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Frame contained PDF file, click here to view

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VOLVO

Service Manual

Fault tracing

Repairs

Maintenance

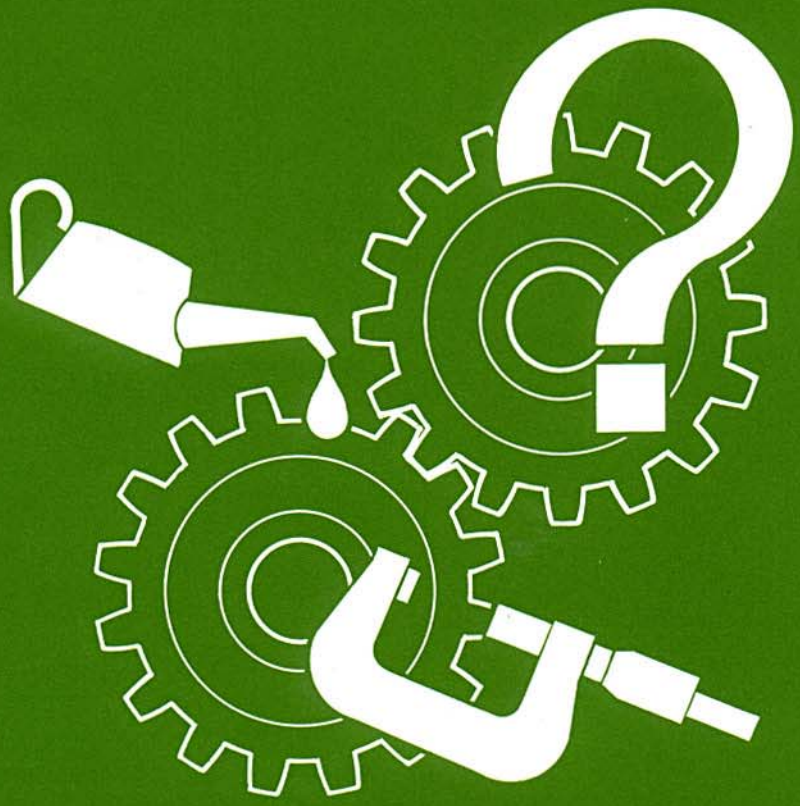
Section 3 (39)

Wiring Diagrams

Left-hand drive

960 1995

TP 3909202



Volvo Car Corporation

Cars with SRS

Warning
Cars equipped with a Supplemental Restraint System (SRS) must be treated extra carefully when repairs are being made. This is to help prevent:1. Injuries when carrying out a repair. 2. Damage or malfunction of the SRS system.Repair to either the SRS itself or a related system or component must be carried out by an authorized Volvo workshop. Refer to the appropriate SRS service manual for complete system information.

Is the car equipped with SRS?
Cars with SRS are most easily recognized by the SRS letters on the steering wheel pad. If the car is also equipped with an air bag on the passenger side, the letters 'SRS' will be embossed on the instrument panel above the glove compartment. Most cars with SRS are also equipped with pyrotechnical seat belt tensioners in the B-posts.

Dashboard or around steering column
Take care to avoid electric wiring being pinched, frayed or pierced by screws when working on firewall, knee bolster, ignition switch, steering column casings, glove compartment, instrument panel, door sills and B-posts.

Driver's seat, centre console or carpeting at left front seat
The SRS collision sensor is located under the left front seat. Do not disconnect the collision sensor connector. Never install accessories on or near the sensor. The crash sensor connector on 1992 and earlier models must **never** be disconnected.

Repairs to steering gear and column
When carrying out repairs to the steering wheel, steering gear or column always follow the repair procedures given in the appropriate SRS service manual. The contact reel in the steering column will be damaged if the steering wheel is turned more than three turns in either direction.

Test terminal
- 1992 : An unused terminal in the fusebox is used as a hook-up for SRS diagnostics. Do not install a fuse or connect an accessory to this terminal.
1993 - : Diagnostic unit B in the engine compartment is used for fault-tracing purposes.

Modifications to August 1994 included

Modifications introduced after the above date are not covered in this manual.
See Service Bulletins as applicable.

Volvos are sold in versions adapted for different markets. These adaptations depend on many factors including legal, taxation and market requirements. This manual may therefore show illustrations and text which do not apply to cars in your country.
Volvo owners planning to export their car(s) to another country should investigate the applicable safety and exhaust emission requirements. In some cases it may be impossible to comply with these requirements.

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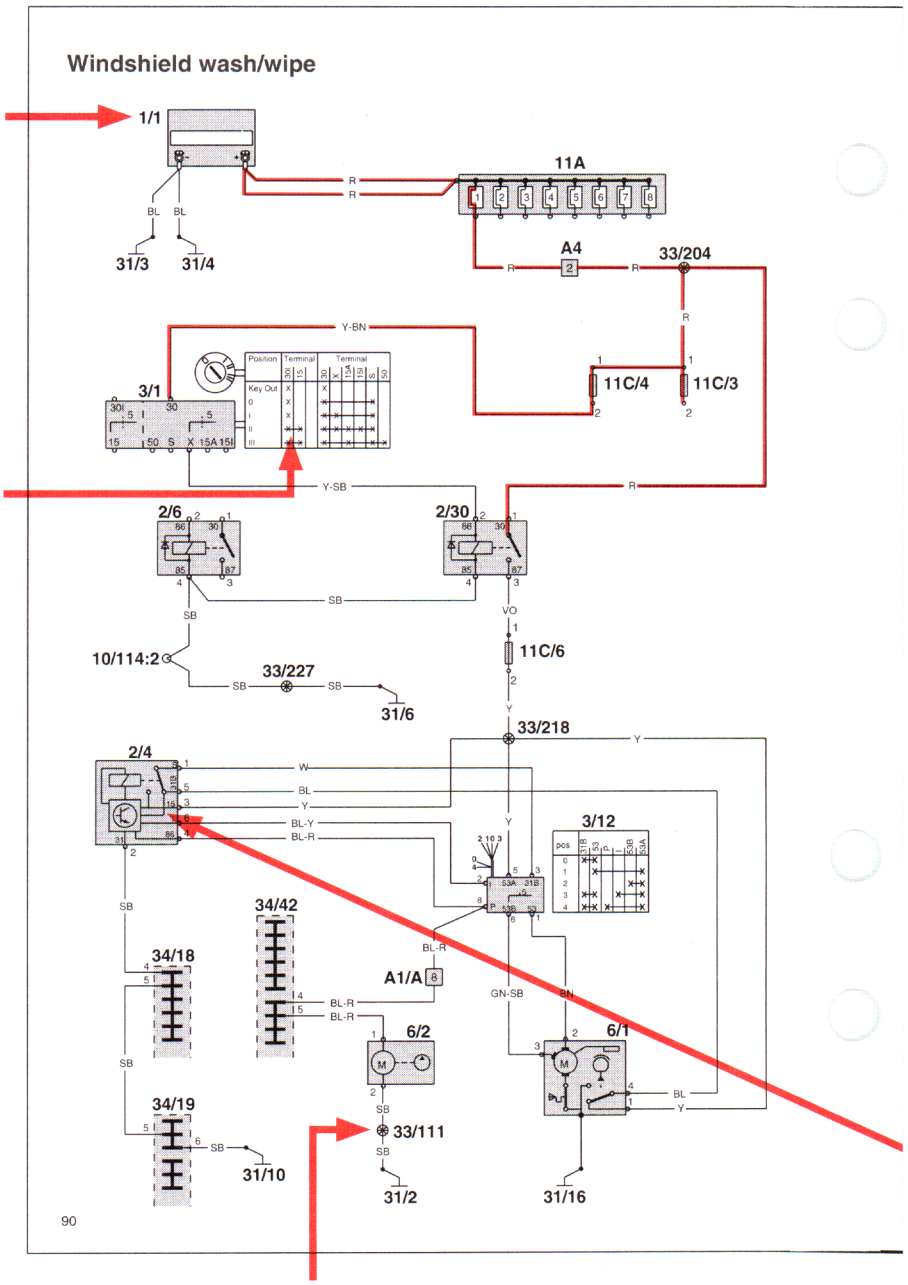
Order no. TP 3909032 (UK)	Order no. TP 3909202 (USA/CDN)
Supersedes TP 3909031	Supersedes TP 3909201 (USA/CDN)

We reserve the right to make alterations without prior notice

How to use the wiring diagrams

Look up the relevant electrical function in the index.
Let us say you want to look at the windshield wash/wipe system.
According to the index, the windshield wash/wipe system is found on page 90.

Here is a schematic presentation of how the components are connected to each other and their internal appearance.



Each component has a component designation. At the end of the manual there is a component list where you can see what each component is called.

A chart is often used to illustrate the functions of a switch.

The chart will show which functions are associated with the different positions on the switch (in this case the ignition switch).

Wire colors are indicated with letters of the alphabet:

SB = Black	BN = Brown	GN = Green
GR = Grey	Y = Yellow	OR = Orange
W = White	P = Pink	VO = Purple
R = Red	BL = Blue	

BL-R is thus = Blue-red.

Code to colours in the wiring diagram

= no voltage

= system voltage

= voltage lower than system voltage

= ground connection

= intertwined wires

= screened wire

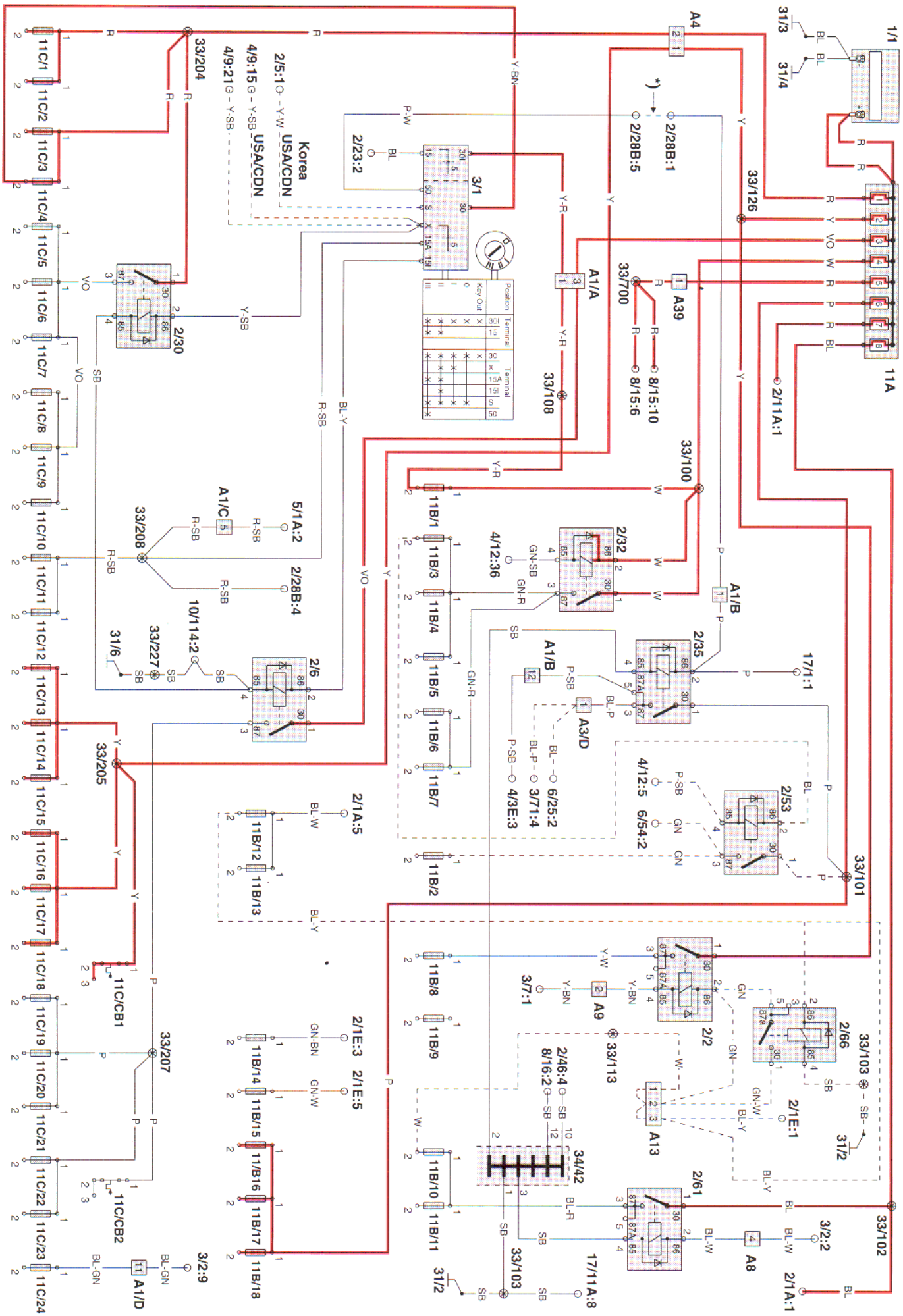
= branch point

= cable continues to component

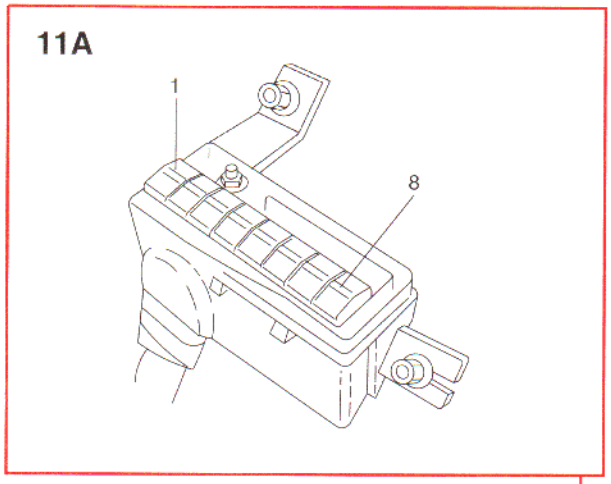
Branching points are numbered. On pages 14-29 you will find a list of the branching points where you can see to which other components the branching point leads.

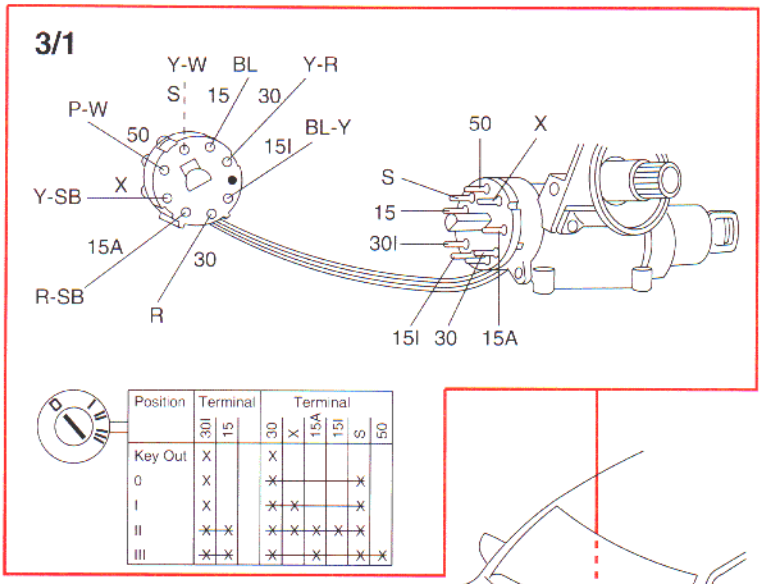
Power distribution

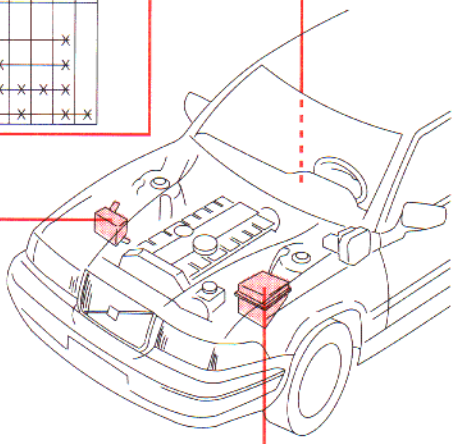
*) Cars without anti-theft alarm



Ignition switch, main fuse and relay-/fuse box in engine compartment



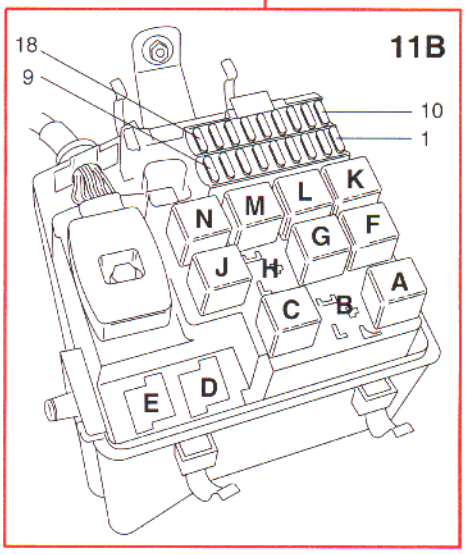




Main fuses, 11A at battery
8 fuses, 50 A each

No. Supply 30+

1 Fuses 11C/1 up to and incl. 11C/4
Overload relay, X+(2/30)
2 Fuses 11C/13 up to and incl. 11C/18
Automatic fuse 11C/CB1
Relay, fog lights (2/2)
3 Overload relay, 15I+(2/6)
4 Fuse 11B/1 (for ignition lock connection 30I)
Fuses 11B/3 up to and incl. 11B/7
5 ABS hydraulic unit, connections 6 and 10
6 Fuses 11B/16 up to and incl. 11B/18
Starter motor relay 50 (2/35)
Air pump relay (2/53)
7 Engine cooling fan relay (2/11)
8 Parking/side lights relay (2/61)
Main headlight relay with bulb malfunction indicator



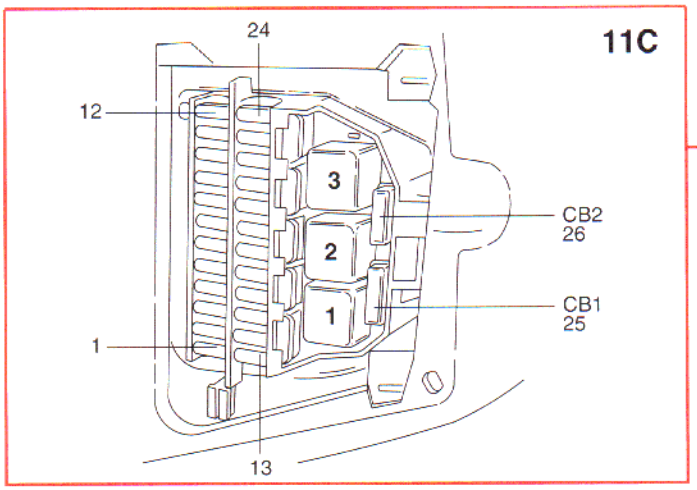
Fuses, 11B, in engine compartment relay/fuse box

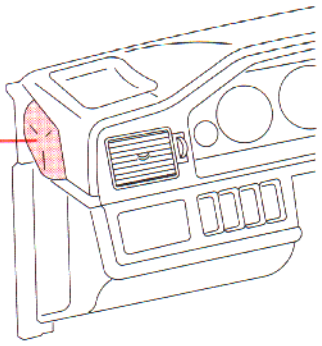
No.	Fused function	Amperes
1	Control module, Motronic 4.3 MFI Control module, automatic transmission (AW30-40/43)	5
2	Auxiliary air system solenoid valve	5
3	EGR converter	5
4	Fuel pump relay	15
5	Fuel injection valve Mass air flow (MAF) sensor IAC idling valve Control module, Motronic 4.3 MFI	15
6	Control module, automatic transmission AW30-40/43	15
7	Ignition coil Heating heated oxygen sensor (H02S)	25
8	Fog lights	25
9	Spare	
10	Left marker/side indication light	15
11	Right marker/side indication light	15
12	High beam, left	15
13	High beam, right Warning light, high beam	15
14	Low beam, left	15
15	Low beam, right	15
16	A/C compressor	15
17	Horn 1	15
18	Accessories	

Relays in engine compartment relay/fuse box

A Air pump relay, 2/53
B Spare
C Fuel system relay, 2/32
D Spare
E Spare
F A/C relay, 2/22
G Fog lights relay, 2/2
H Spare
J Ignition coil relay, 2/46
K Starter motor relay, 2/35
L Fog lights relay, 2/66
M Marker/parking light relay, 2/61
N Horn relay, 2/17

Fuse box / relays in car





Relays in fuse box

1 Overload relay X+, 2/30
2 Fuel pump relay, 2/23
3 Overload relay 15I+, 2/6

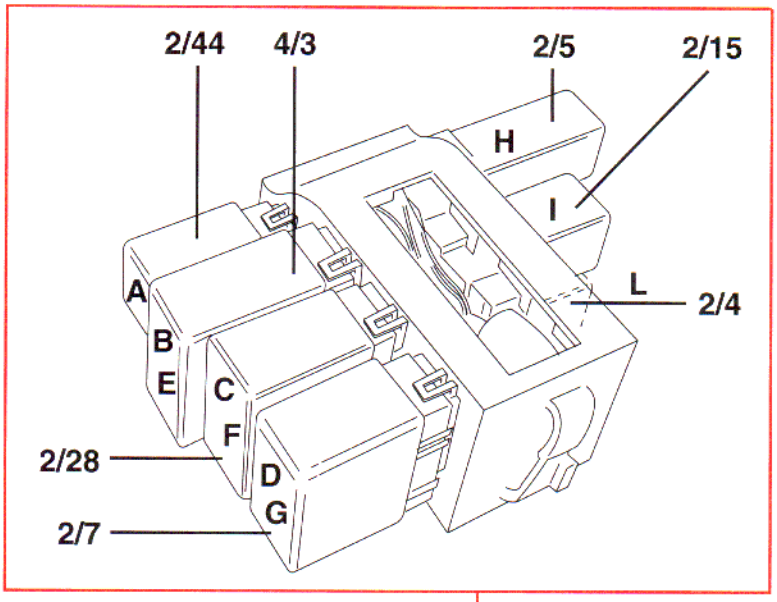
No.	Fused function	Supply	Ampere
1	Relay, el. heated rear window/door mirrors	30+	25
2	Central locking Anti-theft alarm	30+	20
3	Brake lights Light switch	30+	15
4	Ignition switch SRS	30+	10
5	Spare	X+	
6	Windshield wash/wipe Headlight wash/wipe Horn relay	X+	25
7	Climate unit	X+	20
8	Power seat Power door mirrors Tailgate wash/wipe 5-door Rheostat Ambient temperature sensor	X+	15
9	Radio	X+	15
10	Beam width control Cigar lighter	X+	15
11	Courtesy lighting Mode selector, AW30-40/43	15A+	5
12	ABS	15A+	5
13	Clock Courtesy and glove compartment lighting Door warning lights Trunk lighting Vanity mirror lighting	30+	10
14	Anti-theft alarm	30+	5
15	Power antenna High beam flash Compact Disc changer Indicator lamp, trailer	30+	20
16	(Parking heater)	30+	20
17	Turn signal indicator-hazard flashers Anti-theft alarm	30+	20
18	Radio	30+	15
19	Backup (reversing) lights Turn indicator Cruise control	15I+	15
20	Light switch	15I+	15
21	Seat belt reminder P-shift lock Heated rear window and door mirrors Rear bulb malfunction indicator, connection 8 Temperature sensor (Japan)	15I+	5
22	Heated driver seat +15I	15I+	15
23	Heated passenger seat +15I	15I+	15
24	Switch, rear fog light	15I+ (via 3/2)	5

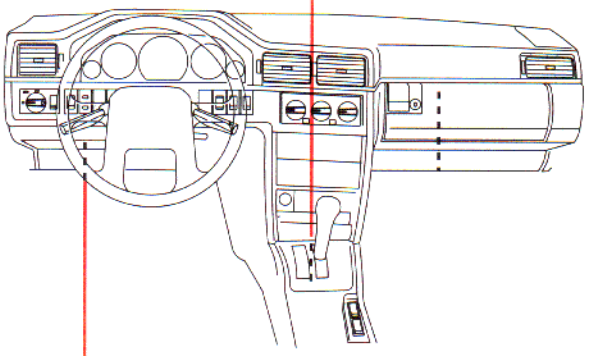
Automatic fuses

CB1	Power seat	30+	30
CB2	Power windows Power sunroof	15I+	30

Central relay unit, in car (tunnel)

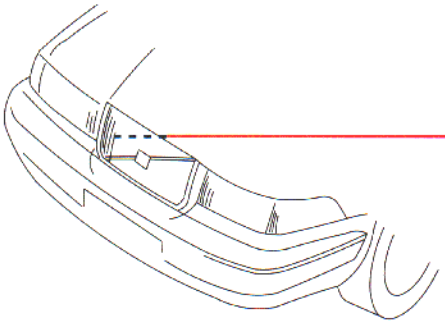
2/4 Windshield wiper intermittent relay
2/5 Seatbelt reminder/key warning relay
2/7 Central lock relay
2/15 Exhaust temperature sensor relay (Japan)
2/28 Anti-theft alarm relay
2/44 Rear window and door mirror heating relay
4/3 Control module, cruise control

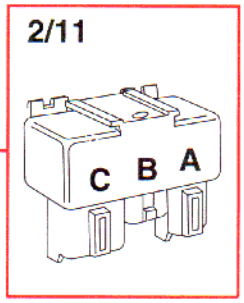


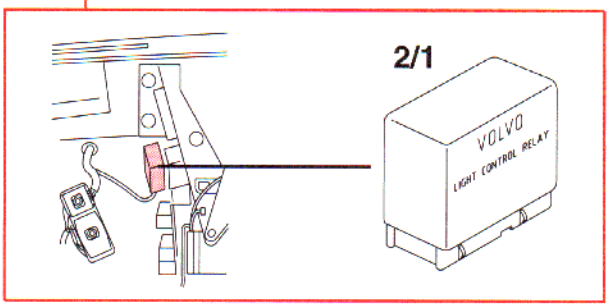


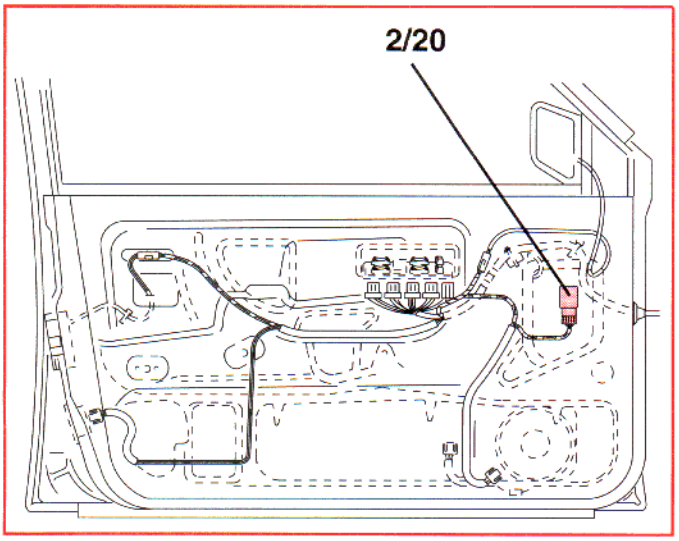
Other relays

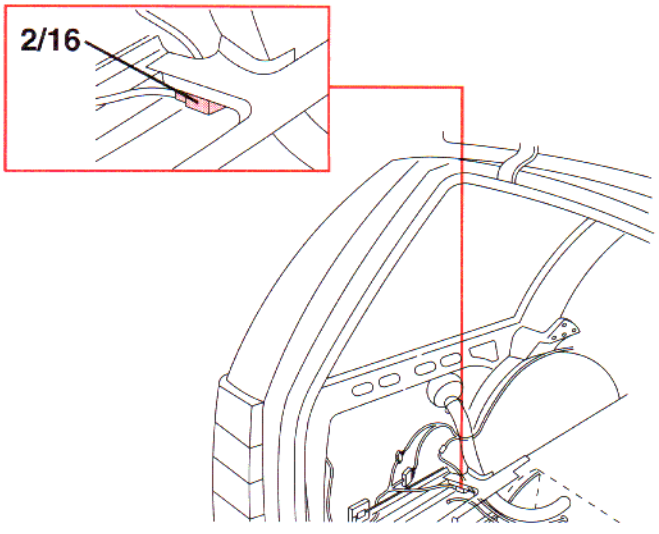
2/1 Main headlight relay with bulb malfunction indicator
2/11 Engine cooling fan (FC) relay
2/16 Tailgate wiper, intermittent relay (5-door)
2/20 Relay auto-down power windows



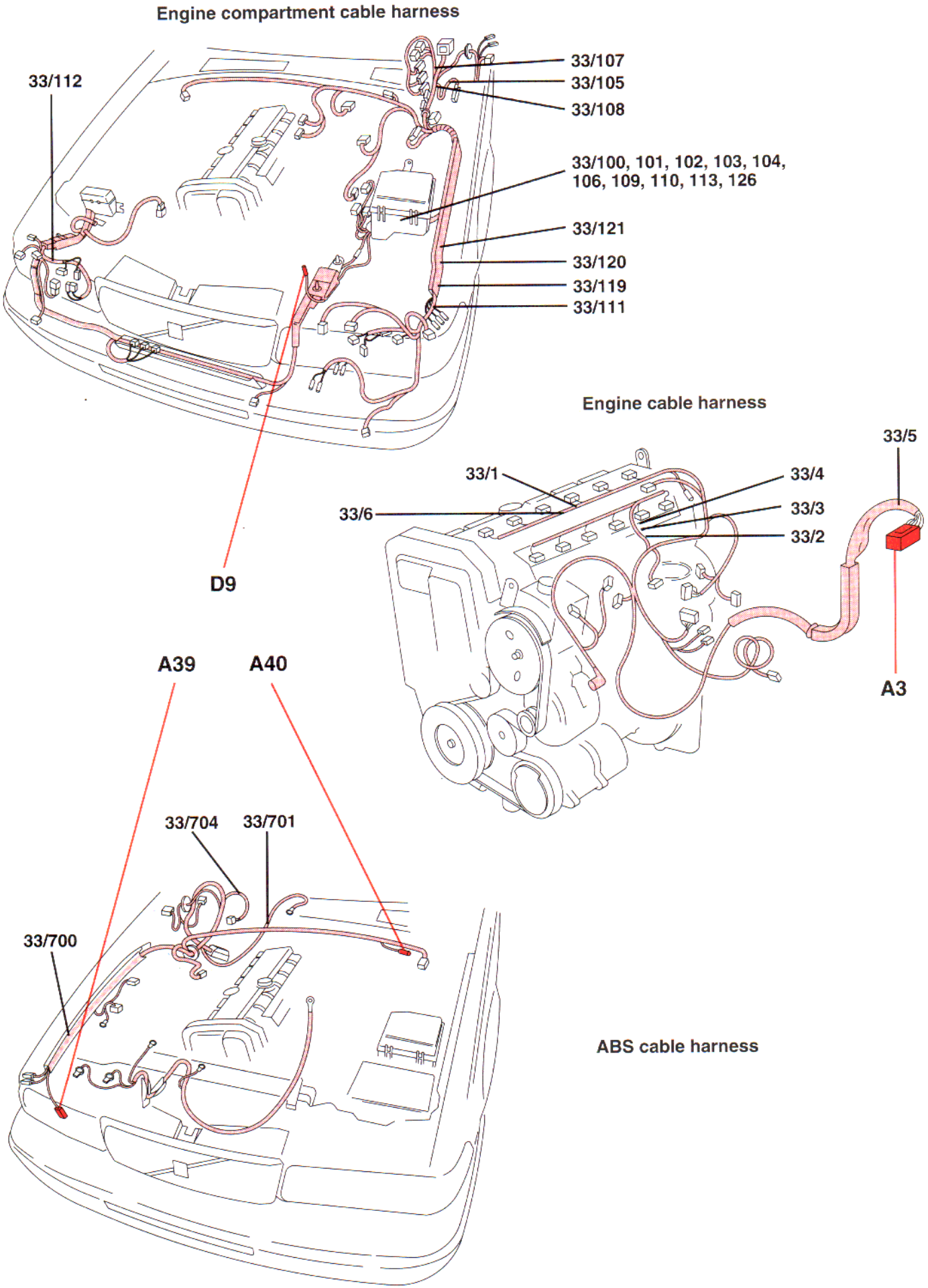








Cable harness routing in car



Branching points

For location of branching points, refer to Cable harness routing in the car pages 9-13

33/1 (Engine harness)

On/Off		Color	Remarks
2/46:3	**Ignition coils, relay (via multi-connector A3/E:1 in relay/fusebox engine compartment)**	**GN-R**	
20/3:2-20/6:2	Sparkplugs (with ignition coils)	GN-R	

33/2 (Engine harness)

On/Off		Color	Remarks
33/106	**Branch point (via multi-connector A3/E:14 in relay/fusebox engine compartment)**	**GN**	
8/6:1-8/11:1	Injectors	GN	

33/3 (Engine harness)

On/Off		Color	Remarks
4/12:16	**Motronic MFI control module (via multi-connector A3/F:14 in relay/fusebox engine compartment)**	**P-W**	
8/8:2, 8/10:2-8/11:2	Injectors	P-W	

33/4 (Engine harness)

On/Off		Color	Remarks
4/12:17	**Motronic MFI control module (via multi-connector A3/F:10 in relay/fusebox engine compartment)**	**BN-GR**	
8/6:2-8/7:2, 8/9:2	Injectors	BN-GR	

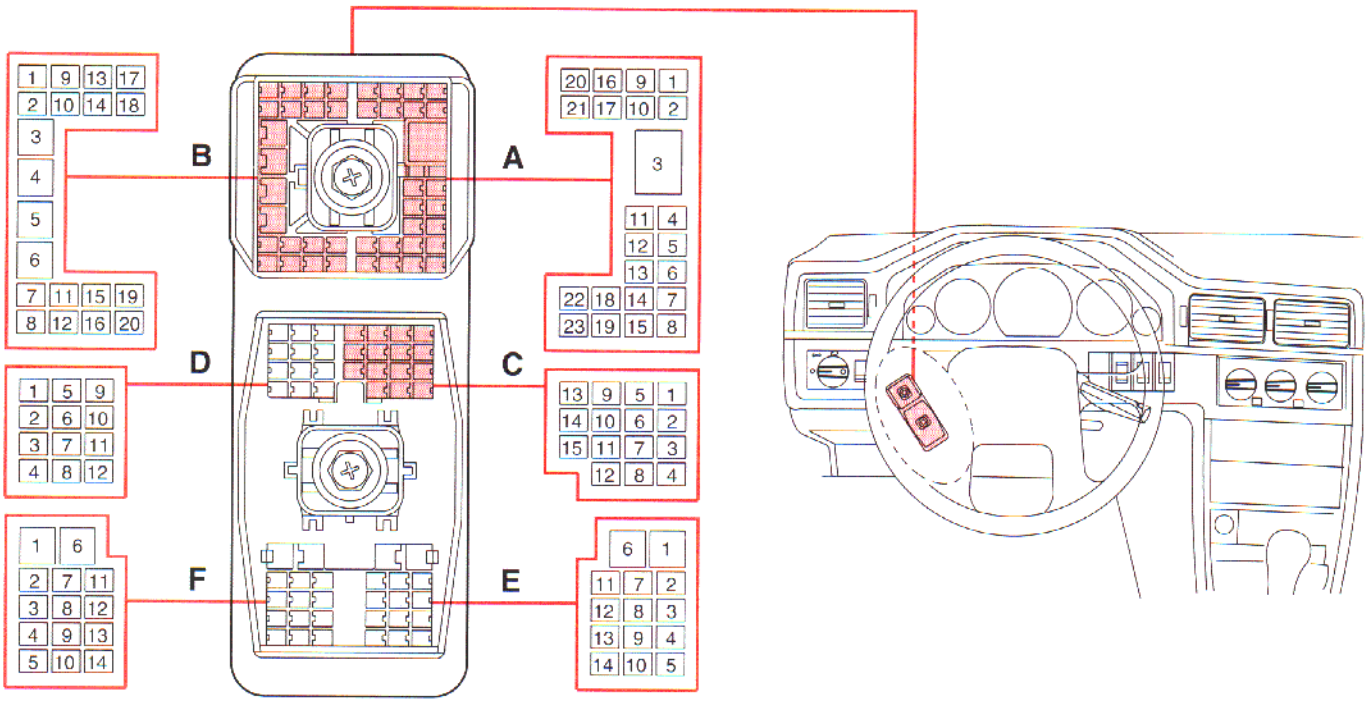
33/5 (Engine harness)

On/Off		Color	Remarks
31/33	**Engine ground point (signal ground)**	**BN**	
33/109	Branch point (Relay/fusebox in engine compartment) (via multi-connector A3/E:13 in relay/fusebox engine compartment)	BN	
-	Cable shield for Ignition Discharge Modules 1 and 2 Motronic MFI	-	

33/6 (Engine harness)

On/Off		Color	Remarks
4/38:1	**Ignition Discharge Module 1 Motronic MFI**	**R-W**	
17/8	Service connector: kl 1, cyl. 1 (engine)	R-W	
20/3:1	Sparkplugs (with ignition coils)	R-W	

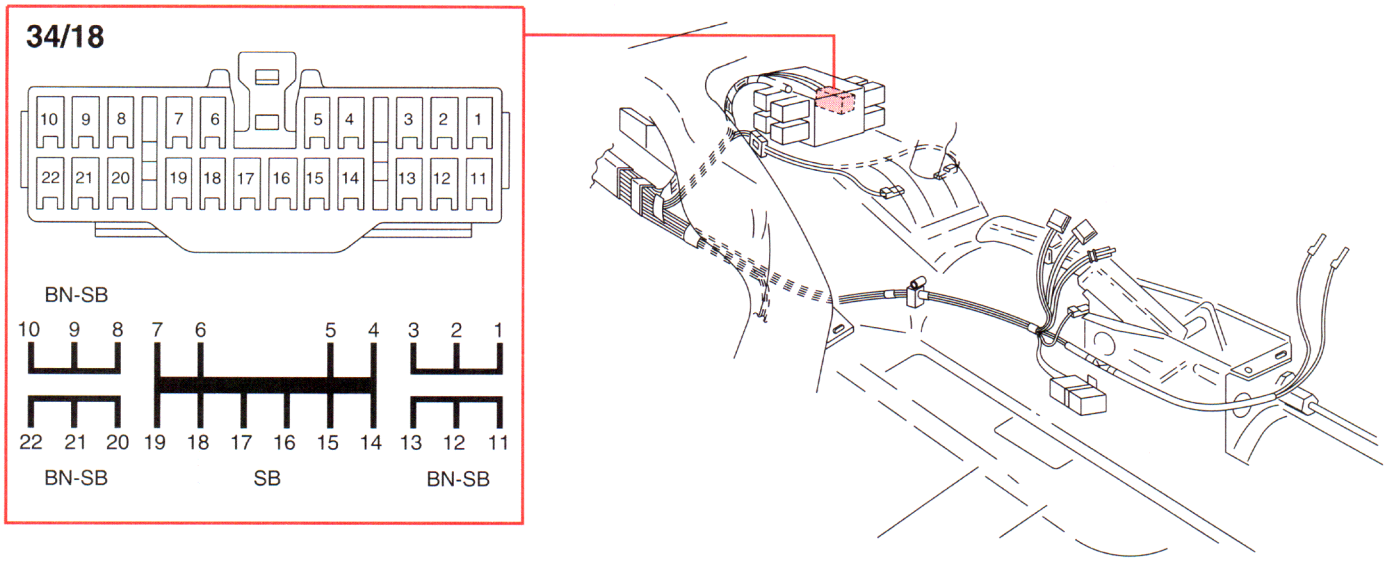
Multi-connector A1 under dashboard, left A-post



A Cable harness in-car - cable harness engine compartment

Pos.	ON/OFF	Color
1	Ignition switch 30+supply, connection 30I	Y-R
2	Horn switch on horn contact +	BN-SB
3	Ignition switch, overload relay 15I	VO
4	Door switch, driver door - Interior lighting w/delay - Anti-theft car alarm relay - Courtesy lighting	W-SB
5	Door switch, driver door	BL-SB
6		
7		
8	Windshield wipe/wash switch	BL-R
9	Anti-theft alarm. connection A:4	BN-W
10	Ignition coil relay, connection 2	GN
11	Transmission control module, connection B:2	BN-OR
12		
13	Transmission control module, connection B:11	GR-R
14	Transmission control module, connection B:9	GN-Y
15	Transmission control module, connection B:10	Y-BN
16	Fuel pump relay, connection 4	BN-P
17	Fuel pump relay, connection 1	Y-GR
18	OBDII (Diagnostic) socket B connection 6	W
19	OBDII (Diagnostic) socket B connection 5	GR-OR
20	15+ supply from ignition lock via fuel pump relay	BL
21	Control module, Motronic MFI, connection 41	BN
22		
23	X+ supply to terminal block, 34/42, in relay/fuse box in engine compartment	Y

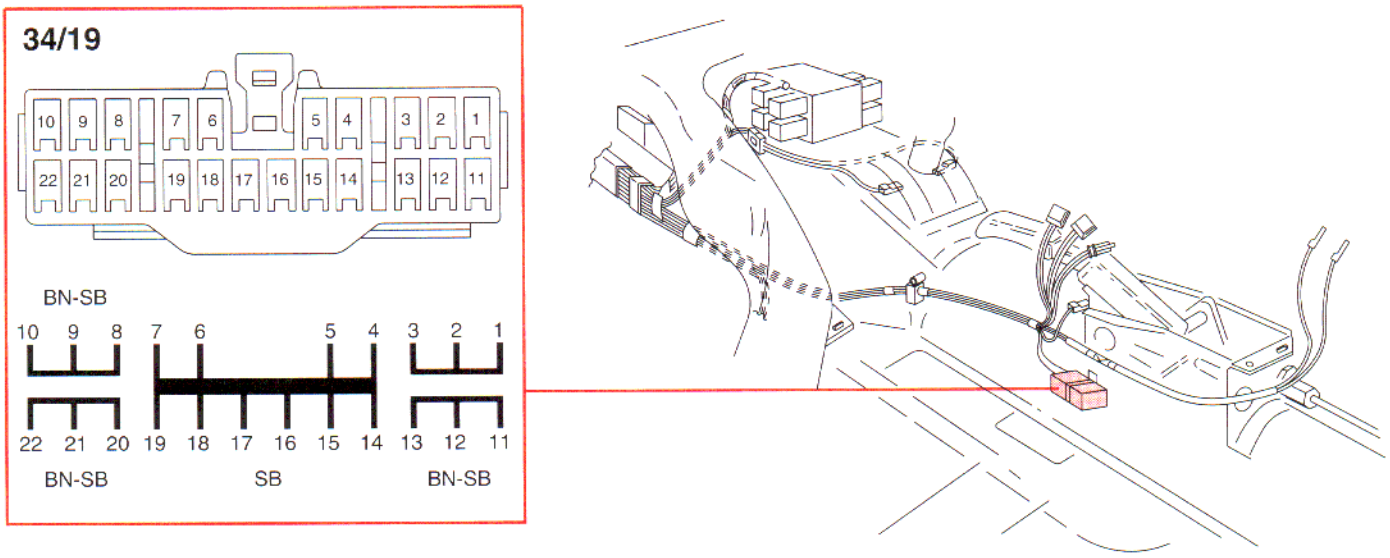
Terminal block in central relay module in-car



34/18 22-pin connector: terminal block in central relay module in-car

Pos.		ON/OFF	Color
1			
2			
3			
4	2/4:2	Windshield wiper intermittent relay	SB
5	34/19:5	22-pin connector: terminal block at parking brake bracket	SB
6	31/10	Ground point right seat lifter	SB
7			
8	33/200	Branch point (In-car harness)	BN-SB
9	10/39:1	Lighting switch heated seat	BN-SB
10	10/38:1	Ashtray lighting, rear	BN-SB
11	3/63:4	Driving mode selector, automatic transmission	BN-SB
12	10/40:1	Gear selector light (via connector A34:1 in-car harness)	BN-SB
13	33/200	Branch point (In-car harness)	BN-SB
14	2/44:6	Relay rear window/door mirror heating	SB
15	2/5:2	Seatbelt reminder/key warning relay	SB
16	2/28A:2	Car alarm relay	SB
17	2/15:4	Relay, exhaust temperature sensor	SB
18			
19			
20	33/200	Branch point (In-car harness)	BN-SB
21	4/6A:7 4/40A:5	Control module, ECC MCC control module (via connector A11:5 In-car harness - ECC harness)	BN-SB BN-SB
22	D10:3	Connector (In-car harness - accessories)	BN-SB

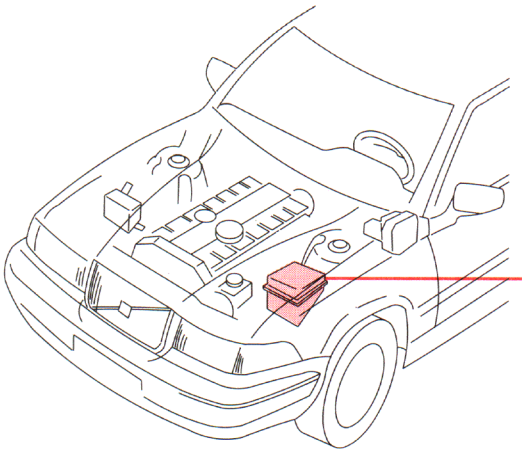
Terminal block at parking brake bracket

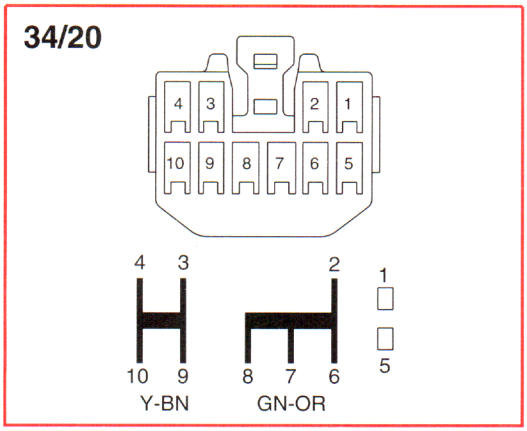


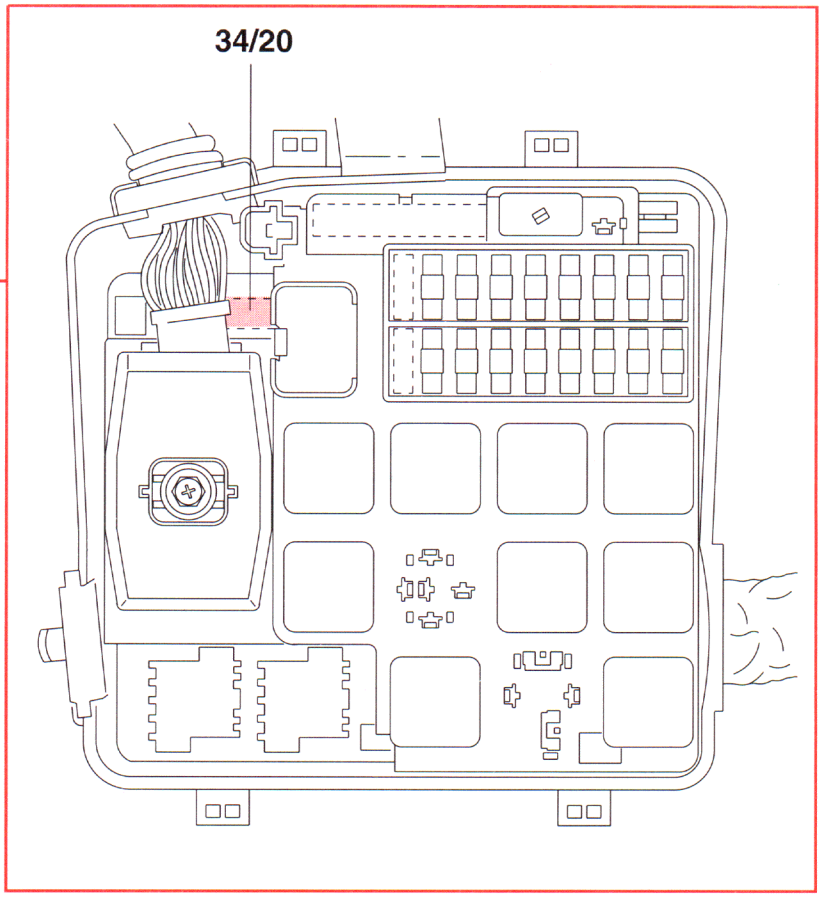
34/19 22-pin connector: terminal block at parking brake bracket

Pos.		ON/OFF	Color
1	3/63:7	Driving mode selector, automatic transmission	BL-GN
2	11C/11:2	Fuse, in-car	BL-GN
3	2/7B:4	Central locking/delayed courtesy lighting relay	BL-GN
4			
5	34/18:5	22-pin connector: Terminal block in-car central relay module	SB
6	31/10	Ground point right seat lifter	SB
7	9/22B:4	Heated seat, driver	SB
8	33/201	Branch point (In-car harness)	SB
9			
10	3/63:5	Driving mode selector, automatic transmission	SB
11	4/6:6	Control module, ECC (via connector A10:1 In-car harness - ECC)	Y-GR
12	5/1D:1	Combined instrument (via multi-connector A1/E:13 at left A-post)	Y-GR
13	4/3B:8	Control module, Cruise control	Y-GR
14	5/1A:4	Combined instrument (via multi-connector A1/D:4 at left A-post)	SB
15	10/39:2	Heated seat switch	SB
16	10/38:2	Ashtray lighting, rear	SB
17	3/28:3	Heated driver seat switch	SB
18	3/29:3	Heated passenger seat switch	SB
19	33/201	Branch point (In-car harness)	SB
20	33/201	Branch point (In-car harness)	SB
21	10/40:2	Gear selector light (via connector A34:3 in-car harness)	SB
22	8/36:4	Solenoid, P-shift lock (via connector A34:4 in-car harness)	SB

Terminal blocks in relay/fusebox engine compartment





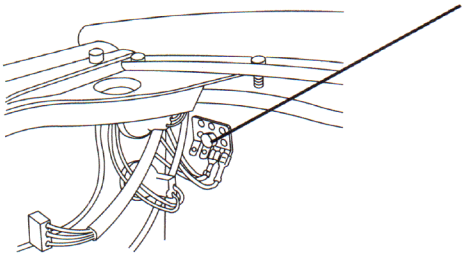


34/20 10-pin connector: terminal block in central relay module/fusebox engine compartment

Pos.		ON/OFF	Color
1			
2	2/11B:1	Engine cooling fan FC relay	GN-OR
3	2/11B:2	Engine cooling fan FC relay	Y-BN
4			
5			
6	7/38:2	Low speed pressure sensor engine cooling fan FC	GN-OR
7	4/12:14	Motronic MFI control module	GN-OR
8			
9	7/40:2	High speed pressure sensor engine cooling fan FC	Y-BN
10	4/12:34	Motronic MFI control module	Y-BN

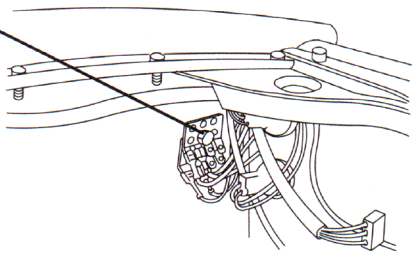
Ground connections

31/1

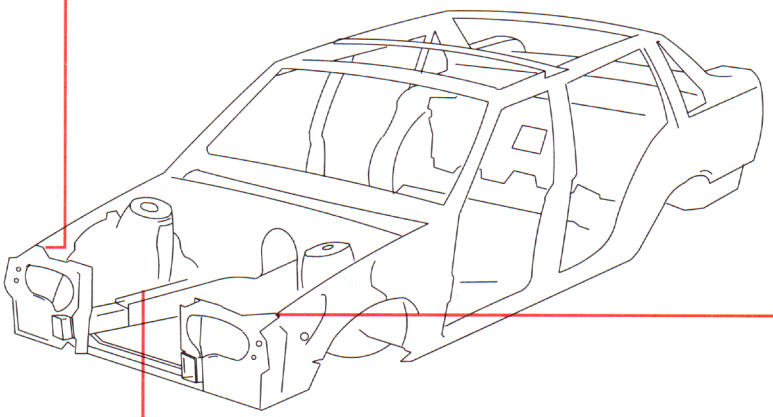


Right headlight
Right flasher light
Right parking light
Right fog light
Right headlight wiper motor
Hydraulic modulator ABS
Air pump motor (Motronic 4.3 MFI)
Pressure indicator relay, engine cooling fan
Coolant level sensor

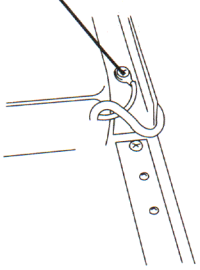
31/2



Horn
Left headlight
Left flasher light
Left parking light
Left headlight wiper motor
Main headlight relay with bulb malfunction warning
Washer motor front
Washer fluid level indicator
Left fog light
Terminal block, 34/42, in relay/fuse box in engine compartment
Fog light relay, 2/66 (USA)
Brake fluid level sensor
OBDII (Diagnostic) socket A

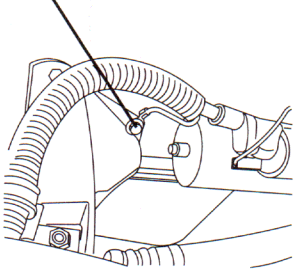


31/3



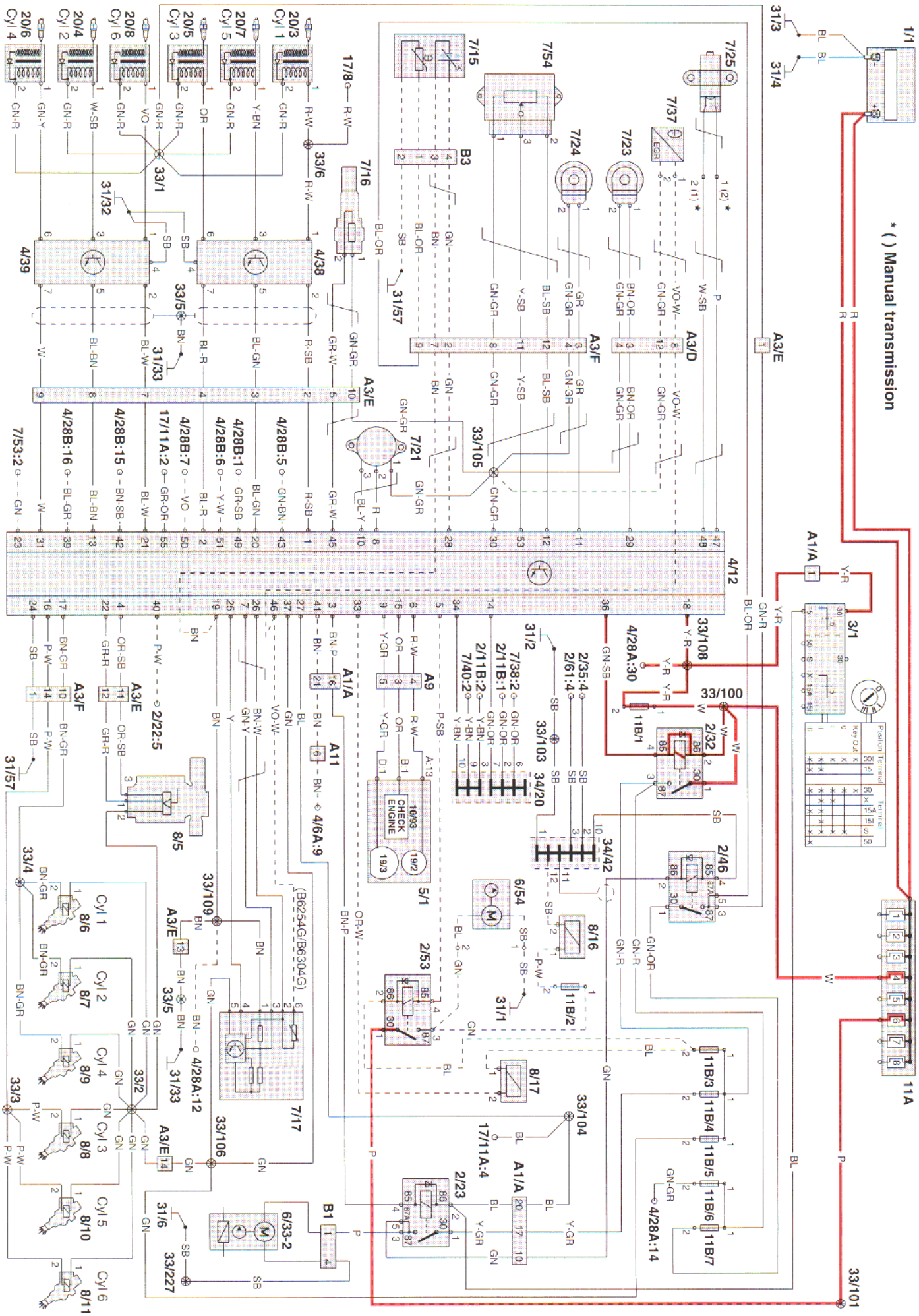
Ground connection
battery - chassis

31/4

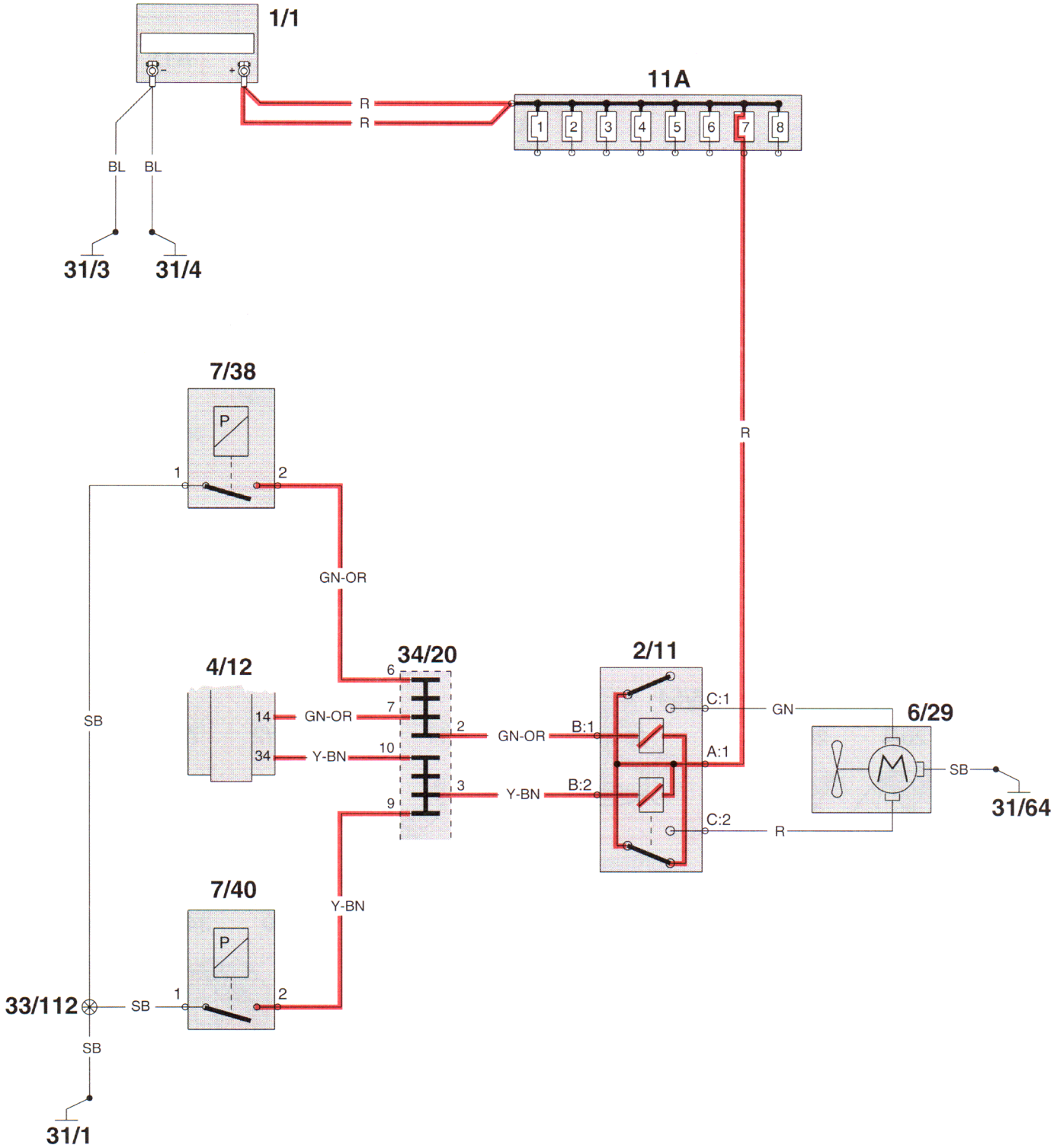


Ground connection
battery - engine

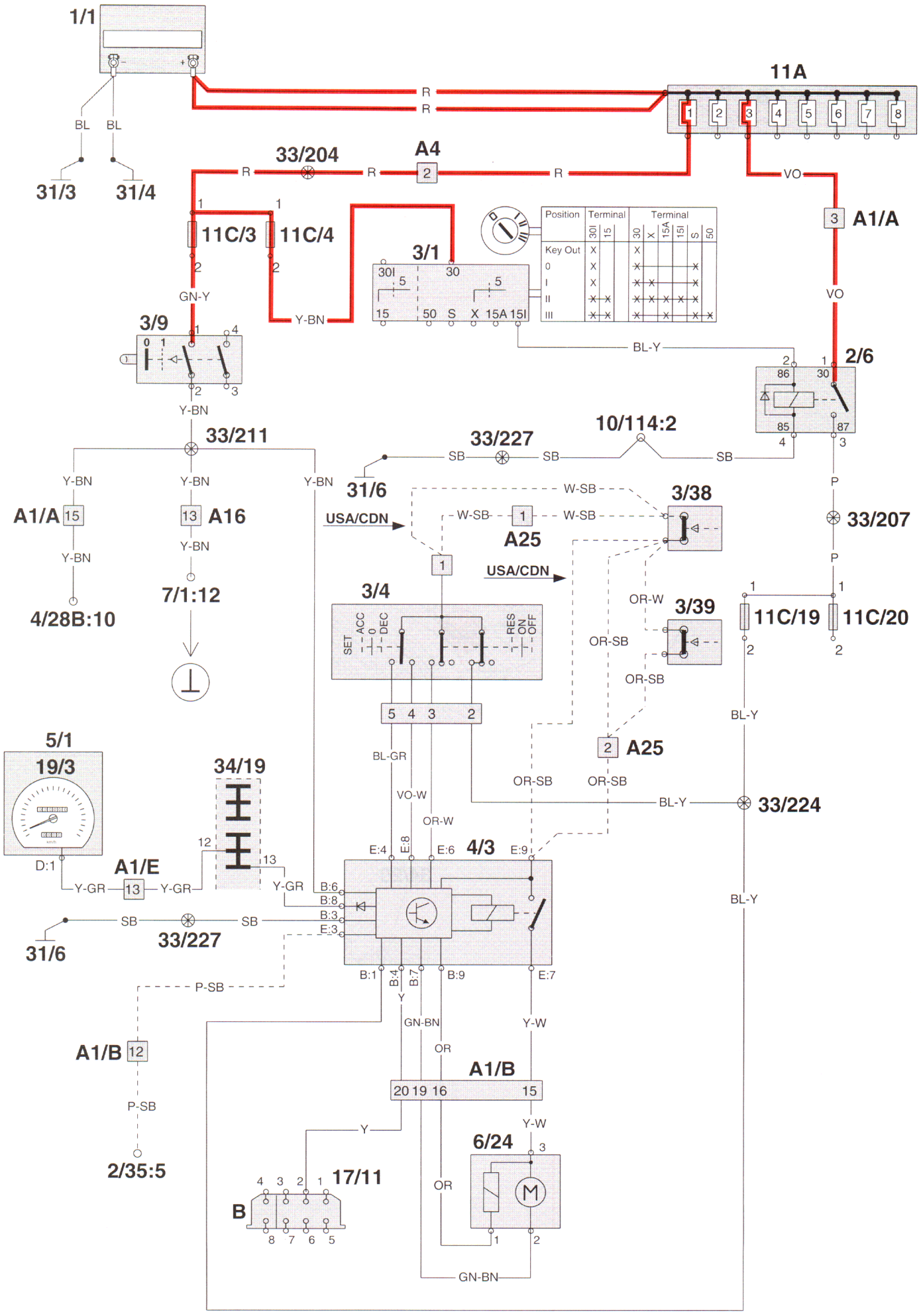
Motronic MFI Multiport Fuel Injection System



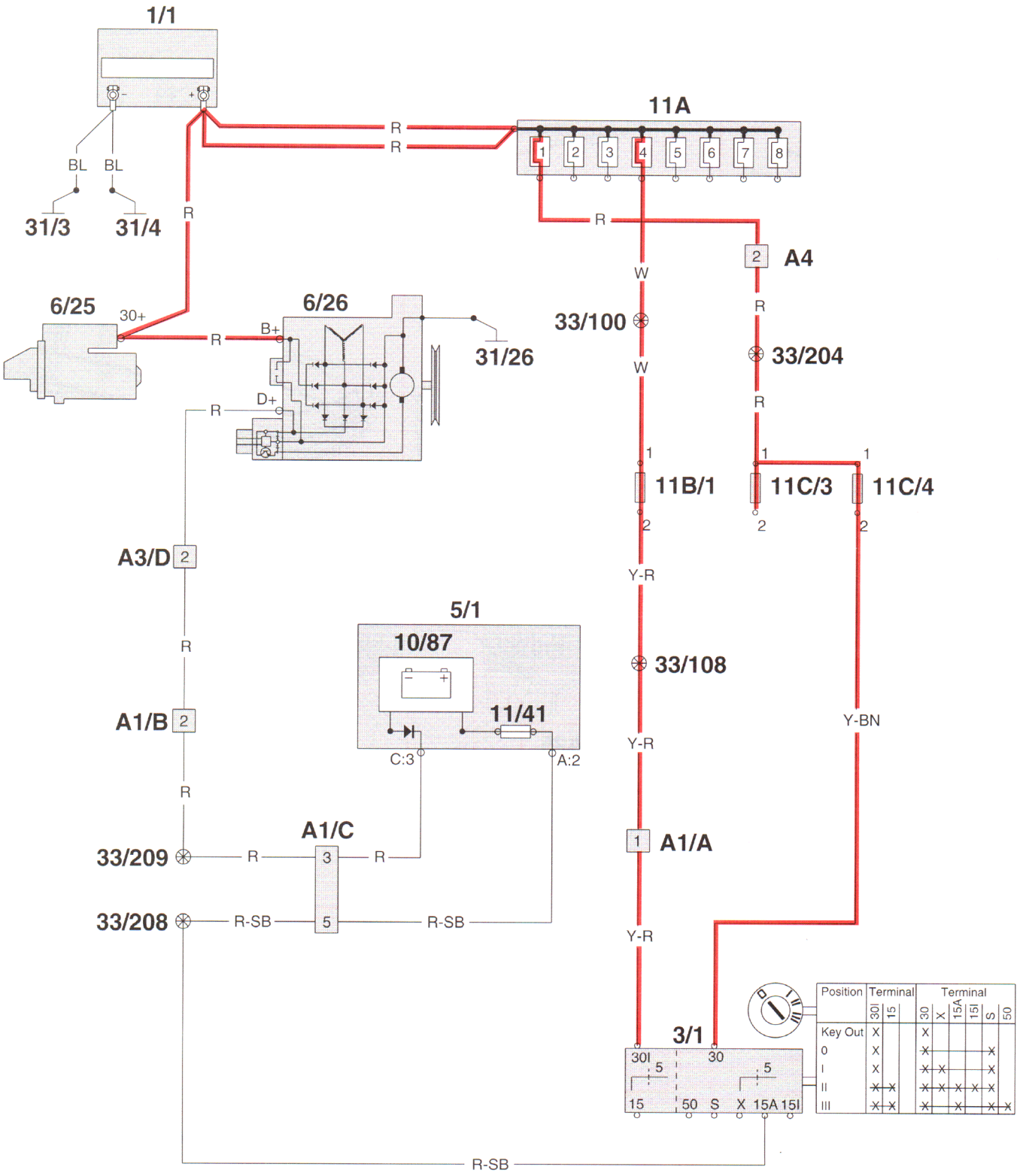
Engine coolant fan FC



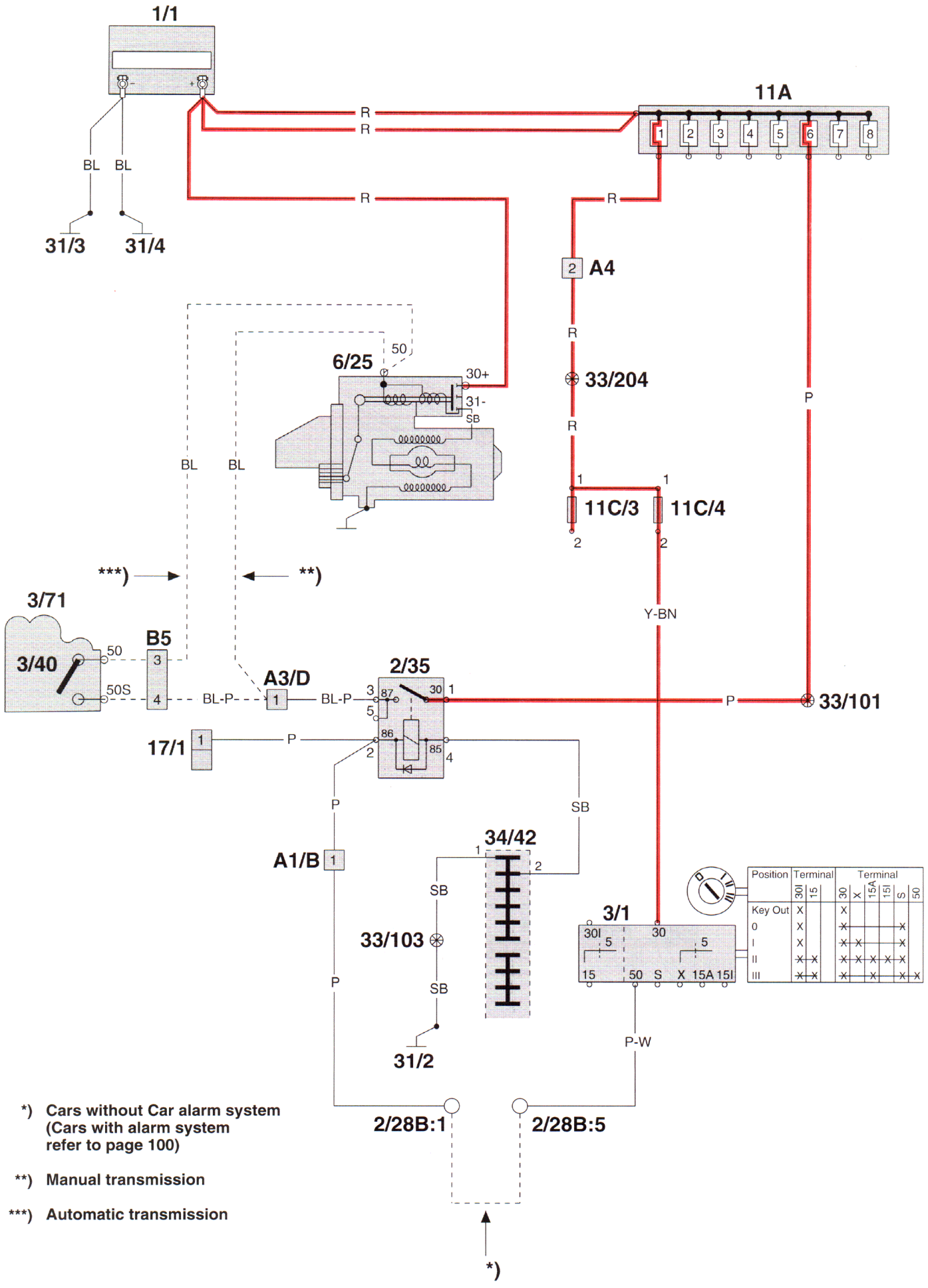
Cruise control



Power supply



Starting system

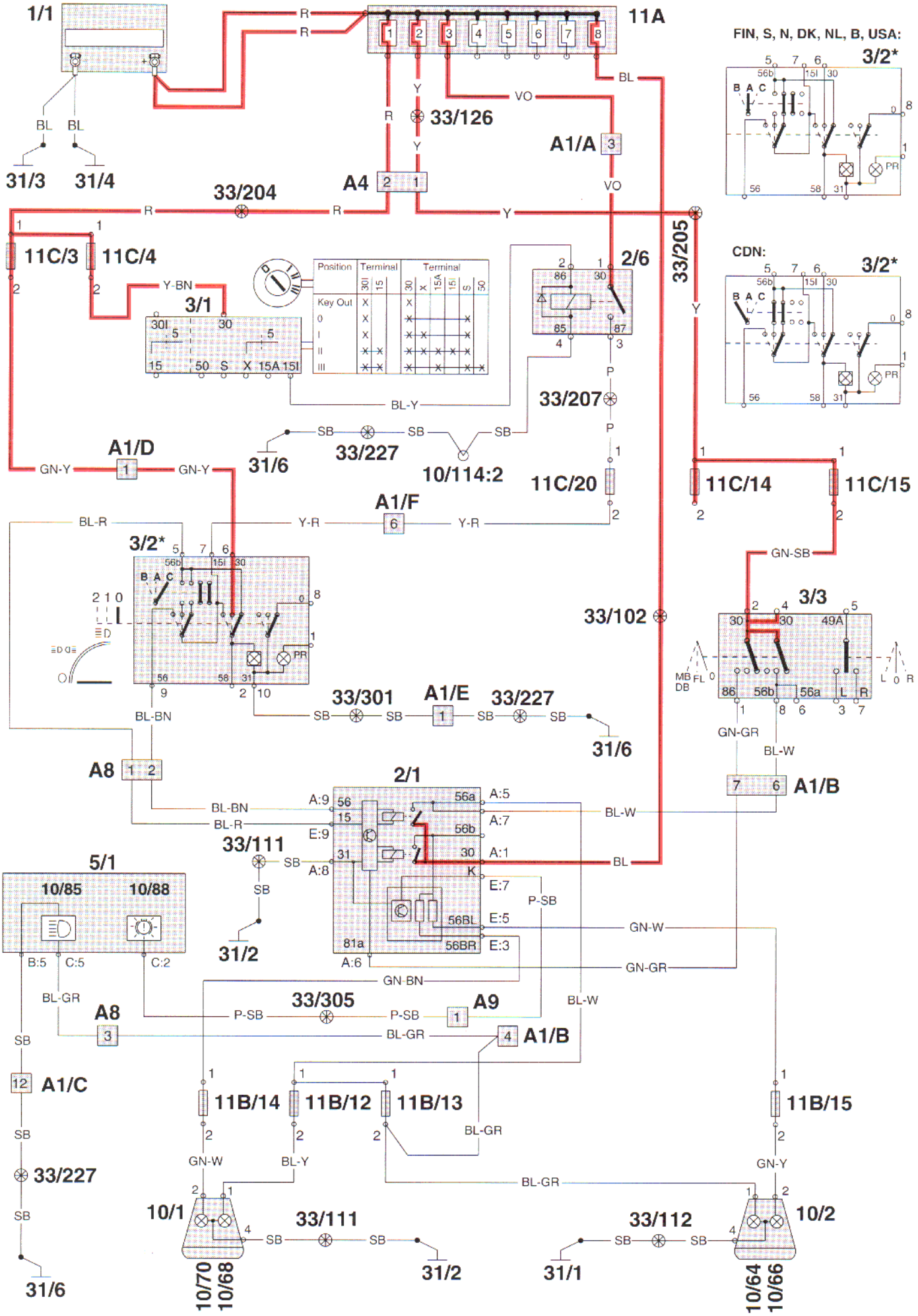


*) Cars without Car alarm system (Cars with alarm system refer to page 100)

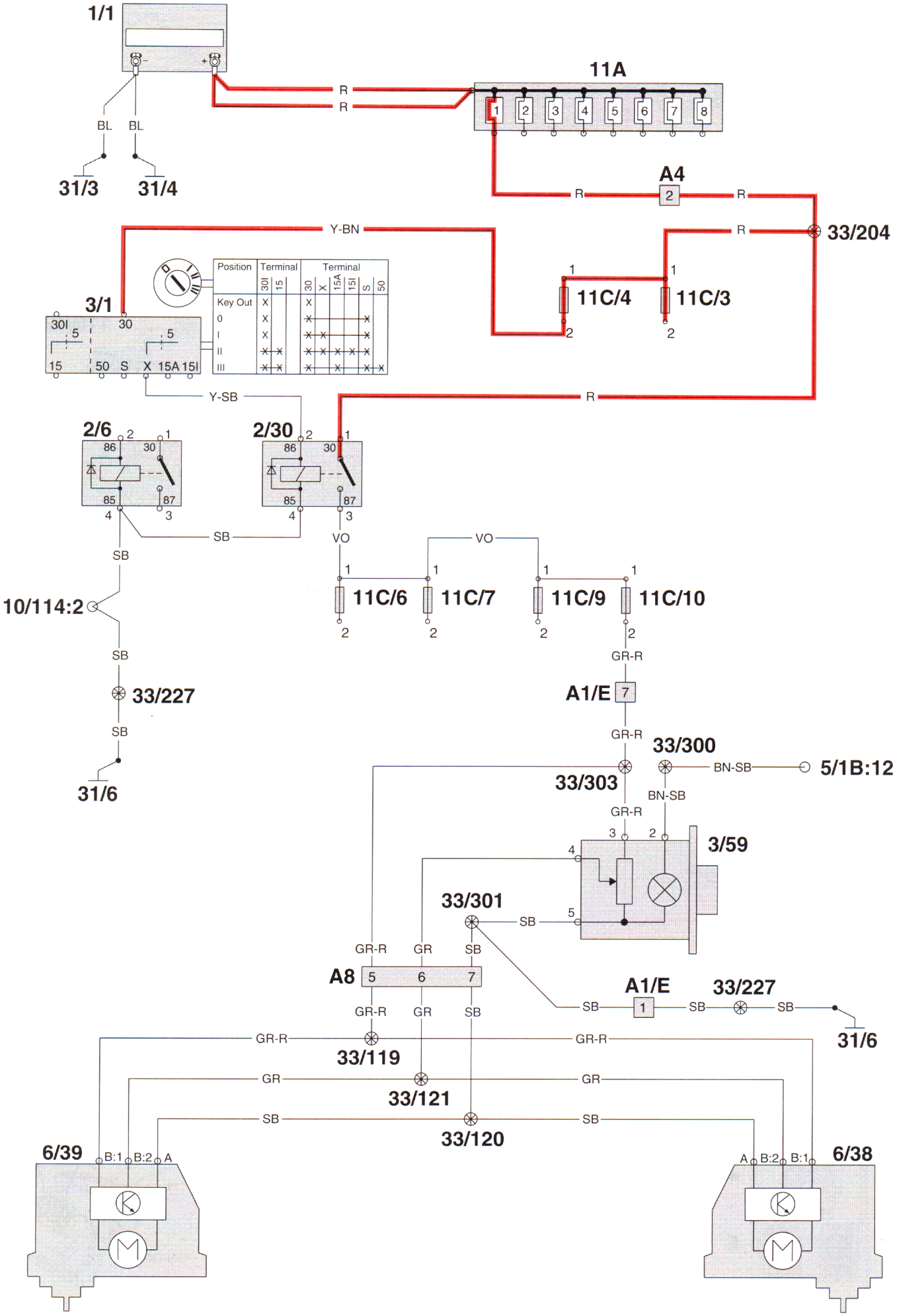
**) Manual transmission

***) Automatic transmission

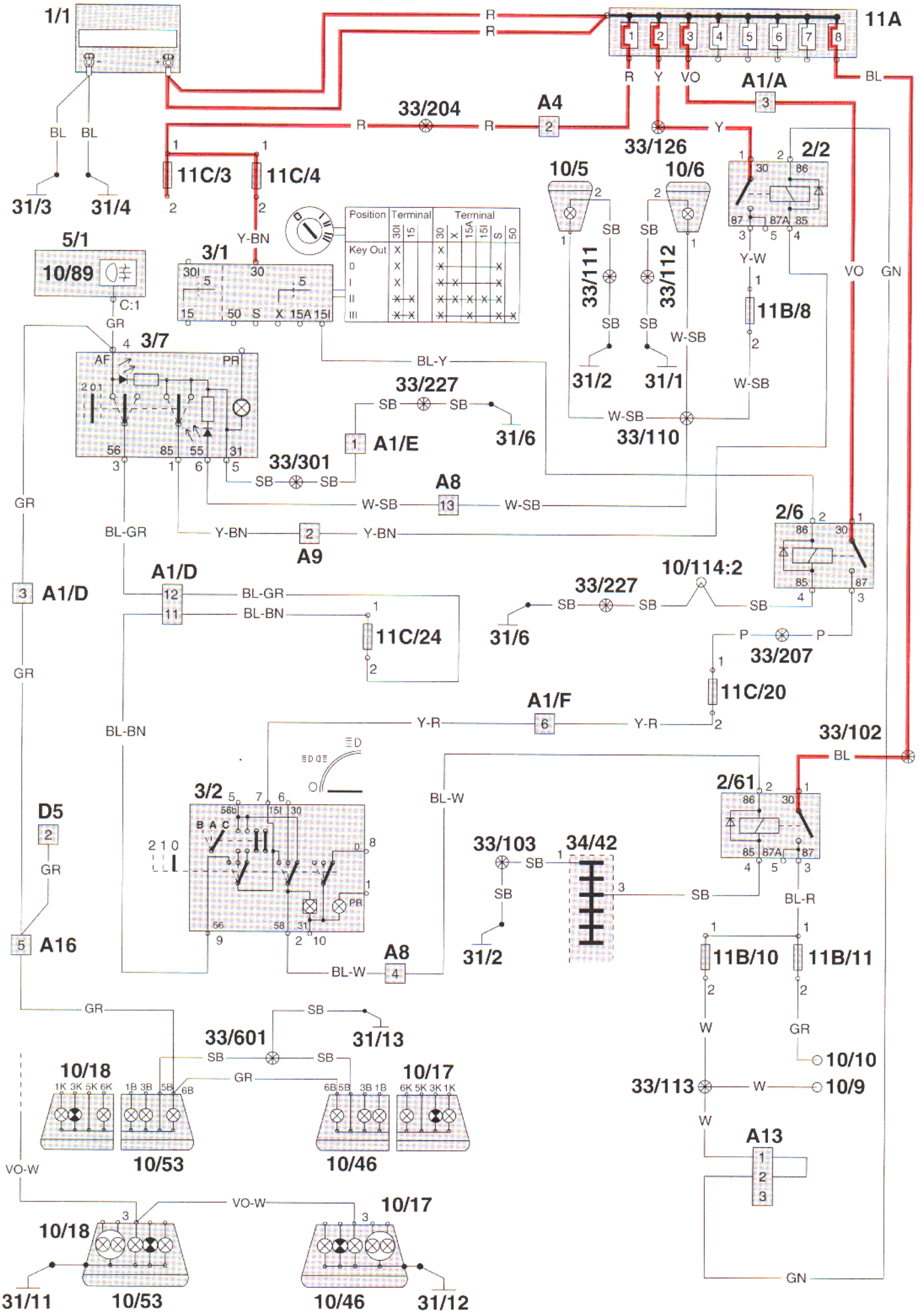
Hi and lo beams



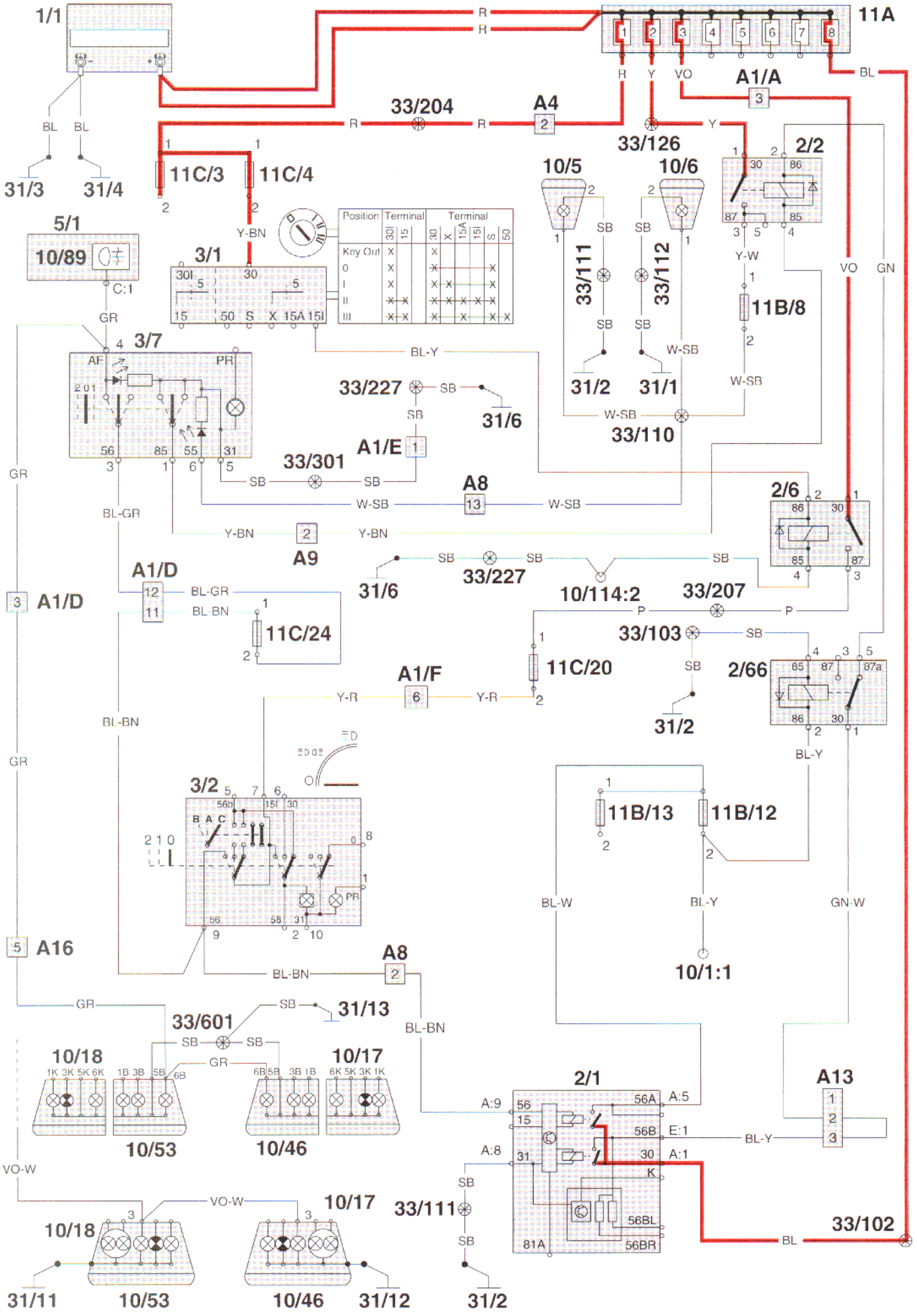
Beam width control



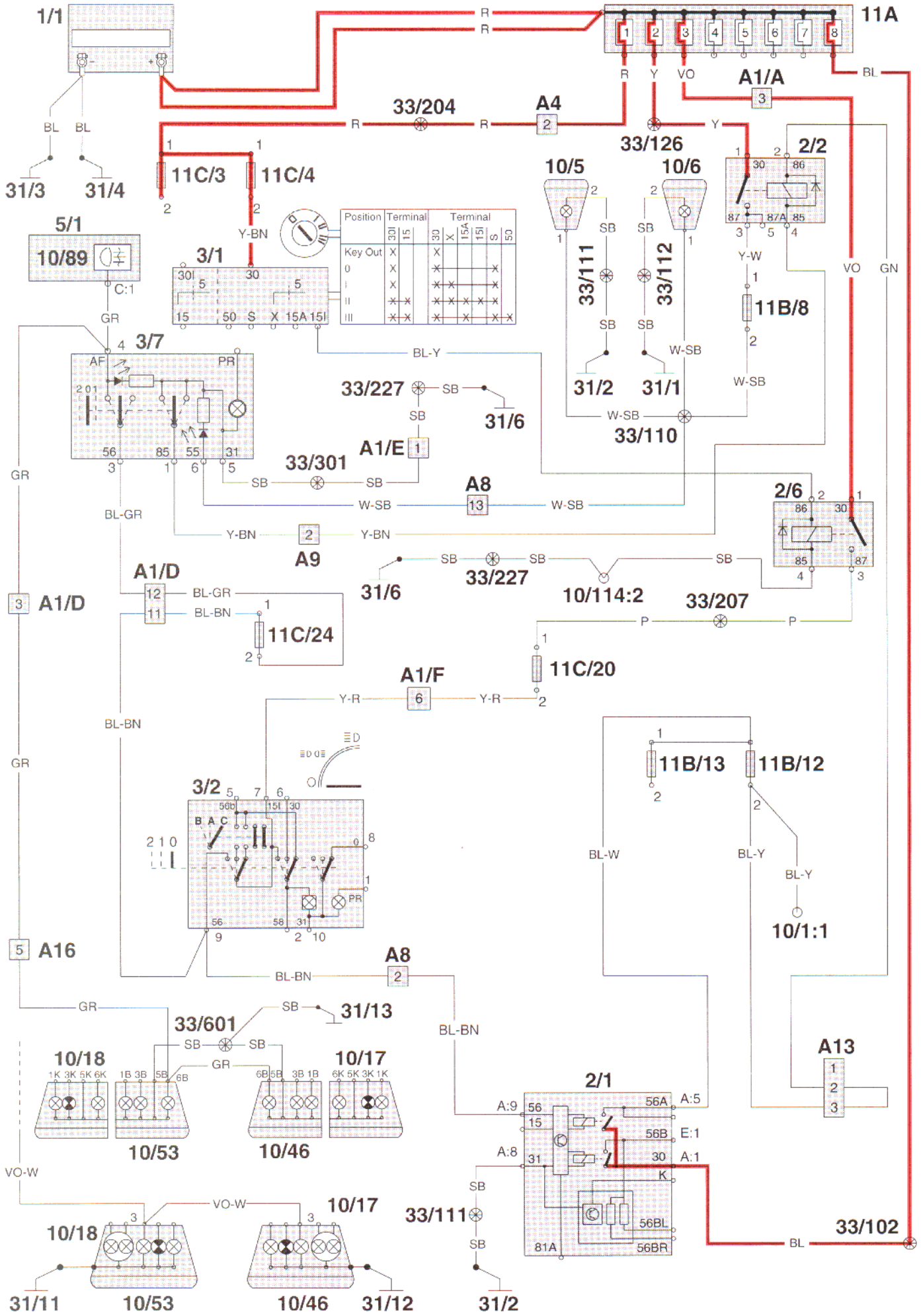
Fog lights


1/1
11A
R
R
R
Y
VO
A1/A
BL
33/204
A4
33/126
Y
BL
BL
31/3
31/4
11C/3
11C/4
10/5
10/6
2/2
Position
Terminal
Terminal
Key Out
0
I
II
III
5/1
10/89
C:1
3/1
Y-BN
33/111
33/112
SB
11B/8
Y-W
VO
GN
W-SB
31/2
31/1
GR
3/7
AF
PR
BL-Y
33/227
SB
31/6
A1/E
33/110
33/301
A8
W-SB
13
2/6
GR
BL-GR
Y-BN
A9
A1/D
12
11
BL-GR
BL-BN
11C/24
10/114:2
33/227
31/6
P
33/207
11C/20
A1/F
Y-R
6
BL-BN
33/102
BL
3/2
D5
2
GR
BL-W
2/61
33/103
34/42
SB
31/2
BL-R
11B/10
11B/11
5
A16
A8
4
BL-W
33/601
31/13
10/18
10/53
10/17
10/46
GR
W
33/113
10/10
10/9
A13
VO-W
GN
31/11
31/12

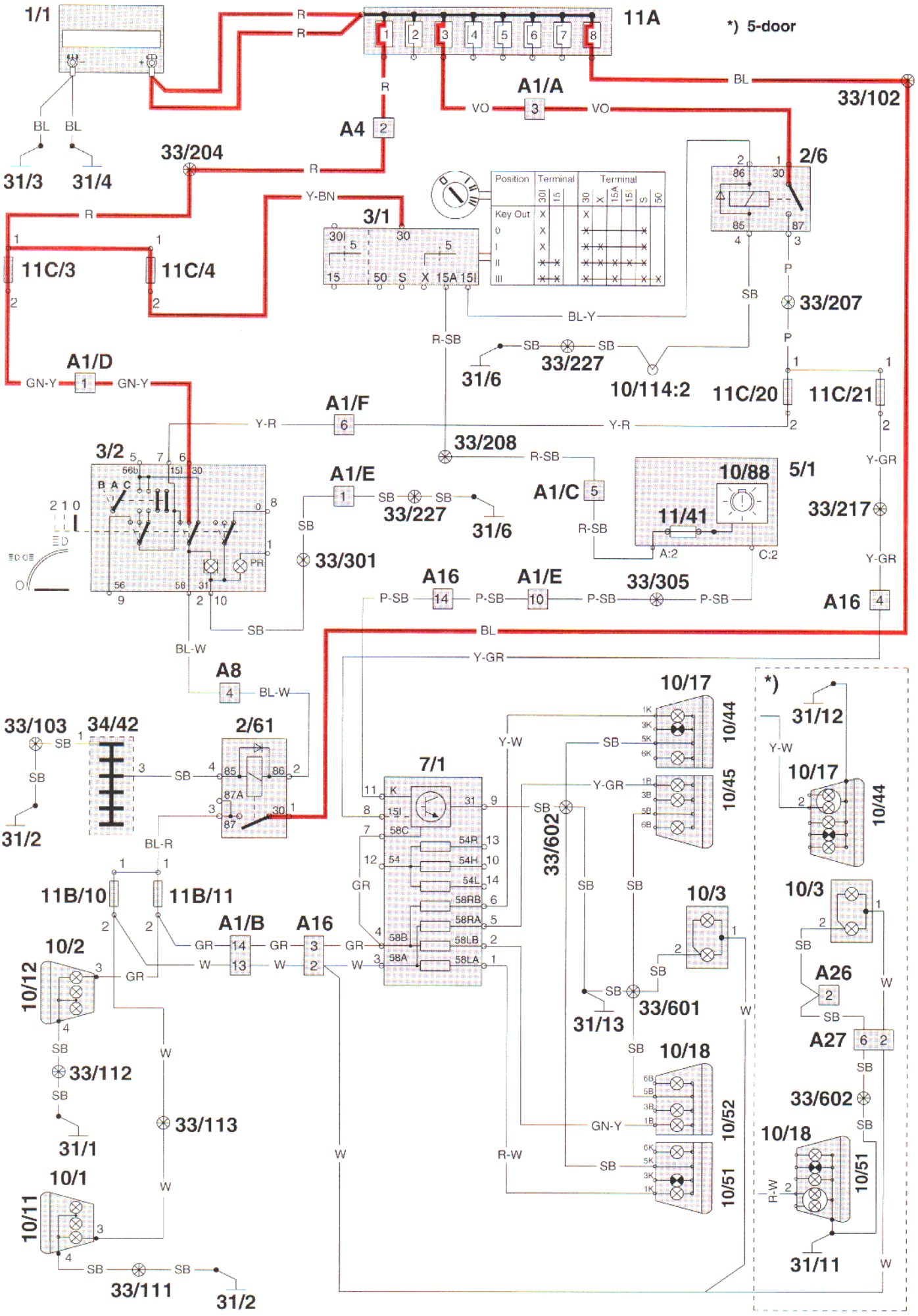
Fog lights USA



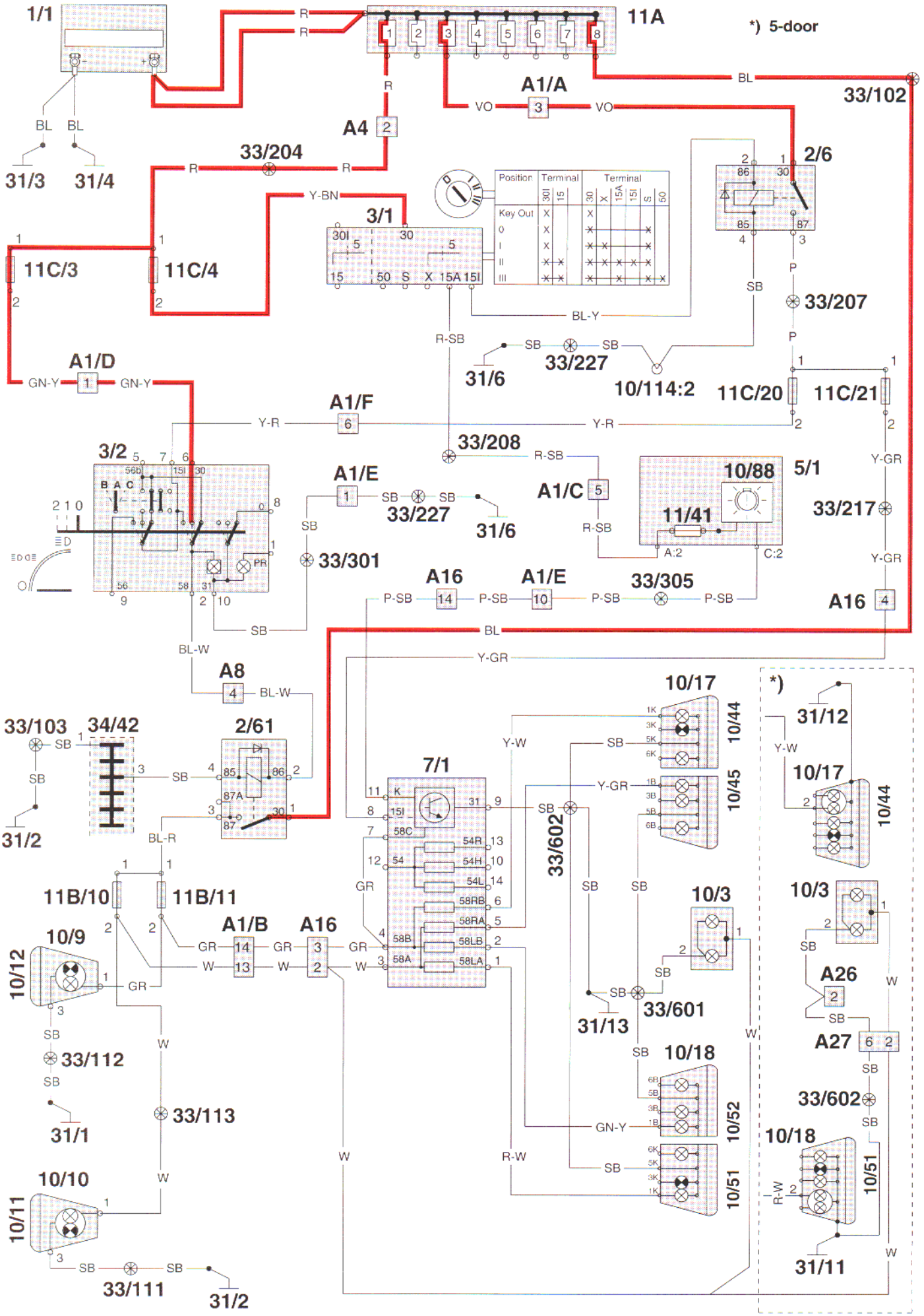
Fog lights Japan



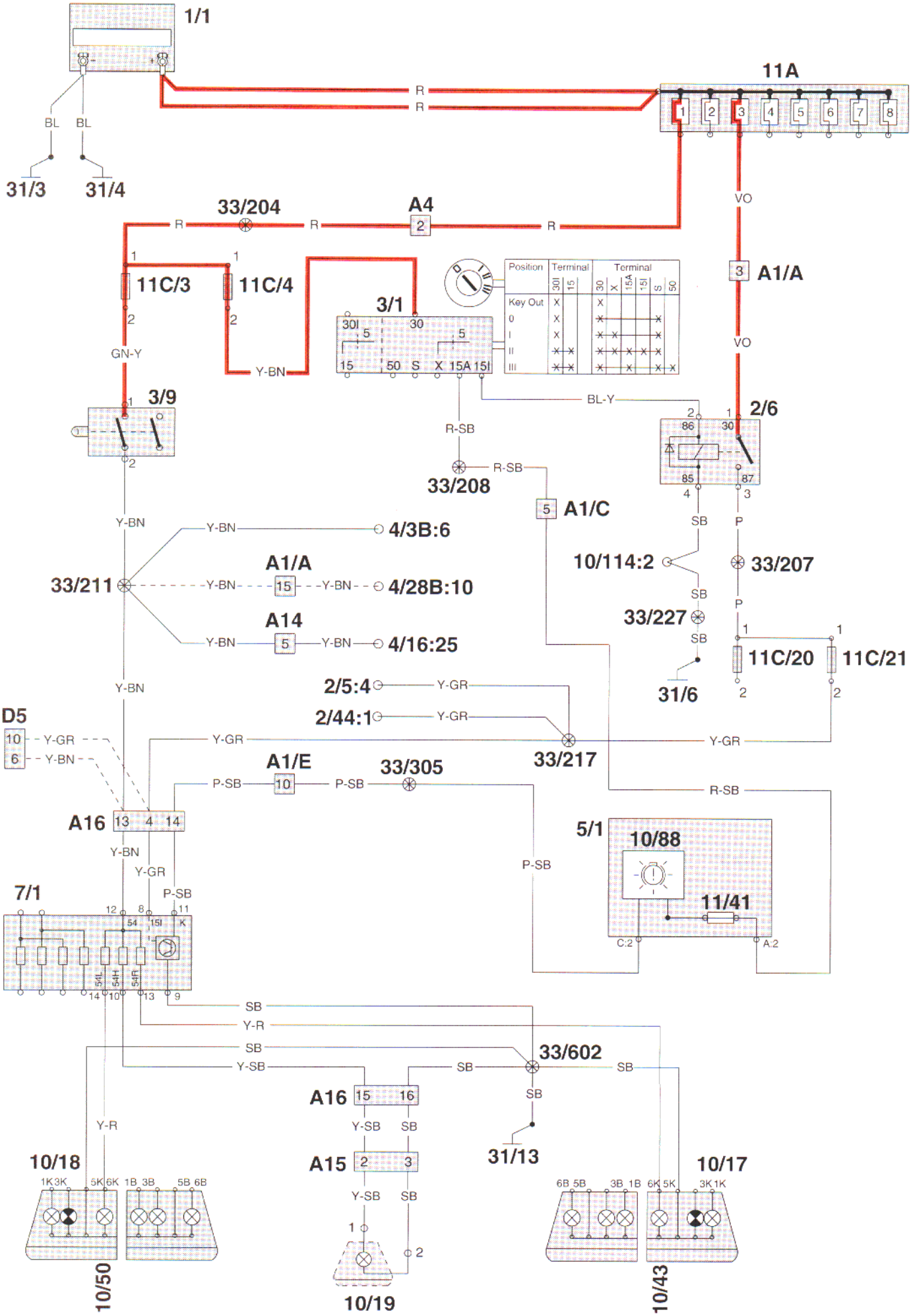
Parking lights, tail lights and license plate lights



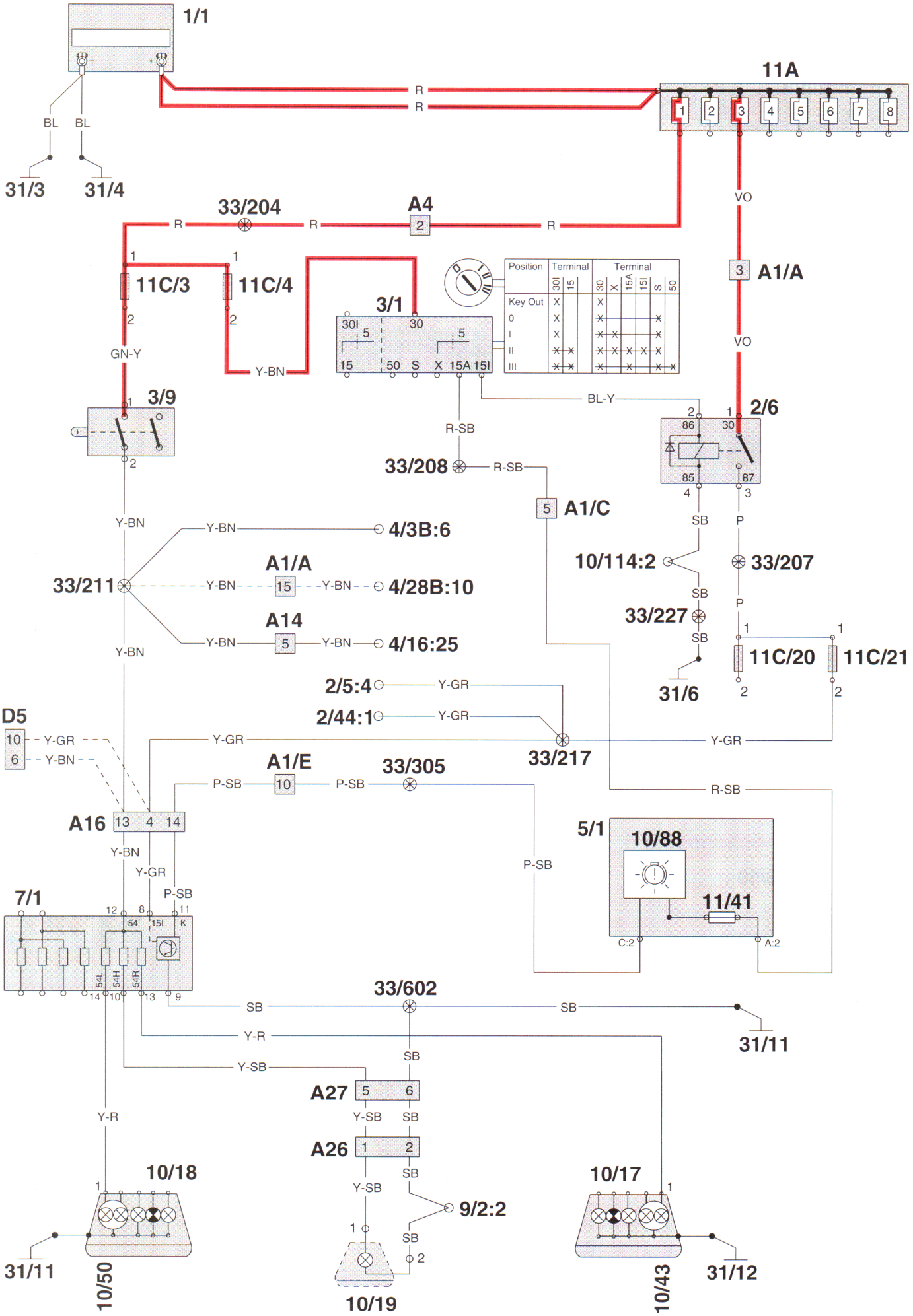
Parking lights, tail lights and license plate lights USA, Canada



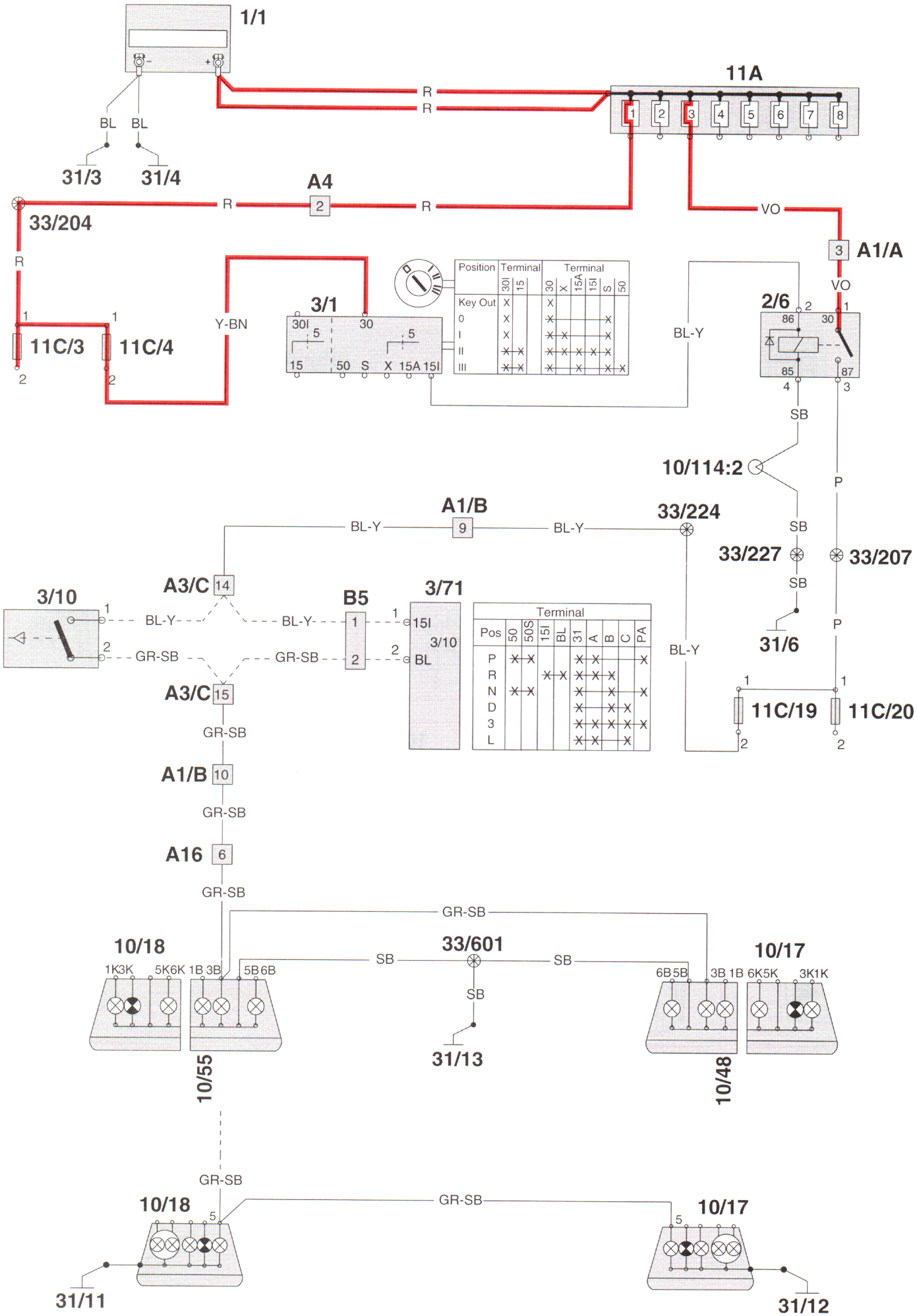
Stop (brake) light, 4-door



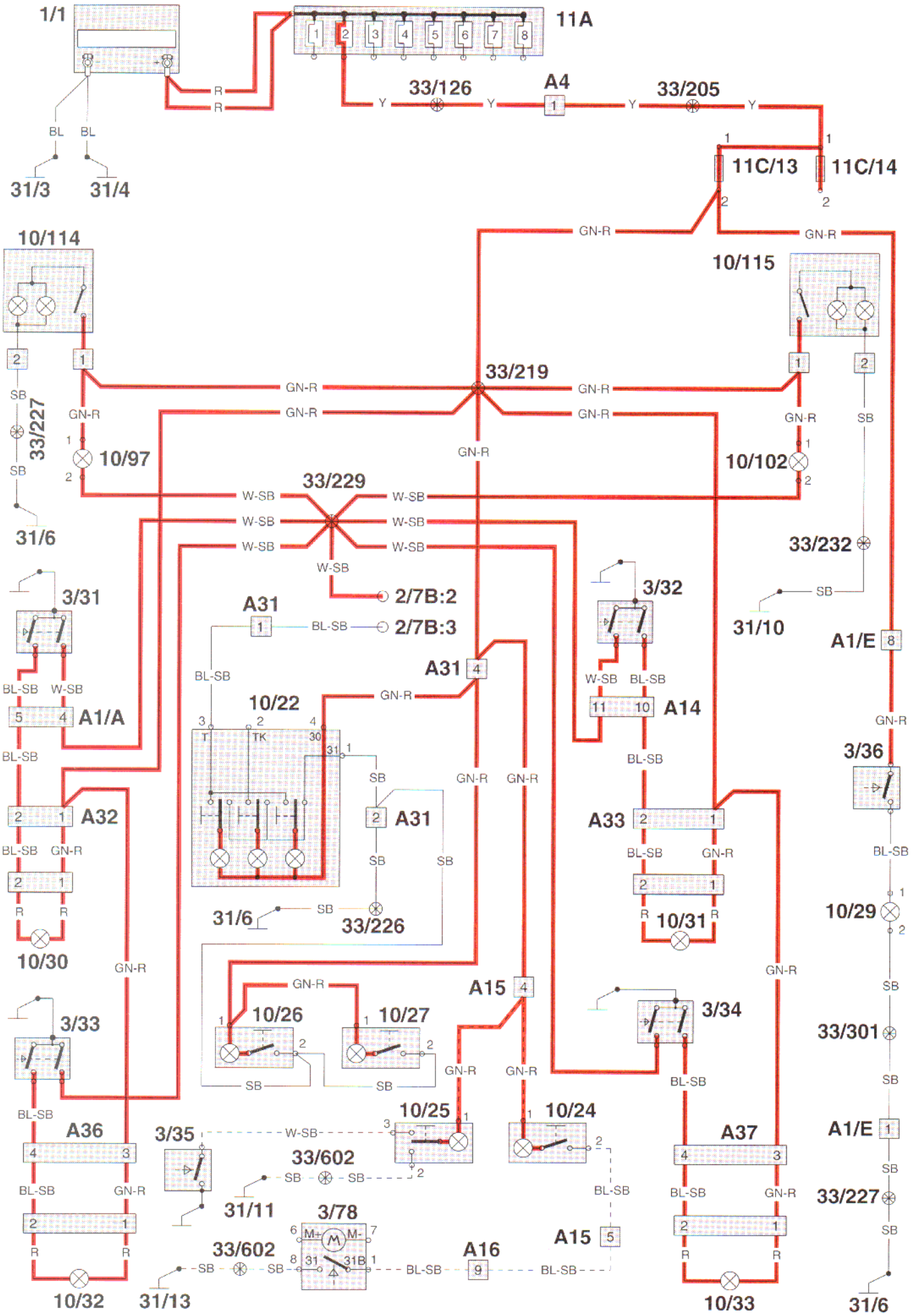
Stop (brake) light, 5-door



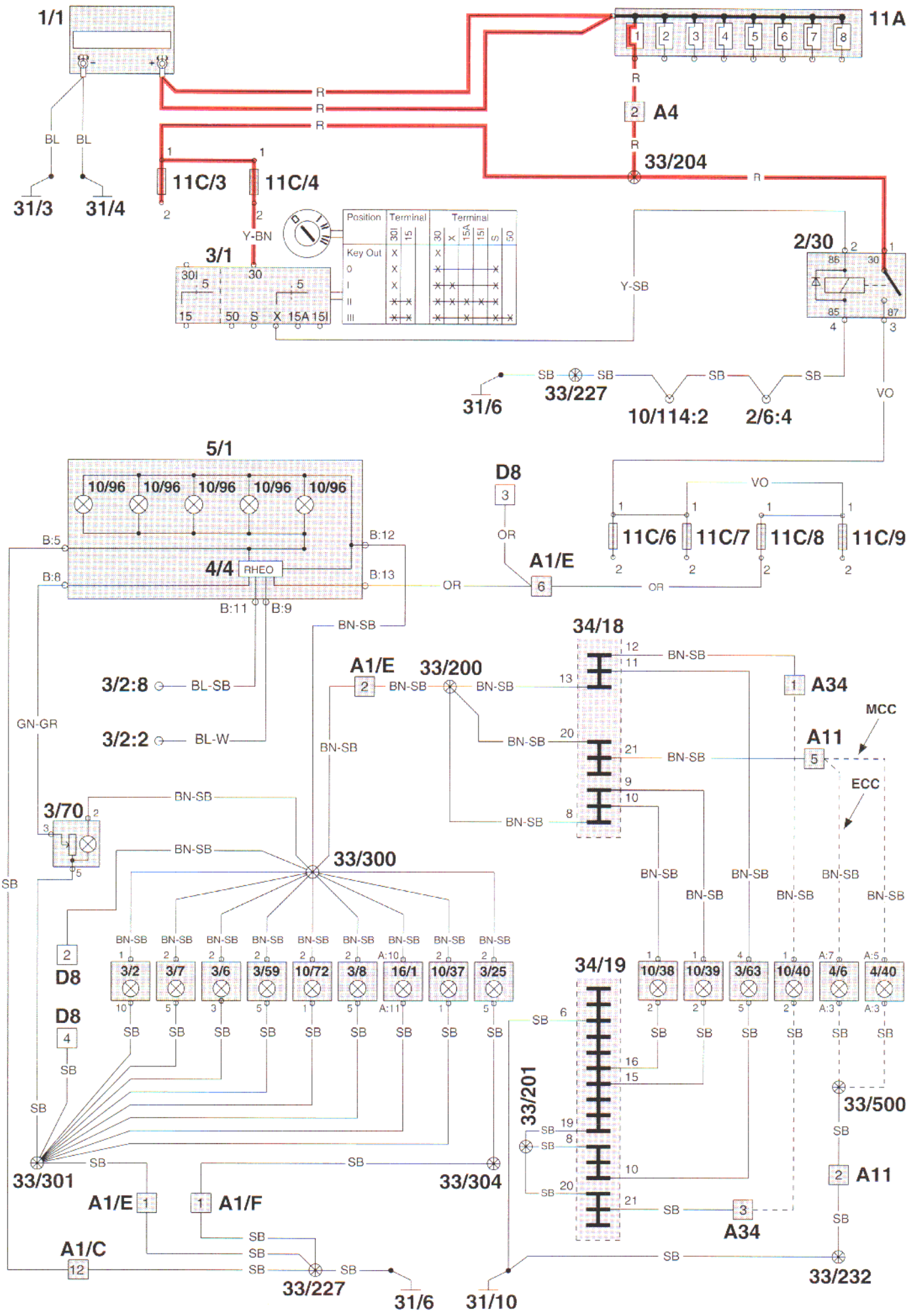
Backup (reversing) light



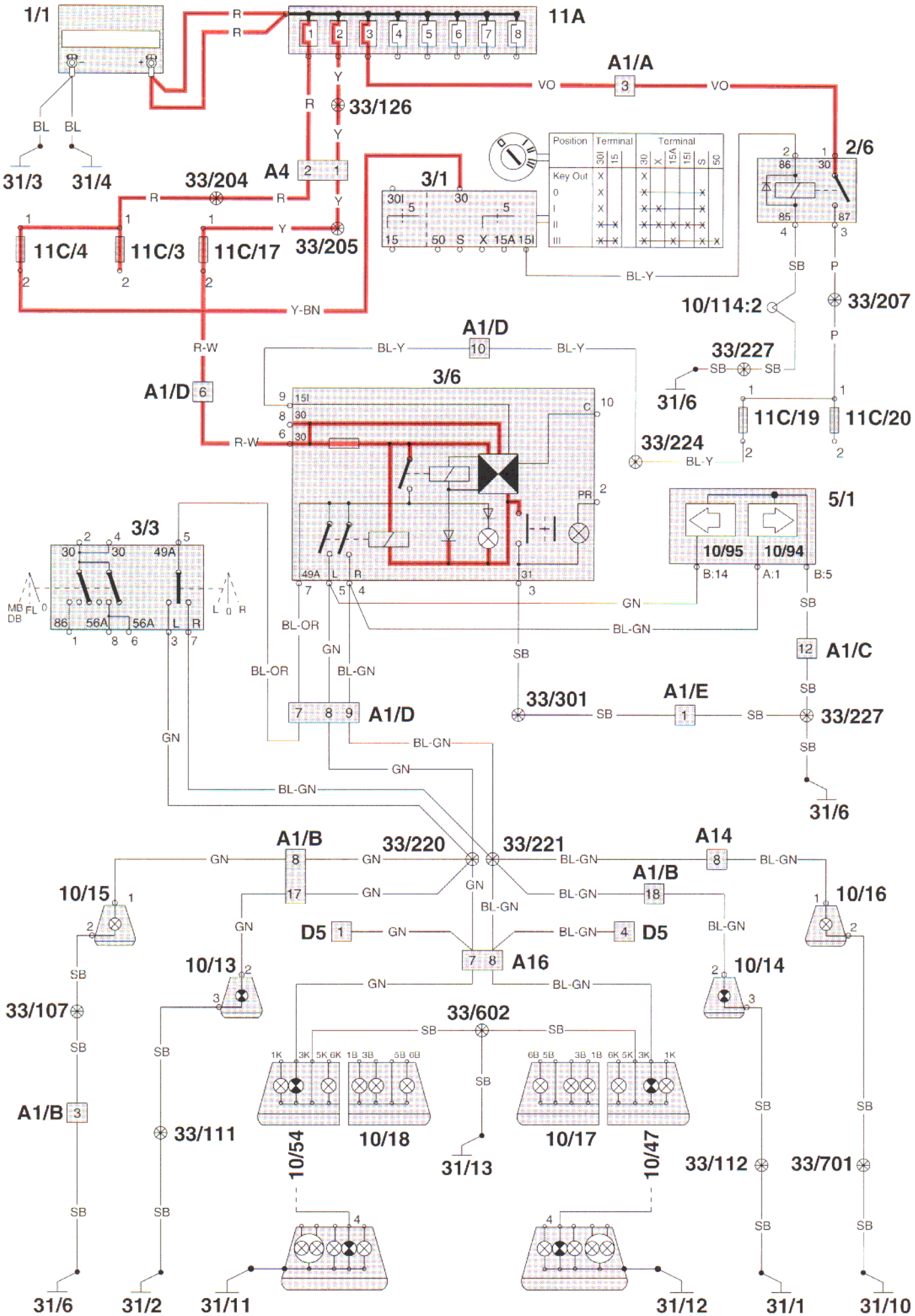
Interior, cargo area and door warning lights



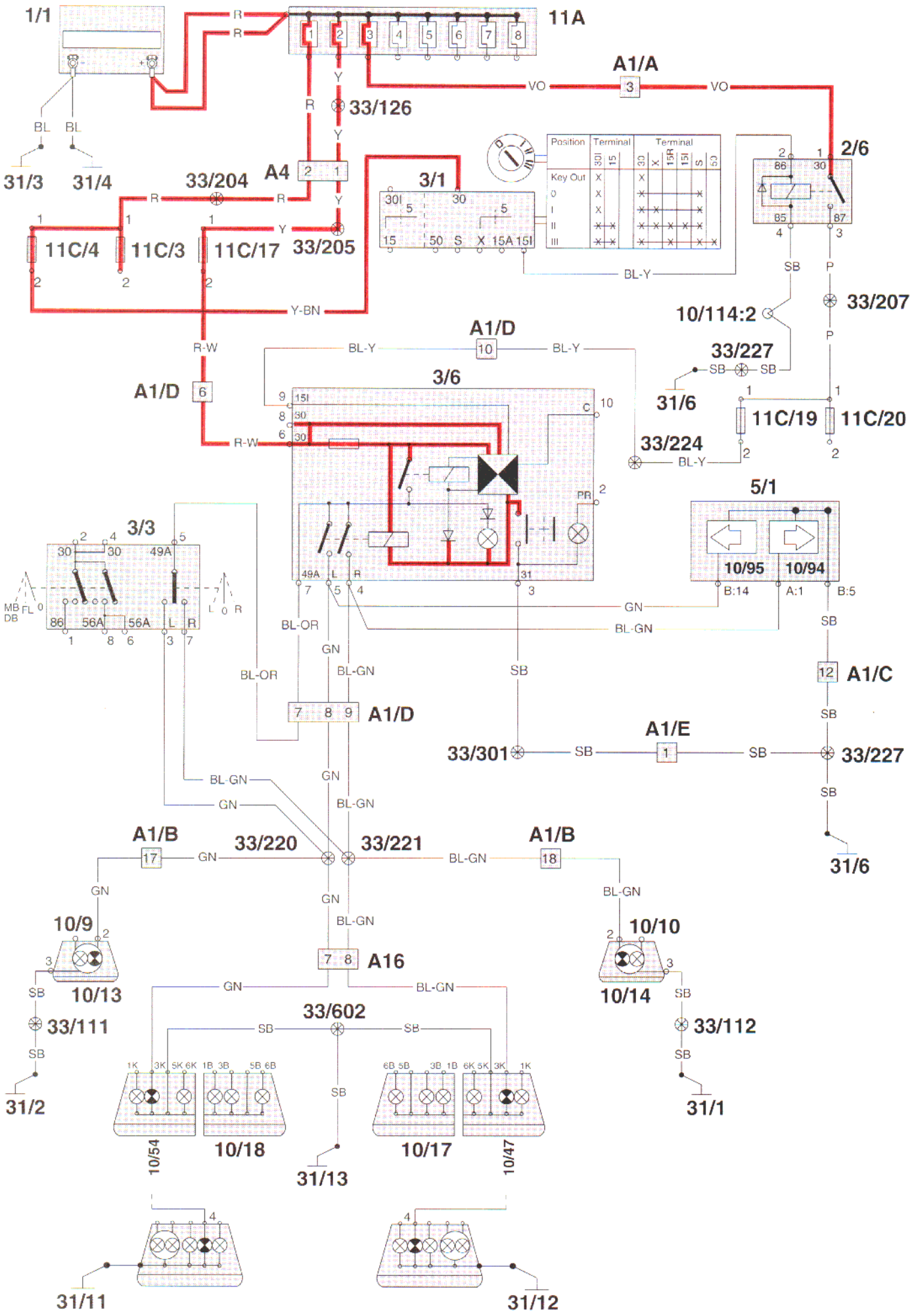
Instrumentation and controls lighting



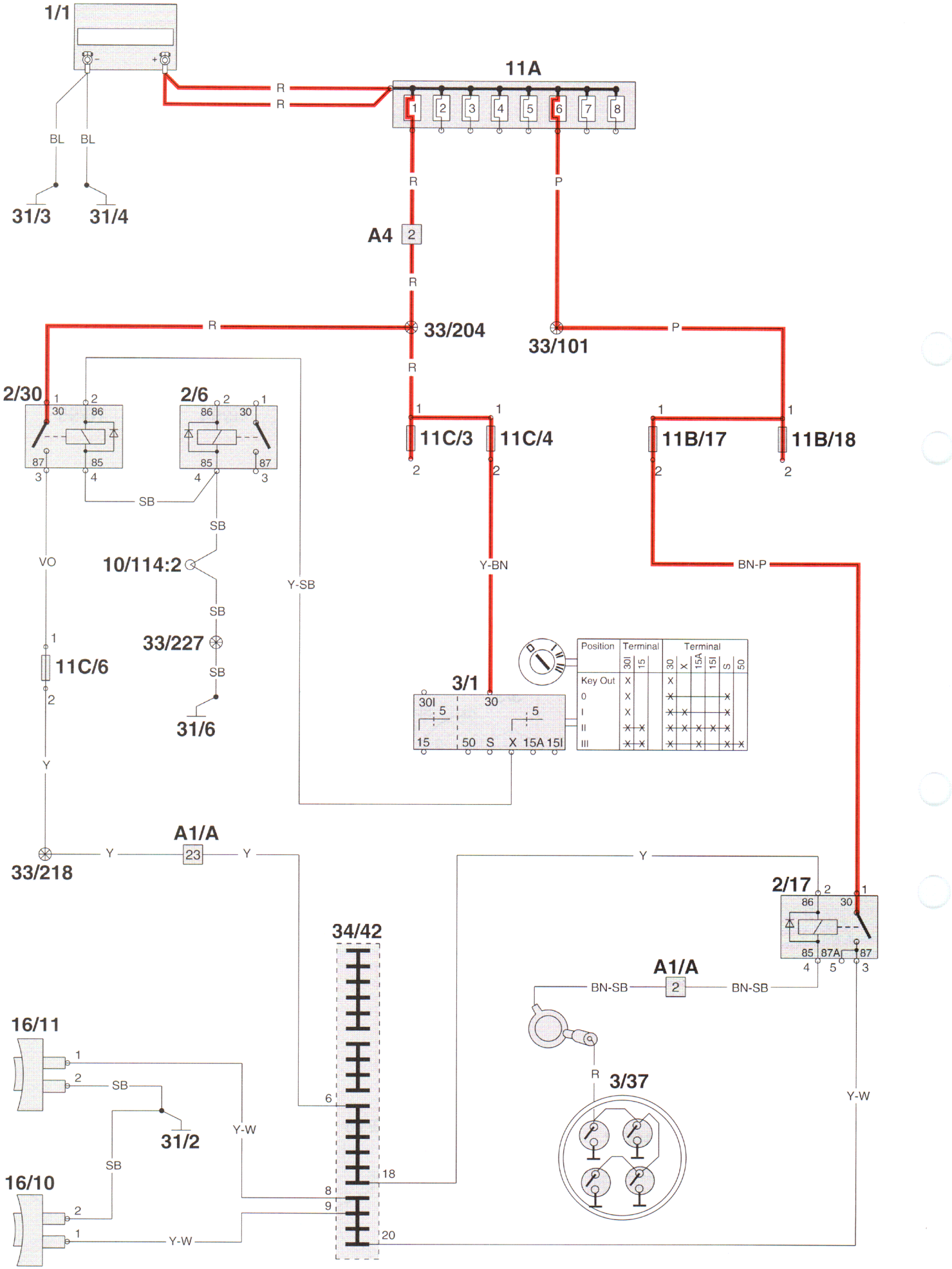
Turn indicator signal, hazard flashers



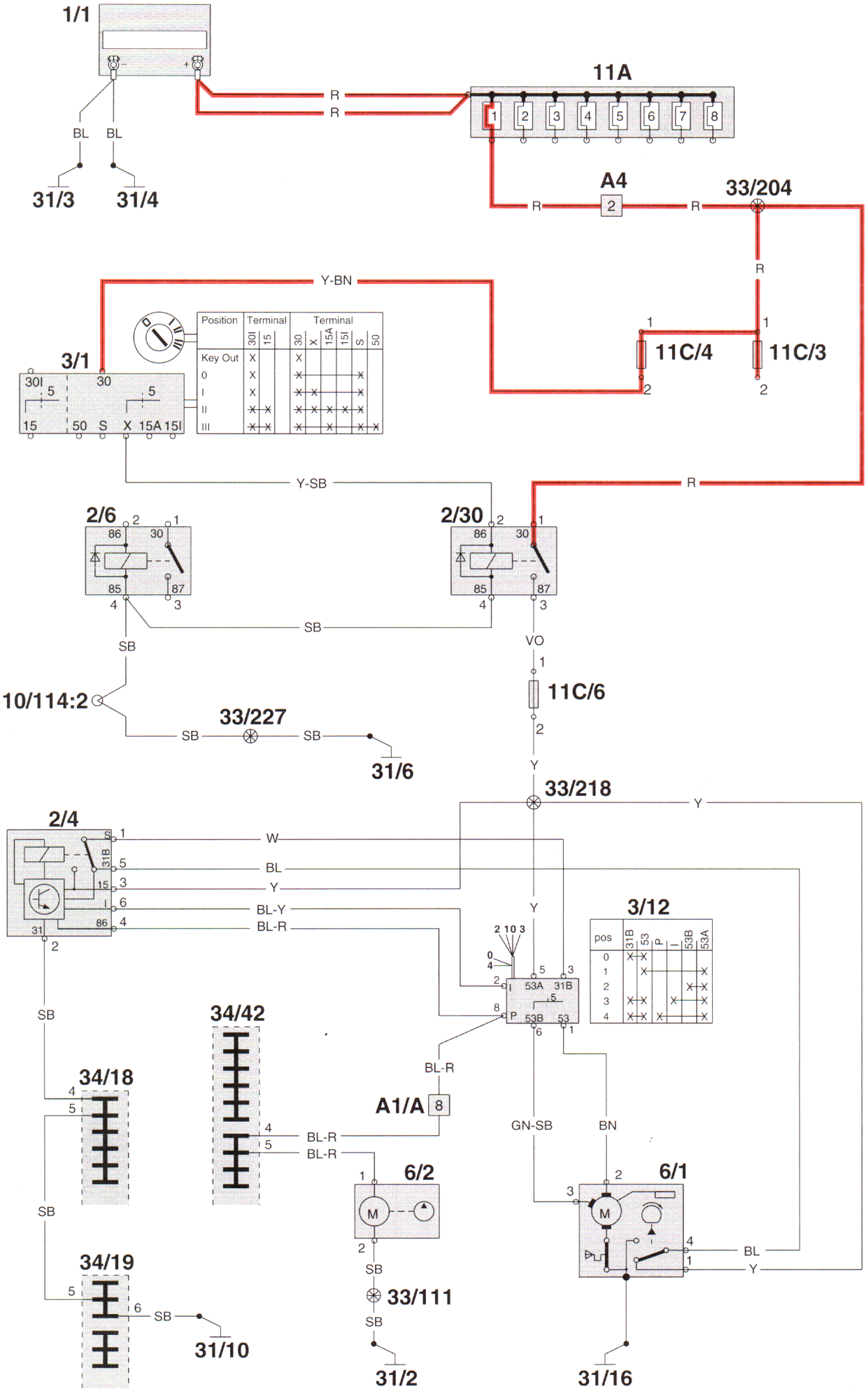
Turn indicator signal, hazard flashers USA/Canada



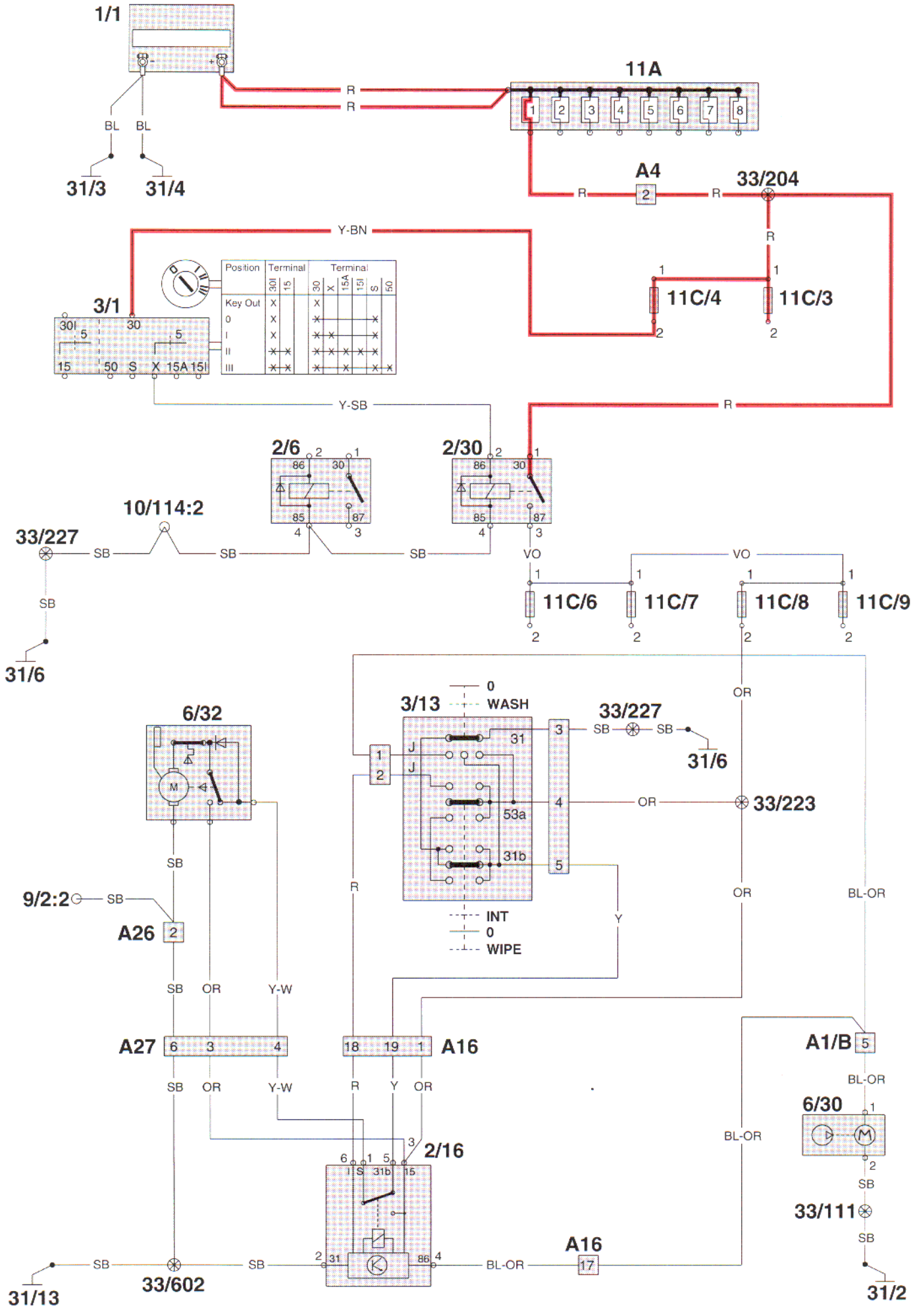
Horn


1/1
11A
R
R
BL
BL
31/3
31/4
A4
2
R
P
R
33/204
33/101
P
2/30
2/6
11C/3
11C/4
11B/17
11B/18
SB
SB
VO
10/114:2
Y-SB
Y-BN
BN-P
SB
33/227
SB
31/6
11C/6
Y
3/1
Position
Terminal
Key Out
0
I
II
III
A1/A
23
Y
Y
33/218
34/42
Y
2/17
A1/A
BN-SB
2
BN-SB
16/11
SB
31/2
Y-W
SB
16/10
Y-W
3/37
R
Y-W
6
8
9
18
20

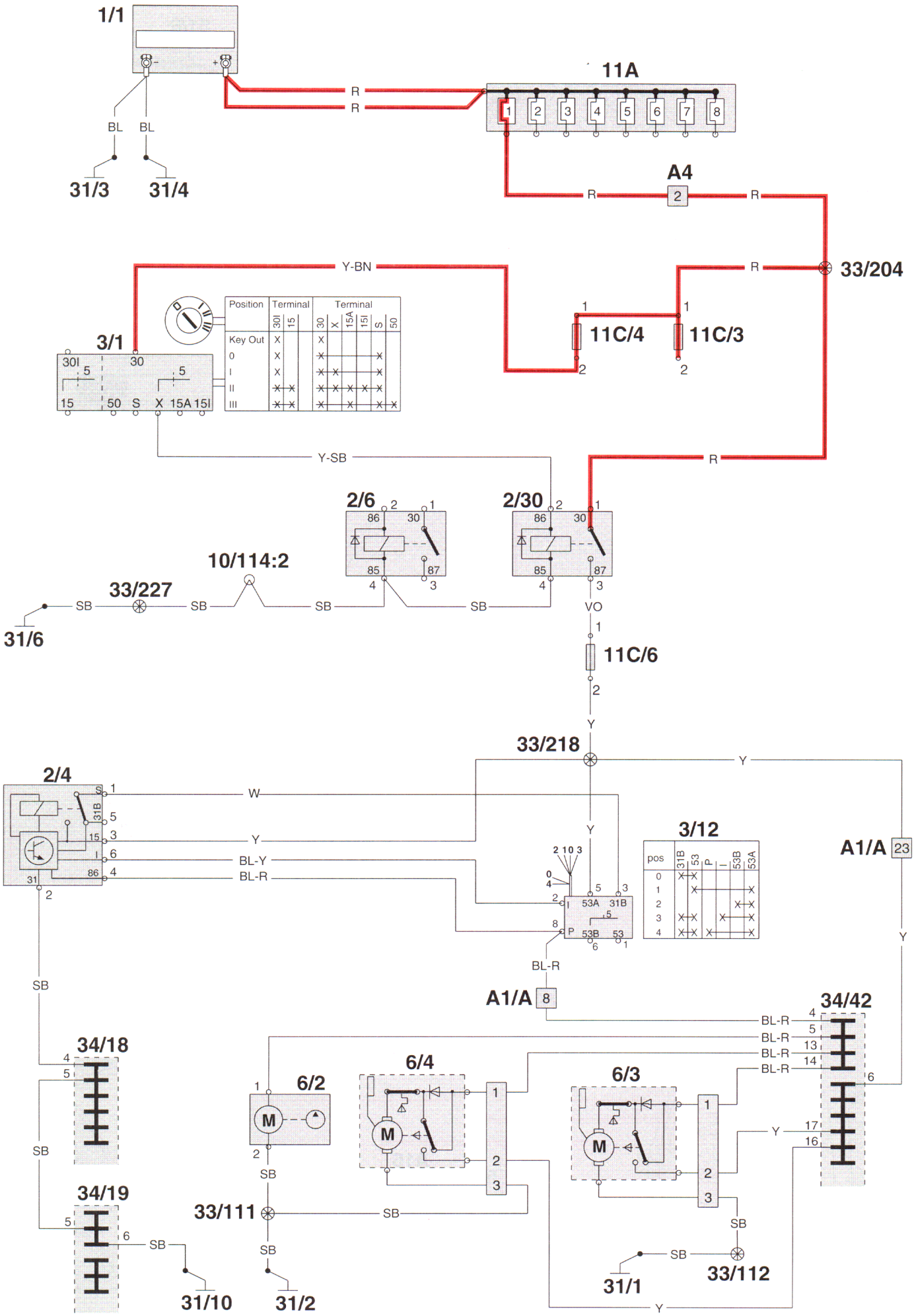
Windshield wash/wipe



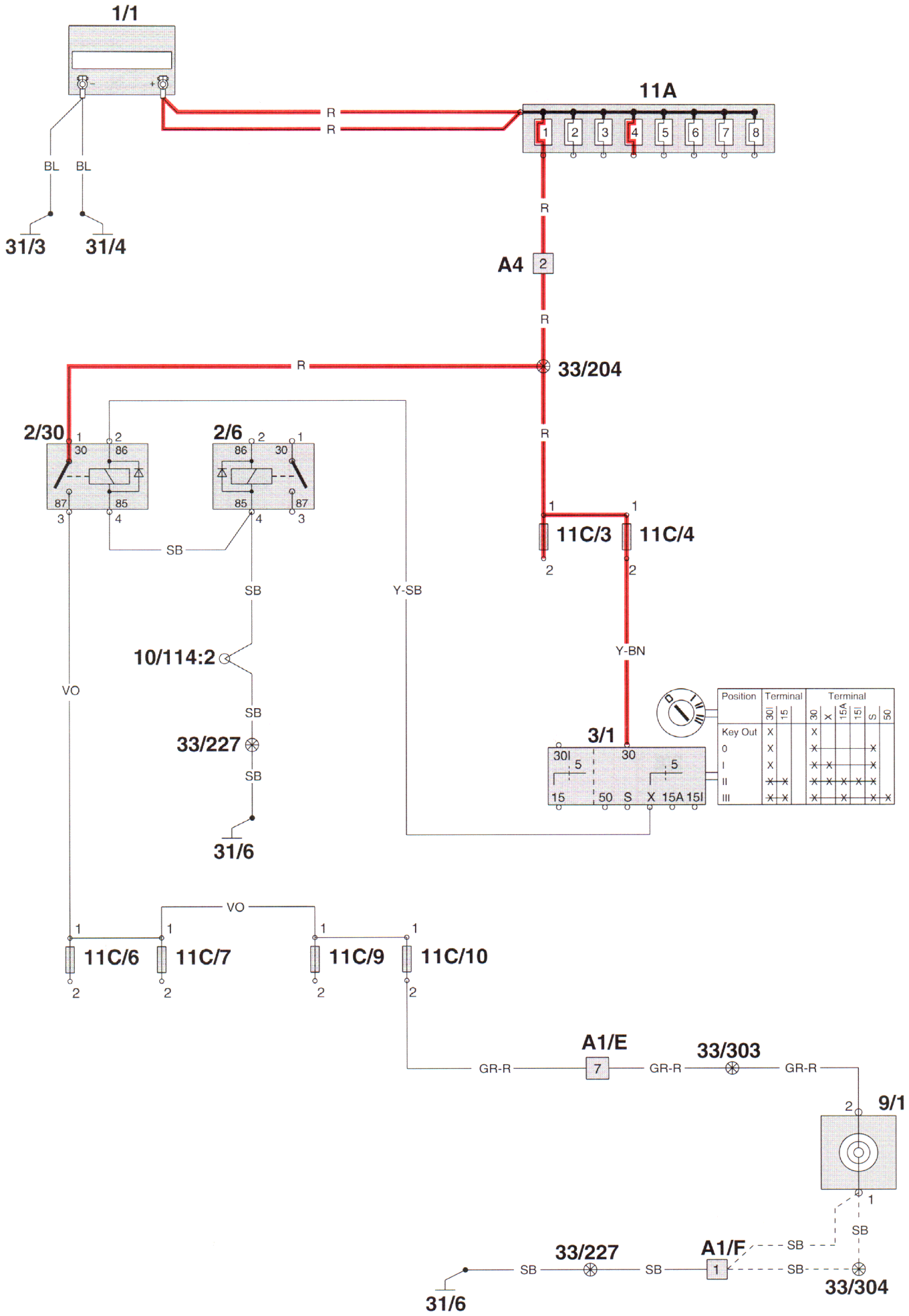
Tailgate wash/wipe



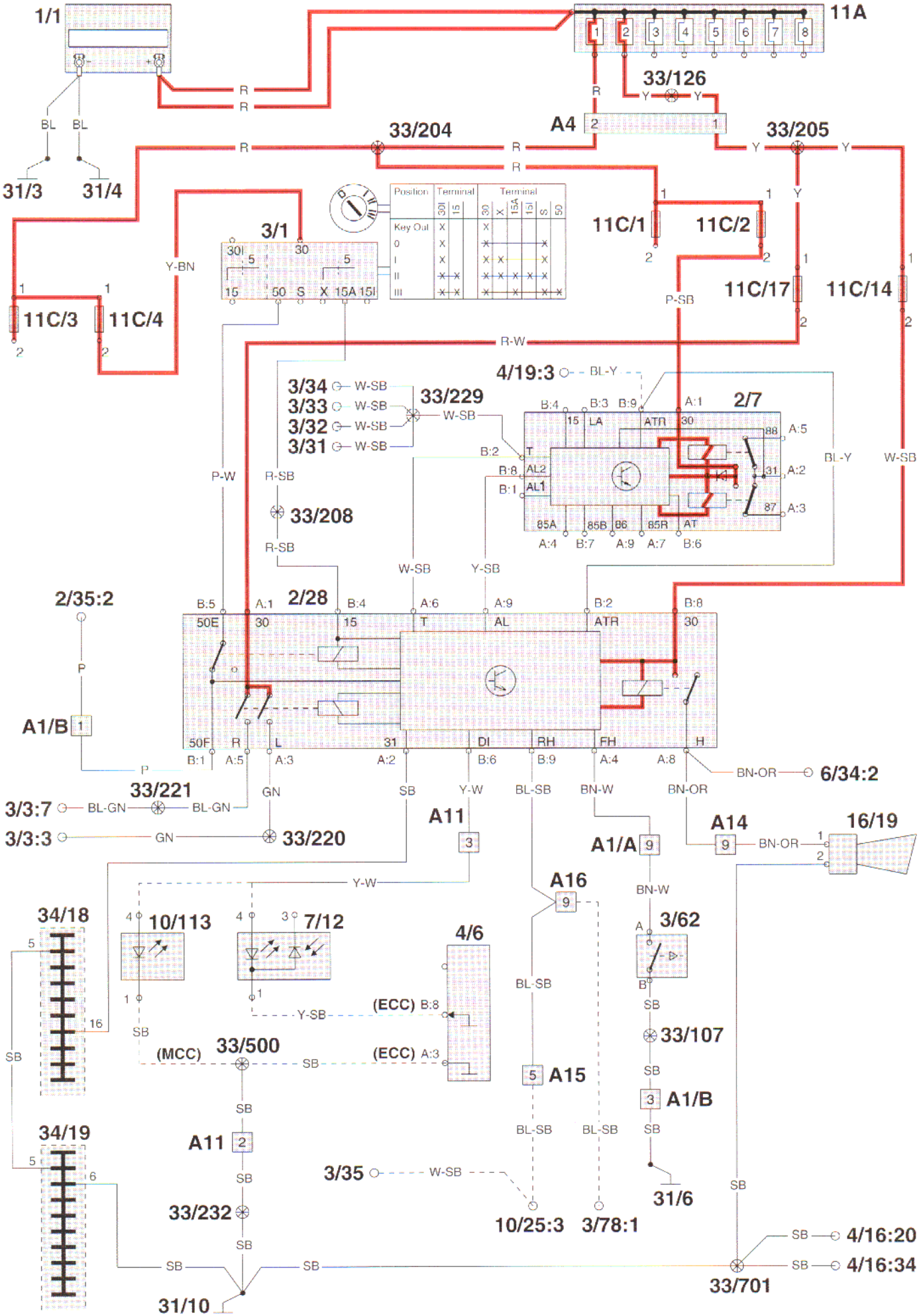
Headlamps wash/wipe

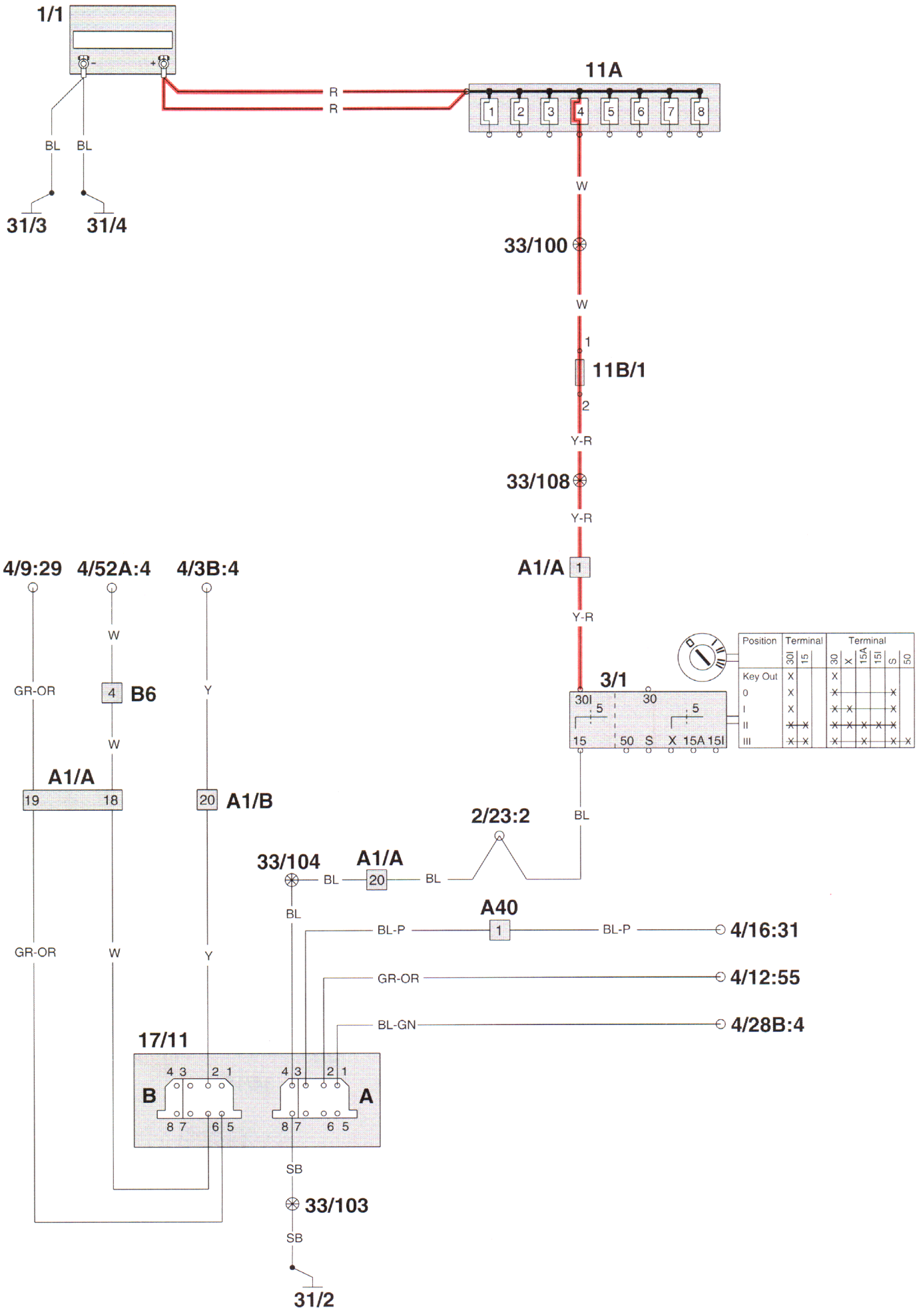


Cigar lighter

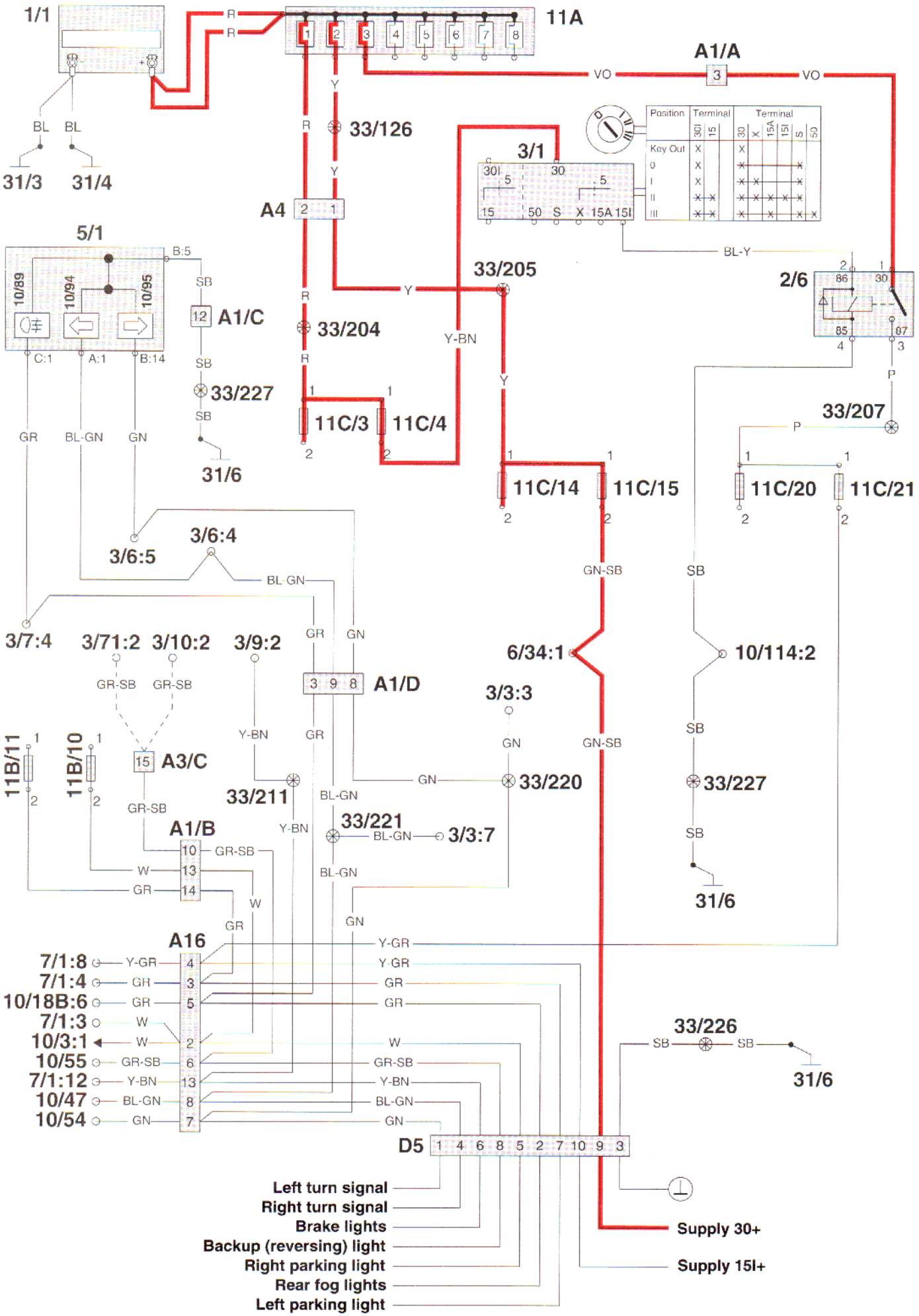


Car alarm system

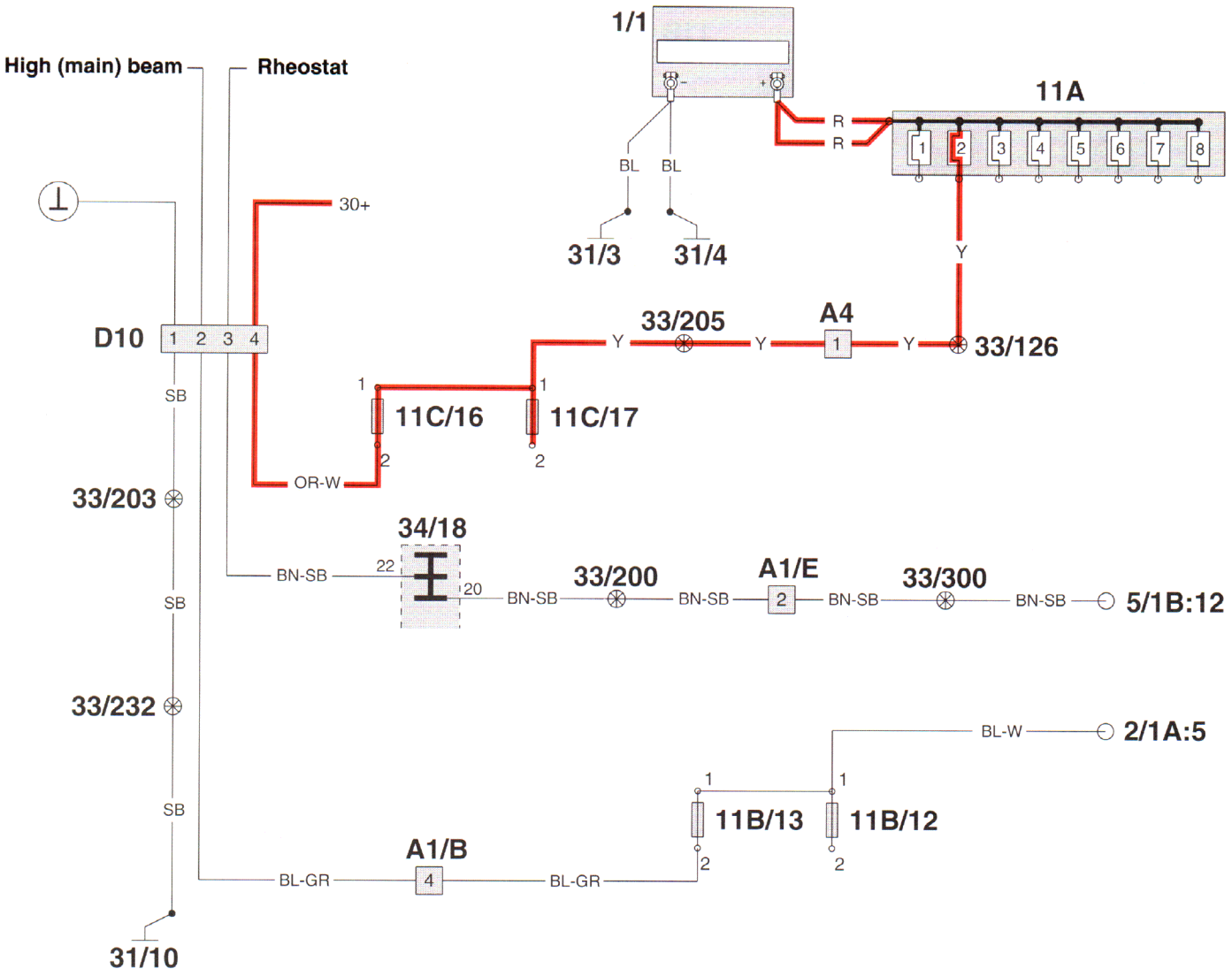



1/1
11A
R
R
BL
BL
31/3
31/4
1 2 3 4 5 6 7 8
W
33/100
W
1
11B/1
2
Y-R
33/108
Y-R
4/9:29
4/52A:4
4/3B:4
A1/A 1
Y-R
W
GR-OR
4 B6
Y
W
A1/A
19 18
20 A1/B
3/1
Position
Terminal
Terminal
30l 15
30 X 15A 15l S 50
Key Out
0
I
II
III
30l 5
30
5
15
50 S X 15A 15l
2/23:2
BL
33/104
BL
A1/A
20
BL
BL
A40
1
BL-P
BL-P
4/16:31
GR-OR
4/12:55
BL-GN
4/28B:4
GR-OR
W
Y
17/11
B
A
4 3 2 1
8 7 6 5
SB
33/103
SB
31/2

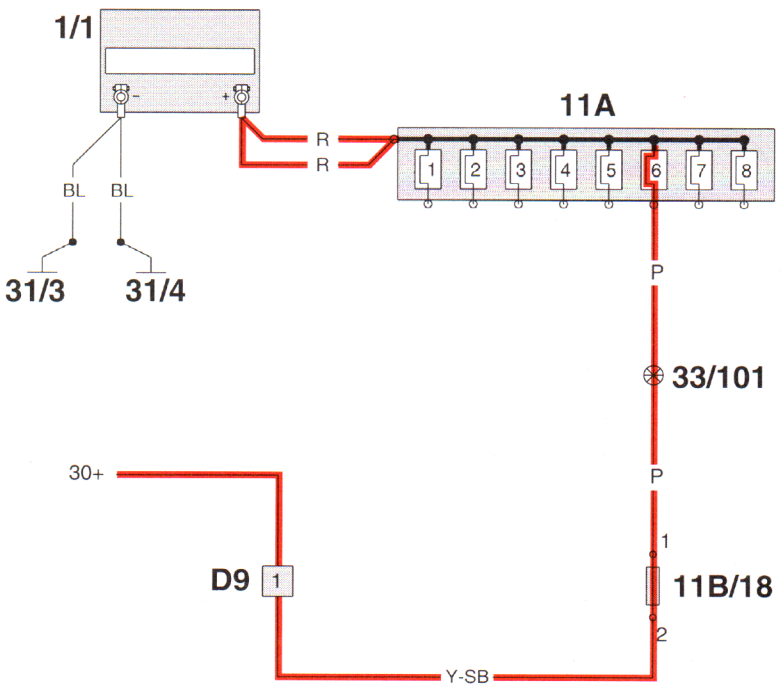
Tow hitch harness



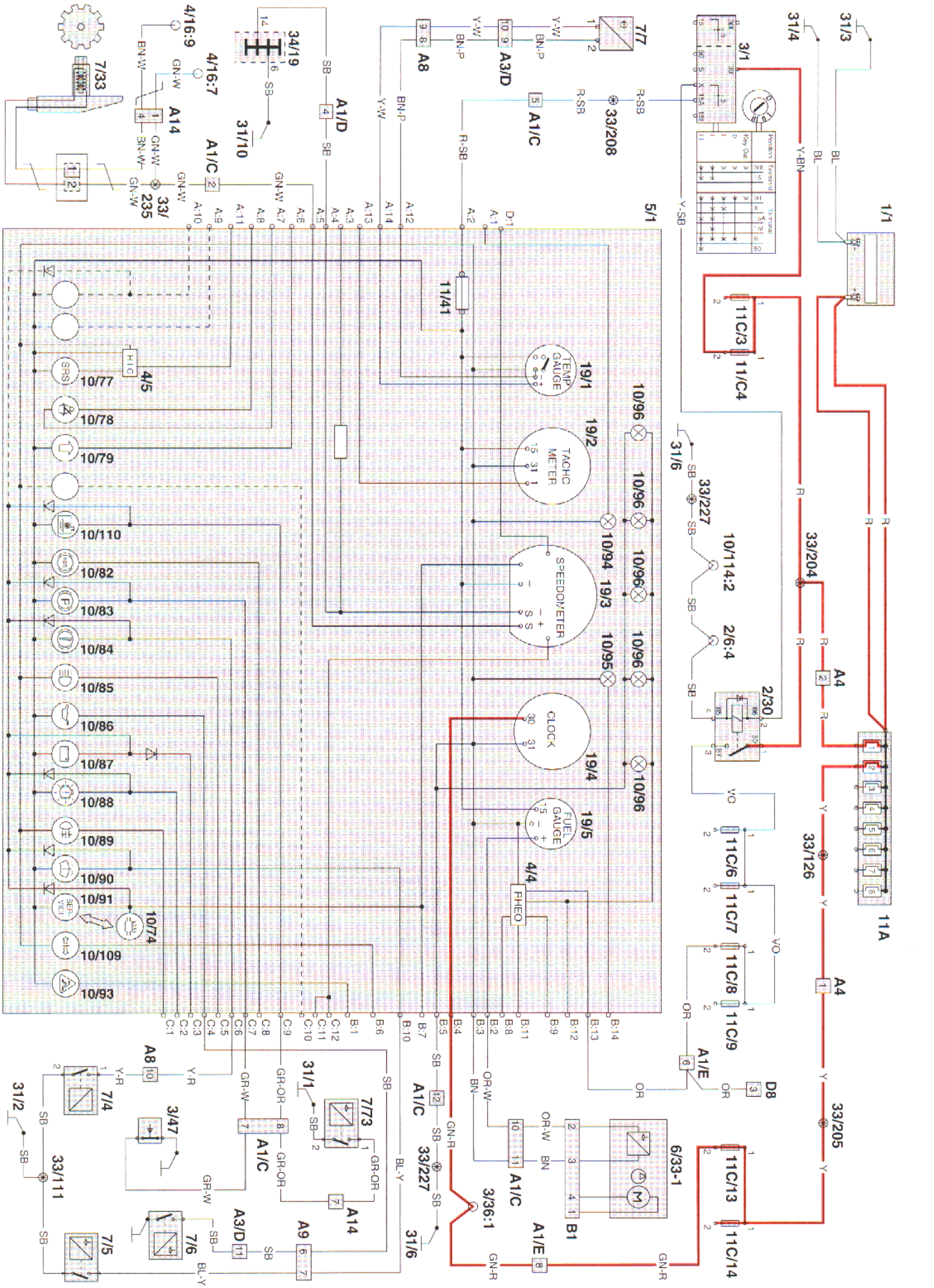
Accessories harness



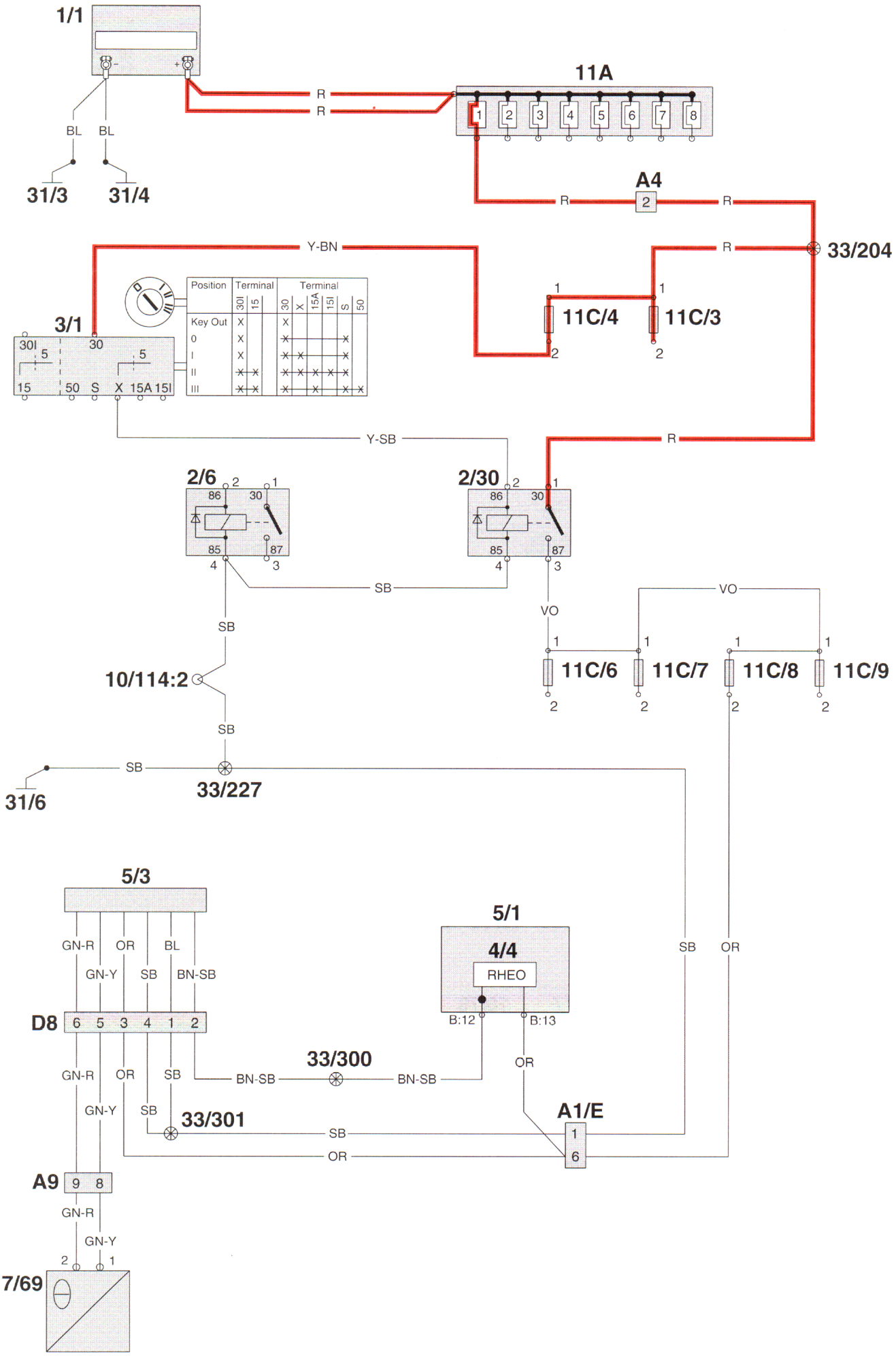
For extra lights



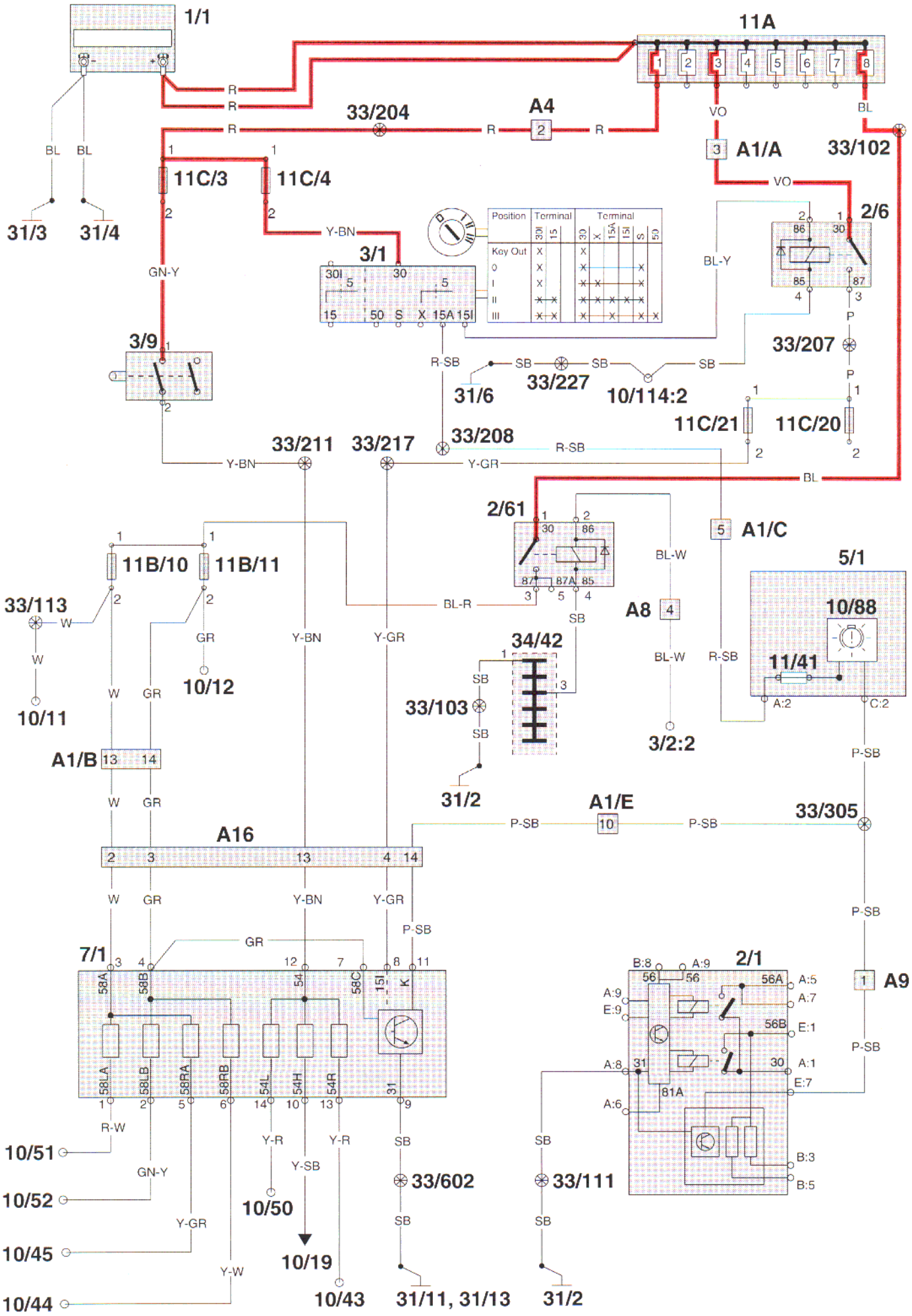
Combined instrument



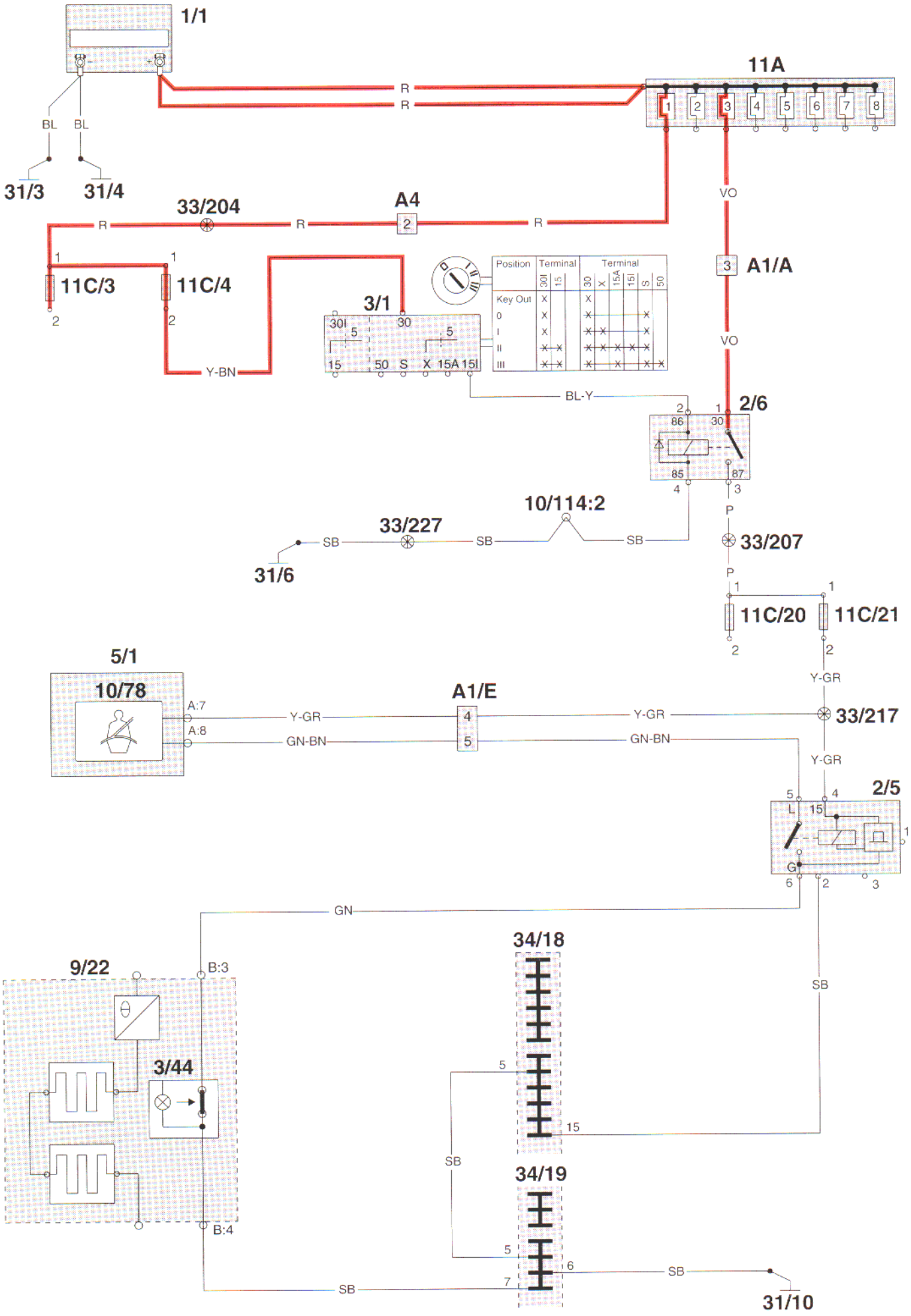
Outer temperature sensor



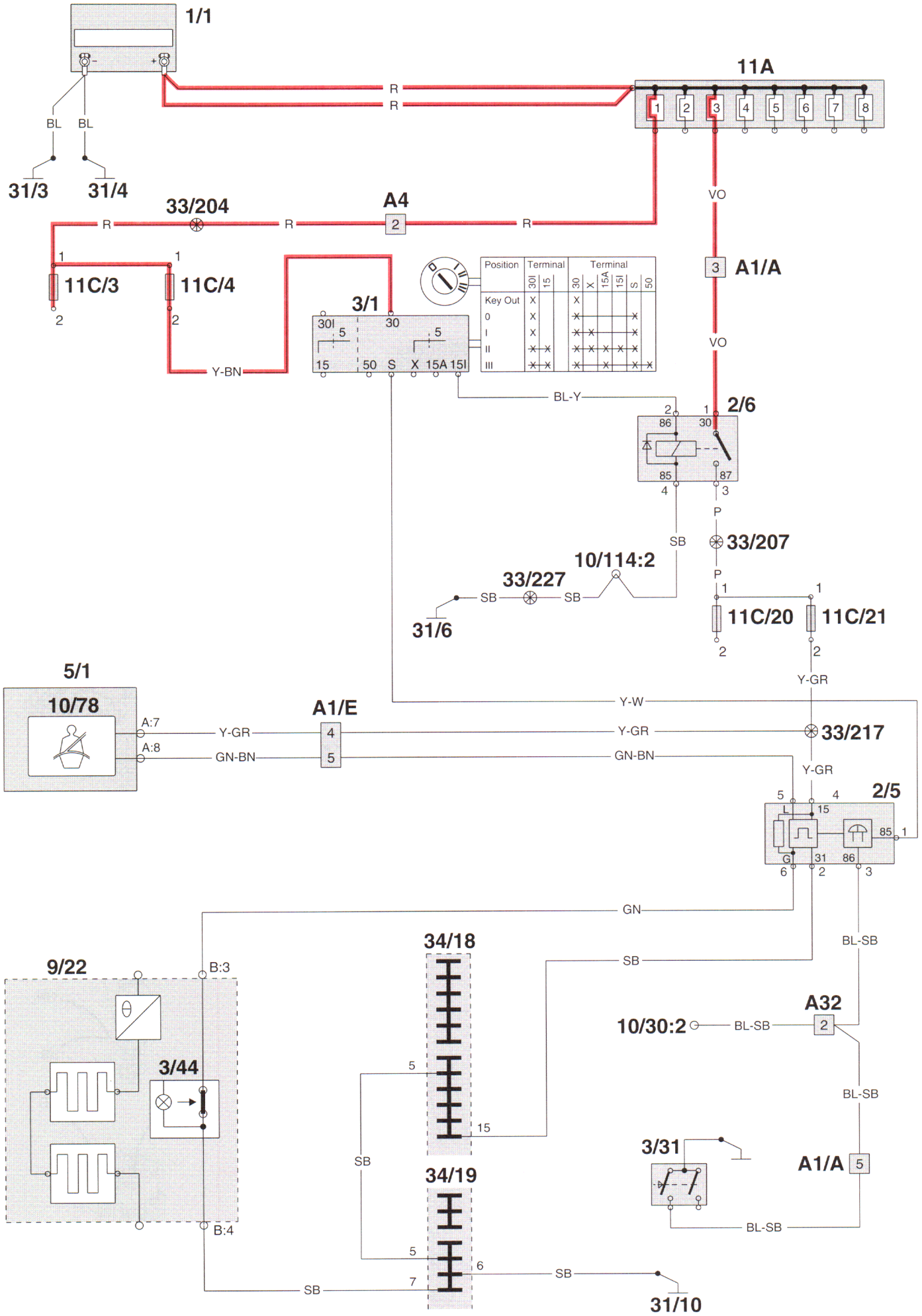
Bulb failure warning sensor



Seat belt reminder

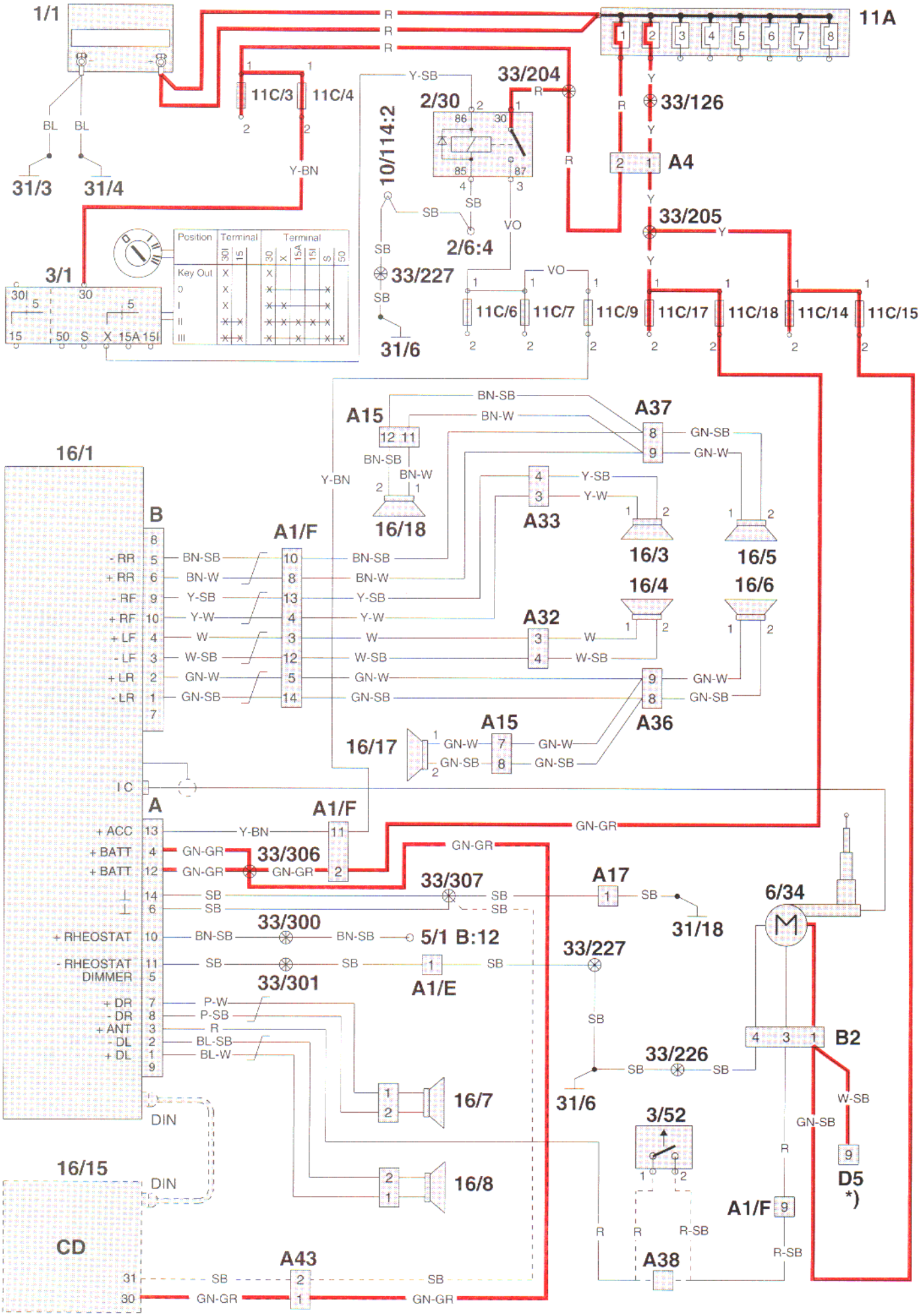


Seat belt reminder and key reminder USA/Canada and Korea



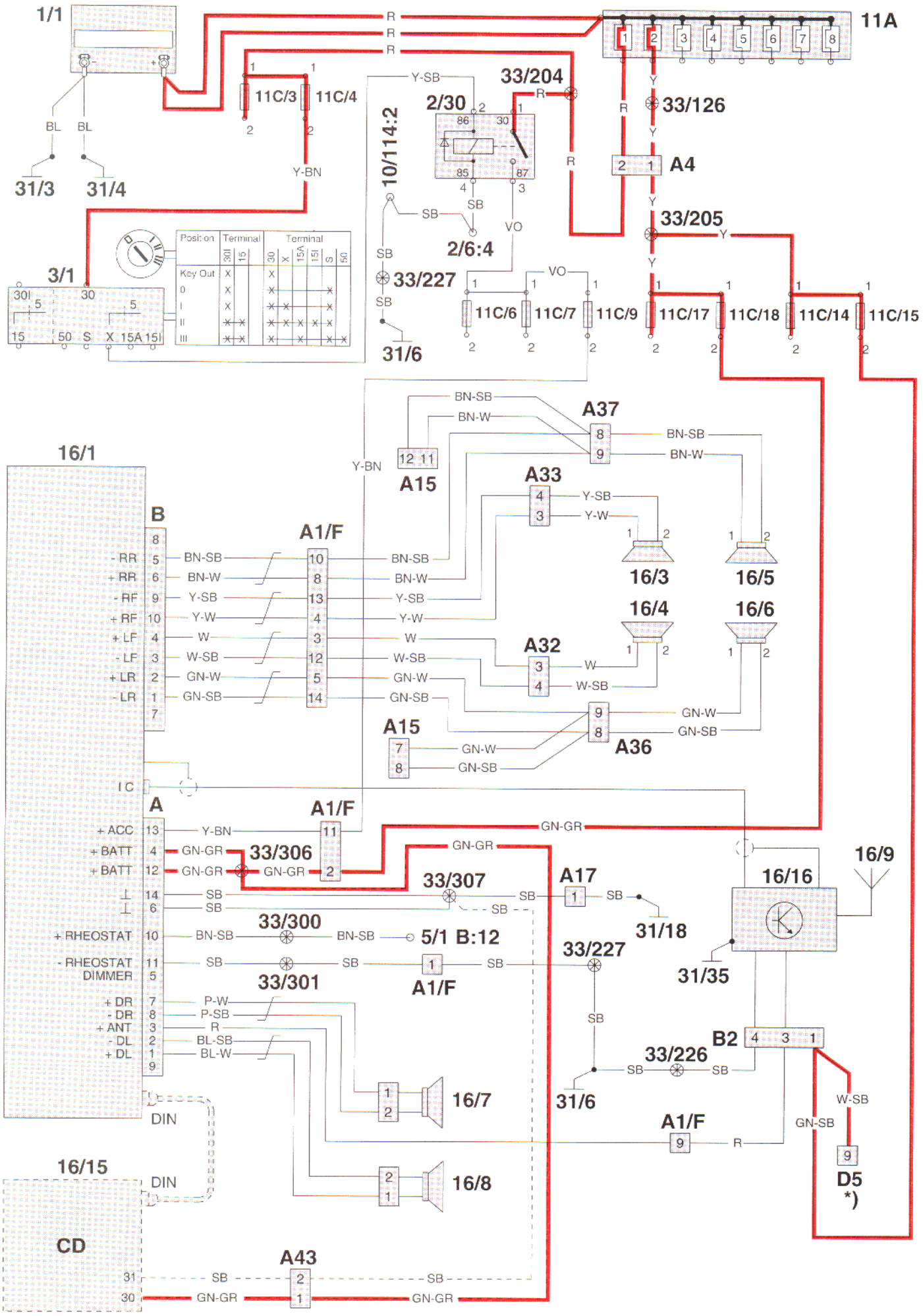
Radio connections, 4-door

*) Not for USA/CDN

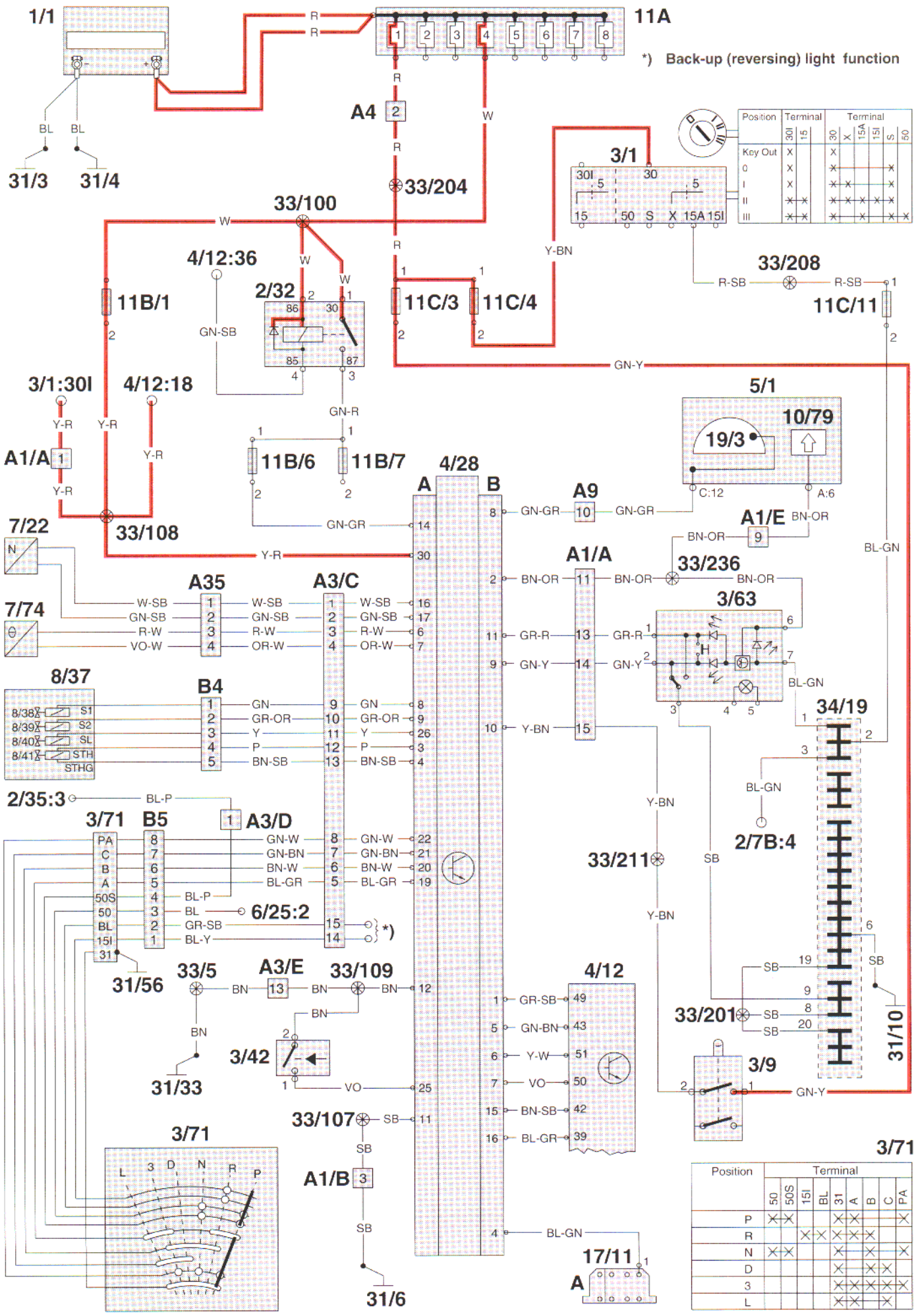


Radio connections, 5-door

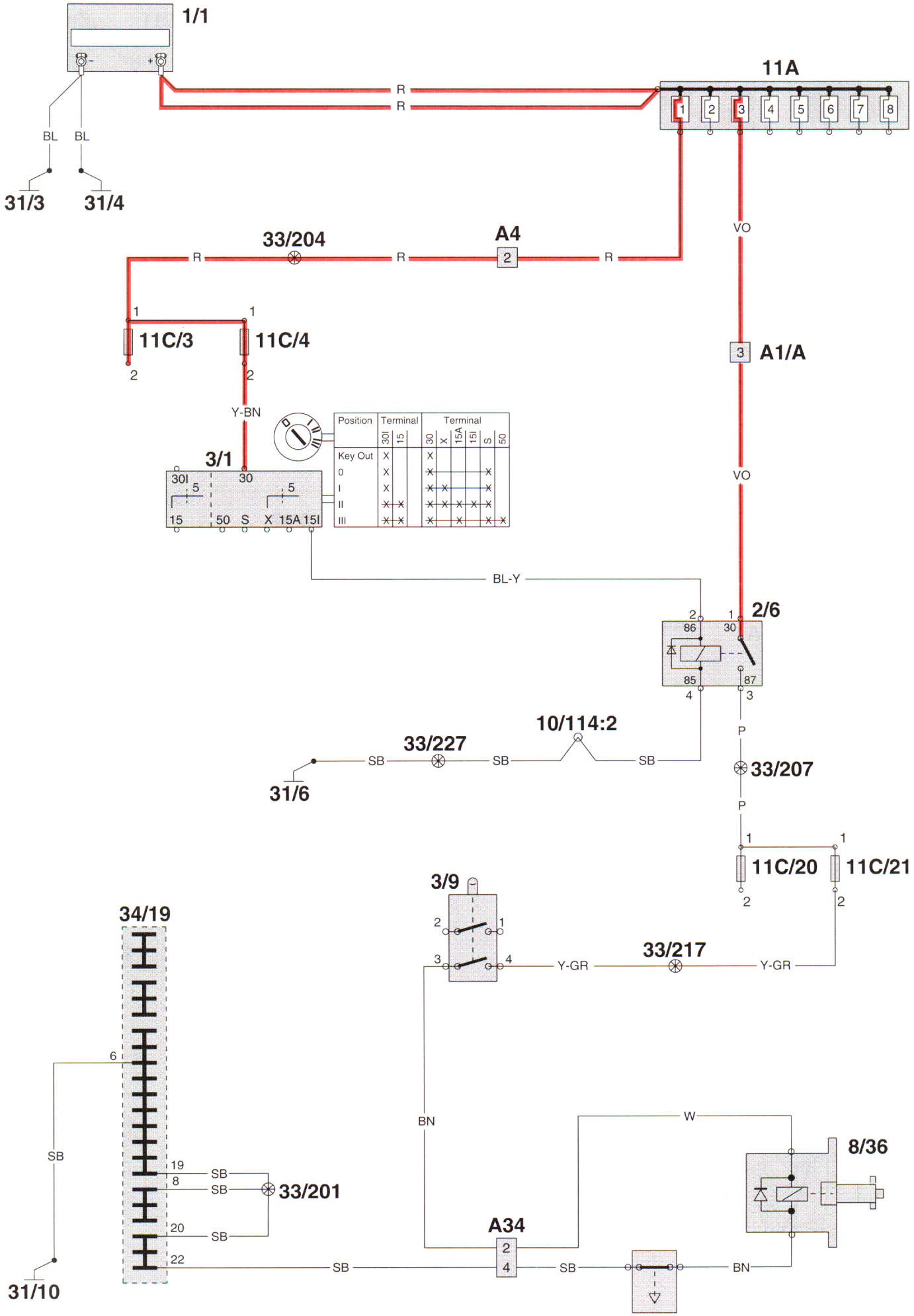
*) Not for USA/CDN



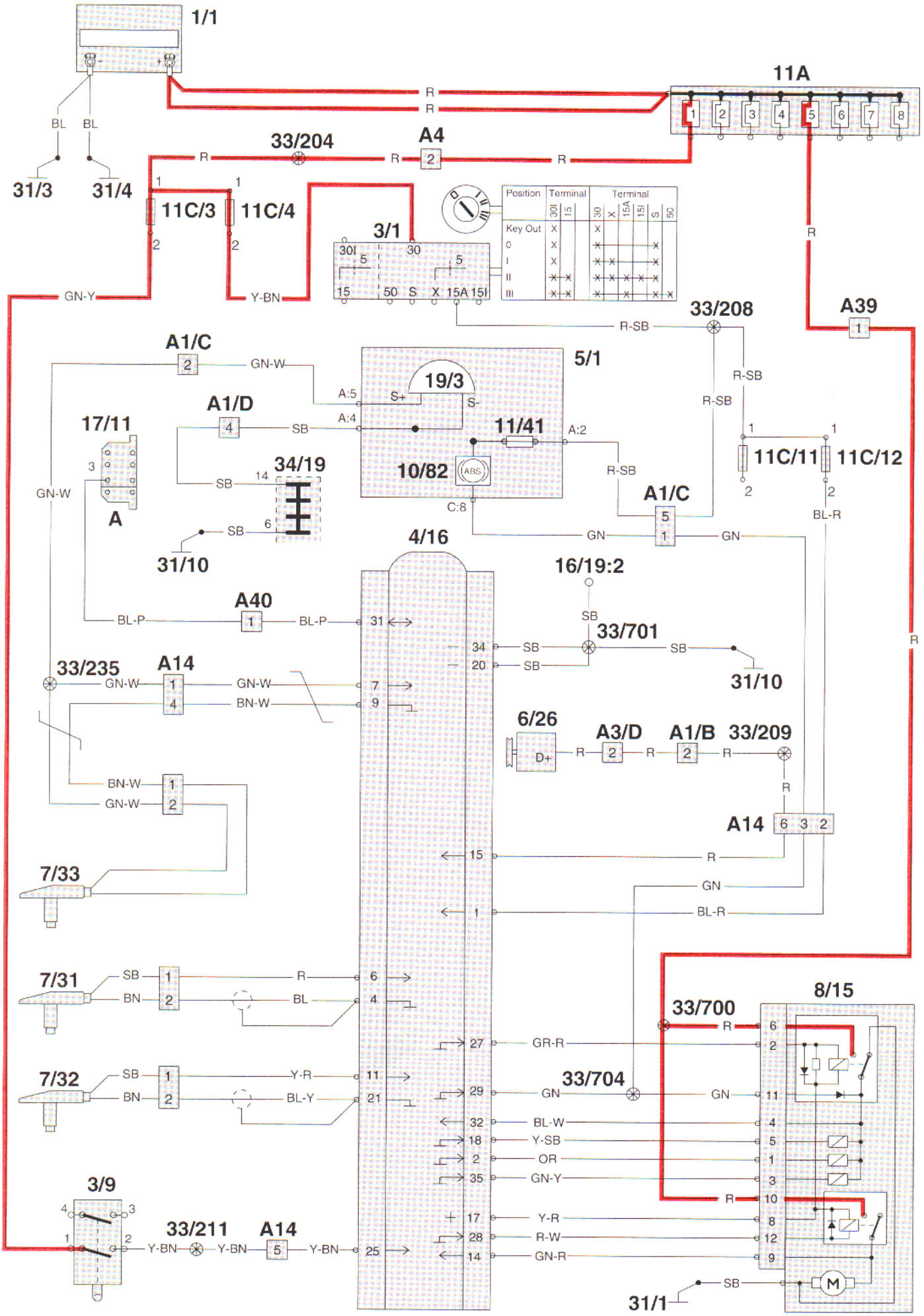
Electronically controlled automatic transmission AW30-40/43



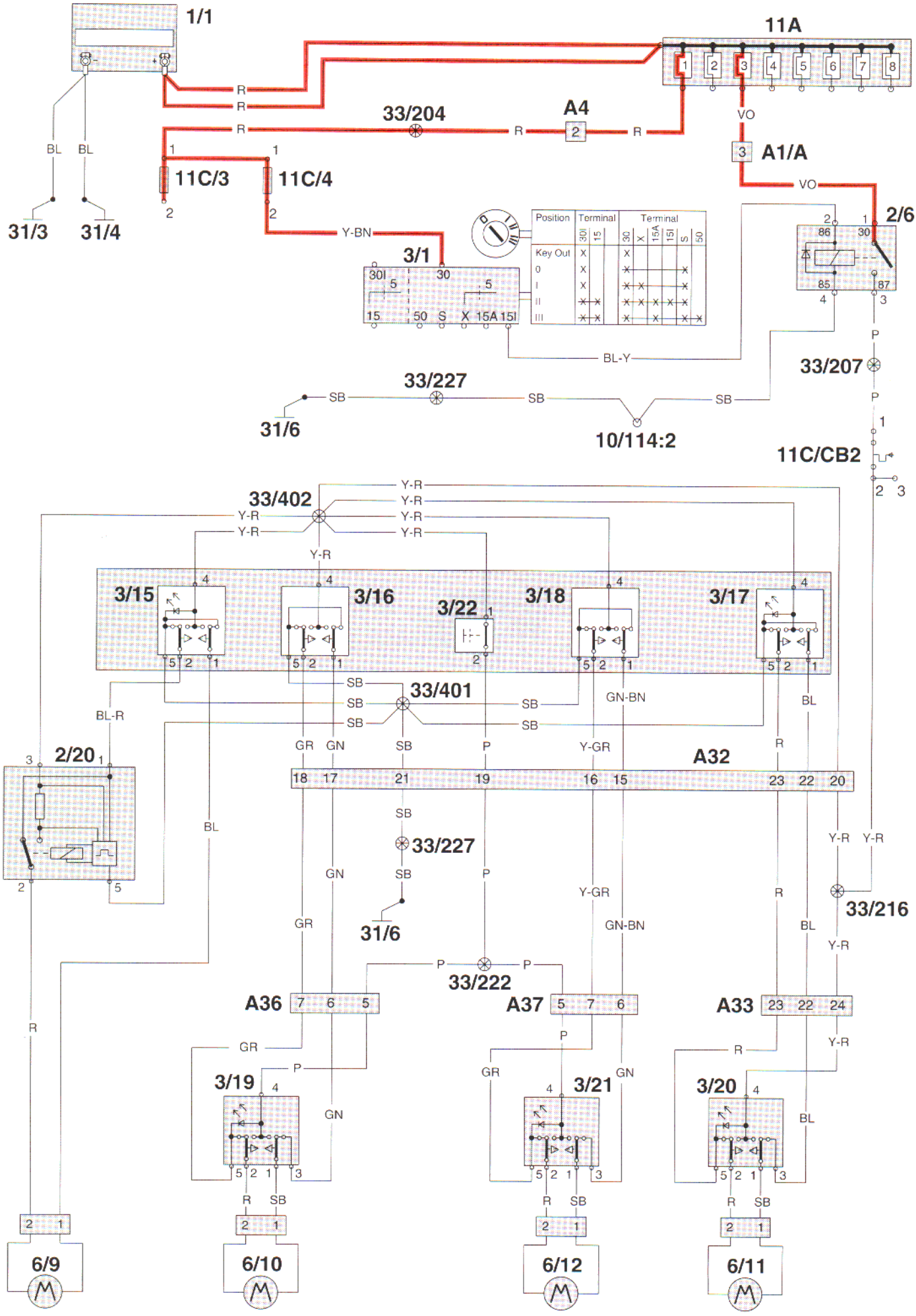
P-shift lock, automatic transmission



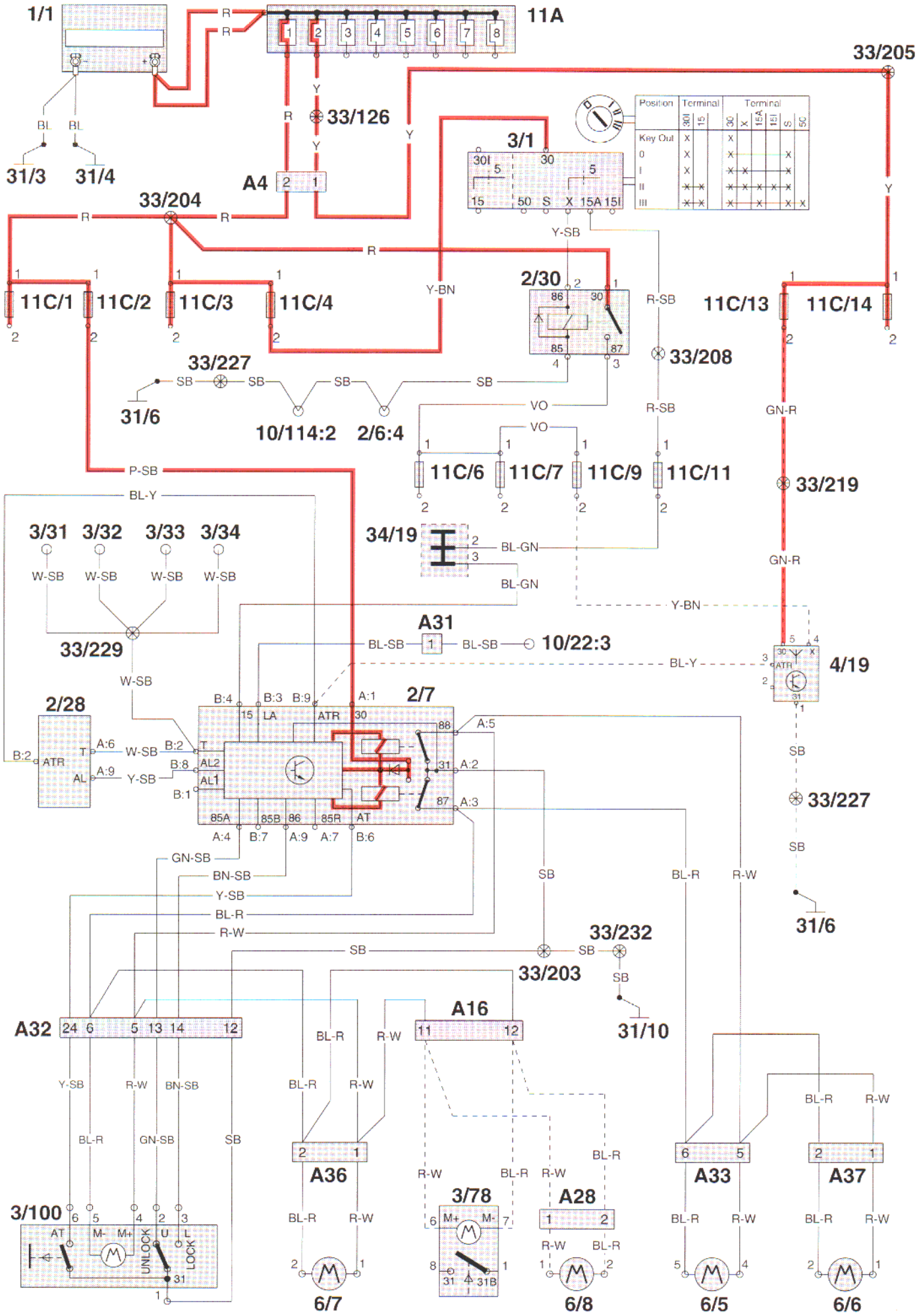
Anti-lock braking system ABS



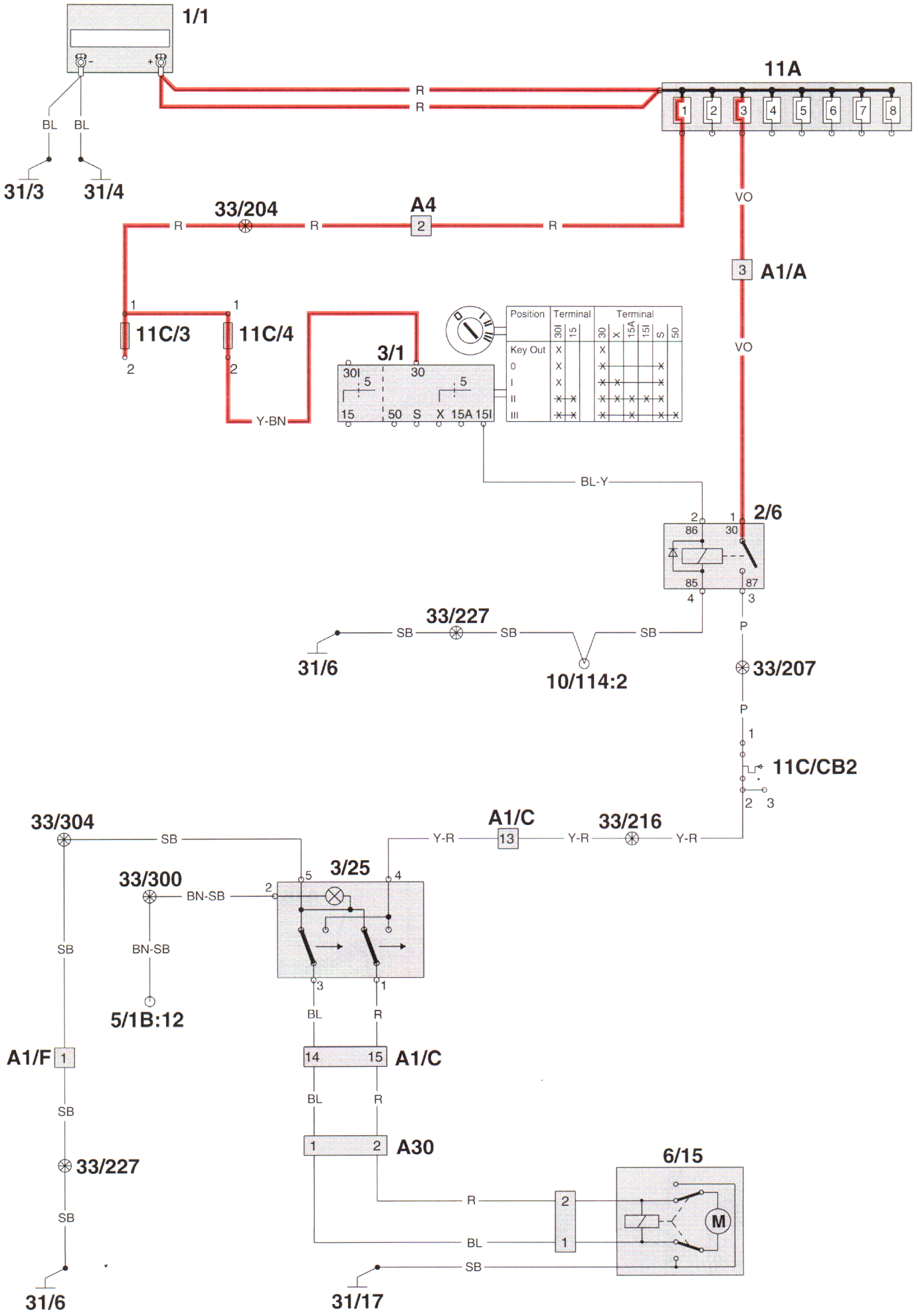
Power windows



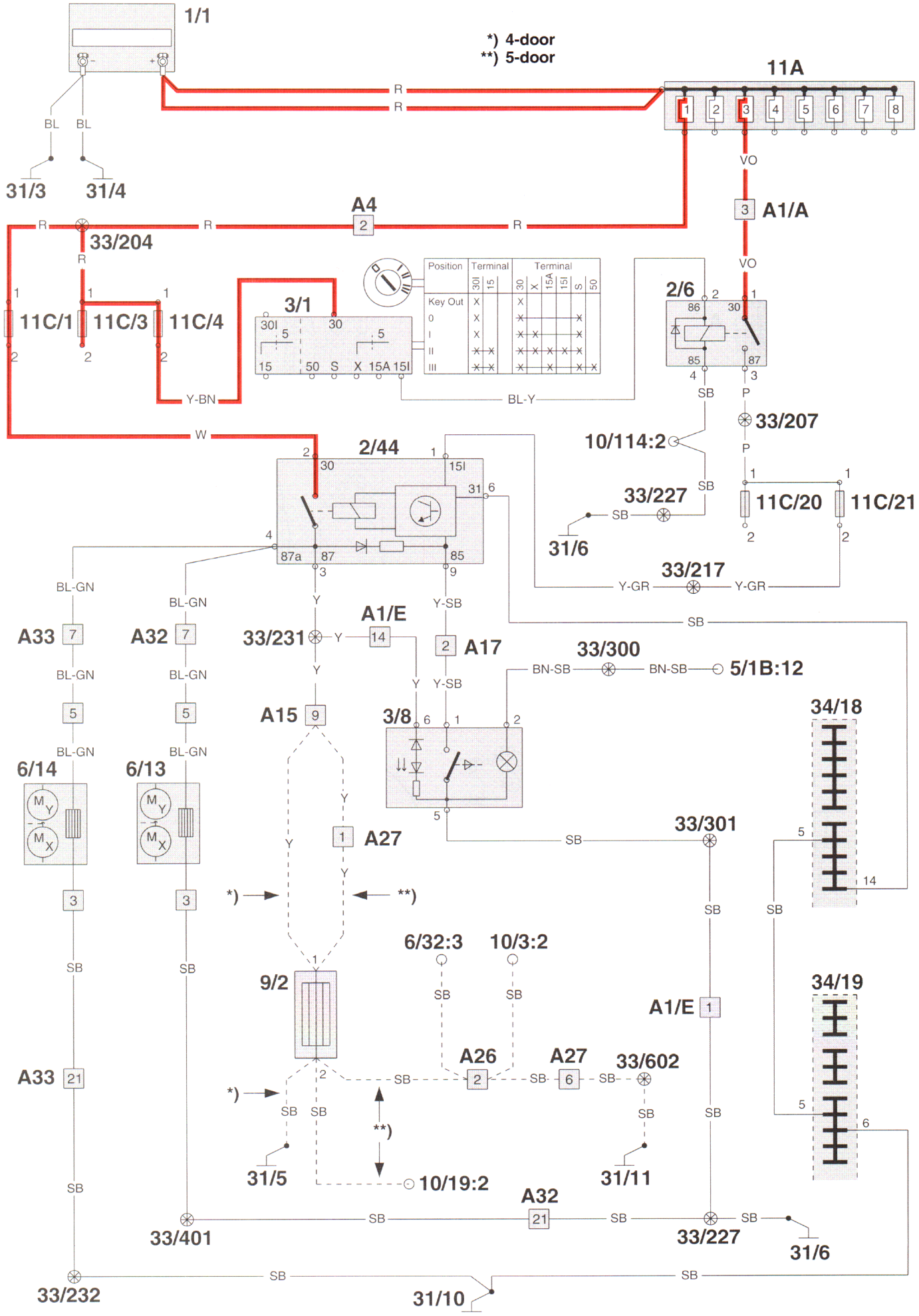
Central locking



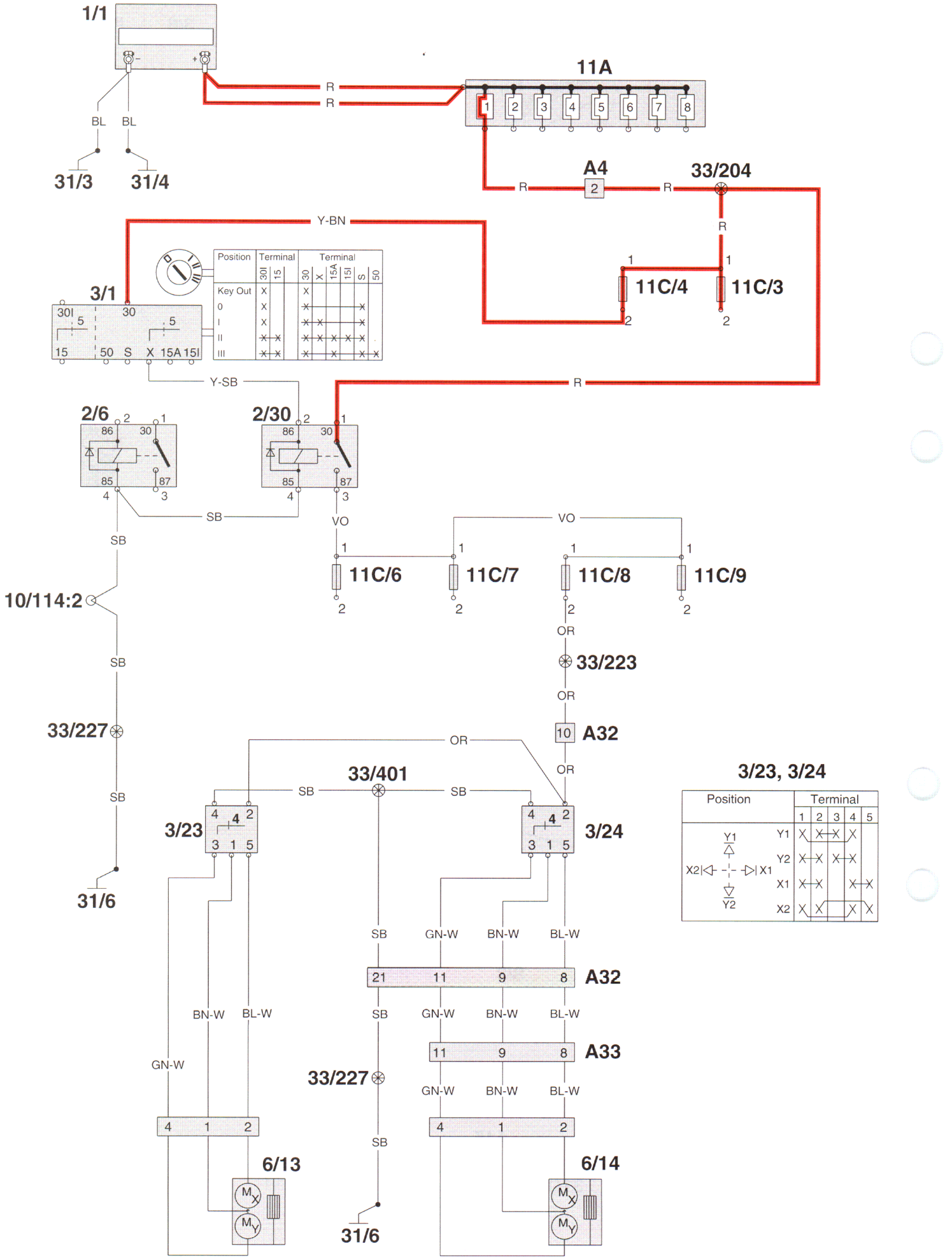
Power sunroof



Heated rear window and door mirrors with delay relay



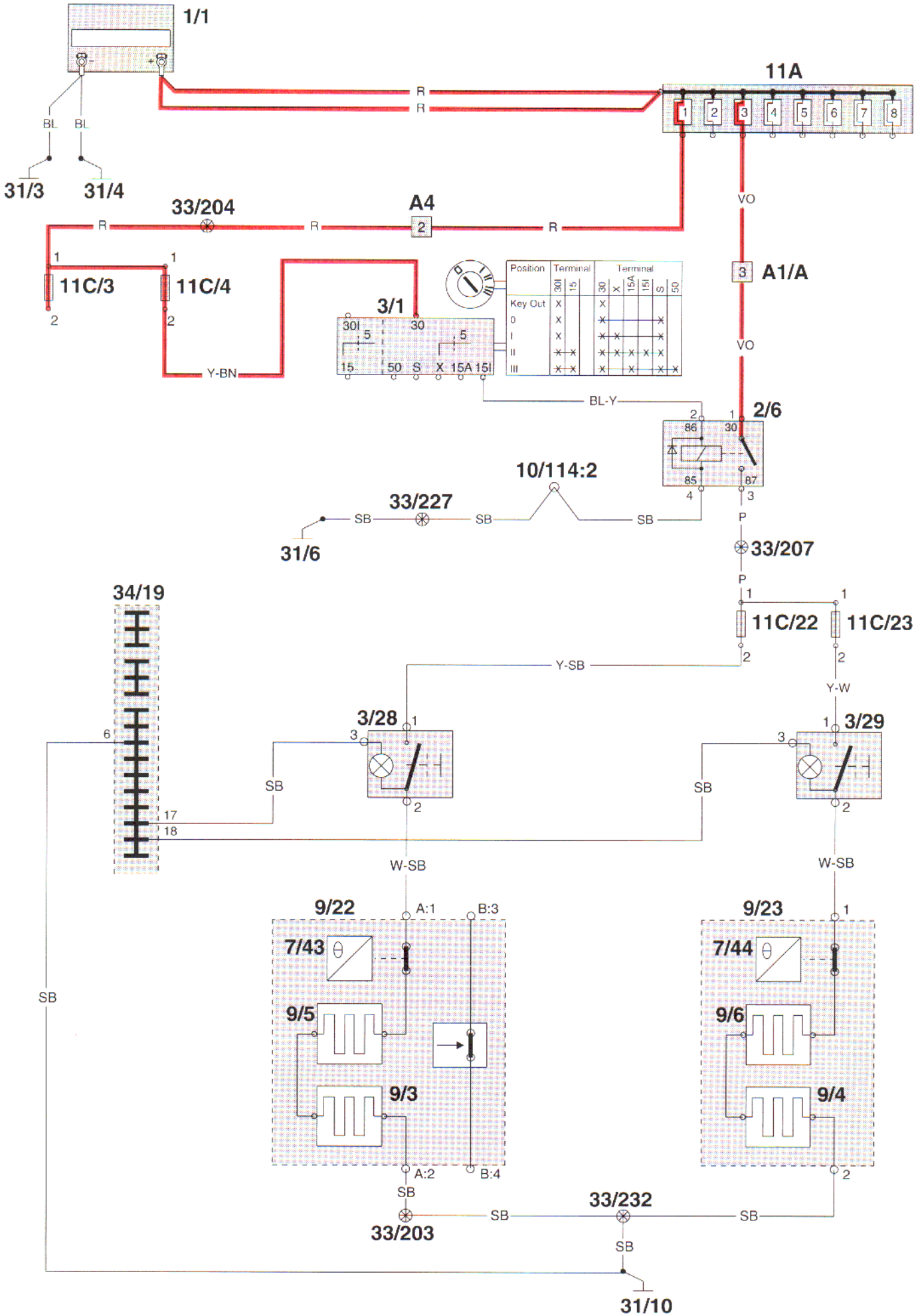
Power door mirrors



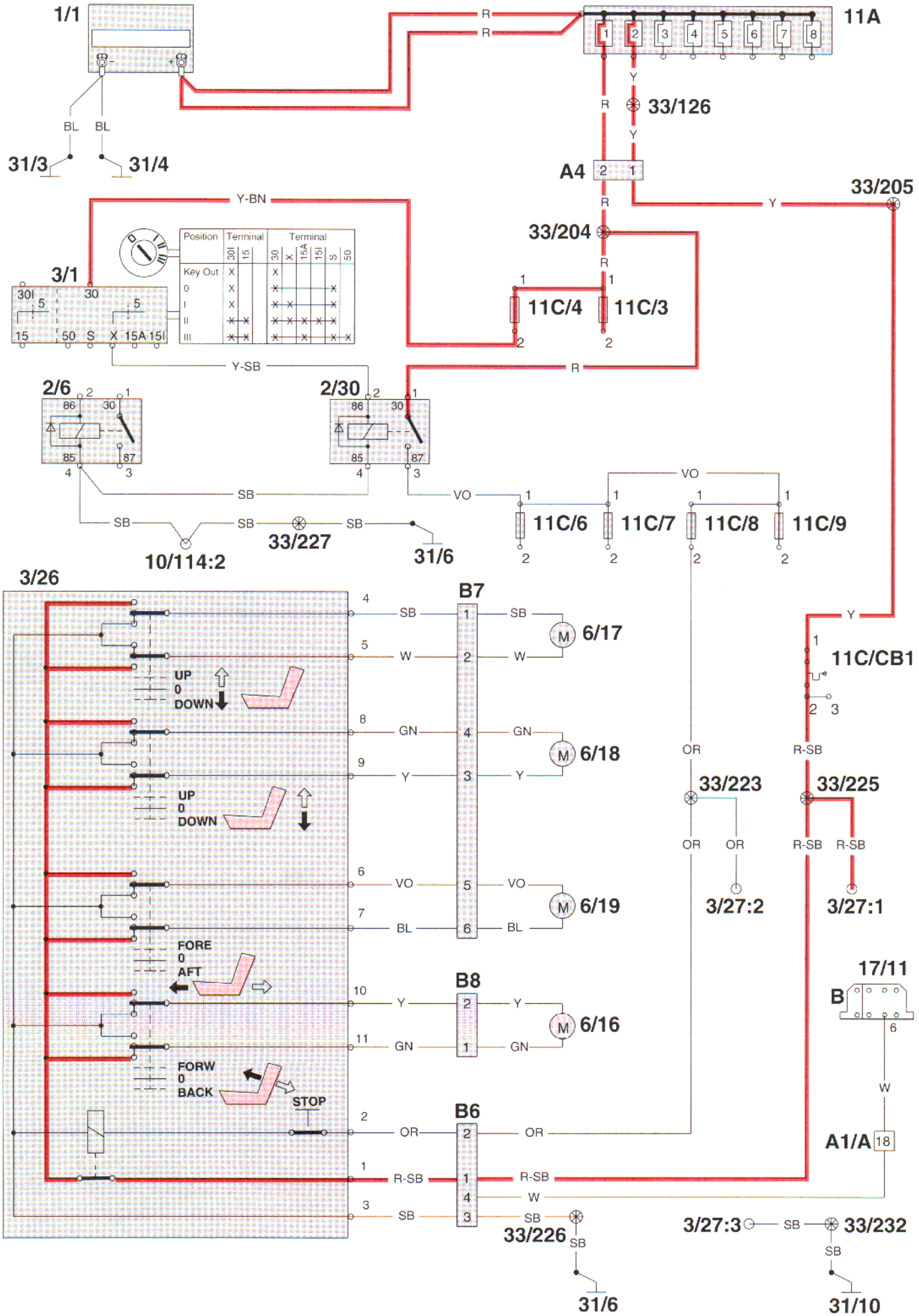
3/23, 3/24

Position	Terminal 1	2	3	4	5
Y1	X	X	X		X
Y2	X	X		X	X
X1	X	X		X	X
X2	X		X	X	

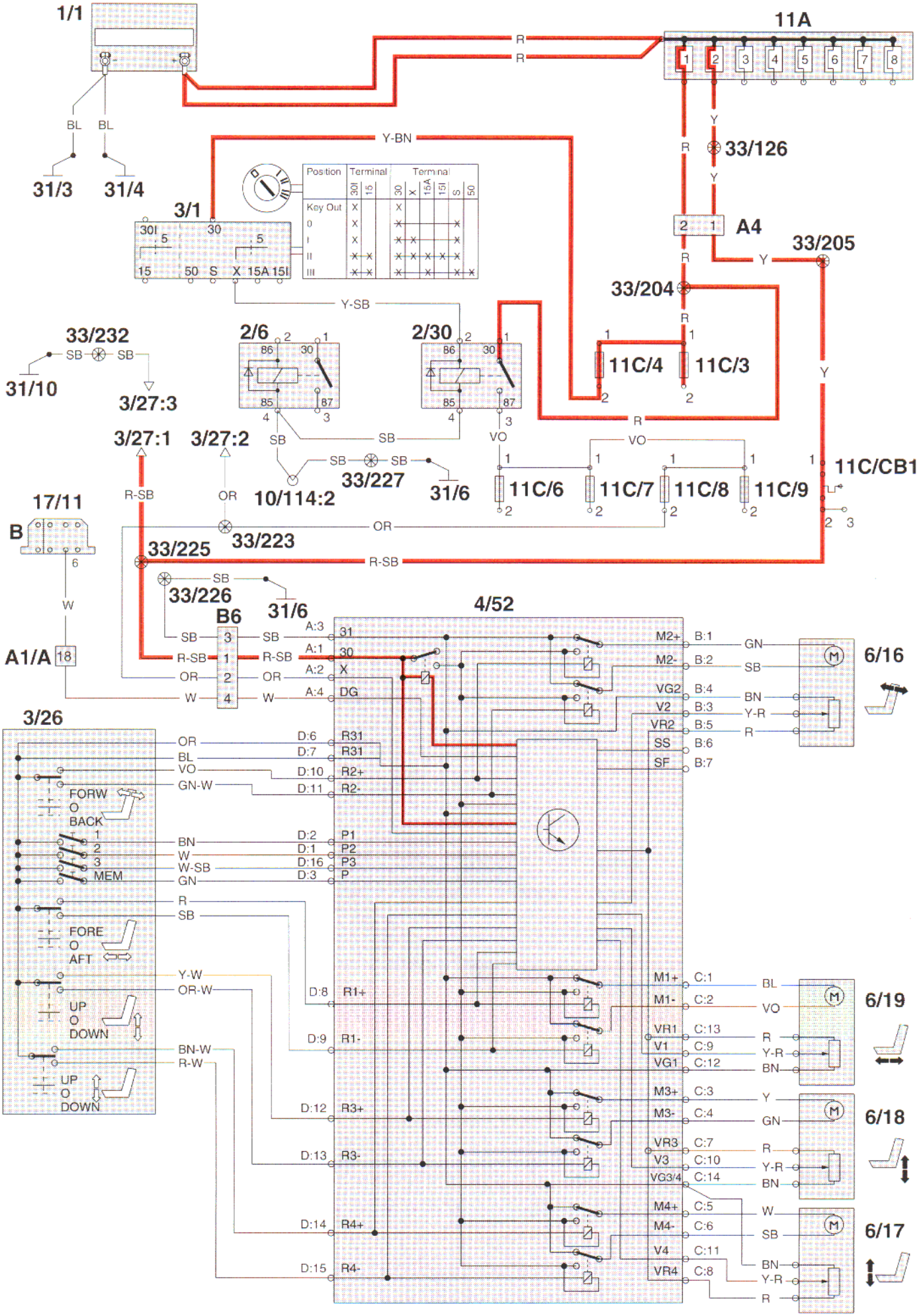
Heated driver/passenger seats



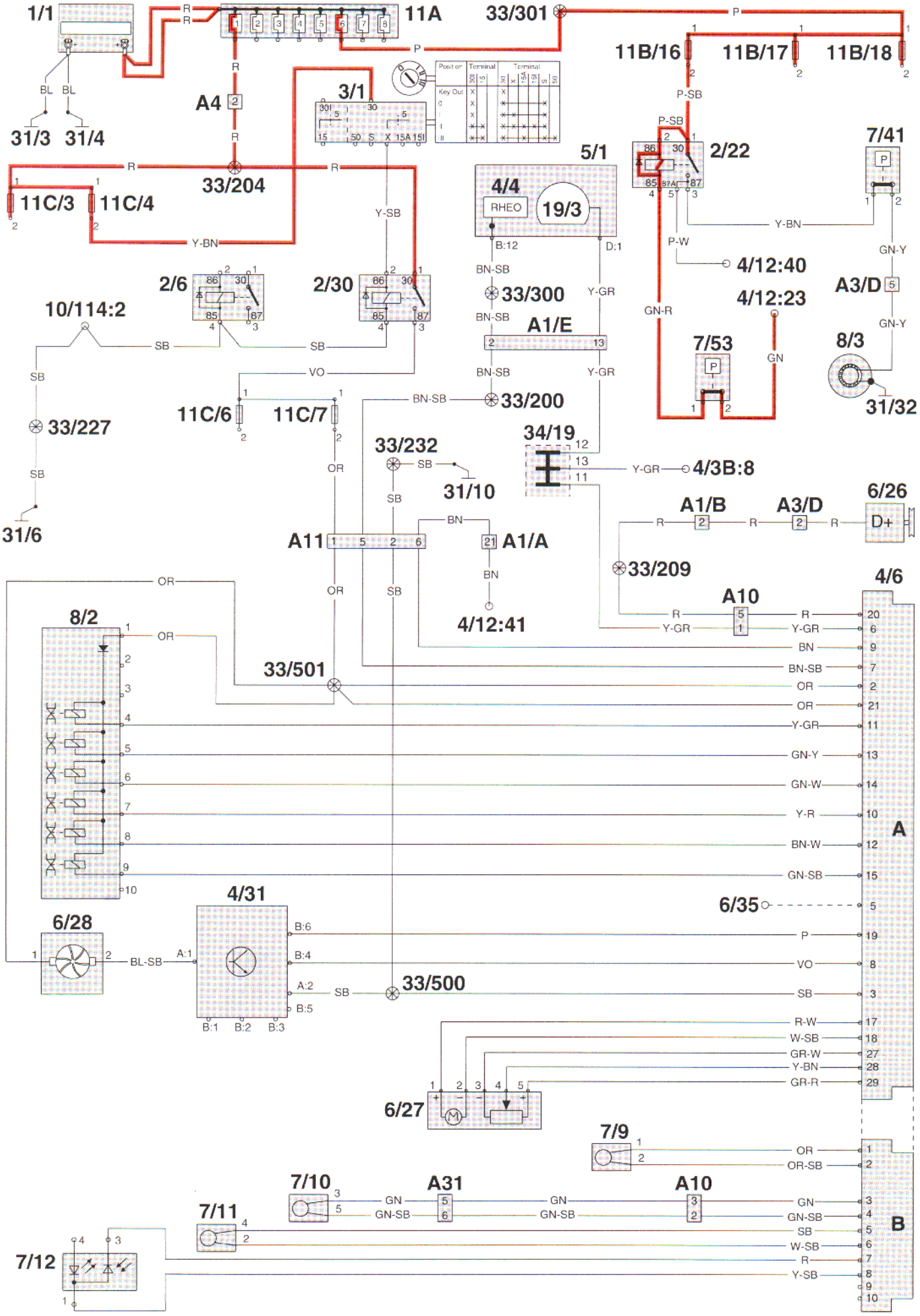
Power seat


1/1
11A
33/126
31/3
31/4
A4
33/205
33/204
Y-BN
3/1
Position
Terminal
Key Out
11C/4
11C/3
Y-SB
2/6
2/30
SB
VO
11C/6
11C/7
11C/8
11C/9
10/114:2
33/227
31/6
3/26
B7
6/17
UP
0
DOWN
6/18
6/19
FORE
AFT
B8
6/16
FORW
BACK
STOP
B6
11C/CB1
33/223
33/225
3/27:2
3/27:1
17/11
A1/A
33/226
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31/10

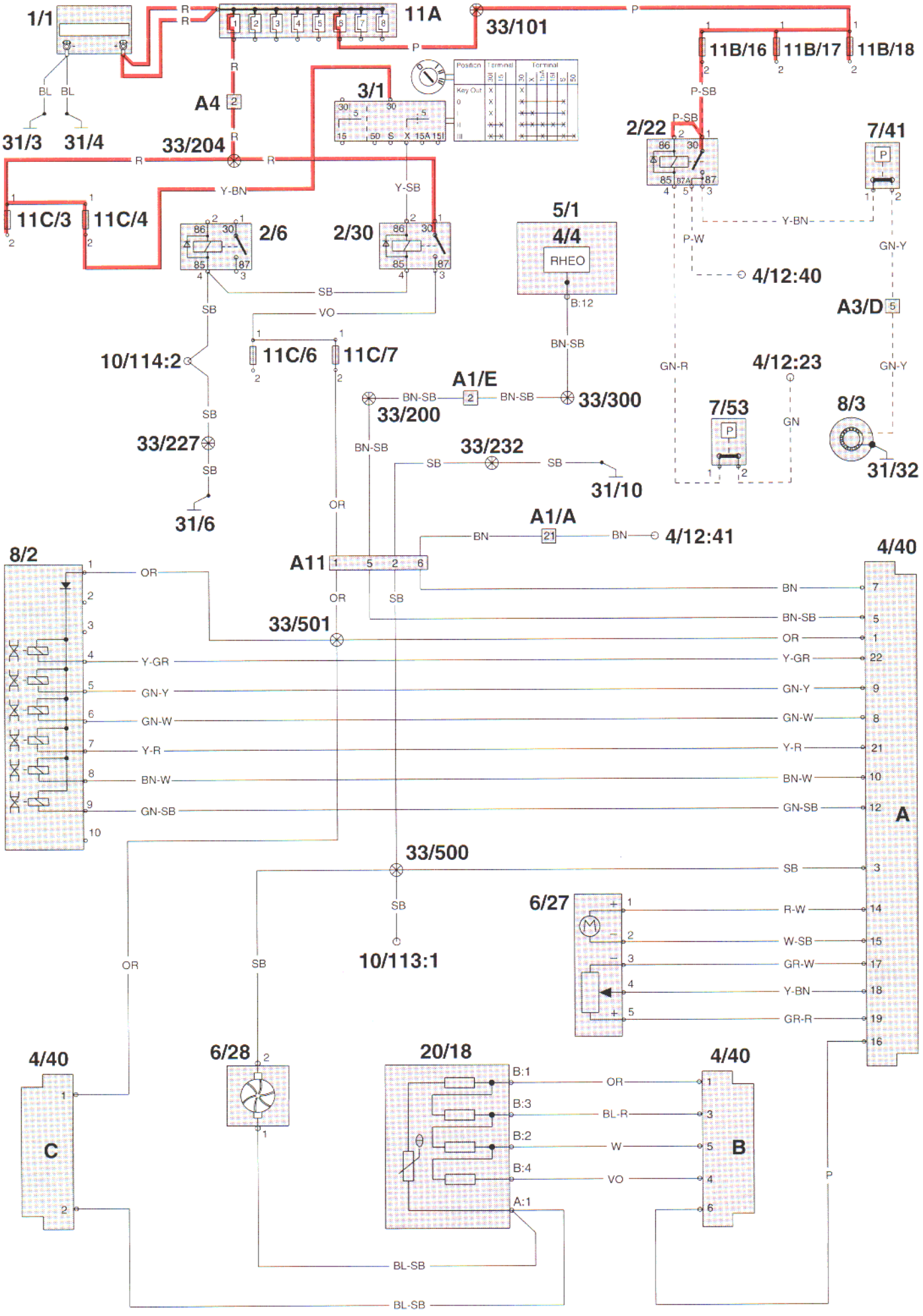
Power seat with memory



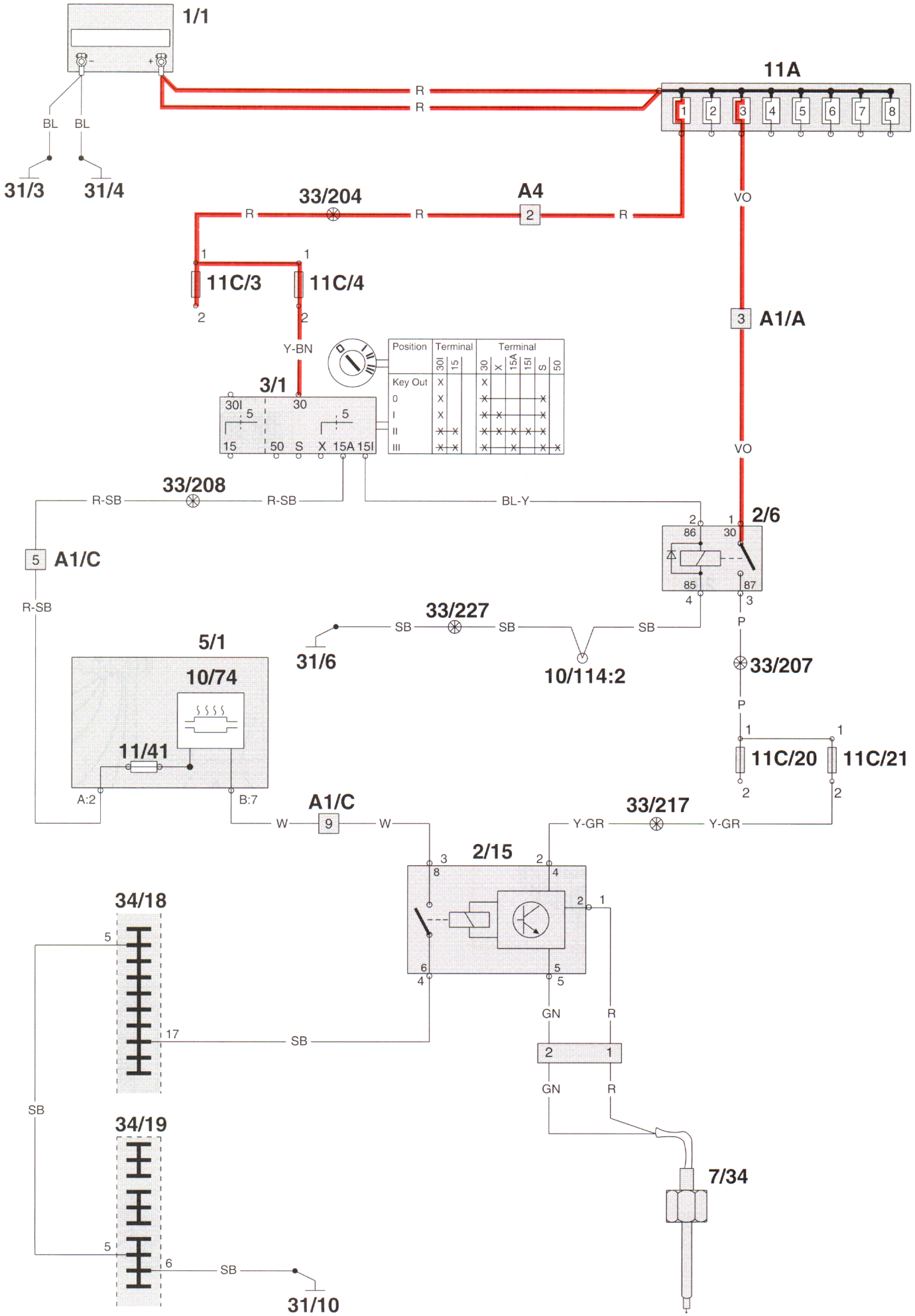
Electronic Climate Control, ECC



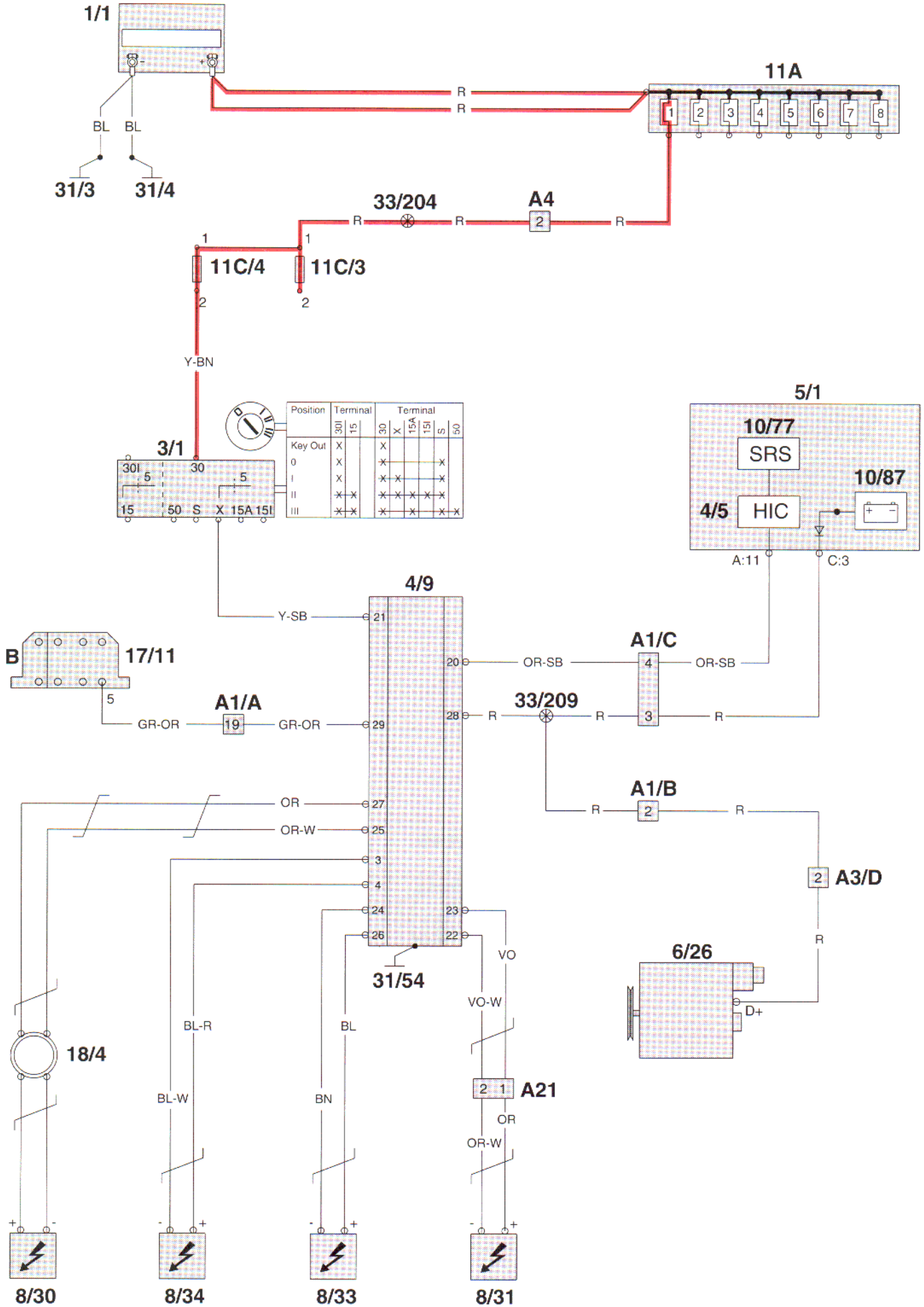
Manual Climate Control, MCC



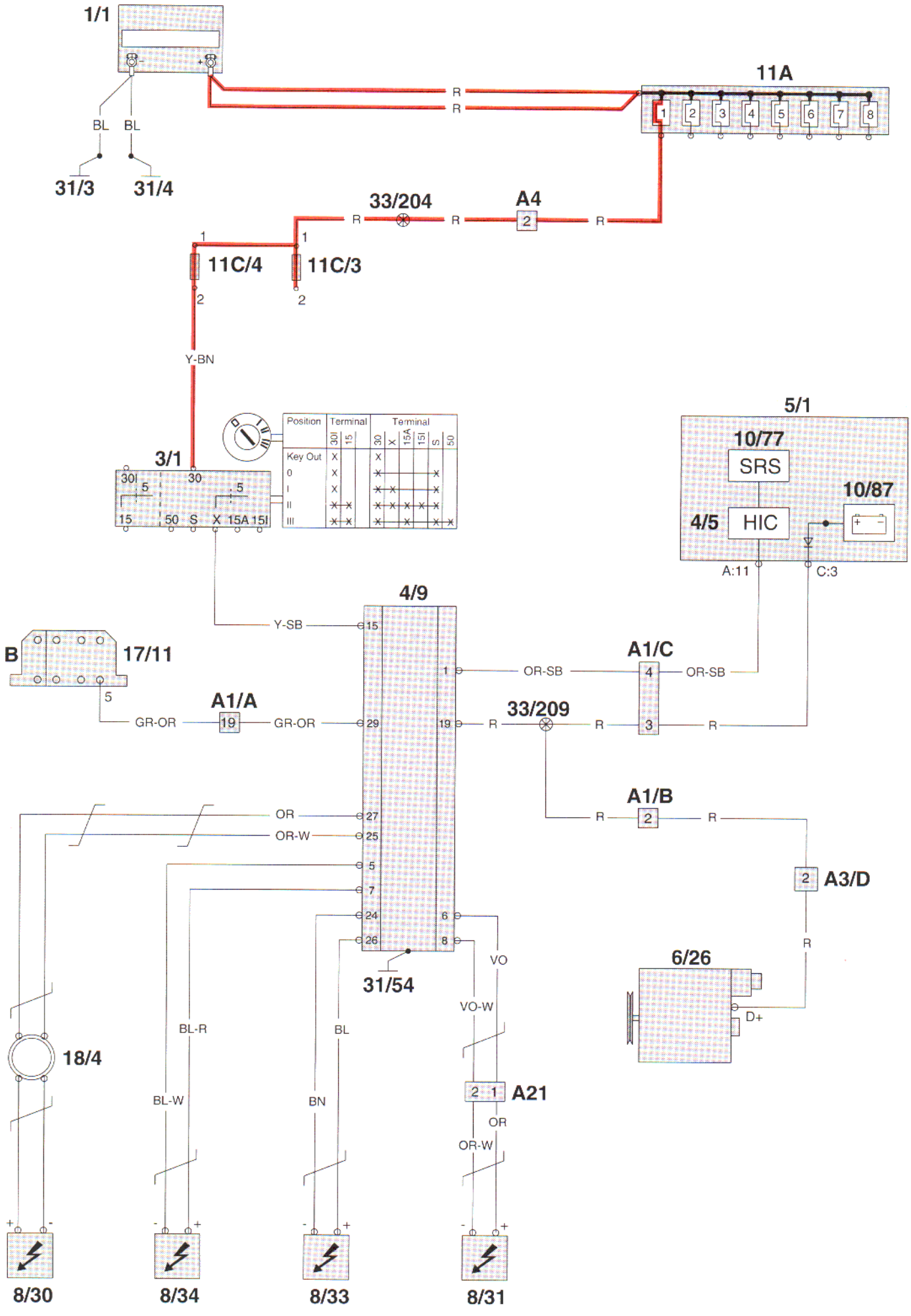
Temperature sensor Japan



Supplemental Restraint System (SRS)



Supplemental Restraint System (SRS) USA/CDN



Comments

To

VOLVO CAR CORPORATION
Aftersales
Service & Market Support
Dept. 57920 PVÖP32
S-405 08 GOTHENBURG
Sweden

From

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Publication: .....

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Section: ..... Page ..... TP No .....

Suggestion/Reason:

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Date .....

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If you have any suggestions or comments about this manual make a copy of this page, write down your comments and send to us.

List of components

1/1	Battery
2/1	Headlight relay with bulb failure sensor
2/2	Foglight relay
2/4	Intermittent wiper relay, windshield wipers
2/5	Relay, seat belt reminder/ignition key warning
2/6	Overload relay 15I
2/7	Central lock relay / Inside lighting, delayed action
2/11	Relay, engine cooling fan
2/15	Relay exhaust temperature sensor
2/16	Intermittent wiper relay, tailgate wiper
2/17	Horn relay
2/20	Relay auto down power windows
2/22	Automatic climate control A/C relay
2/23	Relay, fuel pump
2/28	Anti-theft relay
2/30	Overload relay, +X
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2/35	Start motor 50 relay
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2/53	Air pump relay
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3/2	High and low beam switch
3/3	Switch, turnsignal/high-low beam
3/4	Cruise control operation
3/6	Switch, hazard warning with flasher relay
3/7	Foglight switch
3/8	Switch with timer relay, heated rear window/door mirrors
3/9	Brake light switch
3/10	Backup (reversing) light switch
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3/16	Power window lift switch driver's door for driver's side, rear
3/17	Power window lift switch driver's door for passenger's side front
3/18	Power window lift switch driver's door for passenger's side rear
3/19	Power window lift switch driver's side rear
3/20	Power window lift switch passenger's side front
3/21	Power window lift switch passenger's side rear
3/22	Switch for rear power window lifts
3/23	Switch for power door mirror, driver's side
3/24	Switch for power door mirror, passenger's side
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3/26	Control module, driver's seat
3/27	Control module, passenger's seat
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3/29	Switch for heated passenger's seat
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3/34	Door switch passenger's side rear
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3/37	Horn contacts
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3/39	Switch, clutch pedal
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4/39	Power stage Motronic 2 (MFI) system
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6/3	Right headlight wiper motor
6/4	Left headlight wiper motor
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6/8	Central locking motor tailgate
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6/10	Power window lift motor driver's side rear
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6/12	Power window lift motor passenger's side rear
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6/14	Power door mirror, passenger's side
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6/16	Motor driver's seat backrest
6/17	Motor up-down, front edge of driver's seat
6/18	Motor up-down, rear edge of driver's seat
6/19	Motor fore-aft driver's seat
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6/25	Starter motor
6/26	Generator
6/27	Servo motor throttle control
6/28	Cabin fan motor
6/29	Engine cooling fan
6/30	Wiper motor, tailgate
6/32	Tailgate wiper motor
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6/33-2	Fuel primer pump
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6/38	Actuator, left beam width control
6/39	Actuator, right beam width control
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7/7	Engine coolant temperature (ECT) sensor
7/9	Engine coolant temperature (ECT) sensor, ECC
7/10	Cabin temperature sensor
7/11	Ambient temperature sensor
7/12	Solar sensor ECC alarm diode
7/15	Heated oxygen sensor (HO2S)
7/16	Engine coolant temperature (ECT) sensor, fuel/ignition system
7/17	Mass air flow (MAF) sensor
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Instrument lights

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10/85	Warning light, high beam	10/96	Instrument lighting
10/86	Oil pressure warning lamp	10/109	Warning lamp, trailer
10/87	Warning lamp, charging	10/110	Coolant level warning lamp

Combined instrument connection points

A 14-pin connector

1	Right turn signal (+)	(BL-GN)
2	15 Amp.+ supply	(R-SB)
3	-	
4	Referens, ground point 31/10	(SB)
5	Speed sensor signal (+)	(GN-W)
6	Selector indicator	(BN-OR)
7	Seat belt reminder	(Y-GR)
8	Seat belt reminder	(GN-BN)
9	-	
10	-	
11	Collision sensor SRS pos 20 (+)	(OR-SB)
	Collision sensor SRS pos 1 USA/Canada	(OR-SB)
12	Coolant temperature sender (-)	(BN-P)
13	Control module, Motronic 4.3 MFI, pos. 6	(R-W)
14	Coolant temperature sensor (+)	(Y-W)

B 14-pin connector

1	Control module, Motronic 4.3 MFI, pos.15	(OR)
2	Fuel level sensor (+)	(OR-W)
3	Fuel level sensor (-)	(BN)
4	30+ supply	(GN-R)
5	Ground connection 31/6	(SB)
6	-	
7	Relay, exhaust temperature sensor (Japan)	(W)
8	Switch, Rheostat	(GN-GR)
9	Light switch, pos. 2	(BL-W)
10	Washer level sensor	(BL-Y)
11	Light switch, pos. 8	(BL-SB)
12	Rheostat, output	(BN-SB)
13	X+ supply	(OR)
14	Left turn signal, front	(GN)

C 12-pin connector

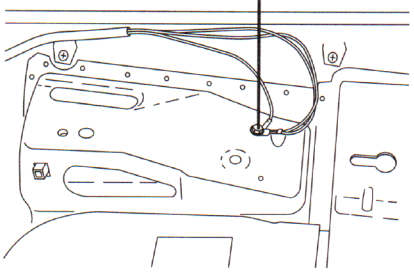
1	Switch, rear fog light	(GR)
2	Main headlight relay with bulb malfunction indicator	(P-SB)
3	Generator D+	(R)
4	Oil pressure sensor (-)	(SB)
5	High beam signal	(BL-GR)
6	Brake fluid level sensor	(Y-R)
7	Parking brake switch	(GR-W)
8	ABS	(GN)
9	Coolant level sensor	(GR-OR)
10	-	
11	-	
12	Digital output to transmission control module	(GN-GR)

D Single pin connection (double tab)

1	Digital output to Motronic 4.3 MFI control module pos. 9	(Y-GR)

Ground connections

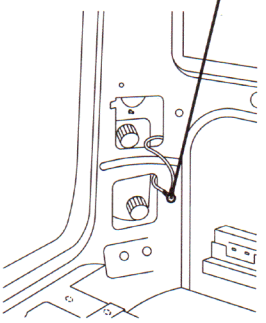
31/10



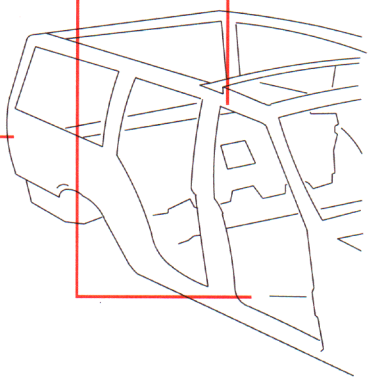
Heated seats
Central locking
Climate unit
Heated door mirrors, right side
Vanity mirror lighting, right side
Alarm diode MCC
Turn indicator light, right side
ABS control module
Horn
Anti-theft alarm horn
Power seat, passenger side
Accessories
Ground terminal block 34/19 (at parking brake bracket)
- Ashtray lighting
- Gear selector lighting AW30-40/43
- Mode-switch AW30-40/43
- Combined instrument
- P-shift lock
- Seat belt reminder
- Relay, temperature sensor (Japan)

via ground terminal block 34/18 (at central relay module tunnel)
- Heating relay, rear window/door mirror
- Intermittent relay
- Anti-theft alarm relay

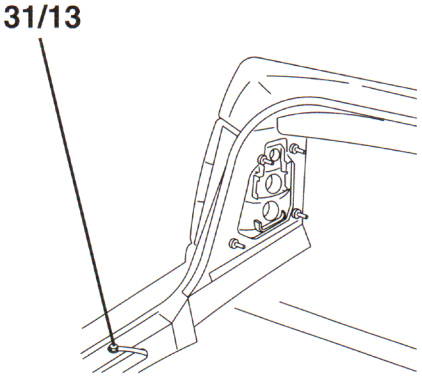
31/11



Tail light, left side (5-door)
License plate lighting
Bulb malfunction indicator, rear
Tailgate wiper intermittent relay
Trunk lighting
Heated rear window
High-level brake light

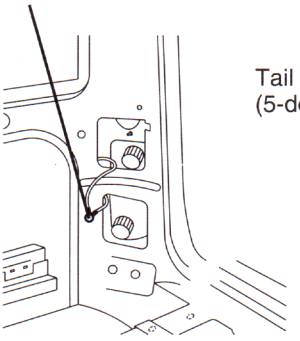


31/13



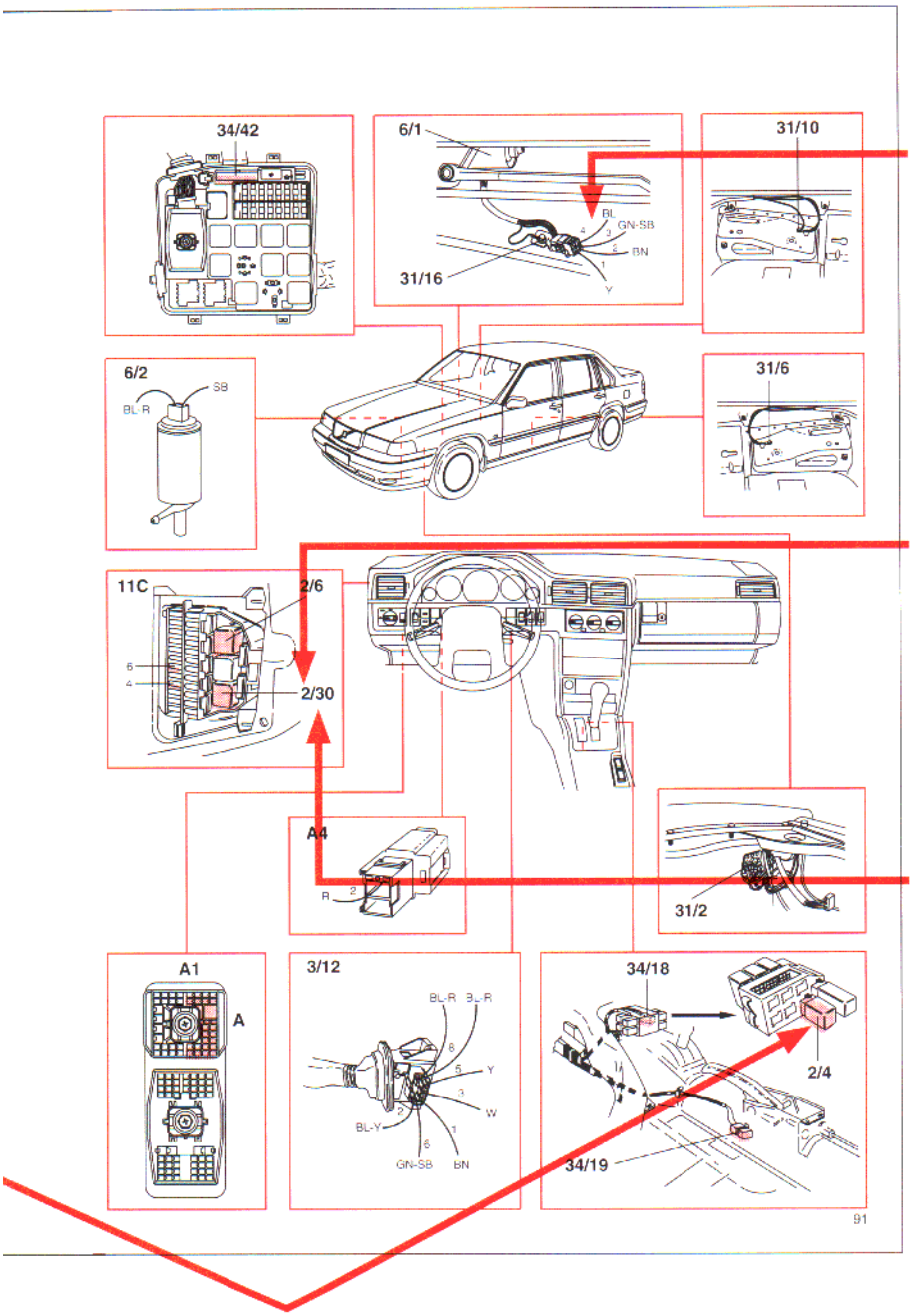
Left tail light
Lock, boot
License plate light
Bulb malfunction indicator, rear
High-level brake light
Trunk lighting
Tail light, right side

31/12



Tail light, right side
(5-door)

Here you can see where the function components are located in the car. On pages 9-13 you can see how the cable harness is routed in the car.



The component designation allows you to move easily from the component diagrams to the wiring diagram itself

Here you can see how the various wires are connected to each respective component.

The component designation consists of a type number and a component number.

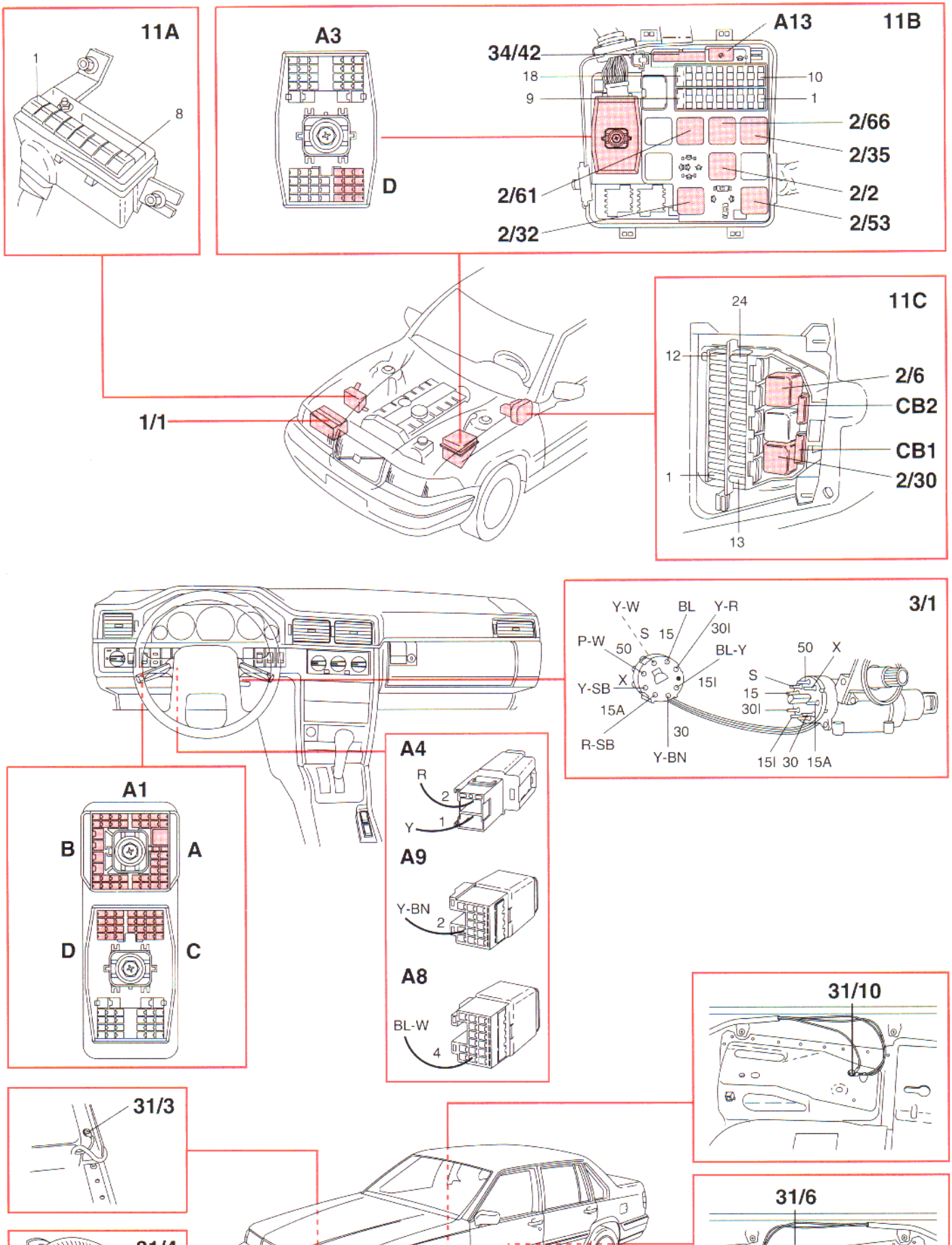
The type number (in this case 26) indicates which type of component it is, eg a switch, electric motor or sensor, see the list below. In this case it is a relay.

The connector type designation is by letter - A, B or D - instead of number.

The component number (30) indicates which specific component is intended. Thus 2/30 means an Overload Relay, X+.

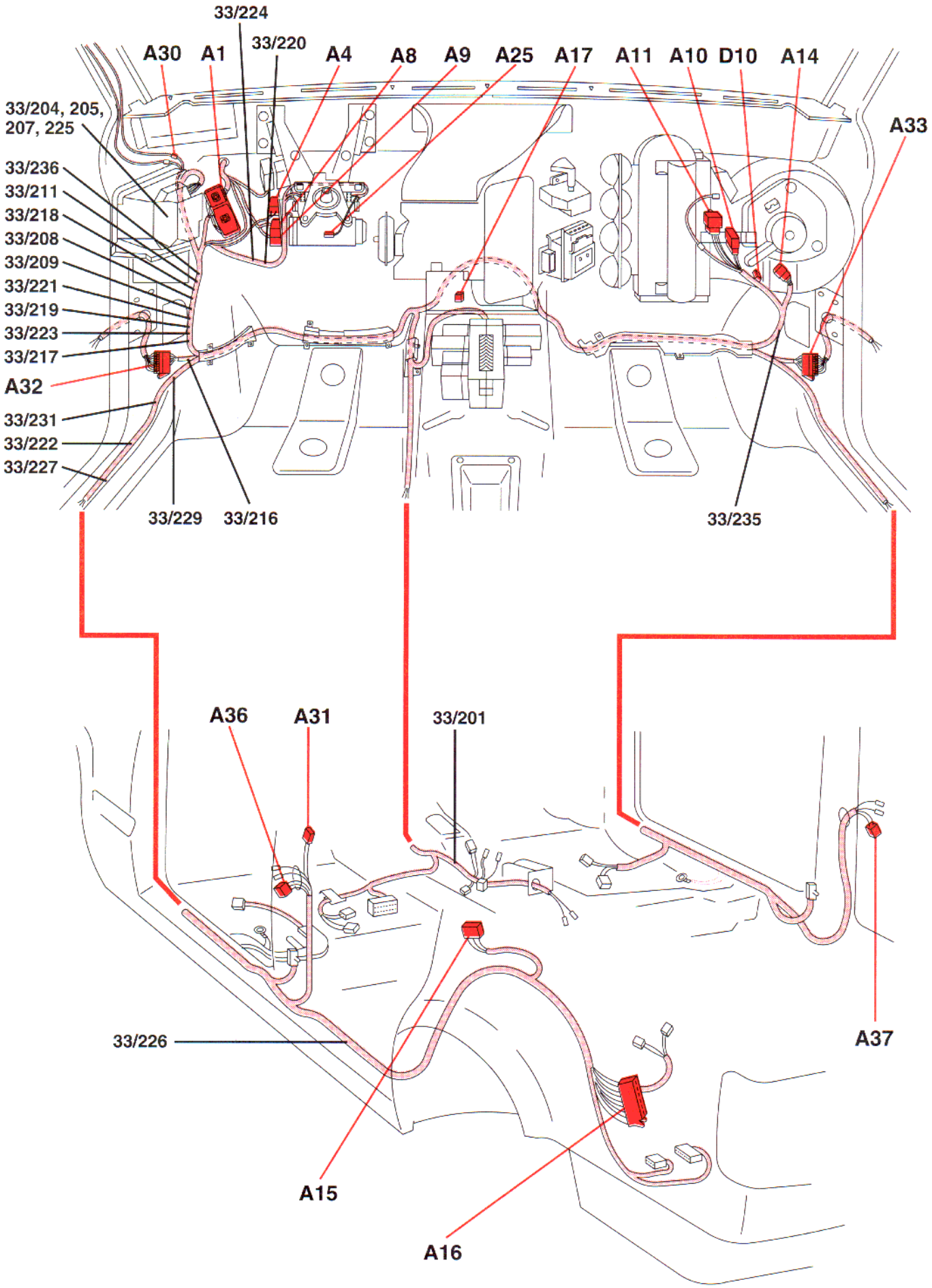
List of type numbers

1	Battery
2	Relay
3	Switch
4	Control module
5	Combined instrument
6	Electric motor
7	Sensor
8	Actuator
9	Heater element
10	Bulb
11	Fuse
16	Audio
17	Service socket
19	Gauge
20	Ignition component
31	Ground connection
33	Branching point
34	Terminal block

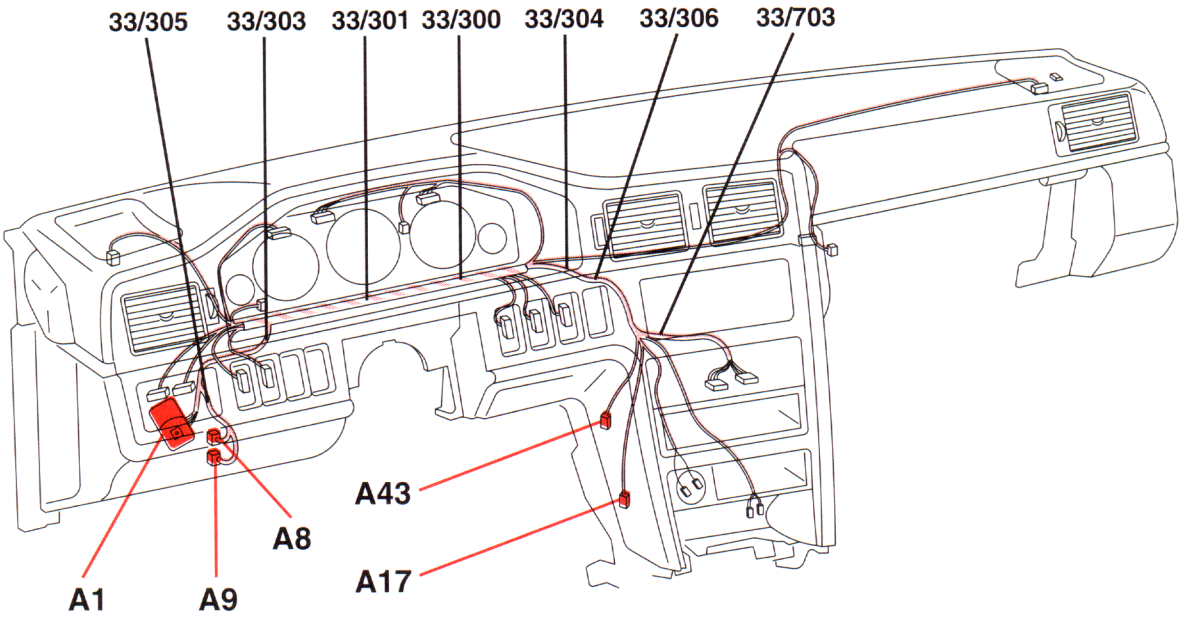

11A
1
8
A3
D
11B
A13
34/42
18
9
10
1
2/66
2/35
2/2
2/53
2/61
2/32
1/1
11C
24
12
2/6
CB2
CB1
1
2/30
13
3/1
Y-W
BL
Y-R
30I
S
15
P-W
50
BL-Y
X
Y-SB
15I
15A
R-SB
30
Y-BN
50
X
S
15
30I
15I
30
15A
A4
R
2
Y
1
A9
Y-BN
2
A8
BL-W
4
A1
B
A
D
C
31/10
31/3
31/6
31/4

Cable harness routing in car

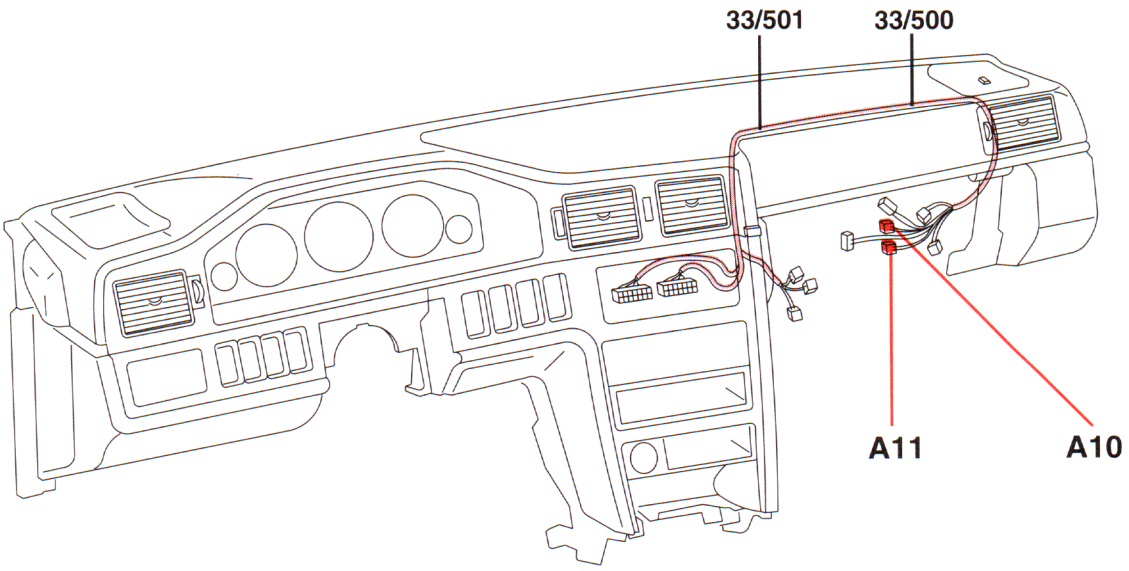
Cable harness, in car



Dashboard cable harness

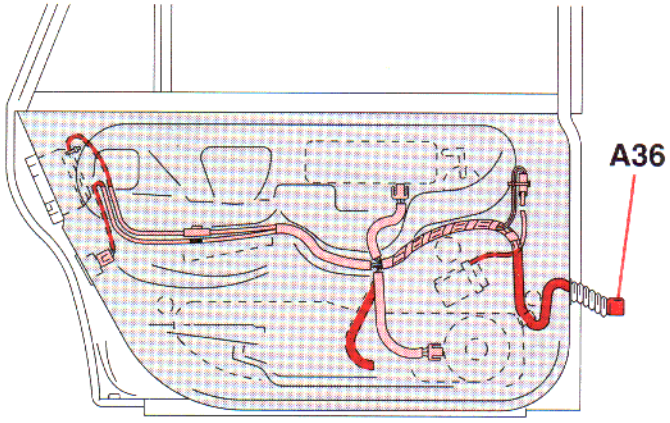


Blower fan/ECC unit cable harness

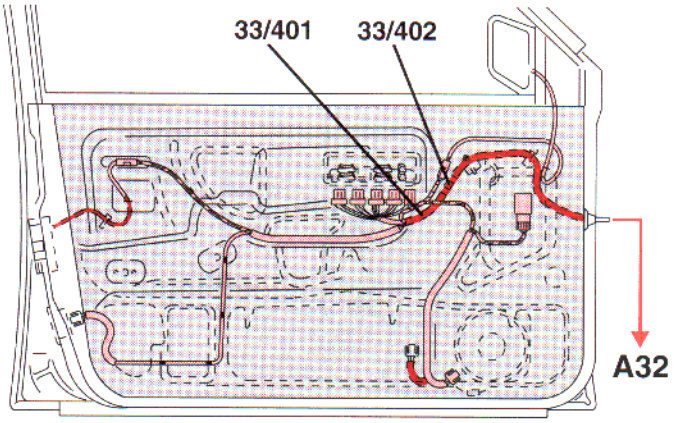


Cable harness routing in car

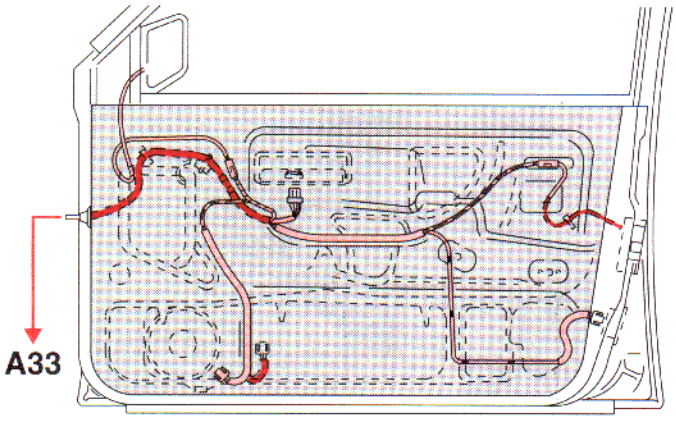
Left rear door cable harness



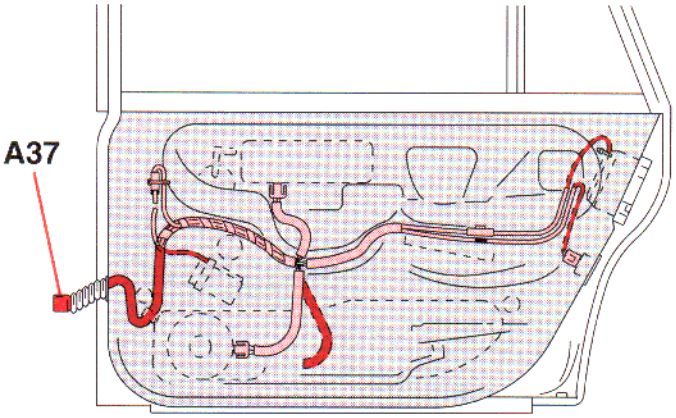
Left front door (driver door) cable harness



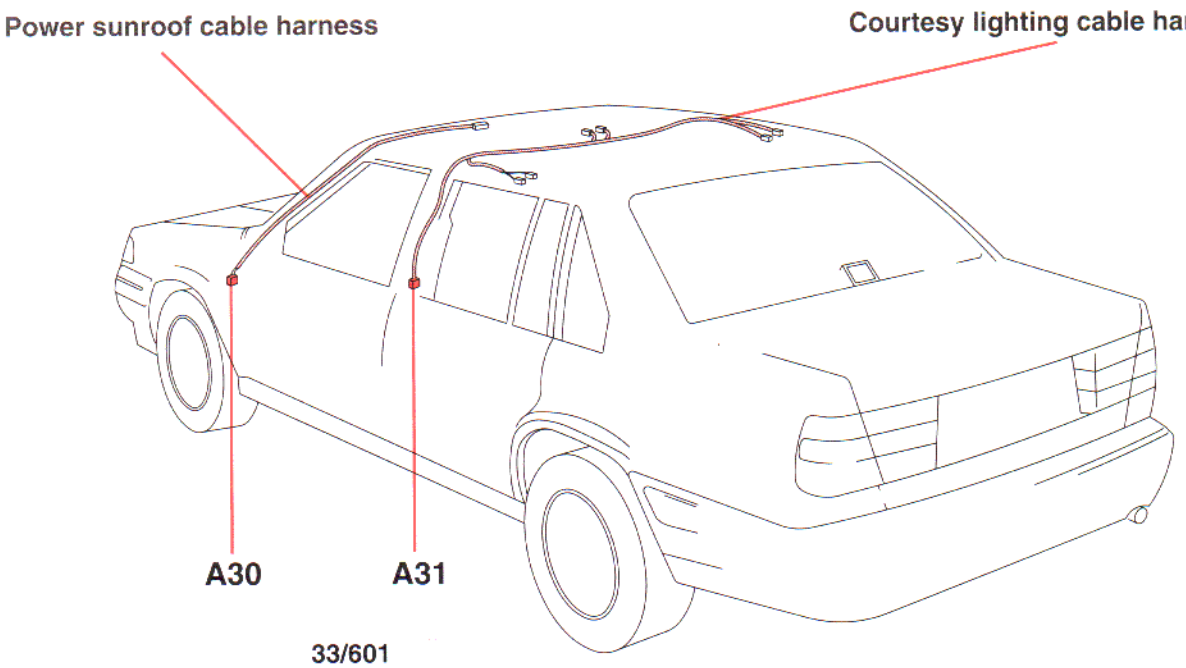
Right front door cable harness

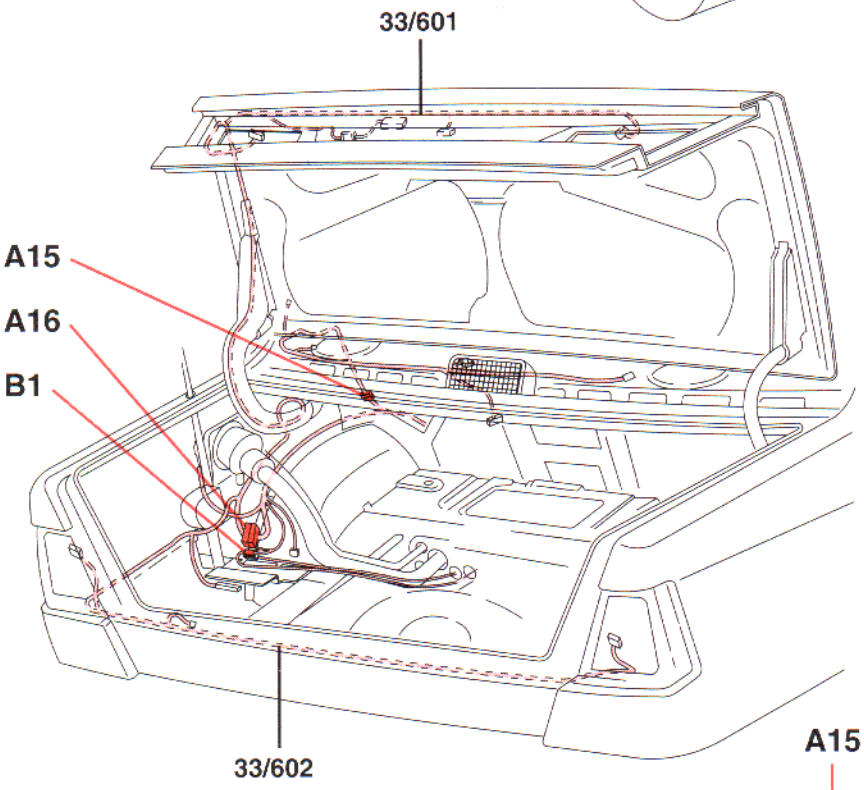


Right rear door cable harness

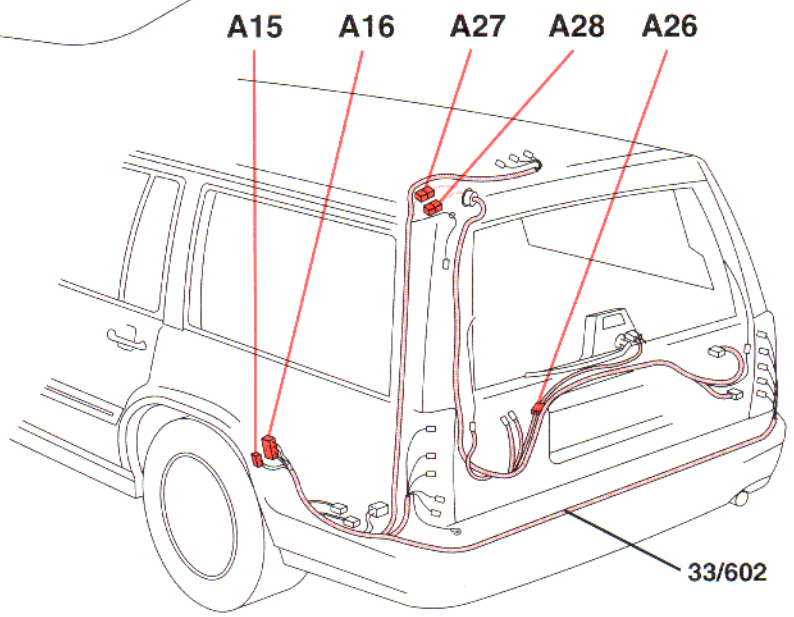


Cable harness routing in car





Rear cable harness
4-door



Rear cable harness
5-door

Cable harness for hi-level
stop (brake) light
5-door

33/100 (Relay/fusebox in engine compartment)

On/Off		Color	Remarks
11A/4	**Fuse, at battery**	**W**	
2/32:1,2	Main relay fuel system	W	
11B/1	Fuse, engine compartment	W	

33/101 (Relay/fusebox in engine compartment)

On/Off		Color	Remarks
11A/6	**Fuse, at battery**	**P**	
2/35:1	Relay starter motor	P	
2/53:1	Relay for air pump	P	
11B/16-18	Fuses, engine compartment	P	

33/102 (Relay/fusebox in engine compartment)

On/Off		Color	Remarks
11A/8	**Fuse, at battery**	**BL**	
2/1:1A	Main headlight relay with bulb failure warning sensor	BL	
2/61:1	Relay side marker/parking lights	BL	

33/103 (Relay/fusebox in engine compartment)

On/Off		Color	Remarks
31/2	**Ground point left front fender (wing)**	**SB**	
2/66:4	Foglight relay	SB	
17/11A:8	Data Link Connector DLC	SB	
34/42:1	Connector: terminal block in relay-/fusebox engine compartment	SB	

33/104 (Relay/fusebox in engine compartment)

On/Off		Color	Remarks
3/1:15	**Ignition switch**	**BL**	
2/23:2	Fuel pump relay (via multi-connector A1/A:20 at left A-post)	BL	
4/12:27	Motronic MFI control module	BL	
17/11A:4	Data Link Connector DLC	BL	

Branching points

33/105 (Harness engine compartment)

On/Off		Color	Remarks
4/12:30	**Motronic MFI control module**	**GN-GR**	
7/16:1	Engine temperature sensor MFI system (via multi-connector A3/E:10 in relay/fusebox engine compartment)	GN-GR	
7/21:1	Camshaft position sensor (CMP)	GN-GR	
7/23:2	Knock sensor (KS), rear (via multi-connector A3/D:4 in relay/fusebox engine compartment)	GN-GR	
7/24:2	Knock sensor (KS), front (via multi-connector A3/F:4 in relay/fusebox engine compartment)	GN-GR	
7/37:2	Temperature sensor, EGR (via multi-connector A3/D:12 in relay/fusebox engine compartment)	GN-GR	Only B6304F (certain markets), B6254F, B6244F (Thailand)
7/54:1	Throttle position (TP) sensor (via multi-connector A3/F:8 in relay/fusebox engine compartment)	GN-GR	

33/106 (Harness engine compartment)

On/Off		Color	Remarks
11B/5	**Fuse, engine compartment**	**GN**	
4/12:37	Motronic MFI control module	GN	
7/17:5	Mass air flow (MAF) sensor	GN	
33/2	Branch point (Engine harness) (via multi-connector A3/E:14 in relay/fusebox engine compartment)	GN	

33/107 (Harness engine compartment)

On/Off		Color	Remarks
31/6	**Ground point left seat lifter (via multi-connector A1/B:3 at left A-post)**	**SB**	
3/62:B	Alarm switch, hood (bonnet)	SB	
4/28:11	Automatic Transmission Control Module TCM	SB	
10/15:2	Left side flasher light	SB	

33/108 (Harness engine compartment)

On/Off		Color	Remarks
11B/1	**Fuse, engine compartment**	**Y-R**	
3/1:30I	Ignition switch (via multi-connector A1/A:1 at left A-post)	Y-R	
4/12:18	Motronic MFI control module	Y-R	
4/28A:30	Automatic Transmission Control Module TCM	Y-R	

33/109 (Relay/fusebox in engine compartment)

On/Off		Color	Remarks
33/5	**Branch point (Engine harness) (via multi-connector A3/E:13 in relay/fusebox engine compartment)**	**BN**	
3/42:2	Kickdown switch	BN	
4/12:19 7/15:3	Motronic MFI control module Oxygen sensor (HO2S) (via multi-connector A3/F:7 in relay/fusebox engine compartment)	BN BN	
4/28A:12	Automatic Transmission Control Module TCM	BN	
7/17:1	Mass air flow (MAF) sensor	BN	

33/110 (Relay/fusebox in engine compartment)

On/Off		Color	Remarks
11B/8:2	**Fuse, engine compartment**	**W-SB**	
3/7:6	Foglight switch (+) (via connector A8:13 Engine compartment harness - dashboard harness)	W-SB	
10/5:1	Left front fog light	W-SB	
10/6:1	Right fog light assy.	W-SB	

33/111 (Harness engine compartment)

On/Off		Color	Remarks
31/2	**Ground point left front fender (wing)**	**SB**	
2/1A:8	Main headlight relay with bulb failure warning sensor	SB	
6/2:2	Washer motor front	SB	
6/4:3	Left headlight wiper motor	SB	
6/30:2	Tailgate washer motor	SB	
7/4:2	Brake fluid level sensor (-)	SB	
7/5:2	Washer fluid level sensor	SB	
10/1:4	Left front light	SB	
10/5:2	Left front fog light	SB	
10/9:3	Left side marker light and turn signal, front	SB	Only USA/CDN
10/13:3	Left turn signal, front	SB	Only EU/OS

33/112 (Harness engine compartment)

On/Off		Color	Remarks
31/1	**Ground point right front fender (wing)**	**SB**	
6/3:3	Right headlight wiper motor	SB	
7/38:1	Low speed pressure sensor engine cooling fan FC	SB	
7/40:1	High speed pressure sensor engine cooling fan FC	SB	
10/2:4	Right front light	SB	
10/6:2	Right fog light assy.	SB	
10/10:3	Right side marker light and turn signal, front	SB	Only USA/CDN
10/14:3	Right turn signal, front	SB	Only EU/OS

Branching points

33/113 (Relay/fusebox in engine compartment)

On/Off		Color	Remarks
11B/10:2	**Fuse, engine compartment**	**W**	
A13:1	Connector foglight bridge	W	
10/11:1	Left side marker light, front	W	Only USA/CDN
10/11:3	Left side marker light, front	W	Only EU/OS

33/119 (Harness engine compartment)

On/Off		Color	Remarks
33/303	**Branch point (Dashboard harness)** **(via connector A8:5** **Engine compartment harness - dashboard harness)**	**GR-R**	
6/38:B1	Beam length control, left actuator	GR-R	
6/39:B1	Beam length control, right actuator	GR-R	

33/120 (Harness engine compartment)

On/Off		Color	Remarks
33/301	**Branch point (Dashboard harness)** **(via connector A8:7** **Engine compartment harness - dashboard harness)**	**SB**	
6/38:A	Beam length control, left actuator	SB	
6/39:A	Beam length control, right actuator	SB	

33/121 (Harness engine compartment)

On/Off		Color	Remarks
3/59:4	**Beam length control (Dashboard harness)** **(via connector A8:6** **Engine compartment harness - dashboard harness)**	**GR**	
6/38:B2	Beam length control, left actuator	GR	
6/39:B2	Beam length control, right actuator	GR	

33/126 (Relay/fusebox in engine compartment)

On/Off		Color	Remarks
11A/2	**Fuse, at battery**	**Y**	
2/2:1	Foglight relay	Y	
33/205	Branch point (In-car harness, in fusebox) (via connector A4:1 Engine compartment harness - in-car harness)	Y	

33/200 (In-car harness)

On/Off		Color	Remarks
34/18:8, 13, 20	**Connector: terminal block in central relay module in-car**	**BN-SB**	
33/300	Branch point (Dashboard harness) (via multi-conntector A1/E:2 at left A-post)	BN-SB	

33/201 (In-car harness)

On/Off		Color	Remarks
34/19:8, 19-20	Connector: terminal block at parking brake bracket	SB	

33/203 (In-car harness)

On/Off		Color	Remarks
33/232	**Branch point (In-car harness)**	**SB**	
2/7A:2	Central locking/delayed courtesy lighting relay	SB	
3/100:1	Locking module driver door	SB	

33/204 (In-car harness, in fusebox)

On/Off		Color	Remarks
11A/1	**Fuse, at battery (via connector A4:2 Engine compartment harness - in-car harness)**	**R**	
2/30:1	Overload relay X+	R	
11C/1-2	Fuse, in-car	R	
11C/3-4	Fuse, in-car	R	

33/205 (In-car harness, in fusebox)

On/Off		Color	Remarks
33/126	**Branch point (Relay/fusebox in engine compartment) (via connector A4:1 Engine compartment harness - in-car harness)**	**Y**	
11C/13-15	Fuse, in-car	Y	
11C/16-18	Fuse, in-car	Y	
11C/CB1:1	Automatic fuse, in-car	Y	

33/207 (In-car harness, in fusebox)

On/Off		Color	Remarks
2/6:3	**Overload relay 15l**	**P**	
11C/19-21	Fuses, in-car	P	
11C/22-23	Fuses, in-car	P	
11C/CB2:1	Automatic fuse, in-car	P	

33/208 (In-car harness)

On/Off		Color	Remarks
3/1:15A	**Ignition switch**	**R-SB**	
2/28B:4	Car alarm relay	R-SB	
5/1:A2	Combined instrument (via multi-connector A1/C:5 at left A-post)	R-SB	
11C/11	Fuse, in-car	R-SB	
11C/12	Fuse, in-car	R-SB	

Branching points

33/209 (In-car harness)

On/Off		Color	Remarks
6/26:D+	**Generator (via multi-connector A1/B:2 at left A-post) and multi-connector A3/D:2 in relay/fusebox engine compartment)**	**R**	
4/6A:20	Control module, ECC (via connector A10:5 In-car harness - ECC harness)	R	
4/9:19	SRS crash sensor module	R	Only USA/CDN
4/9:28	SRS crash sensor module	R	Only EU/OS
4/16:15	ABS control module (via connector A14:6 Anti-lock braking system ABS harness - in-car harness)	R	
5/1C:3	Combined instrument (via multi-connector A1/C:3 at left A-post)	R	

33/211 (In-car harness)

On/Off		Color	Remarks
3/9:2	**Stop (Brake) light switch**	**Y-BN**	
4/3B:6	Control module, Cruise control	Y-BN	
4/16:25	ABS control module (via connector A14:5 Anti-lock braking system ABS harness - in-car harness)	Y-BN	Automatic transmission only
4/28B:10	Automatic Transmission Control Module TCM (via multi-connector A1/A:15 at left A-post)	Y-BN	
7/1:12	Bulb failure warning sensor, rear (via connector A16:13 In-car harness - rear harness)	Y-BN	Only USA/CDN
7/1:12 D5:6	Bulb failure warning sensor, rear Towing hitch connector (via connector A16:13 In-car harness - rear harness)	Y-BN Y-BN	Only EU/OS Only EU/OS

33/216 (In-car harness)

On/Off		Color	Remarks
11C/CB2:2	**Automatic fuse, in-car**	**Y-R**	
3/20:4	Front passenger power window switch (via connector A33:24 In-car harness - front passenger door harness)	Y-R	
3/25:4	Switch, power sunroof (via multi-connector A1/C:13 at left A-post)	Y-R	
33/402	Branch point (Driver door harness) (via connector A32:20 In-car harness - driver door harness)	Y-R	

33/217 (In-car harness)

On/Off		Color	Remarks
11C/21:2	**Fuse, in-car**	**Y-GR**	
2/5:4	Seatbelt reminder/key warning relay	Y-GR	
2/15:2	Relay, exhaust temperature sensor	Y-GR	
2/44:1	Relay rear window/door mirror heating	Y-GR	
3/9:4	Stop (Brake) light switch	Y-GR	
5/1A:7	Combined instrument (via multi-conntector A1/E:4 at left A-post)	Y-GR	
7/1:11	Bulb failure warning sensor, rear (via connector A16:4 In-car harness - rear harness)	Y-GR	Only USA/CDN
7/1:8 D5:10	Bulb failure warning sensor, rear Towing hitch connector (via connector A16:4 In-car harness - rear harness)	Y-GR Y-GR	Only EU/OS

33/218 (In-car harness)

On/Off		Color	Remarks
11C/6:2	**Fuse, in-car**	**Y**	
2/4:5	Windshield wiper intermittent relay	Y	
3/12:5	Switch, windshield wipe/wash	Y	
6/1:1	Windshield wiper motor	Y	
34/42:14	Connector: terminal block in relay/fusebox engine compartment (via multi-connector A1/A:23 at left A-post)	Y	

33/219 (In-car harness)

On/Off		Color	Remarks
11C/13:2	**Fuse, in-car**	**GN-R**	
4/19:5 10/30:1	Remote control module, central lock/anti-theft alarm Door edge light, driver door (via connector A32:1 In-car harness - driver door harness)	GN-R GN-R	
10/31:1	Door edge light passenger side front (via connector A33:1 In-car harness - front passenger door harness)	GN-R	
10/32:1	Warning lamp, left rear door (via connector A32:1 In-car harness - driver door harness) och connector A36:3 In-car harness - left rear door harness)	GN-R	
10/33:1	Warning lamp, right rear door (via connector A33:1 In-car harness - front passenger door harness) and connector A37:3 In-car harness - right rear door harness)	GN-R	
10/114:1	Vanity mirror lighting, left side	GN-R	
10/115:1	Vanity mirror lighting, right side	GN-R	
A31:4	Connector (In-car harness - interior lighting harness)	GN-R	

Branching points

33/220 (In-car harness)

On/Off		Color	Remarks
2/28A:3	**Car alarm relay**	**GN**	
3/3:3	**Switch, Turn signal/High (main) and low beams**	**GN**	
3/6:5	**Switch, hazard lights with flasher relay (via multi-connector A1/D:8 at left A-post)**	**GN**	
10/9:2	Left side marker light and turn signal, front (via multi-connector A1/B:17 at left A-post)	GN	
10/15:1	Left side flasher light (via multi-connector A1/B:8 at left A-post)	GN	
10/54:3K	Light, left turn signal, rear (via connector A16:7 In-car harness - rear harness)	GN	Only USA/CDN
10/54:3K D5:1	Light, left turn signal, rear Towing hitch connector (via connector A16:7 In-car harness - rear harness)	GN GN	Only EU/OS

33/221 (In-car harness)

On/Off		Color	Remarks
2/28A:5	**Car alarm relay**	**BL-GN**	
3/3:7	**Switch, Turn signal/High (main) and low beams**	**BL-GN**	
3/6:4	**Switch, hazard lights with flasher relay (via multi-connector A1/D:9 at left A-post)**	**BL-GN**	
10/14:2	Right turn signal, front (via multi-connector A1/B:18 at left A-post)	BL-GN	
10/16:1	Right side flasher light (via connector A14:8 Anti-lock braking system ABS harness - in-car harness)	BL-GN	
10/47:3K	Lamp, right turn signal, rear (via connector A16:8 In-car harness - rear harness)	BL-GN	Only USA/CDN
10/47:3K D5:4	Lamp, right turn signal, rear Towing hitch connector (via connector A16:8 In-car harness - rear harness)	BL-GN BL-GN	Only EU/OS

33/222 (In-car harness)

On/Off		Color	Remarks
3/22:2	**Rear power windows switch (via connector A32:19 In-car harness - driver door harness)**	**P**	
3/19:4	Power window switch driver side rear (via connector A36:5 In-car harness - left rear door harness)	P	
3/21:4	Power window switch passenger side rear (via connector A37:5 In-car harness - right rear door harness)	P	

33/223 (In-car harness)

On/Off		Color	Remarks
11C/8:2	**Fuse, in-car**	**OR**	
2/16:1	Tailgate wiper intermittent relay (via connector A16:1 In-car harness - rear harness)	OR	
3/13:4	Tailgate wash/wipe switch	OR	
3/24:2	Switch power door mirror passenger side (via connector A32:10 In-car harness - driver door harness)	OR	
3/27:2	Controls module passenger seat	OR	
4/52:2	Power seat control module, driver, with NVRAM memory	OR	

33/224 (In-car harness)

On/Off		Color	Remarks
11C/19:2	**Fuse, in-car**	**BL-Y**	
3/4:2	Cruise control stalk	BL-Y	
3/6:9	Switch, hazard lights with flasher relay (via multi-connector A1/D:10 at left A-post)	BL-Y	
3/10:1	Backup (reversing) light switch (via multi-connector A1/B:9 at left A-post) and multi-connector A3/C:14 in relay/fusebox engine compartment	BL-Y	Manual transmission only
3/71:1	Transmission range selector indicator (via multi-connector A1/B:9 at left A-post) and multi-connector A3/C:14 in relay/fusebox engine compartment	BL-Y	Automatic transmission only
4/3B:1	Control module, Cruise control	BL-Y	

33/225 (In-car harness, in fusebox)

On/Off		Color	Remarks
11C/CB1:2	**Automatic fuse, in-car**	**R-SB**	
3/27:1	Controls module passenger seat	R-SB	
4/52:1	Power seat control module, driver, with NVRAM memory	R-SB	

33/226 (In-car harness)

On/Off		Color	Remarks
31/6	**Ground point left seat lifter**	**SB**	
4/52:31	Power seat control module, driver, with NVRAM memory	SB	
6/34:4	Power antenna	SB	
10/22:1	Dome light (interior lighting)	SB	
10/26:2	Reading light, left rear (via connector A31:2 In-car harness - interior lighting harness)	SB	
D5:3	Towing hitch connector	SB	

Branching points

33/227 (In-car harness)

On/Off		Color	Remarks
31/6	**Ground point left seat lifter**	**SB**	
3/13:3	Tailgate wash/wipe switch	SB	
4/3B:3	Control module, Cruise control	SB	
4/19:1	Remote control module, central lock/anti-theft alarm	SB	
5/1B:5	Combined instrument (via multi-connector A1/C:12 at left A-post)	SB	
6/33-2:4	Fuel pump	SB	
9/1:1	Cigar lighter (via multi-connector A1/F:1 at left A-post)	SB	Not sunroof
10/114:2	Vanity mirror lighting, left side	SB	
33/301	Branch point (Dashboard harness) (via multi-conntector A1/E:1 at left A-post)	SB	
33/304	Branch point (Dashboard harness) (via multi-connector A1/F:1 at left A-post)	SB	
33/401	Branch point (Driver door harness) (via connector A32:21 In-car harness - driver door harness)	SB	

33/229 (In-car harness)

On/Off		Color	Remarks
2/7B:2	**Central locking/delayed courtesy lighting relay**	**W-SB**	
3/31	Door switch, driver door (via multi-connector A1/A:4 at left A-post)	W-SB	
3/32	Door switch front passenger door (via connector A14:11 Anti-lock braking system ABS harness - in-car harness)	W-SB	
3/33	Door switch rear left	W-SB	
3/34	Door switch rear right	W-SB	
10/97:2	Entry lighting, driver side	W-SB	
10/102:2	Entry lighting, passenger side	W-SB	

33/231 (In-car harness)

On/Off		Color	Remarks
2/44:3	**Relay rear window/door mirror heating**	**Y**	
3/8:6	Switch with timer relay heated rear window/door mirrors (via multi-conntector A1/E:14 at left A-post)	Y	
9/2:1	Heated rear window (via connector A15:9 In-car harness - parcel shelf harness)	Y	Only 4-door
9/2:1	Heated rear window (via connector A15:9 In-car harness - rear harness) and connector A27:1 Rear harness - tailgate harness)	Y	Only 5-door

33/232 (In-car harness)

	On/Off	Color	Remarks
31/10	**Ground point right seat lifter**	**SB**	
3/13:3	Tailgate wash/wipe switch	SB	
3/27:3	Controls module passenger seat	SB	
4/19:1	Remote control module, central lock/anti-theft alarm	SB	
6/14:3	Power door mirror passenger side (via connector A33:21 In-car harness - front passenger door harness)	SB	
9/23:2	Heated passenger seat	SB	
10/115:2	Vanity mirror lighting, right side	SB	
33/203	Branch point (In-car harness)	SB	
33/500	Branch point (ECC harness) (via connector A11:2 In-car harness - ECC harness)	SB	
D10:1	Connector (In-car harness - accessories)	SB	

33/235 (In-car harness)

	On/Off	Color	Remarks
7/33:2	**Vehicle Speed Sensor VSS and Anti-lock braking ABS**	**GN-W**	
4/16:7	ABS control module (via connector A14:1 Anti-lock braking system ABS harness - in-car harness)	GN-W	
5/1A:5	Combined instrument (via multi-connector A1/C:2 at left A-post)	GN-W	

33/236 (In-car harness)

	On/Off	Color	Remarks
3/63:6	**Driving mode selector, automatic transmission**	**BN-OR**	
4/28B:2	Automatic Transmission Control Module TCM (via multi-connector A1/A:11 at left A-post)	BN-OR	
5/1A:6	Combined instrument (via multi-connector A1/E:9 at left A-post)	BN-OR	

33/300 (Dashboard harness)

	On/Off	Color	Remarks
3/70:2	**Clock/rheostat switch**	**BN-SB**	
3/2:1	Light switch	BN-SB	
3/6:2	Switch, hazard lights with flasher relay	BN-SB	
3/7:2	Foglight switch (+)	BN-SB	
3/8:2	Switch with timer relay heated rear window/door mirrors	BN-SB	
3/25:2	Switch, power sunroof	BN-SB	
3/59:2	Beam length control	BN-SB	
5/1B:12	Combined instrument	BN-SB	
10/37:2	Cigar lighter lighting	BN-SB	
10/72:2	Ashtray lighting, front	BN-SB	
16/1A:10	Radio	BN-SB	
D8:2	Connector: (Dashboard harness - outer temp. sensor)	BN-SB	
33/200	Branch point (In-car harness) (via multi-connector A1/E:2 at left A-post)	BN-SB	

Branching points

33/301 (Dashboard harness)

On/Off		Color	Remarks
33/227	**Branching point (via multi-connector A1/E:1 at left A-post)**	**SB**	
3/2:10	Light switch	SB	
3/6:3	Switch, hazard lights with flasher relay	SB	
3/7:5	Foglight switch (+)	SB	
3/8:5	Switch with timer relay heated rear window/door mirrors	SB	
3/59:5	Beam length control	SB	
3/70:5	Clock/rheostat switch	SB	
10/29:2	Glove compartment lighting	SB	
10/37:1	Cigar lighter lighting	SB	
10/72:1	Ashtray lighting, front	SB	
16/1A:11	Radio	SB	
33/120	Branch point (Engine compartment harness) (via connector A8:7 Engine compartment harness - dashboard harness)	SB	
D8:1, 4	Connector: (Dashboard harness - outer temp. sensor)	SB	

33/303 (Dashboard harness)

On/Off		Color	Remarks
11C/10:2	**Fuse, in-car (via multi-connector A1/E:7 at left A-post)**	**GR-R**	
3/59:3	Beam length control	GR-R	
9/1:2	Cigar lighter	GR-R	
33/119	Branch point (Engine compartment harness) (via connector A8:5 Engine compartment harness - dashboard harness)	GR-R	

33/304 (Dashboard harness)

On/Off		Color	Remarks
33/227	**Branch point (In-car harness) (via multi-connector A1/F:1 at left A-post)**	**SB**	
3/25:5	Switch, power sunroof	SB	
9/1:1	Cigar lighter	SB	Only sun roof

33/305 (Dashboard harness)

On/Off		Color	Remarks
2/1E:7	**Main headlight relay with bulb failure warning sensor (via connector A9:1 Engine compartment harness - dashboard harness)**	**P-SB**	
7/1:11	**Bulb failure warning sensor, rear (via multi-connector A1/E:10 at left A-post) and connector A16:14 In-car harness - rear harness)**	**P-SB**	
5/1C:2	Combined instrument	P-SB	

33/306 (Dashboard harness)

On/Off		Color	Remarks
11C/18:2	**Fuse, in-car (via multi-connector A1/F:2 at left A-post)**	**GN-GR**	
16/1A:4,13	Radio	GN-GR	
16/15:30	Compact Disc changer (via connector A43:1 Dashboard harness - CD changer harness)	GN-GR	

33/307 (Dashboard harness)

On/Off		Color	Remarks
31/18	**Ground terminal at tunnel (Radio) (via connector A17:1 In-car harness - dashboard harness)**	**SB**	
16/1A:6,14	Radio	SB	
16/15:31	Compact Disc changer (via connector A43:2 Dashboard harness - CD changer harness)	SB	

33/401 Driver door harness

On/Off		Color	Remarks
33/227	**Branch point (In-car harness) (via connector A32:21 In-car harness - driver door harness)**	**SB**	
2/20:5	Autodown relay	SB	
3/15:5	Power window switch, driver door for driver door	SB	
3/16:5	Power window switch, driver door for driver side rear	SB	
3/17:5	Power window switch driver door for front passenger side	SB	
3/18:5	Power window switch, driver door for passenger side rear	SB	
3/23:4	Switch power door mirror driver side	SB	
3/24:4	Switch power door mirror passenger side	SB	
6/13:3	Power door mirror driver side	SB	

33/402 Driver door harness

On/Off		Color	Remarks
33/216	**Branch point (In-car harness) (via connector A32:20 In-car harness - driver door harness)**	**Y-R**	
2/20:3	Autodown relay	Y-R	
3/15:4	Power window switch, driver door for driver door	Y-R	
3/16:4	Power window switch, driver door for driver side rear	Y-R	
3/17:4	Power window switch driver door for front passenger side	Y-R	
3/18:4	Power window switch, driver door for passenger side rear	Y-R	
3/22:1	Rear power windows switch	Y-R	

Branching points

33/500 (ECC harness)

On/Off		Color	Remarks
33/232	**Branch point (In-car harness) (via connector A11:2 In-car harness - ECC harness)**	**SB**	
4/6:3A	Control module, ECC	SB	
4/31A:1	Blower fan control module	SB	
4/40A:3	MCC control module	SB	
6/28:2	Blower fan	SB	Not ECC
10/113:1	Alarm diode	SB	

33/501 (ECC harness)

On/Off		Color	Remarks
11C/7:2	**Fuse, in-car (via connector A11:1 In-car harness - ECC harness)**	**OR**	
4/6:2, 21	Control module, ECC	OR	
4/40A:1 4/40C:1	MCC control module	OR	
6/28:1	Blower fan	OR	Only ECC
8/2:1	ECC/MCC solenoid valve	OR	

33/601 (Rear harness, only 4-door models)

On/Off		Color	Remarks
31/13	**Ground point in cargo area**	**SB**	
10/3:2	License plate light	SB	
10/17:5B	Right tail light	SB	
10/18:5B	Left tail light	SB	

33/602 (Rear harness)

On/Off		Color	Remarks
31/11	**Ground point left tail light assy.**	**SB**	Only 5-door
31/13	**Ground point in cargo area**	**SB**	Only 4-door
2/16:31	Tailgate wiper intermittent relay	SB	
3/78:8	Lock module, trunk (boot)	SB	
7/1:9	Bulb failure warning sensor, rear	SB	
6/32:3	Tailgate wiper motor	SB	
9/2:2	Heated rear window	SB	Only 5-door
10/3:2	License plate light	SB	Only 5-door
10/19:2	High-level brake light (via connector A27:6 Rear harness - tailgate harness) and connector A26:2 High-level brake light harness - tailgate harness)	SB	Only 5-door
10/17:3K	Right tail light	SB	Only 4-door
10/18:5K	Left tail light	SB	Only 4-door
10/19:2	High-level brake light (via connector A16:16 In-car harness - rear harness) and connector A15:3 In-car harness - parcel shelf harness)	SB	Only 4-door
10/25:2	Cargo area dome light	SB	

33/700 (Anti-lock Braking ABS harness)

On/Off		Color	Remarks
11A/5	**Fuse** **(via connector A39:1** **Anti-lock braking ABS harness - engine compartment harness)**	**R**	
8/15:6	ABS hydraulic modulator	R	
8/15:10	ABS hydraulic modulator	R	

33/701 (Anti-lock Braking ABS harness)

On/Off		Color	Remarks
31/10	**Ground point right seat lifter**	**SB**	
4/16:20, 34	ABS control module	SB	
10/16:2	Right side flasher light	SB	
16/19:2	Car alarm horn	SB	

33/704 (Anti-lock Braking ABS harness)

On/Off		Color	Remarks
4/16:29	**ABS control module**	**GN**	
8/15:11	ABS hydraulic modulator	GN	
5/1C:8	Combined instrument (via connector A14:3 Anti-lock braking system ABS harness - in-car harness) and multi-connector A1/C:1 at left A-post)	GN	

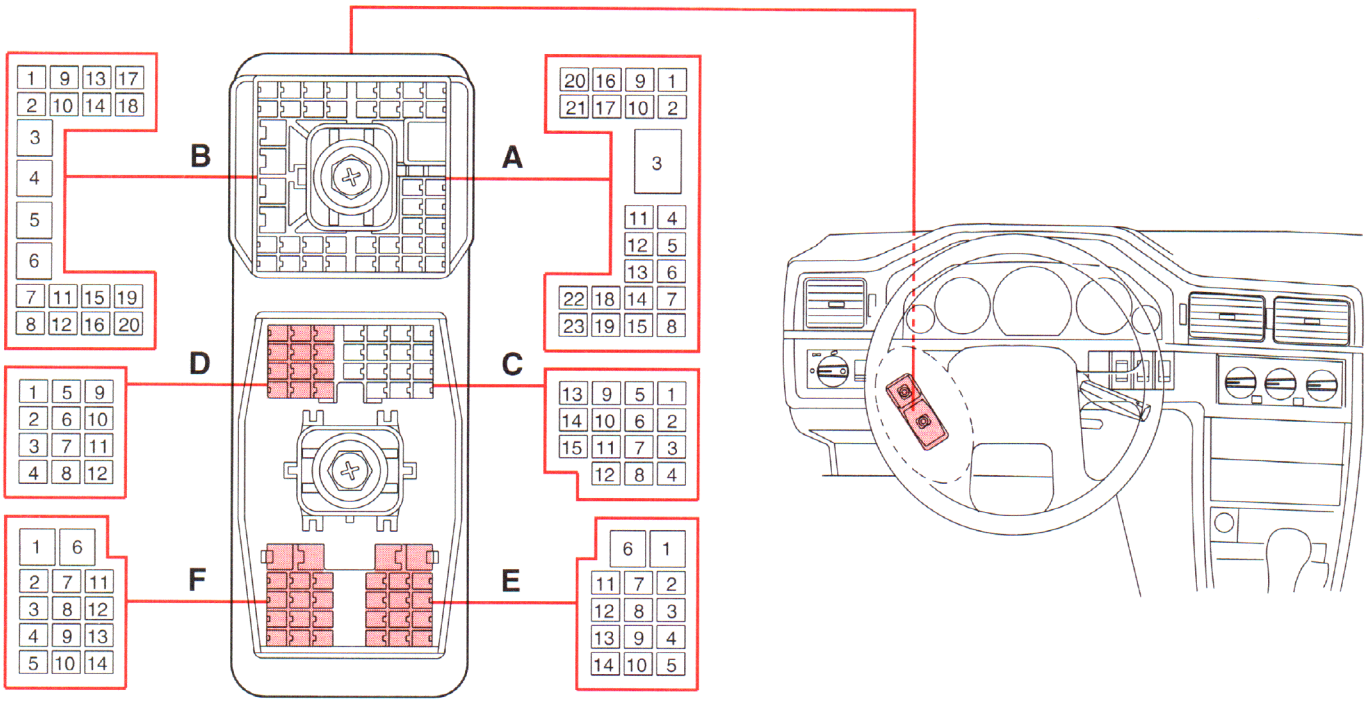
B Cable harness in-car - cable harness engine compartment

Pos.	ON/OFF	Color
1	Starter motor relay, connection 2	P
2	Connector A1/C connection 3	R
3	Ground connection	SB
4	Signal to high beam indicator light via connector A8	BL-GR
5	Tailgate washer motor	BL-OR
6	Hi/lo beam switch, connection 8	BL-W
7	Switch, high/low beam, connection 1	GN-GR
8	Left side indicator light (not USA/CDN)	GN
9	15I supply to backup (reversing) lights	BL-Y
10	Backup (reversing) lights	GR-SB
11		
12	Control module, cruise control, connection E:3	P-SB
13	Parking lights and registration plate lights	W
14	Parking lights	GR
15	Cruise control vacuum pump, connection 3	Y-W
16	Cruise control vacuum pump, connection 1	OR
17	Turn signal, left front	GN
18	Turn signal, right front	BL-GN
19	Cruise control vacuum pump, connection 2	GN-BN
20	OBDII (Diagnostic) socket connection 2	Y

C Cable harness in-car - dashboard cable harness

Pos.	ON/OFF	Color
1	Combined instrument connection C:8, ABS indicator lamp	GN
2	Combined instrument connection A:5, speedometer signal	GN-W
3	Combined instrument connection C:3	R
4	Combined instrument connection A:11	OR-SB
5	Combined instrument connection A:2, 15A+ supply	R-SB
6		
7	Combined instrument, connection C:7	GR-W
8	Combined instrument, connection C:9	GR-OR
9	Relay, exhaust temperature sensor	W
10	Combined instrument connection, B:2 fuel gauge +	OR-W
11	Combined instrument connection, B:3, fuel gauge -	BN
12	Combined instrument connection B:5, ground	SB
13	Power sunroof switch, connection 4	Y-R
14	Power sunroof switch, connection 3	BL
15	Power sunroof switch, connection 1	R

Multi-connector A1 under dashboard at left A-post



D Cable harness in-car - dashboard cable harness

Pos.	ON/OFF	Color
1	Light switch, connection 6	GN-Y
2		
3	Rear fog lights	GR
4	Combined instrument connection A:4, ground	SB
5		
6	30+ supply for hazard light switch	R-W
7	Turn signal switch connection 5, from flasher relay	BL-OR
8	Left, flasher light	GN
9	Right, flasher light	BL-GN
10	Flasher relay, connection 9	BL-Y
11	Light switch, connection 9	BL-BN
12	Fog light switch, connection 3	BL-GR

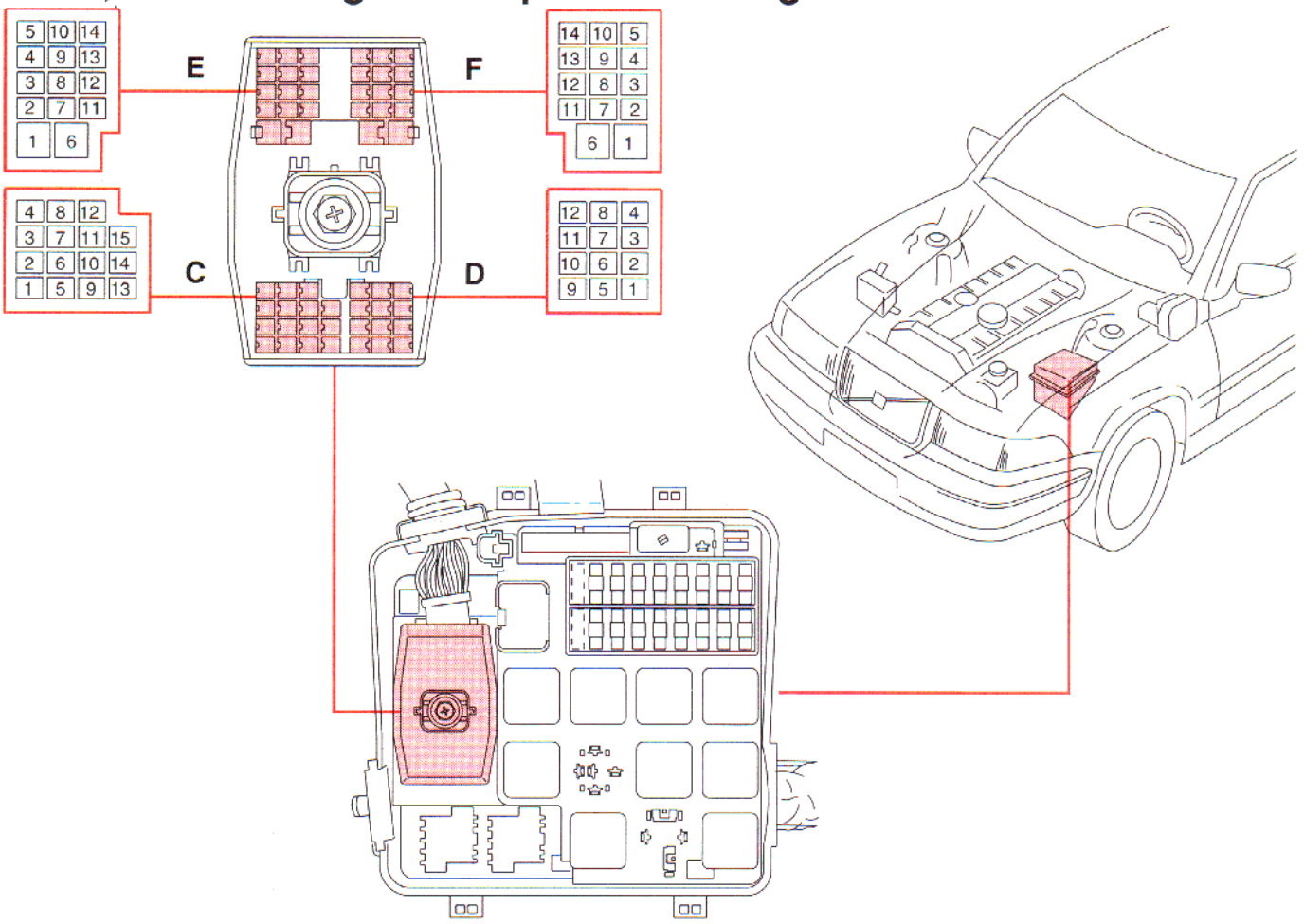
E Cable harness in-car - dashboard cable harness

Pos.	ON/OFF	Color
1	Ground connection	SB
2	Combined instrument, connection B:12	BN-SB
3		
4	Combined instrument, connection A:7	Y-GR
5	Combined instrument, connection A:8	GN-BN
6	Combined instrument, connection B:13 Ambient temperature sensor, connection 3	OR OR
7	X+ supply from fuse 11C/10	GR-R
8	30+ supply for glove compartment and clock	GN-R
9	Combined instrument connection A:6, indicator lamp change indicator	BN-OR
10	Combined instrument connection C:2, indicator lamp bulb malfunction indicator	P-SB
11		
12		
13	Combined instrument connection D:1	Y-GR
14	Heated rear window switch, connection 6	Y

F Cable harness in-car - dashboard cable harness

Pos.	ON/OFF	Color
1	Ground connection	SB
2	30+ supply to: Radio connection A:4 and A:12 (Compact Disc player)	GN-GR
3	Radio connection B:4, left front loudspeaker (+)	W
4	Radio connection B:10, right front loudspeaker (+)	Y-W
5	Radio connection B:2, left rear loudspeaker (+)	GN-W
6	Light switch connection 7	Y-R
7		
8	Radio connection B:6, right rear loudspeaker (+)	BN-W
9	Power antenna connection 3 +signal	R
10	Radio connection B:5, right rear loudspeaker (-)	BN-SB
11	Radio connection A:13, X+ supply	Y-BN
12	Radio connection B:3, left front loudspeaker (-)	W-SB
13	Radio connection B:9, right front loudspeaker (-)	Y-SB
14	Radio connection B:1, left rear loudspeaker (-)	GN-SB

Connector A3 in engine compartment relay/fuse box
Cable harness engine compartment - engine cable harness



C

Pos.	ON/OFF	Color
1	RPM sensor AW30-40/43	W-SB
2	RPM sensor AW30-40/43	GN-SB
3	Oil temperature sensor AW30-40/43	R-W
4	Oil temperature sensor AW30-40/43	OR-W
5	Transmission range selector indicator connection 5 (A)	BL-GR
6	Transmission range selector indicator connection 6 (B)	BN-W
7	Transmission range selector indicator connection 7 (C)	GN-BN
8	Transmission range selector indicator connection 8 (PA)	GN-W
9	Solenoids AW30-40/43, connection 1 (S1)	GN
10	Solenoids AW30-40/43, connection 2 (S2)	GR-OR
11	Solenoids AW30-40/43, connection 3 (SL)	Y
12	Solenoids AW30-40/43, connection 4 (STH)	P
13	Solenoids AW30-40/43, connection 5 (STHG)	BN-SB
14	Backup (reversing) light contact 1 or Transmission range selector indicator connection 1	BL-Y
15	Backup (reversing) light	GR-SB

D

Pos.	ON/OFF	Color
1	50+ supply for Starter motor solenoid Manual transmission AW30-40/43 via Park/Neutral Position Switch PNP, 3/40	BL (BL-P) BL BL-P
2	Generator D+	R
3	Knock sensor (KS), rear	BN-OR
4	Knock sensor (KS), rear	GN-GR
5	Solenoid coupling A/C	GN-Y
6		
7		
8	Temperature sensor, EGR	VO-W
9	Coolant temperature sensor, connection 2 (-)	BN-P
10	Coolant temperature sensor, connection 1 (+)	Y-W
11	Oil pressure sensor (+)	SB
12	Temperature sensor, EGR	GN-GR

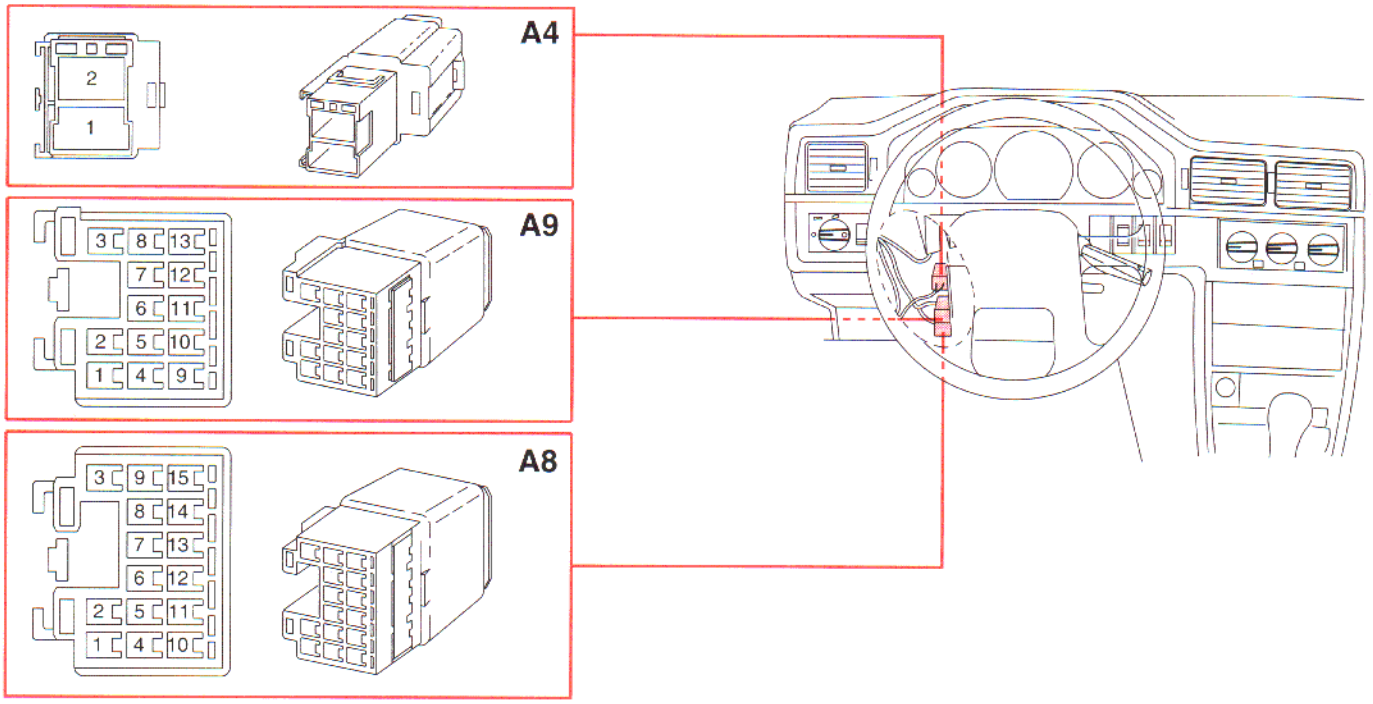
E

Pos.	ON/OFF	Color
1	+ supply for ignition coil	GN-R
2	Power stage Motronic 4.3 MFI 1 connection 2	R-SB
3	Power stage Motronic 4.3 MFI 1 connection 5	BL-GN
4	Power stage Motronic 4.3 MFI 1 connection 7	BL-R
5	Engine temperature sensor, connection 2	GR-W
6		
7	Power stage Motronic 4.3 MFI 2 connection 2	BL-W
8	Power stage Motronic 4.3 MFI 2 connection 5	BL-BN
9	Power stage Motronic 4.3 MFI 2 connection 7	W
10	Engine temperature sensor, connection 1	GN-GR
11	IAC idling valve connection 3	OR-SB
12	IAC idling valve connection 1	GR-R
13	Body connection, ground signal	BN
14	15+ supply for injection valves and IAC idling valve	GN

F

Pos.	ON/OFF	Color
1	Control module Motronic MFI, connection 24, ground	SB
2	Heated oxygen sensor (HO2S) (Lambdasond), connection 4	GN
3	Knock sensor (KS), front	GR
4	Knock sensor (KS), front	GN-GR
5		
6		
7	Heated oxygen sensor (HO2S) (Lambdasond)	BN
8	Throttle position (TP) sensor connection 1	GN-GR
9	Heated oxygen sensor (HO2S) (Lambdasond), connection 1	BL-OR
10	Control module, Motronic 4.3 MFI connection 17, injection signal (-)	BN-GR
11	Throttle position (TP) sensor connection 3	Y-SB
12	Throttle position (TP) sensor connection 2	BL-SB
13		
14	Control module, Motronic 4.3 MFI connection 16, injection signal (-)	P-W

Connectors A4, A8 and A9



A4 2-pin connector, Engine compartment - in-car harness

Pos.	ON/OFF	Color
1	30+ supply for fuses 11C/13 to 11C/18	Y
2	30+ supply for fuses 11C1 to 11C4	R

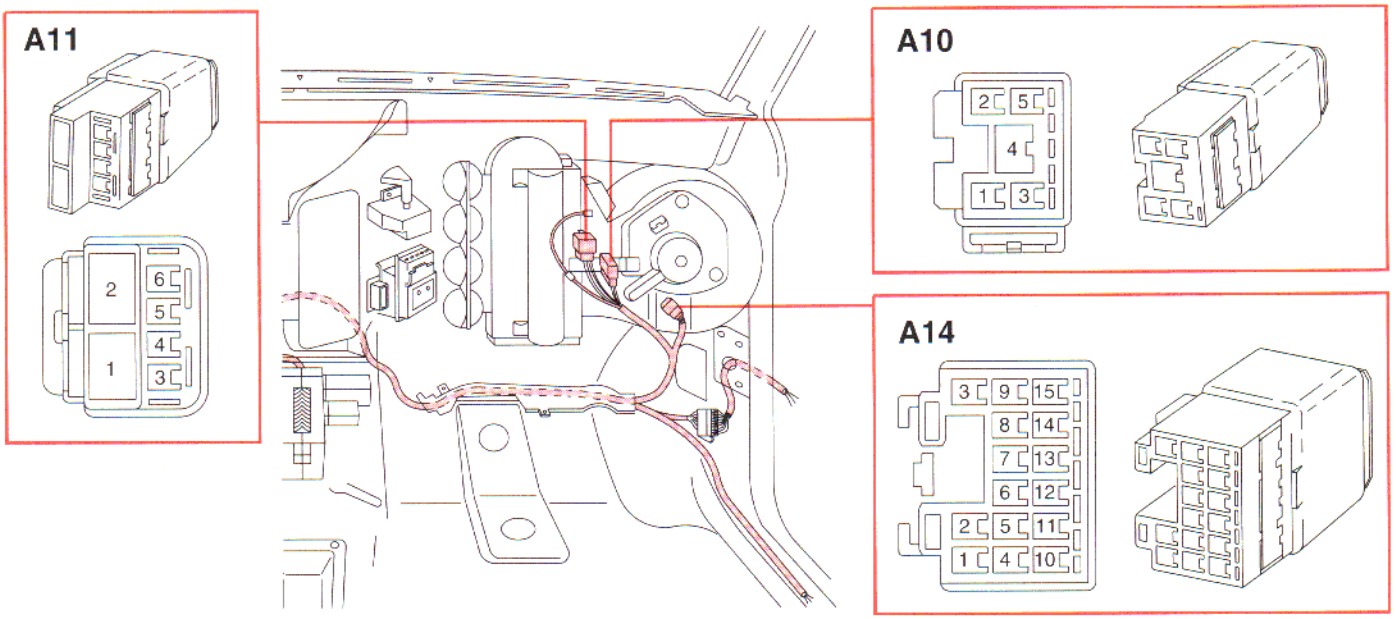
A8 15 pin connector, Engine compartment - dashboard harness

Pos.	ON/OFF	Color
1	Light switch, connection 5	BL-R
2	Light switch, connection 9	BL-BN
3	Combined instrument connection C:5, high beam warning light	BL-GR
4	Light switch, connection 2	BL-W
5	Actuator, beam width control, connection B:1	GR-R
6	Actuator, beam width control, connection B:2	GR
7	Actuator, beam width control, connection A, ground point	SB
8	Engine coolant temperature sensor (-)	BN-P
9	Engine coolant temperature sensor (+)	Y-W
10	Brake fluid level sensor	Y-R
11		
12		
13	Fog light switch, connection 6	W-SB
14		
15		

A9 13-pin connector, Engine compartment - Dashboard harness

Pos.	ON/OFF	Color
1	Main light relay with bulb malfunction indicator, connection E:7	P-SB
2	Fog light switch, connection 1	Y-BN
3	Control module Motronic MFI, connection 15	OR
4	Control module Motronic MFI, connection 6, RPM sensor	R-W
5	Control module Motronic MFI, connection 9	Y-GR
6	Combined instrument connection C:4	SB
7	Washer fluid level sensor	BL-Y
8	Ambient temperature sensor, connection 1	GN-Y
9	Ambient temperature sensor, connection 2	GN-R
10	Control module, transmission AW 30-40/43	GN-GR
11		
12		
13		

Connectors A10, A11 and A14



A10 5-pin connector, in-car - climate unit harness

Pos.	ON/OFF	Color
1	Control module ECC, connection A:6 (speed sensor signal)	Y-GR
2	Control module ECC, connection B:4 (coolant temperature sensor)	GN-SB
3	Control module ECC, connection B:3 (coolant temperature sensor)	GN
4		
5	Control module ECC, connection A:20	R

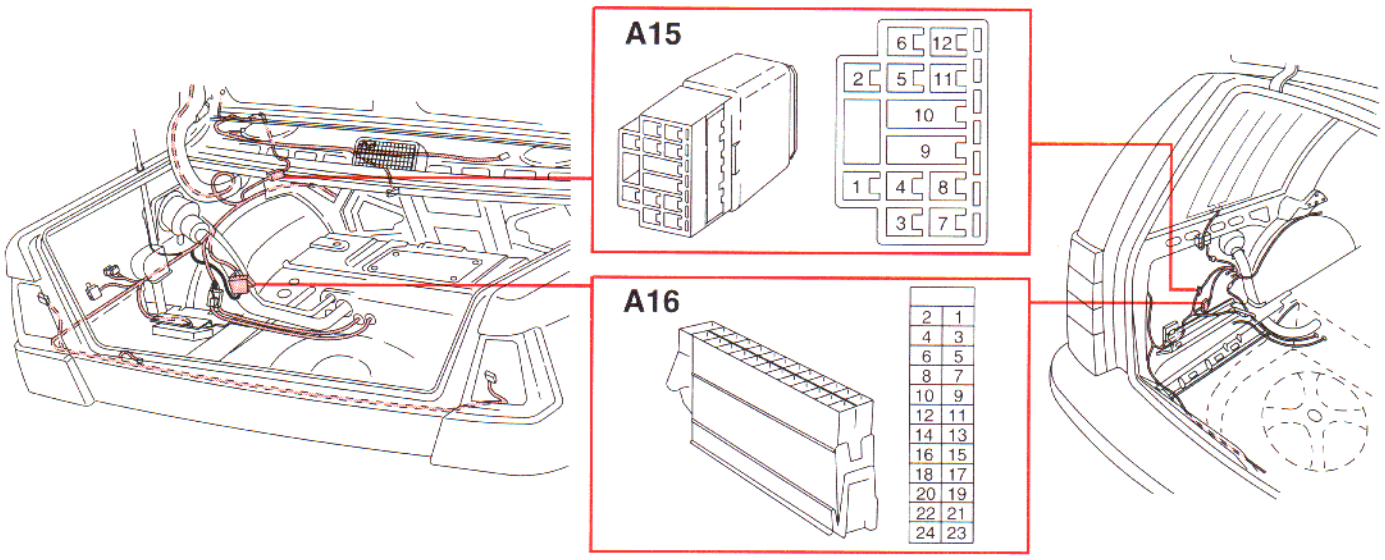
A11 6-pin connector, in-car - climate unit harness

Pos.	ON/OFF	Color
1	X+ supply for climate unit	OR
2	Ground connection blower and control module ECC climate unit	SB
3	Alarm diode, anti-theft alarm	Y-W
4		
5	Controls lighting, control module ECC climate unit	BN-SB
6	Control module ECC climate unit from control module Motronic MFI, connection 41	BN

A14 15-pin connector, in-car - ABS harness

Pos.	ON/OFF	Color
1	ABS control module, connection 7	GN-W
2	+15 A supply for ABS control module, connection 1	BL-R
3	ABS indicator lamp in combined instrument via connector A1/C:1	GN
4	ABS control module, connection 9	BN-W
5	ABS control module, connection 25, Brake signal	Y-BN
6	ABS control module, connection 15	R
7	Engine coolant level sensor, connection 1	GR-OR
8	Right side indicator light (not USA/CDN)	BL-GN
9	Anti-theft alarm relay, connection A:8	BN-OR
10	Door switch, front passenger door	BL-SB
11	Door switch, front passenger door Courtesy lighting Interior lighting w/delay Car alarm relay	W-SB
12		
13		
14		
15		

Connectors A15 and A16



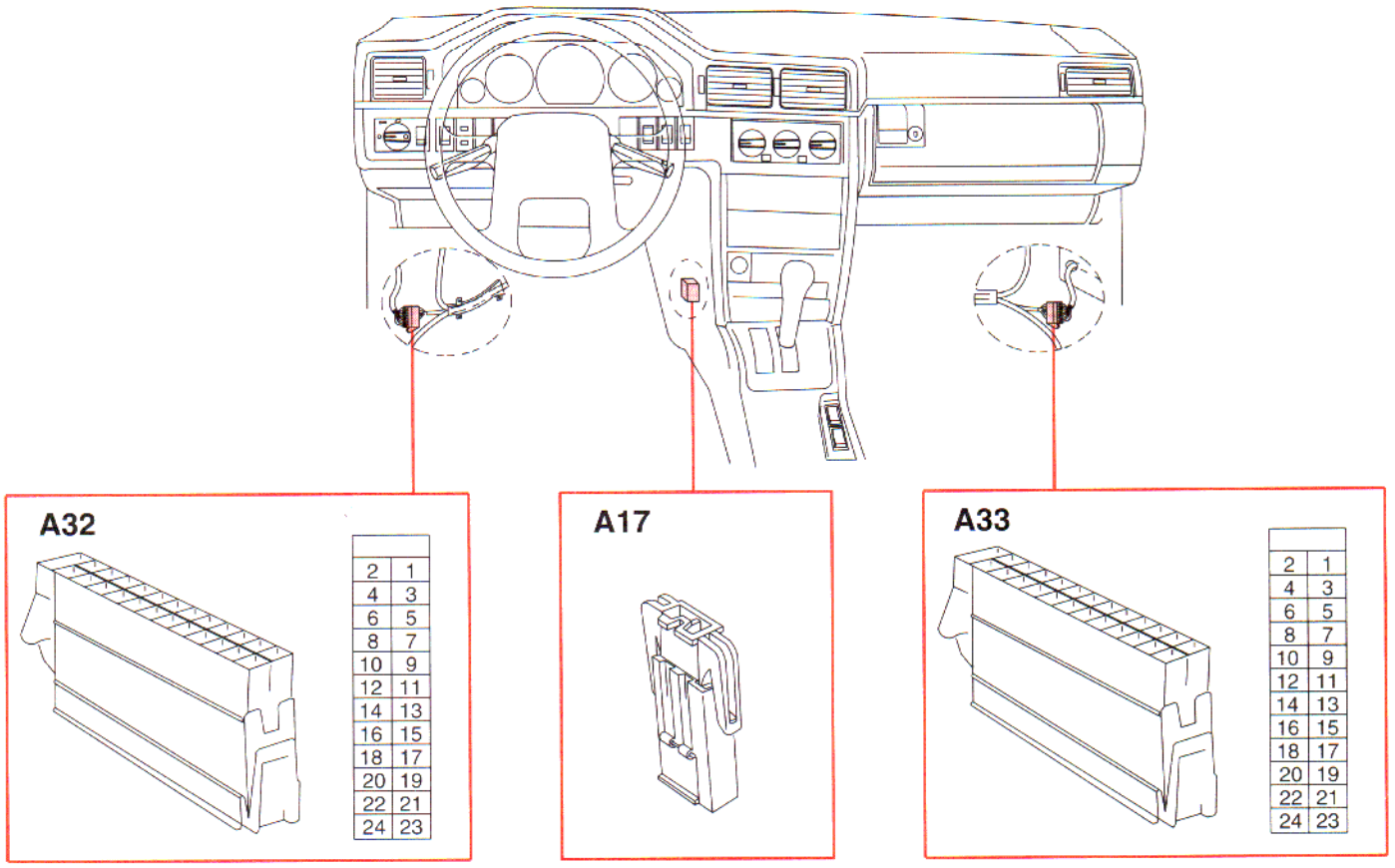
A15 Cable harness in-car - harness parcel shelf (4-door)
Cable harness in-car - rear cable harness (5-door)

Pos.	ON/OFF	Color
1		
2	Extra braking light (not 5-door)	Y-SB
3	Extra braking light ground (not 5-door)	SB
4	30+ supply to trunk lighting	GN-R
5	Connector A16 pos. 9	BL-SB
6		
7	Loudspeaker rear shelf left (+) not 5-door	GN-W
8	Loudspeaker rear shelf left (-) not 5-door	GN-SB
9	Heated rear window	Y
10		
11	Loudspeaker rear shelf right (+) not 5-door	BN-W
12	Loudspeaker rear shelf left (-) not 5-door	BN-SB

A16 Cable harness in-car - rear harness

Pos.	ON/OFF	Color
1	Rear window wiper, intermittent relay, connection 3	OR
2	Rear parking lights License plate lighting	W
3	Rear parking lights	GR
4	Rear bulb malfunction indicator, connection 8, + supply	Y-GR
5	Rear fog light	GR
6	Backup (reversing) light, right tail light, connection B:3	GR-SB
7	Lamp, left turn indicator, rear	GN
8	Lamp, right turn indicator, rear	BL-GN
9	Locking unit tailgate connection 1 Car alarm relay connection B:9 Connector A15 pos. 5	BL-SB (BL-SB) BL-SB BL-SB
10		
11	Locking unit tailgate/central locking motor tailgate +	R-W
12	Locking unit tailgate/central locking motor tailgate -	BL-R
13	Rear bulb malfunction indicator, connection 12, brake light	Y-BN
14	Rear bulb malfunction indicator, connection 11, warning light	P-SB
15	Rear bulb malfunction indicator, connection 10, extra brake light	Y-SB
16	Hi level stop (brake) light, ground terminal (not 5-door)	SB
17	Rear window wiper, intermittent relay, connection 4	BL-OR
18	Rear window wiper, intermittent relay, connection 6	R
19	Rear window wiper, intermittent relay, connection 5	Y
20		
21		
22		
23		
24		

Connectors A17, A32 and A33



A17 Cable harness in-car - dashboard cable harness

Pos.	ON/OFF	Color
1	Radio connection A:6 and A:14, ground Compact Disc changer, ground terminal	SB
2	Switch, power rear window, connection 1	Y-SB

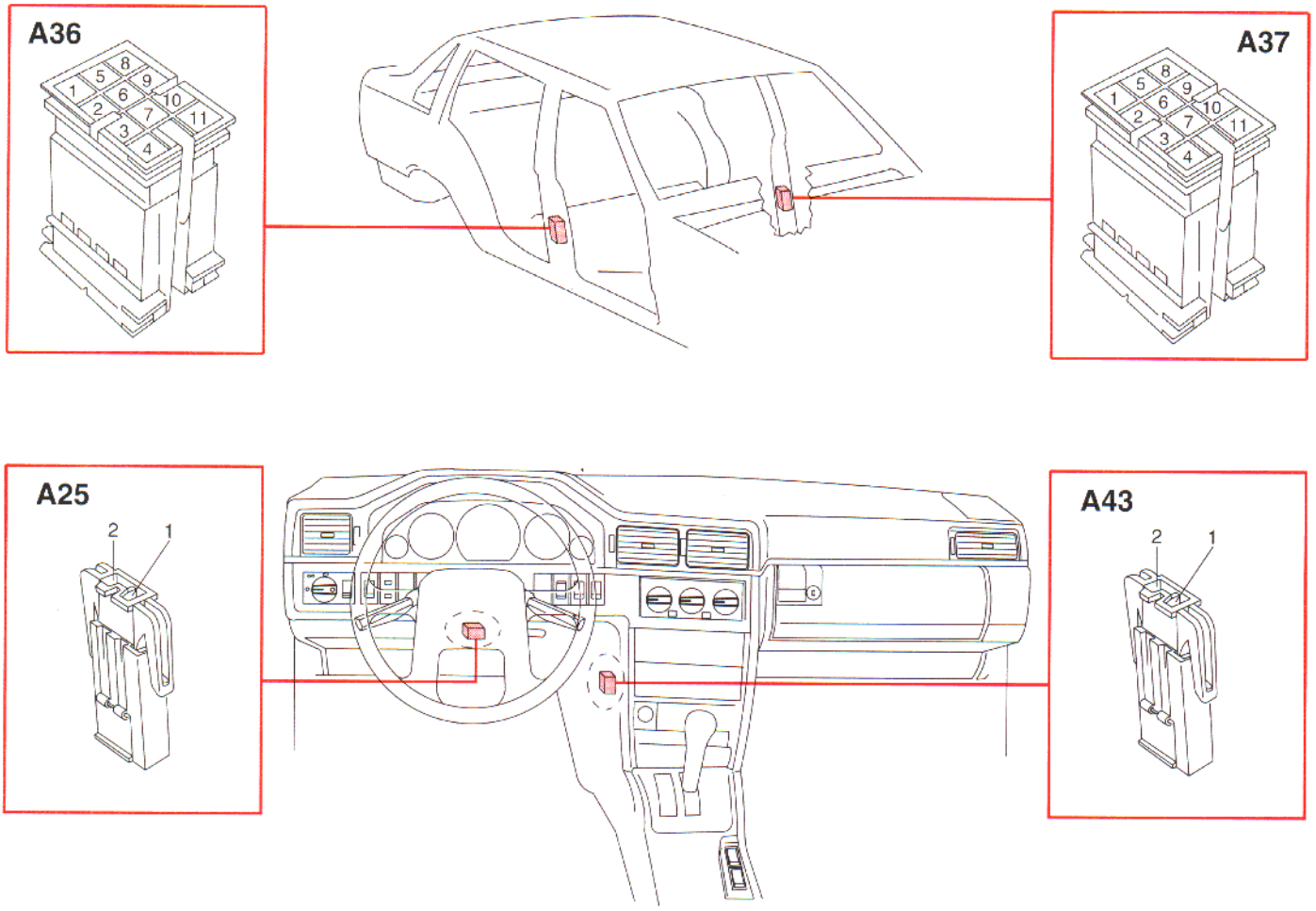
A32 Cable harness in-car - driver door harness

Pos.	ON/OFF	Color
1	Open door warning light	GN-R
2	Open door warning light	BL-SB
3	Loudspeaker +	W
4	Loudspeaker -	W-SB
5	Switch, central locking	R-W
6	Switch, central locking	BL-R
7	Heated door mirrors	BL-GN
8	Switch, heated door mirrors	BL-W
9	Switch, heated door mirrors	BN-W
10	+ supply, heated door mirrors	OR
11	Switch, power mirror	GN-W
12	Power mirror switch, ground terminal	SB
13	Switch, central lock	GN-SB
14	Switch, central lock	BN-SB
15	Switch, power window, right rear	GN-BN
16	Switch, power window, right rear	Y-GR
17	Switch, power window, left rear	GN
18	Switch, power window, left rear	GR
19	ON/OFF switch, power window, rear	P
20	+ supply for switch, power windows	Y-R
21	Ground, power mirror Ground, power window	SB SB
22	Switch, power window passenger door	BL
23	Switch, power window passenger door	BL-R
24	Switch, central lock	Y-SB

A33 Cable harness in-car - passenger door harness

ON/OFF	Color
Open-door, warning light	GN-R
Open-door, warning light	BL-SB
Loudspeaker +	Y-W
Loudspeaker -	Y-SB
Switch, central lock	R-W
Switch, central lock	BL-R
Heated door mirrors	BL-GN
Power door mirrors	BL-W
Power door mirrors	BN-W
Power door mirrors	GN-W
Ground, power door mirrors	SB
Switch, power window	BL
Switch, power window	R
Switch, power window	Y-R

Connectors A25, A36, A3 and A43



A25 Cable harness in-car - pedal mounting harness

Pos.	ON/OFF	Color
1	Cruise control controls connection 1	W-SB
2	Control module cruise control	OR-SB

A36 Cable harness in car - left rear door harness

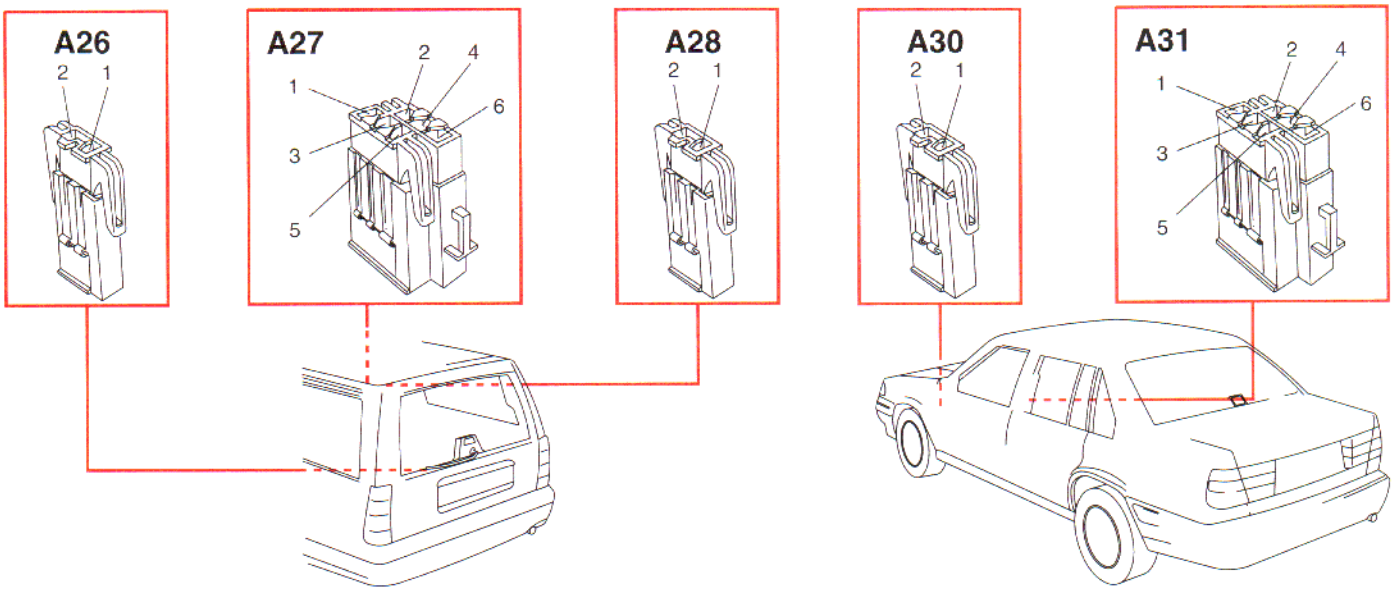
A37 Cable harness in car - right rear door harness

Pos.	ON/OFF	Color	ON/OFF	Color
1	Central locking	R-W	Central locking	R-W
2	Central locking	BL-R	Central locking	BL-R
3	Open door, warning light 30+ supply	GN-R	Open door, warning light 30+ supply	GN-R
4	Open door, warning light -	BL-SB	Open door, warning light -	BL-SB
5	Power window	P	Power window	P
6	Power window	GN	Power window	GN-BN
7	Power window	GR	Power window	Y-GR
8	Loudspeaker -	GN-SB	Loudspeaker -	GN-SB
9	Loudspeaker +	GN-W	Loudspeaker +	GN-W
10				
11				

A43 Cable harness dashboard - Compact Disc changer

Pos.	ON/OFF	Color
1	Compact Disc changer +	GN-GR
2	Compact Disc changer, ground terminal	SB

Connectors A26, A27, A28, A30 and A31



A26 High-level brake light harness - tailgate harness (5-door)

Pos.	ON/OFF	Color
1	High-level brake light pos. 1	Y-SB
2	Ground terminal for: High-level brake light Heated rear window Tailgate wiper motor	SB

A27 Rear harness - tailgate harness (5-door)

Pos.	ON/OFF	Color
1	+Supply heated rear window	Y
2	+Supply, license plate lighting	W
3	Intermittent wipe, tailgate wiper pos. 3	OR
4	Intermittent wipe, tailgate wiper pos. 1	Y-W
5	Rear bulb failure warning sensor pos. 10 (high-level brake light)	Y-SB
6	Ground terminal for: High-level brake light Heated rear window Tailgate wiper motor License plate lighting	SB

A28 Rear harness - tailgate harness (5-door)

Pos.	ON/OFF	Color
1	Connector A16 pos. 11	R-W
2	Connector A16 pos. 12	BL-R

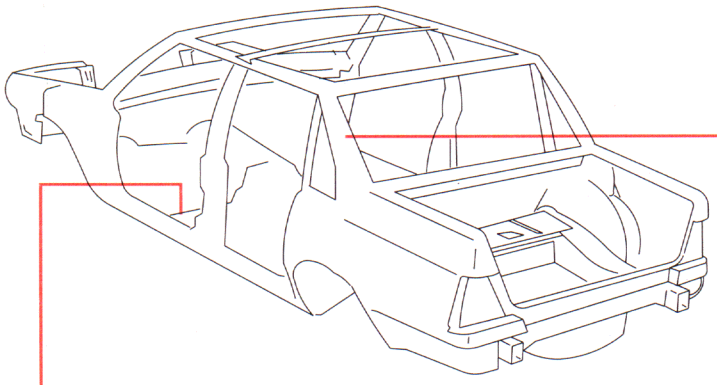
A30 In-car harness - power sunroof harness

Pos.	ON/OFF	Color
1	Connector A1/C pos. 14	BL
2	Connector A1/C pos. 15	R

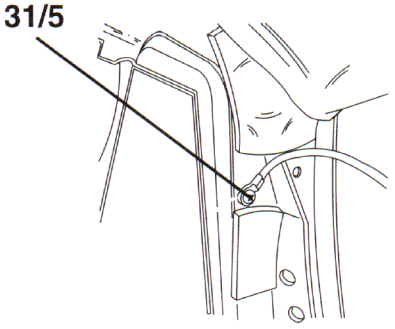
A31 In-car harness - interior lighting harness)

Pos.	ON/OFF	Color
1	Dome light pos. 3	BL-SB
2	Ground terminal dome light and reading lights	SB
3		
4	30+ supply to: Dome light pos. 4 Rear reading lights pos. 1 Trunk (boot) lighting pos. 1 Cargo area lighting pos. 1 (5-door)	GN-R
5	In-car temperature sensor terminal 3	GN
6	In-car temperature sensor terminal 5	GN-SB

Ground connections

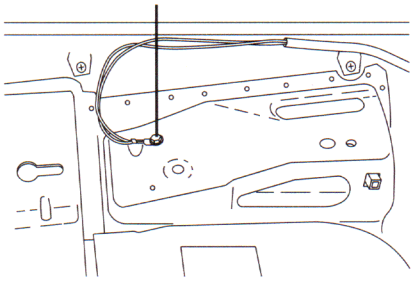


31/5



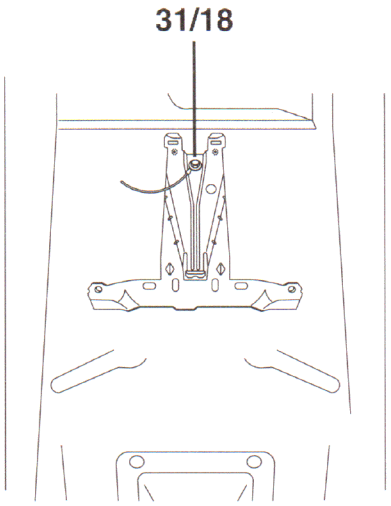
Heated rear window (4-door)

31/6

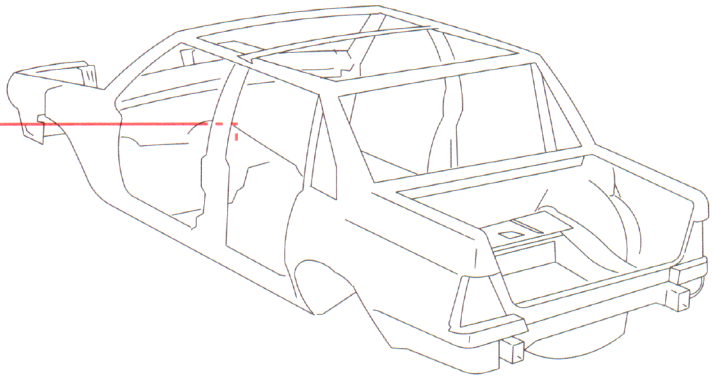


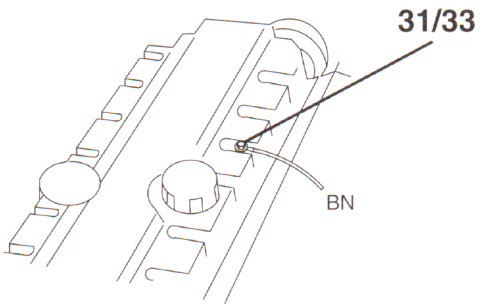
Switch, hazard lights
Power seat, driver side
Anti-theft alarm switch, engine hood
Reading lamp
Inside light, ceiling
Glove box lighting
Controls lighting
Control module, remote control central locking
Switch, tailgate wiper (5-door)
Indicator light, left side
Power windows
Switch, power sunroof
Power door mirrors
Instrument
Switch, heated rear window/door mirrors
Heated door mirror, left side
Control module, transmission (AW30-40/43
Power antenna/signal amplifier
Vanity mirror lighting, left side
Cruise control
Cigar lighter
Overload relay, 2/6 and 2/30
Light switch
Fog light switch
Beam width control
Ambient temperature sensor
Trailer (not USA)

Ground connections

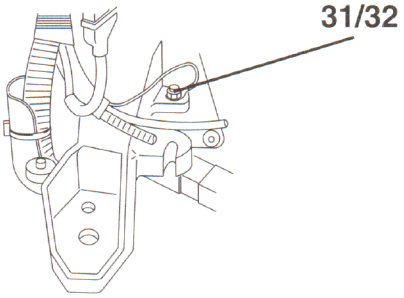


Radio with built-in amplifier
(CD changer)

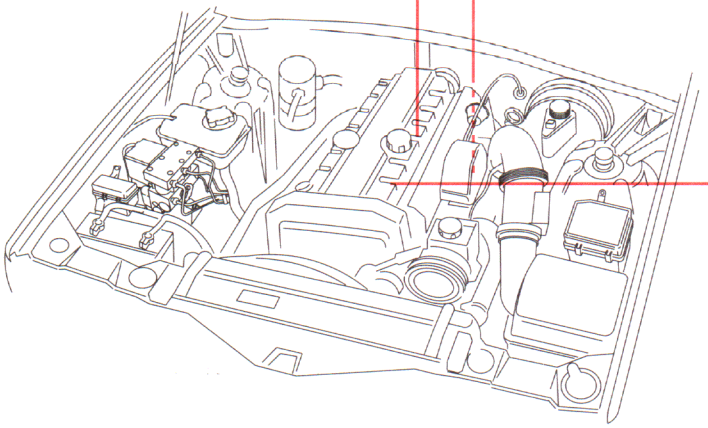


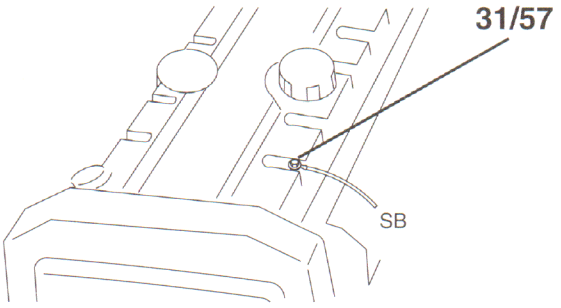


Signal ground
IDM Motronic 4.3 MFI
Engine control module, ECM Motronic 4.3 MFI
Control module, transmission AW30-40/43 (TCM)
Mass air flow (MAF) sensor
Kickdown inhibitor switch

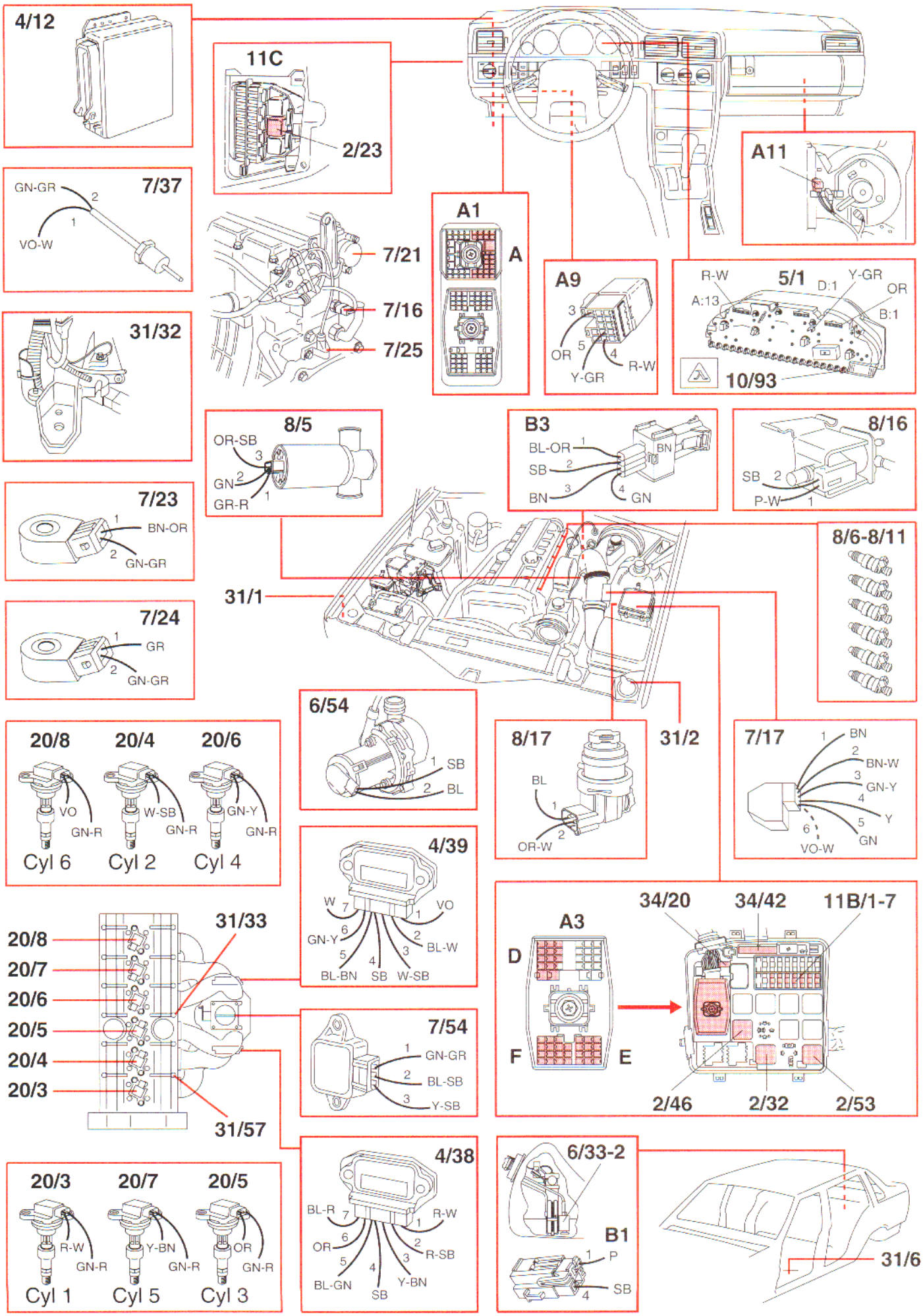


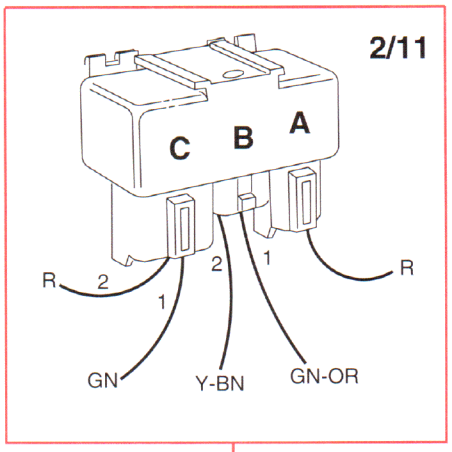
Output ground
IDM Motronic 4.3 MFI
A/C compressor magnetic clutch

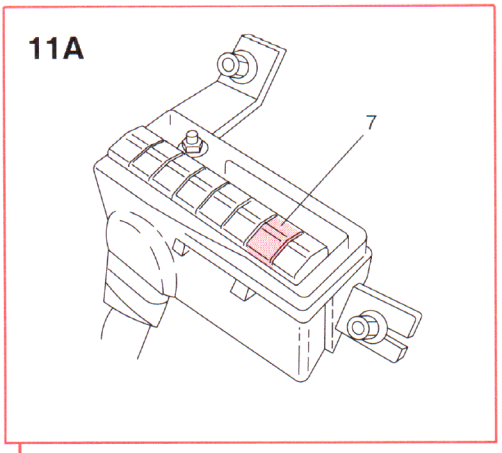


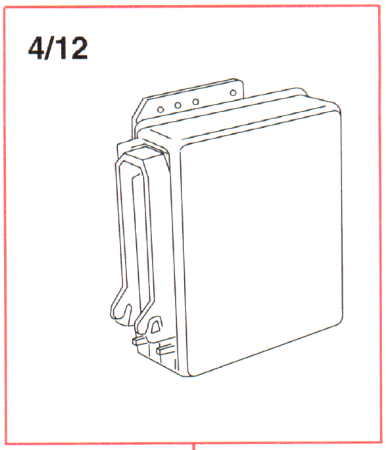


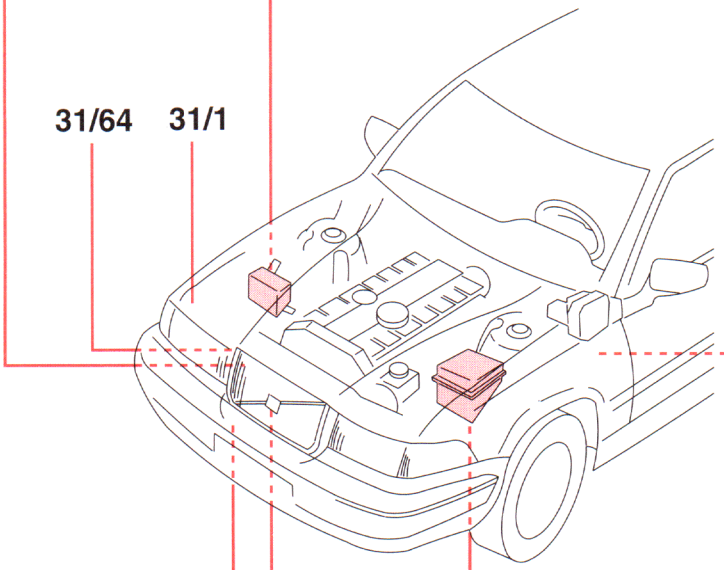
Heating heated oxygen sensor (H02S)
(Lambdasond)
Control module, Motronic 4.3 MFI

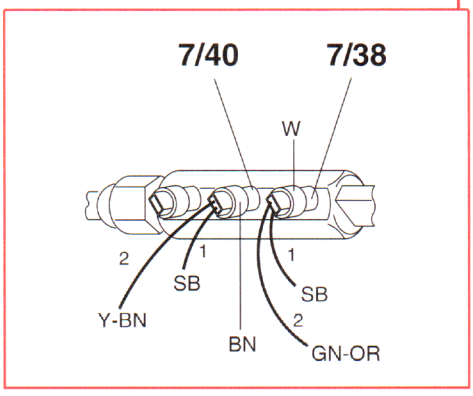

4/12
11C
2/23
7/37
GN-GR
VO-W
7/21
7/16
7/25
A1
A
A11
A9
OR
Y-GR
R-W
5/1
R-W
A:13
D:1
Y-GR
OR
B:1
10/93
31/32
8/5
OR-SB
GN
GR-R
B3
BL-OR
SB
BN
GN
8/16
SB
P-W
7/23
BN-OR
GN-GR
31/1
8/6-8/11
7/24
GR
GN-GR
6/54
SB
BL
8/17
BL
OR-W
31/2
7/17
BN
BN-W
GN-Y
Y
GN
VO-W
20/8
20/4
20/6
VO
W-SB
GN-Y
GN-R
Cyl 6
Cyl 2
Cyl 4
4/39
W
VO
GN-Y
BL-W
BL-BN
SB
W-SB
31/33
20/8
20/7
20/6
20/5
20/4
20/3
31/57
7/54
GN-GR
BL-SB
Y-SB
A3
D
F
E
34/20
34/42
11B/1-7
2/46
2/32
2/53
20/3
20/7
20/5
R-W
Y-BN
OR
GN-R
Cyl 1
Cyl 5
Cyl 3
4/38
BL-R
R-W
OR
R-SB
BL-GN
SB
Y-BN
6/33-2
B1
P
SB
31/6

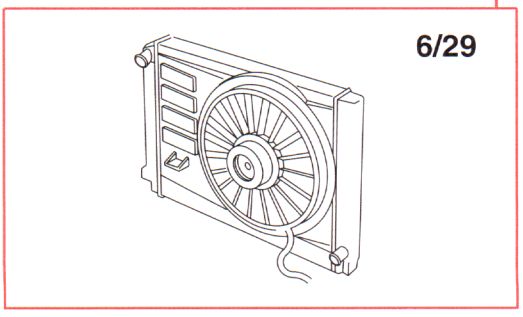

2/11
C
B
A
R
2
1
2
1
R
GN
Y-BN
GN-OR

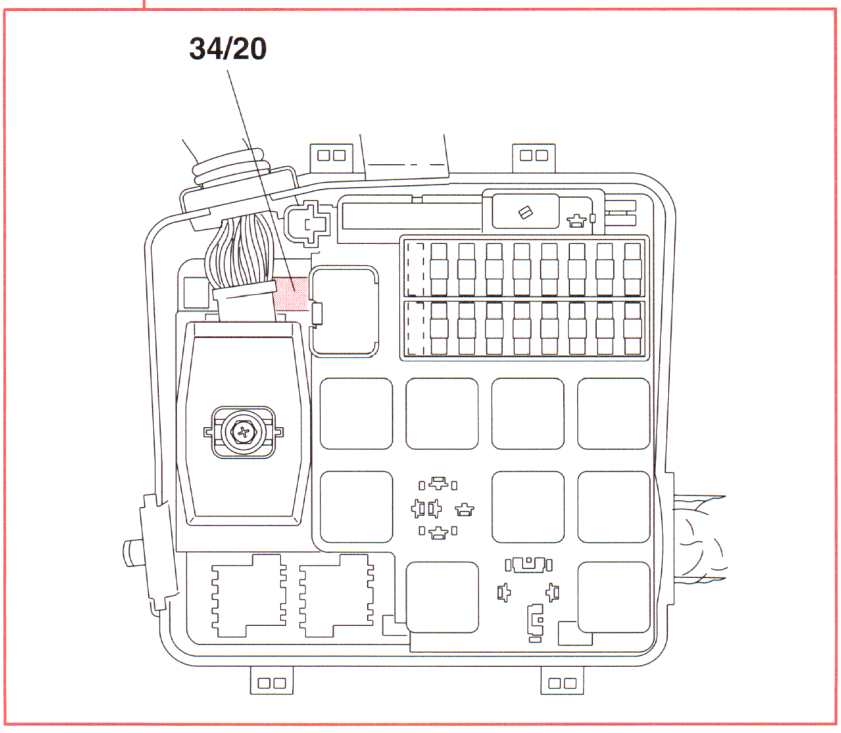

11A
7

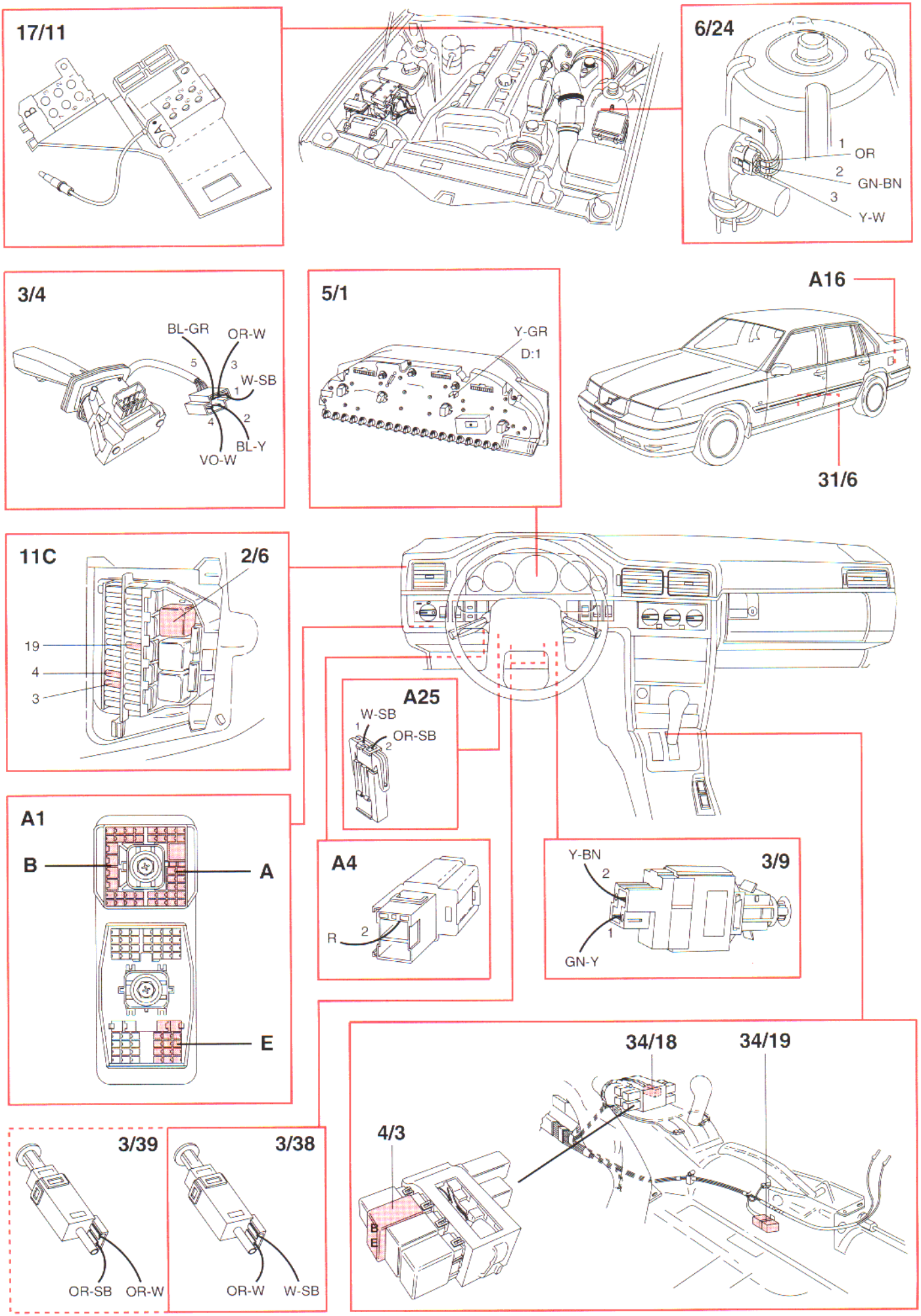

4/12

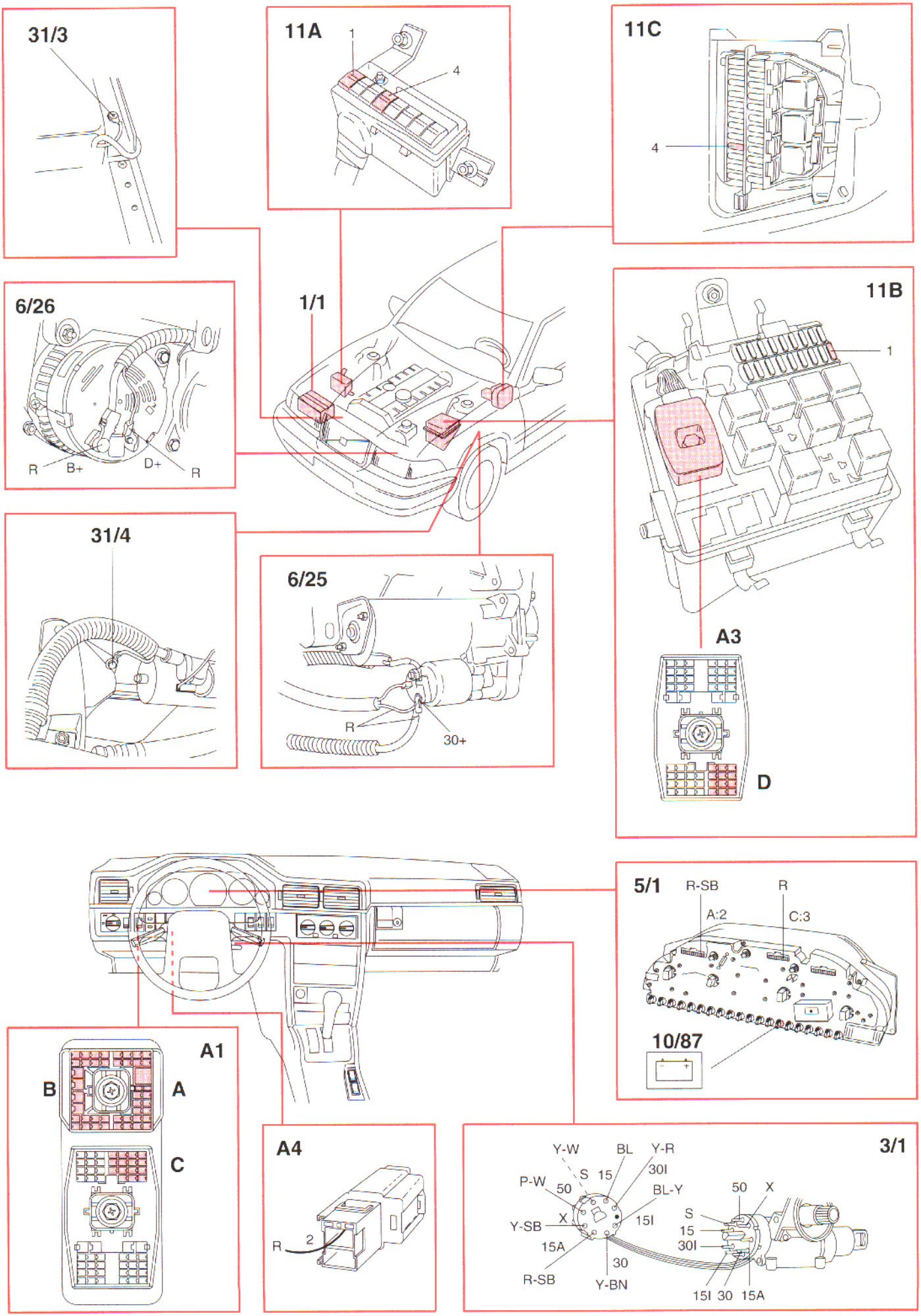

31/64
31/1

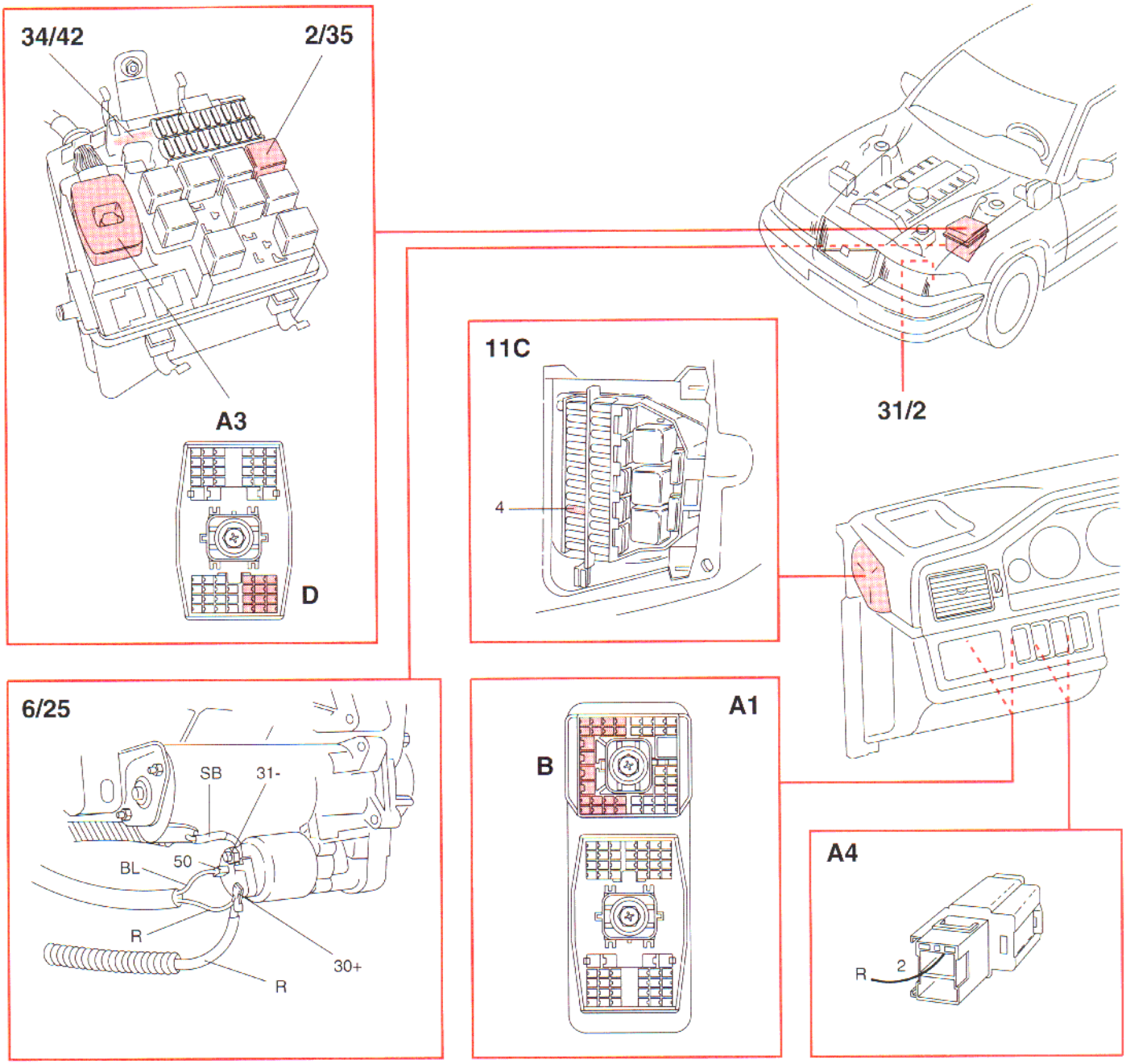

7/40
7/38
W
2
1
1
SB
SB
Y-BN
BN
2
GN-OR

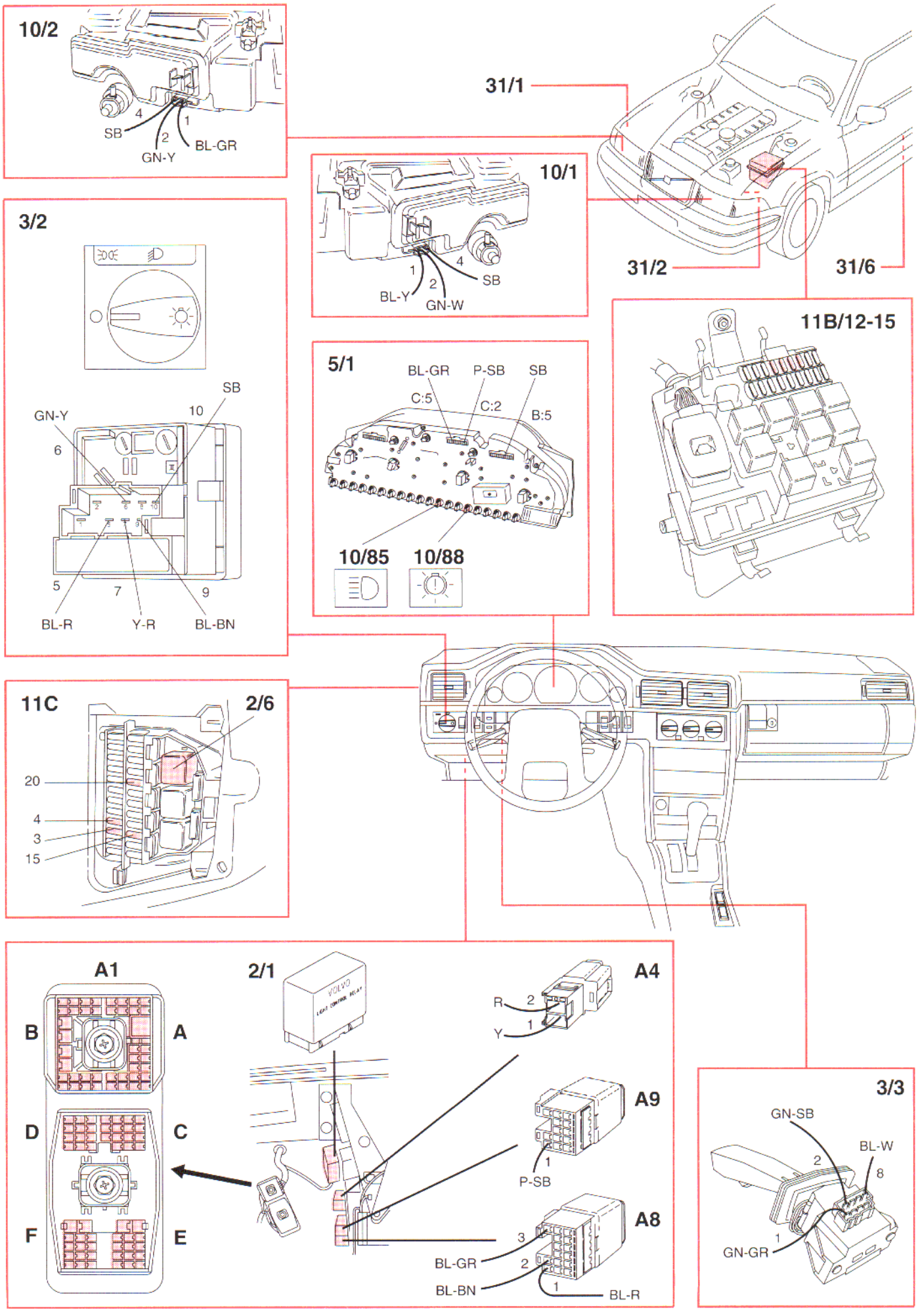

6/29

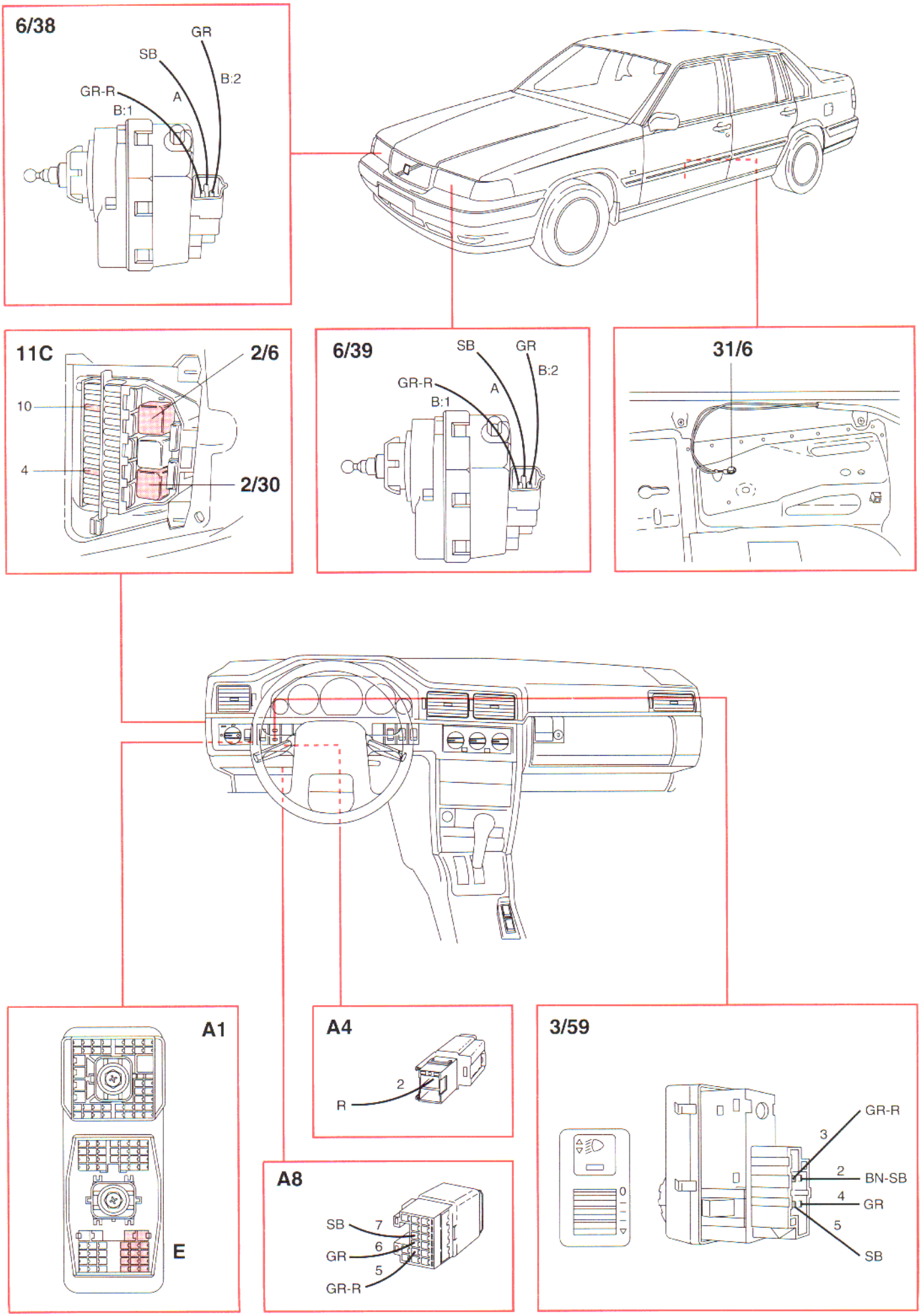

34/20

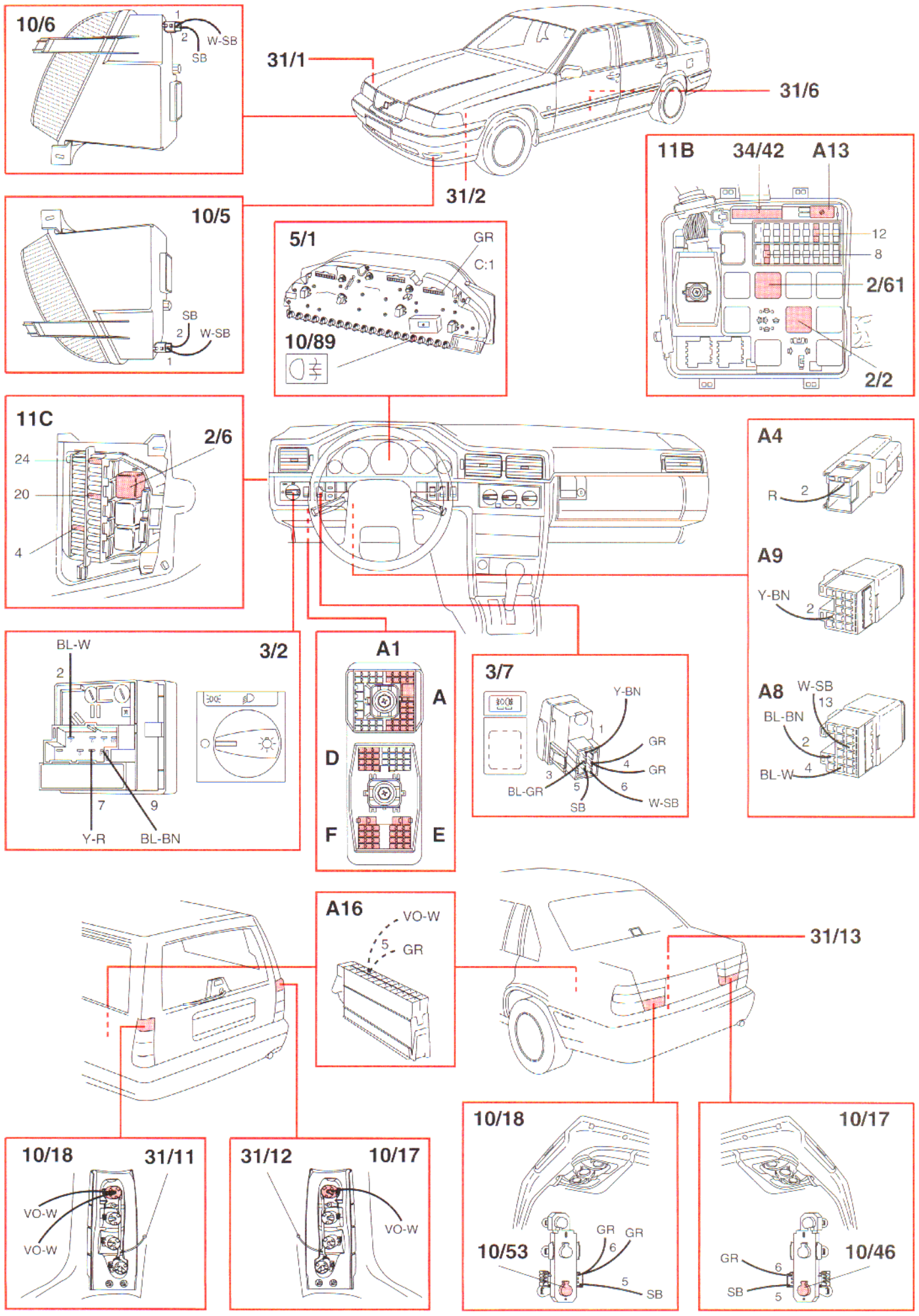

17/11
6/24
1
OR
2
GN-BN
3
Y-W
3/4
BL-GR
OR-W
5
3
W-SB
1
4
2
BL-Y
VO-W
5/1
Y-GR
D:1
A16
31/6
11C
2/6
19
4
3
A25
W-SB
1
OR-SB
2
A1
B
A
E
A4
R
2
Y-BN
2
3/9
1
GN-Y
34/18
34/19
4/3
B
E
3/39
OR-SB
OR-W
3/38
OR-W
W-SB

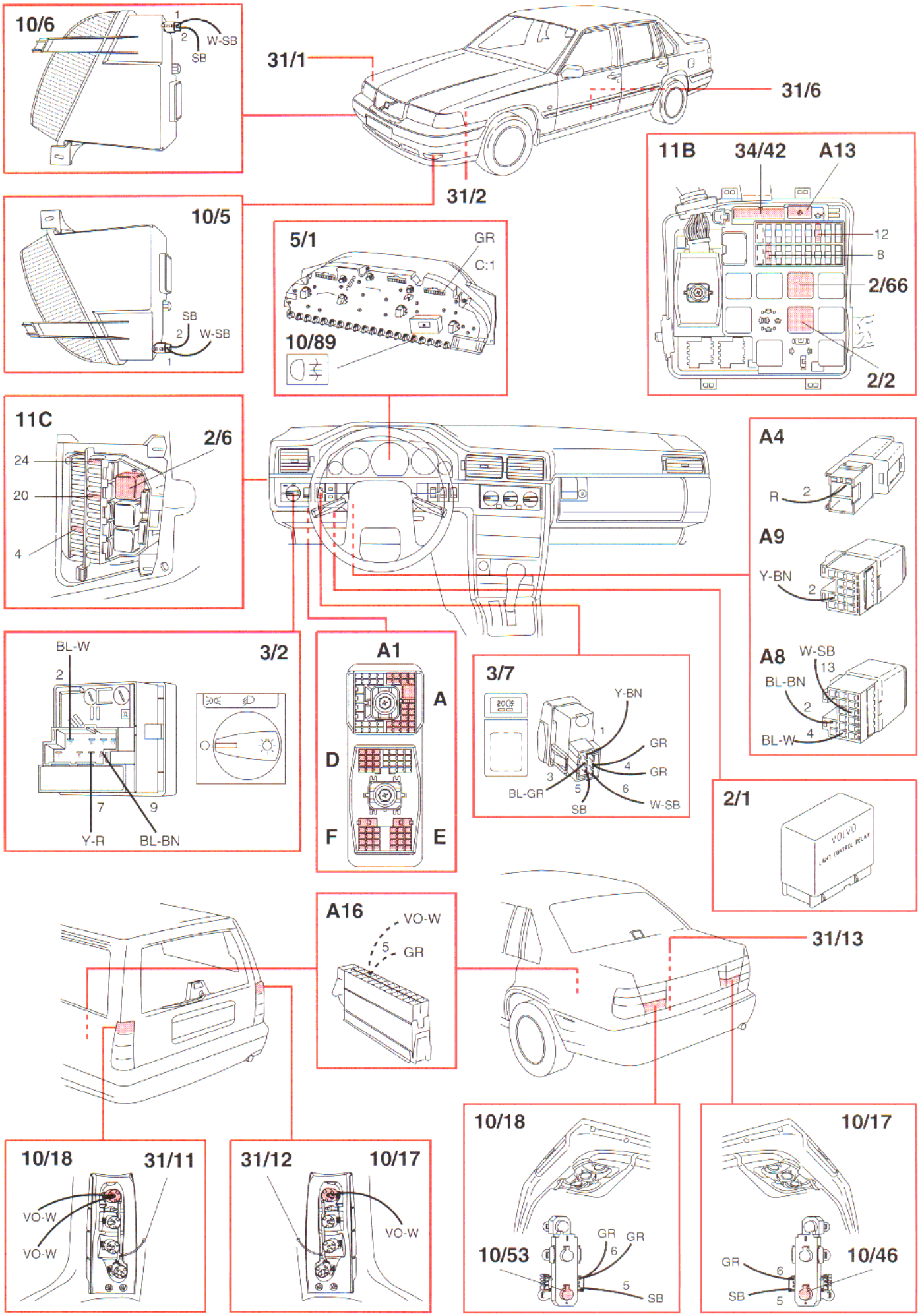

31/3
11A
1
4
11C
4
6/26
R
B+
D+
R
1/1
11B
1
31/4
6/25
R
30+
A3
D
5/1
R-SB
R
A:2
C:3
10/87
A1
B
A
C
A4
R
2
3/1
Y-W
BL
Y-R
P-W
50
S
15
30I
BL-Y
Y-SB
X
15I
15A
30
R-SB
Y-BN
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X
S
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30I
15I
30
15A

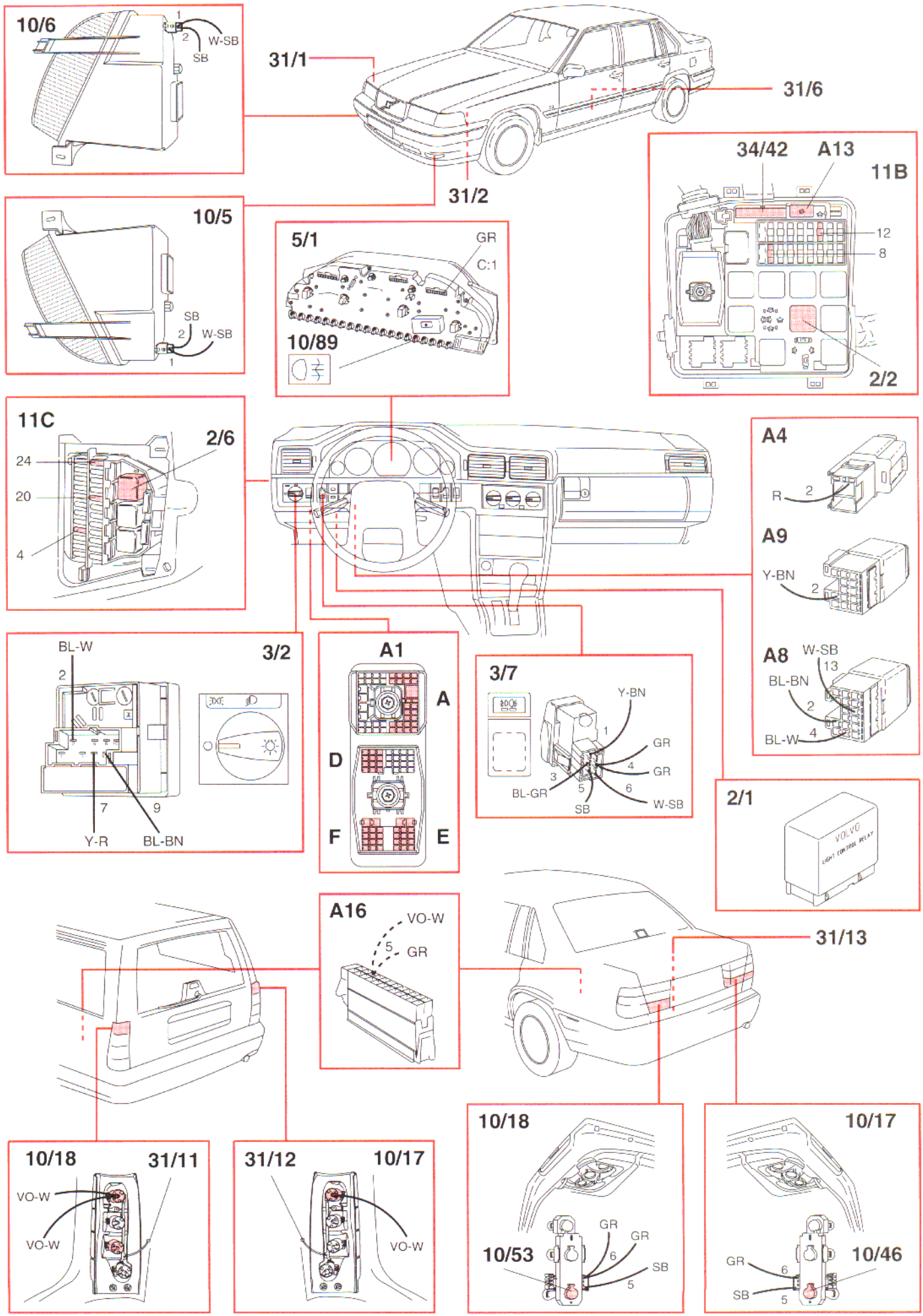

34/42
2/35
A3
D
31/2
11C
4
6/25
SB
31-
BL
50
R
30+
R
B
A1
A4
R
2
17/1
BL
P
1
B5
BL
BL-P
3
4
3/40

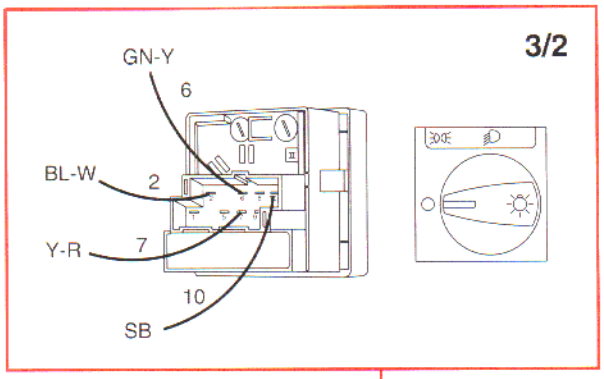

10/2
4
SB
2
GN-Y
1
BL-GR
31/1
31/2
31/6
10/1
1
BL-Y
2
GN-W
4
SB
3/2
SB
GN-Y
10
6
5
7
9
BL-R
Y-R
BL-BN
5/1
BL-GR
P-SB
SB
C:5
C:2
B:5
10/85
10/88
11B/12-15
11C
2/6
20
4
3
15
A1
B
A
D
C
F
E
2/1
VOLVO
LIGHT CONTROL RELAY
A4
R
2
1
Y
A9
1
P-SB
A8
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BL-GR
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BL-BN
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BL-R
3/3
GN-SB
BL-W
2
8
1
GN-GR

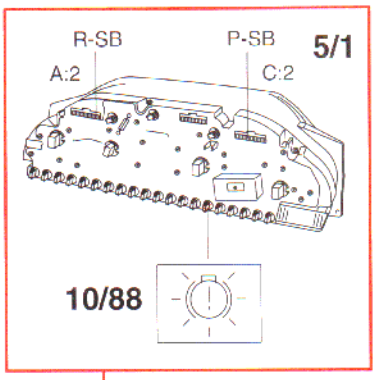

6/38
GR
SB
B:2
GR-R
A
B:1
11C
2/6
10
4
2/30
6/39
SB
GR
B:2
GR-R
A
B:1
31/6
A1
E
A4
2
R
A8
SB
7
GR
6
5
GR-R
3/59
GR-R
3
2
BN-SB
4
GR
5
SB

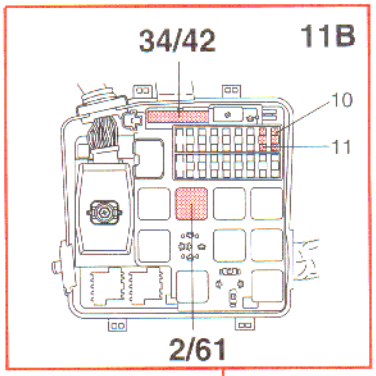

10/6
1
2
W-SB
SB
31/1
31/6
31/2
10/5
SB
2
W-SB
1
5/1
GR
C:1
10/89
11B
34/42
A13
12
8
2/61
2/2
11C
2/6
24
20
4
A4
R
2
A9
Y-BN
2
A8
W-SB
13
BL-BN
2
BL-W
4
3/2
BL-W
2
7
9
Y-R
BL-BN
A1
A
D
F
E
3/7
Y-BN
1
GR
4
GR
3
BL-GR
5
SB
6
W-SB
A16
VO-W
5
GR
31/13
10/18
31/11
VO-W
VO-W
31/12
10/17
VO-W
10/18
10/53
GR
GR
6
5
SB
10/17
10/46
GR
6
SB
5

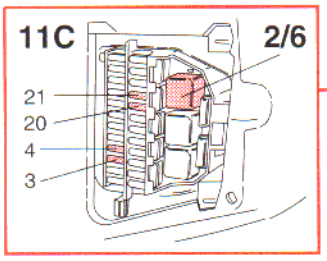

10/6
1
2
W-SB
SB
31/1
31/6
31/2
11B
34/42
A13
12
8
2/66
2/2
10/5
SB
2
W-SB
1
5/1
GR
C:1
10/89
11C
2/6
24
20
4
A4
R
2
A9
Y-BN
2
A8
W-SB
13
BL-BN
2
4
BL-W
3/2
BL-W
2
7
9
Y-R
BL-BN
A1
A
D
F
E
3/7
Y-BN
1
GR
4
GR
3
BL-GR
5
SB
6
W-SB
2/1
VOLVO
A16
VO-W
5
GR
31/13
10/18
31/11
VO-W
VO-W
31/12
10/17
VO-W
10/18
10/53
GR
GR
6
5
SB
10/17
10/46
GR
6
SB
5

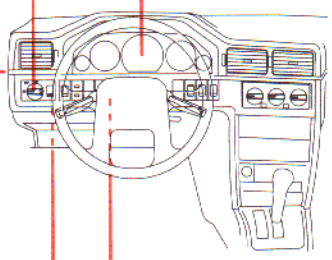

10/6
1
2
W-SB
SB
31/1
31/6
31/2
10/5
SB
2
W-SB
1
5/1
GR
C:1
10/89
34/42
A13
11B
12
8
2/2
11C
2/6
24
20
4
A4
R
2
A9
Y-BN
2
A8
W-SB
13
BL-BN
2
BL-W
4
3/2
BL-W
2
7
9
Y-R
BL-BN
A1
A
D
F
E
3/7
Y-BN
1
GR
4
GR
3
BL-GR
5
SB
6
W-SB
2/1
VOLVO
LIGHT CONTROL RELAY
A16
VO-W
5
GR
31/13
10/18
31/11
VO-W
VO-W
31/12
10/17
VO-W
10/18
10/53
GR
GR
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SB
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10/17
10/46
GR
6
SB
5

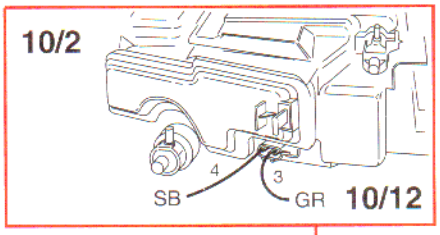

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BL-W
2
Y-R
7
10
SB

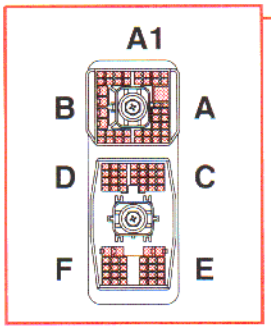

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P-SB
5/1
A:2
C:2
10/88

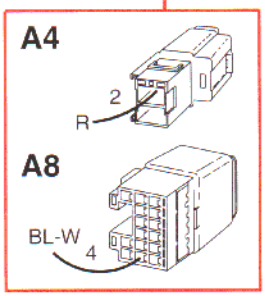

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11
2/61

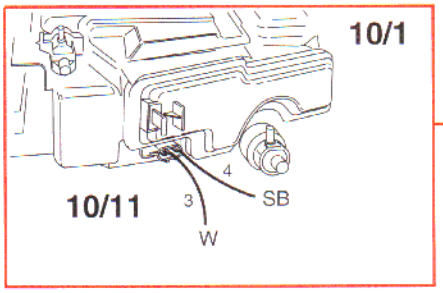

11C
2/6
21
20
4
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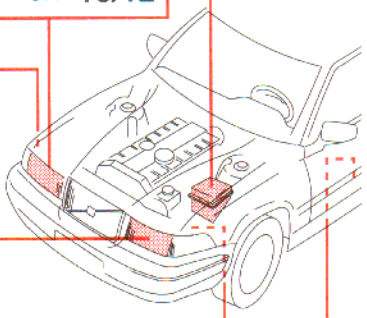


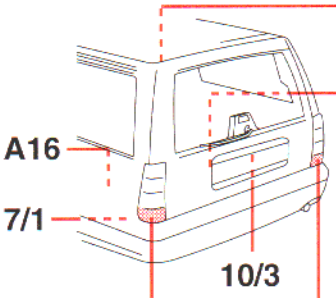

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4
SB
3
GR
10/12

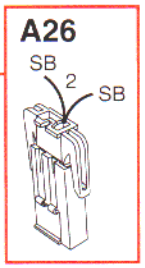

A1
B
A
D
C
F
E

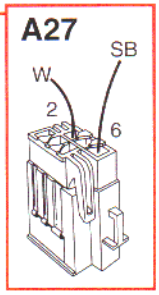

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R
A8
BL-W
4

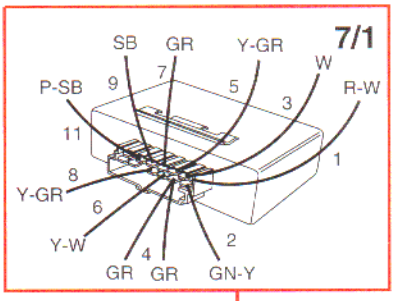

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4
SB
10/11
3
W

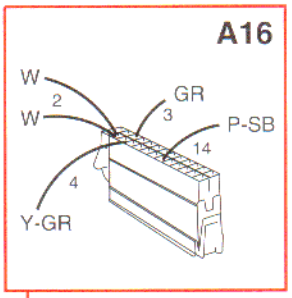

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31/2
31/6

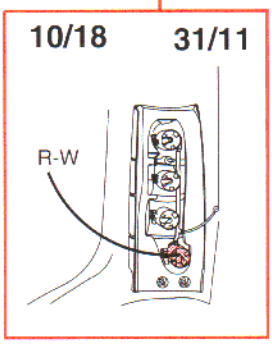

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7/1
10/3

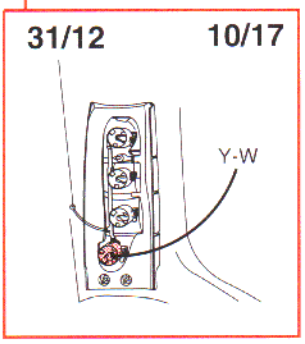

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SB
2
SB

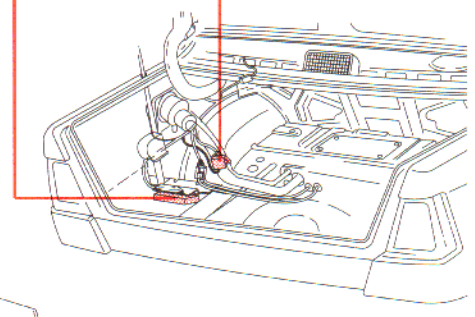

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SB
W
2
6

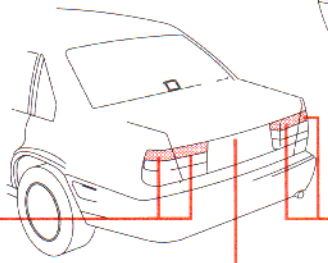

SB
GR
Y-GR
7/1
W
P-SB
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R-W
11
1
8
Y-GR
6
Y-W
4
2
GR
GR
GN-Y

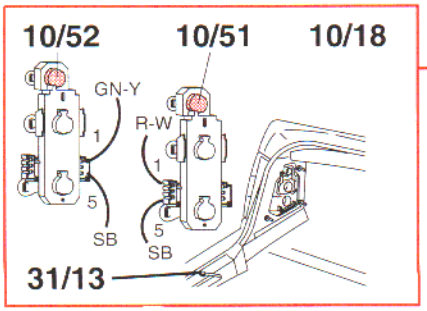

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GR
W
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P-SB
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4
Y-GR

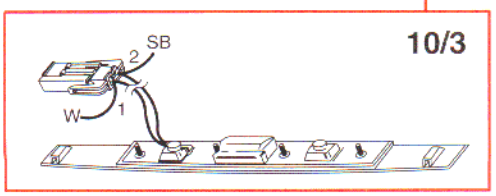

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31/11
R-W

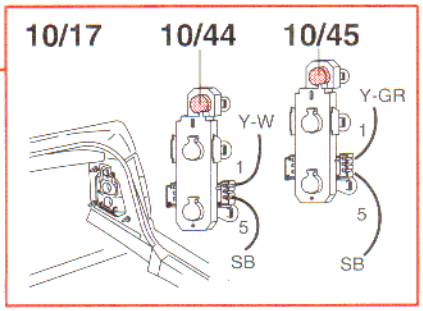

31/12
10/17
Y-W

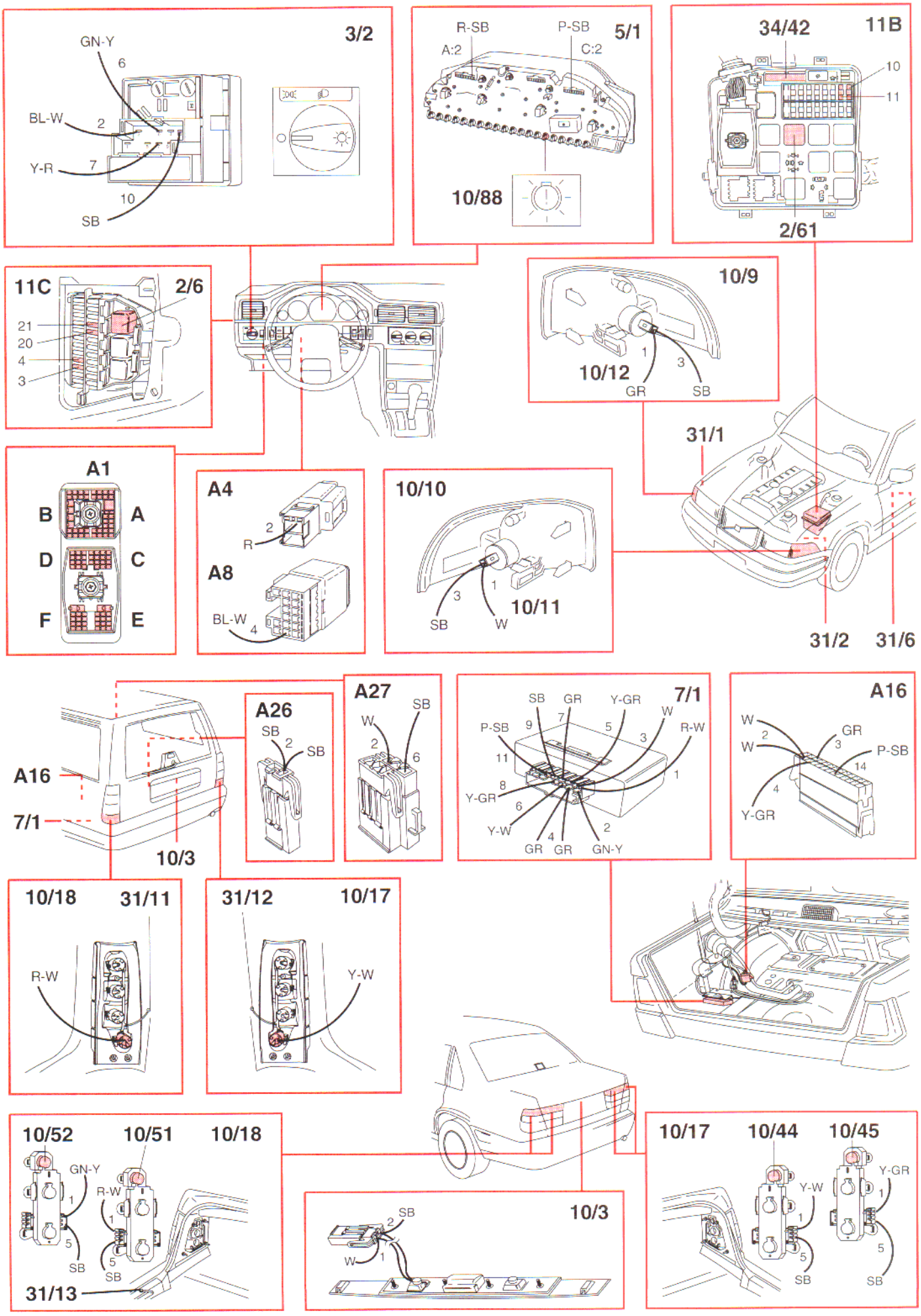


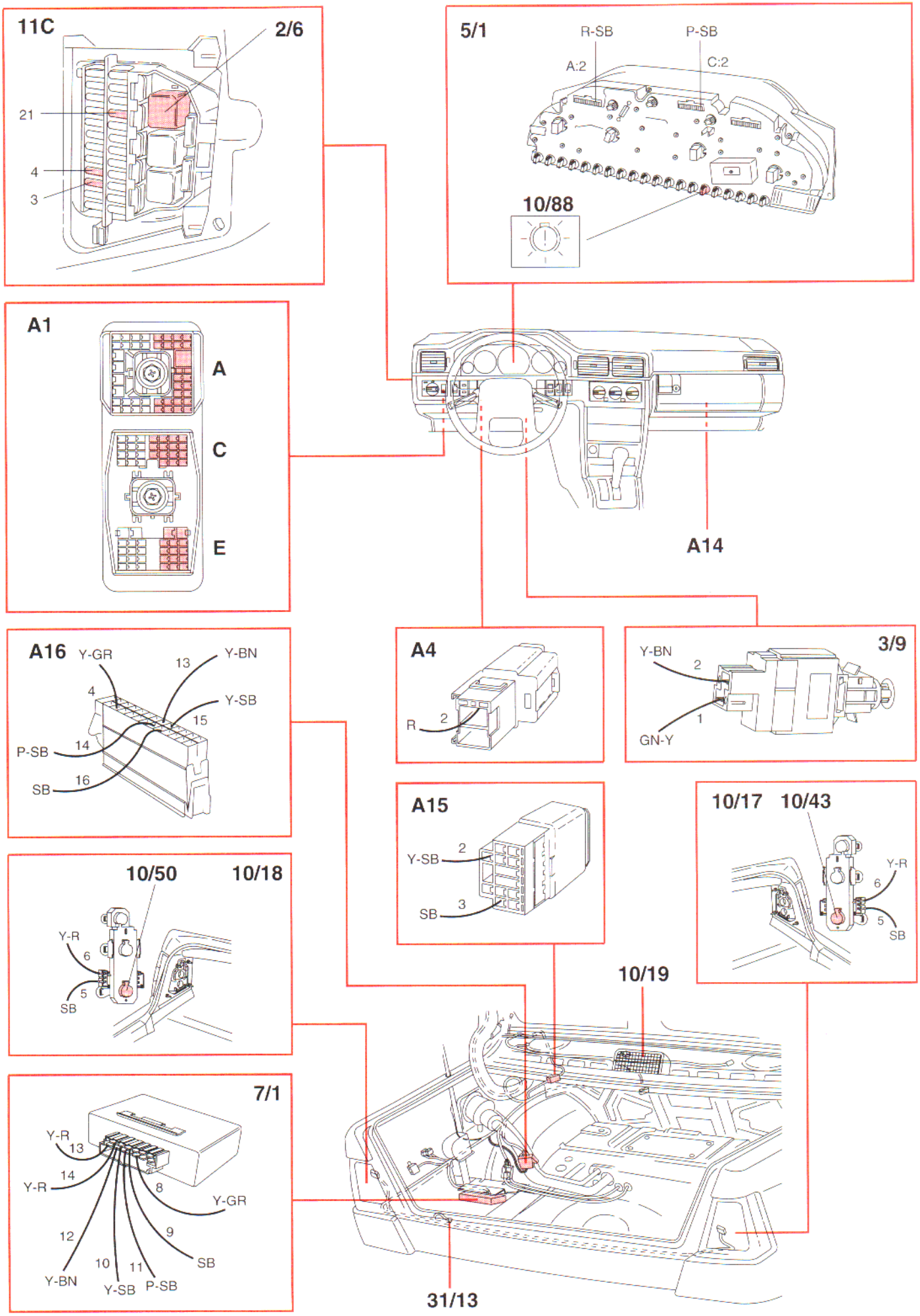


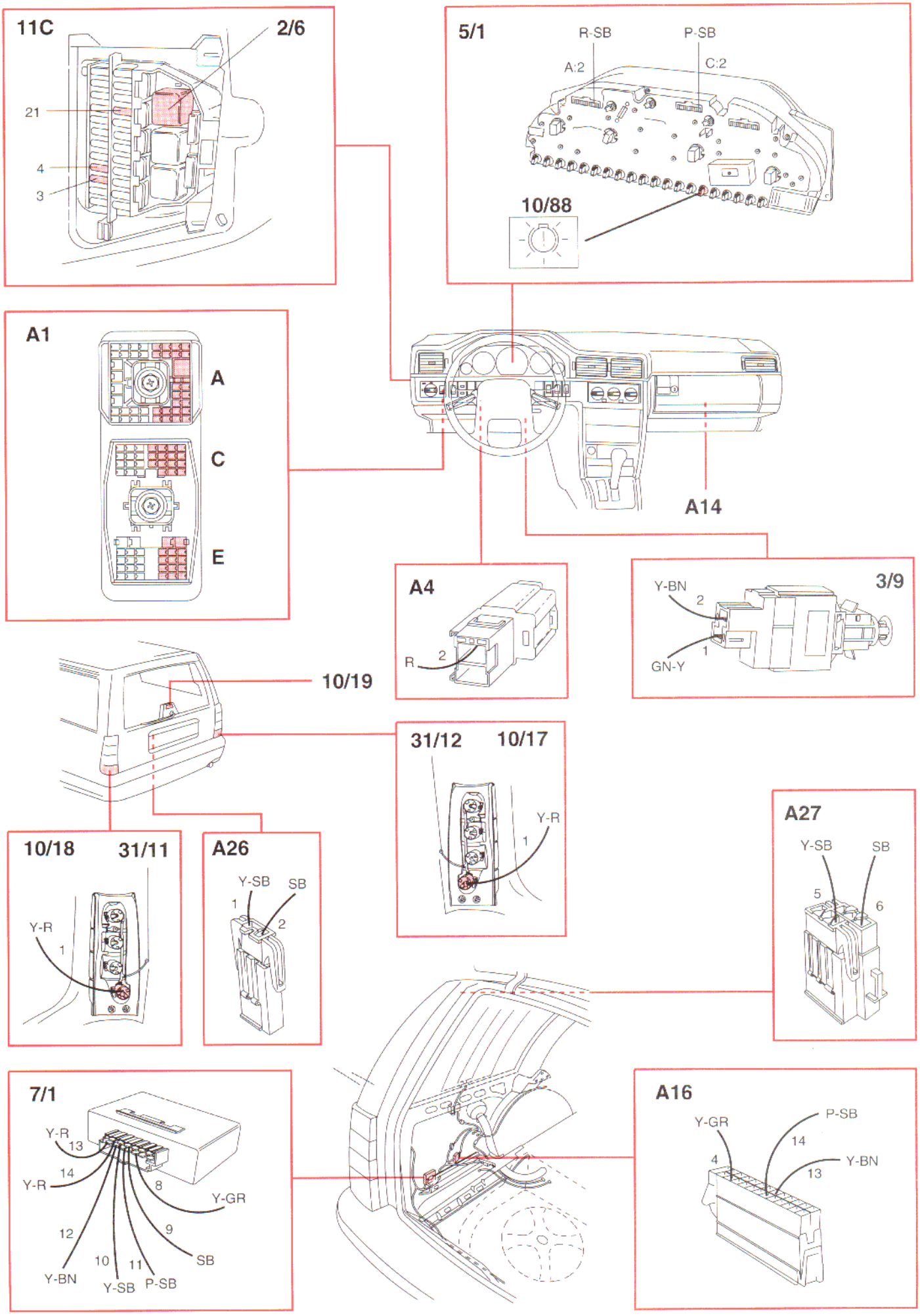

10/52
10/51
10/18
GN-Y
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5
SB
R-W
1
5
SB
31/13

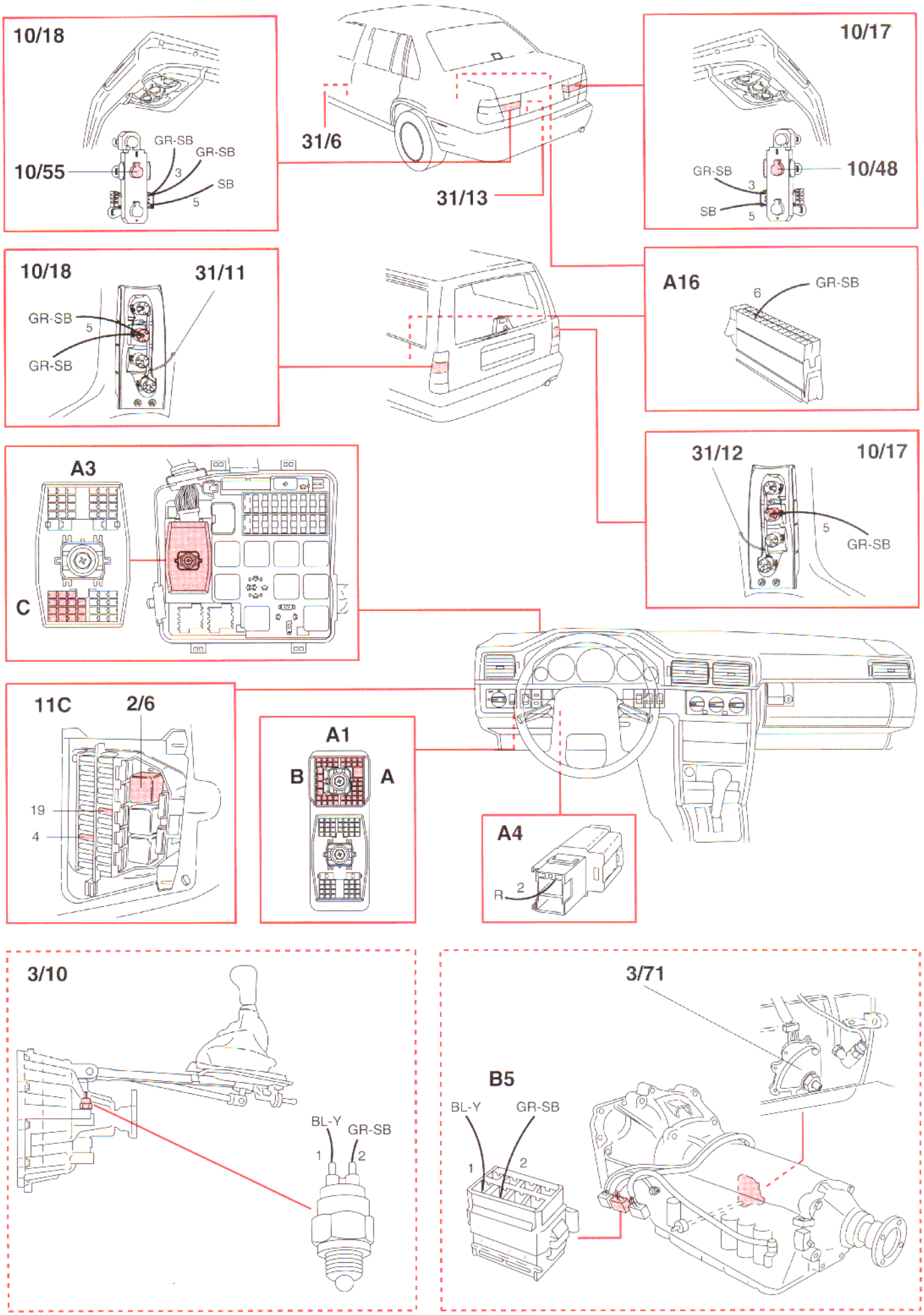

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W
1
10/3

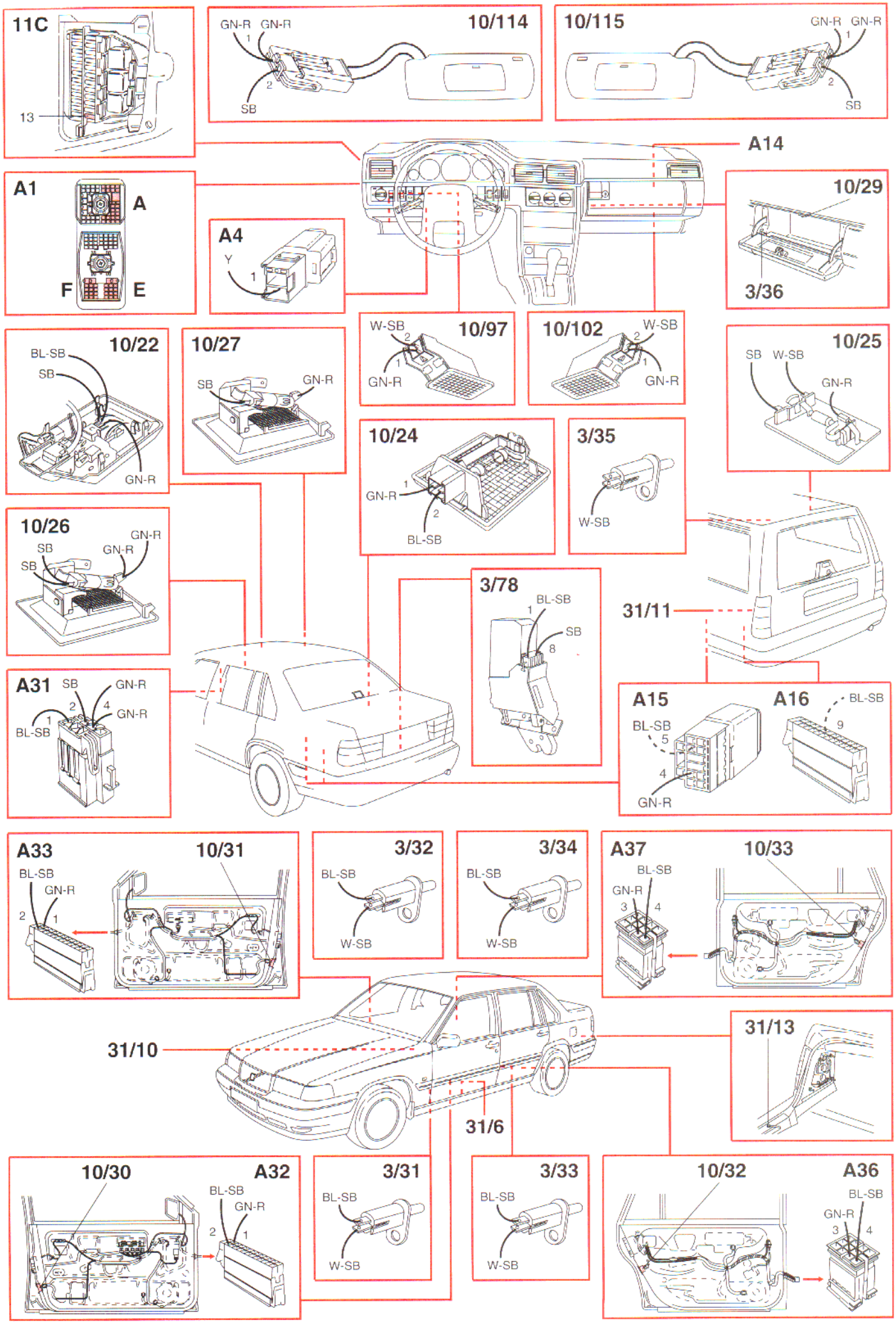

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10/45
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SB
Y-GR
1
5
SB

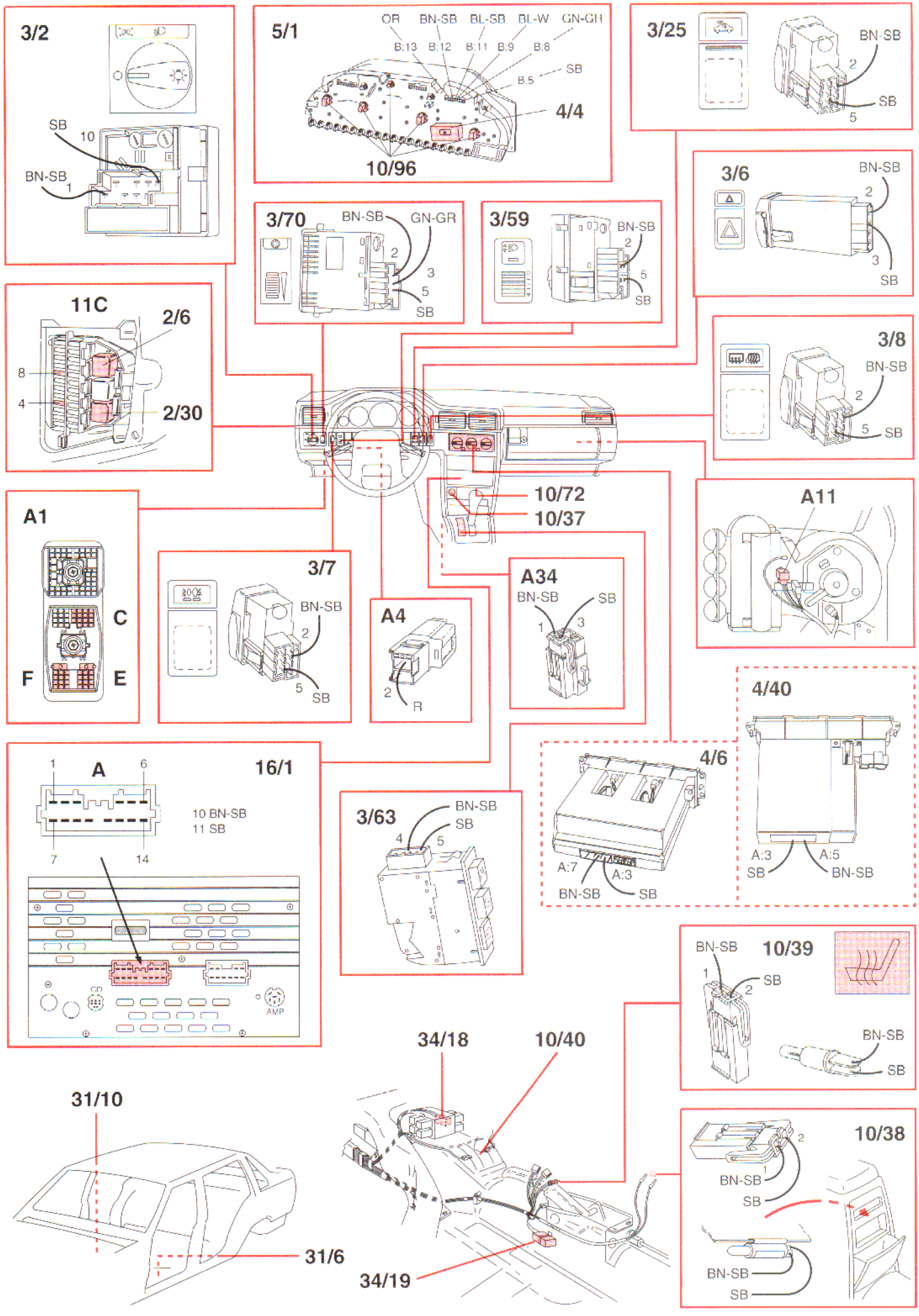

3/2
GN-Y
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BL-W
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Y-R
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5/1
R-SB
P-SB
A:2
C:2
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21
20
4
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10/9
10/12
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3
GR
SB
31/1
A1
B
A
D
C
F
E
A4
2
R
A8
BL-W
4
10/10
3
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SB
W
10/11
31/2
31/6
A16
7/1
10/3
A26
SB
2
SB
A27
SB
W
2
6
7/1
SB
GR
Y-GR
P-SB
9
7
5
3
W
R-W
11
1
8
Y-GR
6
Y-W
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2
GR
GR
GN-Y
A16
W
2
W
GR
3
P-SB
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4
Y-GR
10/18
31/11
R-W
31/12
10/17
Y-W
10/52
10/51
10/18
GN-Y
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SB
5
SB
31/13
10/3
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10/44
10/45
Y-W
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Y-GR
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SB
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SB

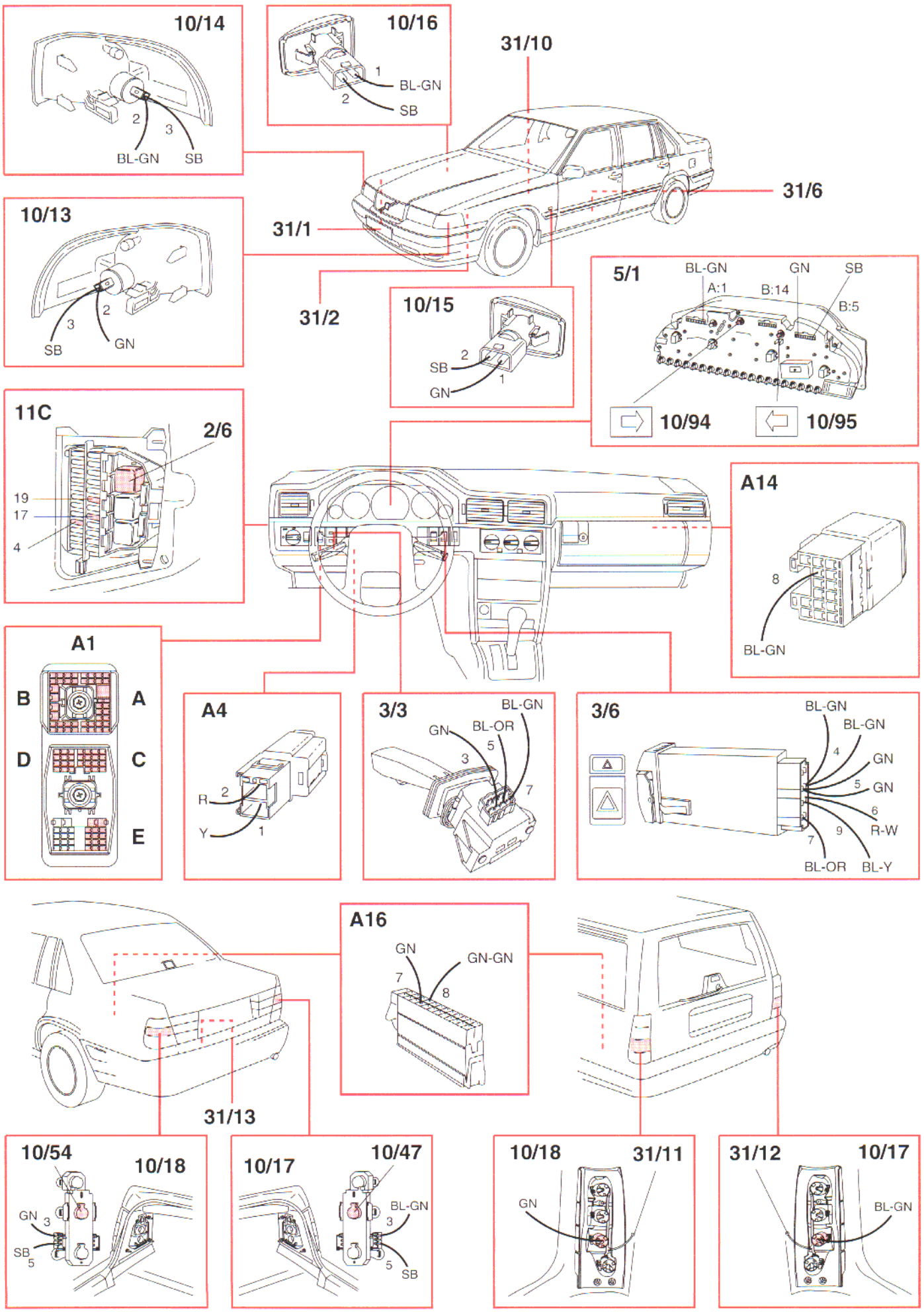

11C
2/6
21
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5/1
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P-SB
A:2
C:2
10/88
A1
A
C
E
A14
A16
Y-GR
13
Y-BN
4
Y-SB
15
P-SB
14
SB
16
A4
R
2
Y-BN
2
3/9
1
GN-Y
A15
Y-SB
2
SB
3
10/17
10/43
Y-R
6
5
SB
10/50
10/18
Y-R
6
5
SB
10/19
7/1
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9
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11
Y-BN
Y-SB
P-SB
31/13

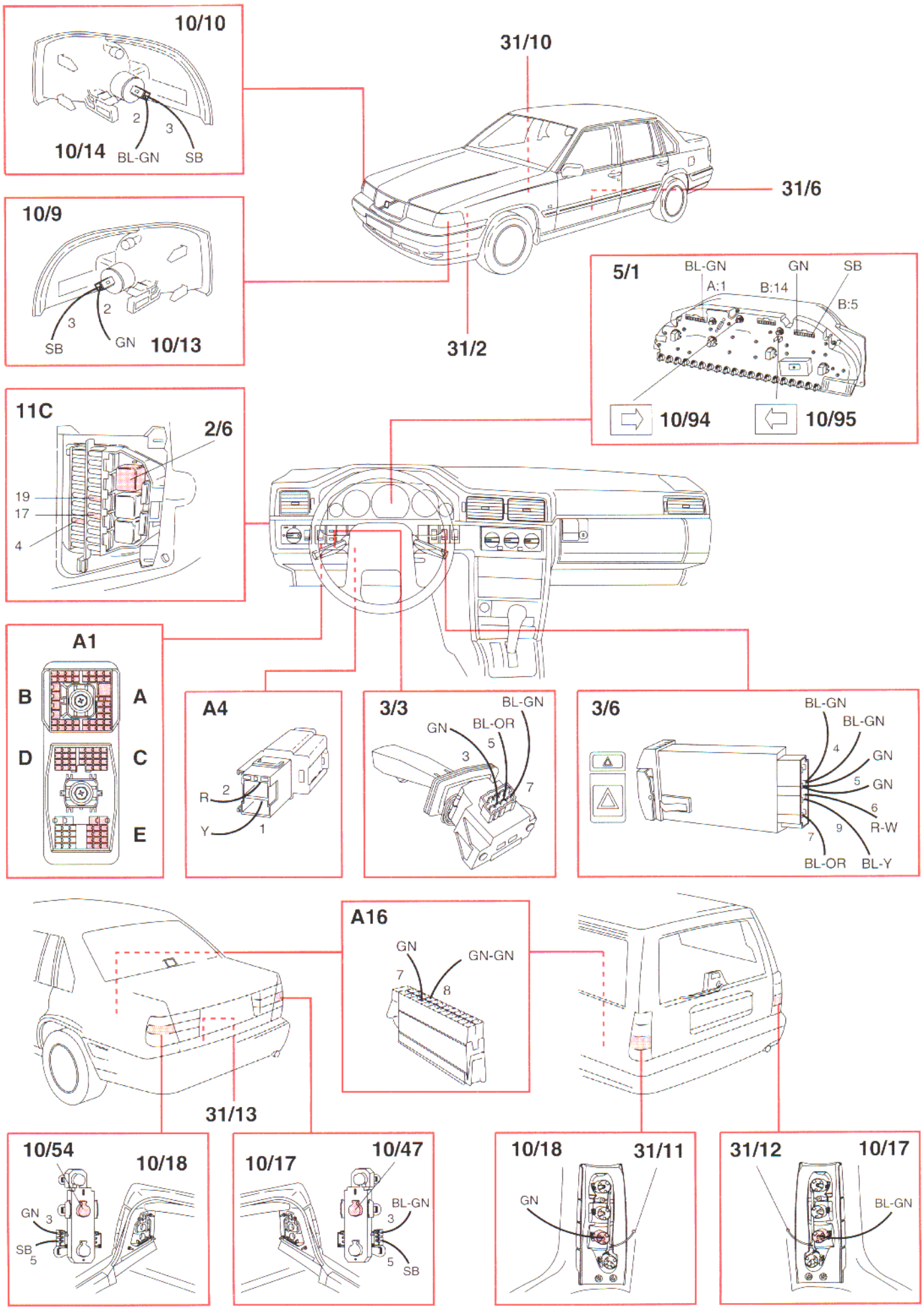

11C
2/6
21
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5/1
R-SB
P-SB
A:2
C:2
10/88
A1
A
C
E
A14
A4
R
2
3/9
Y-BN
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GN-Y
1
10/19
31/12
10/17
Y-R
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A27
Y-SB
SB
5
6
10/18
31/11
Y-R
1
A26
Y-SB
SB
1
2
7/1
Y-R
13
Y-R
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8
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Y-BN
13

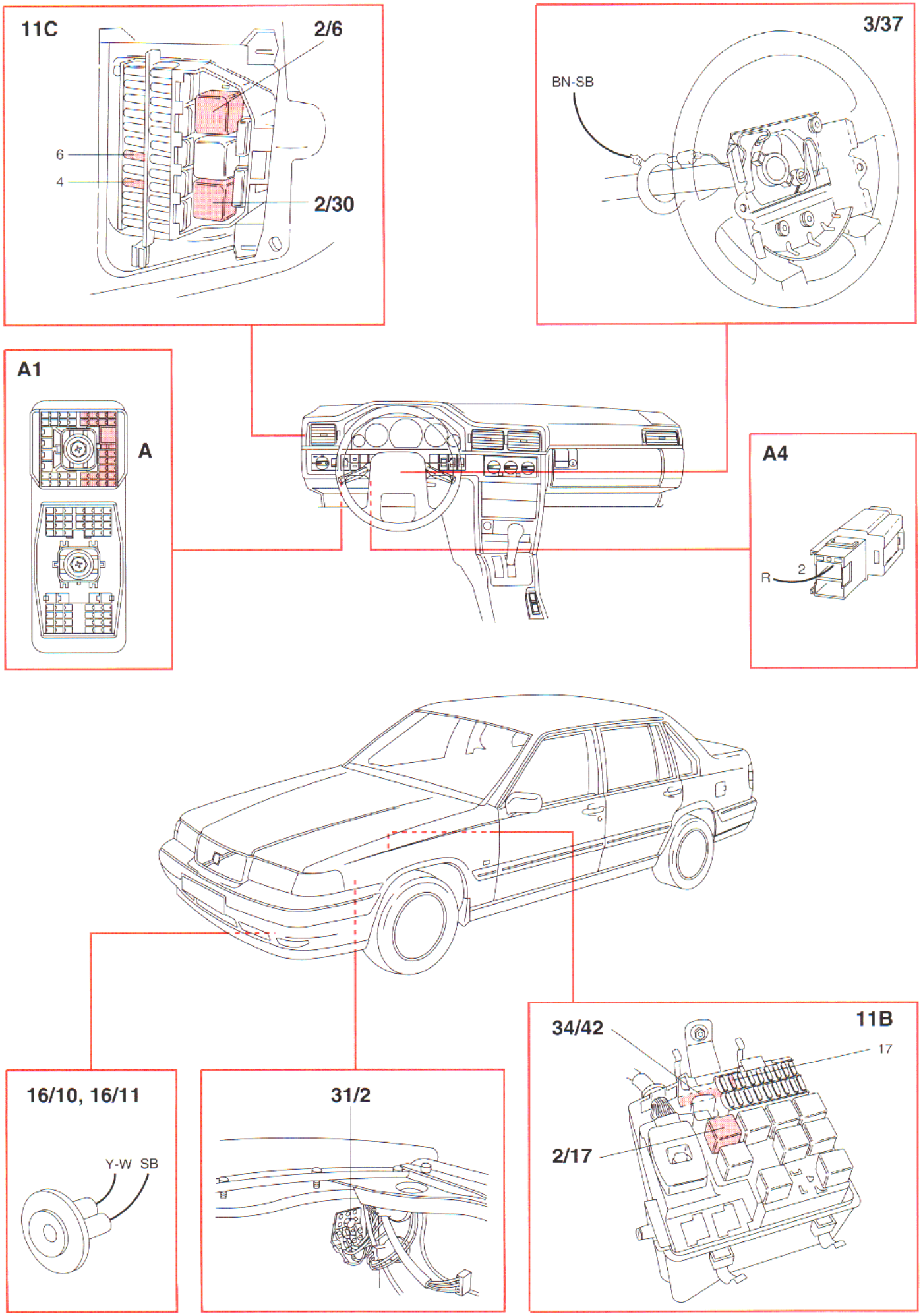

10/18
10/55
GR-SB
GR-SB
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SB
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31/6
31/13
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GR-SB
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SB
5
10/48
10/18
31/11
GR-SB
5
GR-SB
A16
6
GR-SB
A3
C
31/12
10/17
5
GR-SB
11C
2/6
19
4
A1
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3/71
B5
BL-Y
GR-SB
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2

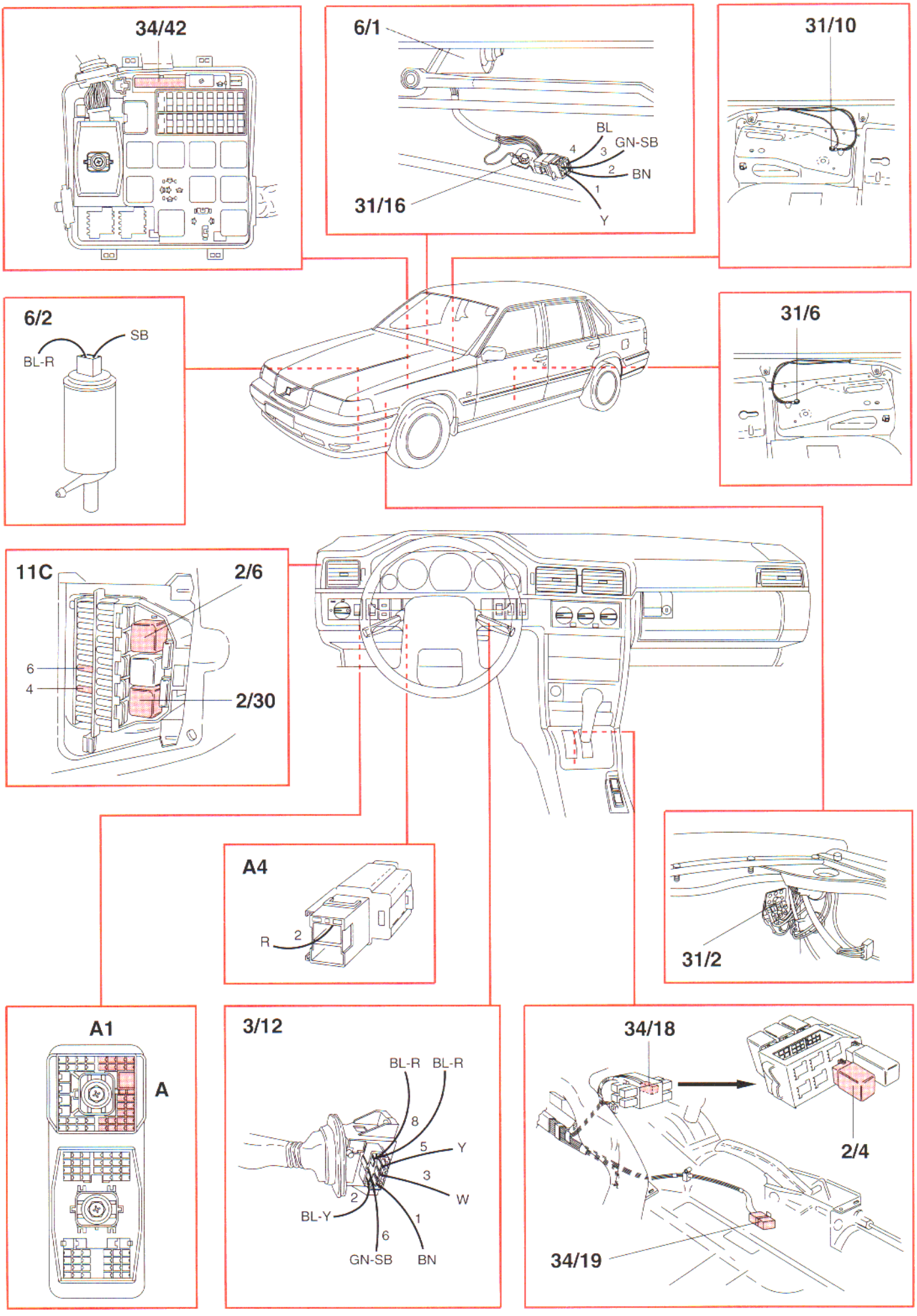

11C
13
10/114
GN-R GN-R
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2
SB
10/115
GN-R GN-R
1
2
SB
A14
A1
A
F
E
A4
Y
1
10/29
3/36
10/22
BL-SB
SB
GN-R
10/27
SB
GN-R
W-SB 10/97
2
1
GN-R
10/102 W-SB
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1
GN-R
10/25
SB W-SB
GN-R
10/24
GN-R
1
2
BL-SB
3/35
W-SB
10/26
SB
GN-R
SB
GN-R
3/78
BL-SB
1
SB
8
31/11
A31
SB
GN-R
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4
GN-R
1
BL-SB
A15
BL-SB
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GN-R
A16
BL-SB
9
A33
10/31
BL-SB
GN-R
2
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3/32
BL-SB
W-SB
3/34
BL-SB
W-SB
A37
10/33
BL-SB
GN-R
3
4
31/10
31/13
31/6
10/30
A32
BL-SB
GN-R
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3/33
BL-SB
W-SB
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BL-SB
GN-R
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4

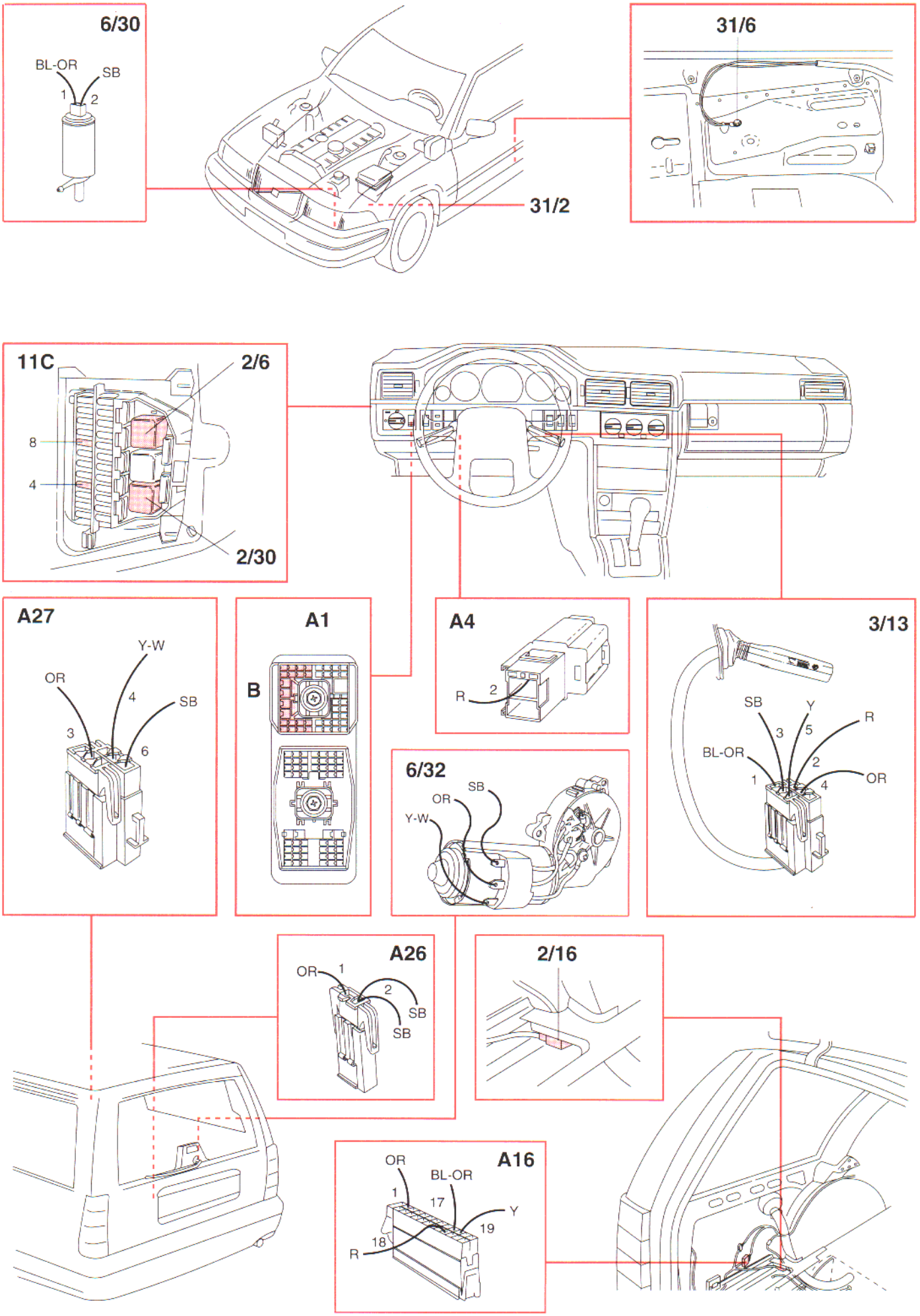

3/2
SB
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BN-SB
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5/1
OR
BN-SB
BL-SB
BL-W
GN-GR
B:13
B:12
B:11
B:9
B:8
B:5
SB
4/4
10/96
3/25
BN-SB
2
SB
5
3/6
BN-SB
2
3
SB
3/70
BN-SB
GN-GR
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3
5
SB
3/59
BN-SB
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SB
11C
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8
4
2/30
3/8
BN-SB
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SB
10/72
10/37
A11
A1
C
F
E
3/7
BN-SB
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5
SB
A4
2
R
A34
BN-SB
SB
1
3
4/40
A:3
SB
A:5
BN-SB
4/6
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BN-SB
A:3
SB
16/1
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14
10 BN-SB
11 SB
AMP
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10/39
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10/38
BN-SB
SB
BN-SB
SB

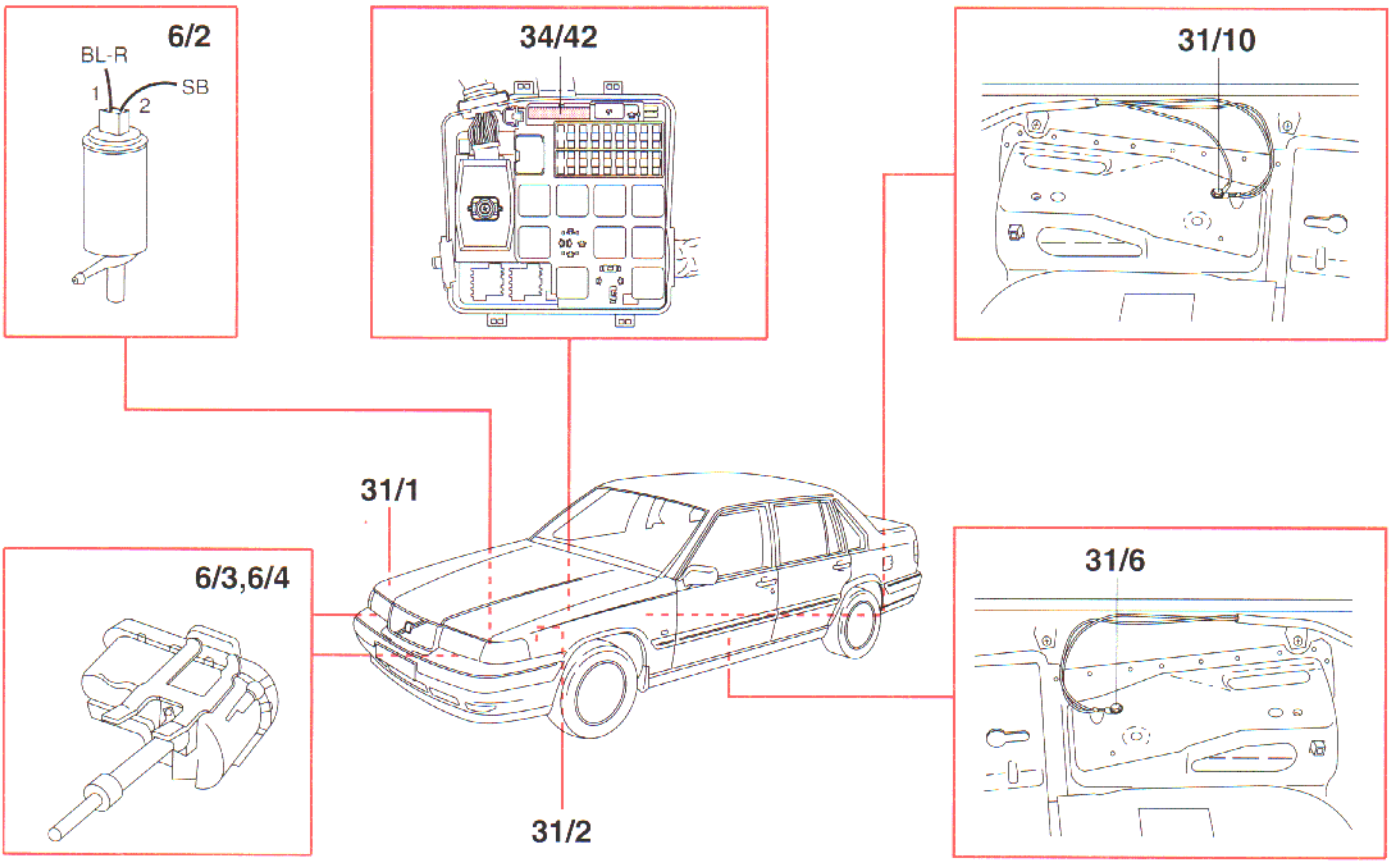

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BL-GN
SB
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BL-GN
SB
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31/6
10/13
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SB
GN
31/1
31/2
10/15
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1
SB
GN
5/1
BL-GN
A:1
B:14
GN
SB
B:5
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10/95
11C
2/6
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17
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A14
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A1
B
A
D
C
E
A4
R
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Y
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3/3
BL-GN
GN
BL-OR
5
3
7
3/6
BL-GN
BL-GN
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GN
5
GN
6
R-W
7
9
BL-OR
BL-Y
A16
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GN-GN
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10/54
10/18
GN
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SB
10/18
31/11
GN
31/12
10/17
BL-GN

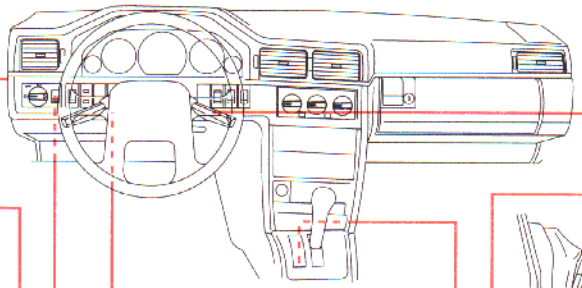

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31/6
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SB
GN
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31/2
5/1
BL-GN
GN
SB
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B:14
B:5
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10/95
11C
2/6
19
17
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A1
B
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A4
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Y
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3/3
BL-GN
GN
BL-OR
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7
3/6
BL-GN
BL-GN
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GN
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GN
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9
BL-OR
BL-Y
A16
GN
GN-GN
7
8
31/13
10/54
10/18
GN
3
SB
5
10/17
10/47
BL-GN
3
5
SB
10/18
31/11
GN
31/12
10/17
BL-GN

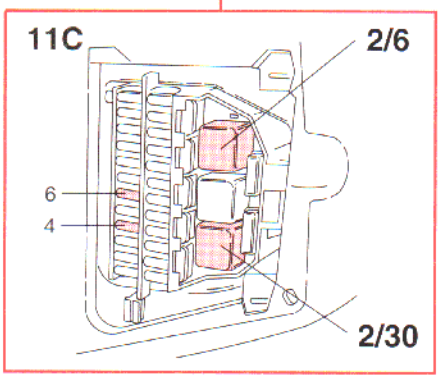

11C
2/6
6
4
2/30
3/37
BN-SB
A1
A
A4
R
2
16/10, 16/11
Y-W SB
31/2
34/42
11B
17
2/17

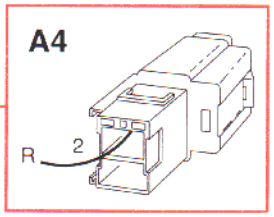

34/42
6/1
BL
GN-SB
BN
Y
4
3
2
1
31/16
31/10
6/2
SB
BL-R
31/6
11C
2/6
6
4
2/30
A4
R
2
31/2
A1
A
3/12
BL-R
BL-R
8
5
Y
3
W
2
BL-Y
1
6
GN-SB
BN
34/18
2/4
34/19

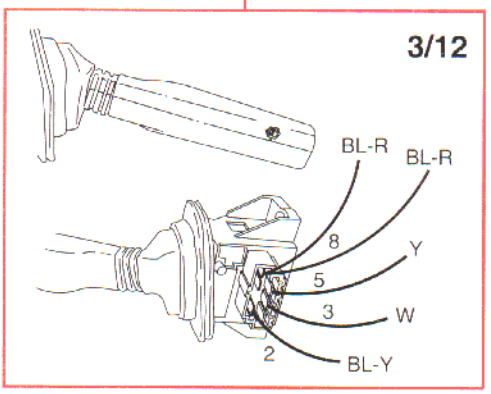

6/30
BL-OR
SB
1
2
31/2
31/6
11C
2/6
8
4
2/30
A27
Y-W
OR
4
SB
3
6
A1
B
A4
R
2
3/13
SB
Y
R
3
5
BL-OR
2
1
4
OR
6/32
SB
OR
Y-W
A26
OR
1
2
SB
SB
2/16
A16
OR
BL-OR
1
17
Y
19
18
R

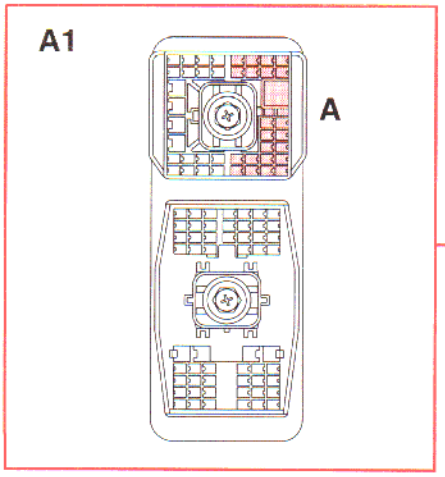

6/2
BL-R
SB
1
2
34/42
31/10
31/1
6/3,6/4
31/6
31/2

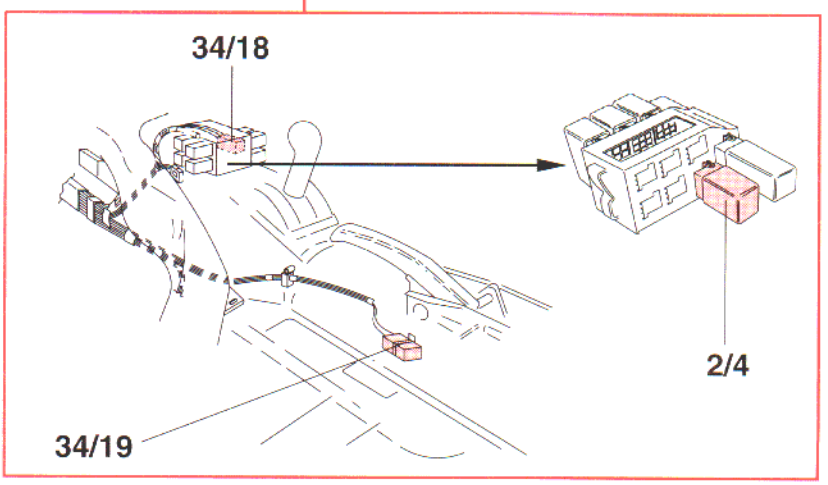


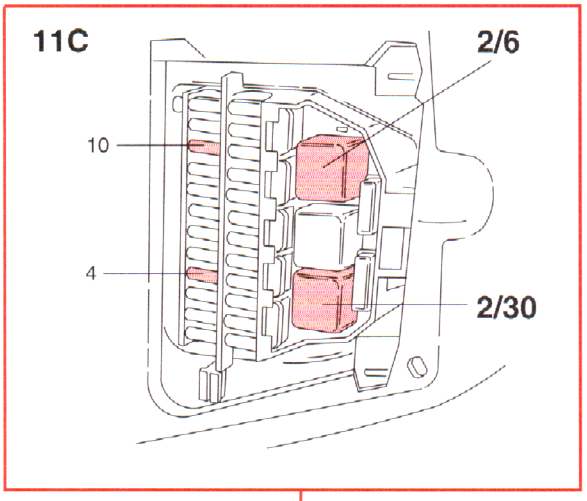

11C
2/6
6
4
2/30

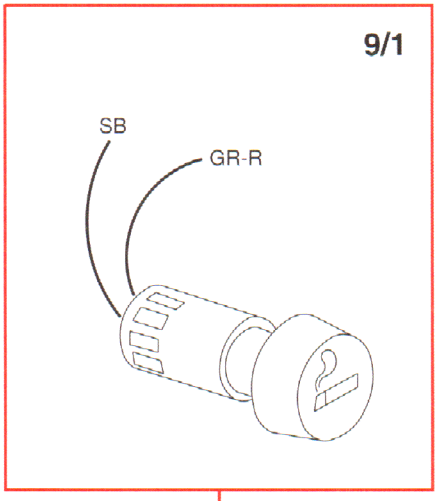

A4
R
2

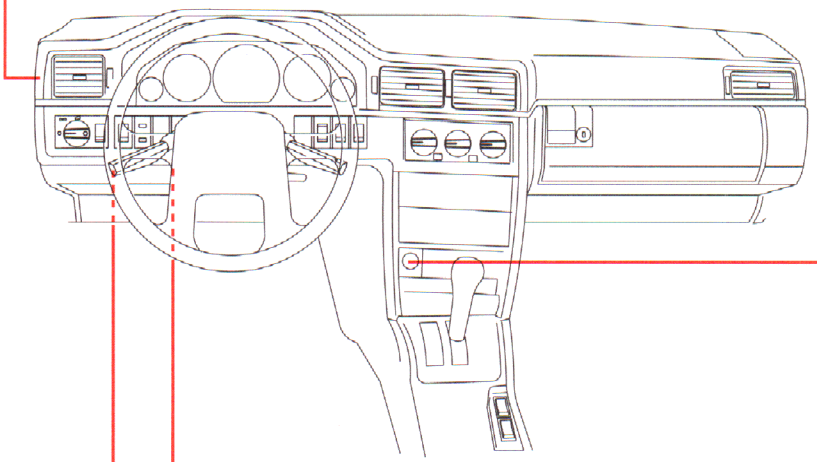

3/12
BL-R
BL-R
8
Y
5
3
W
2
BL-Y

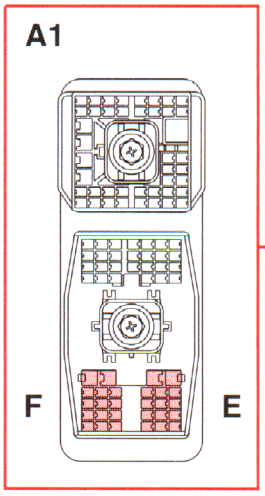

A1
A

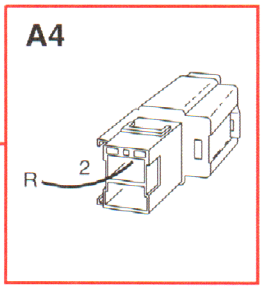

34/18
2/4
34/19

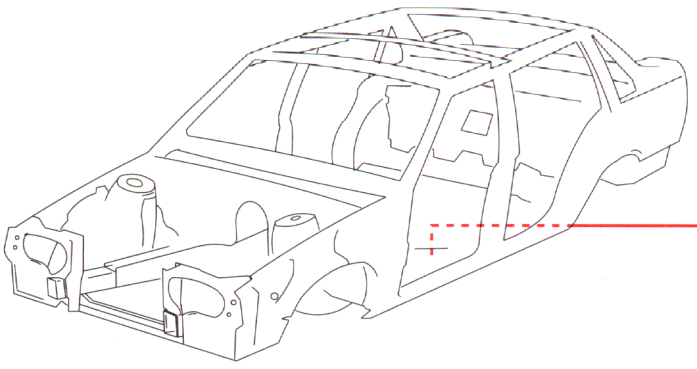

11C
2/6
10
4
2/30

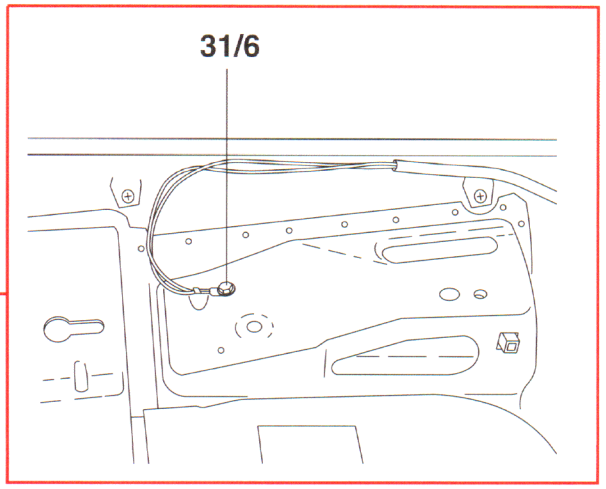

9/1
SB
GR-R

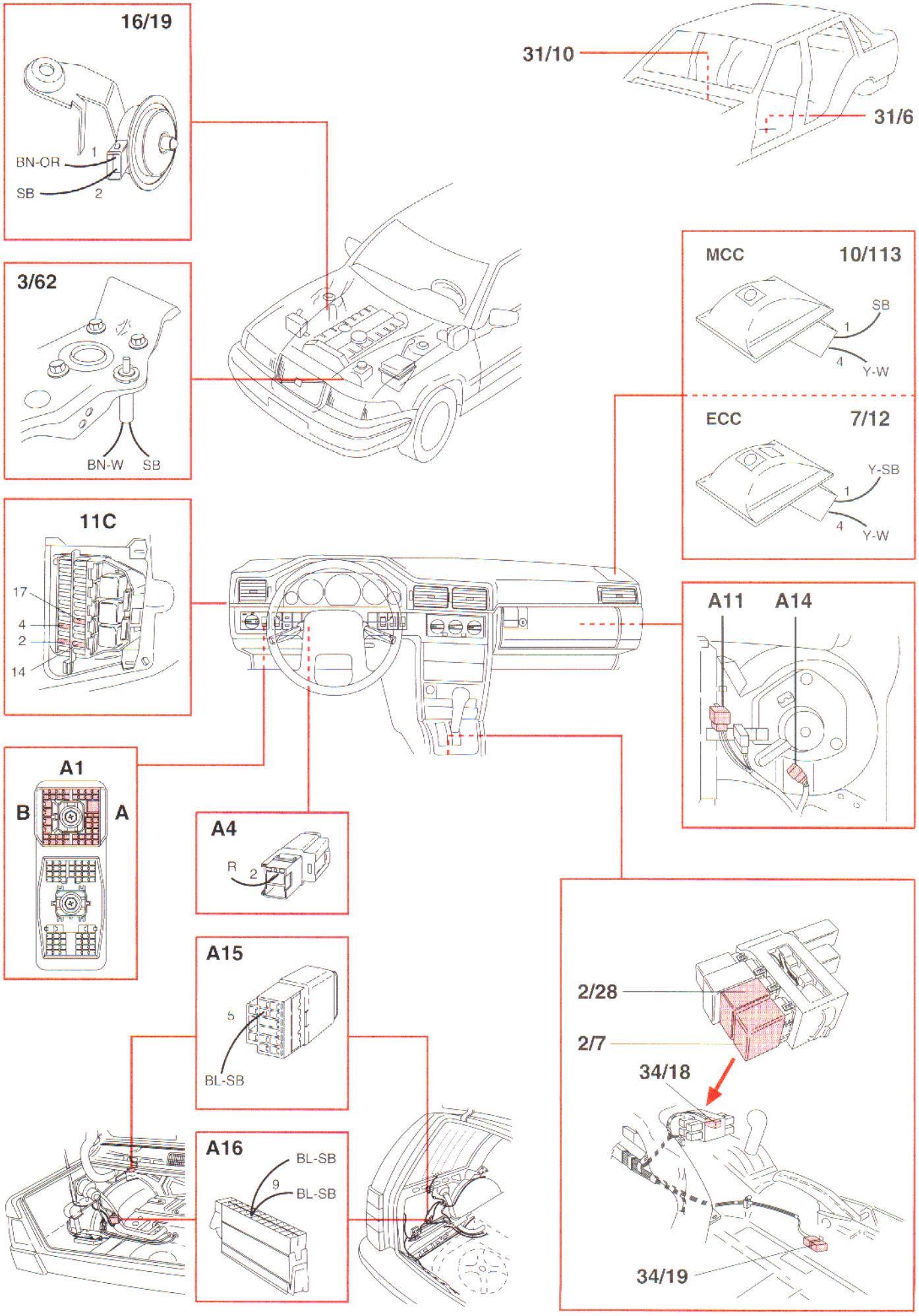


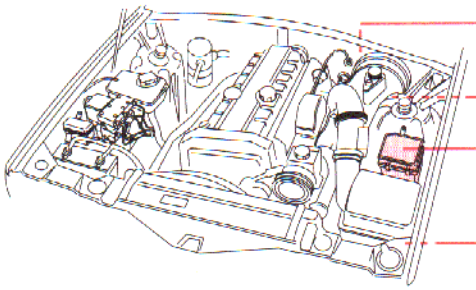

A1
F
E

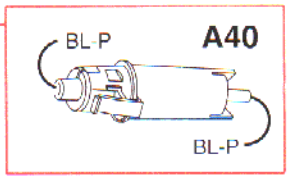

A4
R
2

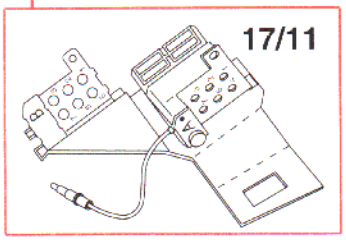


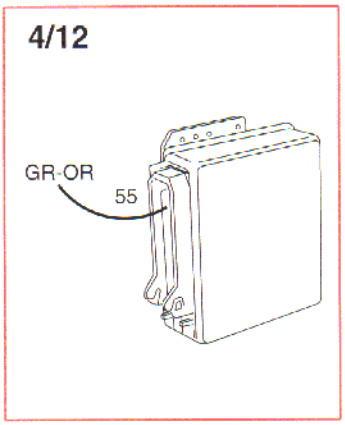

31/6

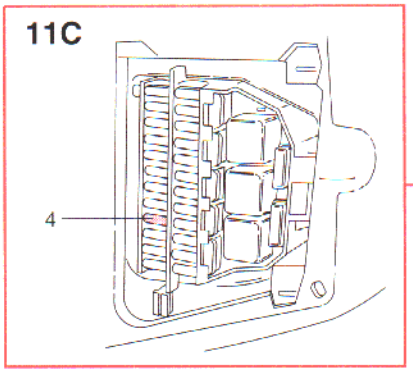

16/19
BN-OR
1
SB
2
31/10
31/6
3/62
BN-W
SB
MCC
10/113
SB
1
4
Y-W
ECC
7/12
Y-SB
1
4
Y-W
11C
17
4
2
14
A11
A14
A1
B
A
A4
R
2
A15
5
BL-SB
A16
BL-SB
9
BL-SB
2/28
2/7
34/18
34/19

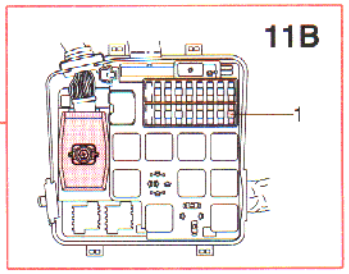

31/2

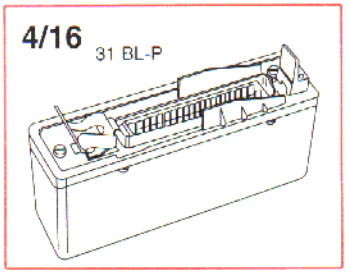

A40
BL-P
BL-P

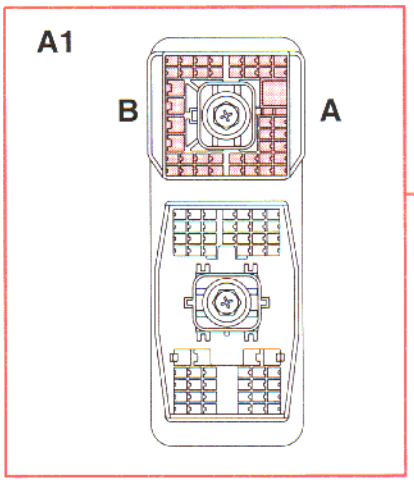

17/11

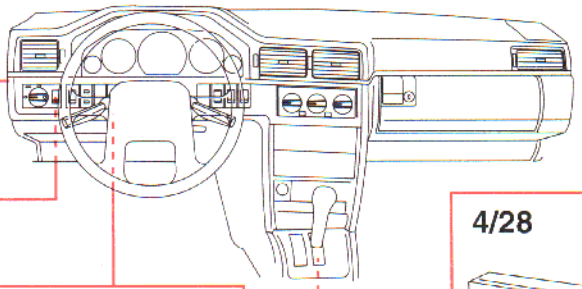

4/12
GR-OR
55

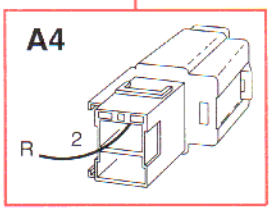

11C
4

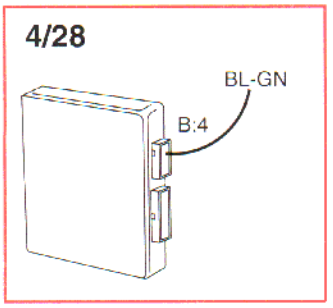

11B
1

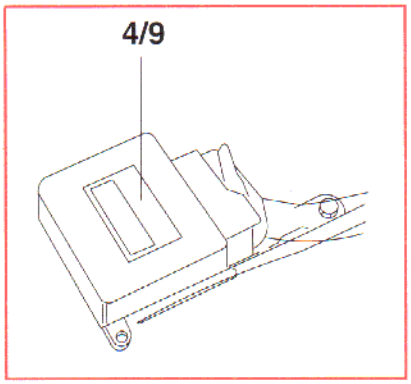

4/16
31 BL-P

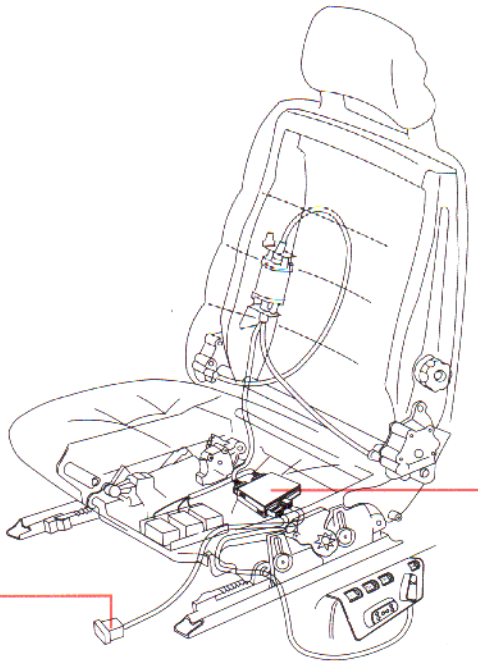

A1
B
A

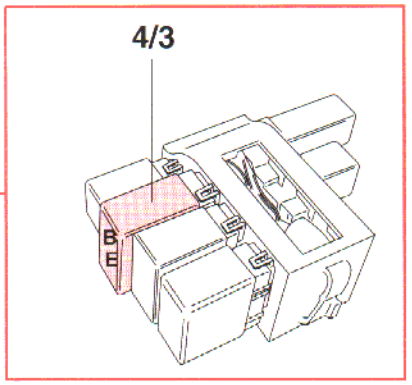


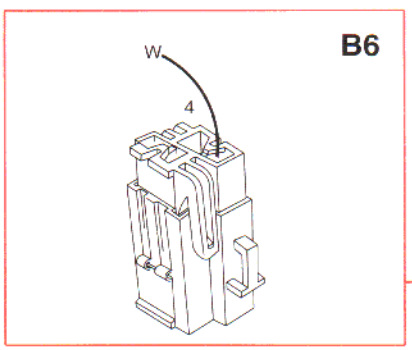

A4
R
2

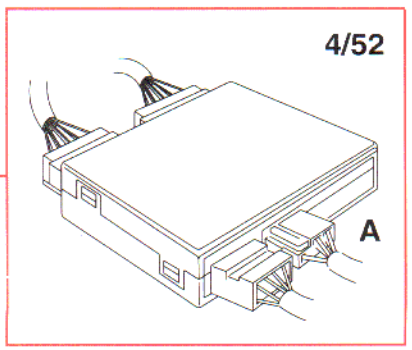

4/28
BL-GN
B:4

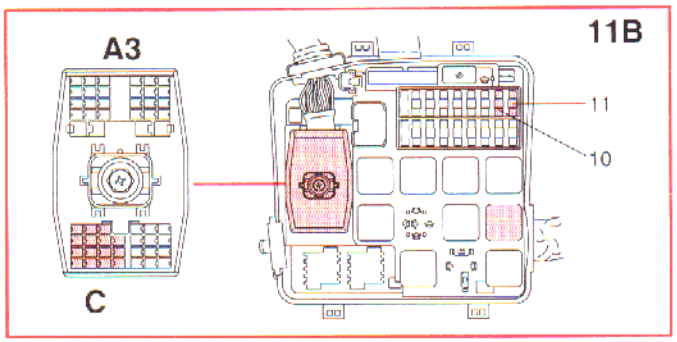

4/9

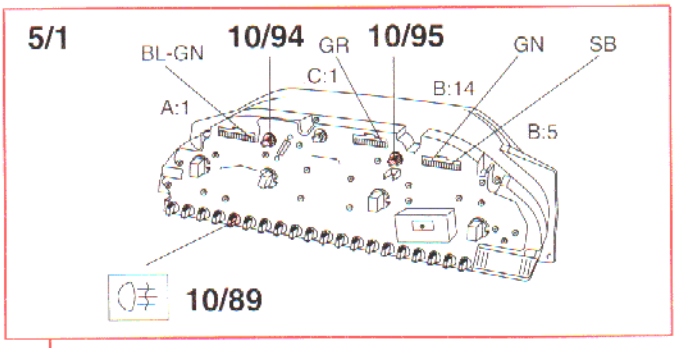


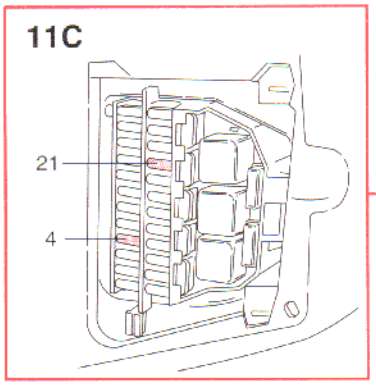

4/3
B
E

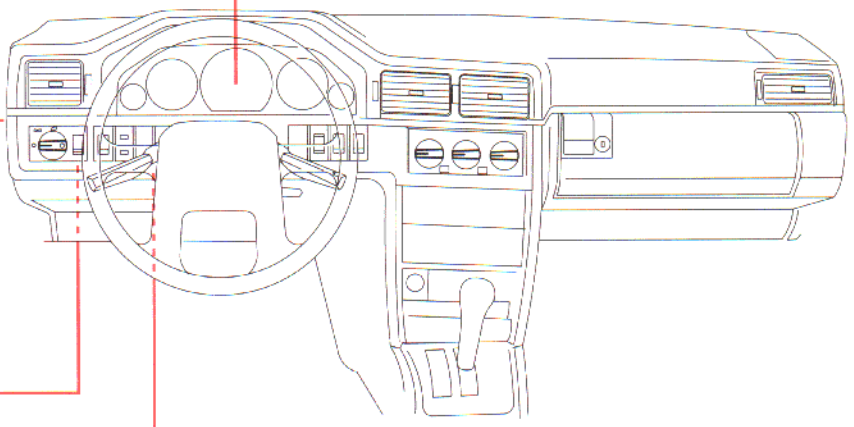

B6
W
4

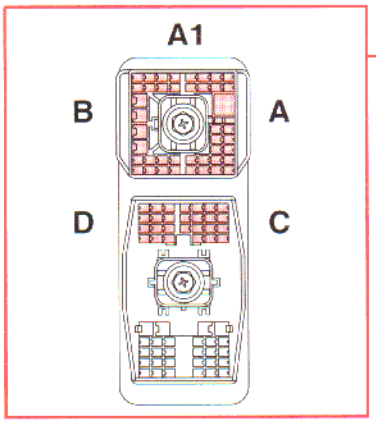

4/52
A

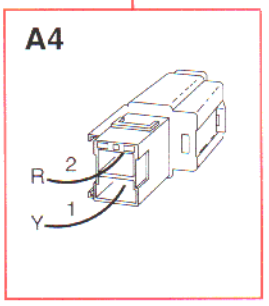

A3
11B
11
10
C

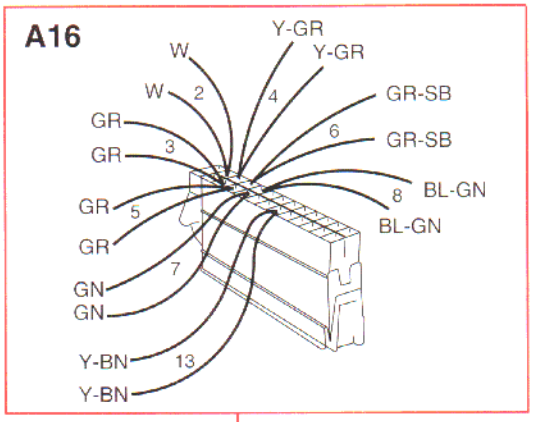

5/1
BL-GN
10/94
GR
10/95
GN
SB
C:1
A:1
B:14
B:5
10/89

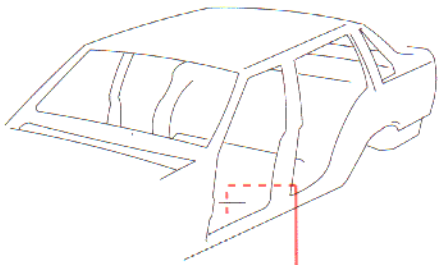

11C
21
4

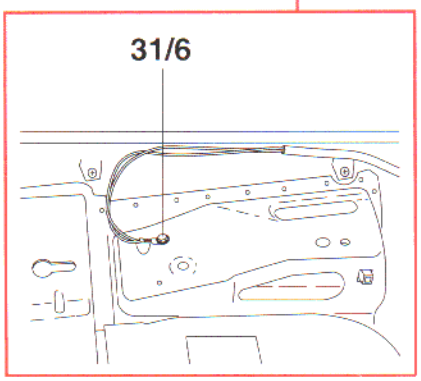


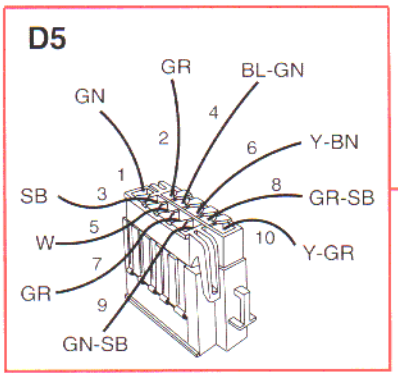

A1
B
A
D
C

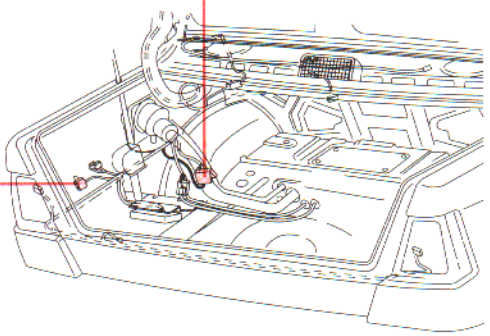

A4
R
2
Y
1

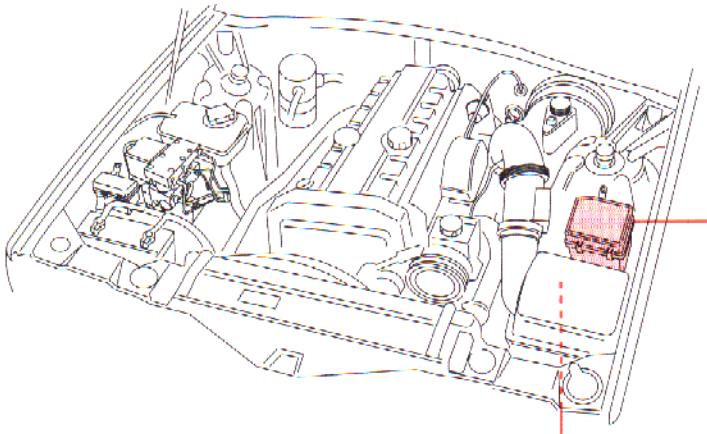

A16
W
Y-GR
Y-GR
W
2
4
GR-SB
GR
3
6
GR-SB
GR
8
BL-GN
GR
5
BL-GN
GR
7
GN
GN
Y-BN
13
Y-BN

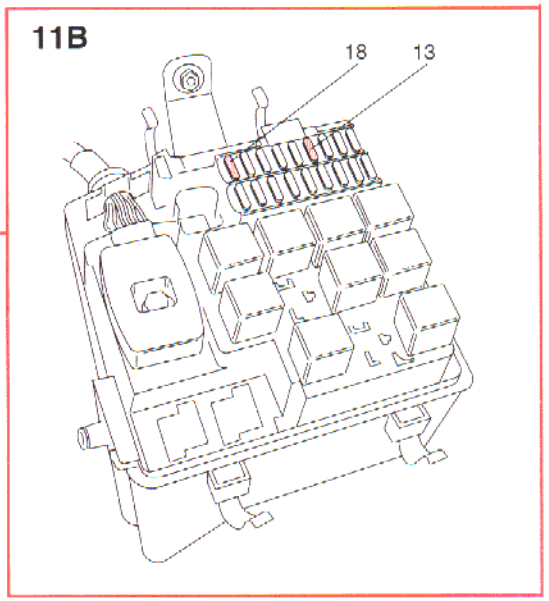


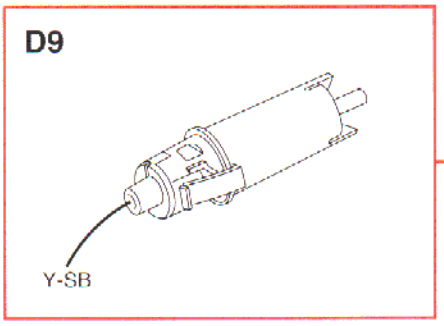

31/6

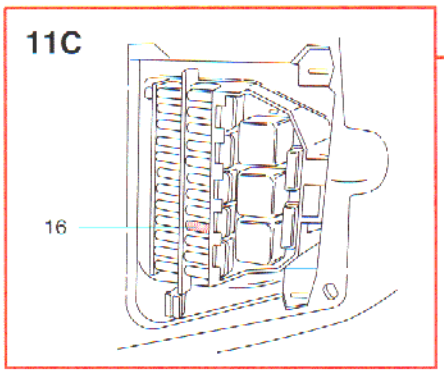

D5
GR
BL-GN
GN
4
2
6
Y-BN
1
SB
3
8
GR-SB
W
5
10
Y-GR
7
GR
9
GN-SB

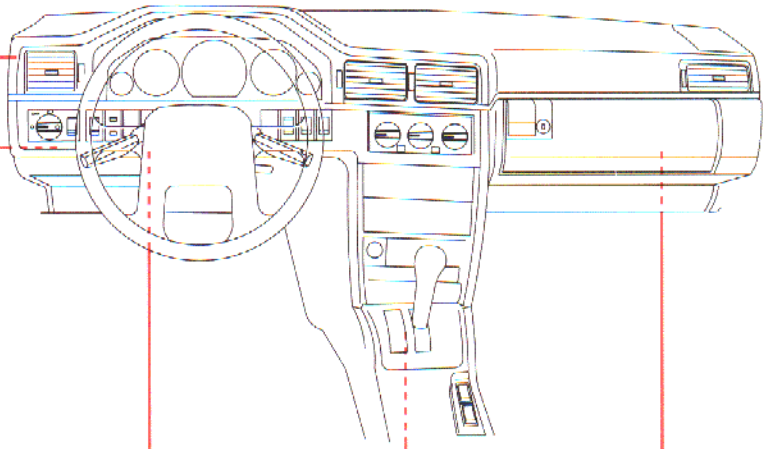


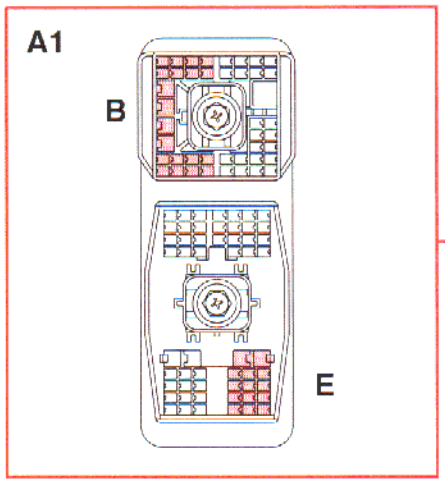


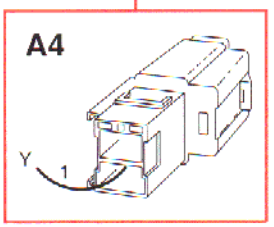

11B
18
13

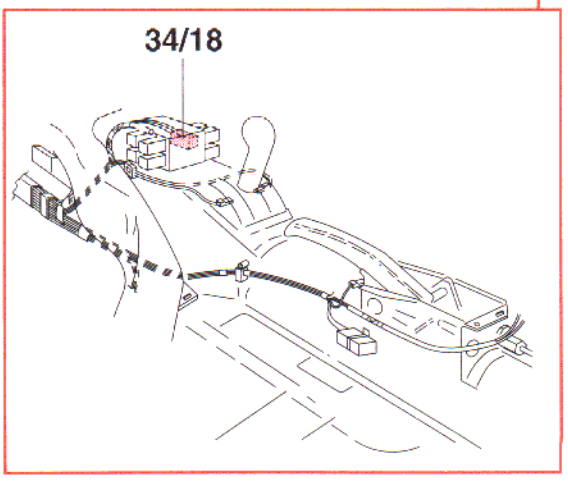

D9
Y-SB

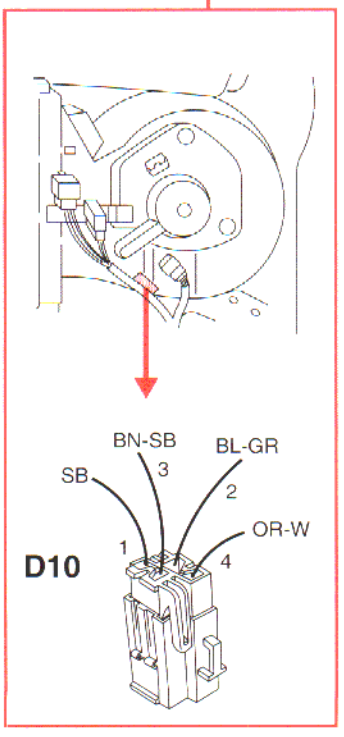

11C
16

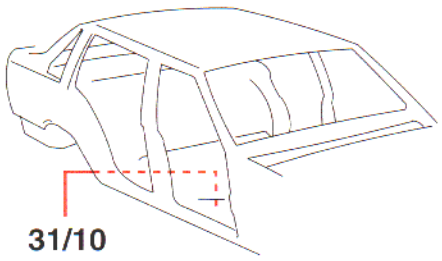


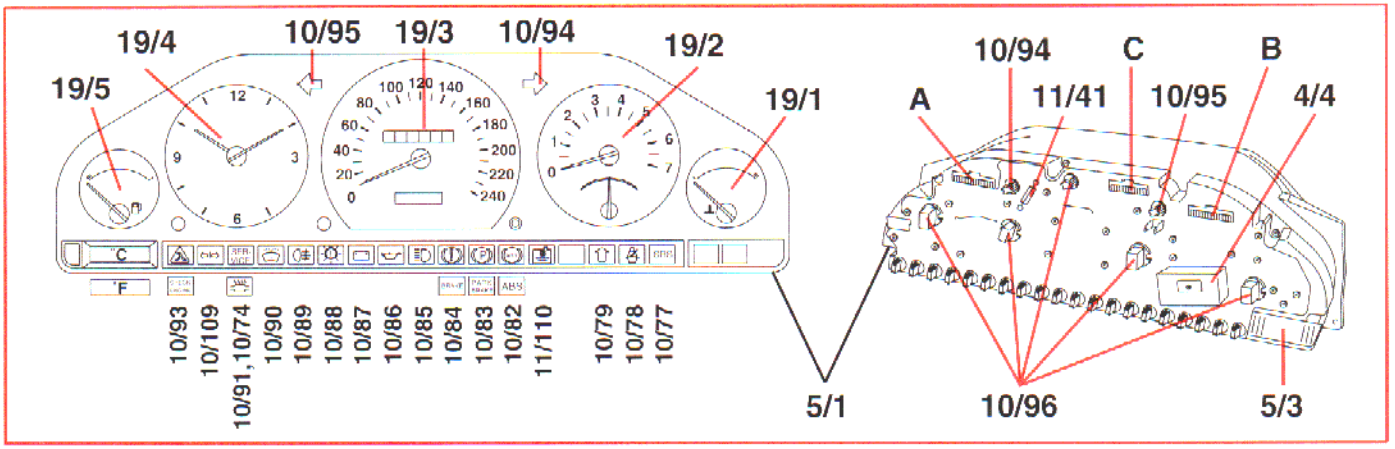

A1
B
E

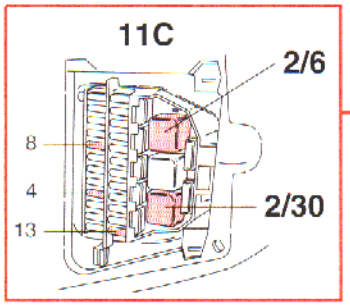

A4
Y
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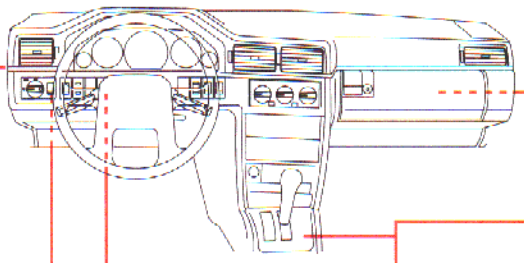

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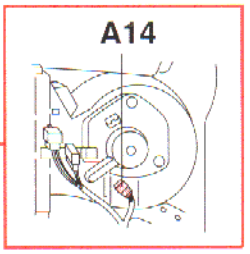

BN-SB
3
BL-GR
SB
2
OR-W
1
4
D10

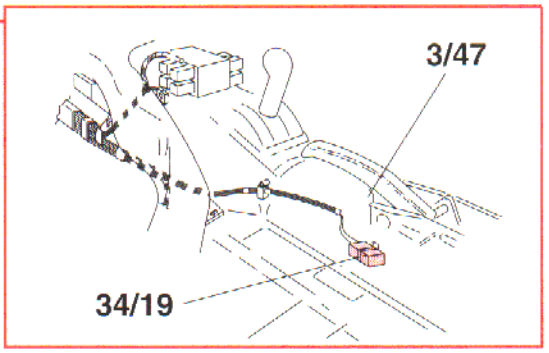

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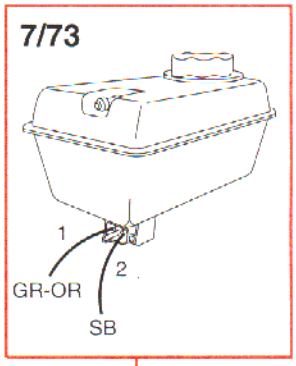

19/4
10/95
19/3
10/94
19/2
19/5
19/1
10/93
10/109
10/91, 10/74
10/90
10/89
10/88
10/87
10/86
10/85
10/84
10/83
10/82
11/110
10/79
10/78
10/77
5/1
10/94
C
B
A
11/41
10/95
4/4
10/96
5/3

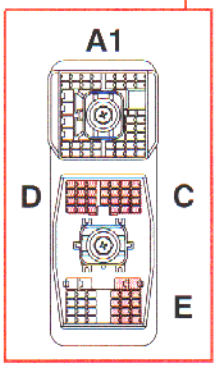

11C
2/6
8
4
13
2/30

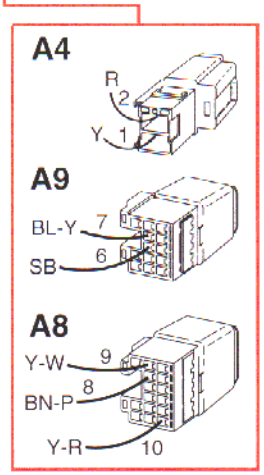


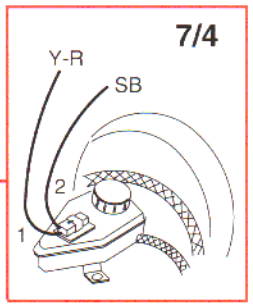

A14

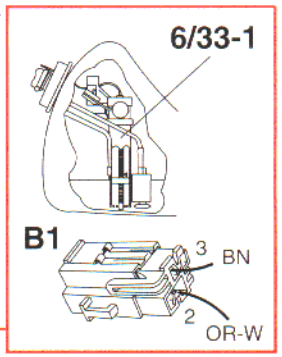

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34/19

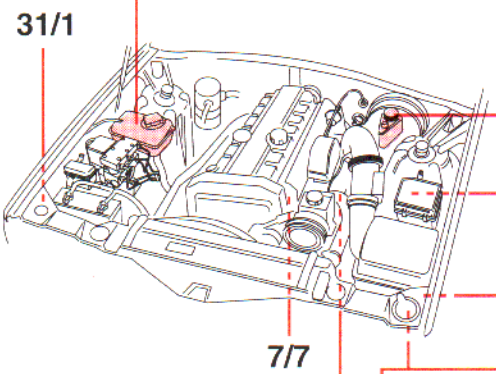

7/73
1
2
GR-OR
SB

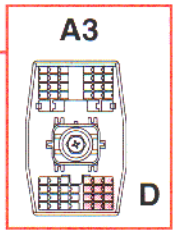

A1
D
C
E

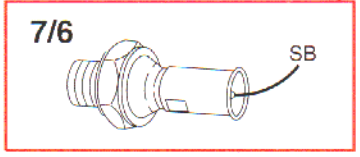

A4
R
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Y
1
A9
BL-Y
7
SB
6
A8
Y-W
9
BN-P
8
Y-R
10

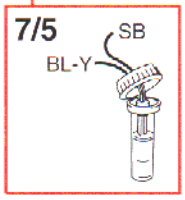

7/4
Y-R
SB
2
1

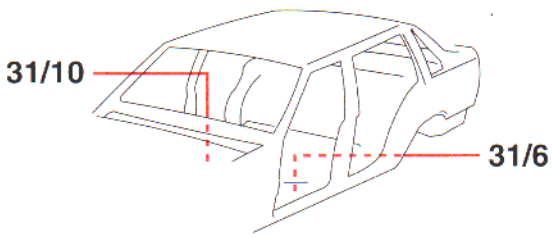

6/33-1
B1
3
BN
2
OR-W

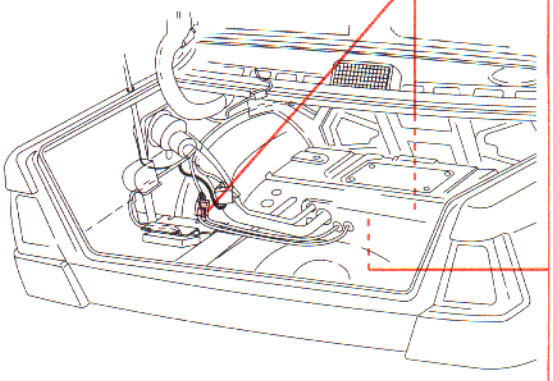

31/1
31/2
7/7

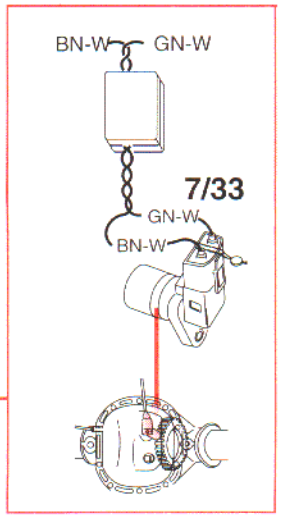

A3
D


7/6
SB


7/5
SB
BL-Y

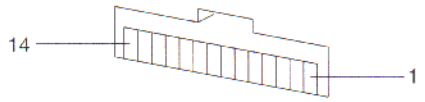

31/10
31/6




BN-W
GN-W
7/33
GN-W
BN-W

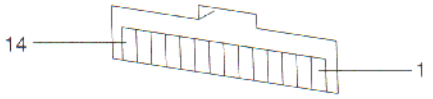
A

1	BL-GN	8	GN-BN
2	R-SB	9	-
3	-	10	-
4	SB	11	OR-SB
5	GN-W	12	BN-P
6	BN-OR	13	R-W
7	Y-GR	14	Y-W



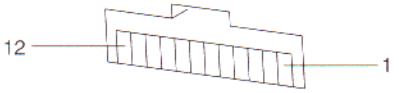
B

1	OR	8	GN-GR
2	OR-W	9	BL-W
3	BN	10	BL-Y
4	GN-R	11	BL-SB
5	SB	12	BN-SB
6	-	13	OR
7	W	14	GN



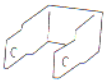
C

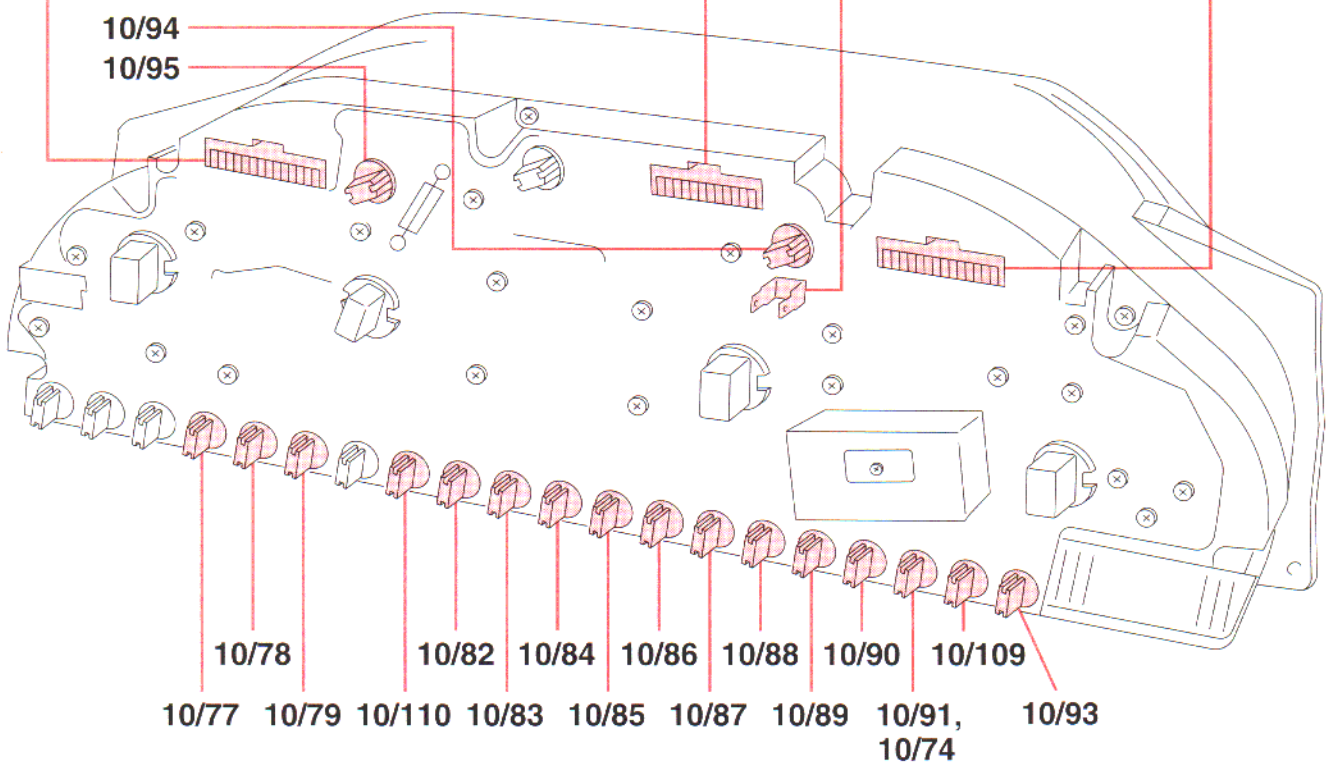
1	GR	7	GR-W
2	P-SB	8	GN
3	R	9	GR-OR
4	SB	10	-
5	BL-GR	11	-
6	Y-R	12	GN-GR



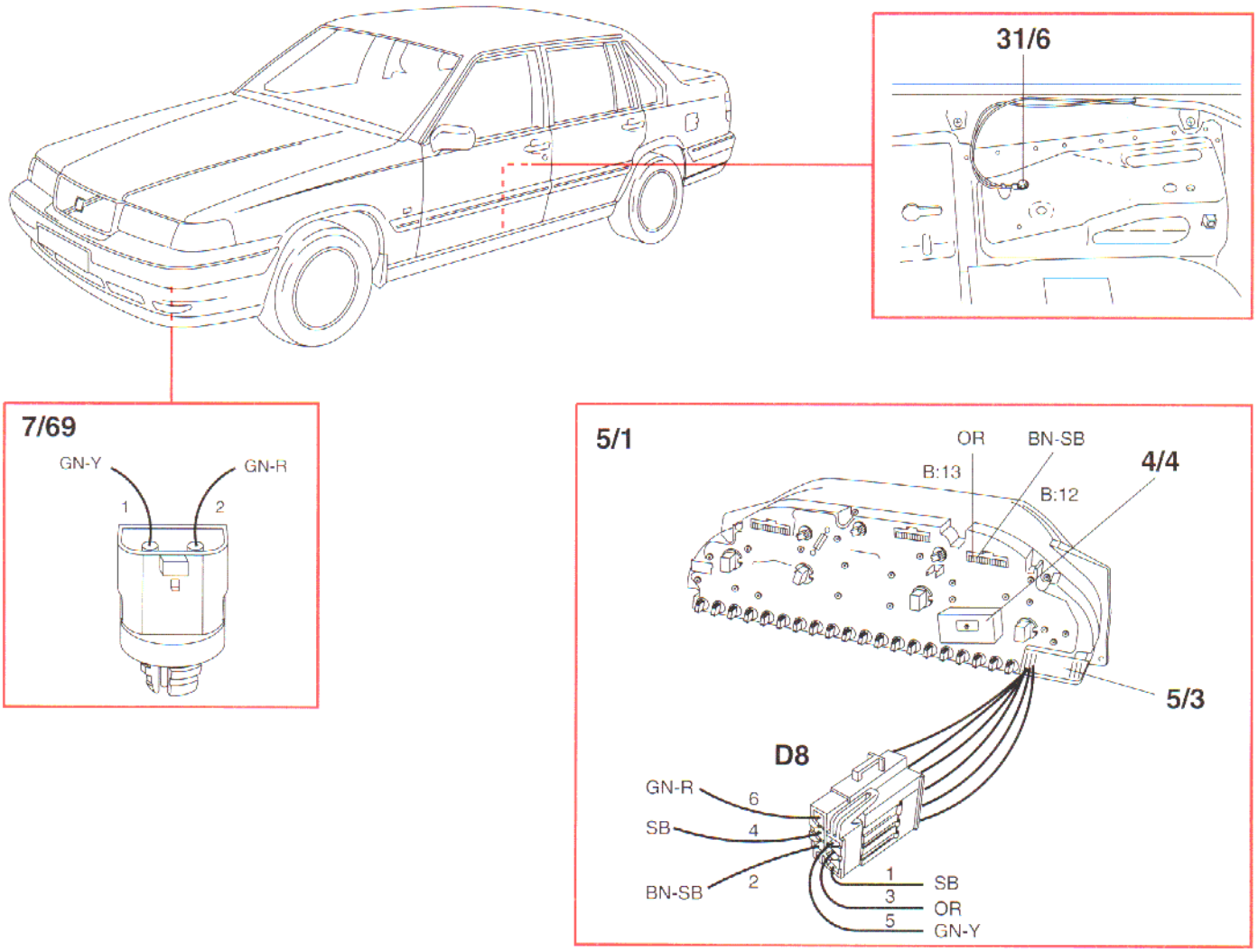
D

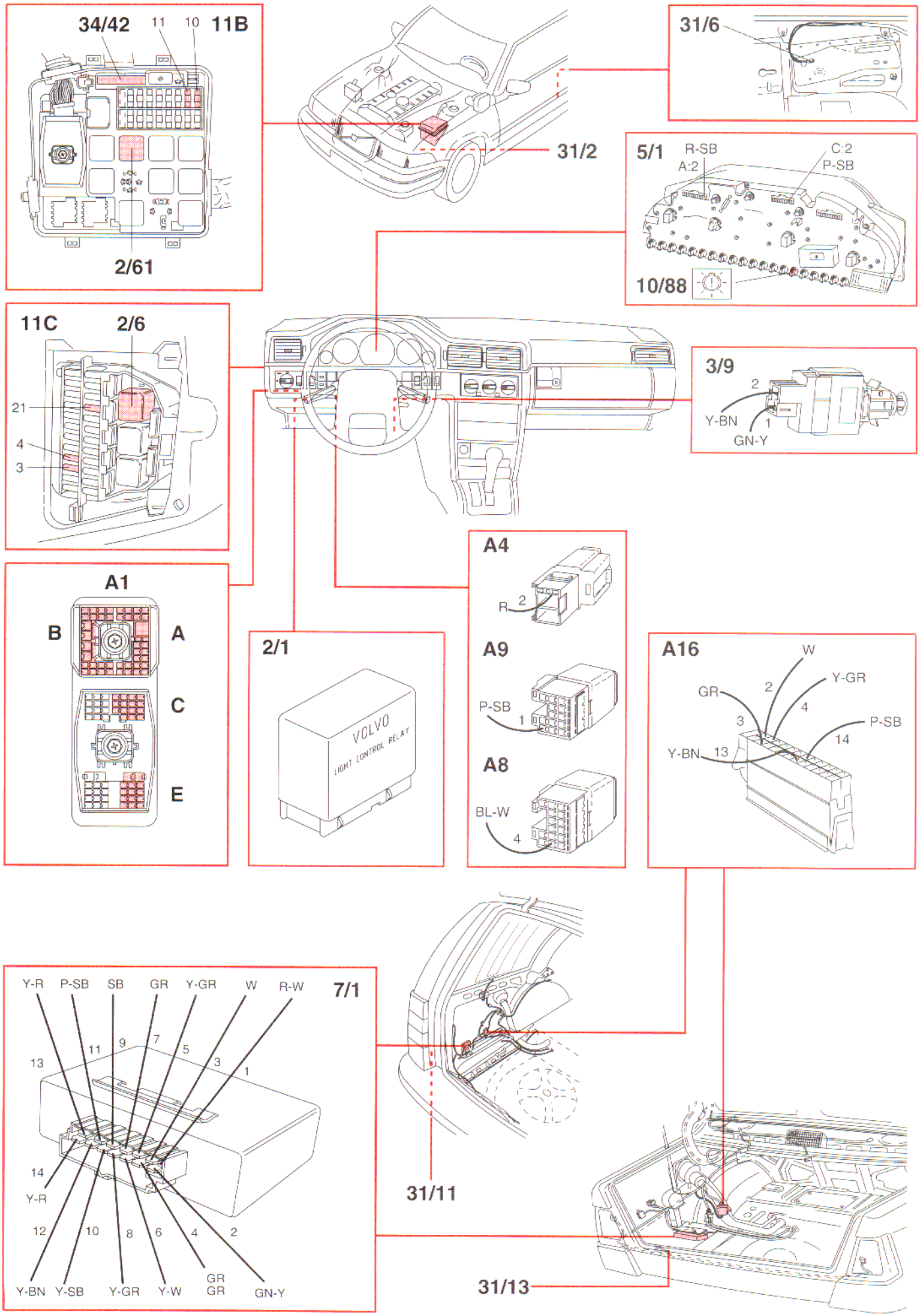
1 Y-GR

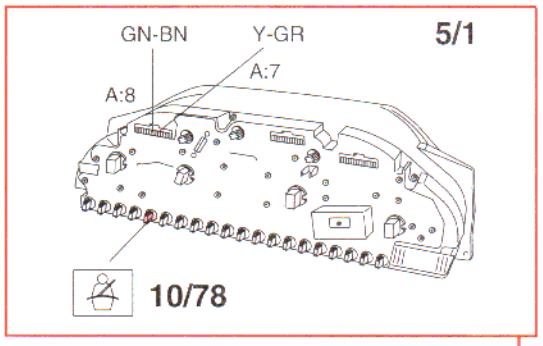


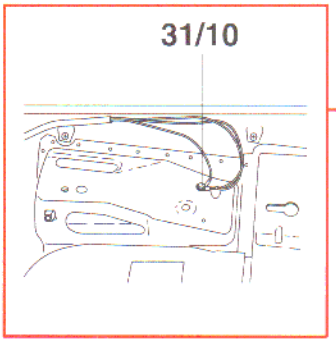


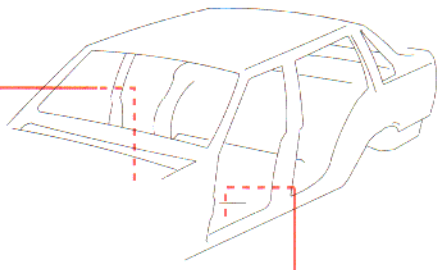
			10/77 SRS	10/78	10/79		10/110	10/82 ABS	10/83 P
								ABS	PARK BRAKE
10/84	10/85	10/86	10/87	10/88	10/89	10/90	10/91 SER-VICE	10/109	10/93
BRAKE							10/74		CHECK ENGINE

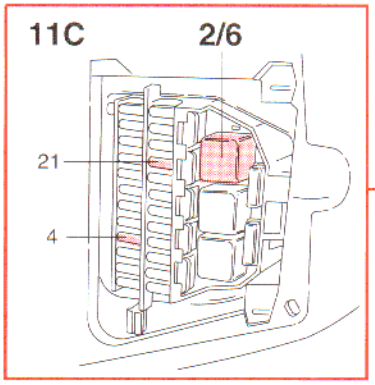

31/6
7/69
GN-Y
GN-R
1
2
5/1
OR
BN-SB
B:13
B:12
4/4
5/3
D8
GN-R
6
SB
4
BN-SB
2
1
SB
3
OR
5
GN-Y
11C
2/6
8
4
2/30
A1
E
A4
R
2
A9
GN-Y
8
GN-R
9

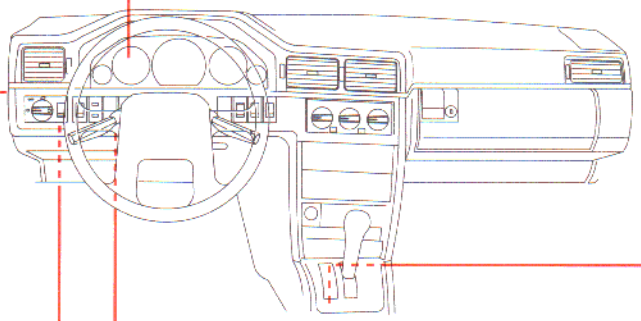

34/42
11
10
11B
2/61
31/2
31/6
5/1
R-SB
A:2
C:2
P-SB
10/88
11C
2/6
21
4
3
3/9
2
Y-BN
1
GN-Y
A1
B
A
C
E
2/1
VOLVO
LIGHT CONTROL RELAY
A4
R
2
A9
P-SB
1
A8
BL-W
4
A16
W
Y-GR
GR
2
4
3
P-SB
14
Y-BN
13
7/1
Y-R
P-SB
SB
GR
Y-GR
W
R-W
13
11
9
7
5
3
1
14
Y-R
12
10
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4
2
Y-BN
Y-SB
Y-GR
Y-W
GR
GR
GN-Y
31/11
31/13

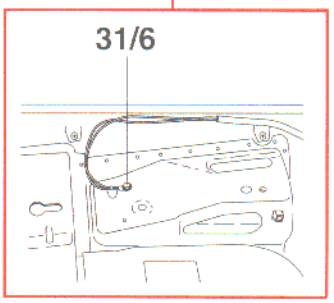

GN-BN
Y-GR
5/1
A:8
A:7
10/78

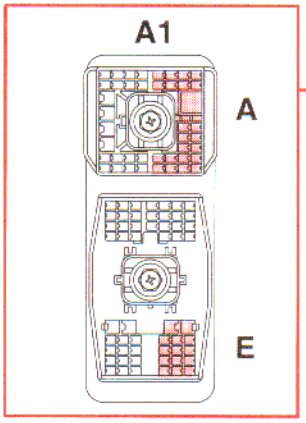

31/10

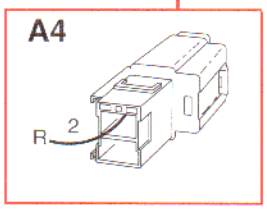


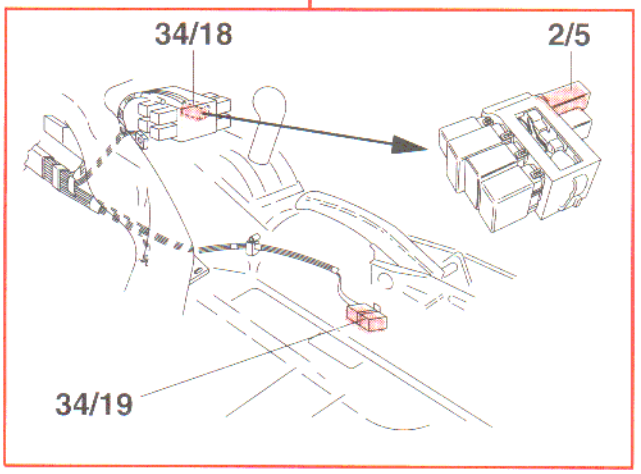

11C
2/6
21
4

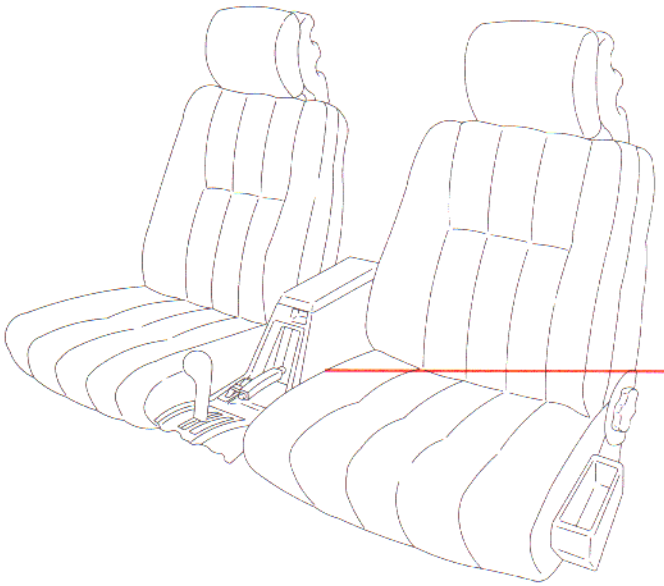


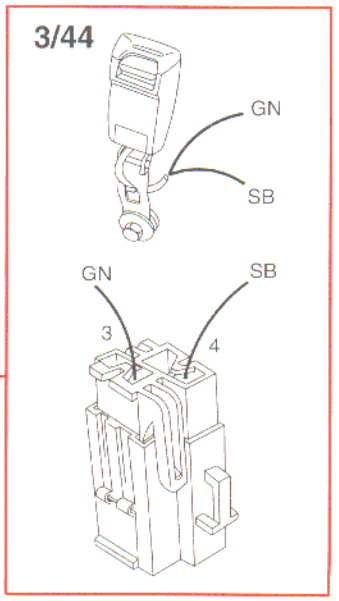

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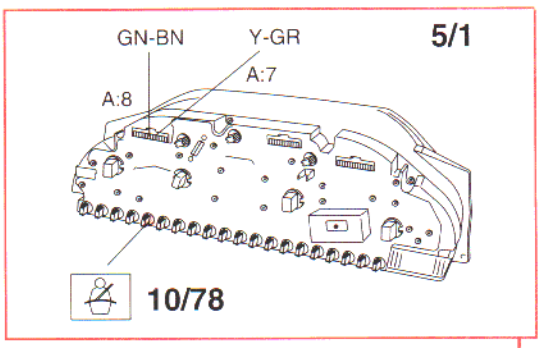

A1
A
E

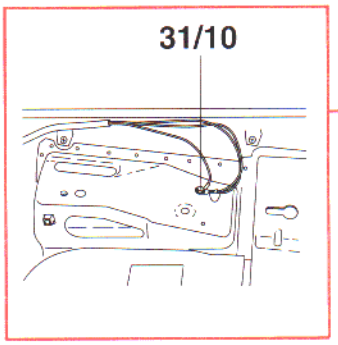

A4
R
2

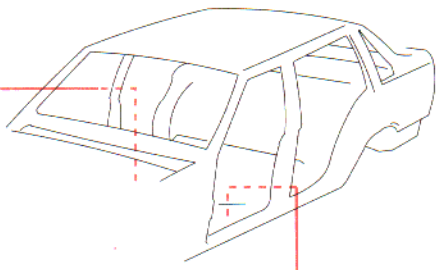

34/18
2/5
34/19

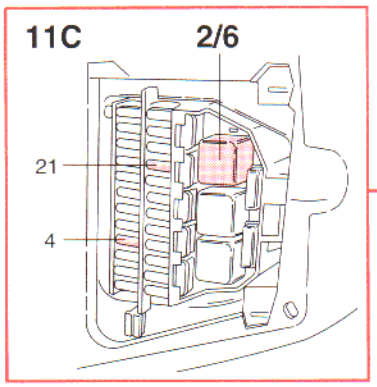


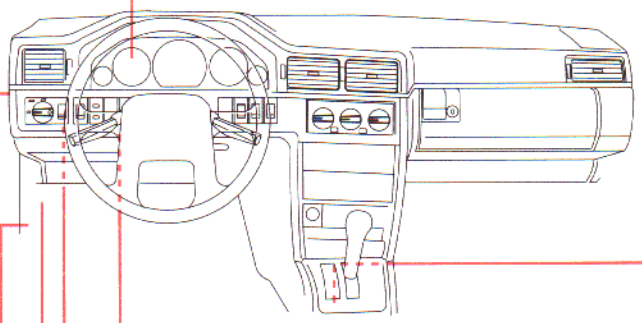

3/44
GN
SB
GN
SB
3
4

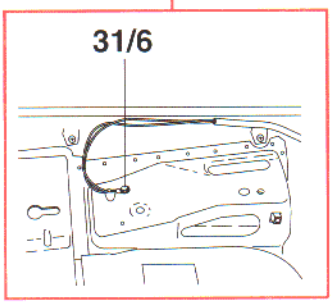

GN-BN
Y-GR
5/1
A:8
A:7
10/78

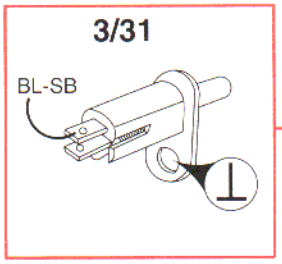

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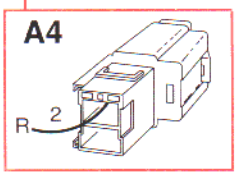


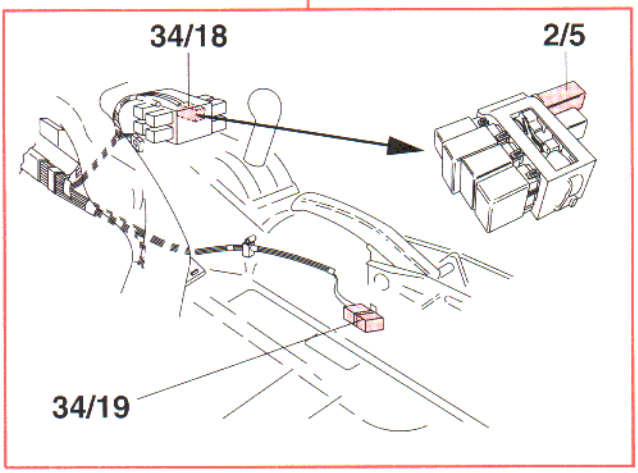

11C
2/6
21
4

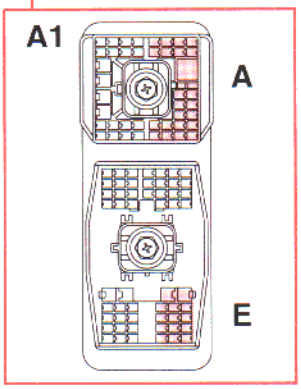


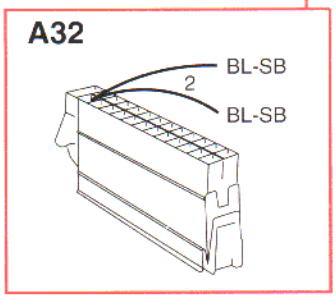

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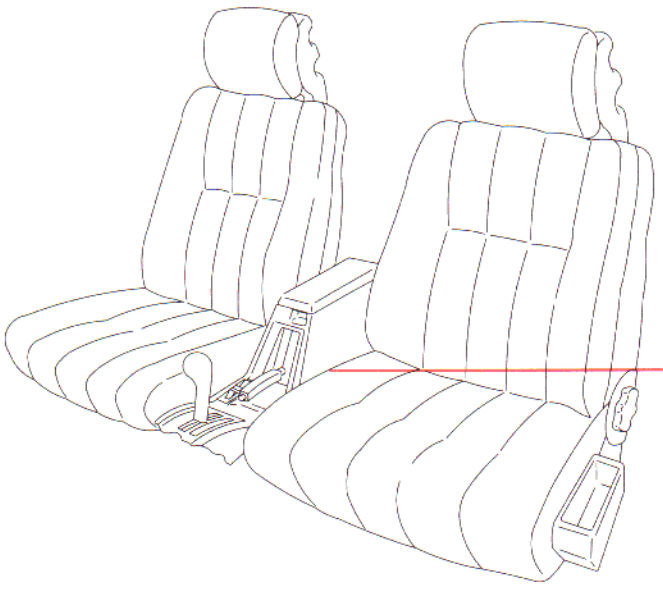

3/31
BL-SB

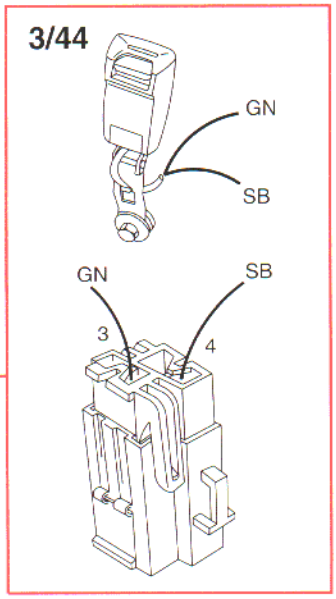

A4
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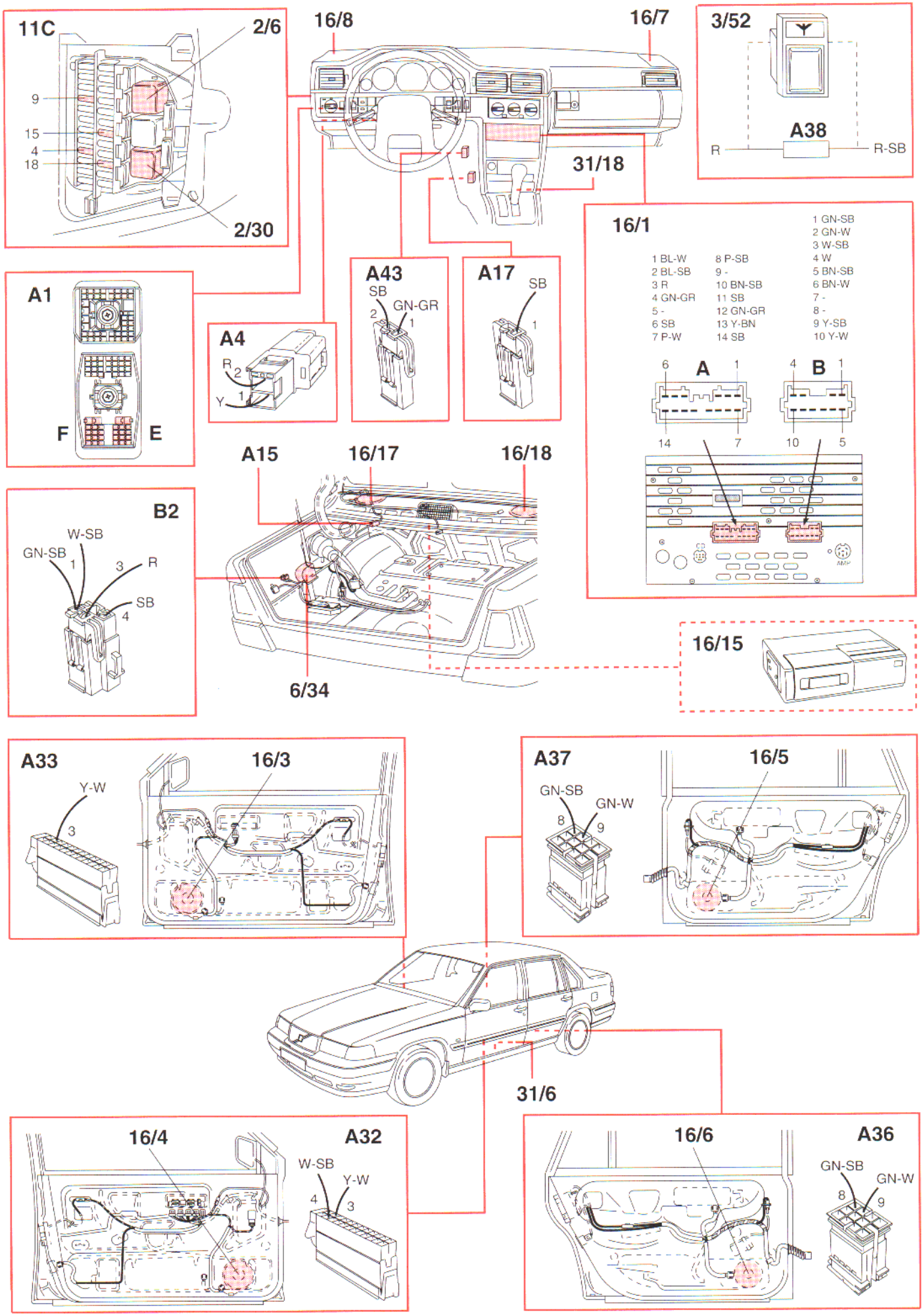

34/18
2/5
34/19

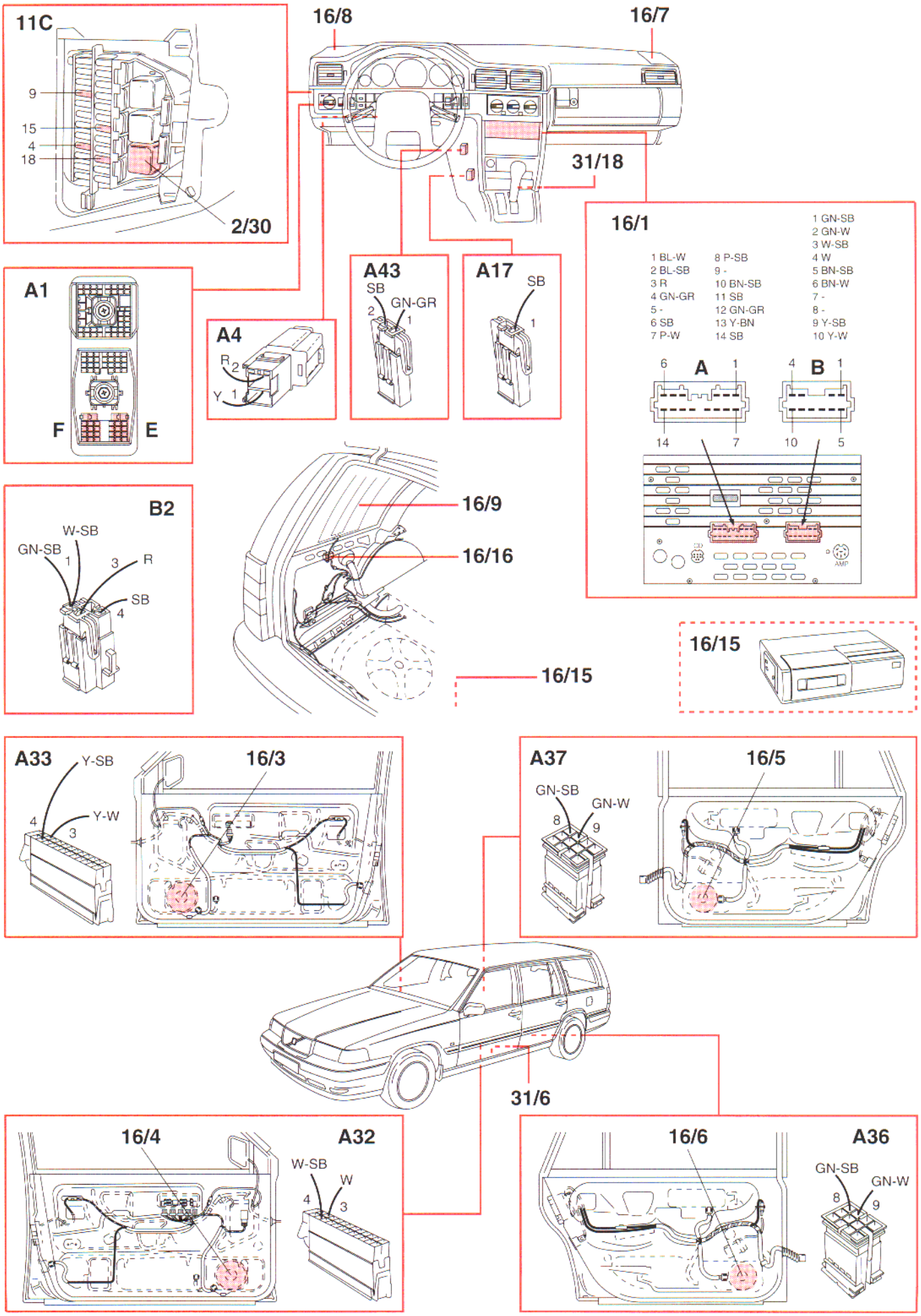

A1
A
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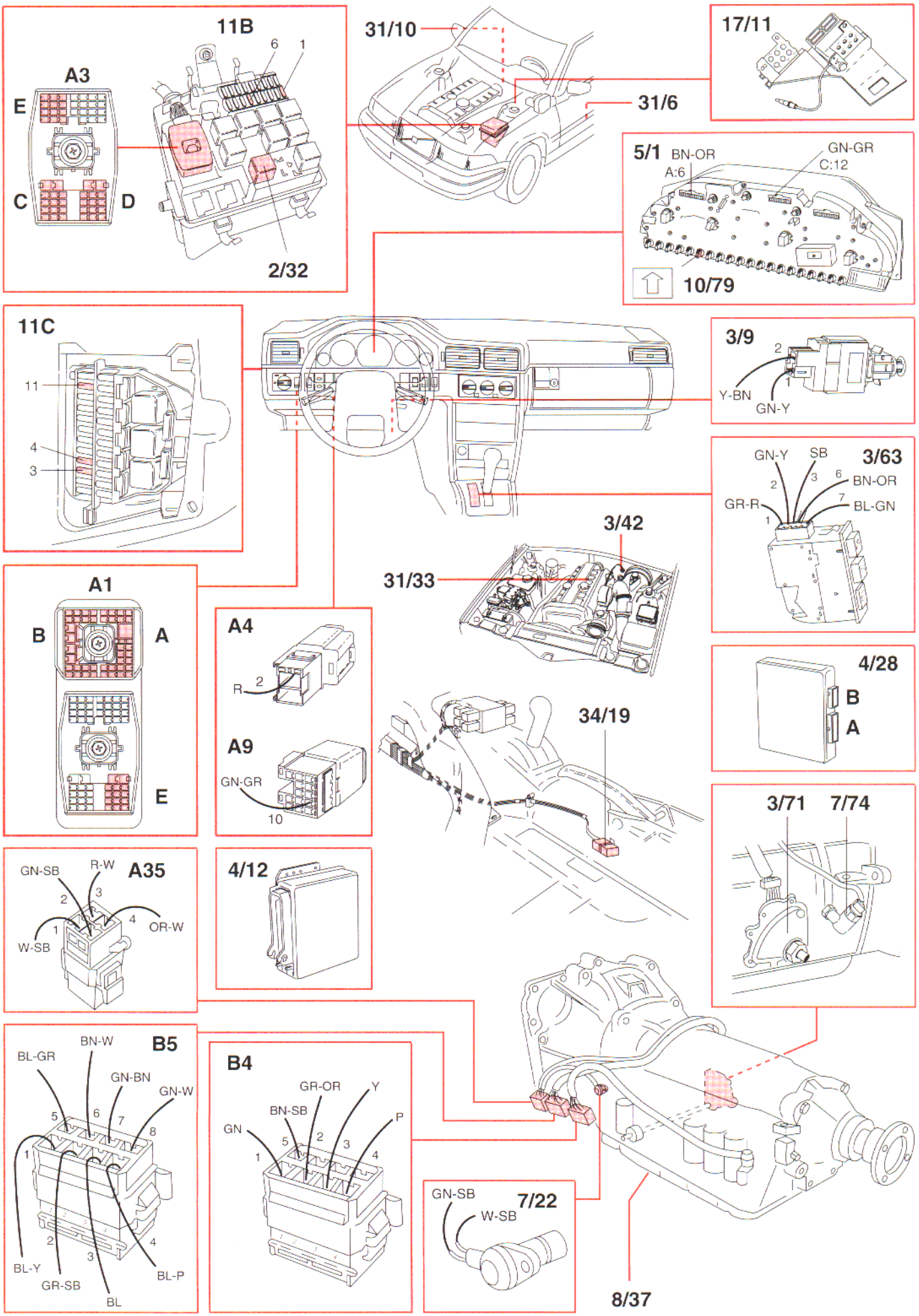

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BL-SB
BL-SB

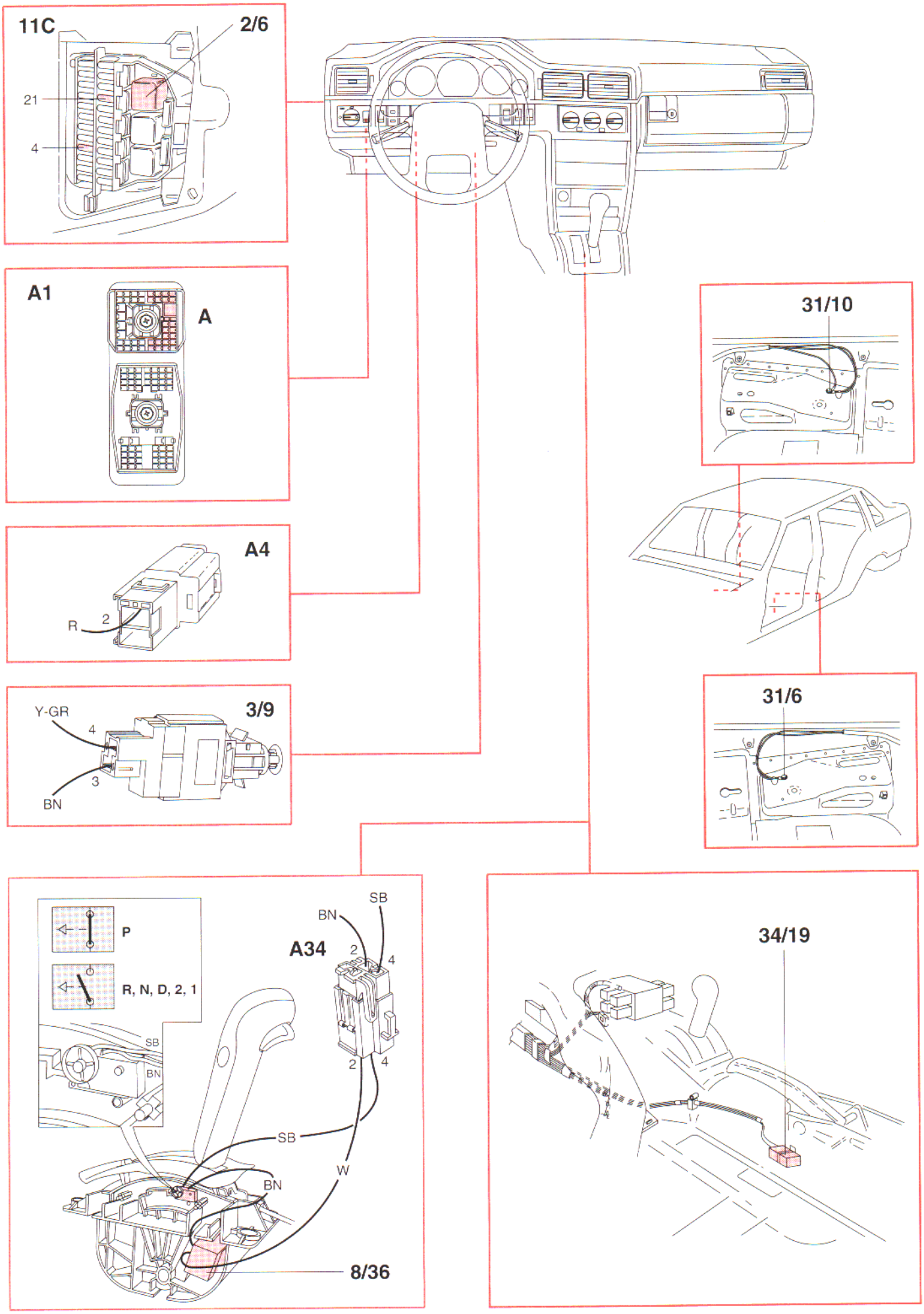


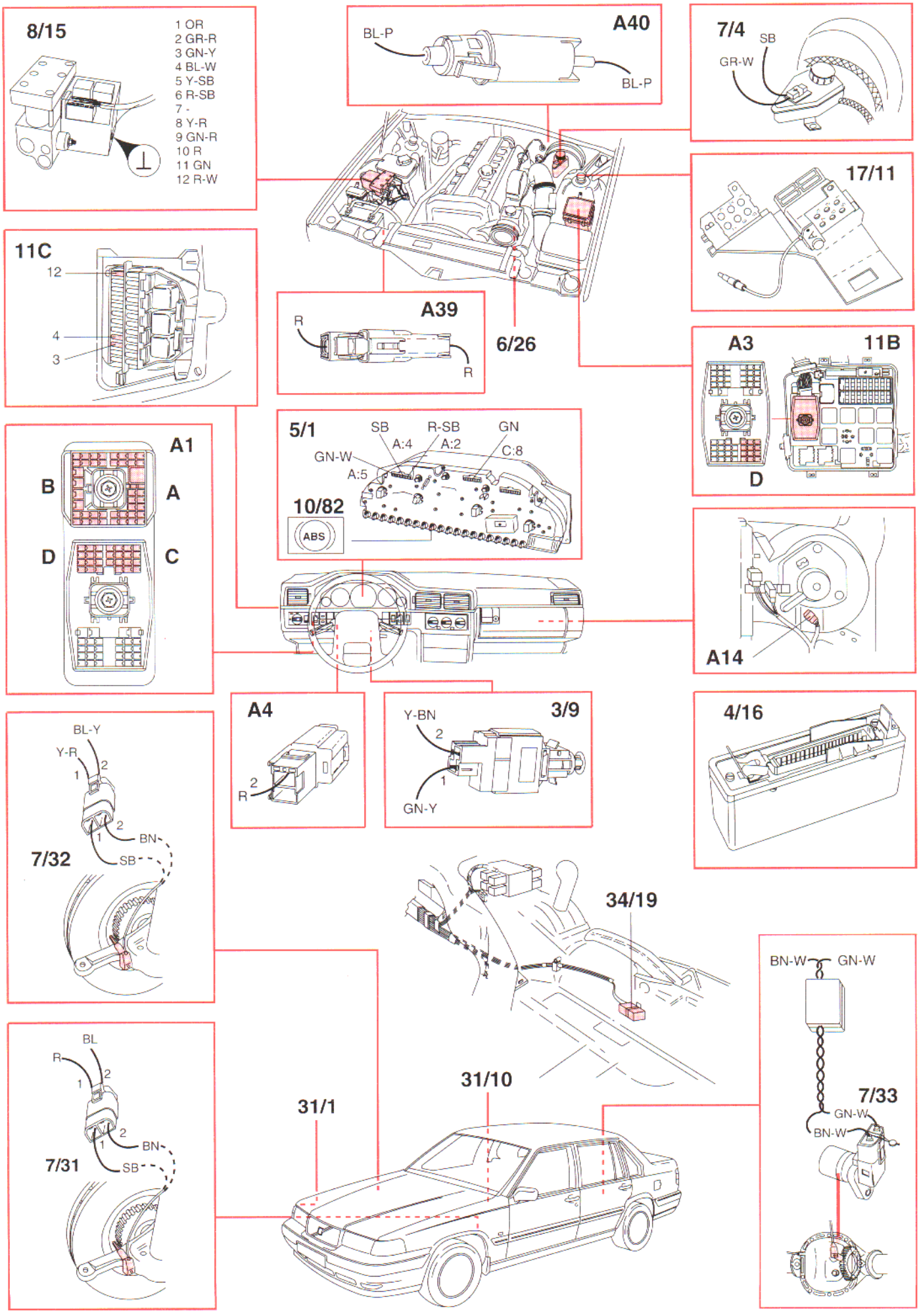

3/44
GN
SB
GN
SB
3
4

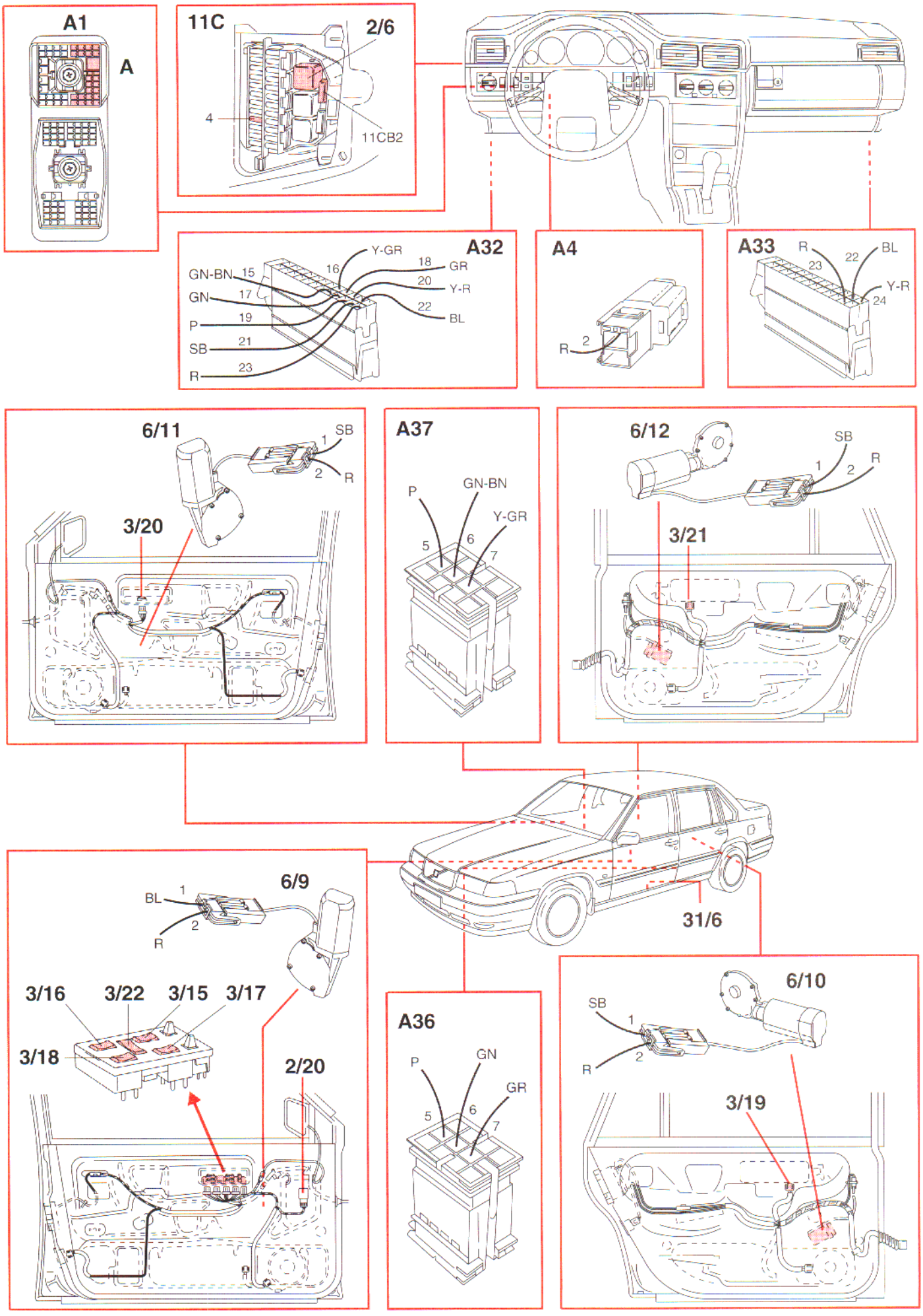

11C
2/6
9
15
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18
2/30
16/8
16/7
31/18
3/52
A38
R
R-SB
16/1
1 BL-W
2 BL-SB
3 R
4 GN-GR
5 -
6 SB
7 P-W
8 P-SB
9 -
10 BN-SB
11 SB
12 GN-GR
13 Y-BN
14 SB
1 GN-SB
2 GN-W
3 W-SB
4 W
5 BN-SB
6 BN-W
7 -
8 -
9 Y-SB
10 Y-W
A
B
A1
F
E
A4
R
Y
A43
SB
GN-GR
A17
SB
A15
16/17
16/18
B2
W-SB
GN-SB
R
SB
6/34
16/15
A33
Y-W
16/3
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31/6
16/4
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W-SB
Y-W
16/6
A36
GN-SB
GN-W

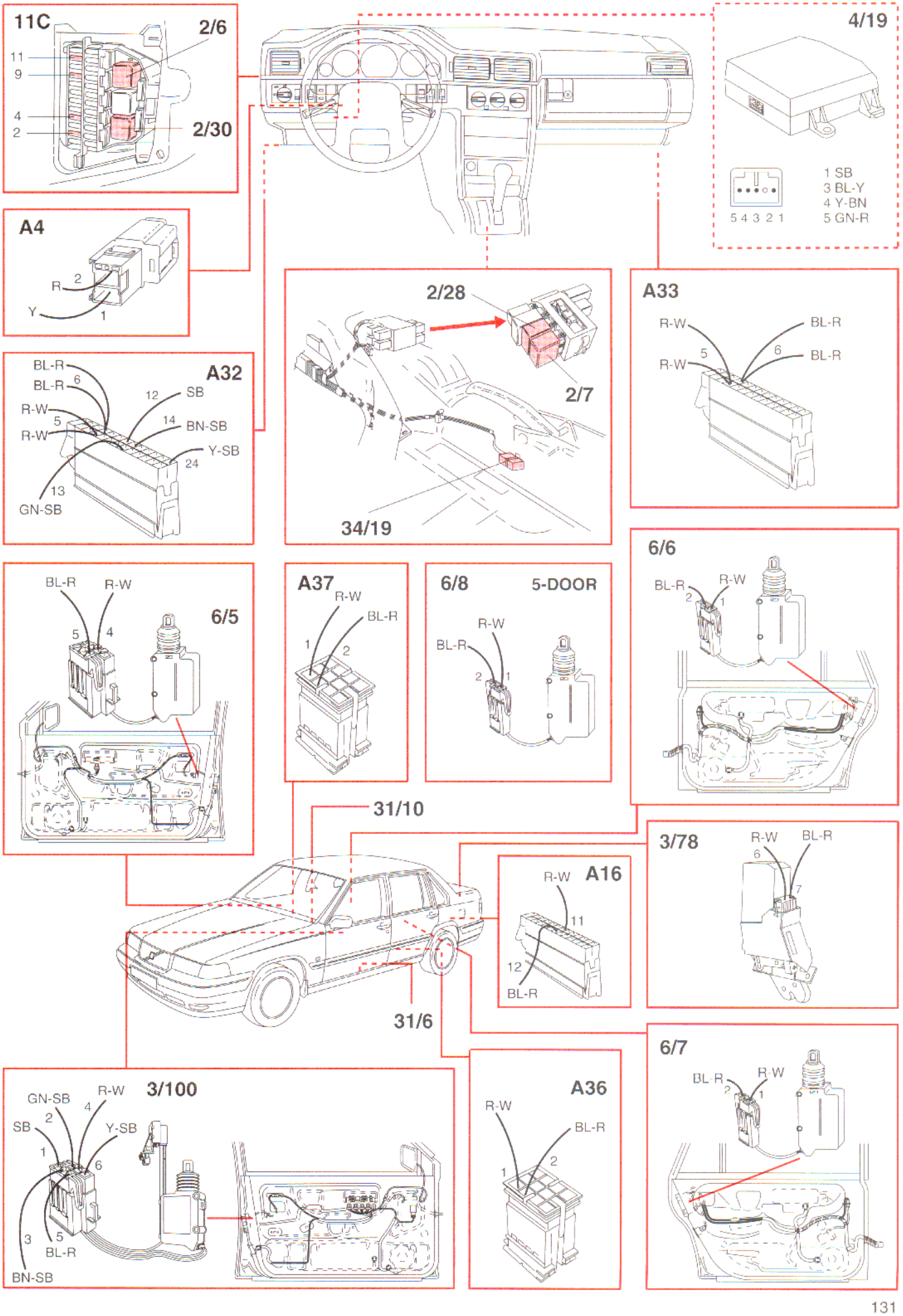

11C
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16/7
31/18
16/1
1 BL-W
2 BL-SB
3 R
4 GN-GR
5 -
6 SB
7 P-W
8 P-SB
9 -
10 BN-SB
11 SB
12 GN-GR
13 Y-BN
14 SB
1 GN-SB
2 GN-W
3 W-SB
4 W
5 BN-SB
6 BN-W
7 -
8 -
9 Y-SB
10 Y-W
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A1
F
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A4
R 2
Y 1
A43
SB
GN-GR
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A17
SB
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16/16
16/15
B2
W-SB
GN-SB 1
3 R
SB 4
16/15
A33
Y-SB
4
Y-W
3
16/3
A37
GN-SB
GN-W
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9
16/5
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16/4
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W-SB
W
4
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16/6
A36
GN-SB
GN-W
8
9

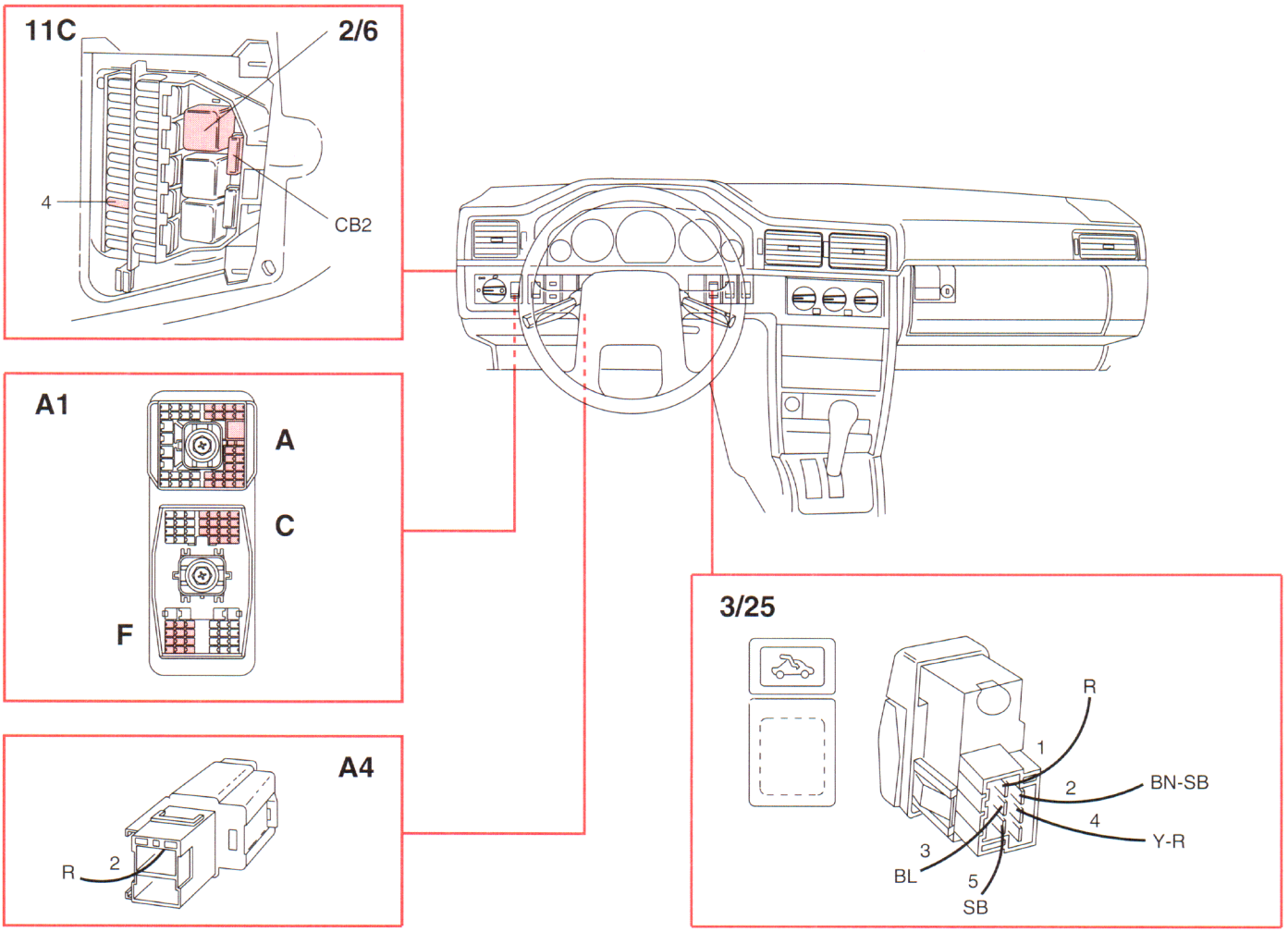

11B
A3
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C
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2/32
31/10
31/6
17/11
5/1
BN-OR
A:6
GN-GR
C:12
10/79
11C
11
4
3
3/9
2
1
Y-BN
GN-Y
GN-Y
SB
3/63
2
3
6
BN-OR
GR-R
7
BL-GN
1
3/42
31/33
A1
B
A
E
A4
R
2
A9
GN-GR
10
34/19
4/28
B
A
3/71
7/74
GN-SB
R-W
A35
2
3
4
OR-W
1
W-SB
4/12
B5
BL-GR
BN-W
GN-BN
GN-W
5
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8
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4
BL-Y
GR-SB
BL
BL-P
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GN
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1
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3
4
GN-SB
W-SB
7/22
8/37

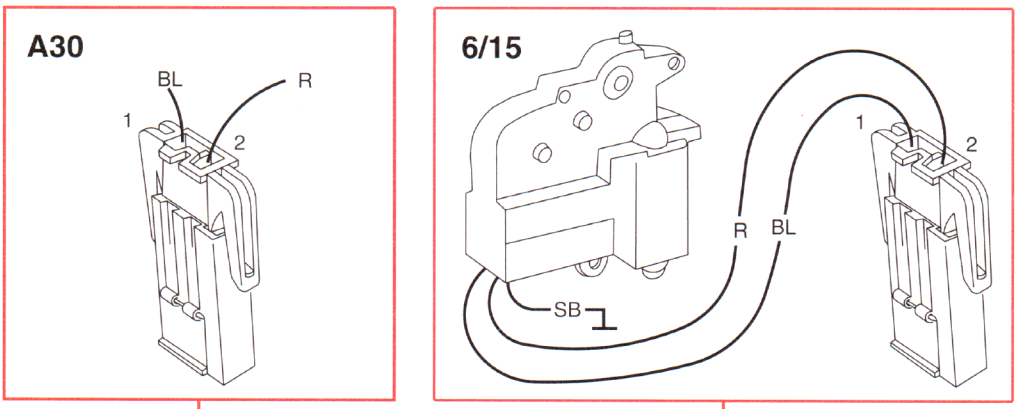

11C
2/6
21
4
A1
A
A4
R
2
Y-GR
4
3
BN
3/9
31/10
31/6
P
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SB
BN
2
4
W
8/36
34/19

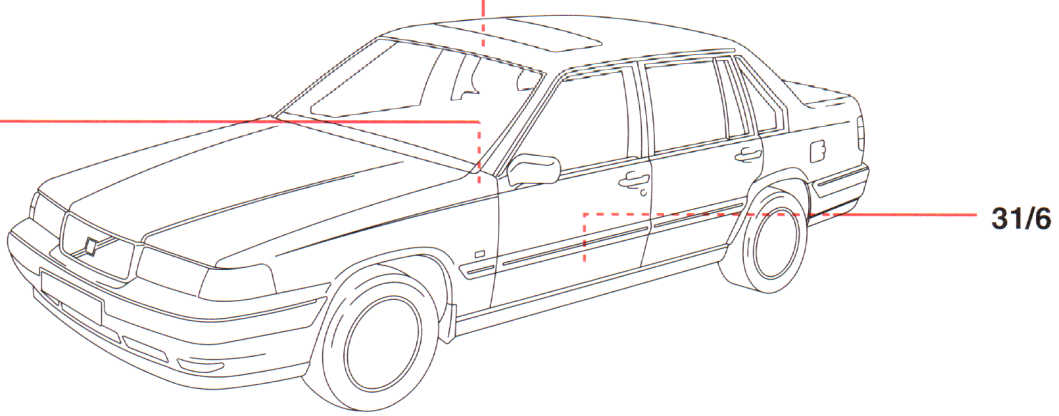

8/15
1 OR
2 GR-R
3 GN-Y
4 BL-W
5 Y-SB
6 R-SB
7 -
8 Y-R
9 GN-R
10 R
11 GN
12 R-W
A40
BL-P
BL-P
7/4
SB
GR-W
17/11
11C
12
4
3
A39
R
R
6/26
A3
11B
D
5/1
SB
R-SB
GN
A:4
A:2
C:8
GN-W
A:5
10/82
ABS
A1
B
A
D
C
A14
A4
R
2
Y-BN
2
1
GN-Y
3/9
4/16
BL-Y
Y-R
1
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1
2
BN
SB
7/32
34/19
BL
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SB
7/31
31/10
31/1
BN-W
GN-W
7/33
GN-W
BN-W

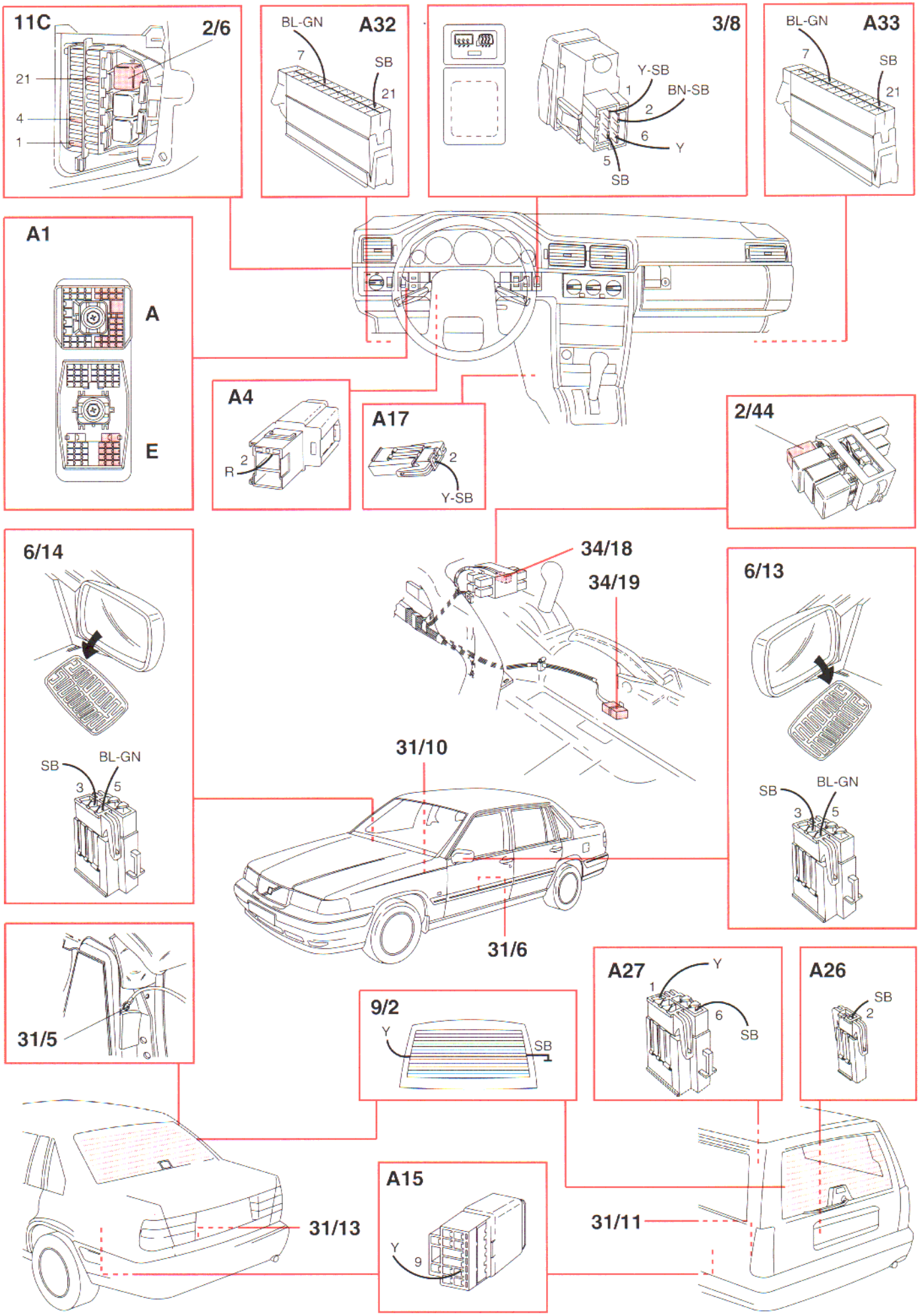

A1
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11C
2/6
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11CB2
A32
GN-BN 15
GN 17
P 19
SB 21
R 23
16 Y-GR
18 GR
20 Y-R
22 BL
A4
R 2
A33
R 23
22 BL
Y-R 24
6/11
SB 1
R 2
3/20
A37
P
GN-BN
Y-GR
5
6
7
6/12
SB 1
2 R
3/21
31/6
6/9
BL 1
R 2
3/16
3/22
3/15
3/17
3/18
2/20
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GR
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6/10
SB 1
R 2
3/19

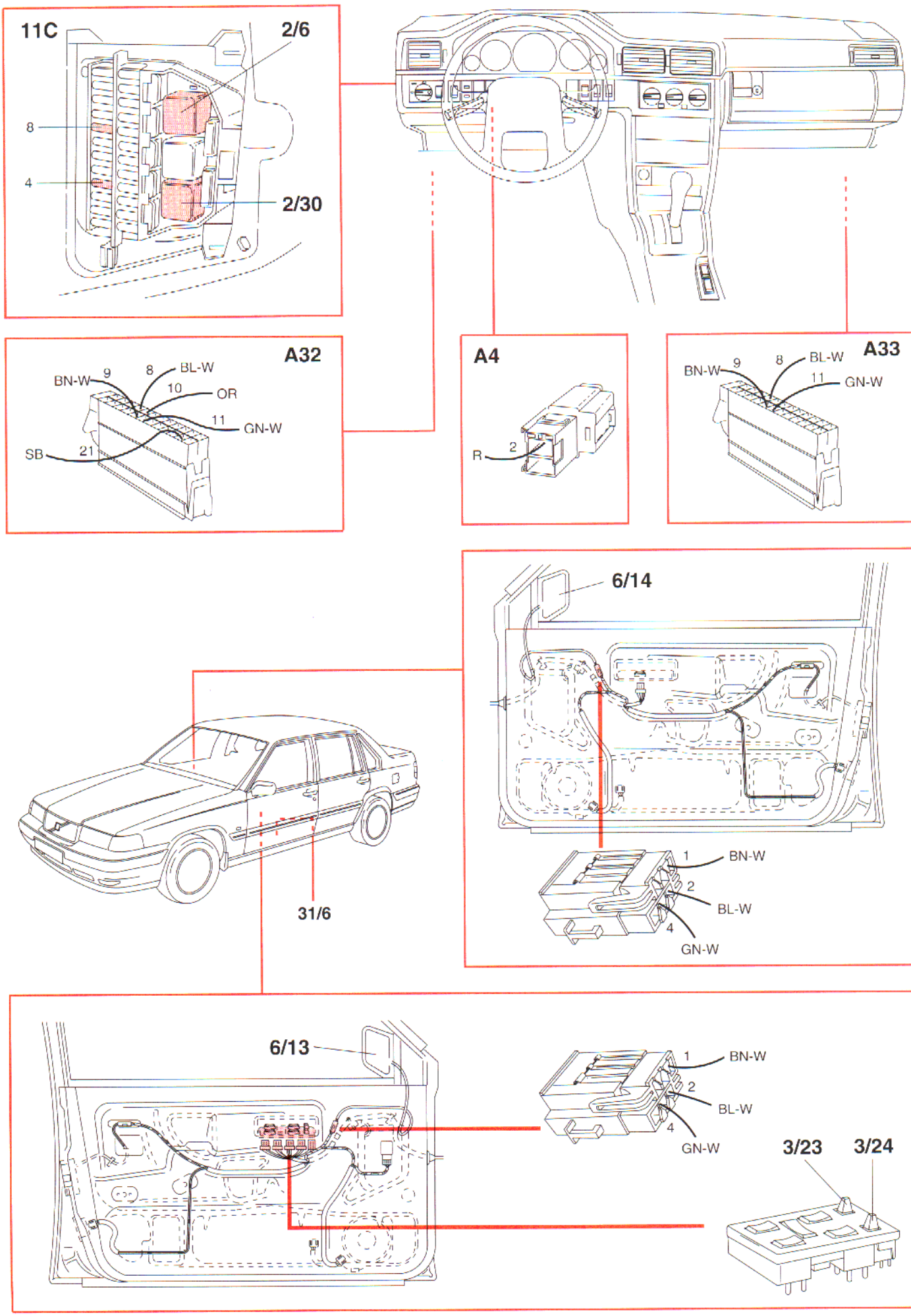

11C
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11
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2/30
4/19
1 SB
3 BL-Y
4 Y-BN
5 GN-R
5 4 3 2 1
A4
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Y
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2/7
34/19
A33
R-W
BL-R
5
6
A32
BL-R
BL-R
R-W
R-W
SB
BN-SB
Y-SB
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6/8
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31/10
31/6
3/78
A16
3/100
A36
6/7

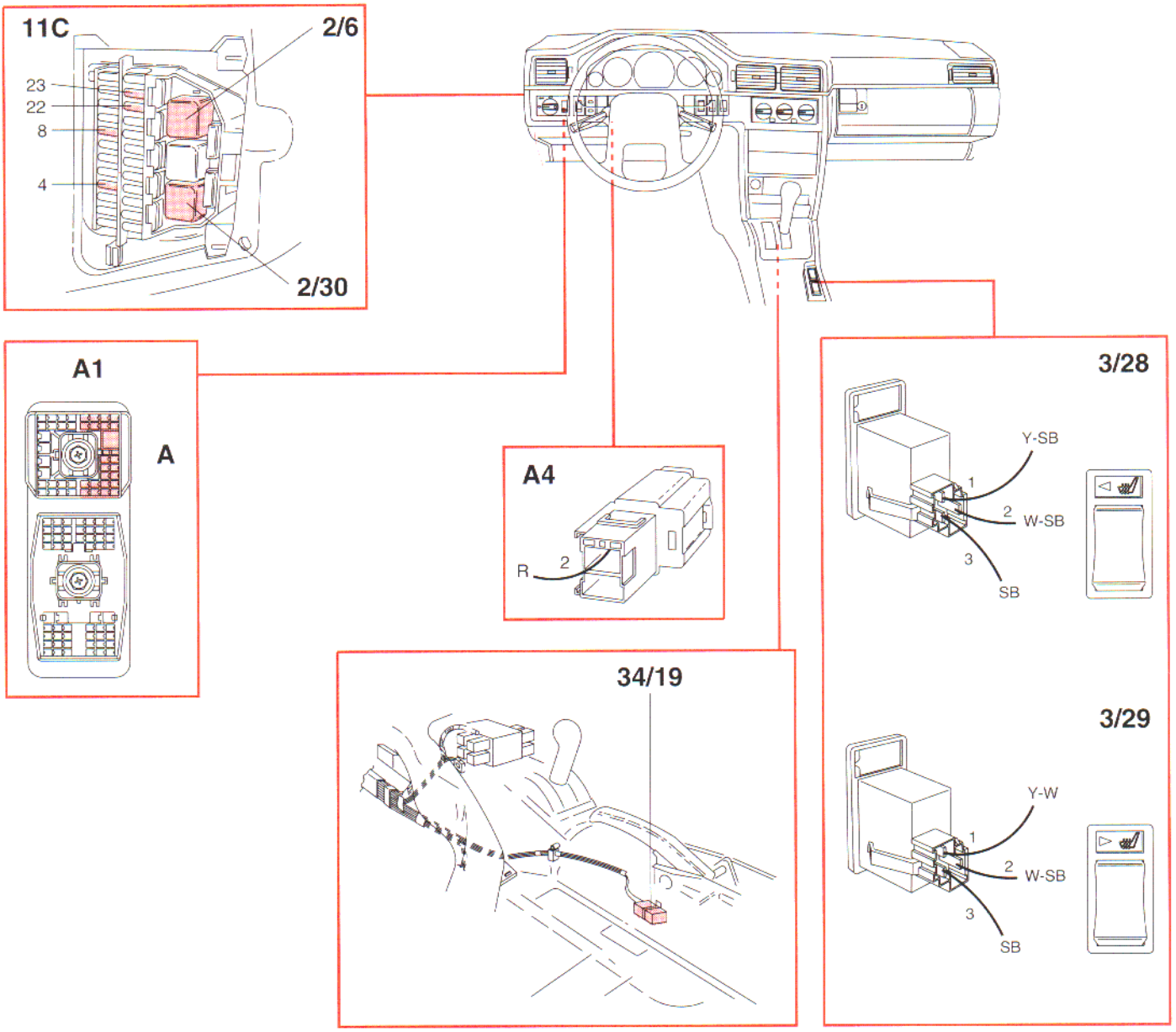

11C
2/6
4
CB2
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3/25
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BN-SB
4
Y-R
3
BL
5
SB

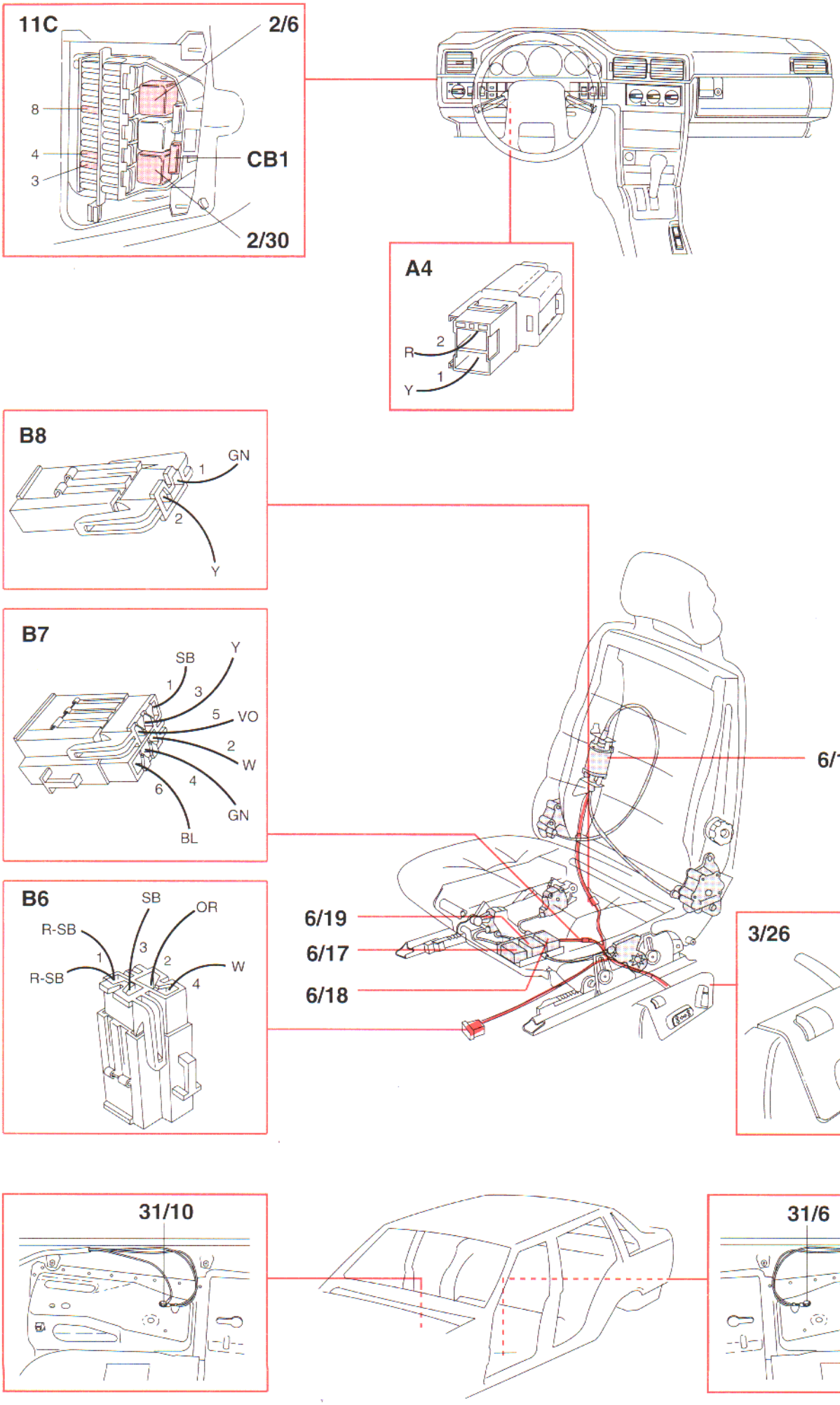

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2
6/15
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2
R
BL
SB

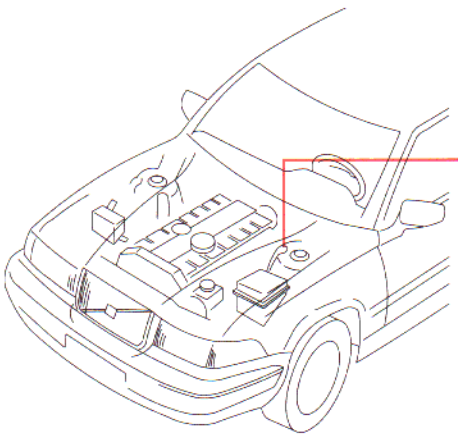

31/6

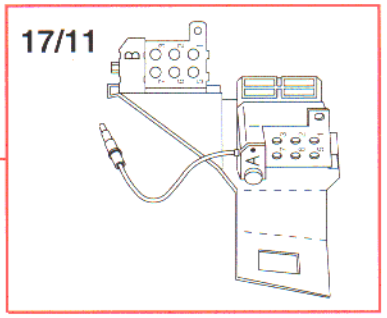

11C
2/6
21
4
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BL-GN
A32
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Y-SB
BN-SB
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Y
5
SB
BL-GN
A33
7
SB
21
A1
A
E
A4
R
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A17
2
Y-SB
2/44
34/18
34/19
6/14
SB
BL-GN
3
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31/10
6/13
SB
BL-GN
3
5
31/6
31/5
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6
SB
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SB
2
31/13
A15
Y
9
31/11

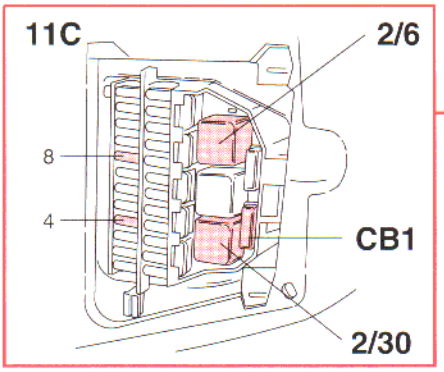

11C
2/6
8
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2/30
A32
BN-W
9
8
BL-W
10
OR
11
GN-W
SB
21
A4
R
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A33
BN-W
9
8
BL-W
11
GN-W
6/14
1
BN-W
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GN-W
31/6
6/13
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BN-W
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BL-W
4
GN-W
3/23
3/24

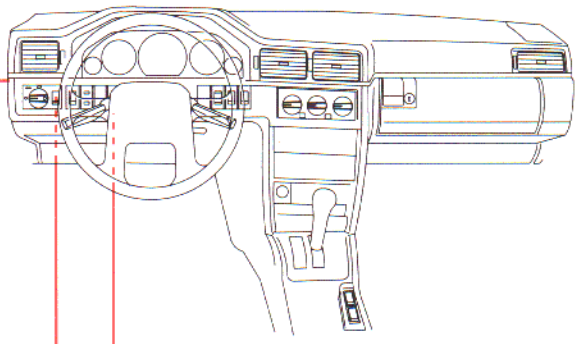

11C
2/6
23
22
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2/30
A1
A
A4
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3/28
Y-SB
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W-SB
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SB
34/19
3/29
Y-W
1
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W-SB
3
SB
31/10
31/6
9/4
9/3
9/6
9/5
7/44
W-SB
R
7/43
R
W-SB

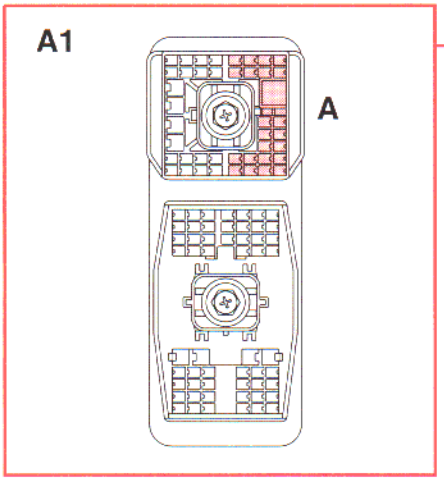

11C
2/6
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CB1
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R
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B8
GN
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Y
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VO
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GN
BL
B6
SB
OR
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W
R-SB
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6/18
3/26
31/10
31/6

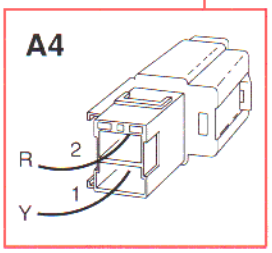


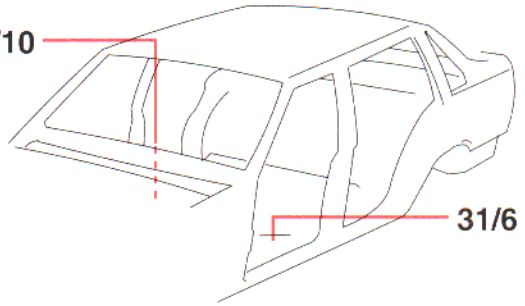

17/11
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A

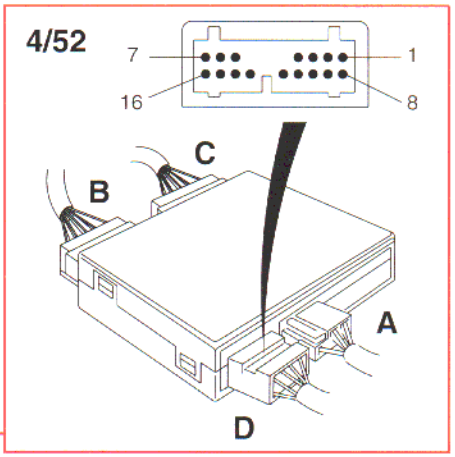

11C
2/6
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CB1
2/30

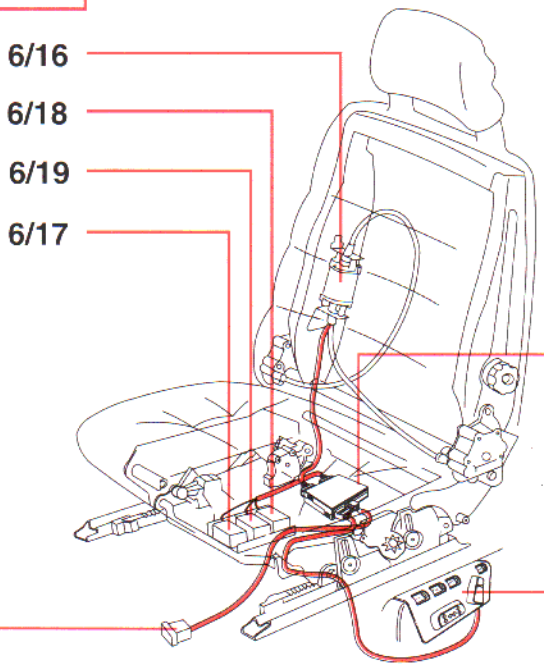


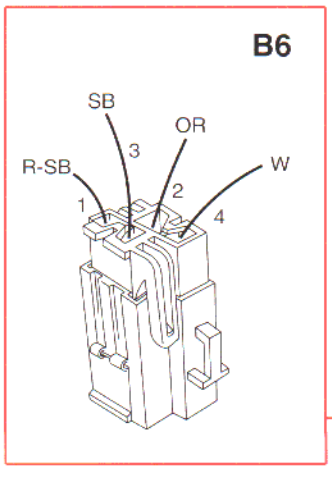

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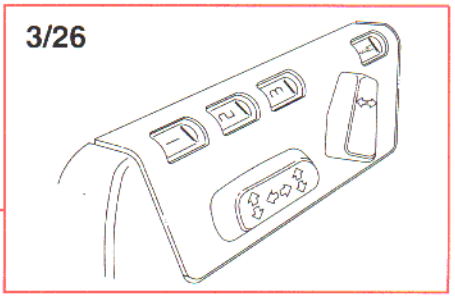

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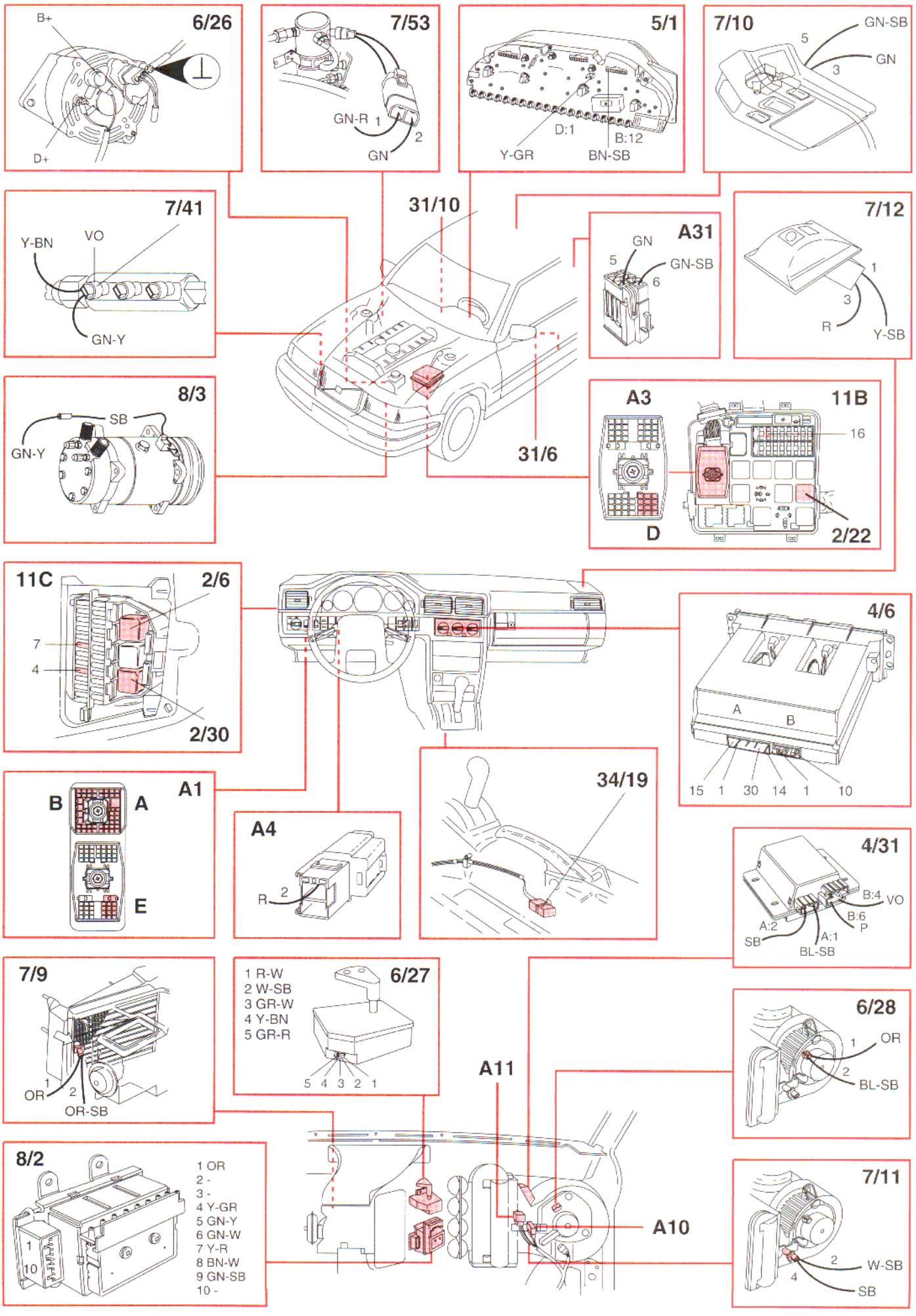

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31/6

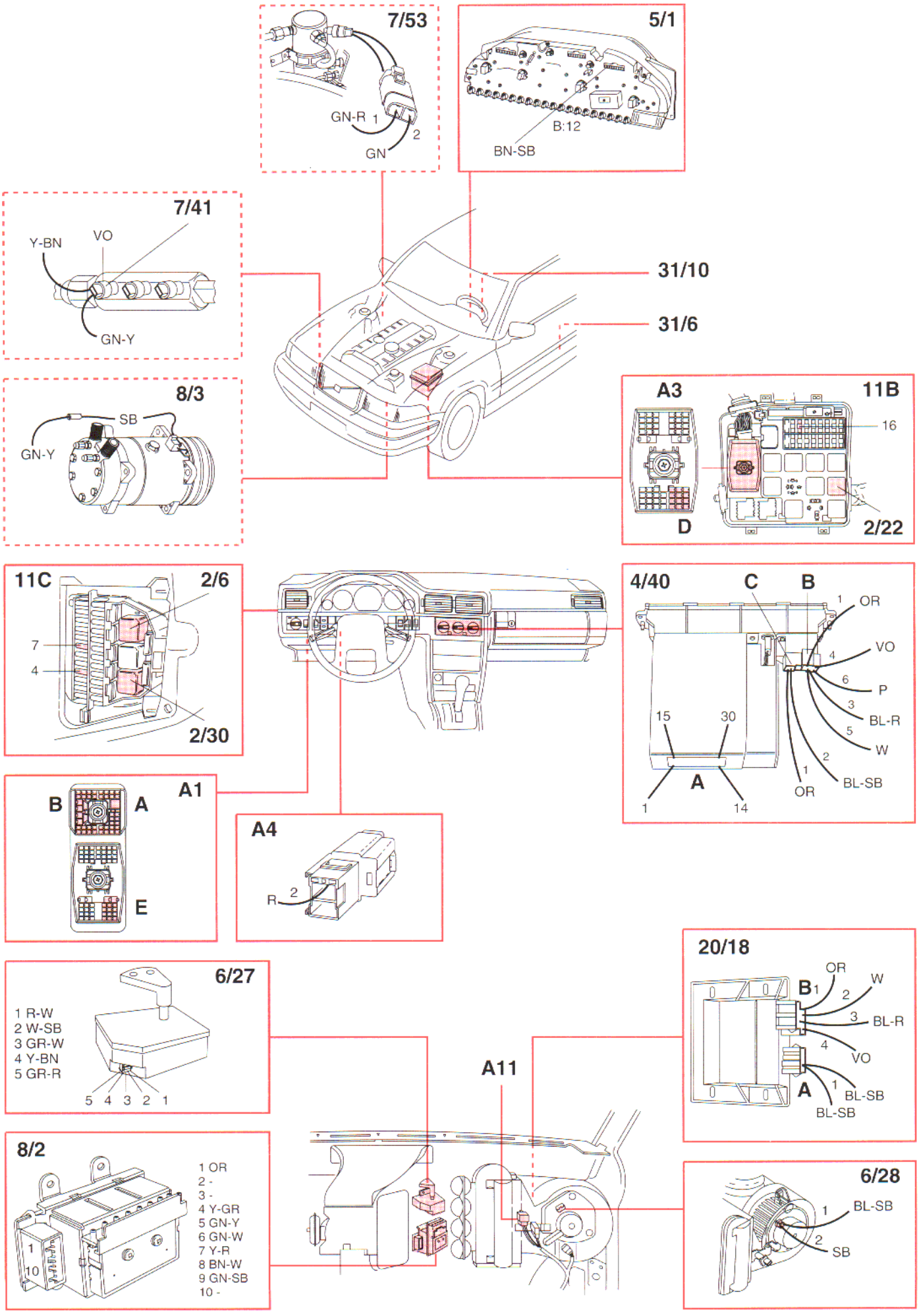

4/52
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8
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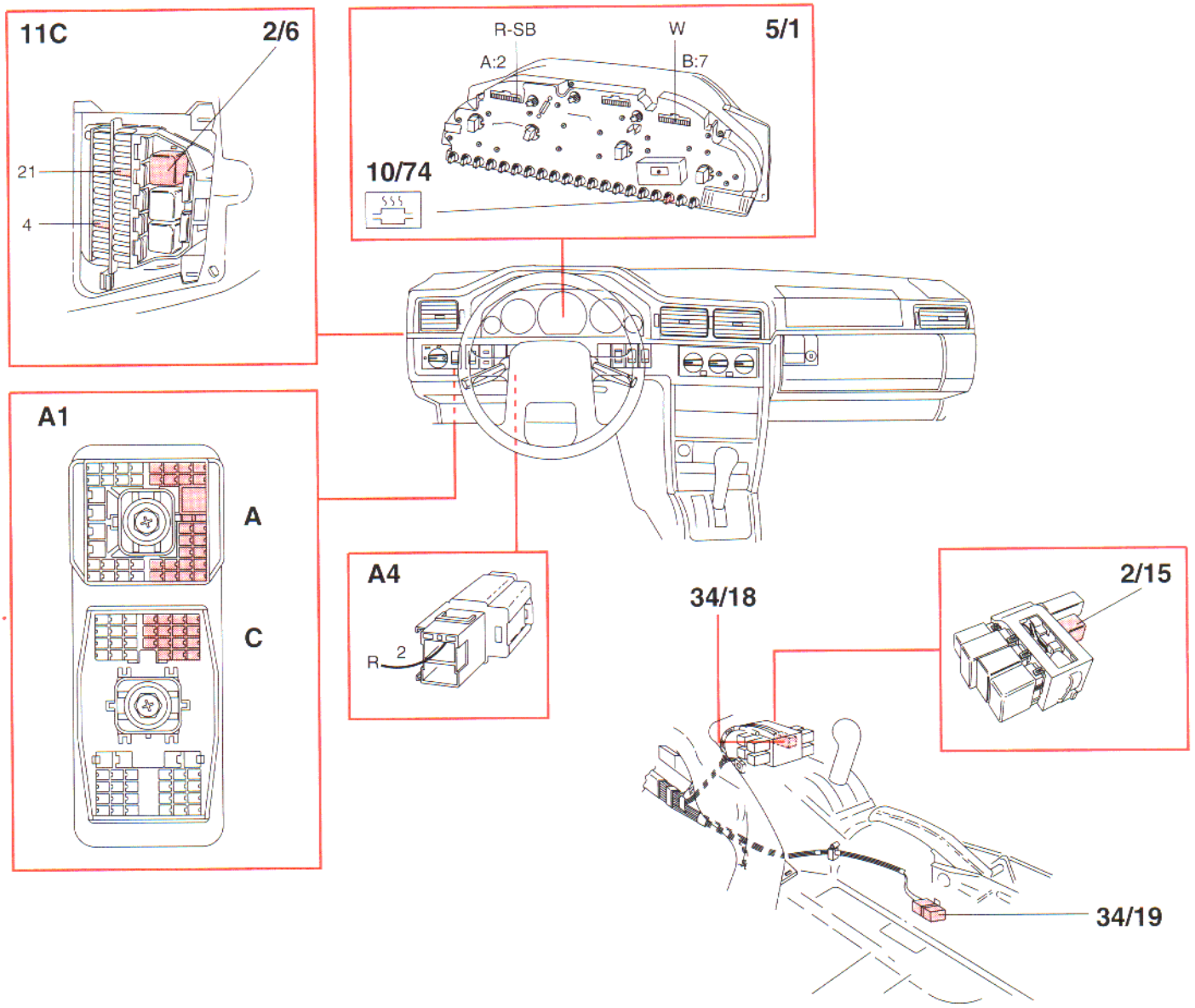

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6/18
6/19
6/17

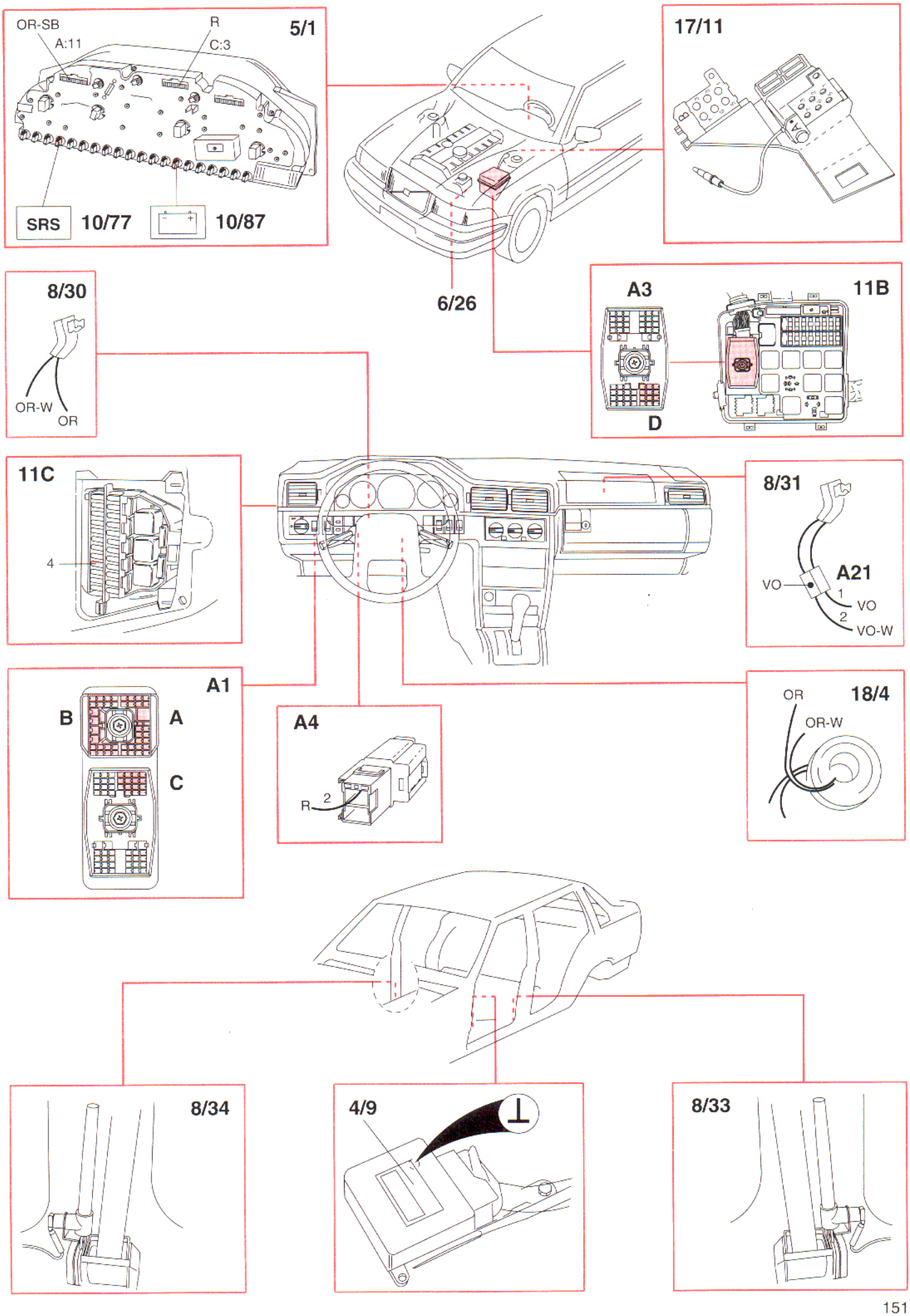

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OR
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R-SB
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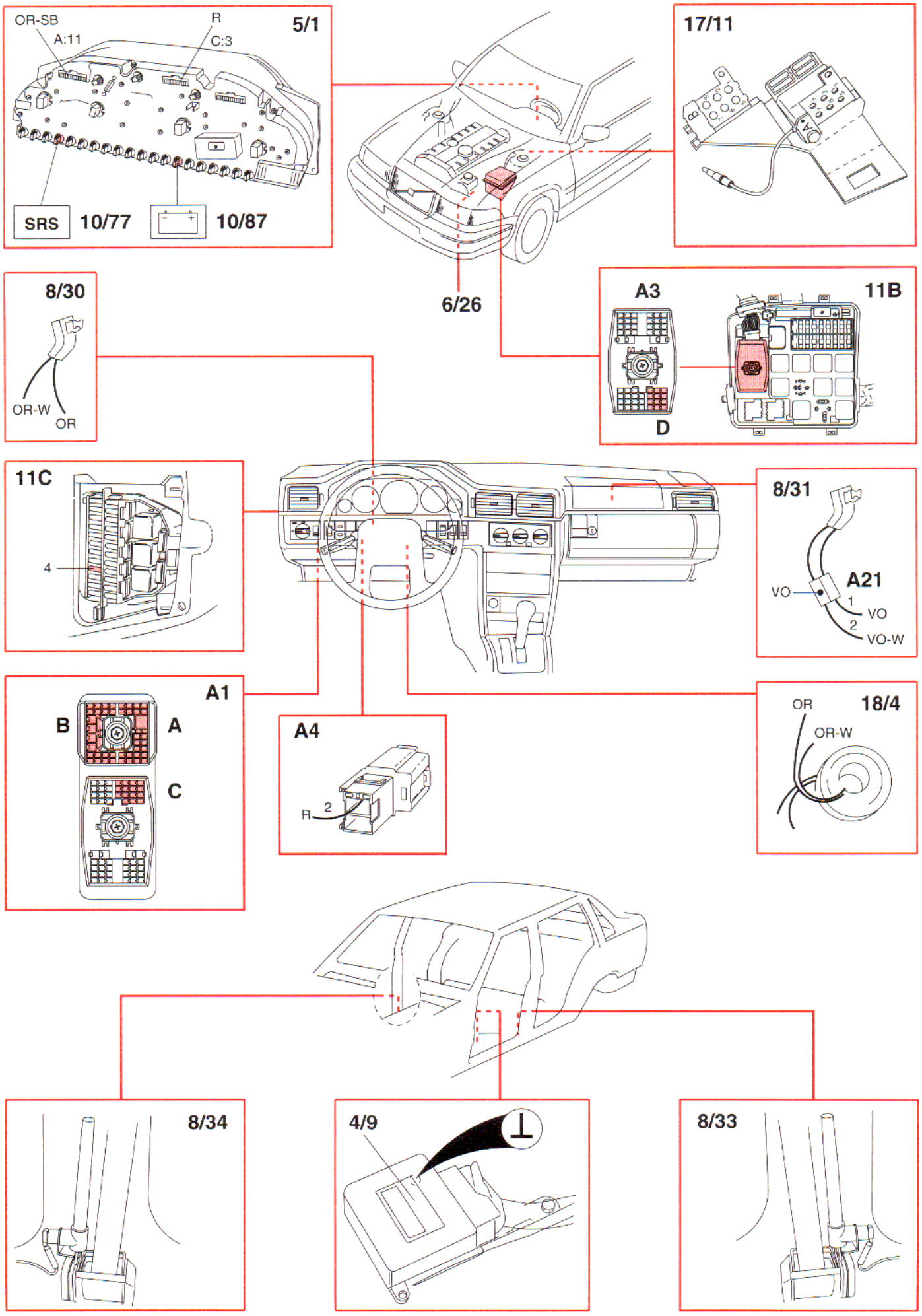

3/26


6/26
B+
D+
7/53
GN-R
1
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GN
5/1
D:1
B:12
Y-GR
BN-SB
7/10
GN-SB
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GN
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7/41
Y-BN
VO
GN-Y
31/10
A31
GN
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GN-SB
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Y-SB
8/3
SB
GN-Y
31/6
A3
11B
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11C
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A1
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A4
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A:2
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OR
OR-SB
1 R-W
2 W-SB
3 GR-W
4 Y-BN
5 GR-R
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4 Y-GR
5 GN-Y
6 GN-W
7 Y-R
8 BN-W
9 GN-SB
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A10
7/11
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W-SB
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7/53
GN-R
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VO
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SB
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2 W-SB
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4 Y-BN
5 GR-R
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1 OR
2 -
3 -
4 Y-GR
5 GN-Y
6 GN-W
7 Y-R
8 BN-W
9 GN-SB
10 -
6/28
1
BL-SB
2
SB


11C
2/6
21
4
R-SB
W
5/1
A:2
B:7
10/74
A1
A
C
A4
R
2
34/18
2/15
34/19
7/34
R
1
2
GN
31/10
31/6


OR-SB
A:11
R
C:3
5/1
SRS
10/77
10/87
6/26
17/11
8/30
OR-W
OR
A3
11B
D
11C
4
8/31
A21
VO
1
VO
2
VO-W
A1
B
A
C
A4
R
2
OR
18/4
OR-W
8/34
4/9
8/33


OR-SB
A:11
R
C:3
5/1
SRS
10/77
10/87
6/26
17/11
8/30
OR-W
OR
A3
D
11B
11C
4
8/31
VO
A21
1
VO
2
VO-W
A1
B
A
C
A4
R
2
OR
18/4
OR-W
8/34
4/9
8/33

7/34 Thermoelement three-way catalytic converter (TWC)
7/37 Temperature sensor EGR
7/38 Low-speed pressure sensor, engine cooling fan
7/40 High-speed pressure sensor, engine cooling fan
7/41 High-pressure sensor, A/C
7/43 Thermostat, heated seat left side
7/44 Thermostat, heated seat right side
7/53 Low-pressure sensor, A/C
7/54 Throttle position (TP) sensor
7/69 Ambient temperature sensor
7/73 Engine coolant level sensor
7/74 Oil temperature sensor AW30-40/43

8/2 Operating solenoids, ECC/MCC
8/3 Solenoid coupling, A/C
8/5 Idle air control (IAC) valve
8/6-11 Injectors
8/15 Hydraulic unit ABS
8/16 Solenoid for auxialiary air system
8/17 Converter, EGR
8/30 Steering wheel module SRS
8/31 Passenger module SRS
8/33 Igniter, seat belt pre-tensioner, left side
8/34 Igniter, seat belt pre-tensioner, right side
8/36 Solenoid P-shift lock
8/37 Solenoids AW30-40/43

9/1 Cigar lighter
9/2 Heated rear window
9/3 Heater element driver's seat backrest
9/4 Heater element passenger's seat backrest
9/5 Heater element driver's seat cushion
9/6 Heater element passenger's seat cushion
9/22 Seat heating driver's side
9/23 Seat heating passenger's side

10/1 Left front light
10/2 Right front light
10/3 License plate light
10/5 Left front foglight
10/6 Right front foglight
10/9 Left parking light and front turn signal
10/10 Right parking light and front turn signal
10/11 Left parking light, front
10/12 Right parking light, front
10/13 Left turn signal front
10/14 Right turn signal front
10/15 Left turn signal side repeater (not USA/CDN)
10/16 Right turn signal side repeater (not USA/CDN)
10/17 Right tail light
10/18 Left tail light
10/19 Extra brake light
10/22 Roof light
10/24 Trunk light
10/25 Roof light, load area (5-door)
10/26 Reading light, left rear
10/27 Reading light, right rear
10/29 Glove compartment light
10/30 Door open warning light driver's door
10/31 Door open warning light passenger's door
10/32 Door open warning light driver's side rear
10/33 Door open warning light passenger's side rear
10/37 Cigar lighter illumination
10/38 Ashtray illumination, rear
10/39 Seat heater switch illumination
10/40 Gear selector illumination
10/43 Right brake light
10/44 Right parking light rear
10/45 Right parking / tail light
10/46 Right rear foglight
10/47 Light, right rear turn signal
10/48 Right backup (reversing) light
10/50 Left brake light
10/51 Left parking light, rear
10/52 Left parking / tail light
10/53 Left rear foglight
10/54 Lamp left rear turn signal
10/55 Left backup (reversing) light
10/64 Right high beam
10/66 Right low beam
10/68 Left high beam
10/70 Left low beam
10/72 Ashtray illumination, front
10/74 Indicator light exhaust temperature
10/77 Indicator light SRS
10/78 Indicator light seat belt
10/79 Indicator light overdrive (auto.)/gear change indicator
10/82 Indicator light ABS
10/83 Indicator light parking brake
10/84 Indicator light brake warning
10/85 Indicator light high beam
10/86 Indicator light oil pressure
10/87 Indicator light charging
10/88 Indicator light bulb failure sensor
10/89 Indicator light rear foglights
10/90 Indicator light washer fluid level sensor
10/91 Service indicator
10/93 Indicator light Malfunction Indicator Lamp (MIL)
10/94 Indicator light right turn signal
10/95 Indicator light left turn signal
10/96 Instrument lighting
10/97 Entry lighting driver's side
10/102 Entry lighting passenger's side
10/109 Warning light trailer
10/110 Coolant level warning light
10/113 Alarm diode
10/114 Vanity mirror light, left side
10/115 Vanity mirror light, right side

11/41 Fuse, combined instrument
11A/1-8 Main fuses at battery
11B/1-18 Fuses in relay/fuse box engine compartment
11C/1-24 Fuses in fuse box
CB1 Automatic fuse in fuse box in car
CB2 Automatic fuse in fuse box in car

16/1 Radio
16/3 Loudspeaker right front door
16/4 Loudspeaker left front door
16/5 Loudspeaker right rear door
16/6 Loudspeaker left rear door
16/7 Loudspeaker instrument panel right side
16/8 Loudspeaker instrument panel left side
16/9 Antenna
16/10 Horn 1
16/11 Horn 2
16/15 CD-changer
16/16 Antenna signal booster (windshield antenna)
16/17 Loudspeaker, parcel shelf left side/D-post left side
16/18 Loudspeaker, parcel shelf right side/D-post right side
16/19 Anti-theft alarm horn

17/1 Service socket for starter motor operation
17/8 Service socket: clamp 1, cyl. 1 (engine)
17/11 OBD diagnostic socket

18/4 Contact reel SRS

19/1 Engine coolant temperature (ECT) sensor
19/2 Engine speed (RPM) sensor
19/3 Speedometer
19/4 Clock
19/5 Fuel level sensor

20/3-8 Spark plugs (ignition coils)
20/18 Blower fan resistor MCC

The component list continues on the next page

31/1 Ground connector right front wing
31/2 Ground connector left front wing
31/3 Ground connector body
31/4 Ground connector engine
31/5 Ground connector for heated rear window (4-door)
31/6 Ground connector left seat lift
31/10 Ground connector right seat lift
31/11 Ground connector left tail light cluster
31/12 Ground connector right tail light cluster
31/13 Ground connector in trunk
31/16 Ground connector at windshield wiper motor
31/17 Ground connector at power sunroof motor
31/18 Ground connector at centre console (radio)
31/25 Ground point starter motor
31/26 Ground connector generator
31/32 Ground connector on engine (power ground)
31/33 Ground connector on engine (signal ground)
31/35 Ground connector, antenna
31/54 Ground connector SRS sensor module
31/56 Ground connector gear selector sensor
31/57 Ground connector on engine for Motronic (power ground)
31/64 Ground connector engine cooling fan

33/1-704 Branching points

34/18 22-pin connector: ground connection at central relay module in car
34/19 22-pin connector: ground connection/terminal block at parking brake bracket
34/20 10-pin connector: terminal block relay/fuse box engine compartment
34/42 20-pin connector: terminal block in relay/fusebox engine compartment

A1 Multi connector left A-pillar
A3 Multi connector in relay-/fusebox engine compartment CH engine - CH engine compartment
A4 2-pin connector left A-pillar CH engine compartment - CH in-car (white)
A8 15-pin connector left A-pillar CH engine compartment - CH dashboard (white)
A9 13-pin connector left A-pillar CH engine compartment - CH dashboard (blue)
A10 5-pin connector CH in-car - CH heater
A11 6-pin connector CH in-car - CH heater
A13 3-pin connector coupling bridge fog light
A14 15-pin connector CH ABS - CH in-car
A15 12-pin connector CH in-car - CH rear (4-door)
12-pin connector CH in-car - CH rear (5-door)
A16 24-pin connector CH in-car - CH rear
A17 2-pin connector CH in-car - CH dashboard
A21 2-pin connector SRS igniter passenger side
A25 2-pin connector CH in-car - CH pedal mounting
A26 2-pin connector CH extra brake light - CH tailgate (5-door)
A27 6-pin connector CH rear - CH tailgate (5-door)
A28 2-pin connector CH rear - CH tailgate (5-door)
A30 2-pin connector CH in-car - CH power sunroof
A31 6-pin connector CH in-car - CH Interior lighting
A32 24-pin connector CH in-car - CH driver's door
A33 24-pin connector CH in-car - CH passenger door
A34 4-pin connector CH in-car (transmission) - solenoid P-shift lock
A35 4-pin connector CH motor (Sensors auto. transmission AW)
A36 11-pin connector CH in-car - CH rear door left
A37 11-pin connector CH in-car - CH rear door right
A38 1-pin connector CH dashboard - power antenna
A39 1-pin connector CH ABS - CH engine compartment
A40 1-pin connector CH ABS - CH engine compartment
A43 2-pin connector CH dashboard - CH CD changer

B1 4-pin connector CH-rear - switch fuel level sensor/fuel pump
B2 4-pin connector CH-rear - power antenna/antenna booster
B3 4-pin connector HO2S CH - engine compartment
B4 8-pin connector at AW30-40/43
B5 8-pin connector at AW30-40/43
B6 4-pin connector at driver seat
B7 6-pin connector under driver seat
B8 2-pin connector under driver seat

D5 Connector towing hook, 10-pin (not USA/CDN)
D8 8-pin connector dashboard harness - ambient temp. sensor
D9 1-pin connector CH engine compartment - spot light (accessory)
D10 4-pin connector CH in-car - accessory