Switch

T5 – 5-Pin Connector, on B-pillar, right

T5a – 5-Pin Connector, on B-pillar, left

(30) – Ground connection, –1–, beside
fuse/relay panel

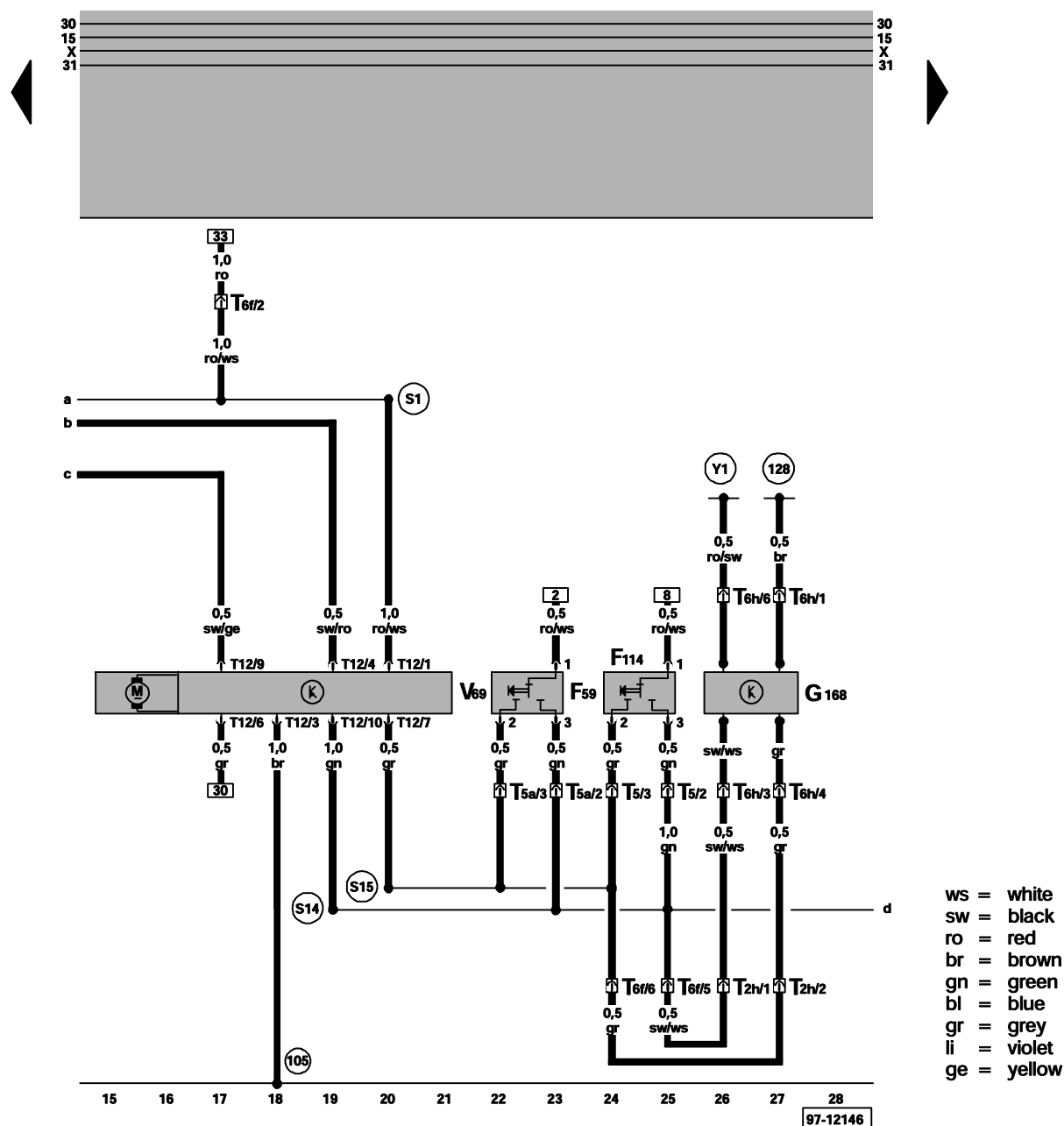
(205) – Ground connection, in driver's door
wiring harness

(207) – Ground connection, in left rear door
wiring harness

(R12) – Plus connection –3– (30), in driver's
door wiring harness

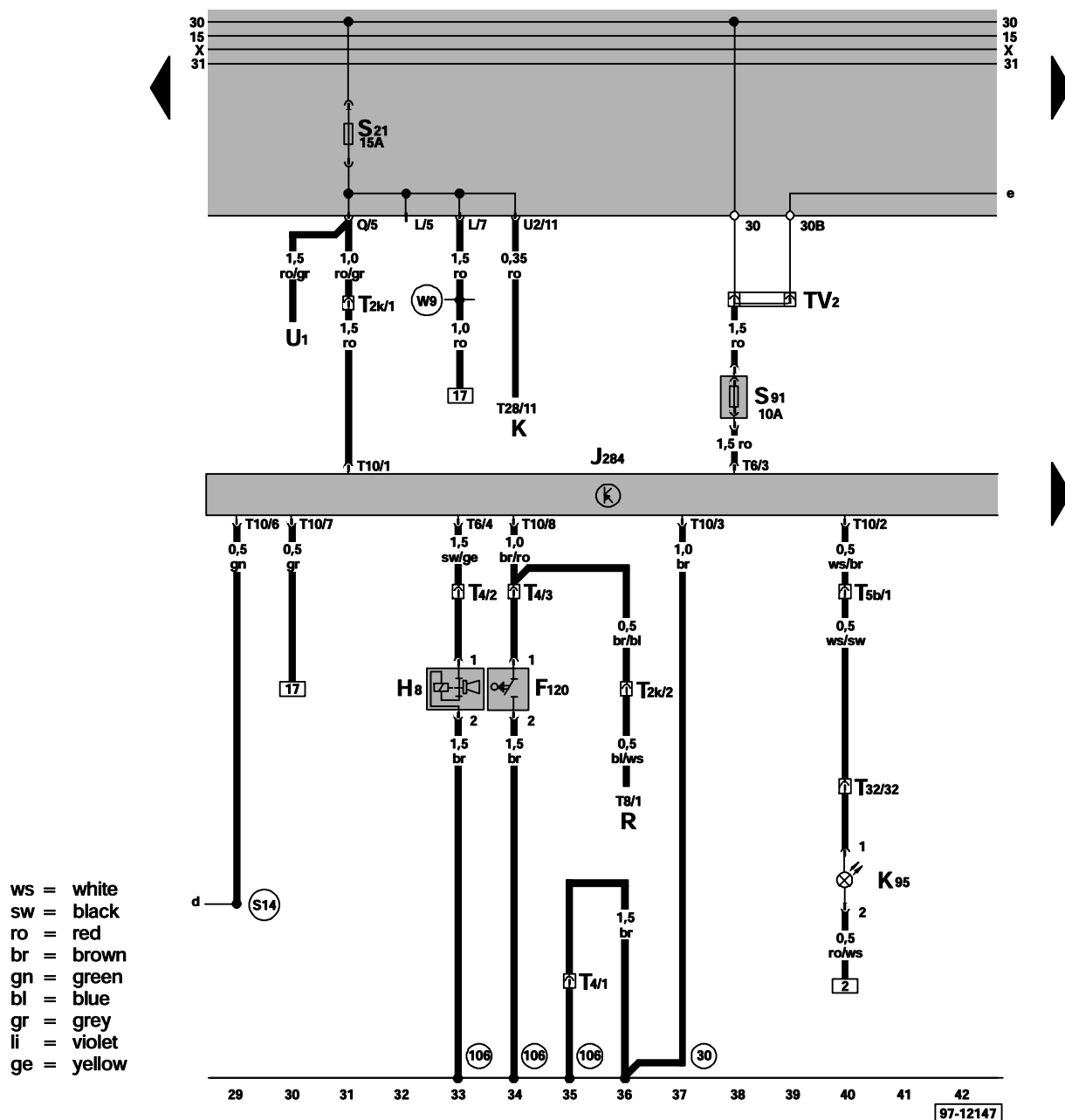
(R18) – Plus connection –3– (30), in passenger's
door wiring harness

(S1) – Plus connection (30) –1–, in central
locking system wiring harness



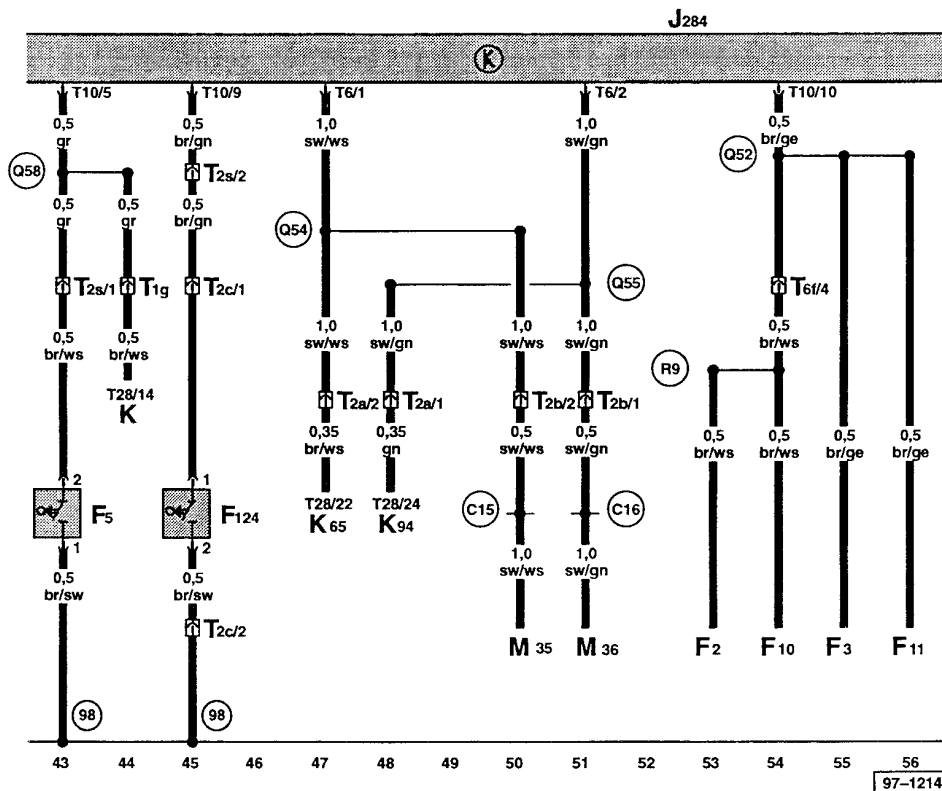
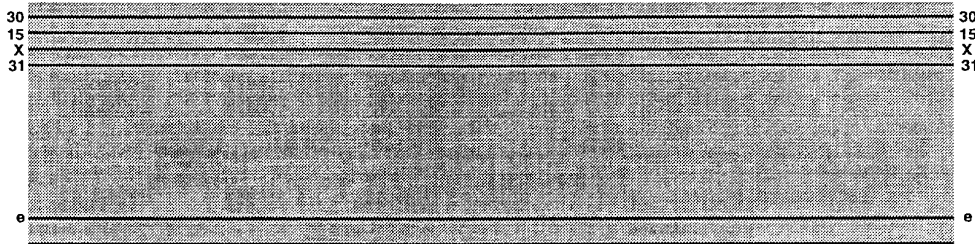
- F59 – Driver's Door Central Locking System Switch
F114 – Passenger's Door Central Locking System Switch
G168 – Infrared Sensor for Central Locking
T2h – Double Connector, behind fuse/relay panel
T5 – 5-pin Connector, on B-pillar, right
T5a – 5-Pin Connector, on B-pillar, left
T6f – 6-Pin Connector, below rear seat bench
T6h – 6-Pin Connector, in inside rear mirror
T12 – 12-pin Connector
V69 – Central Locking System Pump and Control Module
105 – Ground connection – 1 –, in central locking system wiring harness

- 128 – Ground connection – 1 –, in interior light wiring harness
S1 – Plus connection (30) – 1 –, in central locking system wiring harness
S14 – Wire connection (open), in central locking system wiring harness
S15 – Wire connection (closed), in central locking system wiring harness
Y1 – Plus connection (30), in interior light wiring harness



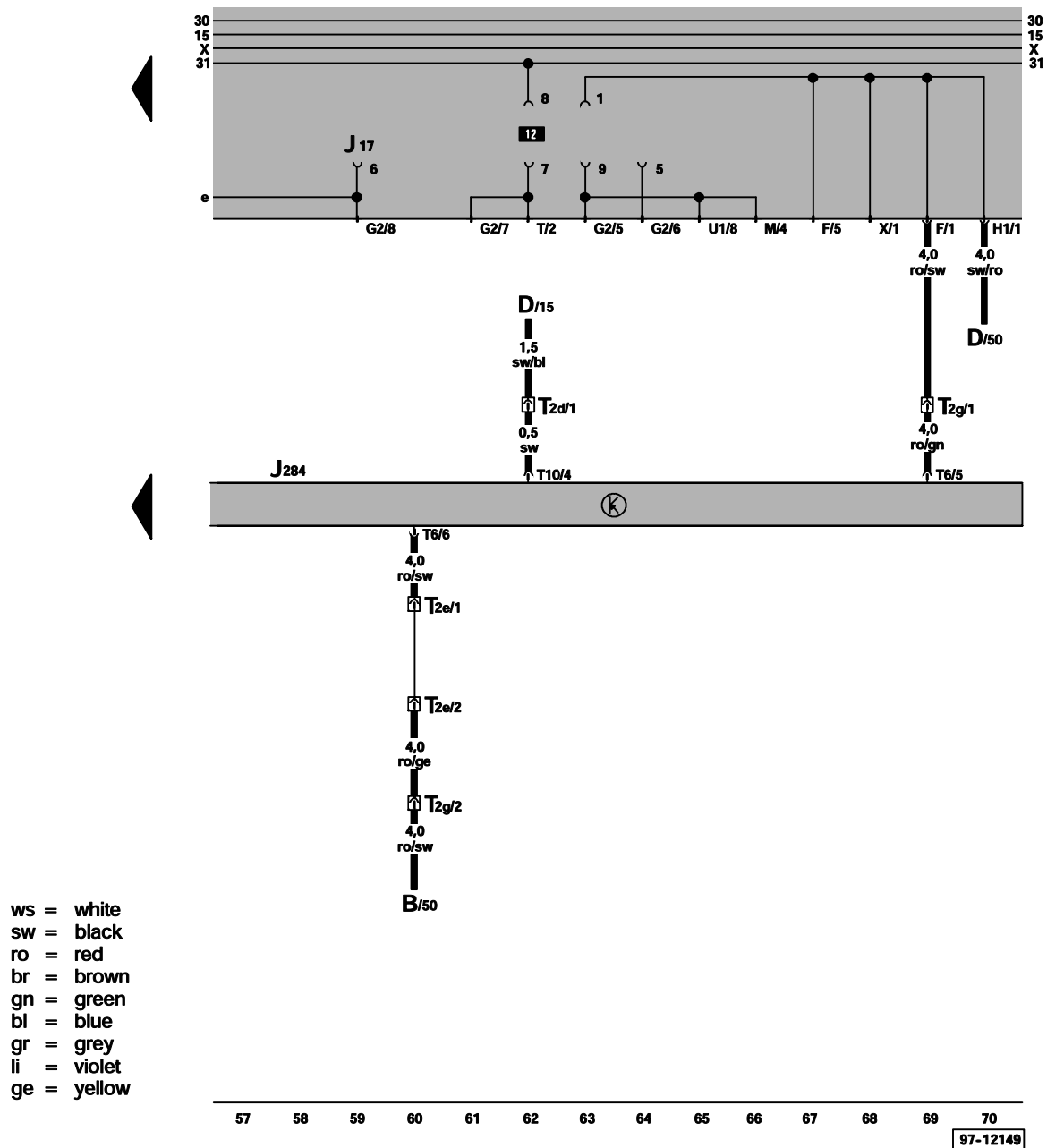
F120 – Hood Alarm Switch
 H8 – Alarm Horn
 J284 – Alarm System Control Module, behind instrument panel, left, above fuse/relay panel
 K – Instrument Cluster
 K95 – Alarm System Indicator Light
 R – Radio
 S91 – Alarm System Control Module Fuse
 T2k – Double Connector, behind fuse/relay panel
 T4 – 4-Pin Connector, behind fuse/relay panel
 T5b – 5-Pin Connector, on left A-pillar, lower part
 T6 – 6-Pin Connector
 T8 – 8-Pin Connector, on radio
 T10 – 10-Pin Connector
 T28 – 28-Pin Connector, on instrument cluster

T32 – 32-Pin Connector, on left A-pillar, lower part
 TV2 – Terminal 30 (B+) Wire Connector, behind fuse/relay panel
 U1 – Cigarette Lighter
 (30) – Ground connection, –1–, beside fuse/relay panel
 (106) – Ground connection, in alarm system wiring harness
 (S₁₄) – Wire connection (open), in central locking system wiring harness
 (W₉) – Plus connection (30), in rear wiring harness



- F2 – Door Contact Switch – Driver's Side
- F3 – Door Contact Switch – Passenger's Side
- F5 – Luggage Compartment Light Switch
- F10 – Left Rear Door Contact Switch
- F11 – Right Rear Door Contact Switch
- F124 – Trunk Lock Alarm Switch
- J284 – Alarm System Control Module
- K – Instrument Cluster
- K65 – Left Turn Signal Indicator Light
- K94 – Right Turn Signal Indicator Light
- M35 – Left Front Turn Signal and Side Marker Light
- M36 – Right Front Turn Signal and Side Marker Light
- T1g – Single Connector, behind fuse/relay panel
- T2a – Double Connector, behind fuse/relay panel
- T2b – Double Connector, behind fuse/relay panel
- T2c – Double Connector, in rear lid
- T2s – Double Connector, in luggage compartment, left

- T6 – 6-Pin Connector
- T10 – 10-Pin Connector
- T28 – 28-Pin Connector, on instrument cluster
- 98 – Ground connection, in rear lid wiring harness
- C15 – Wire connection –1–, in headlight wiring harness
- C16 – Wire connection –2–, in headlight wiring harness
- Q52 – Wire connection (door contact switch), in alarm system wiring harness
- Q54 – Wire connection (left turn signal), in alarm system wiring harness
- Q55 – Wire connection (right turn signal), in alarm system wiring harness
- Q58 – Wire connection (luggage compartment switch), in alarm system wiring harness
- R9 – Wire connection (door contact switch), in rear door wiring harness



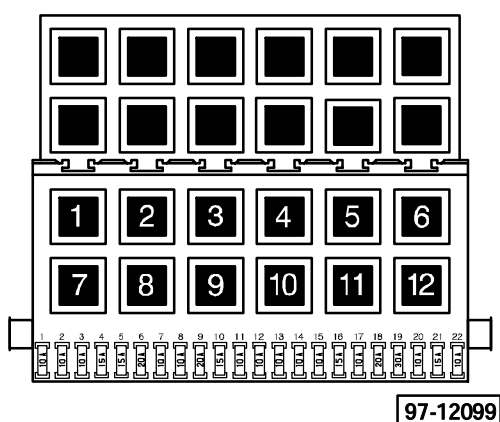
- B – Starter
- D – Ignition/Starter Switch
- J17 – Fuel Pump (FP) Relay
- J284 – Alarm System Control Module, behind instrument panel, left, above fuse/relay panel
- T2d – Double Connector, behind fuse/relay panel
- T2e – Double Connector, behind fuse/relay panel
- T2g – Double Connector, behind fuse/relay panel
- T6 – 6-Pin Connector
- T10 – 10-Pin Connector

Power sunroof,

from August 1994

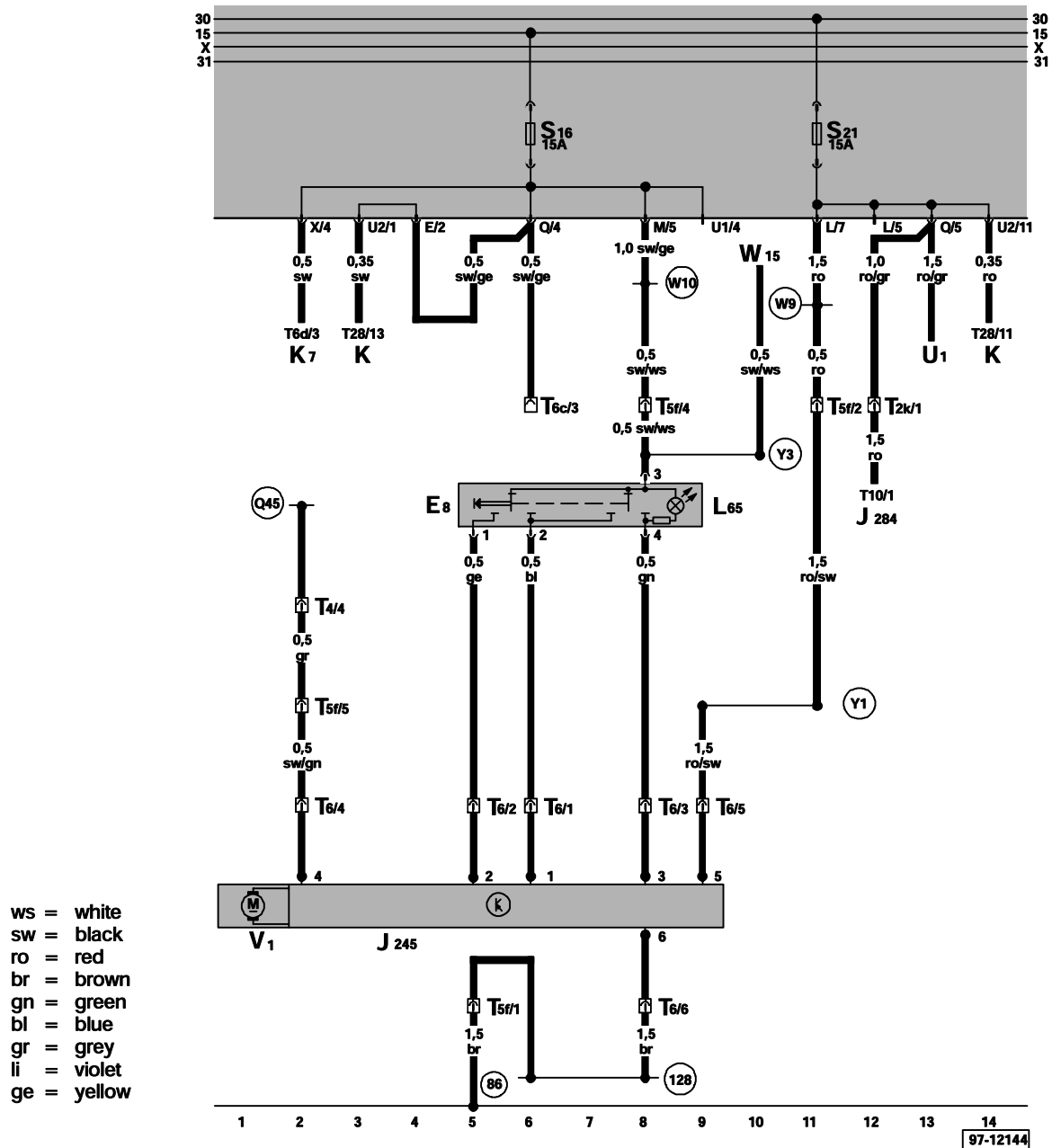
Relay location

For relay location and multiple connectors see also section "component locations".



Fuse colors

30A – green
25A – white
20A – yellow
15A – blue
10A – red



- E8 - Sunroof Switch
- J245 - Power Sunroof Control Module
- J284 - Alarm System Control Module
- K - Instrument Cluster
- K7 - Brake and Parking Brake Warning Light
- L65 - Sunroof Switch Light
- T2k - Double Connector, behind fuse/relay panel
- T4 - 4-Pin Connector, below rear seat bench
- T5f - 5-Pin Connector, behind fuse/relay panel
- T6 - 6-Pin Connector, near interior light
- T6c - 6-Pin Connector, behind fuse/relay panel
- T6d - 6-Pin Connector, on Brake and Parking Brake Warning Light
- T10 - 10-Pin Connector, on Alarm System Control Module
- T28 - 28-Pin Connector, on instrument cluster
- U1 - Cigarette Lighter
- V1 - Sunroof Motor

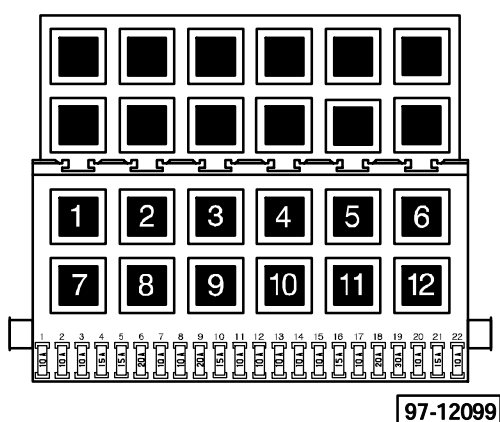
- W15 - Interior Light With Delay Switch
- (86) - Ground connection -1-, in rear wiring harness
- (128) - Ground connection -1-, in interior light wiring harness
- (Q45) - Wire connection (comfort), in power window wiring harness
- (W9) - Plus connection (30), in rear wiring harness
- (W10) - Plus connection (15), in rear wiring harness
- (Y1) - Plus connection (30), in interior light wiring harness
- (Y3) - Plus connection (15), in interior light/sunroof wiring harness

Air ag,

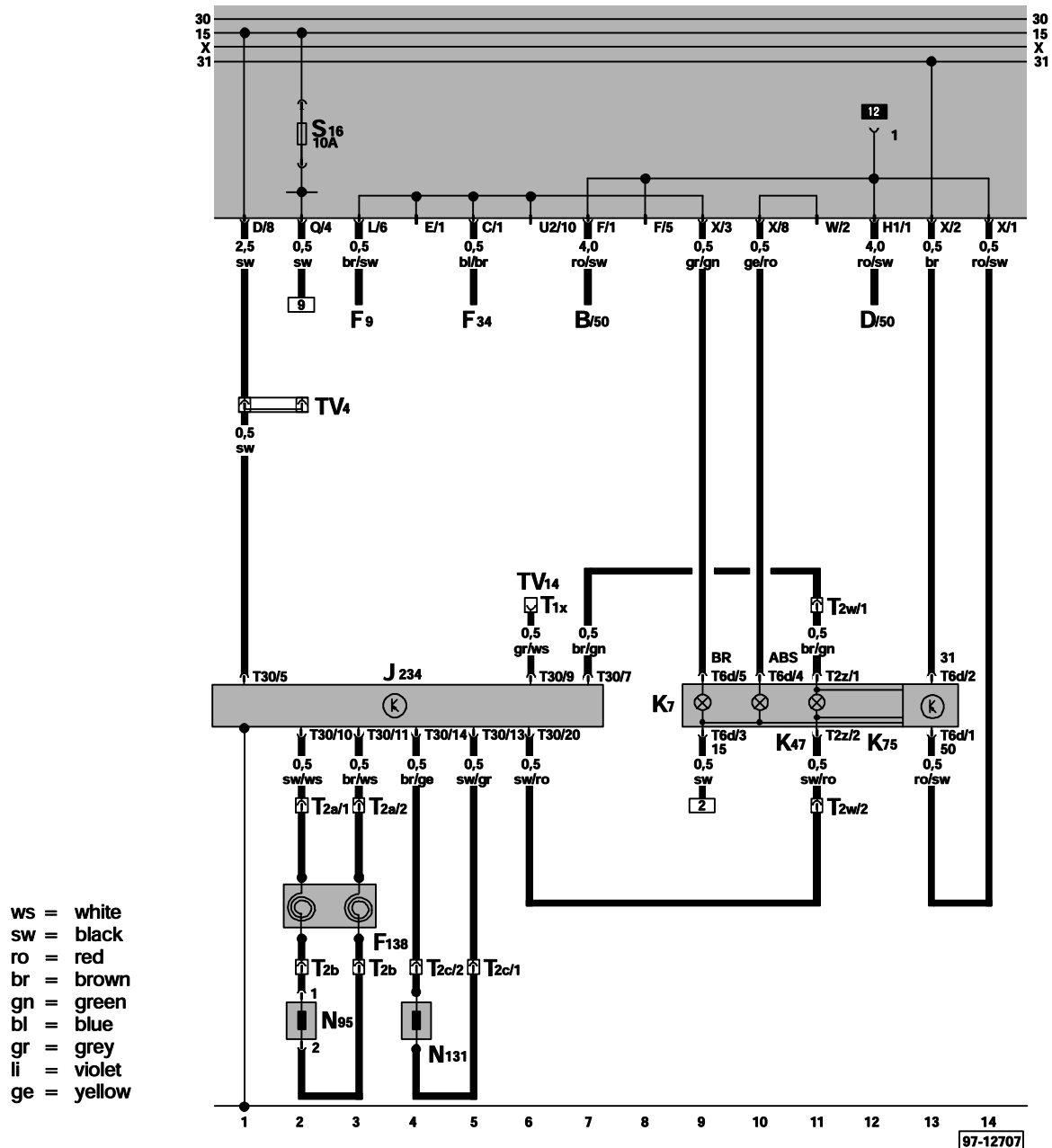
from cto er 1994

Relay location

For relay location and multiple connectors see also section "component locations".

**Fuse colors**

30A – green
25A – white
20A – yellow
15A – blue
10A – red



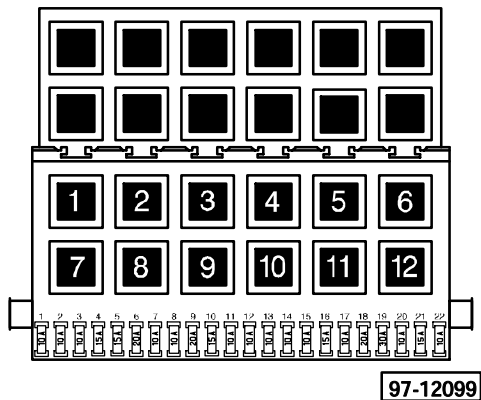
- B – Starter
- D – Ignition/Starter Switch
- F9 – Parking Brake Warning Light Switch (01114)
-  F34 – Brake Fluid Level Warning Switch
- F138 – Airbag Spiral Spring/Return Spring With Slip Ring
- J234 – Airbag Control Module, behind console
- K7 – Brake and Parking Brake Warning Light
- K47 – ABS Warning Light
- K75 – Airbag Malfunction Indicator Lamp (MIL)
- N95 – Driver's Side Airbag Igniter (00588)
- N131 – Passenger's Side Airbag Igniter 1 (00589)
- T1x – Single Connector, on Data Link Connector (DLC) Wire Connector

- T2a – Double Connector, behind steering column switch cover
- T2b – Double Connector, in steering wheel
- T2c – Double Connector, behind instrument panel, right
- T2w – Double Connector, behind fuse/relay panel
- T2z – Double Connector
- T6d – 6-Pin Connector
- T30 – 30-Pin Connector
- TV14 – Data Link Connector (DLC) Wire Connector, behind console

tereo radio wit C c anger and eig t spea ers,
from August 1994

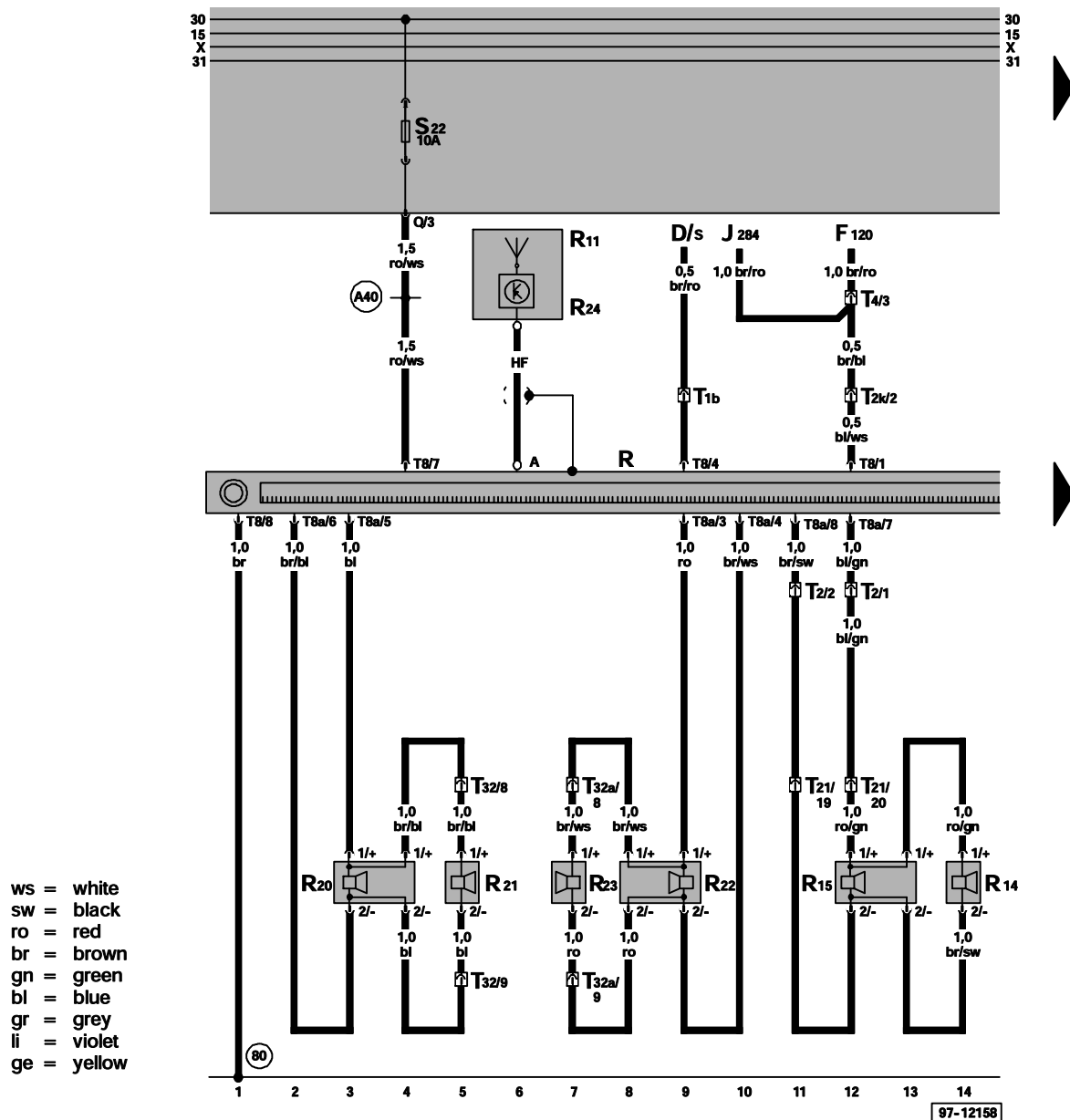
Relay location

For relay location and multiple connectors see also section "component locations".



Fuse colors

30A – green
25A – white
20A – yellow
15A – blue
10A – red

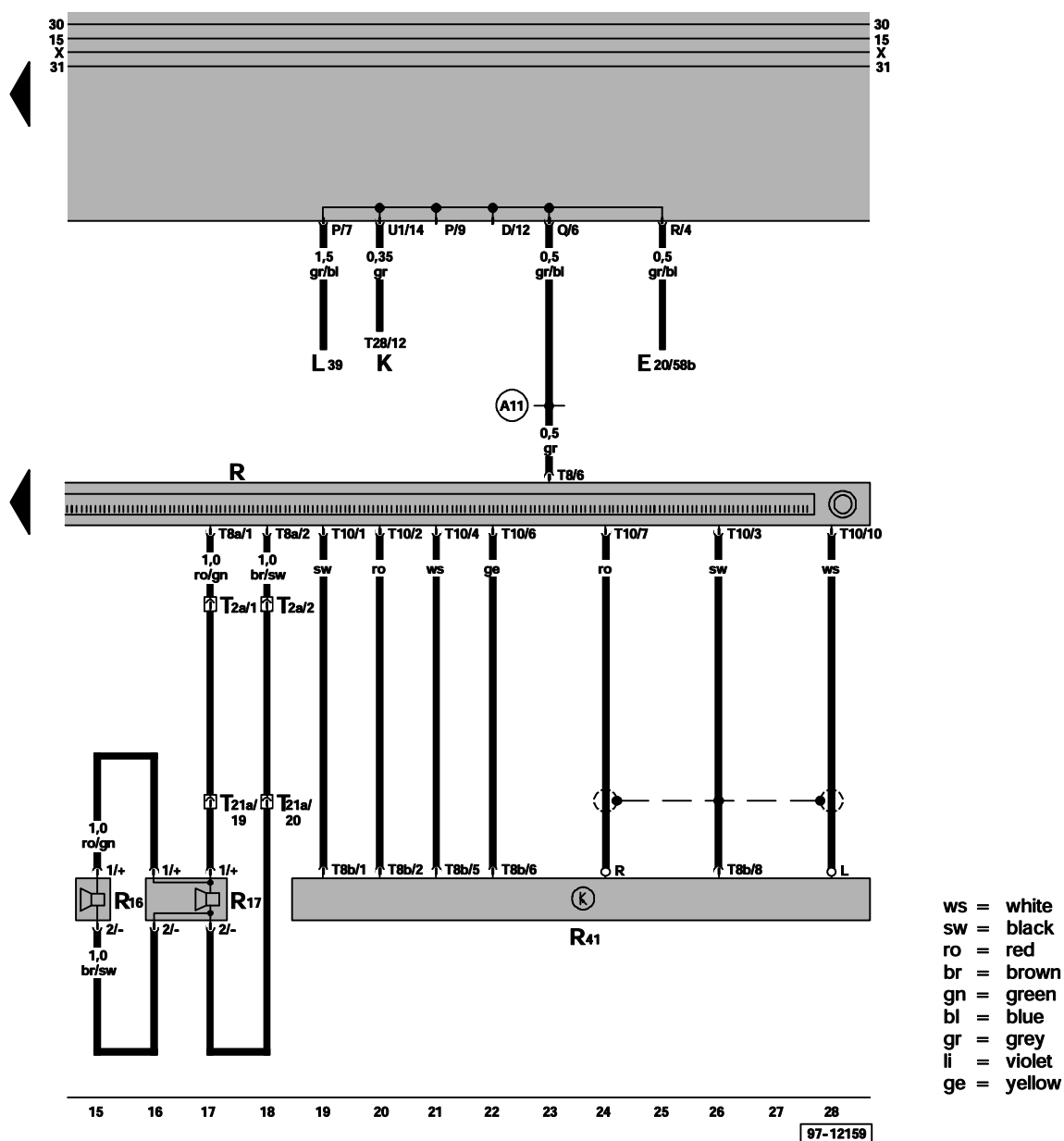


D – Ignition/Starter Switch
F120 – Hood Alarm Switch
J284 – Alarm System Control Module
R – Radio
R11 – Antenna
R14 – Left Rear Tweeter, in door
R15 – Left Rear Woofer, in door
R20 – Left Front Tweeter, in instrument panel
R21 – Left Front Woofer, in driver's door
R22 – Right Front Tweeter, in instrument panel
R23 – Right Front Woofer, in passenger's door
R24 – Antenna Amplifier
T1b – Single Connector, behind fuse/relay panel
T2 – Double Connector, behind fuse/relay panel
T2k – Double Connector, behind fuse/relay panel
T4 – 4-Pin Connector, behind fuse/relay panel

T8 – 8-Pin Connector, on radio
T8a – 8-Pin Connector, on radio
T21 – 21-Pin Connector, behind left B-pillar trim, lower part
T32 – 32-Pin Connector, on left A-pillar, lower part
T32a – 32-Pin Connector, on right A-pillar, lower part

(80) – Ground connection – 1 –, in instrument panel wiring harness

(A40) – Plus connection (30), in instrument panel wiring harness



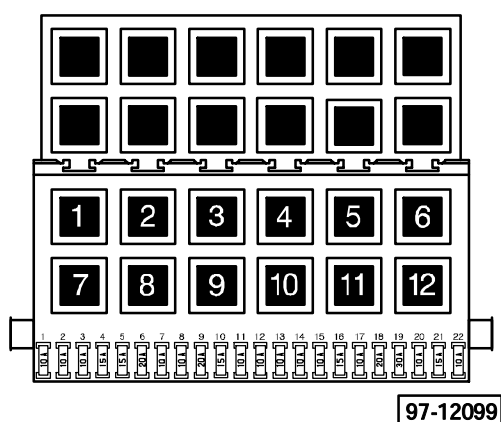
E20 – Instrument Panel Light Dimmer Switch
K – Instrument Cluster
L39 – Rear Window Defogger Switch Light
R – Radio
R16 – Right Rear Tweeter, in door
R17 – Right Rear Woofer, in door
R41 – CD Changer Unit, in luggage compartment
T2a – Double Connector, behind fuse/relay panel
T8 – 8-Pin Connector, on radio
T8a – 8-Pin Connector, on radio
T8b – 8-Pin Connector, on CD changer Unit
T10 – 10-Pin Connector

T21 – 21-Pin Connector, behind right B-pillar trim, lower part
T28 – 28-Pin Connector, on instrument cluster
(A11) – Plus connection (58b) in instrument panel wiring harness

Coolant fan, three speeds, 450W, code AAA, from August 1994

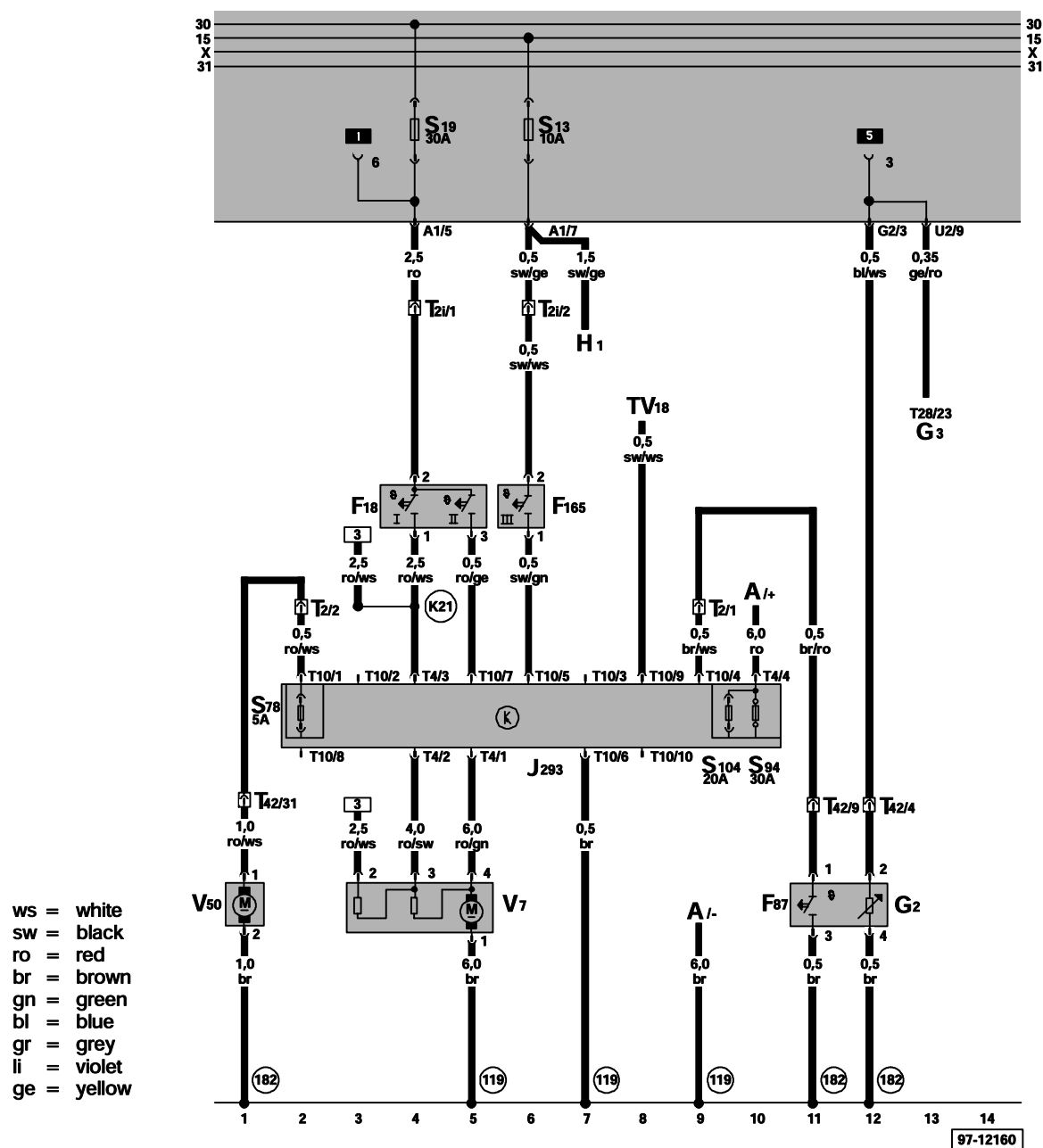
Relay location

For relay location and multiple connectors see also section "component locations".



Fuse colors

30A – green
25A – white
20A – yellow
15A – blue
10A – red



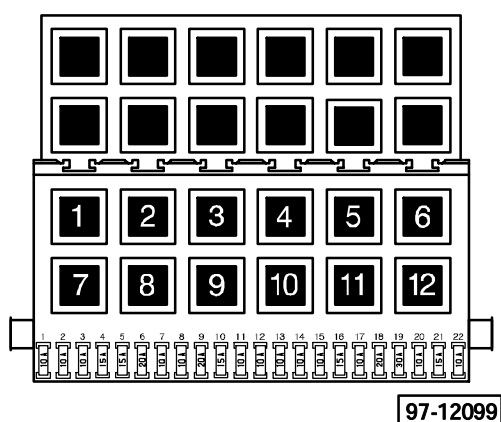
- A - Battery
- F18 - Coolant Fan Control (FC) Thermal Switch*
- F87 - After-Run Coolant Fan Control (FC) Thermal Switch*
- F165 - Third Speed Coolant Fan Control (FC) Thermal Switch*
- G2 - Engine Coolant Temperature (ECT) Sensor (01039)
- G3 - Engine Coolant Temperature (ECT) Gauge
- H1 - Dual Horns
- J293 - Coolant FC (Fan Control) Control Module, in engine compartment, left
- S78 - Engine Coolant Pump Fuse
- S94 - Third Speed Coolant Fan Fuse
- S104 - Second Speed Coolant Fan Fuse
- T2 - Double Connector, behind fuse/relay panel

- T2i - Double Connector, behind fuse/relay panel
- T4 - 4-Pin Connector
- T10 - 10-Pin Connector
- T28 - 28-Pin Connector, on instrument cluster
- T42 - 42-Pin Connector, on left cylinder head
- TV18 - Distributor for Terminal Xa, above fuse/relay panel
- V7 - Coolant Fan
- V50 - Coolant Pump
- (119) - Ground connection -1-, in headlight wiring harness
- (182) - Ground connection -1-, in engine compartment wiring harness (6 Cylinder)
- (K21) - Wire connection -1-, in coolant fan wiring harness
- * - Switch levels see Repair Manual Passat 1994 " Engine

Coolant fan, three speeds, 450W, code AA , from August 1994

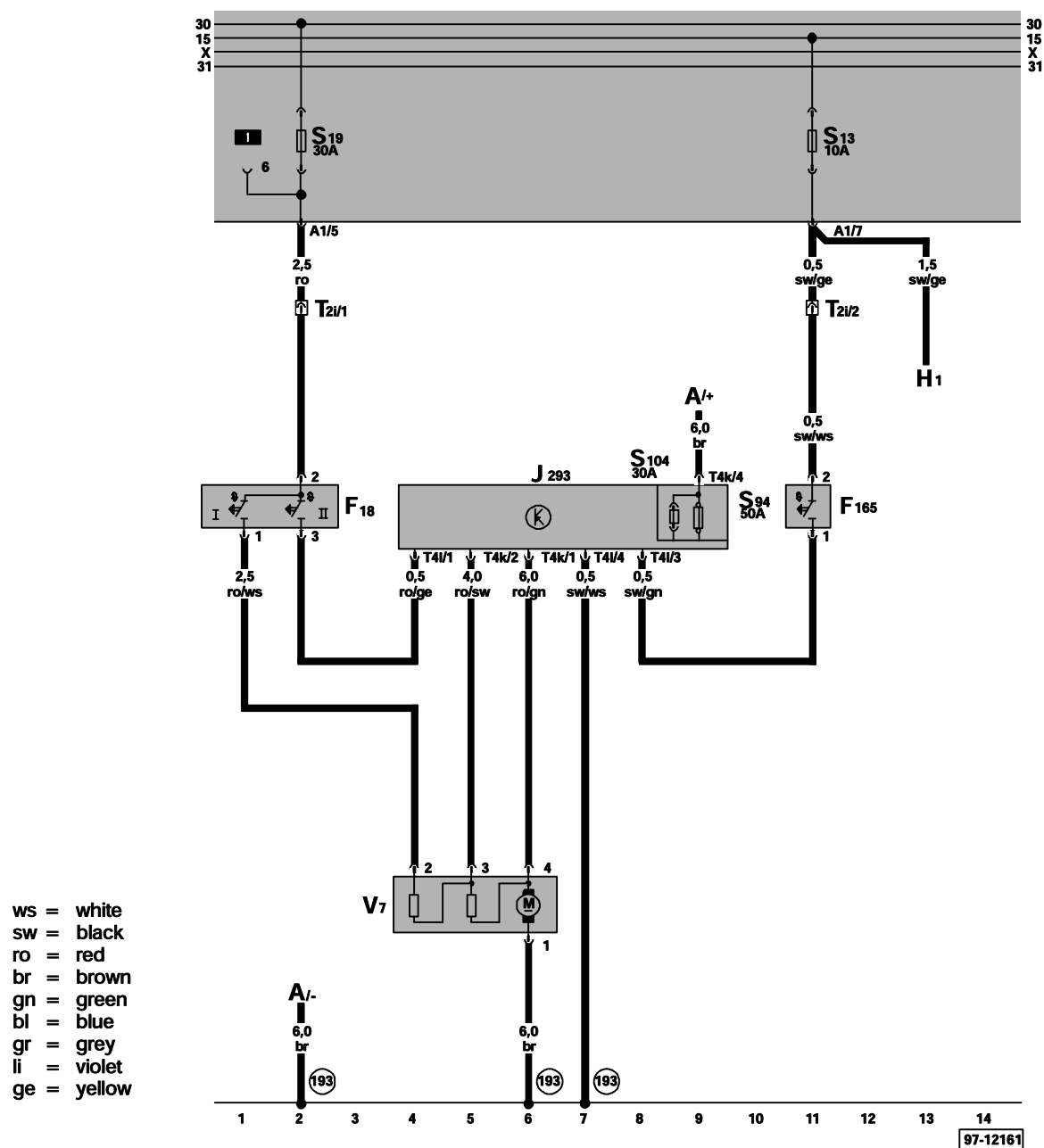
Relay location

For relay location and multiple connectors see also section "component locations".



Fuse colors

30A – green
25A – white
20A – yellow
15A – blue
10A – red



A – Battery

F18 – Coolant Fan Control (FC) Thermal Switch

F165 – Third Speed Coolant Fan Control (FC) Thermal Switch

H1 – Dual Horns

J293 – Coolant FC (Fan Control) Control Module, in engine compartment, left

S94 – Third Speed Coolant Fan Fuse

S104 – Second Speed Coolant Fan Fuse

T2i – Double Connector, behind fuse/relay panel

T4k – 4-Pin Connector

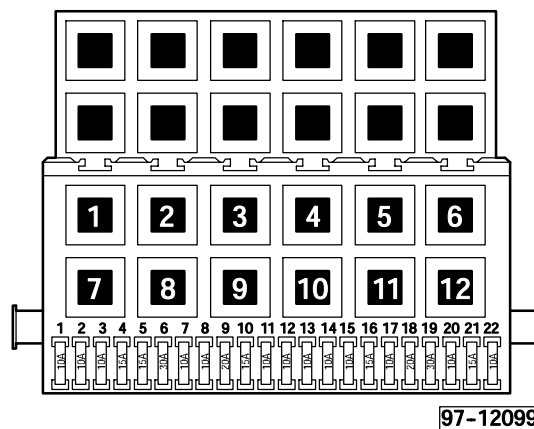
T4l – 4-Pin Connector

V7 – Coolant Fan

Daytime running lights, only Canada

from August 1994

Deviate relay location and fuseplacements as well as the locations of multiple connectors-see section "component locations"



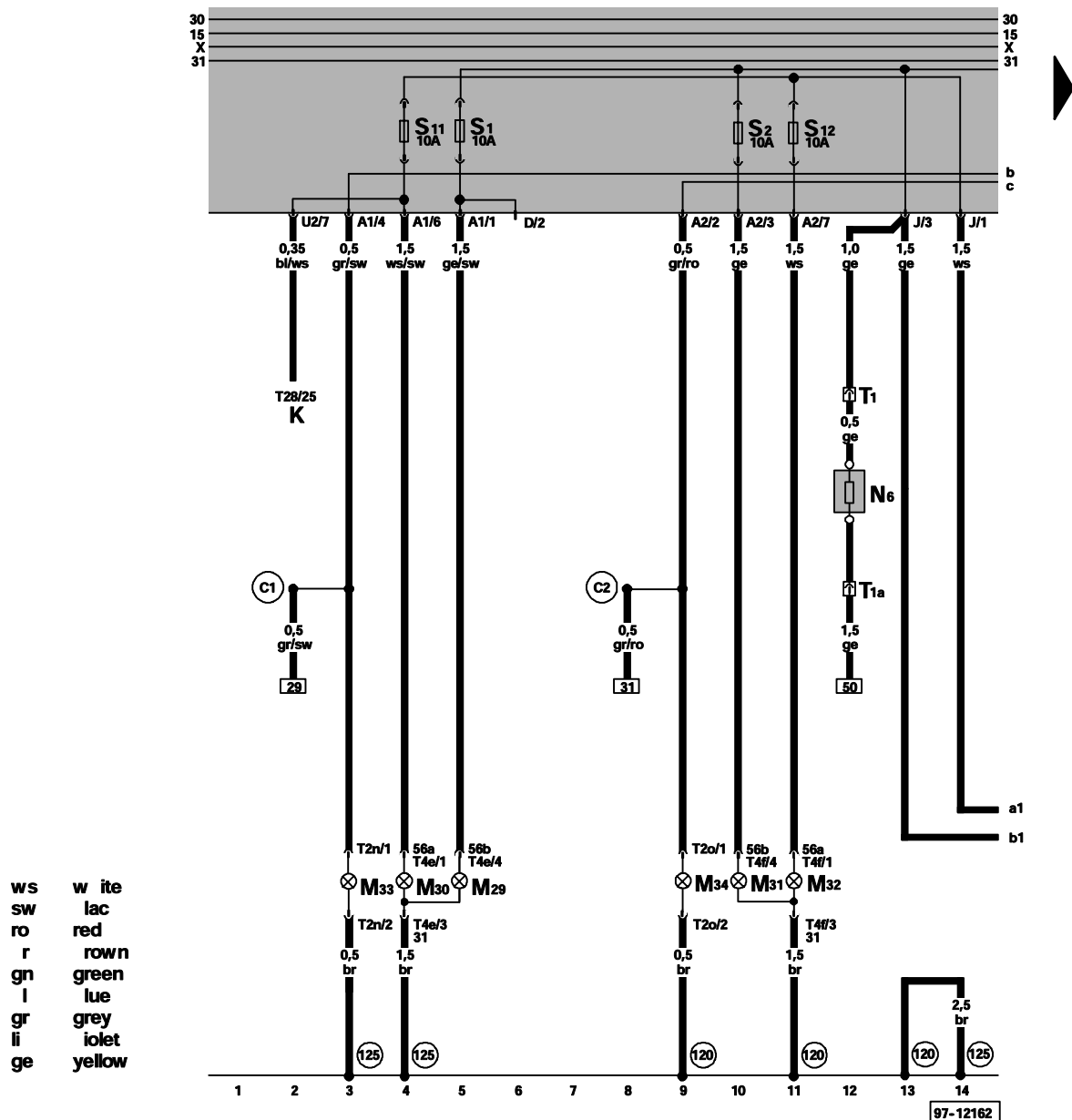
- 6** Emergency Flasher Relay 21
- 7** Headlight Washer System Relay 33
- 10** Fog Light Relay 53

Note:

Number in parentheses indicates production control number stamped on relay housing.

Fuse colors

- 30 A green
- 25 A white
- 20 A yellow
- 15 A blue
- 10 A red
- 7.5 A brown
- 5 A beige
- 3 A violet



Instrument Cluster

29 Left low beam headlight
30 Left high beam headlight
31 Right low beam headlight
32 Right high beam headlight
33 Left front side marker light
34 Right front side marker light

N Series Resistance Wire

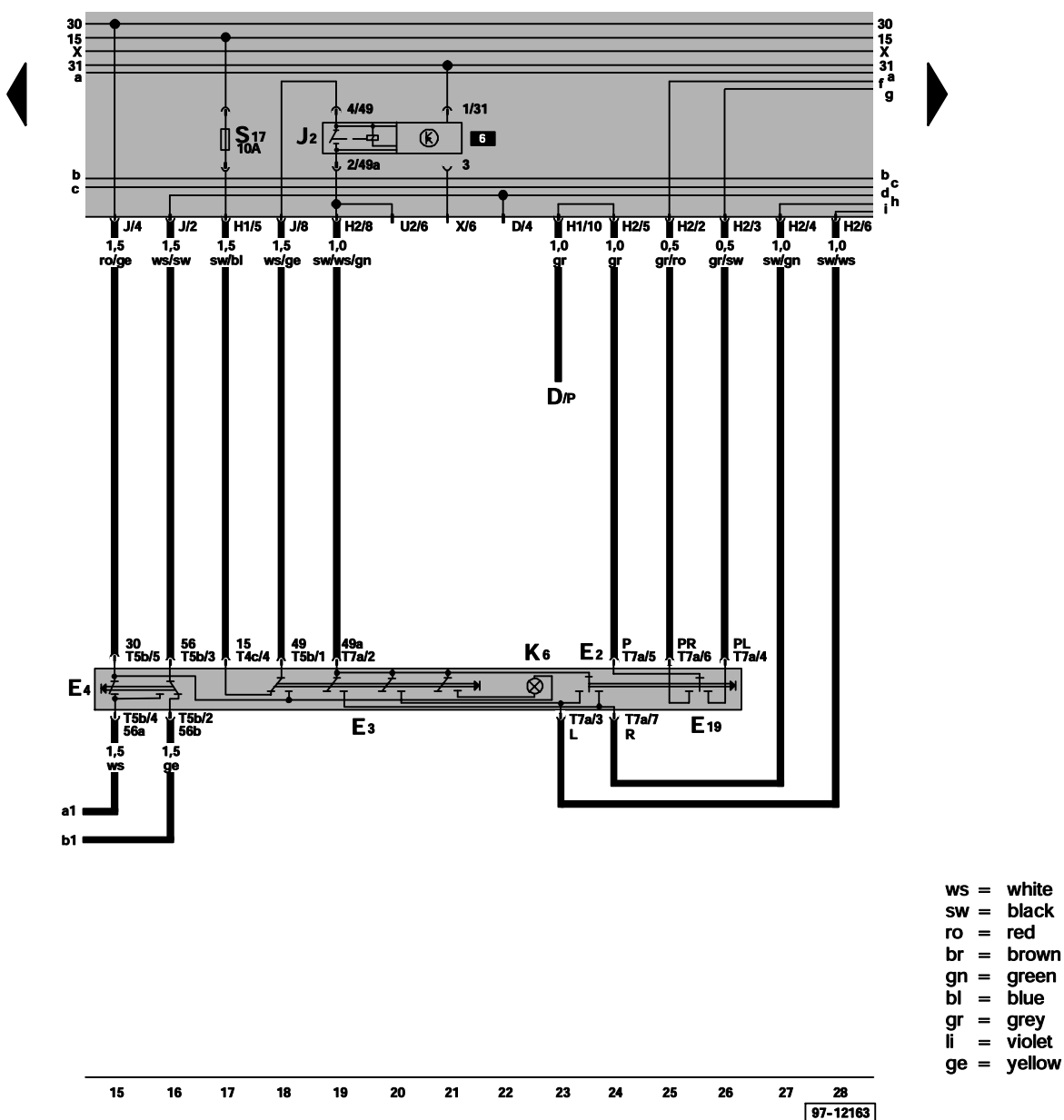
1 Single Connector, in fuse/relay panel
1a Single Connector, in fuse/relay panel
2n Double Connector
2o Double Connector
4e 4 Pin Connector
4f 4 Pin Connector
28 28 Pin Connector, on instrument cluster

(120) Round connection 2, in headlight wiring harness

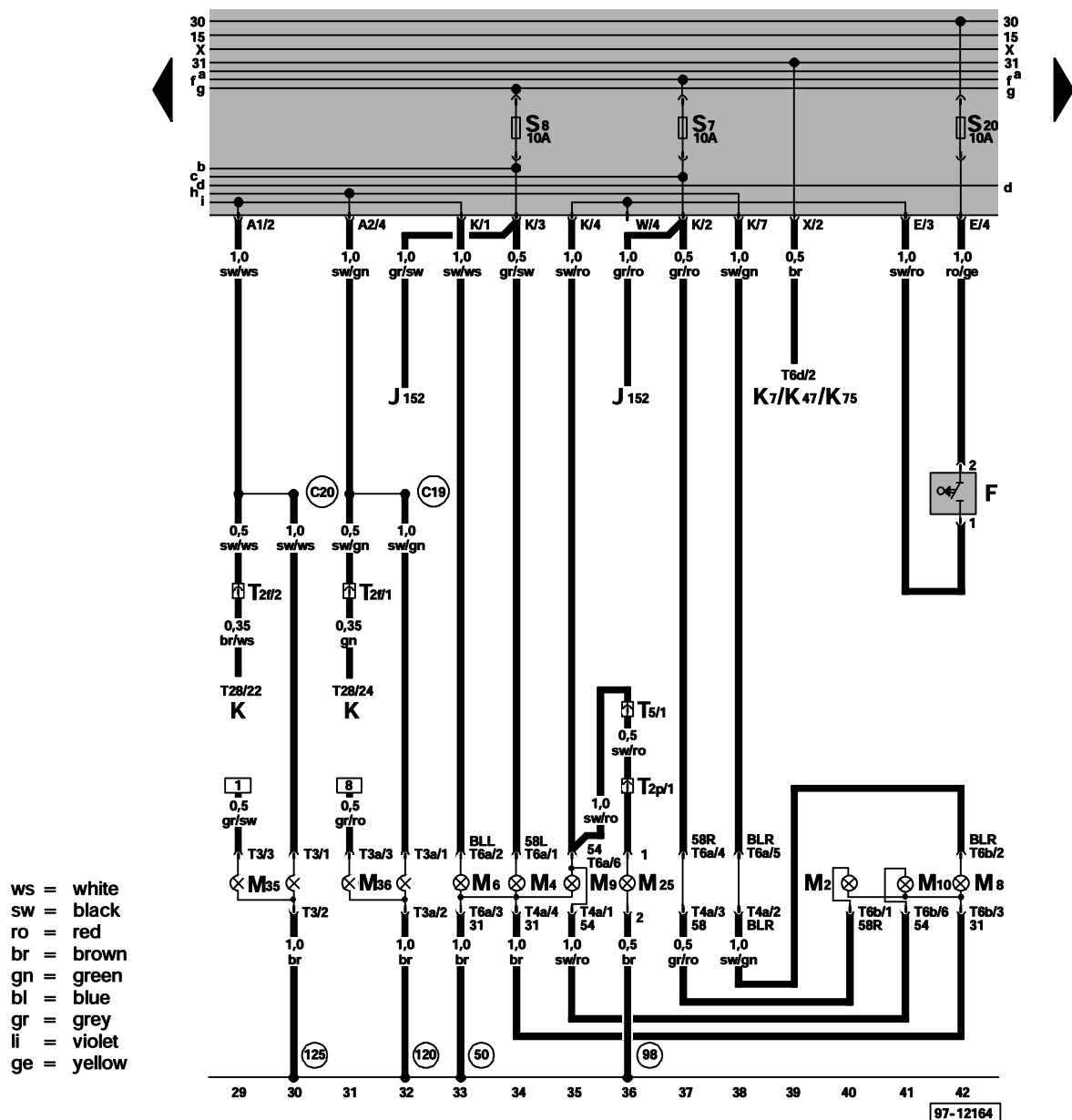
(125) Round connection 3, in headlight wiring harness

(C1) Plus connection 58, in left front wiring harness

(C2) Plus connection 58R, in left front wiring harness

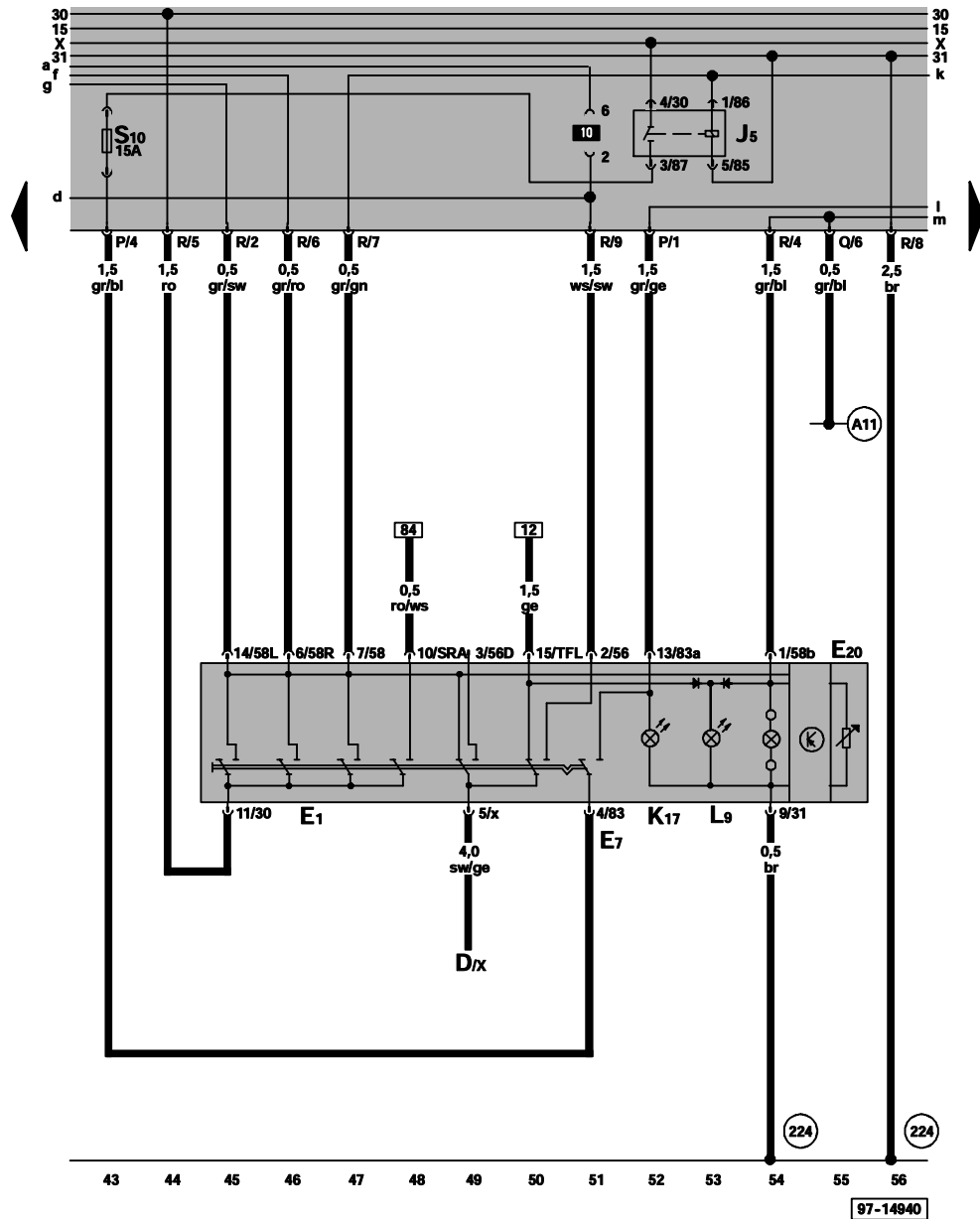


- D – Ignition/Starter Switch
- E2 – Turn Signal Switch
- E3 – Emergency Flasher Switch
- E4 – Headlight Dimmer/Flasher Switch
- E19 – Park Light Switch
- J2 – Emergency Flasher Relay
- K6 – Emergency Flasher Warning Light
- T4c – 4-Pin Connector, behind steering column switch cover
- T5b – 5-Pin Connector, behind steering column switch cover
- T7a – 7-Pin Connector, behind steering column switch cover



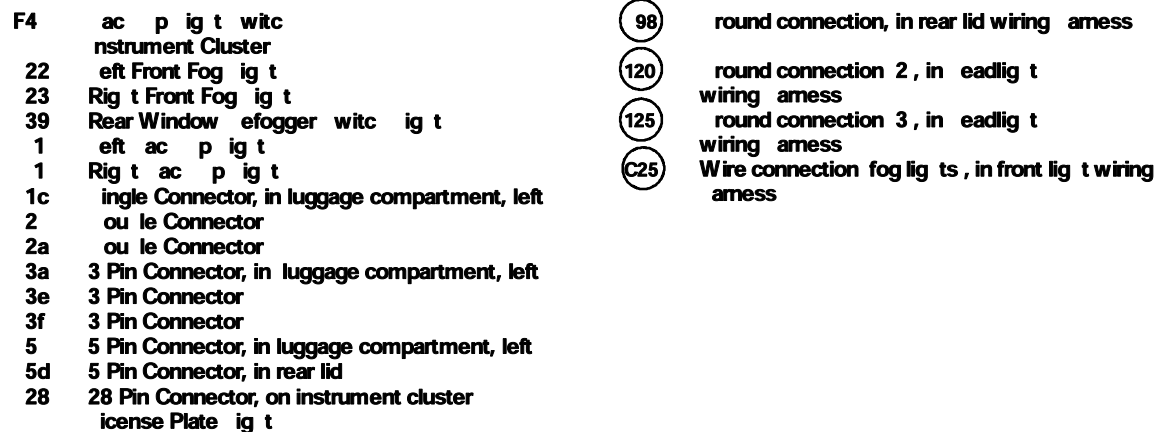
- F - Brake Light Switch
- J₁₅₂ - Radio/Parking Light Warning Buzzer
- K - Instrument Cluster
- K₇ - Brake and Parking Brake Warning Light
- K₄₇ - ABS Warning Light
- K₇₅ - Airbag Malfunction Indicator Lamp (MIL)
- M₂ - Right Tail Light
- M₄ - Left Tail Light
- M₆ - Left Rear Turn Signal Light
- M₈ - Right Rear Turn Signal Light
- M₉ - Left Brake Light
- M₁₀ - Right Brake Light
- M₂₅ - High-Mount Brake Light
- M₃₅ - Left Front Turn Signal and Side Marker Light
- M₃₆ - Right Front Turn Signal and Side Marker Light
- T_{2f} - Double Connector, behind fuse/relay panel
- T_{2p} - Double Connector, in rear lid
- T₃ - 3-Pin Connector
- T_{3a} - 3-Pin Connector
- T_{4a} - 4-Pin Connector, on tail light, left
- T₅ - 5-Pin Connector, in luggage compartment, left
- T_{6a} - 6-Pin Connector, on tail light, left

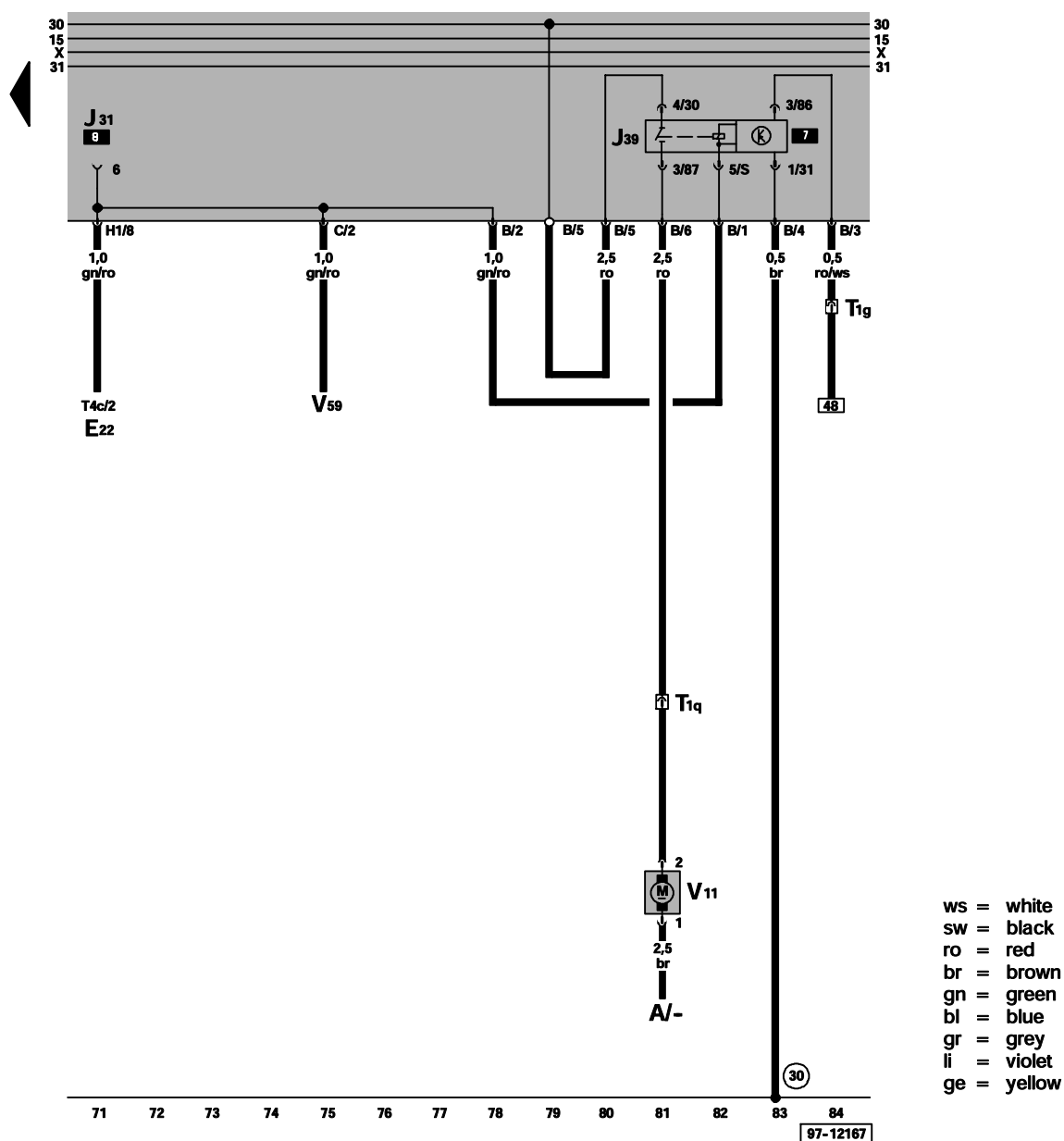
- T_{6b} - 6-Pin Connector, on tail light, right
- T_{6d} - 6-Pin Connector, on Brake and Parking Brake Warning Light
- T₂₈ - 28-Pin Connector, on instrument cluster
- (50) - Ground connection, in luggage compartment, left
- (98) - Ground connection, in rear lid wiring harness
- (120) - Ground connection -2-, in headlight wiring harness
- (125) - Ground connection -3-, in headlight wiring harness
- (C19) - Wire connection (right turn signal), in headlight wiring harness
- (C20) - Wire connection (left turn signal), in headlight wiring harness



ws white
sw black
ro red
r brown
gn green
l blue
gr grey
li violet
ge yellow

- gnition/ starter witc
E1 ig t witc
E Fog ig t witc
E20 nstrument Panel ig t immer witc
5 Fog ig t Relay
1 Fog ig t ndicator ig t
9 eadlig t witc ig t
- (224) round connection, in lig t switc wiring mess
- (A11) plus connection 58 in instrument wiring panel mess



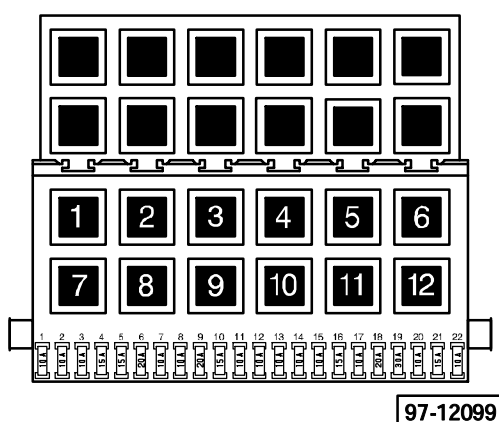


- A – Battery
- E22 – Windshield Wiper/Washer Switch
- J39 – Headlight Washer System Relay
- T1g – Single Connector, behind fuse/relay panel
- T1q – Single Connector, behind fuse/relay panel
- T4c – 4-Pin Connector, behind steering column switch cover
- V11 – Headlight Washer Pump
- V59 – Windshield and Rear Window Washer Pump
- (30) – Ground connection, –1–, beside fuse/relay panel

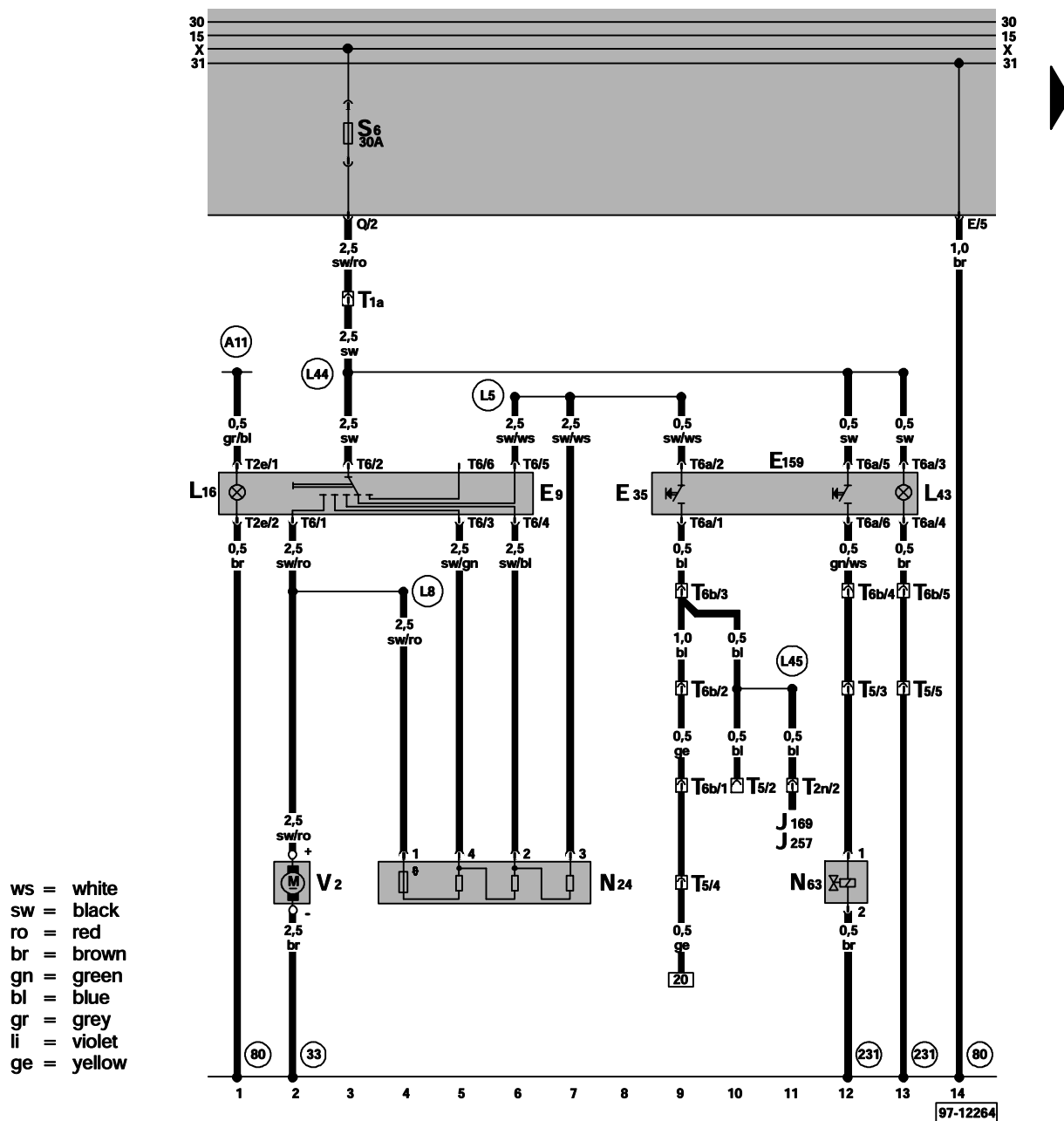
**Air conditioning,
D 2.0l Engine electronic multiport Fuel injection F /85 W,
code A A,
from February 1995**

Relay location

For relay location and multiple connectors see also section "component locations".

**Fuse colors**

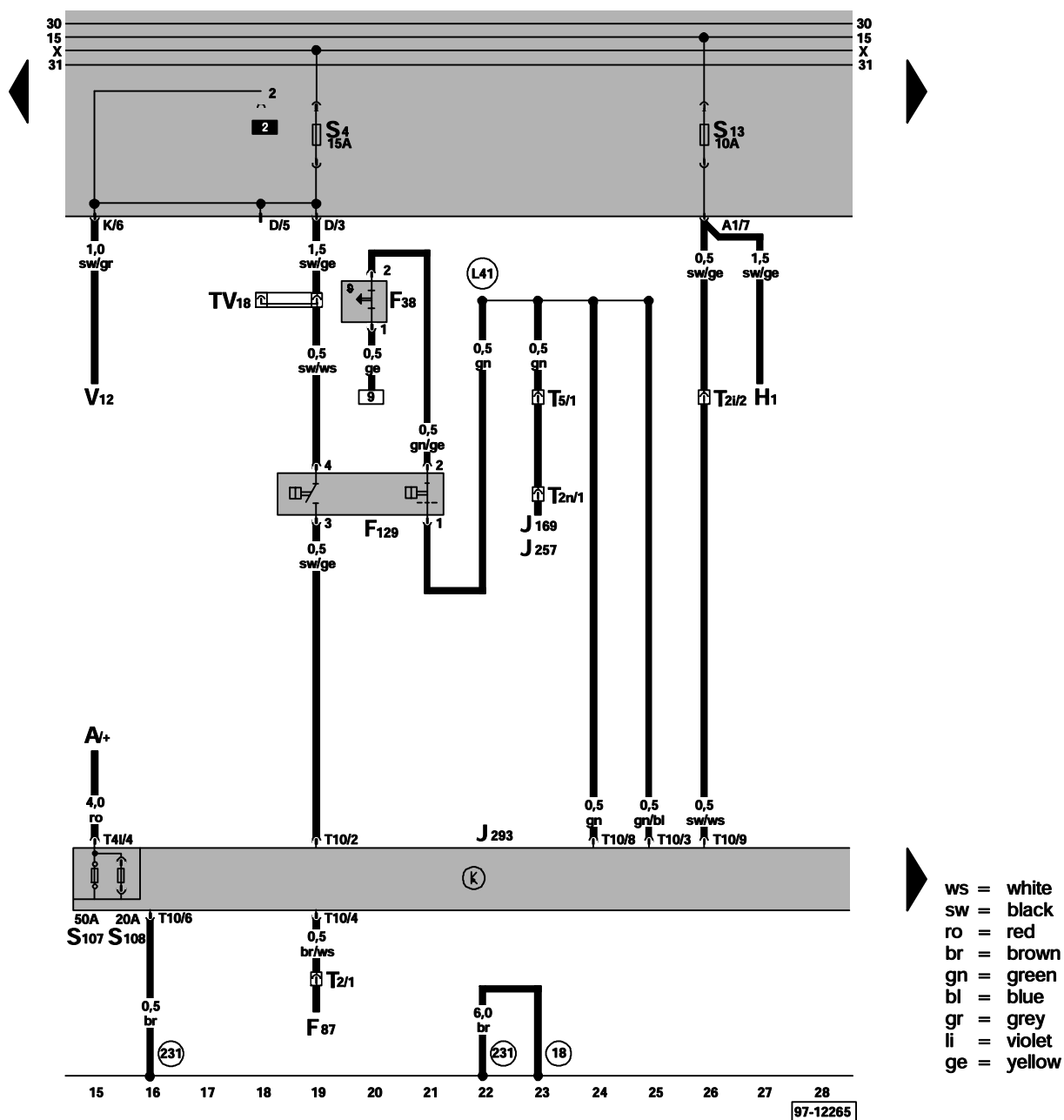
30A – green
25A – white
20A – yellow
15A – blue
10A – red

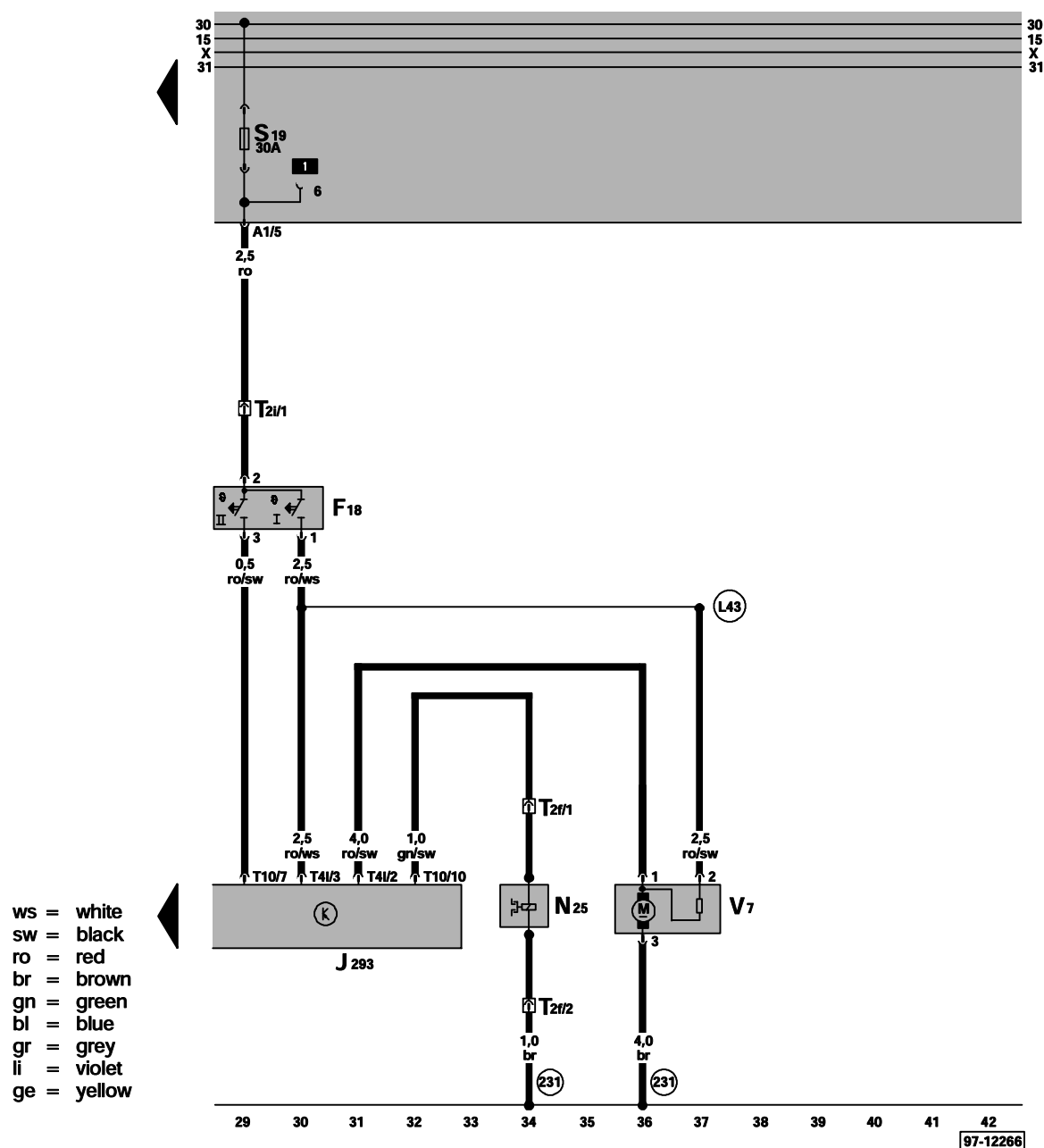


- E9 – Fresh Air Blower Switch
- E35 – A/C Switch
- E159 – Fresh Air/Recirculating Flap Switch
- L16 – Fresh Air Control Lever Light
- L43 – A/C Switch Illumination Light
- N24 – Fresh Air Blower Series Resistance With Fuse
- N63 – Fresh Air/Recirculating Flap Two-Way Valve
- T1a – Single Connector, behind fuse/relay panel
- T2e – Double Connector
- T2n – Double Connector, behind fuse/relay panel
- T5 – 5-Pin Connector, behind fuse/relay panel
- T6 – 6-Pin Connector
- T6a – 6-Pin Connector
- T6b – 6-Pin Connector, behind instrument panel, center
- V2 – Fresh Air Blower

- 33 – Ground connection, behind instrument panel, right

- 80 – Ground connection – 1 –, in instrument panel wiring harness
- 231 – Ground connection, in A/C system – coolant fan wiring harness
- A11 – Plus connection (58b) in instrument panel wiring harness
- L5 – Wire connection – 1 –, in evaporator housing wiring harness
- L8 – Wire connection – 4 –, in evaporator housing wiring harness
- L44 – Wire connection (X), in A/C system wiring harness
- L45 – Wire connection, in A/C system wiring harness





- F18 – Coolant Fan Control (FC) Thermal Switch
- J293 – Coolant Fan Control (FC) Control Module, in engine compartment, left
- N25 – A/C Clutch
- T2f – Double Connector, near compressor
- T2i – Double Connector, behind fuse/relay panel
- T4i – 4-Pin Connector, on Coolant Fan Control (FC) Control Module
- T10 – 10-Pin Connector, on Coolant Fan Control (FC) Control Module
- T28 – 28-Pin Connector, on instrument cluster
- V7 – Coolant Fan

(L43) – Wire connection (coolant fan), in A/C system-coolant fan wiring harness

(231) – Ground connection, in A/C system-coolant fan wiring harness

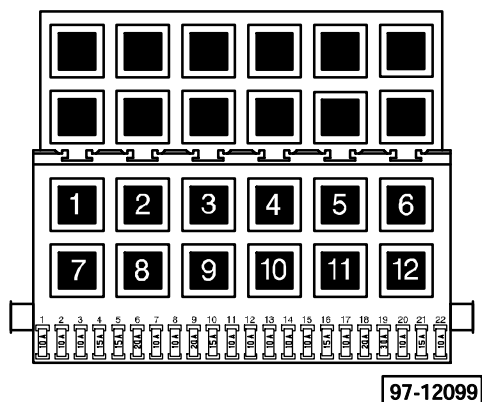
Automatic transmission,

D 1.9 Engine Tur o iesel Fuel n ection F , W,
code 1 ,

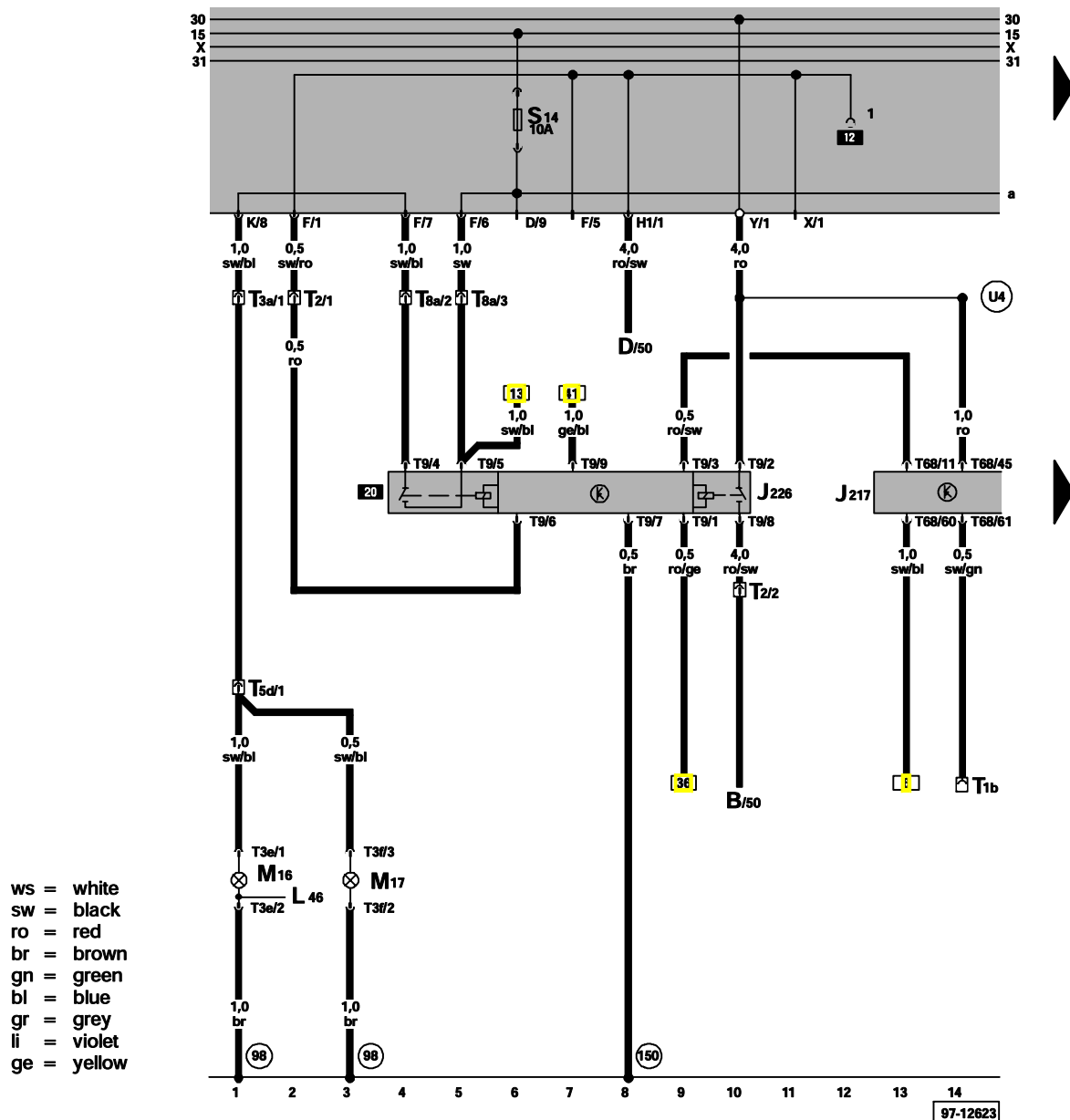
from August 1995

Relay location

For relay location and multiple connectors see also section "component locations".

**Fuse colors**

30A – green
25A – white
20A – yellow
15A – blue
10A – red



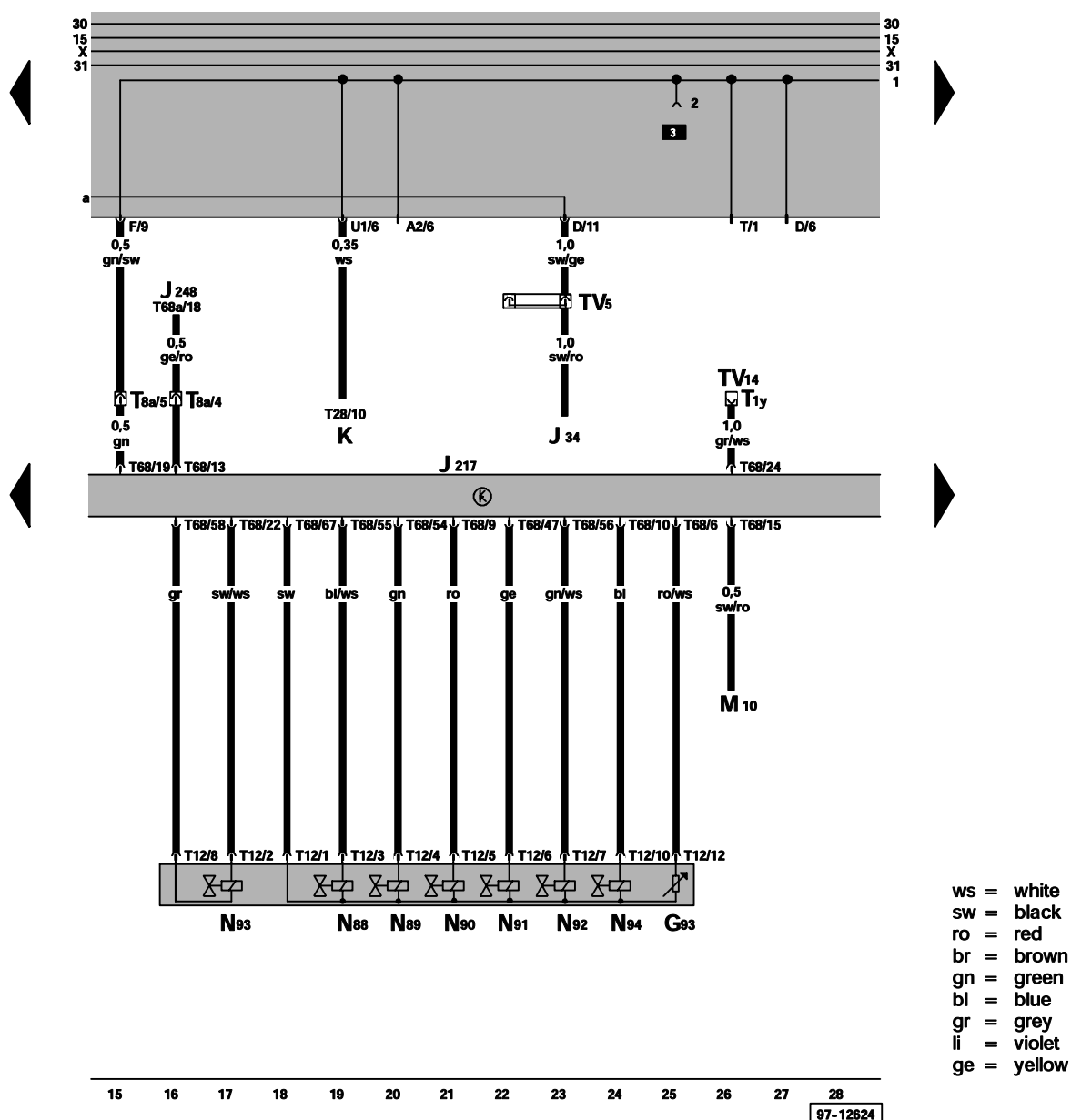
B – Starter
D – Ignition/Starter Switch
J217 – Transmission Control Module (TCM),
below rear seat bench
J226 – Park/Neutral Position (PNP) Relay,
behind instrument panel, left
L46 – Left Rear Fog Light
M16 – Left Back-Up Light
M17 – Right Back-Up Light
T1b – Single Connector, connection for cruise
control
T2 – Double Connector, behind fuse/relay panel
T3a – 3-Pin Connector, in luggage compartment, left
T3e – 3-Pin Connector
T3f – 3-Pin Connector
T5d – 5-Pin Connector, in rear lid

T8a – 8-Pin Connector, behind fuse/relay panel
T9 – 9-Pin Connector
T68 – 68-Pin Connector, on Transmission Control
Module (TCM)

98 – Ground connection, in rear lid wiring harness

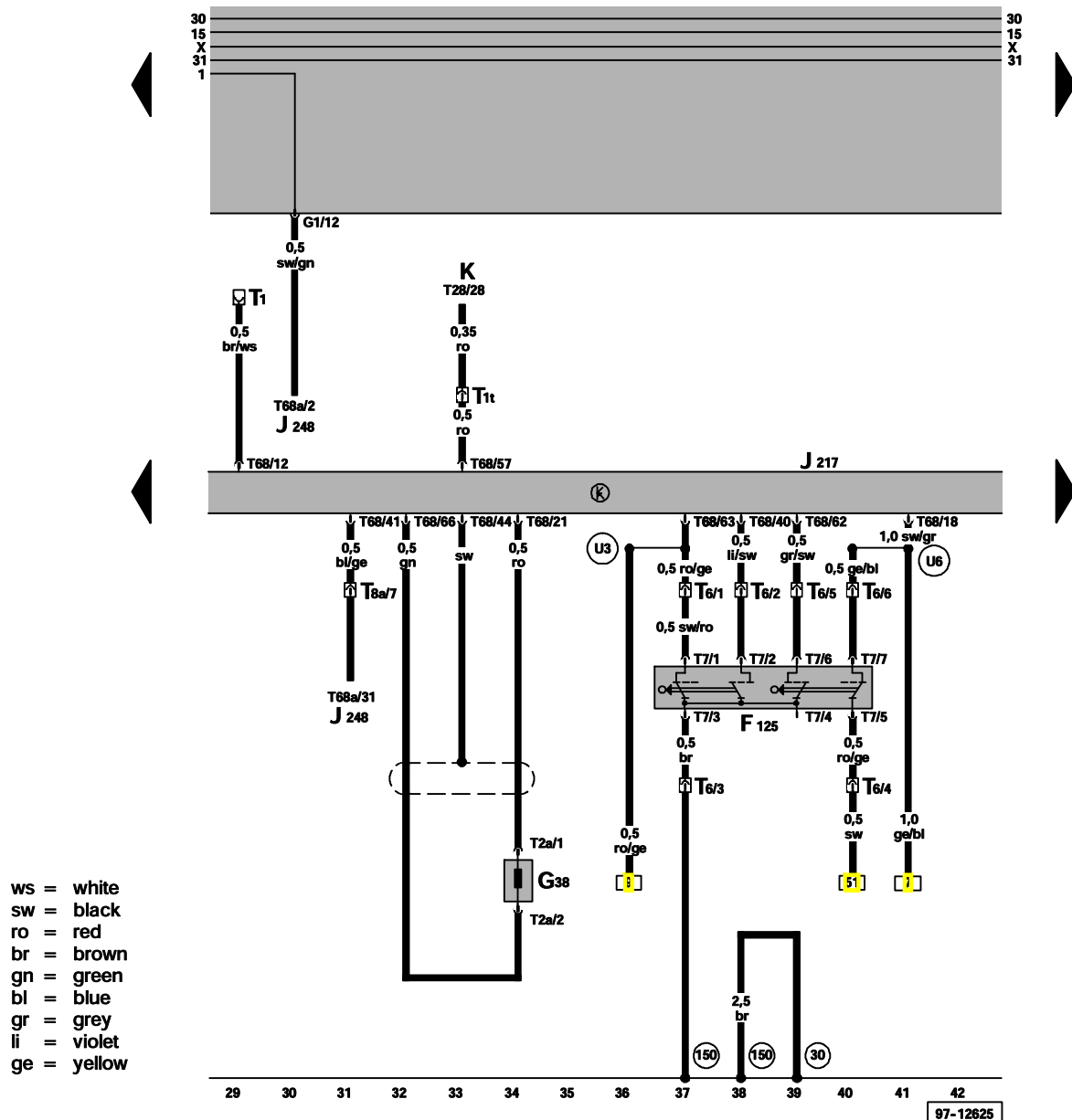
150 – Ground connection, in automatic
transmission wiring harness

U4 – Wire connection (30), in automatic
transmission wiring harness



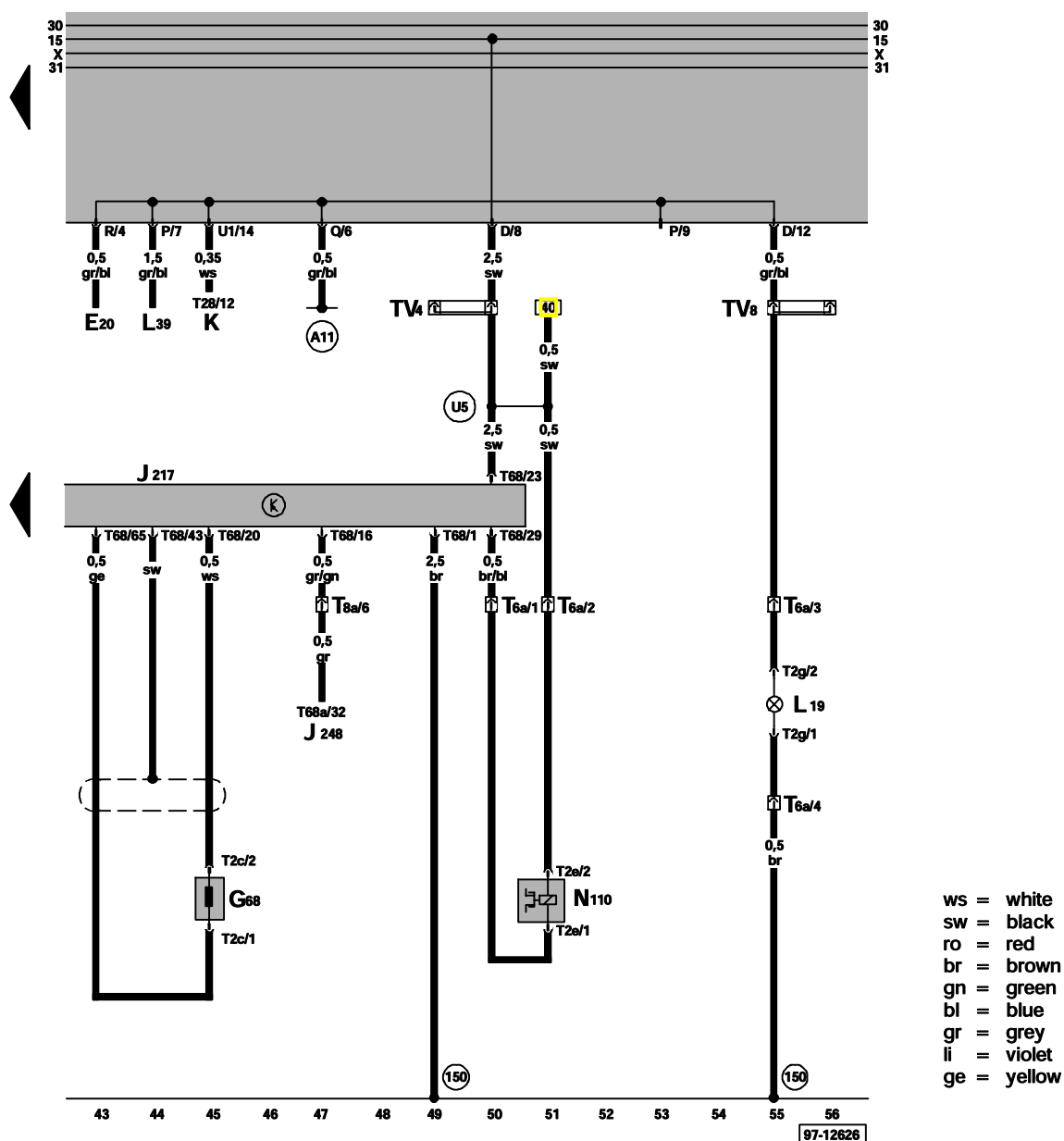
- G93 – Transmission Fluid Temperature Sensor (00300–1333)
J34 – Seat Belt Warning System Relay
J217 – Transmission Control Module (TCM), below rear seat bench
J248 – Diesel Direct Fuel Injection (DFI) Engine Control Module (ECM)
K – Instrument Cluster
M10 – Right Brake Light
N88 – Solenoid Valve 1 (00258–1113)
N89 – Solenoid Valve 2 (00260–1121)
N90 – Solenoid Valve 3 (00262–1123)
N91 – Solenoid Valve 4 (00264–1131)
N92 – Solenoid Valve 5 (00266–1133)
N93 – Solenoid Valve 6 (00268–1141)
N94 – Solenoid Valve 7 (00270–1143)

- T1y – Single Connector, on Data Link Connector (DLC) Wire Connector
T8a – 8-Pin Connector, behind fuse/relay panel
T10 – 10-Pin Connector
T28 – 28-Pin Connector, on instrument cluster
T68 – 68-Pin Connector, on Transmission Control Module (TCM)
T68a – 68-Pin Connector, on Diesel Direct Fuel Injection (DFI) Engine Control Module (ECM)
TV5 – Terminal 15a Wire Connector, above fuse/relay panel
TV14 – Data Link Connector (DLC) Wire Connector, behind console



- F125 - Multi-Function Transmission Range (TR) Switch (00293-1314)
G38 - Transmission Vehicle Speed Sensor (VSS)
J217 - Transmission Control Module (TCM), below rear seat bench
J248 - Diesel Direct Fuel Injection (DFI) Engine Control Module (ECM)
K - Instrument Cluster
T1 - Single Connector, behind fuse/relay panel, A/C connection
T1t - Single Connector, behind fuse/relay panel, connection for Transmission Range (TR) Selector Lever Display
T2a - Double Connector, white
T6 - 6-Pin Connector, in engine compartment, left
T7 - 7-Pin Connector
T8a - 8-Pin Connector, behind fuse/relay panel
T28 - 28-Pin Connector, on instrument cluster

- T68 - 68-Pin Connector, on Transmission Control Module (TCM)
T68a - 68-Pin Connector, on Diesel Direct Fuel Injection (DFI) Engine Control Module (ECM)
(30) - Ground connection, -1-, beside fuse/relay panel
(150) - Ground connection, in automatic transmission wiring harness
(U3) - Wire connection, in automatic transmission wiring harness
(U6) - Wire connection, in automatic transmission wiring harness



E20 - Instrument Panel Light Dimmer Switch
G68 - Vehicle Speed Sensor (VSS) (00281-1231)
J217 - Transmission Control Module (TCM),
below rear seat bench
J248 - Diesel Direct Fuel Injection (DFI) Engine
Control Module (ECM)
K - Instrument Cluster
L19 - Automatic Transmission Console Light
L39 - Rear Window Defogger Switch Light
N110 - Shift Lock Solenoid (01236-4314)
T2c - Double Connector, black
T2e - Double Connector
T2g - Double Connector
T6a - 6-Pin Connector, near gearshift lever
T28 - 28-Pin Connector, on instrument cluster
T68 - 68-Pin Connector, on Transmission Control
Module (TCM)

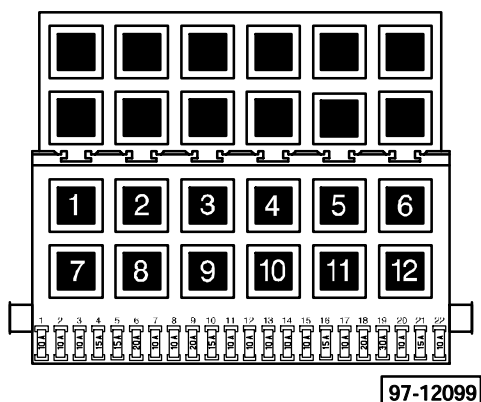
T68a - 68-Pin Connector, on Diesel Direct Fuel
Injection (DFI) Engine Control Module (ECM)
TV4 - Terminal 15 Wire Connector, above
fuse/relay panel
TV8 - Terminal 58b Wire Connector, above
fuse/relay panel
(150) - Ground connection, in automatic
transmission wiring harness
(A11) - Plus connection (58b) in instrument panel
wiring harness
(U5) - Wire connection -2- (15), in automatic
transmission wiring harness

1.9 Engine Turbodiesel Fuel Injection F , W, code 1 ,

from August 1995

Relay location

For relay location and multiple connectors see also section "component locations".



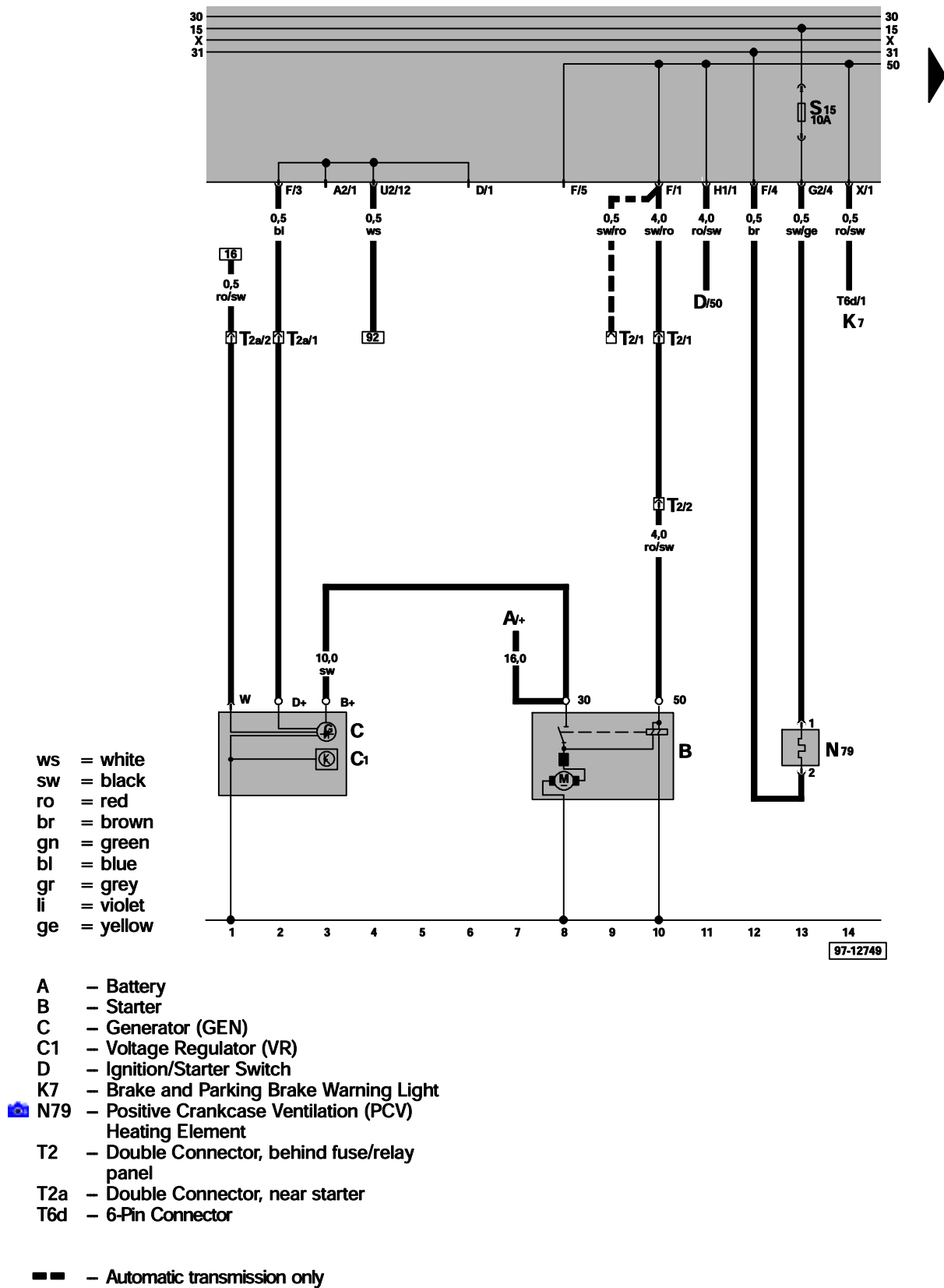
3 – Power Supply (Terminal 30, B+) Relay (109)

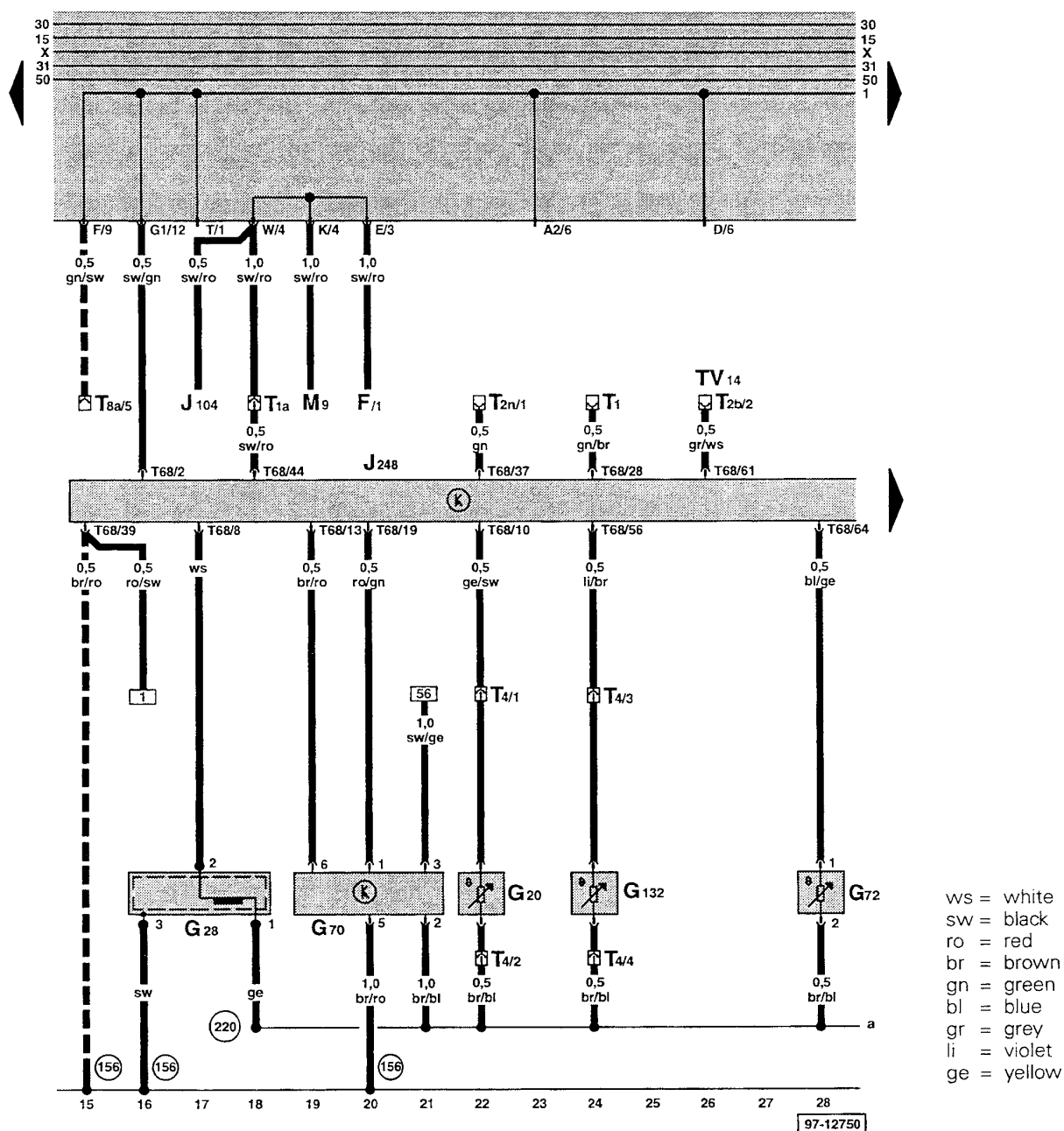
12 – Glow Plug Relay (104)

Note: Number in parentheses indicates production control number stamped on relay housing.

Fuse colors

30A – green
25A – white
20A – yellow
15A – blue
10A – red



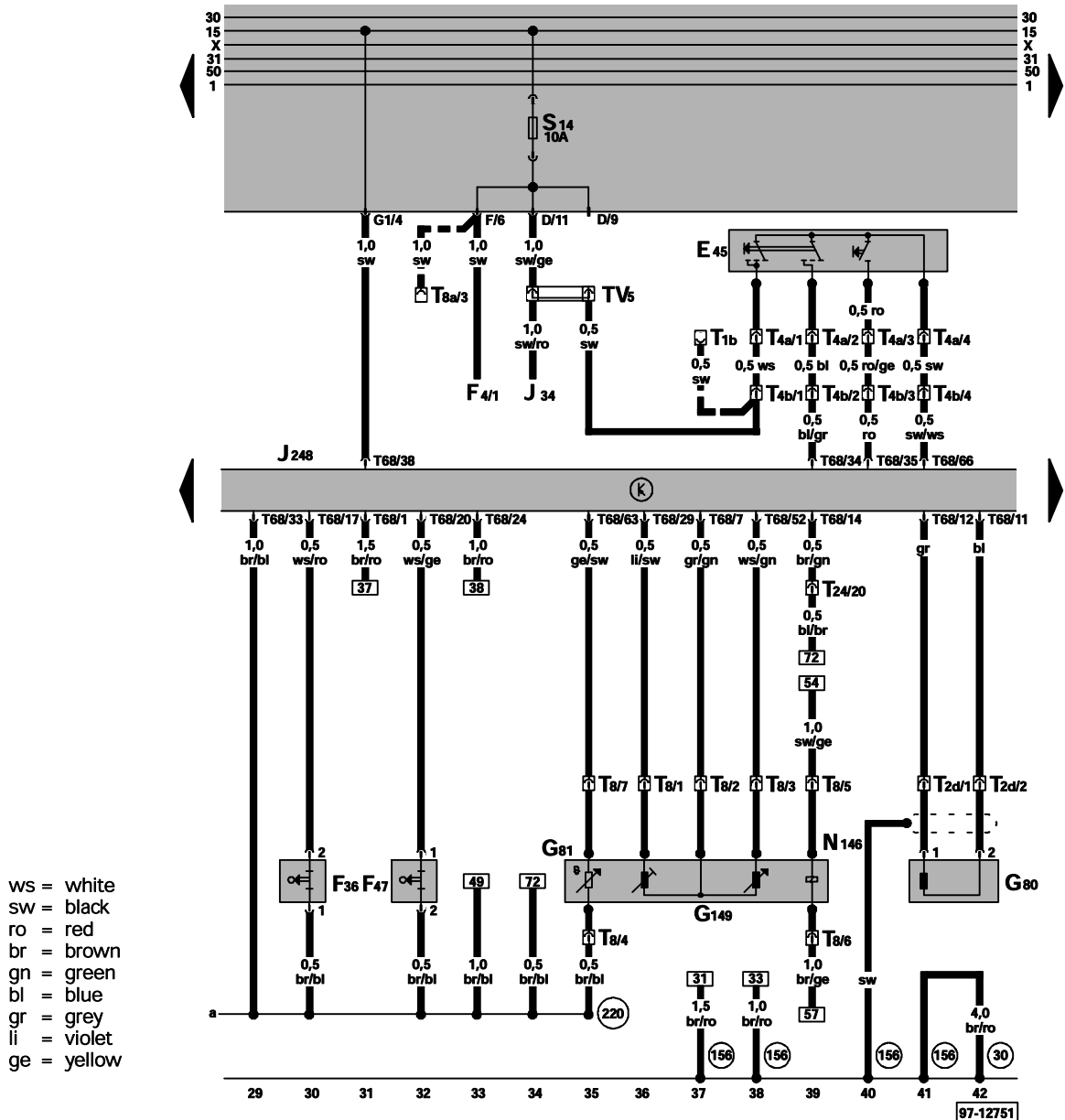


- F – Brake Light Switch (00526)
- G20 – Temperature sensor I for Catalyst
- G28 – Engine Speed (RPM) Sensor (00513)
- G70 – Mass Air Flow (MAF) Sensor (00553)
- G72 – Intake Air Temperature (IAT) Sensor (00527)
- J104 – ABS Control Module (w/EDL)
- G132 – Temperature sensor II for Catalyst
- J248 – Diesel Direct Fuel Injection (DFI) Engine Control Module (ECM)
- M9 – Left Brake Light
- T1 – Single Connector
- T1a – Single Connector, behind fuse relay/panel
- T2b – Double Connector, on Data Link Connector (DLC) Wire Connector, behind console
- T2n – Double Connector, behind fuse relay/panel, A/C connection
- T4 – 4-Pin Connector

- T8a – 8-Pin Connector, behind fuse relay/panel
- T68 – 68-Pin Connector
- TV14 – Data Link Connector (DLC) wire Connector, behind console

- (156) – Ground connection, in Diesel Direct Fuel Injection (DFI) wiring harness
- (220) – Ground connection (sensor ground), in engine compartment wiring harness

--- Automatic transmission only

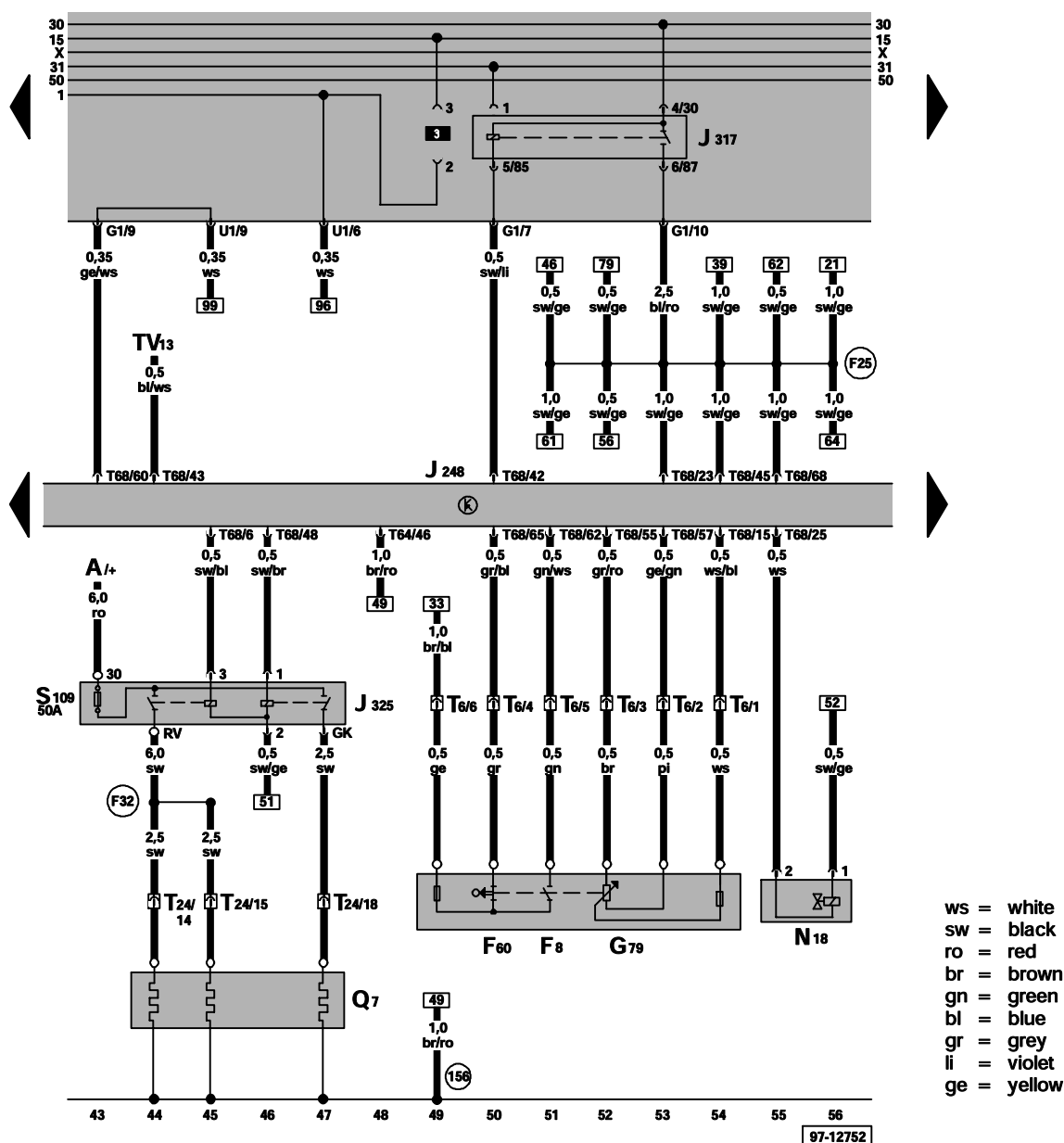


E45 - Cruise Control Switch (00671), vehicles with cruise control only
F4 - Back-Up Light Switch
F36 - Clutch Vacuum Vent Valve Switch (00650)
F47 - Brake Vacuum Vent Valve Switch for cruise control/diesel fuel injection (DFI) (00629)
G80 - Needle Lift Sensor (00542)
G81 - Fuel Temperature Sensor (00539)
G149 - Modulating Piston Displacement Sensor (00765)
J34 - Seat Belt Warning System Relay
J248 - Diesel Direct Fuel Injection (DFI) Engine Control Module (ECM), in plenum chamber, right
N146 - Quantity Adjuster (01268)
T1b - Single Connector, behind fuse/relay panel
T2d - Double Connector, on left cylinder head, near fuel injection pump
T4a - 4-Pin Connector, behind steering column switch cover

T4b - 4-Pin Connector, behind fuse/relay panel
T8 - 8-Pin Connector, on fuel injection pump
T8a - 8-Pin Connector, behind fuse/relay panel
T24 - 24-Pin Connector, on left cylinder head
T68 - 68-Pin Connector
TV5 - Terminal 15a Wire Connector, above fuse/relay panel

30 - Ground connection -1-, beside fuse/relay panel
156 - Ground connection, in Diesel Direct Fuel Injection (DFI) wiring harness
220 - Ground connection (sensor ground), in engine compartment wiring harness

--- Automatic transmission only



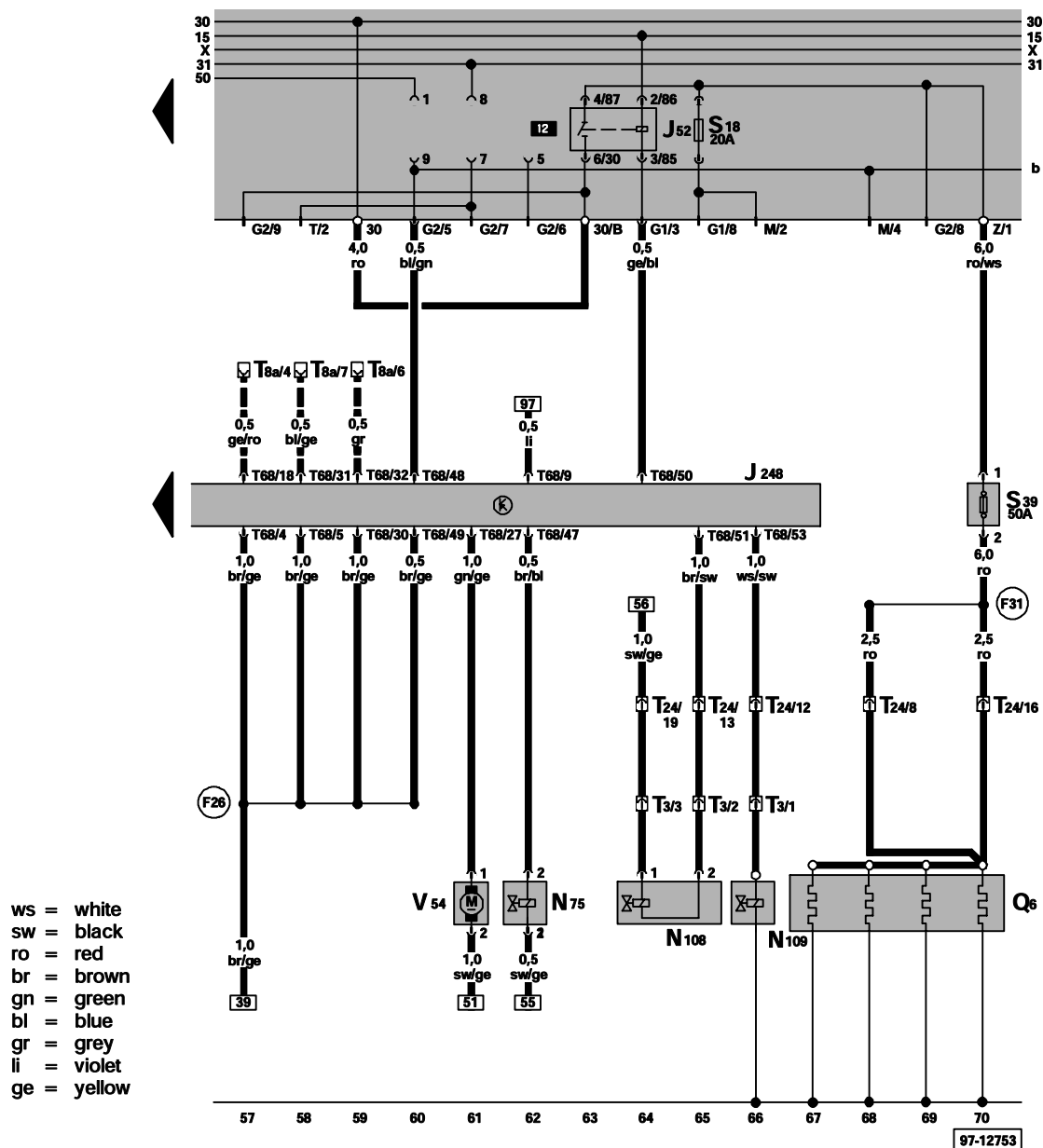
- A – Battery
F8 – Kick Down Switch, automatic transmission only
F60 – Closed Throttle Position (CTP) Switch (00516)
G79 – Throttle Position (TP) Sensor (00777)
J248 – Diesel Direct Fuel Injection (DFI) Engine Control Module (ECM), in plenum chamber, right
J317 – Power Supply (Terminal 30, B+) Relay (01054)
J325 – Coolant Glow Plug Relay (01160)
N18 – EGR Vacuum Regulator Solenoid Valve (01265)
Q7 – Spark Plugs (Coolant)
S109 – Fuse for Glow Plug (Coolant)

- T6 – 6-Pin Connector, behind fuse/relay panel
T24 – 24-Pin Connector, on left cylinder head
T68 – 68-Pin Connector, on Diesel Direct Fuel Injection (DFI) Engine Control Module (ECM)
TV13 – Vehicle Speed Signal Wire Connector, above fuse/relay panel

- (F25) – Wire connection –1–, in Diesel Direct Fuel Injection (DFI) system wiring harness

- (F32) – Wire connection (coolant glow plug), in Diesel Direct Fuel Injection (DFI) system wiring harness

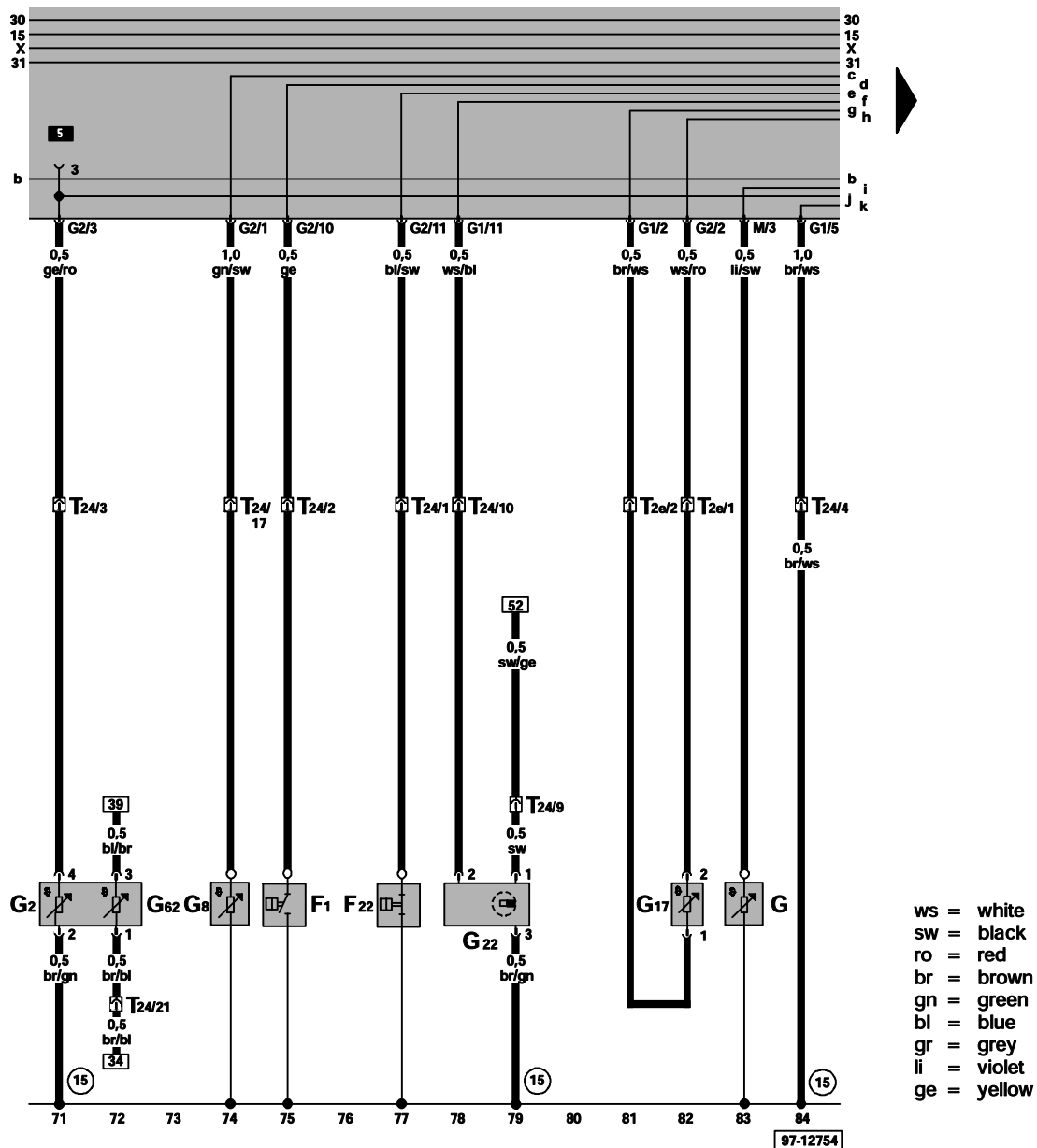
- (156) – Ground connection, in Diesel Direct Fuel (DFI) wiring harness



- J52 – Glow Plug Relay (01266)
 J248 – Diesel Direct Fuel Injection (DFI) Engine Control Module (ECM), in plenum chamber, right
 N75 – Wastegate Bypass Regulator Valve (01262)
 N108 – Cold Start Injector (01269)
 N109 – Fuel Cut-Off Valve (01237)
 Q6 – Glow Plug (Engine)
 S39 – Glow Plug 50A Fuse Strip, on firewall, left
 T3 – 3-Pin Connector, near fuel injection pump
 T8a – 8-Pin Connector, behind fuse/relay panel
 T24 – 24-Pin Connector, on left cylinder head
 T68 – 68-Pin Connector, on Diesel Direct Fuel Injection (DFI) Engine Control Module (ECM)
 V54 – Metering Pump

- (F26) – Wire connection –2–, in Diesel Direct Fuel Injection (DFI) system wiring harness
 (F31) – Wire connection (engine glow plugs), in Diesel Direct Fuel Injection (DFI) system wiring harness

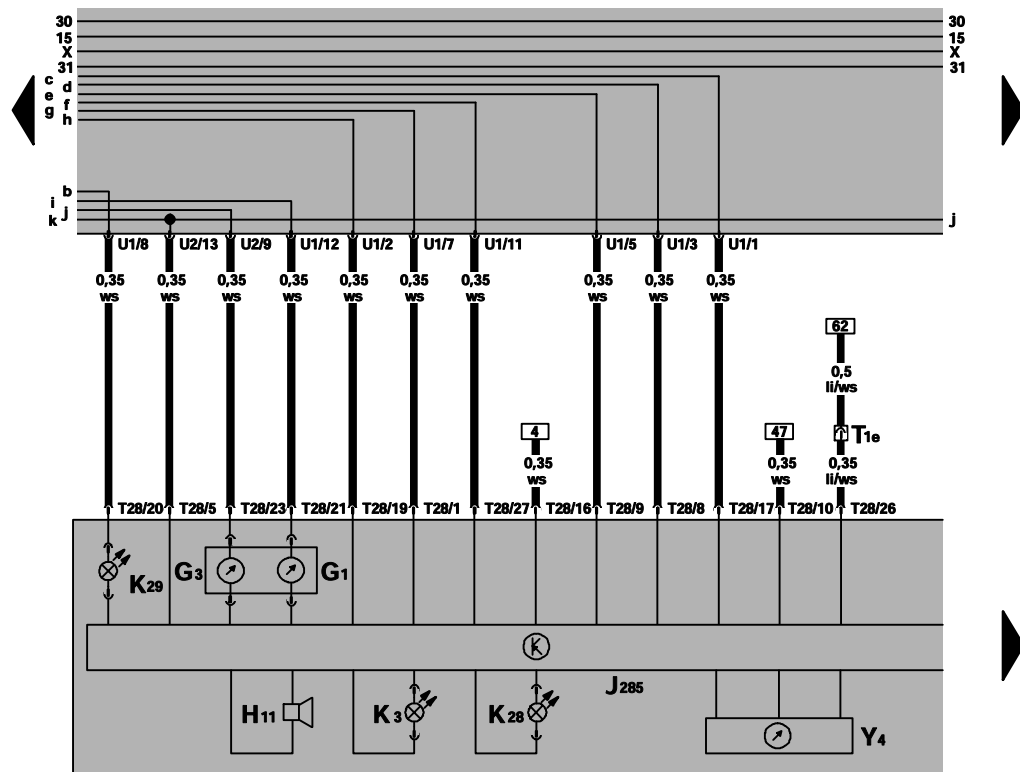
— — Automatic transmission only



- F1 – Oil Pressure Switch
- F22 – 0.3 Bar Oil Pressure Switch
- G – Fuel Level Sensor (00771)
- G2 – Engine Coolant Temperature (ECT) Sensor (01039)
- G8 – Oil Temperature Sensor (00534)
- G17 – Outside Air Temperature Sensor (00779)
- G22 – Speedometer Vehicle Speed Sensor (VSS), (hall sensor, on transmission)
- G62 – Engine Coolant Temperature (ECT) Sensor (00522)
- T2e – Double Connector, in engine compartment, right front

T24 – 24-Pin Connector, on left cylinder head

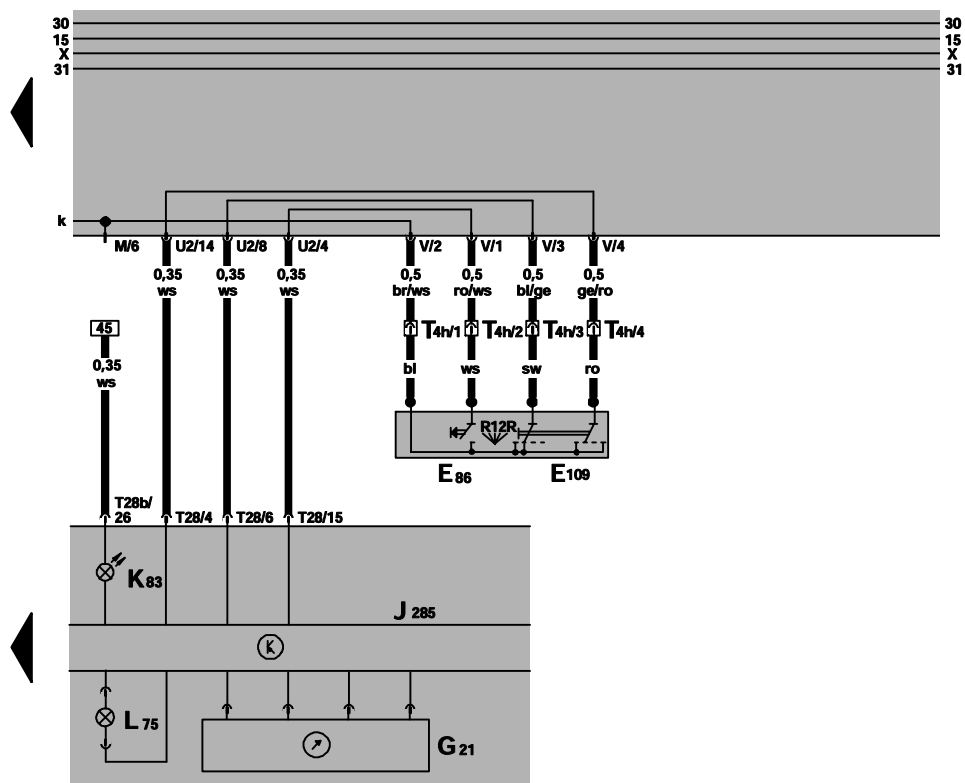
(15) – Ground connection, on cylinder head



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

85 86 87 88 89 90 91 92 93 94 95 96 97 98
 97-12755

- G1 – Fuel Gauge (00664)
- G3 – Engine Coolant Temperature (ECT) Gauge
- H11 – Oil Pressure Warning Buzzer
- J285 – Control Module With Display Unit In Instrument Cluster
- K3 – Oil Pressure Warning Light (00755)
- K28 – Engine Coolant Level/Temperature (ECL/ECT) Warning Light
- K29 – Glow Plug Indicator Light (00626)
- T1e – Single Connector, multi-function indicator signal
- T28 – 28-Pin Connector, on instrument cluster
- Y4 – Odometer Display



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

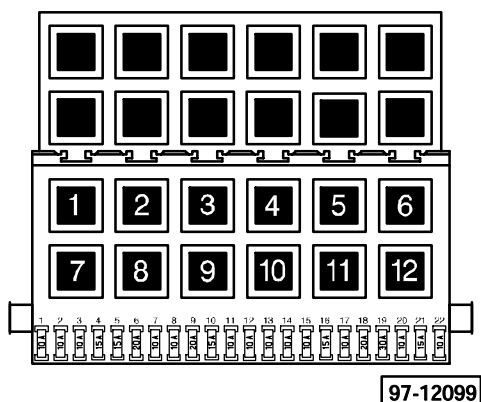
99 100 101 102 103 104 105 106 107 108 109 110 111 112
 97-12756

- E 86 – Multi-Function Indicator Mode Select Switch
- E 109 – Multi-Function Indicator Memory Switch
- G 21 – Speedometer (00663)
- J 285 – Control Module With Display Unit In Instrument Cluster
- K 83 – Malfunction Indicator Lamp (MIL)
- L 75 – Digital Display Light
- T 4h – 4-Pin Connector, behind steering column switch cover
- T 28 – 28-Pin Connector, on instrument cluster

2.0 Engine Motronic utiport Fuel n ection F /85 W,
code A A,
from August 1995

Relay location

For relay location and multiple connectors see also section "component locations".



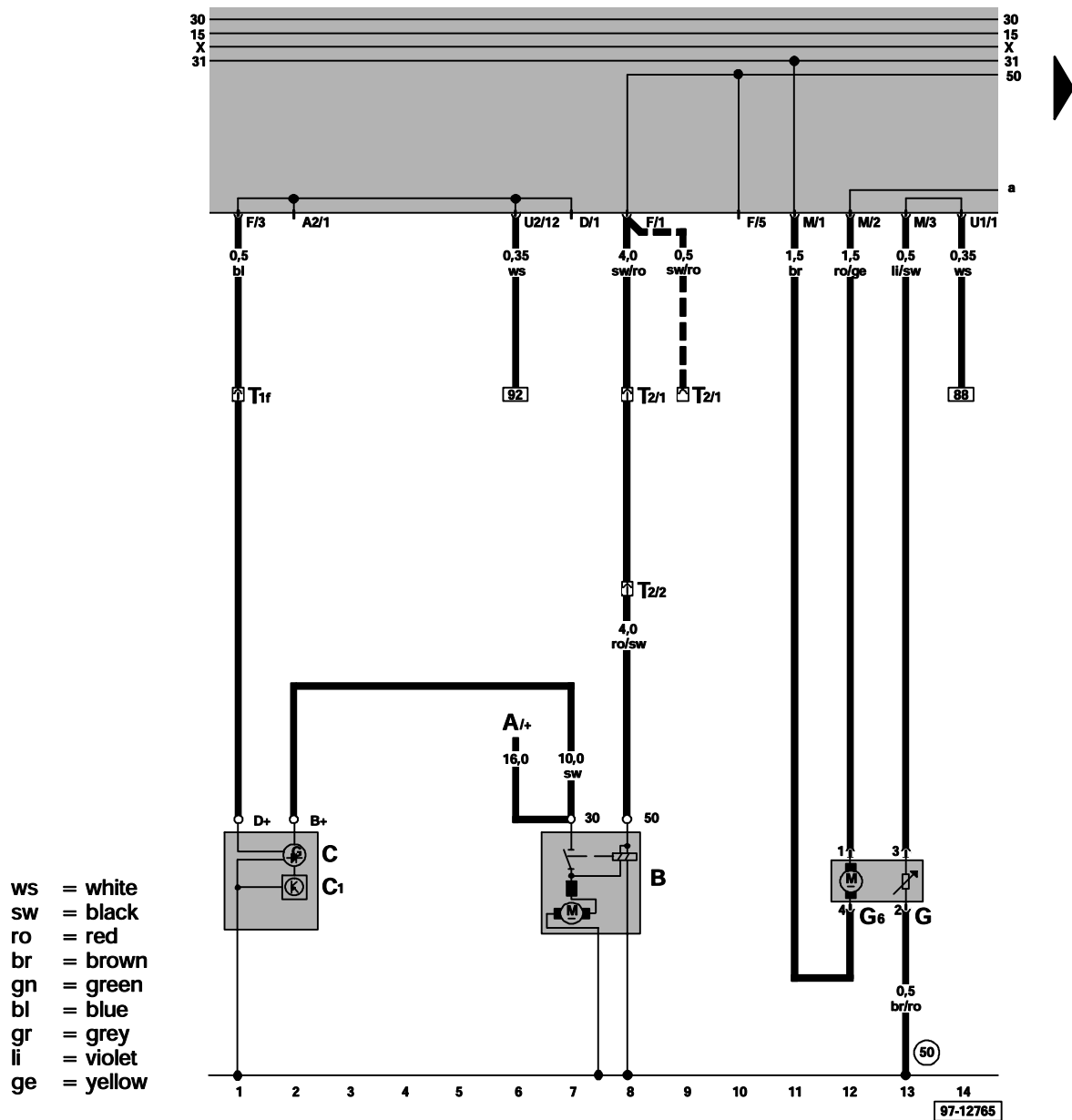
3 – Motronic Engine Control Module (ECM)
Power Supply Relay (109)

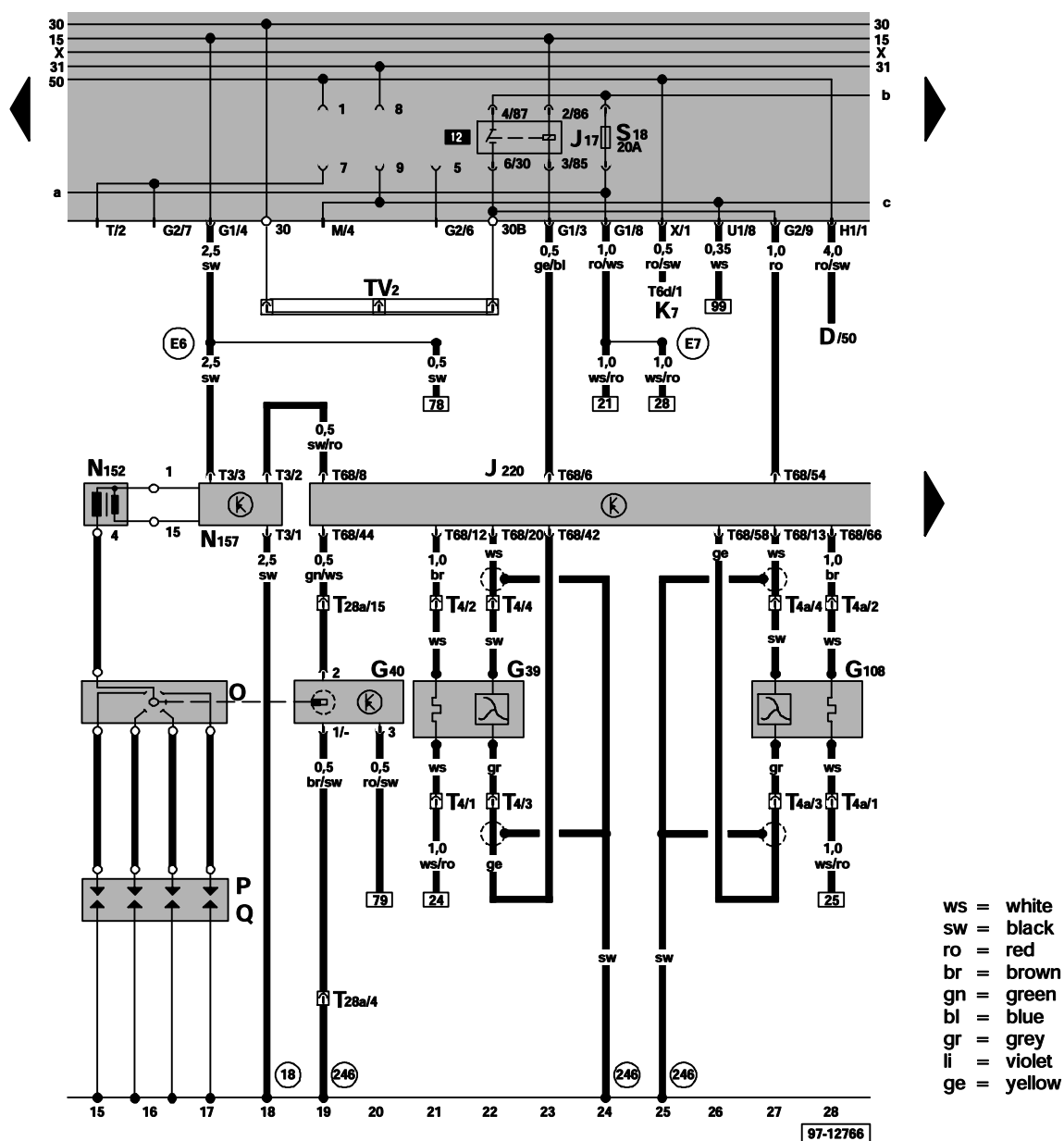
12 – Fuel Pump (FP) Relay (167)

Note: Number in parentheses indicates production control number stamped on relay housing.

Fuse colors

30A – green
25A – white
20A – yellow
15A – blue
10A – red





- D - Ignition/Starter Switch
- G39 - Heated Oxygen Sensor (HO2S) (00525)
- G40 - Camshaft Position (CMP) Sensor (00515)
- G108 - Heated Oxygen Sensor (HO2S) 2 (00555)
- J17 - Fuel Pump (FP) Relay (01259)
- J220 - Motronic Engine Control Module (ECM), in plenum chamber, right
- K7 - Brake and Parking Brake Warning Light
- N152 - Ignition Coil
- N157 - Ignition Coil Power Output Stage
- O - Ignition Distributor
- P - Spark Plug Connectors
- Q - Spark Plugs
- T3 - 3-Pin Connector
- T4 - 4-Pin Connector
- T4a - 4-Pin Connector
- T6d - 6-Pin Connector

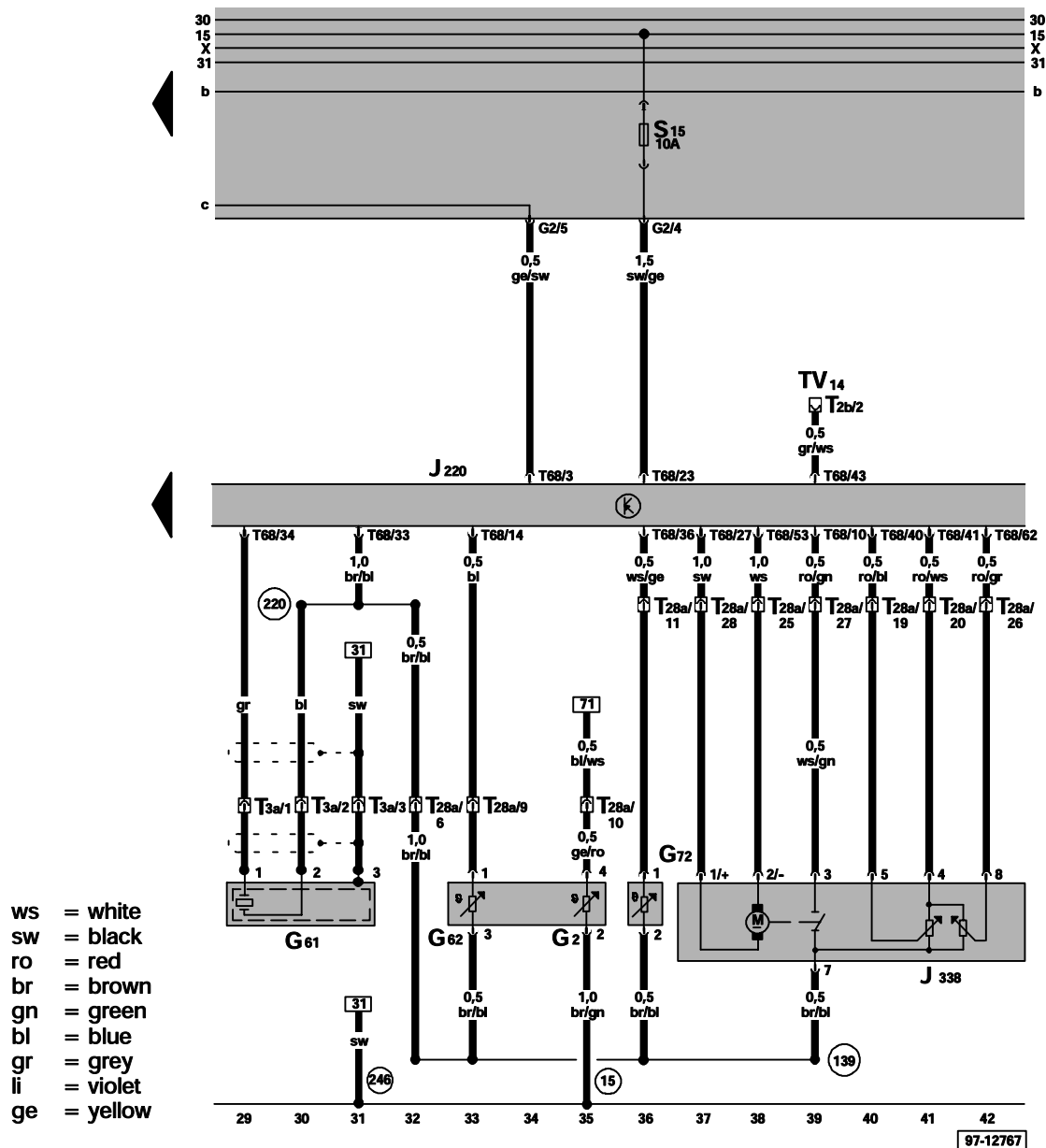
- T28a - 28-Pin Connector, on left cylinder head
- T68 - 68-Pin Connector
- TV2 - Terminal 30 (B+) Wire Connector, above fuse/relay panel

- 18 - Ground connection, on engine block

- 246 - Ground connection (control module), in engine wiring harness

- E6 - Plus connection -1- (15), in Motronic Multipoint Fuel Injection (MFI) wiring harness

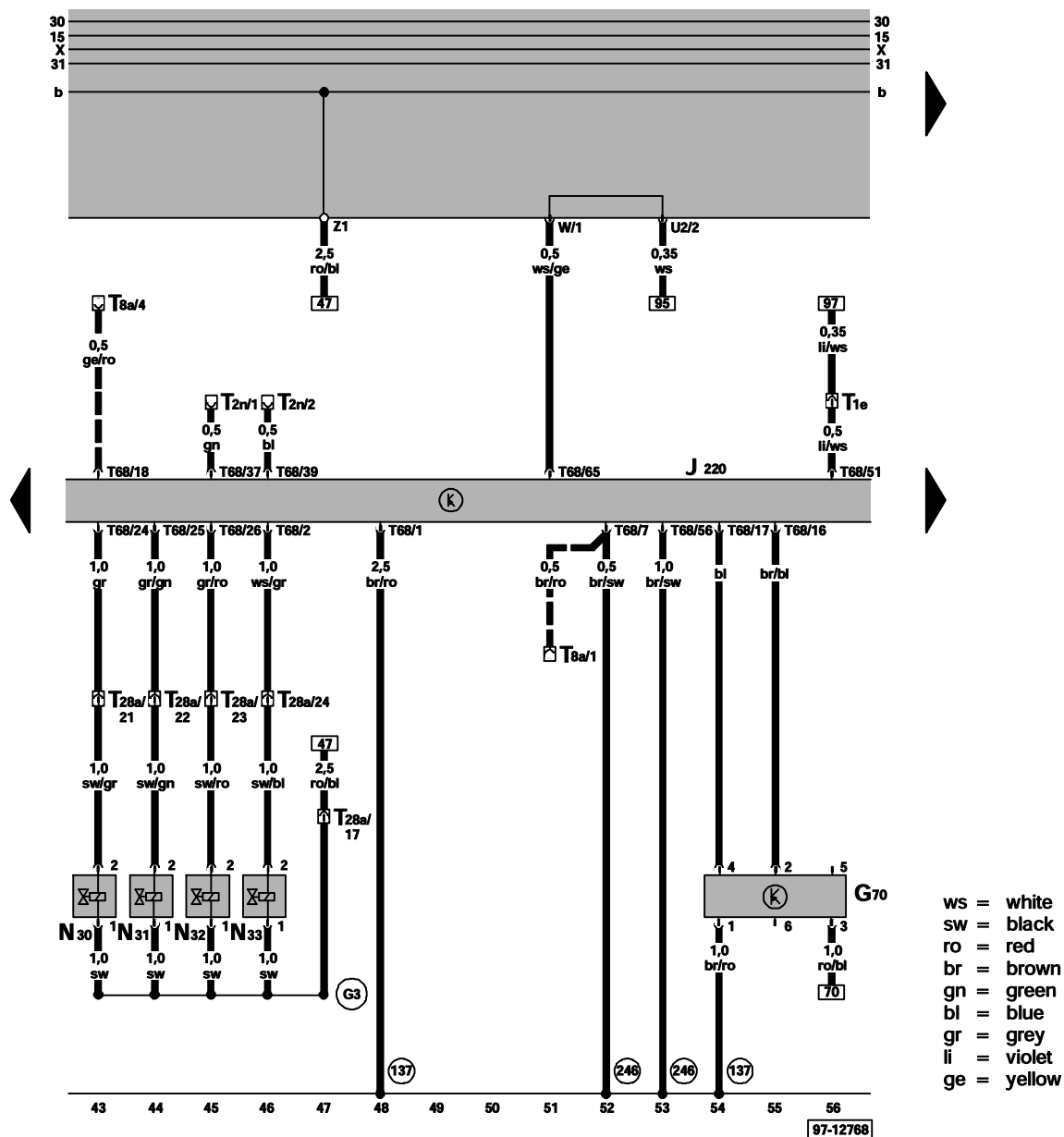
- E7 - Plus connection (87a), in Motronic Multipoint Fuel Injection (MFI) wiring harness



- G2 – Engine Coolant Temperature (ECT) Sensor (01039)
- G61 – Knock Sensor (KS)
- G62 – Engine Coolant Temperature (ECT) Sensor (00522)
- G72 – Intake Air Temperature (IAT) Sensor (00527)
- J220 – Motronic Engine Control Module (ECM), in plenum chamber, right
- J338 – Throttle Valve Control Module (01165)
- T2b – Double Connector, on Data Link Connector (DLC) Wire Connector, behind console
- T3a – 3-Pin Connector, near starter
- T28a – 28-Pin Connector, on left cylinder head
- T68 – 68-Pin Connector, on Motronic Engine Control Module (ECM)

TV14 – Data Link Connector (DLC) Wire Connector, behind console

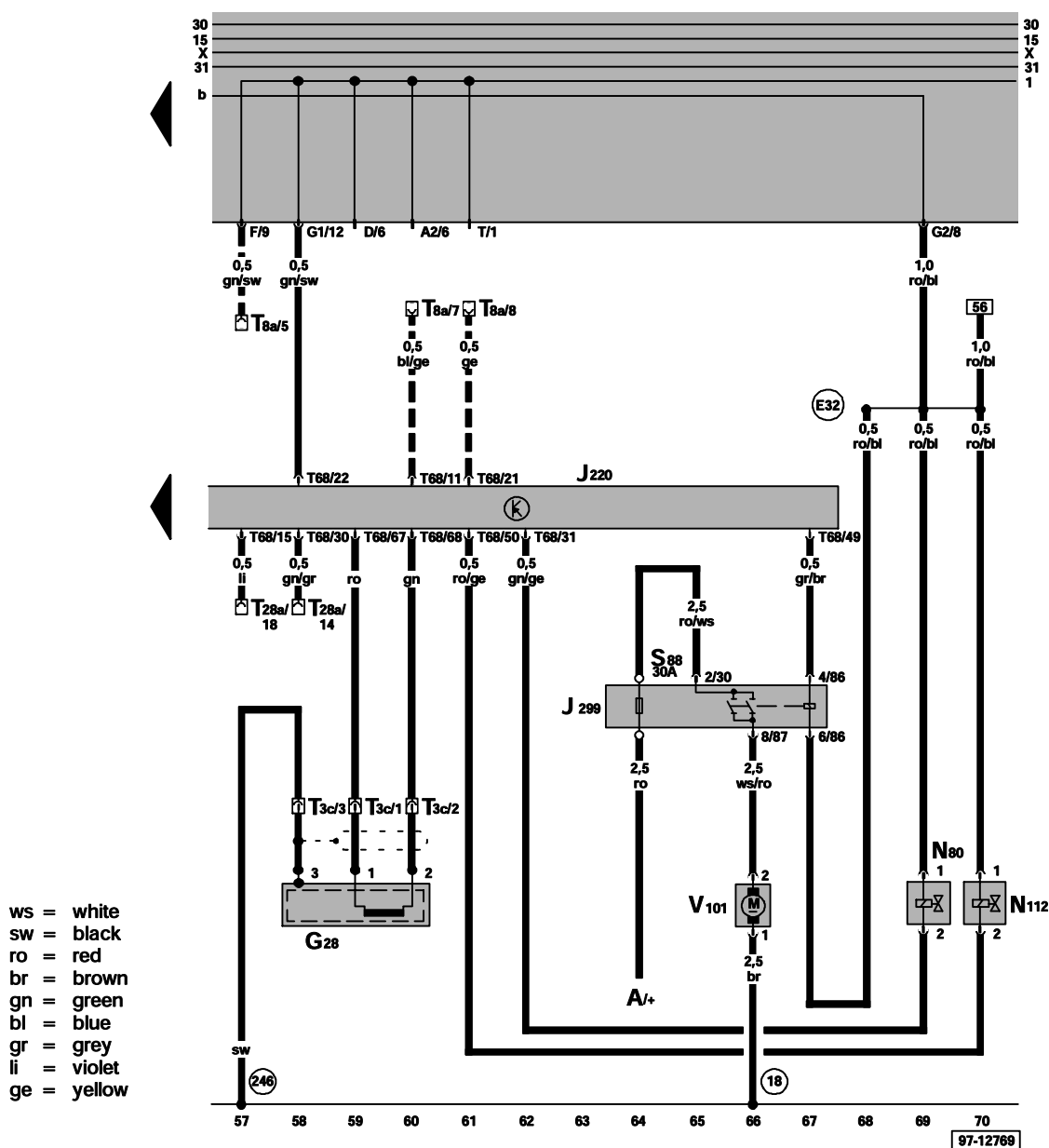
- (15) – Ground connection, on cylinder head
- (139) – Ground connection (sensor ground), in Motronic Multiport Fuel Injection (MFI) wiring harness
- (220) – Ground connection (sensor ground), in engine wiring harness
- (246) – Ground connection (control module), in engine wiring harness



- G70 – Mass Air Flow (MAF) Sensor (00553)
- J220 – Motronic Engine Control Module (ECM), in plenum chamber, right
- N30 – Cylinder 1 Fuel Injector (01249)
- N31 – Cylinder 2 Fuel Injector (01250)
- N32 – Cylinder 3 Fuel Injector (01251)
- N33 – Cylinder 4 Fuel Injector (01252)
- T1e – Single Connector, multi-function indicator signal
- T2n – Double Connector, behind fuse/relay panel, A/C connection
- T8a – 8-Pin Connector, behind fuse/relay panel
- T28a – 28-Pin Connector, on left cylinder head
- T68 – 68-Pin Connector, on Motronic Engine Control Module (ECM)

- (137) – Ground connection (end stage), in Motronic Multiport Fuel Injection (MFI) wiring harness
- (246) – Ground connection (control module), in engine wiring harness
- (G3) – Plus connection, in injectors wiring harness

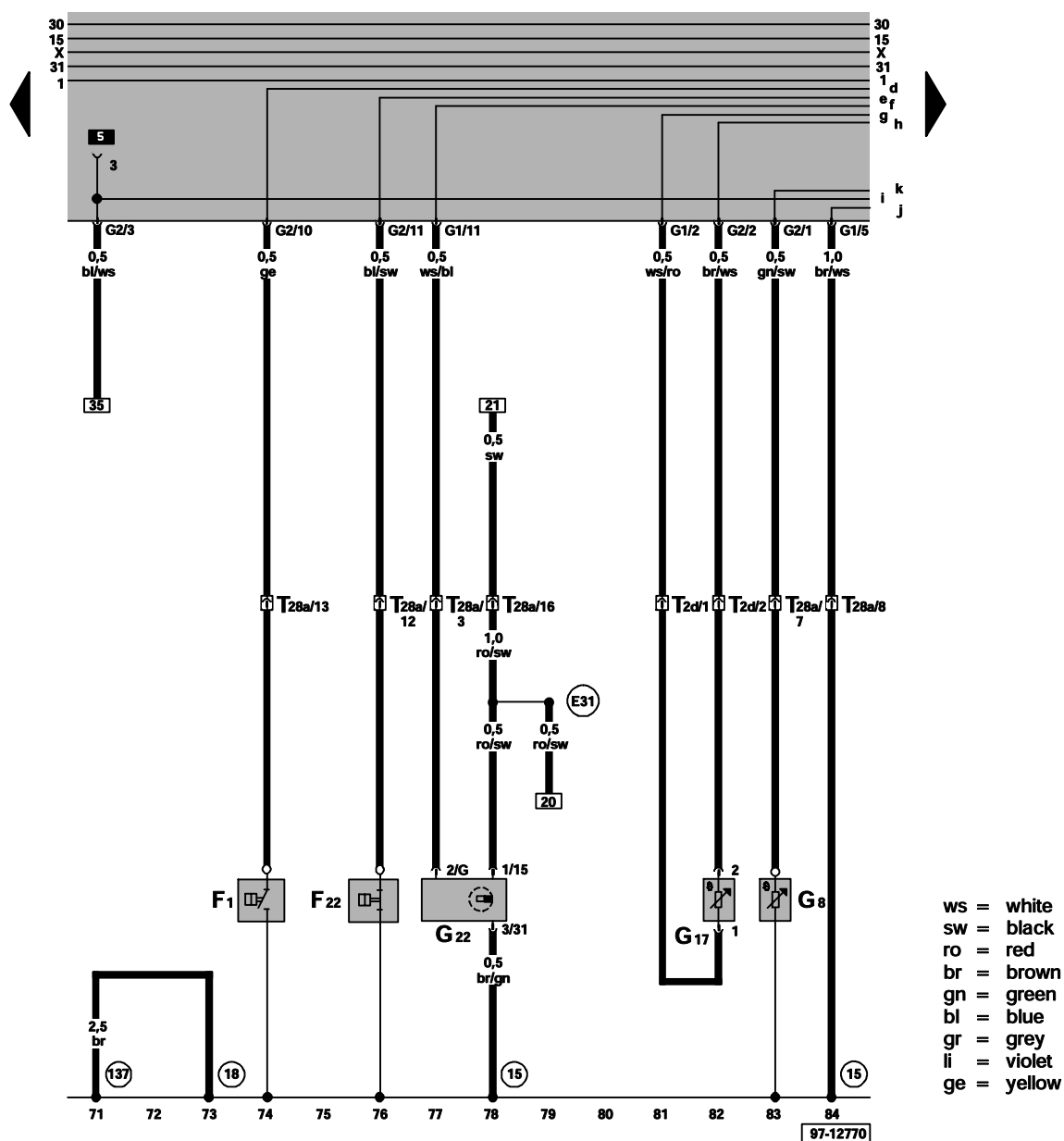
— — Automatic transmission only



- A - Battery
- G28 - Engine Speed (RPM) Sensor (00513)
- J220 - Motronic Engine Control Module (ECM), in plenum chamber, right
- J299 - Secondary Air Injection (AIR) Pump Relay (01264)
- N80 - Evaporative Emission (EVAP) Canister Purge Regulator Valve
- N112 - Secondary Air Injection (AIR) Solenoid Valve Purge Regulator Valve (01247)
- S88 - Fuse Strip for Secondary Air Injection (AIR)
- T3c - 3-Pin Connector, near starter
- T8a - 8-Pin Connector, behind fuse/relay panel
- T28a - 28-Pin Connector, on left cylinder head
- T68 - 68-Pin Connector, on Motronic Engine Control Module (ECM)
- V101 - Secondary Air Injection (AIR) Pump Motor

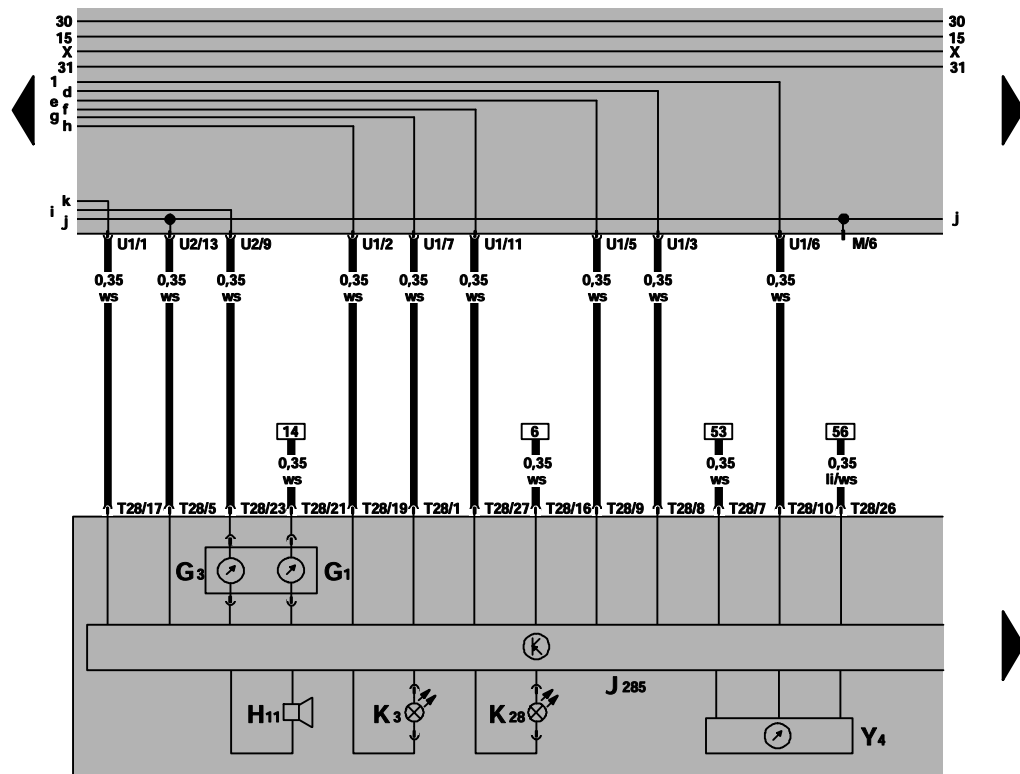
- (18) - Ground connection, on engine block
- (246) - Ground connection (control module), in engine wiring harness
- (E32) - Connector (87), in Motronic Multiport Fuel Injection (MFI) wiring harness

■ ■ - Automatic transmission only



- F1 – Oil Pressure Switch
 F22 – 0.3 Bar Oil Pressure Switch
 G8 – Oil Temperature Sensor
 G17 – Outside Air Temperature Sensor
 G22 – Speedometer Vehicle Speed Sensor (VSS) (01086), (hall sensor, on transmission)
 T2d – Double Connector, in engine compartment, right front
 T28a – 28-Pin Connector, on left cylinder head

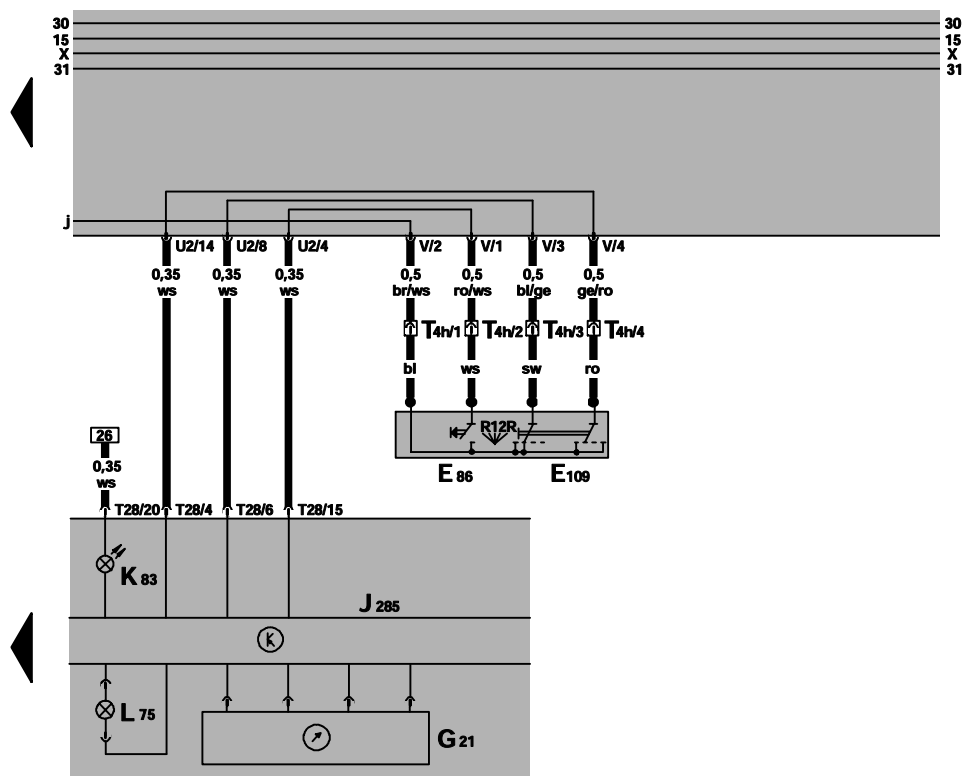
- (15) – Ground connection, on cylinder head
 (137) – Ground connection (end stage), in Motronic Multiport Fuel Injection (MFI) wiring harness
 (E31) – Connector (15), in wiring harness engine



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

85 86 87 88 89 90 91 92 93 94 95 96 97 98
 97-12771

- G1 – Fuel Gauge (00664)
- G3 – Engine Coolant Temperature (ECT) Gauge
- H11 – Oil Pressure Warning Buzzer
- J285 – Control Module With Display Unit In Instrument Cluster
- K3 – Oil Pressure Warning Light (00755)
- K28 – Engine Coolant Level/Temperature (ECL/ECT) Warning Light
- T28 – 28-Pin Connector, on instrument cluster
- Y4 – Odometer Display



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

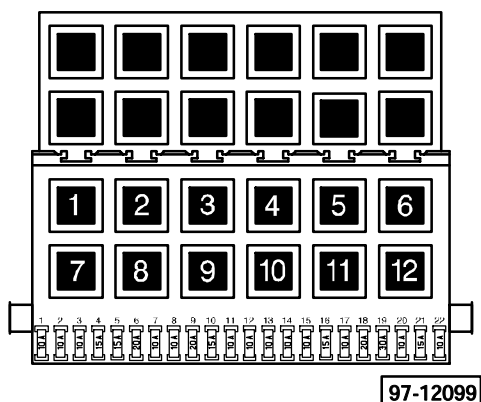
99 100 101 102 103 104 105 106 107 108 109 110 111 112
 97-12772

- E86 – Multi-Function Indicator Mode Select Switch
- E109 – Multi-Function Indicator Memory Switch
- G21 – Speedometer (00663)
- J285 – Control Module With Display Unit In Instrument Cluster
- K83 – Malfunction Indicator Lamp (MIL)
- L75 – Digital Display Light
- T4h – 4-Pin Connector, behind steering column switch cover
- T28 – 28-Pin Connector, on instrument cluster

2.8 Engine Motronic Multiport Fuel Injection F /128 W, code AAA, from August 1995

Relay location

For relay location and multiple connectors see also section "component locations".

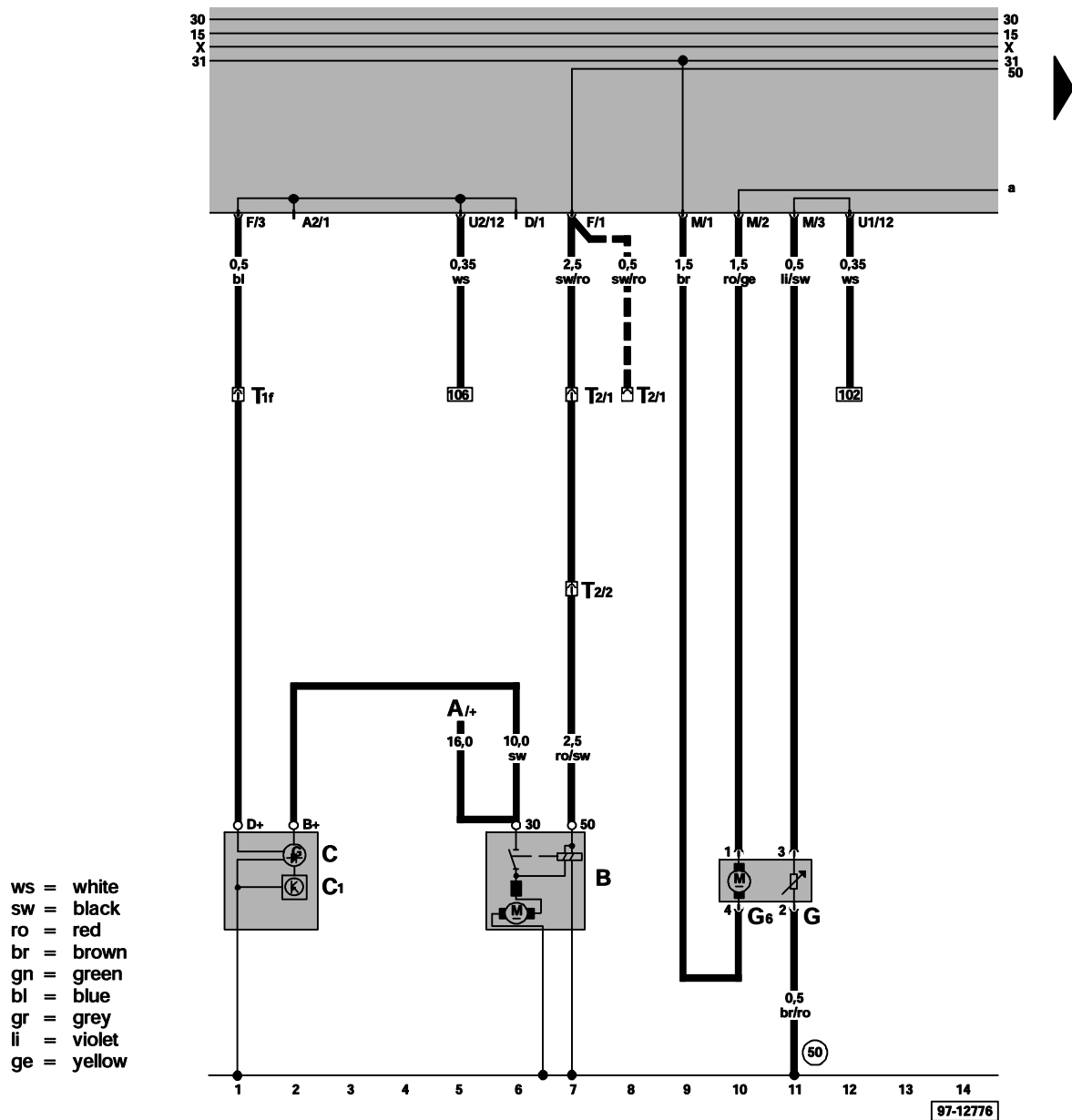


- 3** – Motronic Engine Control Module (ECM)
Power Supply Relay (109)
- 12** – Fuel Pump (FP) Relay (167)

Note: Number in parentheses indicates production control number stamped on relay housing.

Fuse colors

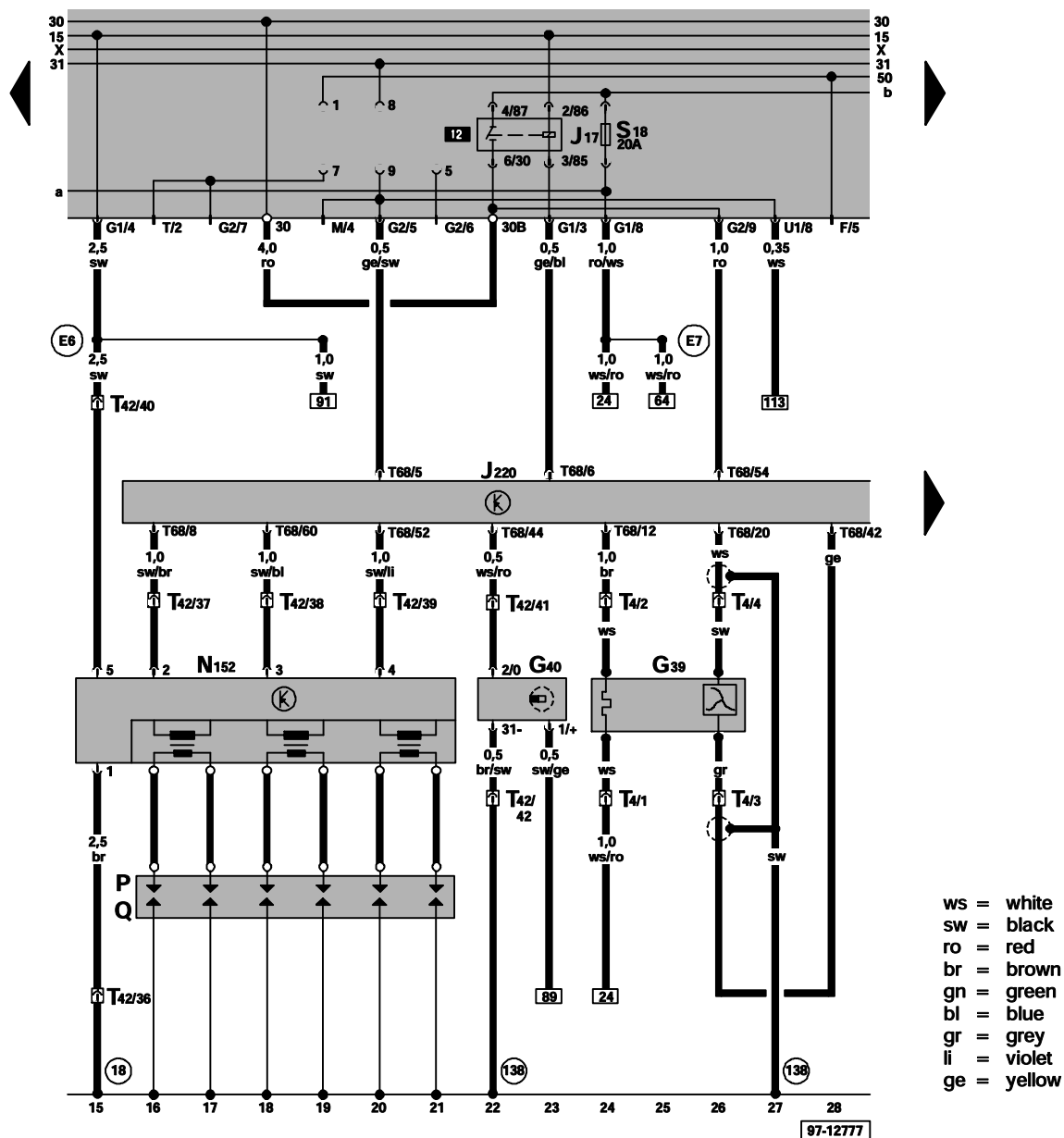
30A – green
25A – white
20A – yellow
15A – blue
10A – red



- A - Battery
- B - Starter
- C - Generator (GEN)
- C1 - Voltage Regulator (VR)
- G - Fuel Level Sensor
- G6 - Fuel Pump (FP)
- T1f - Single Connector, near starter
- T2 - Double Connector, behind fuse/relay panel

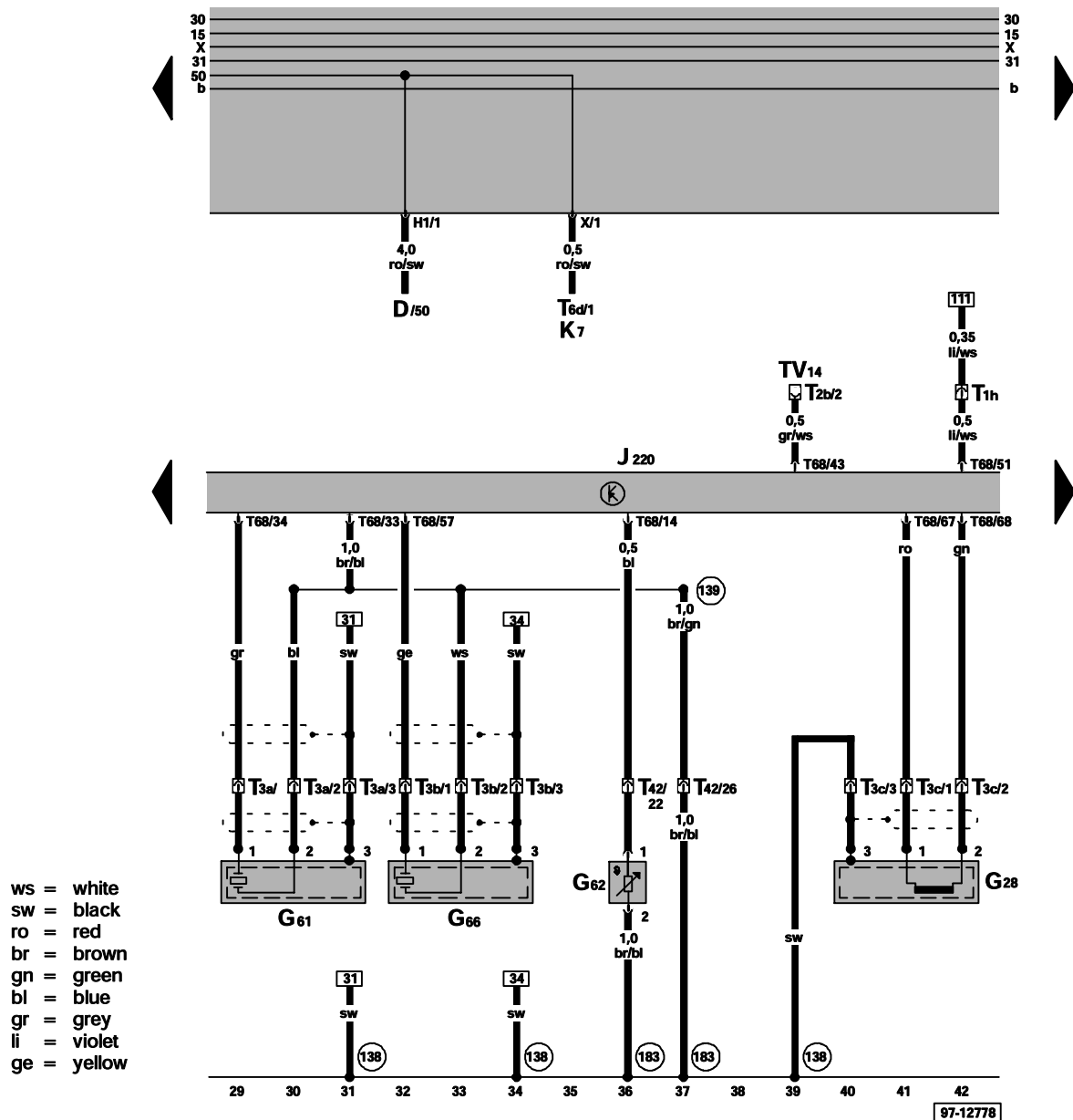
(50) - Ground connection, in luggage compartment, left

--- - Automatic transmission only



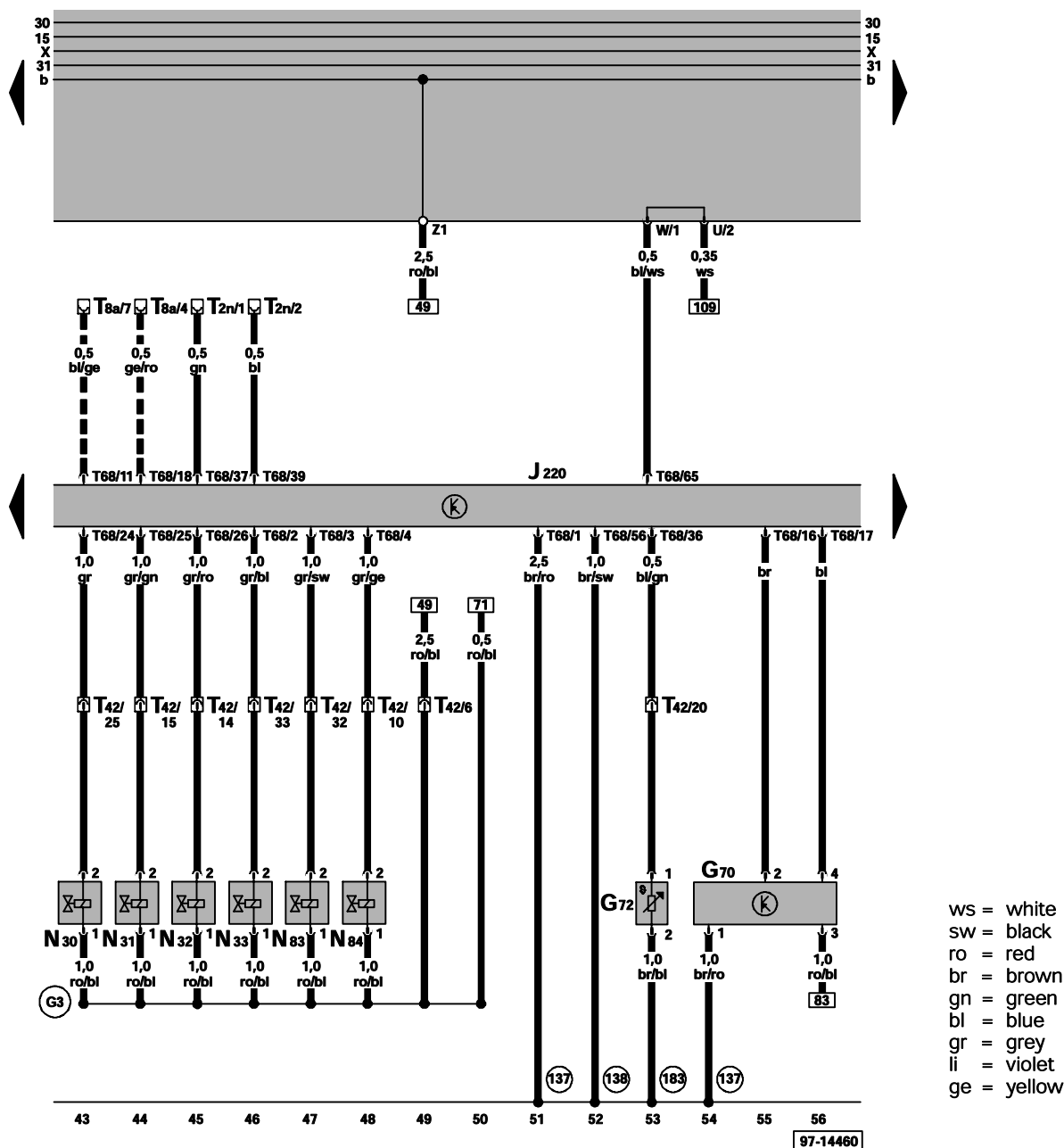
-  G39 - Heated Oxygen Sensor (HO2S) (00525)
- G40 - Camshaft Position (CMP) Sensor (00515)
- J17 - Fuel Pump (FP) Relay (01259)
-  J220 - Motronic Engine Control Module (ECM), in plenum chamber, right
-  N152 - Ignition Coil
- P - Spark Plug Connectors
- Q - Spark Plugs
- T4 - 4-Pin Connector, near exhaust pipe
- T42 - 42-Pin Connector, on left cylinder head
- T68 - 68-Pin Connector, on Motronic Engine Control Module (ECM)

- 18 - Ground connection, on engine block
- 138 - Ground connection (control module), in Motronic Multiport Fuel Injection (MFI) wiring harness
- E6 - Plus connection -1- (15), in Motronic Multiport Fuel Injection (MFI) wiring harness
- E7 - Plus connection (87a), in Motronic Multiport Fuel Injection (MFI) wiring harness



- D - Ignition/Starter Switch
- G28 - Engine Speed (RPM) Sensor (00513)
- G61 - Knock Sensor (KS) 1 (00524)
- G62 - Engine Coolant Temperature (ECT) Sensor (00522)
- G66 - Knock Sensor (KS) II (00540)
- J220 - Motronic Engine Control Module (ECM), in plenum chamber, right
- K7 - Brake and Parking Brake Warning Light
- T1h - Single Connector, behind fuse/relay panel, consumption signal for multi-function display
- T2b - Double Connector, behind console, on Data Link Connector (DLC) Wire Connector
- T3a - 3-Pin Connector, near starter
- T3b - 3-Pin Connector, near exhaust pipe
- T3c - 3-Pin Connector, near starter
- T6d - 6-Pin Connector

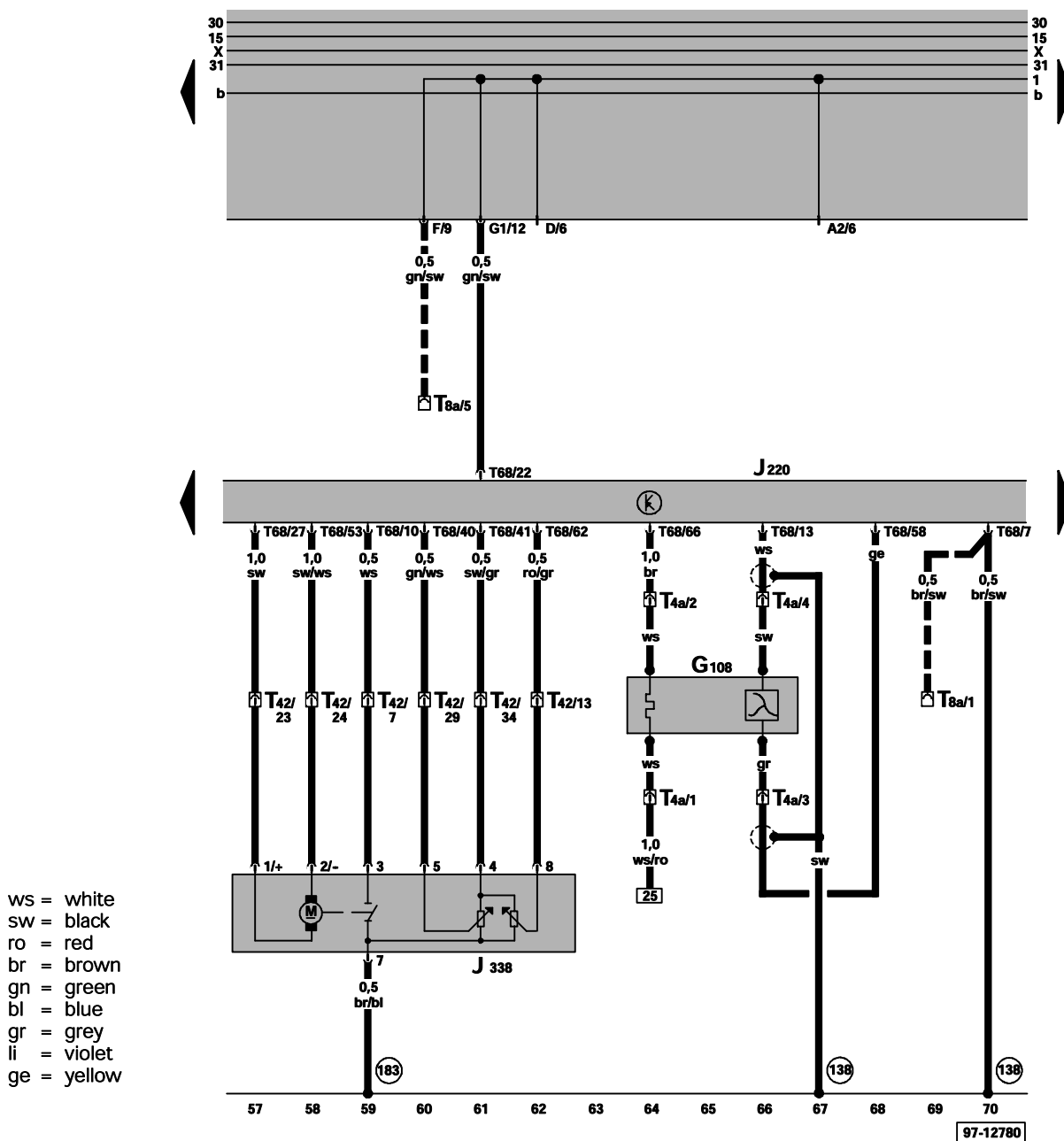
- T42 - 42-Pin Connector, on left cylinder head
- T68 - 68-Pin Connector, on Motronic Engine Control Module (ECM)
- TV14 - Data Link Connector (DLC) Wire Connector, behind console



- G70 - Mass Air Flow (MAF) Sensor (00553)
- G72 - Intake Air Temperature (IAT) Sensor
- J220 - Motronic Engine Control Module (ECM), in plenum chamber, right
- N30 - Cylinder 1 Fuel Injector (01249)
- N31 - Cylinder 2 Fuel Injector (01250)
- N32 - Cylinder 3 Fuel Injector (01251)
- N33 - Cylinder 4 Fuel Injector (01252)
- N83 - Cylinder 5 Fuel Injector (01253)
- N84 - Cylinder 6 Fuel Injector (01254)
- T2n - Double Connector, behind fuse/relay panel, air conditioning connection
- T8a - 8-Pin Connector, behind fuse/relay panel
- T42 - 42-Pin Connector, on left cylinder head
- T68 - 68-Pin Connector

- (137) - Ground connection (end stage), in Motronic Multiport Fuel Injection (MFI) wiring harness
- (138) - Ground connection (control module), in Motronic Multiport Fuel Injection (MFI) wiring harness
- (183) - Ground connection -2-, in engine compartment wiring harness (6 Cylinder)
- (G3) - Plus connection, in injector wiring harness

--- Automatic transmission only



G108 - Heated Oxygen Sensor (HO2S) 2 (00555)

J220 - Motronic Engine Control Module (ECM),
in plenum chamber, right

J338 - Throttle Valve Control Module (01165)

T4a - 4-Pin Connector, near exhaust pipe

T8a - 8-Pin Connector, behind fuse/relay panel

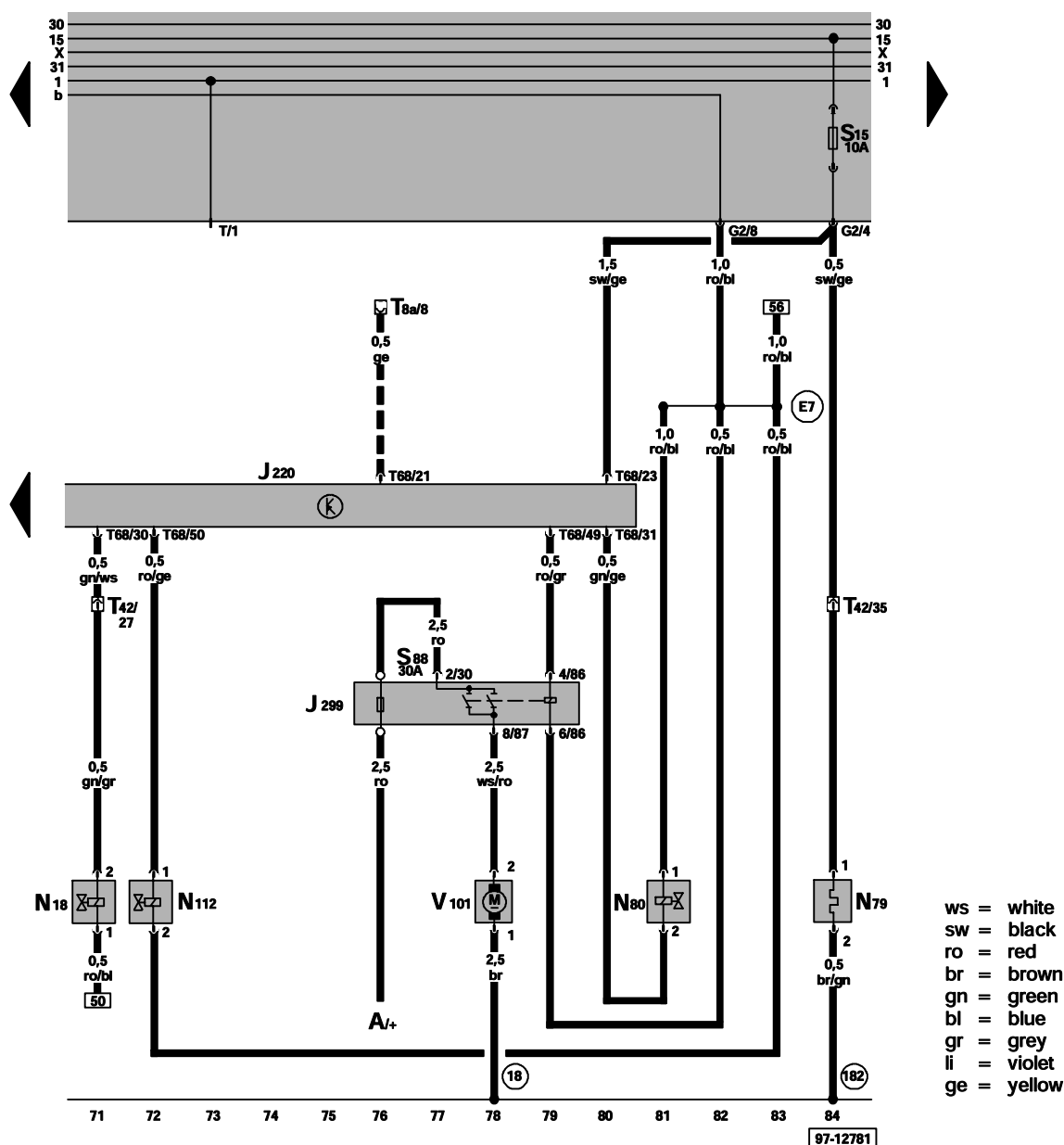
T42 - 42-Pin Connector, on left cylinder head

T68 - 68-Pin Connector

(138) - Ground connection (control module), in Motronic
Multiport Fuel Injection (MFI) wiring harness

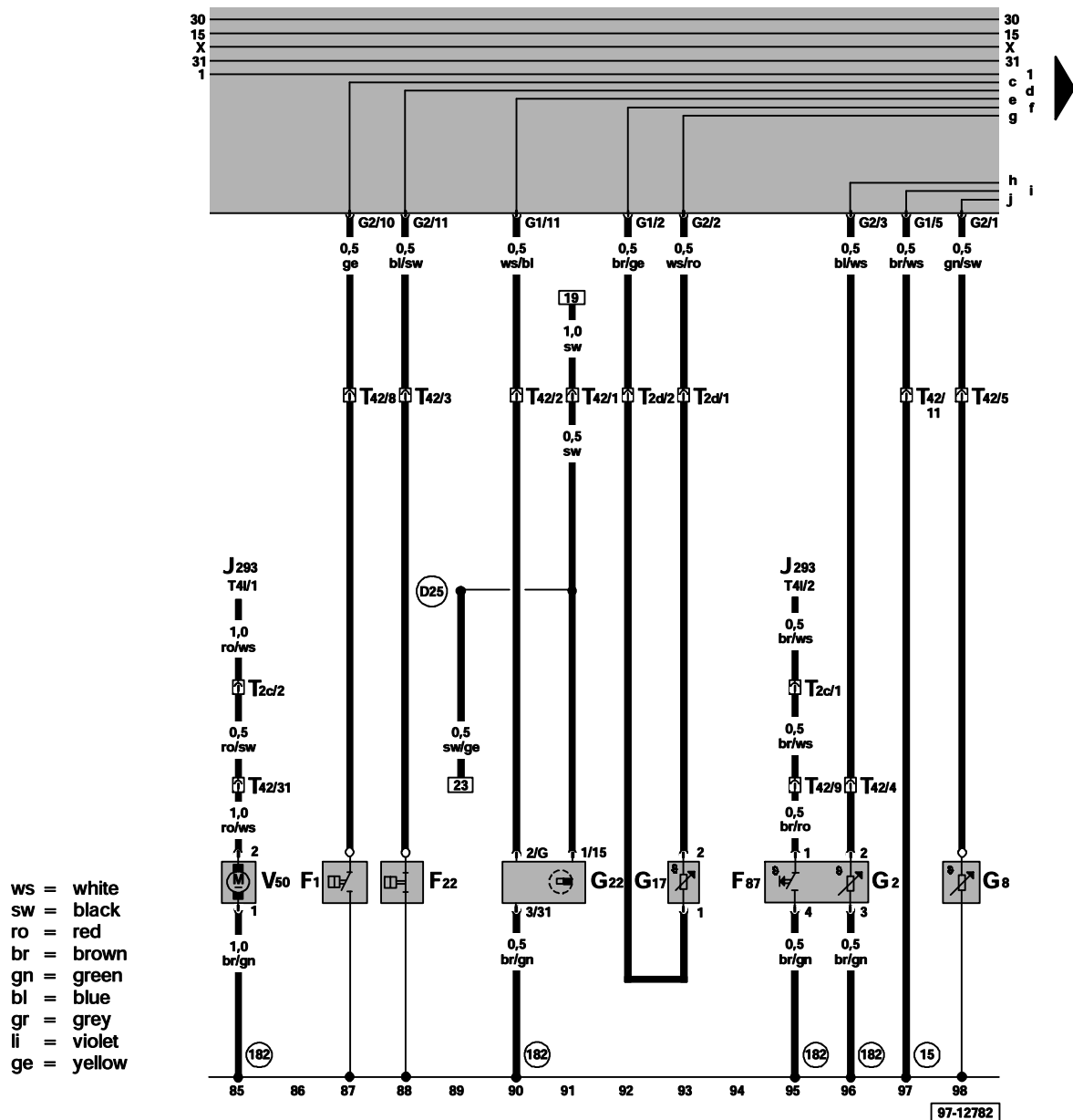
(183) - Ground connection -2-, in engine compartment
wiring harness (6 Cylinder)

--- Automatic transmission only



- A – Battery
- J220 – Motronic Engine Control Module (ECM), in plenum chamber, right
- J299 – Secondary Air Injection (AIR) Pump Relay (01264)
- N18 – EGR Vacuum Regulator Solenoid Valve
- N79 – Positive Crankcase Ventilation (PCV) Heating Element
- N80 – Evaporative Emission (EVAP) Canister Purge Regulator Valve (01247)
- N112 – Secondary Air Injection (AIR) Solenoid Valve (01235)
- S88 – Fuse Strip for Secondary Air Injection (AIR) Pump Motor
- T8a – 8-Pin Connector, behind fuse/relay panel
- T42 – 42-Pin Connector

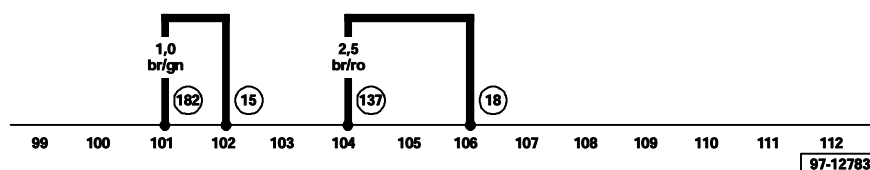
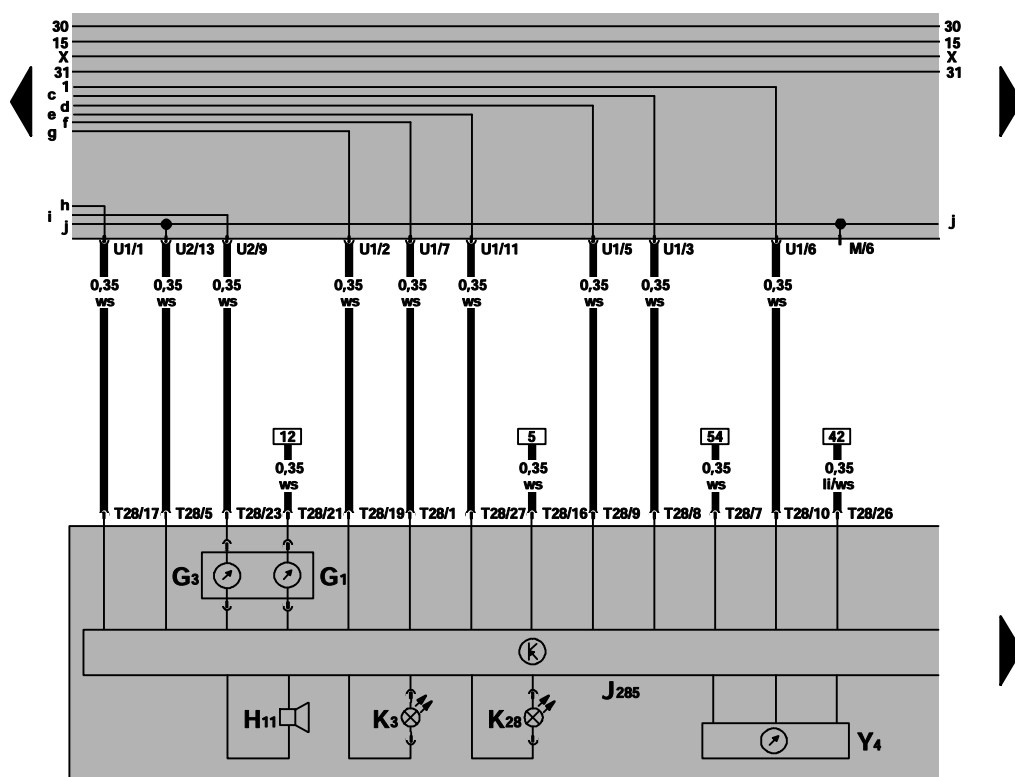
- T68 – 68-Pin Connector, on Motronic Engine Control Module (ECM)
- V101 – Secondary Air Injection (AIR) Pump Motor
- (18) – Ground connection, on engine block
- (182) – Ground connection – 1 –, in engine compartment wiring harness (6 Cylinder)
- (E7) – Plus connection (87a), in Multiport Fuel Injection (MFI) wiring harness



- F1 – Oil Pressure Switch
- F22 – 0.3 Bar Oil Pressure Switch
-  F87 – After-Run Coolant Fan Control (FC) Thermal Switch
-  G2 – Engine Coolant Temperature (ECT) Sensor
-  G8 – Engine Oil Temperature Sensor
-  G17 – Outside Air Temperature Sensor
-  G22 – Speedometer Vehicle Speed Sensor (VSS) (01086), (hall generator, on transmission)
-  J293 – Coolant FC (Fan Control) Control Module, in engine compartment, left
- T2c – Double Connector, behind fuse/relay panel
- T2d – Double Connector, in engine compartment, right
- T4i – 4-Pin Connector, on Coolant FC (Fan Control) Control Module

- T42 – 42-Pin Connector, on left cylinder head
- V50 – Coolant Pump

- (15) – Ground connection, on cylinder head
- (182) – Ground connection – 1 –, in engine compartment wiring harness (6 Cylinder)
- (D25) – Plus connection (15), in engine pre-wiring harness wiring

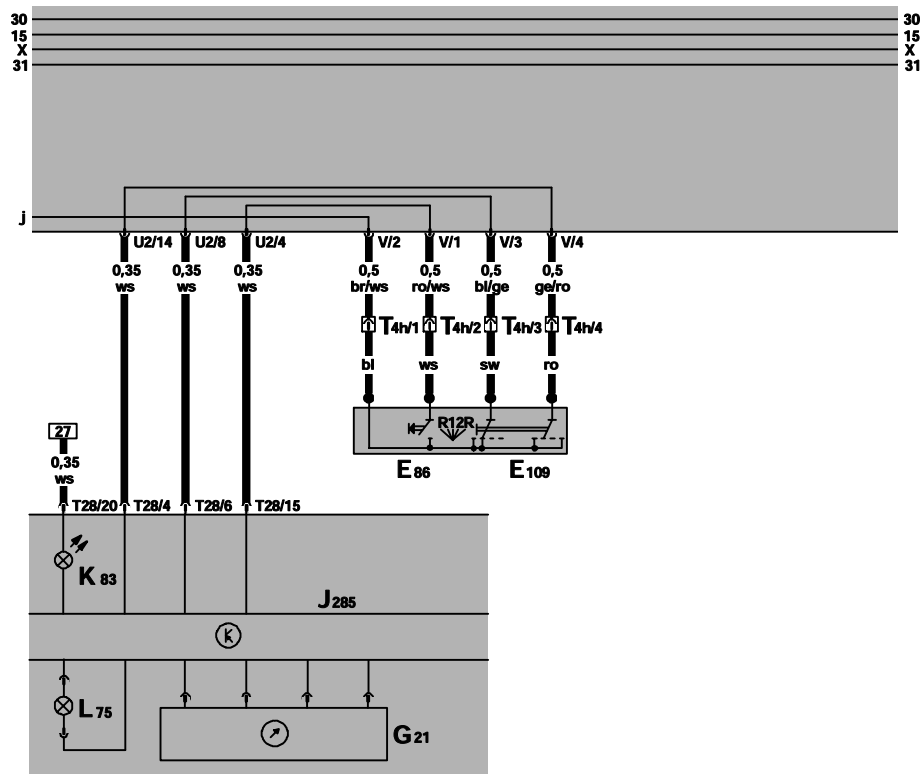


ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = violet
 ge = yellow

- G1 – Fuel Gauge
- G3 – Engine Coolant Temperature (ECT) Gauge
- H11 – Oil Pressure Warning Buzzer
- J285 – Control Module With Display Unit In Instrument Cluster
- K3 – Oil Pressure Warning Light
- K28 – Engine Coolant Level/Temperature (ECL/ECT) Warning Light
- T28 – 28-Pin Connector, on instrument cluster
- Y4 – Odometer Display

- (18) – Ground connection, on engine block
- (137) – Ground connection (end stage), in Motronic Multiport Fuel Injection (MFI) wiring harness
- (182) – Ground connection – 1 –, in engine compartment wiring harness (6 Cylinder)

- (15) – Ground connection, on cylinder head



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

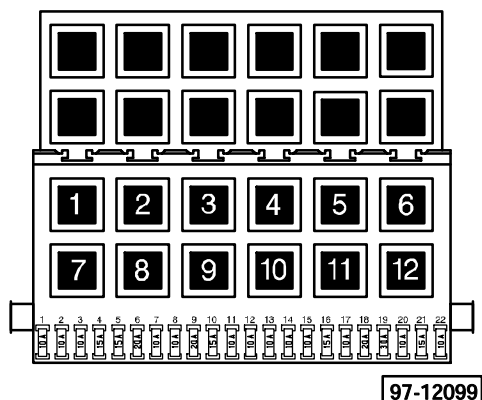
113 114 115 116 117 118 119 120 121 122 123 124 251 126
 97-12784

- E86 – Multi-Function Indicator Mode Select Switch
- E109 – Multi-Function Indicator Memory Switch
- G21 – Speedometer (00663)
- J285 – Control Module With Display Unit In Instrument Cluster
- K83 – Malfunction Indicator Lamp (MIL)
- L75 – Digital Display Light
- T4h – 4-Pin Connector, behind steering column switch cover
- T28 – 28-Pin Connector, on instrument cluster

Automatic transmission,
D 2.8 Engine ronic ultiport Fuel n ection F /128 W,
code AAA,
D 2.0 Engine ronic ultiport Fuel n ection F /85 W,
code A A,
from August 1995

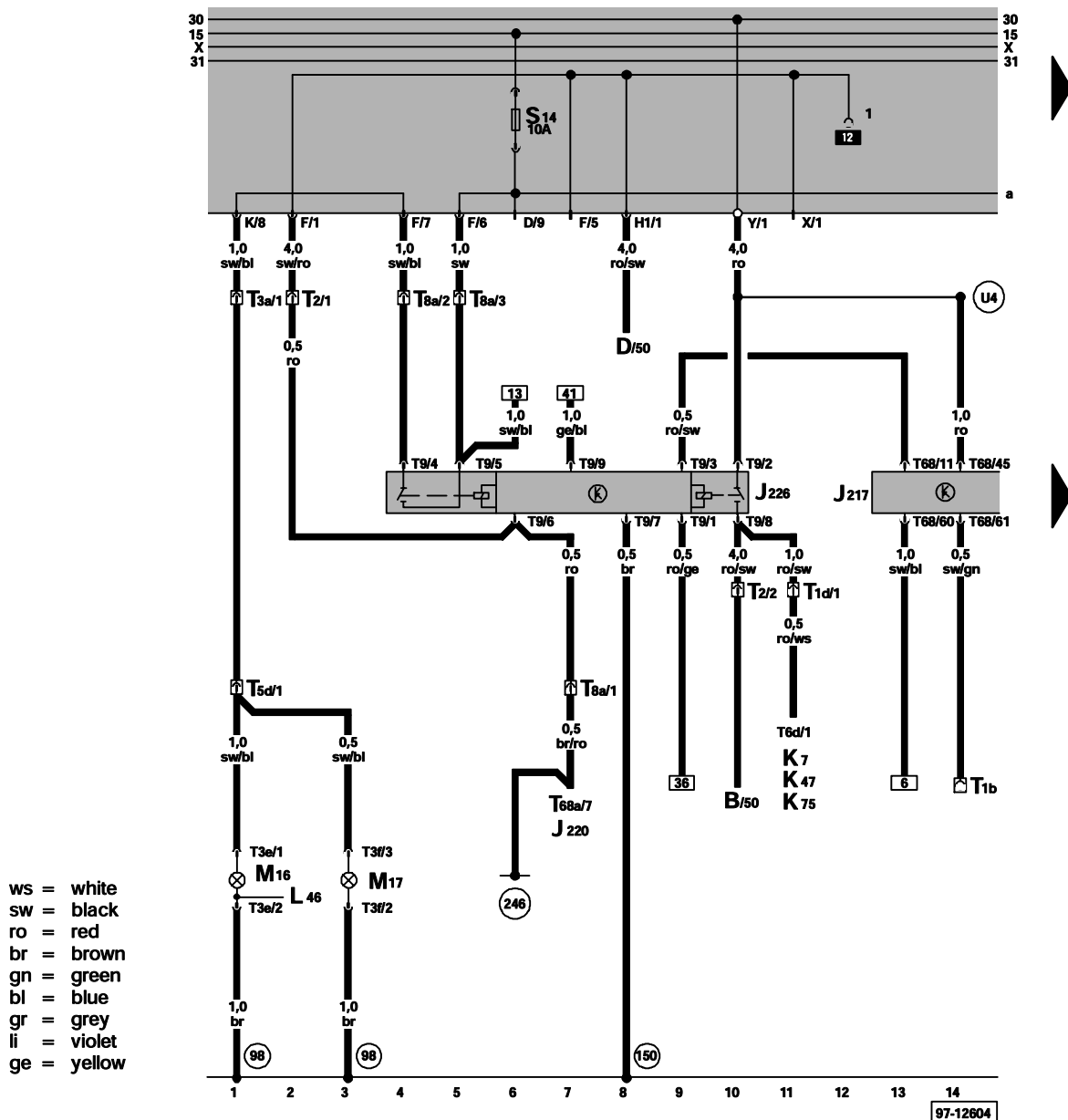
Relay location

For relay location and multiple connectors see also section "component locations".



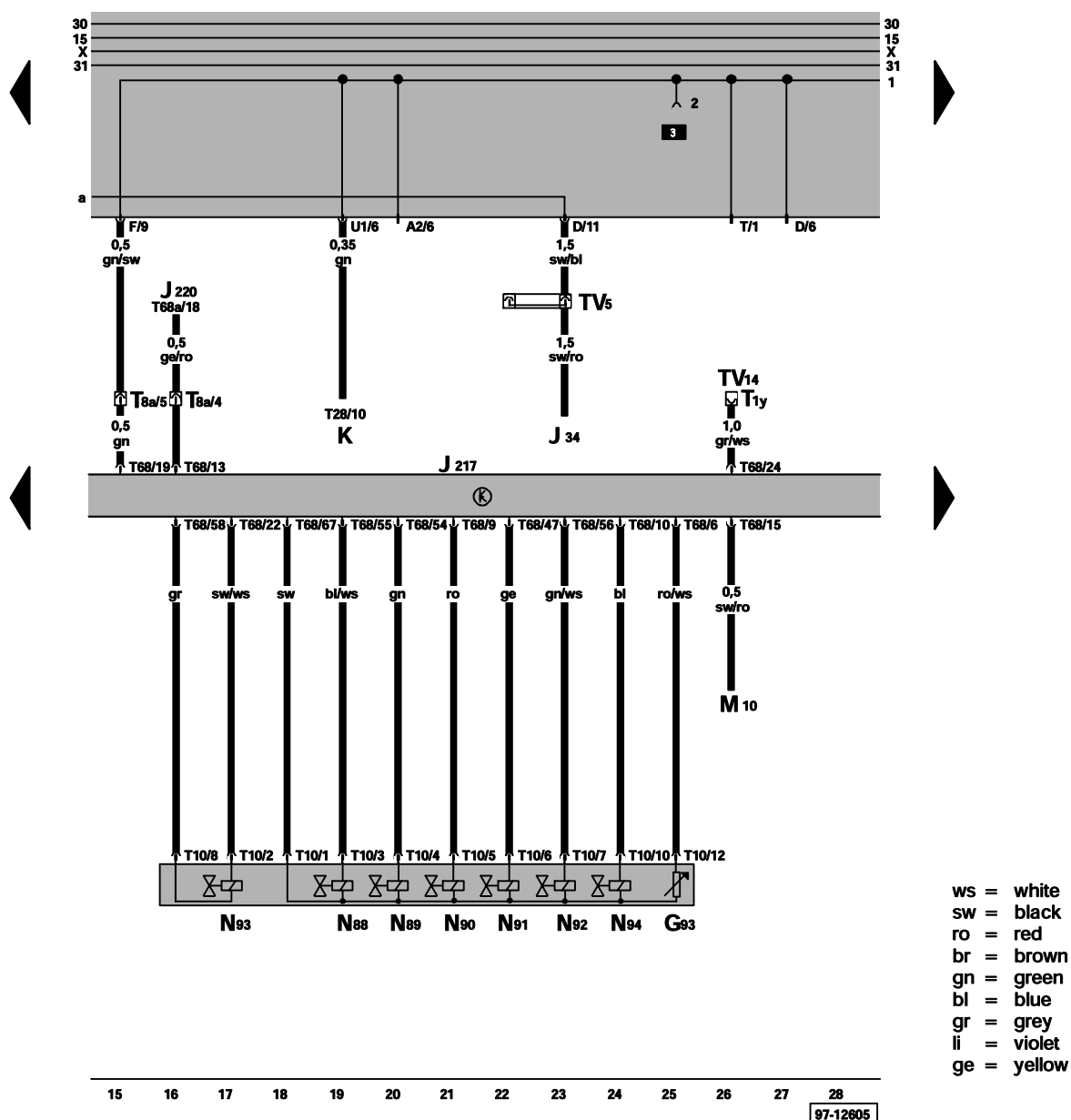
Fuse colors

30A – green
25A – white
20A – yellow
15A – blue
10A – red



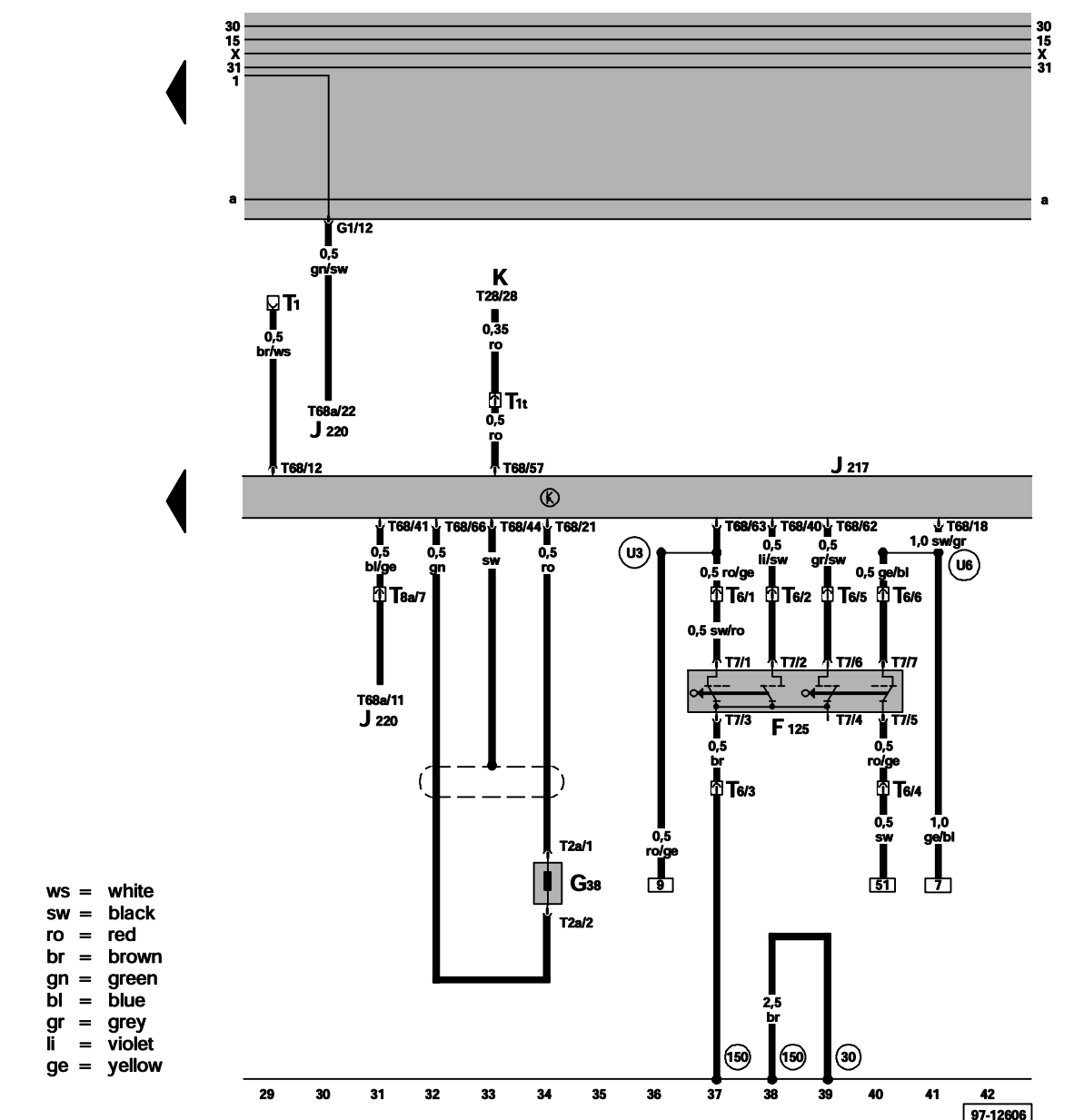
- B – Starter
- D – Ignition/Starter Switch
- J217 – Transmission Control Module (TCM), below rear seat bench
-  J220 – Motronic Engine Control Module (ECM)
- J226 – Park/Neutral Position (PNP) Relay, behind instrument panel, left
- K7 – Brake and Parking Brake Warning Light
- K47 – ABS Warning Light
- K75 – Airbag Malfunction Indicator Light (MIL)
- L46 – Left Rear Fog Light
- M16 – Left Back-Up Light
- M17 – Right Back-Up Light
- T1b – Single Connector, connection for cruise control
- T1d – Single Connector, behind fuse/relay panel
- T2 – Double Connector, behind fuse/relay panel
- T3a – 3-Pin Connector, in luggage compartment, left

- T3e – 3-Pin Connector
- T3f – 3-Pin Connector
- T5d – 5-Pin Connector, in rear lid
- T6d – 6-Pin Connector
- T8a – 8-Pin Connector, behind fuse/relay panel
- T9 – 9-Pin Connector
- T68 – 68-Pin Connector
- T68a – 68-Pin Connector, on Motronic Engine Control Module (ECM)
- (98) – Ground connection, in rear lid wiring harness
- (150) – Ground connection, in automatic transmission wiring harness
- (246) – Ground connection (control module), in wiring harness engine
- (U4) – Wire connection (30), in automatic transmission wiring harness



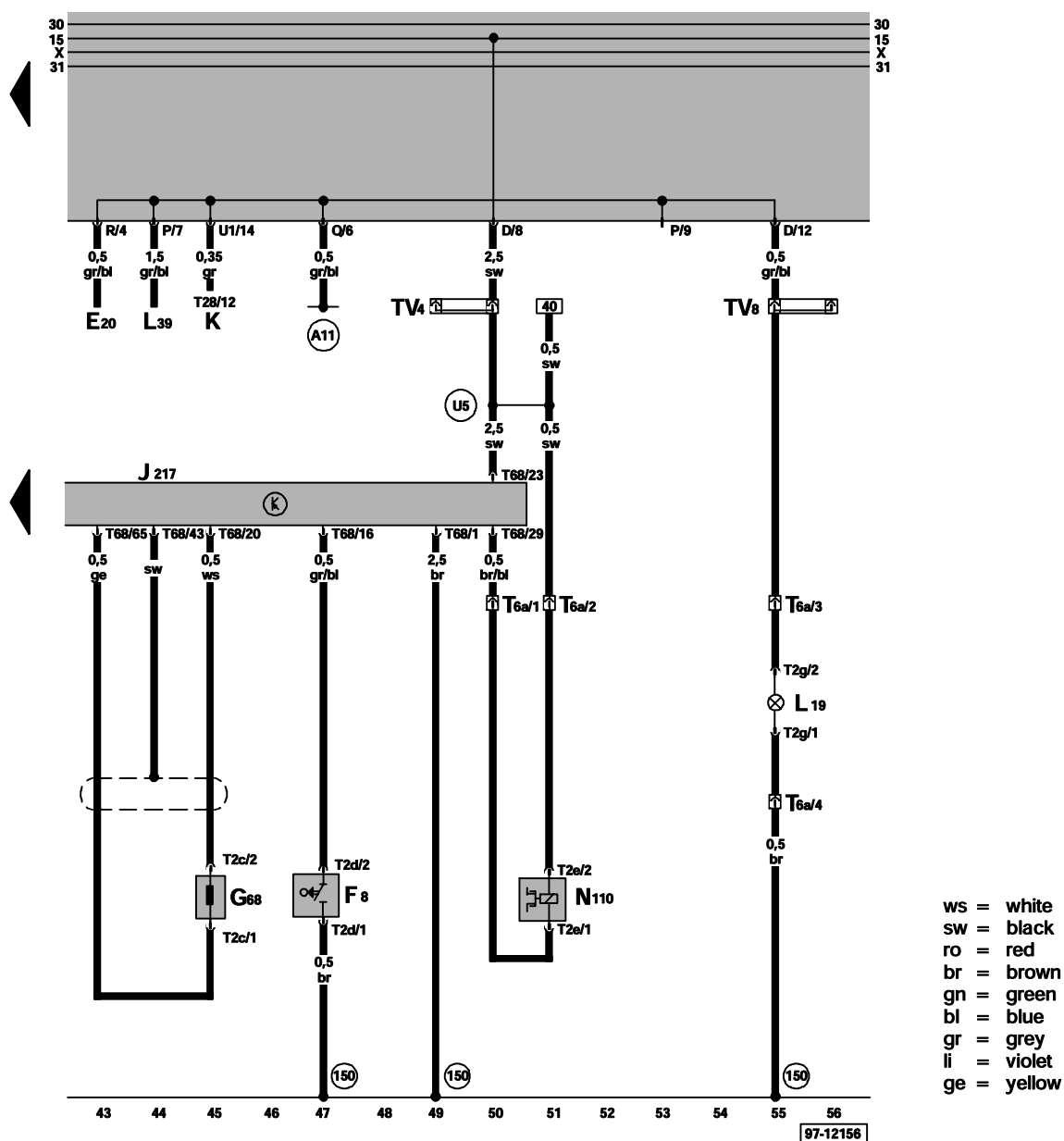
- G93 – Transmission Fluid Temperature Sensor (00300–1333)
J34 – Seat Belt Warning System Relay
J217 – Transmission Control Module (TCM), below rear seat bench
J220 – Motronic Engine Control Module (ECM)
K – Instrument Cluster
M10 – Right Brake Light
N88 – Solenoid Valve 1 (00258)
N89 – Solenoid Valve 2 (00260)
N90 – Solenoid Valve 3 (00262)
N91 – Solenoid Valve 4 (00264)
N92 – Solenoid Valve 5 (00266)
N93 – Solenoid Valve 6 (00268)
N94 – Solenoid Valve 7 (00270)

- T1y – Single Connector, on Data Link Connector (DLC) Wire Connector
T8a – 8-Pin Connector, behind fuse/relay panel
T10 – 10-Pin Connector
T28 – 28-Pin Connector, on instrument cluster
T68 – 68-Pin Connector
T68a – 68-Pin Connector, on Motronic Engine Control Module (ECM)
TV5 – Terminal 15a Wire Connector, above fuse/relay panel
TV14 – Data Link Connector (DLC) Wire Connector, behind console



- F125 – Multi-Function Transmission Range (TR) Switch (00293)
- G38 – Transmission Vehicle Speed Sensor (VSS)
- J217 – Transmission Control Module (TCM),
below rear seat bench
- J220 – Motronic Engine Control Module (ECM)
- K – Instrument Cluster
- T1 – Single Connector, behind fuse/relay panel,
A/C connection
- T1t – Single Connector, behind fuse/relay panel,
connection for Transmission Range (TR)
Selector Lever Display
- T2a – Double Connector, white
- T6 – 6-Pin Connector, in engine compartment, left
- T7 – 7-Pin Connector
- T8a – 8-Pin Connector, behind fuse/relay panel
- T28 – 28-Pin Connector, on instrument cluster

- T68 – 68-Pin Connector
- T68a – 68-Pin Connector, on Motronic Engine Control Module (ECM)
- (30) – Ground connection, – 1 –, beside fuse/relay panel
- (150) – Ground connection, in automatic transmission wiring harness
- (U3) – Wire connection, in automatic transmission wiring harness
- (U6) – Wire connection, in automatic transmission wiring harness



E20 – Instrument Panel Light Dimmer Switch
F8 – Kick Down Switch
G68 – Vehicle Speed Sensor (VSS) (00281)
J217 – Transmission Control Module (TCM), below rear seat bench
K – Instrument Cluster
L19 – Automatic Transmission Console Light
L39 – Rear Window Defogger Switch Light
N110 – Shift Lock Solenoid (01236)
T2c – Double Connector, black
T2d – Double Connector
T2e – Double Connector
T2g – Double Connector
T6a – 6-Pin Connector, near gearshift lever
T28 – 28-Pin Connector, on instrument cluster

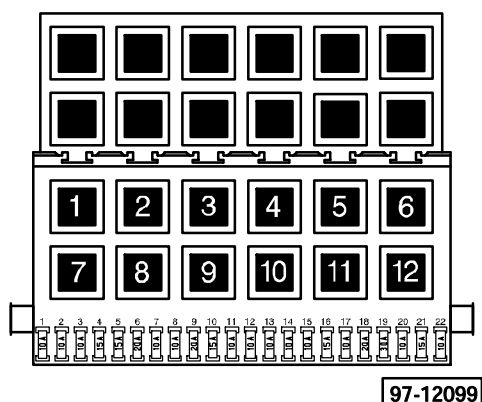
T68 – 68-Pin Connector
TV4 – Terminal 15 Wire Connector, above fuse/relay panel
TV8 – Terminal 58b Wire Connector, above fuse/relay panel
(150) – Ground connection, in automatic transmission wiring harness
(A11) – Plus connection (58b) in instrument panel wiring harness
(U5) – Wire connection –2– (15), in automatic transmission wiring harness

Anti lock brake system ABS with electronic differential lock E ,

from August 1995

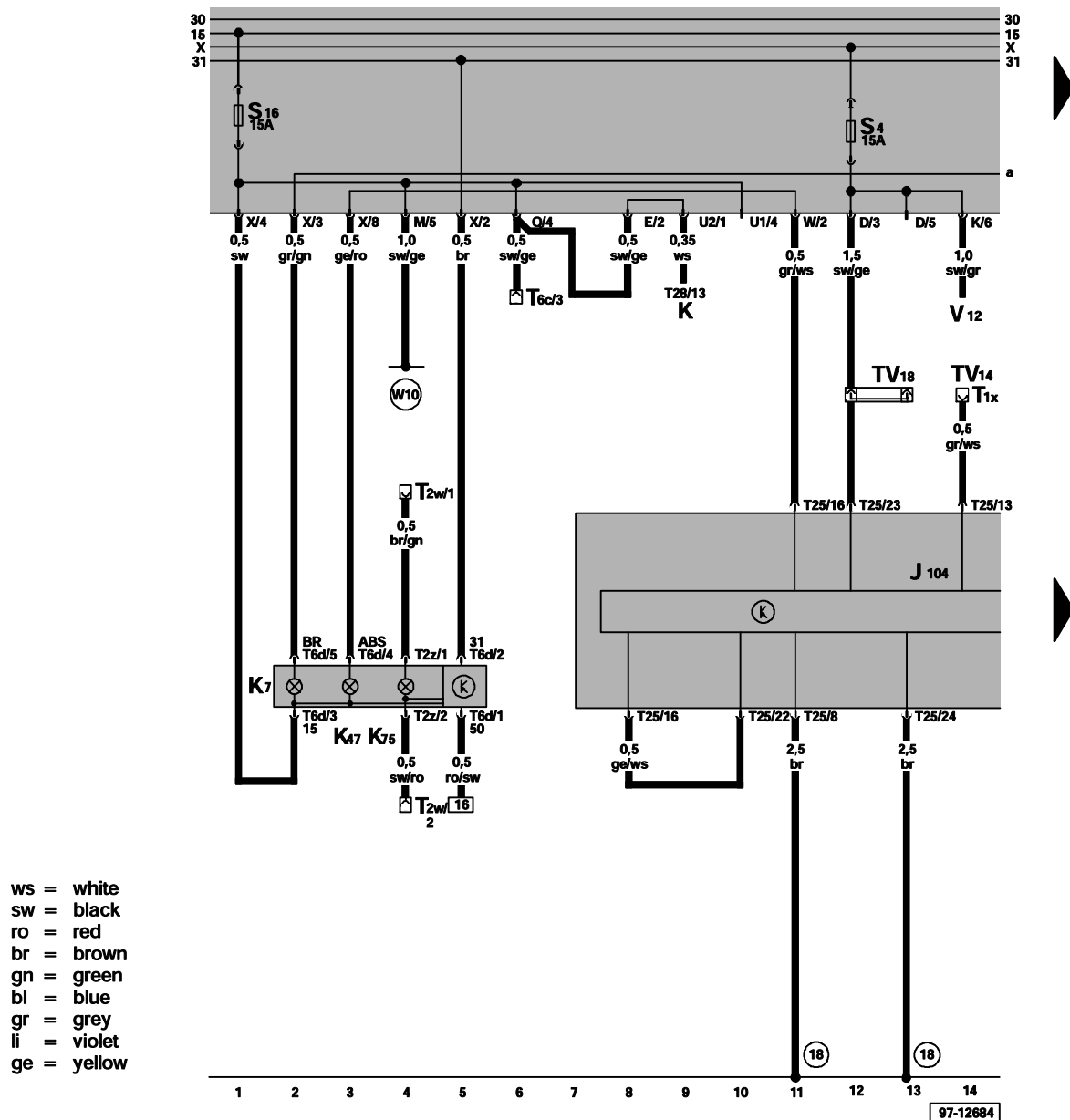
Relay location

For relay location and multiple connectors see also section "component locations".



Fuse colors

30A – green
25A – white
20A – yellow
15A – blue
10A – red



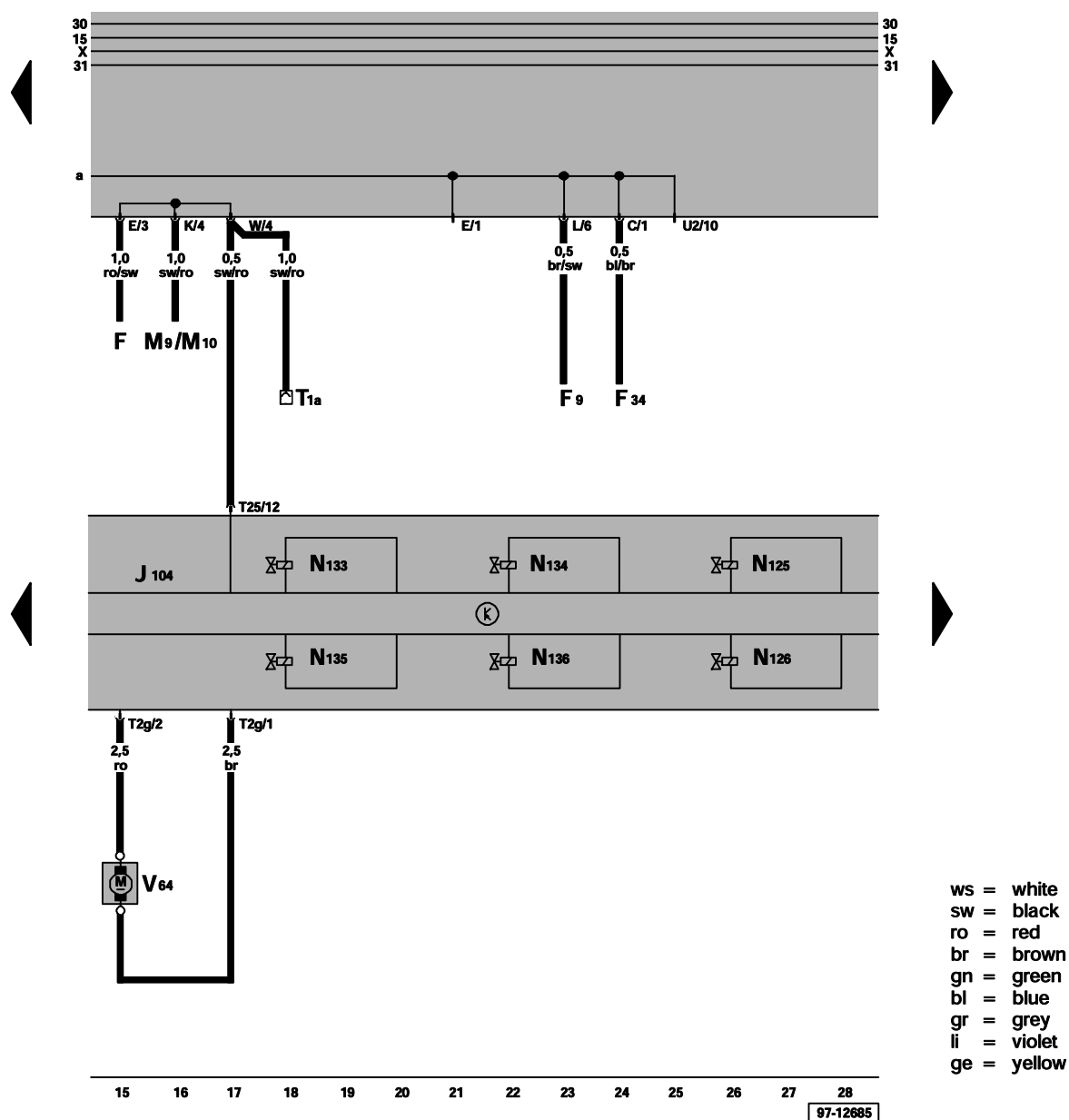
J104 – ABS Control Module (w/EDL), in engine compartment, left
 K – Instrument Cluster
 K7 – Brake and Parking Brake Warning Light (01047)
 K47 – ABS Warning Light
 K75 – Airbag Warning Light
 T1x – Single Connector
 T2w – Double Connector, behind fuse/relay panel
 T2z – Double Connector
 T6c – 6-Pin Connector, behind fuse/relay panel
 T6d – 6-Pin Connector
 T25 – 25-Pin Connector
 T28 – 28-Pin Connector, on instrument cluster
 TV14 – Data Link Connector (DLC) Wire Connector, behind console

TV18 – Distributor for Terminal Xa, above fuse/relay panel

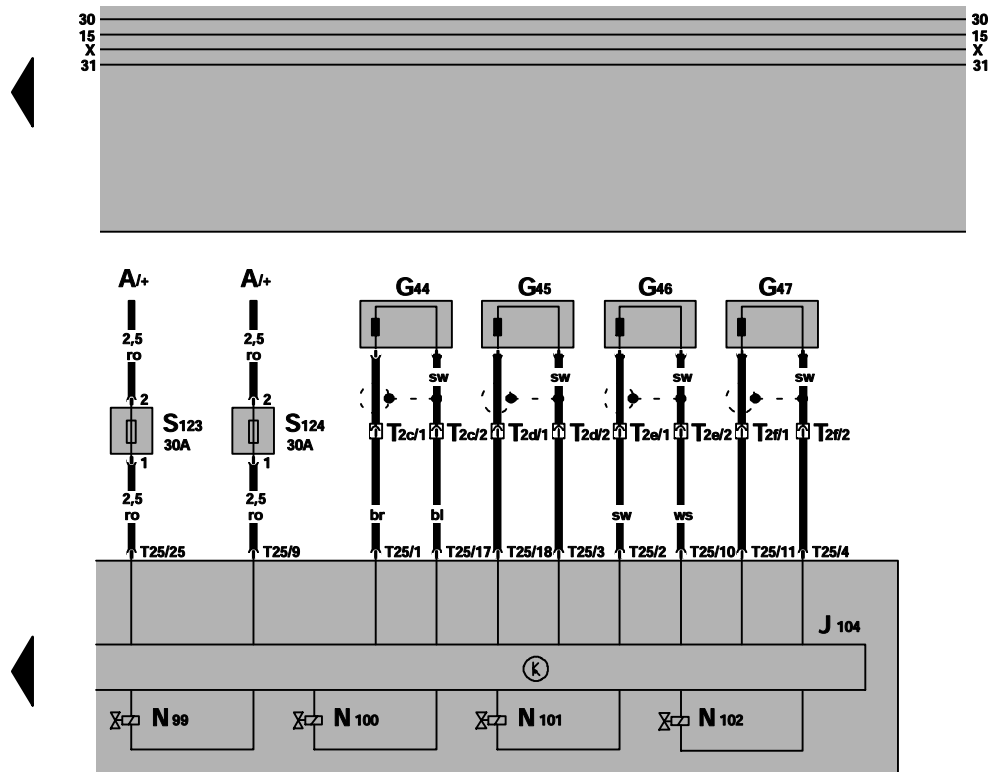
V12 – Rear Window Wiper Motor

(18) – Ground connection, on engine block

(W10) – Plus connection (15), in rear wiring harness



- F – Brake Light Switch
- F9 – Parking Brake Warning Light Switch
-  F34 – Brake Fluid Level Warning Switch
- J104 – ABS Control Module (w/EDL), in engine compartment, left
- M9 – Left Brake Light
- M10 – Right Brake Light
-  N125 – Differential Lock Valve 1 (00279)
-  N126 – Differential Lock Valve 2 (00280)
-  N133 – Right Rear ABS Inlet Valve (00273)
-  N134 – Left Rear ABS Inlet Valve (00274)
-  N135 – Right Rear ABS Outlet Valve (00275–1213)
-  N136 – Left Rear ABS Outlet Valve (00276–1214)
- T1a – Single Connector, above fuse/relay panel, cruise control connection
- T2g – Double Connector, on control module
- T25 – 25-Pin Connector
- V64 – ABS Hydraulic Pump (01276)



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

29 30 31 32 33 34 35 36 37 38 39 40 41 42
 97-12686

- A – Battery
- G44 – Right Rear ABS Wheel Speed Sensor (00287)
- G45 – Right Front ABS Wheel Speed Sensor (00285)
- G46 – Left Rear ABS Wheel Speed Sensor (00290)
- G47 – Left Front ABS Wheel Speed Sensor (00283)
- J104 – ABS Control Module (w/EDL), in engine compartment left
- N99 – Right Front ABS Inlet Valve (00259)
- N100 – Right Front ABS Outlet Valve (00267)
- N101 – Left Front ABS Inlet Valve (00257)
- N102 – Left Front ABS Outlet Valve (00265)

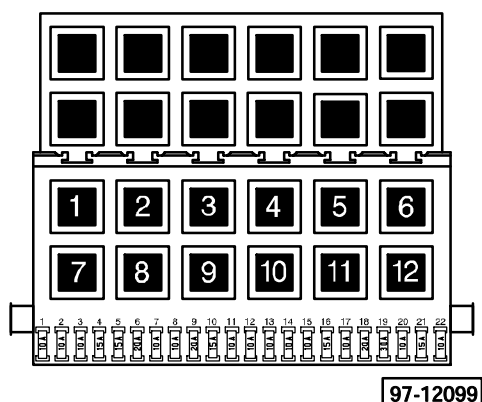
- S123 – Fuse 1 for Control Module – ABS, above fuse/relay panel
- S124 – Fuse 2 for Control Module – ABS, above fuse/relay panel
- T2c – Double Connector, below rear seat bench
- T2d – Double Connector, behind suspension strut, right
- T2e – Double Connector, below rear seat bench
- T2f – Double Connector, behind suspension strut, left
- T25 – 25-Pin Connector

Passat Standard Equipment,

from August 1995

Relay location

For relay location and multiple connectors see also section "component locations".

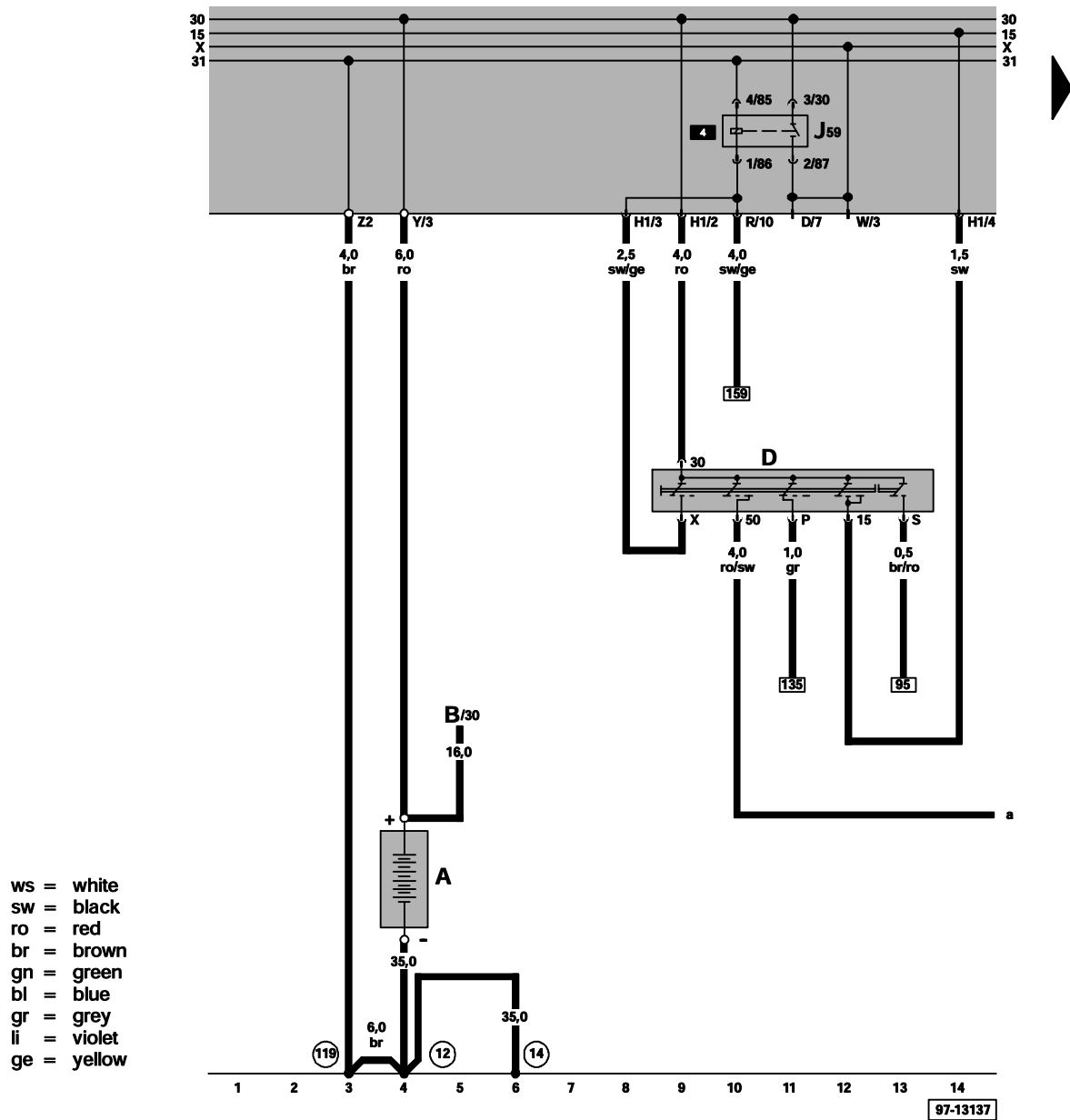


- 2** – Rear Window Wiper/Washer Relay (72)
- 4** – Load Reduction Relay (18)
- 6** – Emergency Flasher Relay (21)
- 8** – Washer/Wiper Intermittent Relay (19, 99)
- 9** – Warning Buzzer for Parking Light and Radio (36)
- 10** – Fog Light Relay (53)
- 11** – Dual Horn Relay (53)
- Seat Belt Warning System Relay (4)

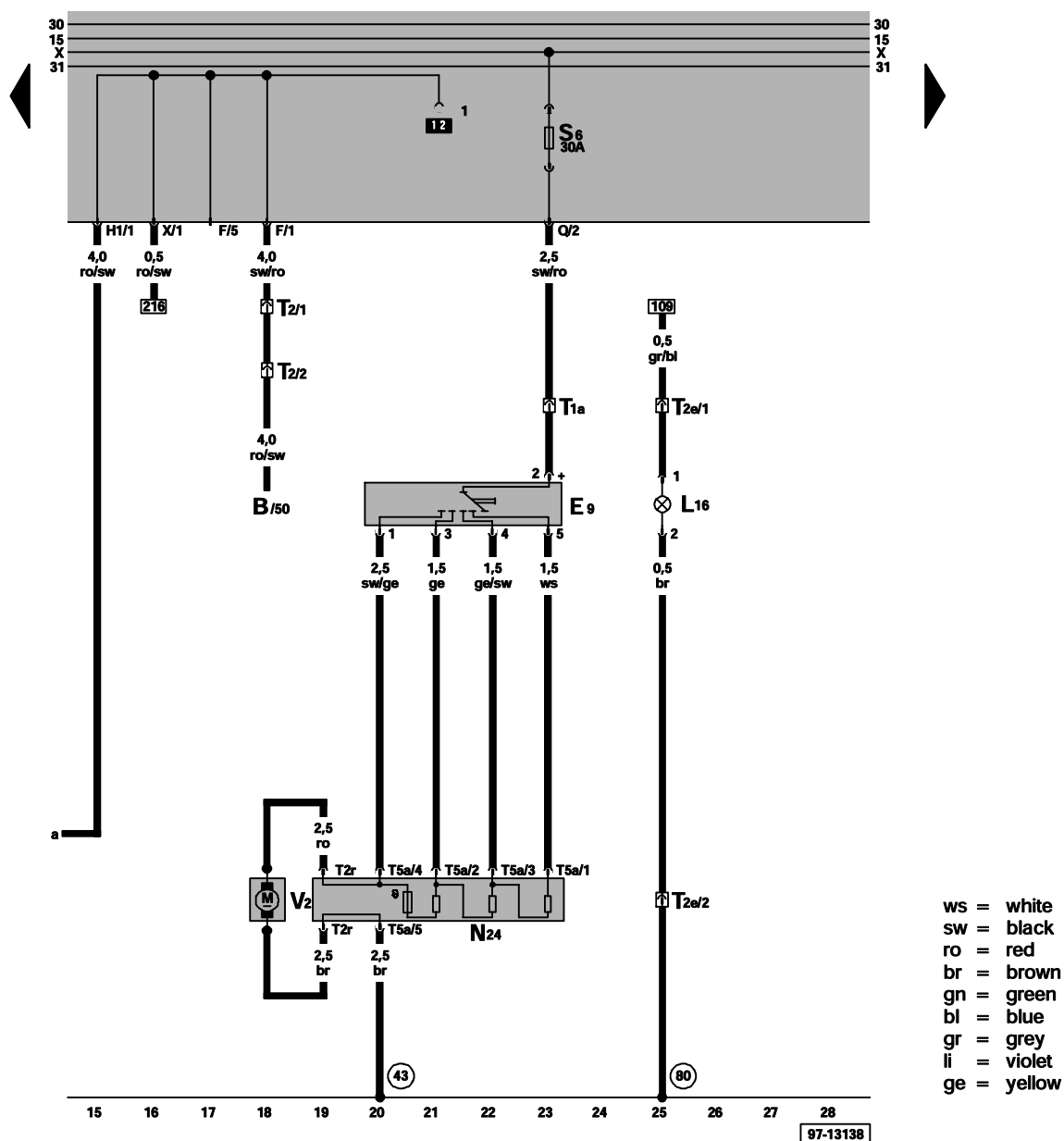
Note: Number in parentheses indicates production control number stamped on relay housing.

Fuse colors

- 30A – green
- 25A – white
- 20A – yellow
- 15A – blue
- 10A – red

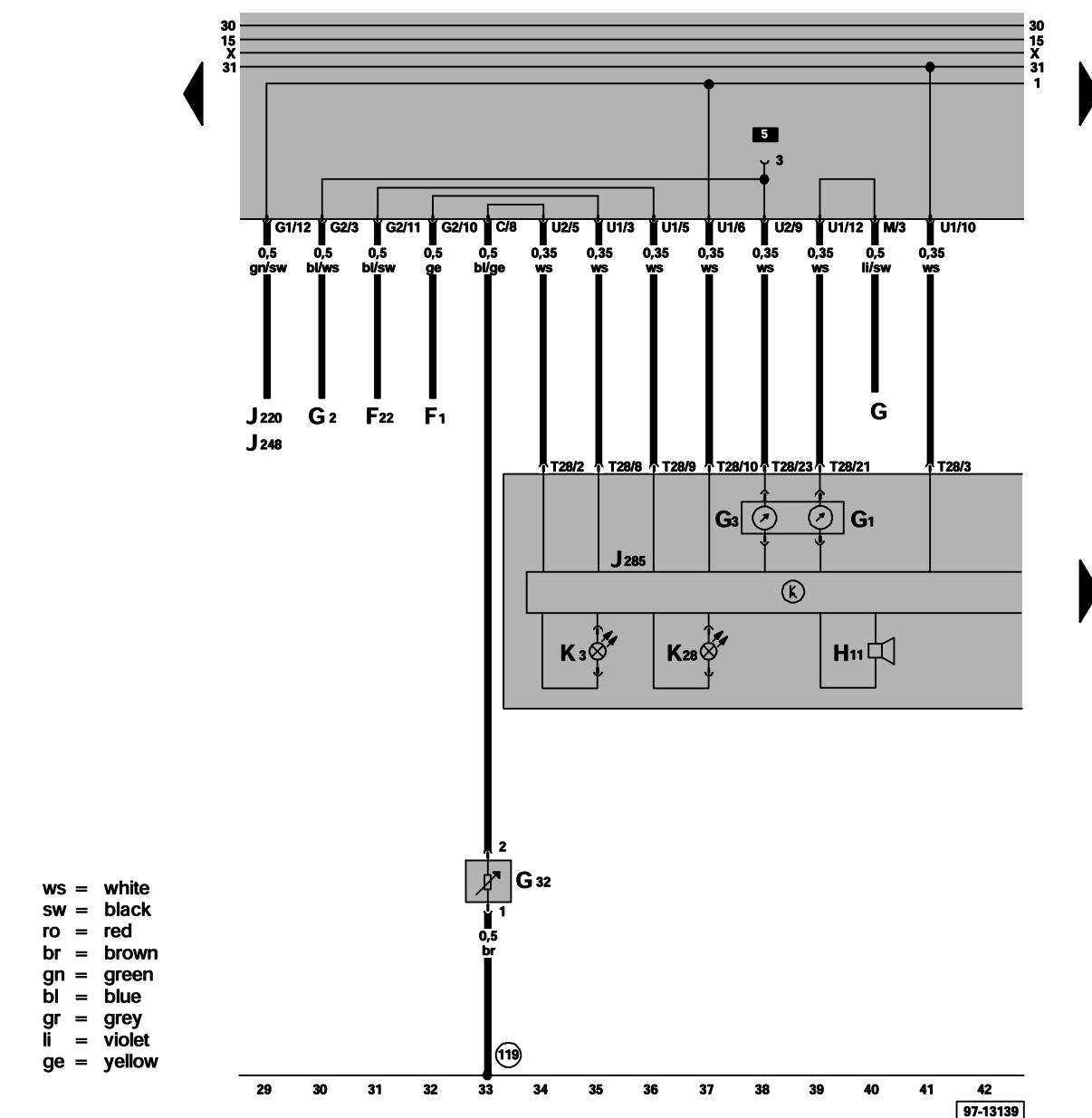


- A – Battery
 B – Starter
 D – Ignition/Starter Switch
 J59 – Load Reduction Relay
- (12) – Ground connection, in engine compartment, left, near battery
 (14) – Ground connection, on transmission
 (119) – Ground connection -1-, in headlight wiring harness



- B – Starter
E9 – Fresh Air Blower Switch
L16 – Fresh Air Control Lever Light
N24 – Fresh Air Blower Series Resistance With Fuse
T1a – Single Connector, behind instrument panel, center
T2 – Double Connector, behind fuse/relay panel
T2e – Double Connector, behind instrument panel, center
T2r – Double Connector
T5a – 5-Pin Connector
V2 – Fresh Air Blower

- (43) – Ground connection, on right A-pillar, lower part
(80) – Ground connection -1-, in instrument panel wiring harness

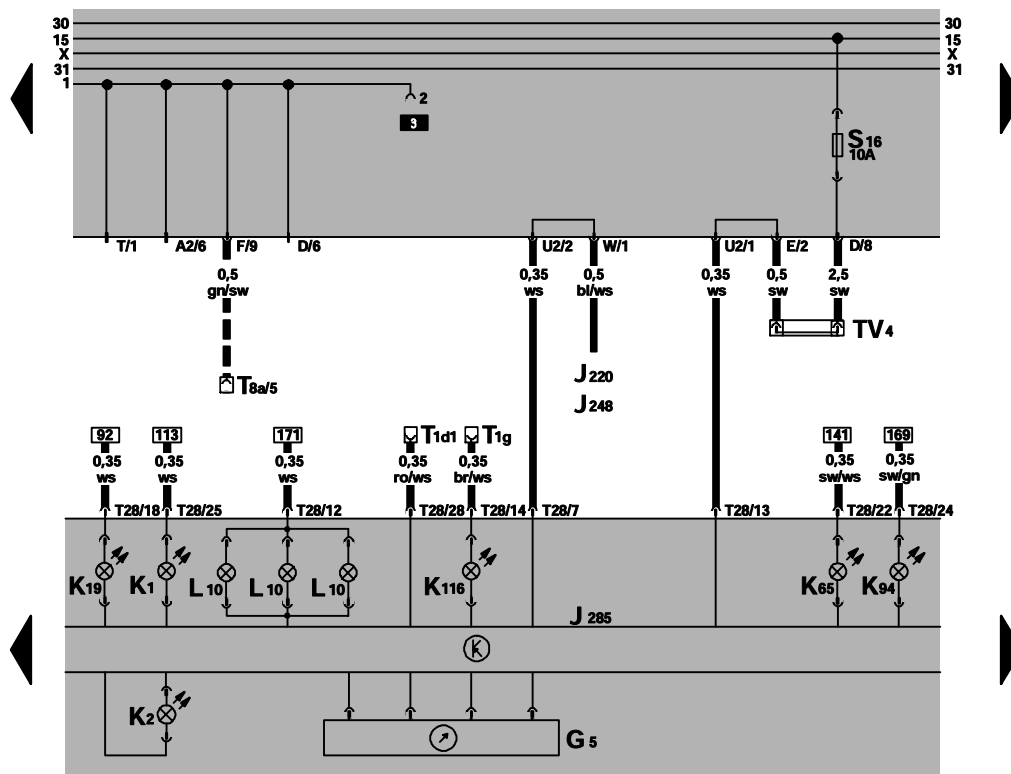


- F1 – Oil Pressure Switch *
- F22 – 0.3 Bar Oil Pressure Switch
- G – Fuel Level Sensor
- G1 – Fuel Gauge
- G2 – Engine Coolant Temperature (ECT) Sensor
- G3 – Engine Coolant Temperature (ECT) Gauge
- G32 – Engine Coolant Level (ECL) Sensor
- H11 – Oil Pressure Warning Buzzer
- J220 – Motronic Engine Control Module (ECM)
- J248 – Diesel Direct Fuel Injection (DFI) Engine Control Module (ECM)
- J285 – Control Module With Display Unit In Instrument Cluster
- K3 – Oil Pressure Warning Light
- K28 – Engine Coolant Level/Temperature (ECL/ECT) Warning Light

T28 – 28-Pin Connector, on instrument cluster

(119) – Ground connection -1-, in headlight wiring harness

* – Switch levels see Repair Manual Passat 1994 " Engine



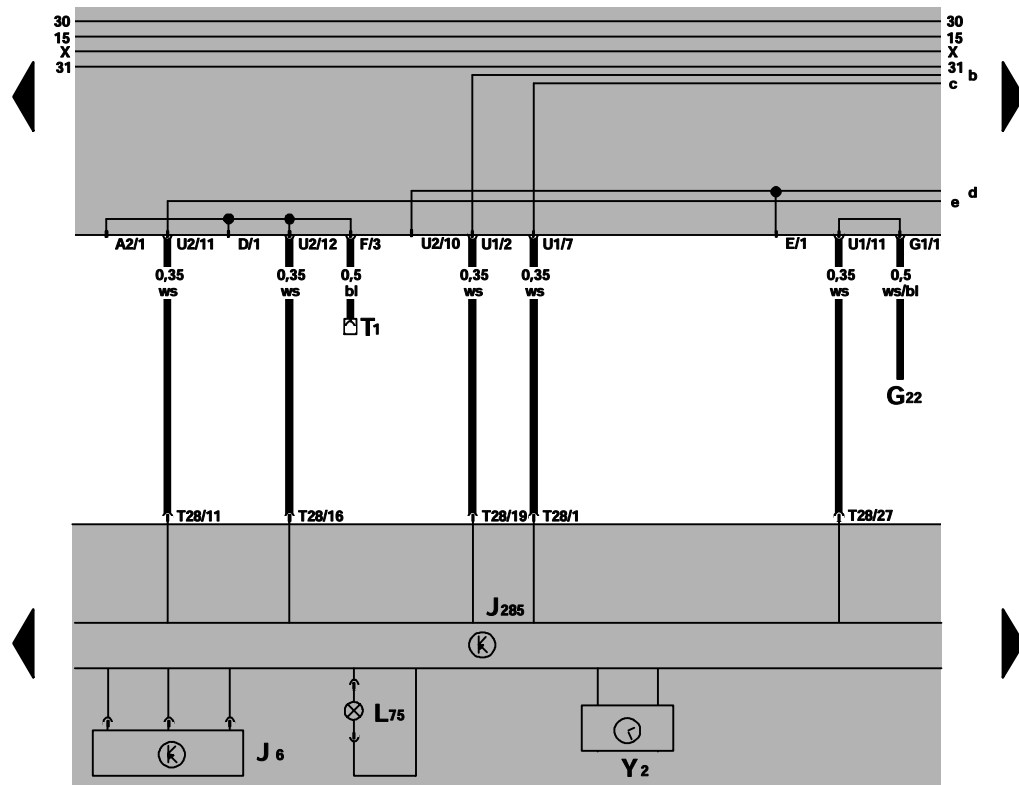
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = violet
 ge = yellow

43 44 45 46 47 48 49 50 51 52 53 54 55 56
 97-13140

- G5 – Tachometer
 J220 – Motronic Engine Control Module (ECM)
 J248 – Diesel Direct Fuel Injection (DFI) Engine Control Module (ECM)
 J285 – Control Module With Display Unit In Instrument Cluster
 K1 – Headlight High Beam Indicator Light
 K2 – Generator (GEN) Warning Light
 K19 – Seat Belt Warning Light
 K65 – Left Turn Signal Indicator Light
 K94 – Right Turn Signal Indicator Light
 K116 – Warning Light For Rear Lid Unlocked, sedan only
 L10 – Instrument Cluster Light
 T1d1 – Single Connector, behind fuse/relay panel
 T1g – Single Connector, behind fuse/relay panel

- T8a – 8-Pin Connector, behind fuse/relay panel
 T28 – 28-Pin Connector, on instrument cluster
 TV4 – Terminal 15 Wire Connector, above fuse/relay panel

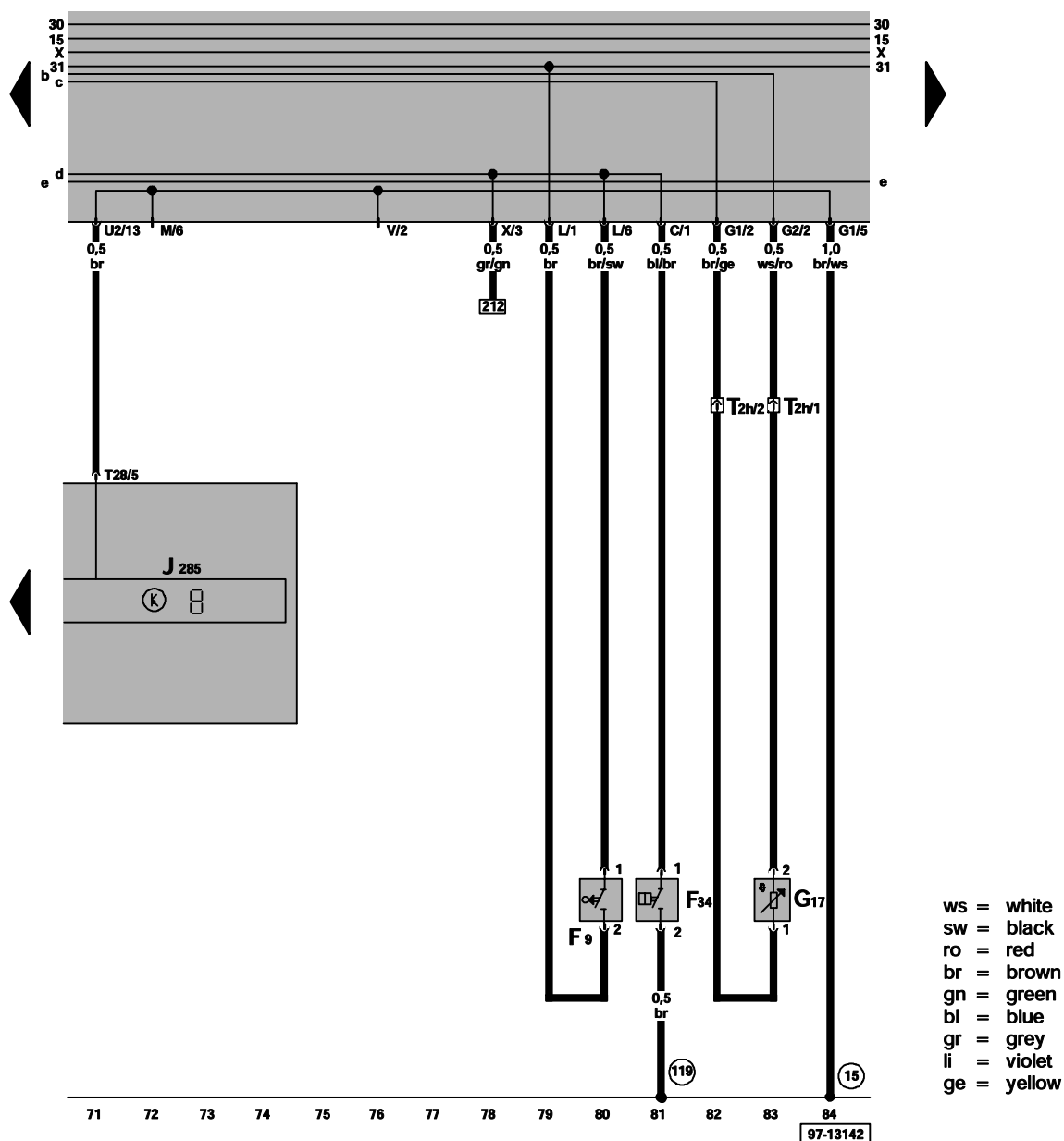
— — Automatic transmission only



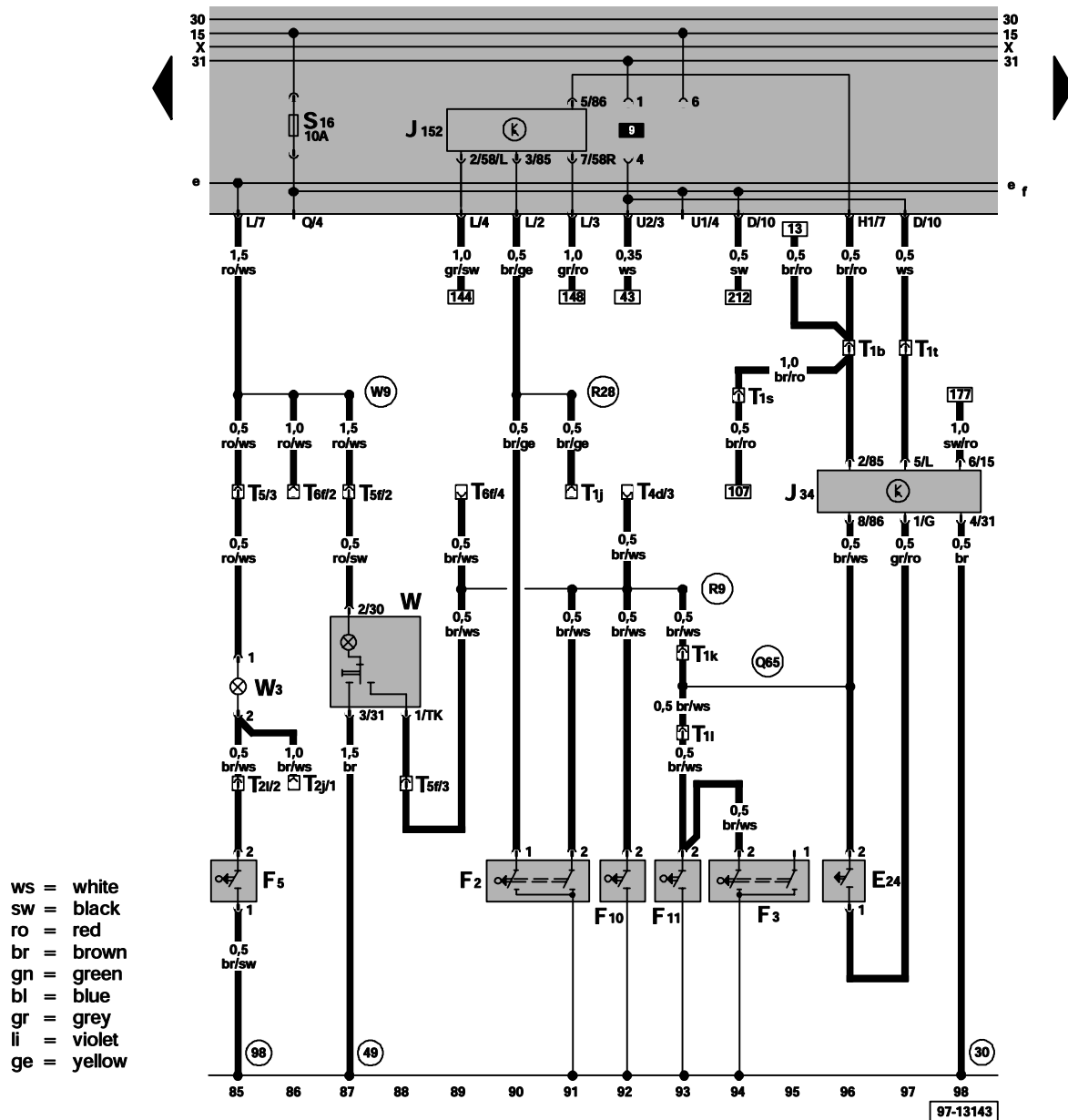
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = violet
 ge = yellow

57 58 59 60 61 62 63 64 65 66 67 68 69 70
 97-13141

-  G22 – Speedometer Vehicle Speed Sensor (VSS)
 (hall generator, on transmission)
- J6 – Voltage Stabilizer
- J285 – Control Module With Display Unit In
 Instrument Cluster
- L75 – Digital Display Light
- T1 – Single Connector, near starter
- T28 – 28-Pin Connector, on instrument
 cluster
- Y2 – Digital clock

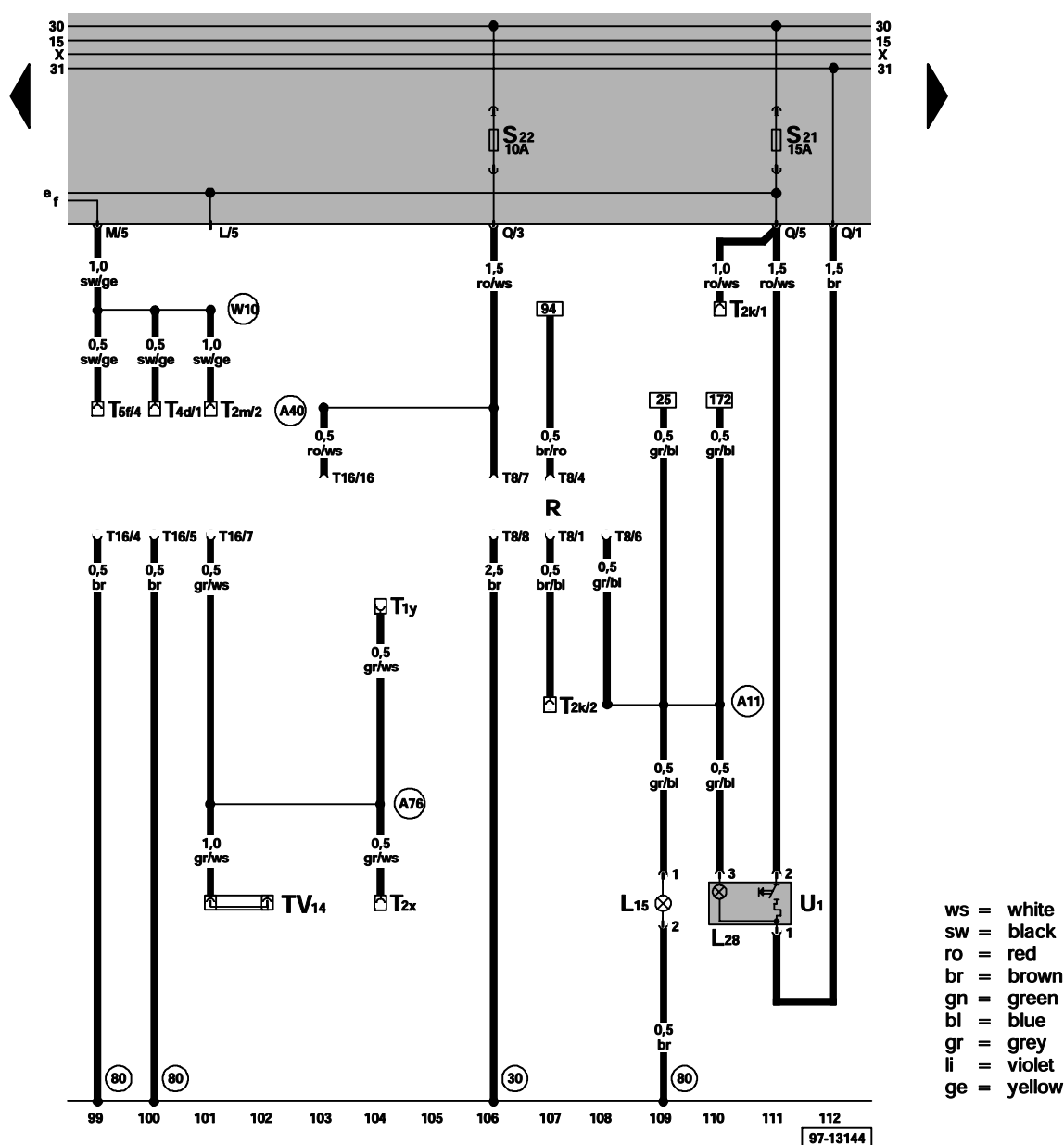


- F9 – Parking Brake Warning Light Switch
- F34 – Brake Fluid Level Warning Switch
- G17 – Outside Air Temperature Sensor
- J285 – Control Module With Display Unit In Instrument Cluster
- T2h – Double Connector, in engine compartment, right front
- T28 – 28-Pin Connector, on instrument cluster
- (15) – Ground connection, on cylinder head
- (119) – Ground connection -1-, in headlight wiring harness



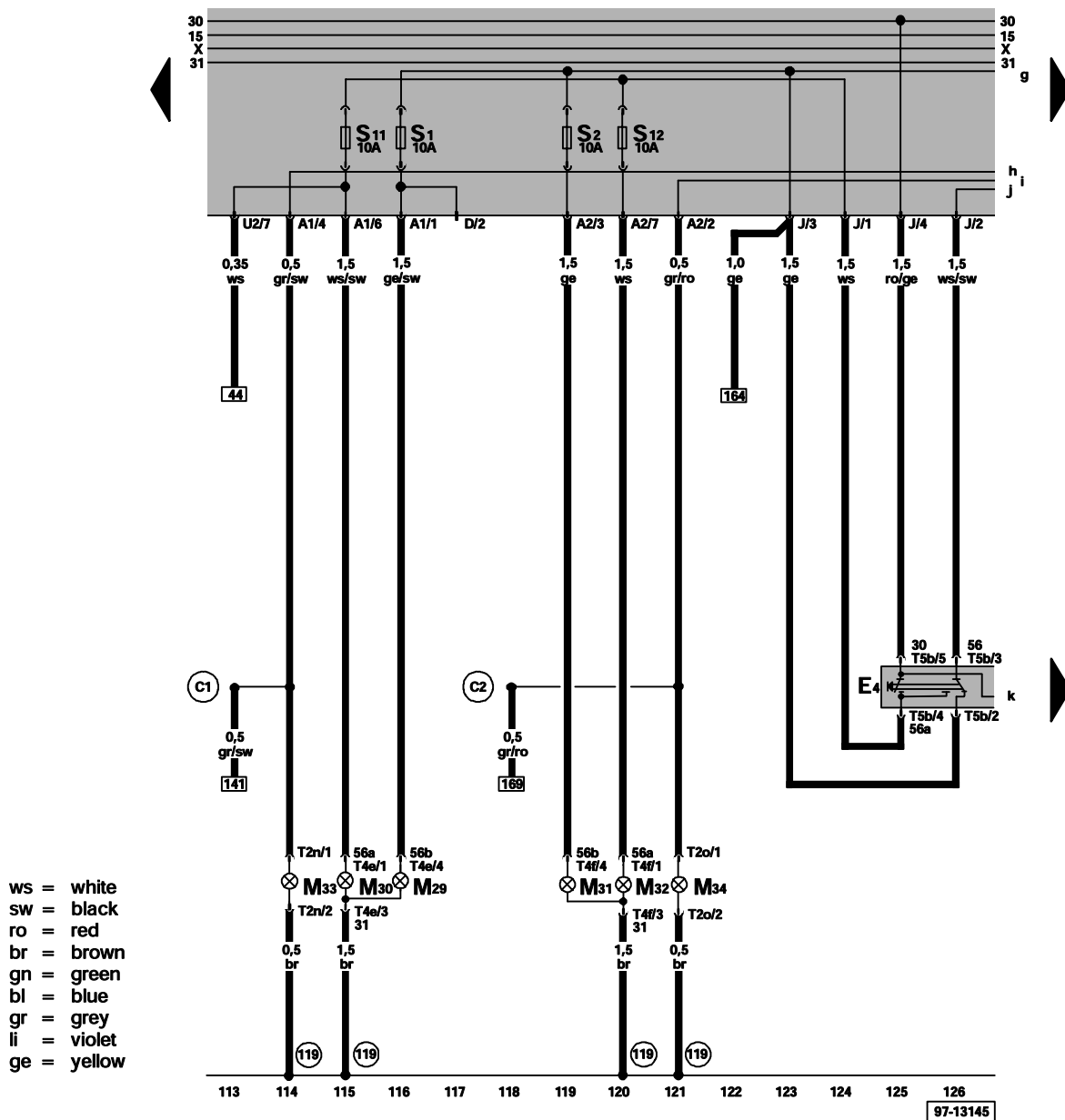
- E24 – Left Seat Belt Switch
- F2 – Left Front Door Contact Switch
- F3 – Right Front Door Contact Switch
- F5 – Luggage Compartment Light Switch
- F10 – Left Rear Door Contact Switch
- F11 – Right Rear Door Contact Switch
- J34 – Seat Belt Warning System Relay
- J152 – Radio/Parking Light Warning Buzzer
- T1b – Single Connector, behind fuse/relay panel
- T1j – Single Connector
- T1k – Single Connector, in luggage compartment
- T1l – Single Connector, behind fuse/relay panel
- T1s – Single Connector
- T1t – Single Connector, behind fuse/relay panel
- T2j – Double Connector, behind fuse/relay panel
- T2l – Double Connector
- T4d – 4-Pin Connector, below rear seat bench
- T5 – 5-Pin Connector, in luggage compartment, left

- T5f – 5-Pin Connector, on left A-pillar, near relay panel
- T6f – 6-Pin Connector, behind fuse/relay panel
- W – Front Interior Light
- W3 – Luggage Compartment Light
- 30 – Ground connection, -1-, beside fuse/relay panel
- 49 – Ground connection, near interior light
- 98 – Ground connection, in rear lid wiring harness
- Q65 – Wire connection, in seat belt warning system wiring harness
- R9 – Wire connection (door contact switch), in rear door wiring harness
- R28 – Wire connection -2- (door contact switch), in rear wiring harness
- W9 – Plus connection (30), in rear wiring harness



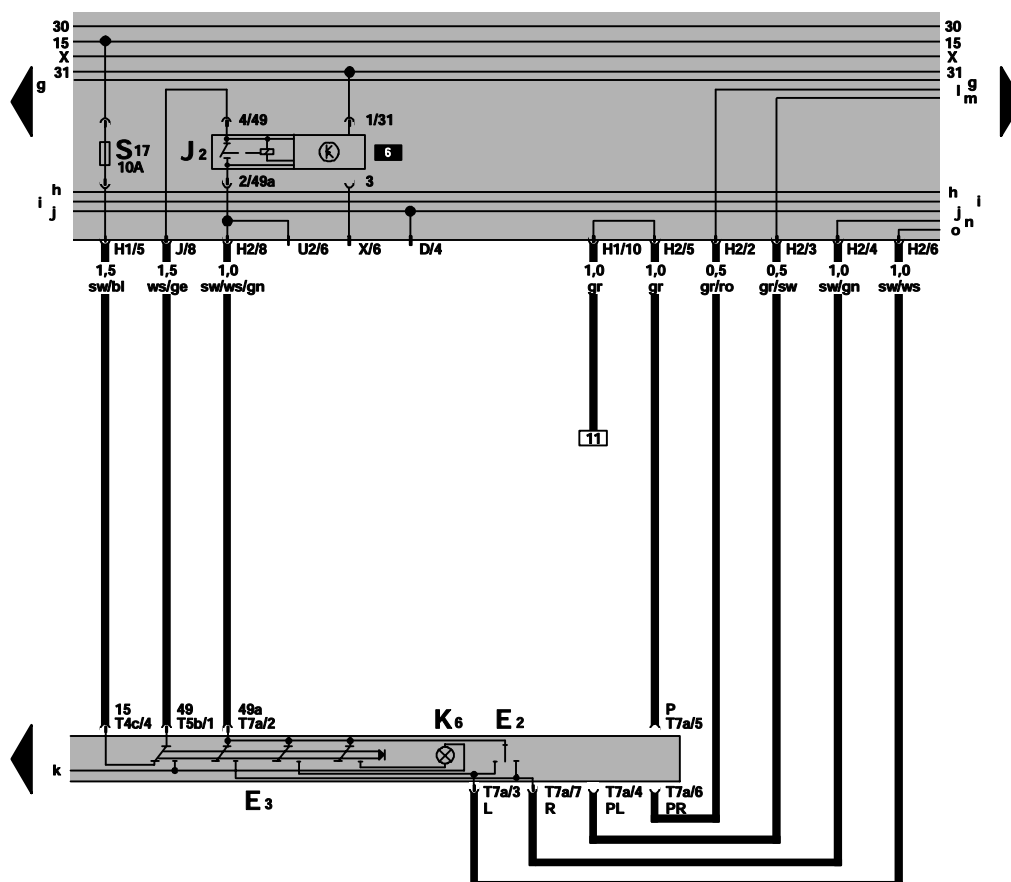
- L15 – Ashtray Light
- L28 – Cigarette Lighter Light
- R – Radio
- T1y – Single Connector, behind fuse/relay panel
- T2k – Double Connector, behind fuse/relay panel
- T2m – Double Connector, behind fuse/relay panel
- T2x – Double Connector, behind fuse/relay panel,
On Board Diagnostic (OBD) connection, engine
- T4d – 4-Pin Connector, below rear seat bench
- T5f – 5-Pin Connector, on left A-pillar, near
fuse/relay panel
- T8 – 8-Pin Connector, on radio
- TV14 – Data Link Connector (DLC) Wire Connector,
above fuse/relay panel
- T16 – 16-Pin Connector, On Board Diagnostic
(OBD), beside Ignition/Starter Switch
- U1 – Cigarette Lighter

- (30)** – Ground connection, -1-, beside fuse/relay panel
- (80)** – Ground connection -1-, in instrument panel wiring harness
- (A11)** – Plus connection (58b) in instrument panel wiring harness
- (A40)** – Plus connection (30), in instrument panel wiring harness
- (A76)** – Connector (K-diagnosis wire), in instrument panel wiring harness
- (W10)** – Plus connection (15), in rear wiring harness



- E4 – Headlight Dimmer/Flasher Switch
M29 – Left Low Beam Headlight
M30 – Left High Beam Headlight
M31 – Right Low Beam Headlight
M32 – Right High Beam Headlight
M33 – Left Front Side Marker Light
M34 – Right Front Side Marker Light
T2n – Double Connector
T2o – Double Connector
T4e – 4-Pin Connector
T4f – 4-Pin Connector
T5b – 5-Pin Connector, behind steering column switch cover

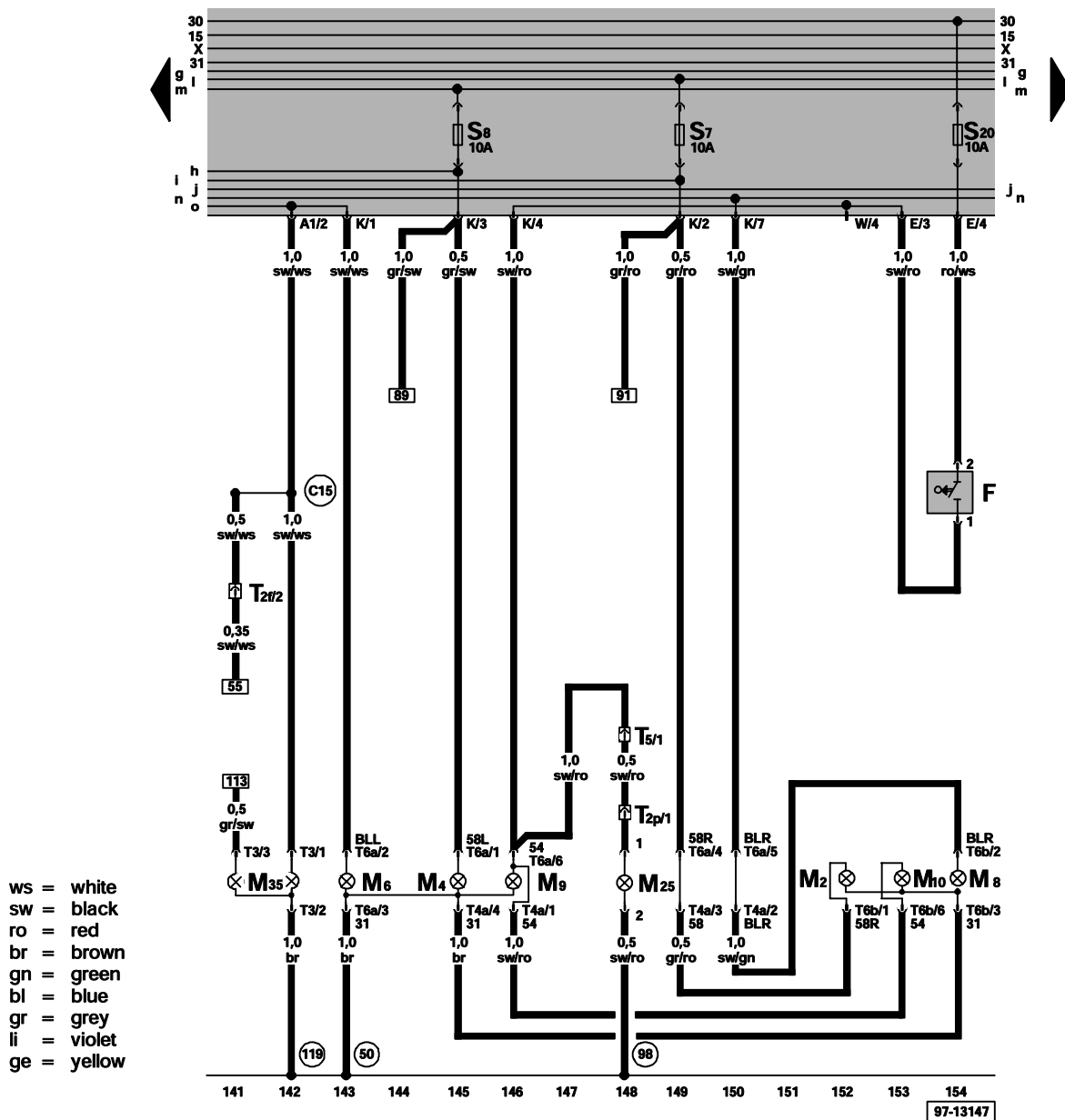
- (119) – Ground connection -1-, in headlight wiring harness



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

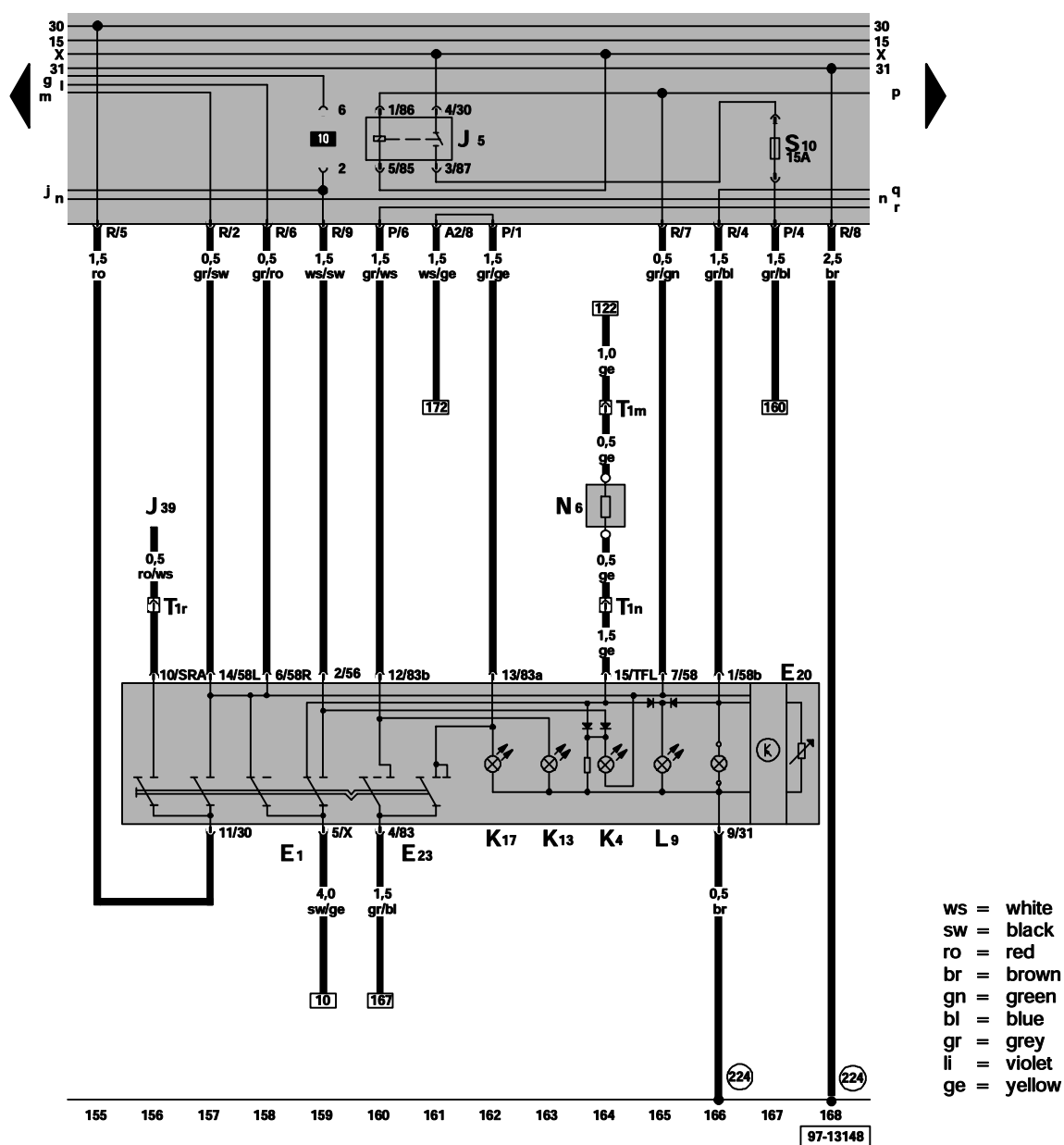
127 128 129 130 131 132 133 134 135 136 137 138 139 140
 97-13146

- E2 - Turn Signal Switch
- E3 - Emergency Flasher Switch
- J2 - Emergency Flasher Relay
- K6 - Emergency Flasher Warning Light
- T4c - 4-Pin Connector, behind steering column switch cover
- T5b - 5-Pin Connector, behind steering column switch cover
- T7a - 7-Pin Connector, behind steering column switch cover

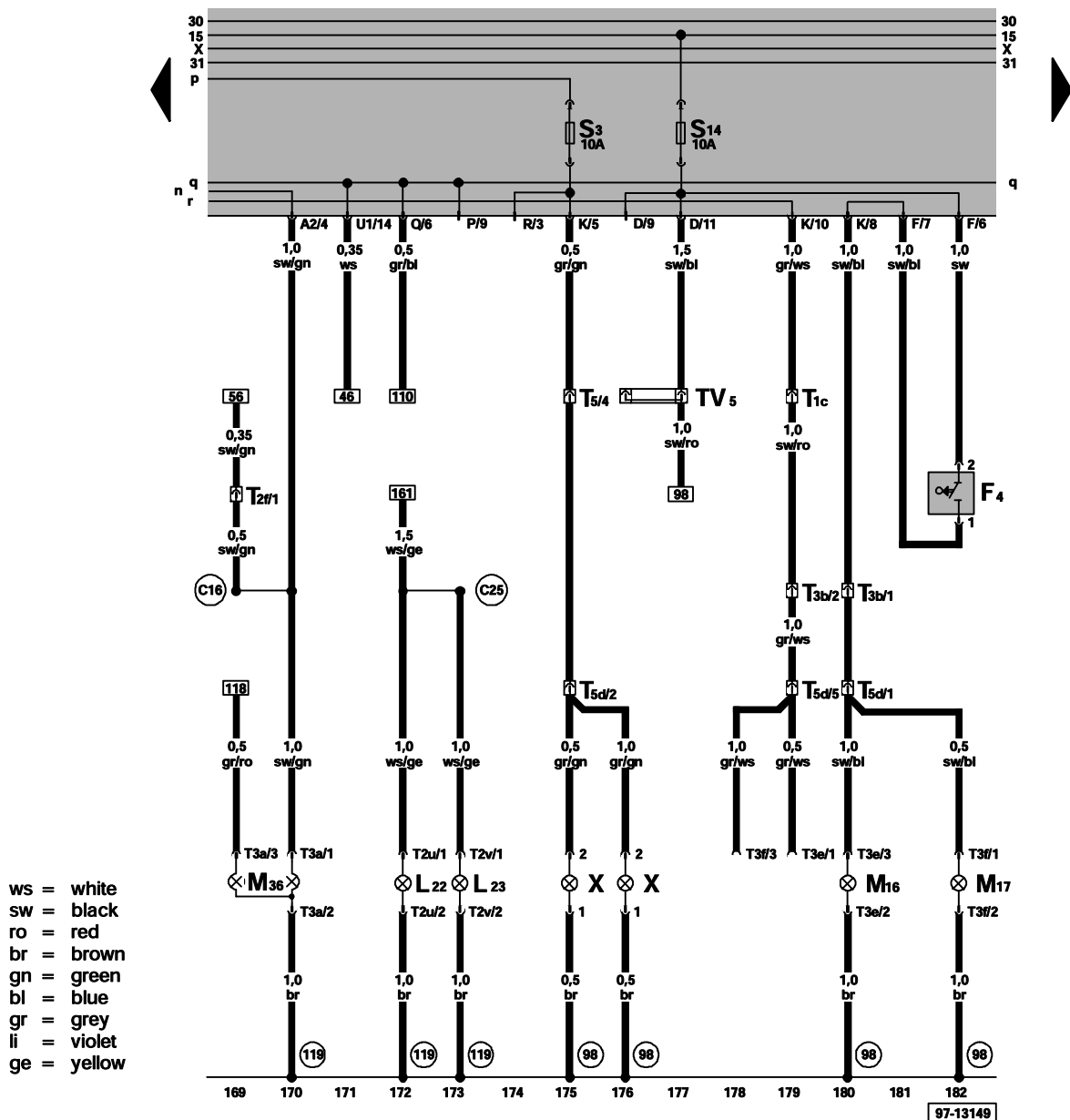


- F – Brake Light Switch
M2 – Right Tail Light
M4 – Left Tail Light
M6 – Left Rear Turn Signal Light
M8 – Right Rear Turn Signal Light
M9 – Left Brake Light
M10 – Right Brake Light
M25 – High-Mount Brake Light
M35 – Light for Turn Signal and Side Marker, Front Left
T2p – Double Connector, in rear lid
T2f – Double Connector, behind fuse/relay panel
T3 – 3-Pin Connector
T4a – 4-Pin Connector, on tail light, left
T5 – 5-Pin Connector, in luggage compartment, left

- T6a – 6-Pin Connector, on tail light, left
T6b – 6-Pin Connector, on tail light, right
(50) – Ground connection, in luggage compartment, left
(98) – Ground connection, in rear lid wiring harness
(119) – Ground connection -1-, in headlight wiring harness
(C15) – Wire connection -1-, in headlight wiring harness

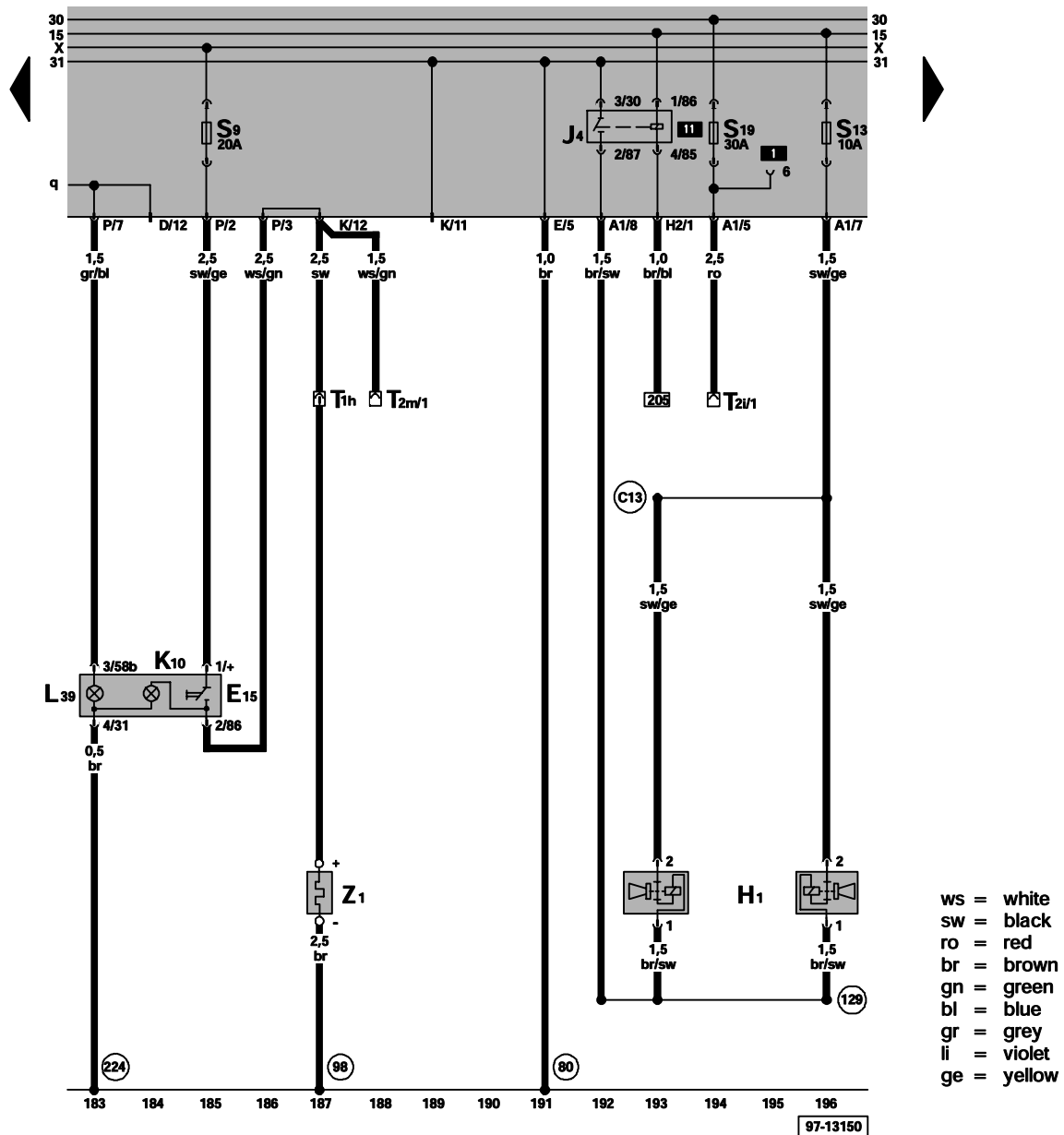


- E1 – Light Switch
- E20 – Instrument Panel Light Dimmer Switch
- E23 – Fog Light Switch
- J5 – Fog Light Relay
- J39 – Headlight Washer System Relay
- K4 – Park Light Indicator Light
- K13 – Rear Fog Light Indicator Light
- K17 – Fog Light Indicator Light
- L9 – Headlight Switch Light
- N6 – Series Resistance
- T1m – Single Connector, behind fuse/relay panel
- T1n – Single Connector, behind fuse/relay panel
- T1r – Single Connector, behind fuse/relay panel
- (224) – Ground connection, in light switch wiring harness



- F4 – Back-Up Light Switch
L22 – Left Front Fog Light
L23 – Right Front Fog Light
M16 – Left Back-Up Light
M17 – Right Back-Up Light
M36 – Light for Turn Signal and Side Marker, Front Right
T1c – Single Connector, in luggage compartment, left
T2f – Double Connector, behind fuse/relay panel
T2u – Double Connector
T2v – Double Connector
T3a – 3-Pin Connector
T3b – 3-Pin Connector, in luggage compartment, left
T3e – 3-Pin Connector
T3f – 3-Pin Connector

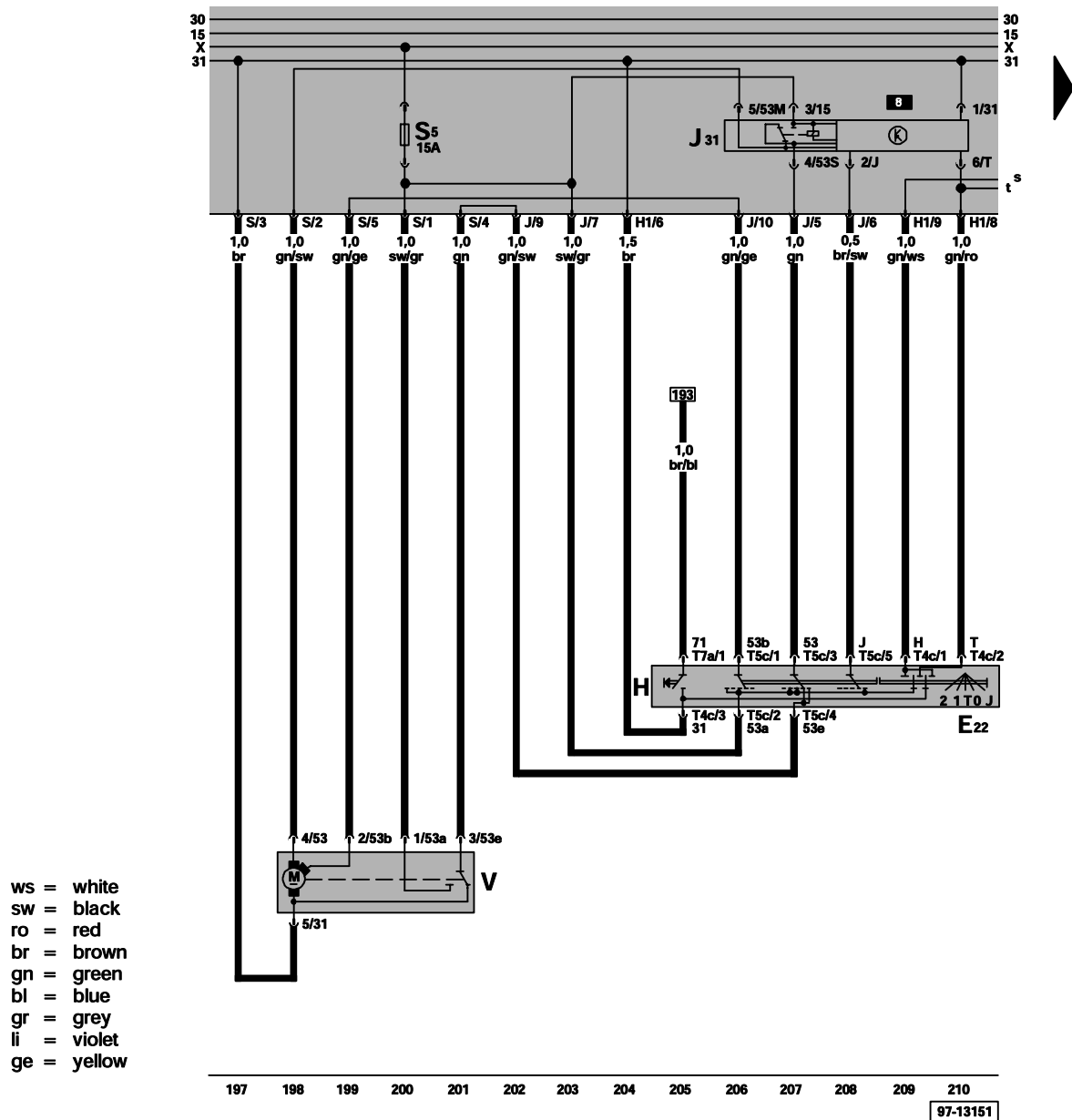
- T5 – 5-Pin Connector, in rear lid
T5d – 5-Pin Connector, in luggage compartment, left
TV5 – Terminal 15a Wire Connector, above fuse/relay panel
X – License Plate Light
(98) – Ground connection, in rear lid wiring harness
(119) – Ground connection -1-, in headlight wiring harness
(C16) – Wire connection -2-, in headlight wiring harness
(C25) – Wire connection (fog lights), in front light wiring harness

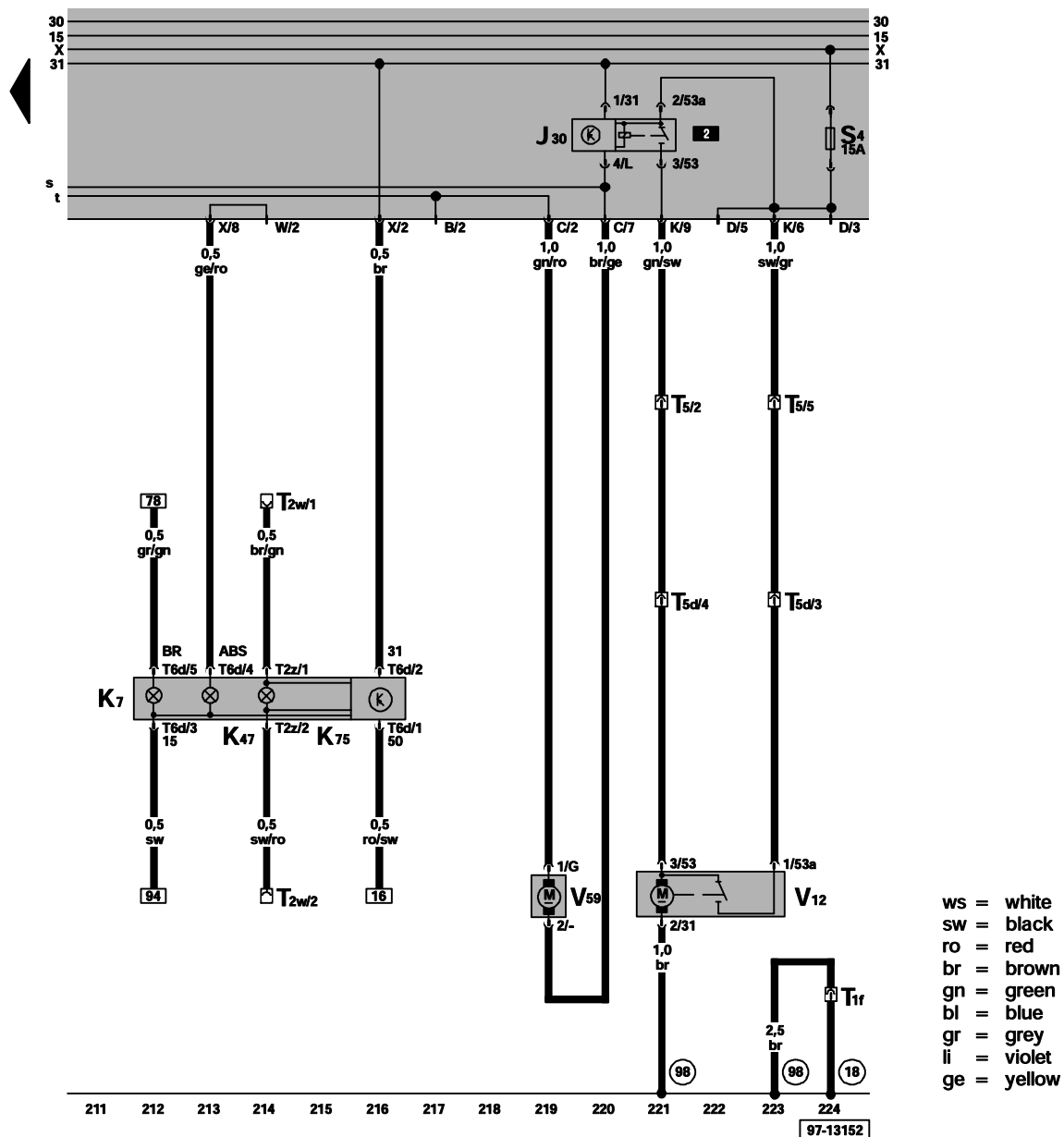


- E15 – Rear Window Defogger Switch
- H1 – Dual Horns
- J4 – Dual Horn Relay
- K10 – Rear Window Defogger Indicator Light
- L39 – Rear Window Defogger Switch Light
- T1h – Single Connector, in luggage compartment, left
- T2i – Double Connector, behind fuse/relay panel
- T2m – Double Connector, behind fuse/relay panel
- Z1 – Rear Window Defogger/Heat Element

- (129) – Ground connection, in dual-tone horn wiring harness
- (224) – Ground connection, in light switch wiring harness
- (C13) – Plus connection, in dual tone horn wiring harness

- (80) – Ground connection -1-, in instrument panel wiring harness
- (98) – Ground connection, in rear lid wiring harness





- J30 – Rear Window Wiper/Washer Relay
 K7 – Brake and Parking Brake Warning Light
 K47 – ABS Warning Light
 K75 – Airbag Warning Light
 T1f – Single Connector, in rear lid
 T2w – Double Connector, behind fuse/relay panel
 T2z – Double Connector
 T5 – 5-Pin Connector, in luggage compartment, left
 T5d – 5-Pin Connector, in rear lid
 T6d – 6-Pin Connector
 V12 – Rear Window Wiper Motor
 V59 – Windshield and Rear Window Washer Pump

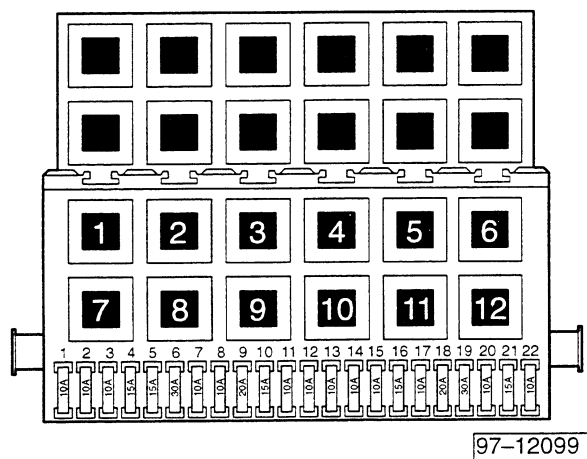
Air-Conditioning,

from December 1995

- 1,9 L-Engine–Turbo Diesel Fuel Injection (DFI) / 66 kW, code 1Z,

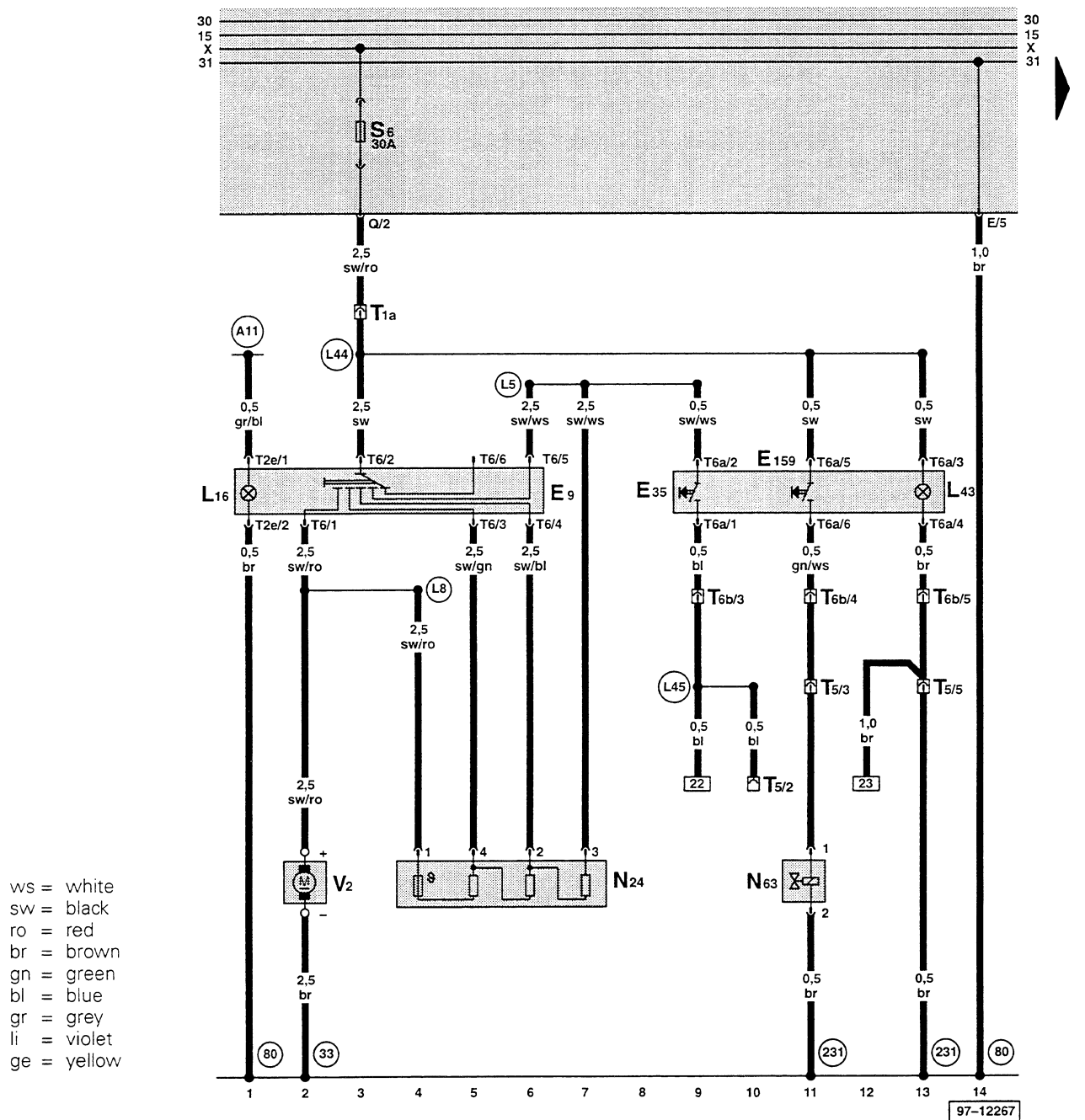
Relay location

For relay locations and multiple connectors see section "component locations"



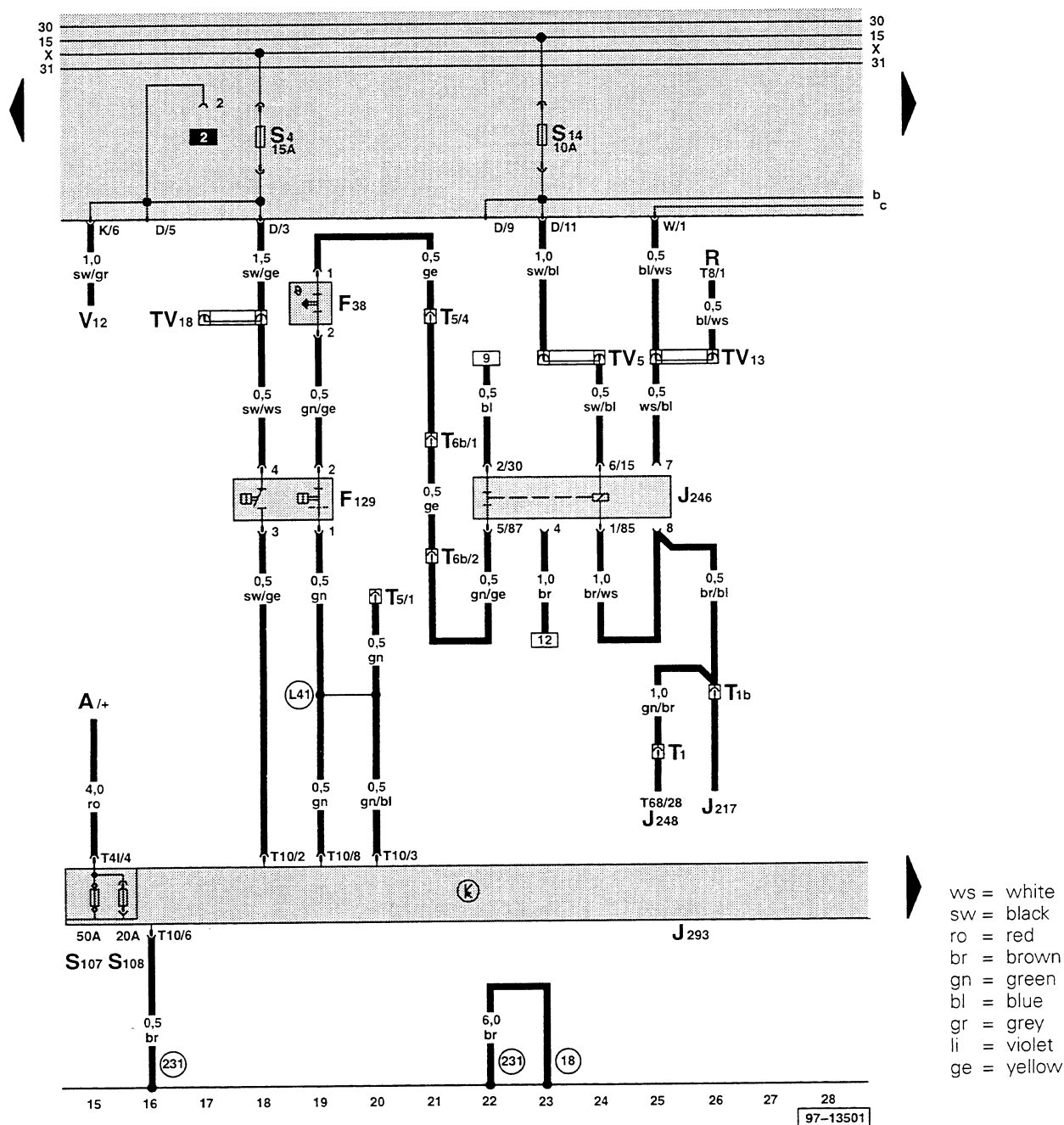
Fuse colors

- 30 A - green
- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red
- 7,5 A - brown
- 5 A - beige
- 3 A - violet



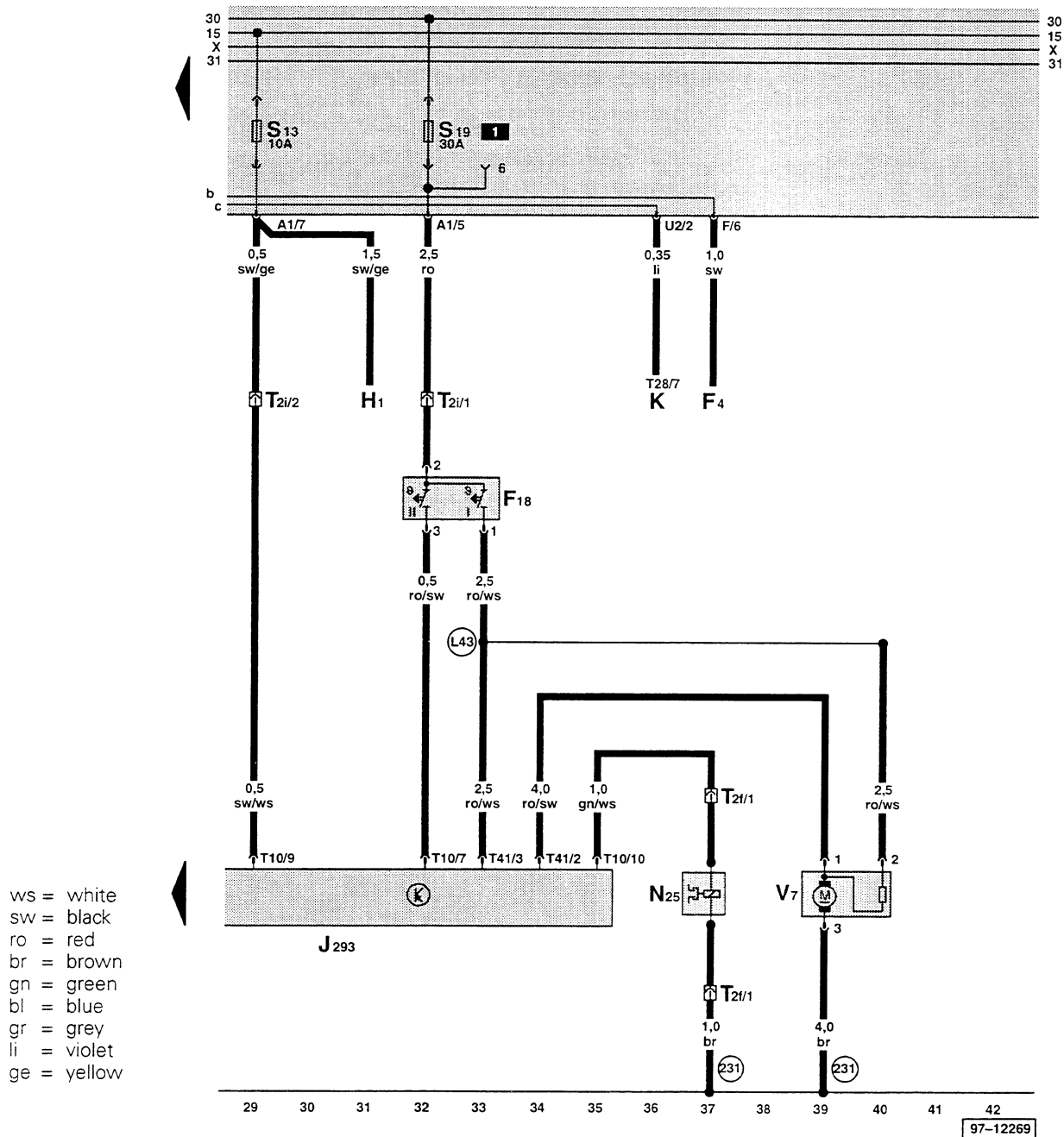
- E9 – Fresh Air Blower Switch
- E35 – A/C Switch
- E159 – Fresh Air /Recirculating Flap Switch
- L16 – Fresh Air Control Lever Light
- L43 – A/C Switch Illumination Light
- N24 – Fresh Air Blower Series Resistance with Fuse
- N63 – Fresh Air/Recirculating Flap Two-Way Valve
- T1a – Single Connector, behind the fuse/relay panel
- T2e – Double Connector
- T5 – 5-Pin Connector, behind the fuse/relay panel,
housing 2 is not connected
- T6 – 6-Pin Connector
- T6a – 6-Pin Connector
- T6b – 6-Pin Connector, behind the fuse/relay panel,
middle
- V2 – Fresh Air Blower

- 33 – Ground connection, behind instrument panel, right
- 80 – Ground connection -1-, in instrument panel wiring harness
- 231 – Ground connection, in A/C system-coolant fan wiring harness
- A11 – Plus connection (58b) in instrument panel wiring harness
- L5 – Wire Connection -1-, in evaporator housing wiring harness
- L8 – Wire Connection -4-, in evaporator housing wiring harness
- L44 – Wire Connection (X), in A/C system wiring harness
- L45 – Wire Connection , in A/C system wiring harness



- A - Battery
- F38 - Ambient Temperature Switch, in the plenum chamber, right
- F129 - A/C Pressure Switch
- J217 - Transmission Control Module (TCM)
- J246 - A/C Clutch Cut-Off Relay, behind the middle-console, production control number (135)
- J248 - Diesel Direct Fuel Injection (DFI) Engine Control Module (ECM), connector T68/28 at T1
- J293 - Coolant FC (Fan Control) Control Module, in engine compartment, left
- R - Radio
- S107 - Coolant Fan Second and Third Speed Fuse
- S108 - Coolant Fan First Speed and A/C Clutch Fuse
- T1 - Single Connector, behind the fuse/relay panel
- T1b - Single Connector, behind the fuse/relay panel
- T4l - 4-Pin Connector
- T5 - 5-Pin Connector, behind the fuse/relay panel

- T6b - 6-Pin Connector, behind the instrument panel, middle
- T10 - 10-Pin Connector
- TV5 - Terminal 15a Wire Connector, above the fuse/relay panel
- TV13 - Vehicle Speed Signal Wire Connector, above the fuse/relay panel
- TV18 - Distributor for terminal Xa, above the fuse/relay panel
- V12 - Rear Window Wiper Motor
- (18) - Ground connection, on engine block
- (231) - Ground connection, in A/C system-coolant fan wiring harness
- (L41) - Wire connection (A/C on), in A/C system-coolant fan wiring harness



- F4 – Back-Up Light Switch
- F18 – Coolant Fan Control (FC) Thermal Switch
- H1 – Dual Horns
- J293 – Coolant FC (Fan Control) Control Module, in engine compartment, left
- K – Instrument Cluster
- N25 – A/C Clutch
- T2f – Double Connector, near compressor
- T2i – Double Connector, behind the fuse/relay panel
- T4i – 4-Pin Connector
- T10 – 10-Pin Connector
- T28 – 28-Pin Connector, on instrument cluster
- V7 – Coolant Fan

- (231) – Ground connection, in A/C system-coolant fan wiring harness
- (L43) – Wire connection (coolant fan), in A/C system-coolant fan wiring harness