

WIRING DIAGRAM

**Section 3 (39)
V70
2002**

TP 3961202

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List of components

Groups

Group 23	= Fuel system
Group 26	= Cooling system
Group 27	= Engine controls
Group 32	= Generator and voltage regulator
Group 33	= Starting system
Group 35	= Lighting
Group 36	= Additional electrical equipment
Group 37	= Wiring and fuses
Group 38	= Instruments
Group 39	= Other
Group 43	= Transmission
Group 59	= Brake system
Group 64	= Steering
Group 83	= Doors and openings
Group 84	= Exterior decorative elements etc.
Group 85	= Interior equipment
Group 87	= Climate controls
Group 88	= Internal equipment

Other

ACC	= Accessory
AMP	= Amplifier
AUDIO	= Audio system
AUTO	= Automatic transmission
BIX	= Bi-Xenon
CEM	= Central Electronic Module
DENSO	= Fuel control system, gasoline
DSTC	= Dynamic Stability Traction Control
E.E	= Early edition
EXT.D	= Extended electrical distribution
HISPEED	= High speed data bus
L.E	= Late edition
LH	= Left-hand side
LHD	= Left-hand drive
LOSPEED	= Low speed data bus
MAN	= Manual transmission
ME7	= Fuel control system, gasoline, turbo
PCL	= Power Child Lock
REM	= Rear Electronic Module
RH	= Right-hand side
RHD	= Right-hand drive
RTI	= Road Traffic Information
SRS	= Airbag
STC	= Stability Traction Control
TELE	= Mobile telephone
TURBO	= Turbo engine
W/O	= Without

Ignition switch symbols

X	= Accessories (audio position)
S	= Powered upon insertion of key
15	= The switch remains connected during start
15l	= Contact is broken while starting
30	= Constant power from the battery
50	= Start

Colors

A	= Austria
AUS	= Australia
B	= Belgium
CDN	= Canada
CH	= Switzerland
D	= Germany
DK	= Denmark
E	= Spain
EU/OS	= Markets outside USA and Canada
FIN	= Finland
GB	= Great Britain
ISR	= Israel
J	= Japan
KOR	= Korea
N	= Norway
NL	= Netherlands
S	= Sweden
USA	= United States of America
WEU	= Western Europe

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

How to use the wiring diagram

The descriptions below apply in general to all wiring diagram manuals, although not all sections are necessarily contained in this manual.

A. Component designation

Every component has a component designation that consists of two parts.

The first part is a type number that describes the type of component in question, for example 3/xx.

The second part of the designation is a serial number, for example, x/2.

Combined these give a component designation, for example, 3/2.

At the end of the manual is a list of components, where, with the help of the component designation, you can read off the name of the component, for example, 3/2 = light switch.

List of type numbers

The list shows which type of component that respective type numbers refer to, for example, 3/x = switch, 6/x = electric motor, etc.

1	Battery
2	Relay
3	Switch
4	Control module
5	Combined instrument panel
6	Electric motor
7	Sensor
8	Actuator
9	Heating element
10	Light
11	Fuse
15	Distribution rail
16	Audio
17	Service/diagnostics
18	Contact reel
19	Meter
20	Ignition component/shunt
31	Ground connection
53	Junction point
54	Connector

B. Junction points

The wiring diagrams contain numbered junction points, e.g. 53/352.

This manual contains a section with a list of junction points. This list shows all the components that are connected to each junction point.

The location of the junction points is shown in the "Cable harness routing in vehicle" section.

C. Connectors

Connectors provide a bridge between two cables harnesses and are described in the "Connectors" section.

D. Electrical distribution

Operation of the fuses and relays is shown in the "Electrical distribution" section.

E. Data communication

Today's cars are equipped with a CAN network, which transmits information. Connections to this network are shown in their entirety on the respective wiring diagrams. Complete information on CAN communication is can be found in the section titled "Data communication".

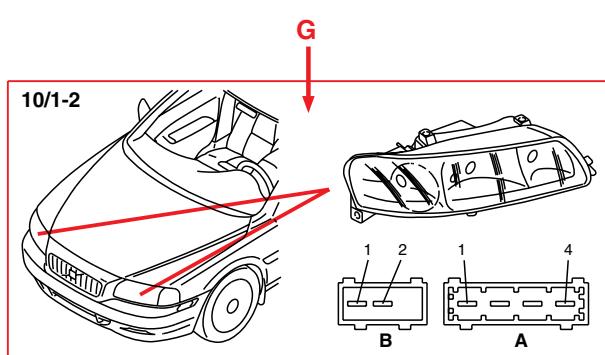
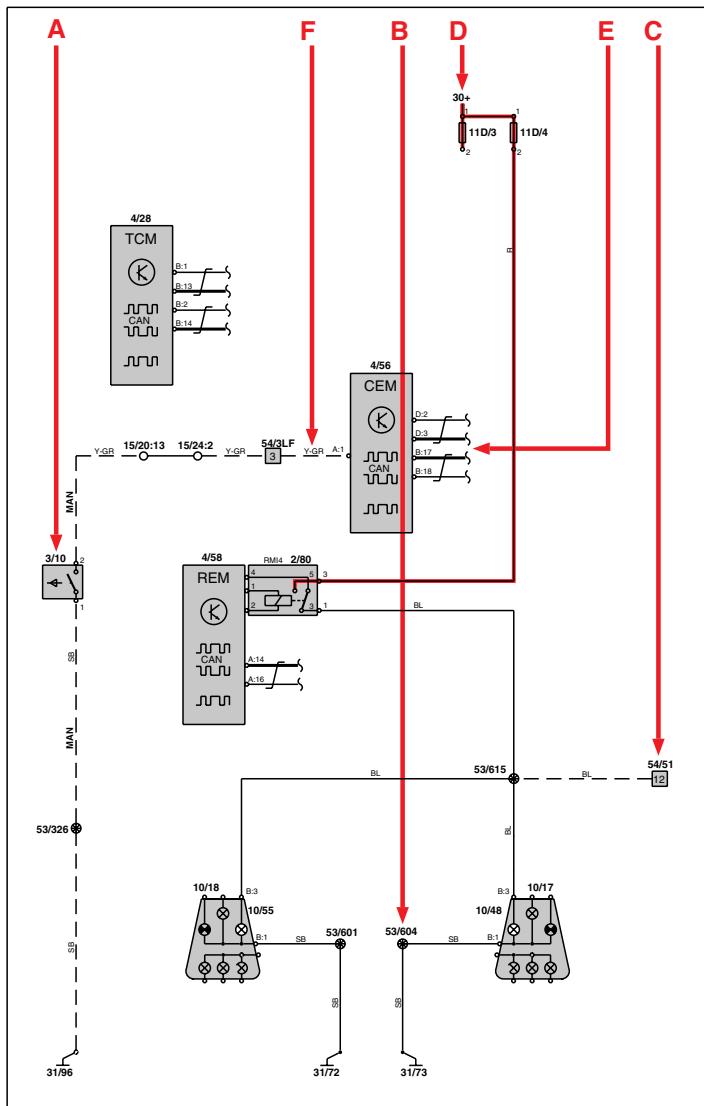
F. Abbreviations

A number of different abbreviations are used in the manual. These are explained in the section "Abbreviations".

G. Component location

There is a section at the end of the manual in which the appearance and location of components is described in numerical order.

How to use the wiring diagram

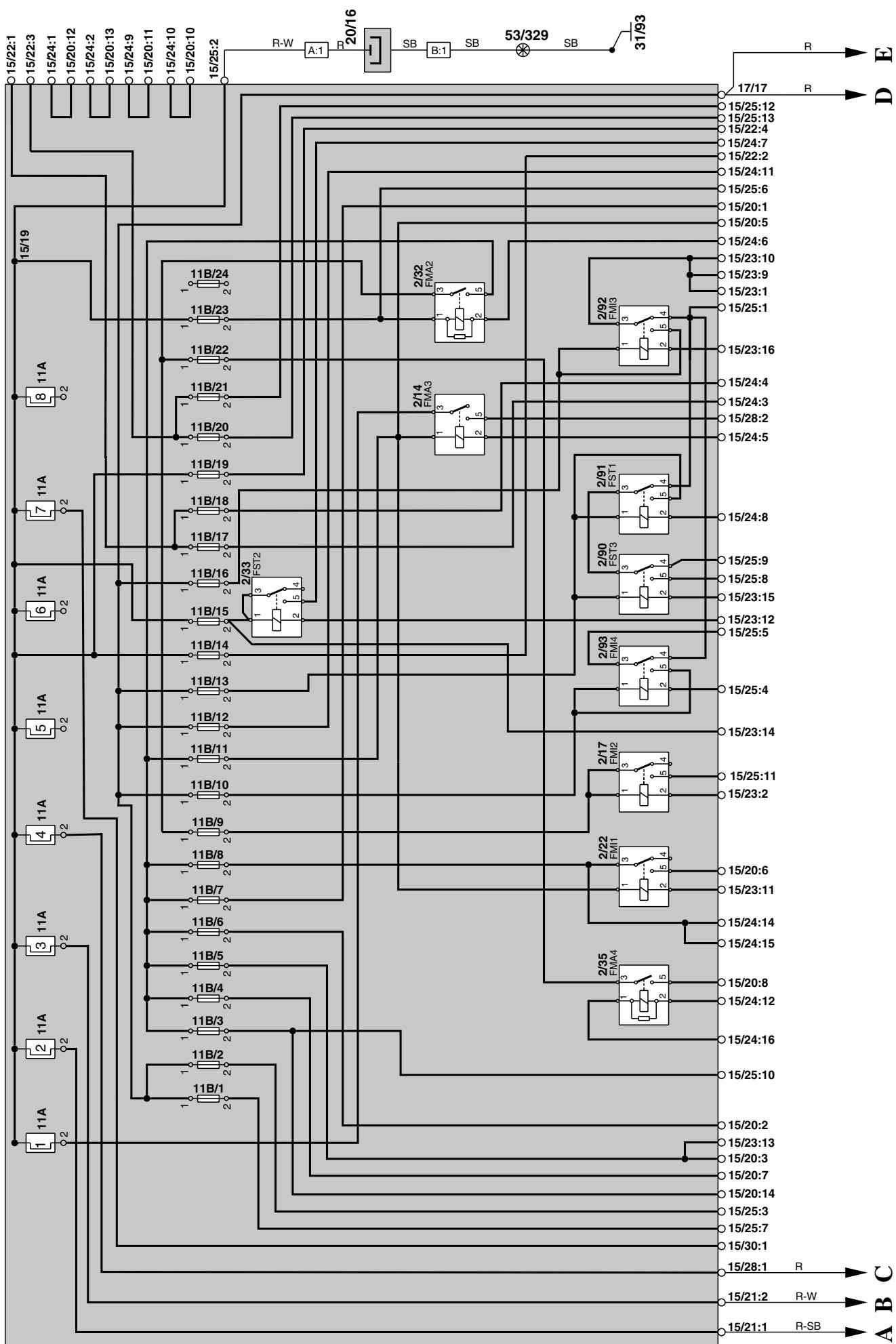


List of symbols

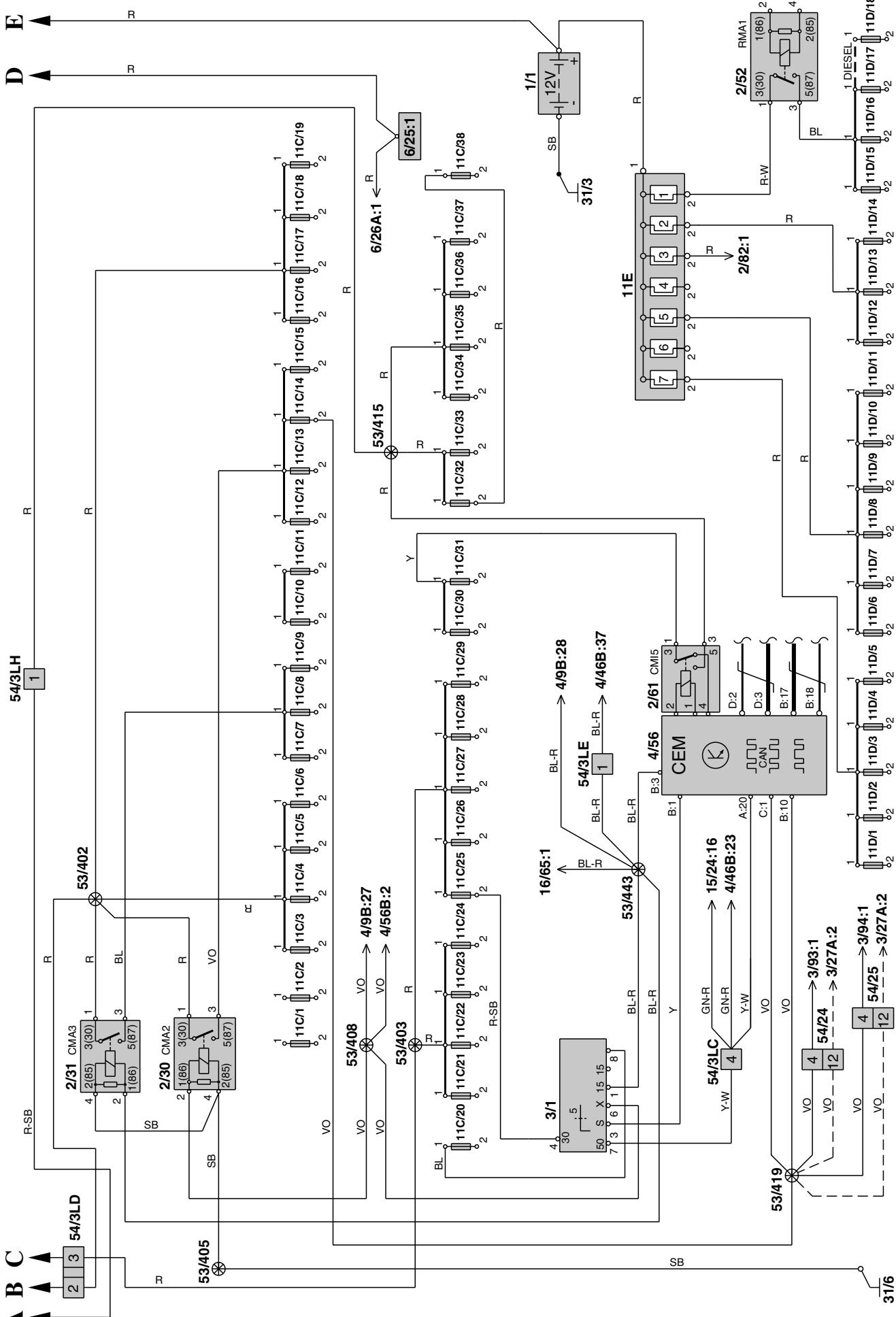
- = System voltage
- = Ground connection via wiring
- = Ground connection on component/chassis
- = Screened wire
- = Junction point
- = Twisted cable
- = Electrical connection
- = Variant
- = CAN communication
- = CAN high data signal (CAN H)
- = CAN low data signal (CAN L)
- = Serial communication
- = DIN cable, coaxial cable, etc.
- = Data communication
- = CAN communication
- = Connection with fuse box
- = Further connection to...
- = Connector between wiring harnesses
- = Connector connected to component

Electrical distribution

Overview

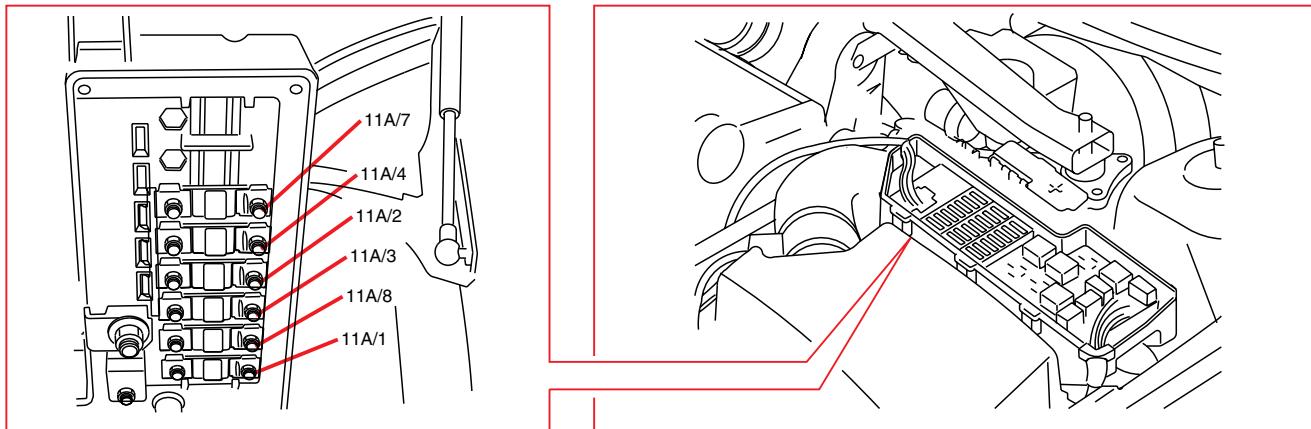


Electrical distribution Overview



Fuses

Engine compartment 11A/1-7

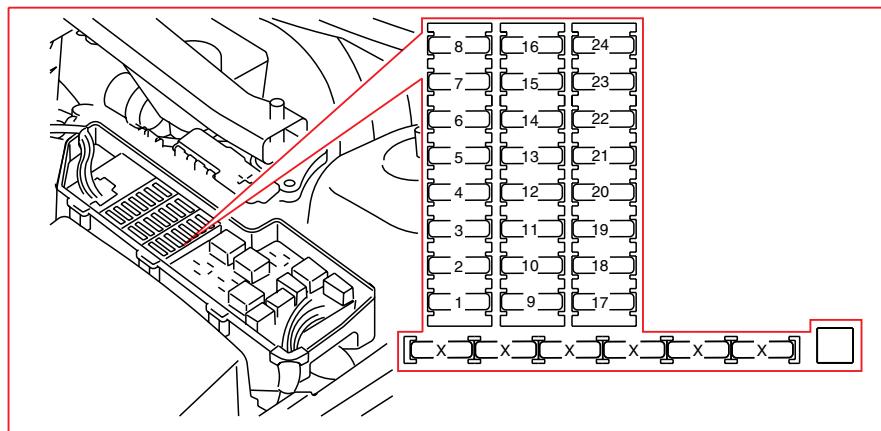


11A Fuses in the engine compartment

No.	Fuse function	A
1	Glow plug 20/22-26 via 2/14	60
2	Fuse protection for 11C/30-31 via 2/61 Fuse protection for 11C/32-33 Fuse protection for 11C/34-37	60
3	Fuse protection for 11C/3-6 Fuse protection for 11C/16-19 Fuse protection for 11C/7-9 via 2/31 Fuse protection for 11C/12-15 via 2/30	60
4	Fuse protection for 11C/21-24 Fuse protection for 11C/25-29	60
7	Cooling fan control module 4/71	60

Fuses

Engine compartment 11B/1-10

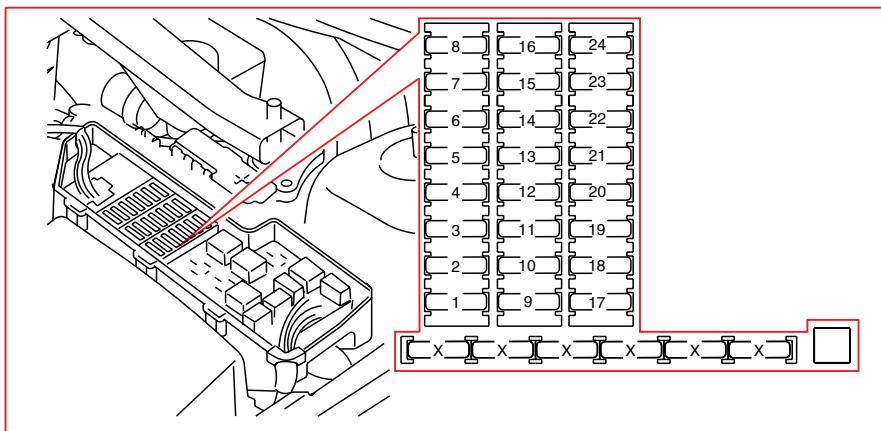


11B Fuses in the engine compartment

No.	Fuse function	A
1	Control module CPM 4/7	25
2	Accessory (auxiliary light)	20
3	Solenoid valve, high-pressure diesel 8/111 E.E	10
4	Engine Control Module ECM 4/46 Diesel Heated oxygen sensor 7/15 Heated oxygen sensor diagnosis 1 7/82 Solenoid valve, high-pressure diesel 8/111 L.E	20
5	Pump, fuel leakage control 6/67 EVAP valve 8/18 Variable valve timing valve 8/19 Turbocharger control valve 8/28 Canister shut-off valve 8/44 Solenoid, variable valve timing outlet 8/81 PTC resistor, air preheating 9/32 Gasoline	10
6	Mass airflow sensor MAF 7/17 Diesel Engine Control Module ECM 4/46 Injectors 8/6-10 Mass air flow sensor MAF 7/17	5 15
7	Control module ETM 4/50	10
8	Cooling fan, electrics box, engine compartment 6/44 Accelerator pedal sensor 7/51 Solenoid switch AC 8/3 via 2/22	10
9	Horn relay 2/17 Horn 1 16/10 via 2/17 Horn 2 16/11 via 2/17	15
10	Relay, rear window washer motor 2/93 Washer pump, rear window 6/30	10
	continues	

Fuses

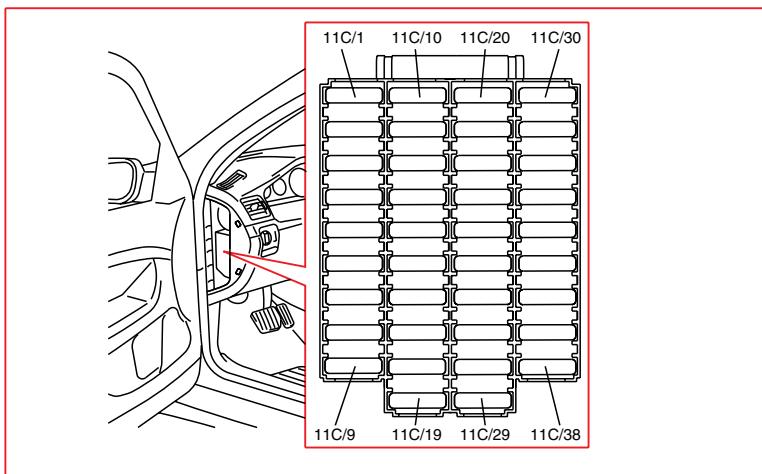
Engine compartment 11B/11-23



11B Fuses in the engine compartment

No.	Fuse function	A
11	Relay, glow plug unit 2/14 Relay, climate control system 2/22 EGR valve 8/17 Solenoid valve, engine mounting 8/64 Solenoid, variable turbo geometry 8/82 PTC resistor, air preheating 9/32 Diesel Spark plug and ignition coil 20/3-7	20
12	Brake light contact 3/9	5
13	Relay, windshield wiper, low/high speed 2/90 Relay, intermittent wiping 2/91 Motor, windshield wiper 6/1	25
14	Brake Control Module BCM 4/16	30
15	Relay, fuel system 2/33 Valve LPG 8/79	15
16	Relay, windshield washer motor 2/92 Windshield washer pump 6/2 Motor, RH headlight wiper 6/3 Motor, LH headlight wiper 6/4	15
17	RH low beam 10/66 RH low beam 10/66 Bi-Xenon RH high beam 10/64 Bi-Xenon	10
18	LH low beam 10/70 LH low beam 10/70 Bi-Xenon LH high beam 10/68 Bi-Xenon	10
19	Brake Control Module BCM 4/16	30
20	LH high beam 10/68	15
21	RH high beam 10/64	15
22	Starter motor 6/25 via 2/35	25
23	Engine control system main relay 2/32 Engine Control Module ECM 4/46	5

Fuses Passenger compartment 11C/1-17

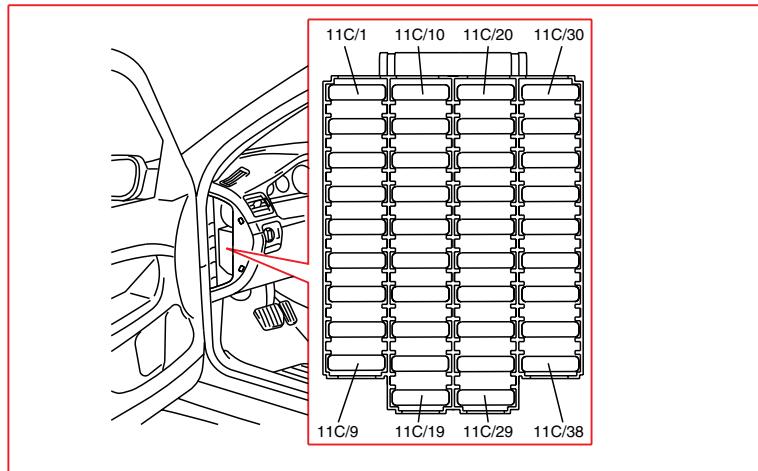


11C Fuses in the passenger compartment

No.	Fuse function	A
1	-	-
2	-	-
3	Fuse protection for 11B/17-18 via 20/27, 2/62	15
4	Fuse protection for 11B/20-21 via 2/63	20
5	Power driver seat module PSM 4/52	30
6	Power passenger seat module 3/27	30
7	LH seat heater 9/12	15
8	RH seat heater 9/13	15
9	Brake Control Module BCM 4/16 Steering Angle Sensor module SAS 4/68	5
12	Motor, RH headlight wiper 6/3 Motor, LH headlight wiper 6/4 LH headlight level adjustment motor 6/38 RH headlight adjustment motor 6/39	15
13	Front 12V outlet 9/1 Rear 12V outlet 9/25	20
14	Switch, seat belt latch left seat 3/93 Switch, seat belt latch left seat 3/94 Central Electronic Module CEM 4/56 Power passenger seat module 3/27	5
15	Audio 16/1 RTI Display 16/46	5
16	Audio 16/1	20
17	Amplifier 16/2	30
	continues	

Fuses

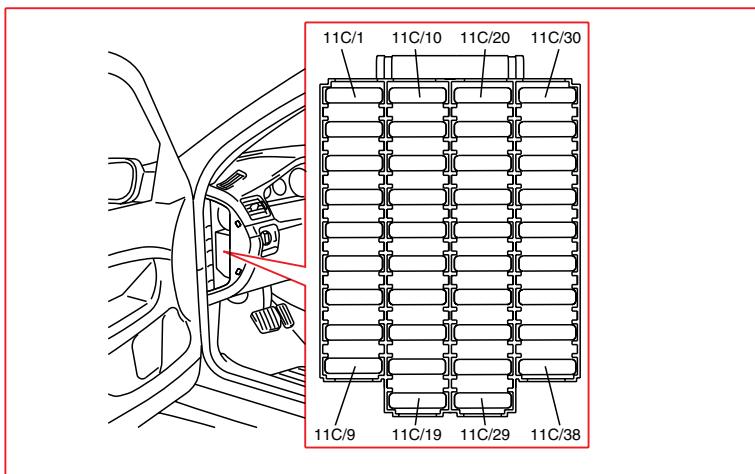
Passenger compartment 11C/18-25



11C Fuses in the passenger compartment

No.	Fuse function	A
18	FL fog light 10/5 via 2/34 FR fog light 10/6 via 2/34	15
19	RTI Display 16/46	10
21	Gear Shift Module GSM 3/156 Geartronic via 2/101 Transmission Control Module TCM 4/28 Fuel distributor, gas 6/105 Shift lock solenoid 8/36 Valve, fuel cut-off DFCO 8/75	10
22	Central Electronic Module CEM 4/56 FL direction indicator 10/13 via 4/56 FR direction indicator 10/14 via 4/56 FL fender direction indicator 10/15 via 4/56 FR fender direction indicator 10/16 via 4/56 RR direction indicator 10/47 via 4/56 RL direction indicator 10/54 via 4/56 LH direction indicator shunt CEM 20/32 via 4/56 RH direction indicator shunt CEM 20/34 via 4/56	20
23	Data link connector 17/13 Light Switch Module LSM 3/111 Climate Control Module CCM 3/112 Steering Wheel Module SWM 3/130	5
24	Control module CPM 4/7 via 2/29 Power driver seat module PSM 4/52 Climate Control Module CCM 3/112 Combined instrument panel DIM 5/1	10
25	Ignition switch 3/1	10
	continues	

Fuses Passenger compartment 11C/26-31

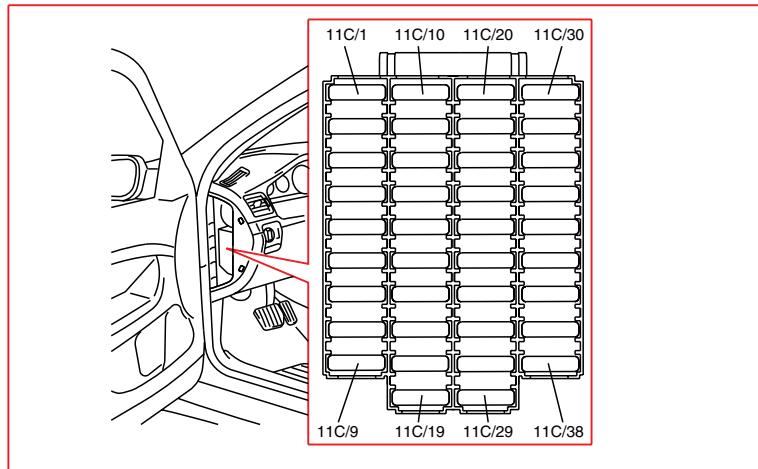


11C Fuses in the passenger compartment

No.	Fuse function	A
26	Motor, passenger compartment fan 6/28 via 4/31	30
27	Control module FL door DDM/PDM 3/126 Control module FR door PDM/DDM 3/127 Lock units, FL door 3/74 via 3/126 Lock units, FR door 3/75 via 3/127 LH power door mirror 6/62 via 3/126 RH power door mirror 6/63 via 3/127 LH heated door mirror 9/33 via 3/126 RH heated door mirror 9/34 via 3/127	15
28	Ceiling light switch unit 3/117 Upper Electronic Module UEM 4/70 Remote control unit for garage door opener 4/76 via 4/70 Rain sensor 7/149 Ceiling light, cargo compartment 10/25 via 4/70 LH vanity mirror lighting 10/114 RH vanity mirror lighting 10/115 via 4/70 Rear reading light 10/150	10
29	Integrated mobile phone 16/60	10
30	FL parking light 10/11 LH tail light lamp 1 10/51 via 20/28 LH tail light lamp 2 10/52 via 20/28 FL parking light 10/129 FL lamp housing 10/1 electronic unit Bi-Xenon	10
31	FR parking light 10/12 EU/OS FR parking light 10/130 USA/CDN RH tail light lamp 1 10/44 via 20/33 RH tail light lamp 2 10/45 via 20/33 License plate lighting 10/3 FR lamp housing 10/2 electronic unit Bi-Xenon	10
	continues	

Fuses

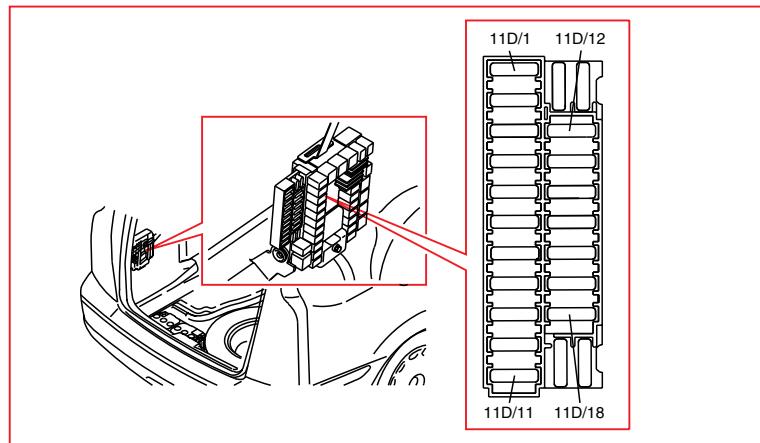
Passenger compartment 11C/32-38



11C Fuses in the passenger compartment

No.	Fuse function	A
32	Central Electronic Module CEM 4/56 Stepper motor, speed-dependent power steering 6/71 via 4/56 Fuse protection for 11C/38	10
33	Fuel pump 6/33 via 2/23	15
34	Sunroof motor 6/15 via 4/33	15
35	FL door lock unit 3/74 via 3/126 LH power door mirror 6/62 via 3/126 LH heated door mirror 9/33 via 3/126	25
36	FR door lock unit 3/75 via 3/127 RH power door mirror 6/63 via 3/127 RH heated door mirror 9/34 via 3/127	25
37	Deadlock relay, RL door 2/138 via 2/120 Deadlock relay, RR door 2/139 via 2/120 LR door power window switch 3/85 via 2/116, 2/118 RR door power window switch 3/86 via 2/117, 2/119 Motor, RL power window 6/92 via 3/85 Motor, RR power window 6/93 via 3/86 RL door switch lighting 10/151 via 2/120 RR door switch lighting 10/152 via 2/120	30
38	Alarm siren SCM 16/35	5

Fuses Cargo compartment 11D/1-7

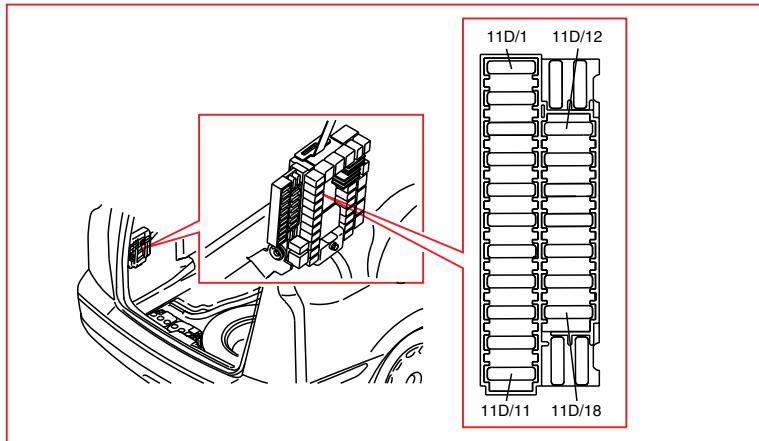


11D Fuses in the cargo compartment

No.	Fuse function	A
1	Rear Electronic Module REM 4/58	10
2	Rear Electronic Module REM 4/58 RL fog light 10/53 via 4/58 RR fog light 10/46 via 4/58	10
3	RH brake light 10/43 via 2/79 LH brake light 10/50 via 2/79 Shunt, brake light REM 20/31 via 2/79	15
4	RH reversing light 10/48 via 2/80 LH reversing light 10/55 via 2/80	10
5	Relay, 15l feed, rear 2/52 Relay, heated rear window 2/82	5
6	Trunk lid/tailgate lock unit 3/78 via 2/87	10
7	RL head restraint solenoid 8/59 via 2/75 RR head restraint solenoid 8/60 via 2/75 12V outlet, cargo compartment 17/19 via 20/39	15
	continues	

Fuses

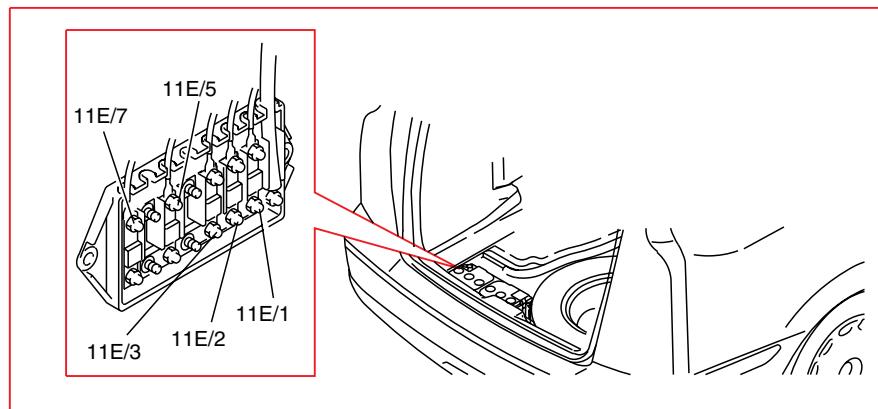
Cargo compartment 11D/8-18



11D Fuses in the cargo compartment

No.	Fuse function	A
8	RL door lock unit 3/76 via 2/112, 2/158 RR door lock unit 3/77 via 2/114, 2/115 Lock motor, fuel filler flap 6/37 via 2/59, 2/158	20
9	Towing bracket wiring 30+	15
10	RTI control module 16/45	10
11	Accessory Electronic Module AEM 4/78	15
12	Rear window wiper motor 6/32 via 2/16, 2/72	15
13	Bass speaker V70 16/79 Relay CNG/LPG 2/140	15 10
15	Towing bracket wiring 15l+	20
17	Relay, preheated fuel filter 2/142	5
18	Electrically heated fuel filter 9/38 via 2/142	15

Fuses
Cargo compartment 11E/1-7



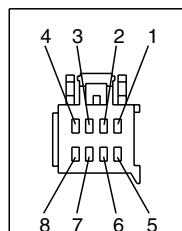
11E Fuses by the battery

No.	Fuse function	A
1	Fuse protection for 11D/15-18 via 2/52	40
2	Fuse protection for 11D/12-14	40
3	Heated rear window 9/2 via 2/82	40
5	Fuse protection for 11D/6-11	40
7	Fuse protection for 11D/1-5	40

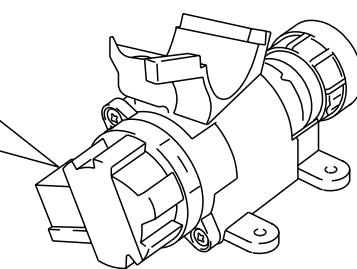
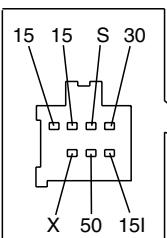
Relays/Shunts

Ignition switch with relays

3/1



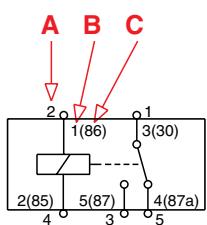
Term.	Color
1	BL-R
2	-
3	Y
4	R-SB
5	-
6	VO
7	Y-W
8	BL



Position	Terminal						
	30	15	15	X	15I	S	50
Key Out	X						
0	*					*	
I	*				X	*	
II	*	X	X	X	X	*	
III	*	X	X			X	X

Relays, general

The diagram indicates two or three different designations for the relay's position. This is described below.

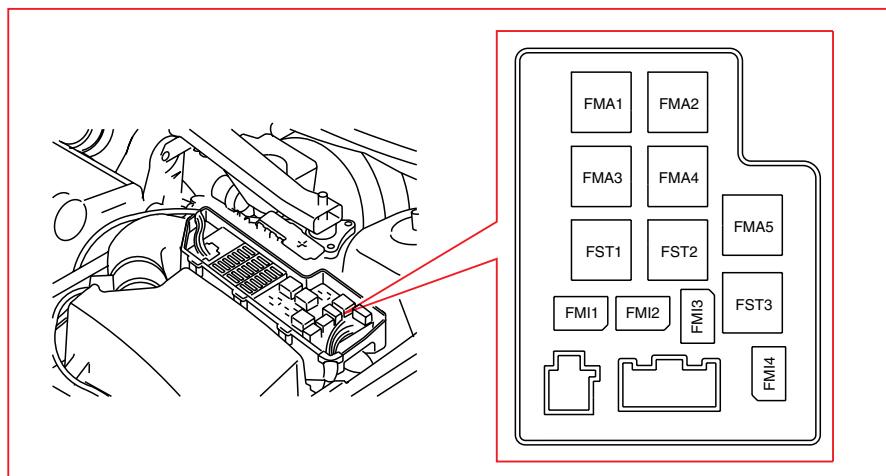


A = Corresponds to the position on the rear of the relay box (wiring side).

B = Corresponds to the position on the relay.

C = Is an old designation that can be on the relay.

Relays/Shunts Engine compartment FMA2 - FST3

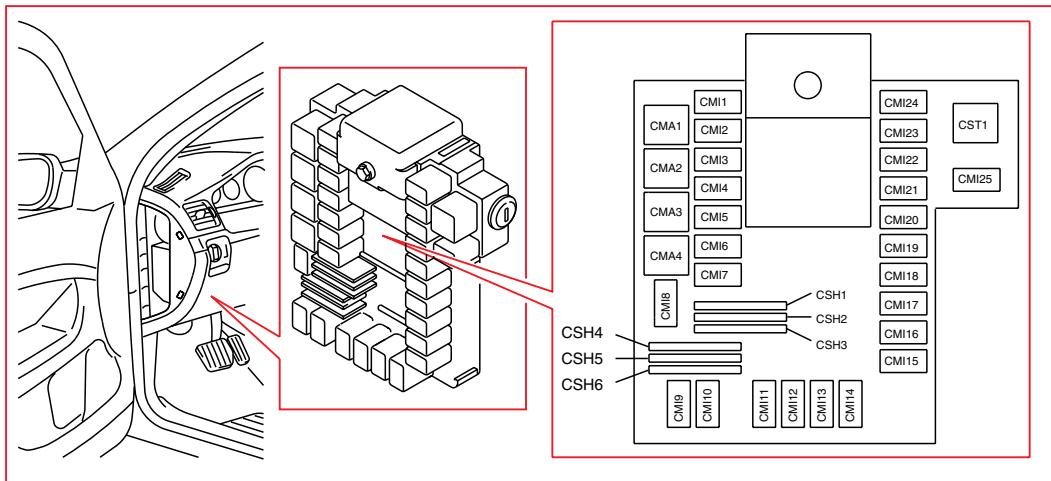


Relays in the engine compartment

Pos	Relay function
FMA2	Engine control system main relay 2/32
FMA3	Relay, glow plug unit 2/14
FMA4	Starter motor relay 2/35
FMI1	AC relay 2/22
FMI2	Horn relay 2/17
FMI3	Relay, windshield washer motor 2/92
FMI4	Relay, rear window washer motor 2/93
FST1	Relay, intermittent windshield wiper 2/91
FST2	Relay, fuel system 2/33
FST3	Relay, windshield wiper, low/high speed 2/90

Relays/Shunts

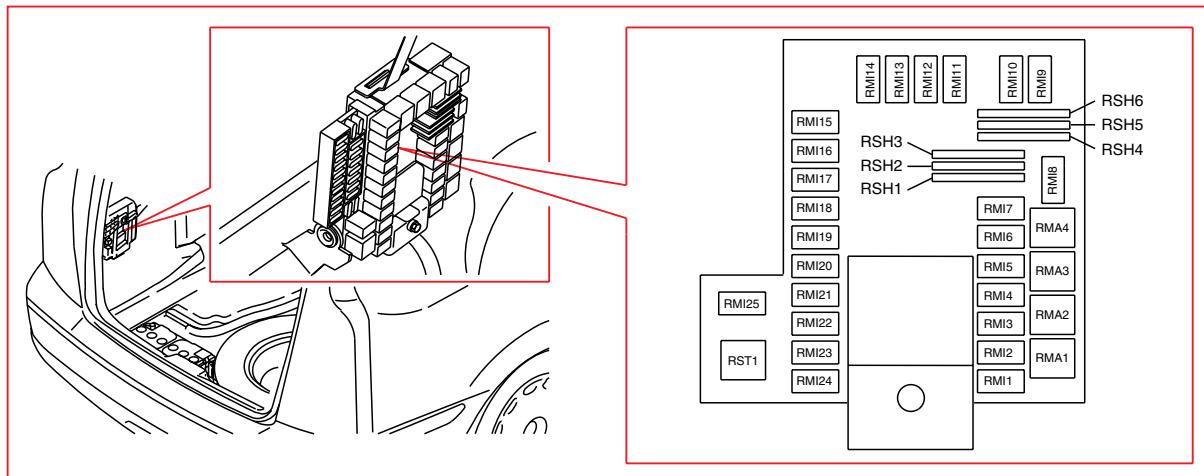
Passenger compartment CMA2 - CSH4



Relays/Shunts in passenger compartment

Pos	Relay function
CMA2	X feed overload relay 2/30
CMA3	15-feed overload relay 2/31
CMI1	Relay, RL power window up 2/116
CMI2	Relay, RL power window down 2/118
CMI3	Power window relay, child lock rear door 2/120
CMI4	High beam relay 2/63
CMI5	Relay, parking light 2/61
CMI7	Relay, low beam 2/62
CMI11	Fog light relay, front 2/34
CMI12	Relay, fuel pump 2/23
CMI14	Relay, fuel leakage control 2/143
CMI21	Relay for extended D2 feed, automatic transmission 2/101
CMI22	Relay, extended D1 feed 2/29
CMI23	Relay, RR power window down 2/119
CMI24	Relay, RR power window up 2/117
CSH1	LH indicator shunt CEM 20/32
CSH2	RH indicator shunt CEM 20/34
CSH4	Shunt, low beam CEM 20/27

Relays/Shunts Cargo compartment RMA1 - RSH6

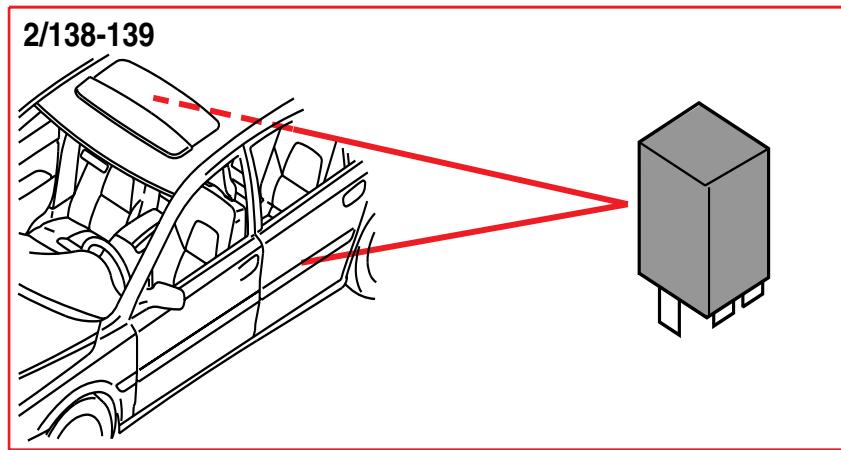


Relays/Shunts in cargo compartment

Pos	Relay function
RMA1	Relay, 15l feed, rear 2/52
RMA3	Relay, heated rear window 2/82
RMI2	Unlocking relay, RL 2/112
RMI3	Relay, deadlock, rear doors 2/115
RMI4	Relay, reversing light 2/80
RMI5	Relay, brake lights 2/79
RMI6	Relay, rear fog light 2/49
RMI7	Relay, trailer fog light 2/83
RMI8	Relay, preheated fuel filter 2/142
RMI13	Relay, rear window wiper 2/72
RMI14	Relay, rear adjustable head restraint 2/75
RMI16	Relay, intermittent rear window wiping on/off 2/16
RMI17	Relay CNG/LPG 2/140
RMI19	Unlocking relay, tailgate 2/87
RMI20	Locking relay, rear doors, filler flap 2/158
RMI21	Unlocking relay, fuel filler flap 2/59
RMI23	Unlocking relay, RH rear 2/114
RSH2	Shunt, low beam REM 20/29
RSH3	Shunt, cargo compartment 12V outlet 20/39
RSH4	Shunt, parking light REM 20/28
RSH5	Shunt, parking light/tail light REM 20/33
RSH6	Shunt, brake light REM 20/31

Relays/Shunts

Other relays



Other relays

Pos	Relay function
LH rear door	Deadlock relay, LH rear door 2/138
RH rear door	Deadlock relay, RH rear door 2/139

**Ground connection
31/1 - 31/67**

31/1
Windshield washer pump 6/2:4
RH headlight wiper motor 6/3:3
Coolant level sensor 7/73:2

31/2
Control module, electric cooling fan 4/71A:2

31/3
Battery 1/1

31/4
Ground connection 31/44

31/6
Central Electronic Module CEM 4/56E:1 LHD
Fan control module 4/31A:4 RHD
Junction point 53/405
-glove compartment lighting 10/29:2 RHD
-X feed overload relay 2/30:4
-hazard warning flasher switch 3/6:5
-relay, fuel leakage control 2/143:1 USA/CDN turbo
-antenna ring/ignition switch lighting 16/65:6
-courtesy lighting, left front 10/125:4
-connector 54/13:22

31/10
Control module, ventilation fan 4/31A:4 LHD
Central Electronic Module, CEM 4/56E:1 RHD
Junction point 53/406
-glove compartment lighting 10/29:2 LHD
-courtesy lighting, right front 10/126:4
-front 12V outlet 9/1:2
-rear 12V outlet 9/25:3

31/44
Ground connection 31/4

31/47
Fuel pump 6/33:4
Connector 54/79:4

31/48
Connector 54/50:14
Junction point 53/605
-bass speaker 16/79:9
-bass speaker 16/79:10

31/66
Junction point 53/500
-connector 54/24:13 RHD
-power driver seat module PSM 4/52A:2 LHD
-connector 54/24:3
-connector 54/10:11
-connector 54/20:12
Connector 54/10:12 RHD
Junction point 53/510 LHD
-power driver seat module PSM 4/52B:4 LHD
-connector 54/10:12 LHD

31/67
Junction point 53/501
-connector 54/25:3
-power driver seat module PSM 4/52A:2 RHD
-connector 54/25:13 LHD
-connector 54/11:11
-fuel pump, auxiliary heater 6/35:2
-connector 54/21:12
Connector 54/11:12 LHD
Junction point 53/511 RHD
-control module, power driver's seat PSM 4/52:4
-connector 54/11:12 RHD

Ground connection

31/70 - 31/91

31/70
Junction point 53/345 Accessories

31/72
Junction point 53/601 -Rear Electronic Module (REM) 4/58E:1 -RL lamp housing 10/18A:6 -RL lamp housing 10/18B:4 -connector 54/50:6 -connector 54/50:7
Junction point 53/602 RTI -control module, RTI system 16/45D:5 -sensor, vehicle inclination ISM 7/100:5 RTI
Sensor, vehicle inclination ISM 7/100:5 without RTI

31/73
Junction point 53/604 -RR lamp housing 10/17A:6 -RR lamp housing 10/17B:4 -12V outlet, cargo compartment 17/19:2 -Accessory Electronic Module AEM 4/78:1 -connector 54/54:8 -connector 54/106:2 -connector 54/35:4

31/83
Junction point 53/400 -combined instrument panel DIM 5/1:14 -antenna ring/ignition switch lighting 16/65:7 -connector 54/13:20

31/84
Junction point 53/438 -light switch module LSM 3/111:5 -Steering Wheel Module SWM 3/130:16 -steering wheel module SWM 3/130:22 -Climate Control Module CCM 3/112A:16 -Steering Angle Sensor module SAS 4/68:16 DSTC -data link connector 17/13:4 -data link connector 17/13:5 -integrated mobile telephone PHM 16/60:18
Audio 16/1A:12
Junction point 53/448 -amplifier 16/2A:2 -audio 16/1A:12 with amplifier
-junction point 53/423 RTI -RTI display 16/46A:4 -RTI display 16/46A:5

31/88
Spark pump and ignition coil 20/3:3 Gasoline
Spark pump and ignition coil 20/4:3 Gasoline

31/89
Spark pump and ignition coil 20/5:3 Gasoline
Spark pump and ignition coil 20/6:3 Gasoline
Spark pump and ignition coil 20/7:3 Gasoline

31/91
PTC resistor, air preheating 9/32:2 gasoline
Electronic Throttle Module ETM 4/50:5 Denso

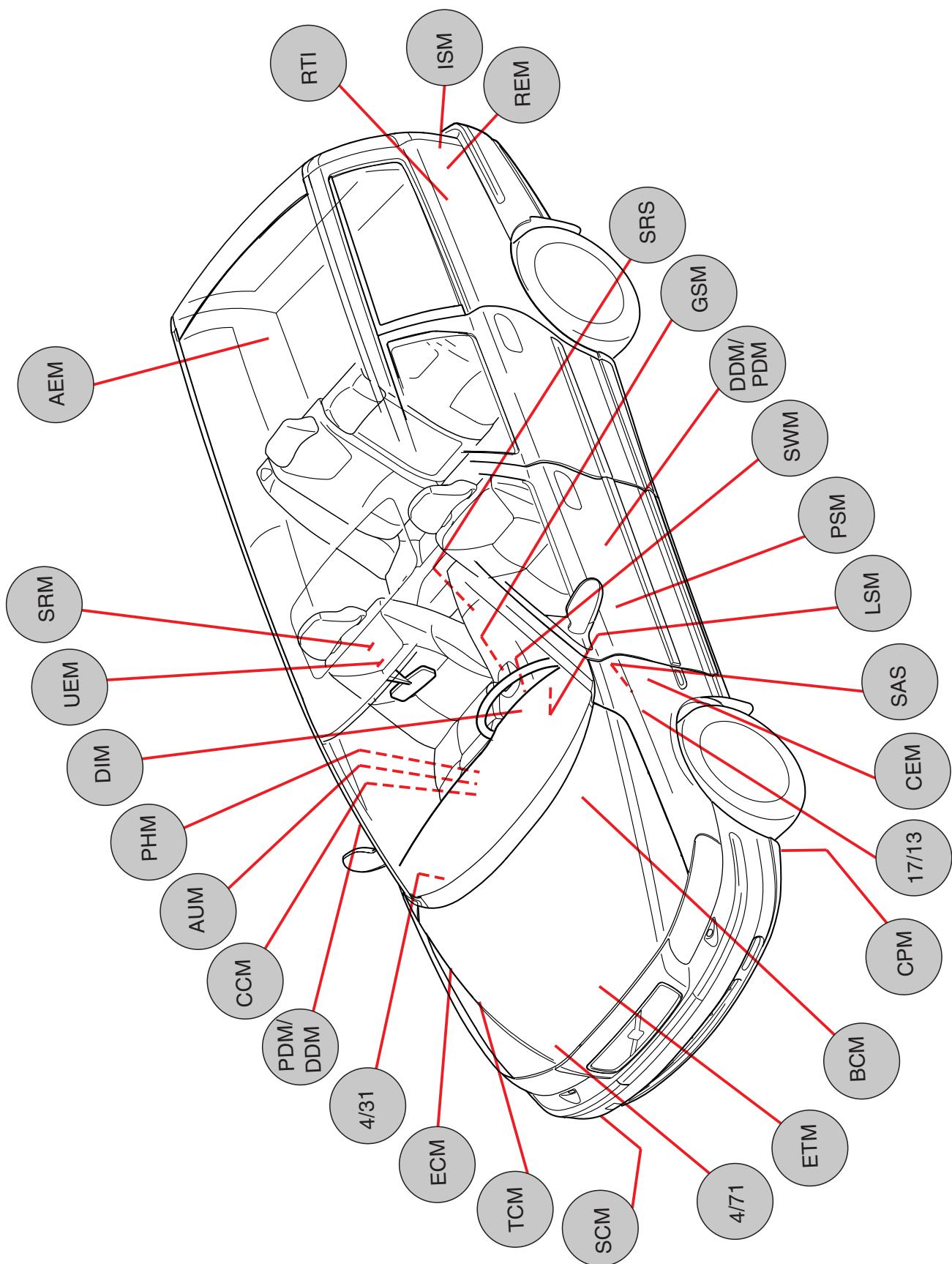
**Ground connection
31/93 - 31/98**

31/93
Junction point 53/329 -switch, reversing lights 3/10:2 Man -capacitor 20/16B:1 -brake fluid level sensor 7/4:2 -stepper motor, speed-dependent power steering 6/71:6 -sensor, washer fluid level 7/51:3 -valve LPG 8/79:1 -connector 54/3LA:5
Junction point 53/301 -FL lamp housing 10/1B:3 -FL fender direction indicator 10/15:1 EU/OS -FL fog light 10/5:2 -FL lamp housing 10/1A:1 -LH headlight level adjustment motor 6/38:1 -connector 54/22A:1 Bi-Xenon
Junction point 53/331 -connector 54/4:4 -automatic transmission 8/37B:2 -automatic transmission 8/37B:4 -LH headlight wiper motor 6/4:3 junction rail 15/25:1 -windshield wiper motor 6/1:4 -connector 54/9:3
31/94
Junction point 53/303 -alarm siren SCM 16/35:3 -RH headlight adjustment motor 6/39:1 -FR fender direction indicator 10/16:1 EU/OS -RH front lamp housing 10/2A:1 -connector 54/23A:1 Bi-Xenon -FR lamp housing 10/2B:3 -FR fog light 10/6:2
Gear Shift Module GSM 3/156A:6 via 54/3LA:5, 4/28A:54, 4/28A:53

31/95
Junction point 53/384 -Brake Control Module BCM 4/16:16 -Brake Control Module BCM 4/16:47
31/96
Junction point 53/326 -Engine Control Module ECM 4/46A:36 5-cyl without turbo -Engine Control Module ECM 4/46A:36 Diesel -Engine Control Module ECM 4/46A:53 -Engine Control Module ECM 4/46A:54 -Engine Control Module ECM 4/46A:62 5-cyl without turbo -Engine Control Module 4/46A:63 5-cyl turbo -PTC resistor, air preheating 9/32:2 diesel
31/98
RH vanity mirror lighting 10/115:3
Junction point 53/503 -connector 54/13:20 -connector 54/16:2 Rain sensor -LH vanity mirror lighting 10/114:3 -rear reading light 10/150:4 -Microwave Motion Sensor (MMS) alarm 7/122:5 -Upper Electronic Module UEM 4/70:20 -ceiling light switch unit 3/117A:10 -ceiling light, cargo compartment 10/25:4 -Sunroof control module SRM 4/33:5

Control modules

Overview

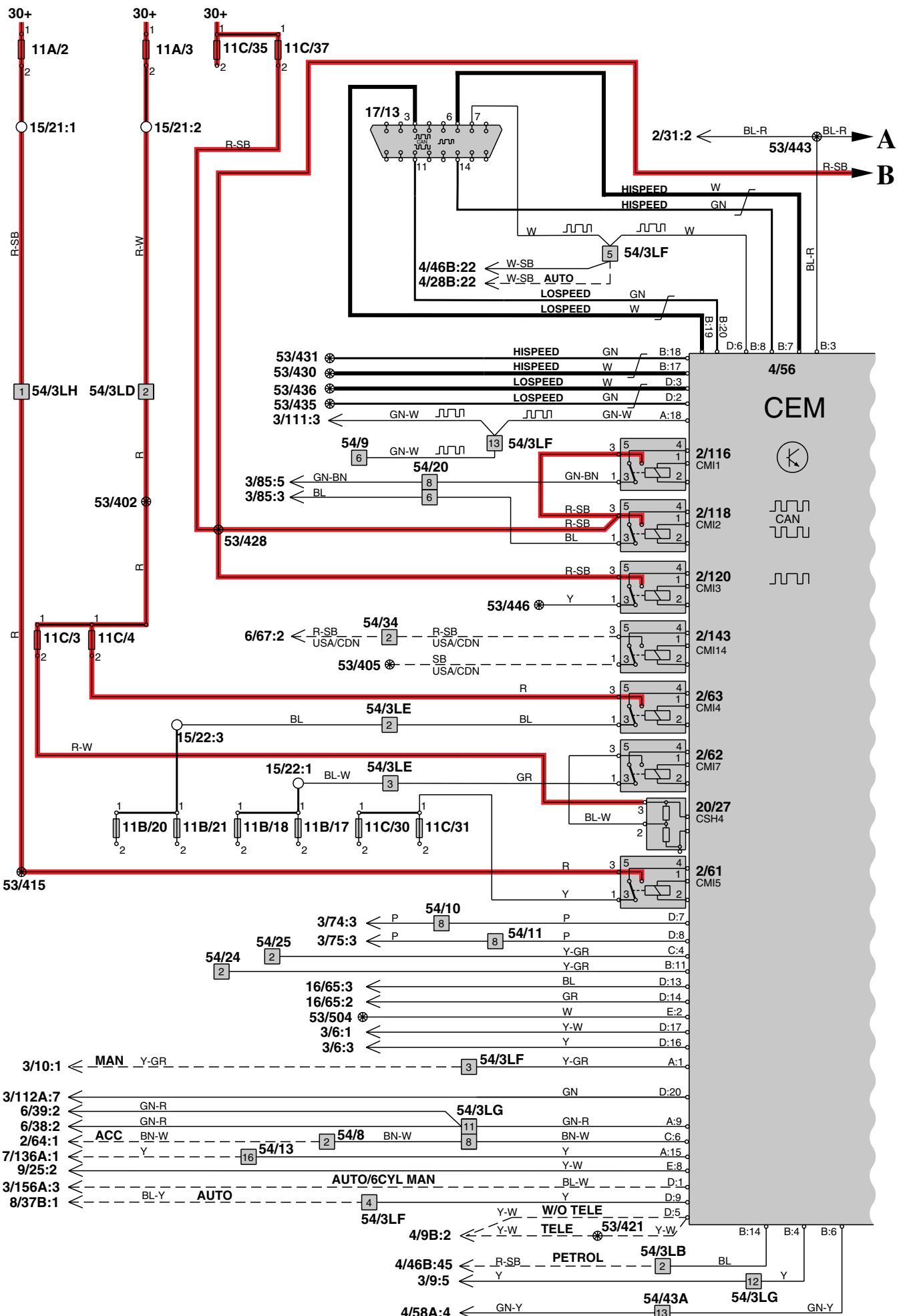


Control modules Overview

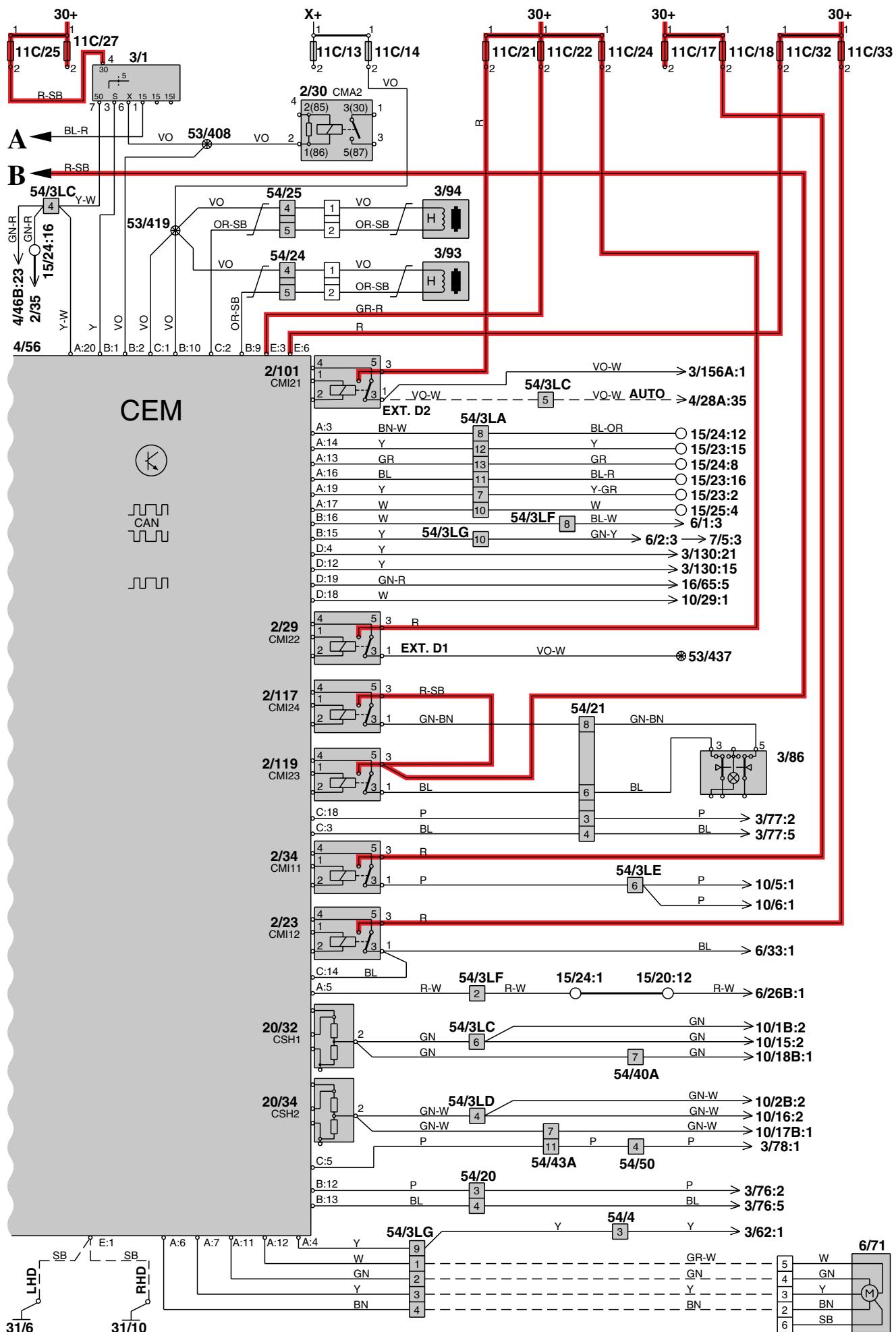
Unit	Designation
AEM	Accessory Electronic Module AEM 4/78
AUM	Audio 16/1
BCM	Brake Control Module BCM 4/16
CCM	Climate Control Module CCM 3/12
CEM	Central Electronic Module CEM 4/56
CPM	Combustion Preheater Module CPM 4/7
DIM	Combined instrument panel DIM 5/1
ECM	Engine Control Module ECM 4/46
ETM	Electronic Throttle Module ETM 4/50
GSM	Gear Shift Module GSM, automatic transmission 3/156
ISM	Vehicle inclination sensor ISM 7/100
LSM	Light Switch Module LSM 3/111
PDM/ DDM	Control module FR door DDM/PDM 3/127
DDM/ PDM	Control module FL door DDM/PDM 3/126
PHM	Integrated mobile telephone PHM 16/60
PSM	Power driver seat module PSM 4/52
REM	Rear Electronic Module REM 4/58
RTI	RTI control module 16/45
SAS	Steering Angle Sensor module SAS 4/68
SCM	Alarm siren SCM 16/35
SRM	Sunroof control module SRM 4/33
SRS	Control module, Supplementary Restraint System SRS 4/9
SWM	Steering Wheel Module SWM 3/130
TCM	Control module TCM 4/28
UEM	Upper Electronic Module UEM 4/70
4/31	Fan control module 4/31
4/71	Cooling fan control module 4/71
17/13	Data link connector 17/13

Control modules

Central Electronic Module CEM

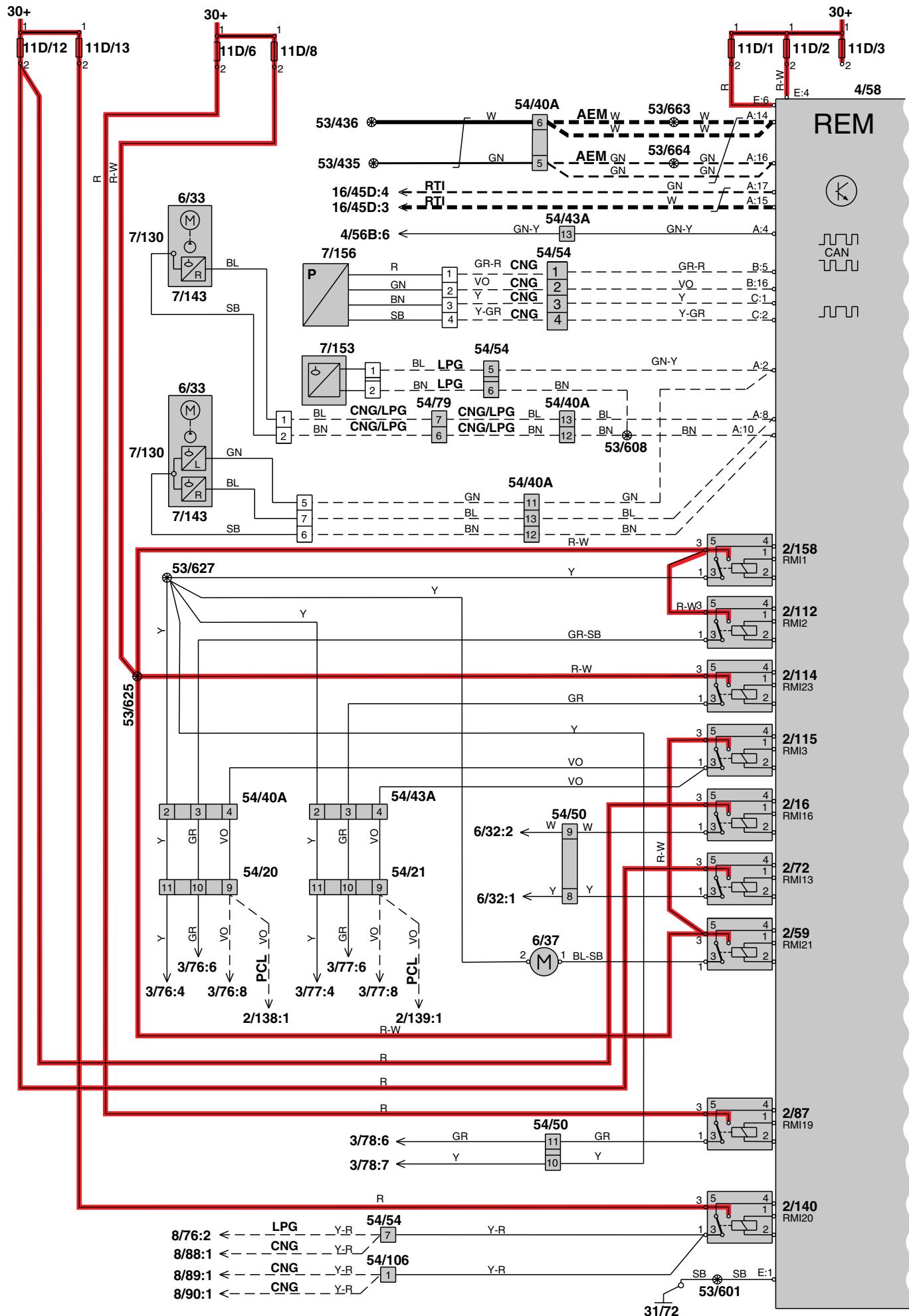


Control modules Central Electronic Module CEM

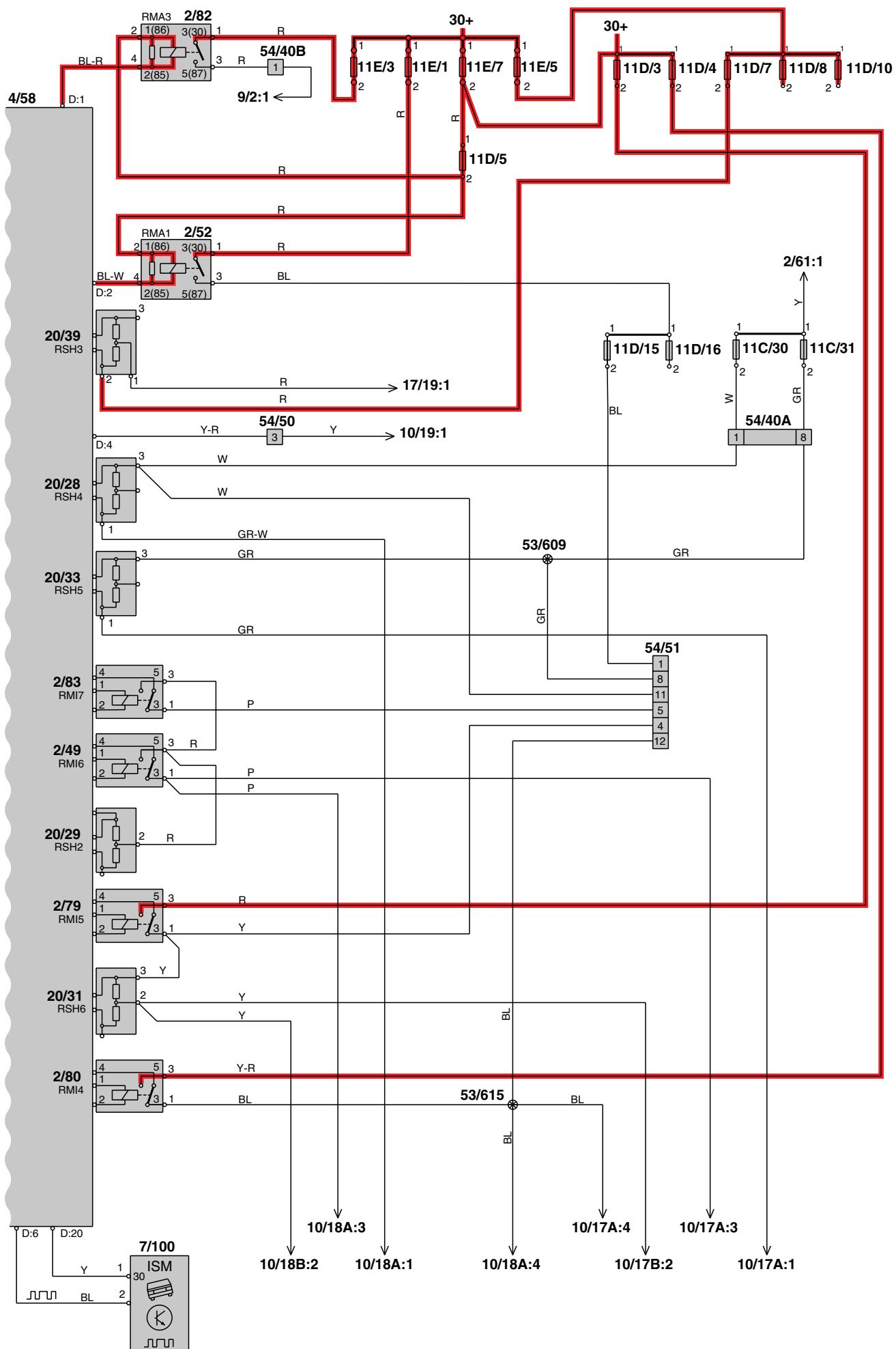


Control modules

Rear Electronic Module REM

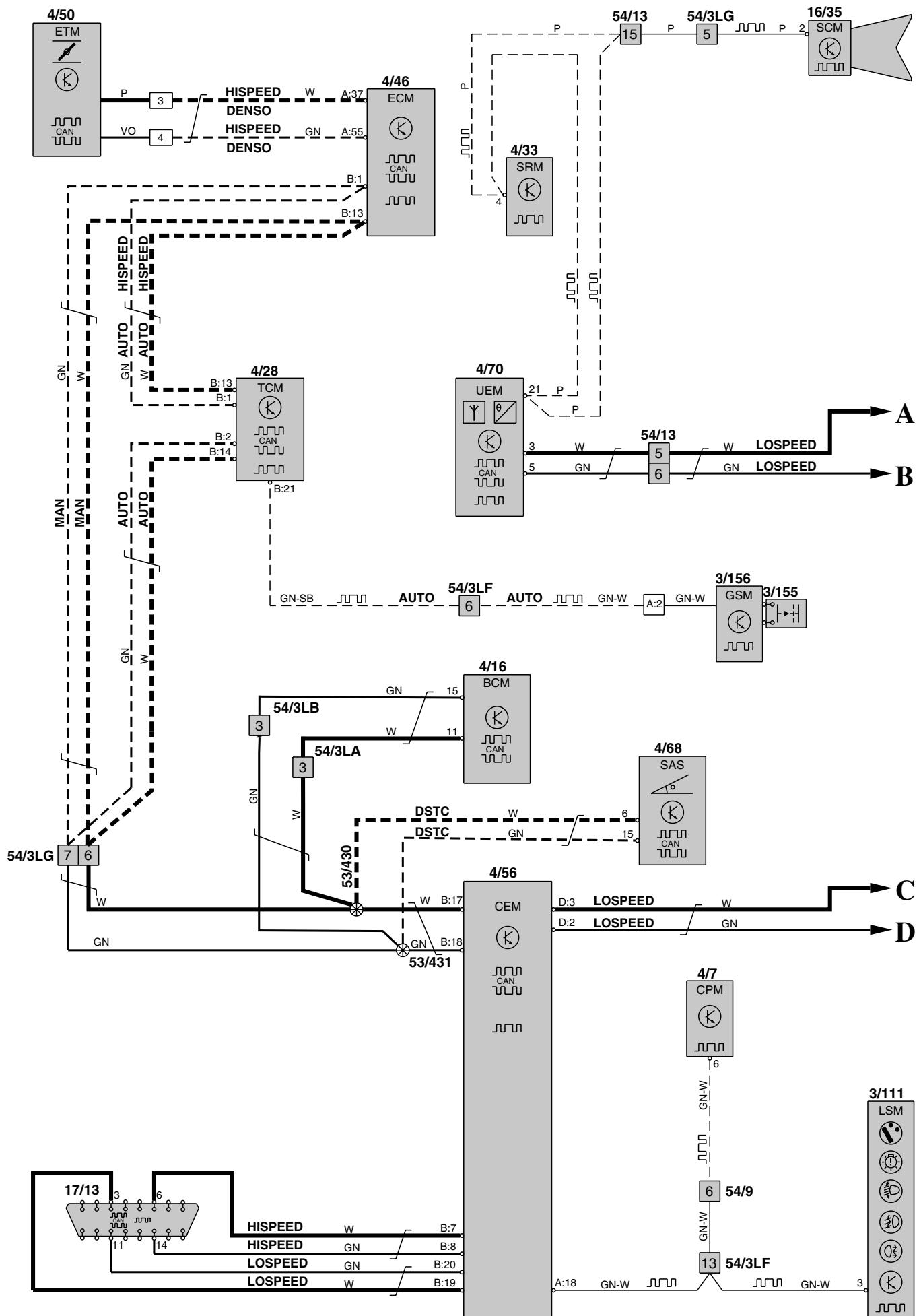


Control modules
Rear Electronic Module REM

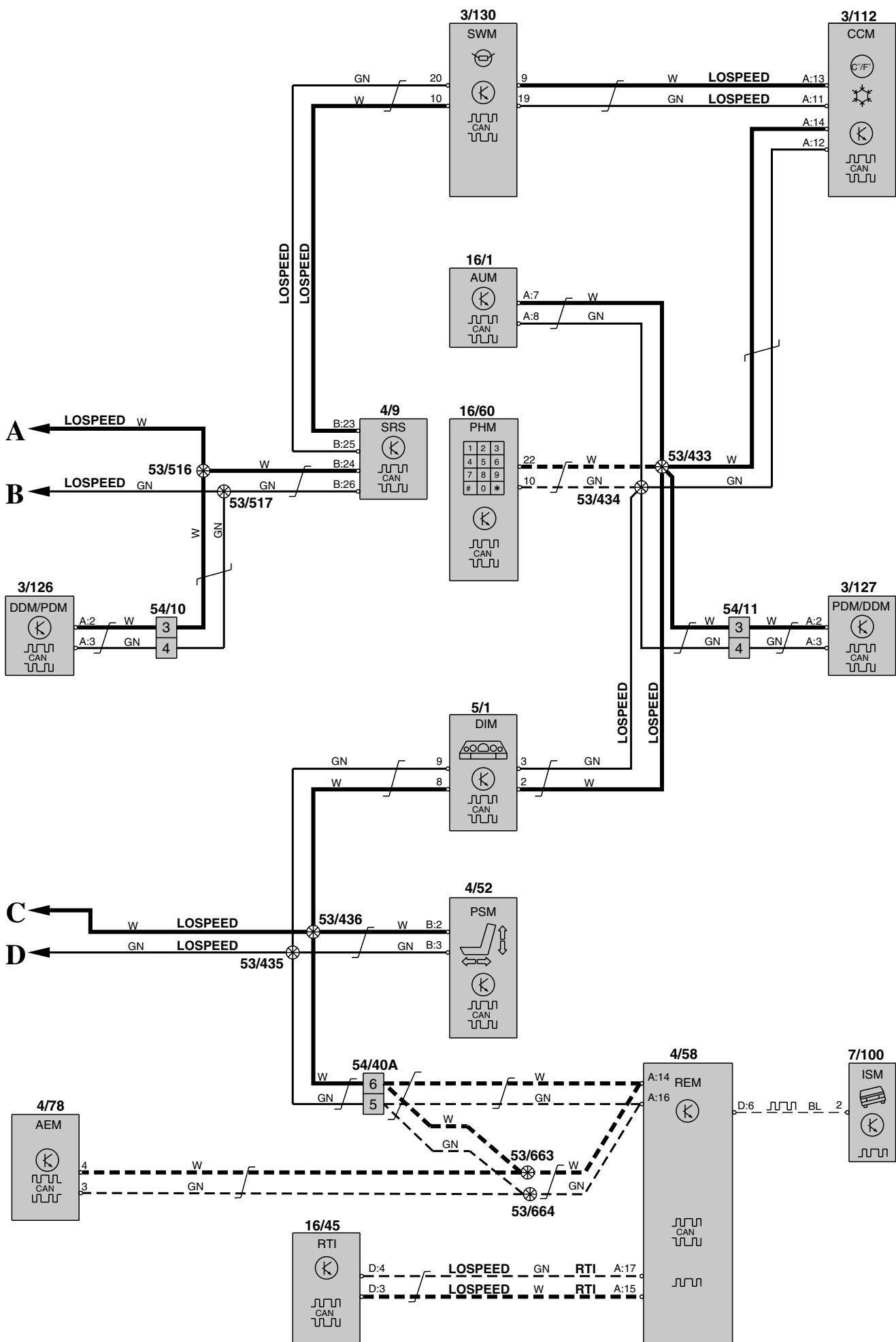


Control modules

Data communication

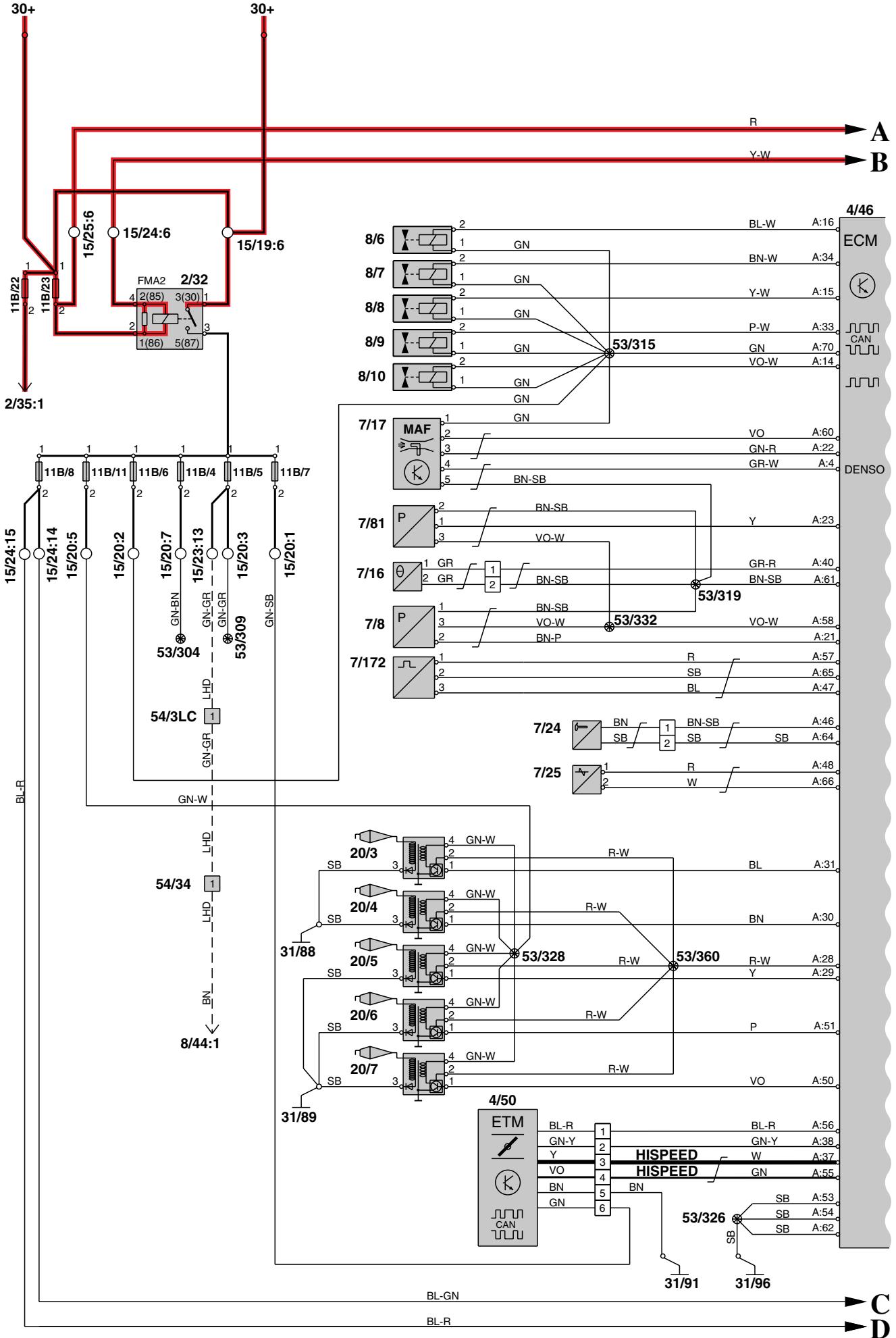


Control modules Data communication

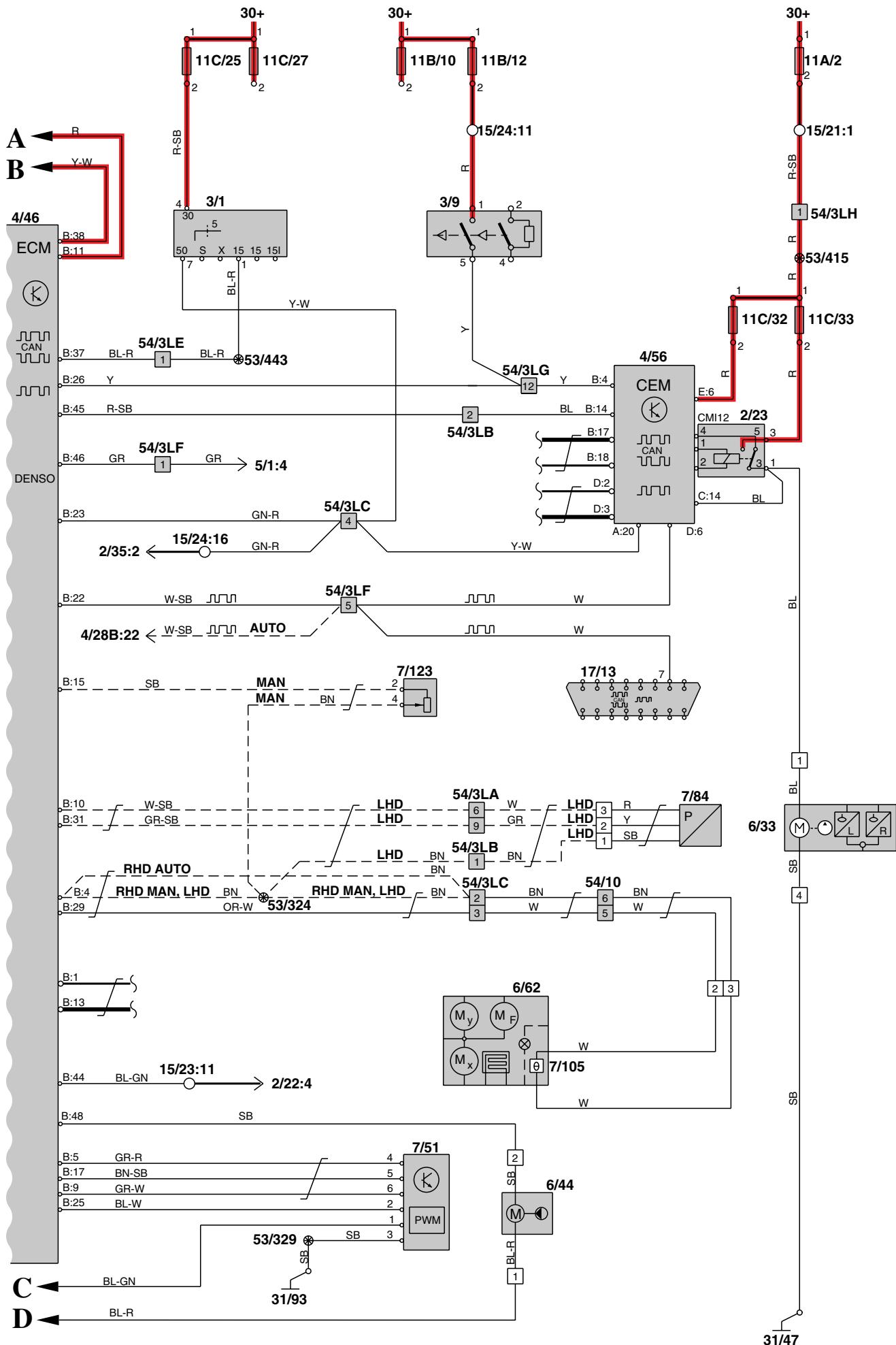


Group 23

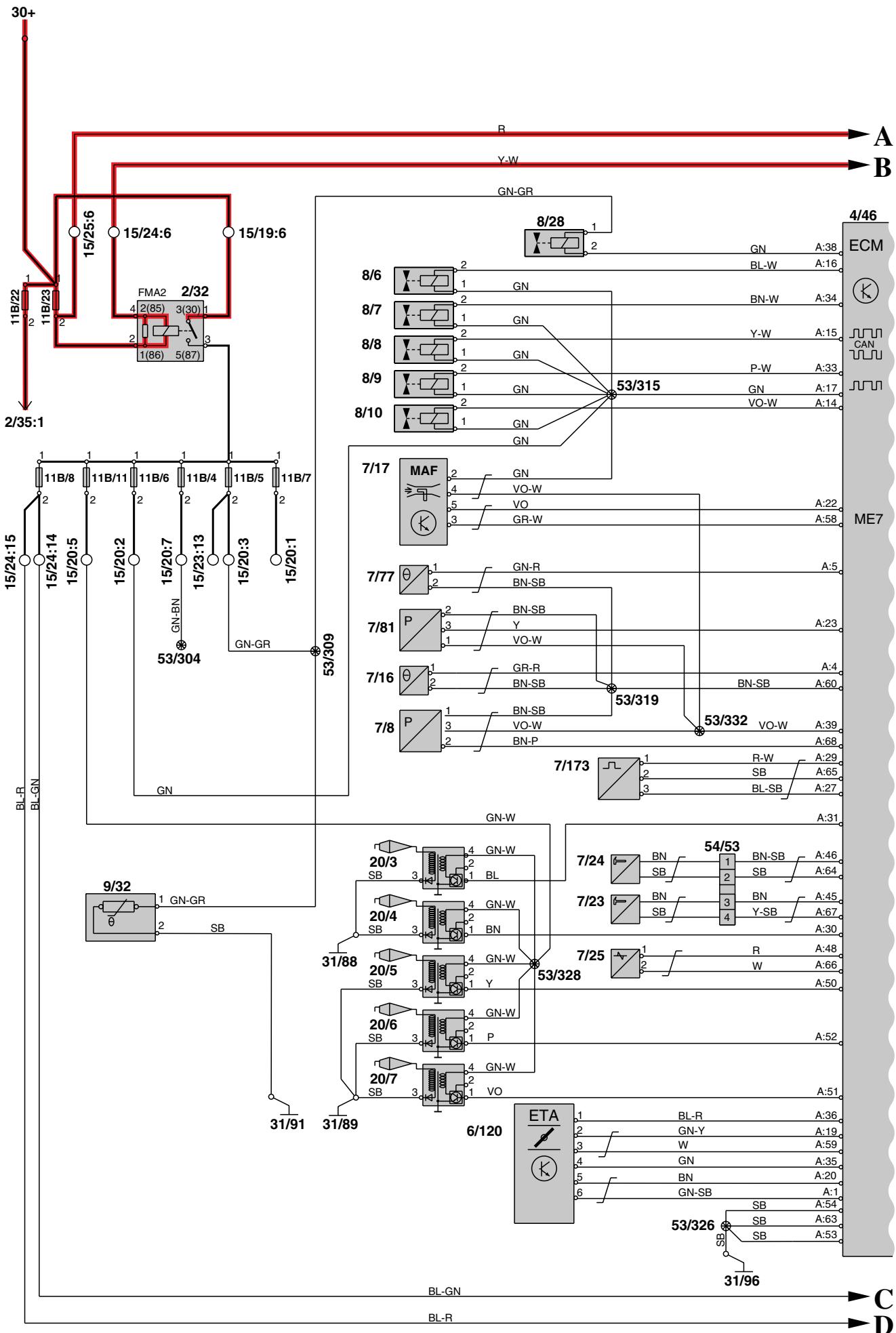
Engine management system Denso



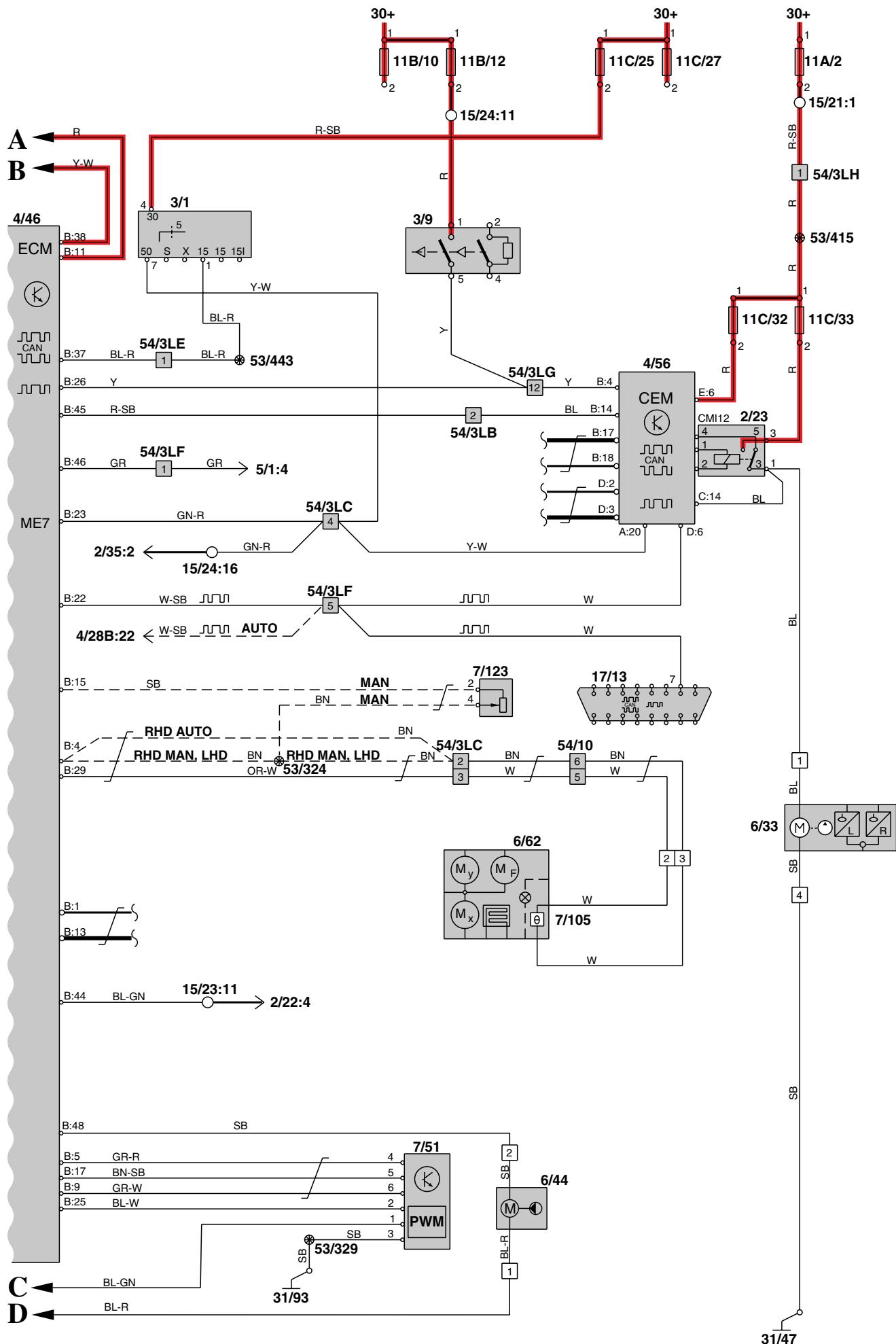
Engine management system Denso



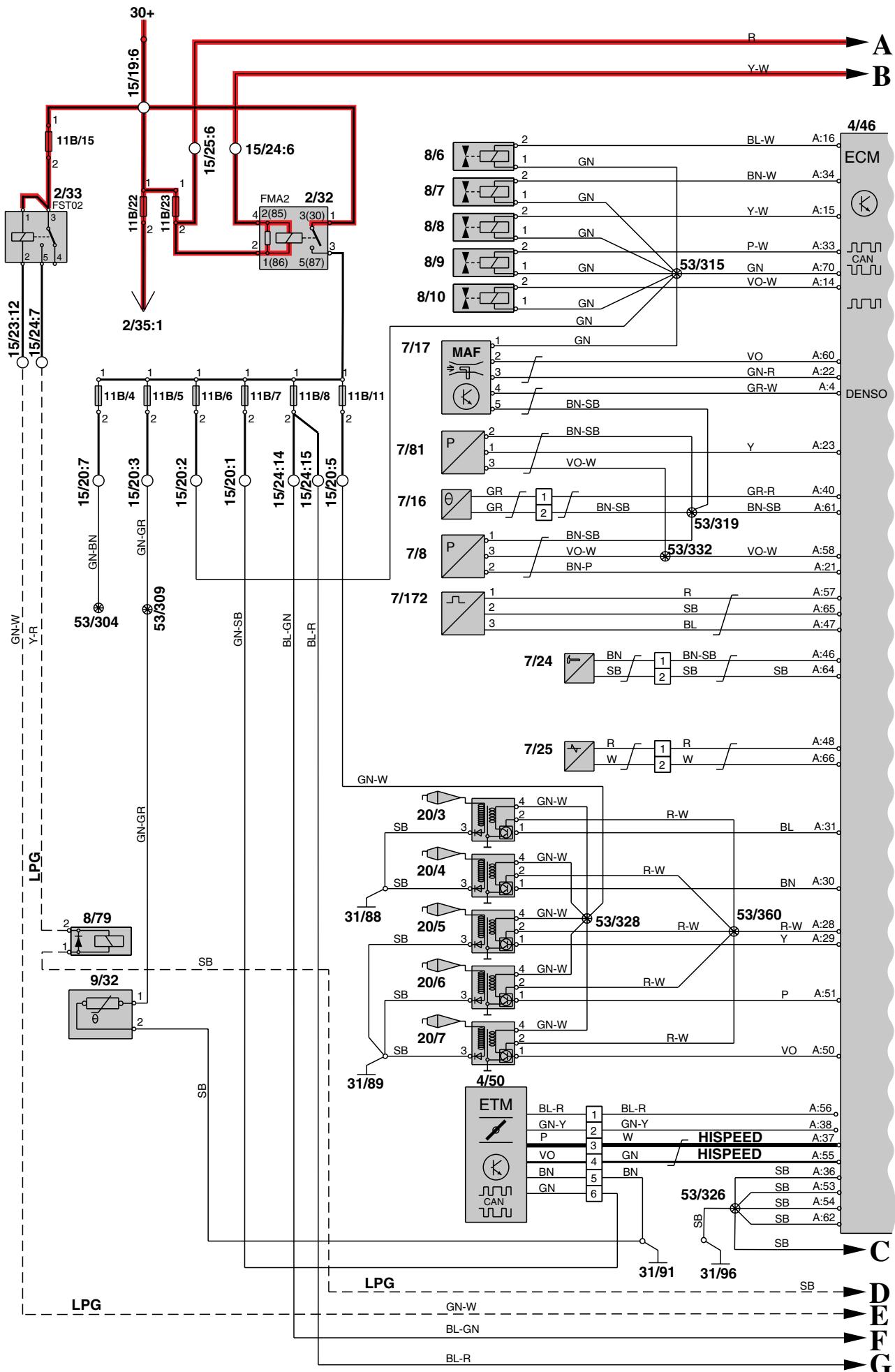
Engine management system ME7



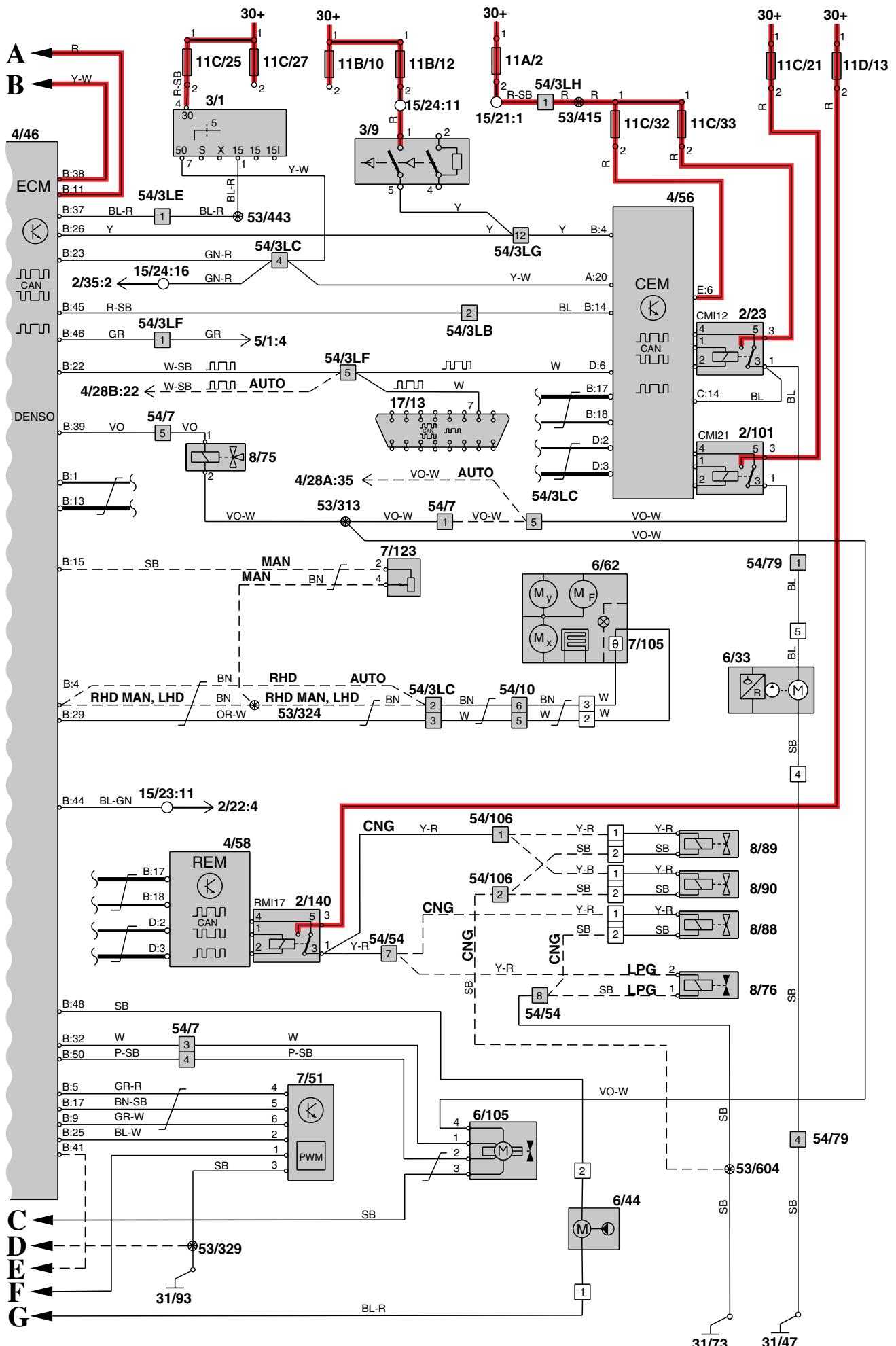
Engine management system ME7



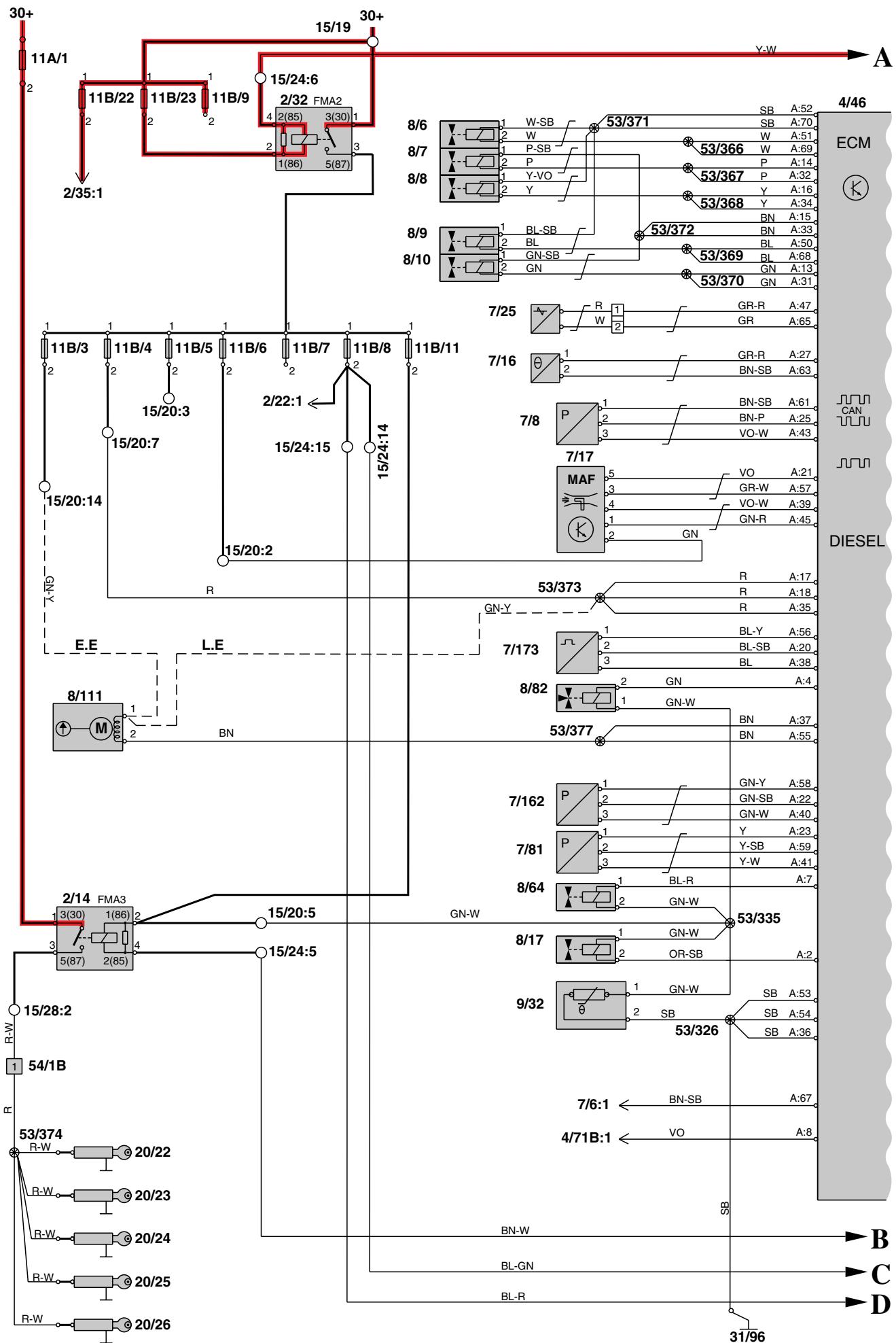
Engine management system, Bifuel



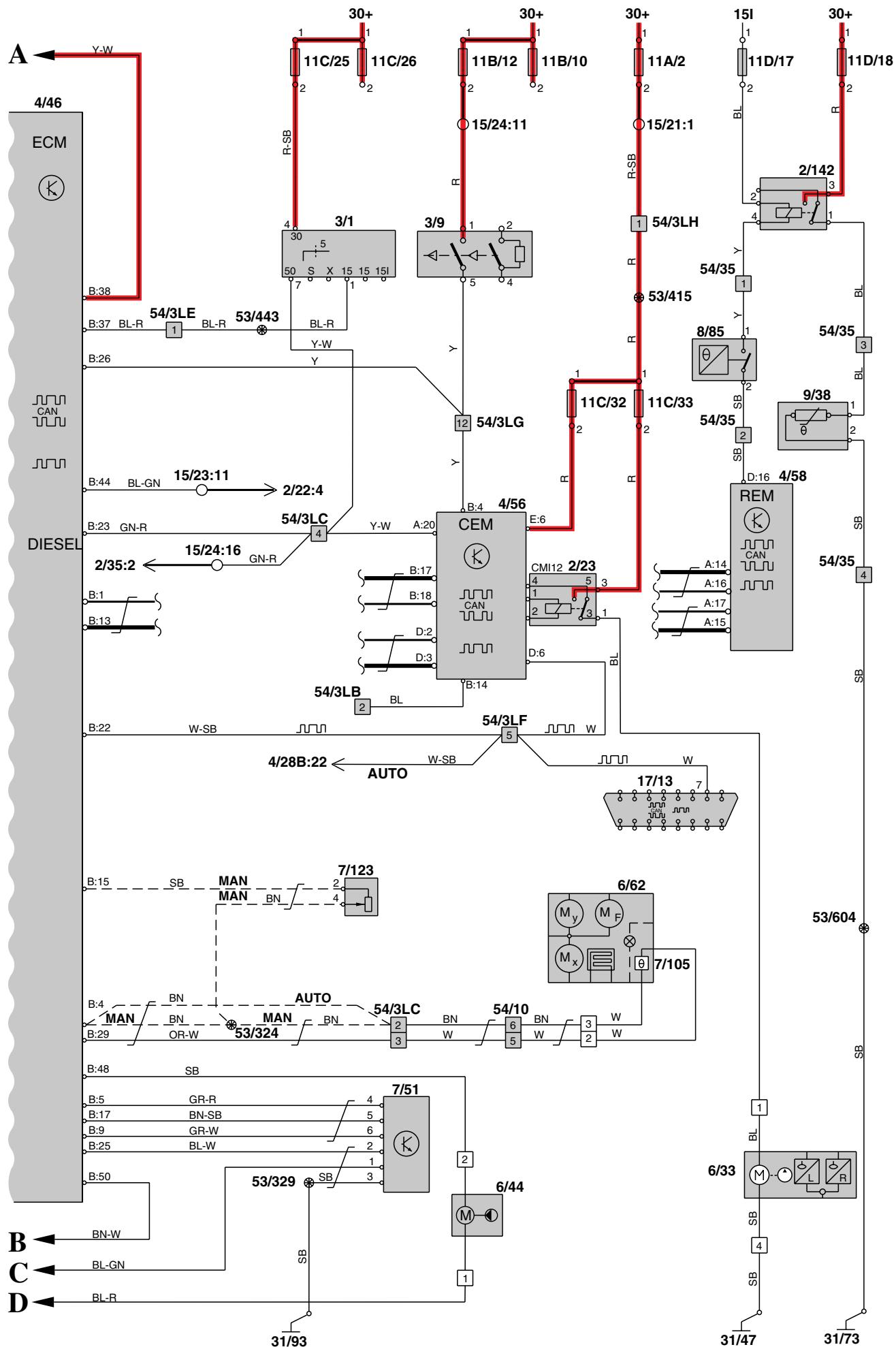
Engine management system, Bifuel



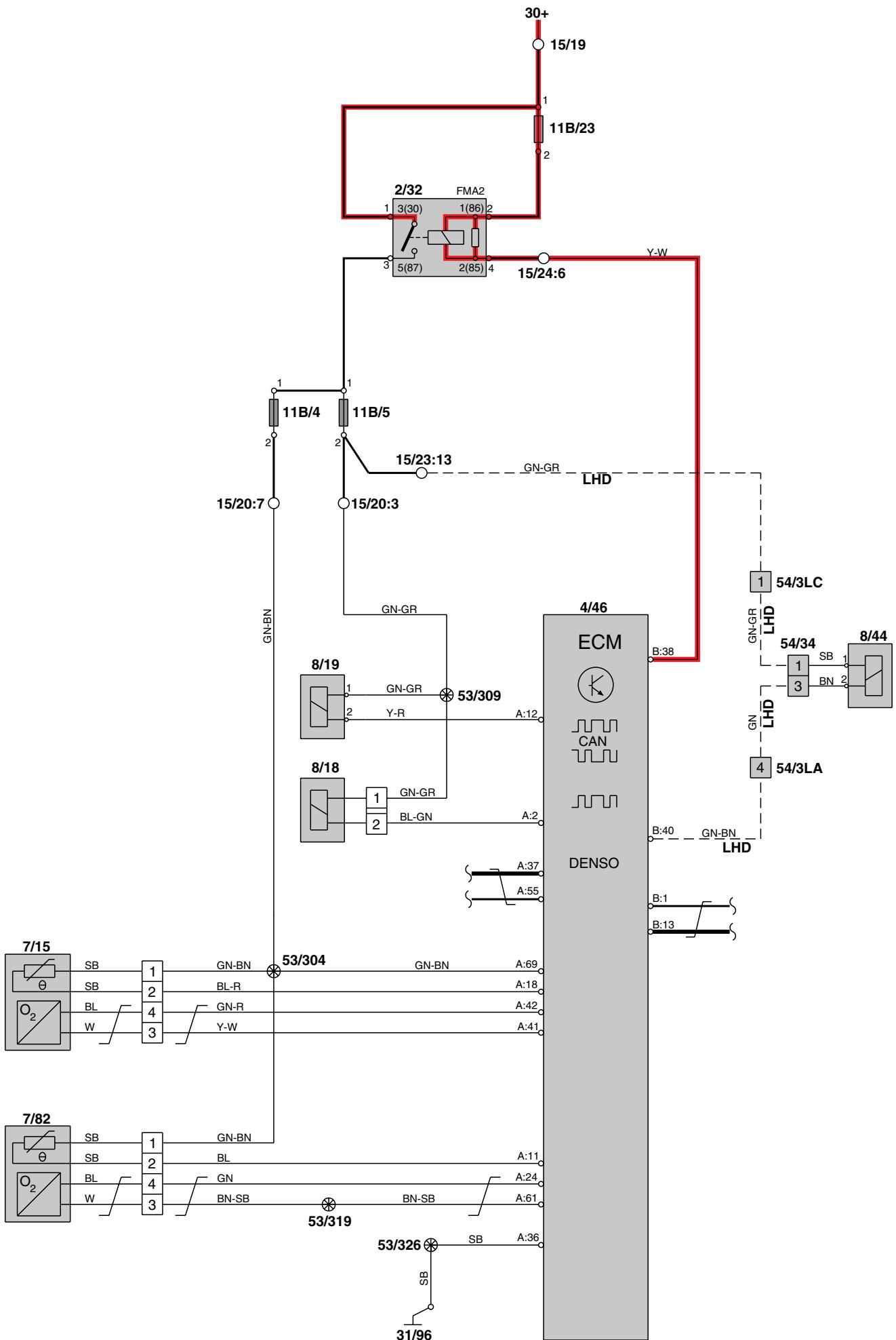
Engine management system, Diesel



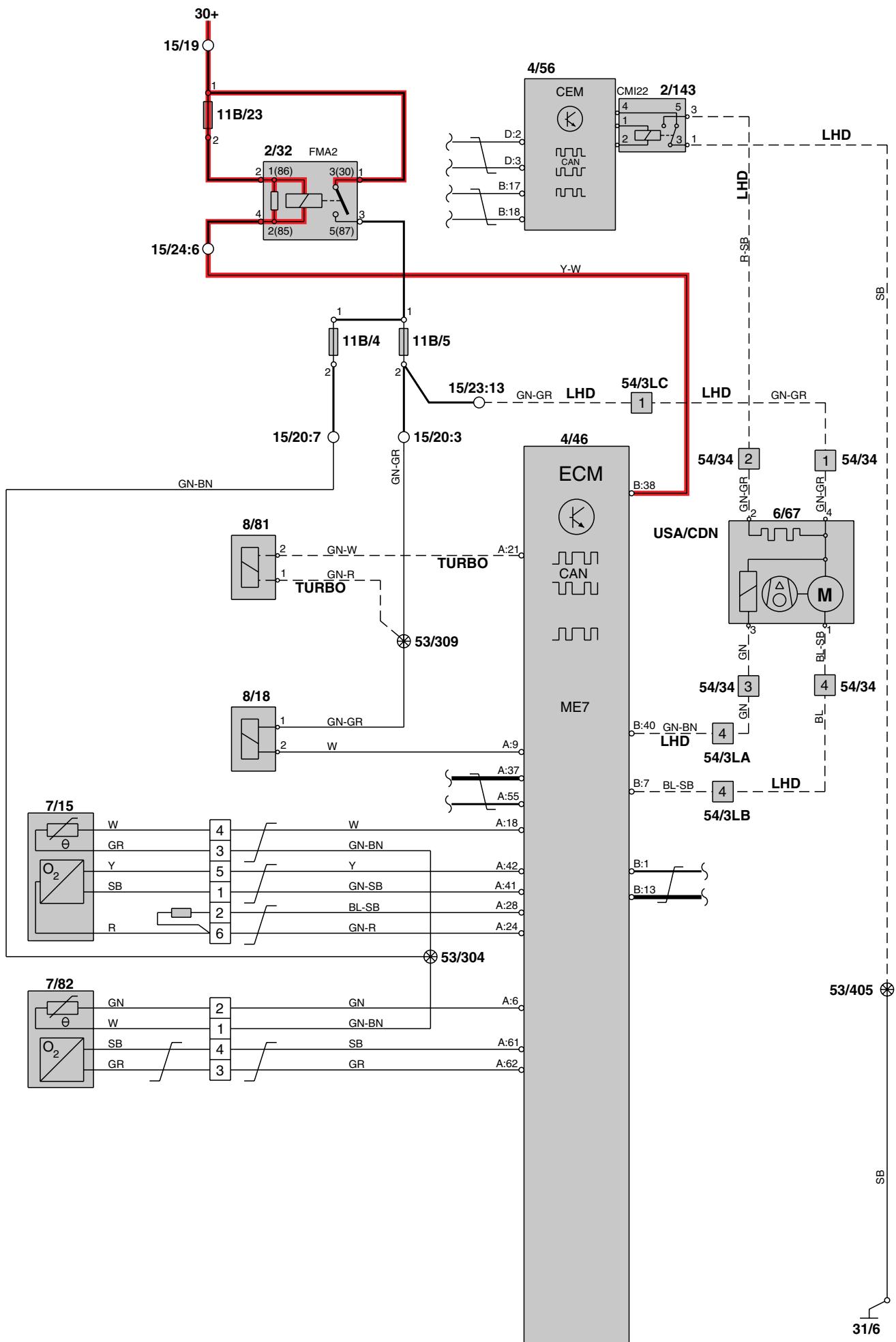
Engine management system, Diesel



Emission control Denso

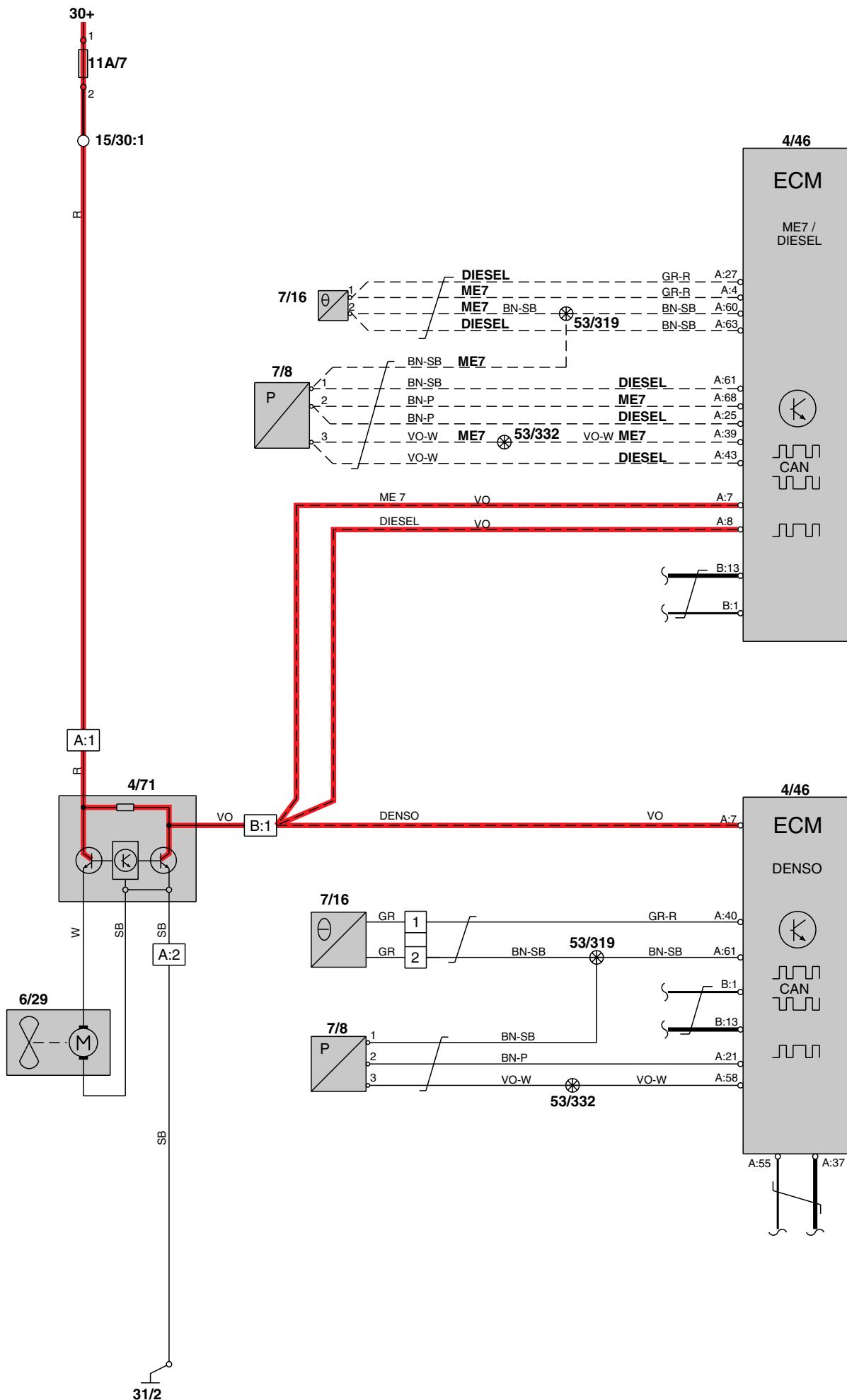


Emission control ME7

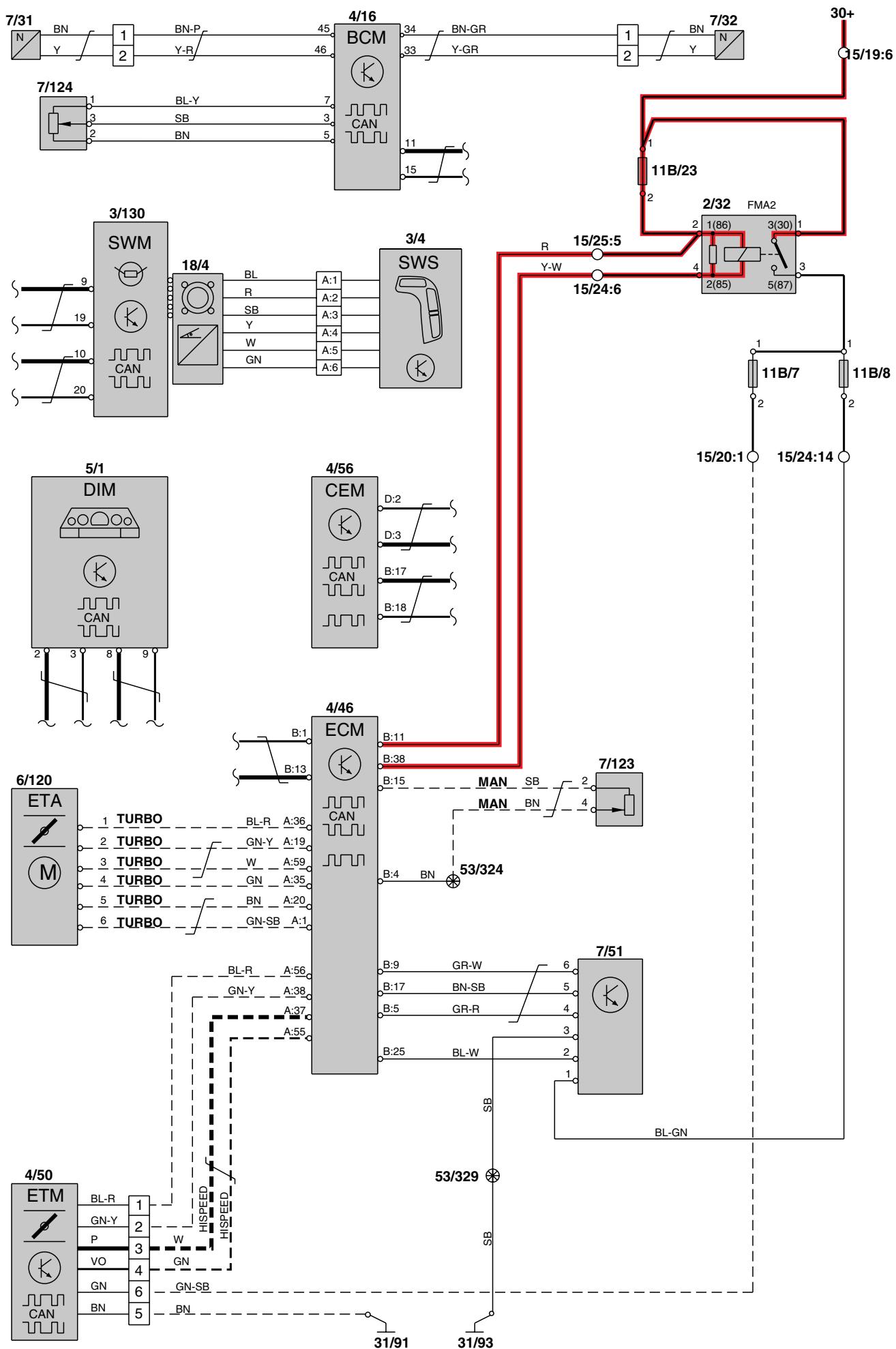


Group 26

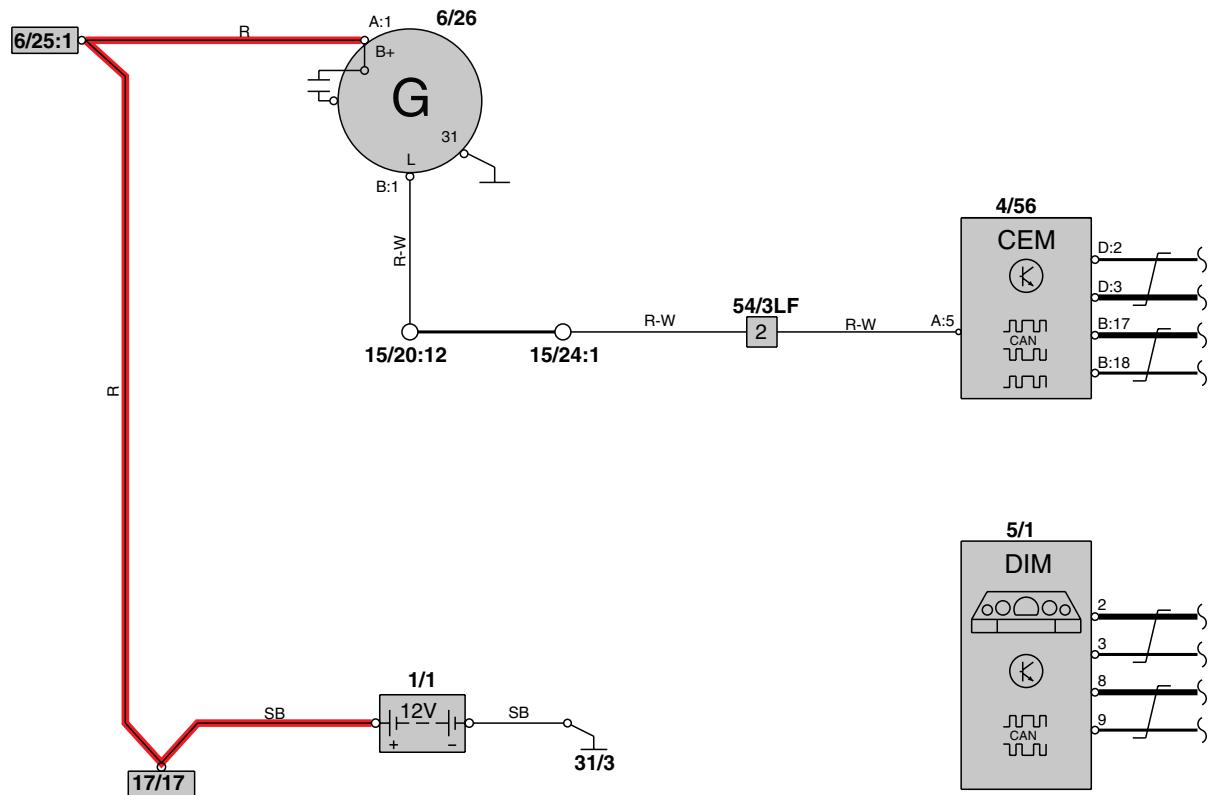
Electric cooling fan



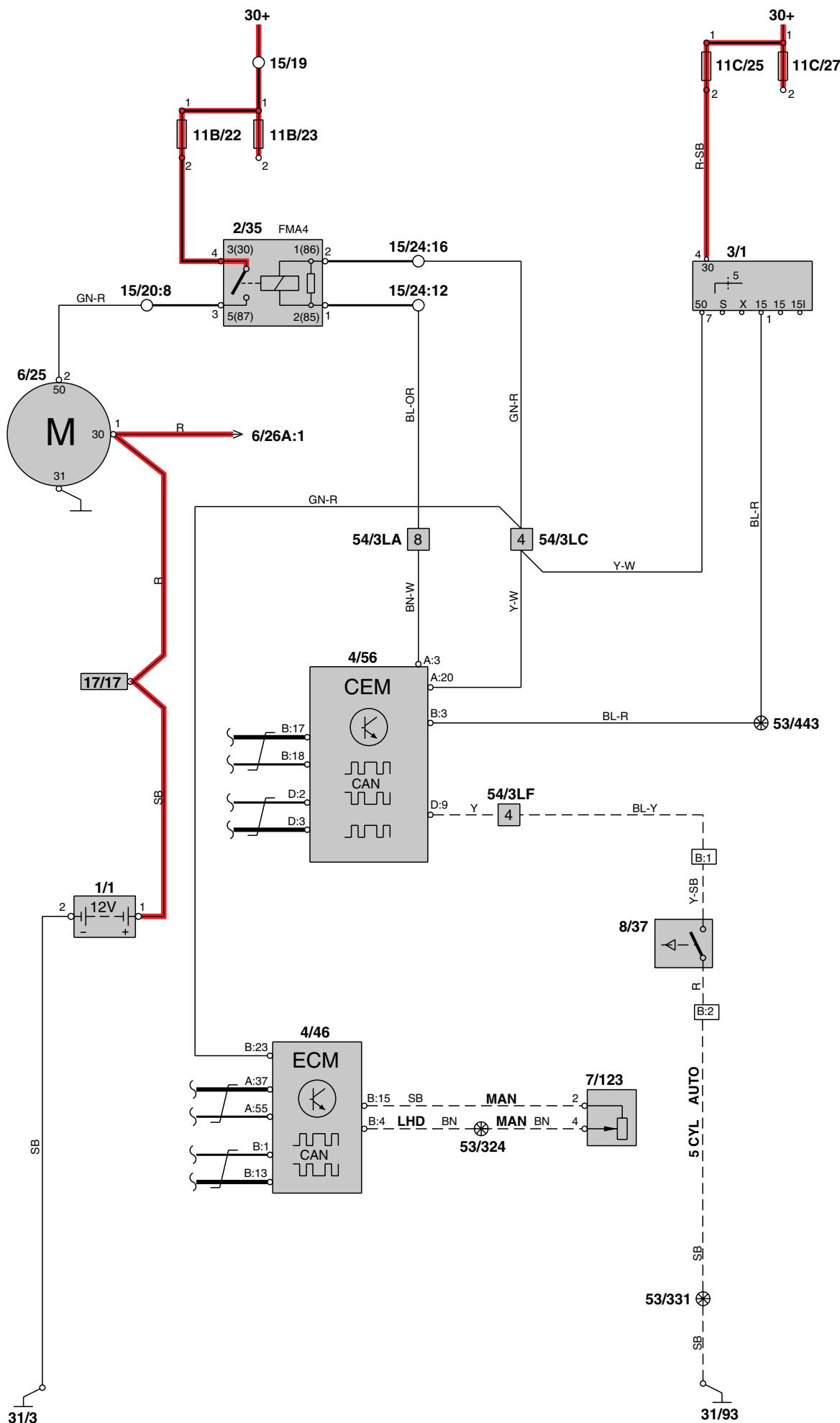
Group 27
Cruise control



Group 32
Power supply

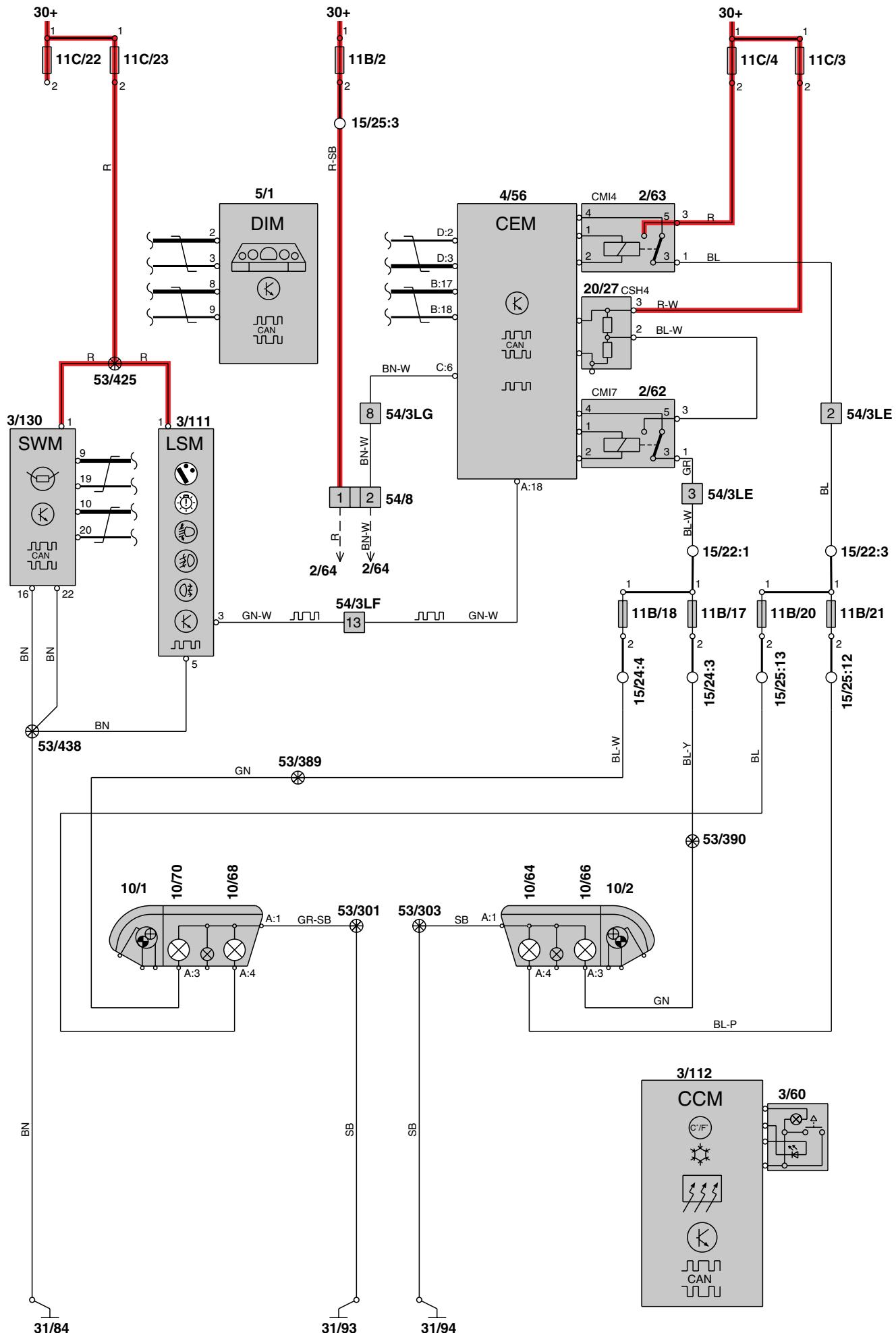


Group 33
Starting system

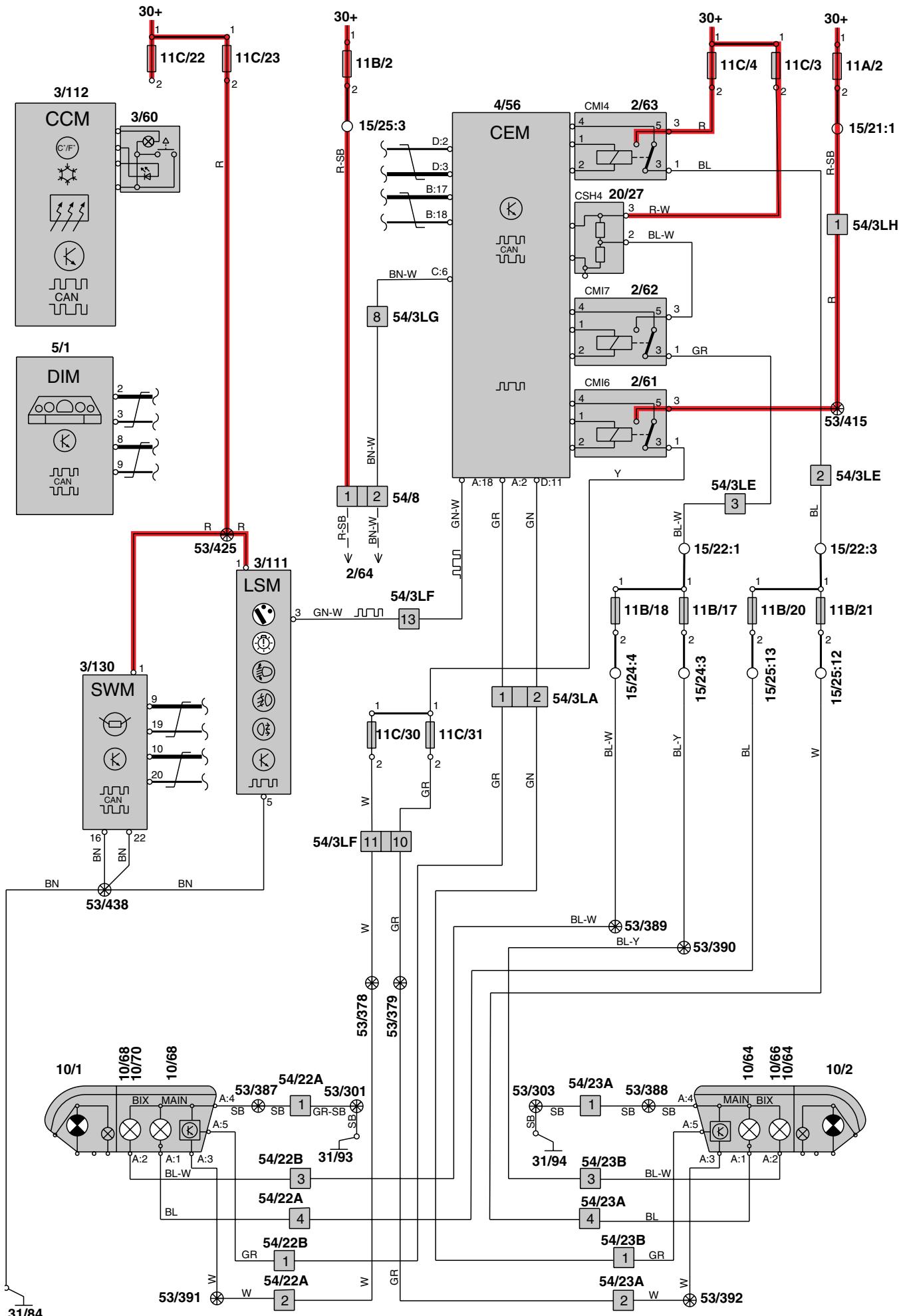


Group 35

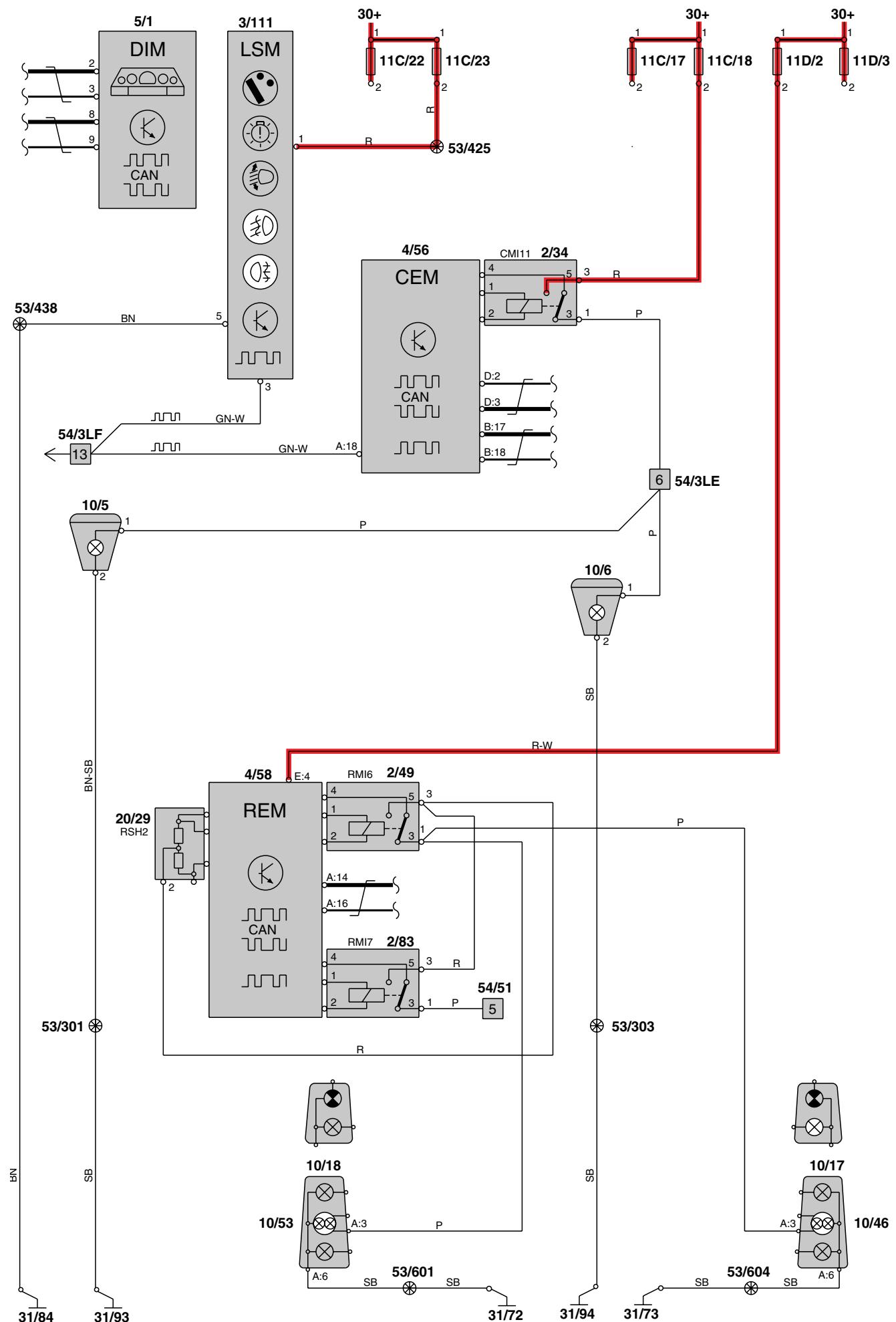
High beam, low beam, and auxiliary light wiring



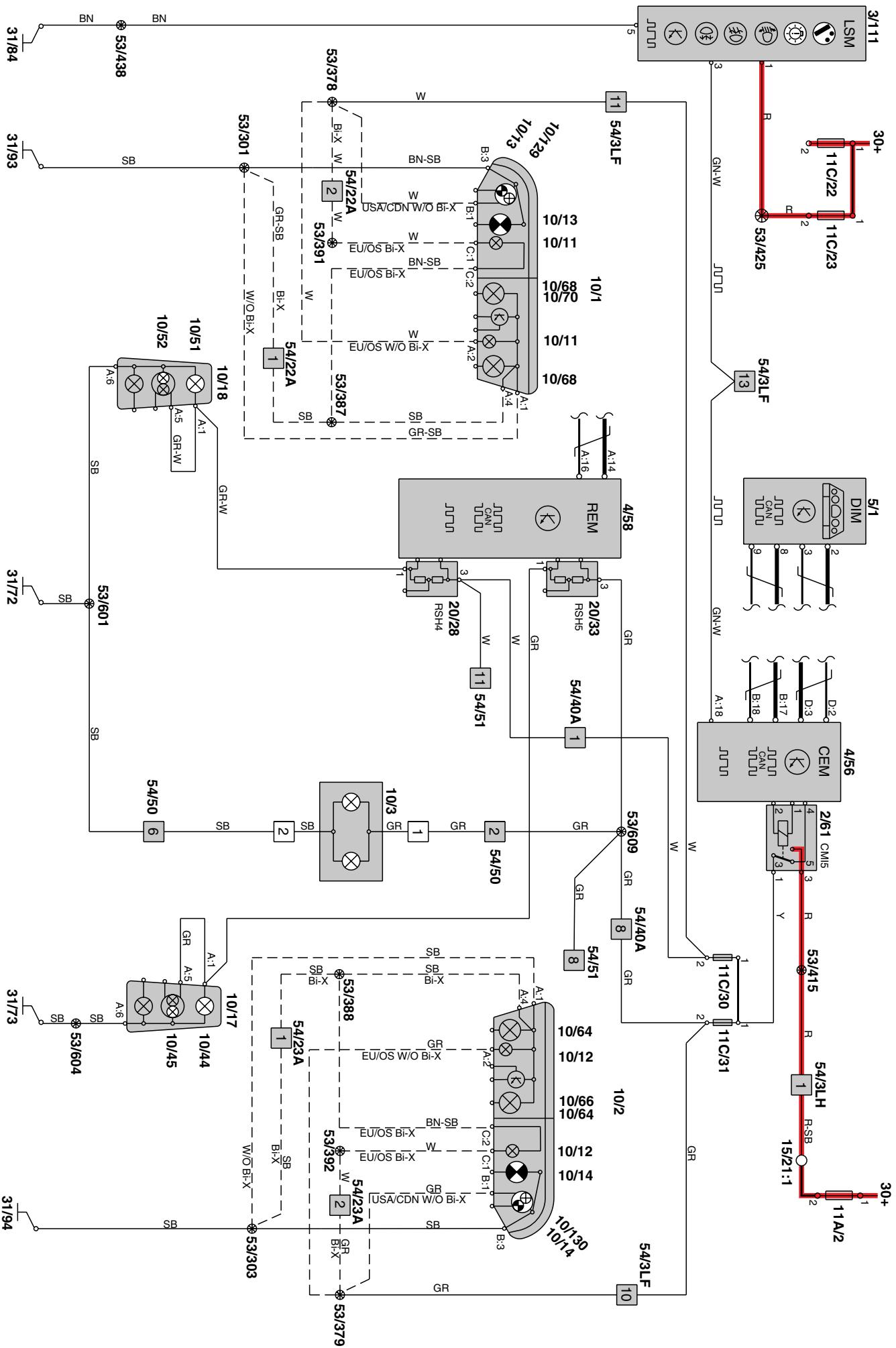
High beam, low beam and auxiliary light wiring Bi-Xenon



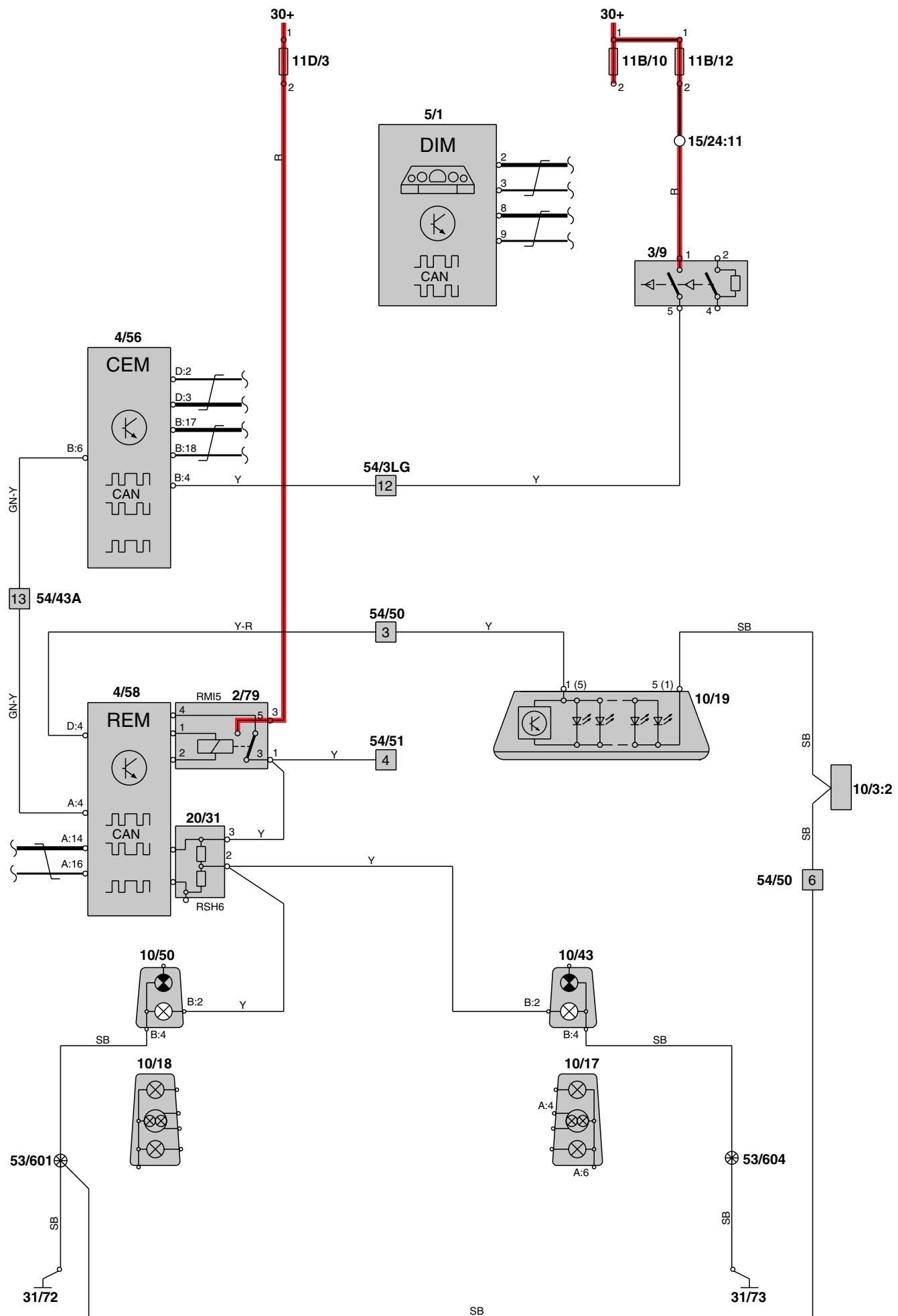
Fog light



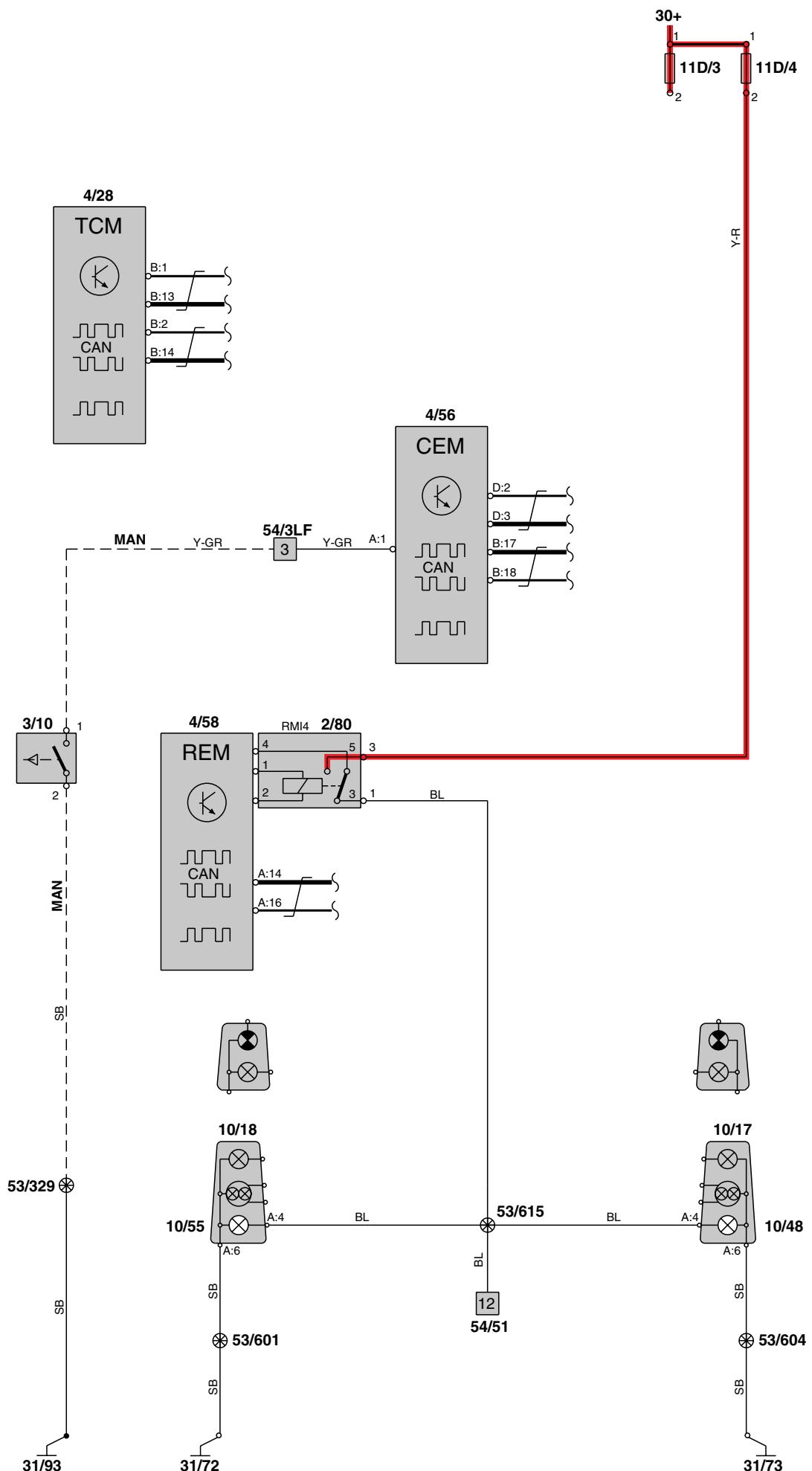
Parking lights, tail lights and license plate lighting



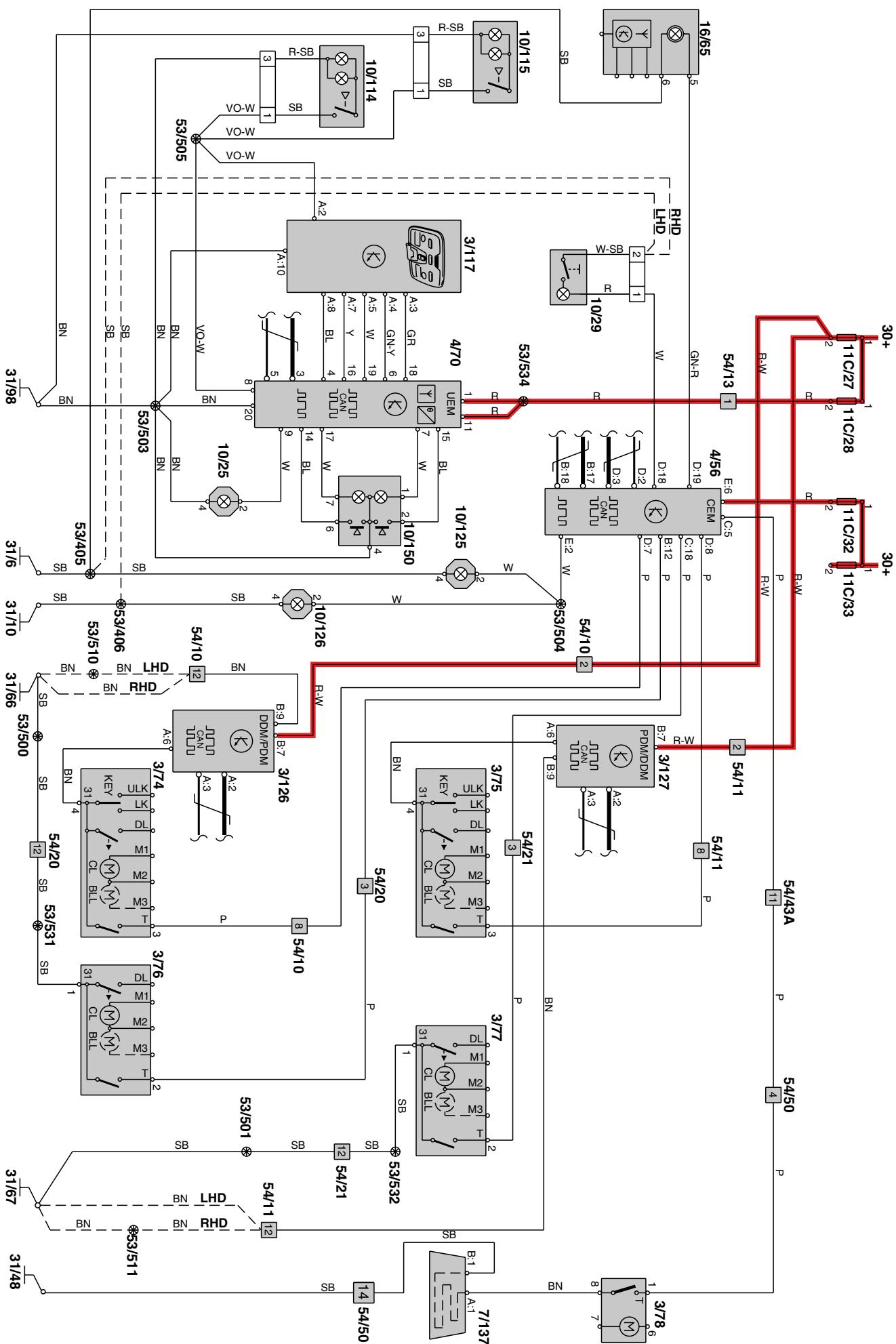
Brake lights



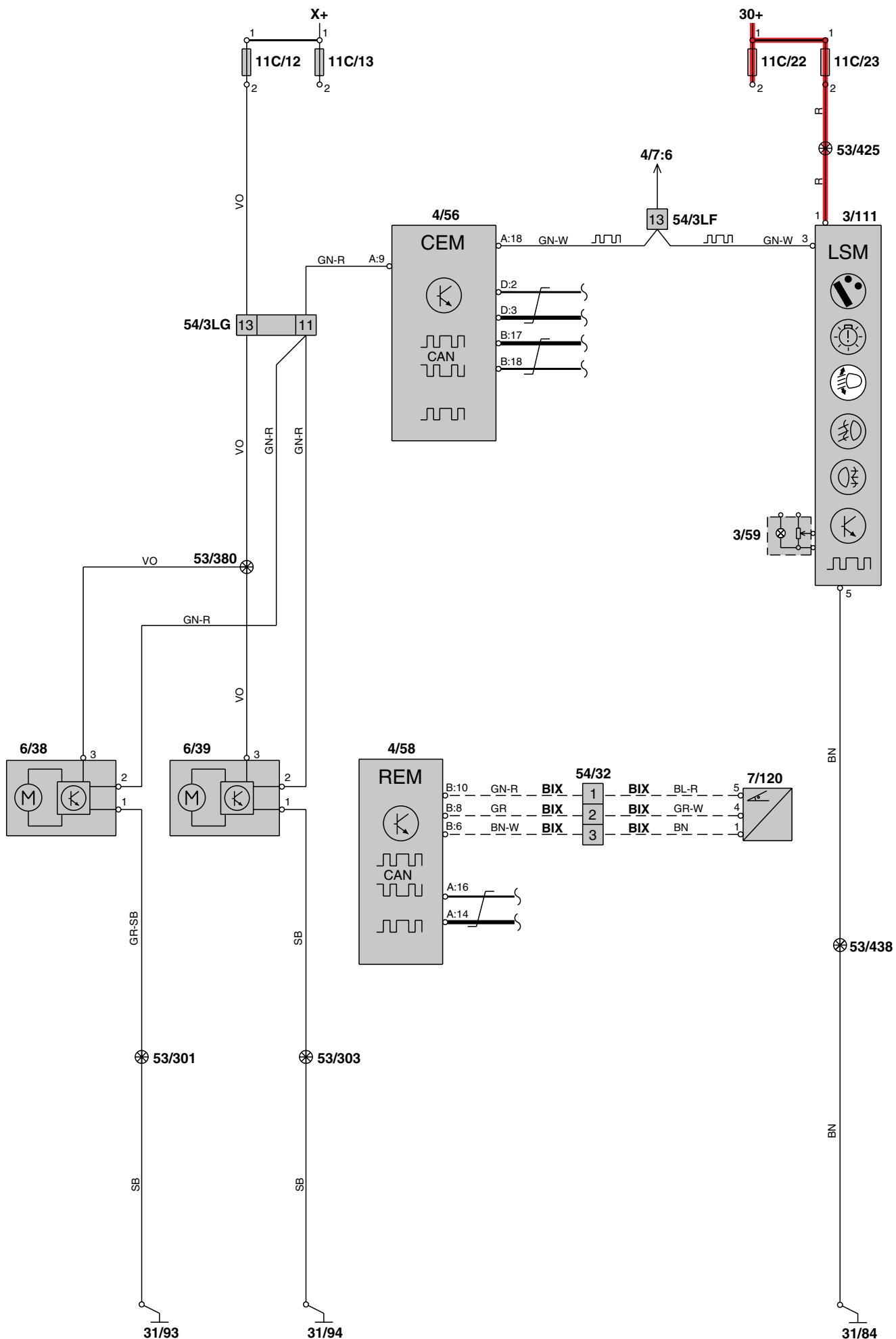
Reversing lights



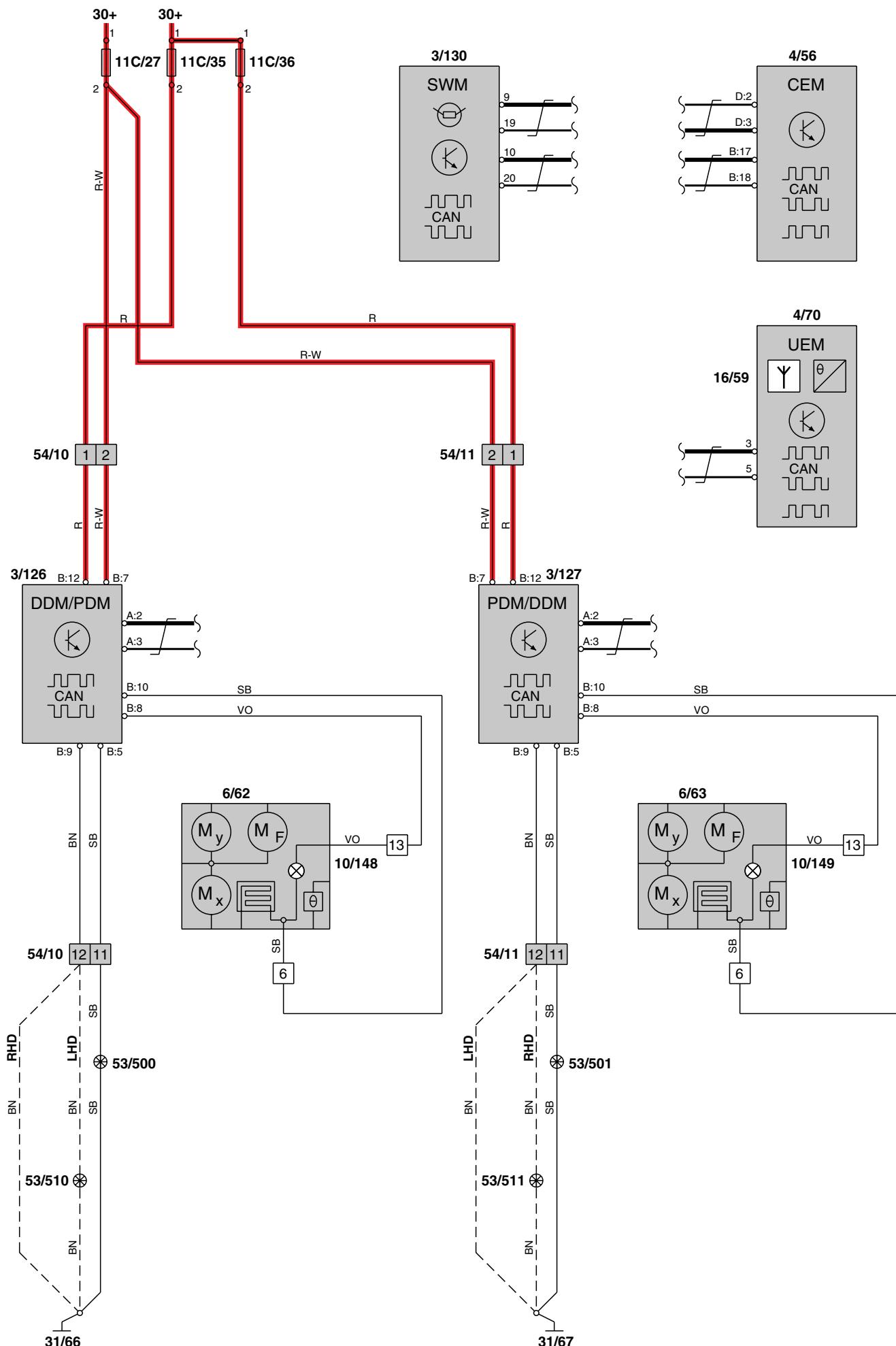
Interior lighting



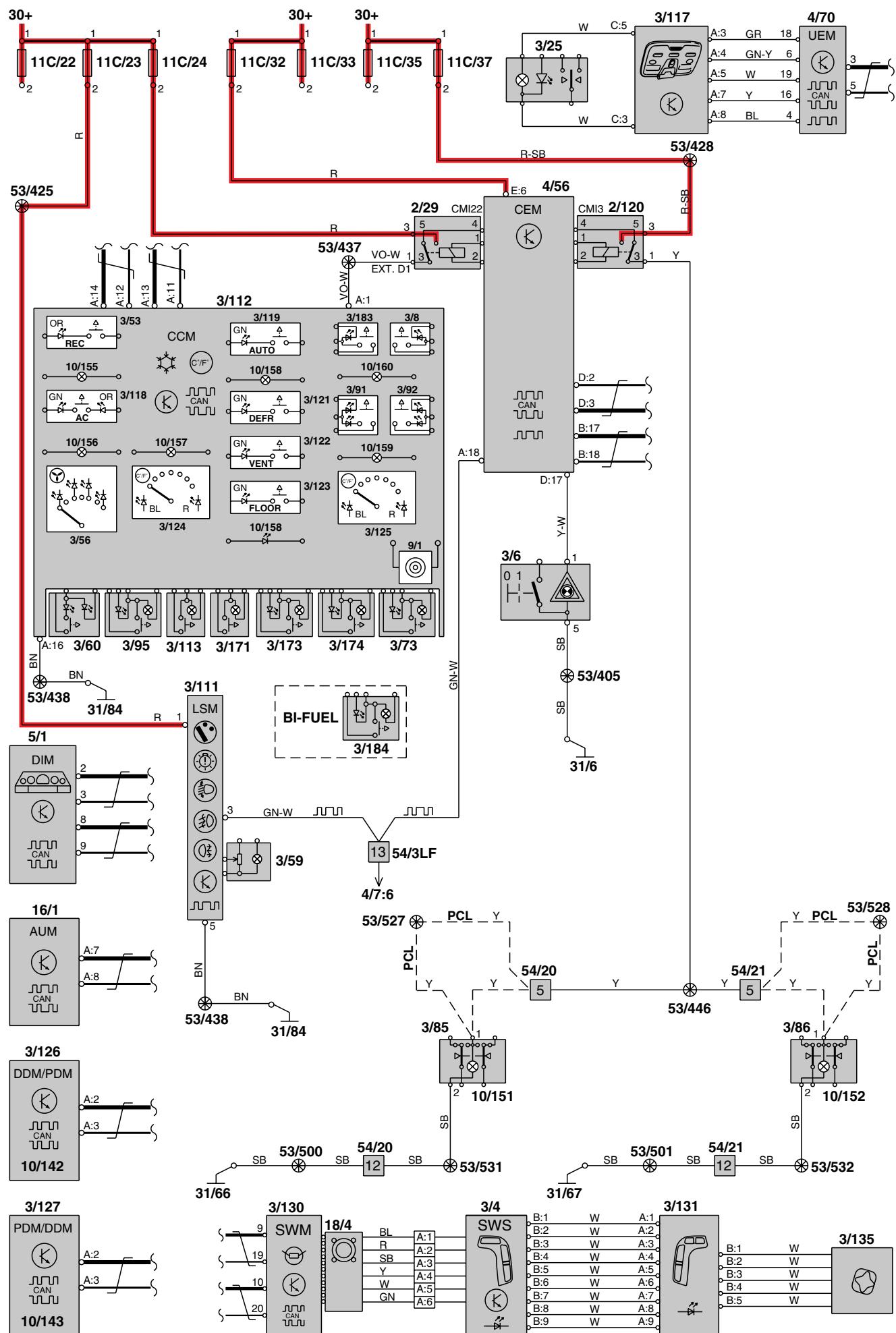
Beam length adjustment



Safety lighting

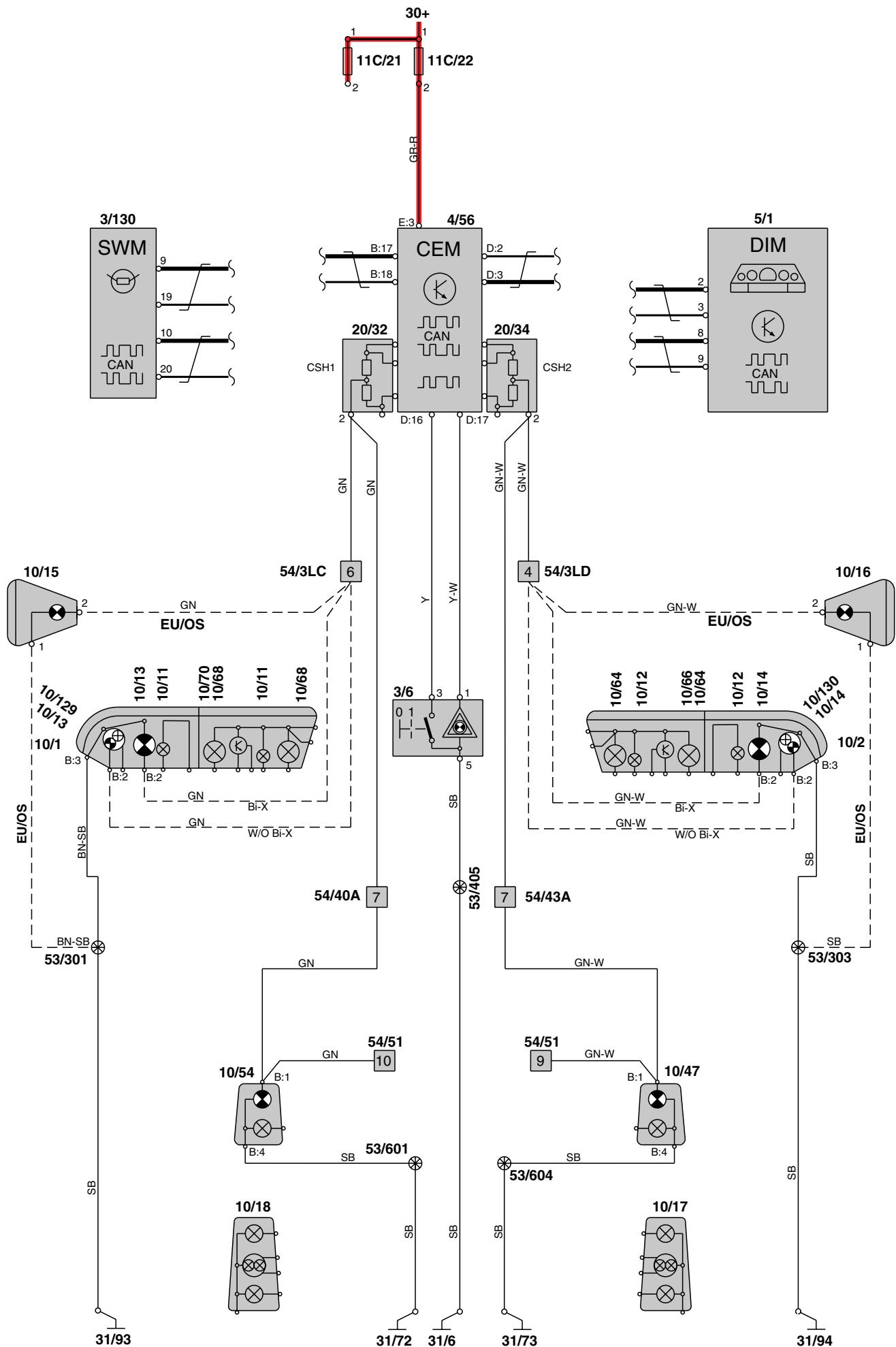


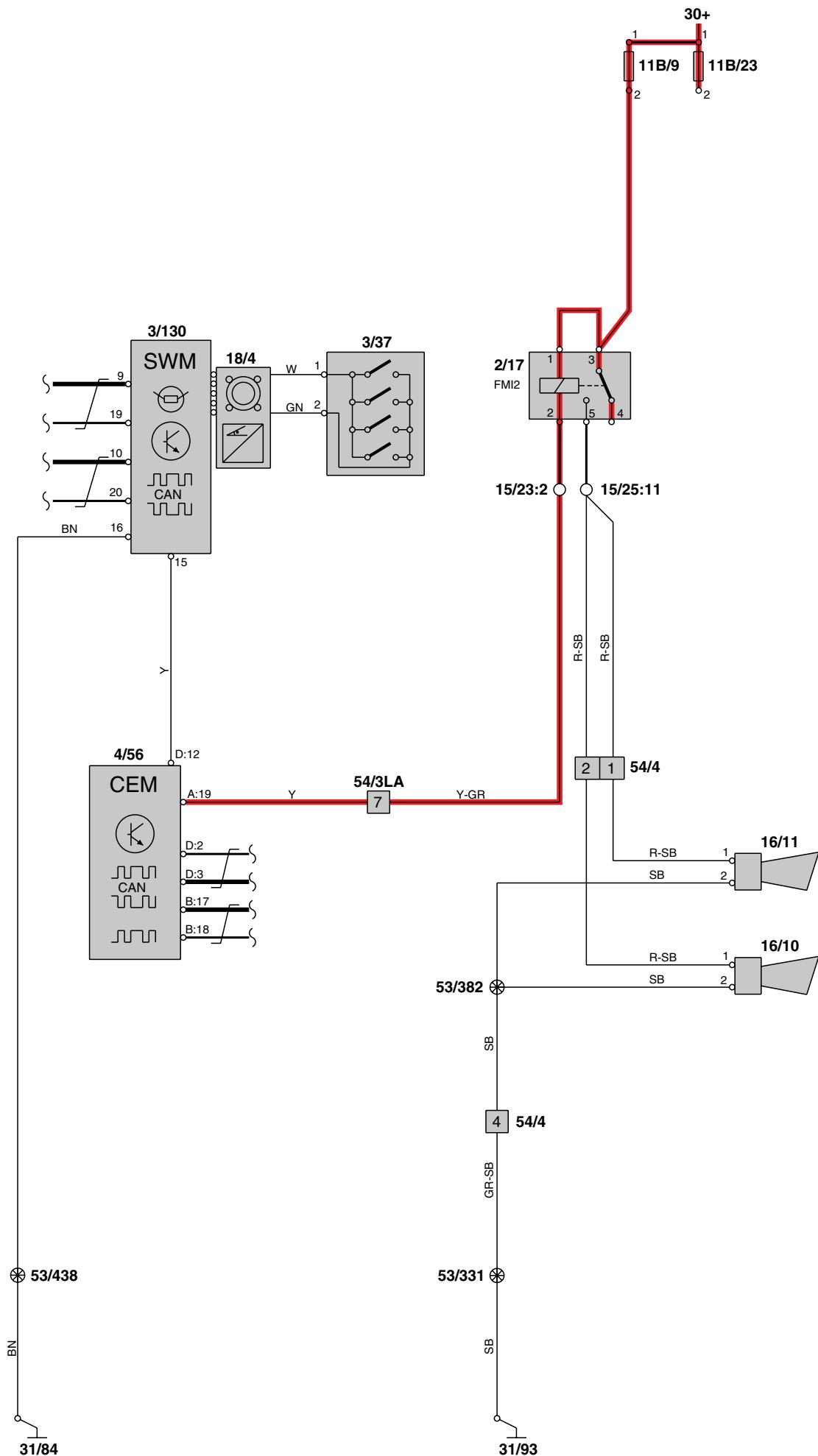
Instrument and control lighting



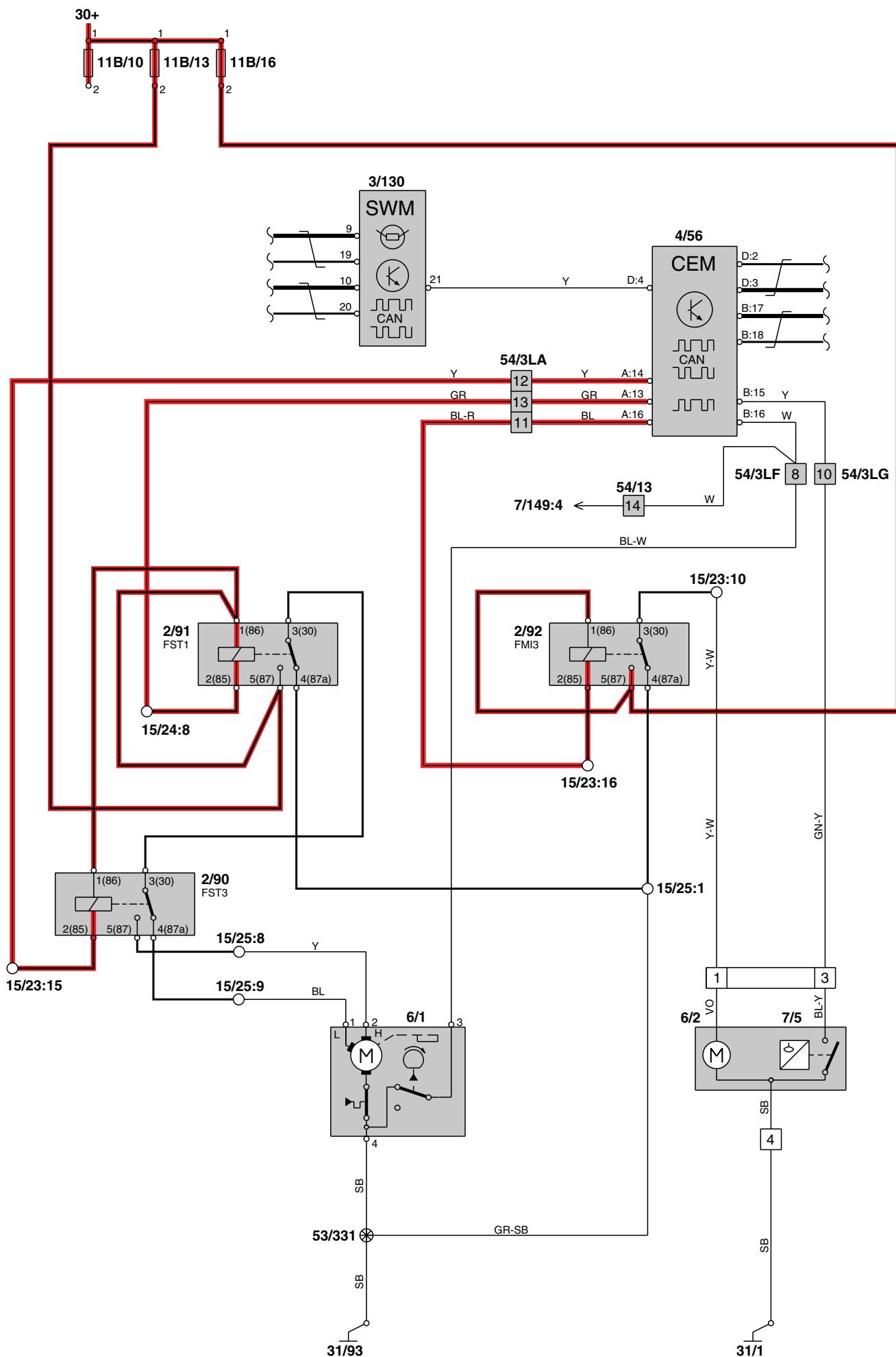
Group 36

Indicators and warning lights

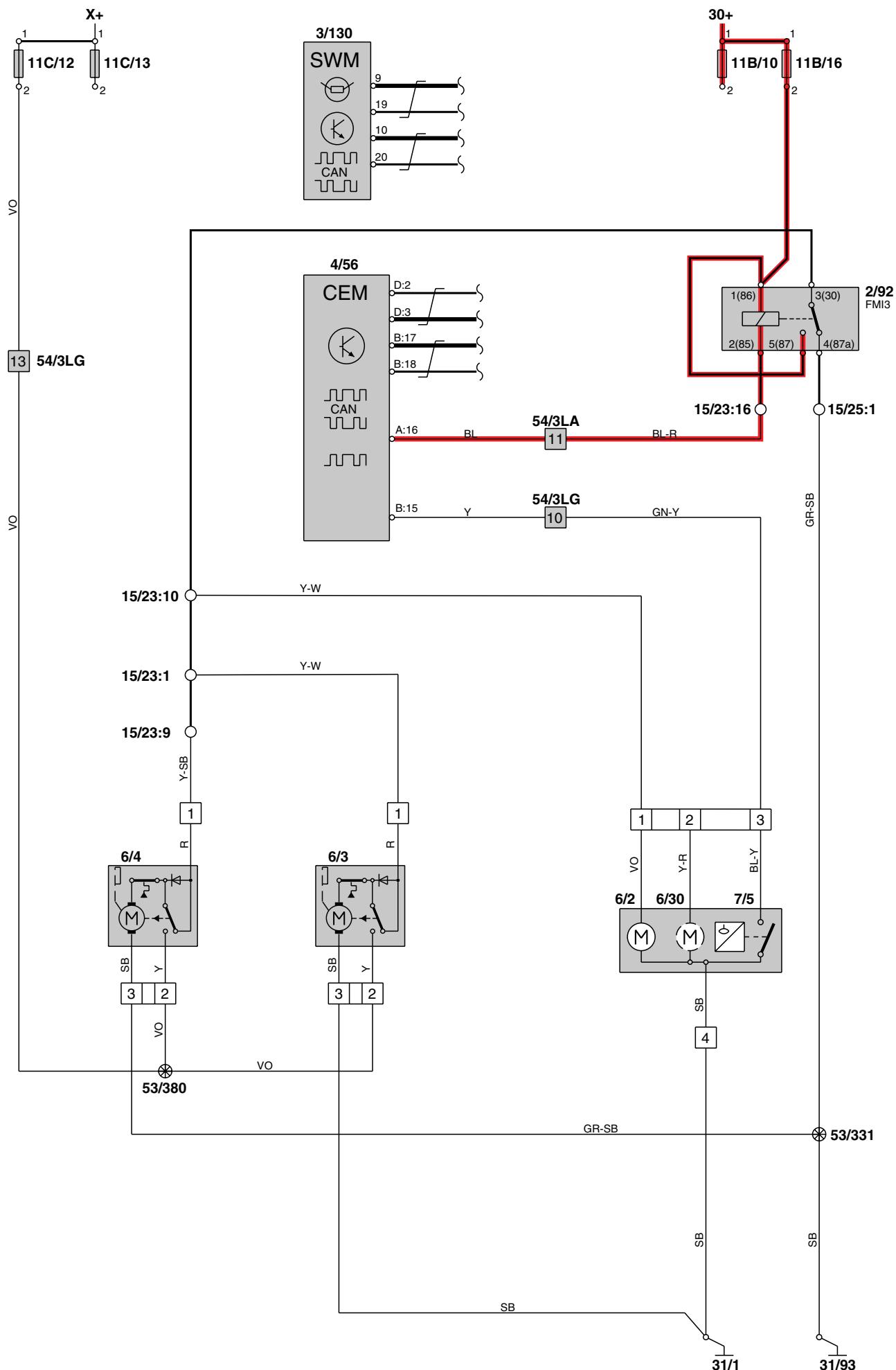




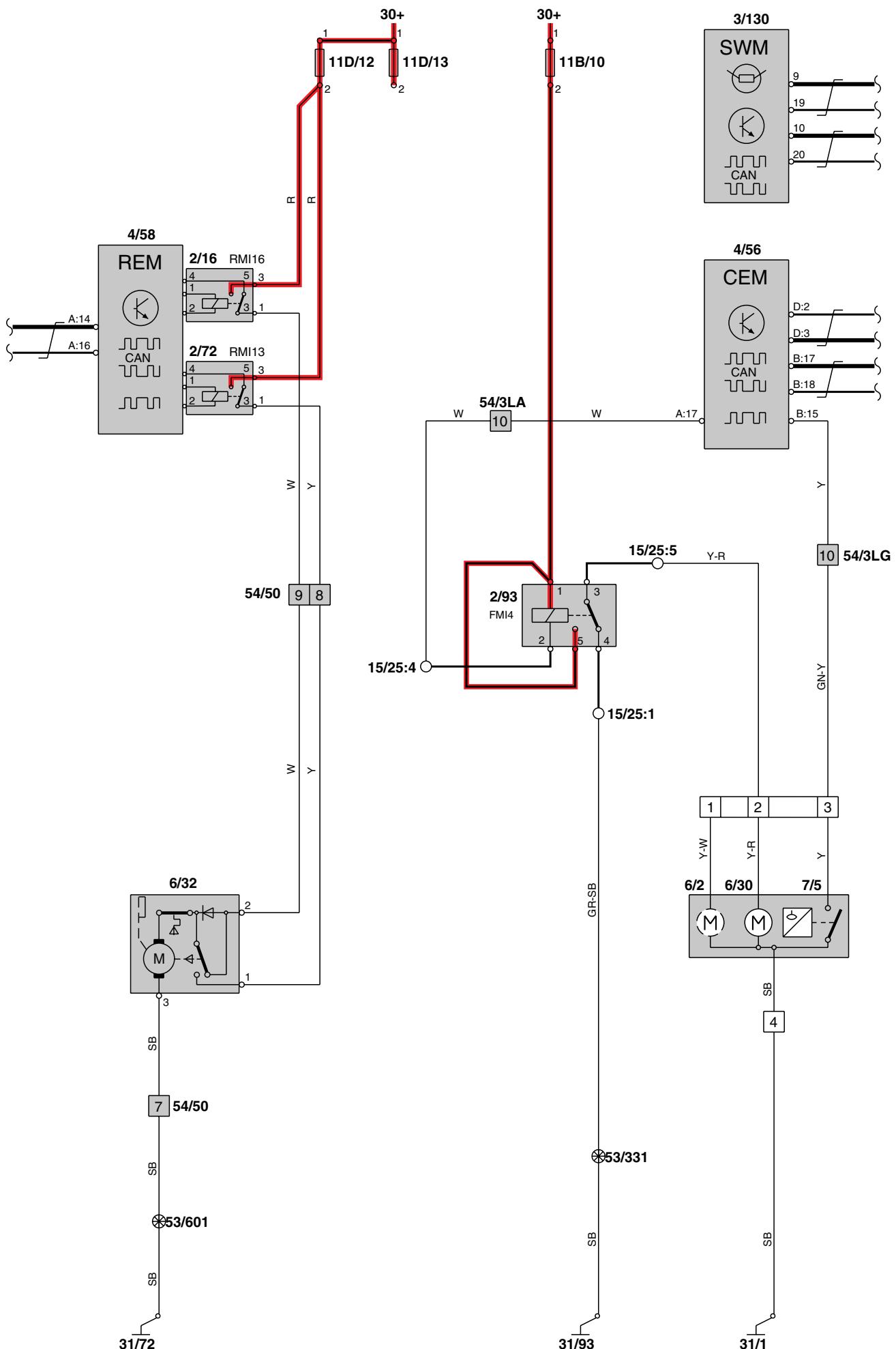
Wiper/Washer, Windshield



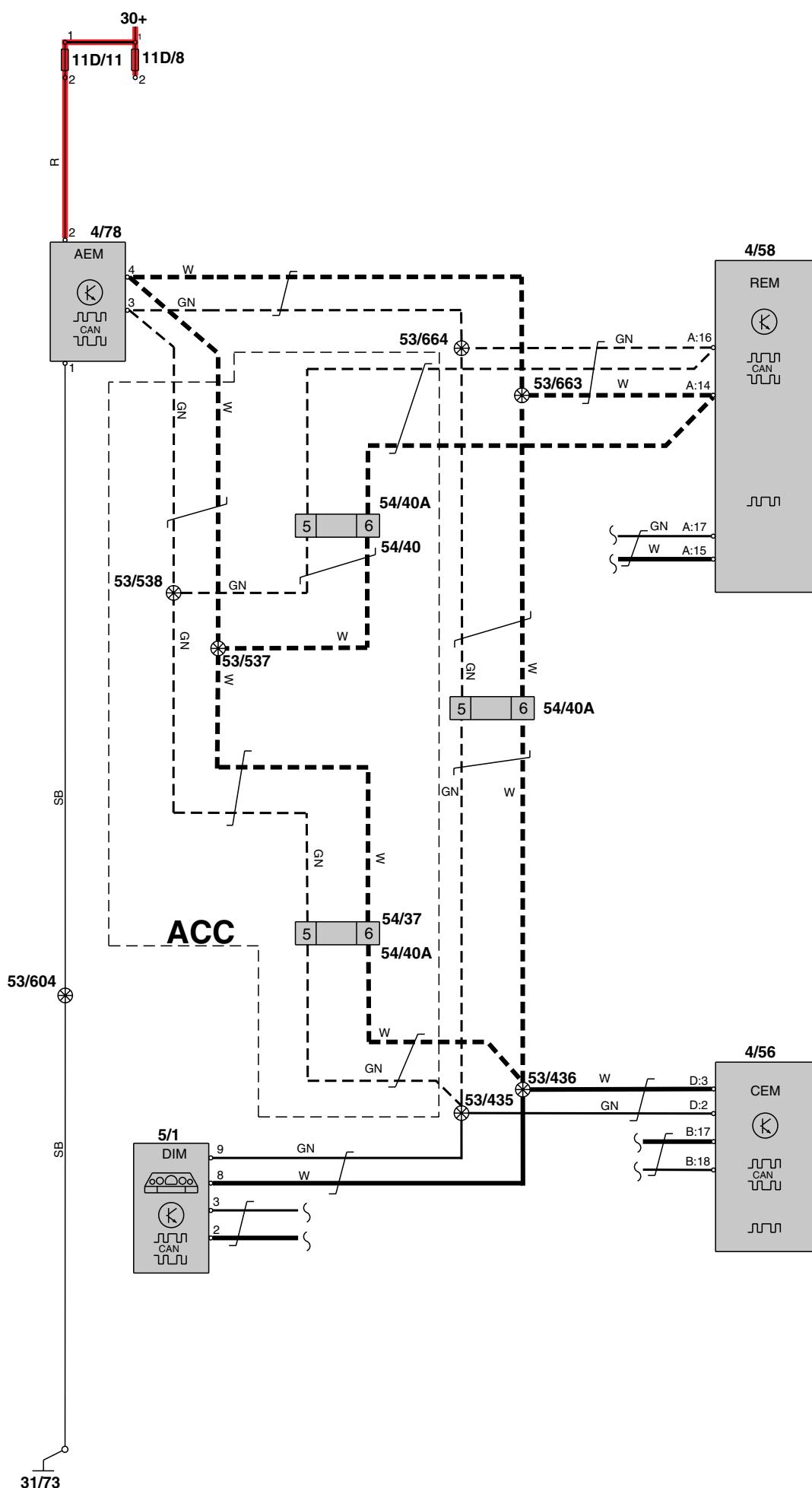
Wiper/Washer, Headlights



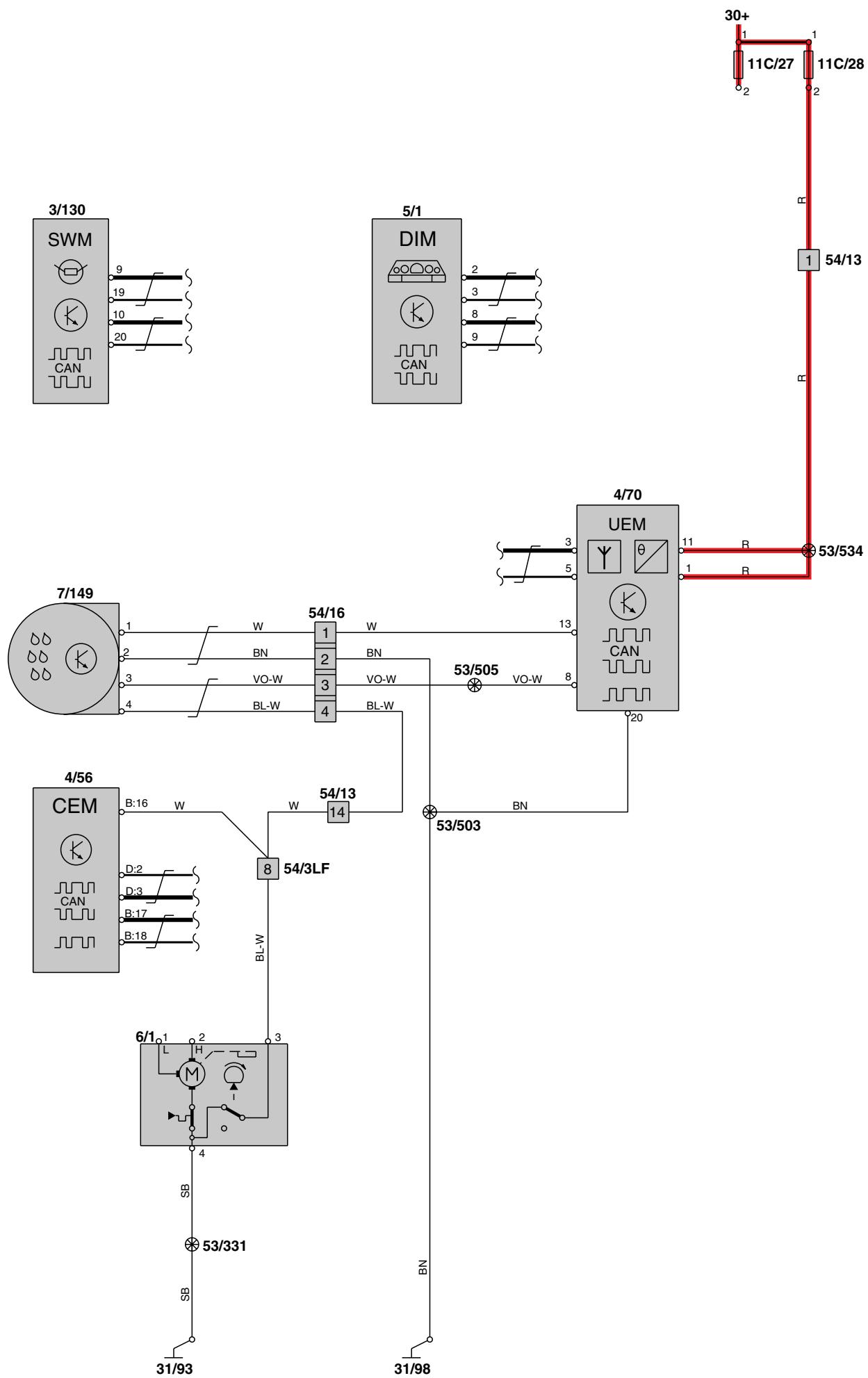
Wipers/washers, Rear window



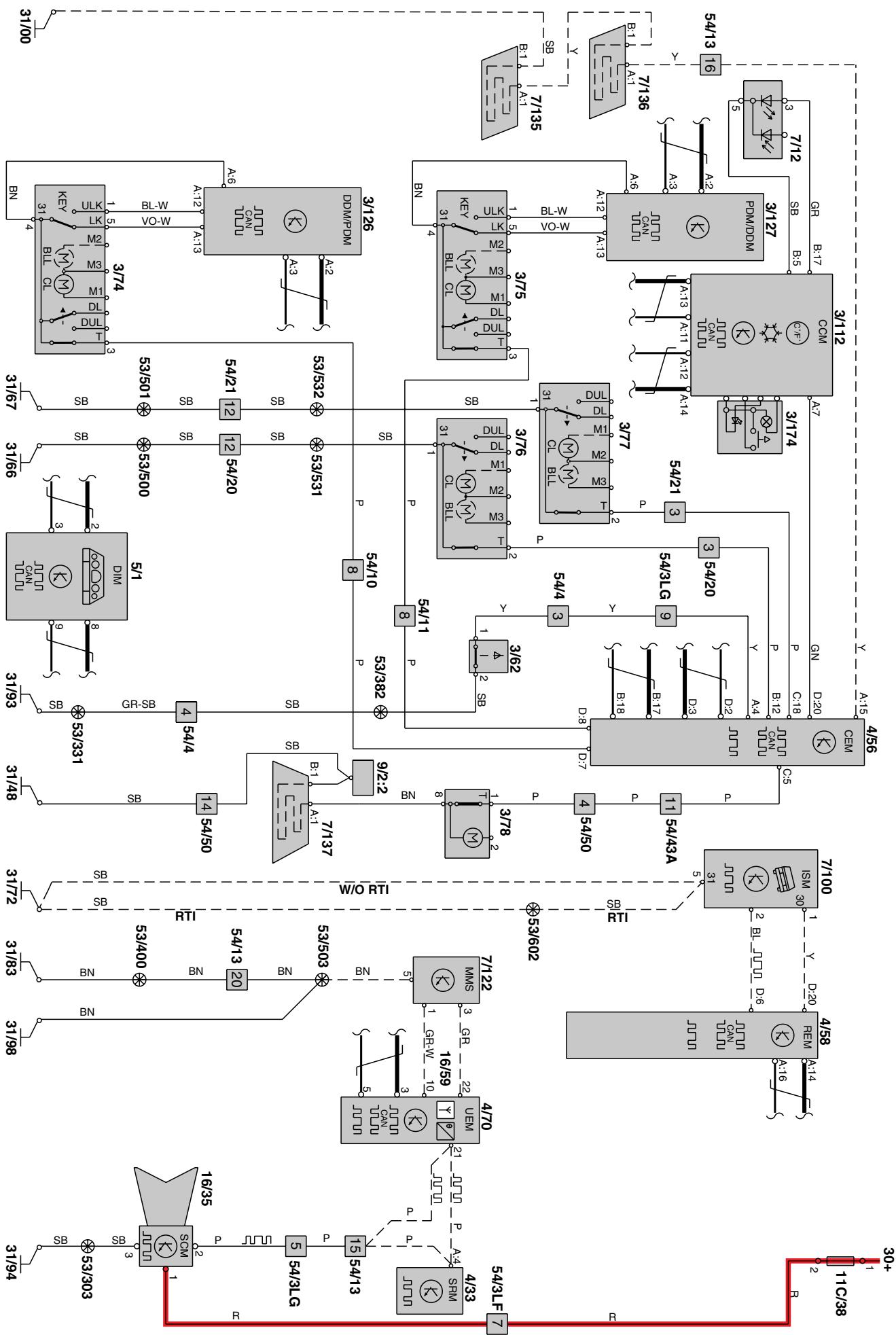
Control module, electronic accessories



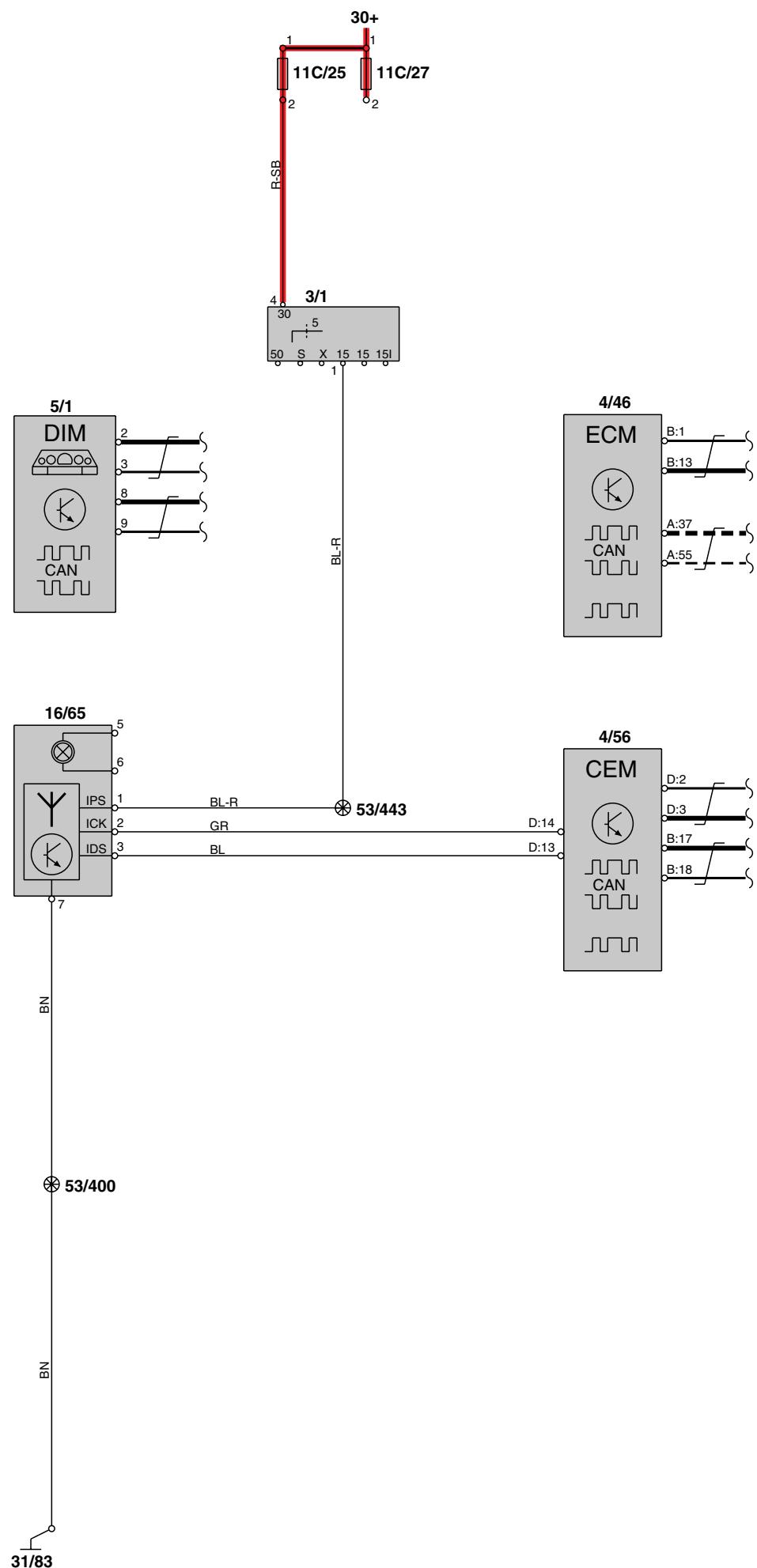
Rain sensor



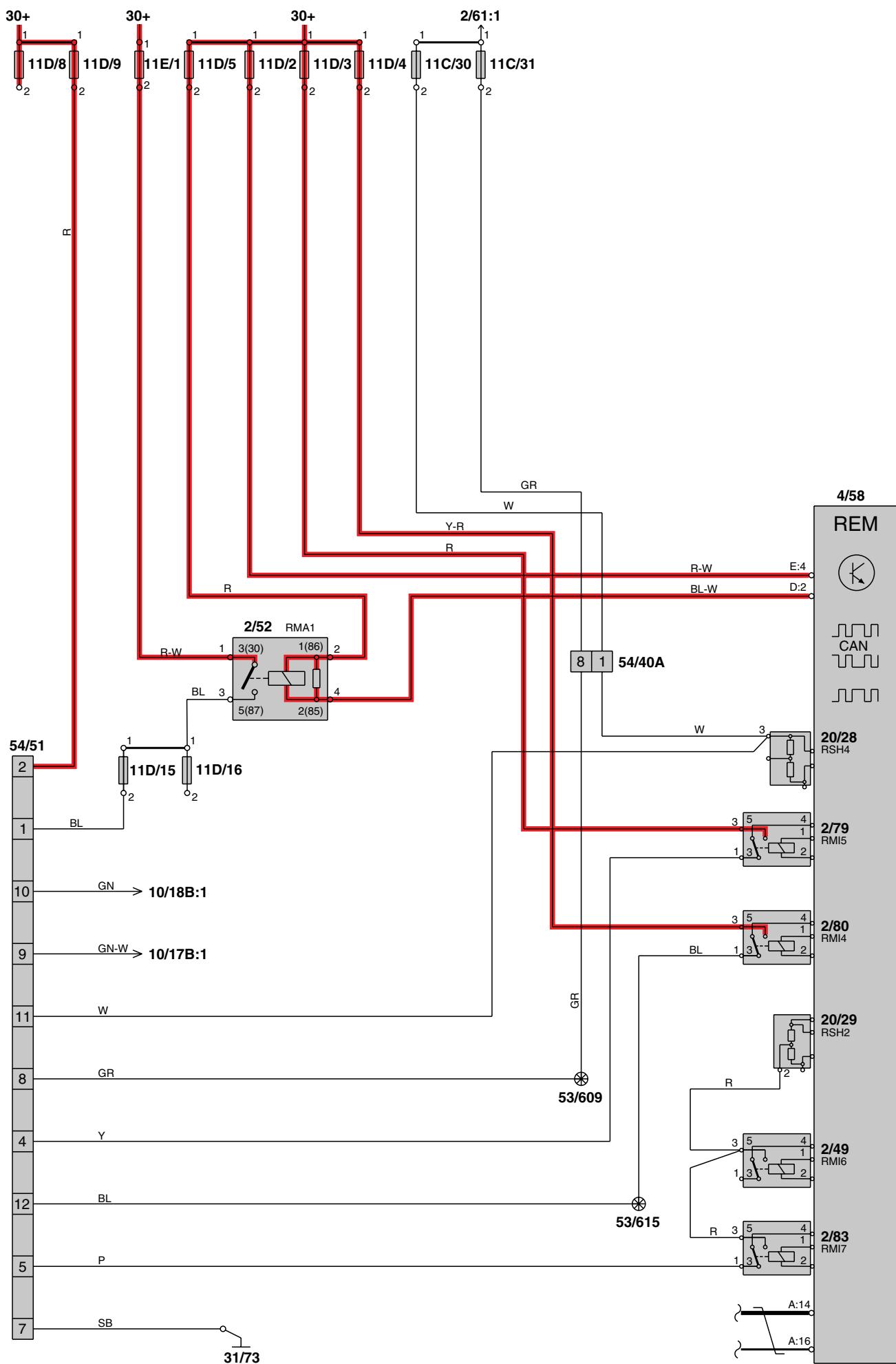
Anti-theft alarm



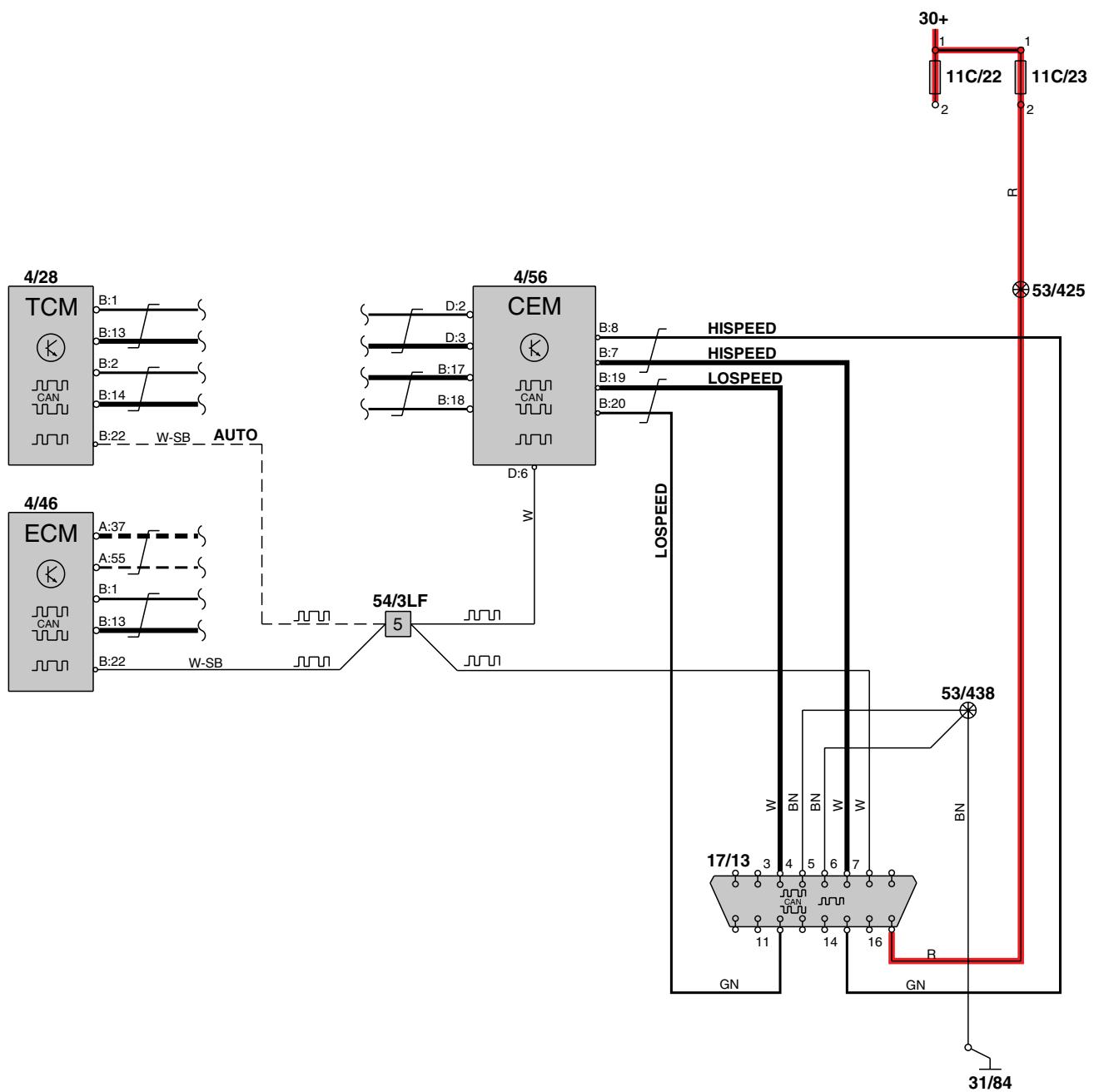
Electronic immobilizer

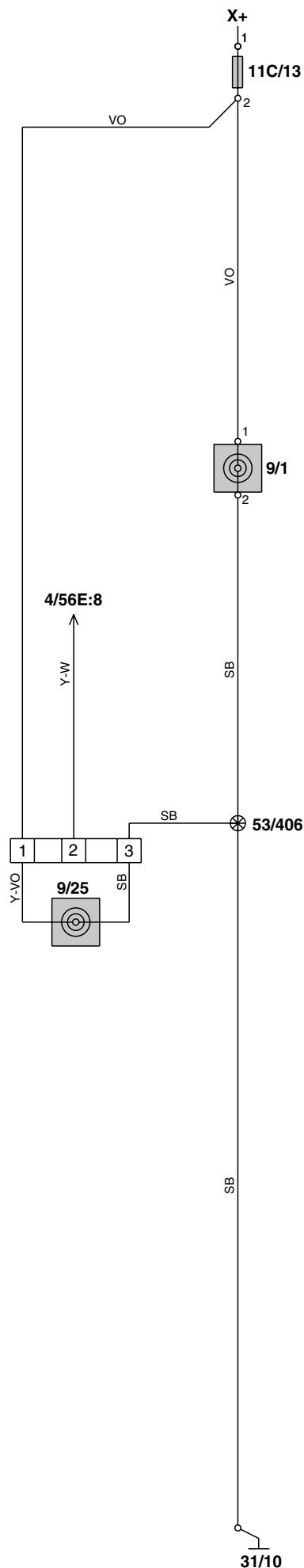


Group 37
Towing bracket wiring

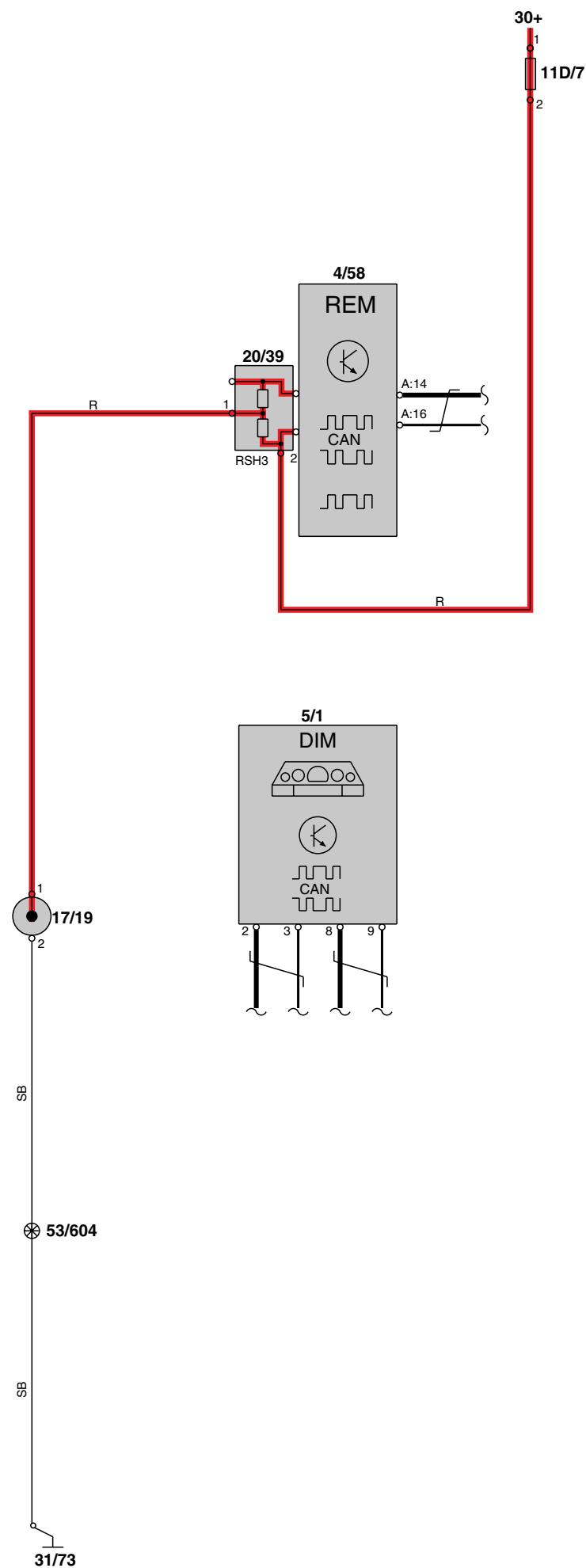


Diagnostics system

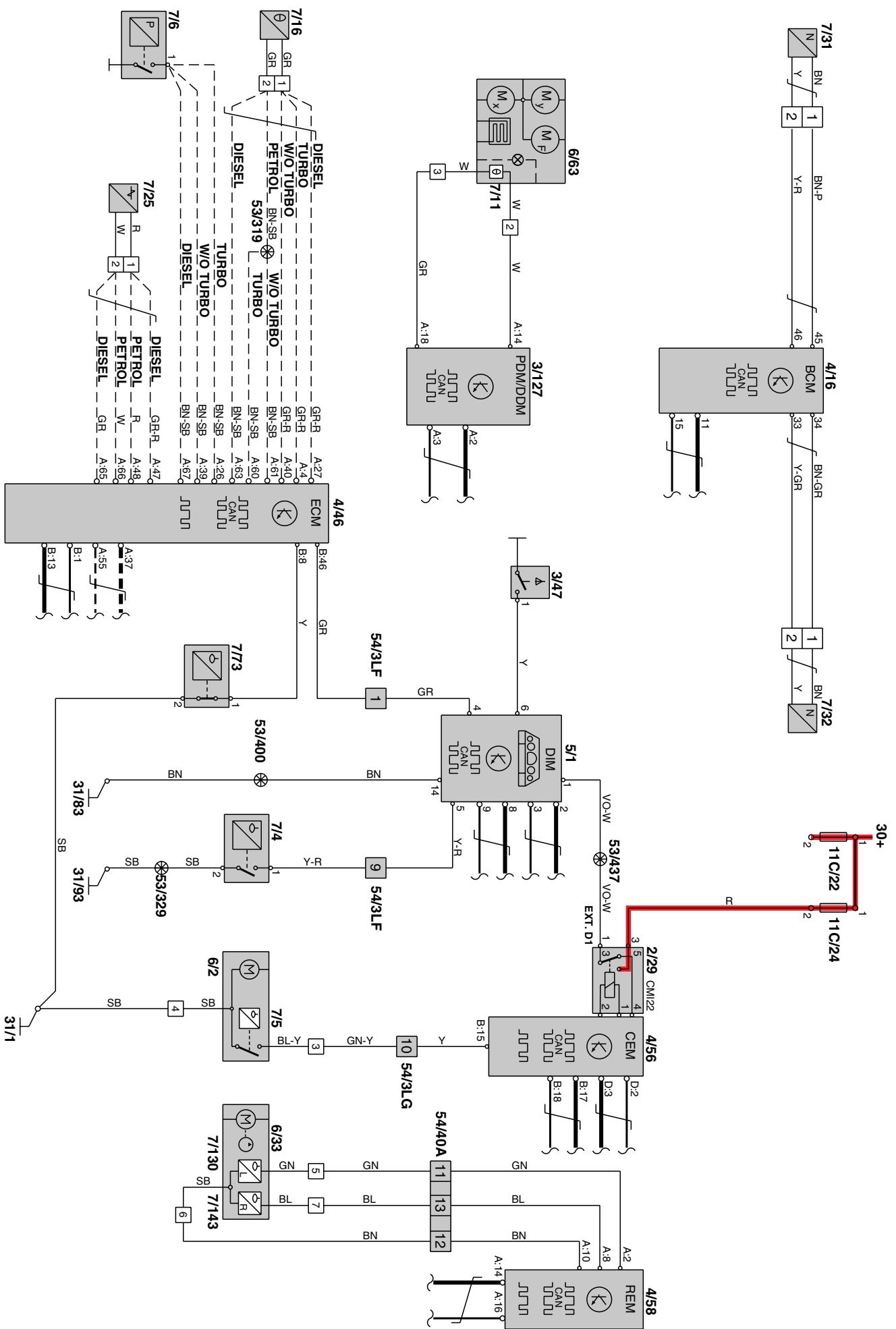




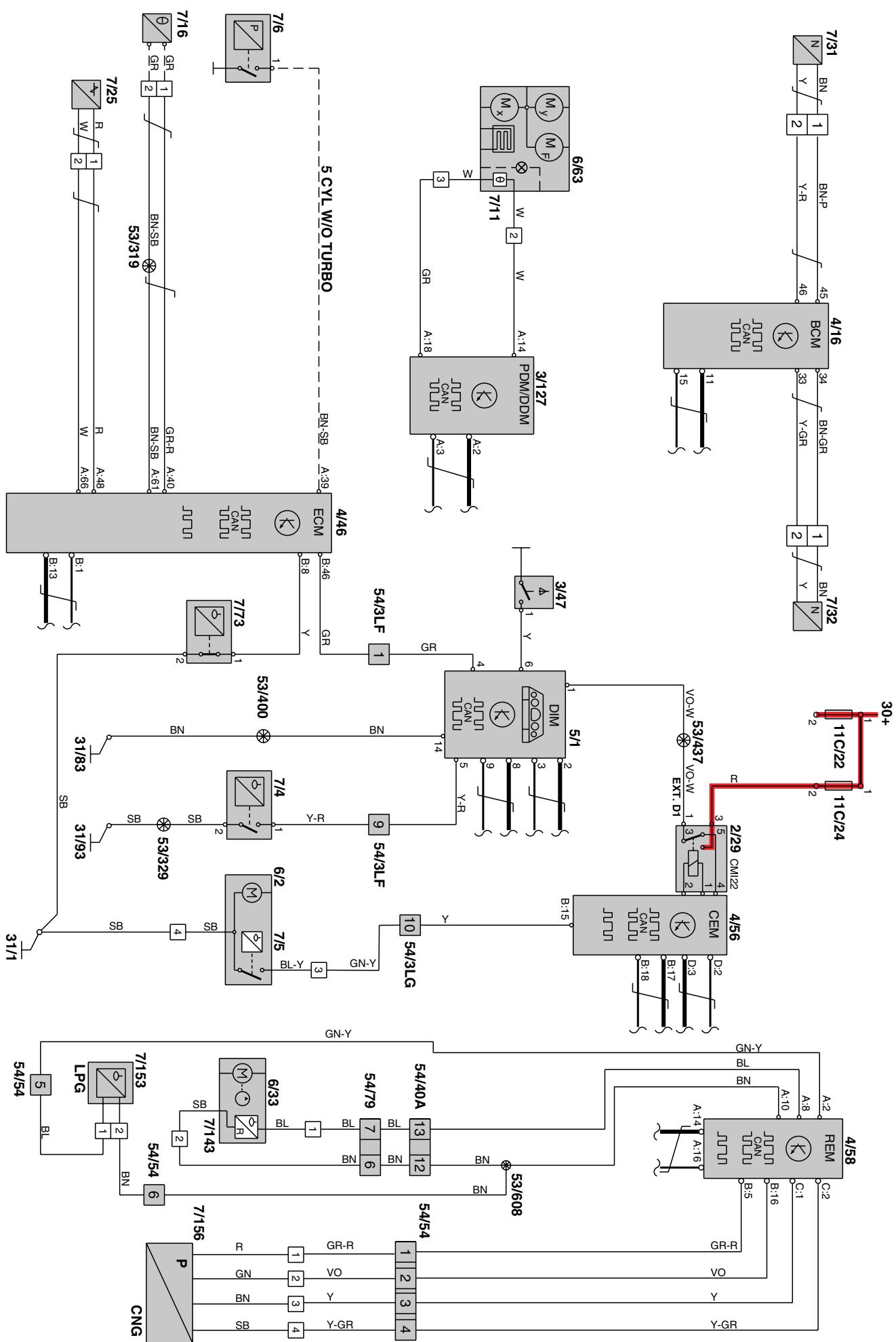
12V outlet, cargo compartment



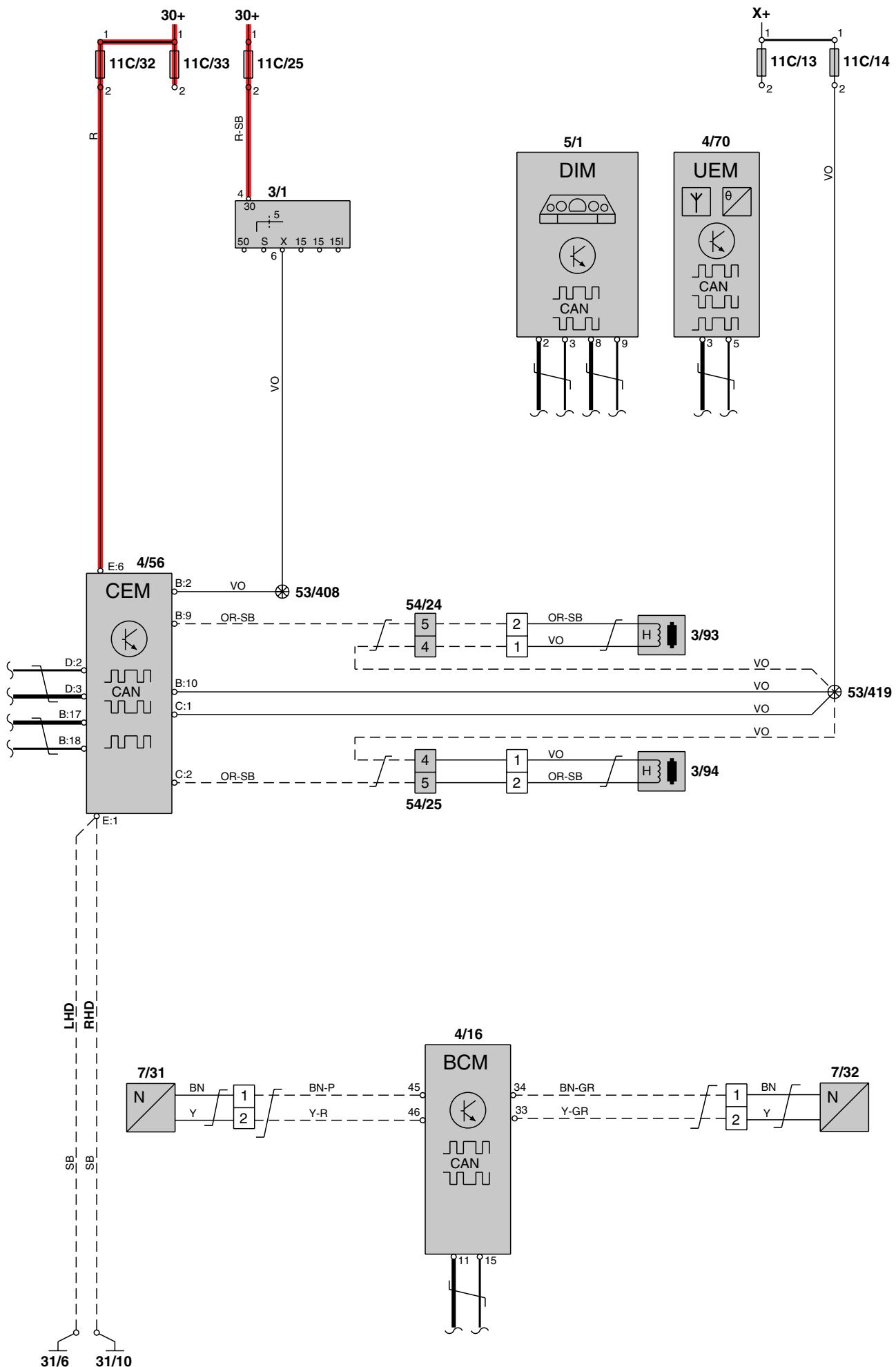
Group 38



Combined instrument panel, Bifuel

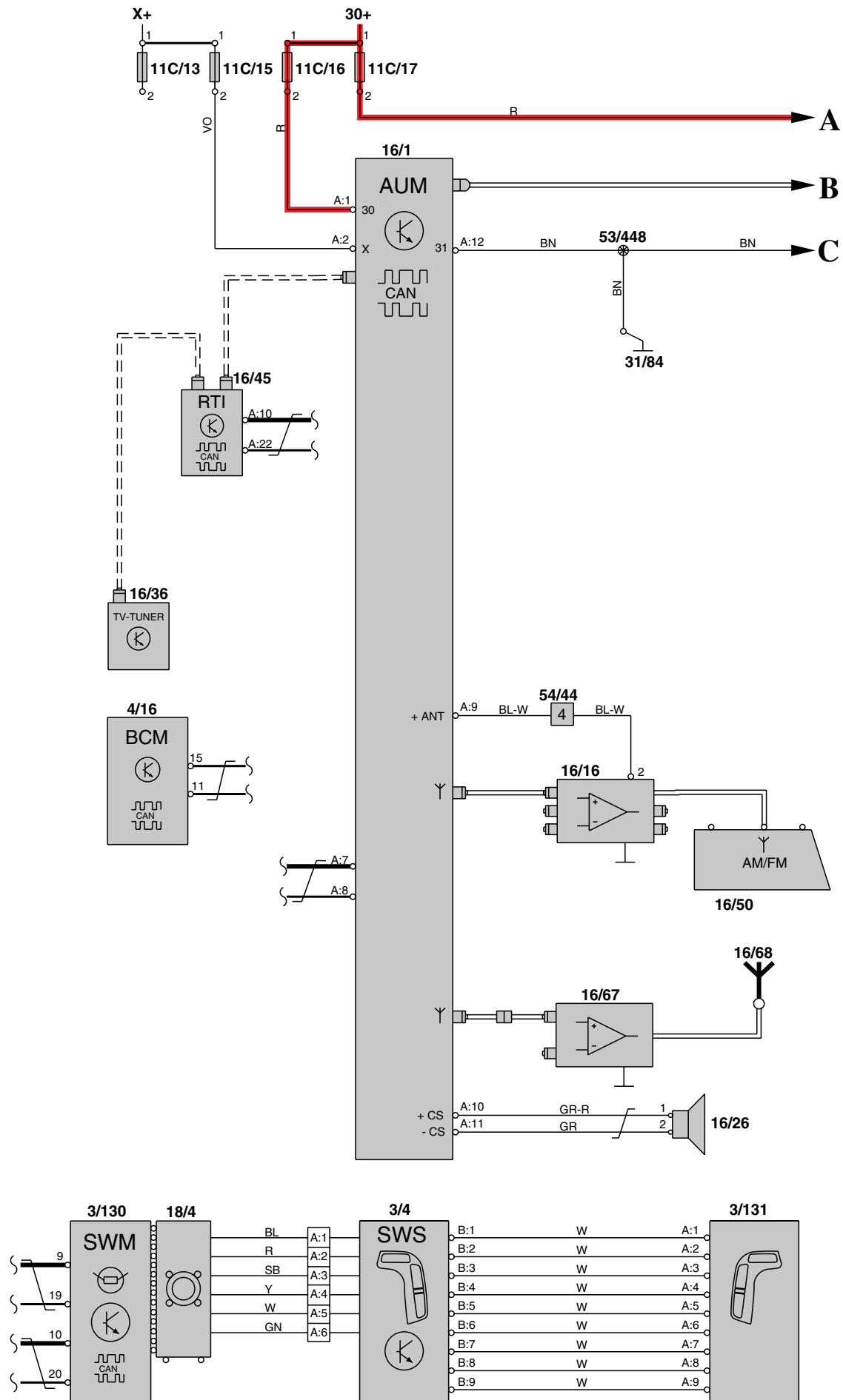


Seat belt reminder

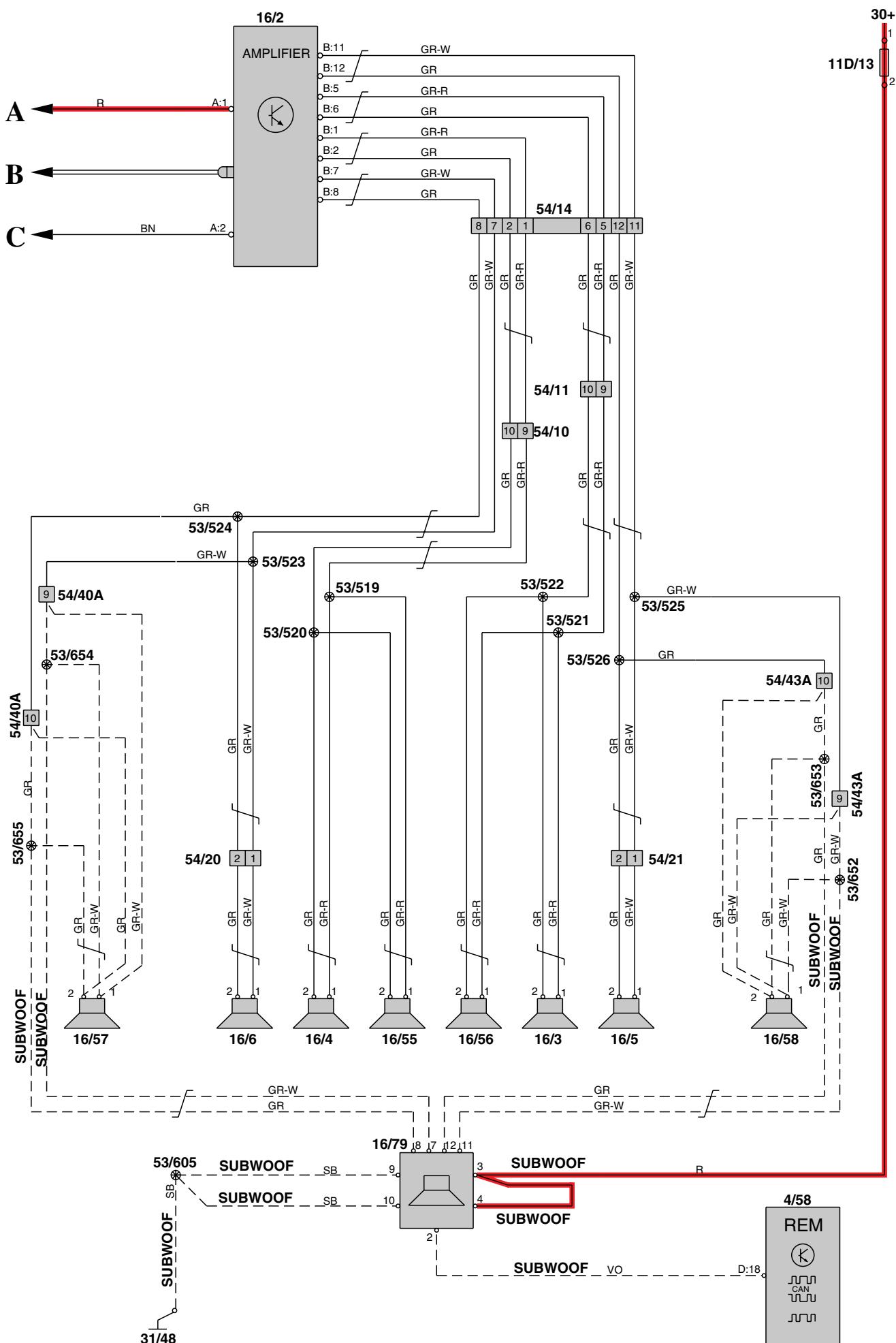


Group 39

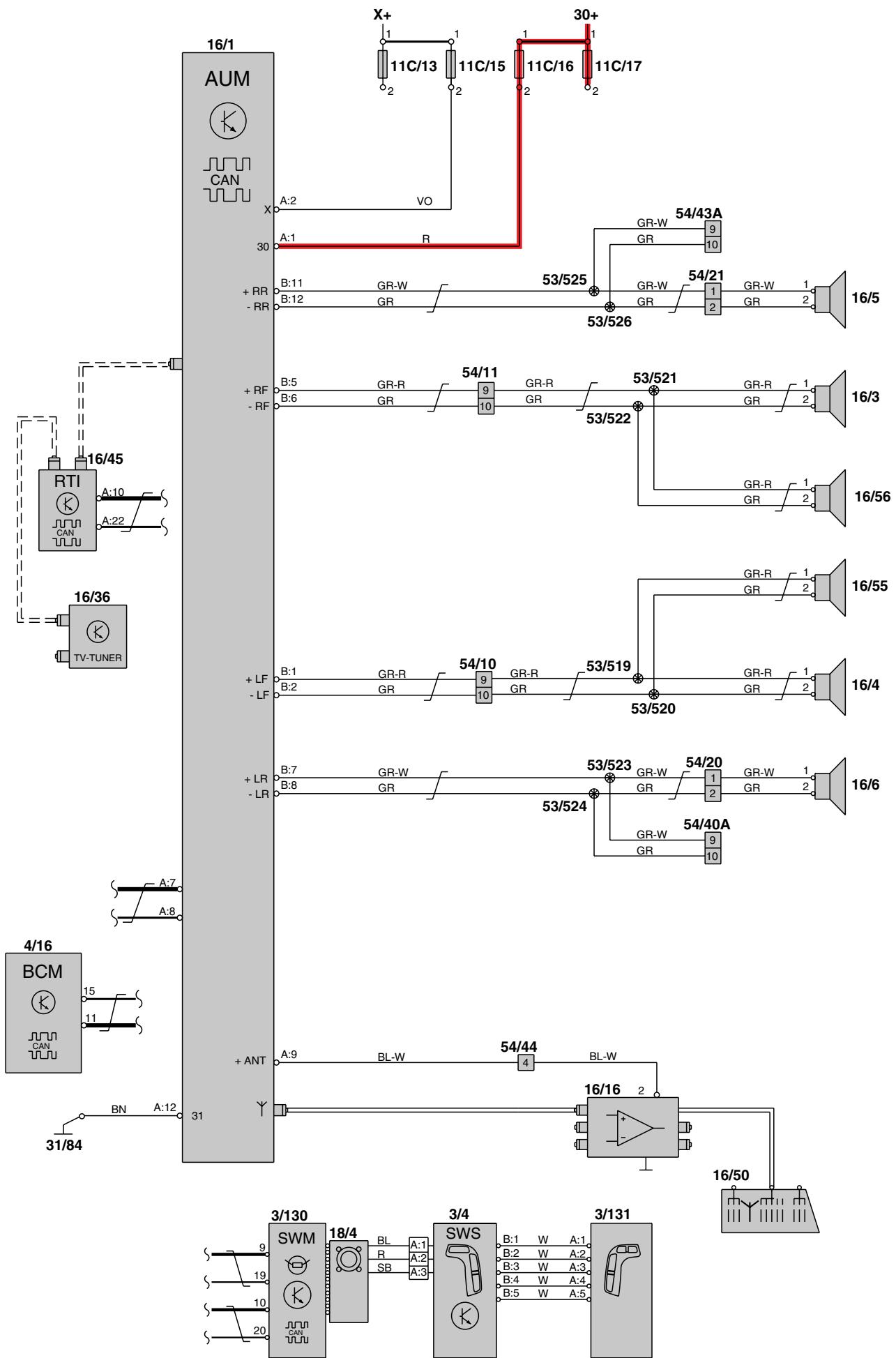
Audio with auxiliary amplifier



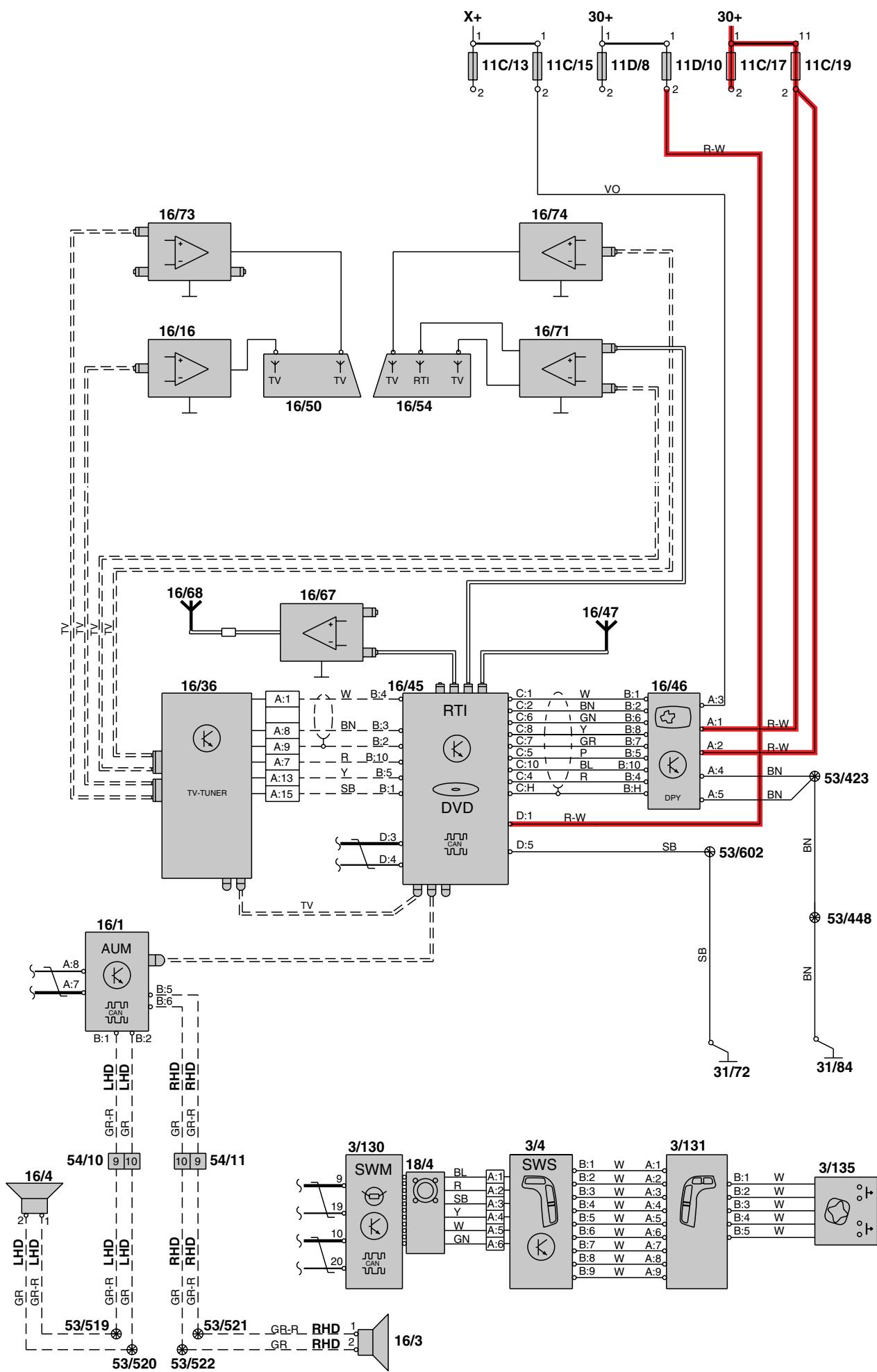
Audio with auxiliary amplifier



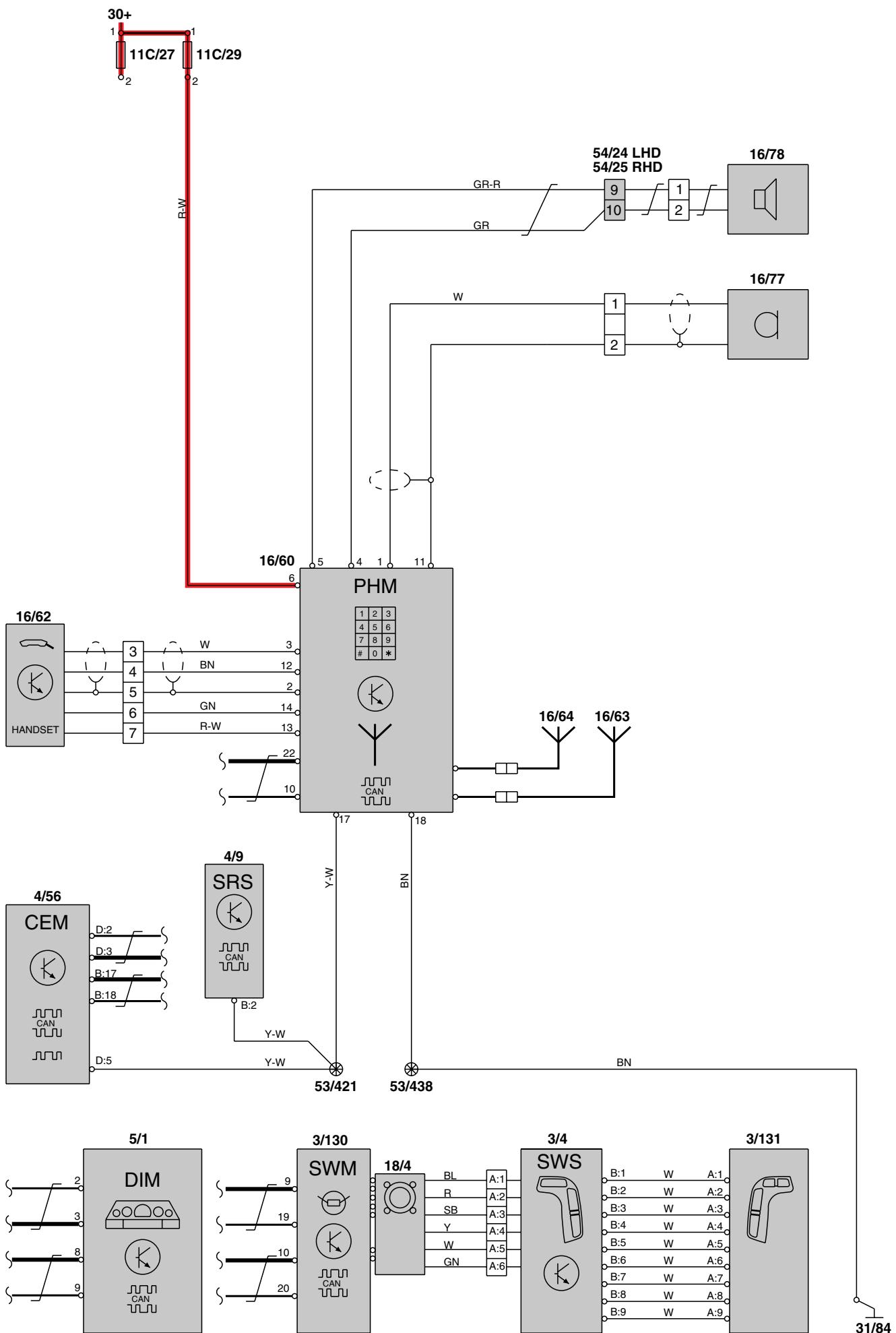
Audio without auxiliary amplifier



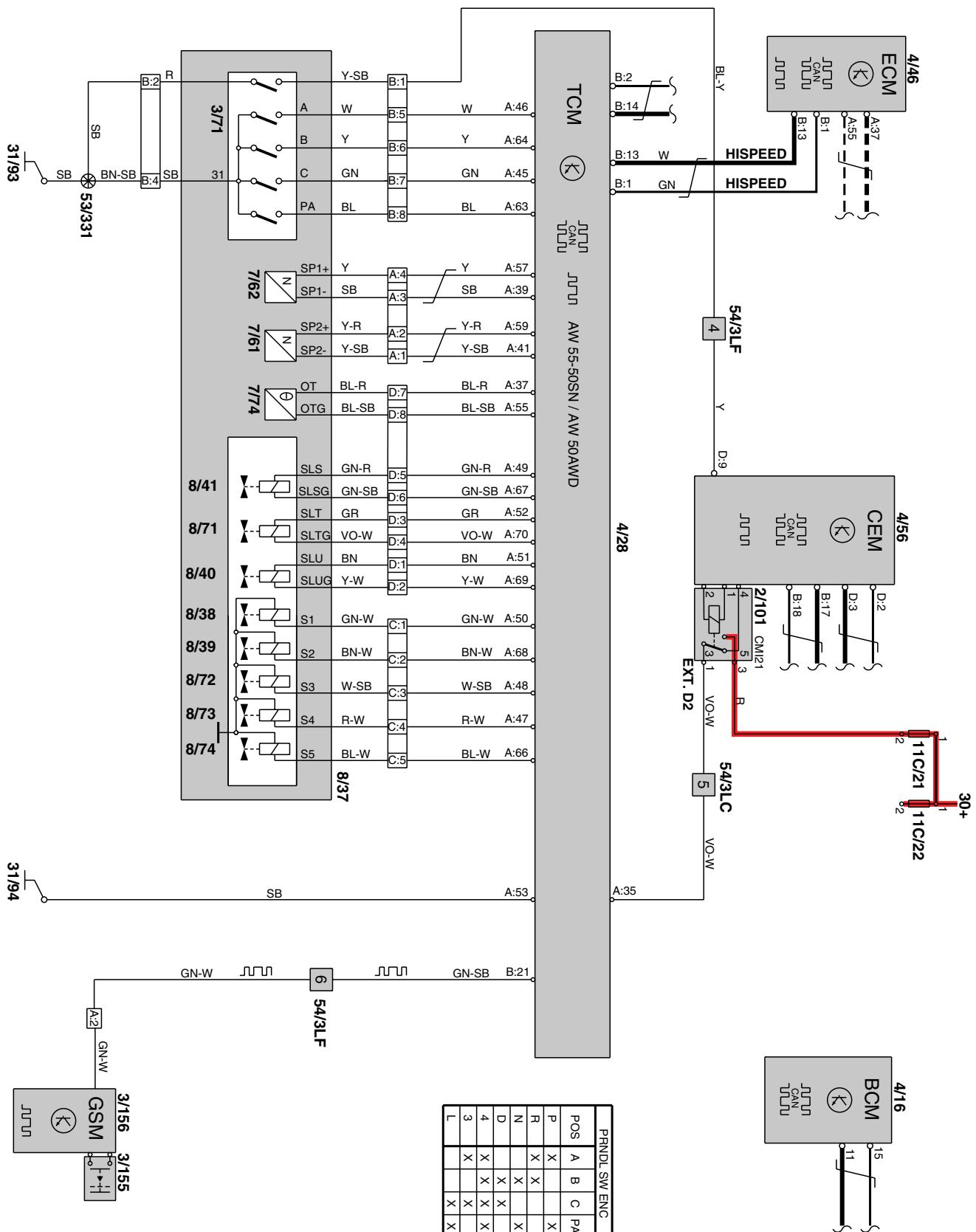
Road Traffic Information RTI



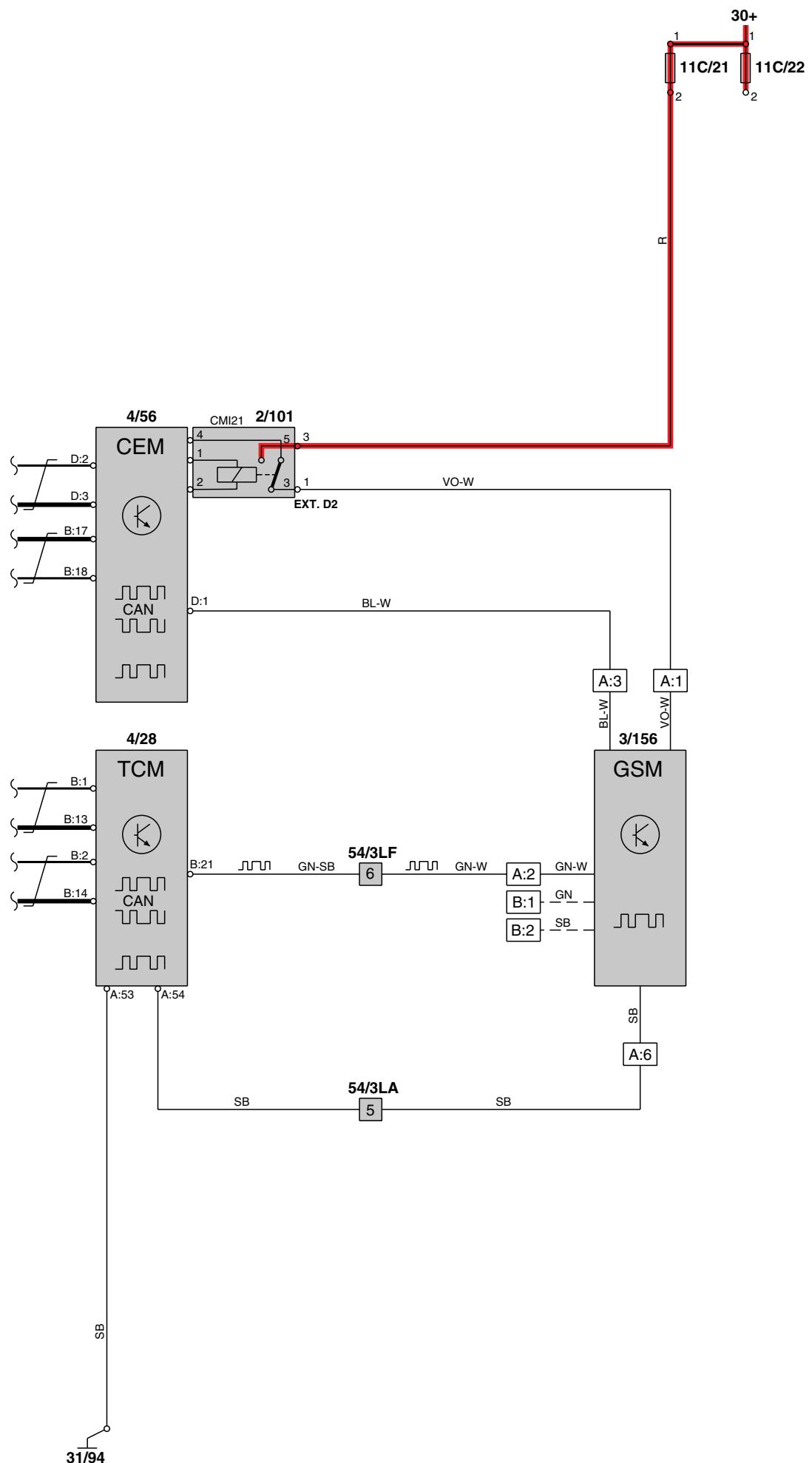
Mobile telephone



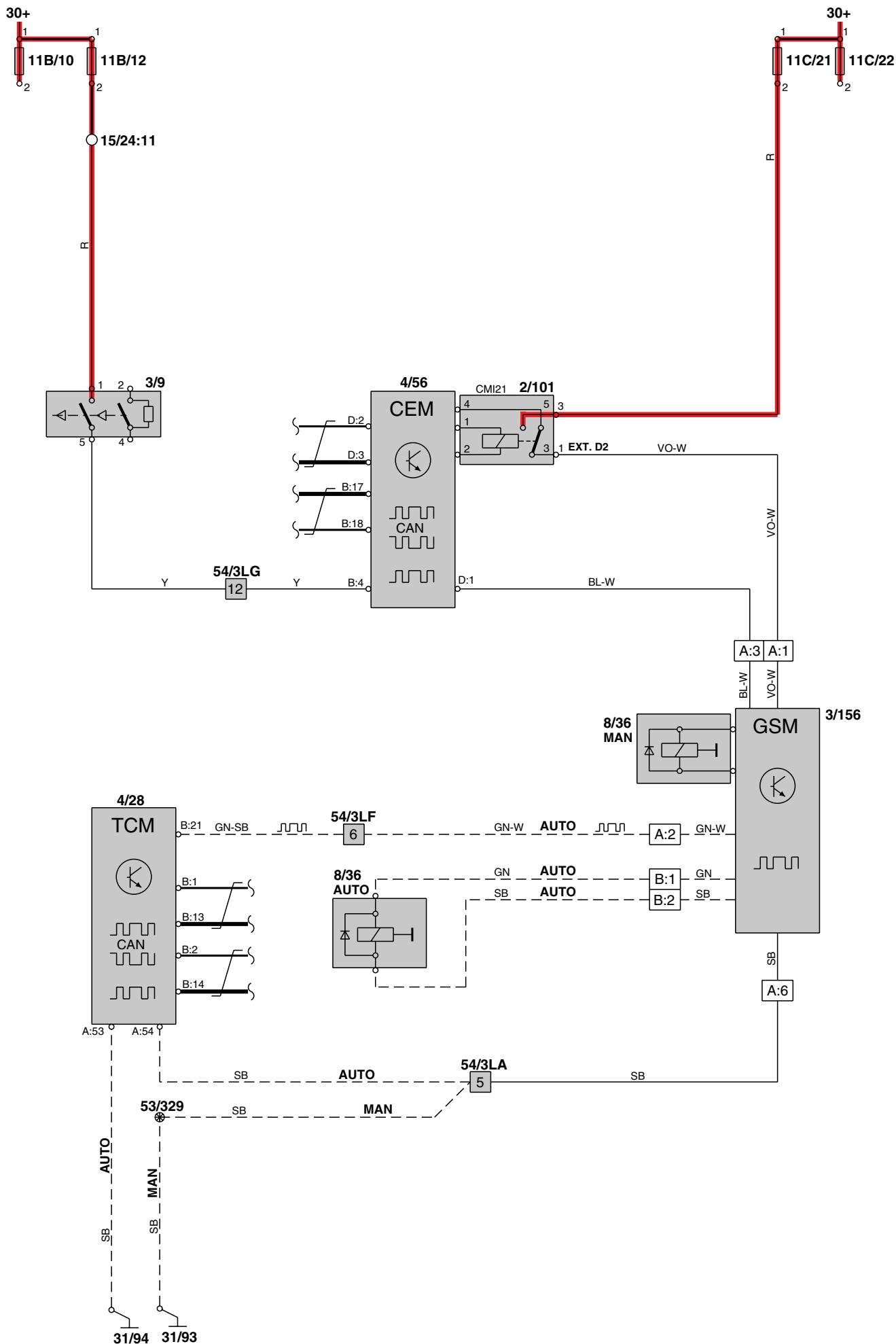
Electronically controlled automatic transmission, AW 55-50



Geartronic

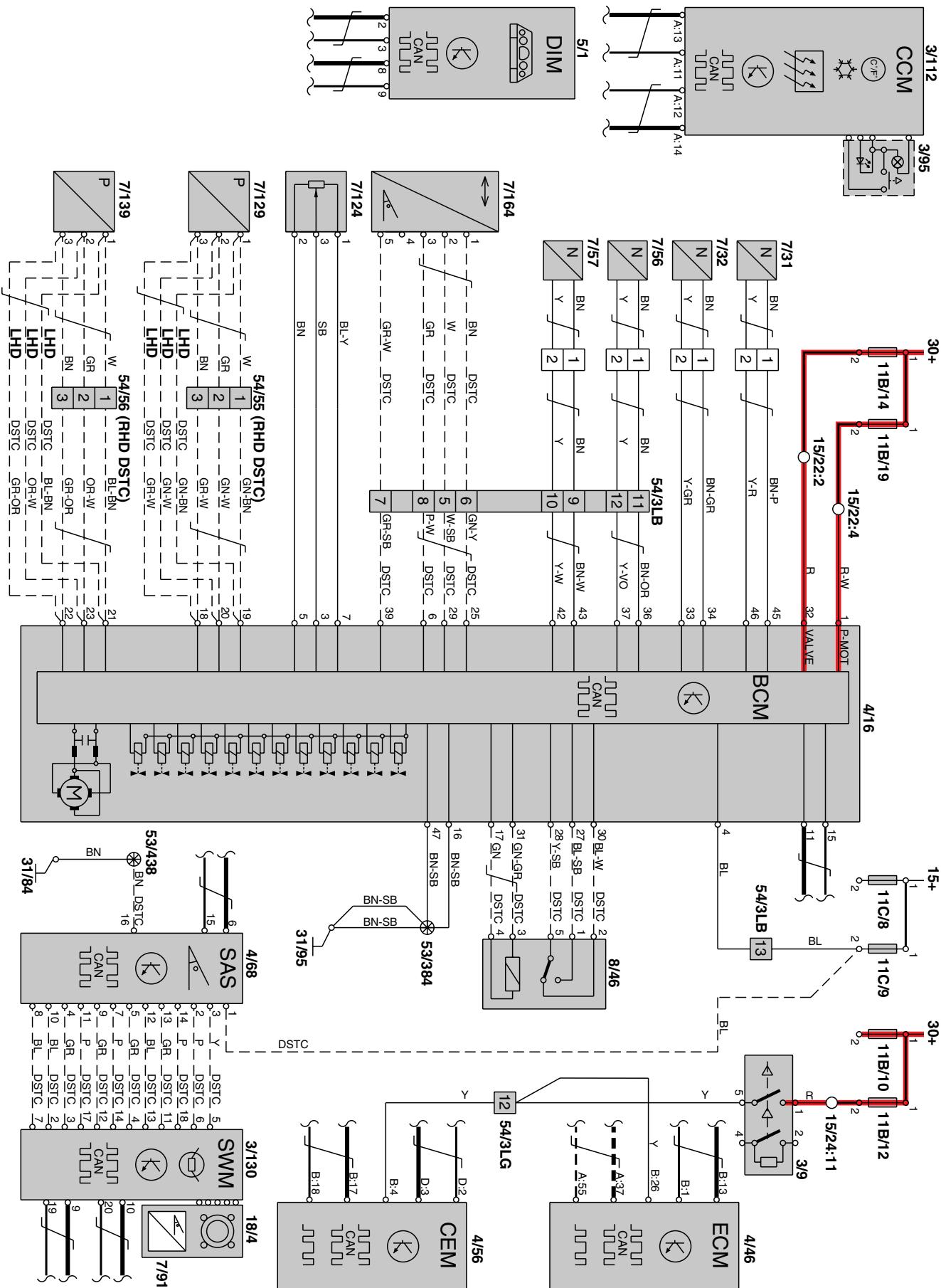


Shift lock

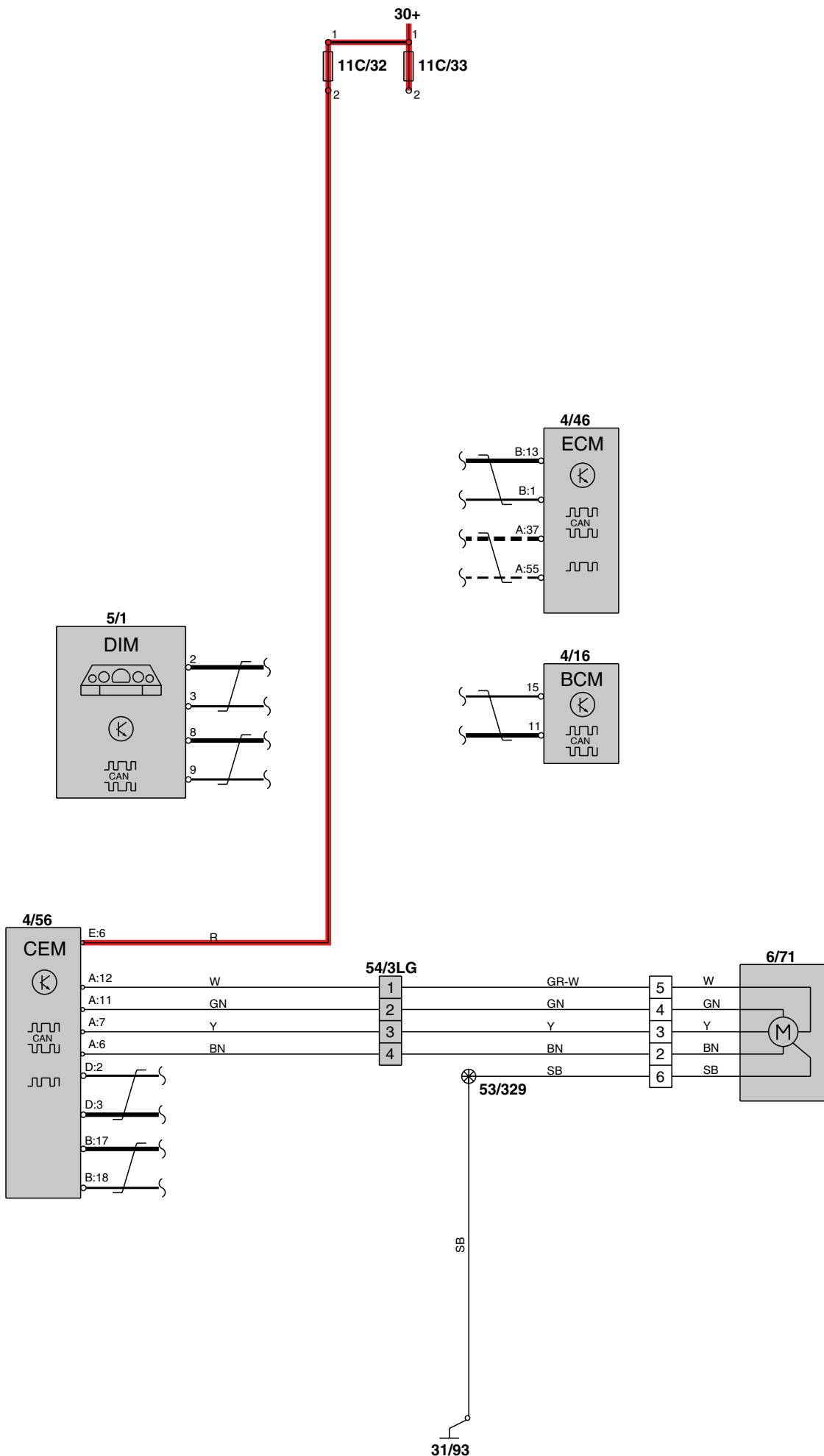


Group 59

Brake Control Module BCM

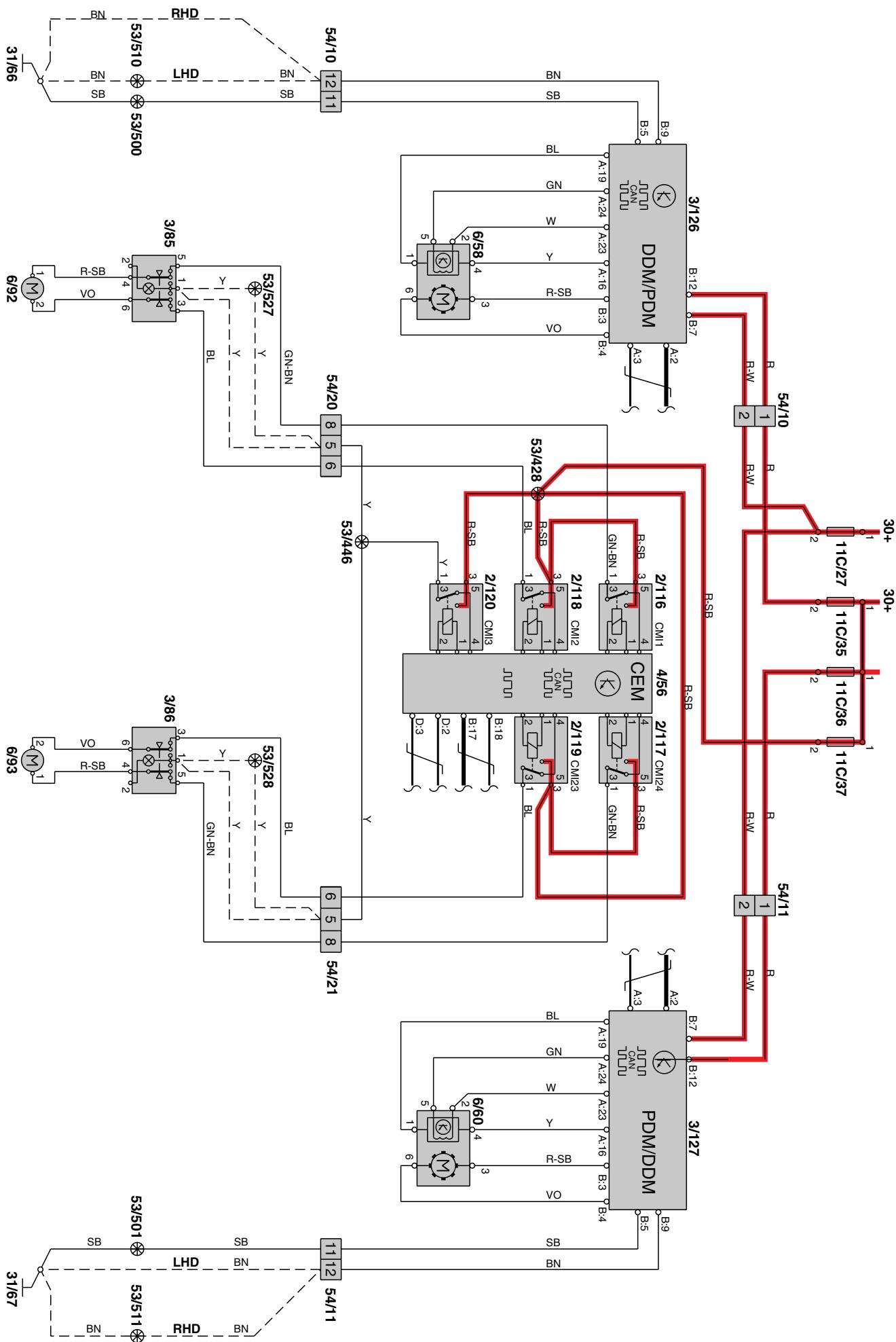


Group 64
Electronic power steering

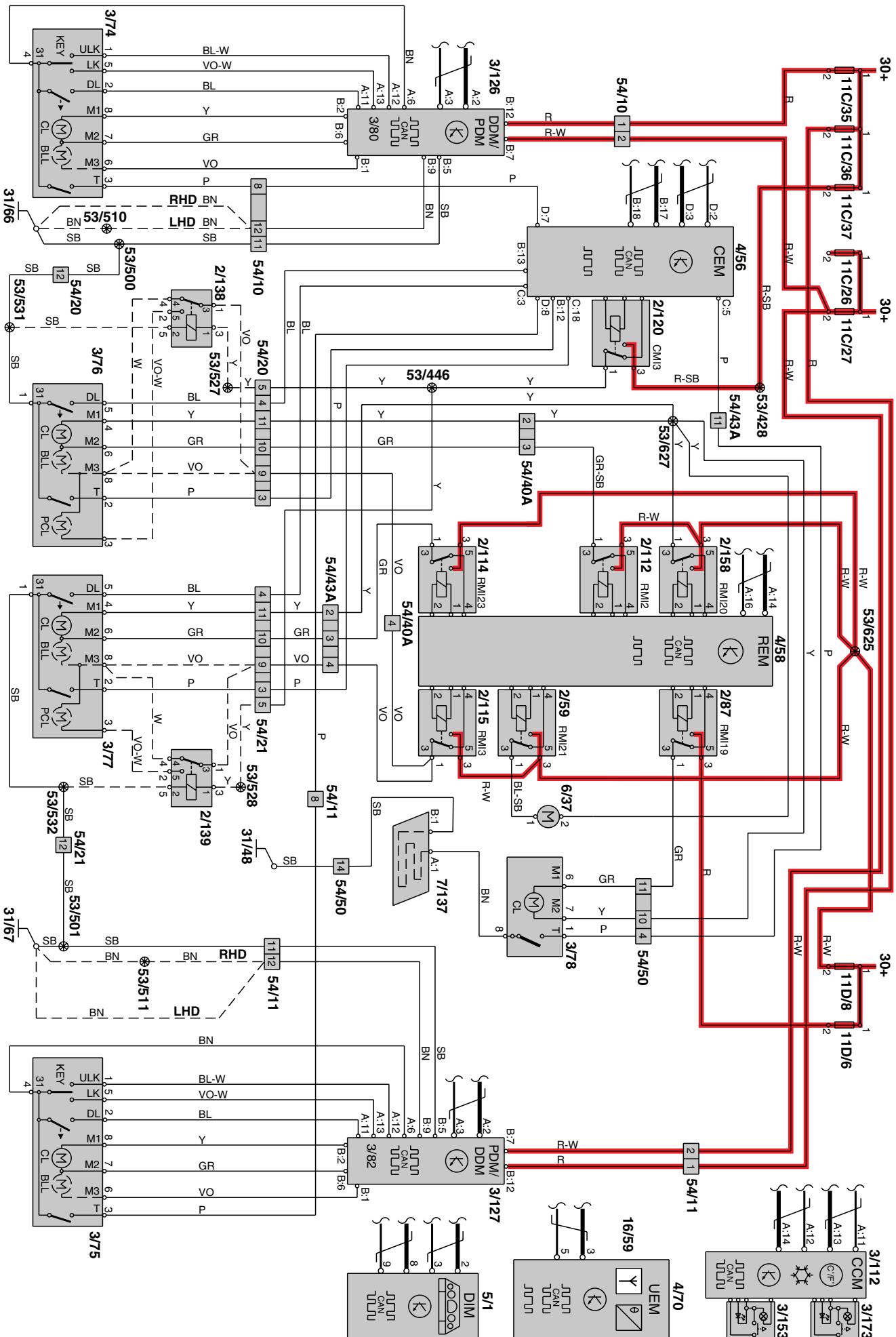


Group 83

Power windows

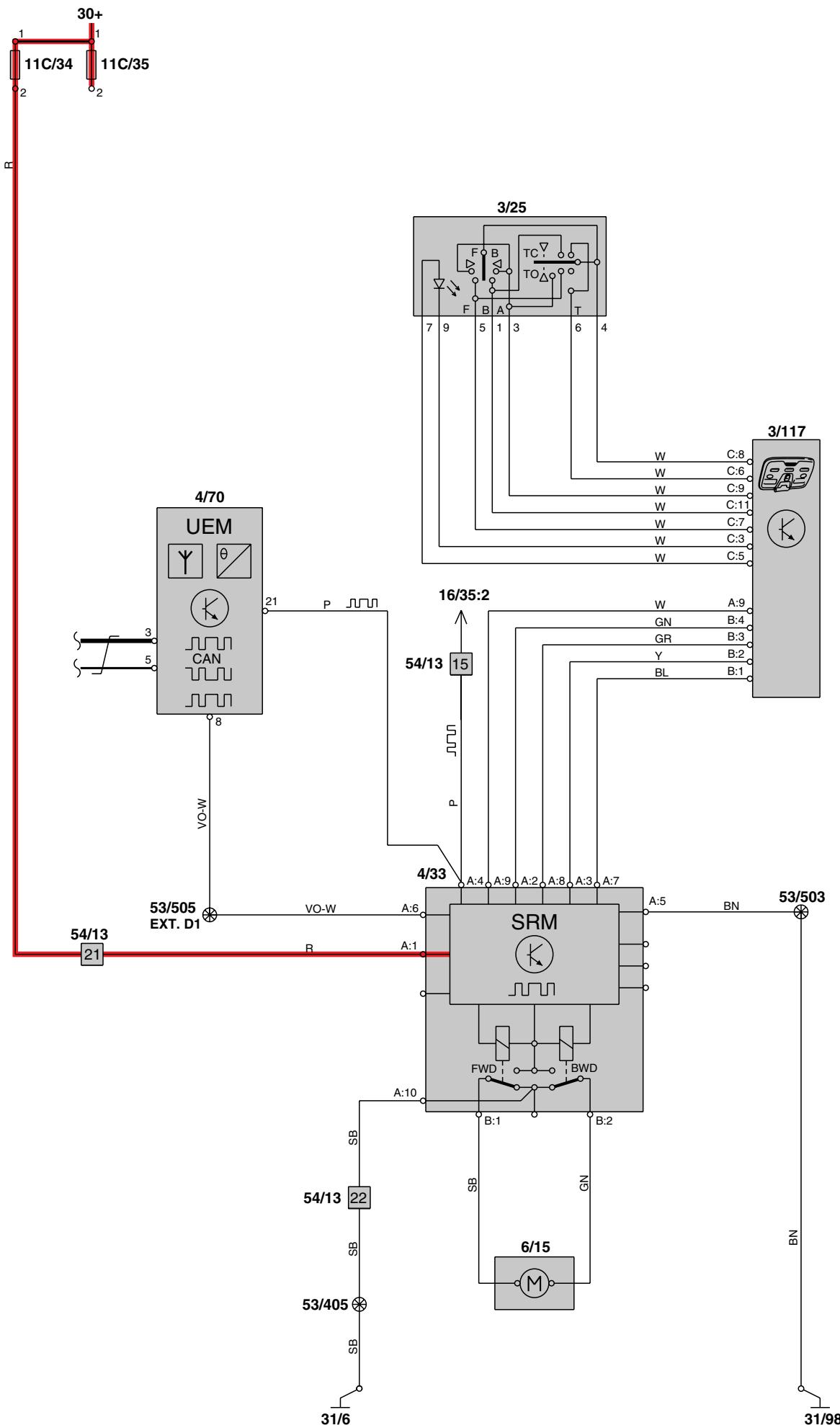


Central lock

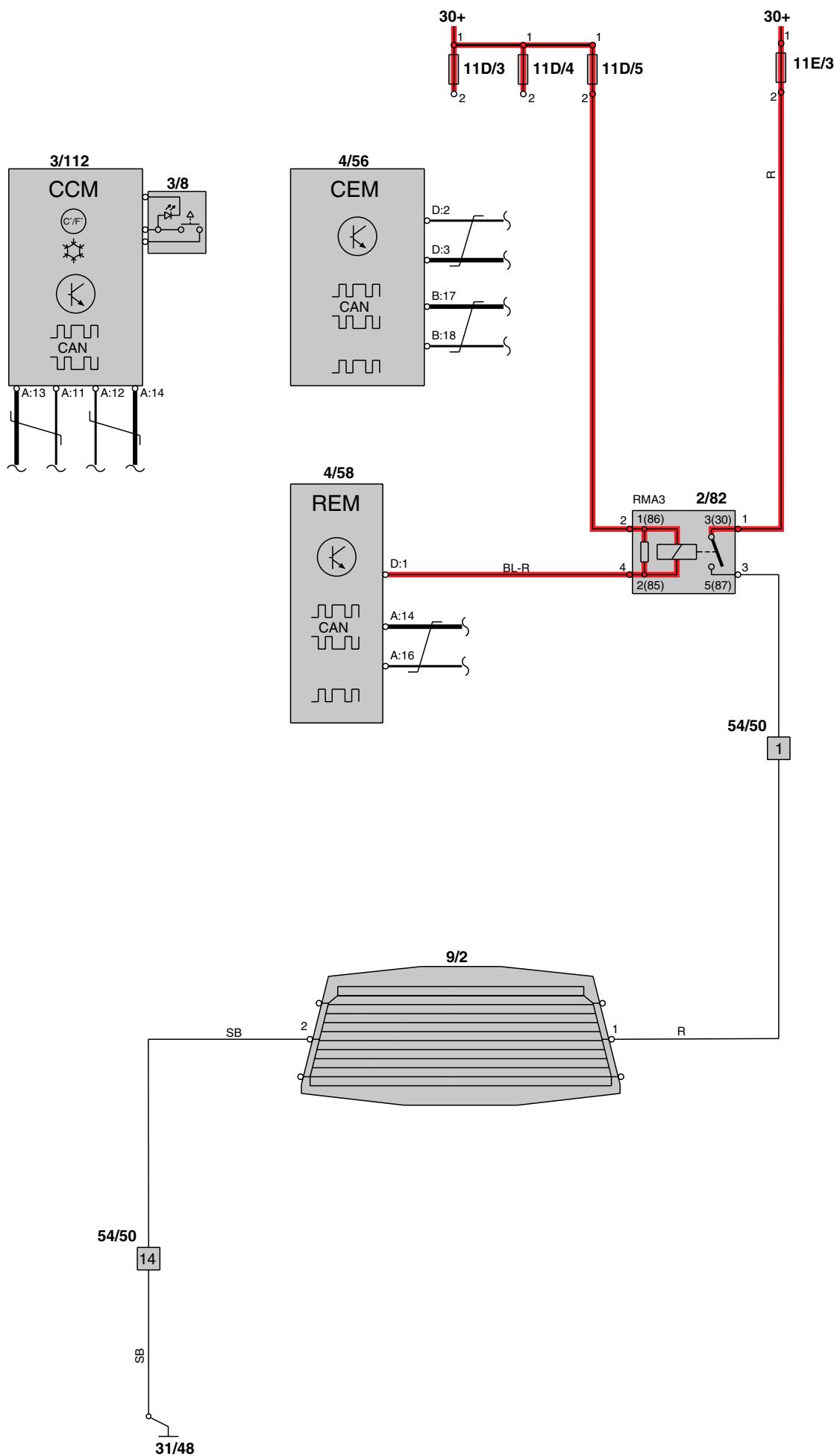


Group 83

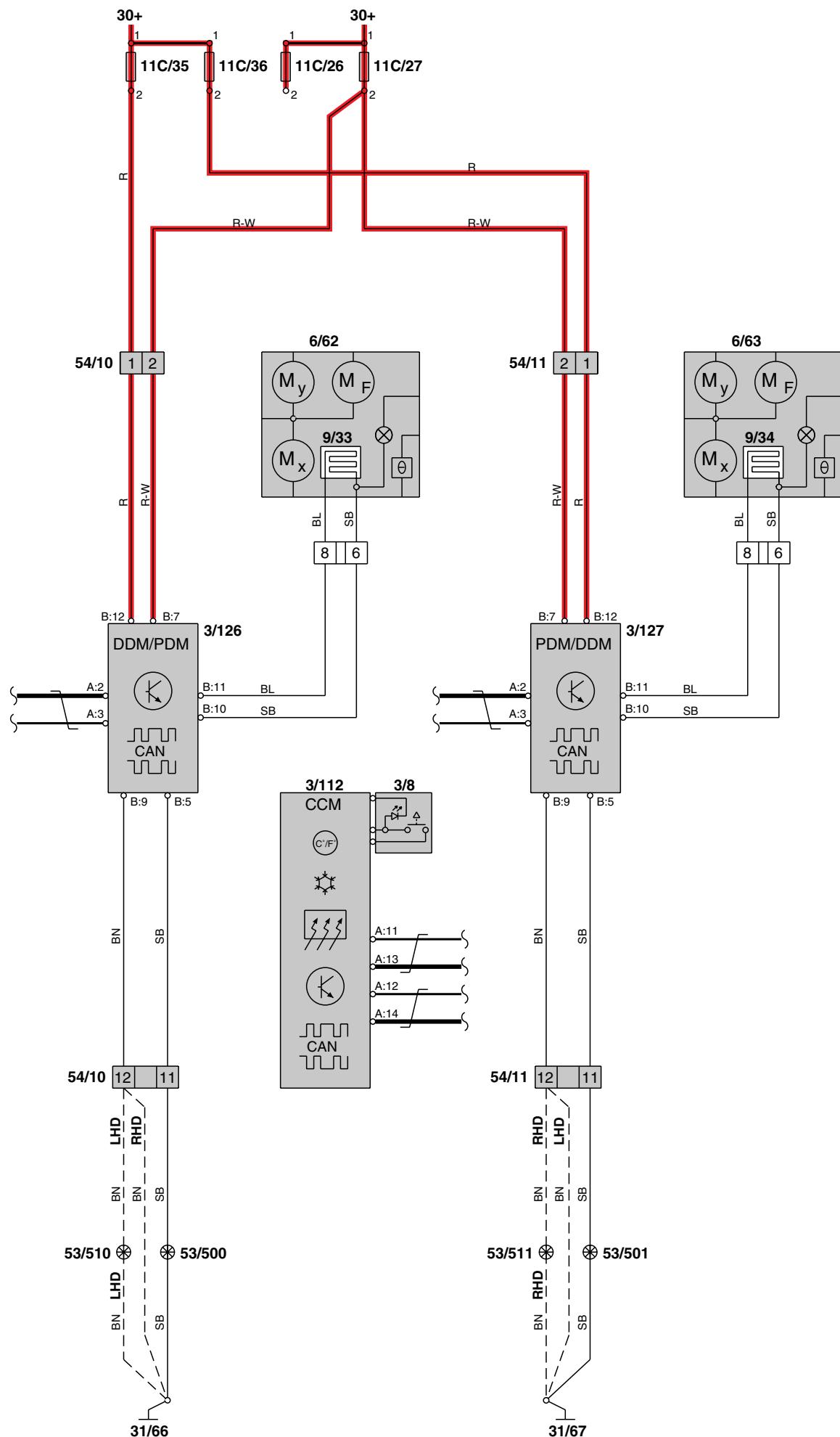
Power sunroof



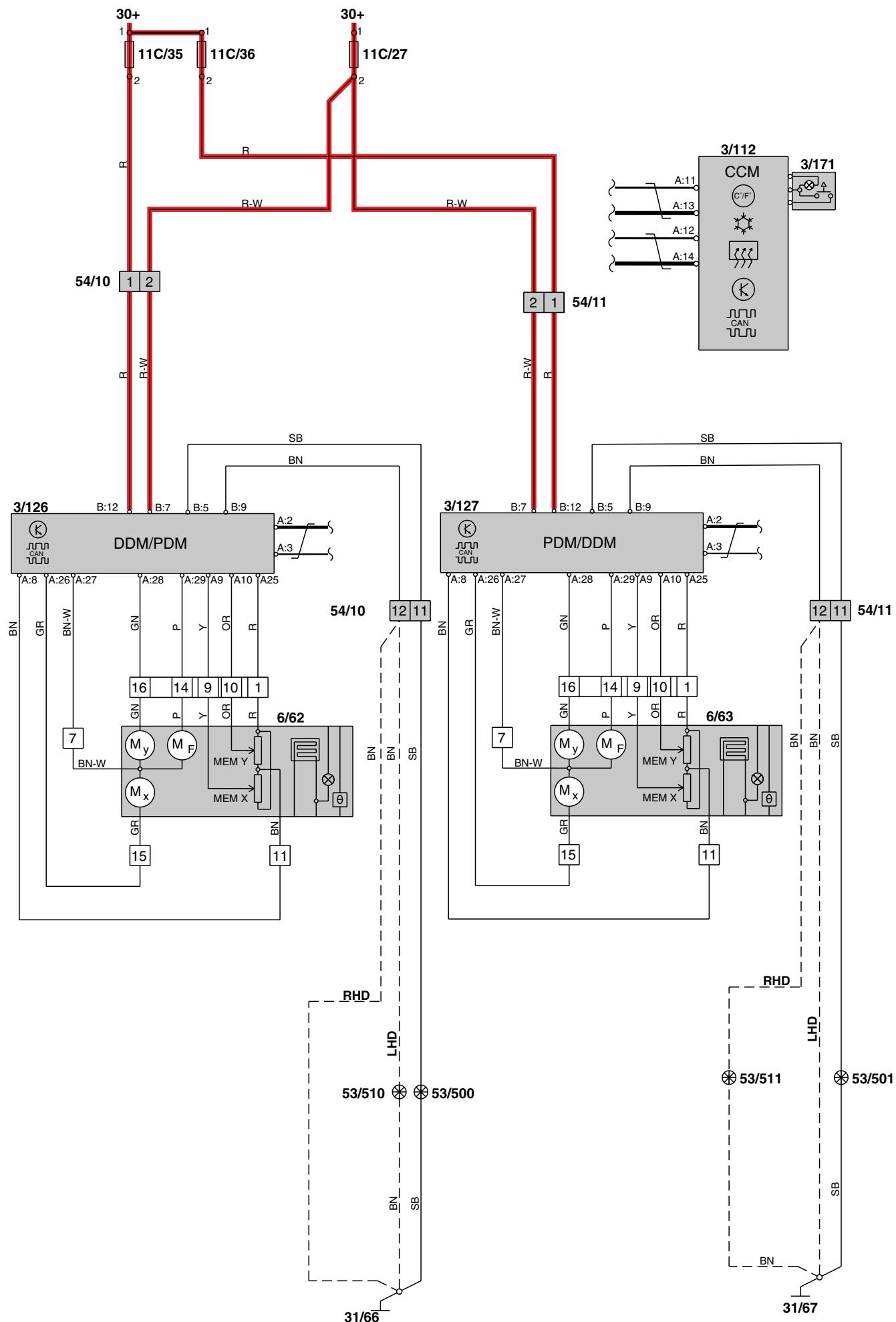
Group 84
Heated rear window



Heated door mirrors

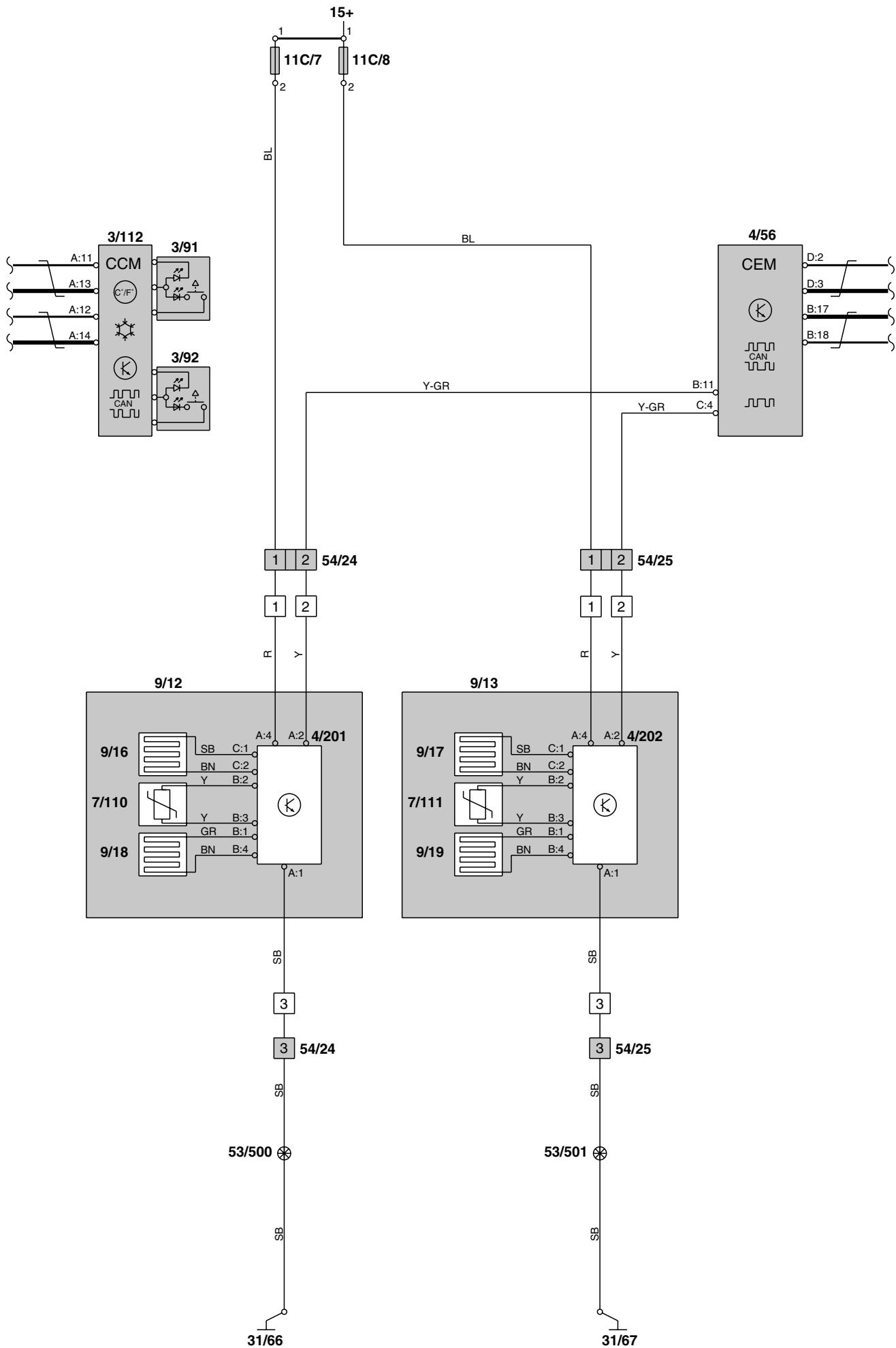


Power door mirrors

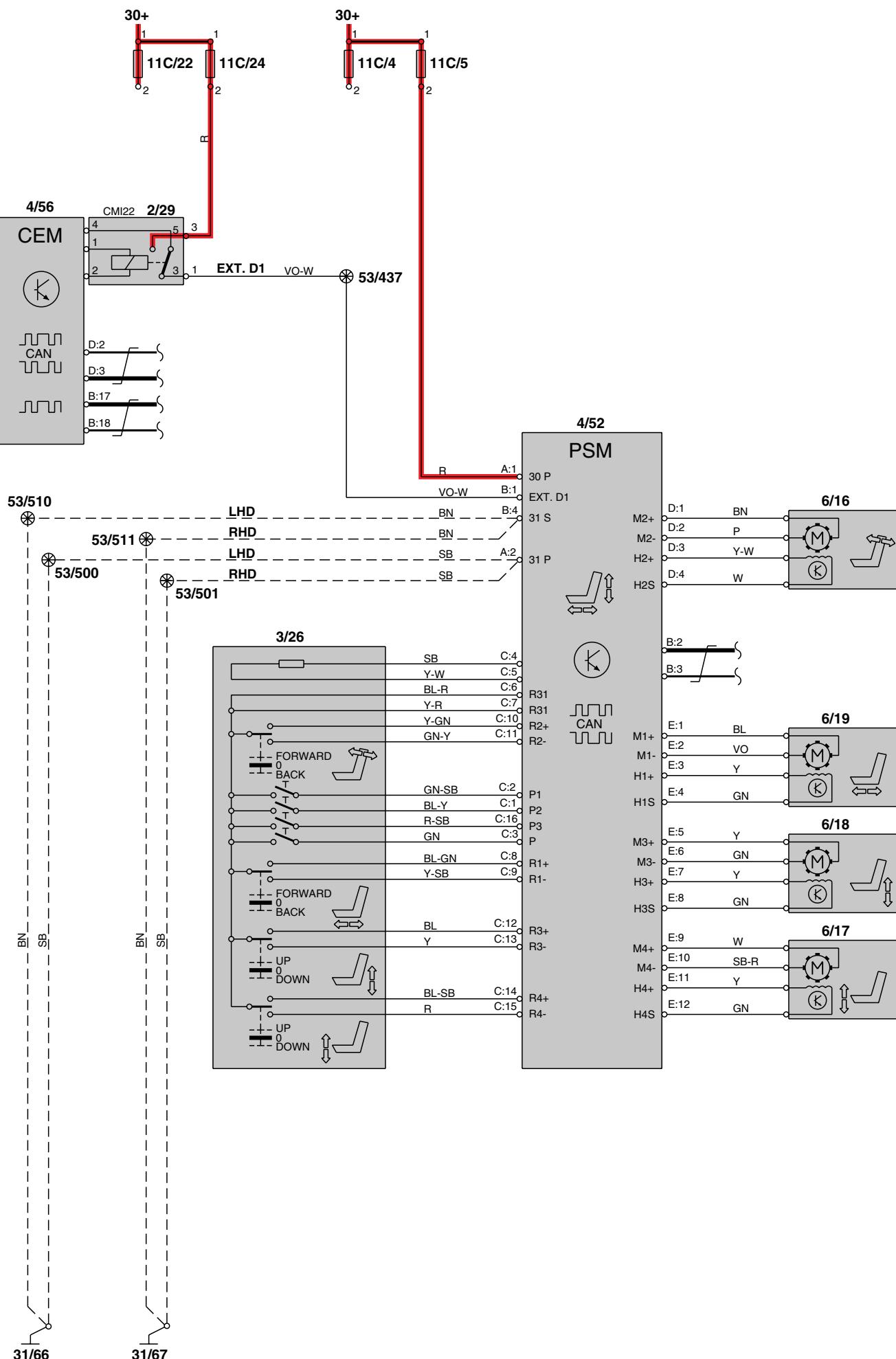


Group 85

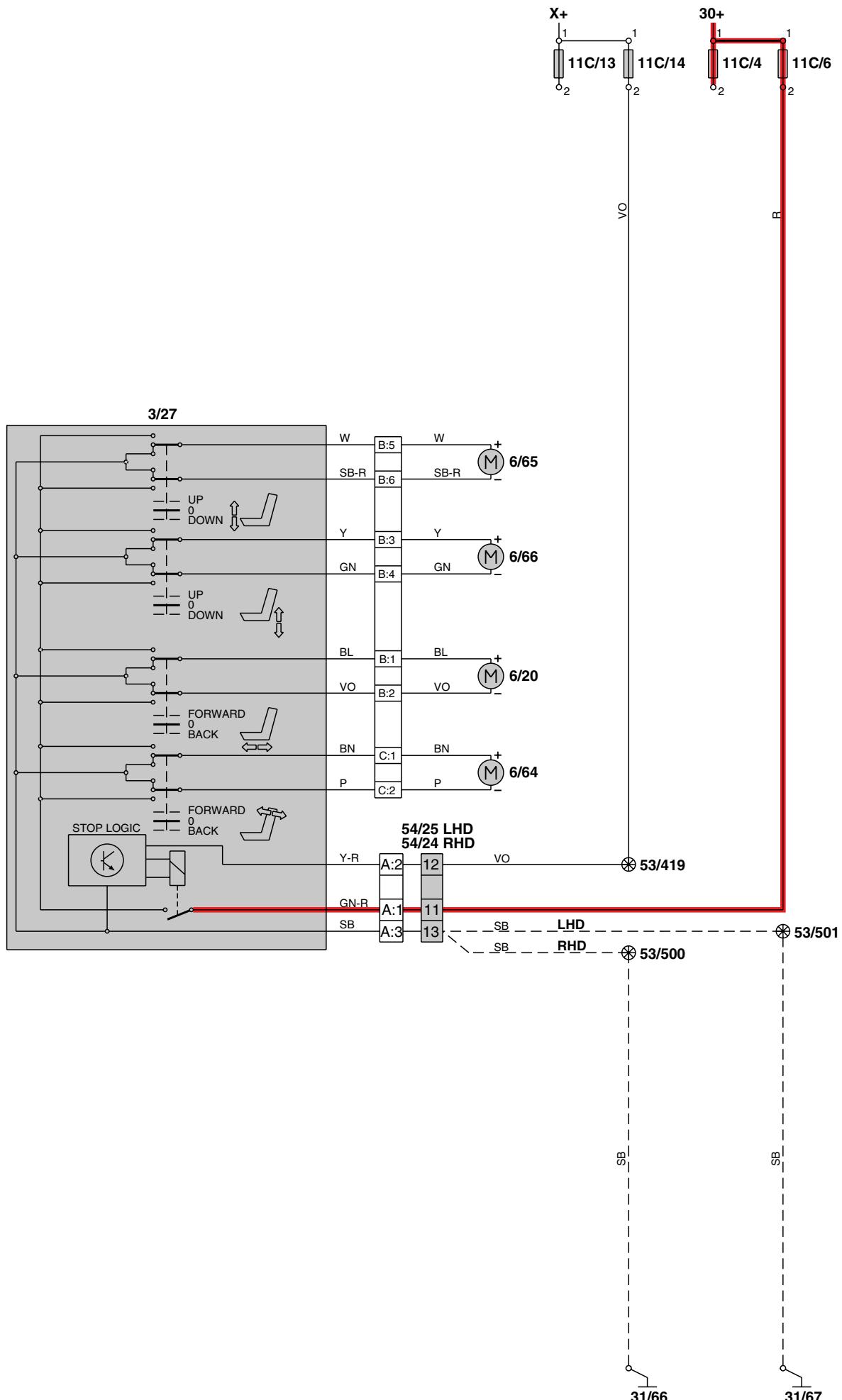
Heated seats



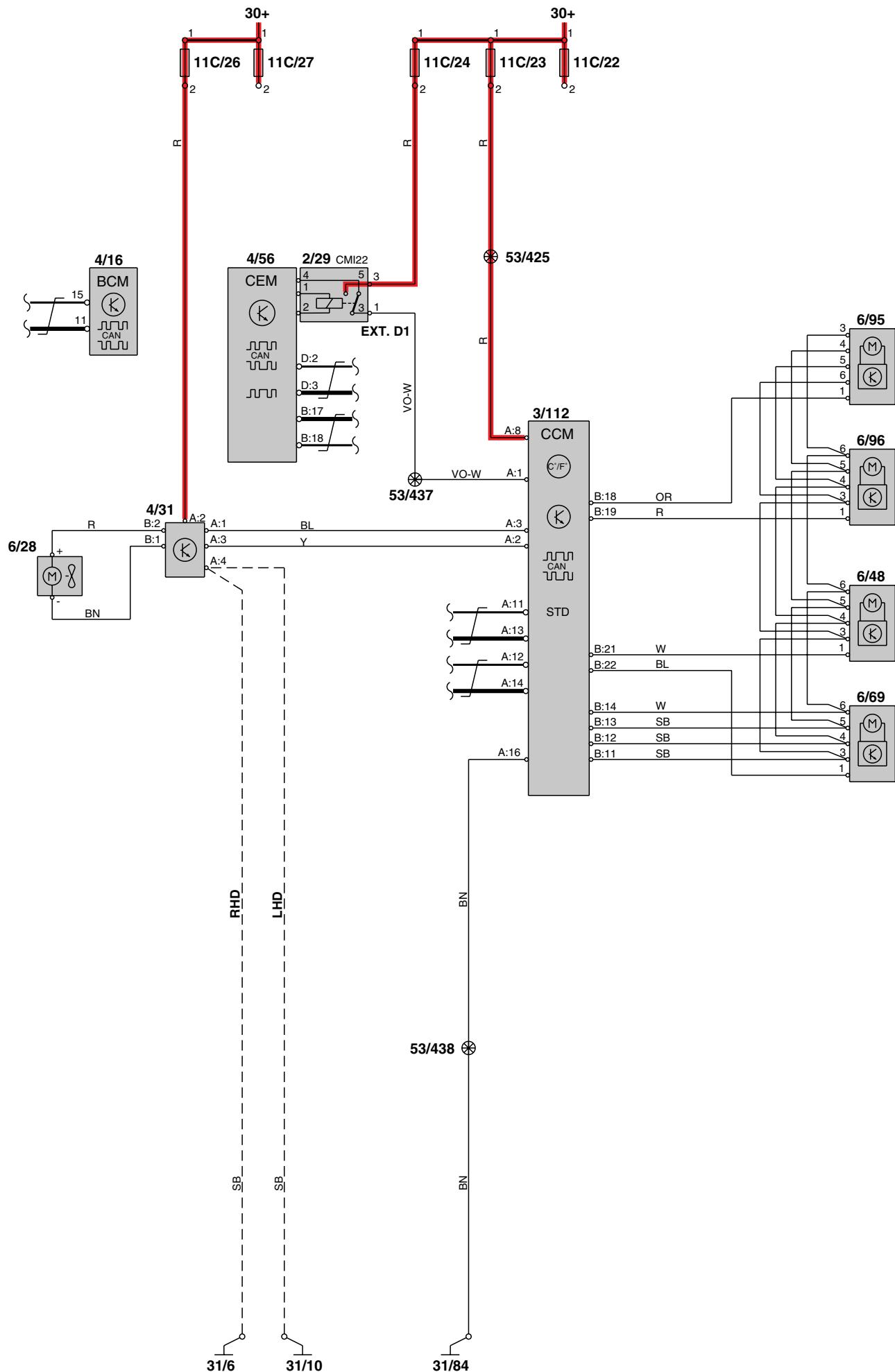
Power driver's seat



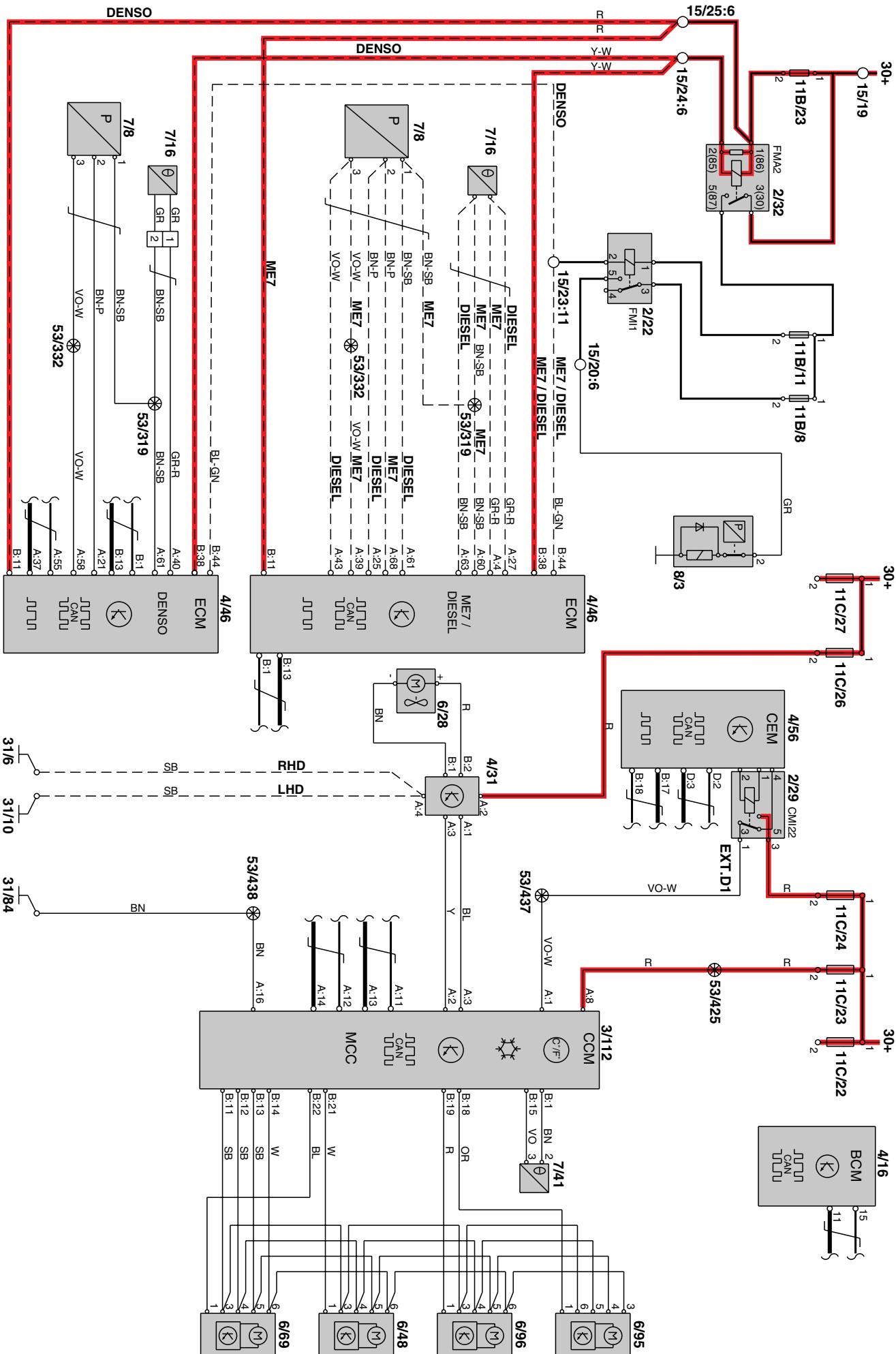
Power passenger seat



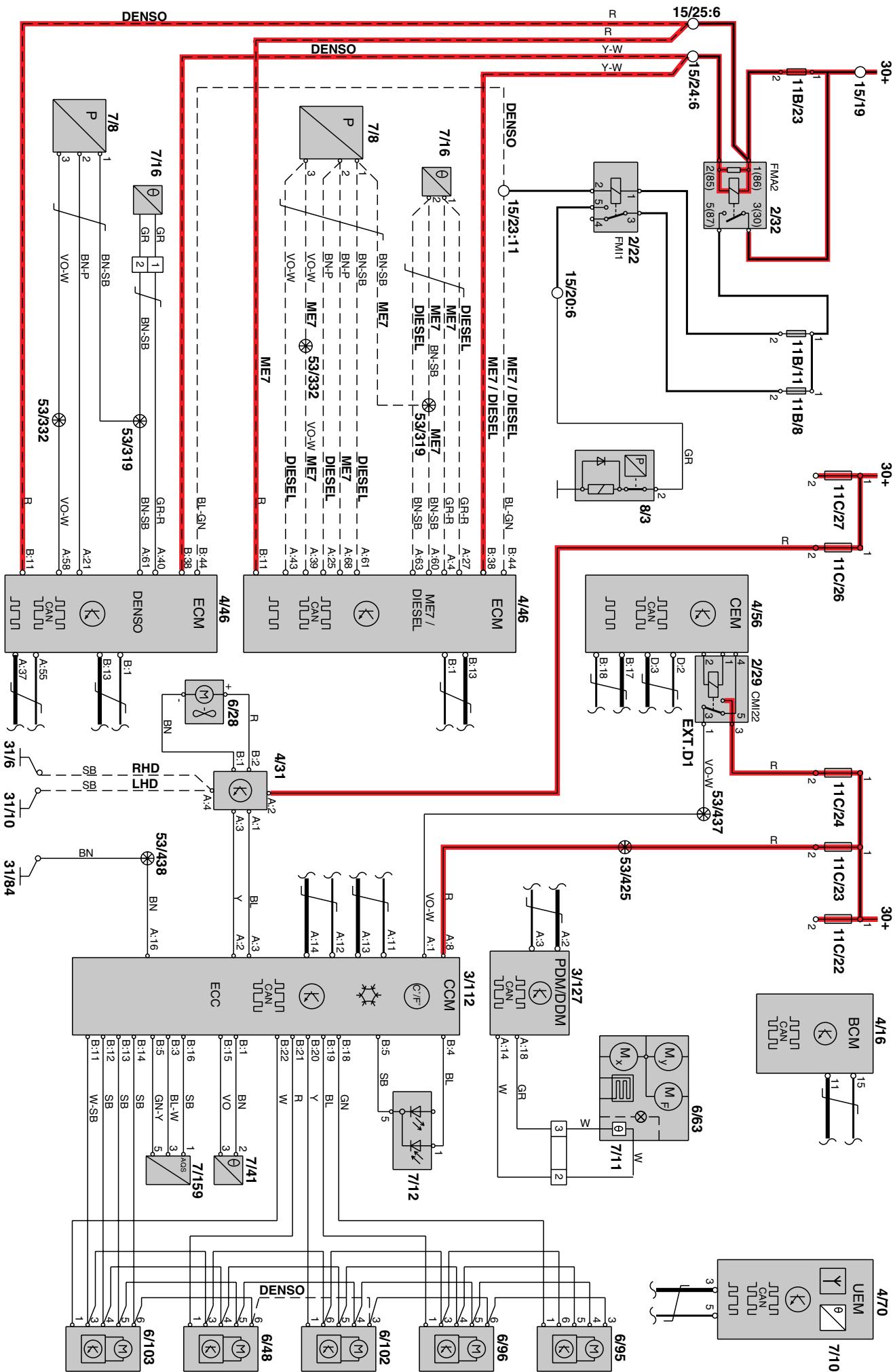
**Group 8
Standard heater**



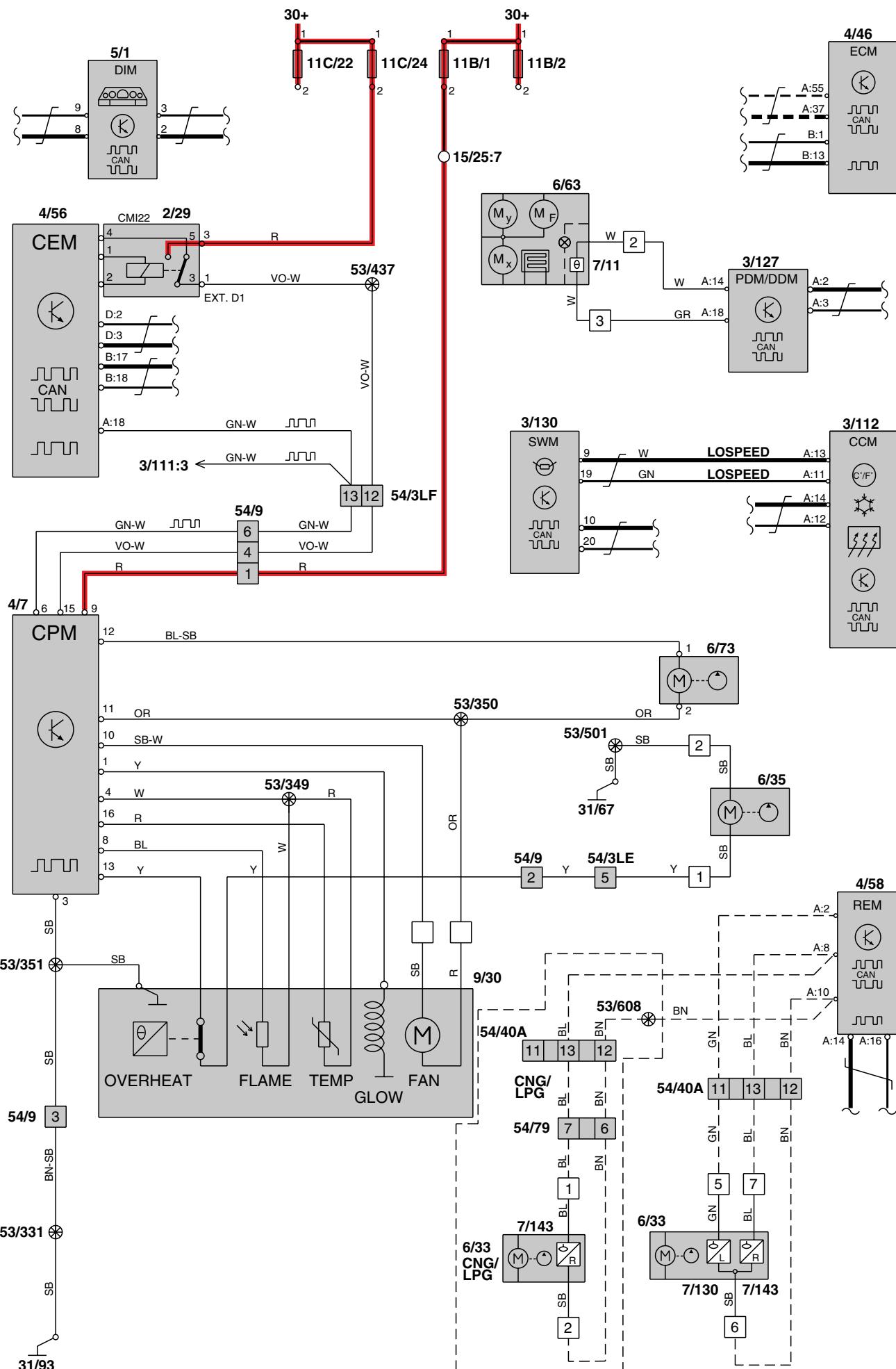
Manual climate control MCC



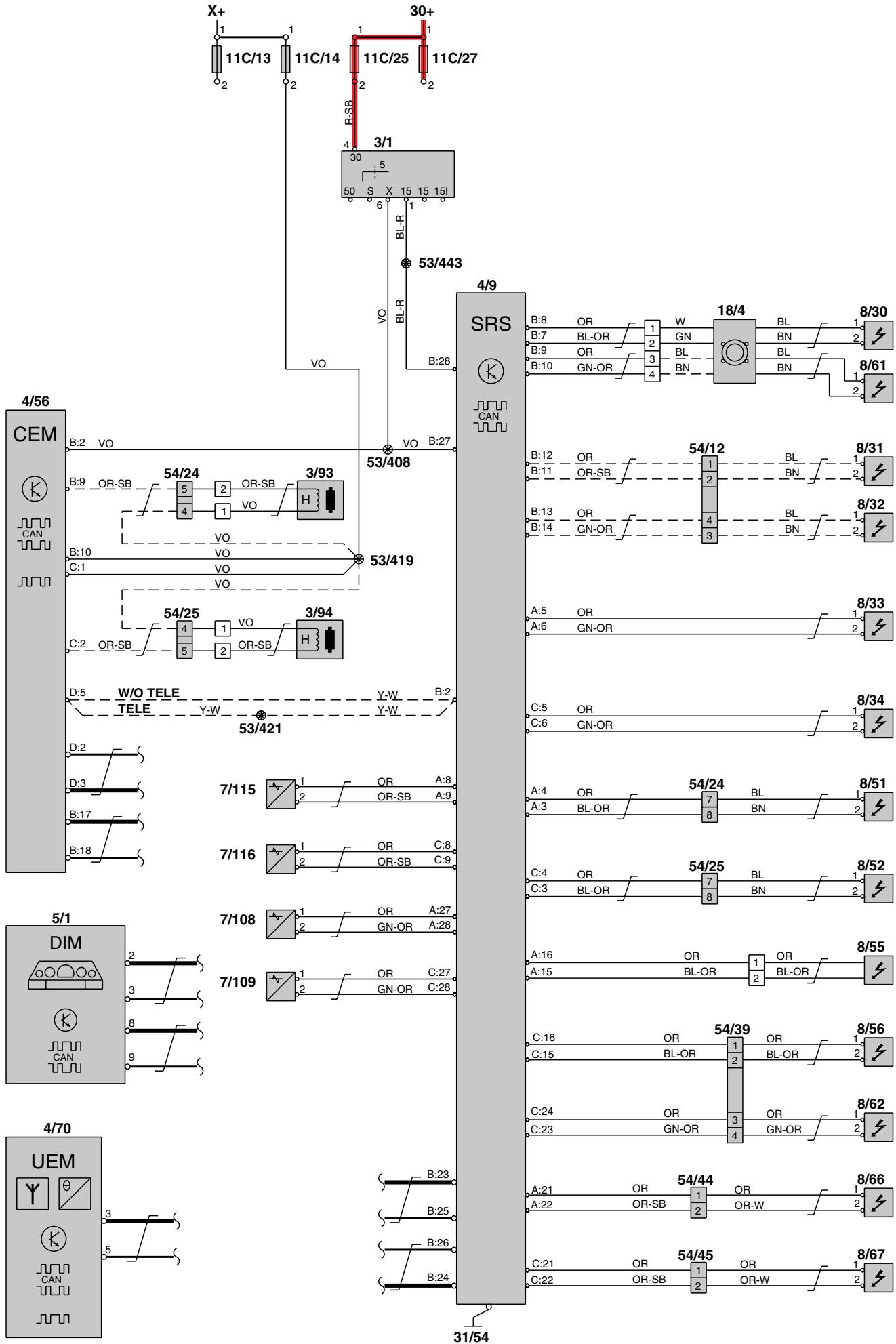
Electronic climate control ECC



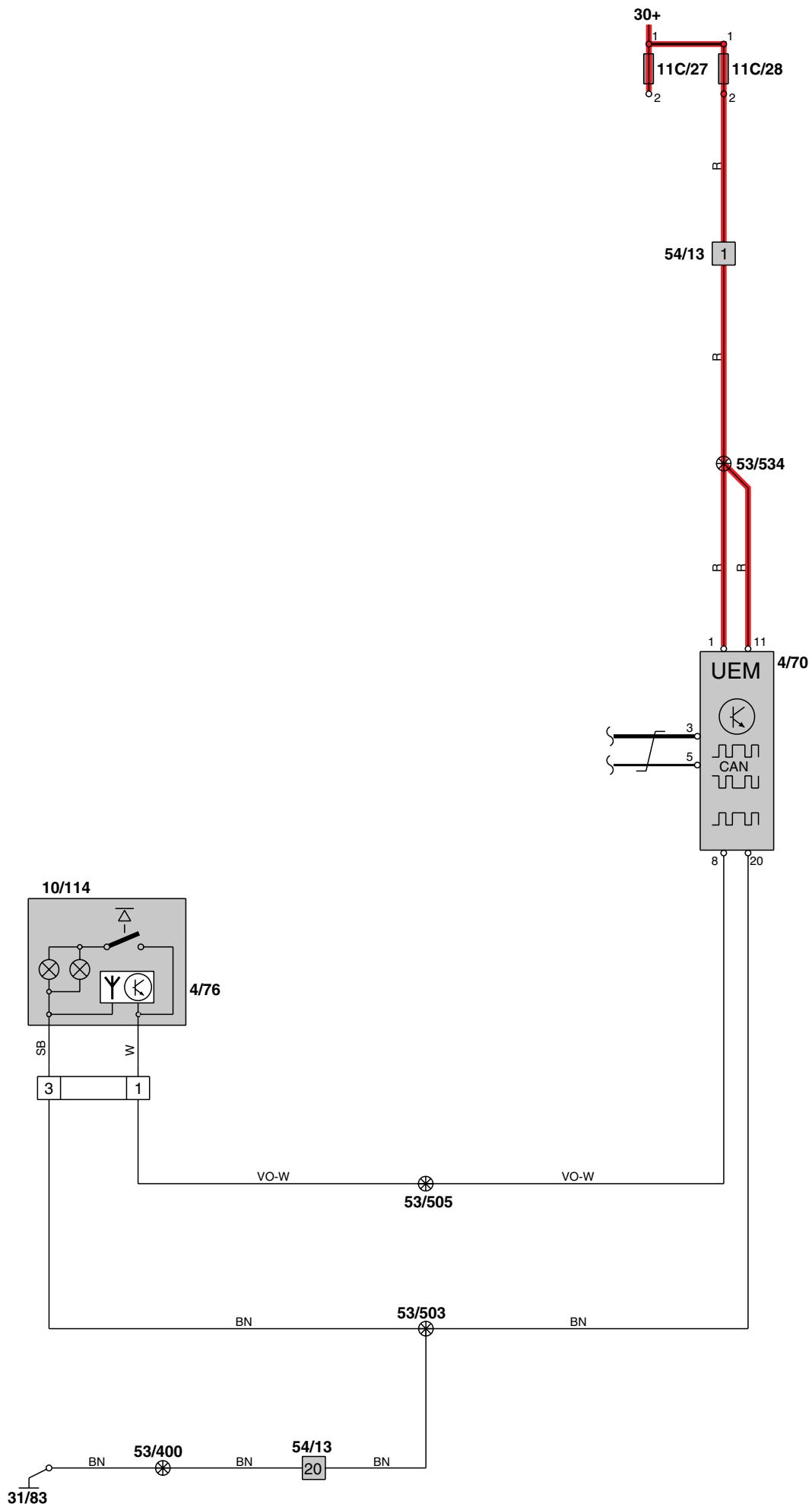
Parking heater, auxiliary heater



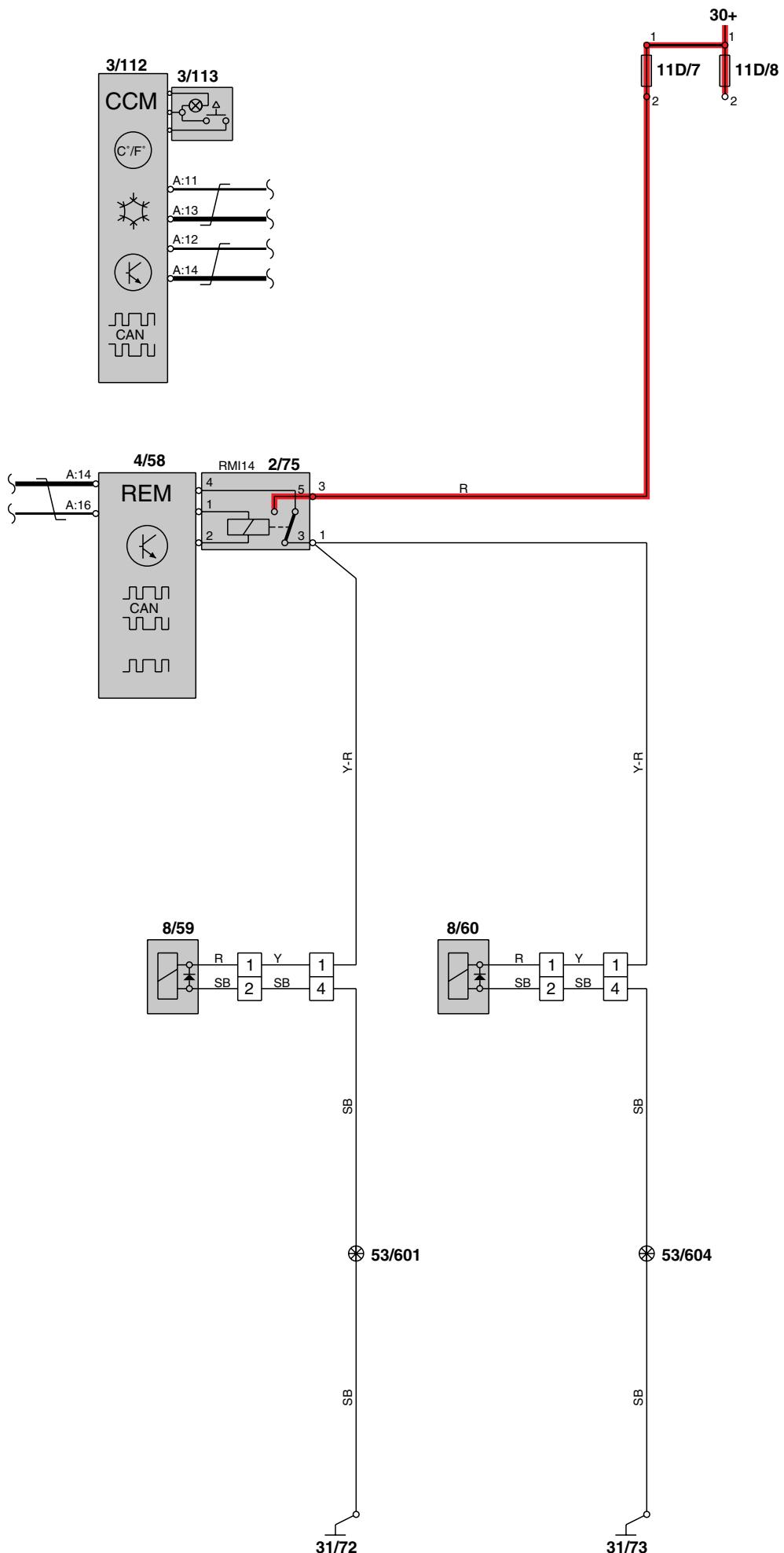
Group 88
SRS Supplemental Restraint System



Remote controlled garage door opener



Electrically adjustable head restraint



Connectors

54/1B - 54/3LB

54/1B 1-pin gray

No.	Engine compartment harness	Engine harness
1	Junction rail 15/28:2	R-W Junction point 53/374 R

54/3LA 13-pin white

No.	Passenger compartment harness	Engine compartment harness
1	CEM 4/56A:2	GR Connector 54/22B:1 GR
2	CEM 4/56D:11	GN Connector 54/23B:1 GN
3	Junction point 53/430	W Brake Control Module BCM 4/16:11 W
4	Connector 54/34:3 LHD	GN Engine Control Module ECM 4/46B:40 LHD GN-BN
5	Gear Shift Module GSM, automatic transmission 3/156A:6	SB Transmission Control Module TCM 4/28A:54 Junction point 53/329 SB
6	Tank pressure sensor 7/84:3 LHD	W Engine Control Module ECM 4/46B:10 LHD W-SB
7	CEM 4/56A:19	Y Junction rail 15/23:2 Y-GR
8	CEM 4/56A:3	BN-W Junction rail 15/24:12 BL-OR
9	Tank pressure sensor 7/84:2 LHD	GR Engine Control Module ECM 4/46B:31 LHD GR-SB
10	CEM 4/56A:17	W Junction rail 15/25:4 W
11	CEM 4/56A:16	BL Junction rail 15/23:16 BL-R
12	CEM 4/56A:14	Y Junction rail 15/23:15 Y
13	CEM 4/56A:13	GR Junction rail 15/24:8 GR

54/3LB 13-pin white

No.	Passenger compartment harness	Engine compartment harness
1	Tank pressure sensor 7/84:1 LHD	BN Junction point 53/324 LHD BN
2	CEM 4/56B:14	BL Engine Control Module ECM 4/46B:45 R-SB
3	Junction point 53/431	GN Brake Control Module BCM 4/16:15 GN
4	Connector 54/34:4 LHD	BL Engine Control Module ECM 4/46B:7 LHD BL-SB
5	Sensor module DSTC 7/164:2	W Brake Control Module BCM 4/16:29 W-SB
6	Sensor module DSTC 7/164:1	BN Brake Control Module BCM 4/16:25 GN-Y
7	Sensor module DSTC 7/164:5	GR-W Brake Control Module BCM 4/16:39 GR-SB
8	Sensor module DSTC 7/164:3	GR Brake Control Module BCM 4/16:6 P-W
9	RR ABS sensor 7/57:1	BN Brake Control Module BCM 4/16:43 BN-W
10	RR ABS sensor 7/57:2	Y Brake Control Module BCM 4/16:42 Y-W
11	RL ABS sensor 7/56:1	BN Brake Control Module BCM 4/16:36 BN-OR
12	RL ABS sensor 7/56:2	Y Brake Control Module BCM 4/16:37 Y-VO
13	Fuse 11C/9:2	BL Brake Control Module BCM 4/16:4 BL

**Connector
54/3LC - 54/3LE**

54/3LC
6-pin white

No.	Passenger compartment harness		Engine compartment harness	
1	Connector 54/34:1 LHD	GN-GR	Junction rail 15/23:13 LHD	GN-GR
2	Connector 54/10:6	BN	Junction point 53/324 Engine Control Module ECM 4/46B:4	BN
3	Connector 54/10:5	W	Engine Control Module ECM 4/46B:29	OR-W
4	CEM 4/56A:20 Ignition switch 3/1:7	Y-W	Junction rail 15/24:16 Engine Control Module ECM 4/46B:23	GN-R
5	Relay for extended D2 feed, automatic transmission 2/101:1	VO-W	Transmission Control Module TCM 4/28A:35 Connector 54/7:1 CNG/LPG	VO-W
6	Shunt, direction indicator CEM, left 20/32:2	GN	FL fender direction indicator 10/15:2 FL lamp housing 10/1B:2	GN

54/3LD
4-pin white

No.	Passenger compartment harness		Engine compartment harness	
1	Fuel pump, auxiliary heater 6/35:1	Y	Connector 54/9:2	Y
2	Junction point 53/402	R	Junction rail relay/fuse box 15/21:2	R-W
3	Junction point 53/403	R	Junction rail relay/fuse box 15/28:1	R
4	Shunt, direction indicator CEM right 20/34:2	GN-W	FR fender direction indicator 10/16:2 FR lamp housing 10/2B:2	GN-W

54/3LE
6-pin white

No.	Passenger compartment harness		Engine compartment harness	
1	Junction point 53/443	BL-R	Engine Control Module ECM 4/46B:37	BL-R
2	High beam relay 2/63:1	BL	Junction rail 15/22:3	BL
3	Relay, low beam 2/62:1	GR	Junction rail 15/22:1	BL-W
4	Fuse 11C/1:2 LHD	BL-BN	-	-
5	Fuse 11C/2:2 LHD	BL-Y	-	-
6	Front fog light relay 2/34:1	P	FR fog light 10/6:1 FL fog light 10/5:1	P

**Connector
54/3LF - 54/3LG**

54/3LF
13-pin white

No.	Passenger compartment harness		Engine compartment harness
1	Combined instrument panel DIM 5/1:4	GR	Engine Control Module ECM 4/46B:46
2	CEM 4/56A:5	R-W	Junction rail 15/24:1
3	CEM 4/56A:1	Y-GR	Reversing light contact 3/10:1
4	CEM 4/56D:9	Y	Automatic transmission 8/37B:1
5	CEM 4/56D:6 Data link connector 17/13:7	W	Engine Control Module ECM 4/46B:22 Transmission Control Module TCM 4/28B:22
6	Gear Shift Module GSM 3/156A:2	GN-W	Transmission Control Module TCM 4/28B:21
7	Fuse 11C/38:2	R	Alarm siren SCM 16/35:1
8	CEM 4/56B:16 Connector 54/13:14	W	Motor, windshield wiper 6/1:3
9	Combined instrument panel DIM 5/1:5	Y-R	Brake fluid level sensor 7/4:1
10	Fuse 11C/31:2	GR	Junction point 53/379
11	Fuse 11C/30:2	W	Junction point 53/378
12	Junction point 53/437	VO-W	Connector 54/9:4
13	CEM 4/56A:18 Light Switch Module LSM 3/111:3	GN-W	Connector 54/9:6

54/3LG
13-pin white

No.	Passenger compartment harness		Engine compartment harness
1	CEM 4/56A:12	W	Stepper motor, speed-dependent power steering 6/71:5
2	CEM 4/56A:11	GN	Stepper motor, speed-dependent power steering 6/71:4
3	CEM 4/56A:7	Y	Stepper motor, speed-dependent power steering 6/71:3
4	CEM 4/56A:6	BN	Stepper motor, speed-dependent power steering 6/71:2
5	Connector 54/13:15	P	Alarm siren SCM 16/35:2
6	Junction point 53/430	W	Engine Control Module ECM 4/46B:13 Transmission Control Module TCM 4/28B:14
7	Junction point 53/431	GN	Engine Control Module ECM 4/46B:1 Transmission Control Module TCM 4/28B:2
8	CEM 4/56C:6	BN-W	Connector 54/8:2
9	CEM 4/56A:4	Y	Connector 54/4:3
10	CEM 4/56B:15	Y	Windshield washer pump 6/2:3
11	CEM 4/56A:9	GN-R	LH headlight adjustment motor 6/38:2 RH headlight adjustment motor 6/39:2
12	CEM 4/56B:4	Y	Engine Control Module ECM 4/46B:26 Brake light contact 3/9:5
13	Fuse 11C/12:2	VO	Junction point 53/380

**54/3LH
2-pin black**

No.	Passenger compartment harness	Engine compartment harness
1	Junction point 53/415	R
2	-	-

54/4

4-pin dark gray

No.	Engine compartment harness	Front harness	
1	Junction rail 15/25:11	R-SB	Horn 2 16/11:1
2	Junction rail 15/25:11	R-SB	Horn 1 16/10:1
3	Connector 54/3LG:9	Y	Hood alarm contact 3/62:1
4	Junction point 53/331	GR-SB	Junction point 53/382

54/7

6-pin dark gray

No.	Engine compartment harness	Engine harness	
1	Connector 54/3LC:5	VO-W	Junction point 53/313
2	-	-	-
3	Engine Control Module ECM 4/46B:32	W	Fuel distributor, gas 6/105:1
4	Engine Control Module ECM 4/46B:50	P-SB	Fuel distributor, gas 6/105:2
5	Engine Control Module ECM 4/46B:39	VO	Valve, fuel cut-off DFCO 8/75:1
6	-	-	-

54/8

2-pin dark gray

No.	Engine compartment harness	Auxiliary light harness	
1	Junction rail 15/25:3	R-SB	Junction point 53/343
2	Connector 54/3LG:8	BN-W	Auxiliary light (accessory) relay 2/64:1

**Connector
54/9 - 54/10**

54/9

6-pin dark gray

No.	Engine compartment harness		Heater harness	
1	Junction rail 15/25:7	R	Control module CPM 4/7:9	R
2	Connector 54/3LD:1	Y	Auxiliary heater 9/30	Y
3	Junction point 53/331	BN-SB	Junction point 53/351	SB
4	Connector 54/3LF:12	VO-W	Control module CPM 4/7:15	VO-W
5	-	-	-	-
6	Connector 54/3LF:13	GN-W	Control module CPM 4/7:6	GN-W

54/10

12-pin black

No.	Passenger compartment harness		FL door harness	
1	Fuse 11C/35:2	R	Control module, FL door DDM/PDM 3/126B:12	R
2	Fuse 11C/27:2	R-W	Control module, FL door DDM/PDM 3/126B:7	R-W
3	Junction point 53/516	W	Control module, FL door DDM/PDM 3/126A:2	W
4	Junction point 53/517	GN	Control module, FL door DDM/PDM 3/126A:3	GN
5	Connector 54/3LC:3	W	LH power door mirror 6/62:2	W
6	Connector 54/3LC:2	BN	LH power door mirror 6/62:3	BN
7	-	-	-	-
8	CEM 4/56D:7	P	FL door lock unit 3/74:3	P
9	Audio 16/1B:1 Connector 54/14:1	GR-R	Junction point 53/519	GR-R
10	Audio 16/1B:2 Connector 54/14:2	GR	Junction point 53/520	GR
11	Junction point 53/500	SB	Control module, FL door DDM/PDM 3/126B:5	SB
12	Junction point 53/510 LHD Ground connection 31/66	BN	Control module, FL door DDM/PDM 3/126B:9	BN

54/11

12-pin black

No.	Passenger compartment harness		FR door harness	
1	Fuse 11C/36:2	R	Control module, FR door PDM/DDM 3/127B:12	R
2	Fuse 11C/27:2	R-W	Control module, FR door PDM/DDM 3/127B:7	R-W
3	Junction point 53/433	W	Control module, FR door PDM/DDM 3/127A:2	W
4	Junction point 53/434	GN	Control module, FR door PDM/DDM 3/127A:3	GN
5	-	-	RH power door mirror 6/63:2	W
6	-	-	RH power door mirror 6/63:3	BN
7	-	-	-	-
8	CEM 4/56D:8	P	FR door lock unit 3/75:3	P
9	Audio 16/1B:5 Connector 54/14:5	GR-R	Junction point 53/521	GR-R
10	Audio 16/1B:6 Connector 54/14:6	GR	Junction point 53/522	GR
11	Junction point 53/501	SB	Control module, FR door PDM/DDM 3/127B:5	SB
12	Ground connection 31/67 LHD Junction point 53/511 RHD	BN	Control module, FR door PDM/DDM 3/127B:9	BN

54/12

4-pin orange

No.	Passenger compartment harness		Airbag (SRS) harness	
1	SRS control module 4/9B:12	OR	Passenger side airbag igniter 8/31:1	BL
2	SRS control module 4/9B:11	SB	Passenger side airbag igniter 8/31:2	BN
3	SRS control module 4/9B:14	GN-OR	Igniter, passenger side airbag stage 2 8/32:2	BN
4	SRS control module 4/9B:13	OR	Igniter, passenger side airbag stage 2 8/32:1	BL

Connector
54/13 - 54/14

54/13
22-pin black

No.	Passenger compartment harness		Roof harness	
1	Fuse 11C/28:2	R	Junction point 53/534	R
2	-	-	-	-
3	-	-	-	-
4	-	-	-	-
5	Junction point 53/516	W	Upper Electronic Module UEM 4/70:3	W
6	Junction point 53/517	GN	Upper Electronic Module UEM 4/70:5	GN
7	-	-	-	-
8	-	-	-	-
9	-	-	-	-
10	-	-	-	-
11	CEM 4/56B:5	Y-R	-	-
12	-	-	-	-
13	-	-	-	-
14	Connector 54/3LF:8	W	Connector 54/16:4	BL-W
15	Connector 54/3LG:5	P	Upper Electronic Module UEM 4/70:21 Sunroof control module SRM 4/33:4	P
16	CEM 4/56A:15	Y	RH glass breakage sensor 7/136A:1	Y
17	-	-	-	-
18	-	-	-	-
19	-	-	-	-
20	Junction point 53/400	BN	Junction point 53/503	BN
21	Fuse 11C/34:2	R	Sunroof control module SRM 4/33:1	R
22	Junction point 53/405	SB	Sunroof control module SRM 4/33:10	SB

54/14
12-pin light gray

No.	Passenger compartment harness		Audio harness	
1	Connector 54/10:9	GR-R	Amplifier 16/2B:1	GR-R
2	Connector 54/10:10	GR	Amplifier 16/2B:2	GR
3	-	-	-	-
4	-	-	-	-
5	Connector 54/11:9	GR-R	Amplifier 16/2B:5	GR-R
6	Connector 54/11:10	GR	Amplifier 16/2B:6	GR
7	Junction point 53/523	GR-W	Amplifier 16/2B:7	GR-W
8	Junction point 53/524	GR	Amplifier 16/2B:8	GR
9	-	-	-	-
10	-	-	-	-
11	Junction point 53/525	GR-W	Amplifier 16/2B:11	GR-W
12	Junction point 53/526	GR	Amplifier 16/2B:12	GR

54/16

5-pin green

No.	Roof harness	Rain sensor harness	
1	Upper Electronic Module UEM 4/70:13	W	Rain sensor 7/149:1
2	Junction point 53/503	BN	Rain sensor 7/149:2
3	Junction point 53/505	VO-W	Rain sensor 7/149:3
4	Connector 54/13:14	BL-W	Rain sensor 7/149:4
5	-	-	-

54/20

12-pin black

No.	Passenger compartment harness	RL door harness	
1	Junction point 53/523	GR-W	RL door speaker 16/6:1
2	Junction point 53/524	GR	RL door speaker 16/6:2
3	CEM 4/56B:12	P	RL door lock unit 3/76:2
4	CEM 4/56B:13	BL	RL door lock unit 3/76:5
5	Junction point 53/446	Y	RL door power window switch 3/85:1 Junction point 53/527
6	Relay, RL power window down 2/118:1	BL	RL door power window switch 3/85:3
7	Junction point 53/504	W	-
8	Relay, RL power window up 2/116:1	GN-BN	RL door power window switch 3/85:5
9	Connector 54/40A:4	VO	RL door lock unit 3/76:8 Deadlock relay, RL door 2/138:1
10	Connector 54/40A:3	GR	RL door lock unit 3/76:6
11	Connector 54/40A:2	Y	RL door lock unit 3/76:4
12	Junction point 53/500	SB	Junction point 53/531

**Connector
54/21 - 54/22B**

**54/21
12-pin black**

No.	Passenger compartment harness		RR door harness	
1	Junction point 53/525	GR-W	RR door speaker 16/5:1	GR-W
2	Junction point 53/526	GR	RR door speaker 16/5:2	GR
3	CEM 4/56C:18	P	RR door lock unit 3/77:2	P
4	CEM 4/56C:3	BL	RR door lock unit 3/77:5	BL
5	Junction point 53/446	Y	RR door power window switch 3/86:1 Junction point 53/528	Y
6	Relay, RR power window down 2/119:1	BL	RR door power window switch 3/86:3	BL
7	Junction point 53/504	W	-	-
8	Relay, RR power window up 2/117:1	GN-BN	RR door power window switch 3/86:5	GN-BN
9	Connector 54/43A:4	VO	RR door lock unit 3/77:8 Deadlock relay, RR door 2/139:1	VO
10	Connector 54/43A:3	GR	RR door lock unit 3/77:6	GR
11	Connector 54/43A:2	Y	RR door lock unit 3/77:4	Y
12	Junction point 53/501	SB	Junction point 53/532	SB

**54/22A
4-pin black**

No.	Engine compartment harness		Bi-Xenon harness	
1	Junction point 53/301	GR-SB	Junction point 53/387	SB
2	Junction point 53/378	W	Junction point 53/391	W
3	-	-	-	-
4	Junction rail 15/25:13	BL	FL lamp housing 10/1A:1	BL

**54/22B
3-pin dark gray**

No.	Engine compartment harness		Bi-Xenon harness	
1	Connector 54/3LA:1	GR	FL lamp housing 10/1A:5	GR
2	Connector 54/3LE:4	BL-GN	FL lamp housing 10/1A:6	BL-GN
3	Junction point 53/389	BL-W	FL lamp housing 10/1A:2	BL-W

54/23A
4-pin black

No.	Engine compartment harness		Bi-Xenon harness	
1	Junction point 53/303	SB	Junction point 53/388	SB
2	Junction point 53/379	GR	Junction point 53/392	W
3	-	-	-	-
4	Junction rail 15/25:12	BL-P	FR lamp housing 10/2A:1	BL

54/23B
3-pin dark gray

No.	Engine compartment harness		Bi-Xenon harness	
1	Connector 54/3LA:2	GN	FR lamp housing 10/2A:5	GR
2	Connector 54/3LE:5	BL-Y	FR lamp housing 10/2A:6	BL-GN
3	Junction point 53/390	BL-W	FR lamp housing 10/2A:2	BL-W

54/24
13-pin black

No.	Passenger compartment harness		FL seat harness	
1	Fuse 11C/7:2	BL	LH seat heater control module 4/201A:4	R
2	CEM 4/56B:11	Y-GR	LH seat heater control module 4/201A:2	Y
3	Junction point 53/500	SB	LH seat heater control module 4/201A:1	SB
4	Junction point 53/419	VO	Switch, seat belt latch, LH seat 3/93:1	VO
5	CEM 4/56B:9	OR-SB	Switch, seat belt latch, LH seat 3/93:2	OR-SB
6	-	-	-	-
7	SRS control module 4/9A:4	OR	FL side airbag igniter 8/51:1	BL
8	SRS control module 4/9A:3	BL-OR	FL side airbag igniter 8/51:2	BN
9	Integrated mobile telephone PHM 16/60:5 LHD	GR-R	Speaker, mobile telephone 16/78:1	GR-R
10	Integrated mobile telephone PHM 16/60:4 LHD	GR	Speaker, mobile telephone 16/78:2	GR
11	Fuse 11C/6:2 RHD	R	Power passenger seat module 3/27A:1	GN-R
12	Junction point 53/419 RHD	VO	Power passenger seat module 3/27A:2	Y-R
13	Junction point 53/500 RHD	SB	Power passenger seat module 3/27A:3	SB

Connector
54/25 - 54/34

54/25
13-pin black

No.	Passenger compartment harness		FR seat harness	
1	Fuse 11C/8:2	BL	RH seat heater control module 4/202A:4	R
2	CEM 4/56C:4	Y-GR	RH seat heater control module 4/202A:2	Y
3	Junction point 53/501	SB	RH seat heater control module 4/202A:1	SB
4	Junction point 53/419	VO	Switch, seat belt latch, RH seat 3/94:1	VO
5	CEM 4/56C:2	OR-SB	Switch, seat belt latch, RH seat 3/94:2	OR-SB
6	-	-	-	-
7	SRS control module 4/9C:4	OR	FR side airbag igniter 8/52:1	BL
8	SRS control module 4/9C:3	BL-OR	FR side airbag igniter 8/52:2	BN
9	Integrated mobile telephone PHM 16/60:5 RHD	GR-R	Speaker, mobile telephone 16/78:1	GR-R
10	Integrated mobile telephone PHM 16/60:4 RHD	GR	Speaker, mobile telephone 16/78:2	GR
11	Fuse 11C/6:2 LHD	R	Power passenger seat module 3/27A:1	GN-R
12	Junction point 53/419 LHD	VO	Power passenger seat module 3/27A:2	Y-R
13	Junction point 53/501 LHD	SB	Power passenger seat module 3/27A:3	SB

54/32
3-pin light gray

No.	Cargo compartment harness		RL angle sensor harness	
1	REM 4/58B:10	GN-R	RL angle sensor 7/120:5	BL-R
2	REM 4/58B:8	GR	RL angle sensor 7/120:4	GR-W
3	REM 4/58B:6	BN-W	RL angle sensor 7/120:1	BN

54/34
4-pin light gray LHD

No.	Passenger compartment harness		Fuel leakage pump harness	
1	Connector 54/3LC:1	GN-GR	Pump, fuel leakage control 6/67:4	GN-GR
2	Relay, fuel leakage control 2/143:3	R-SB	Pump, fuel leakage control 6/67:2	R-SB
3	Connector 54/3LA:4	GN	Pump, fuel leakage control 6/67:3	GN
4	Connector 54/3LB:4	BL	Pump, fuel leakage control 6/67:1	BL-SB

54/35

4-pin light gray

No.	Cargo compartment harness		Heated fuel filter harness	
1	Relay, preheated fuel filter 2/142:4	Y	Thermostatic switch, fuel filter 8/85:1	Y
2	REM 4/58D:16	SB	Thermostatic switch, fuel filter 8/85:2	SB
3	Relay, preheated fuel filter 2/142:1	BL	Electrically heated fuel filter 9/38:1	BL
4	Junction point 53/604	SB	Electrically heated fuel filter 9/38:2	SB

54/37

14-pin light gray

No.	Passenger compartment harness		Adapter cable harness AEM	
1	Fuse 11C/30:2	W	Connector 54/40:1	W
2	Connector 54/20:11	Y	Connector 54/40:2	Y
3	Connector 54/20:10	GR	Connector 54/40:3	GR
4	Connector 54/20:9	VO	Connector 54/40:4	VO
5	Junction point 53/435	GN	Junction point 53/538	GN
6	Junction point 53/436	W	Junction point 53/537	W
7	Shunt, indicator CEM, left 20/32:2	GN	Connector 54/40:7	GN
8	Fuse 11C/31:2	GR	Connector 54/40:8	GR
9	Junction point 53/523	GR-W	Connector 54/40:9	GR-W
10	Junction point 53/524	GR	Connector 54/40:10	GR
11	Fuel pump 6/33:5 Connector 54/79:5 CNG/LPG	GN	Connector 54/40:11	GN
12	Fuel pump 6/33:6 Connector 54/79:6 CNG/LPG	BN	Connector 54/40:12	BN
13	Fuel pump 6/33:7 Connector 54/79:7 CNG/LPG	BL	Connector 54/40:13	BL
14	-	-	Connector 54/40:14	GN-Y

54/39

4-pin orange

No.	Passenger compartment harness		Seatbelt tensioner harness	
1	Control module, Supplemental Restraint System (SRS) 4/9C:16	OR	RR belt tensioner igniter 8/56:1	OR
2	Control module, Supplemental Restraint System (SRS) 4/9C:15	BL-OR	RR belt tensioner igniter 8/56:2	BL-OR
3	Control module, Supplemental Restraint System (SRS) 4/9C:24	OR	Belt tensioner igniter, center rear seat 8/62:1	OR
4	Control module, Supplemental Restraint System (SRS) 4/9C:23	GN-OR	Belt tensioner igniter, center rear seat 8/62:2	GN-OR

Connector

54/40

54/40 14-pin light gray

No.	Adapter cable harness AEM		Cargo compartment harness	
1	Connector 54/37:1	W	Shunt, parking light REM 20/28:3	W
2	Connector 54/37:2	Y	Junction point 53/627	Y
3	Connector 54/37:3	GR	Unlocking relay, RL 2/112:1	GR-SB
4	Connector 54/37:4	VO	Relay, deadlock, rear doors 2/115:1	VO
5	Junction point 53/538	GN	REM 4/58A:16 Junction point 53/664 AEM	GN
6	Junction point 53/537	W	REM 4/58A:14 Junction point 53/663 AEM	W
7	Connector 54/37:7	GN	RL lamp housing 10/18B:1	GN
8	Connector 54/37:8	GR	Junction point 53/609	GR
9	Connector 54/37:9	GR-W	Speaker, LH D-pillar 16/57:1 Junction point 53/654	GR-W
10	Connector 54/37:10	GR	Speaker, LH D-pillar 16/57:2 Junction point 53/655	GR
11	Connector 54/37:11	GN	REM 4/58A:2	GN
12	Connector 54/37:12	BN	REM 4/58A:10 Junction point 53/608 CNG/LPG	BN
13	Connector 54/37:13	BL	REM 4/58A:8	BL
14	Connector 54/37:14	GN-Y	Fuse 11D/17:2	BL

54/40A 14-pin light gray

No.	Passenger compartment harness		Cargo compartment harness	
1	Fuse 11C/30:2	W	Shunt, parking light REM 20/28:3	W
2	Connector 54/20:11	Y	Junction point 53/627	Y
3	Connector 54/20:10	GR	Unlocking relay, RL 2/112:1	GR-SB
4	Connector 54/20:9	VO	Relay, deadlock, rear doors 2/115:1	VO
5	Junction point 53/435	GN	REM 4/58A:16 Junction point 53/664 AEM	GN
6	Junction point 53/436	W	REM 4/58A:14 Junction point 53/663 AEM	W
7	Shunt, direction indicator CEM, left 20/32:2	GN	Lamp housing, LH tail light 10/18B:1	GN
8	Fuse 11C/31:2	GR	Junction point 53/609	GR
9	Junction point 53/523	GR-W	Speaker, LH D-pillar 16/57:1 Junction point 53/654	GR-W
10	Junction point 53/524	GR	Speaker, LH D-pillar 16/57:2 Junction point 53/655	GR
11	Fuel pump 6/33:5 Connector 54/79:5 CNG/LPG	GN	REM 4/58A:2	GN
12	Fuel pump 6/33:6 Connector 54/79:6 CNG/LPG	BN	REM 4/58A:10 Junction point 53/608 CNG/LPG	BN
13	Fuel pump 6/33:7 Connector 54/79:7 CNG/LPG	BL	REM 4/58A:8	BL
14	-	-	Fuse 11D/17:2	BL

54/43A
14-pin light gray

No.	Passenger compartment harness		Cargo compartment harness	
1	-	-	-	-
2	Connector 54/21:11	Y	Junction point 53/627	Y
3	Connector 54/21:10	GR	RR unlocking relay 2/114:1	GR
4	Connector 54/21:9	VO	Relay, deadlock, rear doors 2/115:1	VO
5	-	-	-	-
6	-	-	-	-
7	Shunt, indicator CEM, right 20/34:2	GN-W	Lamp housing, RH tail light 10/17B:1	GN-W
8	Fuse 11C/20:2	BL	REM 4/58F:3	BL
9	Junction point 53/525	GR-W	Speaker, RH D-pillar 16/58:1 Junction point 53/652	GR-W
10	Junction point 53/526	GR	Speaker, RH D-pillar 16/58:2 Junction point 53/653	GR
11	CEM 4/56C:5	P	Connector 54/50:H	P
12	-	-	-	-
13	CEM 4/56B:6	GN-Y	REM 4/58A:4	GN-Y
14	-	-	-	-

54/44
4-pin orange

No.	Passenger compartment harness		LH inflatable curtain harness	
1	Control module, Supplemental Restraint System (SRS) 4/9A:21	OR	LH inflatable curtain igniter 8/66:1	OR
2	Control module, Supplemental Restraint System (SRS) 4/9A:22	OR-SB	LH inflatable curtain igniter 8/66:2	OR-W
3	-	-	-	-
4	Audio 16/1A:9	BL-W	LH window antenna amplifier 16/16:2	BL-W

54/45
2-pin orange

No.	Passenger compartment harness		RH inflatable curtain harness	
1	Control module, Supplemental Restraint System (SRS) 4/9C:21	OR	RH inflatable curtain igniter 8/67:1	OR
2	Control module, Supplemental Restraint System (SRS) 4/9C:22	OR-SB	RH inflatable curtain igniter 8/67:2	OR-W

Connector
54/50 - 54/51

54/50
14-pin light gray

No.	Cargo compartment harness		Trunk lid/tailgate harness	
1	Relay, heated rear window 2/82:3	R	Heated rear window 9/2:1	Y
2	Junction point 53/609	GR	License plate lighting 10/3:1	GR
3	REM 4/58D:4	Y-R	Auxiliary brake light 10/19:1	Y
4	Connector 54/43A:11	P	Trunk lid/tailgate lock unit 3/78:1	P
5	-	-	-	-
6	Junction point 53/601	SB	License plate lighting 10/3:2	SB
7	Junction point 53/601	SB	Motor, rear window wiper 6/32:3	SB
8	Relay, rear window wiper 2/72:1	Y	Motor, rear window wiper 6/32:1	Y
9	Relay, intermittent rear window wiping on/off 2/16:1	W	Motor, rear window wiper 6/32:2	W
10	Junction point 53/627	Y	Trunk lid/tailgate lock unit 3/78:7	Y
11	Unlocking relay, trunk lid/tailgate 2/87:1	GR	Trunk lid/tailgate lock unit 3/78:6	GR
12	-	-	-	-
13	-	-	-	-
14	Ground connection 31/48	SB	Heated rear window 9/2:2	SB

54/51
13-pin light gray

No.	Cargo compartment harness		Towing bracket wiring	
1	Fuse 11D/15:2	BL	15l feed	BL
2	Fuse 11D/9:2	R	30 feed	R
3	-	-	-	-
4	Relay, brake lights 2/79:1	Y	Brake lights	Y
5	Relay, fog lights 2/83:1	P	Rear fog light	P
6	-	-	-	-
7	Ground connection 31/73	SB	Ground connection	SB
8	Junction point 53/609	GR	RH parking light	GR
9	Lamp housing, RH tail light 10/17B:1	GN-W	RH direction indicator	GN-W
10	Lamp housing, LH tail light 10/18B:1	GN	LH direction indicator	GN
11	Shunt, parking light REM 20/28:3	W	LH parking light	W
12	Junction point 53/615	BL	Reversing lights	BL
13	-	-	-	-

54/53

4-pin black

No.	Engine harness ME7		Knock sensor	
1	Engine Control Module ECM 4/46A:46	BN-SB	Front knock sensor 7/24:1	BN
2	Engine Control Module ECM 4/46A:64	SB	Front knock sensor 7/24:2	SB
3	Engine Control Module ECM 4/46A:45	BN	Rear knock sensor 7/23:1	BN
4	Engine Control Module ECM 4/46A:67	Y-SB	Rear knock sensor 7/23:2	SB

54/54

8-pin light gray

No.	Cargo compartment harness		Fuel tank harness CNG/LPG	
1	REM 4/58B:5	GR-R	Pressure and temperature sensor CNG 7/156:1	GR-R
2	REM 4/58B:16	VO	Pressure and temperature sensor CNG 7/156:2	VO
3	REM 4/58C:1	Y	Pressure and temperature sensor CNG 7/156:3	Y
4	REM 4/58C:2	Y-GR	Pressure and temperature sensor CNG 7/156:4	Y-GR
5	REM 4/58A:2	GN-Y	Sensor, fuel level LPG 7/153:1	BL
6	Junction point 53/608	BN	Sensor, fuel level LPG 7/153:2	BN
7	Relay CNG/LPG 2/140:1	Y-R	Solenoid, fuel tank CNG rear 8/88:1 Gas tank valve 8/76:2 LPG	Y-R
8	Junction point 53/604	SB	Solenoid, fuel tank CNG rear 8/88:2 Gas tank valve 8/76:1 LPG	SB

54/55 RHD

3-pin dark gray

No.	Engine compartment harness		Brake pressure sensor harness	
1	Brake Control Module BCM 4/16:19	GN-BN	Brake pressure sensor 2 7/129:1	W
2	Brake Control Module BCM 4/16:20	GN-W	Brake pressure sensor 2 7/129:2	GR
3	Brake Control Module BCM 4/16:18	GR-W	Brake pressure sensor 2 7/129:3	BN

54/56 RHD

3-pin dark gray

No.	Engine compartment harness		Brake pressure sensor harness	
1	Brake Control Module BCM 4/16:21	BL-BN	Brake pressure sensor 1 7/139:1	W
2	Brake Control Module BCM 4/16:23	OR-W	Brake pressure sensor 1 7/139:2	GR
3	Brake Control Module BCM 4/16:22	GR-OR	Brake pressure sensor 1 7/139:3	BN

**Connector
54/79 - 54/106**

**54/65
2-pin light gray**

No.	Cargo compartment harness		AEM harness	
1	Fuse 11D/11:2	R	Accessory Electronic Module AEM 4/78:2	R
2	-	-	-	-

**54/79
8-pin light gray**

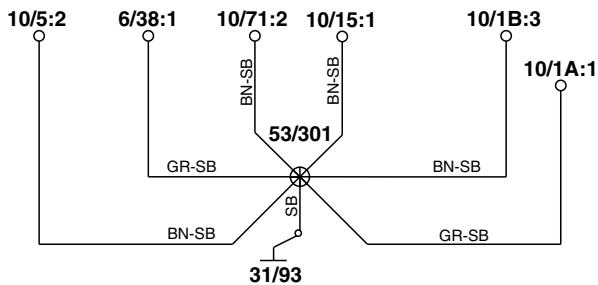
No.	Passenger compartment harness		Harness, fuel tank CNG/LPG adapter	
1	Fuel pump relay 2/23:1	BL	Fuel pump 6/33:5	BL
2	-	-	-	-
3	-	-	-	-
4	31/47	SB	Fuel pump 6/33:4	SB
5	Connector 54/40A:11	GN	-	-
6	Connector 54/40A:12	BN	Fuel pump 6/33:2	BN
7	Connector 54/40A:13	BL	Fuel pump 6/33:1	BL
8	-	-	-	-

**54/106
4-pin light gray**

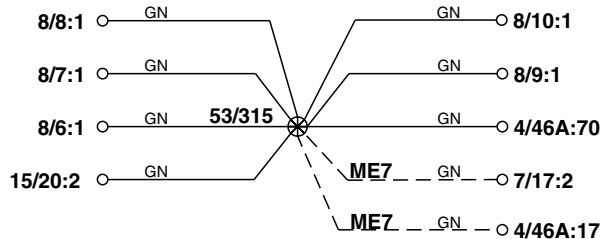
No.	Cargo compartment harness		Harness, fuel tank CNG front	
1	Relay CNG/LPG 2/140:1	Y-R	Solenoid, fuel tank CNG FL 8/89:1 Solenoid, fuel tank CNG FR 8/90:1	Y-R
2	Junction point 53/604	SB	Solenoid, fuel tank CNG FL 8/89:2 Solenoid, fuel tank CNG FR 8/90:2	SB
3	-	-	-	-
4	-	-	-	-

Junction points
53/301 - 53/328

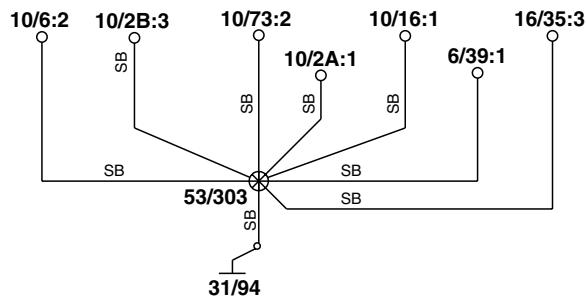
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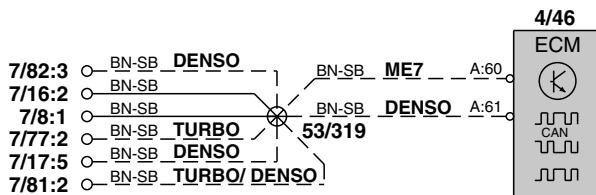
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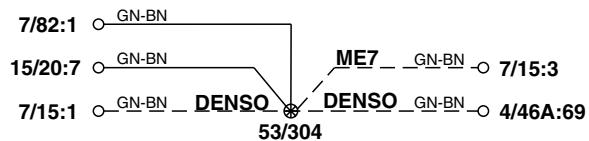
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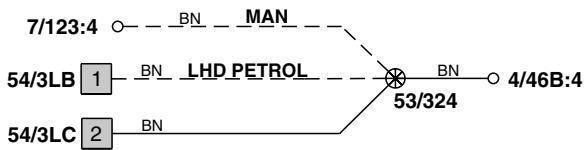
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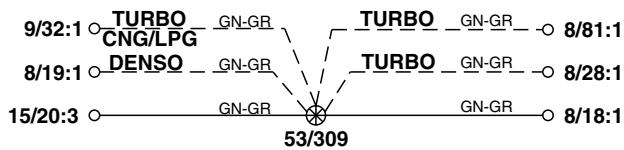
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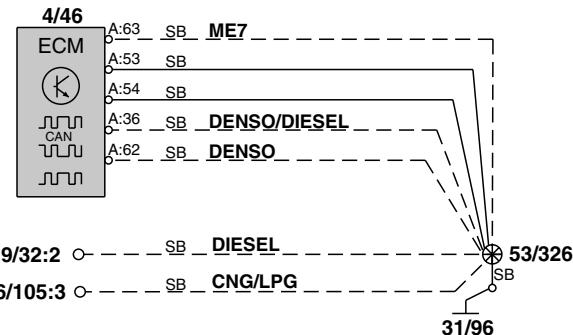
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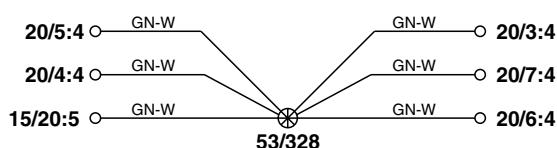
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**53/313
CNG/LPG**



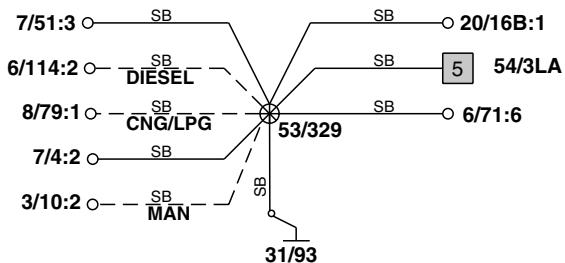
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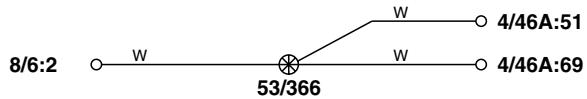
Junction points

53/329 - 53/370

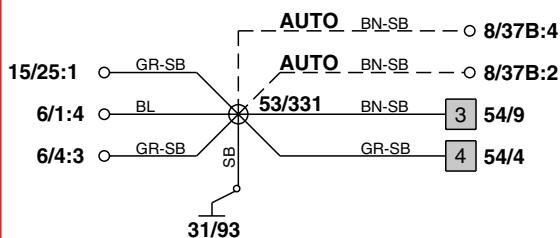
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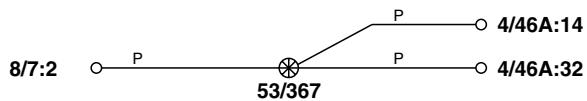
**53/366
CYL 1
DIESEL**



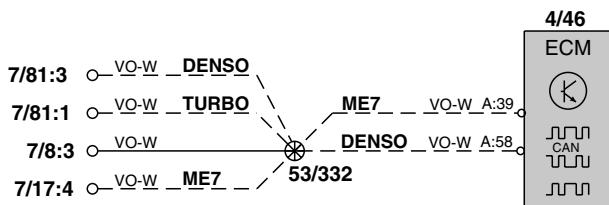
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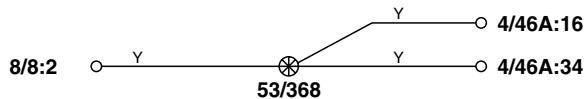
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CYL 2
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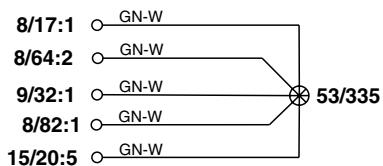
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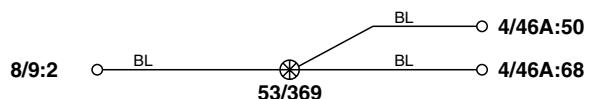
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CYL 3
DIESEL**



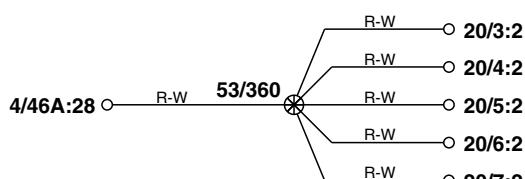
**53/335
DIESEL**



**53/369
CYL 4
DIESEL**



**53/360
DENSO**

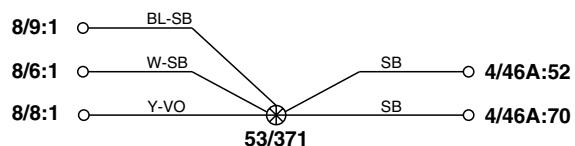


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CYL 5
DIESEL**

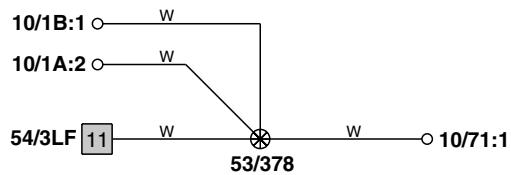


Junction points
53/371 - 53/384

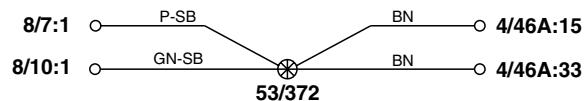
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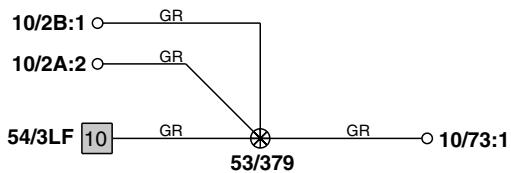
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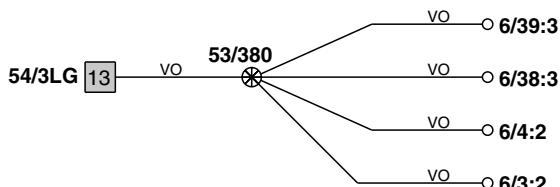
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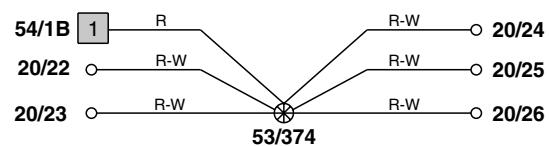
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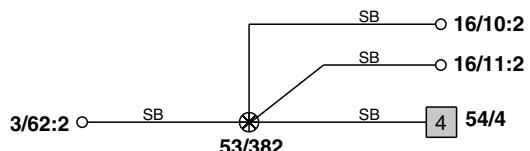
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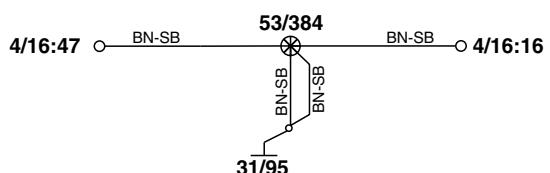
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DIESEL



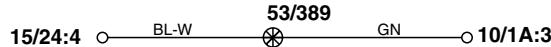
53/384



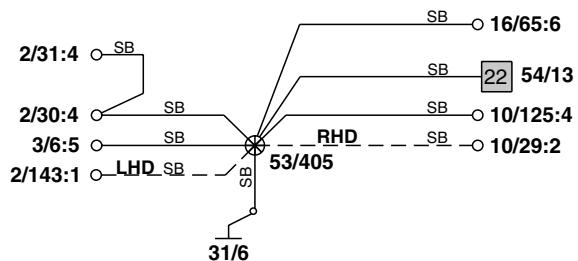
Junction points

53/389 - 53/419

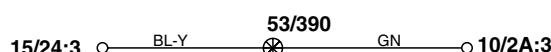
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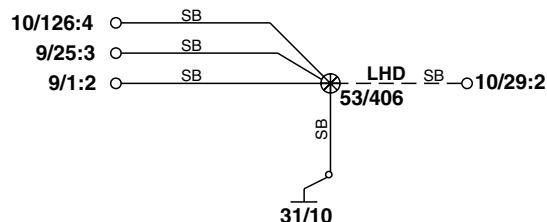
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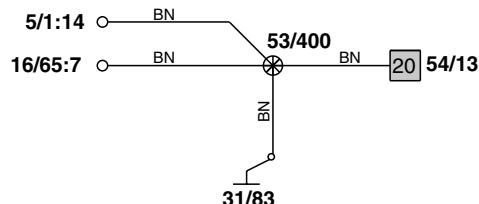
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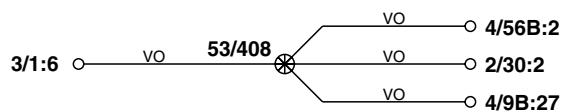
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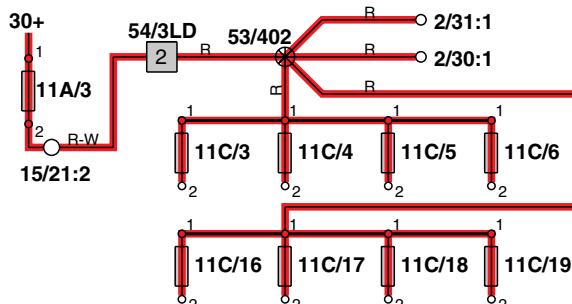
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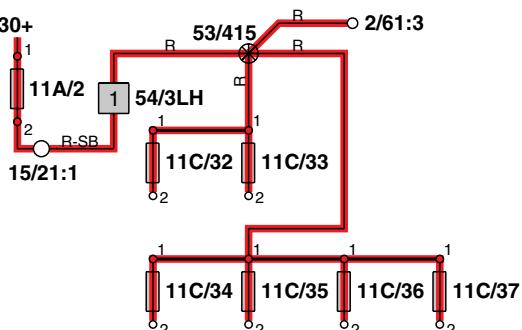
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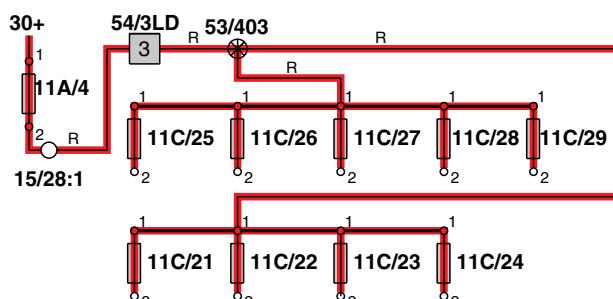
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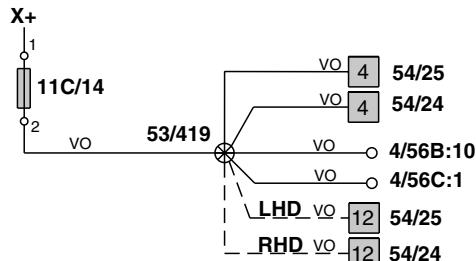
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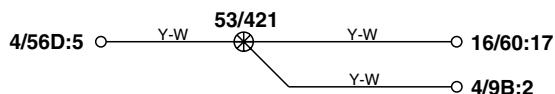


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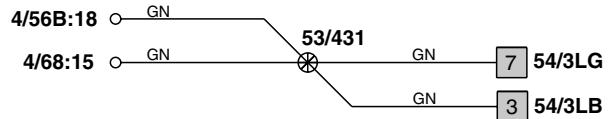


Junction points
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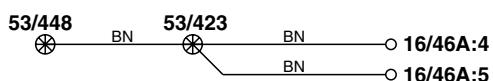
53/421



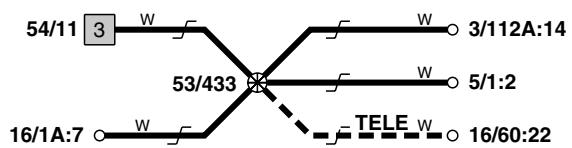
53/431



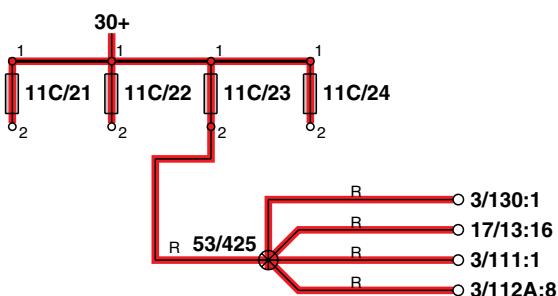
53/423



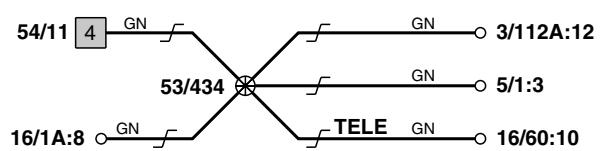
53/433



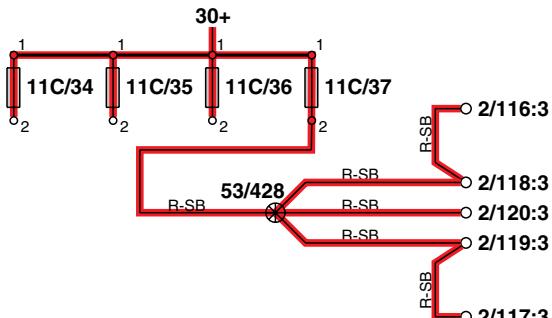
53/425



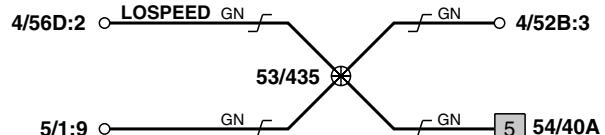
53/434



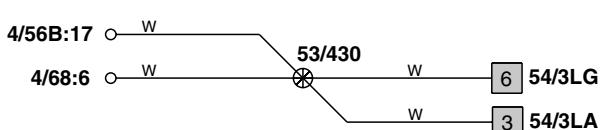
53/428



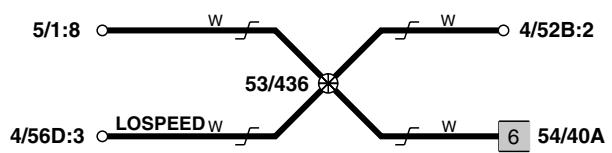
53/435



53/430



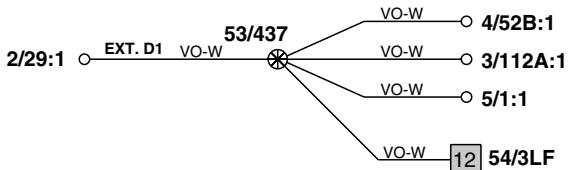
53/436



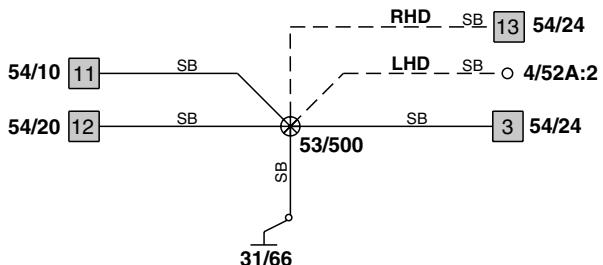
Junction points

53/437 - 53/505

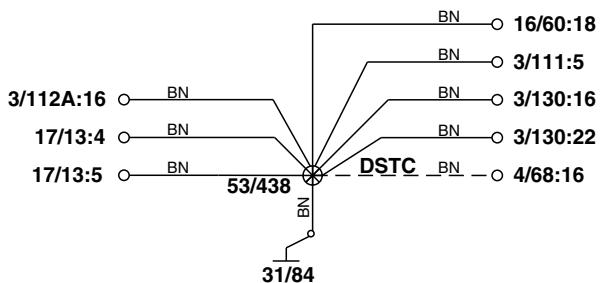
53/437



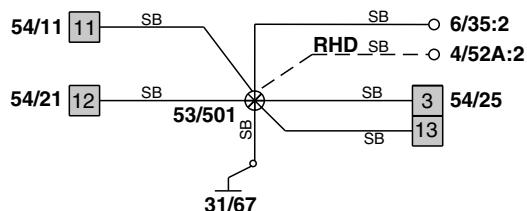
53/500



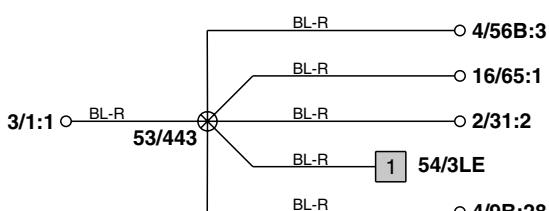
53/438



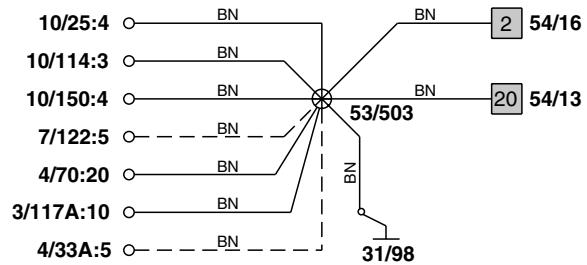
53/501



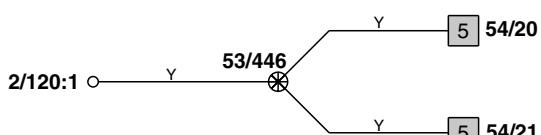
53/443



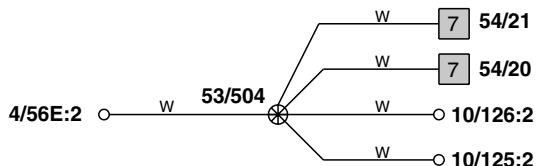
53/503



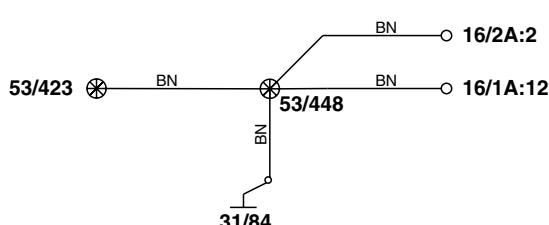
53/446



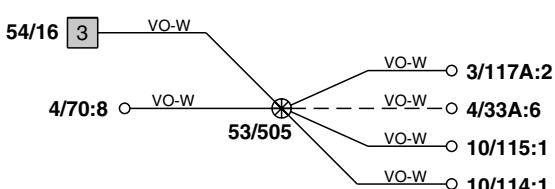
53/504



53/448

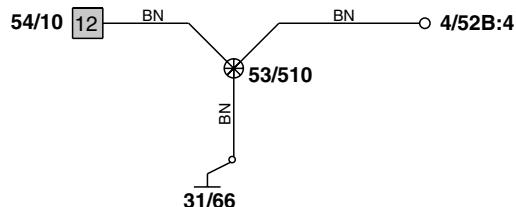


53/505

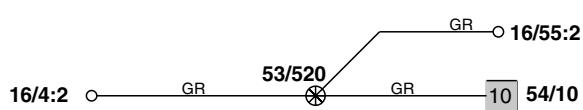


Junction points
53/510 - 53/524

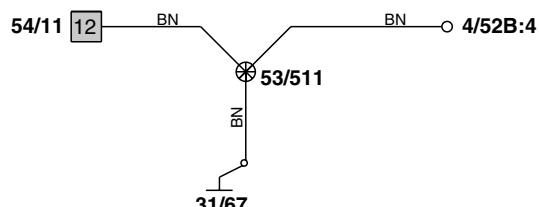
53/510
LHD



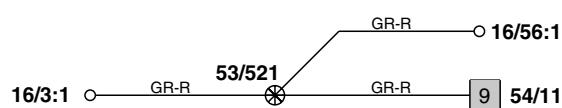
53/520



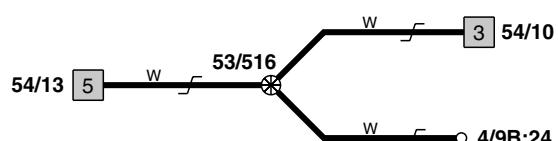
53/511
RHD



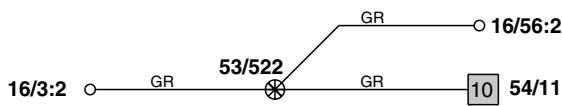
53/521



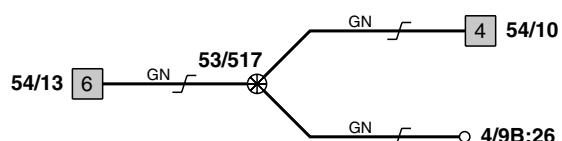
53/516



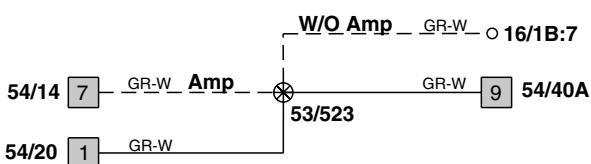
53/522



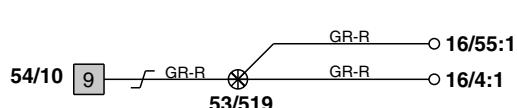
53/517



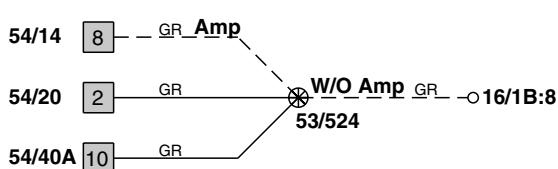
53/523



53/519



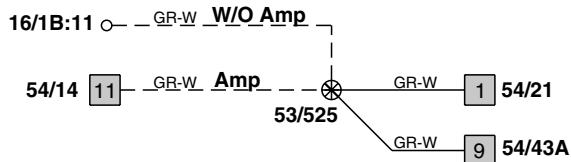
53/524



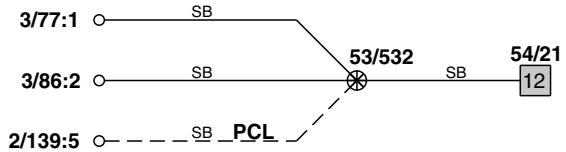
Junction points

53/525 - 53/601

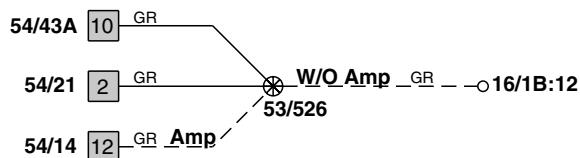
53/525



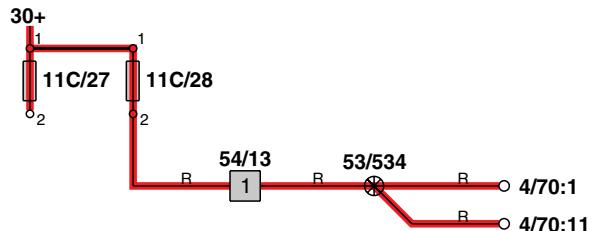
53/532



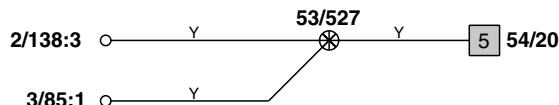
53/526



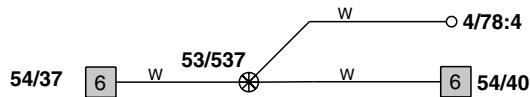
53/534



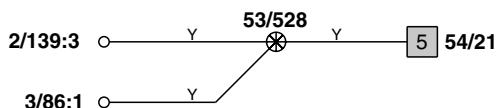
53/527



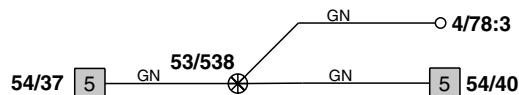
**53/537
AEM**



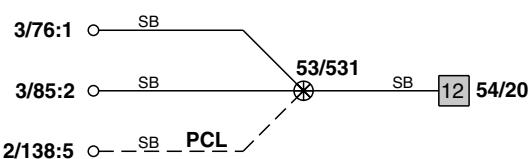
53/528



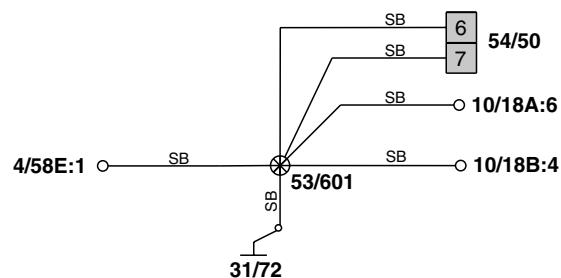
**53/538
AEM**



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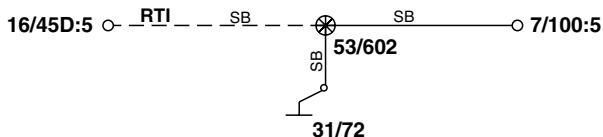


53/601

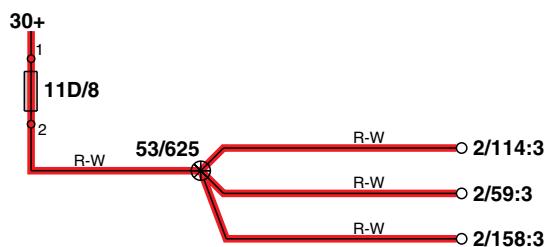


Junction points
53/602 - 53/654

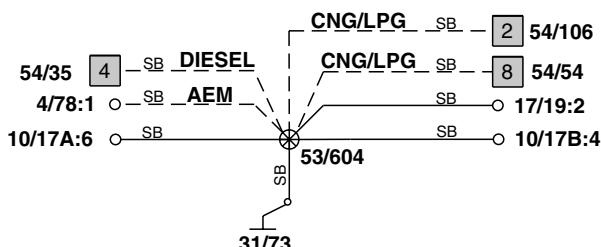
53/602



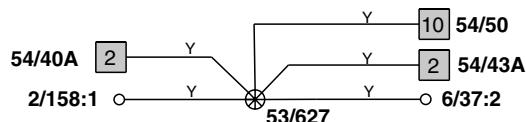
53/625



53/604



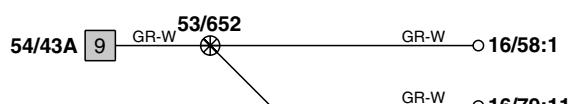
53/627



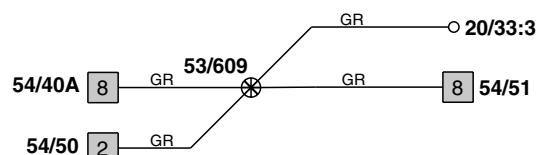
**53/608
CNG/LPG**



**53/652
SUBWOOFER**



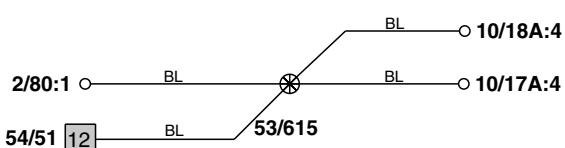
53/609



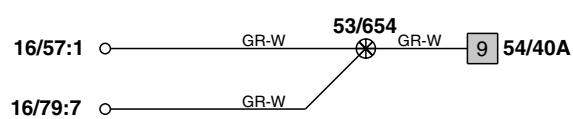
**53/653
SUBWOOFER**



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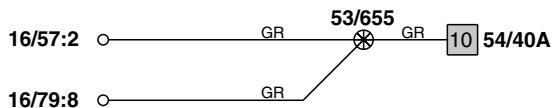


**53/654
SUBWOOFER**

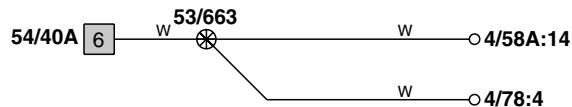


Junction points
53/655 - 53/664

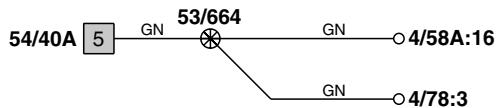
**53/655
SUBWOOFER**



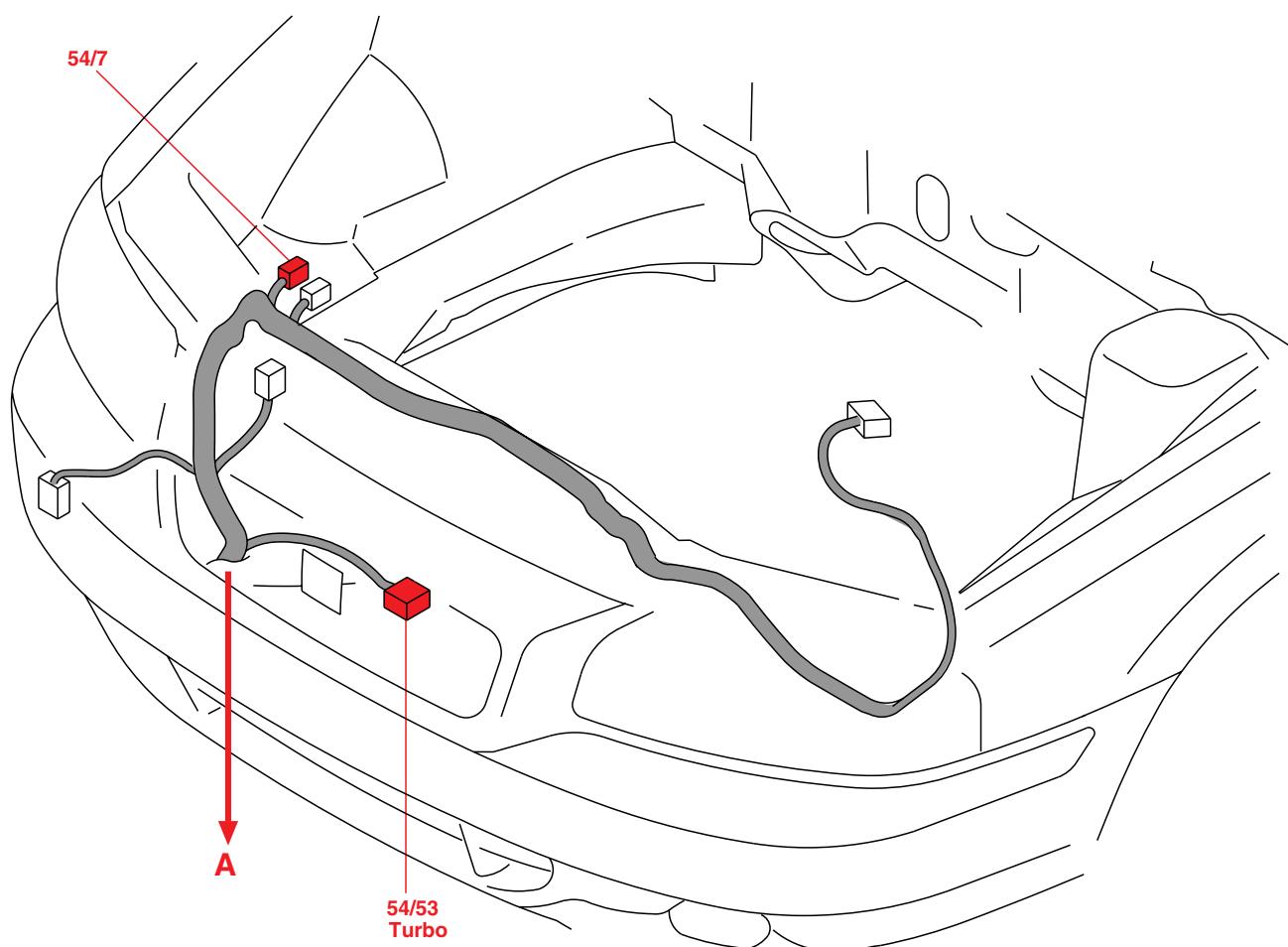
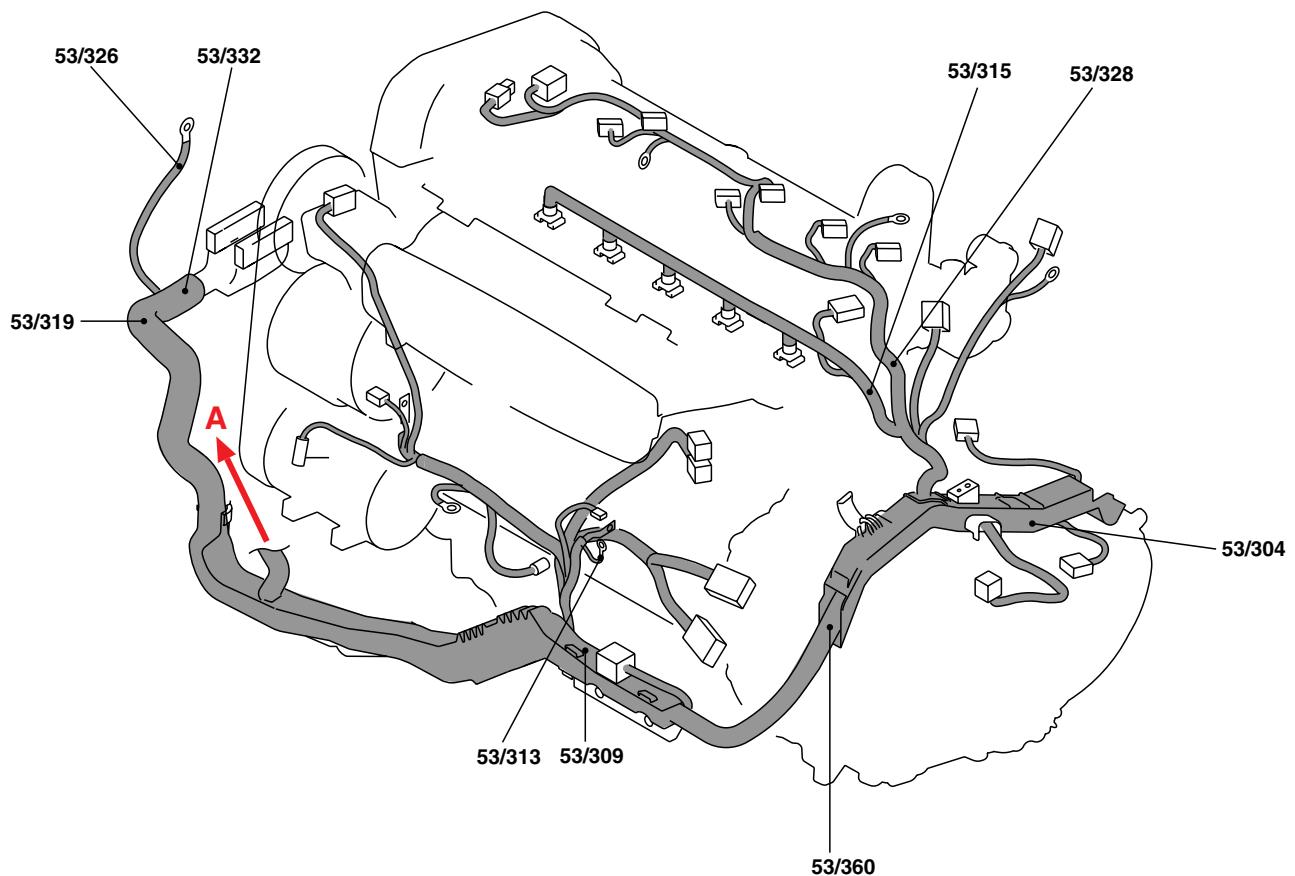
**53/663
AEM**



**53/664
AEM**

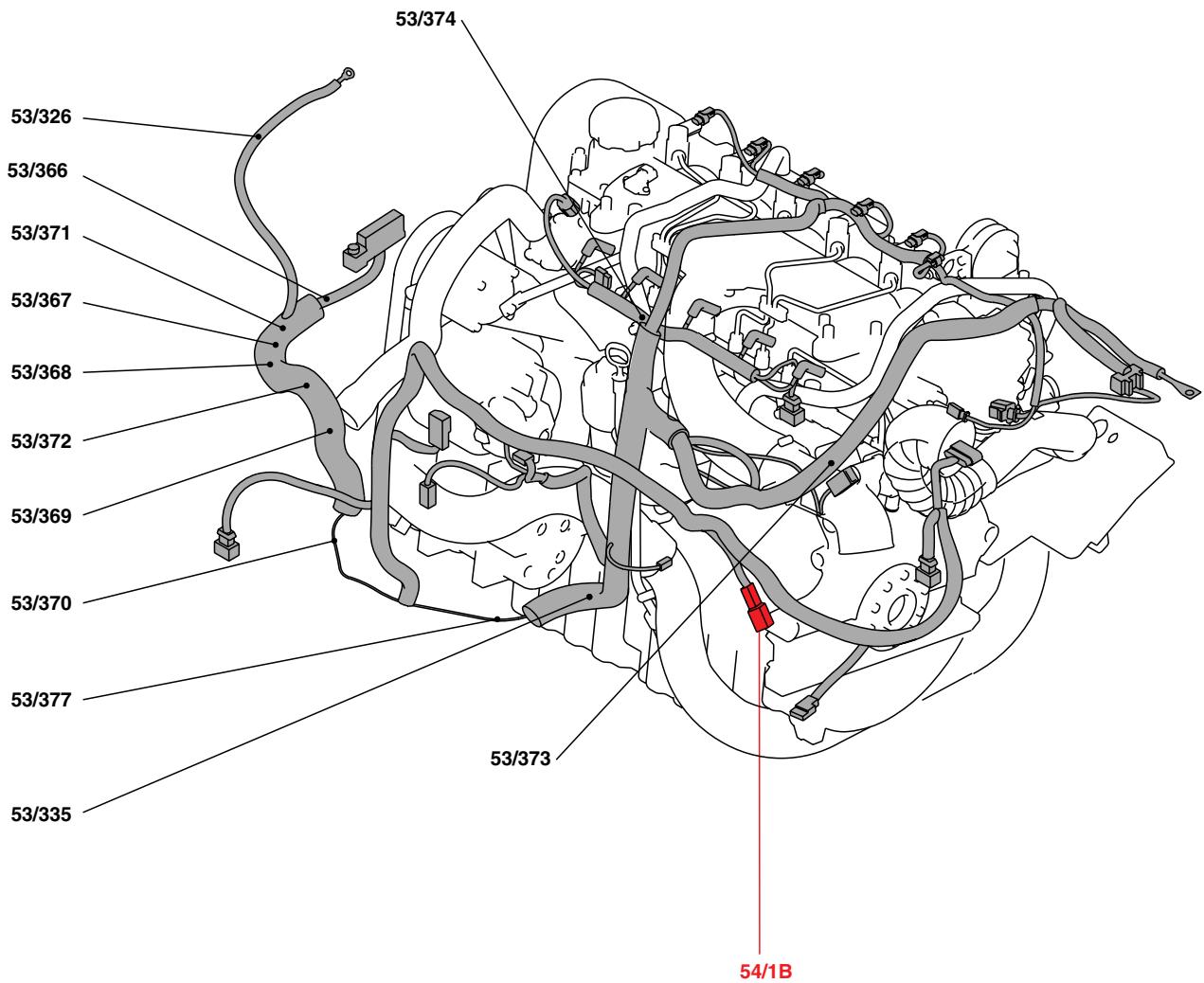


Cable harness routing in vehicle
Engine harness ME7/Denso

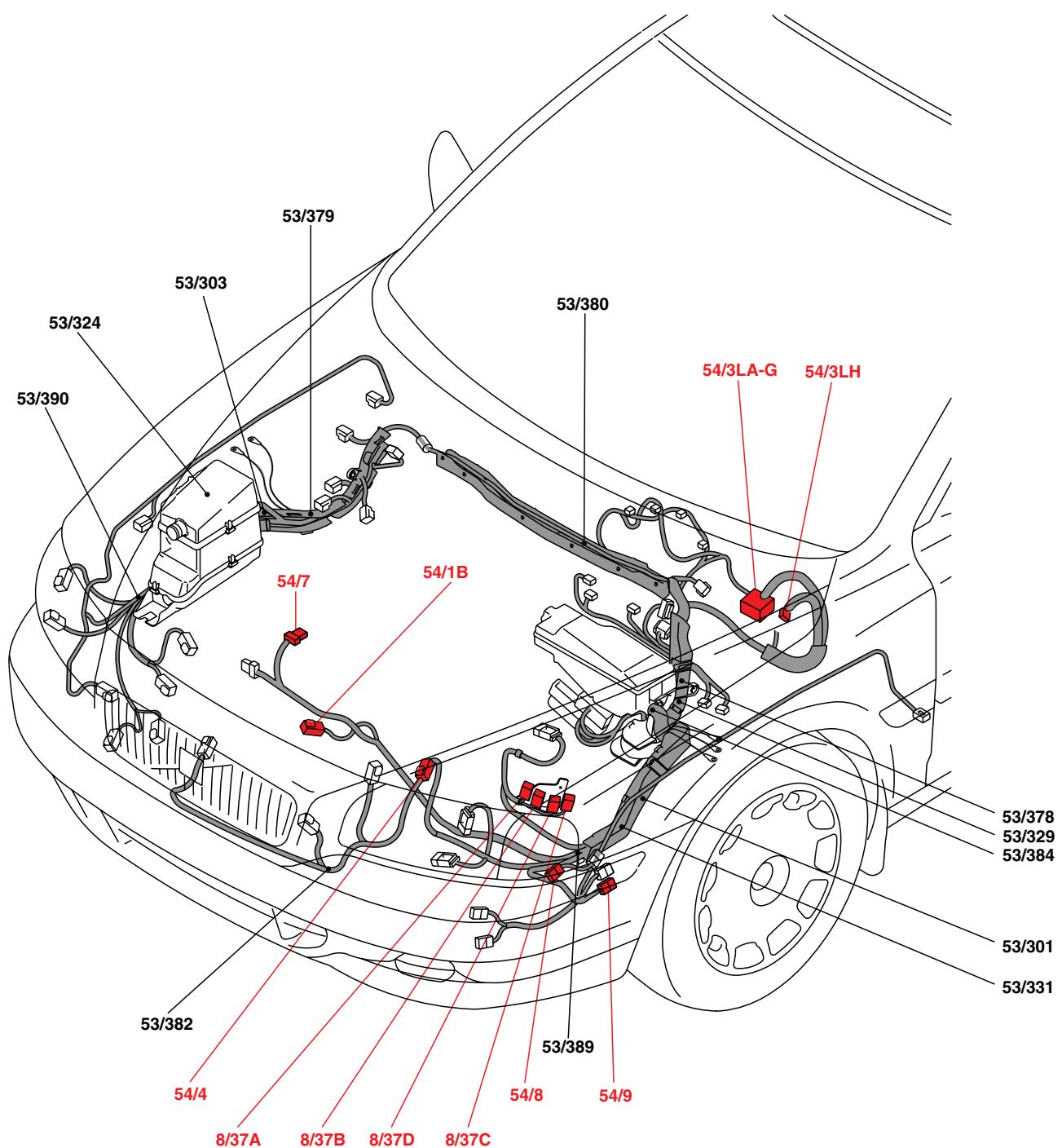


Cable harness routing in vehicle

Engine harness Diesel

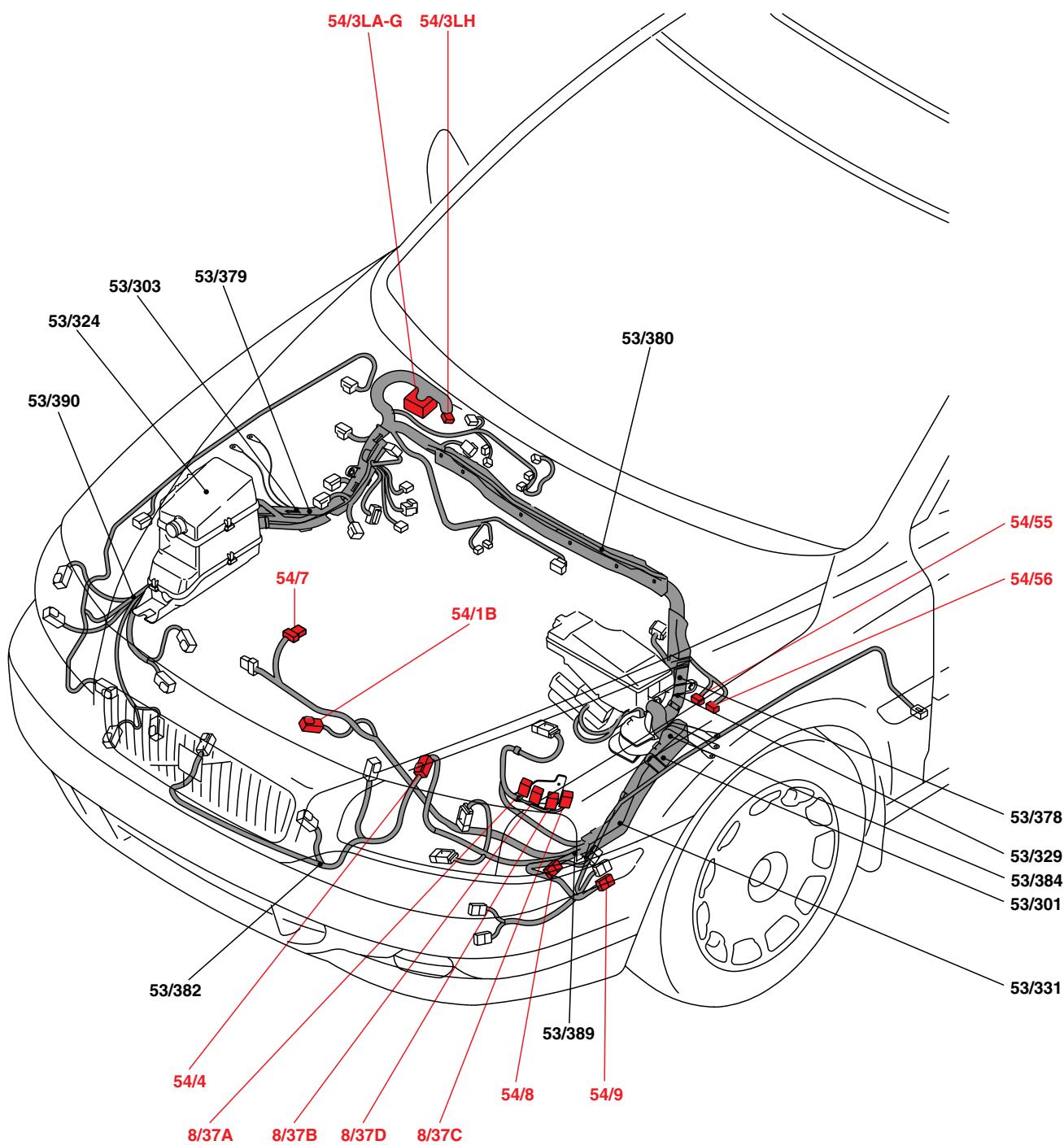


**Cable harness routing in vehicle
Front engine compartment harness LHD**

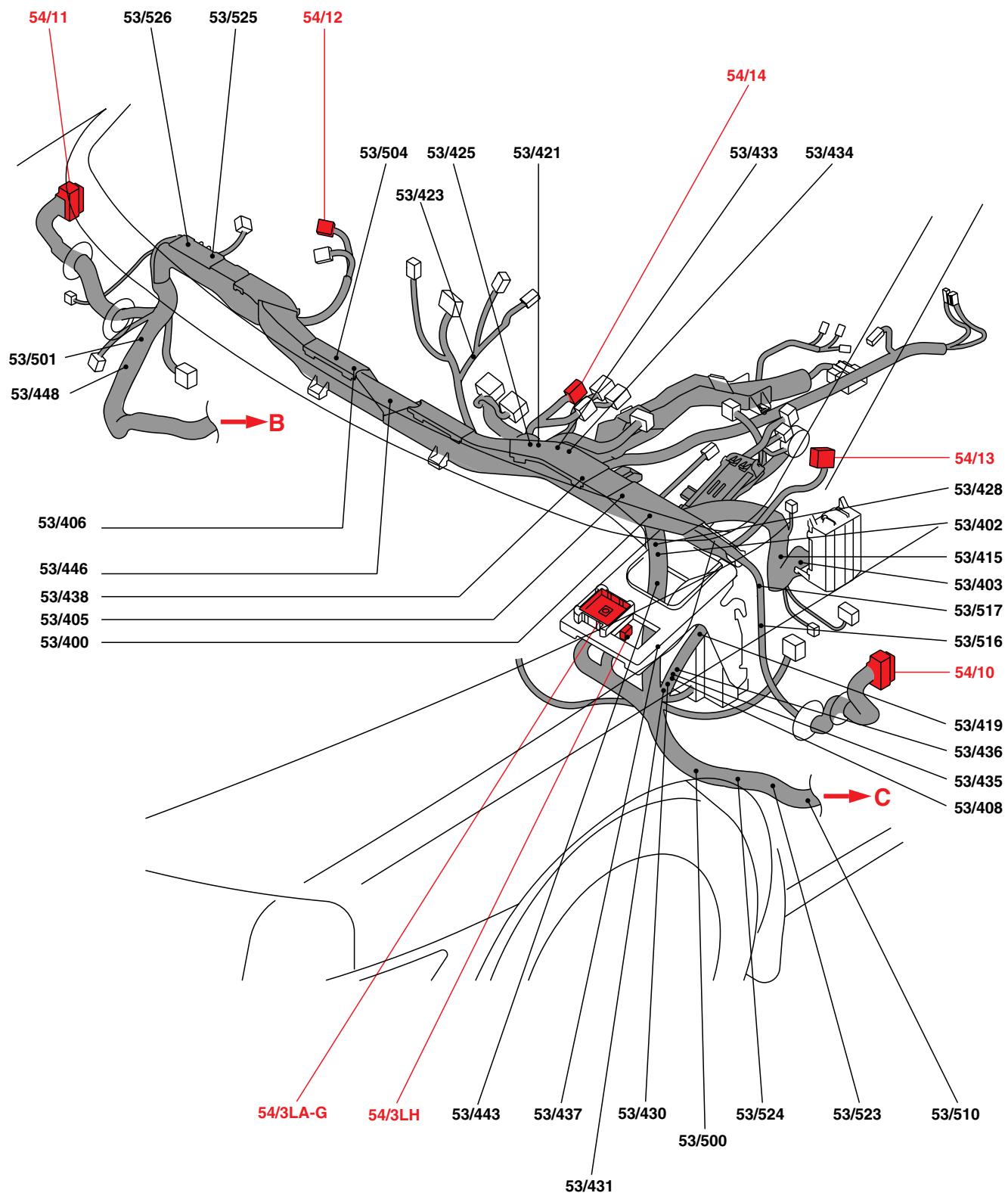


Cable harness routing in vehicle

Front engine compartment harness RHD

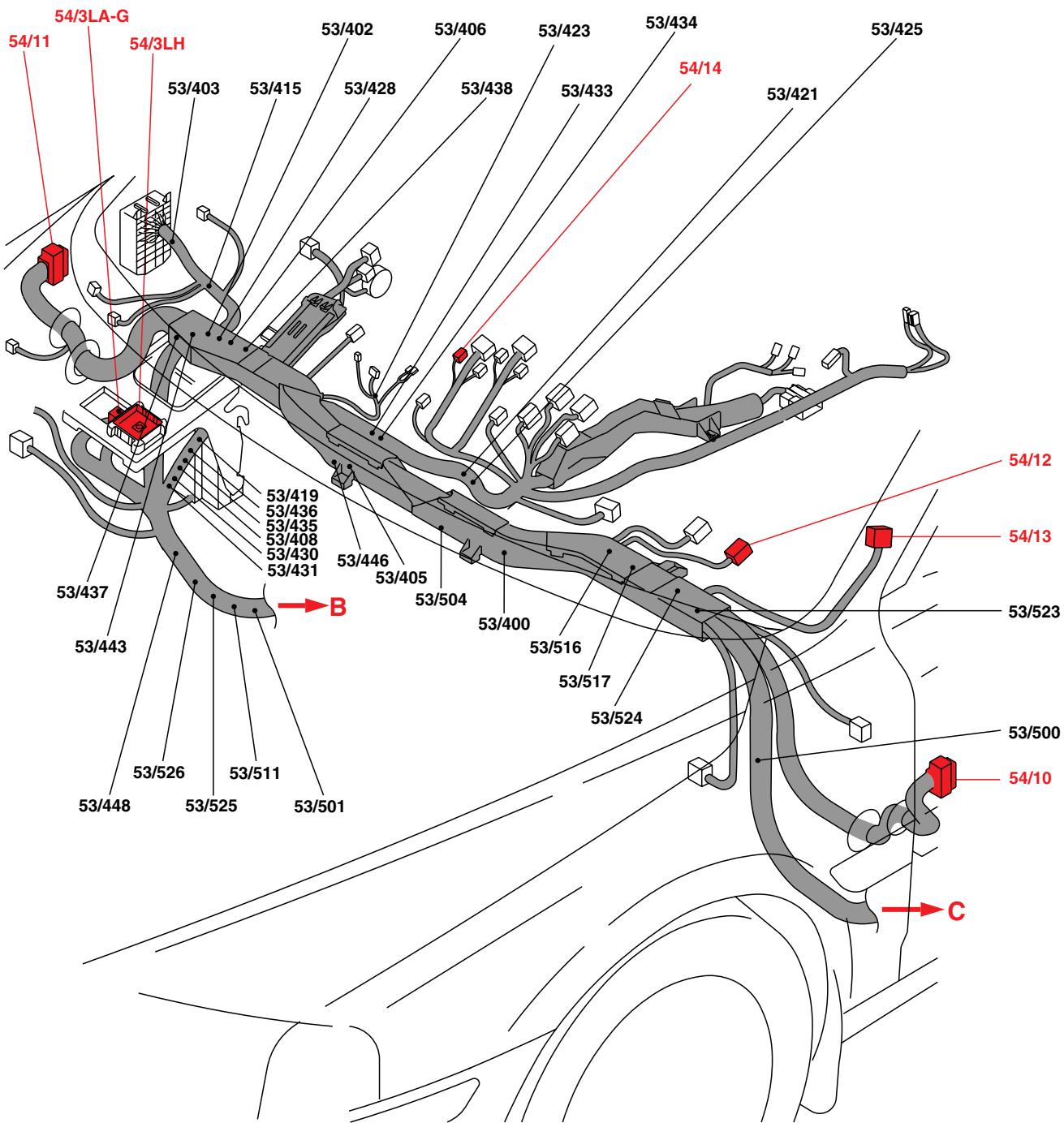


**Cable harness routing in vehicle
Front passenger compartment harness LHD**



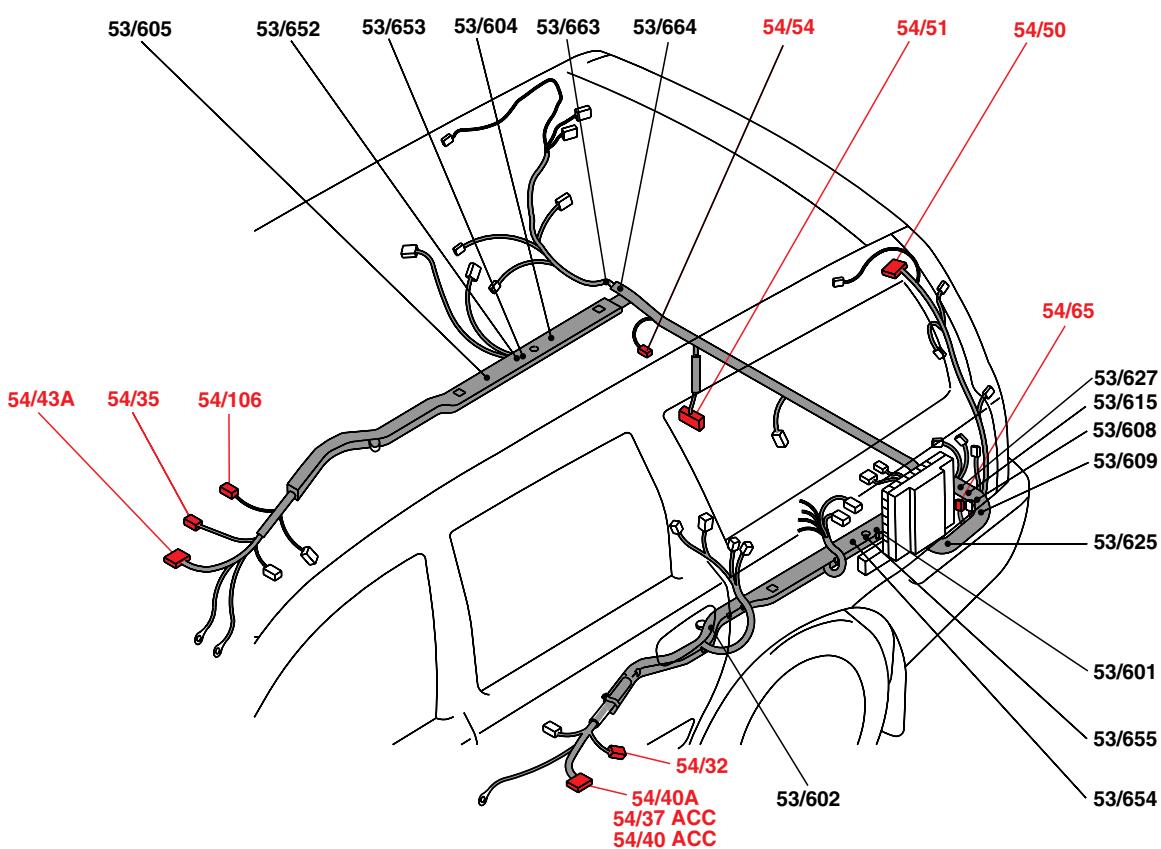
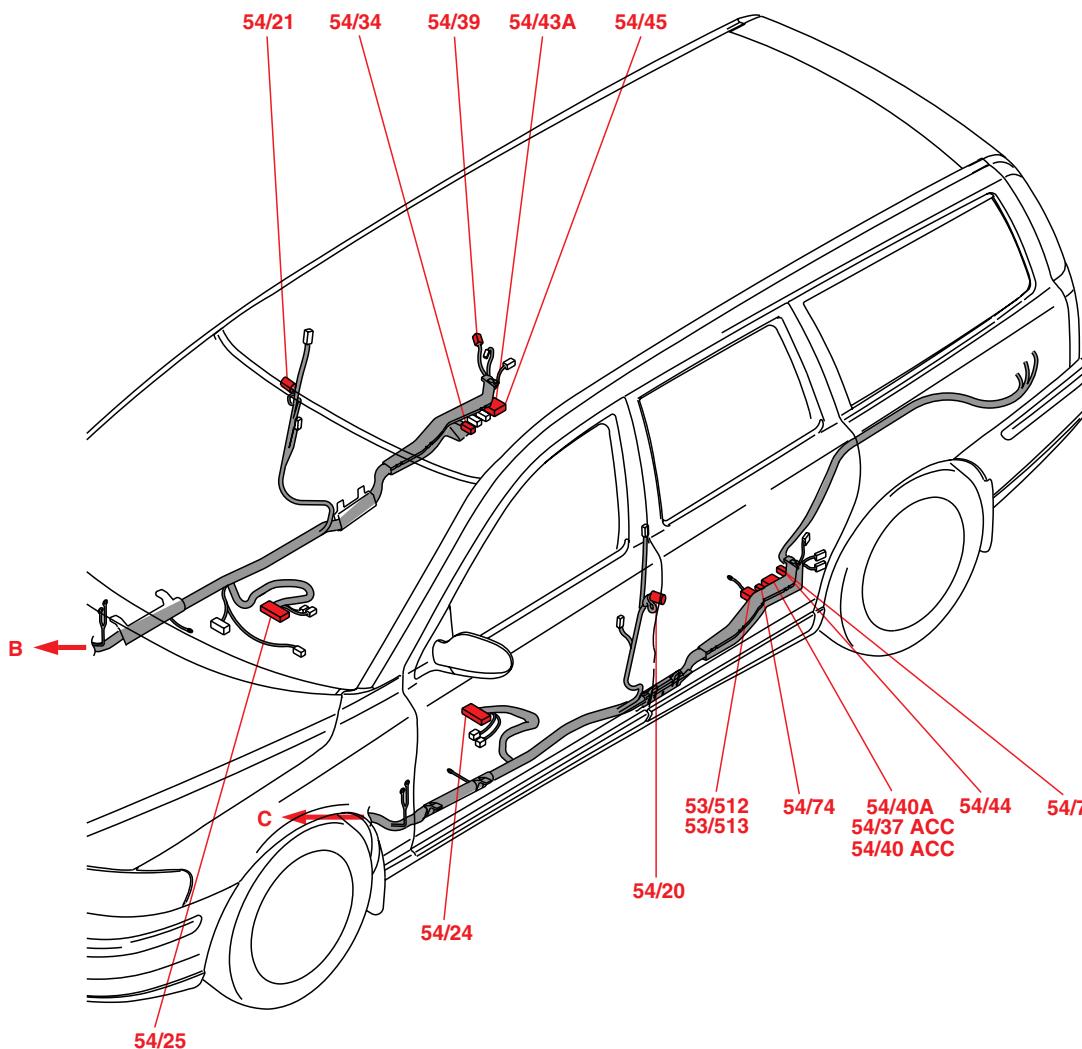
Cable harness routing in vehicle

Front passenger compartment harness RHD

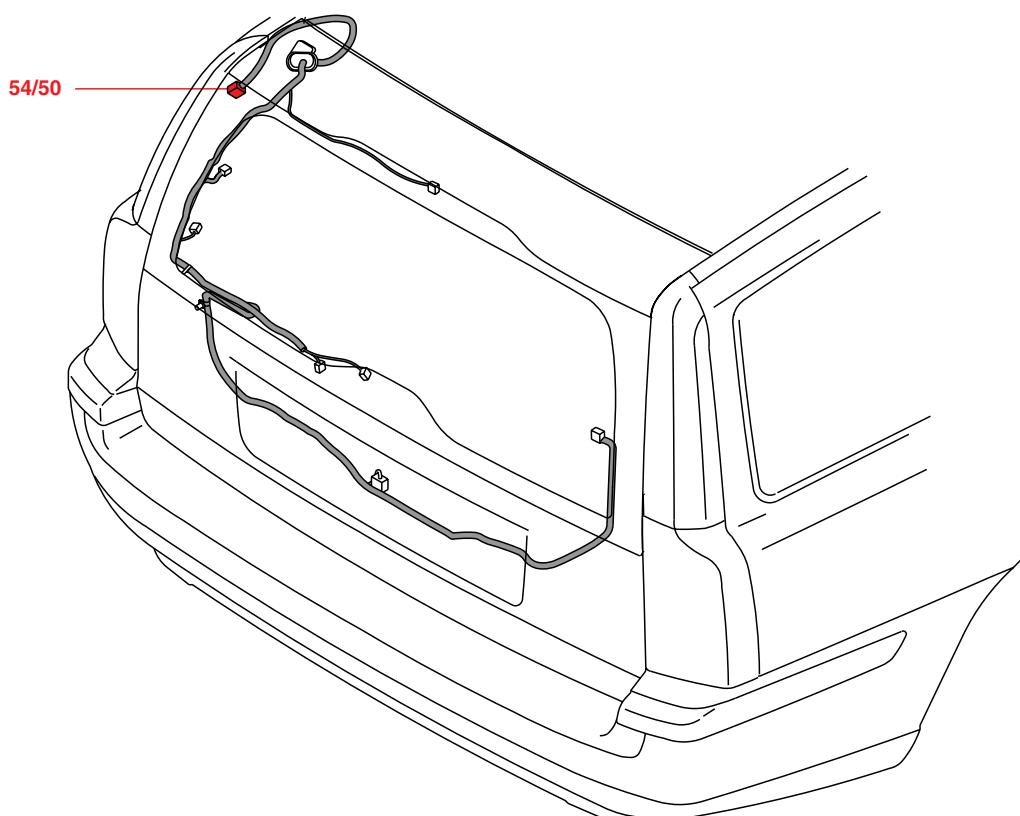
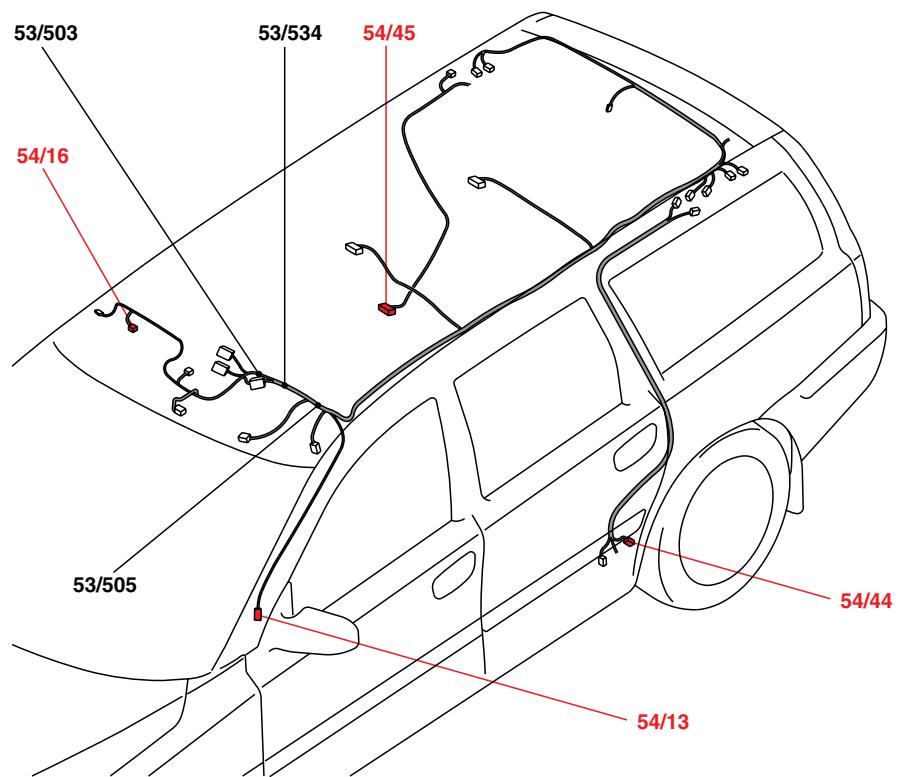


Cable harness routing in vehicle

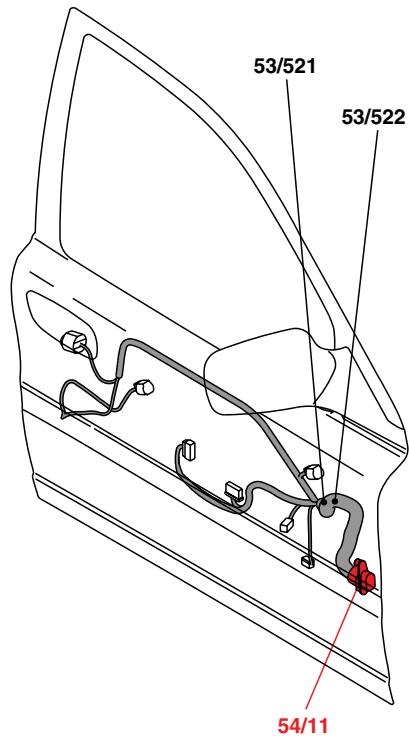
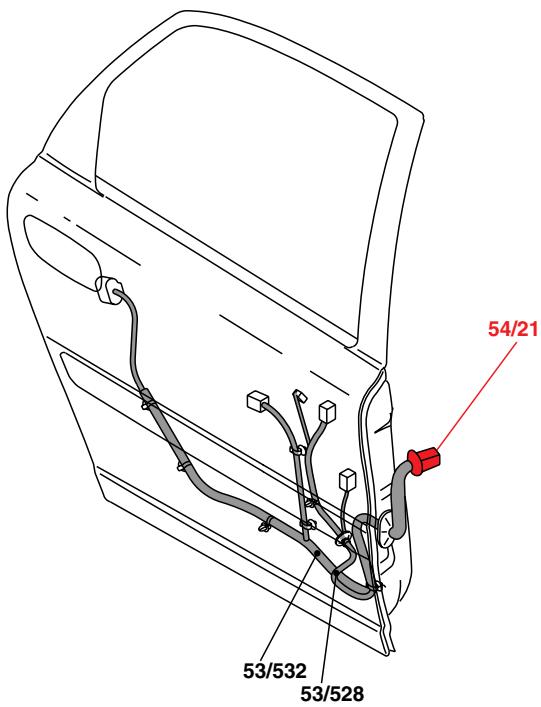
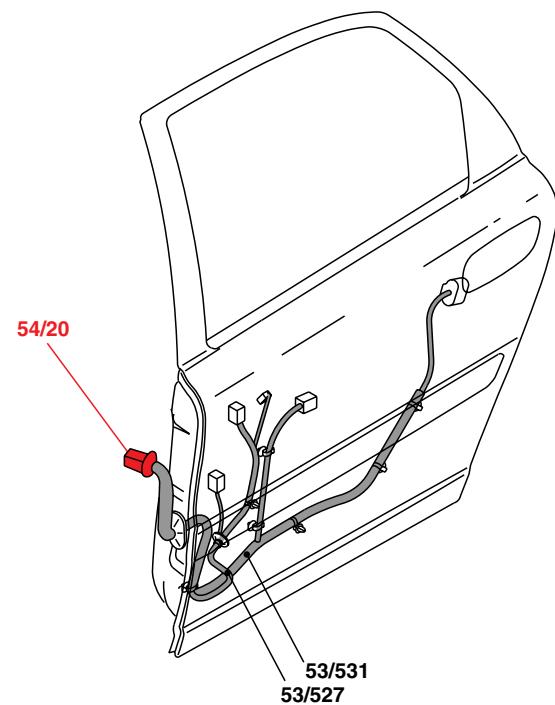
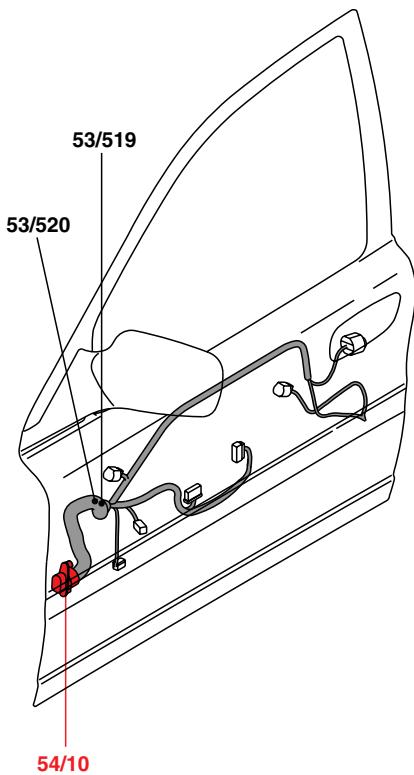
Rear passenger compartment harness & Cargo compartment harness



Cable harness routing in vehicle
Inflatable curtain harness & Trunk lid/tailgate harness

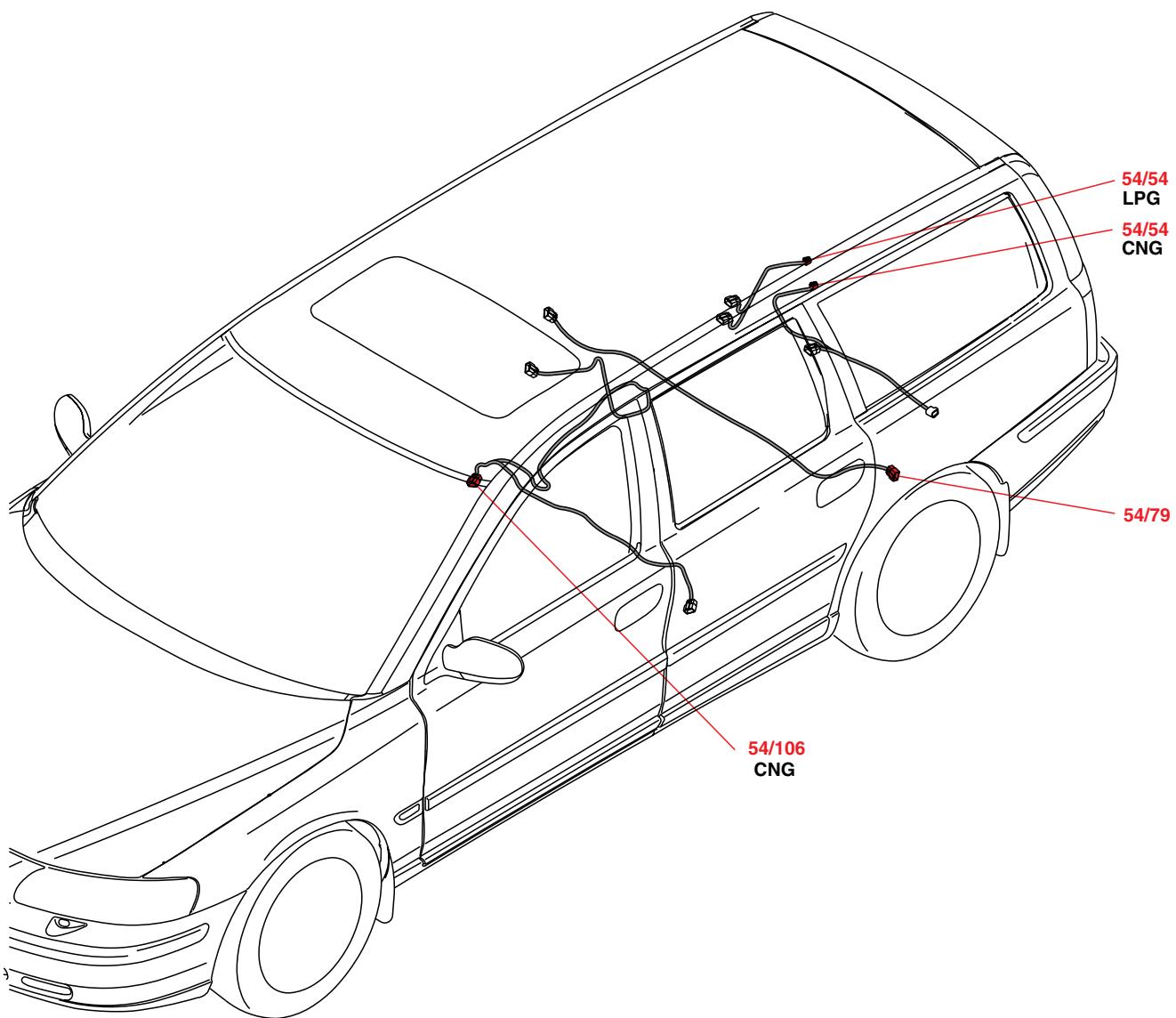


Cable harness routing in vehicle Door harness

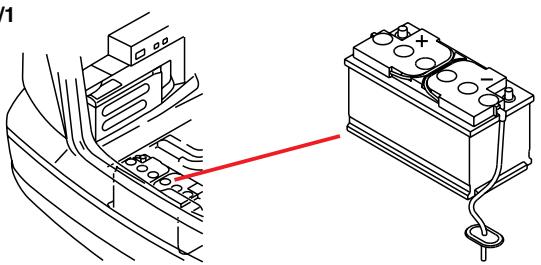


Cable harness routing in vehicle

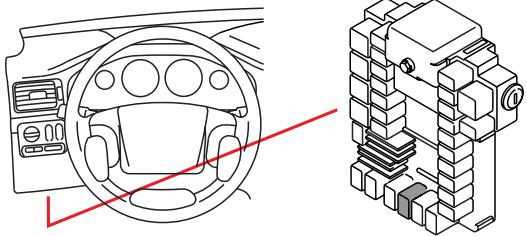
Bifuel harness



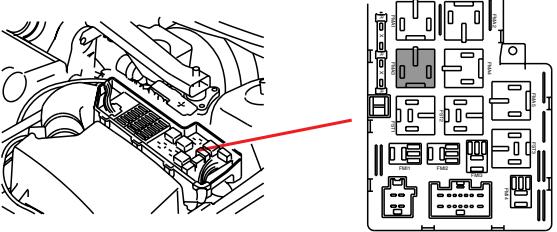
1/1



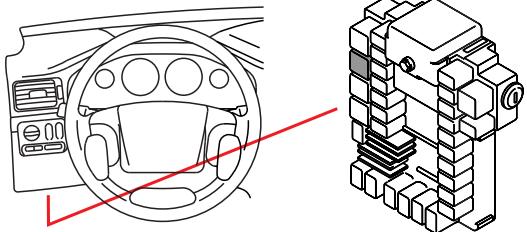
2/23



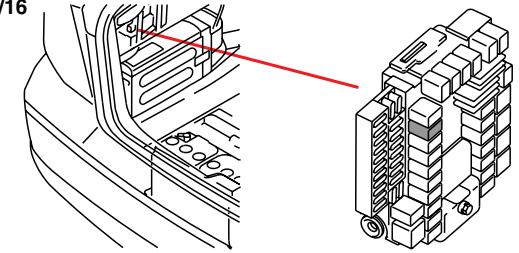
2/14



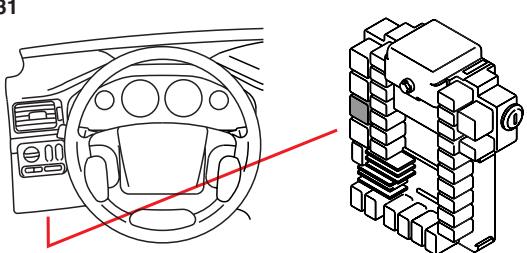
2/30



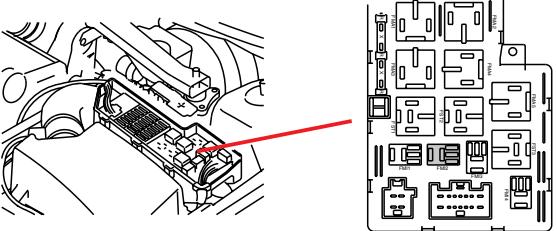
2/16



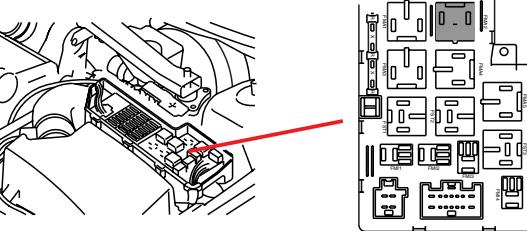
2/31



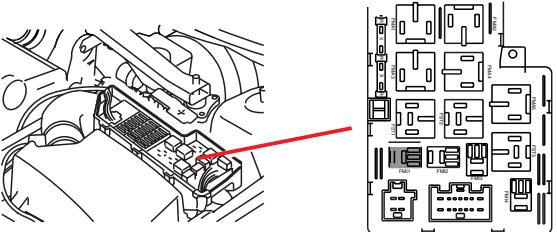
2/17



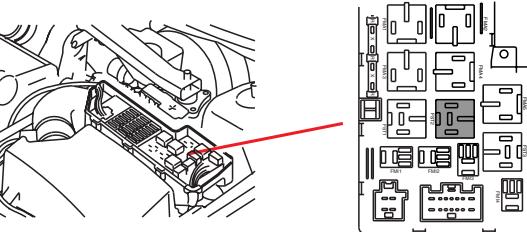
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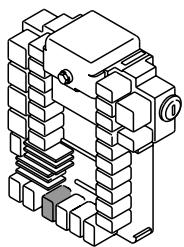
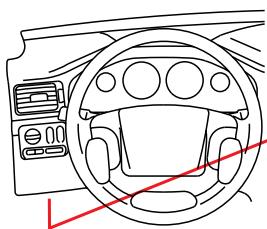
2/33



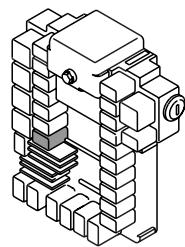
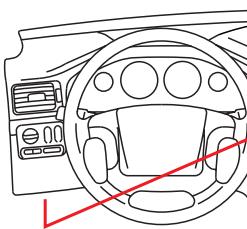
Component illustrations

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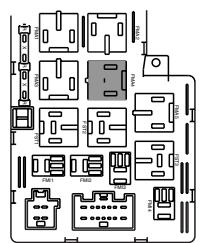
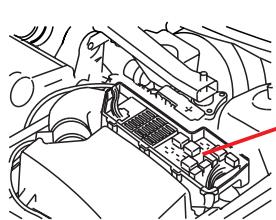
2/34



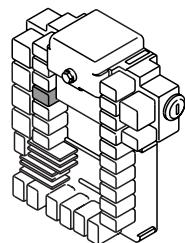
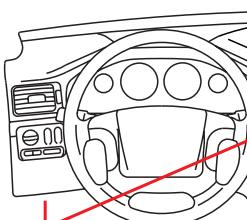
2/62



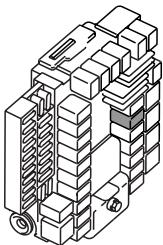
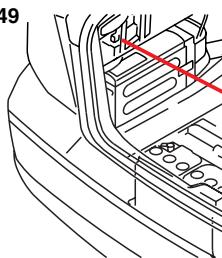
2/35



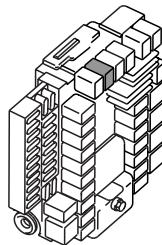
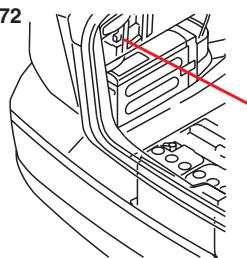
2/63



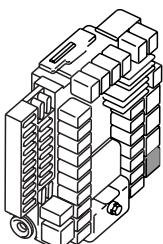
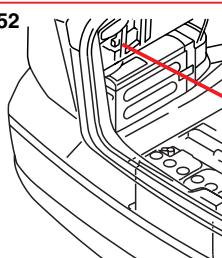
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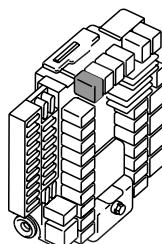
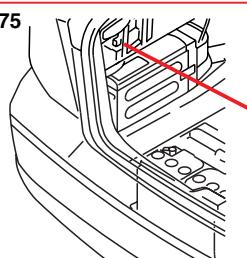
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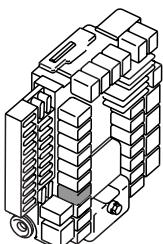
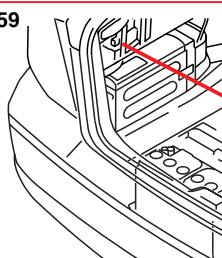
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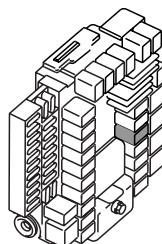
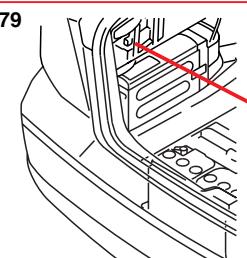
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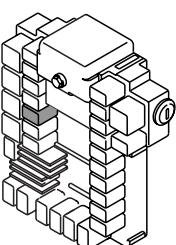
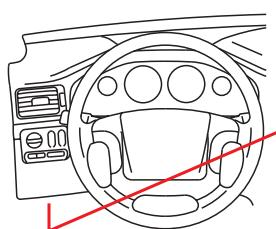
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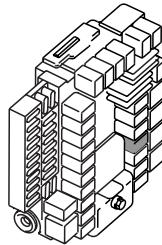
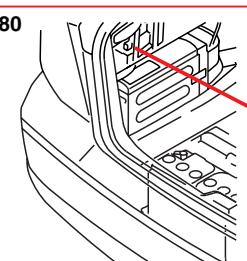
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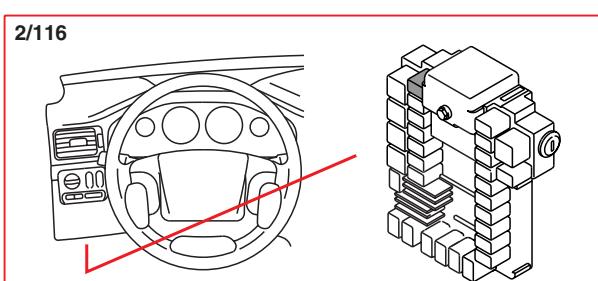
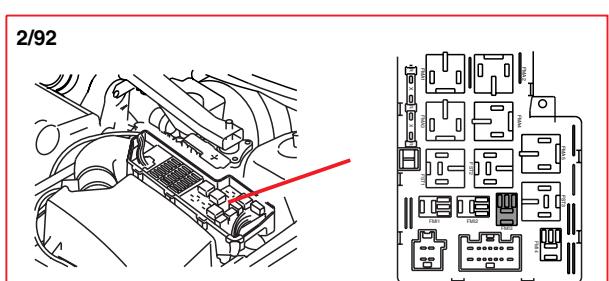
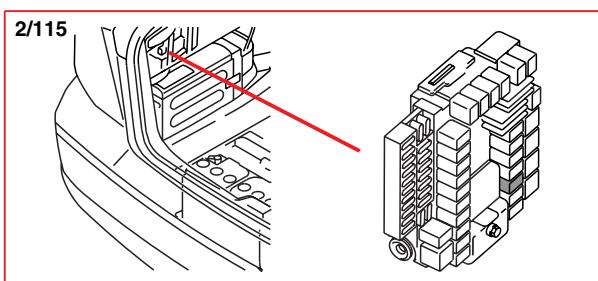
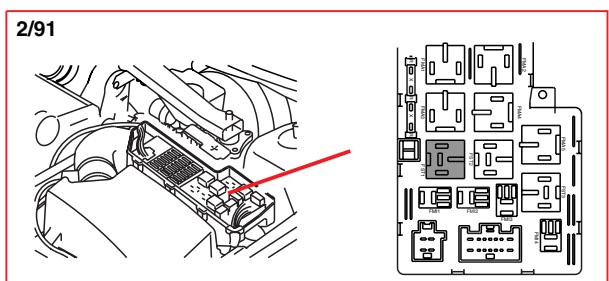
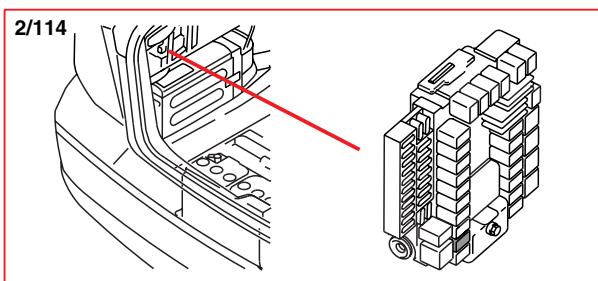
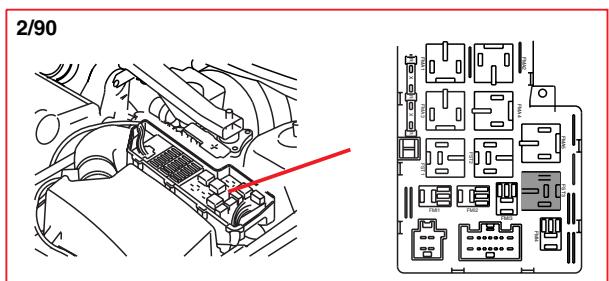
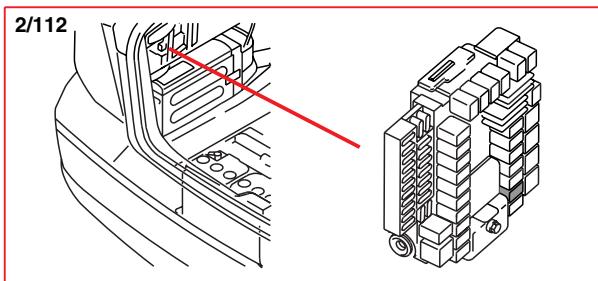
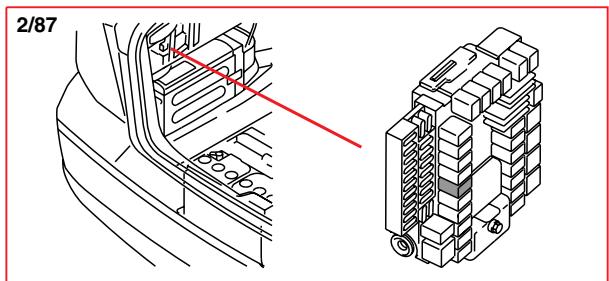
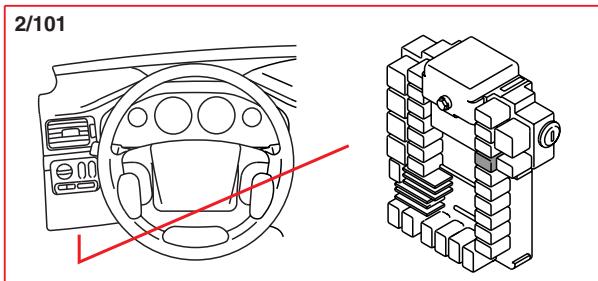
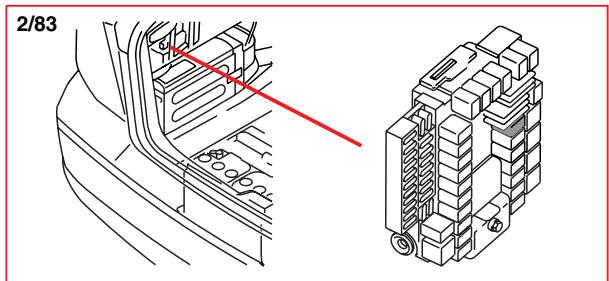
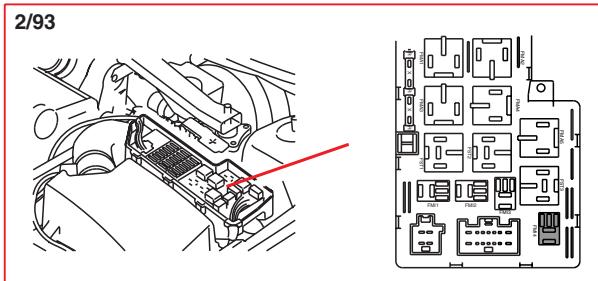
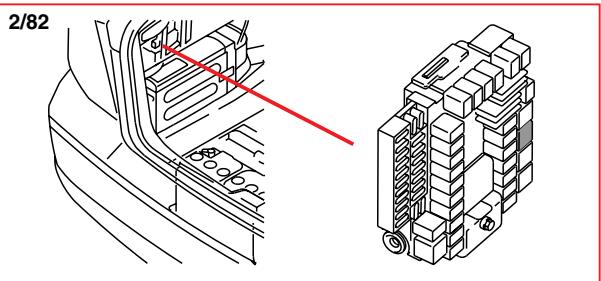


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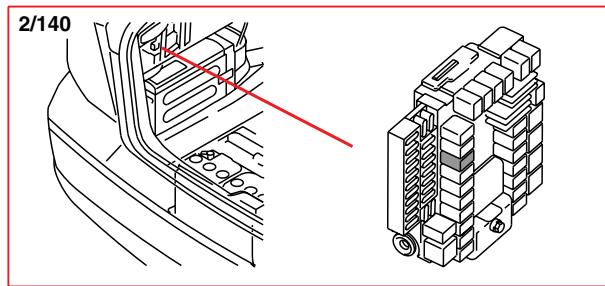
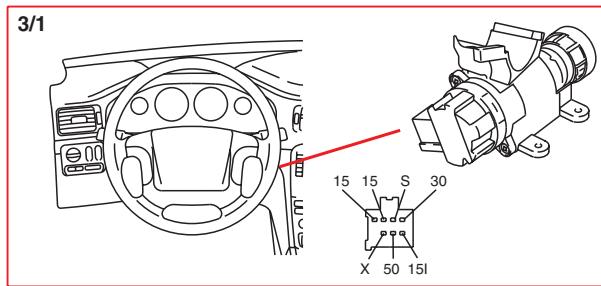
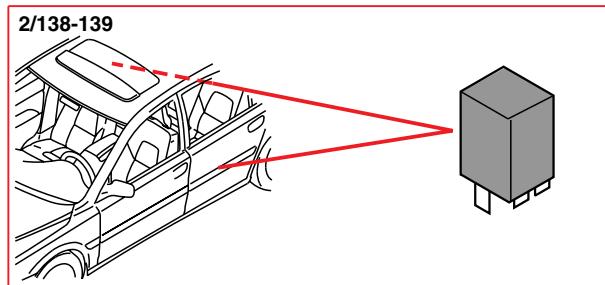
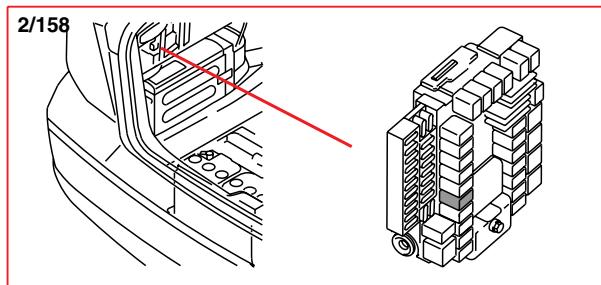
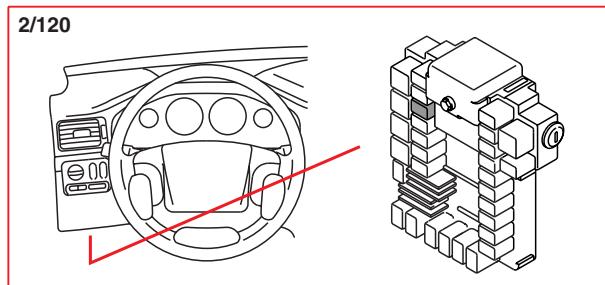
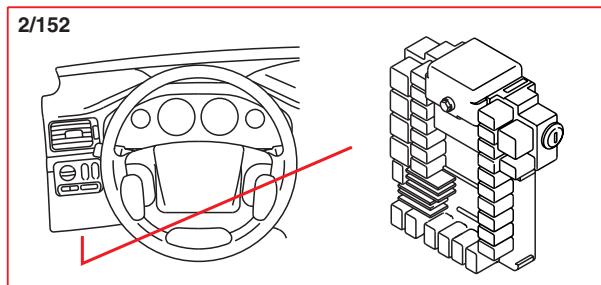
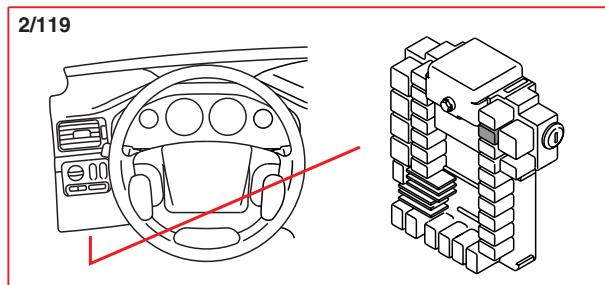
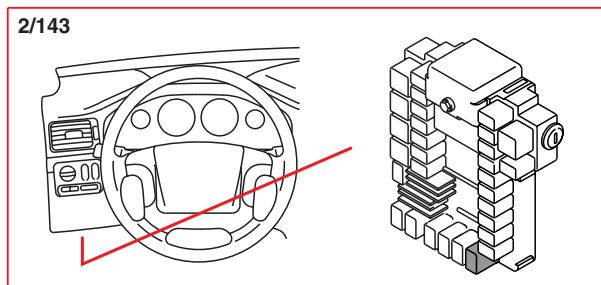
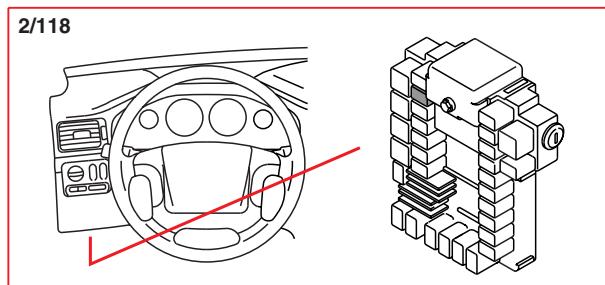
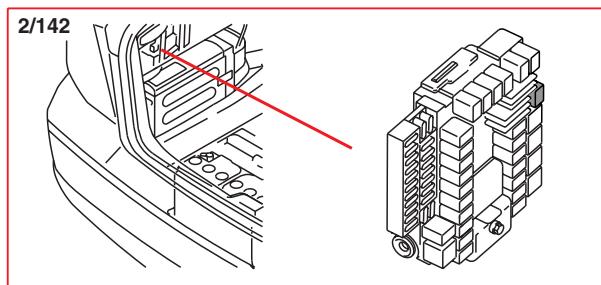
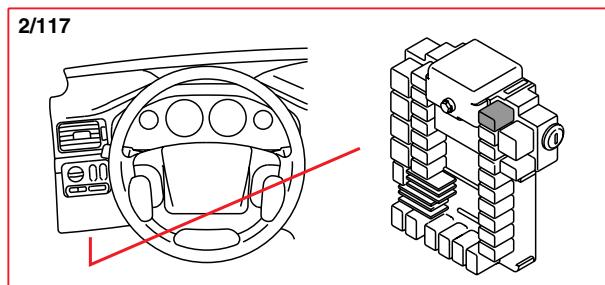
Component illustrations

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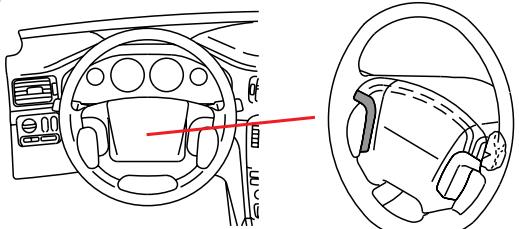


Component illustrations

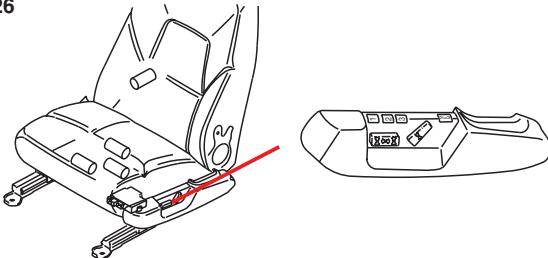
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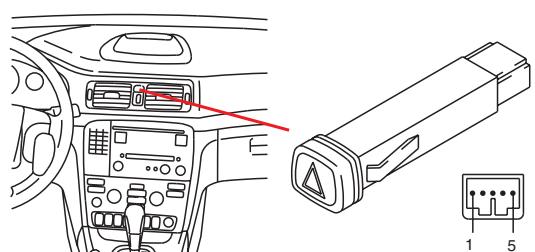
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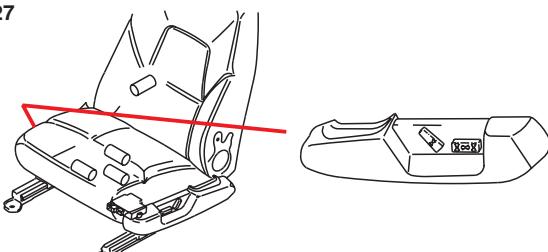
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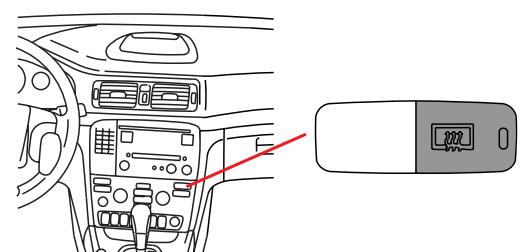
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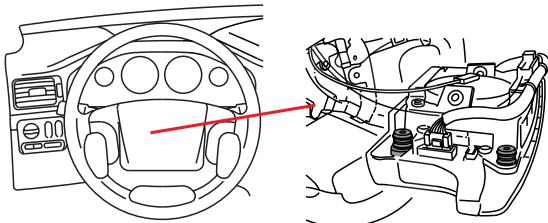
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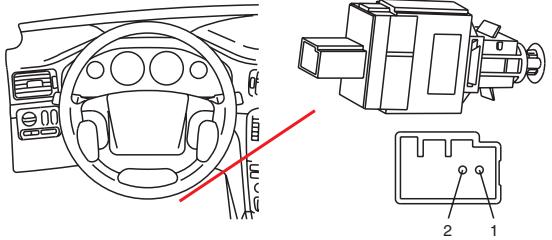
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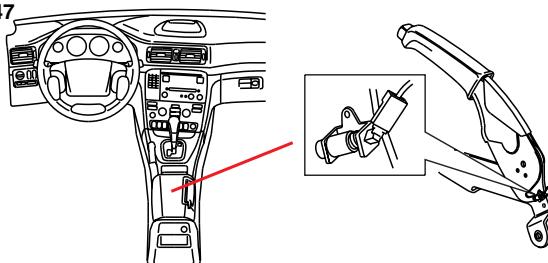
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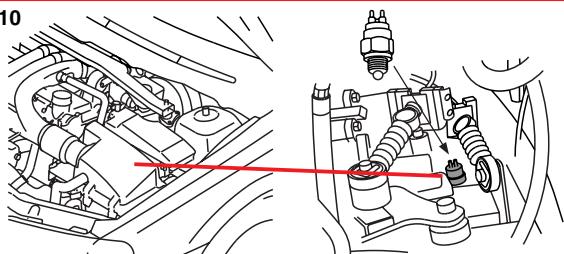
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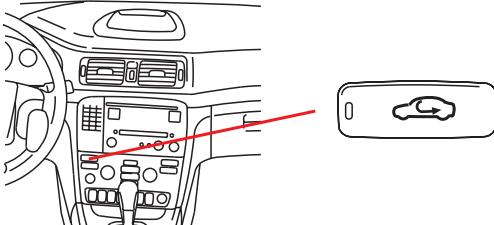
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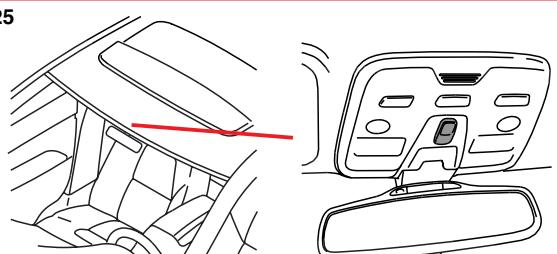
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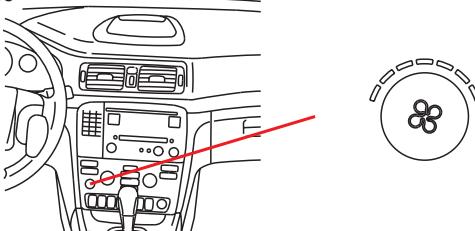
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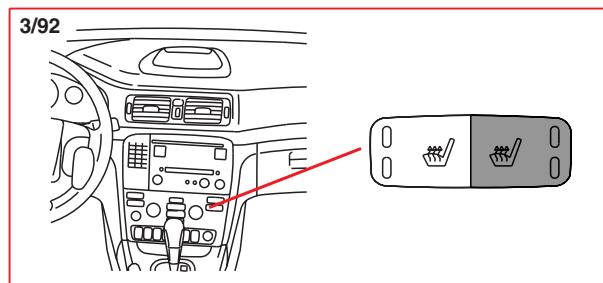
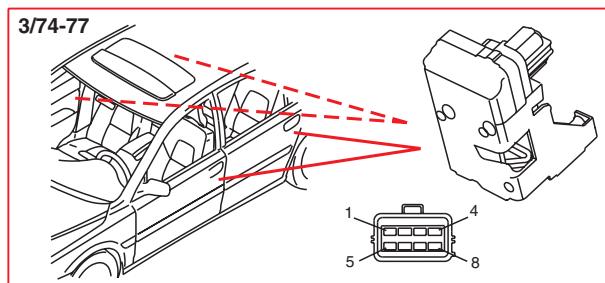
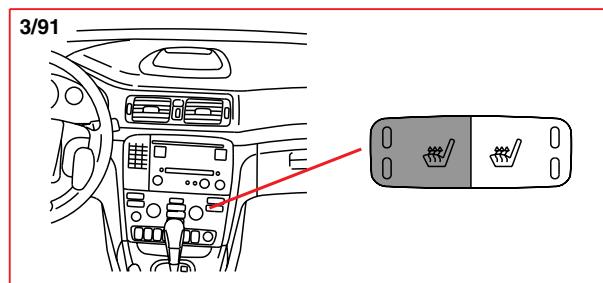
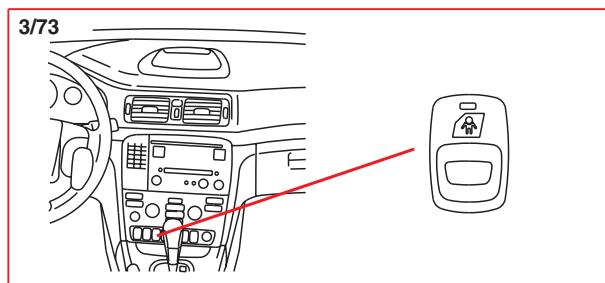
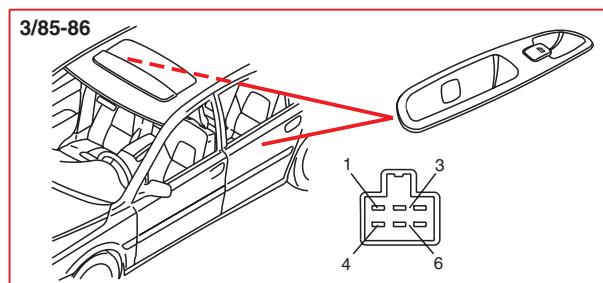
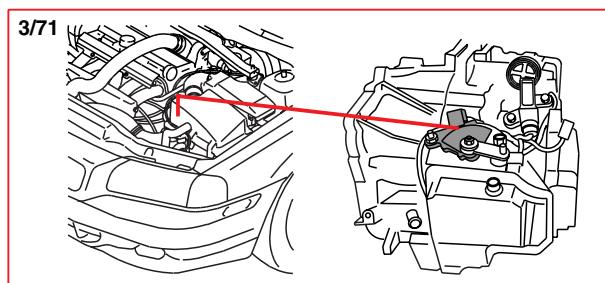
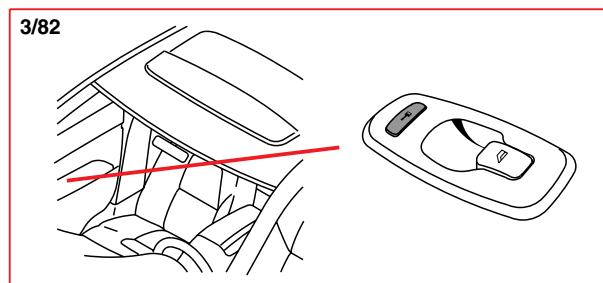
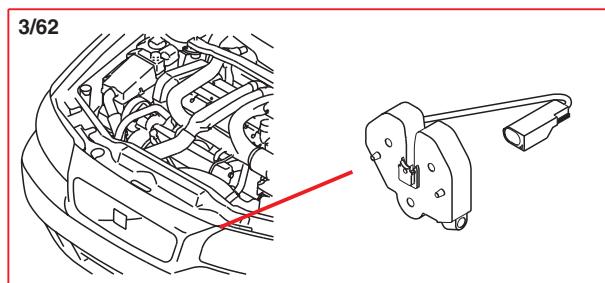
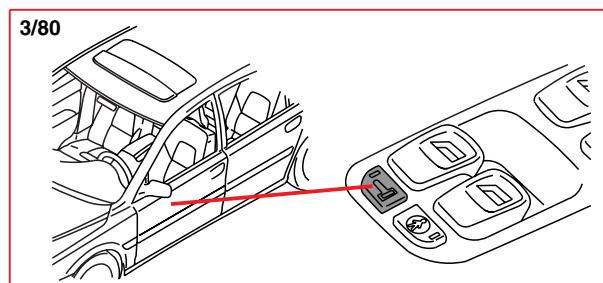
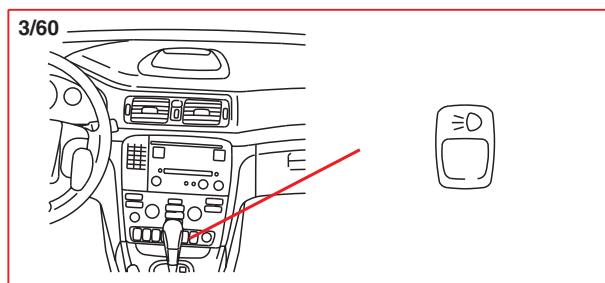
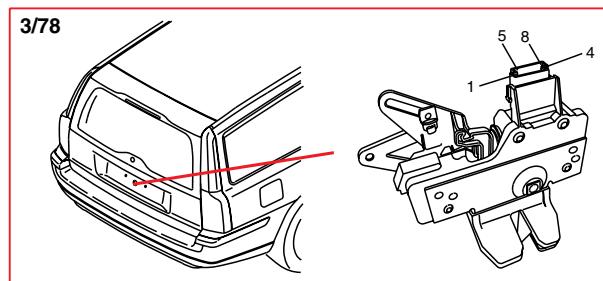
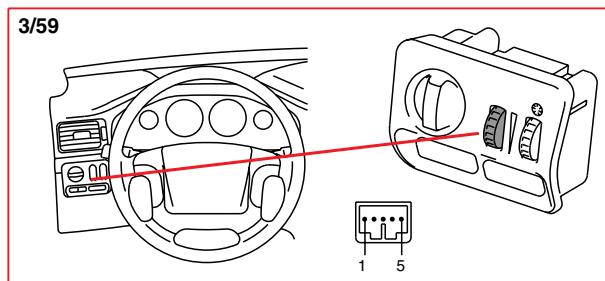


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Component illustrations

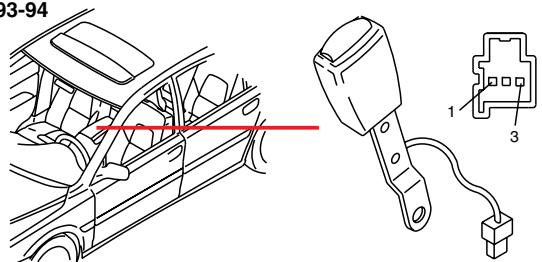
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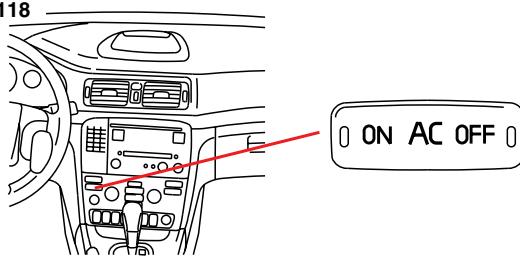
Component illustrations

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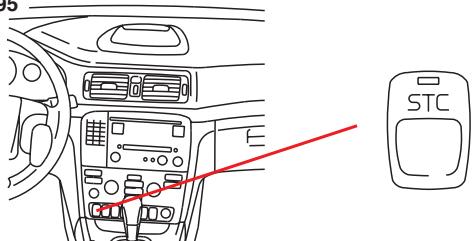
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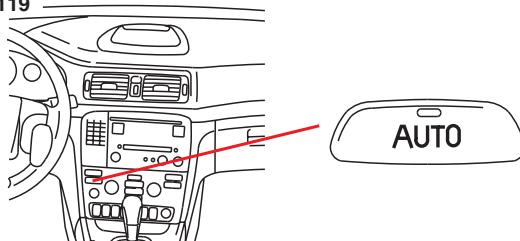
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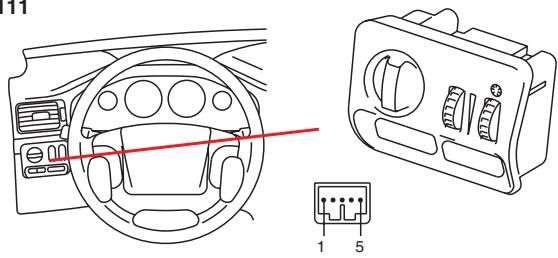
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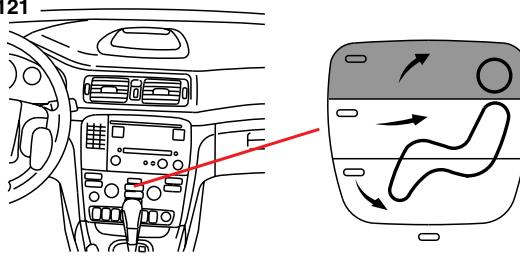
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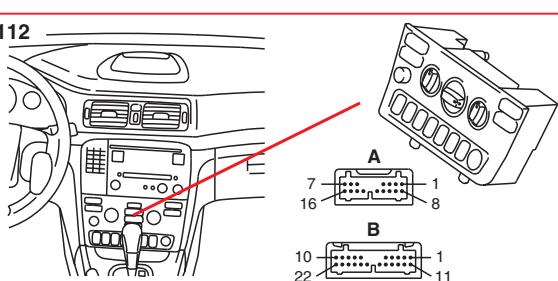
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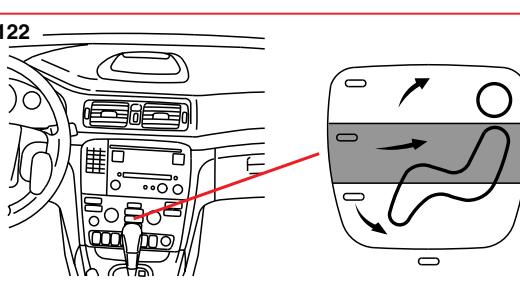
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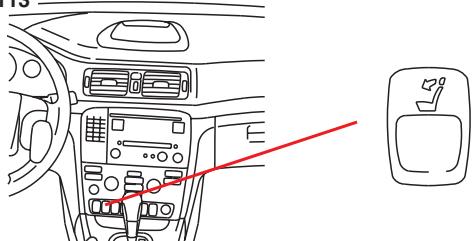
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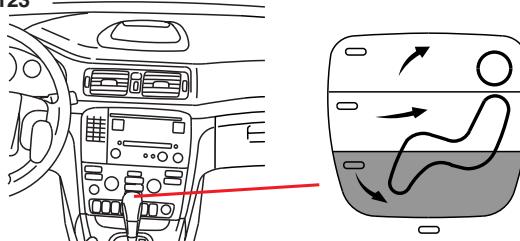
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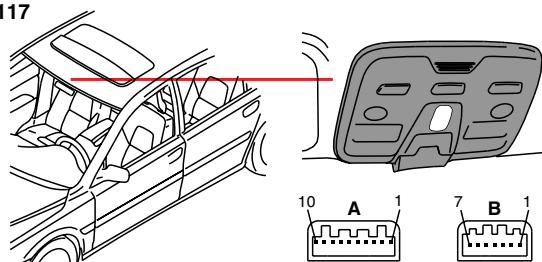
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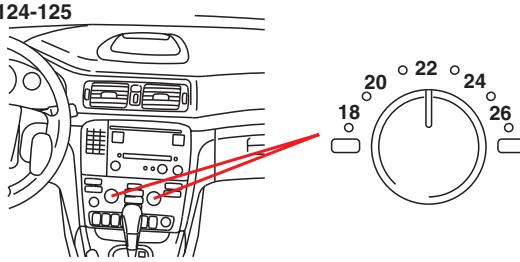
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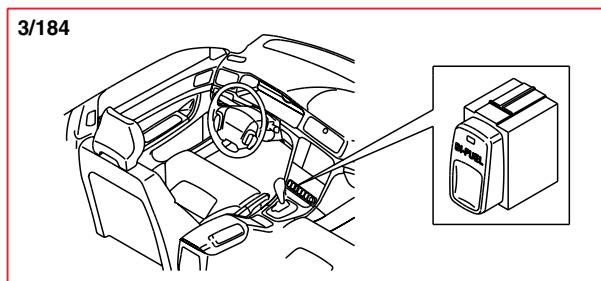
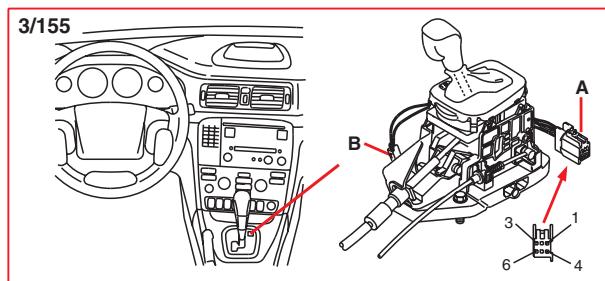
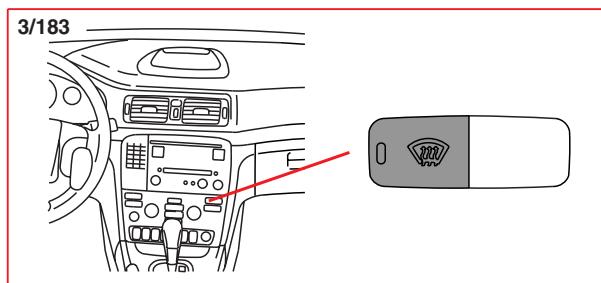
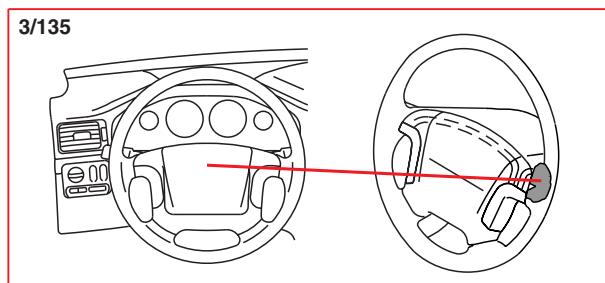
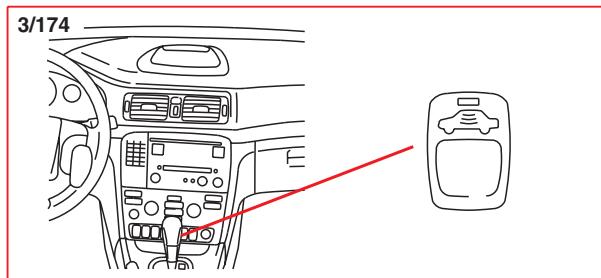
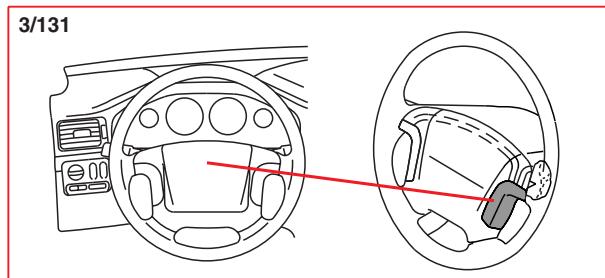
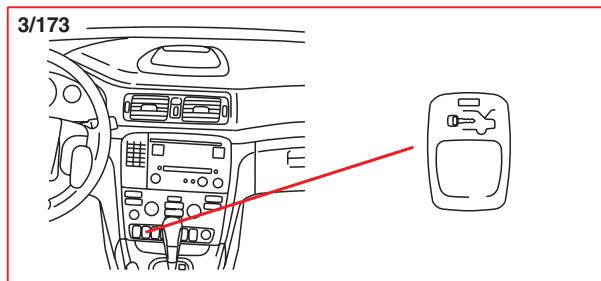
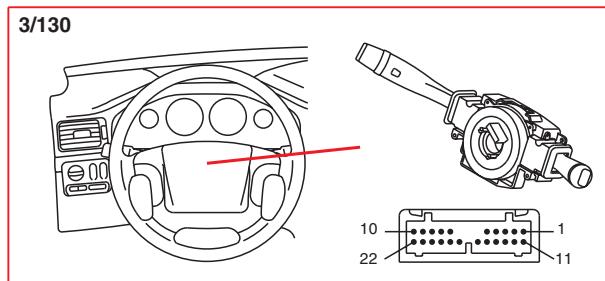
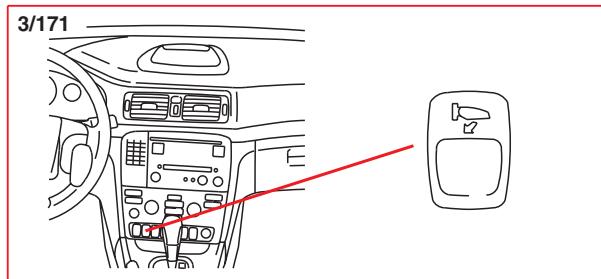
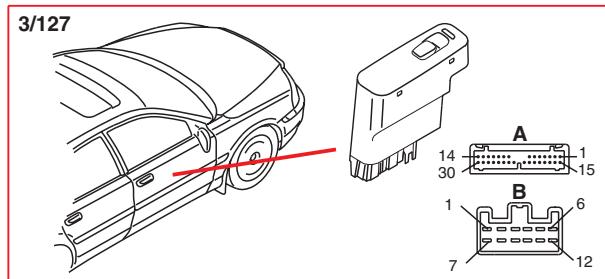
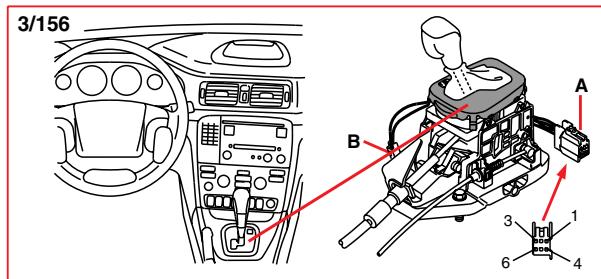
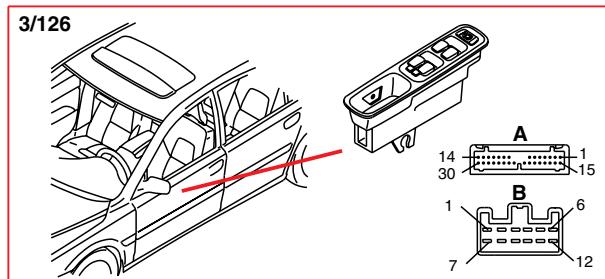


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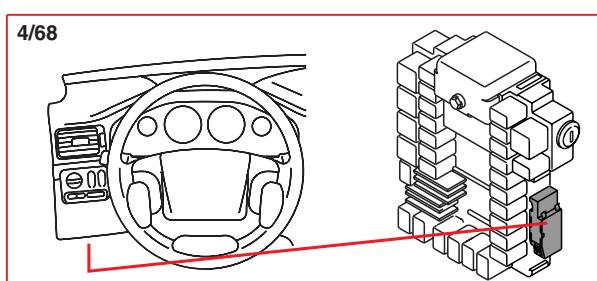
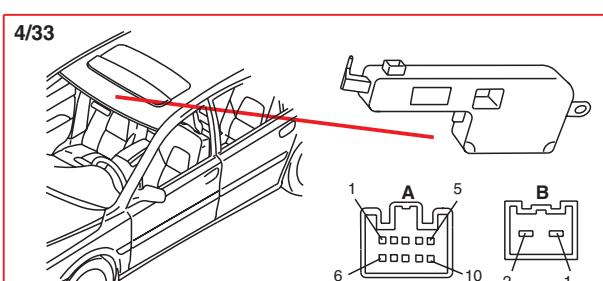
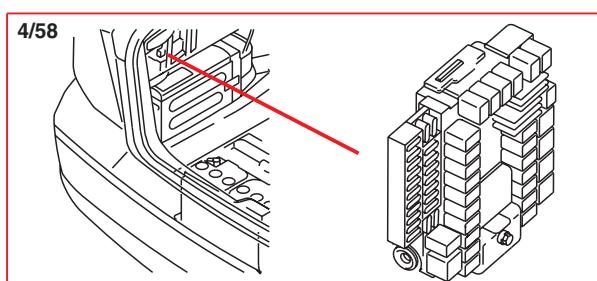
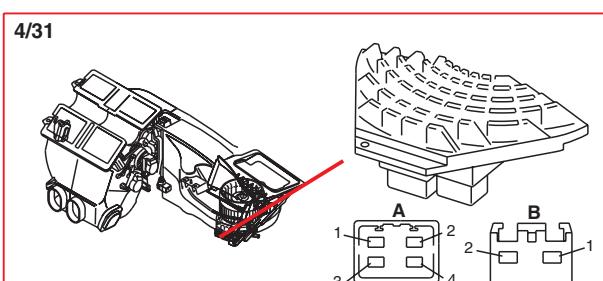
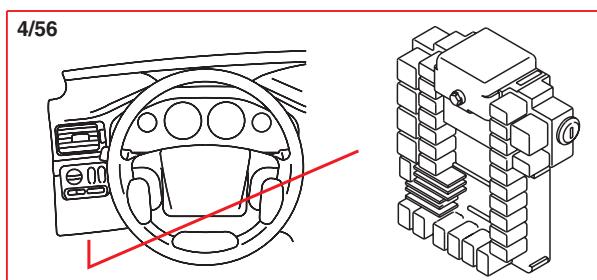
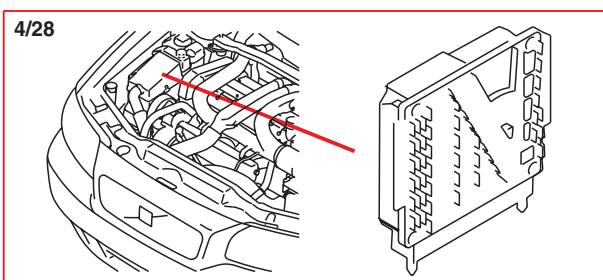
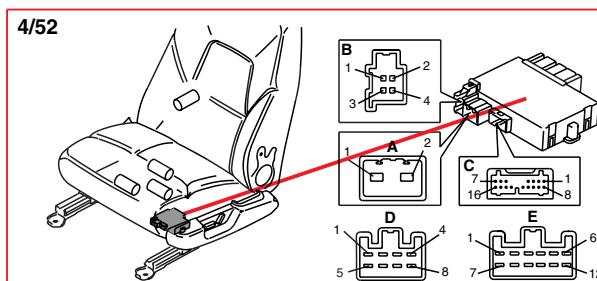
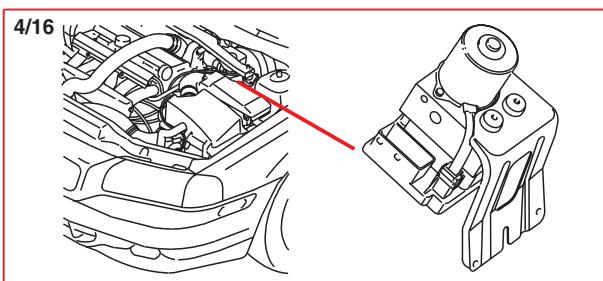
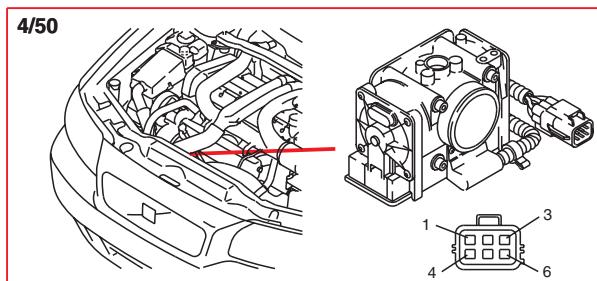
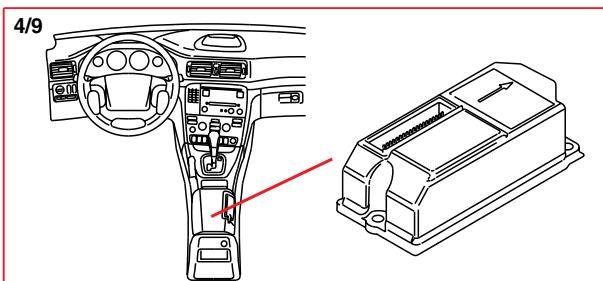
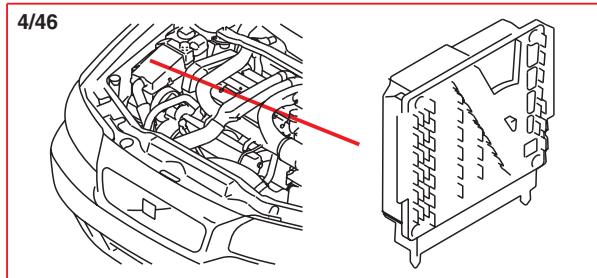
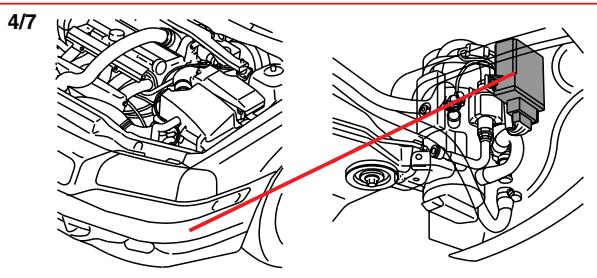
Component illustrations

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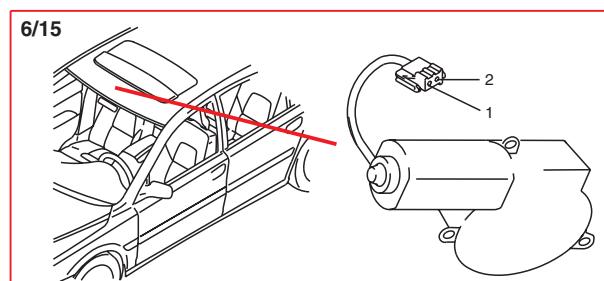
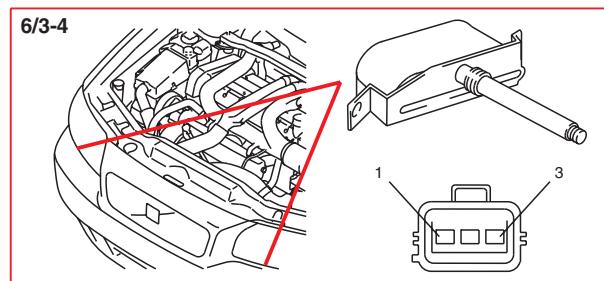
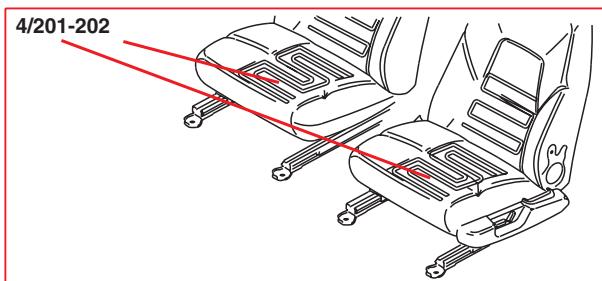
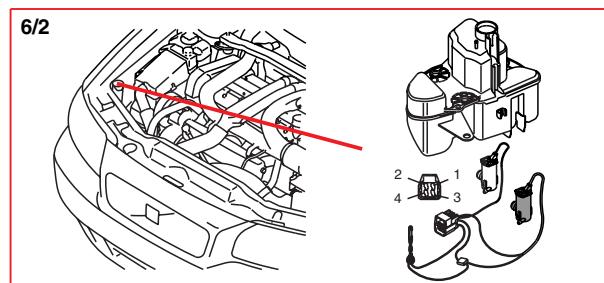
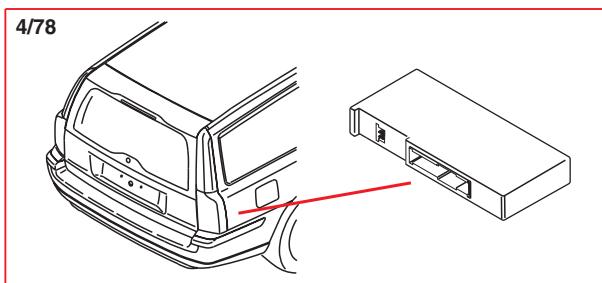
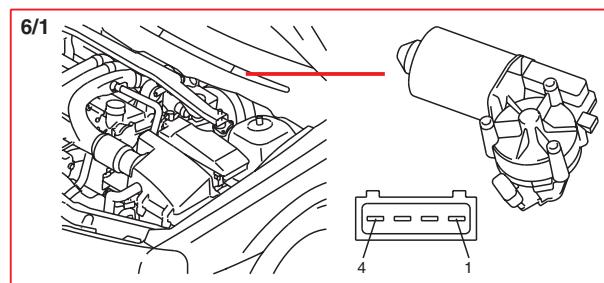
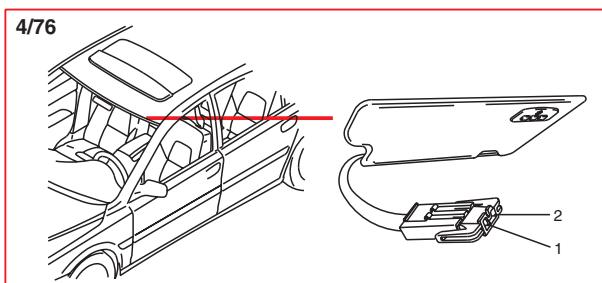
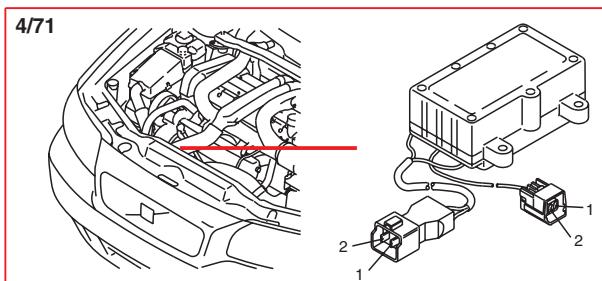
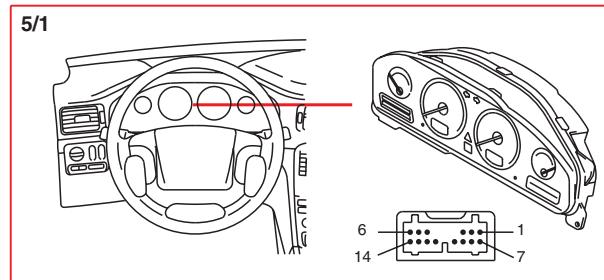
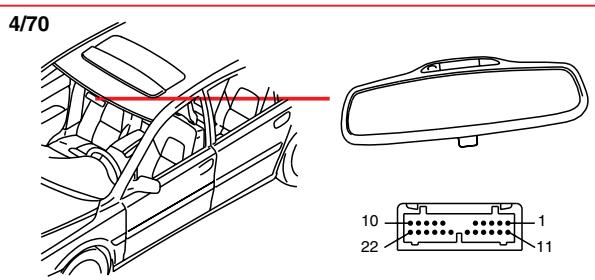
Component illustrations

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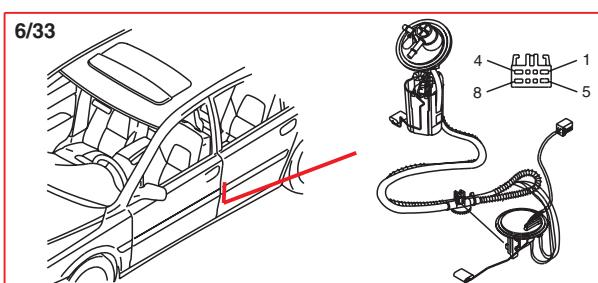
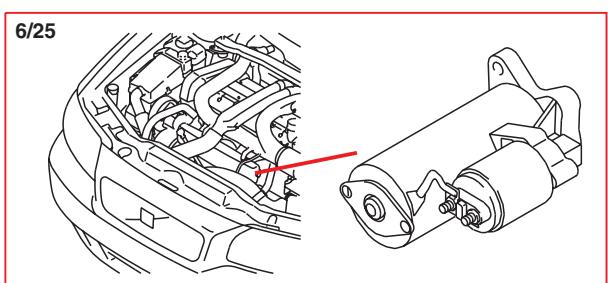
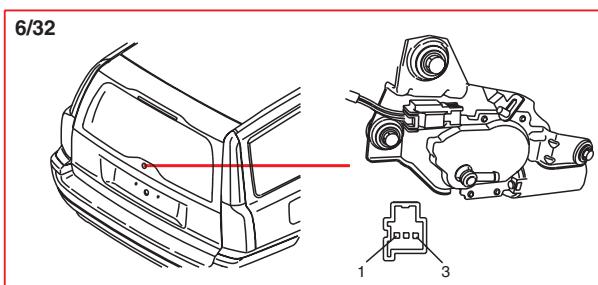
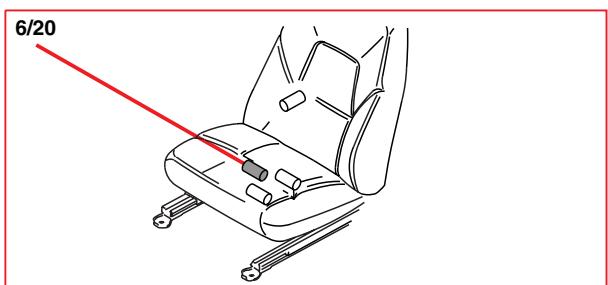
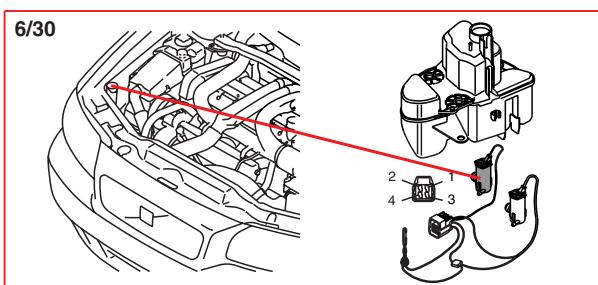
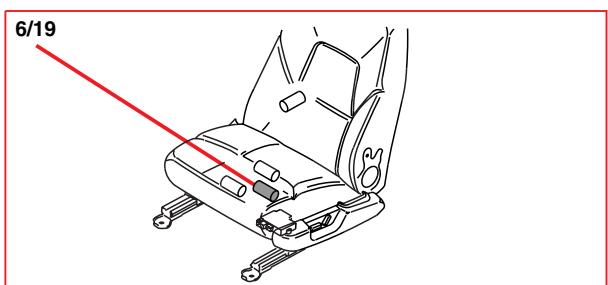
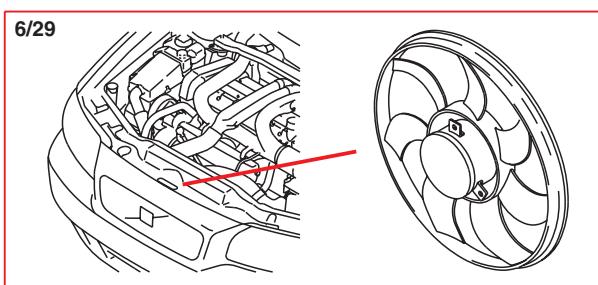
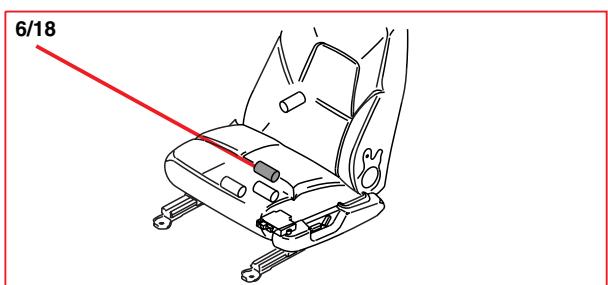
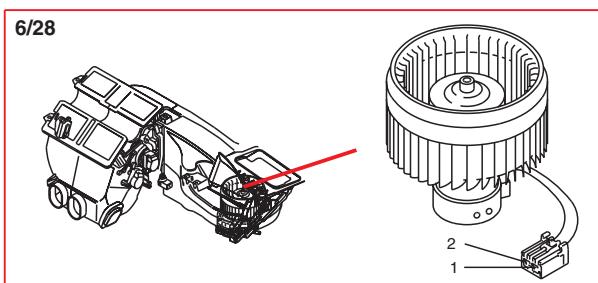
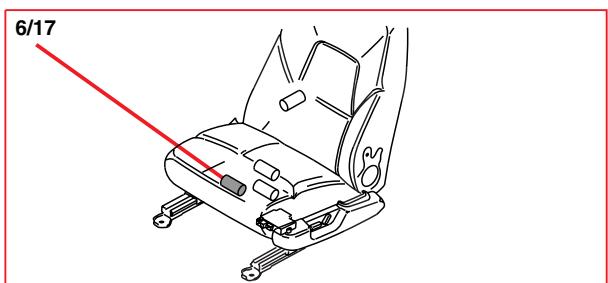
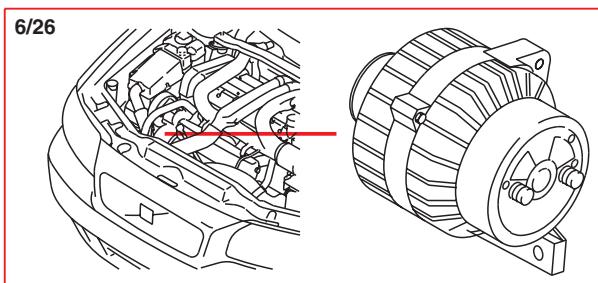
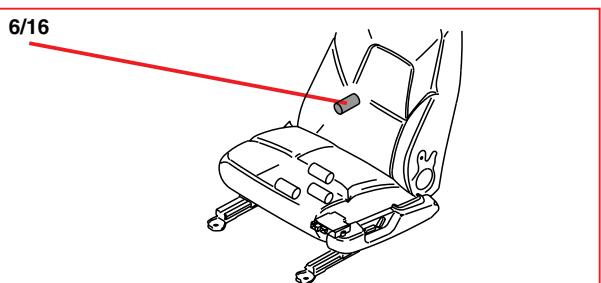
Component illustrations

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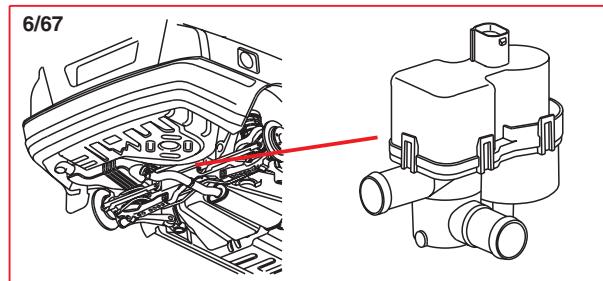
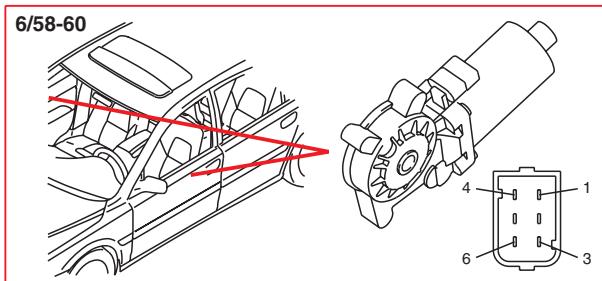
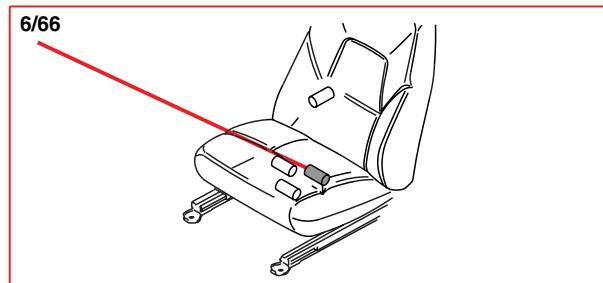
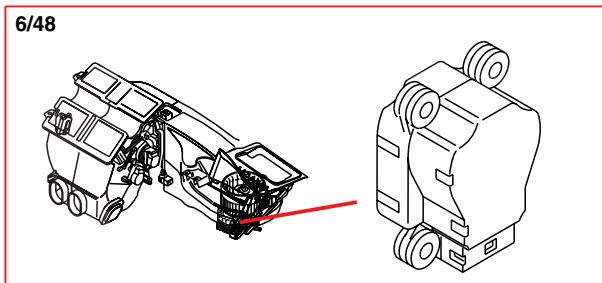
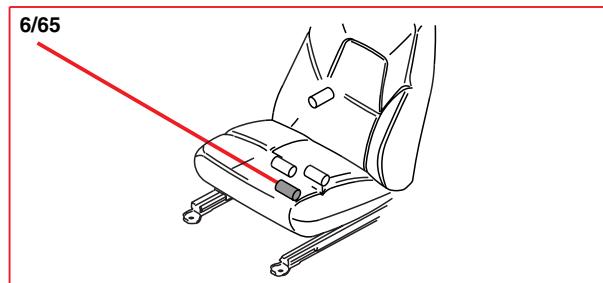
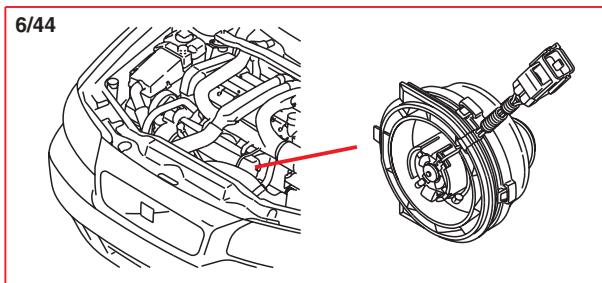
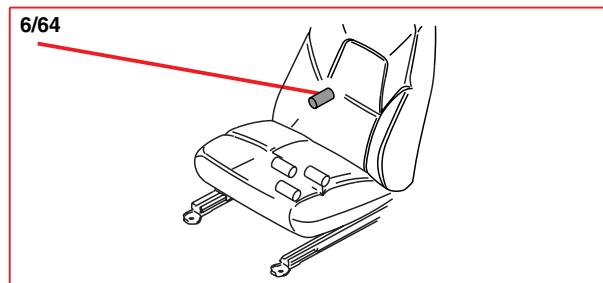
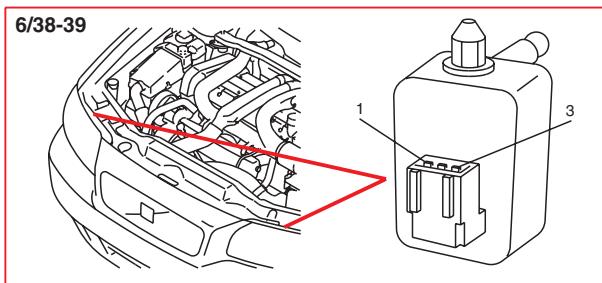
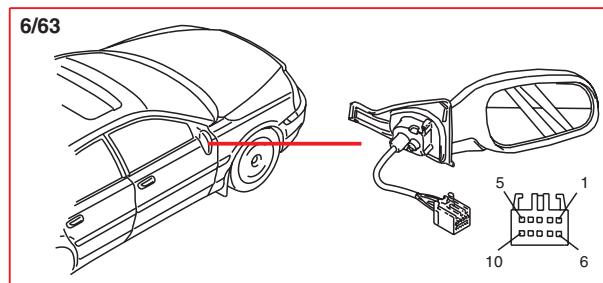
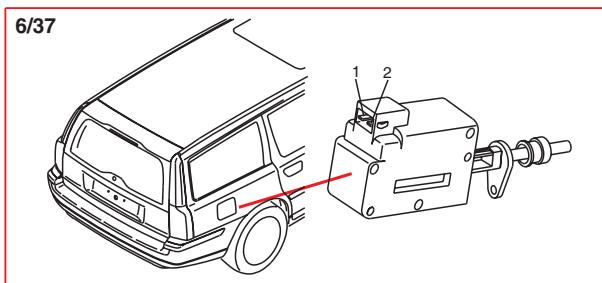
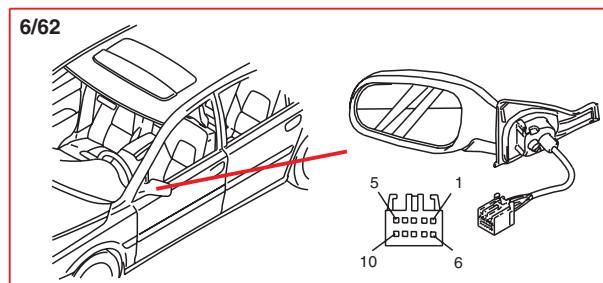
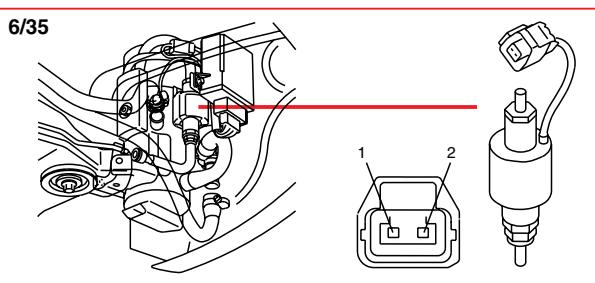
Component illustrations

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Component illustrations

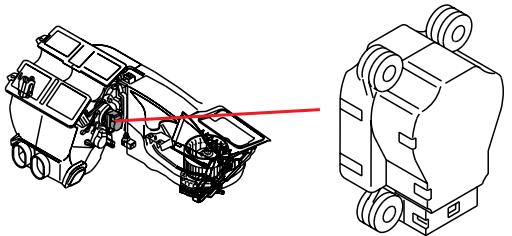
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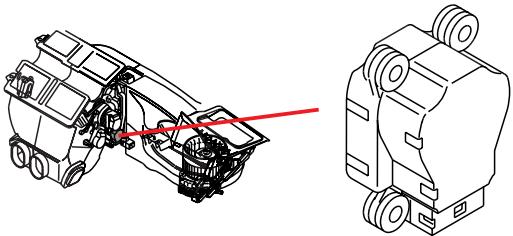
Component illustrations

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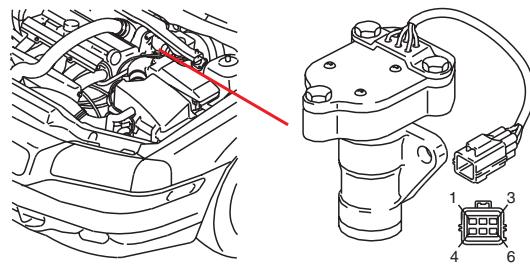
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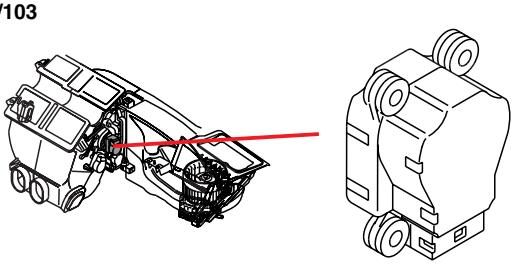
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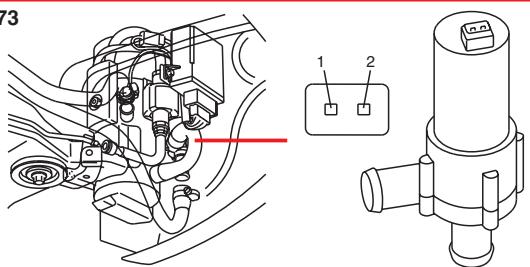
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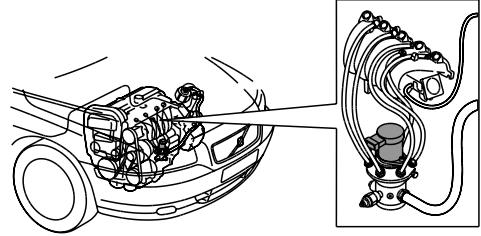
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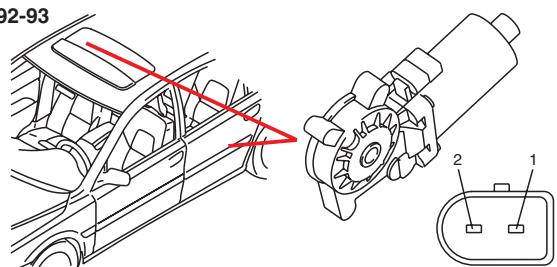
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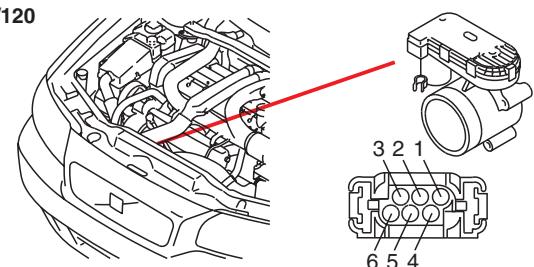
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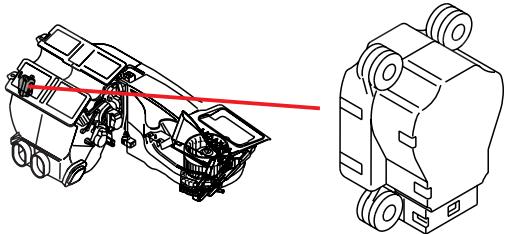
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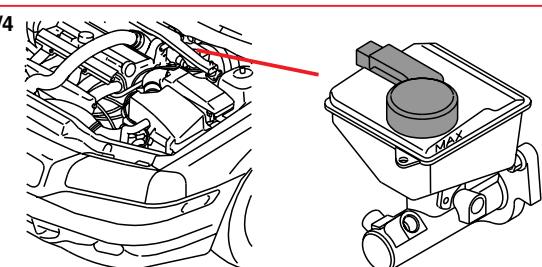
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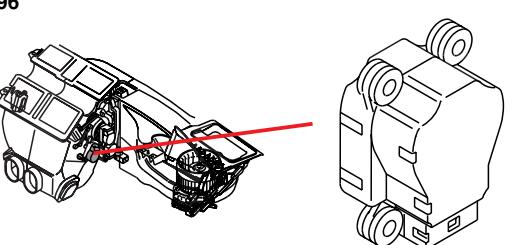
6/95



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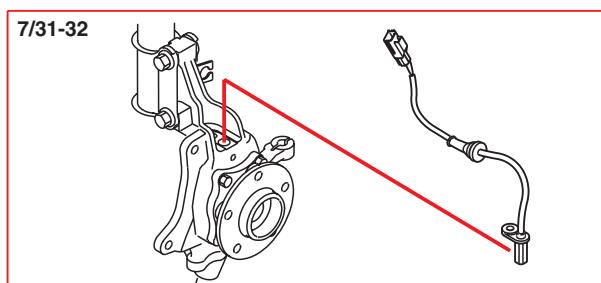
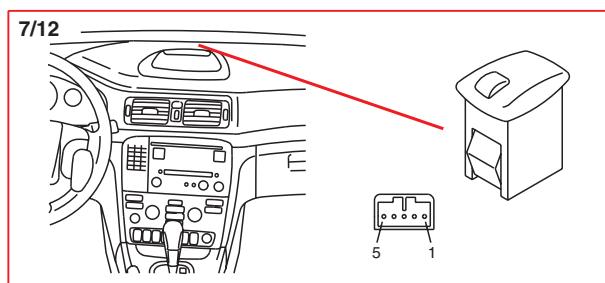
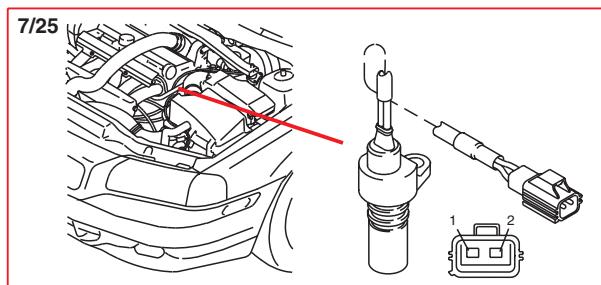
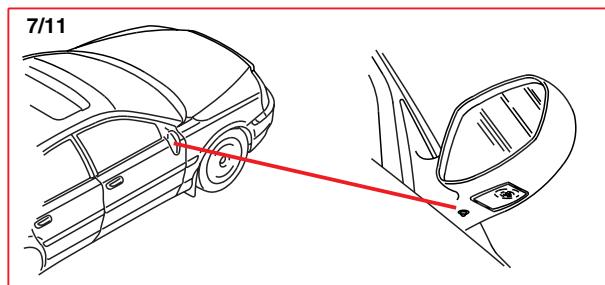
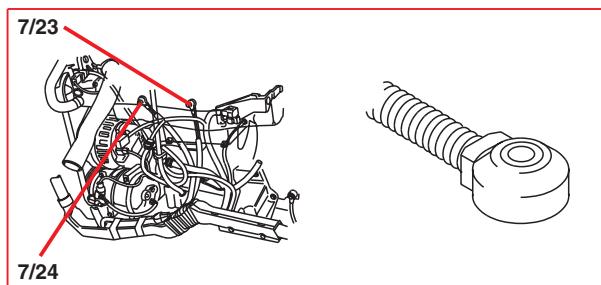
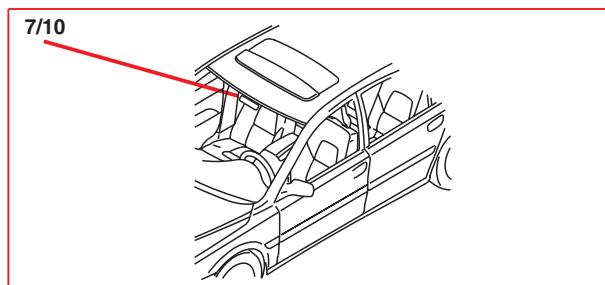
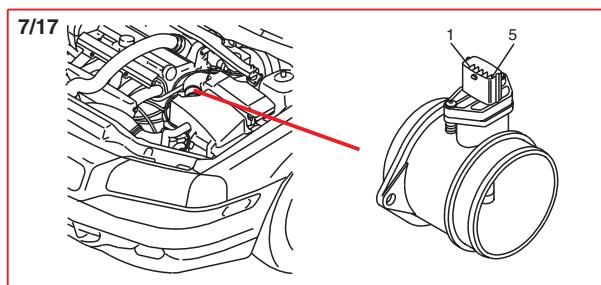
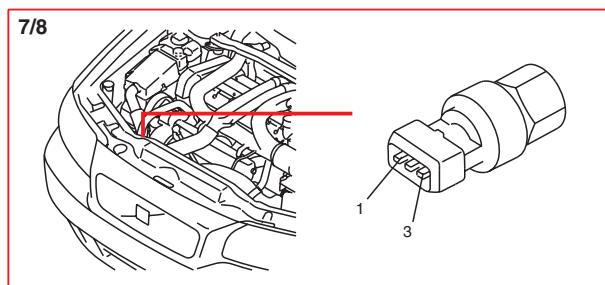
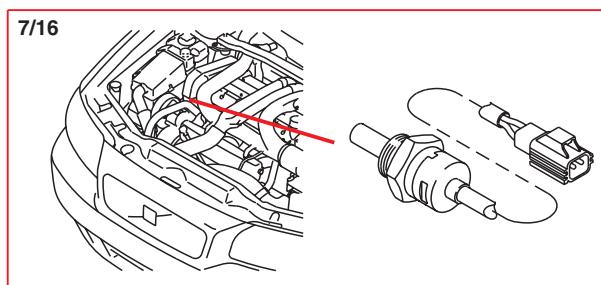
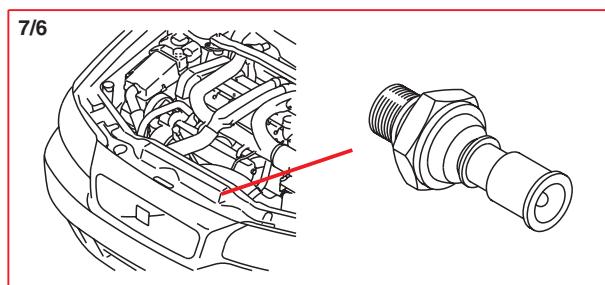
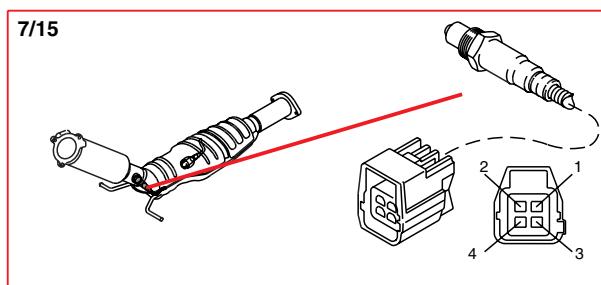
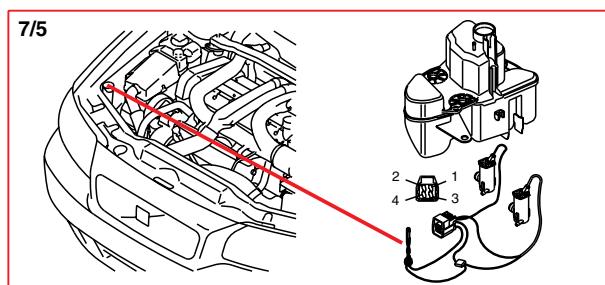


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Component illustrations

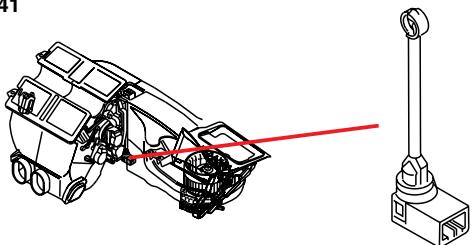
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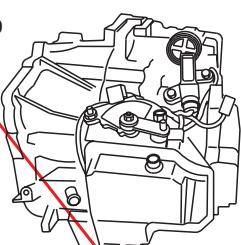
Component illustrations

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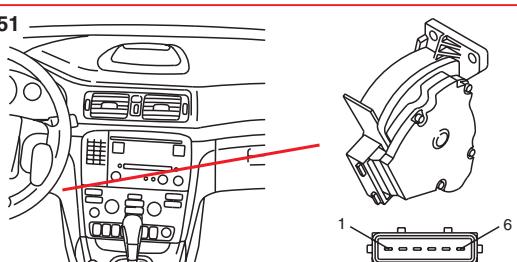
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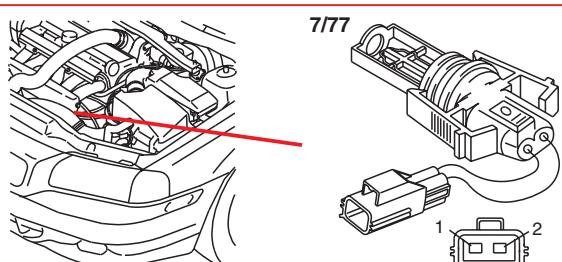
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AW 55-50



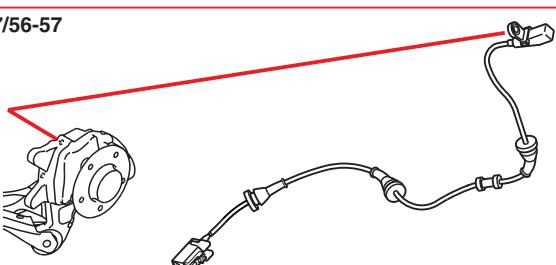
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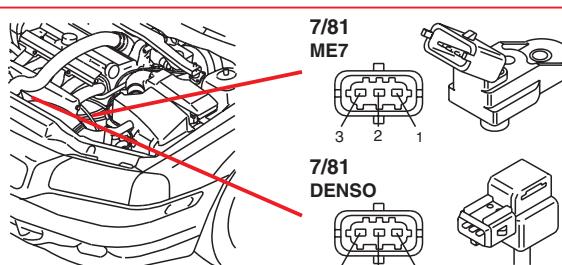


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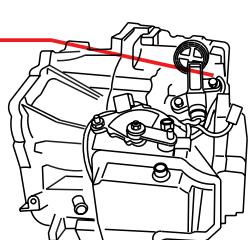


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ME7

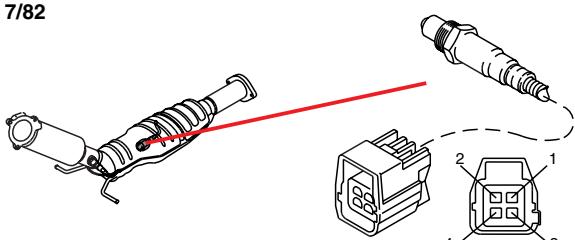
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DENSO



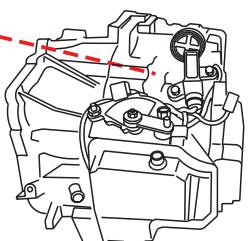
7/61
AW 55-50



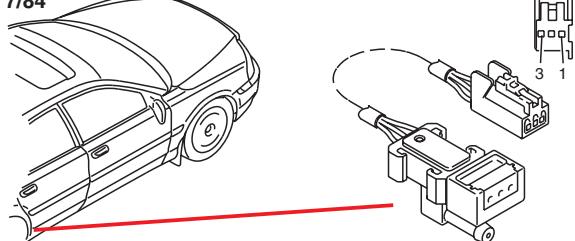
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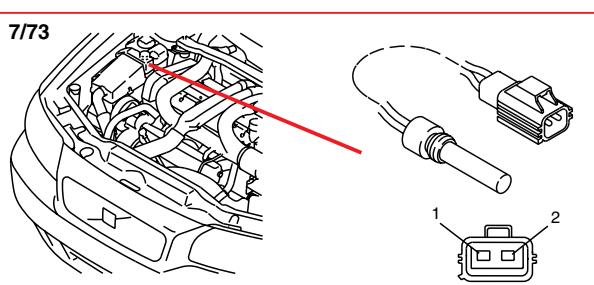
7/62
AW 55-50



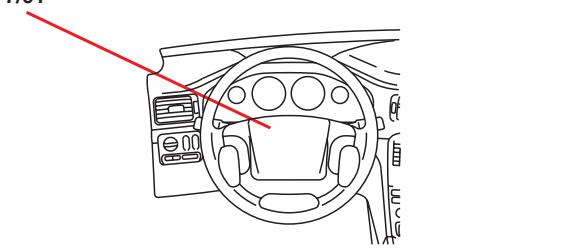
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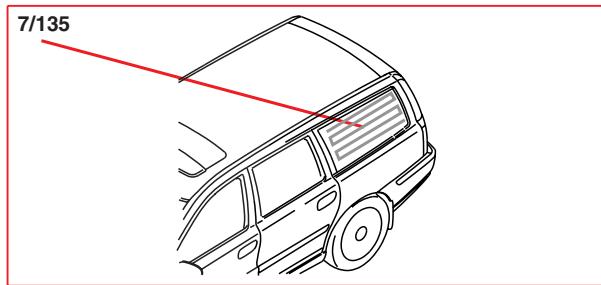
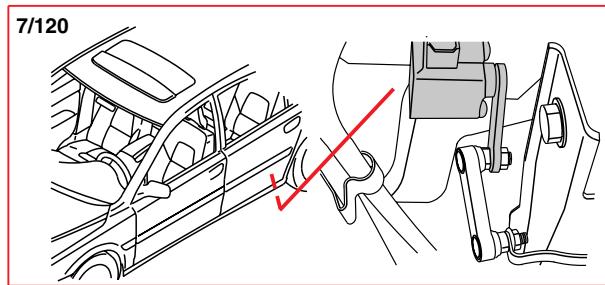
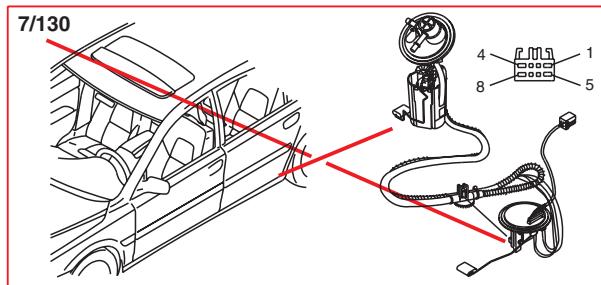
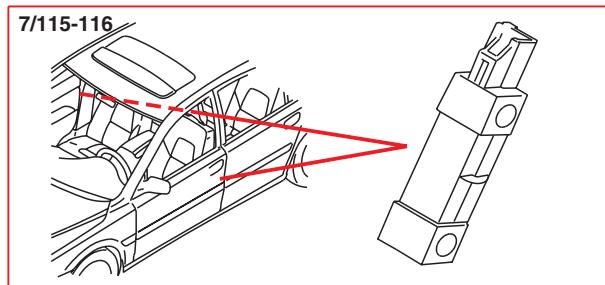
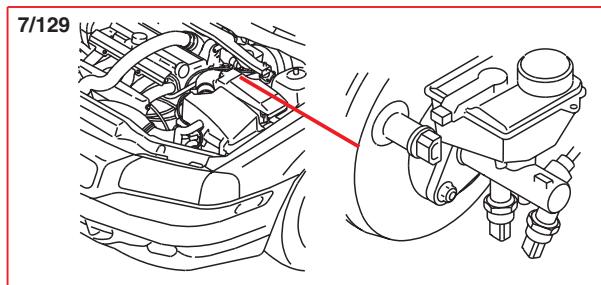
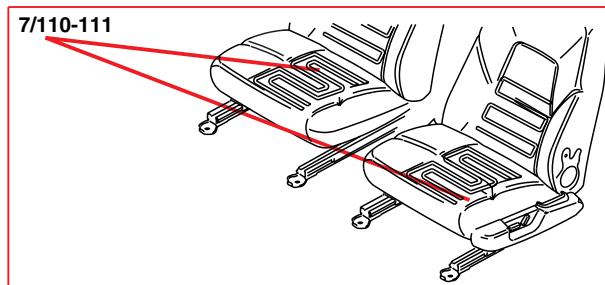
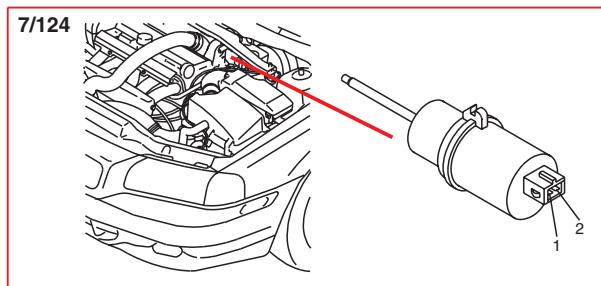
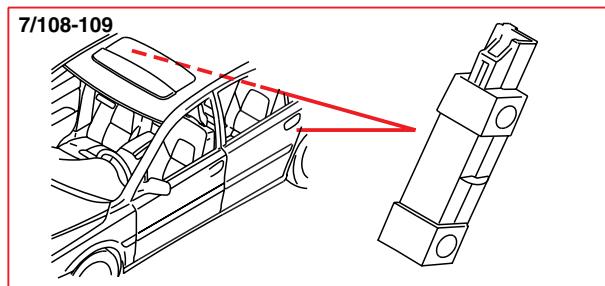
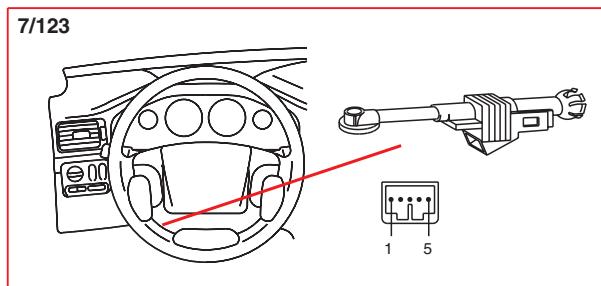
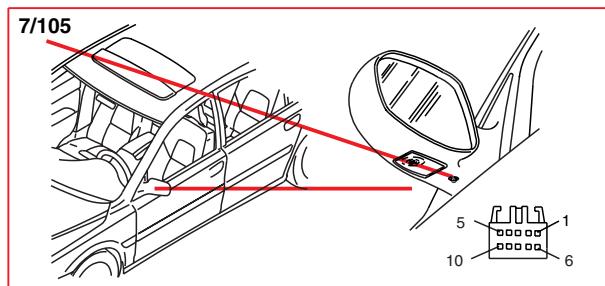
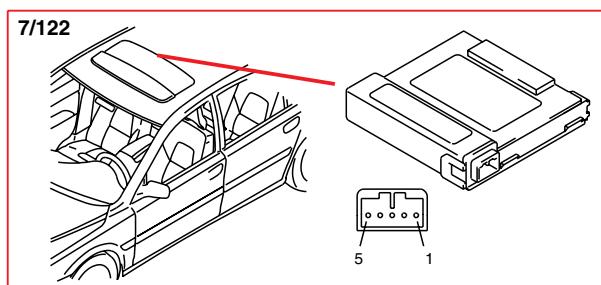
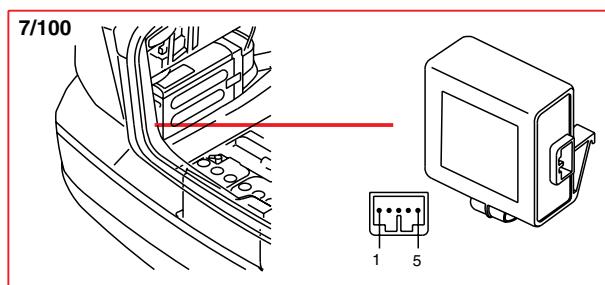


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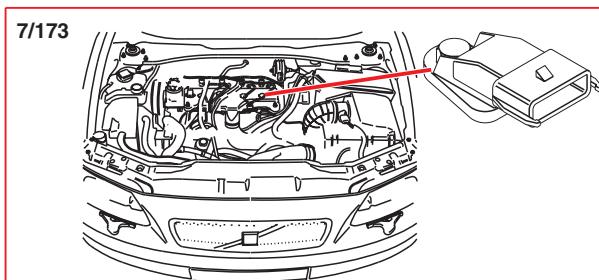
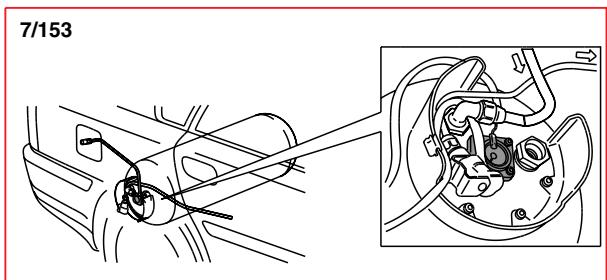
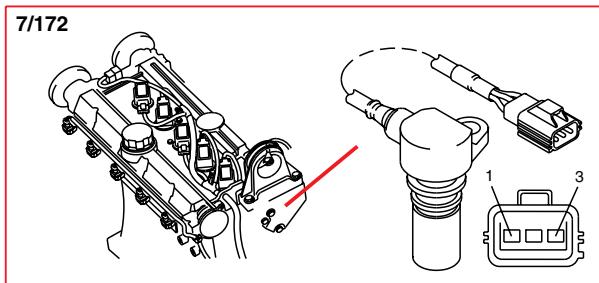
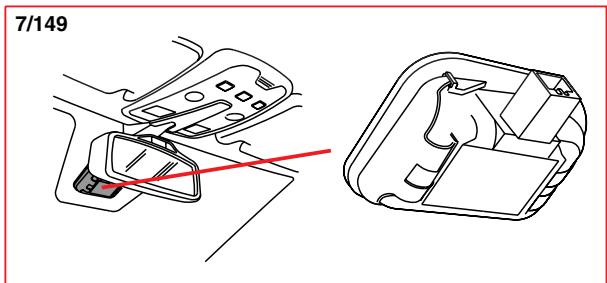
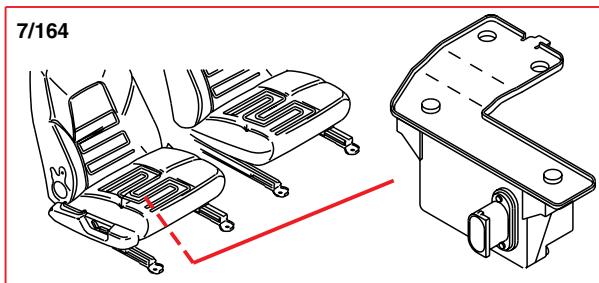
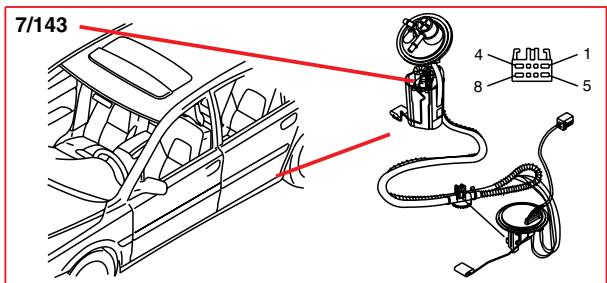
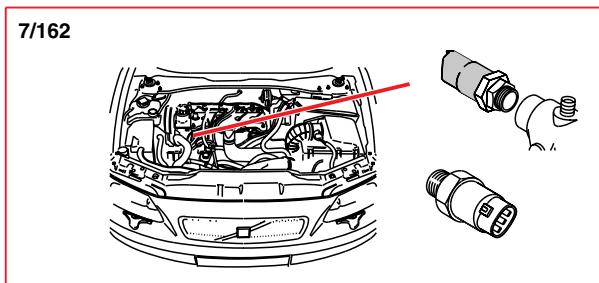
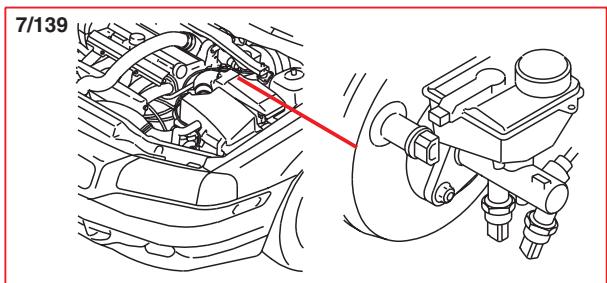
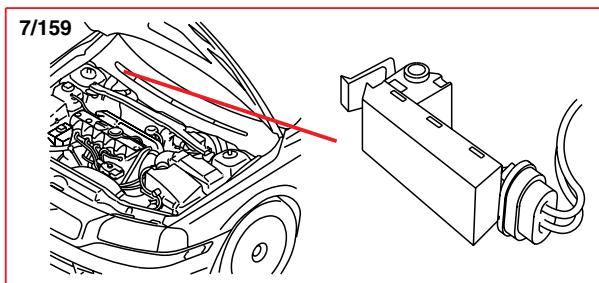
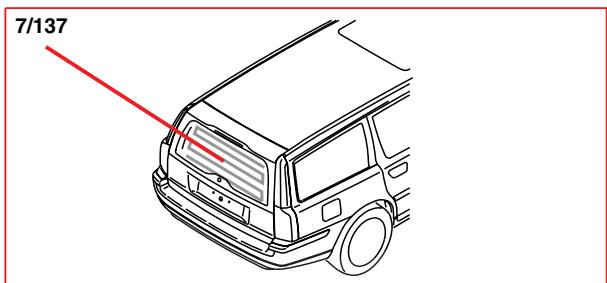
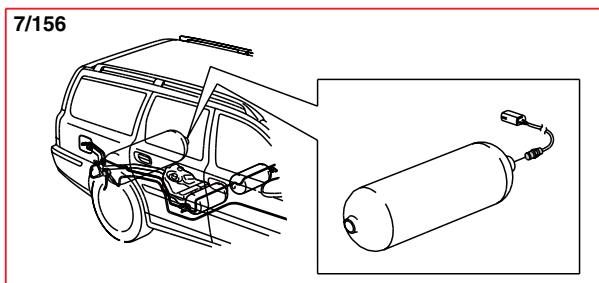
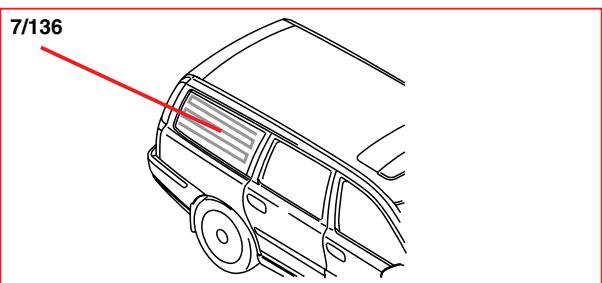
Component illustrations

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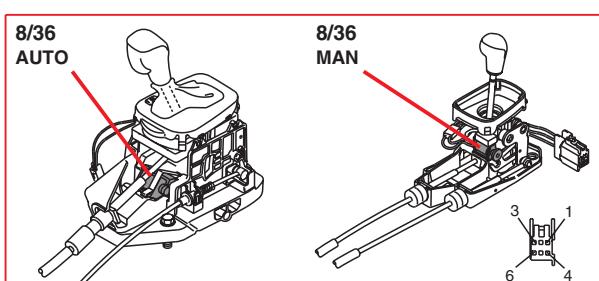
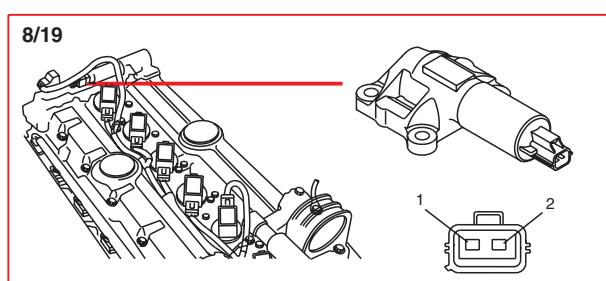
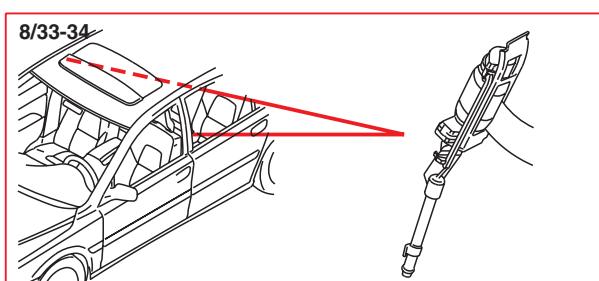
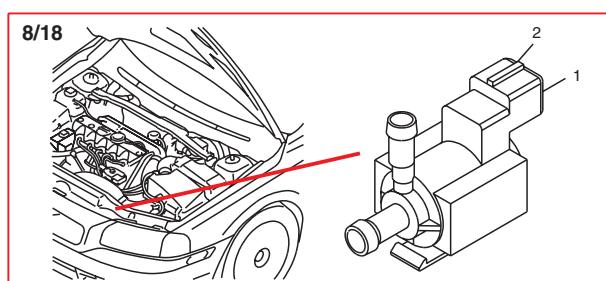
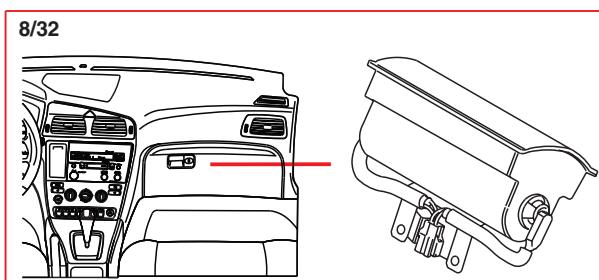
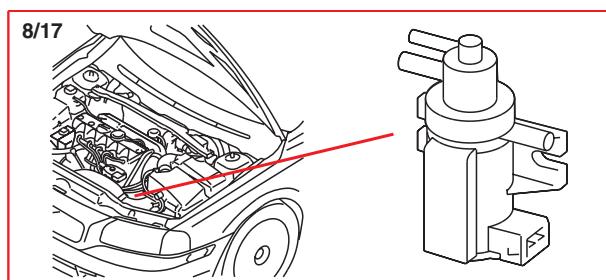
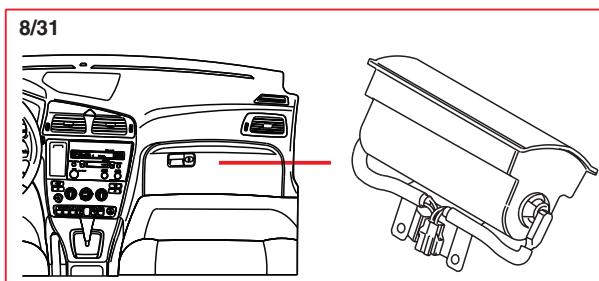
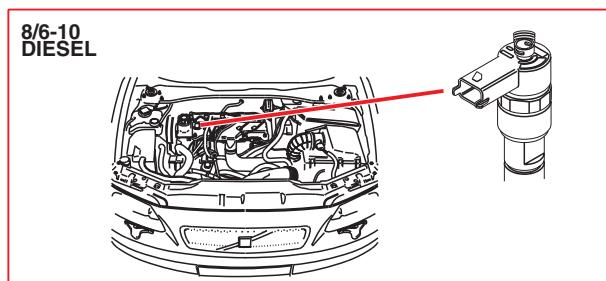
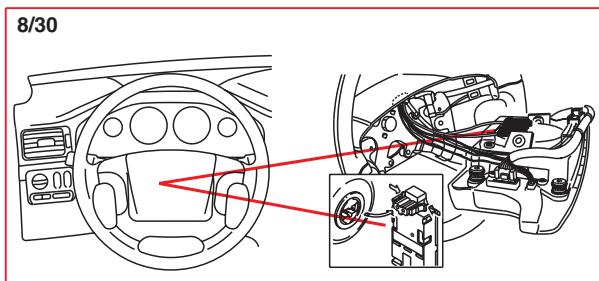
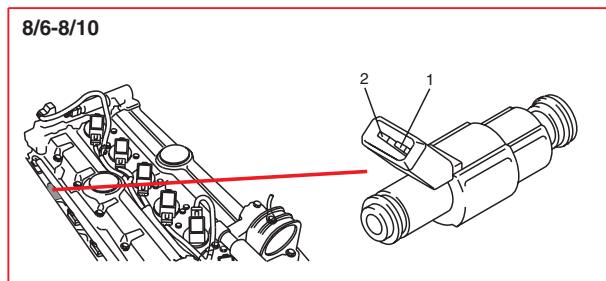
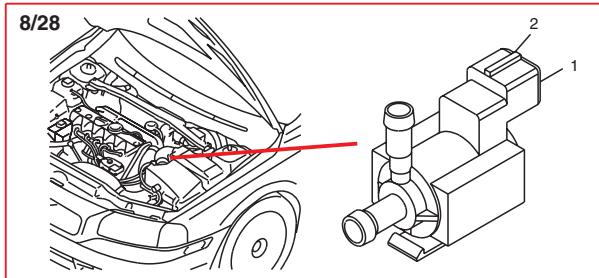
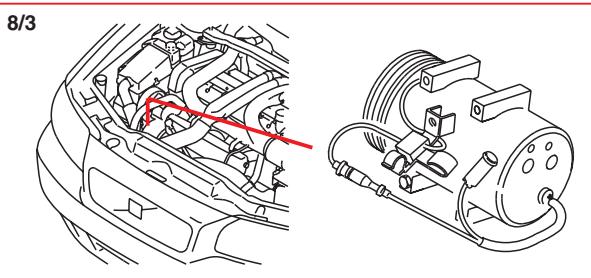
Component illustrations

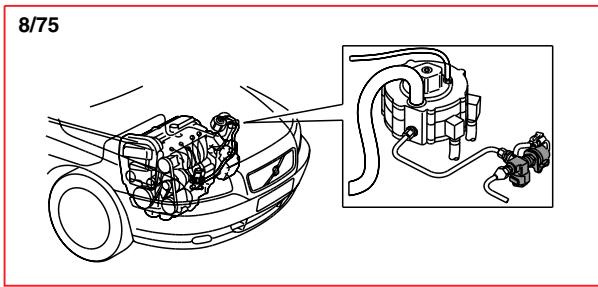
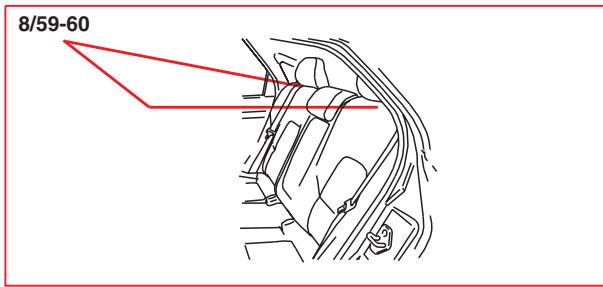
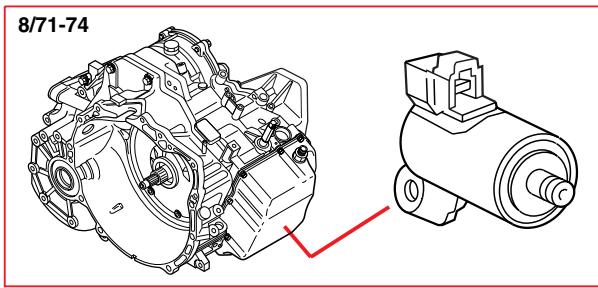
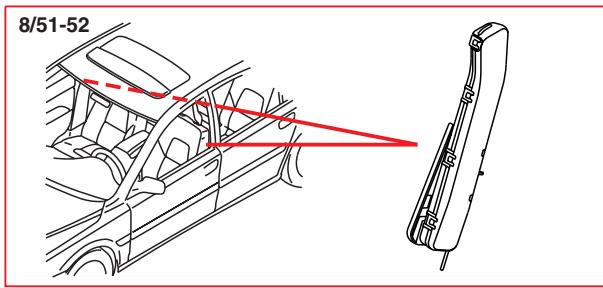
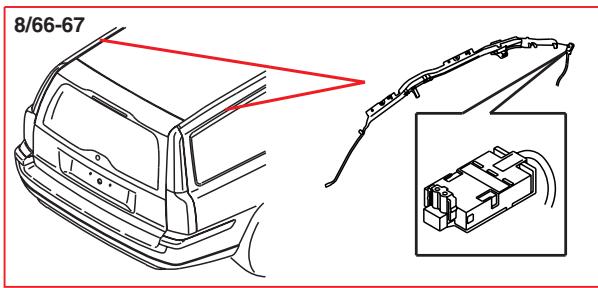
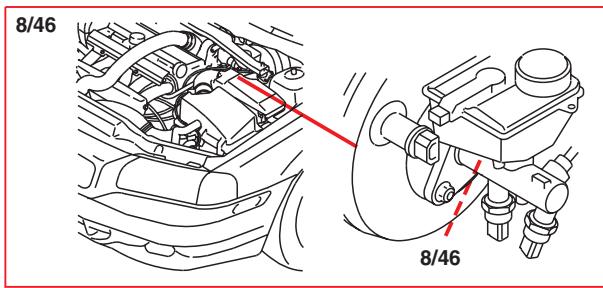
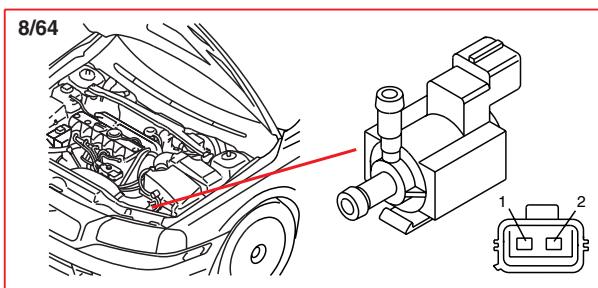
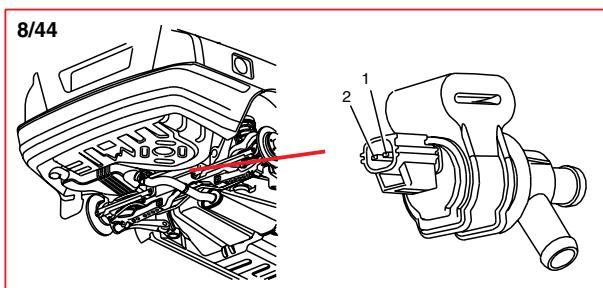
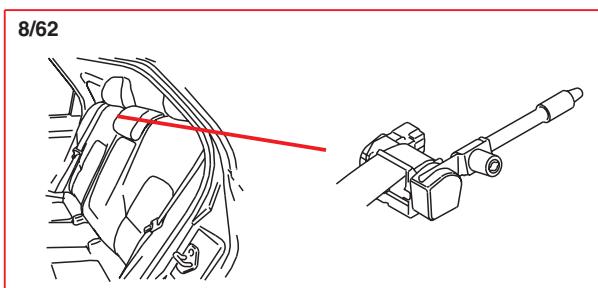
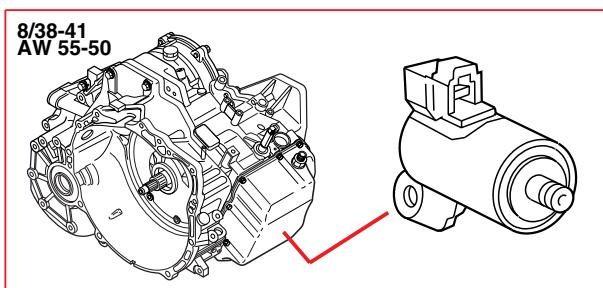
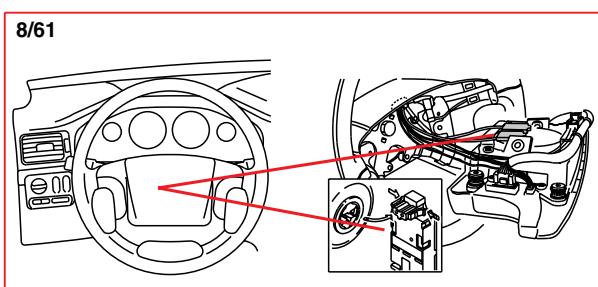
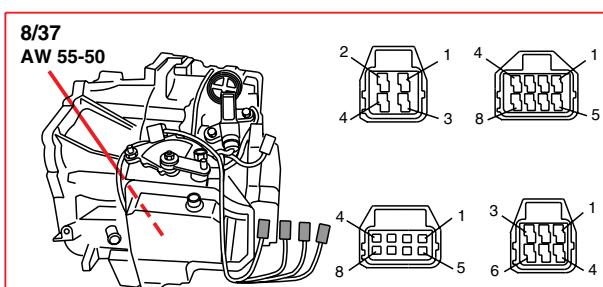
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Component illustrations

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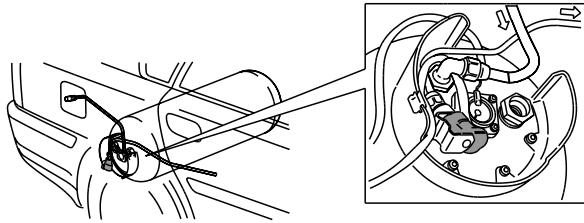




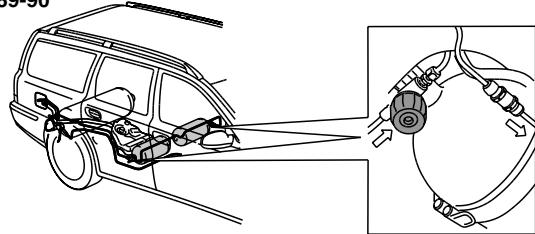
Component illustrations

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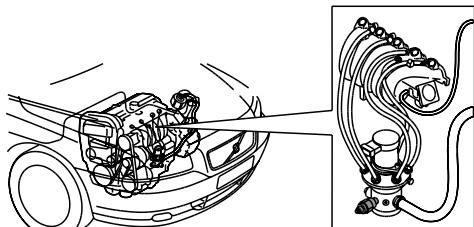
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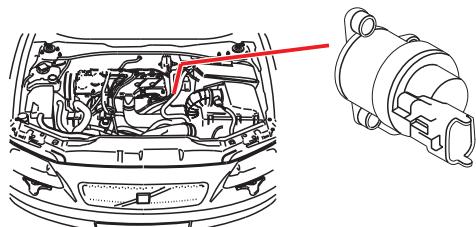
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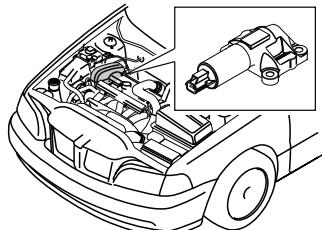
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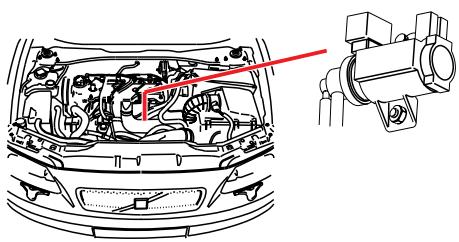
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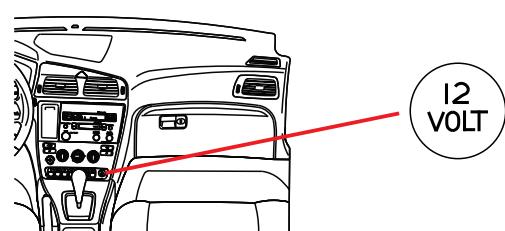
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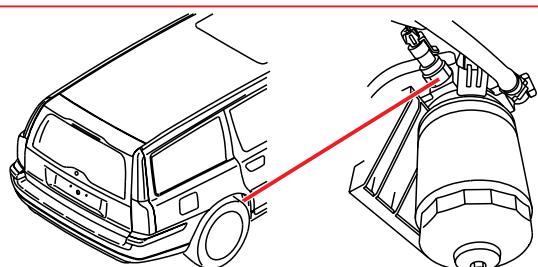
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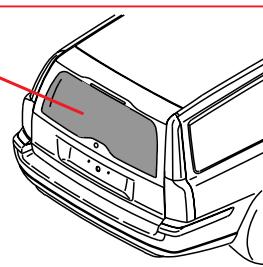
9/1



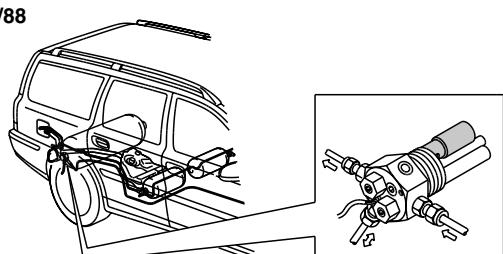
8/85



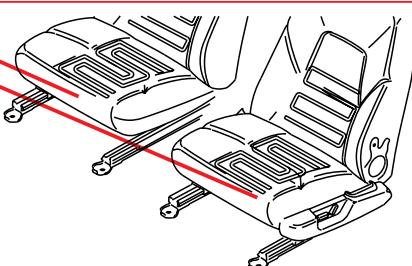
9/2



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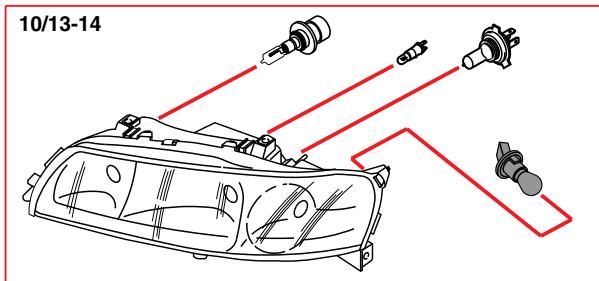
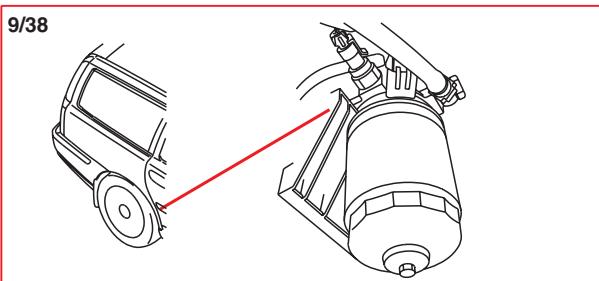
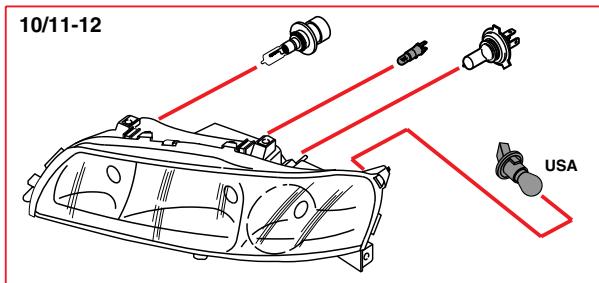
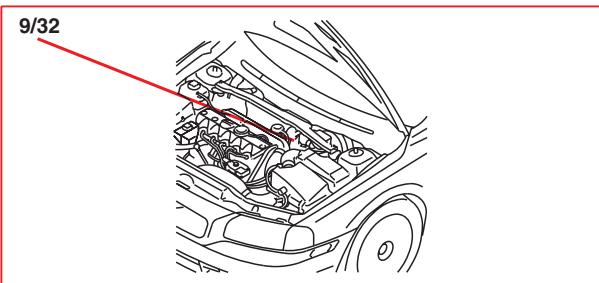
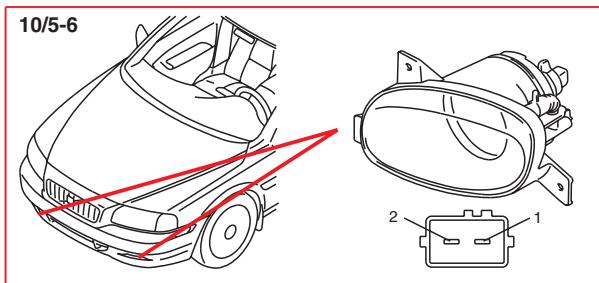
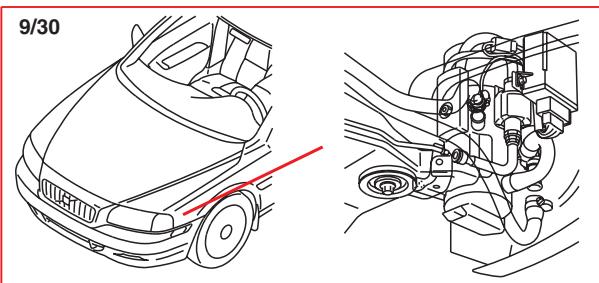
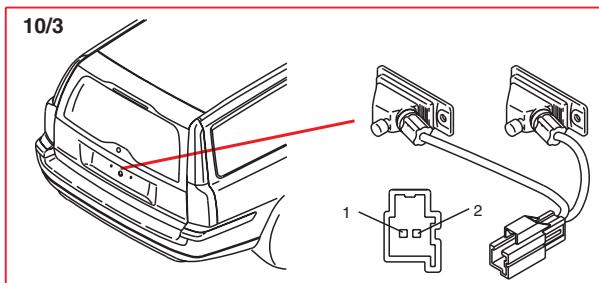
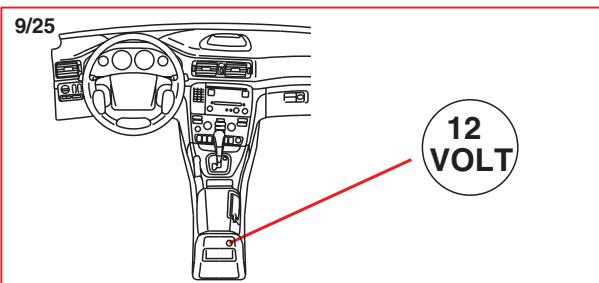
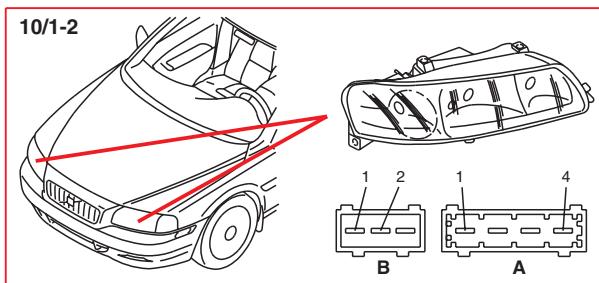
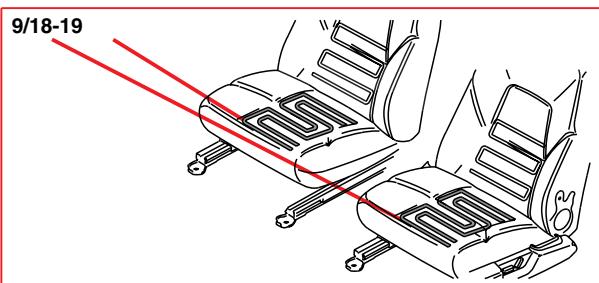
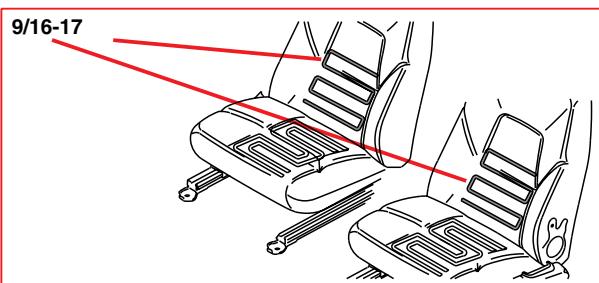


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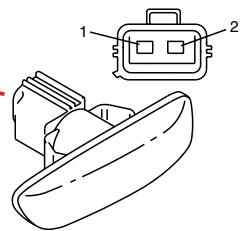
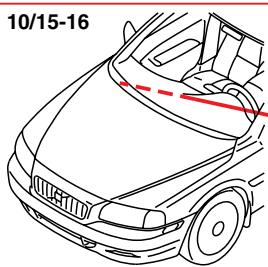
Component illustrations

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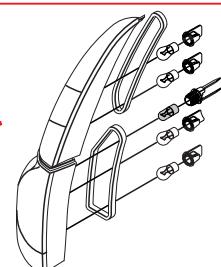
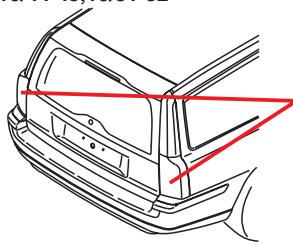


Component illustrations

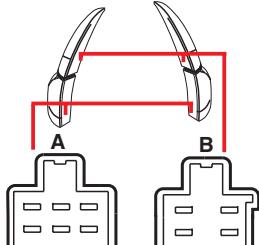
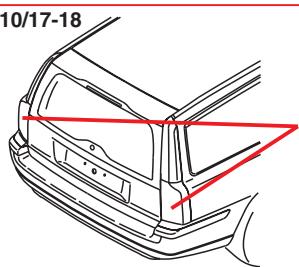
10/15 - 10/66



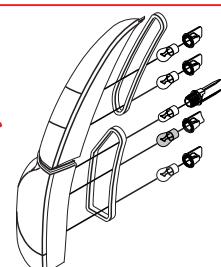
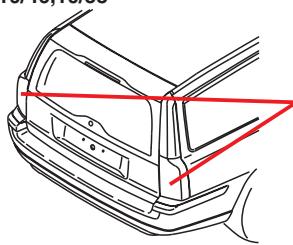
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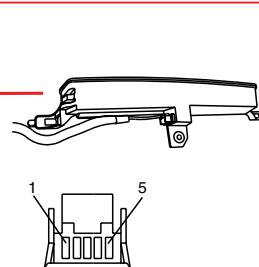
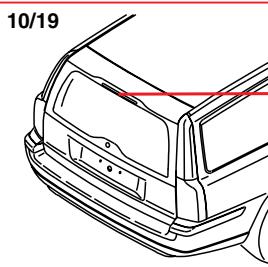
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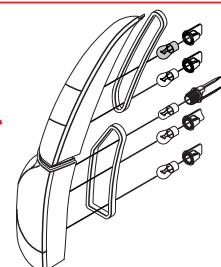
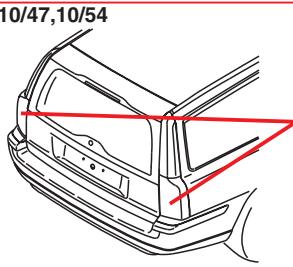
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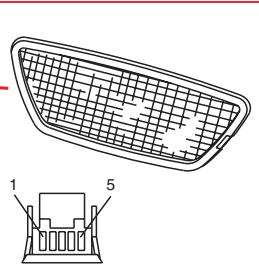
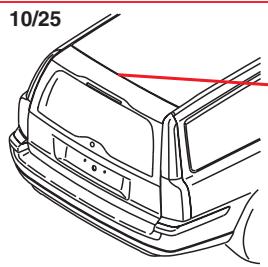
10/19



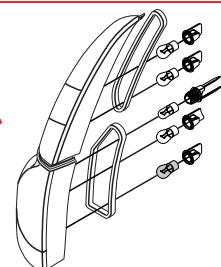
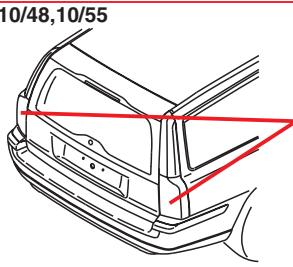
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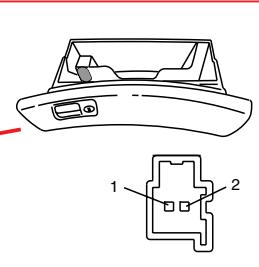
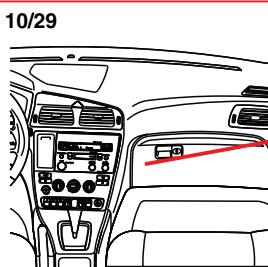
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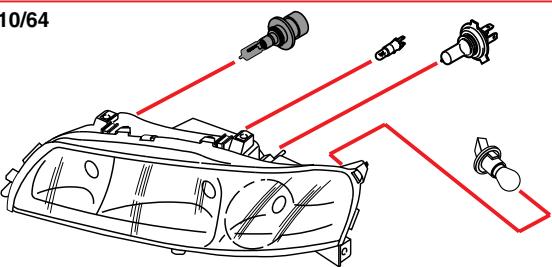
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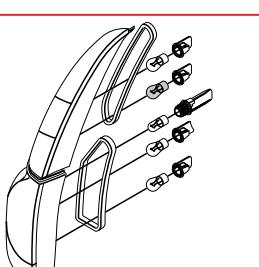
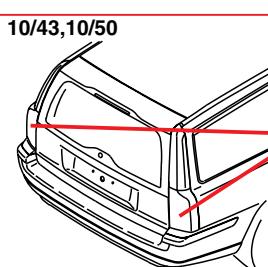
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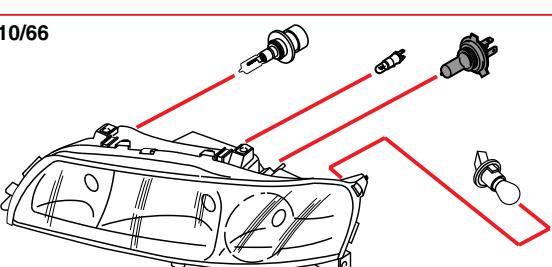
10/64



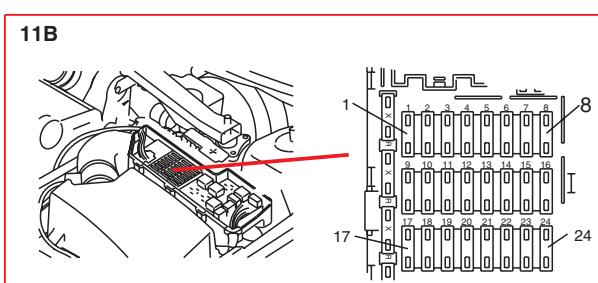
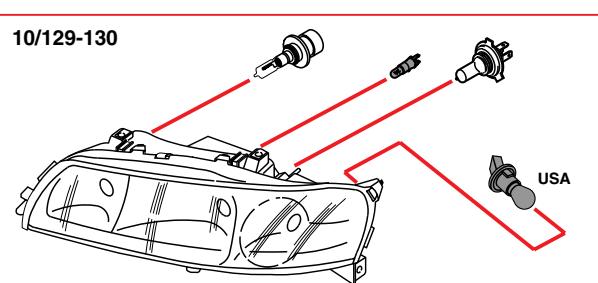
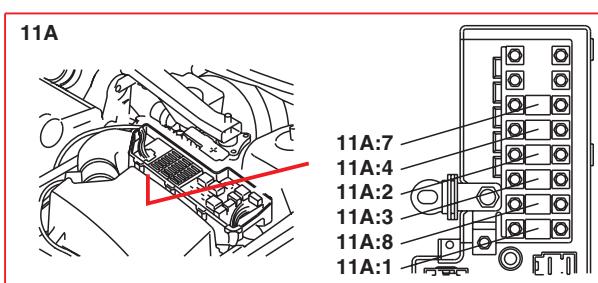
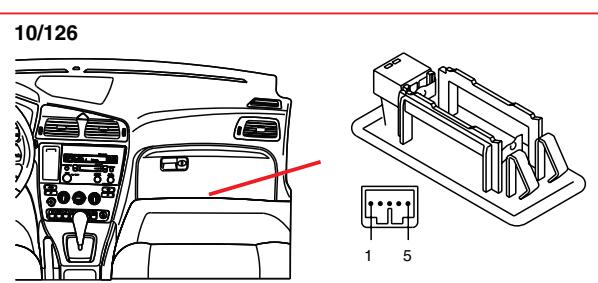
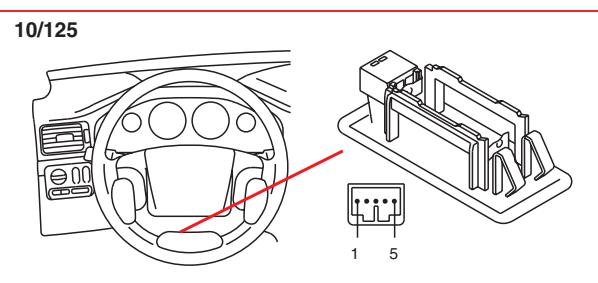
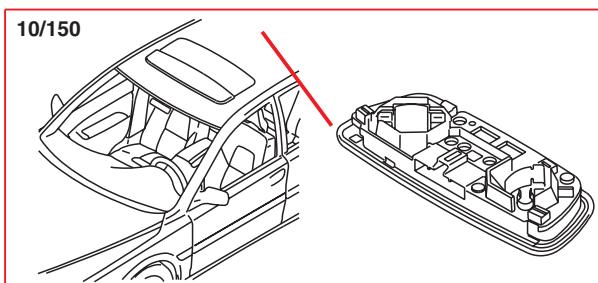
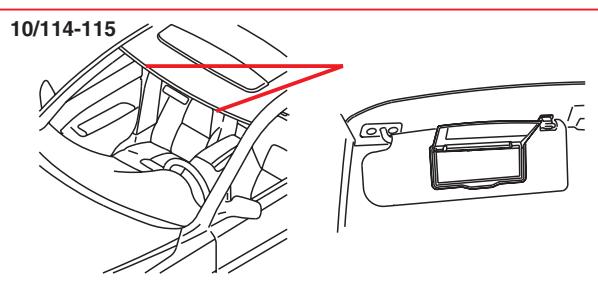
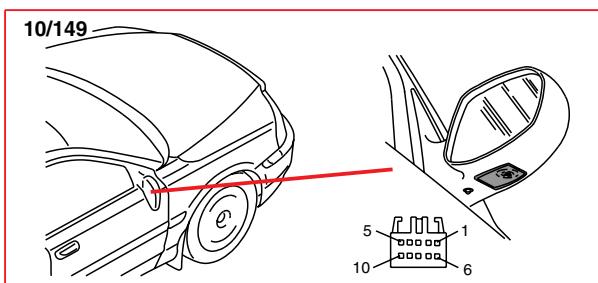
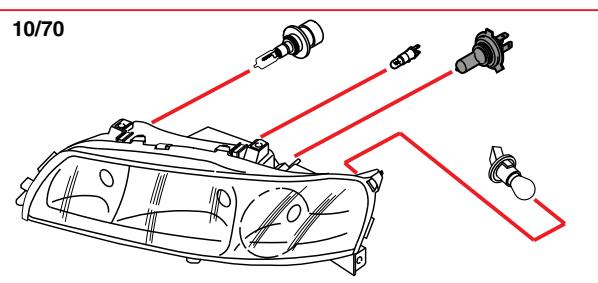
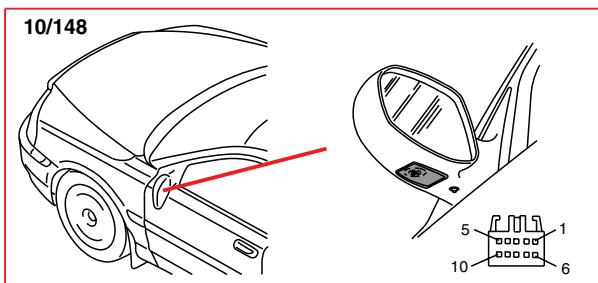
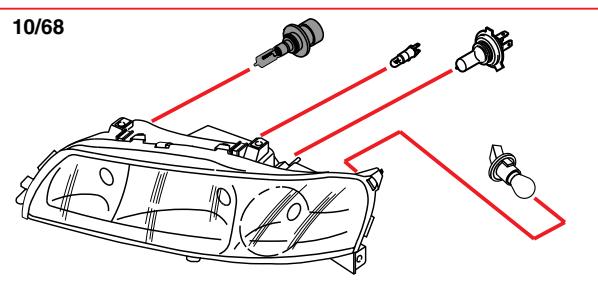
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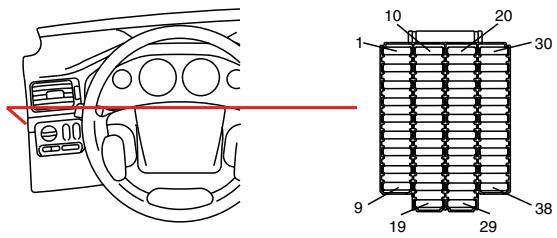
Component illustrations
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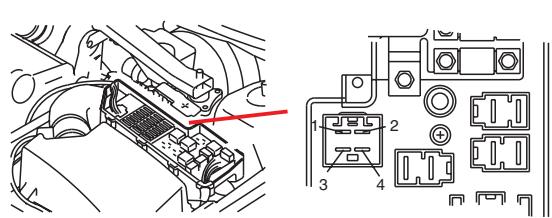
Component illustrations

11C - 15/30

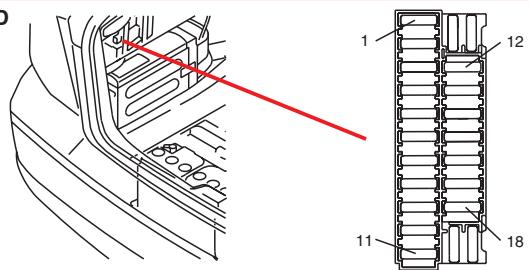
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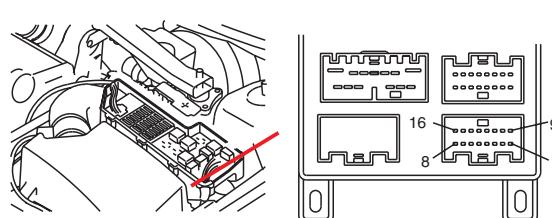
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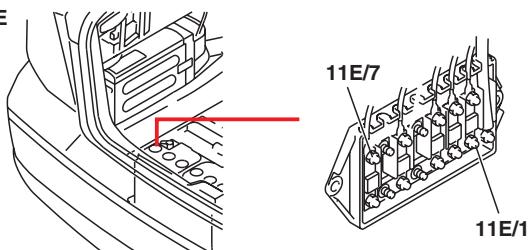
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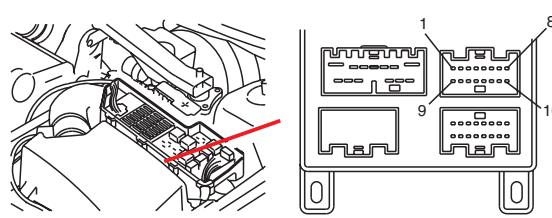
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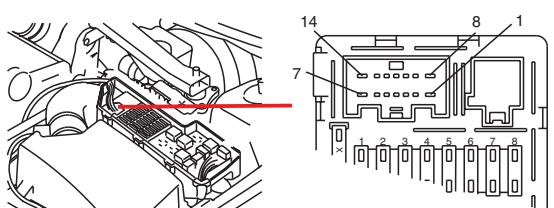
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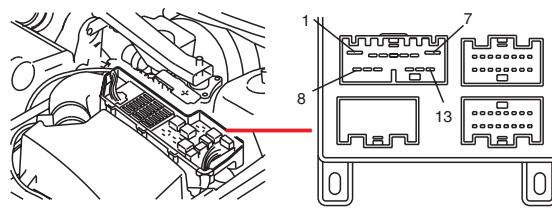
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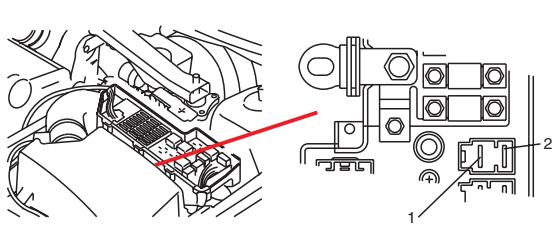
15/20



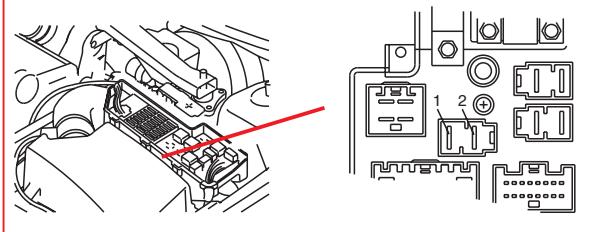
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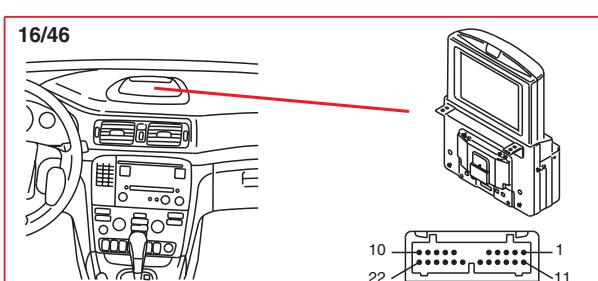
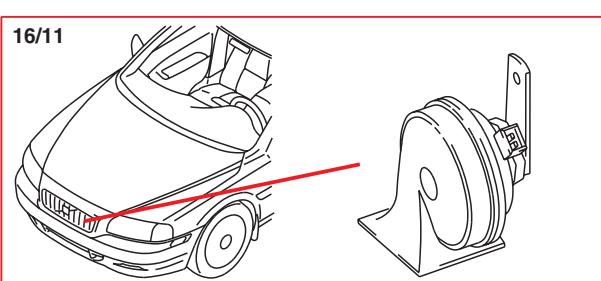
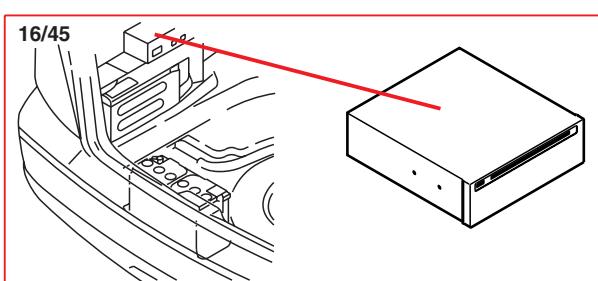
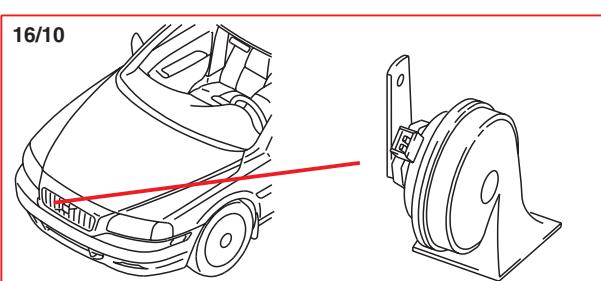
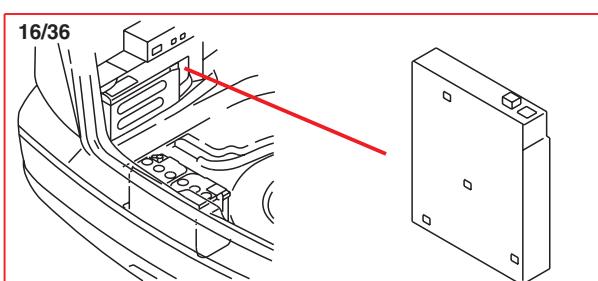
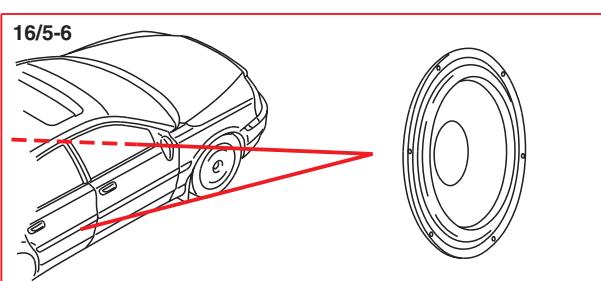
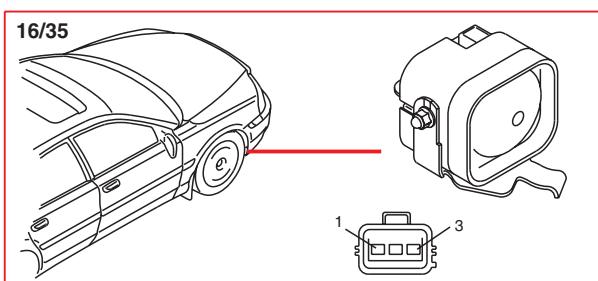
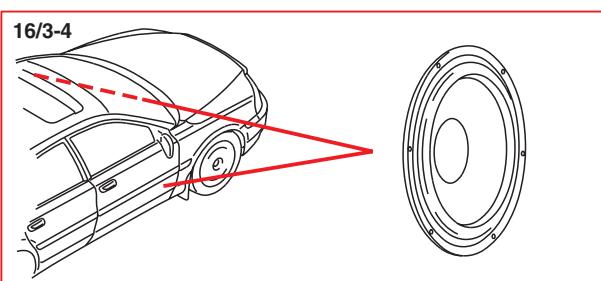
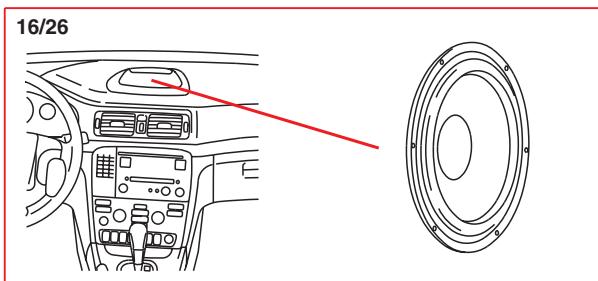
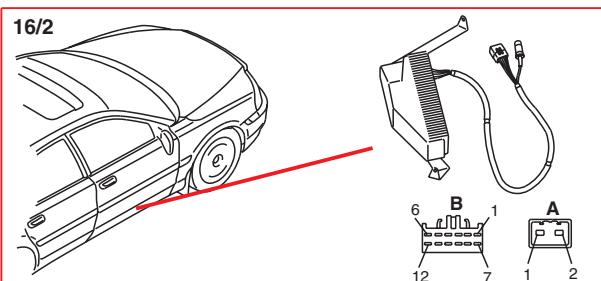
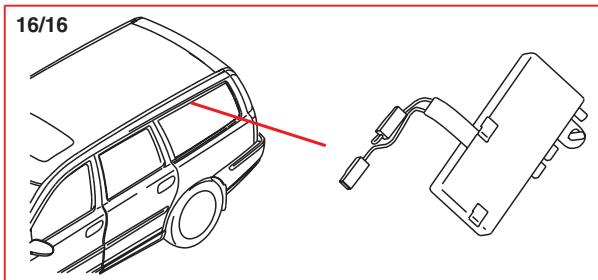
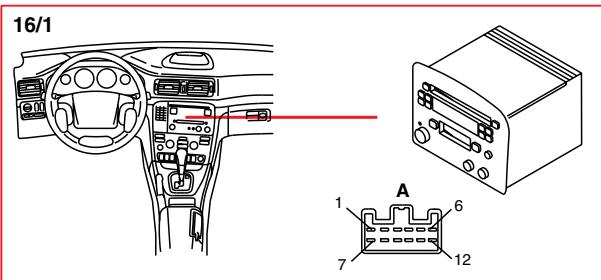


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Component illustrations

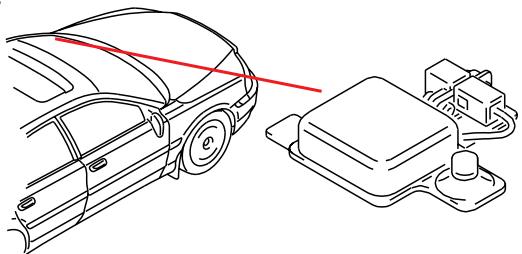
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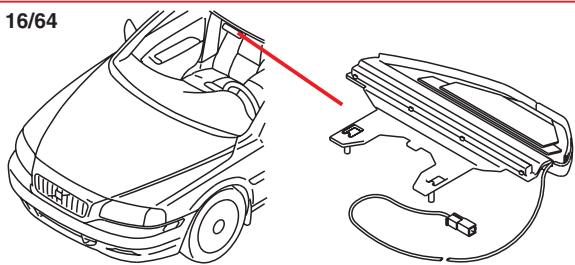
Component illustrations

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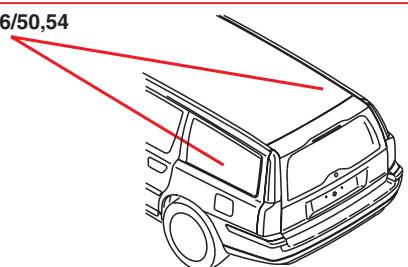
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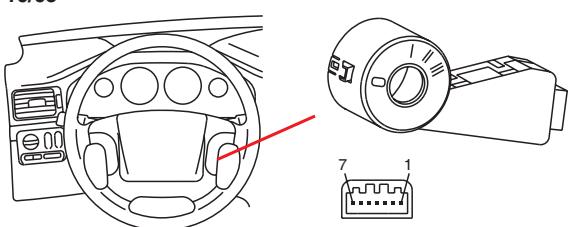
16/64



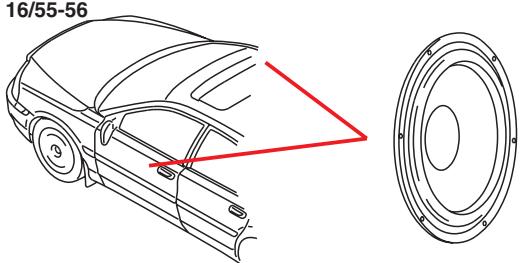
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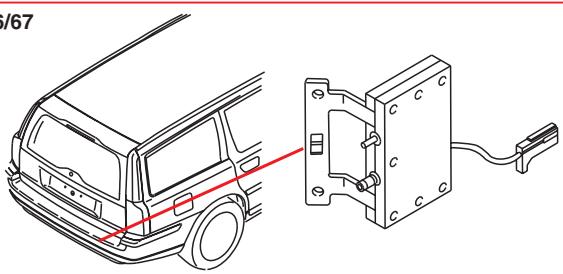
16/65



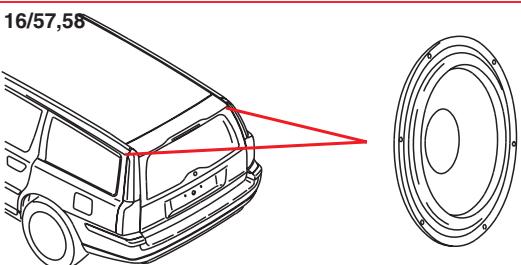
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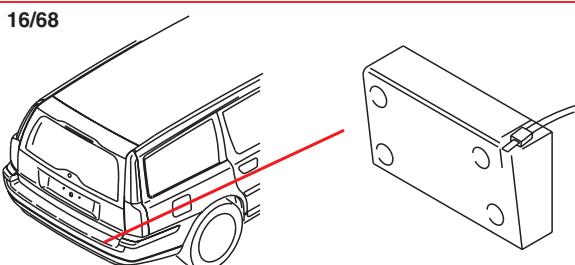
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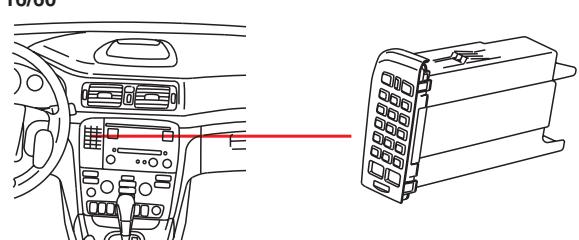
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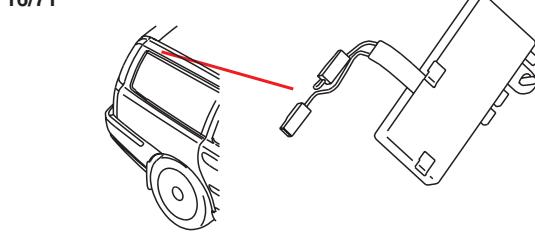
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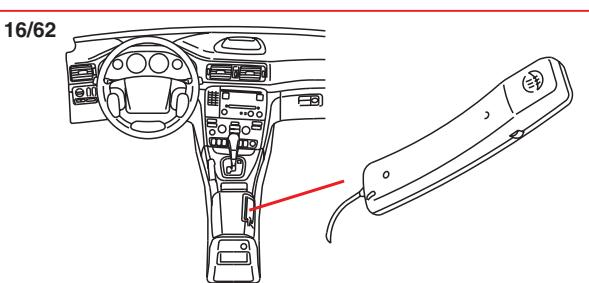
16/60



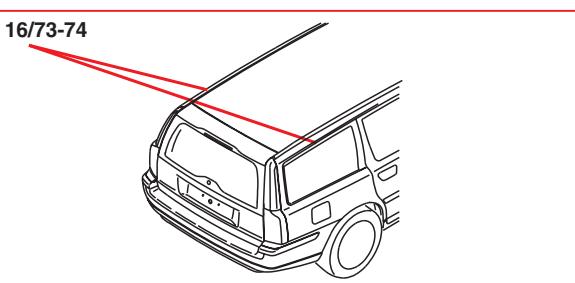
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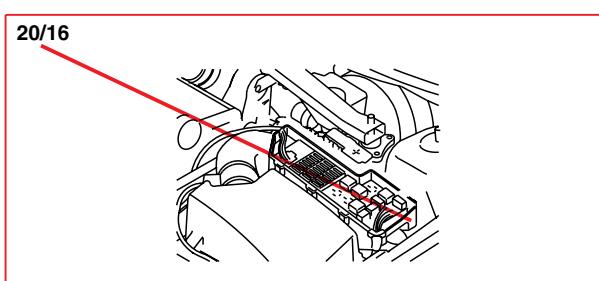
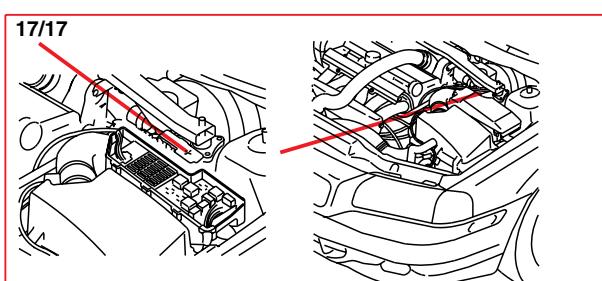
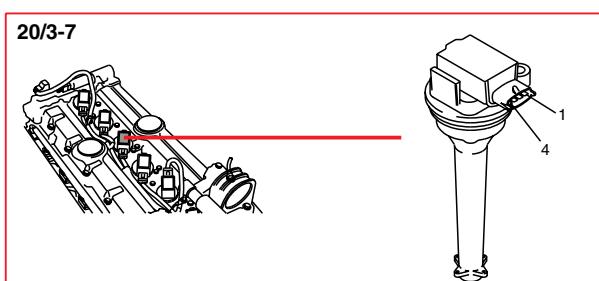
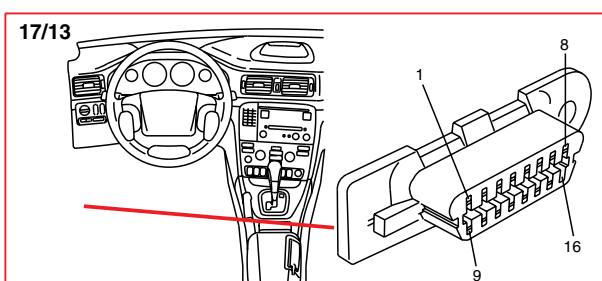
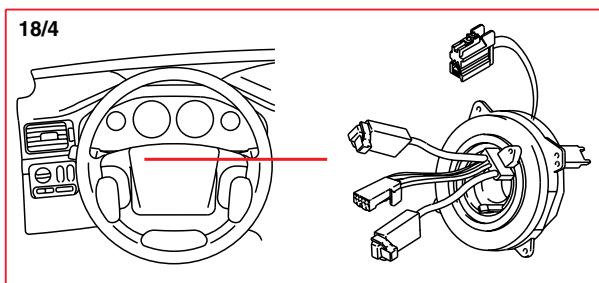
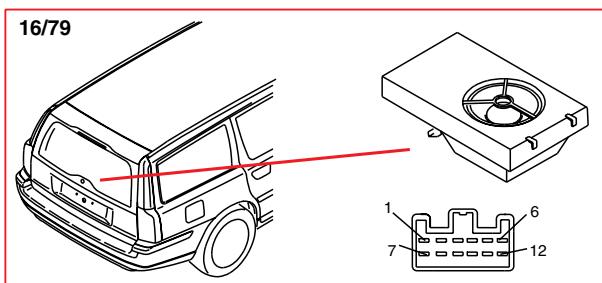
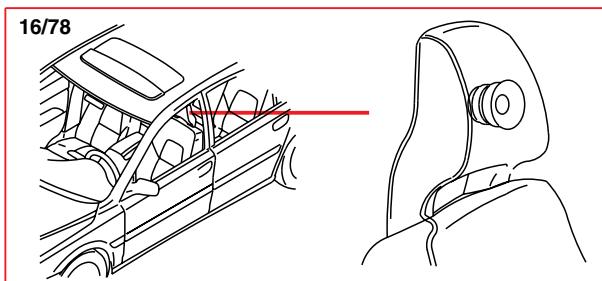
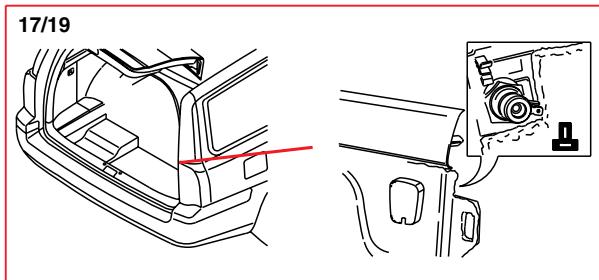
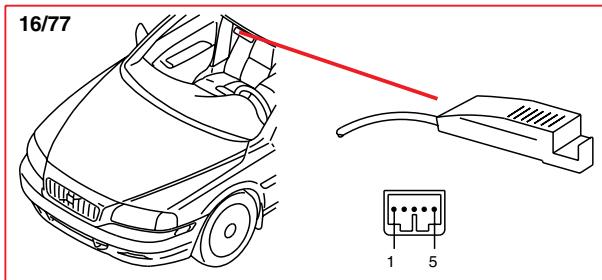
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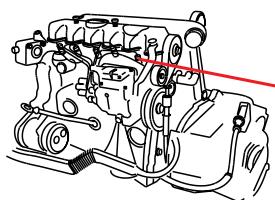
Component illustrations
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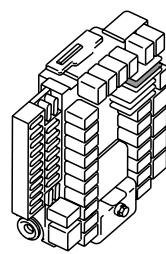
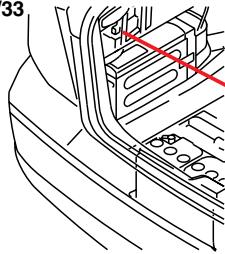
Component illustrations

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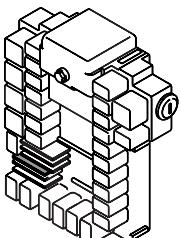
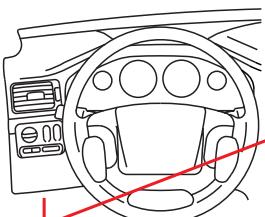
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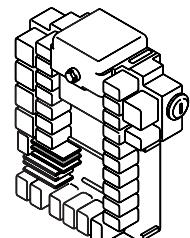
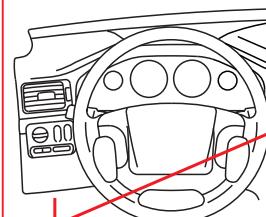
20/33



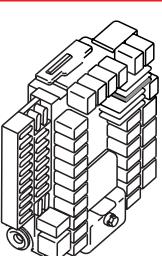
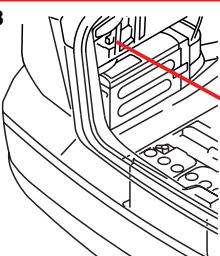
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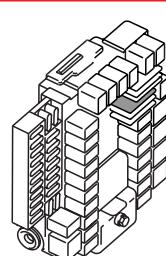
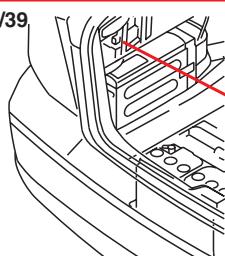
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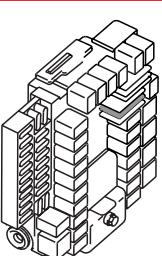
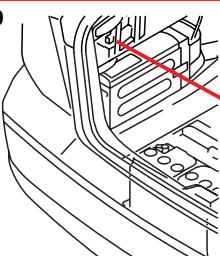
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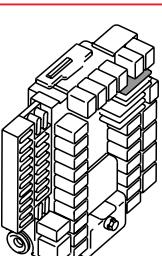
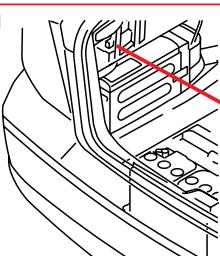
20/39



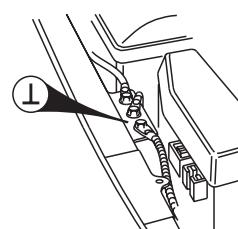
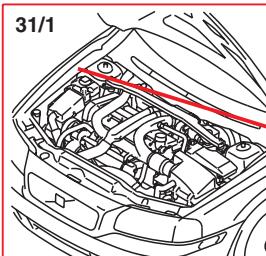
20/29



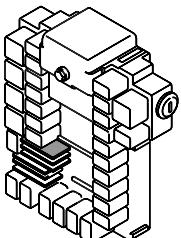
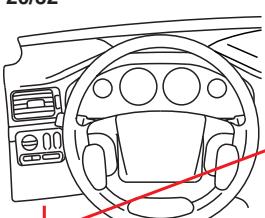
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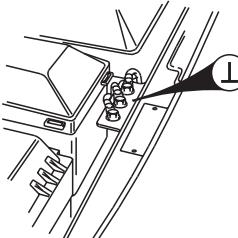
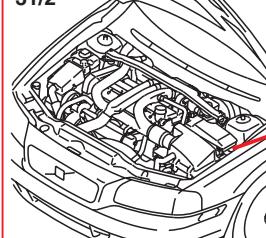
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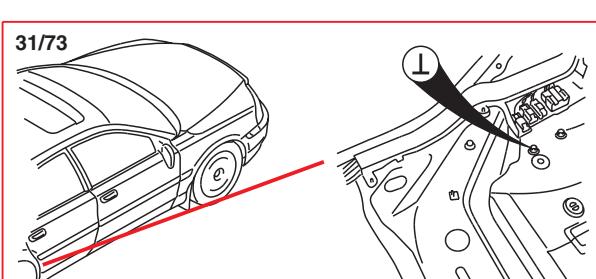
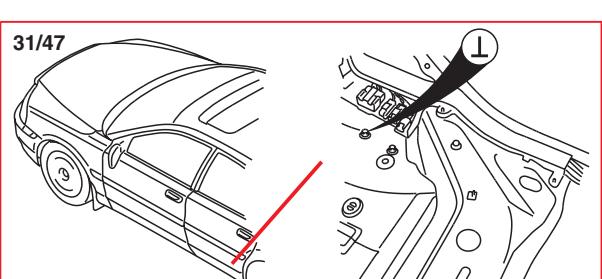
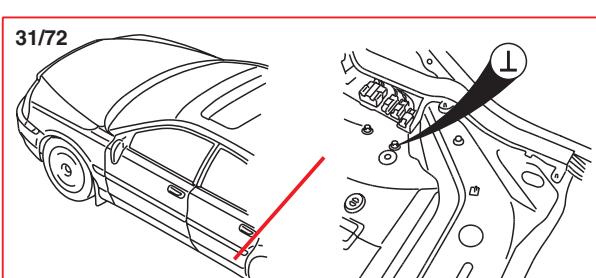
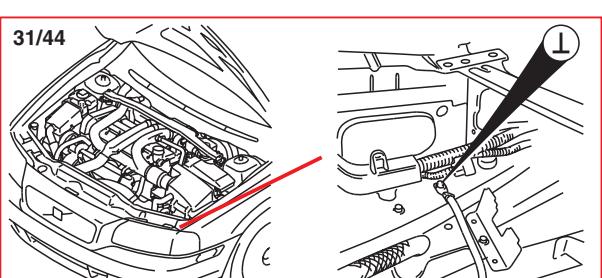
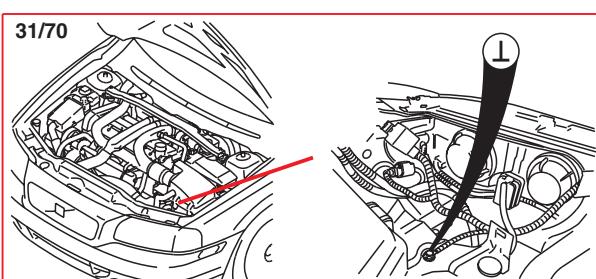
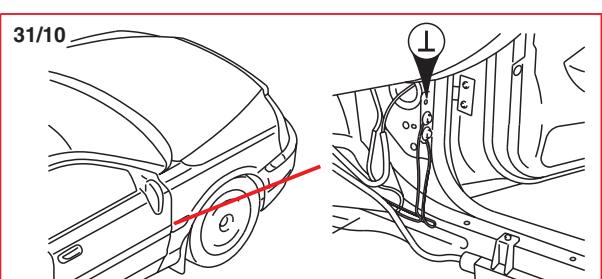
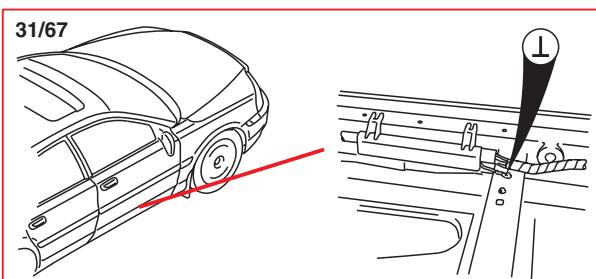
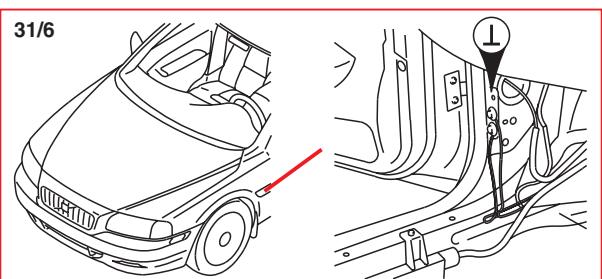
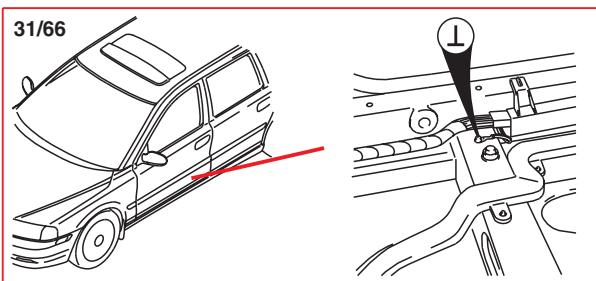
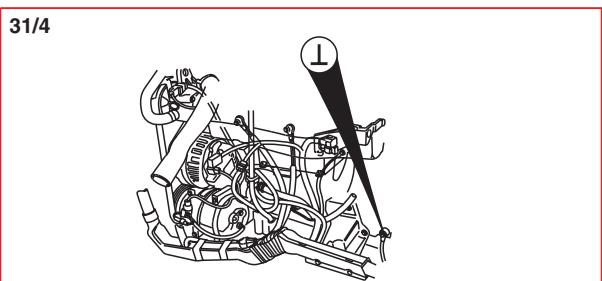
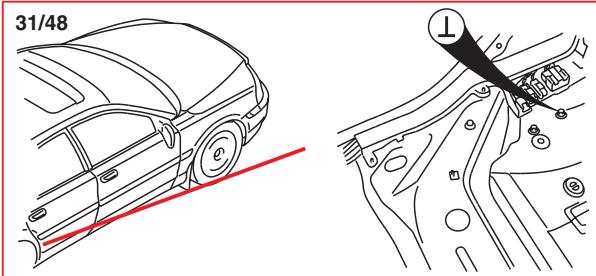
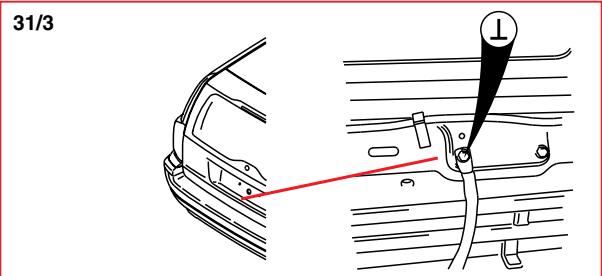
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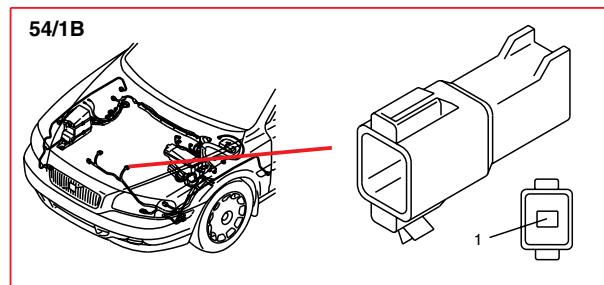
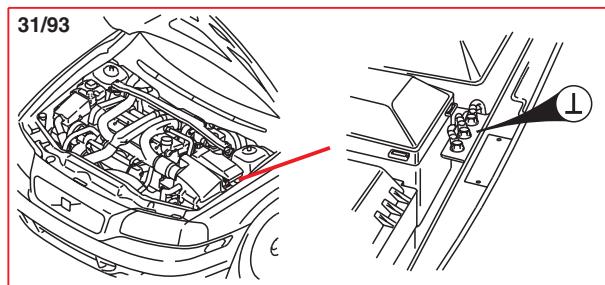
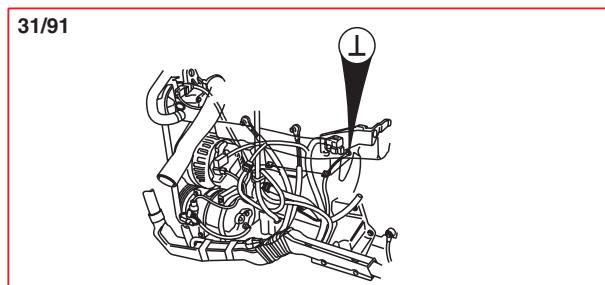
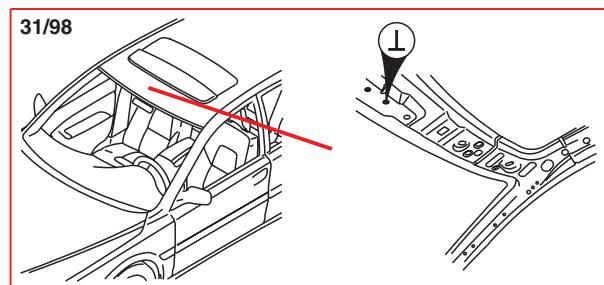
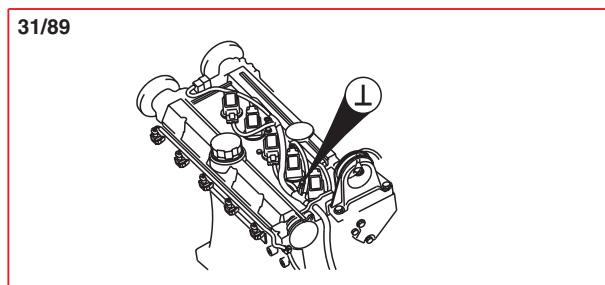
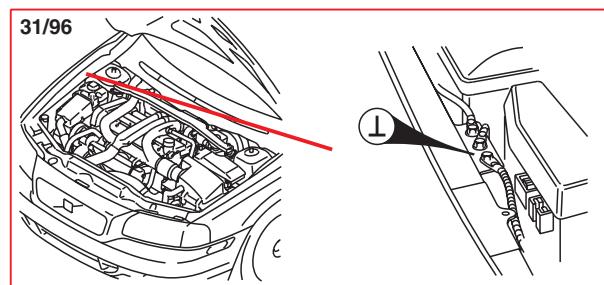
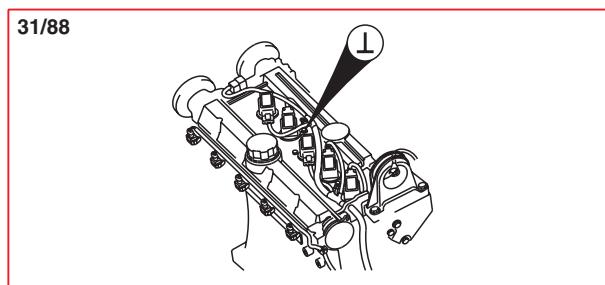
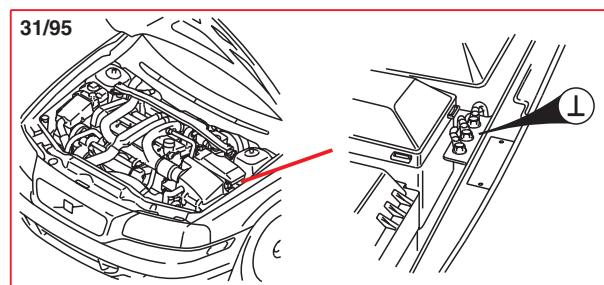
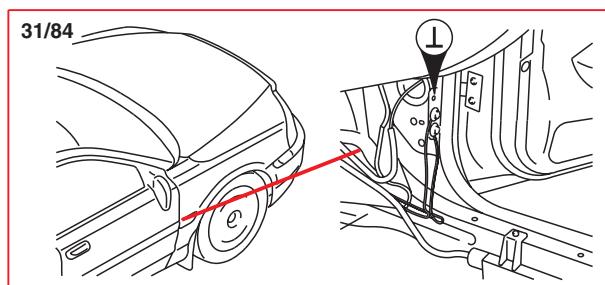
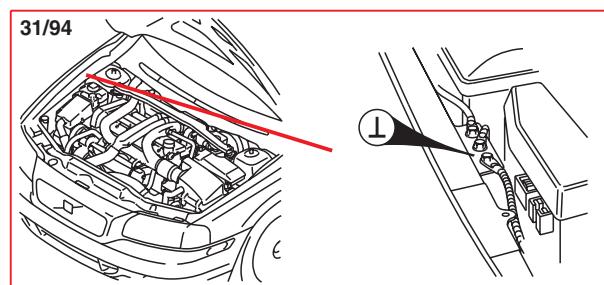
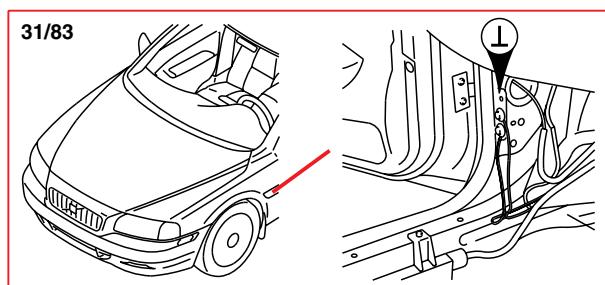


Component illustrations
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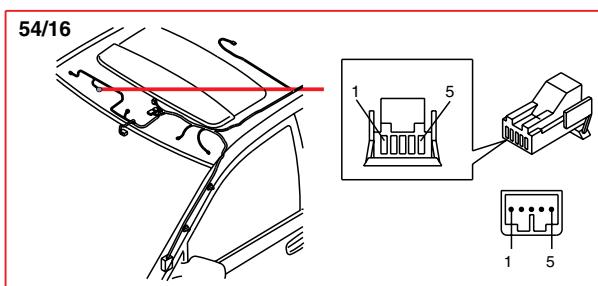
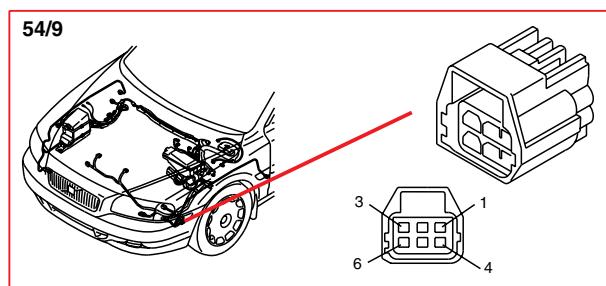
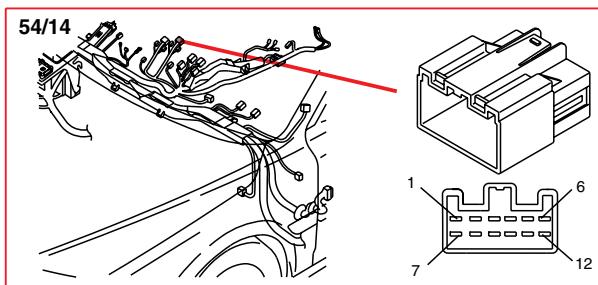
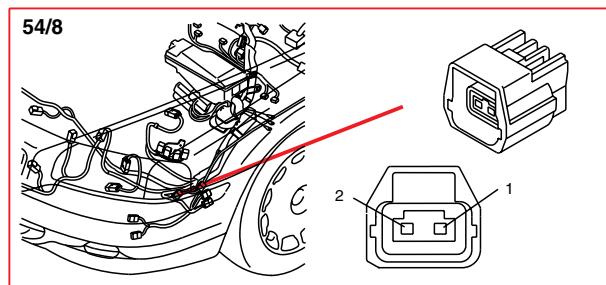
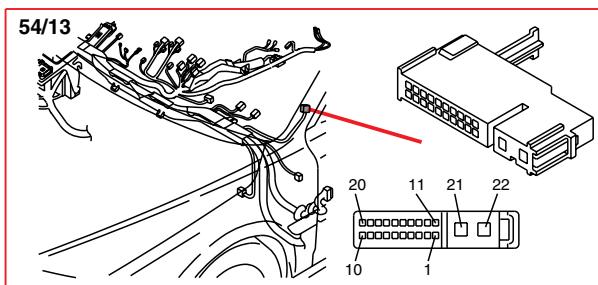
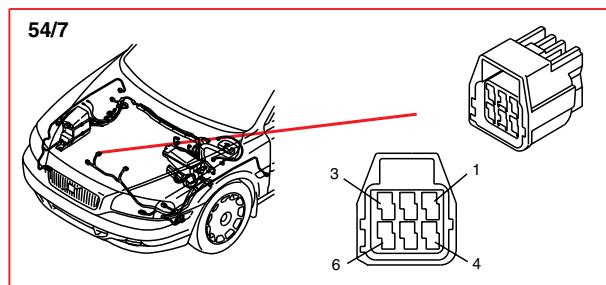
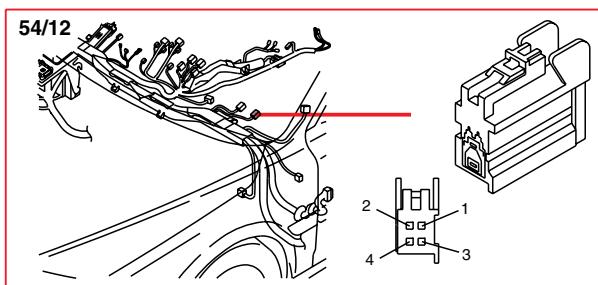
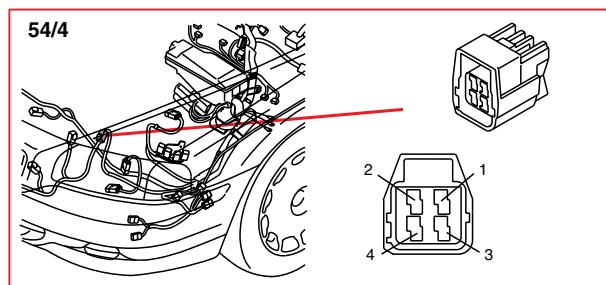
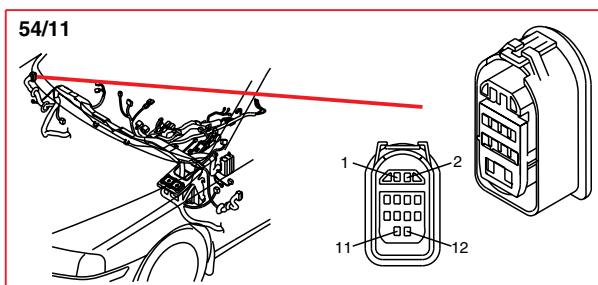
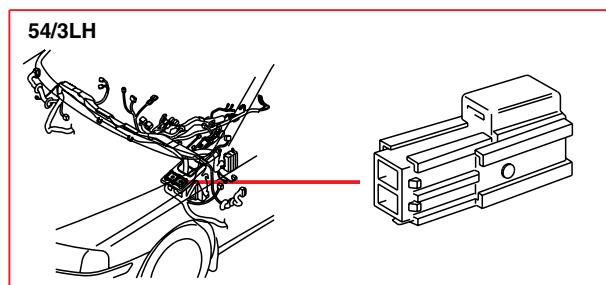
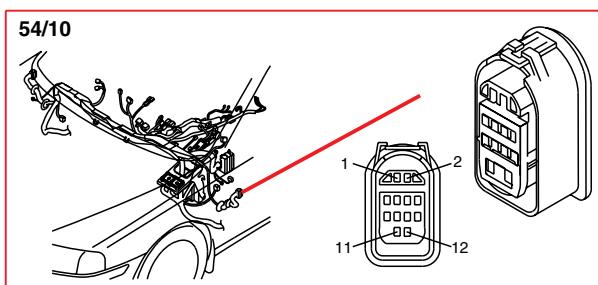
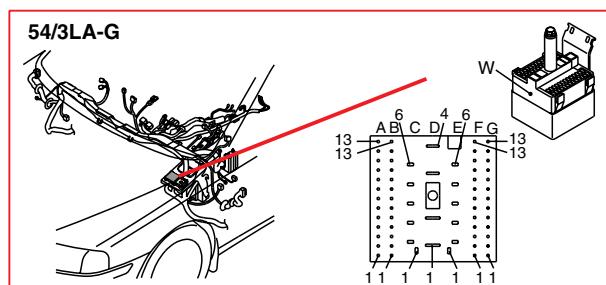


Component illustrations

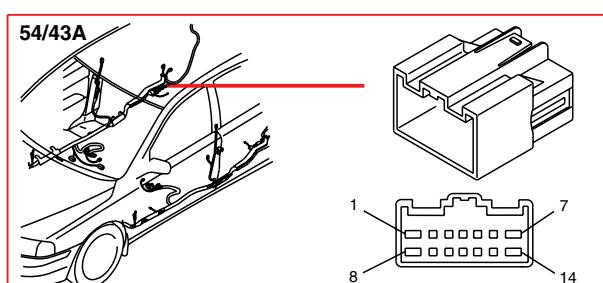
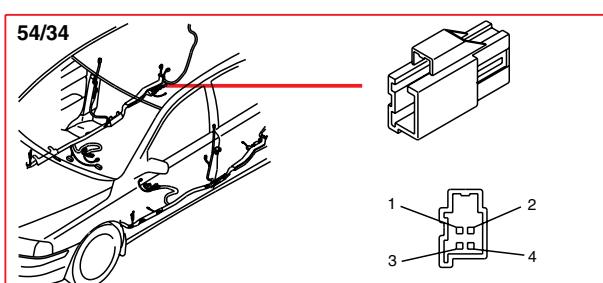
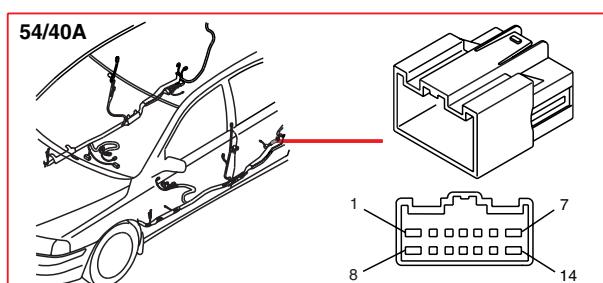
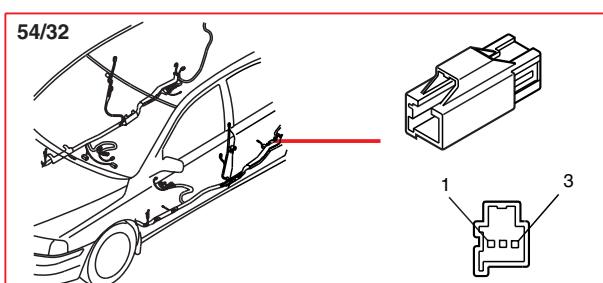
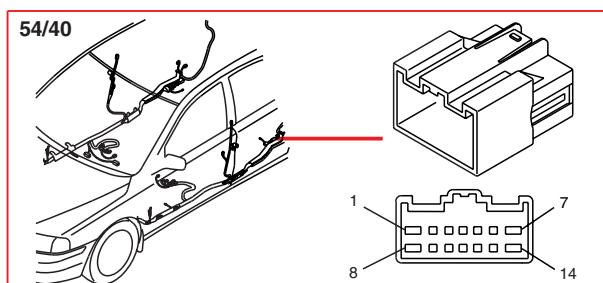
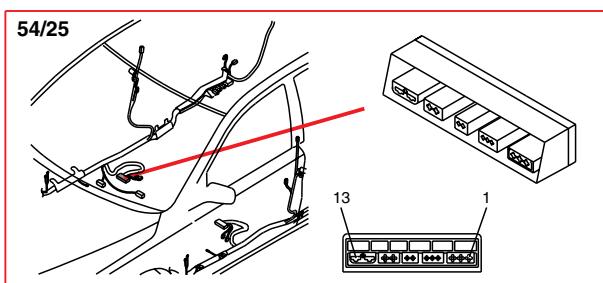
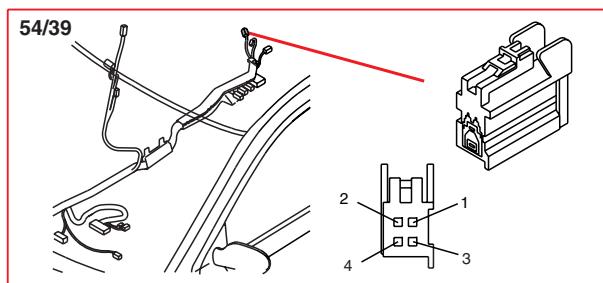
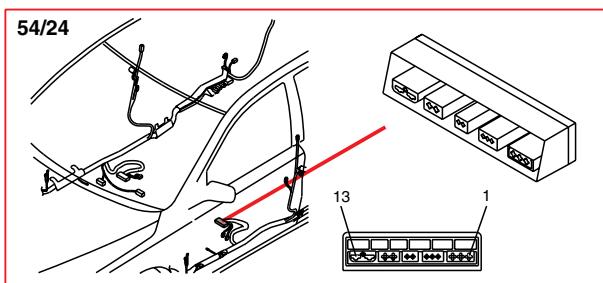
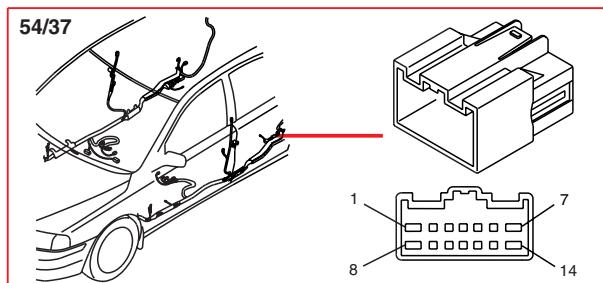
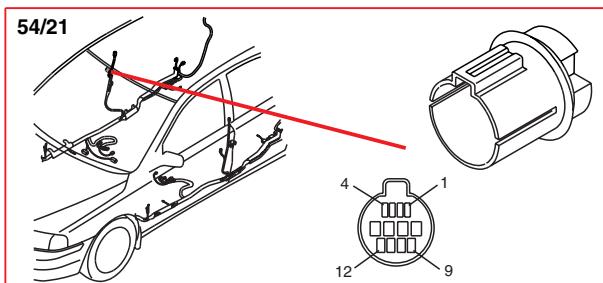
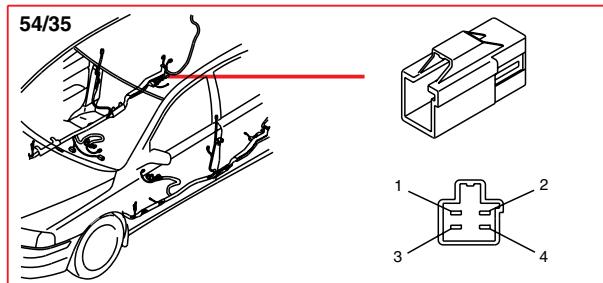
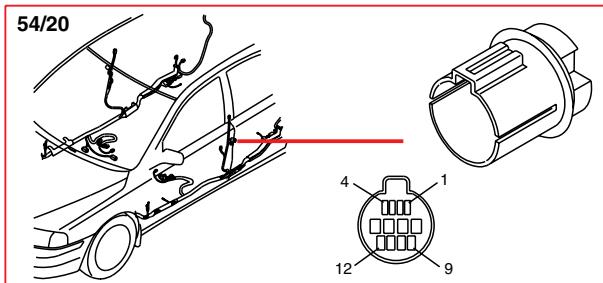
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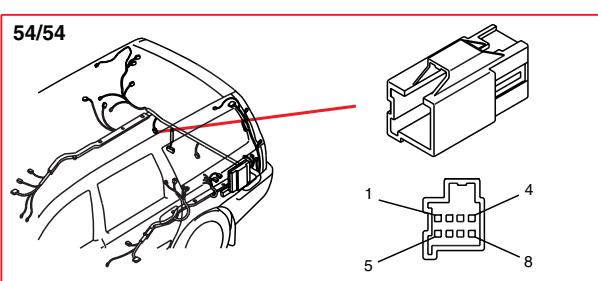
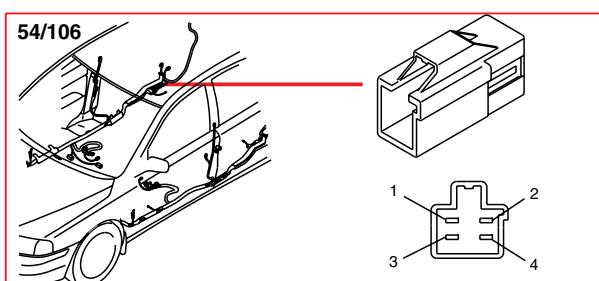
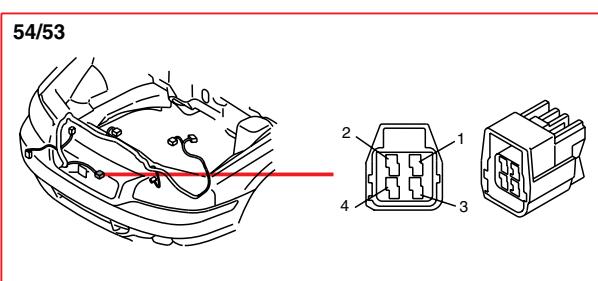
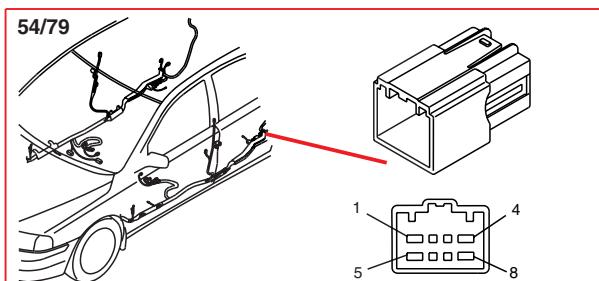
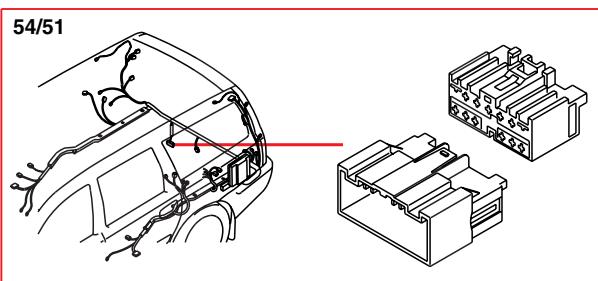
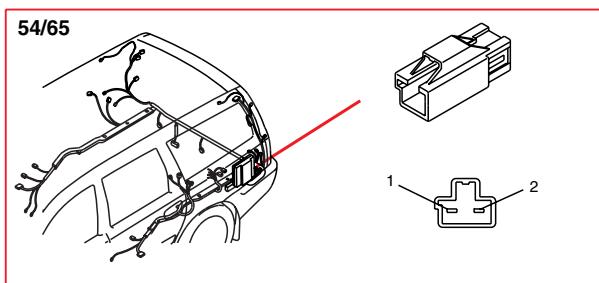
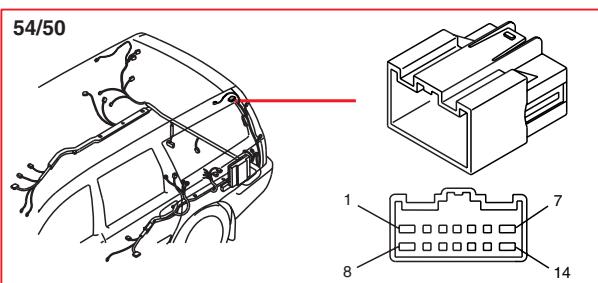
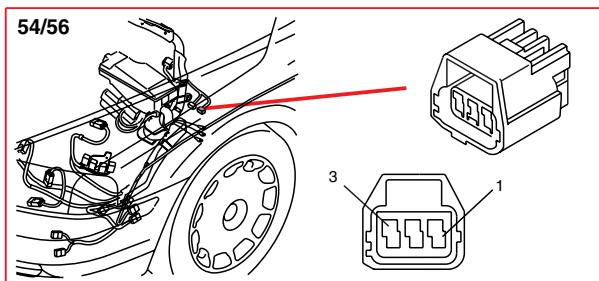
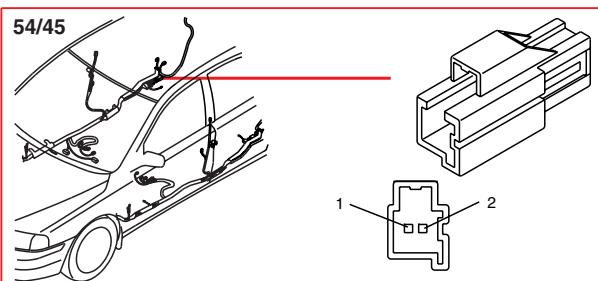
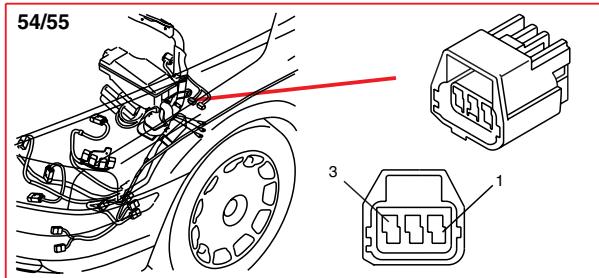
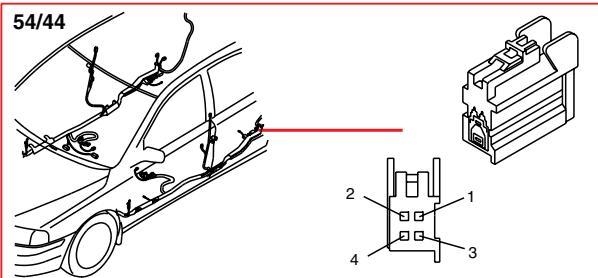
Component illustrations
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Component illustrations
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List of components

1/1	Battery	3/10	Reversing light contact
2/14	Relay, glow plug unit	3/25	Power sunroof switch
2/16	Relay, intermittent rear window wiping on/off	3/27	Power driver's seat module
2/17	Horn relay	3/37	Power passenger seat module
2/22	AC relay	3/47	Horn contact
2/23	Fuel pump relay	3/53	Parking brake contact
2/29	Relay, extended D1 feed	3/56	Recirculation switch
2/30	X feed overload relay	3/59	Fan switch
2/31	15-feed overload relay	3/60	Control, beam adjustment
2/32	Engine management system main relay	3/62	Auxiliary light switch
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2/34	Fog light relay, front	3/73	Gear position contacts
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2/52	Relay, 15l feed, rear	3/76	RH front door lock unit
2/59	Unlocking relay, fuel filler flap	3/77	LH rear door lock unit
2/61	Relay, parking light	3/78	RH rear door lock unit
2/62	Relay, low beam/Bi-Xenon	3/80	Trunk lid lock unit
2/63	High beam relay	3/82	Switch, LH central lock
2/64	Auxiliary light (accessory) relay	3/85	Switch, RH central lock
2/72	Relay, rear window wiper	3/86	RL door power window switch
2/75	Rear adjustable head restraint relay	3/91	RR door power window switch
2/79	Brake light relay	3/92	Switch, LH heated seat
2/80	Reversing light relay	3/93	Switch, RH heated seat
2/82	Relay, heated rear window	3/94	Left seatbelt latch switch
2/83	Trailer fog light relay	3/95	Right seatbelt latch switch
2/87	Unlocking relay, tailgate	3/111	Spin control switch
2/90	Relay, windshield wiper, low/high speed	3/112	Light Switch Module LSM
2/91	Relay, intermittent windshield wiper	3/113	Climate Control Module CCM
2/92	Relay, windshield washer motor	3/117	Rear adjustable head restraint relay
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2/101	Relay for extended D2 feed, automatic transmission	3/119	Climate control switch
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2/117	Right rear power window up relay	3/125	Temperature switch, LH side
2/118	Rear power window down relay	3/126	Temperature switch, RH side
2/119	Right rear power window down relay	3/127	Control module FL door DDM/PDM
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2/139	Deadlock relay, RH rear door	3/135	Switch, audio/mobile phone
2/140	Relay CNG/LPG	3/155	RTI switch
2/142	Relay, preheated fuel filter	3/156	Automatic transmission program selector
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3/9	Brake light contact		

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4/28	Transmission Control Module TCM	6/93	Motor, RR power window
4/31	Fan control module	6/95	Damper motor, temperature, LH side
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4/68	Steering Angle Sensor module SAS	7/4	Brake fluid level sensor
4/70	Upper Electronic Module UEM	7/5	Washer fluid level sensor
4/71	Cooling fan control module	7/6	Oil pressure sensor
4/76	Remote control unit for garage door opener	7/8	AC pressure sensor
4/78	Accessory Electronic Module AEM	7/10	Interior temperature sensor
4/201	LH seat heater control module	7/11	Outside temperature sensor
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7/136	Glass breakage sensor, RH	9/1	Front 12V outlet
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8/82	Solenoid, variable turbo geometry	10/129	FL parking light
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