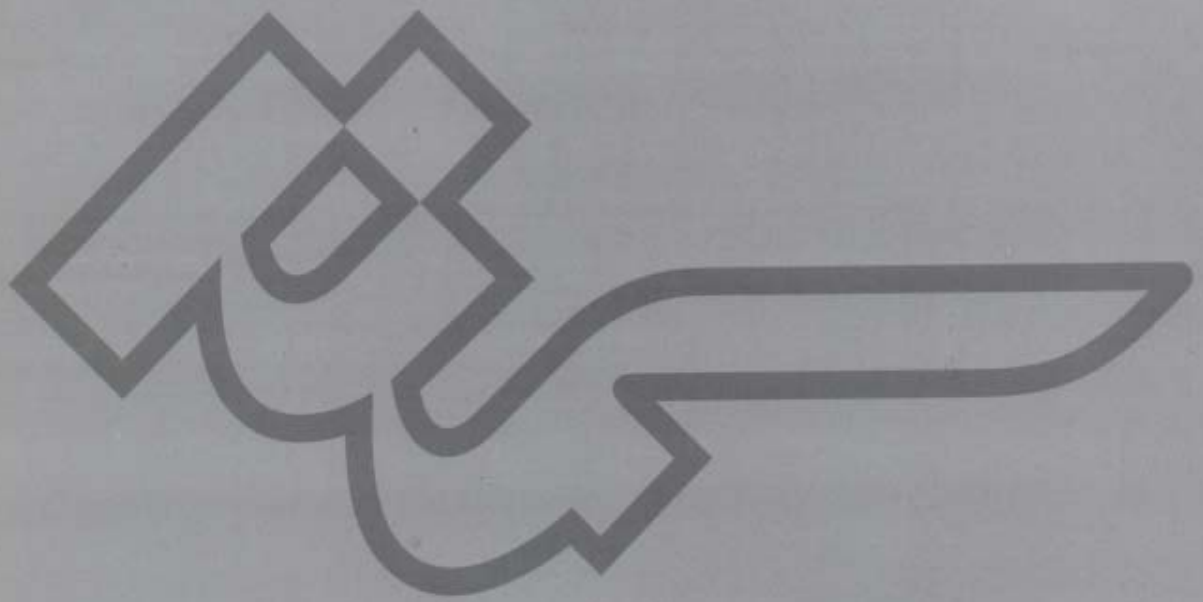




Workshop manual

راهنمای تعمیرات و سرویس

13

قسمت اول

Electrical Circuits

مدارهای الکتریکی

1303R01901961/1

بسمه تعالی

SAMAND

SERVICE MANUAL

13

Electrical Circuits

Forward

This Service Manual contains descriptions of the following categories for the SAMAND 1.8i Model Year 2002 :

Electrical circuits
Harness runs
Connector colour codes

This manual should be used as a service manual and as a work book for training instructors and technicians.

We reserve the right to introduce changes without prior notice.

Iran Khodro Co.



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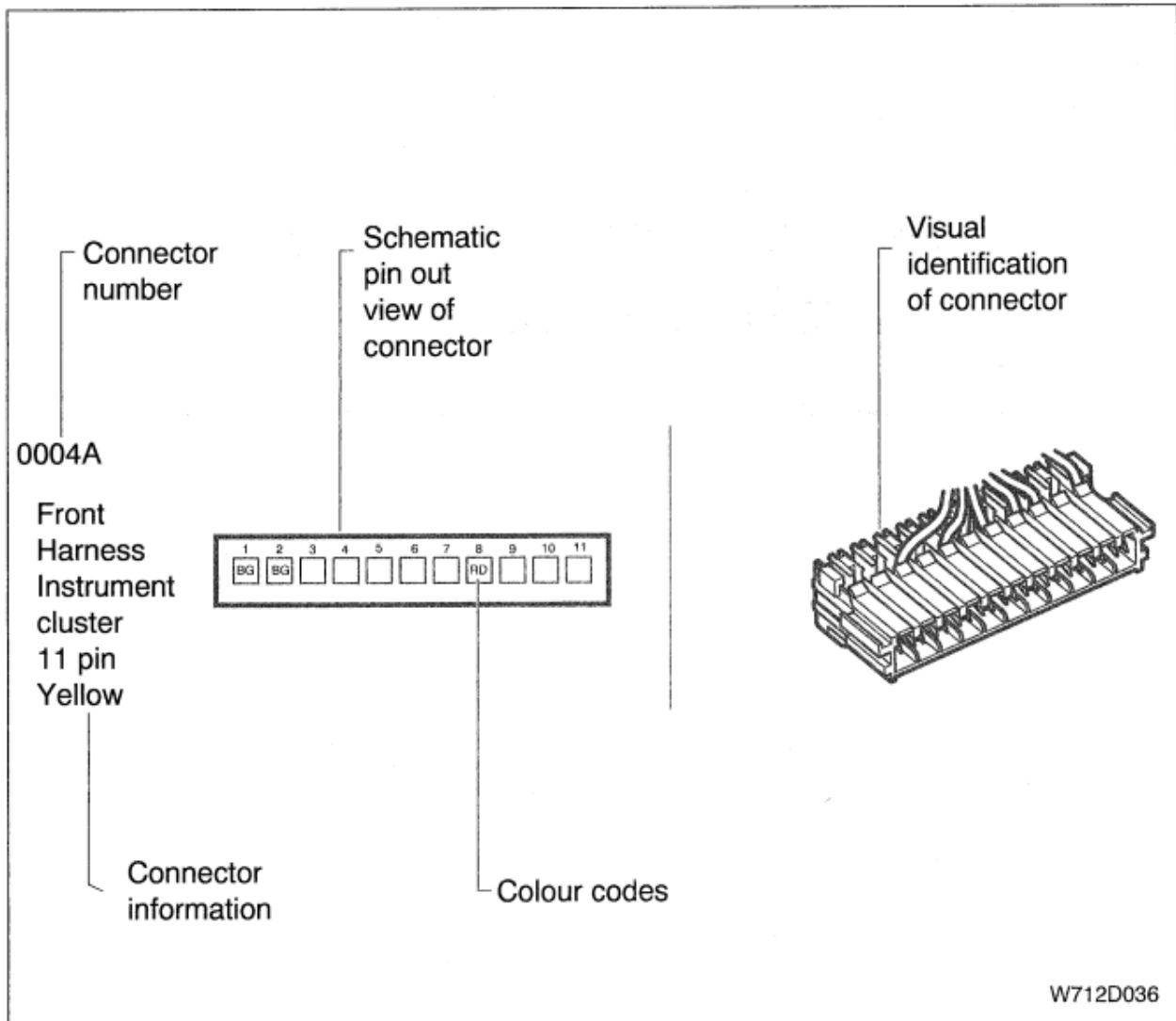
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General information

Reading diagrams

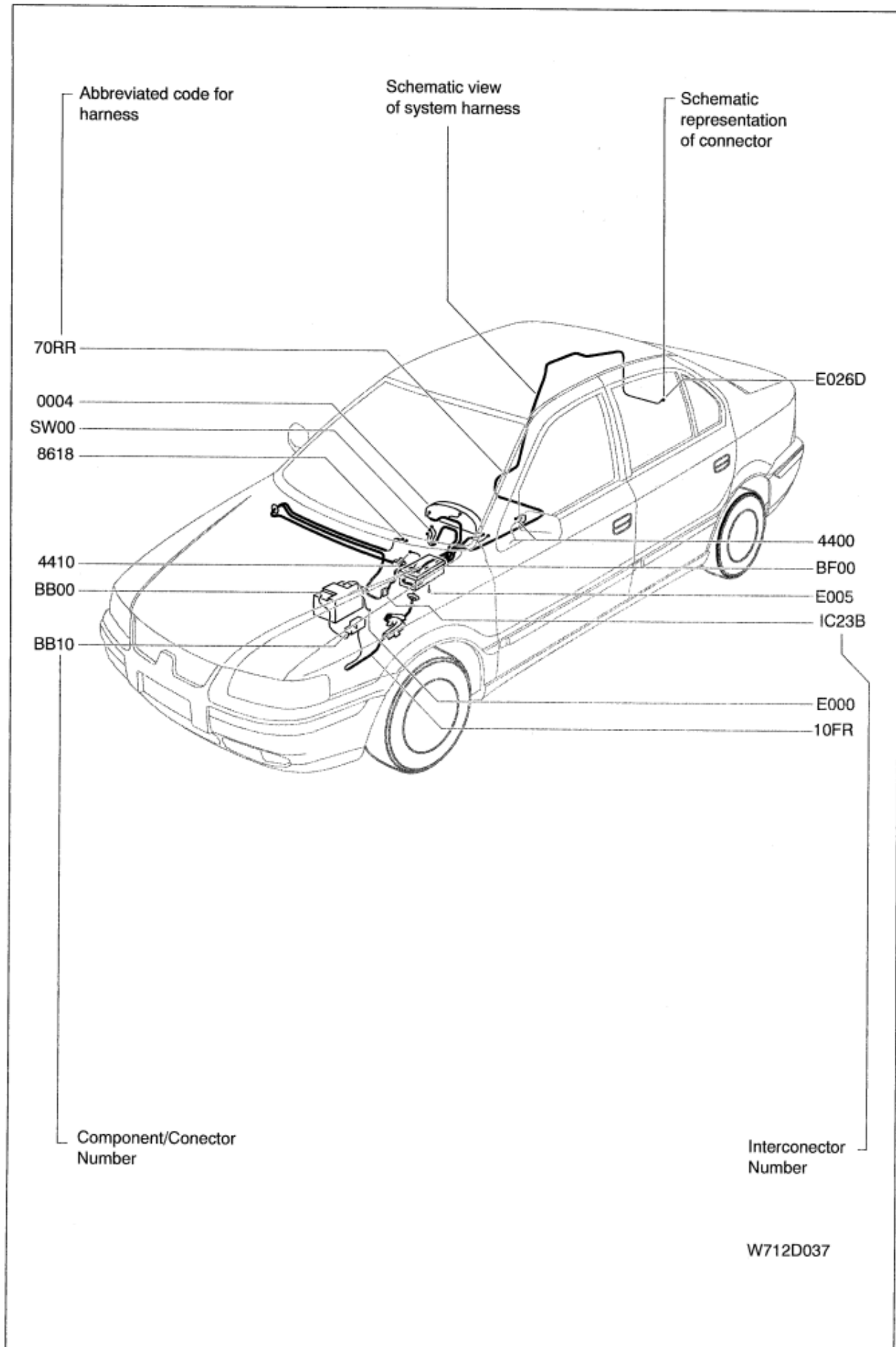
Wire colour codes and connector identification



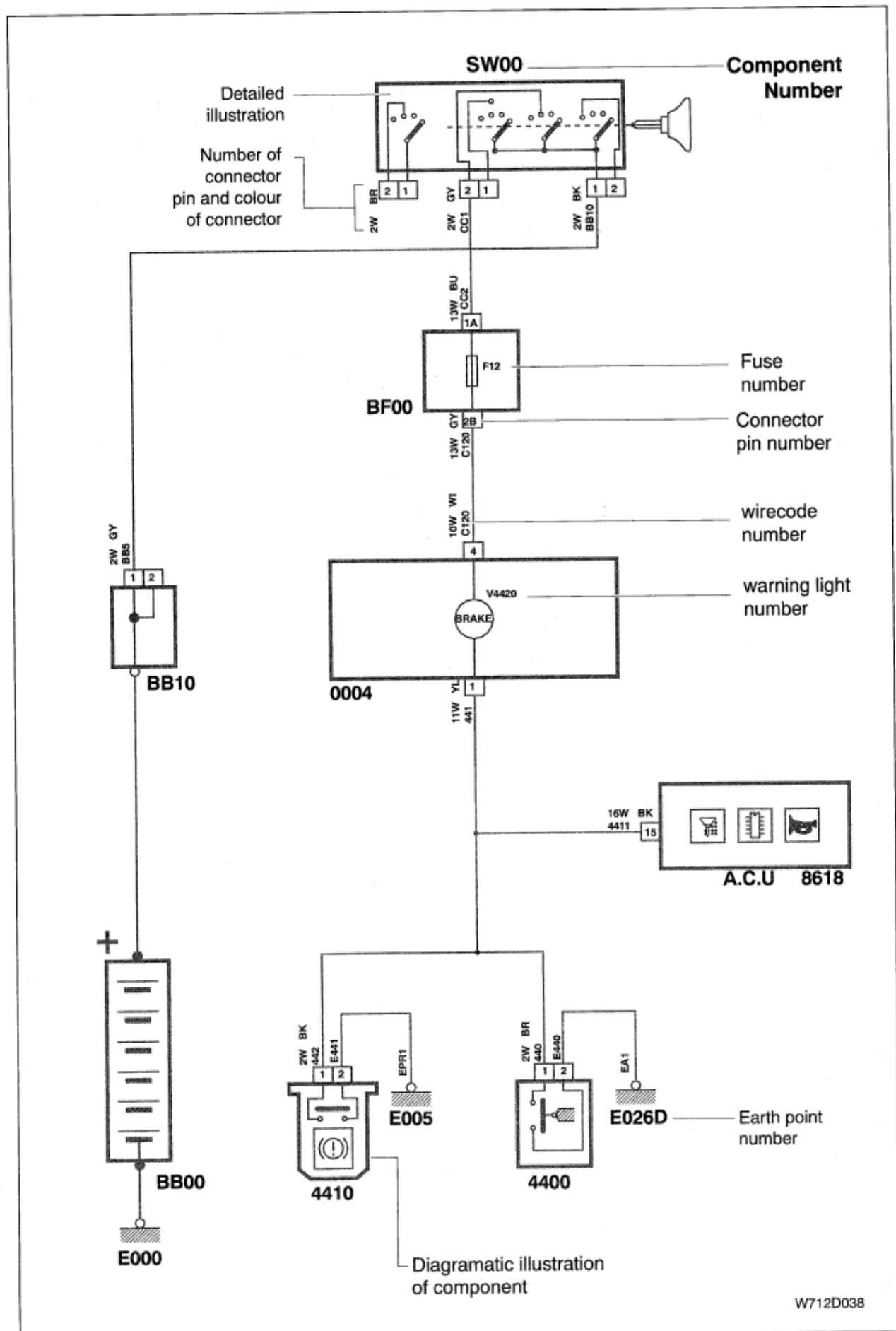
Wire colour code abbreviations

BG	Beige
BK	Black
BR	Brown
BU	Blue
GN	Green
GY	Grey
OR	Orange
PI	Pink
RD	Red
VI	Violet
WI	White
YL	Yellow

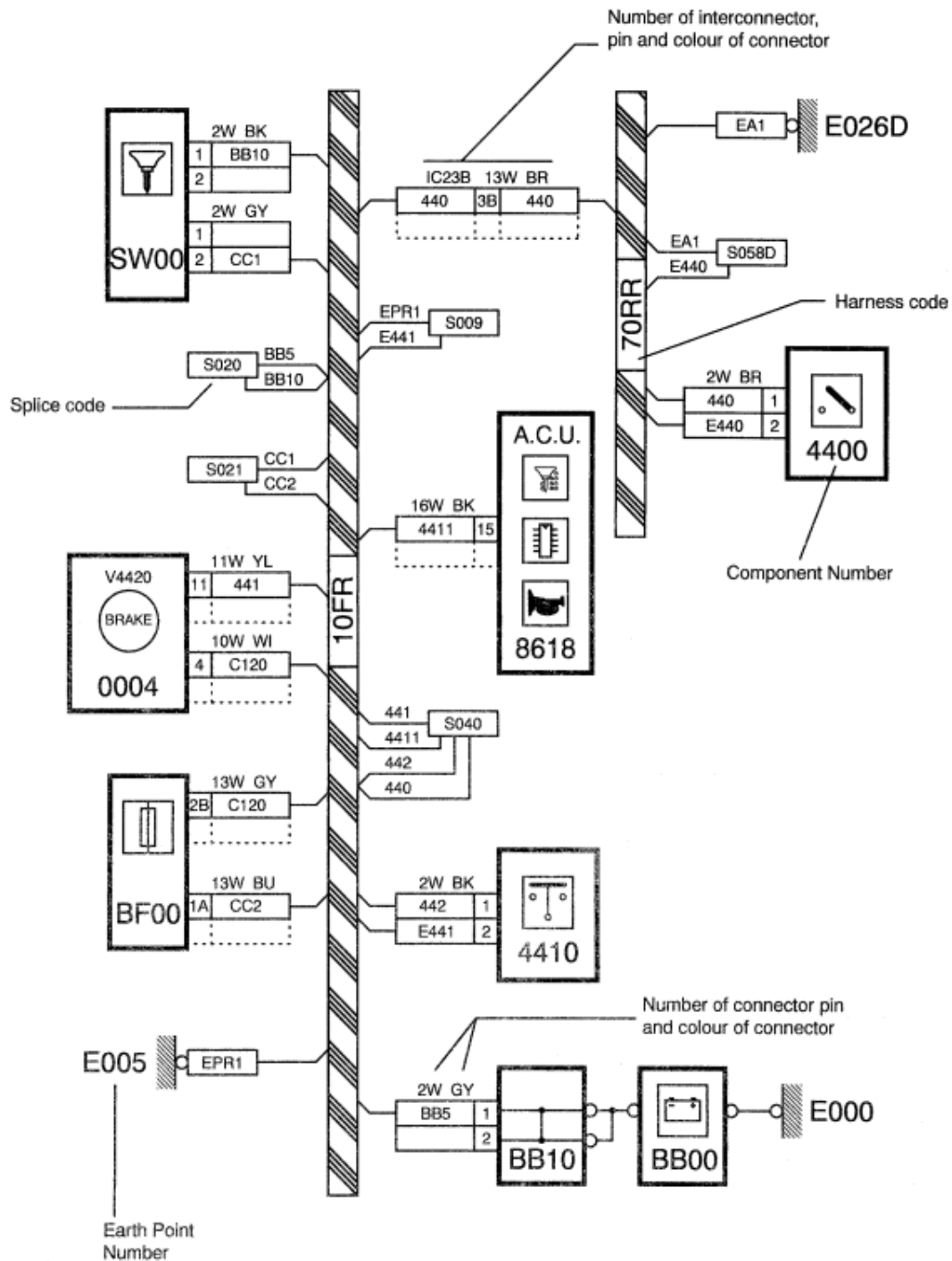
Reading electrical system diagrams for location of components



Reading schematic & wiring diagrams

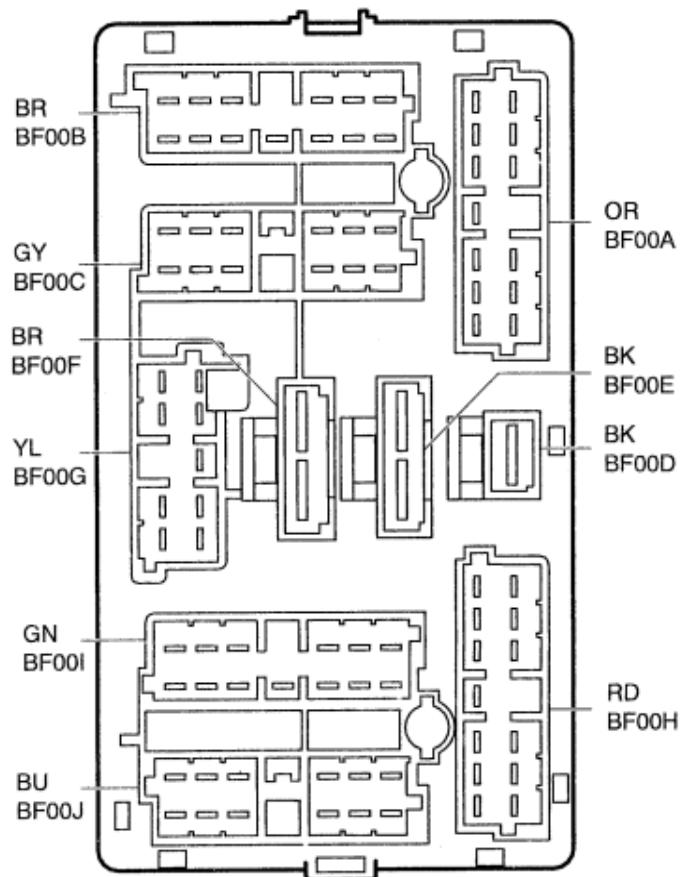
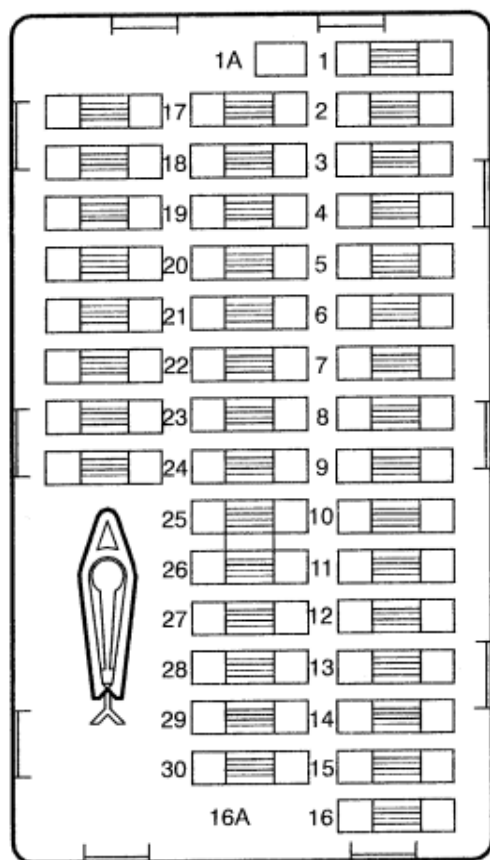
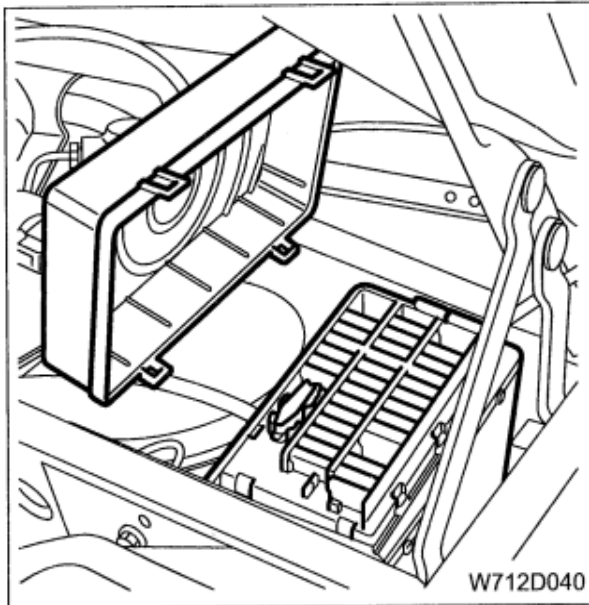


Circuit



Fuse and Relay location

Main fuse box, engine bay

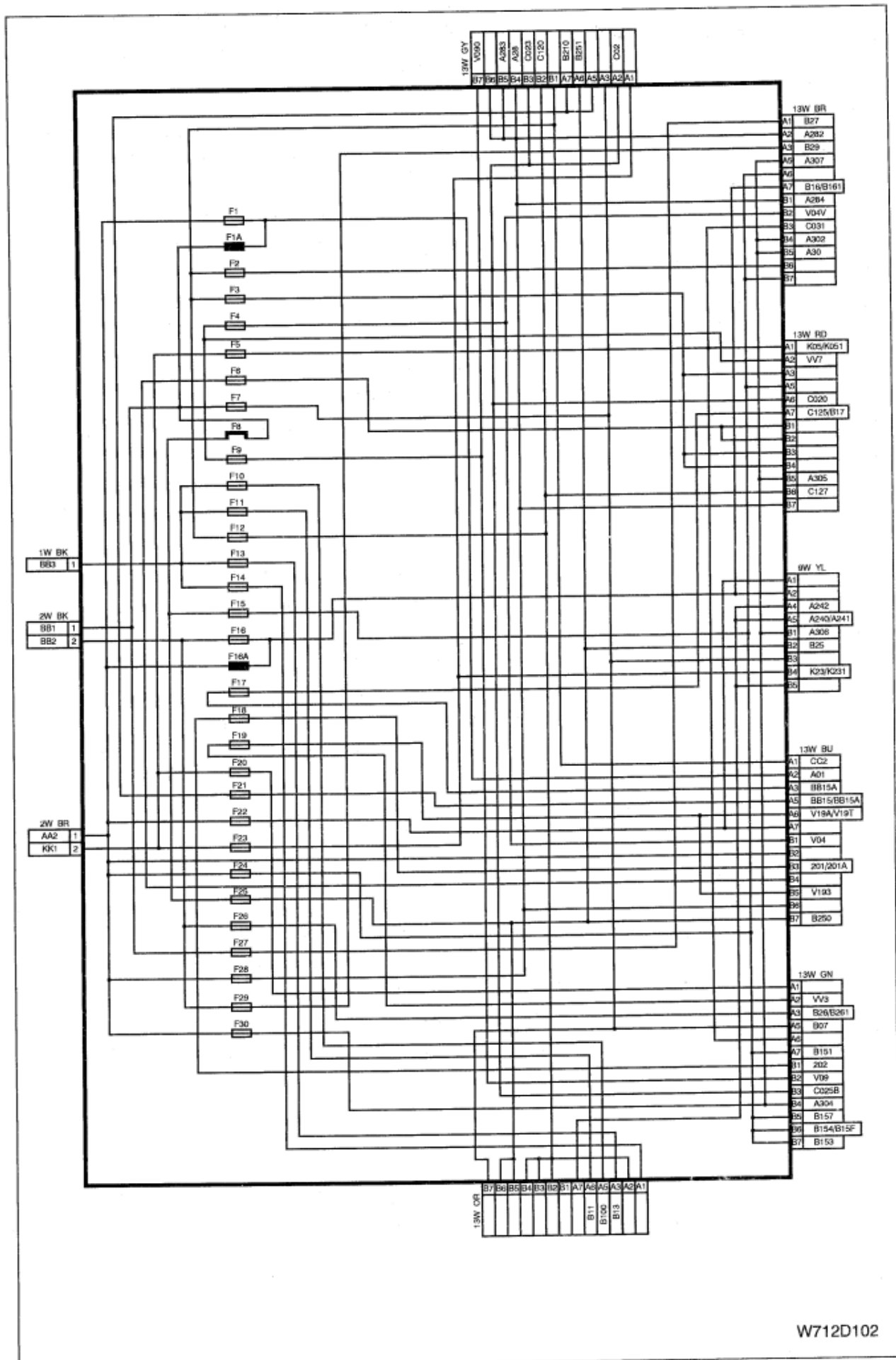


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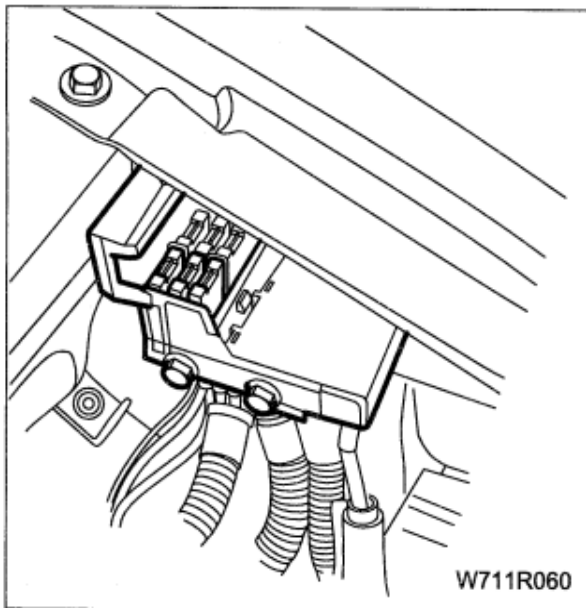
Fuse specification

No.	Rating	Function
F1	10A	Radio (Switch)
F1A	10A	Radio (Battery)
F2	5A	Coolant temperature unit, Air conditioning switch, Compressor cut-off relay presstat air conditioning, Roof lamp timer control
F3	5A	A.B.S
F4	5A	Right hand tail lamp, Lights on buzzer
F5	5A	Heater control relay, Heater control switch
F6	30A	A.B.S
F7	20A	Horns
F8	---	Shunt
F9	5A	License plate lamp, Left hand tail lamp
F10	30A	Electrical rear windows
F11	30A	Main beam, Dipped beam, Side lamps
F12	5A	Instrument panel warning lamp, Reversing lamps, Tachometer automatic transmission starter inhibitor
F13	20A	Front fog lamps
F14	30A	A.B.S
F15	15A	Central locking control unit, Electrical aerial, Roof lamp timer, Door lamps
F16	20A	Cigar lighter (Battery)
F16A	20A	Cigar lighter (Switch)
F17	10A	Alarm control unit, Back up siren
F18	10A	Rear fog lamps, Front fog lamp relay
F19	5A	Heater panel illumination, Instrument panel illumination, Radio illumination, Radio illumination lighting rheostat
F20	30A	Non active
F21	30A	Blower relay (Fan)
F22	20A	Non active
F23	5A	Heated rear screen control
F24	20A	Wind screen wiper motor, Wiper timer, Wash pump
F25	5A	Clock, Radio (Memory +), Coolant temperature unit
F26	15A	Hazard warning, Flasher relay
F27	30A	Heated rear Screen, Heated mirrors
F28	10A	Stop lamps, Load warning lamp, front window lift relay, Digital clock
F29	30A	Front electric windows
F30	10A	Direction indicator, One touch window lift, Rear electric window control relay, Map reading lamp, Vanity mirror, Electrically controlled mirrors, Light on buzzer, glove box illumination

Reading wiring diagrams

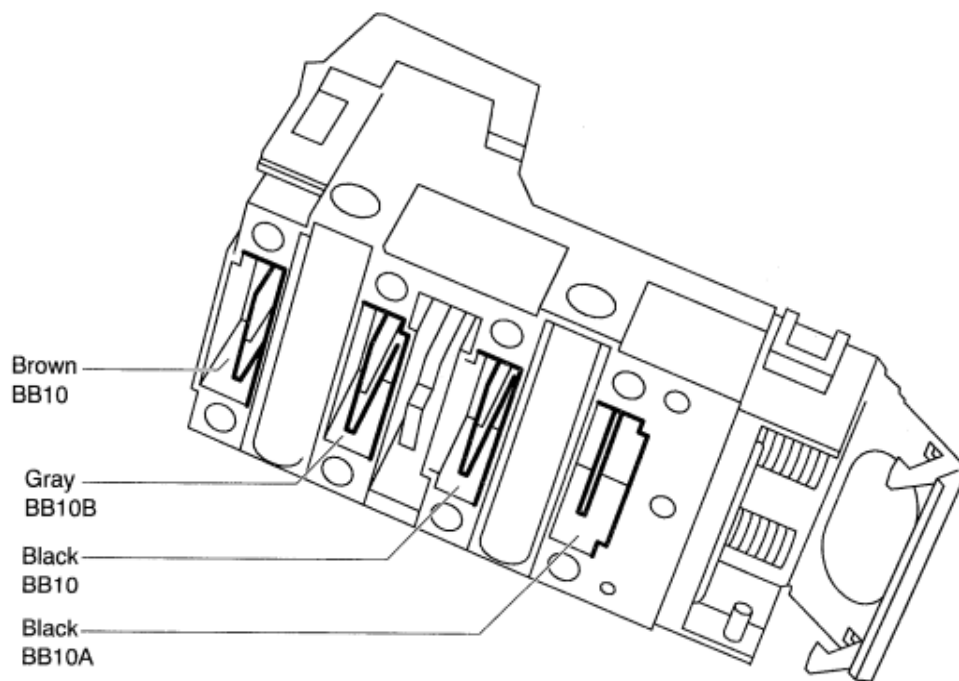
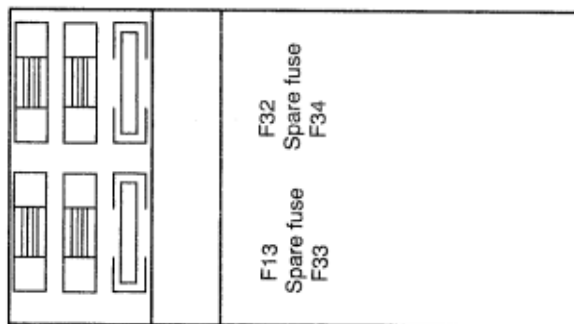


Branch box, engine bay

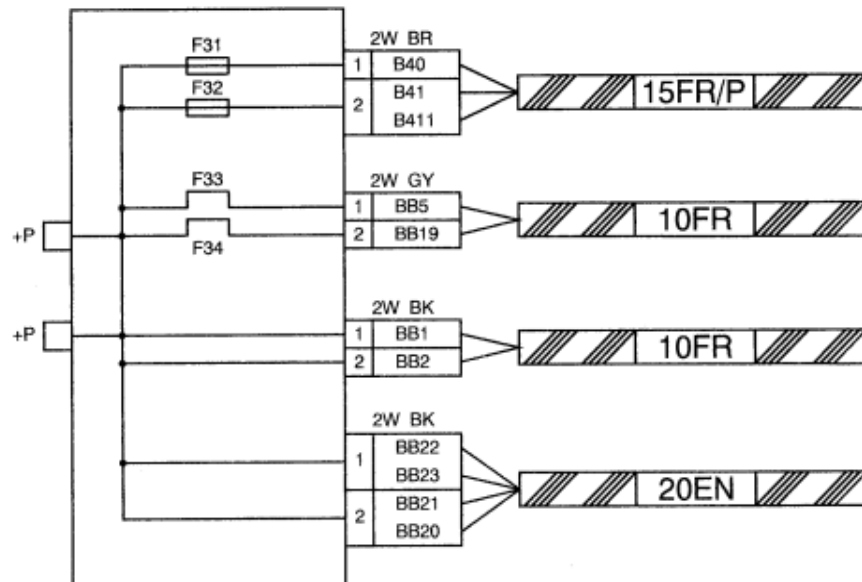


Fuse specification

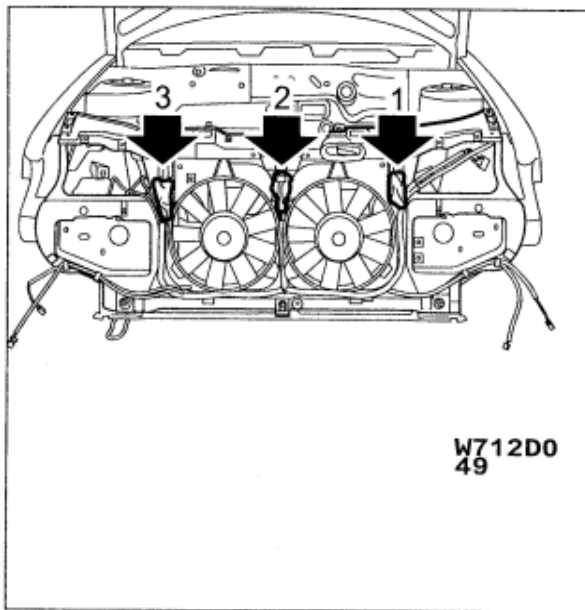
No.	Rating	Function
F31	30A	Fan
F32	30A	Fan
F33	Shunt	Ignition switch
F34	Shunt	Front foglamp relay



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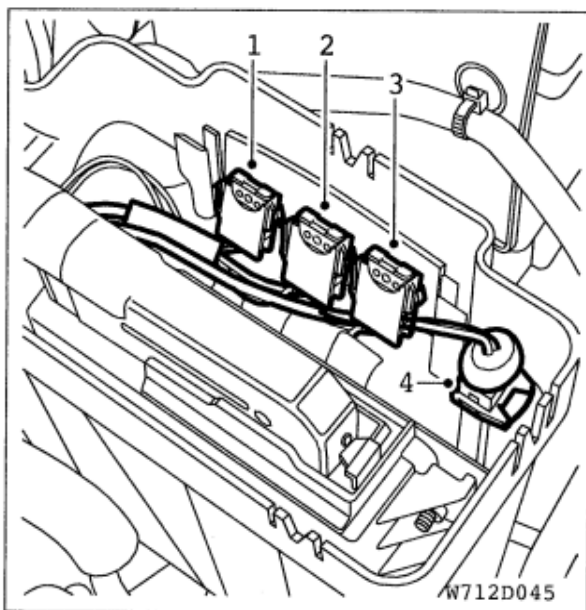
Fan relays



Relays

- 1 Fan relay (1500A)
- 2 Fan relay (1500B)
- 3 Fan relay (1500C)

Injection ECU protection box fuses, engine bay



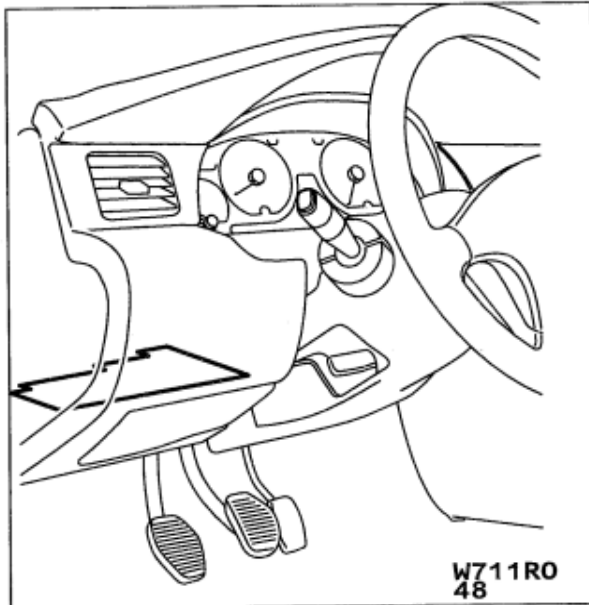
Fuses

- 1 15A Throttle housing fuse connector. (C1265)
- 2 10A Supply pump fuse connector. (C1260)
- 3 10A Oxygen sensor fuse connector (C1360)

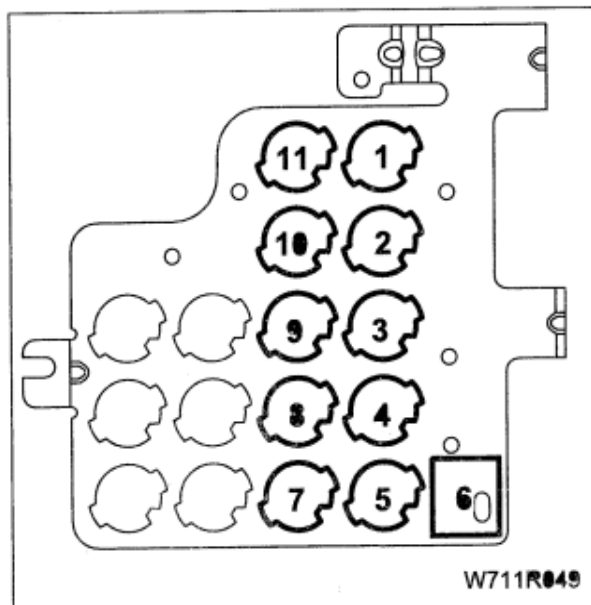
Test connector

- 4 Injection ignition test connector. (C1300)

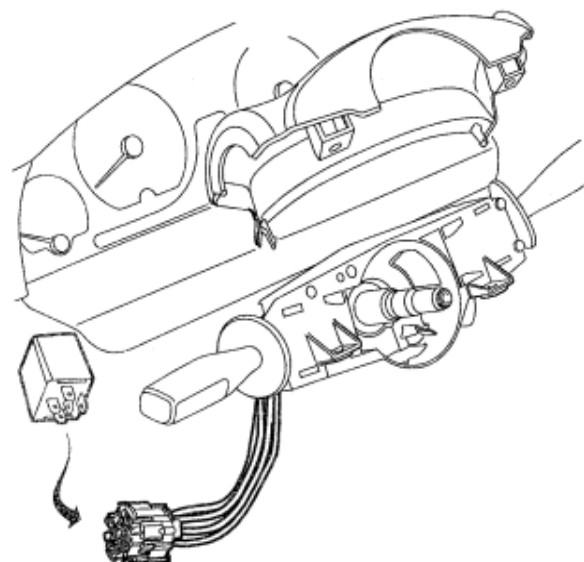
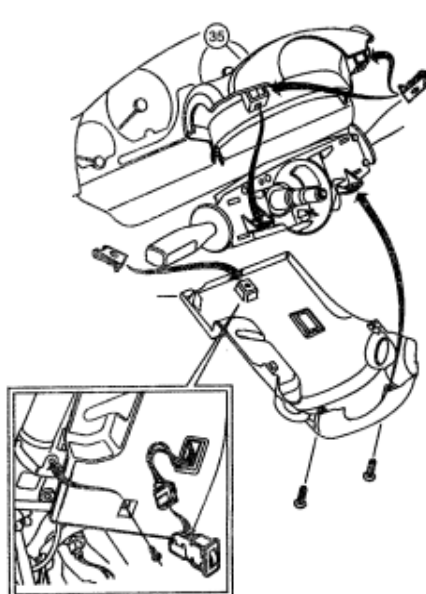
Main relay board, Instrument panel



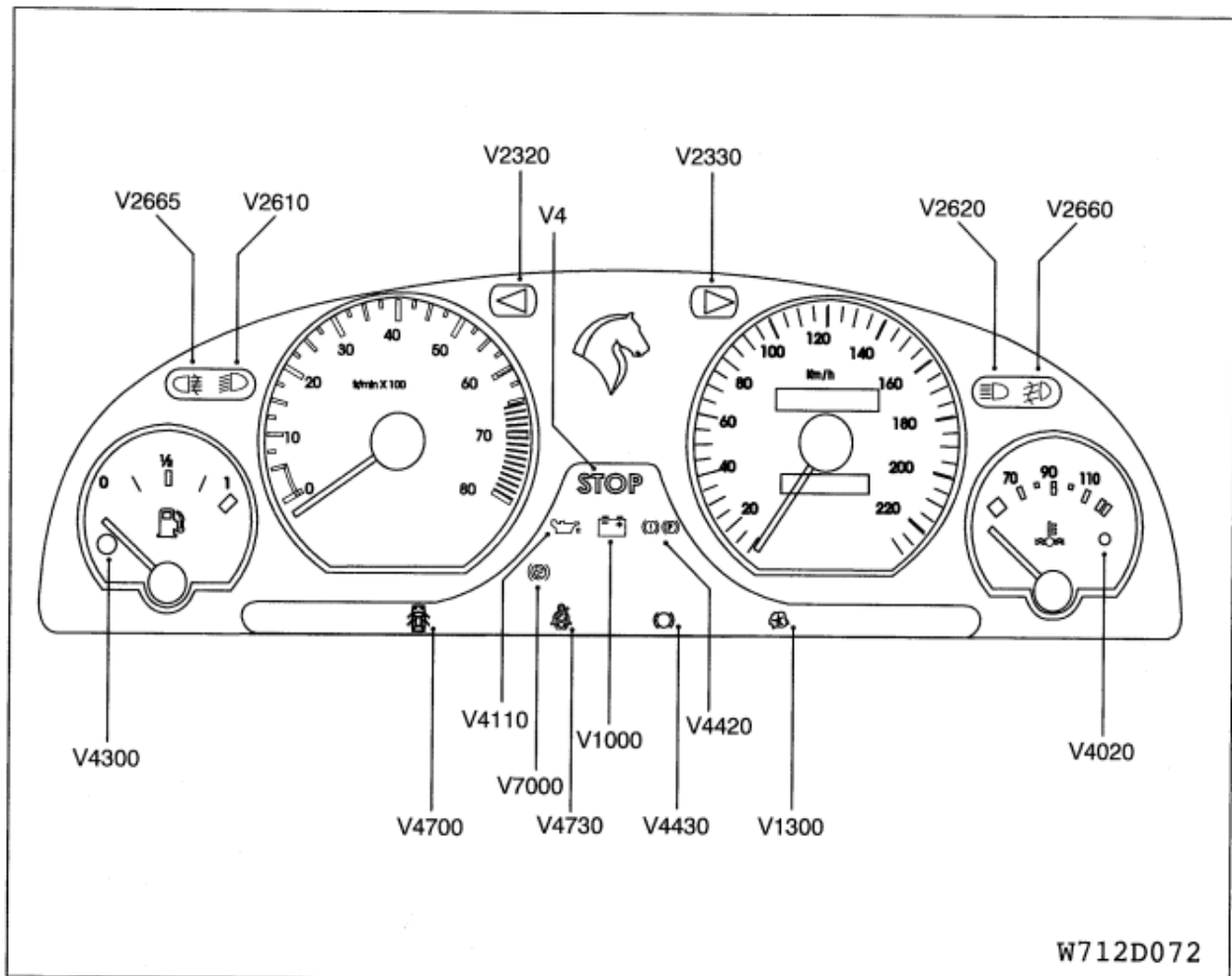
Pos. No.	Relay No.	Color	Relay
1	1086	black	Starter
2	2350	black	Flasher
3	4720	white	Lamps on buzzer
4	8116	orange	Rear screen heated time switch
5	6020	black	Front window lift
6	5010	blue	Windscreen wiper control unit
7	2665	black	Front fog lamp
8	8045	yellow	Blower
9	6126	black	Rear window lift
10	8005	black	Air condition compressor
11	8005B	black	Cooler



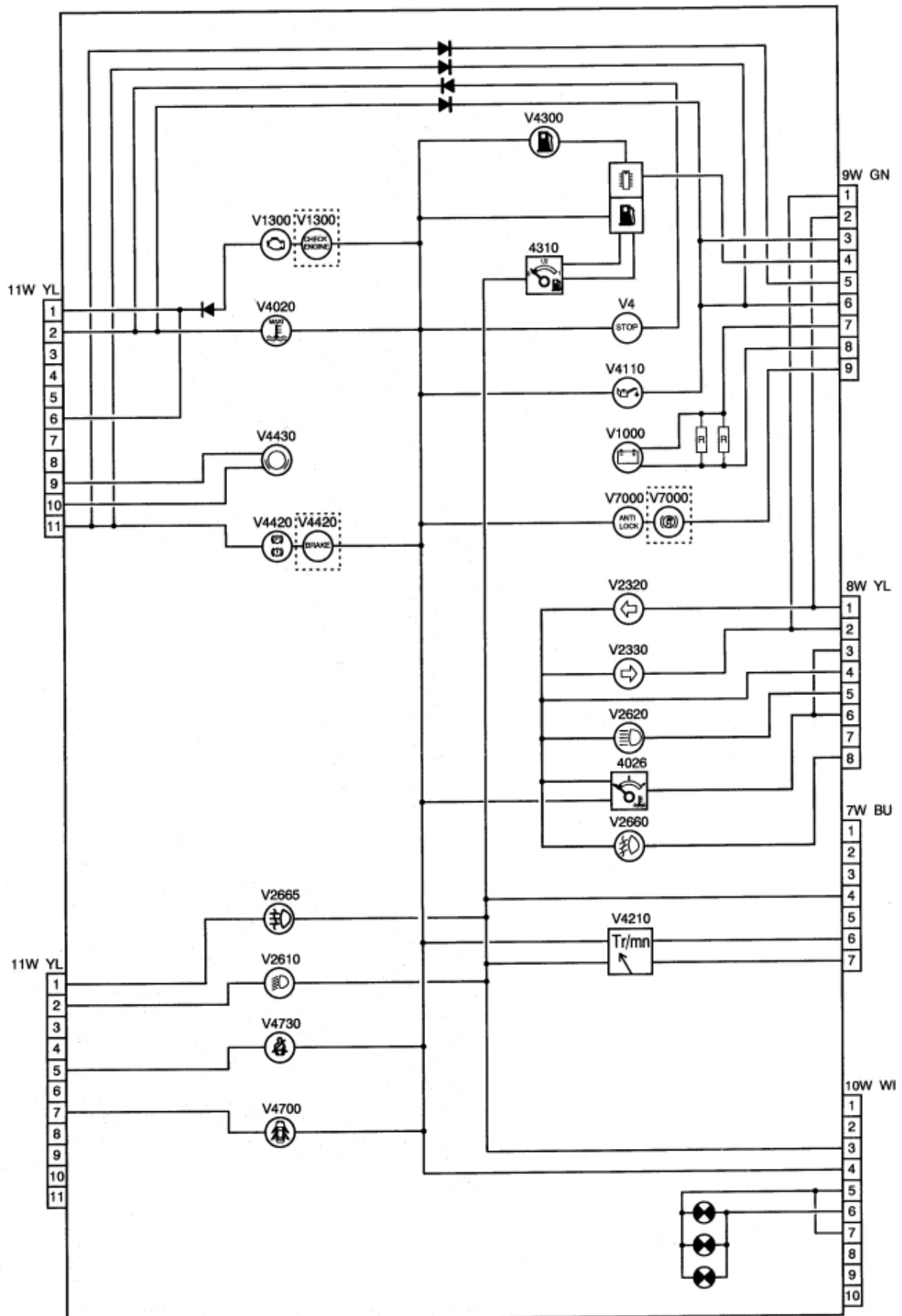
Flasher unit



Instrument Panel Detail



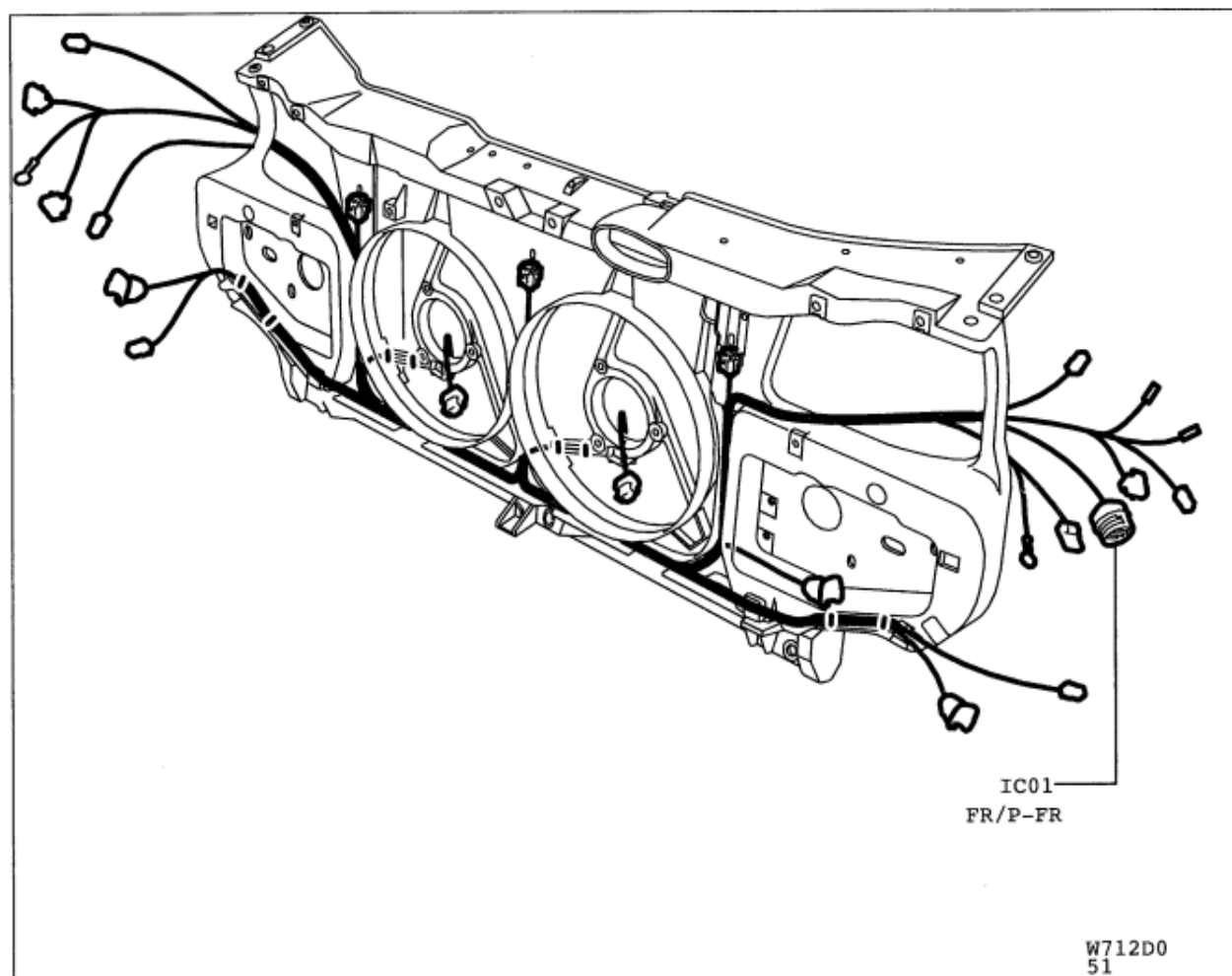
Instrument panel Schematic



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Harnesses and related connectors/components

Front panel harness



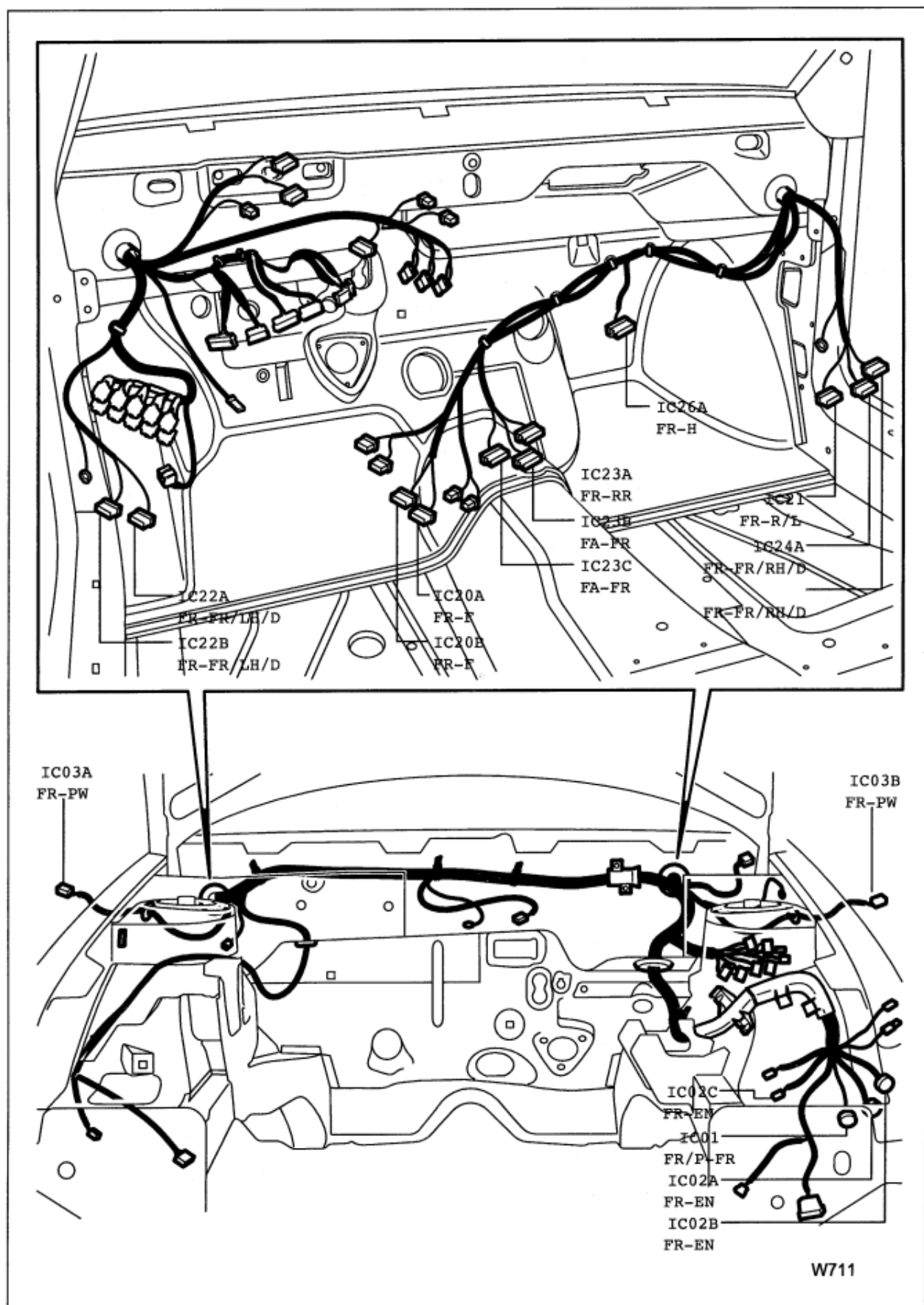
Harness and related

10 FR	Front harness
70 RR	Rear harness
50 FA	Instrument harness
20 EN	Engine harness
15 FR/P	Front panel harness
71 T/L	Trunk lid harness
11 B/P/W	Brake Pad wear harness (RH)
16 B/P/W	Brake pad wear harness (LH)
51 R/L	roof lamp harness
52 HE	Heater harness
62 DS	Door switch harness
60 FR/D/LH	Front door harness (LH)
65 FR/D/RH	Front door harness (RH)
64 RR/D/LH	Rear door harness (LH)
69 RR/D/RH	Rear door harness (RH)
73 REL	Fuel pump harness

Front panel harness connector/components

DESCRIPTION	NUMBER	PINS	COLOUR
Branch Box	BB10	2	Brown
Earth Point	E001	-	-
Earth Point	E002	-	-
Fan	1510A	2	Black
Fan	1510B	2	Black
Fan Relay	1500A	5	Black
Fan Relay	1500B	5	Black
Fan relay	1500C	5	Black
Horn	2520A	2	Black
Horn	2520B	2	Black
Interconnector FRP - FR	IC01	23	Grey
LH Front Foglamp	2670	2	White
LH Frt Direction In. Lamp	2320	2	Brown
LH Head Lamp	2610	3	Black
LH Side lamp	2620	2	White
RH Front Foglamp	2675	2	White
RH FRT Direction Lamp	2325	2	Brown
RH Head Lamp	2615	3	Black
RH Side Lamp	2625	2	White

Front harness



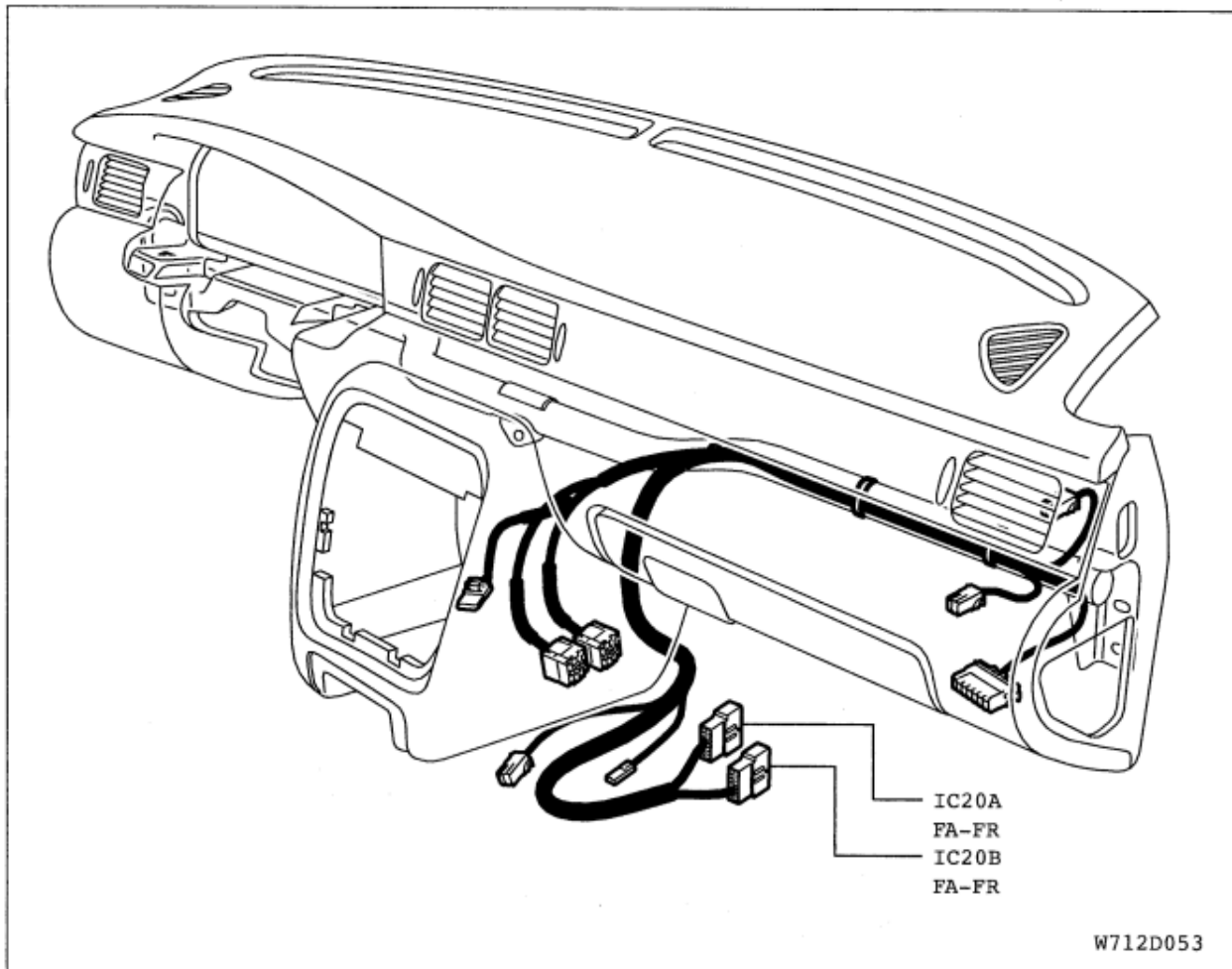
Front harness connector/components

DESCRIPTION	NUMBER	PINS	COLOUR
ACU	8618A	16	Black
ACU	8618B	12	Black
Air Cond. Compressor Relay	8005	5	Green
Blower Relay	8048	5	Yellow
Bonnet Switch	8611	2	Black
Brake Fluid Level Switch	4410	2	Black
Branch Box	BB10B	2	Grey
Branch Box	BB10A	2	Black
Central Locking Control Unit	6235	9	Brown
Cooler Relay	8005B	5	Black
Earth Point	E020A	-	-
Earth Point	E005	-	-
Earth Point	E006	-	-
Earth Point	E020	-	-
Electronic Box ltemp. Unit	8010	15	Black
Flasher Relay	2350	5	Green
Flasher Unit	2305	5	Grey
Front Fog Lamp Relay	2665	5	Violet
Front Window Lift Relay	6020	5	Black
Fuse Box	BF00A	13	Orange
Fuse Box	BF00B	13	Brown
Fuse Box	BF00C	13	Grey
Fuse Box	BF00D	1	Black
Fuse Box	BF00E	2	Black
Fuse Box	BF00F	2	Brown
Fuse Box	BF00G	9	Yellow
Fuse Box	BF00H	13	Red
Fuse Box	BF00I	13	Green
Fuse Box	BF00J	13	Blue
Ignition Switch	CA00A	2	Black
Ignition Switch	CA00B	2	Grey
Ignition Switch	CA00C	2	Brown
Instrument Cluster	0004A	11	Yellow
Instrument Cluster	0004B	7	Blue
Instrument Cluster	0004C	10	White
Instrument Cluster	0004D	9	Green
Instrument Cluster	0004E	8	Yellow
Instrument Cluster	0004F	11	Yellow

Front harness connector/components *continued*

DESCRIPTION	NUMBER	PINS	COLOUR
Interconnector Instrument panel to front	IC20A	13	White
Interconnector Instrument panel to front	IC20B	13	Black
Interconnector Front to LH door	IC22A	13	Black
Interconnector Front to LH door	IC22B	13	Grey
Interconnector Front to RH door	IC24A	13	Black
Interconnector Front to RH door	IC24B	13	Grey
Interconnector Front to heater	IC26A	11	White
Interconnector Front to roof lamp	IC21	13	Black
Interconnector Front to rear	IC23A	13	Black
Interconnector Front to rear	IC23B	13	Brown
Interconnector Front to rear	IC23C	13	Grey
Interconnector Front to engine	IC02A	23	Black
Interconnector Front to engine	IC02B	23	Brown
Interconnector Front to engine	IC02C	2	Brown
Interconnector Front to front panel	IC01 F	23	Grey
Interconnector Front to brakepad wear	IC03A	2	White
Interconnector Front to brake pad wear	IC03B	2	White
Lamps on Buzzer Relay	4720	5	White
Left Hand Side Repeater Flasher	2340	2	White
Lighting and signaling switch	2600B	9	Black
Lighting and signaling switch	2600A	5	White
Lighting Rheostat	3050	4	Brown
Pressostat	8007	4	Brown
Radio Cassette	8410A	8	Black
Radio Cassette	8410B	8	White
Rear Screen Heater Timer Switch Relay	8116	5	Orange
Rear Window Lift Relay	6126	5	Black
Right Hand Side Repeater Flasher	2345	2	White
Screen Wiper Switch	0005	11	Grey
Security Alarm Siren	8605	4	Brown
Starter Relay	1086	5	Violet
Stop Lamp Switch	2100	2	White
Windscreen Wash Pump	5100	2	Black
Windscreen Wiper Control Unit	5010	9	Blue
Windscreen Wiper Motor	5015	5	White

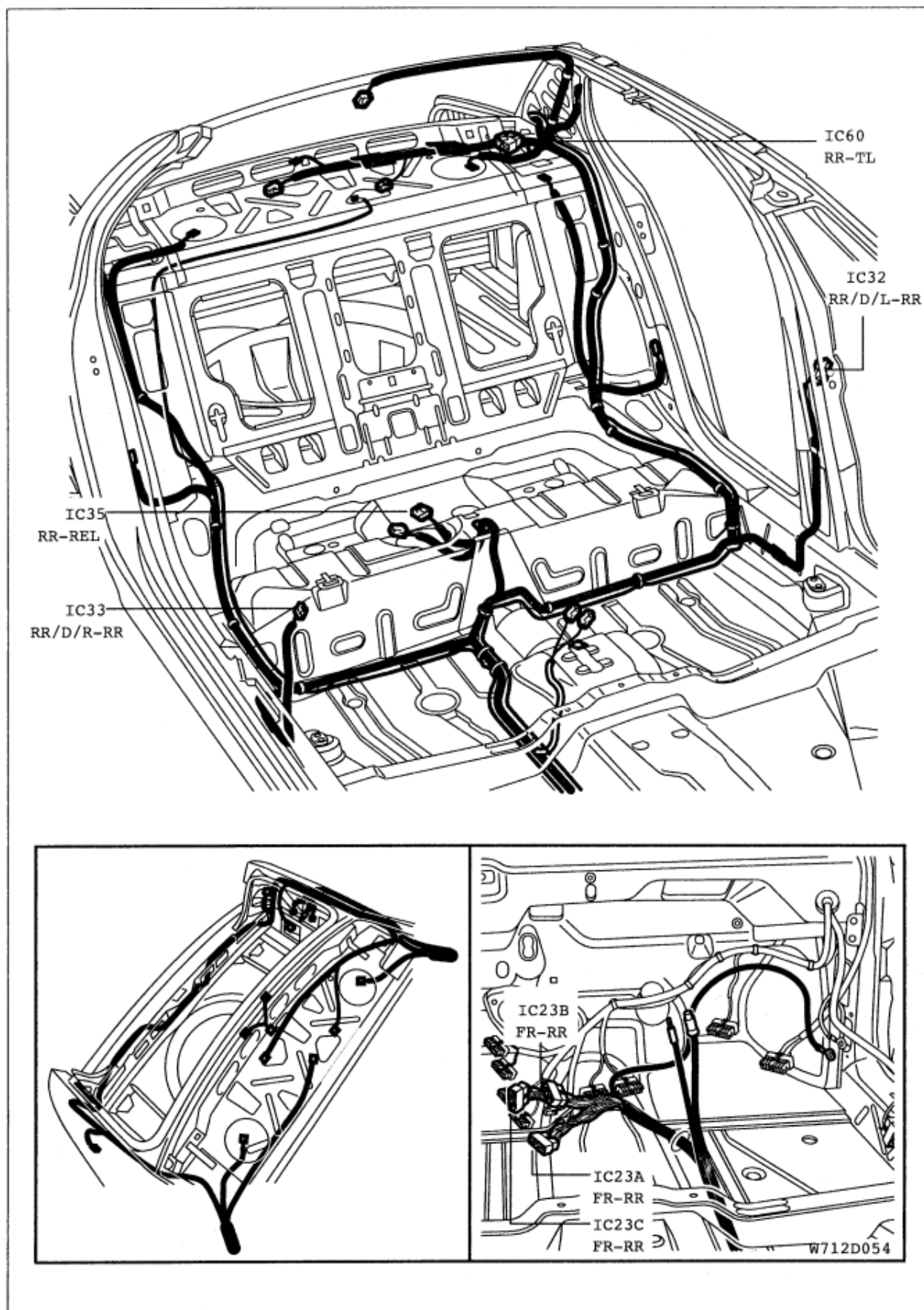
Instrument panel harness



Instrument panel harness connector/components

DESCRIPTION	NUMBER	PINS	COLOUR
Cigar Lighter Lamp	3053	1	Black
Clock	7220	4	White
Front Cigar Lighter	8100	3	White
Glove Box Lamp	3115	2	Brown
Glove Box Lamp Switch	3110	2	White
Hazard Warning Switch	2300	8	Black
Interconnector Instrument panel to front	IC20A FA-FR	13	White
Interconnector Instrument panel to front	IC20B FA-FR	13	Black
Roof Lamp Timer	3005	7	Brown
RR Screen Heater Switch	8110	8	Green

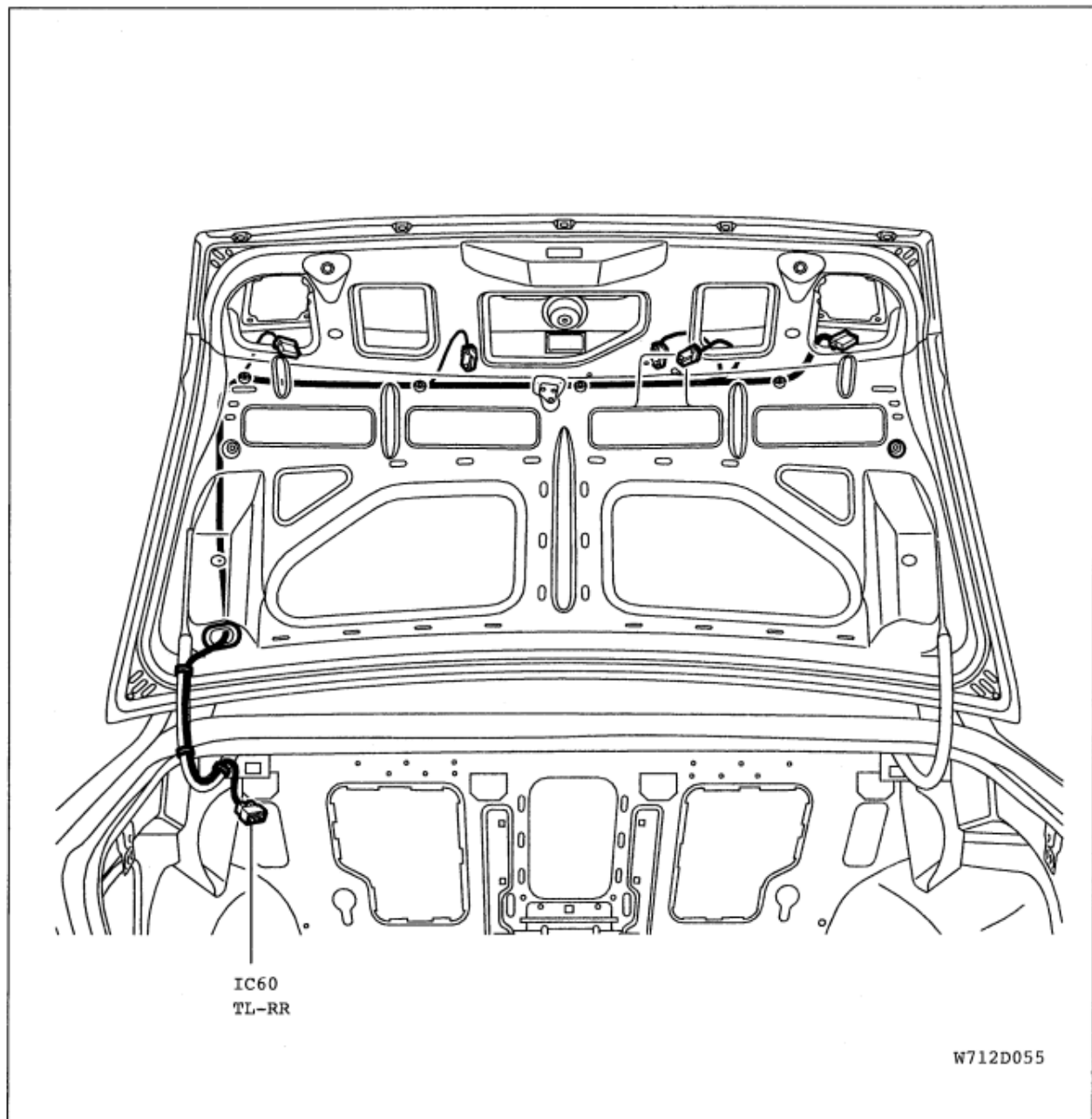
Rear harness



Rear harness connector/components

DESCRIPTION	NUMBER	PINS	COLOUR
Door Contact Switch	3003A	-	-
Door Contact Switch	3003	1	Black
Door Contact Switch	3002	1	Black
Door Contact Switch	3002A	-	-
Earth Point	E027	-	-
Earth Point	E026D	-	-
Earth Point	E026G	-	-
Electric Aerial	8405	3	White
Fuel Filler Flap Lock Motor	6265	2	White
Fuel Gauge	4310	4	Brown
Hand Brake Switch	4400	2	Brown
Heated Rear Screen	8120A	1	Black
High Mounting Stop Lamp	2110	2	Brown
Interconnector Front to rear	IC23A	13	White
Interconnector Front to rear	IC23B	13	Brown
Interconnector Front to rear	IC23C	13	Grey
Interconnector Front to fuel pump	IC35	2	White
Interconnector Rear to rear door (RH)	IC33	9	Brown
Interconnector Rear to rear door (LH)	IC32	9	Brown
Interconnector RR-TL	IC60	9	Brown
Loud Speaker (LH)	8430	2	Yellow
Loud Speaker (RH)	8435	2	Yellow
Rear Roof Lamp	3020	4	Black
Tail Light (LH)	2630	6	Brown
Tail Light (RH)	2635	6	Brown
Trunk Lamp	3105A	1	
Trunk Lamp	3105B	1	
Trunk Lamp Switch	3100	2	Brown
Rear Cigar lighter lamp	3053B	1	Black
Rear Cigar lighter	8105	3	White
Reverse sensor buzzer	2225	2	White
Reverse sensor unit	2220	4	White

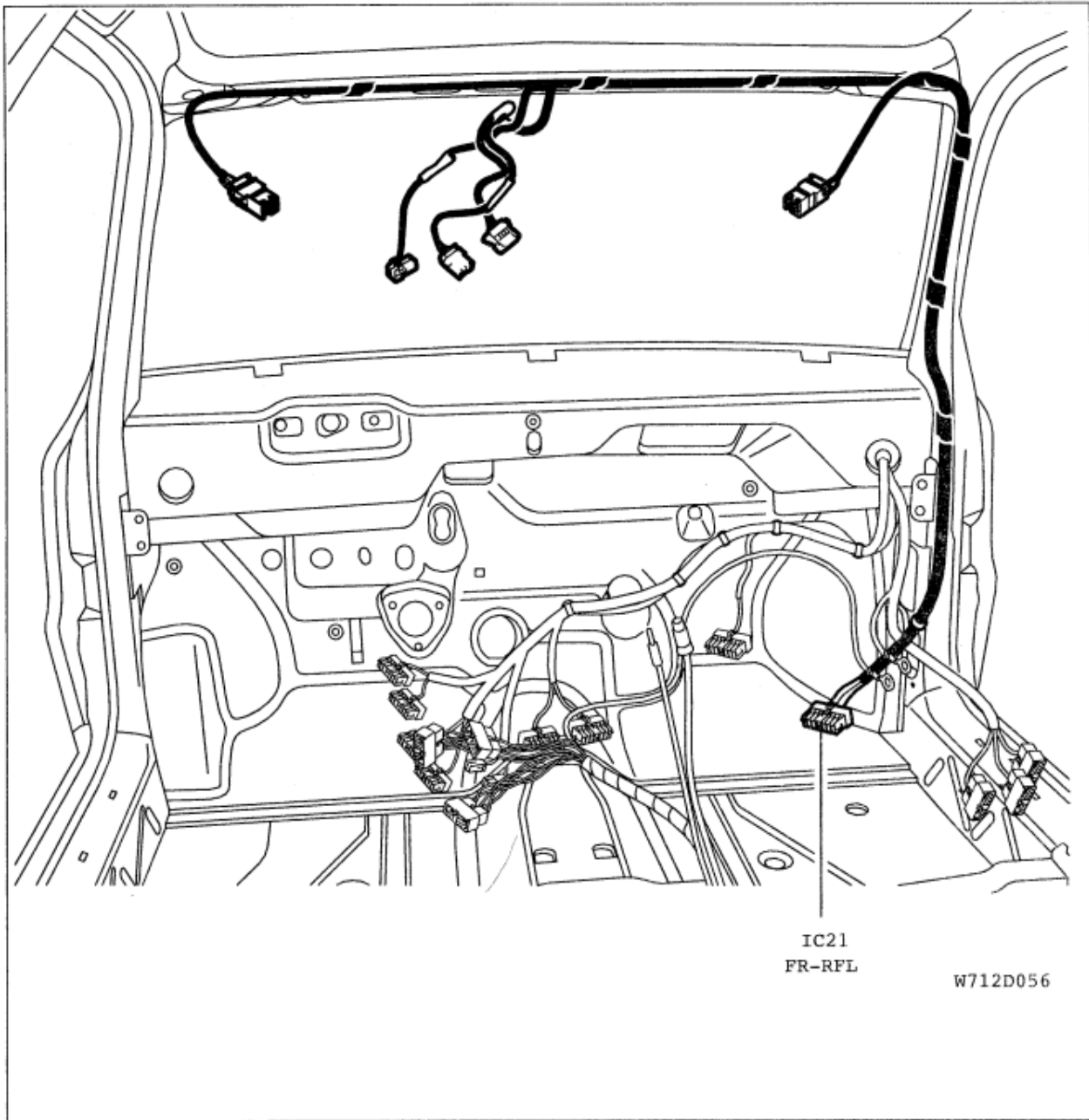
Trunk lid harness



Trunk lid harness connector/components

DESCRIPTION	NUMBER	PINS	COLOUR
Interconnector Rear to trunk lid	IC60	9	Brown
Licence Plate Lamp	2636	2	White
Licence Plate Lamp	2633	2	White
Tail Lamp Trunk Lid (LH)	2632	6	Brown
Tail Lamp Trunk Lid (RH)	2637	6	Brown
Trunk Lid lock Actuator	6260	2	White

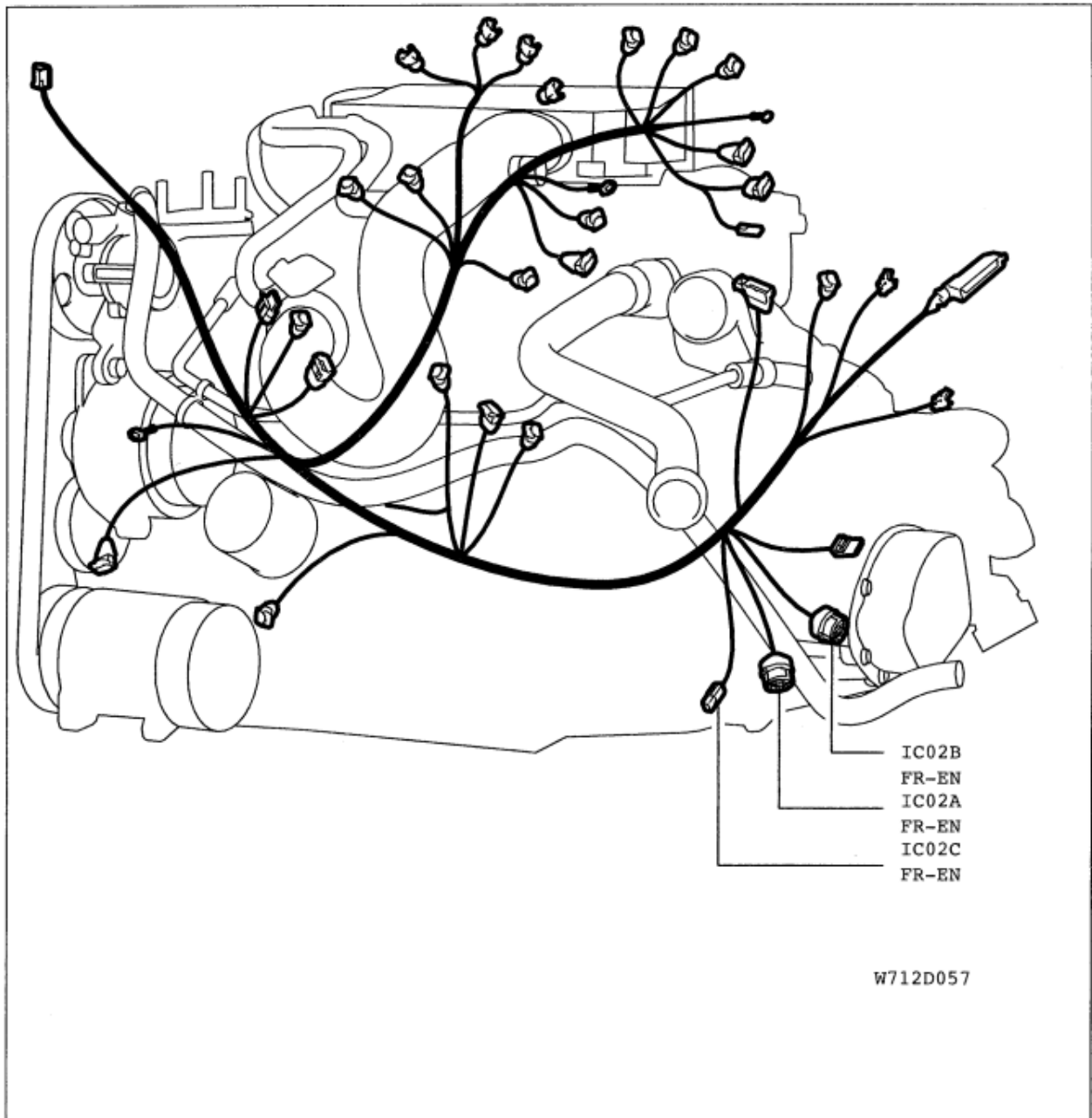
Front roof lamp harness



Front roof lamp harness connector/components

DESCRIPTION	NUMBER	PINS	COLOUR
Interconnector Front to roof lamp	IC21	13	Black
Infra Red Receiver	6230	8	Black
Map Reading lamp	3065	2	Brown
Roof Lamp	3010	4	Black
Sunvisor Lamp	3060	2	White
Sunvisor Lamp	3061	2	White

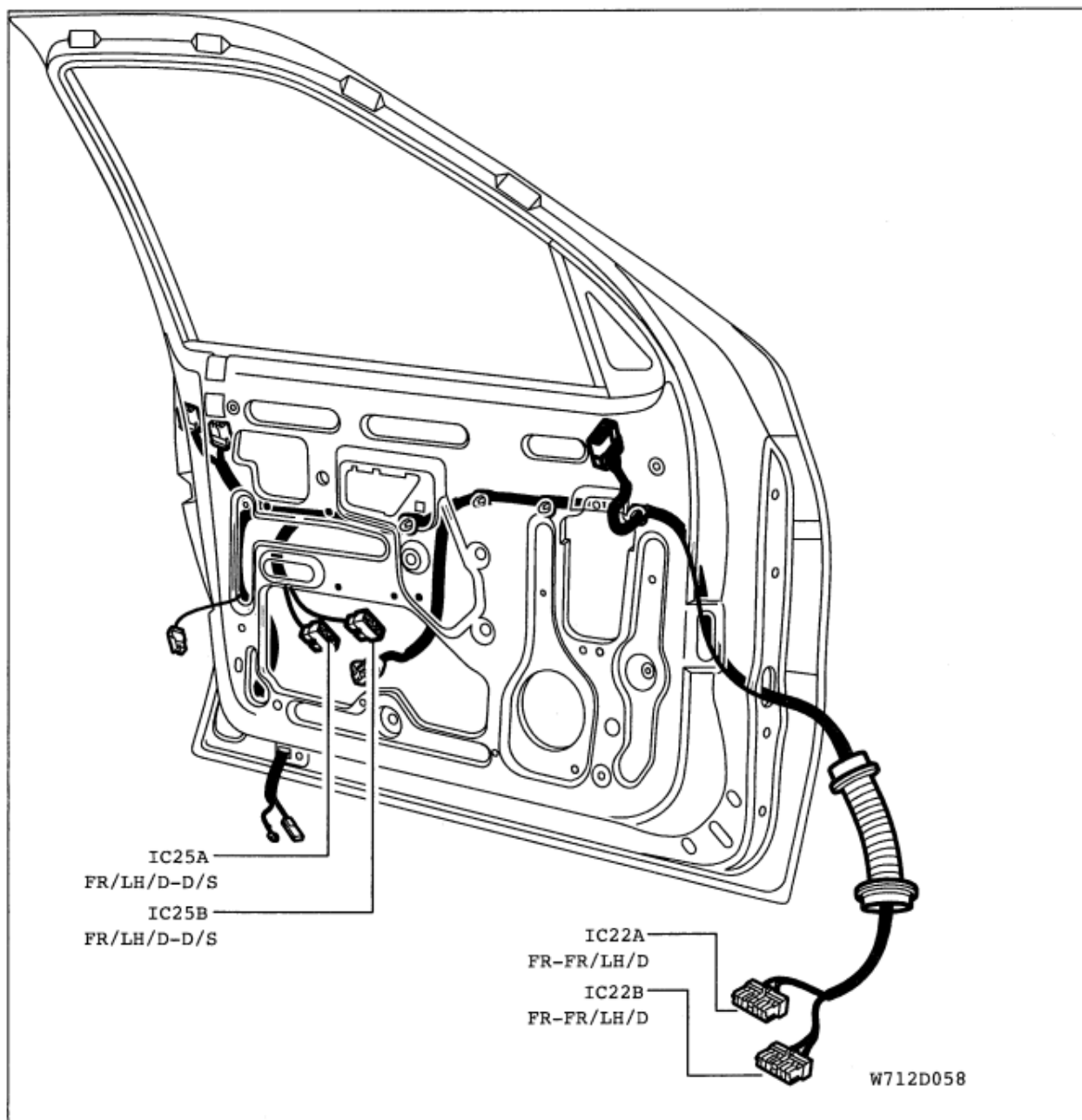
Engine harness



Engine harness connector/components

DESCRIPTION	NUMBER	PINS	COLOUR
Air Cond. En. Cool. Tem. Ter	8008	2	Brown
Air Conditioning Compressor	8020	2	White
Alternator	1020	--	--
Battery +VE Control Unit	BB10	2	Black
Canister Purge Solenoid Valve	1215	2	Black
Coolant Thermis. Thermal SW.	4025	2	Blue
Coolant Thermistor	1220	2	Green
Distributor Capacitor	1136	1	Black
Earth Point	E040	--	--
Engine Oil Level Sensor	4120	2	Yellow
Engine Speed Sensor	1313	3	Brown
Idling Regulation Stepper Motor	1225	4	Black
Ignition Coil	1135	4	Black
Ignition Injection Control Unit (magneti marelli)	1320	35	Black
Ignition Injection Control Unit (sagem)	1320	55	Black
Inertial Switch	1203	3	Black
INJ. Multi-Function Double Rel.	1304	15	Black
Injection Ignition Test Con.	C1300	2	Green
Injection Potentiometer	1317	3	White
Injector Cylinder No. 1	1331	2	Black
Injector Cylinder No. 2	1332	2	Black
Injector Cylinder No. 3	1333	2	Black
Injector Cylinder No. 4	1334	2	Black
Inlet Air Thermistor	1240	2	Grey
Inlet Manifold Pressure Sensor	1312	3	Black
Interconnector Front to engine	IC02A	23	Black
Interconnector Front to engine	IC02B	23	Brown
Interconnector Front to engine	IC02C	2	Brown
Knock Detector	1120	3	Green
Oil Pressure Switch	4110	2	Grey
Oil Vapor Heater Element	1273	2	Red
Reverse Lamp Switch	2200	2	Grey
Starter	1010	--	--
Supply Pump Fuse Holder Con.	C1260	2	Black
Throttle Housing Fuse Con.	C1265	2	Black
Throttle Housing Heater Resist.	1270	2	Yellow
Vehicle Speed Sensor	1620	3	White

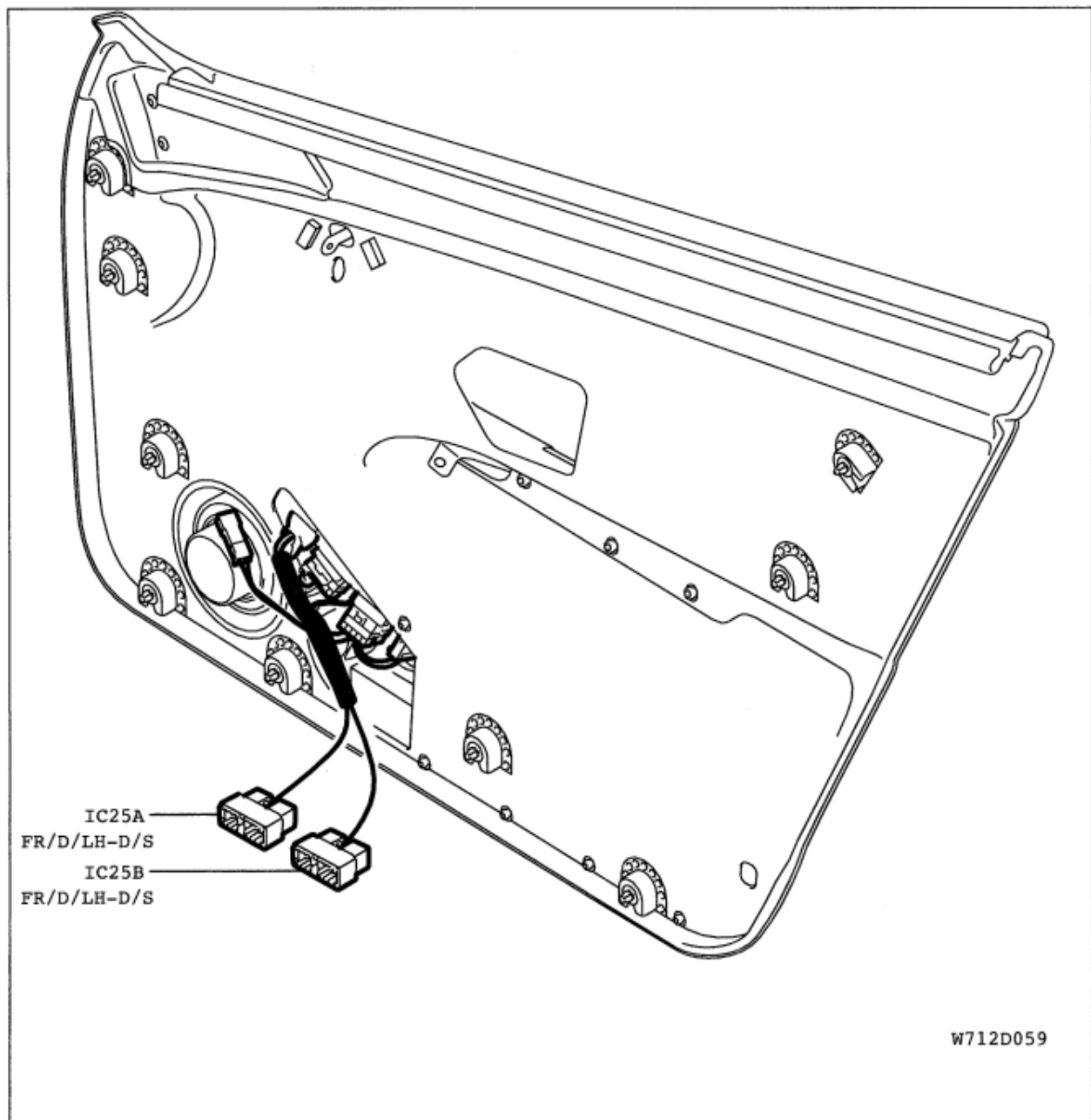
Front driver door harness



Front driver door harness connector/components

DESCRIPTION	NUMBER	PINS	COLOUR
Door Contact Switch	3000A	-	-
Door Contact Switch	3000	1	Black
Door Lamp	3040	2	White
Door Lock Motor	6240	2	Brown
Door Lock Switch	6200	3	White
Interconnector Front to front LH door	IC22A	13	Black
Interconnector Front to front LH door	IC22B	13	Grey
Interconnector Front LH door to door switch	IC25A	13	Brown
Interconnector Front LH door to door switch	IC25BF	13	Grey
Mirror Motors	6410	5	White
Window Winder Motor	6040	2	Grey

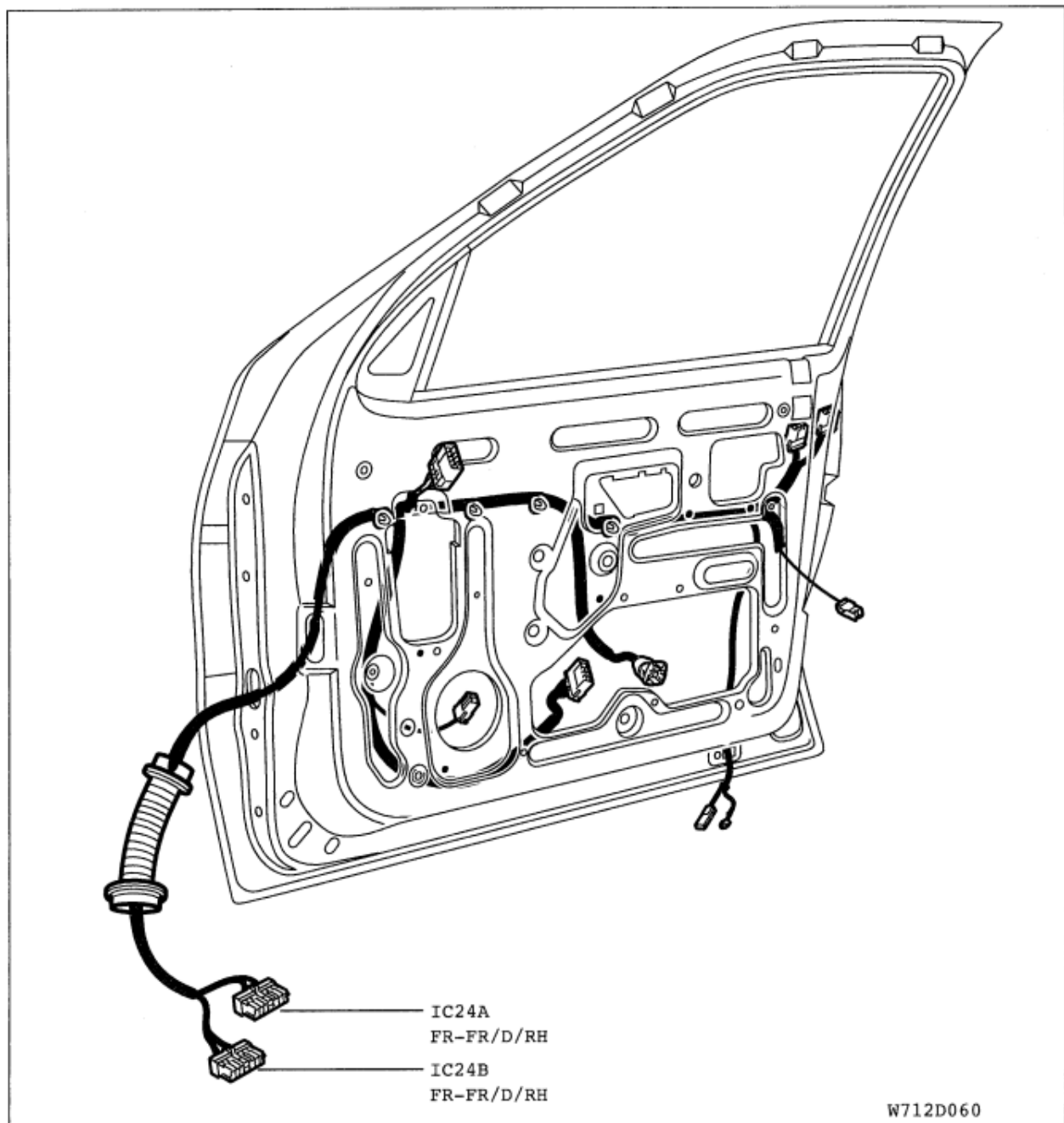
Front driver door switch harness



Door switch harness,connector/components

DESCRIPTION	NUMBER	PINS	COLOUR
Auto Window Winder Switch	6000	7	Blue
Electronic Box	6030	9	Red
Interconnector Front LH door to door switch	IC25A	13	Brown
Interconnector Front LH door to door switch	IC25B	13	Grey
Isolator Switch	6120	5	Grey
Loud Speaker	8420	2	Yellow
Window Winder Switch FRT RH	6015	5	Brown
Window Winder Switch Rear LH	6110	5	White
Window Winder Switch Rear RH	6115	5	Black
Mirror Switch	6400	8	Black

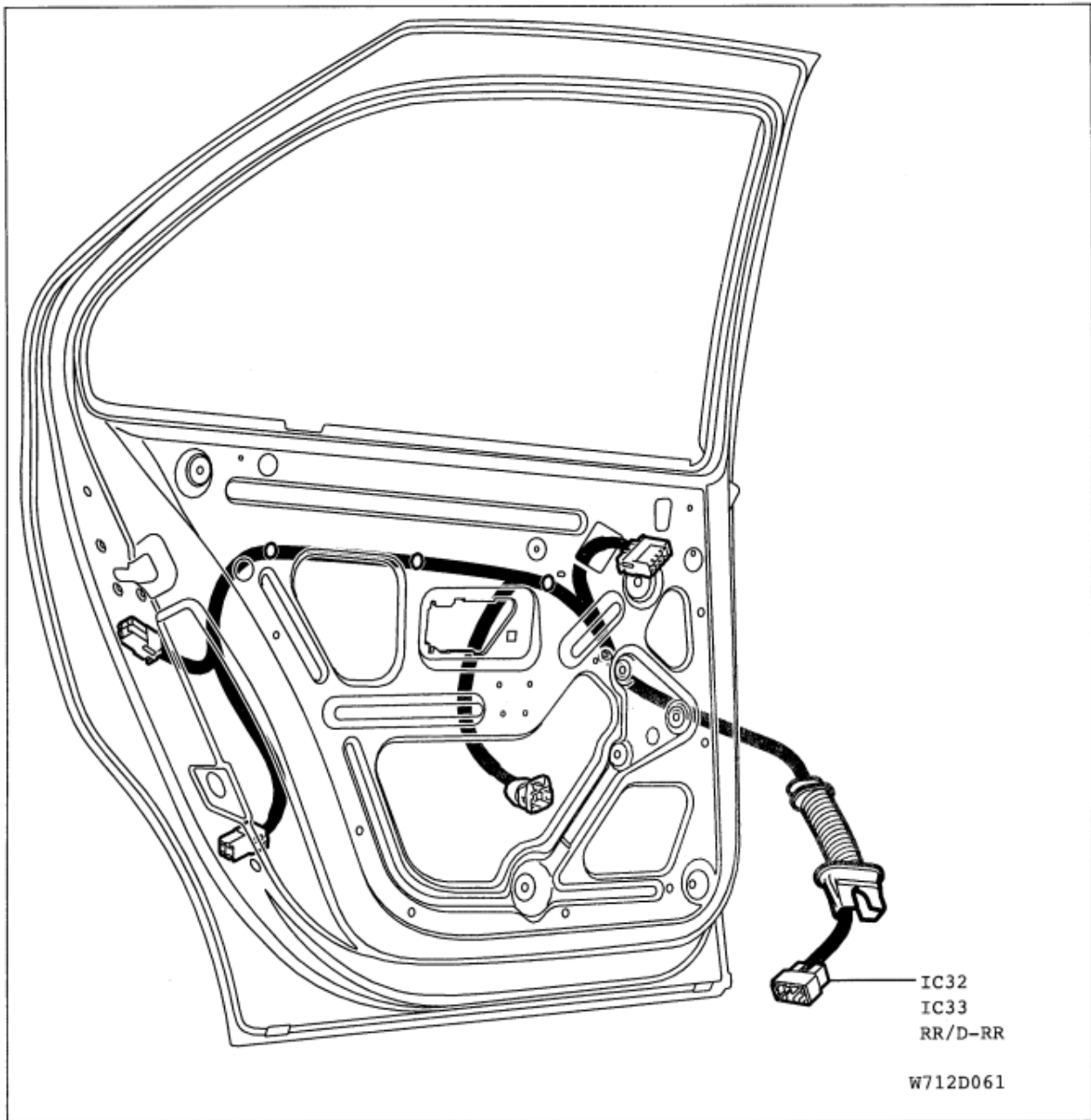
Front passenger door harness



Front passenger door harness connector/components

DESCRIPTION	NUMBER	PINS	COLOUR
Door Contact Switch	3001A		
Door Contact Switch	3001	1	Black
Door Lamp	3045	2	White
Door Lock Motor	6245	2	Brown
Door Lock Switch	6205	3	White
Interconnector Front to front RH door	IC24A	13	Black
Interconnector Front to front RH door	IC24B	13	Grey
Loud Speaker	8425	2	Yellow
Mirror Motors	6415	5	White
Window Winder Motor	6045	2	Grey
Window Winder Switch	6005	5	Brown

Rear door harness



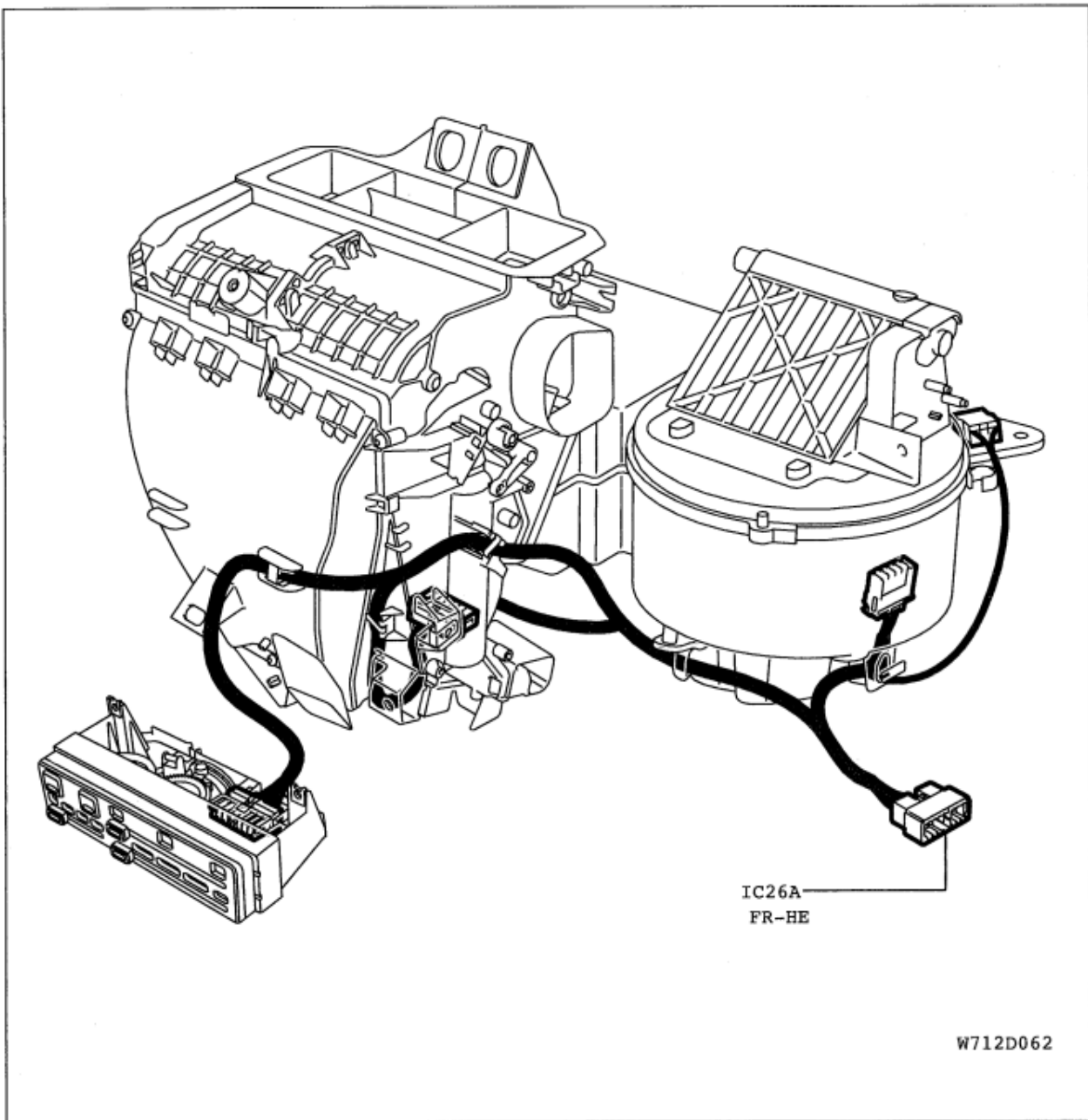
Rear LH door harness connector/components

DESCRIPTION	NUMBER	PINS	COLOUR
Door Lamp	3042	2	White
Interconnector Rear to rear door LH	IC32	9	Brown
Rear Door Lock Motor	6250	2	Brown
Window Winder Motor	6130	2	Grey
Window Winder Switch	6100	5	Grey

Rear RH door harness connector/components

Door Lamp	3047	2	White
Interconnector Rear to Rear Door LH	IC33	9	Brown
Rear Door Lock Motor	6255	2	Brown
Window Winder Motor	6135	2	Gray
Window Winder Switch	6105	5	Grey

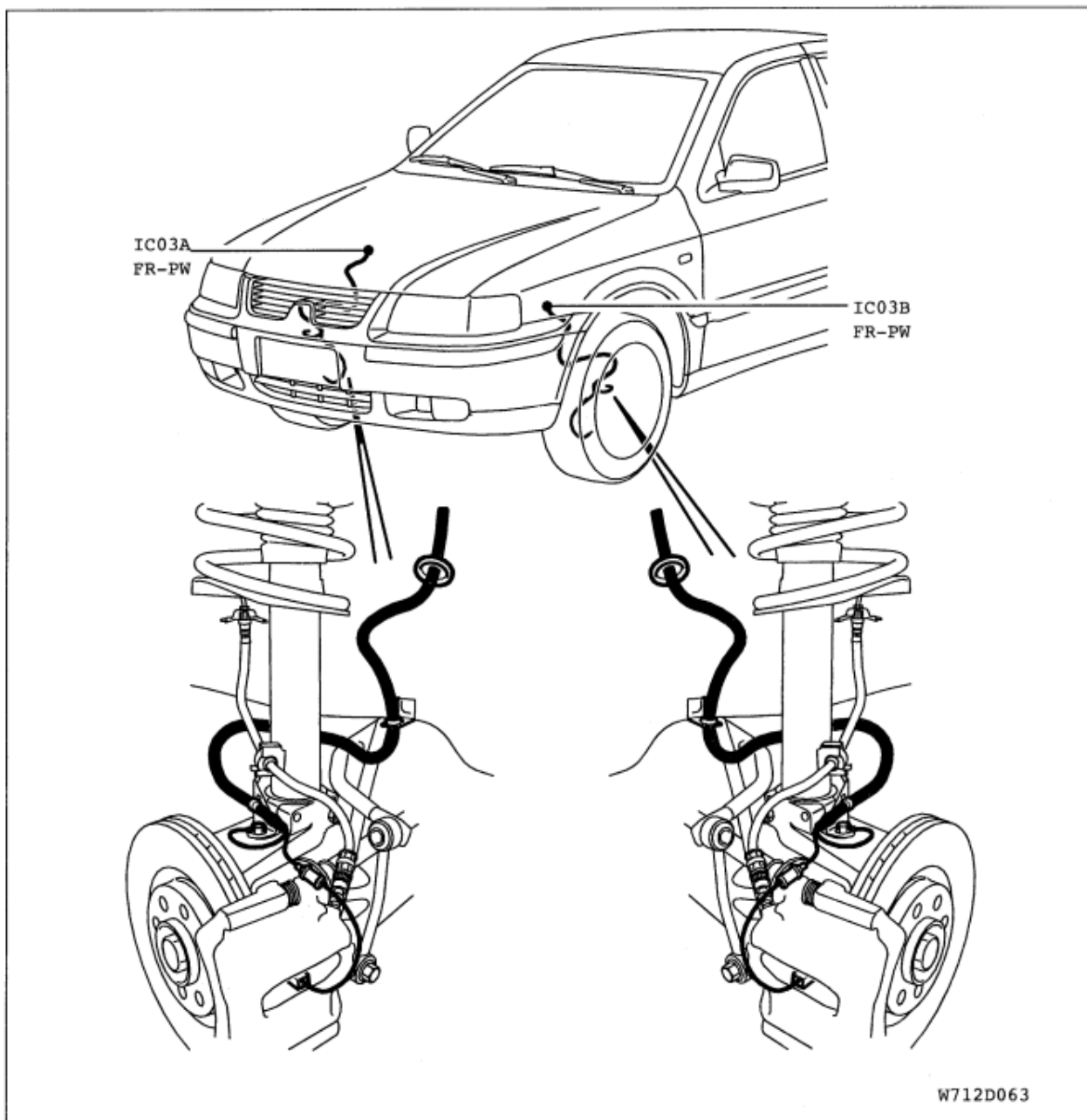
Heater harness



Heater harness connector/components

Description	Number	PINS	COLOUR
Passenger compartment temperature electronic thermostat	8035	7	White
Blower control module/ Heater blower motor	8045/8050	4	Brown
Heater panel	8025	13	White
Evaporator thermostat	8006	2	Black
Air inlet flap reduction motor	8070	5	Brown
Interco FR-HE	IC26A	11	White

Brake wear harness



Brake wear harness connector/components (LH&RH)

DESCRIPTION	NUMBER	PINS	COLOUR
Interconnector Front to Brake Pad Wear	IC03	2	White
Earth Pads	E009	--	--
Brake pads	4430	1	White

Connector/Component list by number

NUMBER	DESCRIPTION	PINS	COLOUR	HARNESS
BB00	Battery			
BB10	Branch Box			
BF00	Fuse Box			Front
C1260	Supply Pump Fuse Holder Connector	2	Black	Engine
C1265	Throttle Housing heater Fuse holder Connector	2	Black	Engine
C1300	Injection Ignition Test Connector	2	Green	Engine
SW00	Ignition switch			Front
0002	Lighting and signaling switch			Front
0004	Instrument Cluster			Front
0005	Screen Wiper Switch	11	Grey	Front
1010	Starter			Engine
1020	Alternator			Engine
1086	Starter Relay	5	Black	Front
1120	Knock Detector	3	Green	Engine
1135	Ignition Coil	4	Black	Engine
1136	Distributor Capacitor	1	Black	Engine
1203	Inertial Switch(Cut off Fuel Pump Switch)	3	Black	Engine
1215	Canister Purge Solenoid Valve	2	Black	Engine
1220	Coolant Thermistor	2	Green	Engine
1225	Idling Regulation Stepper Motor	4	Black	Engine
1240	Inlet Air Thermistor	2	Grey	Engine
1270	Throttle Housing Heater Resistor	2	Yellow	Engine
1273	Oil Vapor Heater Element	2	Red	Engine
1312	Inlet Manifold Pressure Sensor	3	Black	Engine
1313	Engine Speed Sensor	3	Brown	Engine
1317	Injection Potentiometer	3	White	Engine
1320	Ignition Injection Control Unit	35/55	Black	Engine
1331	Injector Cylinder No. 1	2	Black	Engine
1332	Injector Cylinder No. 2	2	Black	Engine
1333	Injector Cylinder No. 3	2	Black	Engine
1334	Injector Cylinder No. 4	2	Black	Engine
1620	Vehicle Speed Sensor	3	White	Engine
2100	Stop Lamp Switch	2	White	Front
2110	High Mounting Stop Lamp	2	White	Rear
2200	Reverse Lamp Switch	2	Grey	Engine
2300	Hazard Warning Switch	8	Black	Instrument Panel
2305	Flasher Unit	5	Grey	Front
2320	Left Hand Front Direction Indicator Lamp	2	Brown	Front Panel
2325	Left Hand Front Direction Indicator Lamp	2	Brown	Front Panel
2340	Left Hand Side Repeater Flasher	2	White	Front
2345	Right Hand Side Repeater Flasher	2	White	Front
2350	Flasher Relay	5	Green	Front
2610	Left Hand Head Lamp	3	Black	Front Panel
2615	Right Hand Head Lamp	3	Black	Front Panel

NUMBER	DESCRIPTION	PINS	COLOUR	HARNESS
2620	Left Hand Side lamp	2	White	Front Panel
2625	Right Hand Side Lamp	2	White	Front Panel
2630	Left Hand Tail Light	6	Brown	Rear
2632	Left Hand Tail Lamp on Trunk Lid	6	Brown	Trunk Lid
2633	Licence Plate Lamp	2	White	Trunk Lid
2635	Right Hand Tail Light	6	Brown	Rear
2636	Licence Plate Lamp	2	White	Trunk Lid
2637	Tail Lamp Trunk Lid (Right Hand)	6	Brown	Trunk Lid
2665	Front Fog Lamp Relay	5	Violet	Front
2670	Left Hand Front Foglamp	2	White	Front Panel
2675	Right Hand Front Foglamp	2	White	Front Panel
3000	Door Contact Switch	1	Black	Front Door (LH)
3001	Door Contact Switch	1	Black	Front Door
3002	Door Contact Switch	1	Black	Rear
3003	Door Contact Switch	1	Black	Rear
3005	Roof Lamp Timer	7	Brown	Instrument Panel
3010	Roof Lamp	4	Black	Front Roof Lamp
3020	Rear Roof Lamp	4	Black	Rear
3040	Left Hand Front Door Lamp	2	White	Front Door (LH)
3042	Left Hand Rear Door Lamp	2	White	Rear Door (LH)
3047	Right Hand Rear Door Lamp	2	White	Rear Door (RH)
3045	Right Hand Front Door Lamp	2	White	Front Door (RH)
3050	Lighting Rheostat	4	Brown	Front
3053	Cigar Lighter Lamp	1	Black	Instrument Panel
3060	Sunvisor Lamp	2	White	Front Roof lamp
3061	Sunvisor Lamp	2	White	Front Roof lamp
3065	Map Reading lamp	2	Brown	Front Roof lamp
3100	Trunk Lamp Switch	2	Brown	Rear
3110	Glove Box Lamp Switch	2	White	Instrument
3115	Glove Box Lamp	2	Brown	Instrument
4025	Coolant Thermistor Thermal SWitch	2	Blue	Engine
4110	Oil Pressure Switch	2	Grey	Engine
4120	Engine Oil Level Sensor	2	Yellow	Engine
4310	Fuel Gauge	4	Brown	Rear
4400	Hand Brake Switch	2	Brown	Rear
4410	Brake Fluid Level Switch	2	Black	Front
4720	Lamps on Buzzer Relay	5	White	Front
5010	Windscreen Wiper Control Unit	9	Blue	Front
5015	Windscreen Wiper Motor	5	White	Front
5100	Windscreen Wash Pump	2	Black	Front
6000	Auto Window Winder Switch	7	Blue	Door Switches
6005	Window Winder Switch	5	Brown	Front Door
6015	Front Right Hand Window Winder Switch	5	Brown	Door Switches
6020	Front Window Lift Relay	5	Black	Front
6030	Window Winder Electronic Box	9	Red	Door Switches
6040	Window Winder Motor(Front Left Hand)	2	Grey	Front Door (LH)

NUMBER	DESCRIPTION	PINS	COLOUR	HARNESS
6045	Window Winder Motor (front RH)	2	Grey	Front Door
6100	Rear Switch For Left Hand Rear window	5	Grey	Rear Door (LH)
6105	Rear Switch For Right Hand Rear Window	5	Grey	Rear Door (RH)
6110	Front Switch For Left Hand Rear Window	5	White	Door Switches
6115	Front Switch For Right Hand Rear Window	5	Black	Door Switches
6120	Rear Electric Windows locking Switch	9	Grey	Door Switches
6126	Rear Window Lift Relay	5	Black	Front
6130	Window Winder Motor (Rear Left Hand)	2	Grey	Rear Door (LH)
6135	Window Winder Motor (Rear Right Hand)	2	Grey	Rear Door (RH)
6200	Left Hand front Door Lock Switch	3	White	Front Door (LH)
6205	Right Hand Front Door Lock Switch	3	White	Front Door
6230	Infra Red Receiver	8	Black	Front Roof Lamp
6235	Central Locking Control Unit	9	Brown	Front
6240	Left Hand Front Door Lock Motor	2	Brown	Front Door (LH)
6245	Right Hand Front Door Lock Motor	2	Brown	Front Door
6250	Left Hand Rear Door Lock Motor	2	Brown	Rear Door (LH)
6255	Right Hand Rear Door Lock Motor	2	Brown	Rear Door (RH)
6260	Trunk Lid lock Actuator	2	White	Trunk Lid
6265	Fuel Filler Flap Lock Motor	2	White	Rear
6410	Left Hand Mirror Motors	5	White	Front Door (LH)
6415	Right Hand Mirror Motors	5	White	Front Door
7220	Clock	4	White	Instrument Panel
8005	Air Condition Compressor Relay	5	Yellow	Front
8007	Pressostat	4	Brown	Front
8008	Air Conditioning Engine Coolant Temperature Termistor	2		Brown
Engine				
8010	Air Conditioning Engine Coolant Temperature unit	15		Black Front
8020	Air Conditioning Compressor	2	White	Engine
8048	Blower Relay	5	Yellow	Front
8100	Front Cigar Lighter	3	White	Instrument Panel
8110	Rear Screen Heater Switch	8	Green	Instrument Panel
8116	Rear Screen Heater Timer Switch Relay	5	Orange	Front
8405	Electric Aerial	3	White	Rear
8410	Radio Cassette			Front
8420	Front Loud Speaker (Left Hand)	2	Yellow	Door Switches
8425	Front Loud Speaker (Right Hand)	2	Yellow	Front Door
8430	Rear Loud Speaker (Left Hand)	2	Yellow	Rear
8435	Rear Loud Speaker (Right Hand)	2	Yellow	Rear
8605	Security Alarm Siren	4	Brown	Front
8611	Bonnet Switch	2	Black	Front
8618	Alarm Control Unit	16/12	Black	Front
1304	Injection Multi-Function Double Relay	15	Black	Engine
1500	Fan Relay	5	Black	Front Panel
1510	Fan	2	Black	Front Panel
2520	Horn	2	Black	Front Panel

NUMBER	DESCRIPTION	PINS	COLOUR	HARNESS
3000	Front Door Contact Switch (left Hand)	1	Black	Front Door
3001	Front Door Contact Switch (Right Hand)	1	Black	Front Door
3002	Rear Door Contact Switch (Left Hand)	1	Black	Rear
3003	Rear Door Contact Switch (Right Hand)	1	Black	Rear
3005	Trunk Lamp	1	--	Rear
3005	Trunk Lamp	1	--	Rear
8005	Cooler Relay	5	Black	Front
8120	Heated Rear Screen	1	Black	Rear

Earth points

NUMBER	DESCRIPTION	PINS	COLOUR	HARNESS
E001	Earth Point	--	--	Front Panel
E002	Earth Point	--	--	Front Panel
E005	Earth Point	--	--	Front
E006	Earth Point	--	--	Front
E020	Earth Point	--	--	Front
E020A	Earth Point	--	--	Front
E026D	Earth Point	--	--	Rear
E026G	Earth Point	--	--	Rear
E027	Earth Point	--	--	Rear
E040	Earth Point	--	--	Engine

Instrument cluster warning lamps

NUMBER	DESCRIPTION OF LAMP
V4	Stop warning lamp
V1000	No charge warning
V1300	Injection ignition test warning
V2320	LH direction indicator warning
V2330	RH direction indicator warning
V2610	Dipped beam warning
V2620	Main beam warning
V2660	Front fog light indicator
V2665	Rear fog light indicator
V4020	Coolant temperature warning
V4110	Engine oil low pressure warning
V4300	Fuel low level warning
V4420	Handbrake/low brake fluid level warning
V4430	Brake pad wear warning
V4700	Door open warning
V7000	Anti- lock brakes set warning

Interconnectors

NUMBER	DESCRIPTION	PINS	COLOUR	HARNESS
IC01	Interconnector FR/P-FR	23	Grey	Front Panel
IC01	Interconnector FR/P-FR	23	Grey	Front
IC02A	Interconnector FR-EN	23	Black	Engine
IC02A	Interconnector FR-EN	23	Black	Front
IC02B	Interconnector FR-EN	23	Brown	Engine
IC02B	Interconnector FR-EN	23	Brown	Front
IC02C	Interconnector FR-EN	2	Brown	Engine
IC02C	Interconnector FR-EN	2	Brown	Front
IC03A	Interconnector FR-PW	2	White	Front
IC03B	Interconnector FR-PW	2	White	Front
IC20A	Interconnector FA-FR	13	White	Instrument Panel
IC20A	Interconnector FA-FR	13	White	Front
IC20B	Interconnector FA-FR	13	Black	Instrument Panel
IC20B	Interconnector FA-FR	13	Black	Front
IC21	Interconnector FR-RFL	13	Black	Front Roof Panel
IC21	Interconnector FR-RFL	13	Black	Front
IC22A	Interconnector FR-FR/D/LH	13	Black	Front Door (LH)
IC22A	Interconnector FR-FR/D/LH	13	Black	Front
IC22B	Interconnector FR-FR/D/LH	13	Grey	Front Door (LH)
IC22B	Interconnector FR-FR/D/LH	13	Grey	Front
IC23A	Interconnector FR-RR	13	Black	Rear
IC23A	Interconnector FR-RR	13	Black	Front
IC23B	Interconnector FR-RR	13	Brown	Rear
IC23B	Interconnector FR-RR	13	Brown	Front
IC23C	Interconnector FR-RR	13	Grey	Rear
IC23C	Interconnector FR-RR	13	Grey	Front
IC24A	Interconnector FR-FR/D/RH	13	Black	Front Door
IC24A	Interconnector FR-FR/D/RH	13	Black	Front
IC24B	Interconnector FR-FR/D/RH	13	Grey	Front Door
IC24B	Interconnector FR-FR/D/RH	14	Grey	Front
IC25A	Interconnector FR/D/LH-D/S	13	Brown	Door Switches Front
IC25A	Interconnector FR/D/LH-D/S	13	Brown	Front Door (LH)
IC25B	Interconnector FR/D/LH-D/S	13	Grey	Door Switches Front
IC25B	Interconnector FR/D/LH-D/S	13	Grey	Front Door (LH)
IC26A	Interconnector FR-H	11	White	Front
IC26A	Interconnector FR-H	11	White	Heater
IC32	Interconnector RR/D-RR	9	Brown	Rear Door
IC32	Interconnector RR-RR/D/L	9	Brown	Rear
IC33	Interconnector RR-RR/D/R	9	Brown	Rear
IC35	Interconnector RR-REL	2	White	Rear
IC60	Interconnector RR-TL	9	Brown	Rear
IC60	Interconnector TL-RR	9	Brown	Trunk Lid

Components with Multiple connectors

NUMBER	DESCRIPTION	PINS	COLOUR	HARNESS
BB10	Branch Box			
BB10	Branch Box Connector	2	Black	Engine
BB10	Branch Box Connector	2	Brown	Front Panel
BB10A	Branch Box Connector	2	Black	Front
BB10B	Branch Box Connector	2	Grey	Front
BF00	Fuse Box			
BF00A	Fuse Box connector	13	Orange	Front
BF00B	Fuse Box connector	13	Brown	Front
BF00C	Fuse Box connector	13	Grey	Front
BF00D	Fuse Box connector	1	Black	Front
BF00E	Fuse Box connector	2	Black	Front
BF00F	Fuse Box connector	2	Brown	Front
BF00G	Fuse Box connector	9	Yellow	Front
BF00H	Fuse Box connector	13	Red	Front
BF00I	Fuse Box connector	13	Green	Front
BF00J	Fuse Box connector	13	Blue	Front
SW00	Ignition switch			
CA00A	Ignition Switch	2	Black	Front
CA00B	Ignition Switch	2	Grey	Front
CA00C	Ignition Switch	2	Brown	Front
0002	Lighting and signaling switch			
2600A	Lighting and signaling switch	5	White	Front
2600B	Lighting and signaling switch	9	Black	Front
0004	Instrument Cluster			
0004A	Instrument Cluster	11	Yellow	Front
0004B	Instrument Cluster	7	Blue	Front
0004C	Instrument Cluster	10	White	Front
0004D	Instrument Cluster	9	Green	Front
0004E	Instrument Cluster	8	Yellow	Front
0004F	Instrument Cluster	11	Yellow	Front
8410	Radio Cassette			
8410A	Radio Cassette	8	Black	Front
8410B	Radio Cassette	8	White	Front
8618	Alarm Control Unit			
8618A	ACU	16	Black	Front
8618B	ACU	12	Black	Front
1500	Fan Relay			
1500A	Fan Relay	5	Black	Front Panel
1500B	Fan Relay	5	Black	Front Panel
1500C	Fan Relay	5	Black	Front Panel

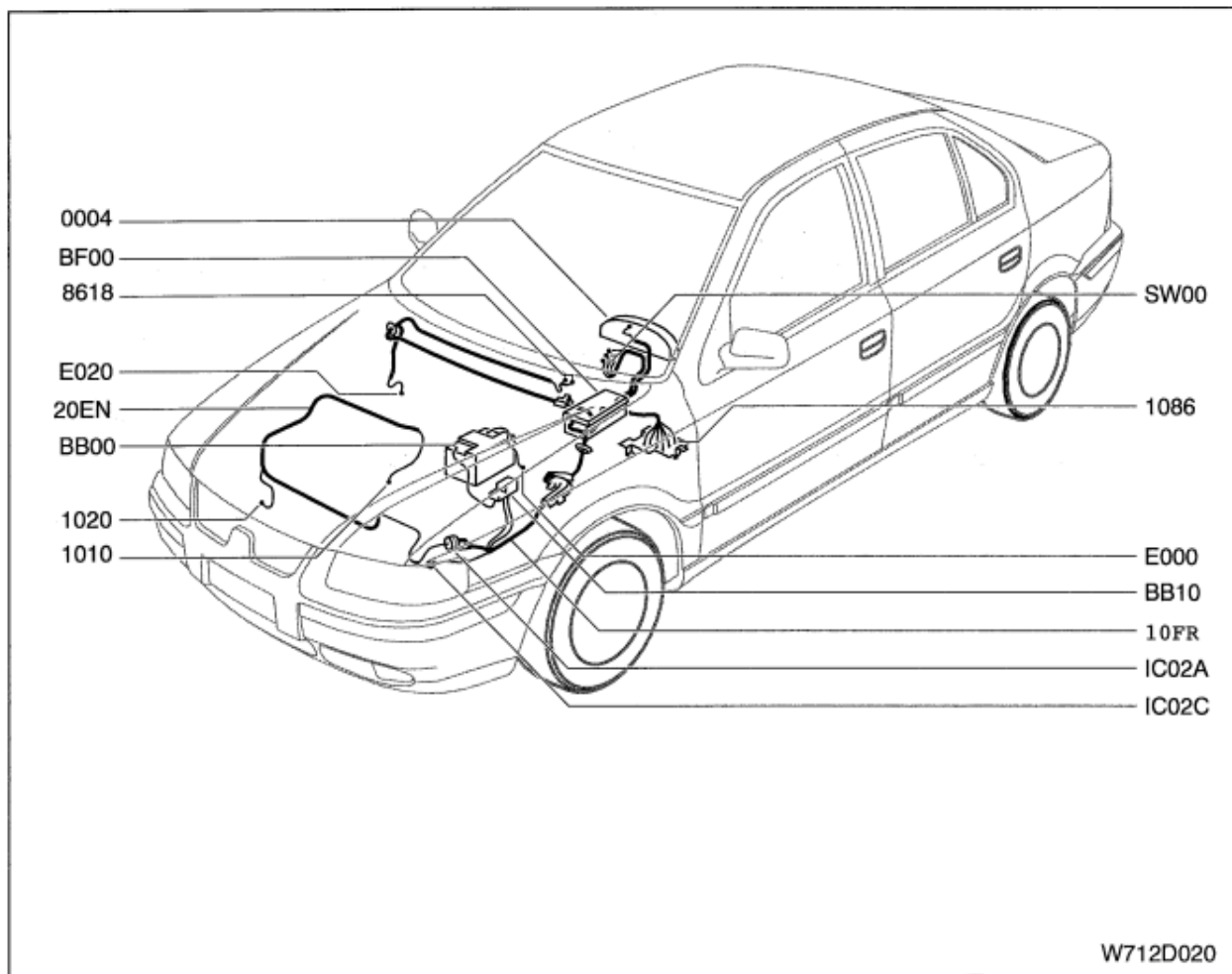
Components with Multiple connectors

NUMBER	DESCRIPTION	PINS	COLOUR	HARNESS
1510	Fan			
1510A	Fan	2	Black	Front Panel
1510B	Fan	2	Black	Front Panel
2520	Horn			
2520A	Horn	2	Black	Front Panel
2520B	Horn	2	Black	Front Panel

Electrical systems

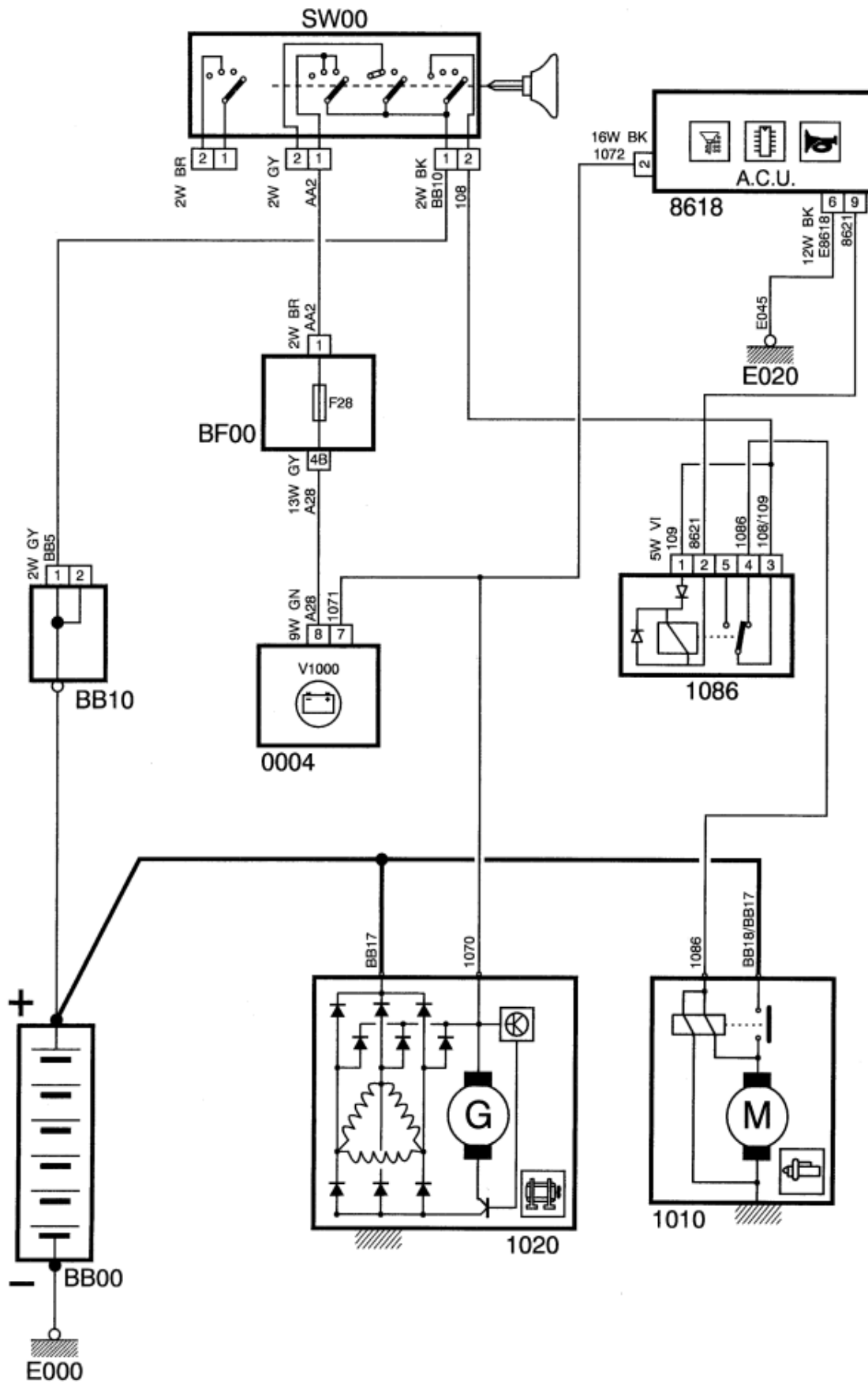
Engine Equipment

Starter and Alternator (A.C.U. System)



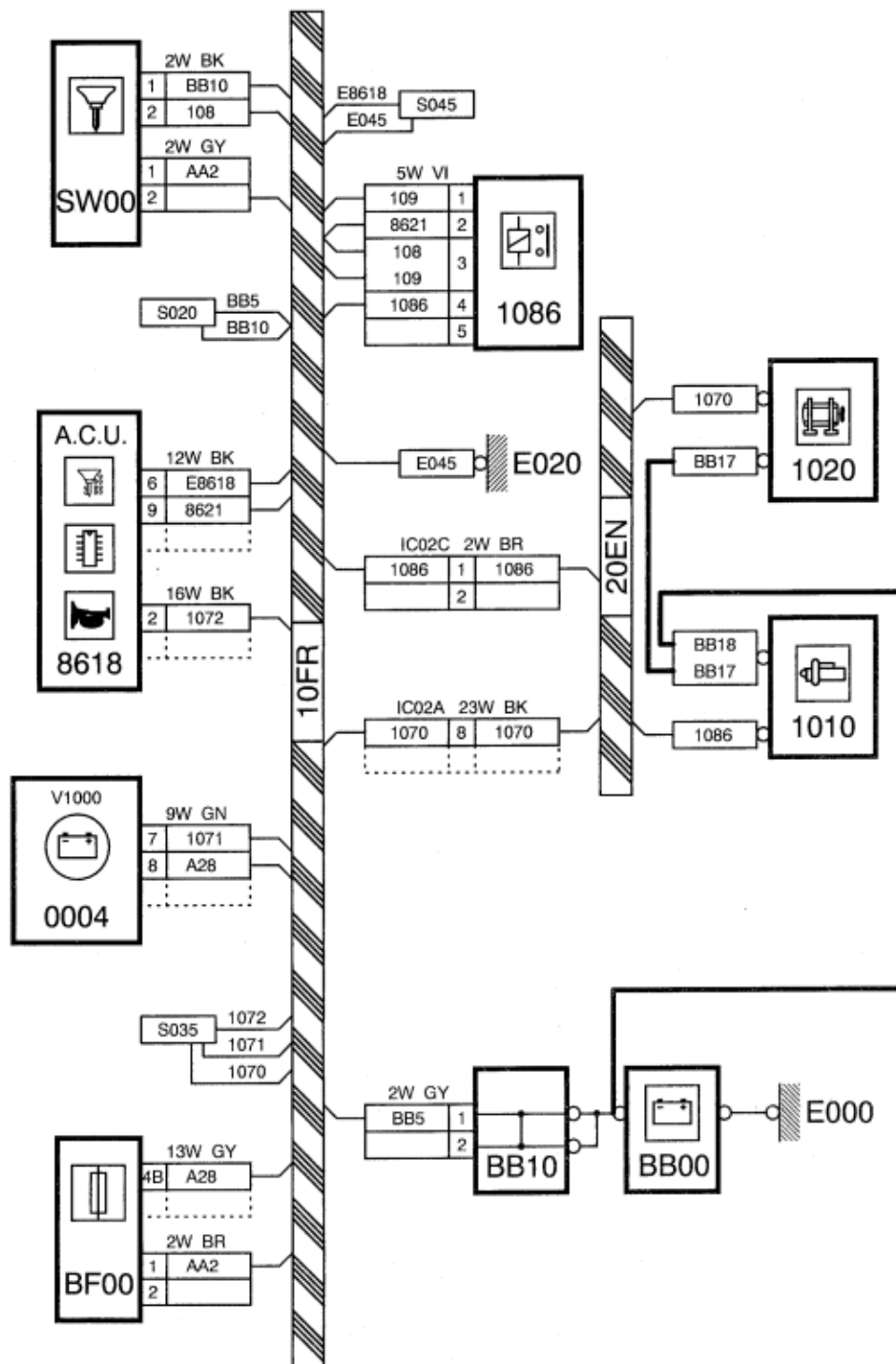
Component Number	Component Description	Connectors	Harness
0004	instrument cluster V1000 = No charge warning lamp	0004D	Front
8618	A.C.U	8618A,8618B	Front
1010	Starter	1010	Engine
1020	Alternator	1020	Engine
1086	Starter relay	1086	Front
BB00	Battery	--	Front
BB10	Branch box	BB10B	Front
BF00	Fuse box (F28)	BF00C, BF00F	Front
E000	Battery Earth point	Battery	Front
E020	Earth point	Bottom RH-A post	Front
Interconnector	Front to Engine harness	IC02A, IC02C	FR-EN
SW00	Ignition switch	SW00A, SW00B	Front

Schematic



W712D105

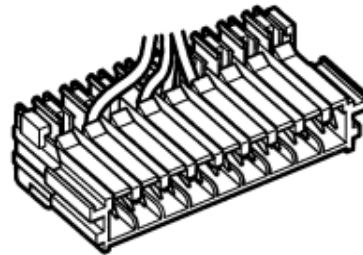
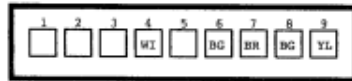
Circuit



Colour codes

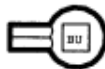
0004D

Front harness
Instrument cluster (0004)
9 pin
Green



1010

Engine harness
Starter
1 pin



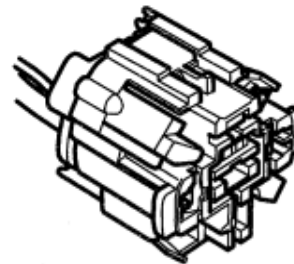
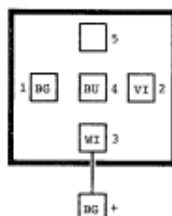
1020

Engine harness
Alternator
1 pin



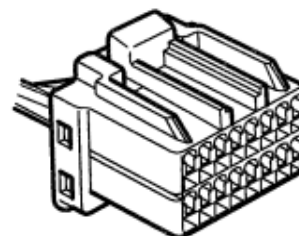
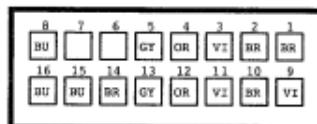
1086

Front harness
Starter
5 pin
Violet



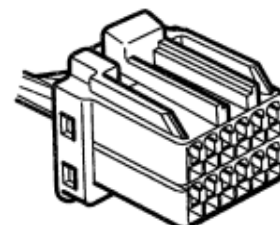
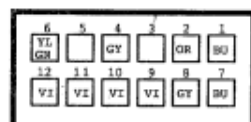
8618A

Front harness
A.C.U. (8618)
16 pin
Black



8618B

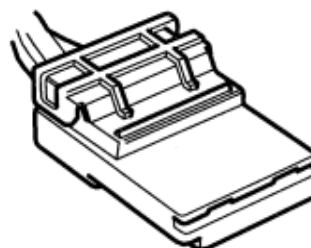
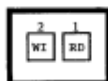
Front harness
A.C.U. (8618)
12 pin
Black



Colour codes

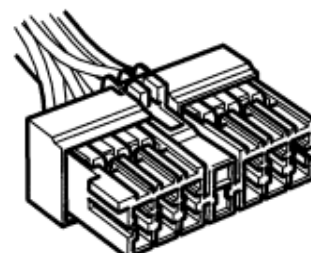
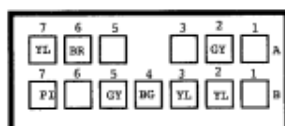
BB10B

Front harness
Branch box (BB10)
2 pin
Black



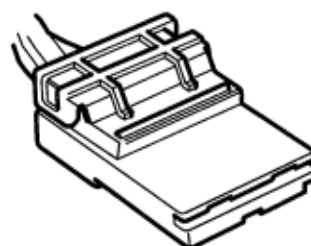
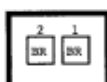
BF00C

Front harness
Fuse box (BF00)
13 pin
Grey



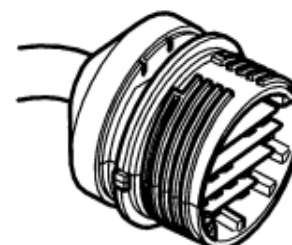
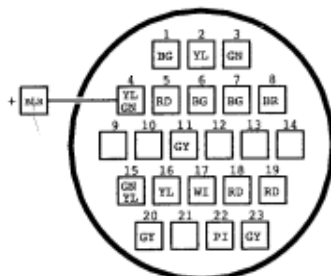
BF00F

Front harness
Fuse box (BF00)
2 pin
Brown



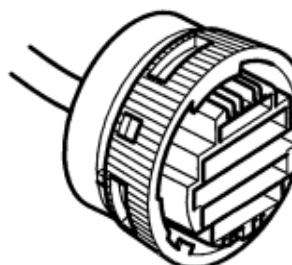
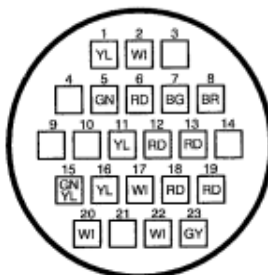
IC02A

Front harness
Interconnector
FR-EN
23 pin
Black



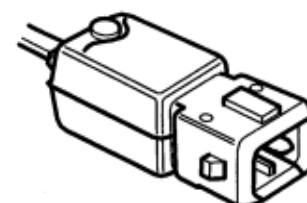
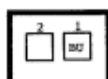
IC02A

Engine harness
Interconnector
FR-EN
23 pin
Black

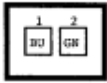
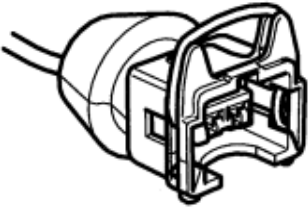
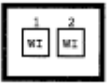
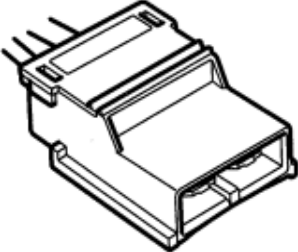
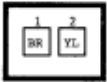
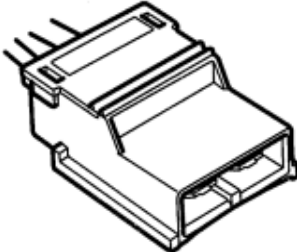


IC02C

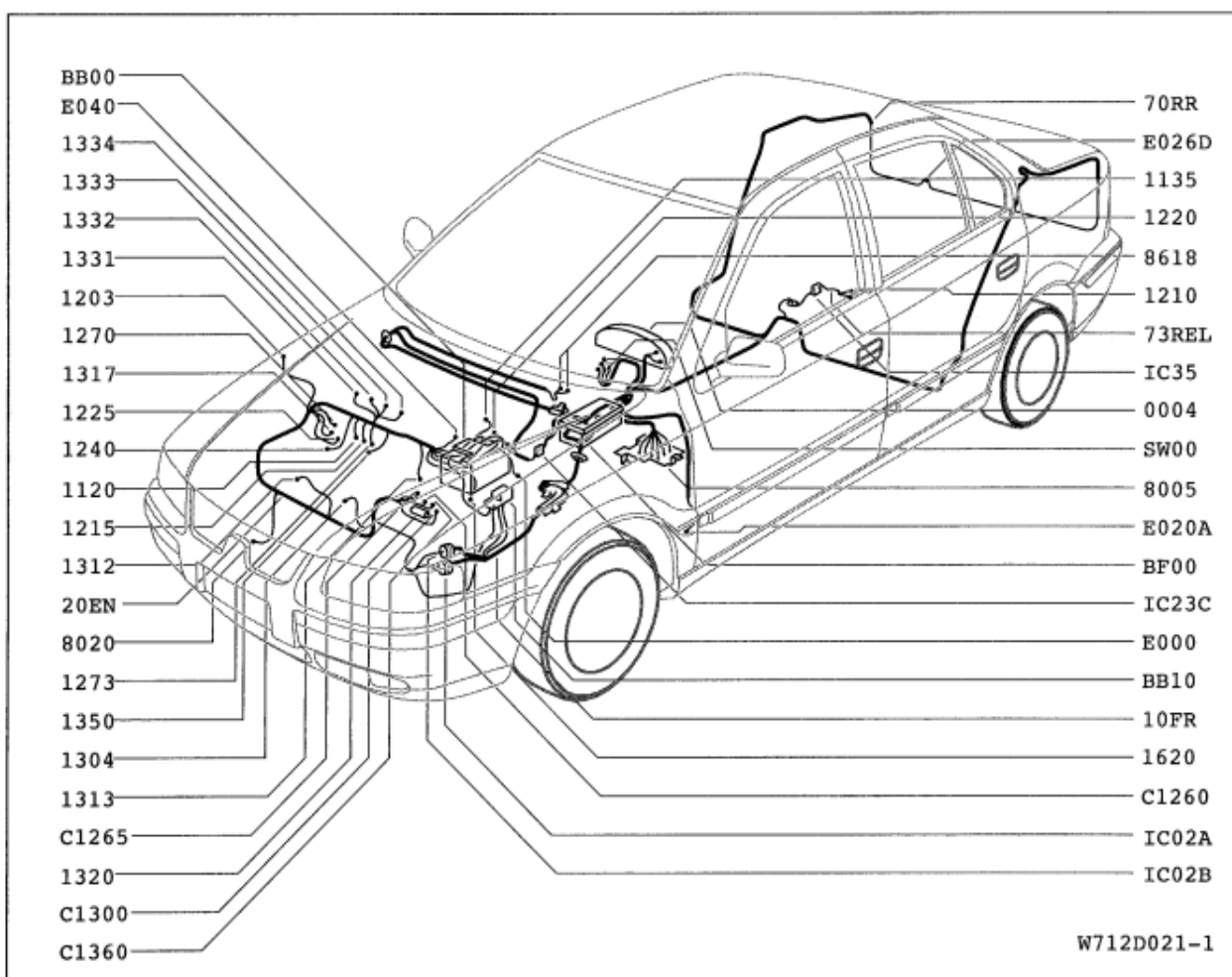
Front harness
Interconnector
FR-EN
2 pin
Brown



Colour codes

IC02C Engine harness Interconnector FR-EN 2 pin Brown		
SW00A Front harness Ignition switch (SW00) 2 pin Black		
SW00B Front harness Ignition switch (SW00) 2 pin Grey		

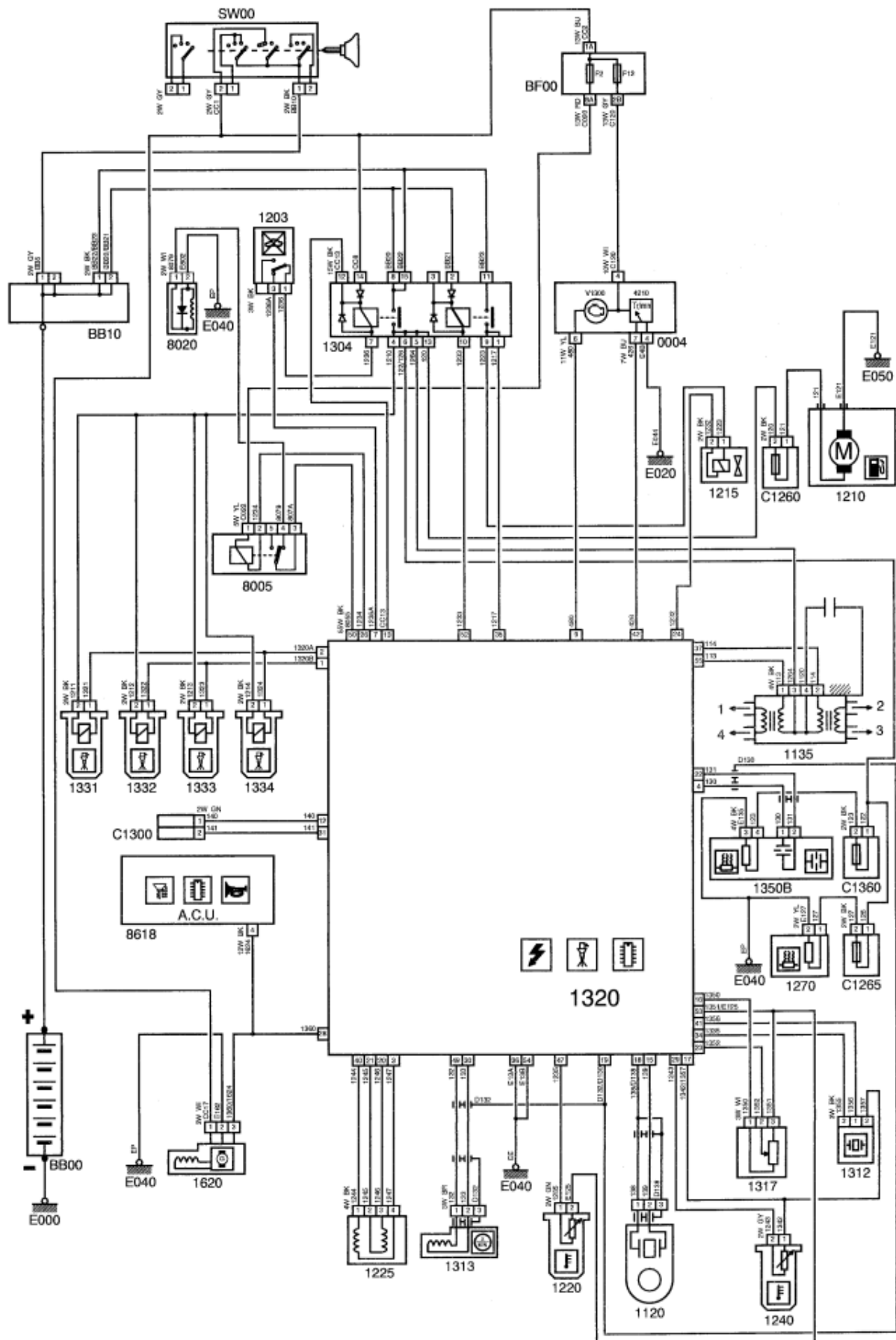
Injection system (Sagem XU7JP motor with oxygen sensor)



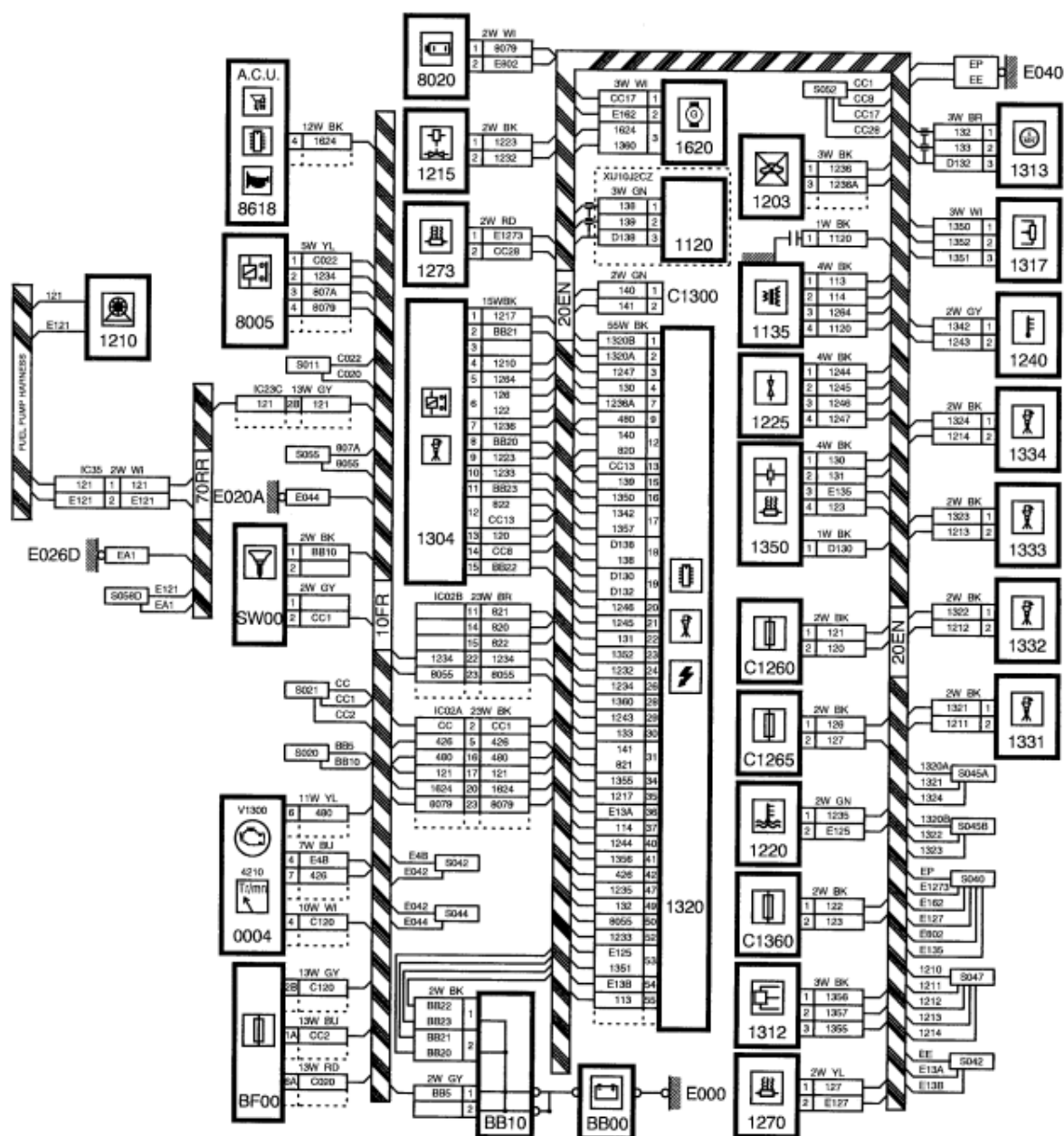
Component No.	Component Description	Connectors	Harness
0004	Instrument cluster V1300=Injection ignition test warning lamp, 4210=Tachometer	0004B, 0004C, 0004F	Front
1120	Knock detector (not used)	1120	Engine
1135	Ignition coil	1135	Engine
1203	Inertial switch	1203	Engine
1210	Fuel pump	1210	Fuel Pump
1215	Canister purge solenoid valve (Not used)	1215	Engine
1220	Coolant thermistor	1220	Engine
1225	Idling regulation stepper motor	1225	Engine
1240	Inlet air thermistor	1240	Engine
1270	Throttle housing heater resister	1270	Engine
1273	Oil vapor heater element (not used)	1273	Engine
1304	Multi-function duoble relay	1304	Engine
1312	Inlet manifold pressure sensor	1312	Engine
1313	Engine speed sensor	1313	Engine
1317	Injection potentiometer	1317	Engine
1320	E.C.U	1320	Engine
1331	Injector	1331	Engine
1332	Injector	1332	Engine
1333	Injector	1333	Engine
1334	Injector	1334	Engine
1350	Oxygen sensor	1350B,1350C	Engine
1620	Vehicle speed sensor	1620	Engine

Component Number	Component Description	Connectors	Harness
8005	Air conditioning compressor relay	8005	Front
8020	Air conditioning compressor	8020	Engine
8618	A.C.U.	8168B	Front
BB00	Battery		Front
BB10	Branch box	BB10,BB10B	Engine,Front
BF00	Fuse box (F2,F12)	BF00C,BF00H,BF00J	Front
C1260	Supply pump fuse holder	C1260	Engine
C1265	Throttle housing re-heating resister fuse holder	C1265	Engine
C1300	Injection ignition test connector	C1300	Engine
C1360	Oxygen sensor fuse holder	C1360	Engine
E000	Battery Earth point	Battery	Front
E020A	Earth point	Bottom LH-A post	Front
E040	Earth point	Engine	Engine
E026D	Earth point	Rear end Inner	Rear
Interconnector	Front to Engine harness,front to rear harnes, rear to fuel pump harness	IC02A,IC02B,IC23C,IC35	FR-EN,FR-RR,RR-REL
SW00	Ignition switch	SW00A,SW00B	Front

Schematic



W712D107

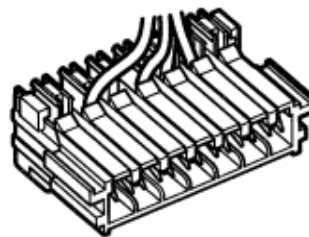
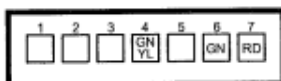


SAMAND
www.cargeek.ir

Colour codes

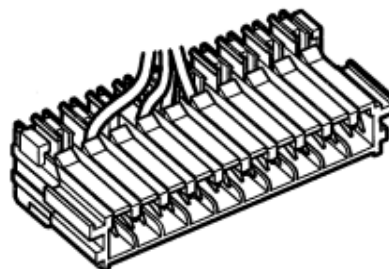
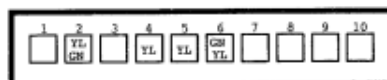
0004B

Front harness
Instrument cluster (0004)
7 pin
Blue



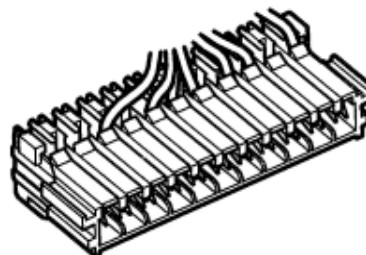
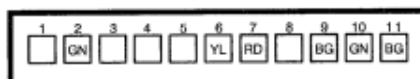
0004C

Front harness
Instrument cluster (0004)
10 pin
White



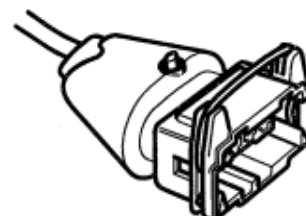
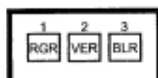
0004F

Front harness
Instrument cluster (0004)
11 pin
Yellow



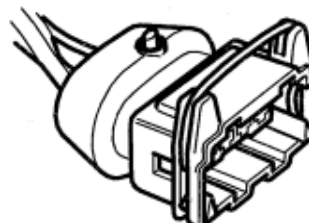
1120

Engine harness
Knock detector (Not used)
3 pin
Green



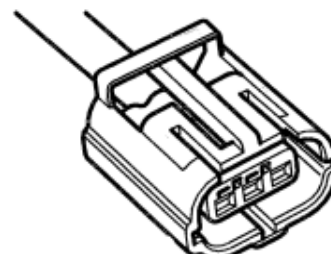
1135

Engine harness
Oxygen sensor
4 pin
Black

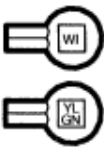
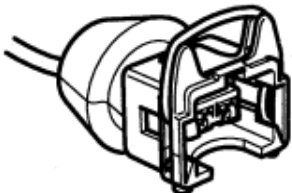
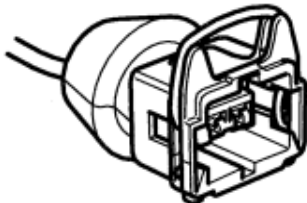
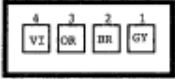
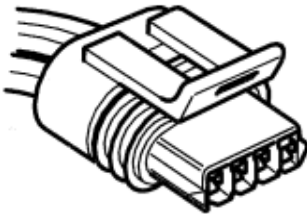
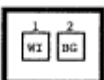
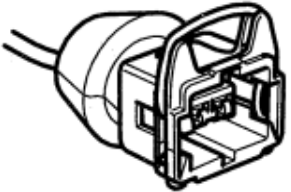
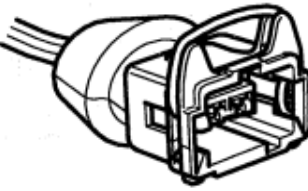


1203

Engine harness
Inertial switch
3 pin
Black



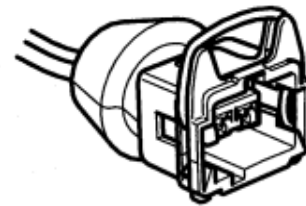
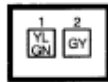
Colour codes

1210 Fuel Pump harness Fuel Pump 2 x 1 pin 	
1215 Engine harness Canister purge solenoid valve (Not used) 2 pin Black 	
1220 Engine harness Coolant thermistor 2 pin Green 	
1225 Engine harness Idling regulation stepper motor 4 pin Black 	
1240 Engine harness Inlet air thermistor 2 pin Grey 	
1270 Engine harness Throttle housing heater resistor 2 pin Yellow 	

Colour codes

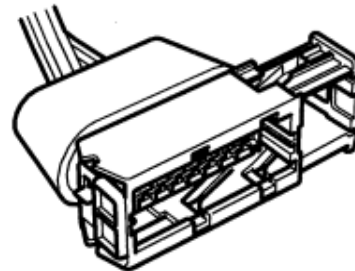
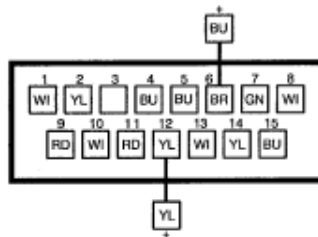
1273

Engine harness
Oil vapour heater element
2 pin
Red



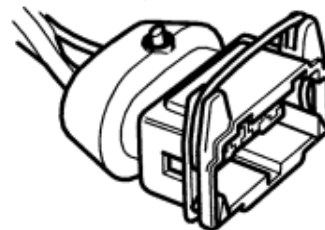
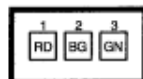
1304

Engine harness
Injection multi-function
double relay
15 pin
Black



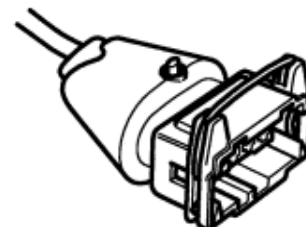
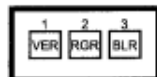
1312

Engine harness
Inlet manifold pressure sensor
3 pin
Black



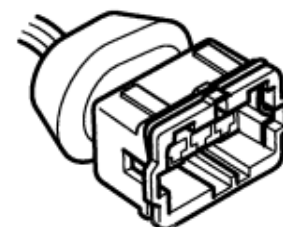
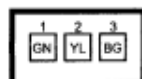
1313

Engine harness
Engine speed sensor
3 pin
Brown



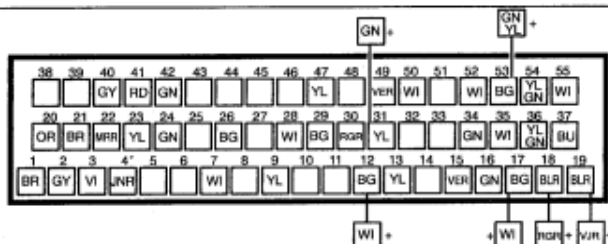
1317

Engine harness
Injection potentiometer
3 pin
White

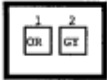
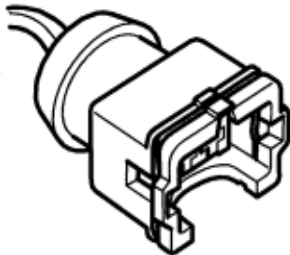
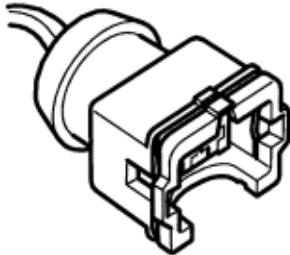
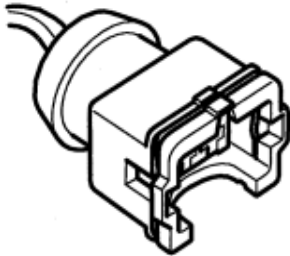
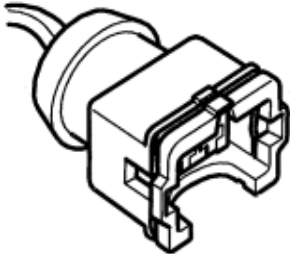
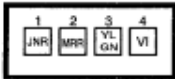
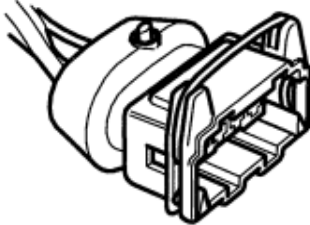
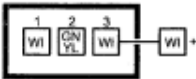
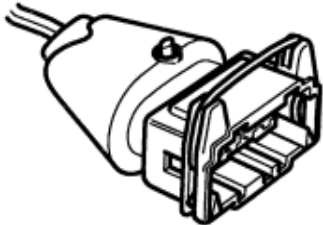


1320 (Sagem)

Engine harness
Ignition injection
control unit
55 pin
Black



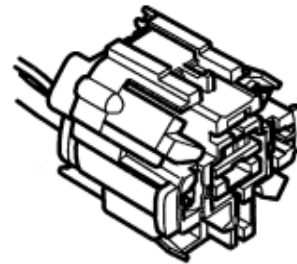
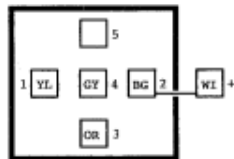
Colour codes

1331 Engine harness Injector cylinder 1 2 pin Black	 
1332 Engine harness Injector cylinder 2 2 pin Black	 
1333 Engine harness Injector cylinder 3 2 pin Black	 
1334 Engine harness Injector cylinder 4 2 pin Black	 
1350B Engine harness Oxygen sensor 4 pin Black	 
1620 Engine harness Vehicle speed sensor 3 pin White	 

Colour codes

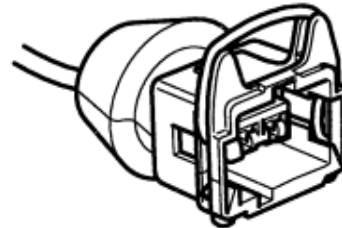
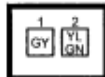
8005

Front harness
Air condition
compressor relay
5 pin
green



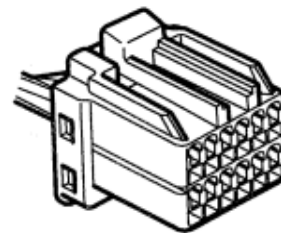
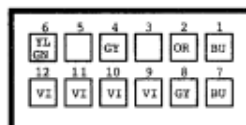
8020

Engine harness
Air conditioning
compressor
2 pin
White



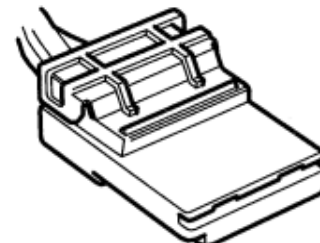
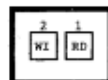
8618B

Front harness
A.C.U. (8618)
12 pin
Black



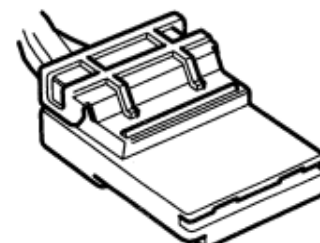
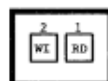
BB10B

Front harness
Branch box (BB10)
2 pin
Black



BB10B

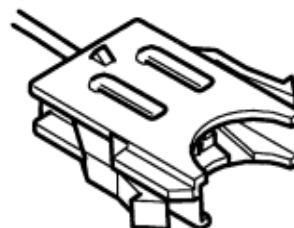
Front harness
Branch box (BB10)
2 pin
Black



Colour codes

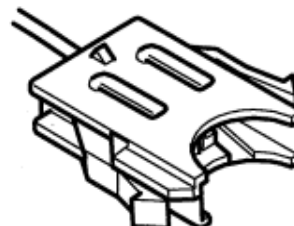
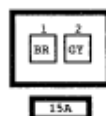
C1260

Engine harness
Supply pump fuse holder
2 pin
Black



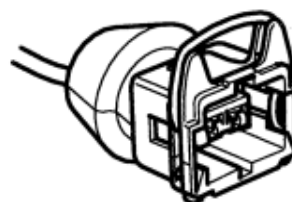
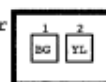
C1265

Engine harness
Throttle housing fuse holder
2 pin
Black



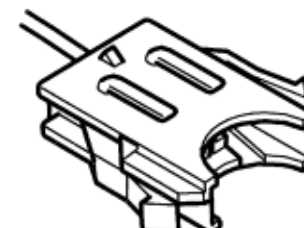
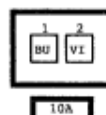
C1300

Engine harness
Injection ignition Test conector
2 pin
Green



C1360

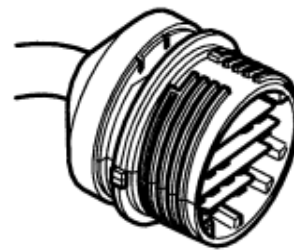
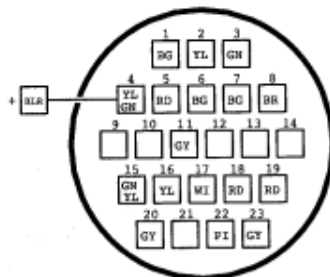
Engine harness
Oxygen Sensor fuse holder
2 pin
Black



Colour codes

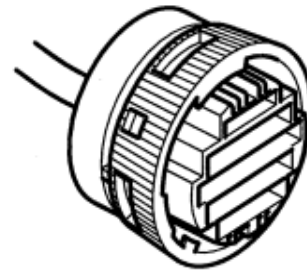
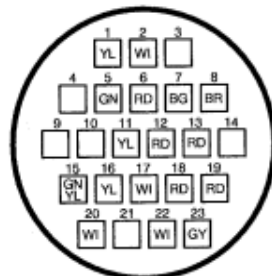
IC02A

Front harness
Interconnector
FR-EN
23 pin
Black



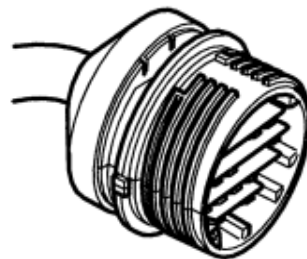
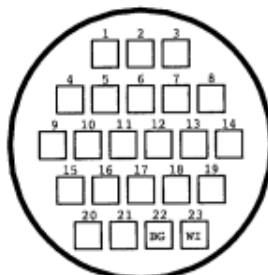
IC02A

Engine harness
Interconnector
FR-EN
23 pin
Black



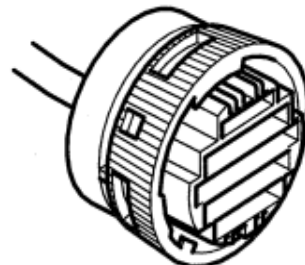
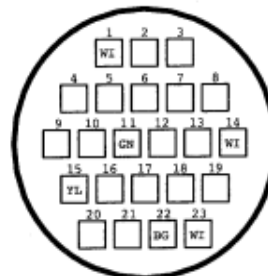
IC02B

Front harness
Interconnector
FR-EN
23 pin
Brown



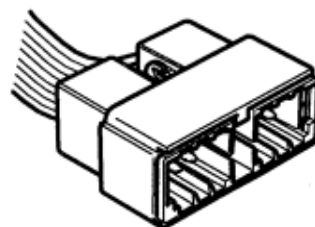
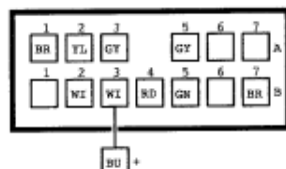
IC02B

Engine harness
Interconnector
FR-EN
23 pin
Brown



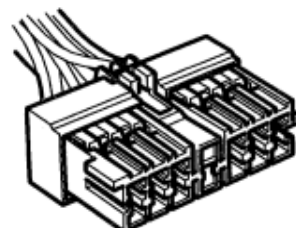
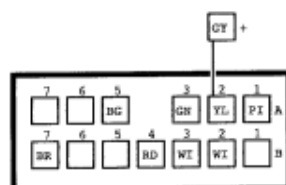
IC23C

Front harness
Interconnector
FR-RR
13 pin
Grey



IC23C

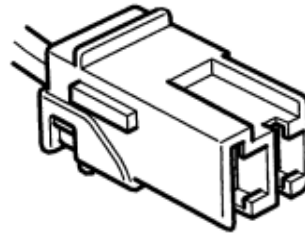
Rear harness
Interconnector
FR-RR
13 pin
Grey



Colour codes

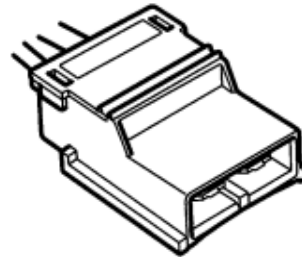
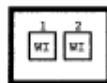
IC35

Rear harness
Intrconnector
RR-REL
2 pin
White



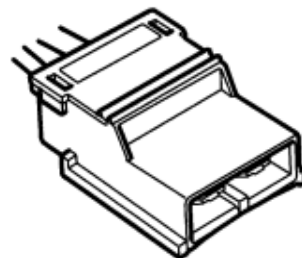
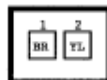
SW00A

Front harness
Ignition switch (SW00)
2 pin
Black

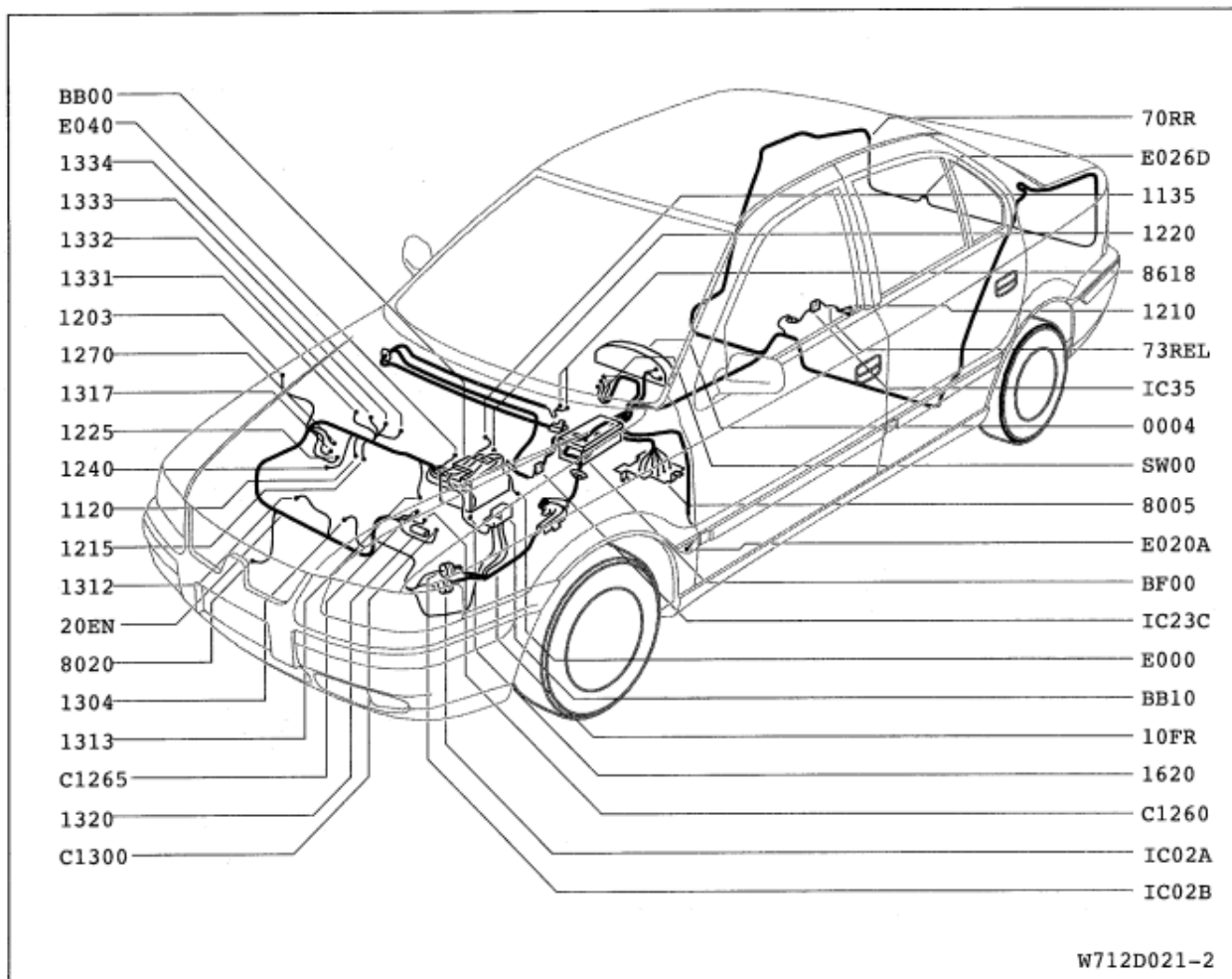


SW00B

Front harness
Ignition switch (SW00)
2 pin
Grey



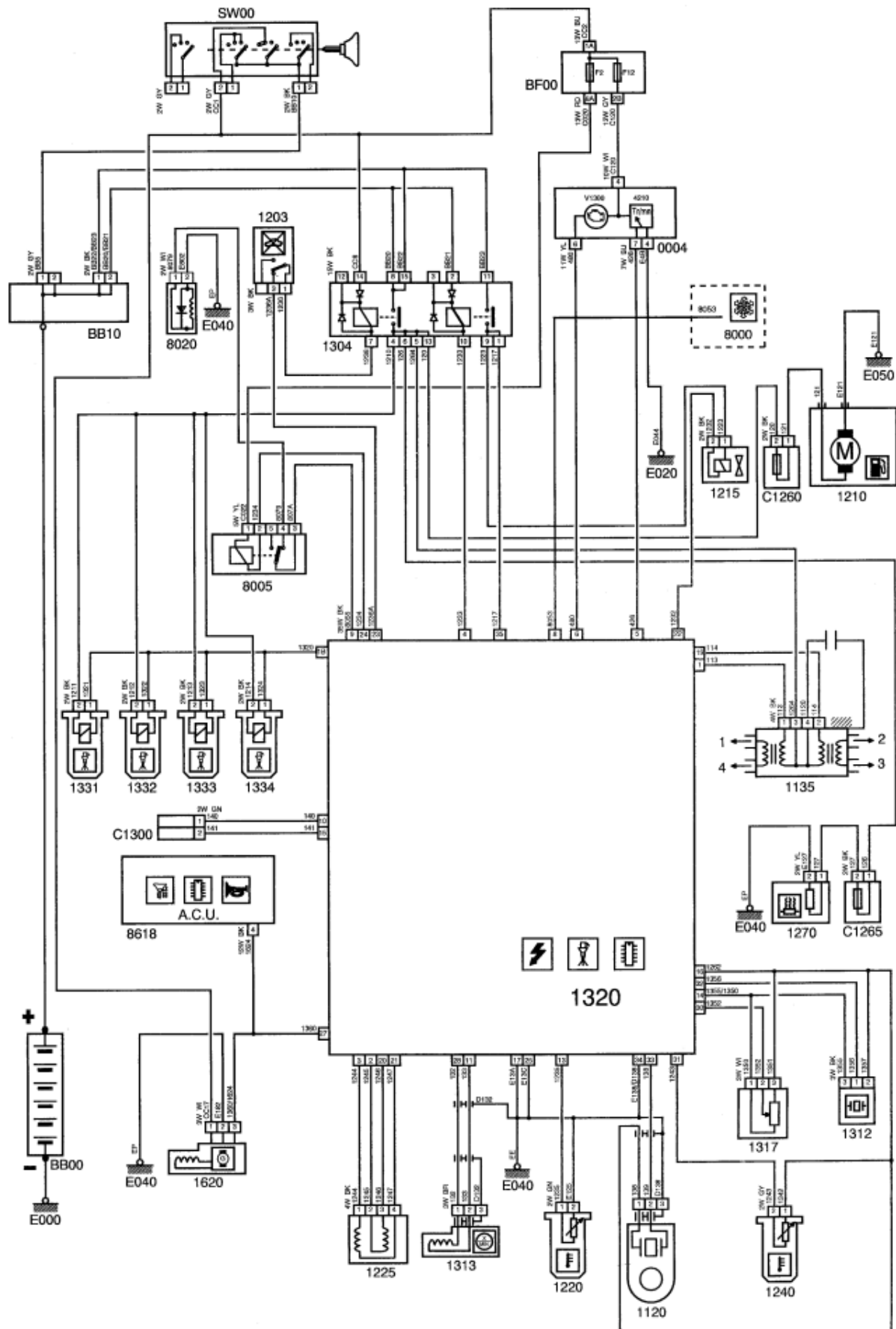
Injection system (Sagem XU7JP motor without oxygen sensor)



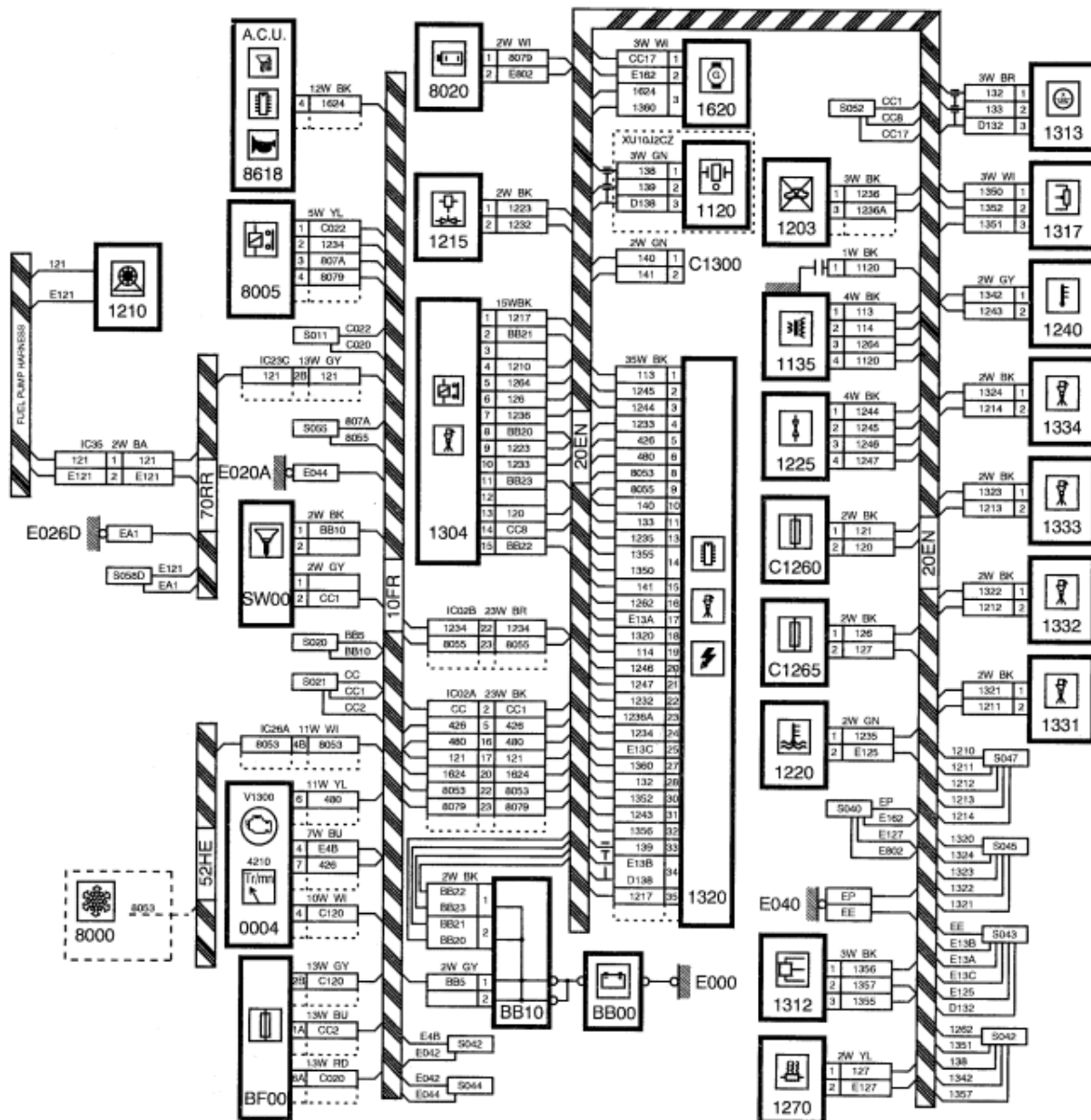
Component Number	Component Description	Connectors	Harness
0004	Instrument cluster V1300=Injection ignition test warning lamp, 4210=tachometer	0004B, 0004C, 0004F	Front
1120	Knock detector (Not used)	1120	Engine
1135	Ignition coil	1135	Engine
1203	Inertial switch	1203	Engine
1210	Fuel pump	1210	Fuel pump
1215	Canister purge solenoid valve (Not used)	1215	Engine
1220	Coolant thermistor	1220	Engine
1225	Idling regulation stepper motor	1225	Engine
1240	Inlet air thermistor	1240	Engine
1270	Throttle housing heater resistor	1270	Engine
1304	Multi-function double relay	1304	Engine
1312	Inlet manifold pressure sensor	1312	Engine
1313	Engine speed sensor	1313	Engine
1317	Injection potentiometer	1317	Engine
1320	E.C.U.	1320	Engine
1331	Injector	1331	Engine
1332	Injector	1332	Engine
1333	Injector	1333	Engine
1334	Injector	1334	Engine
1620	Vehicle speed sensor	1620	Engine

Component Number	Component Description	Connectors	Harness
8005	Air conditioning compressor relay	8005	Front
8020	Air conditioning compressor	8020	Engine
8618	A.C.U.	8168B	Front
BB00	Battery		Front
BB10	Branch box	BB10,BB10B	Engine,Front
BF00	Fuse box (F2,F12)	BF00C,BF00H,BF00J	Front
C1260	Supply pump fuse holder	C1260	Engine
C1265	Throttle housing re-heating resistor fuse holder	C1265	Engine
C1300	Injection ignition test connector	C1300	Engine
E000	Battery Earth point	Battery	Front
E020A	Earth point	Bottom LH-A post	Front
E040	Earth point	Engine	Engine
E026D	Earth point	Rear end Inner	Rear
Interconnector	Front to Engine harness,front to rear harness, Rear to fuel pump harness	IC02A,IC02B,IC23C,IC35	FR-EN,FR-RR,RR-REL
SW00	Ignition switch	SW00A,SW00B	Front

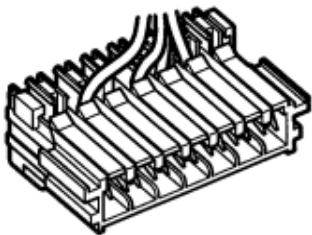
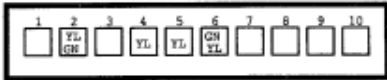
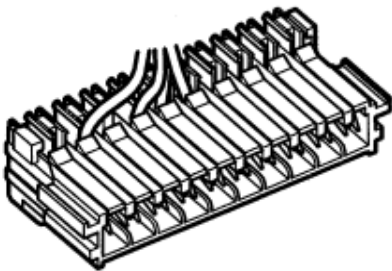
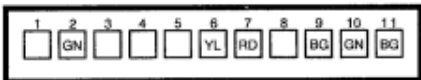
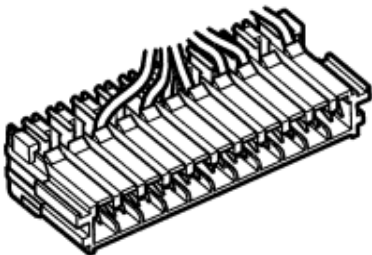
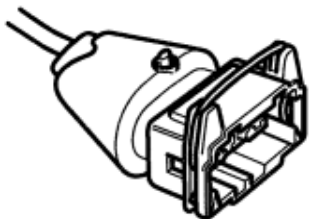
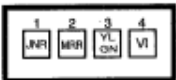
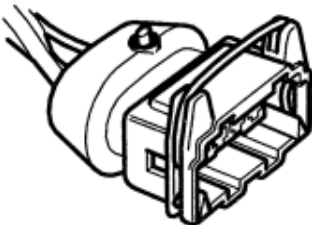
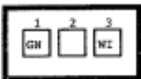
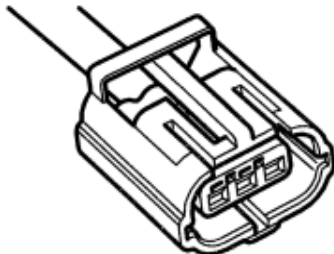
Schematic



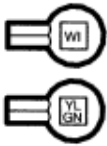
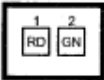
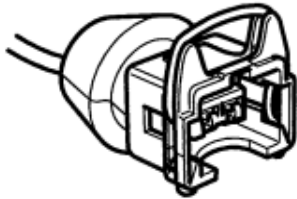
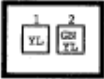
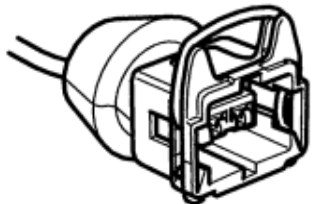
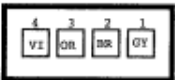
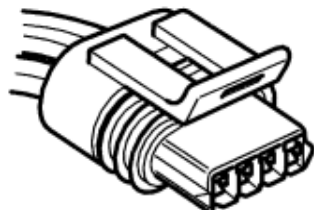
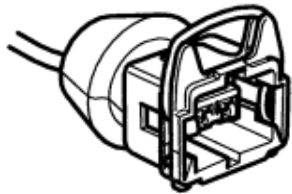
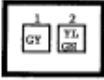
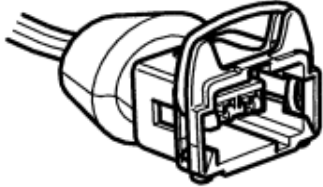
Circuit



Colour codes

0004B Front harness Instrument cluster (0004) 7 pin Blue 	
0004C Front harness Instrument cluster (0004) 10 pin White 	
0004F Front harness Instrument cluster (0004) 11 pin Yellow 	
1120 Engine harness Knock detector (Not used) 3 pin Green 	
1135 Engine harness Oxygen sensor 4 pin Black 	
1203 Engine harness Inertial switch 3 pin Black 	

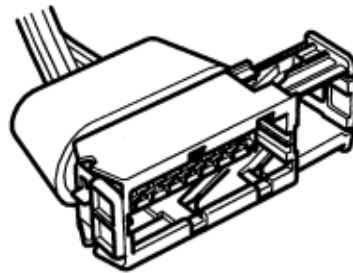
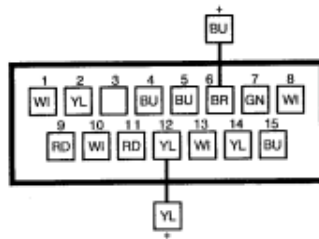
Colour codes

1210 Fuel Pump harness Fuel Pump 2 x 1 pin		
1215 Engine harness Canister purge solenoid valve (Not used) 2 pin Black		
1220 Engine harness Coolant thermistor 2 pin Green		
1225 Engine harness Idling regulation stepper motor 4 pin Black		
1240 Engine harness Inlet air thermistor 2 pin Grey		
1270 Engine harness Throttle housing heater resistor 2 pin Yellow		

Colour codes

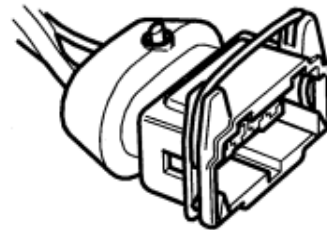
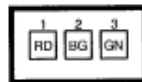
1304

Engine harness
Injection multi-function
double relay
15 pin
Black



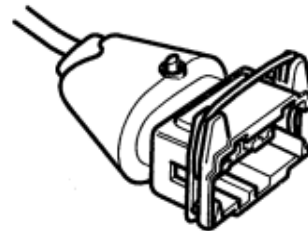
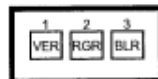
1312

Engine harness
Inlet manifold pressure sensor
3 pin
Black



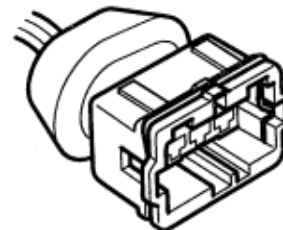
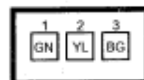
1313

Engine harness
Engine speed sensor
3 pin
Brown



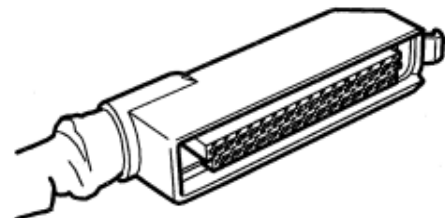
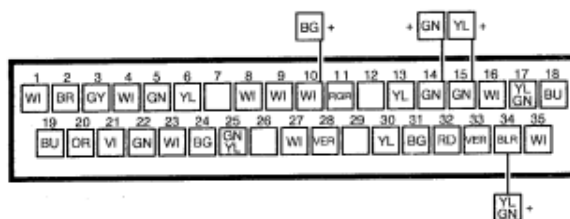
1317

Engine harness
Injection potentiometer
3 pin
White



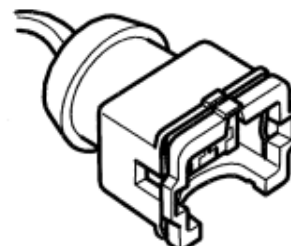
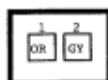
1320 (MM)

Engine harness
Ignition injection
control unit
55 pin
Black

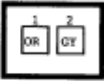
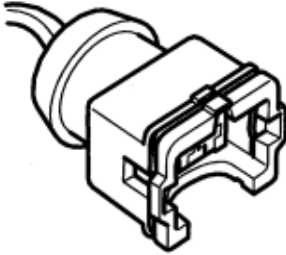
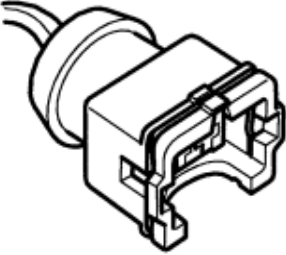
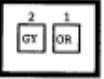
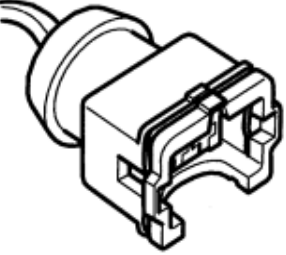
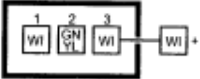
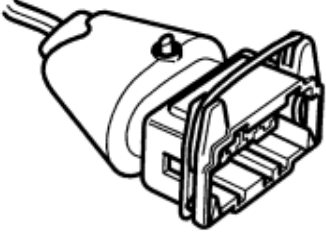
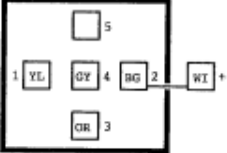
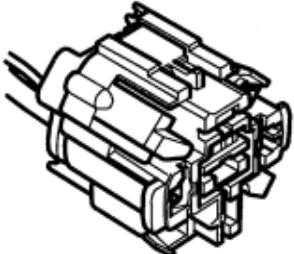
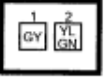
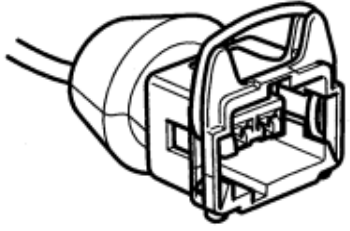


1331

Engine harness
Injector cylinder 1
2 pin
Black



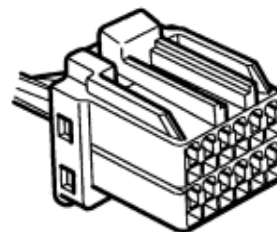
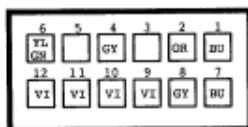
Colour codes

1332 Engine harness Injector cylinder 2 2 pin Black 	
1333 Engine harness Injector cylinder 3 2 pin Black 	
1334 Engine harness Injector cylinder 4 2 pin Black 	
1620 Engine harness Vehicle speed sensor 3 pin White 	
8005 Front harness Air condition compressor relay 5 pin green 	
8020 Engine harness Air conditioning compressor 2 pin White 	

Colour codes

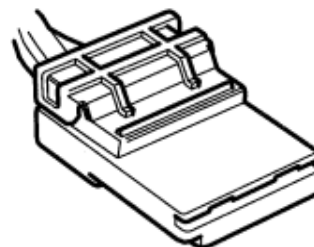
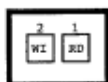
8618B

Front harness
A.C.U. (8618)
12 pin
Black



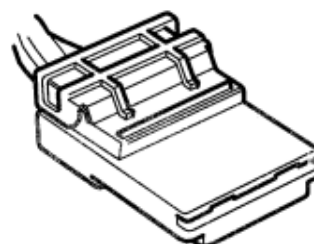
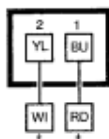
BB10B

Front harness
Branch box (BB10)
2 pin
Black



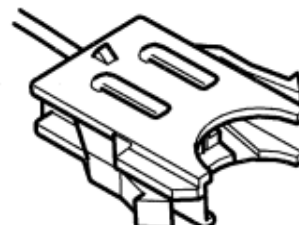
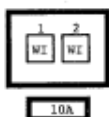
BB10

Engine harness
Branch box
2 pin
Black



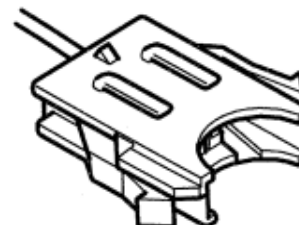
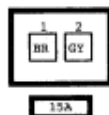
C1260

Engine harness
Supply pump fuse holder
2 pin
Black



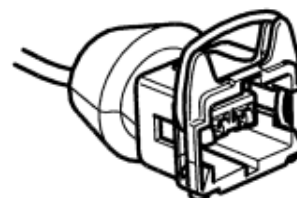
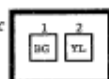
C1265

Engine harness
Throttle housing fuse holder
2 pin
Black



C1300

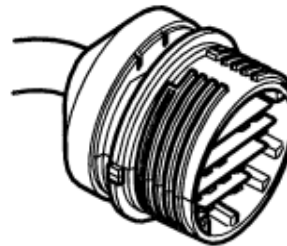
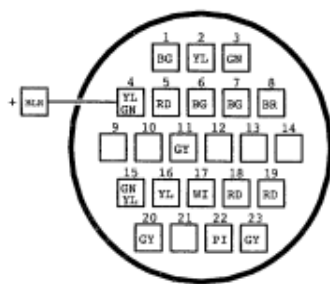
Engine harness
Injection ignition Test conector
2 pin
Green



Colour codes

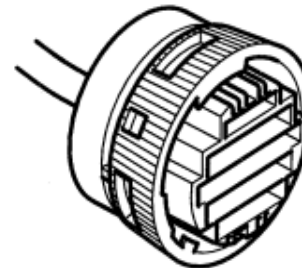
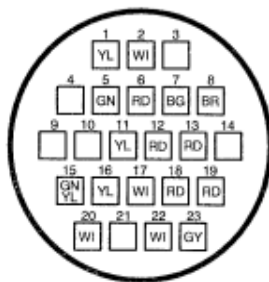
IC02A

Front harness
Interconnector
FR-EN
23 pin
Black



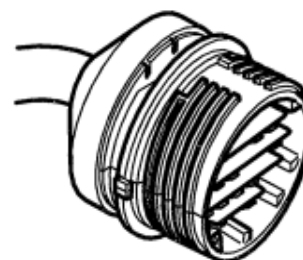
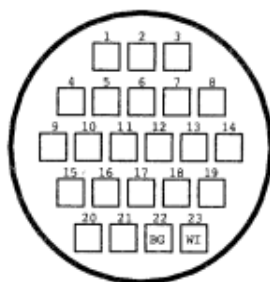
IC02A

Engine harness
Interconnector
FR-EN
23 pin
Black



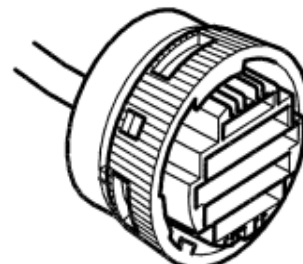
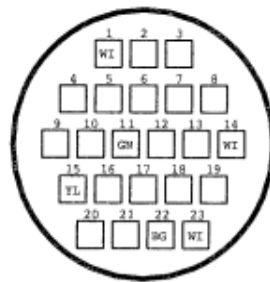
IC02B

Front harness
Interconnector
FR-EN
23 pin
Brown



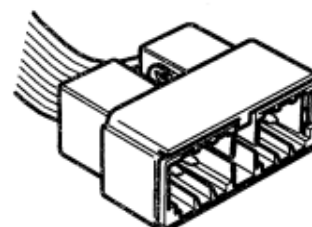
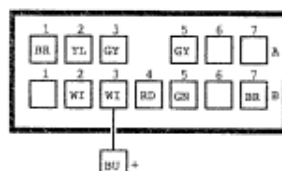
IC02B

Engine harness
Interconnector
FR-EN
23 pin
Brown



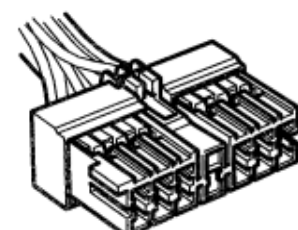
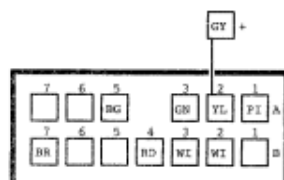
IC23C

Front harness
Interconnector
FR-RR
13 pin
Grey

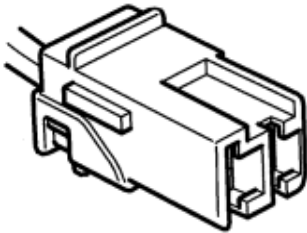
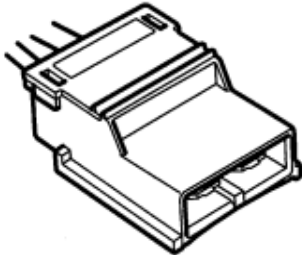
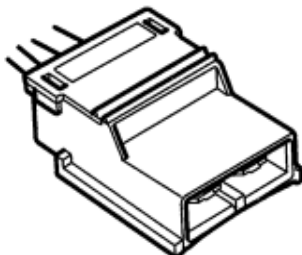


IC23C

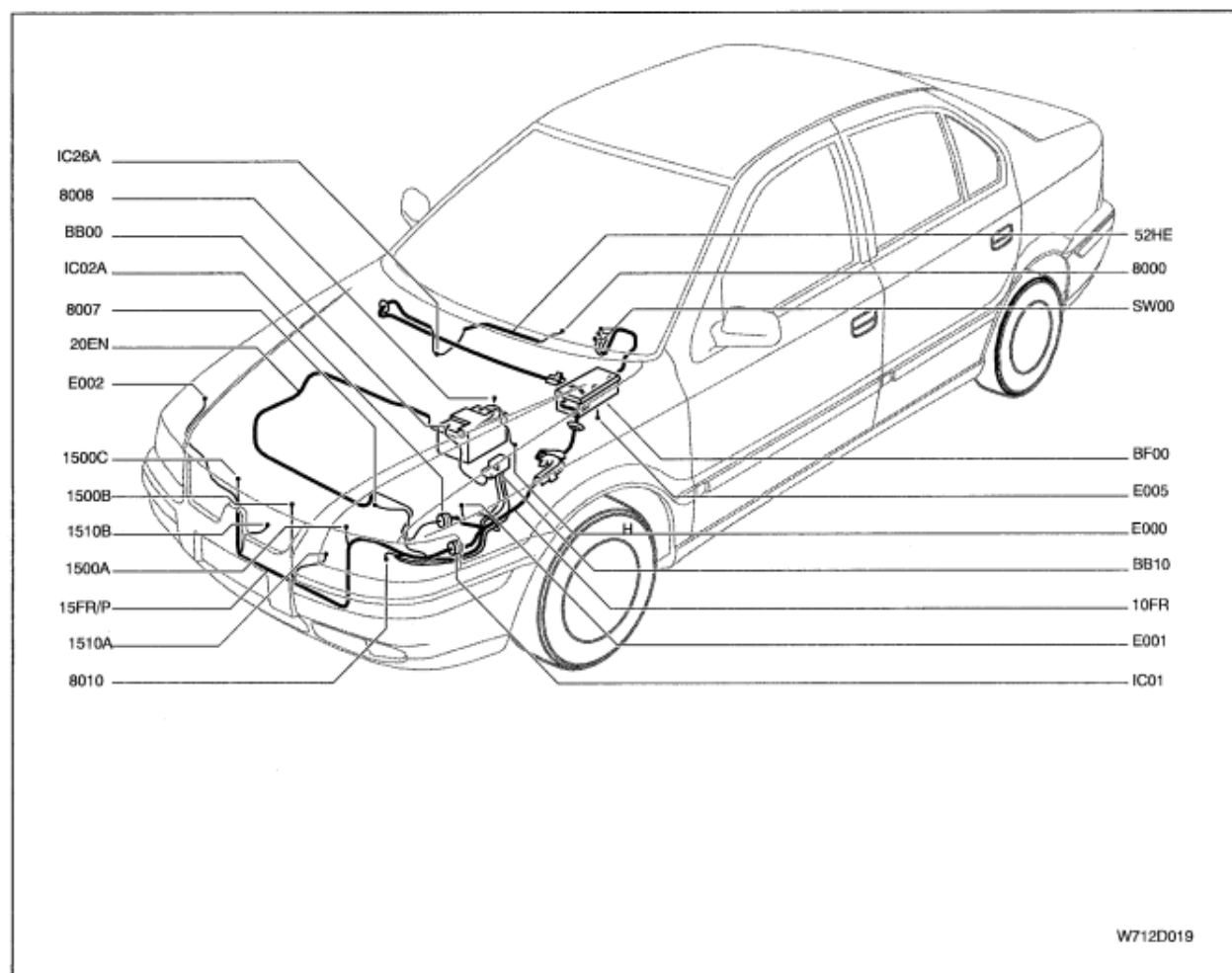
Rear harness
Interconnector
FR-RR
13 pin
Grey



Colour codes

IC35 Rear harness Intrconnector RR-REL 2 pin White	
SW00A Front harness Ignition switch (SW00) 2 pin Black	
SW00B Front harness Ignition switch (SW00) 2 pin Grey	

Engine cooling system (Air conditioning)



W712D019

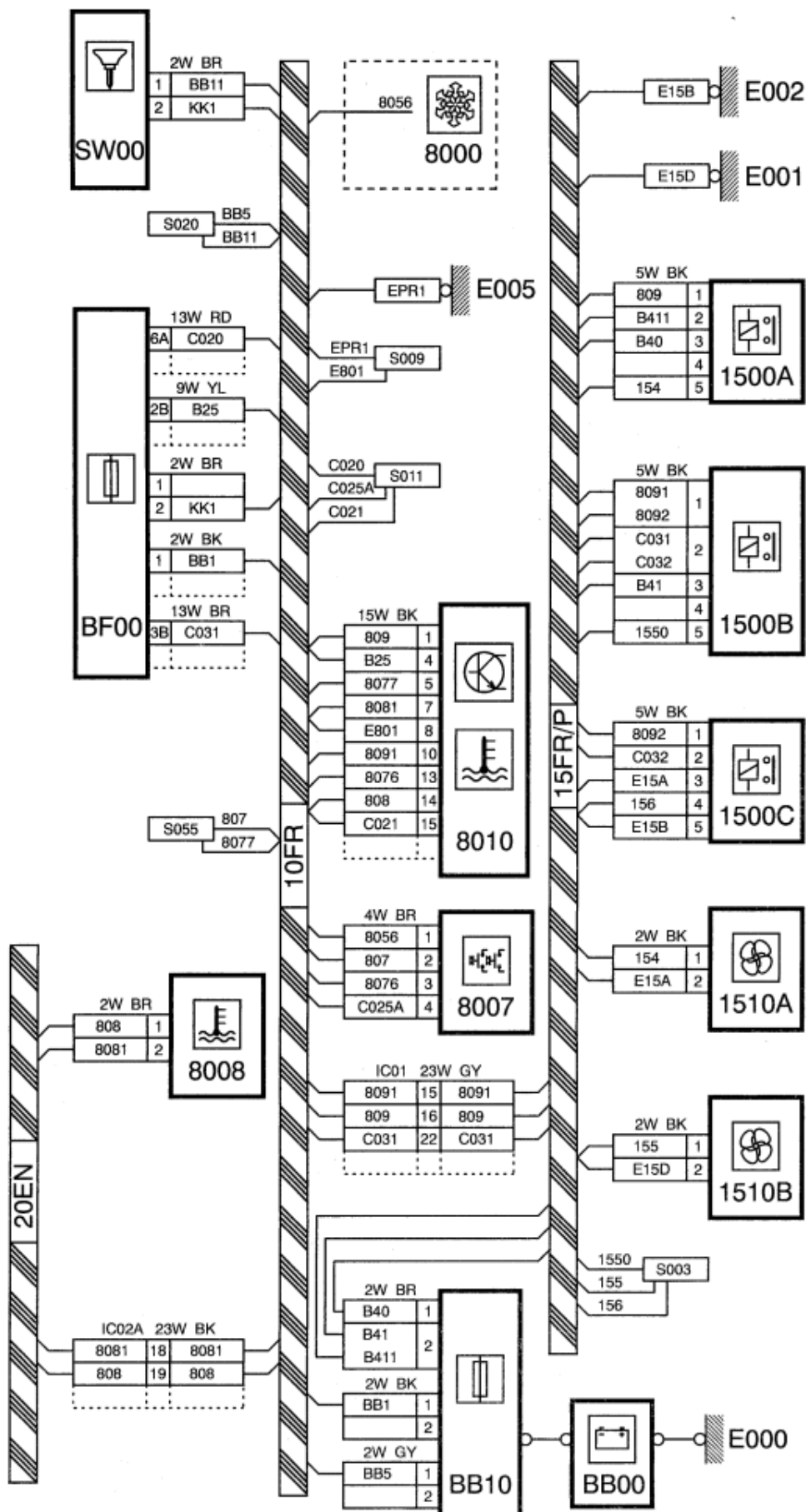
Component Number	Component Description	Connectors	Harness
1500A	Fan relay A	1500A	Front panel
1500B	Fan relay B	1500B	Front panel
1500C	Fan relay C	1500C	Front panel
1510A	LH Fan	1510A	Front panel
1510B	RH Fan	1510B	Front panel
8000	Air conditioning switch (Heater panel)	8025	Heater
8007	Pressostat	8007	Front
8008	Air conditioning engine coolant temperature thermistor	8008	Engine
8010	Electrronic box temperature unit	8010	Front
BB00	Battery		Front
BB10	Branch box (F31,F32)	BB10A,BB10B,BB10	Front,Front panel
BF00	Fuse box (F2,F5,F25)	BF00B,BF00E,BF00F,BF00G,BF00H	Front
E000	Battery Earth point	Battery	Front
E001	Earth point	Front LH inner Fender-engine bay	Front panel
E002	Earth point	Front RH inner Fender-engine bay	Front panel
E005	Earth point	LH side Plenum chamber	Front
Interconnector	Front to Front panel harness	IC01	FR-FR/P
Interconnector	Front to Engine harness	IC02A	FR-EN
SW00	Ignition switch	SW00C	Front

The diagram illustrates the electrical architecture of the Space Shuttle Challenger, showing the flow of power from the main battery (BB00) through various subsystems. Key components include:

- Main Battery (BB00):** The primary power source, connected to the main bus (BB10) and the auxiliary bus (BB01).
- Main Bus (BB10):** Distributes power to various subsystems, including the main engine (1500A), auxiliary engine (1500B), and the main engine control system (1500C).
- Subsystems:**
 - 1500A (Main Engine):** The main engine, which is the primary power source for the shuttle.
 - 1500B (Auxiliary Engine):** The auxiliary engine, which provides additional power.
 - 1500C (Main Engine Control System):** The control system for the main engine, which monitors and controls its operation.
 - 8000 (Main Engine Control System):** The control system for the main engine, which monitors and controls its operation.
 - 8001 (Main Engine Control System):** The control system for the main engine, which monitors and controls its operation.
 - 8007 (Main Engine Control System):** The control system for the main engine, which monitors and controls its operation.
 - 8008 (Main Engine Control System):** The control system for the main engine, which monitors and controls its operation.
- Other Components:** The diagram also shows various other components, including switches, relays, and sensors, each labeled with a part number and a functional description.

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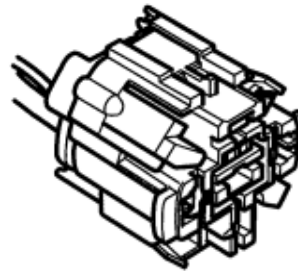
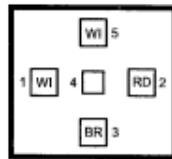
Circuit



Colour codes

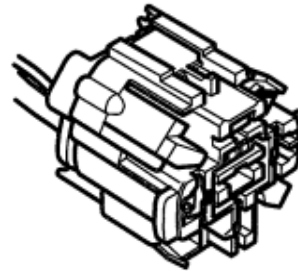
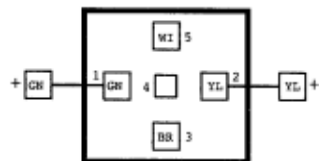
1500A

Front panel harness
Fan relay
5 pin
Black



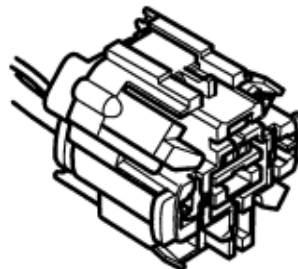
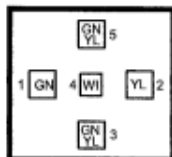
1500B

Front panel harness
Fan relay
5 pin
Black



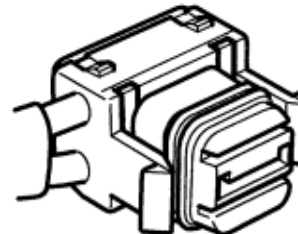
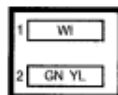
1500C

Front panel harness
Fan relay
5 pin
Black



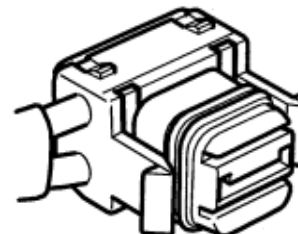
1510A

Front panel harness
Fan
2 pin
Black



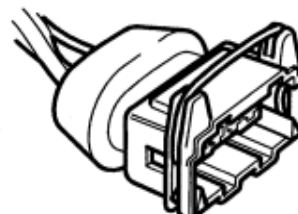
1510B

Front panel harness
Fan
2 pin
Black



8007

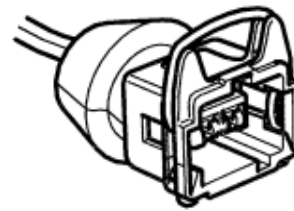
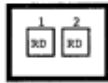
Front harness
Pressostat
4 pin
Brown



Colour codes

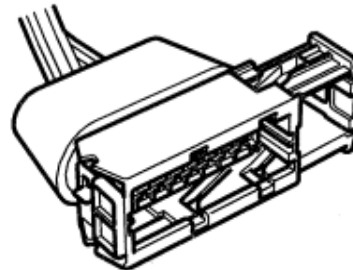
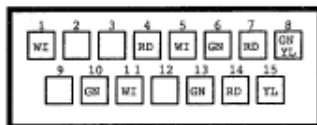
8008

Engine harness
Air conditioning engine
coolant temperature
thermistor
2 pin
Brown



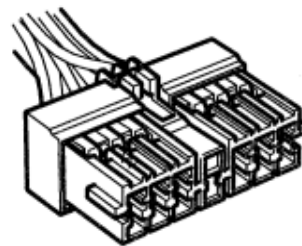
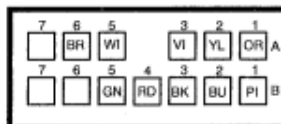
8010

Front harness
Electronic box
Temperature unit
15 pin
Black



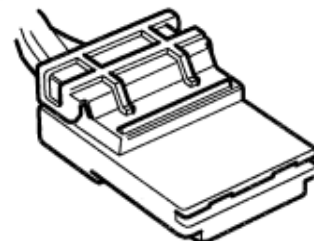
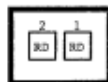
8025

Heater harness
Heater panel
13 pin
Black



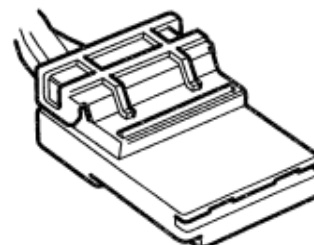
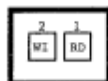
BB10A

Front harness
Branch box (BB10)
2 pin
Black



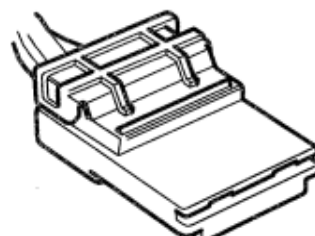
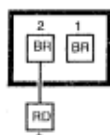
BB10B

Front harness
Branch box (BB10)
2 pin
Black



BB10

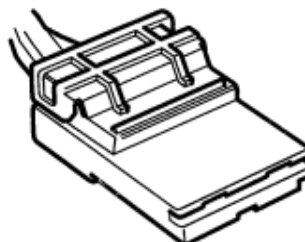
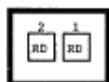
Front panel harness
Branch box
2 pin
Black



Colour codes

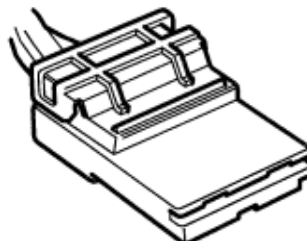
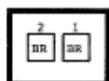
BF00E

Front harness
Fuse box (BF00)
2 pin
Black



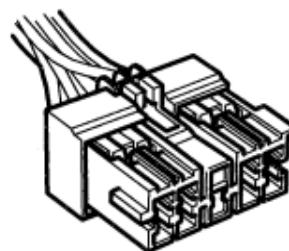
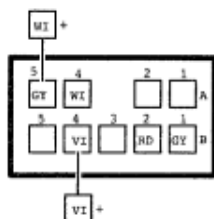
BF00F

Front harness
Fuse box (BF00)
2 pin
Brown



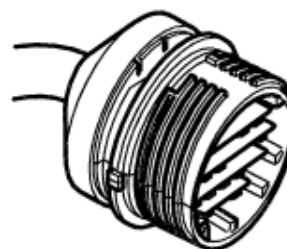
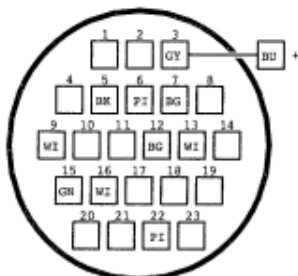
BF00G

Front harness
Fuse box (BF00)
9 pin
Yellow



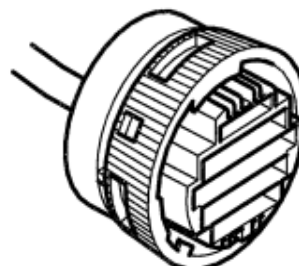
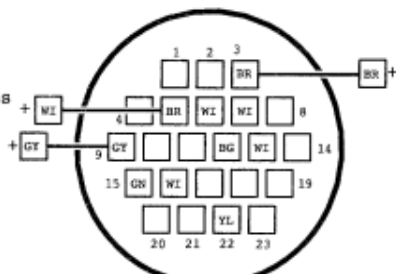
IC01

Front harness
Interconnector
FR/P-FR
23 pin
Grey



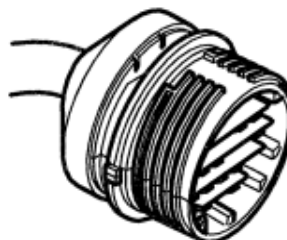
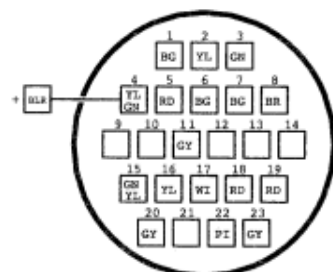
IC01

Front panel harness
Interconnector
FR/P-FR
23 pin
Grey



IC02A

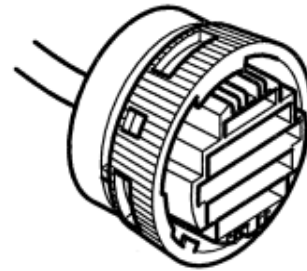
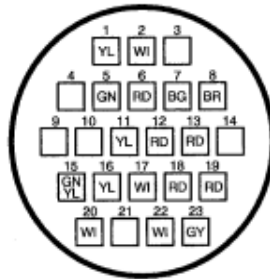
Front harness
Interconnector
FR-EN
23 pin
Black



Colour codes

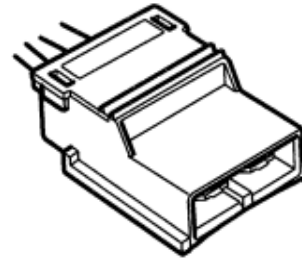
IC02A

Engine harness
Interconnector
FR-EN
23 pin
Black



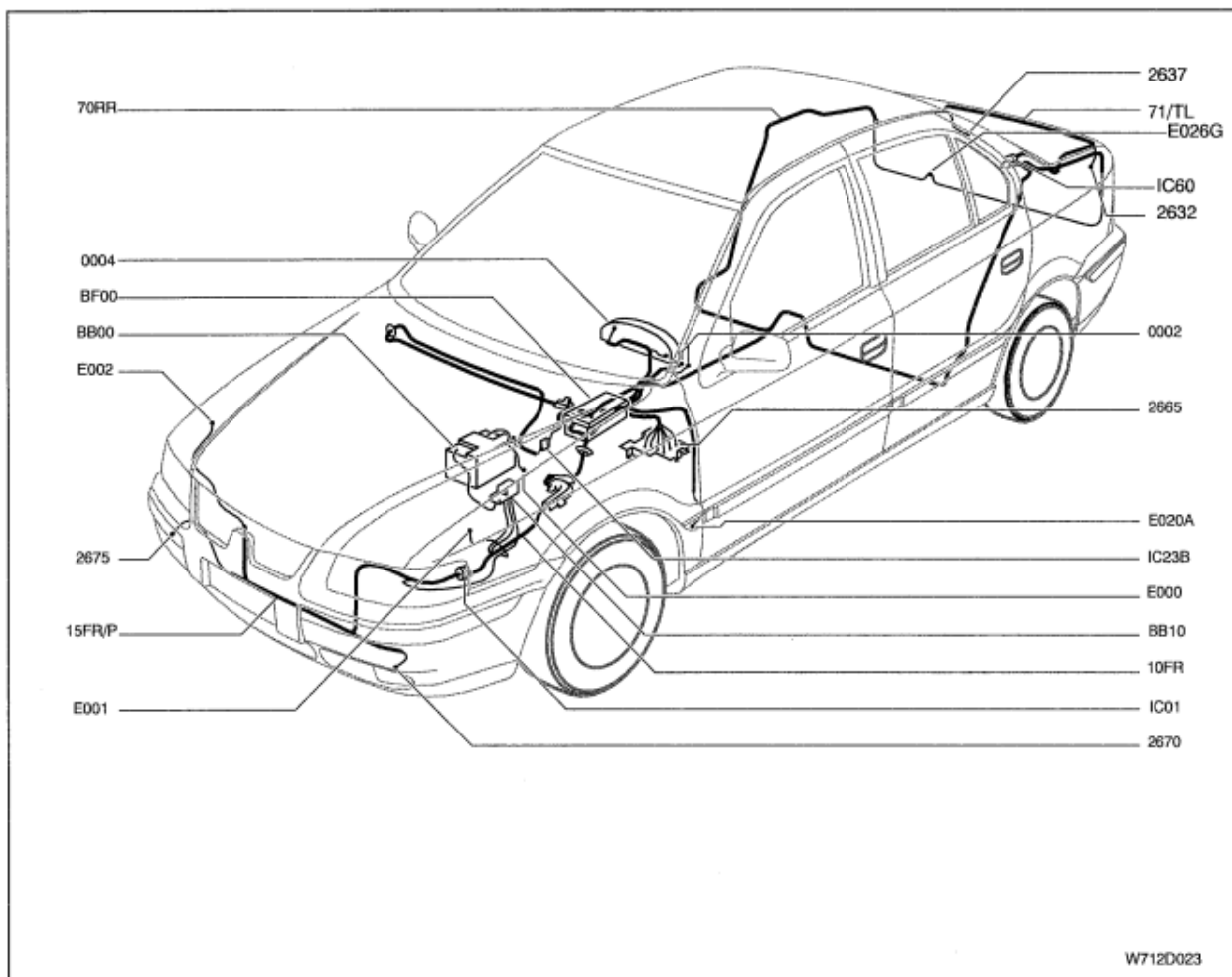
SW00C

Front harness
Ignition switch (SW00)
2 pin
Brown



Lighting and Signaling

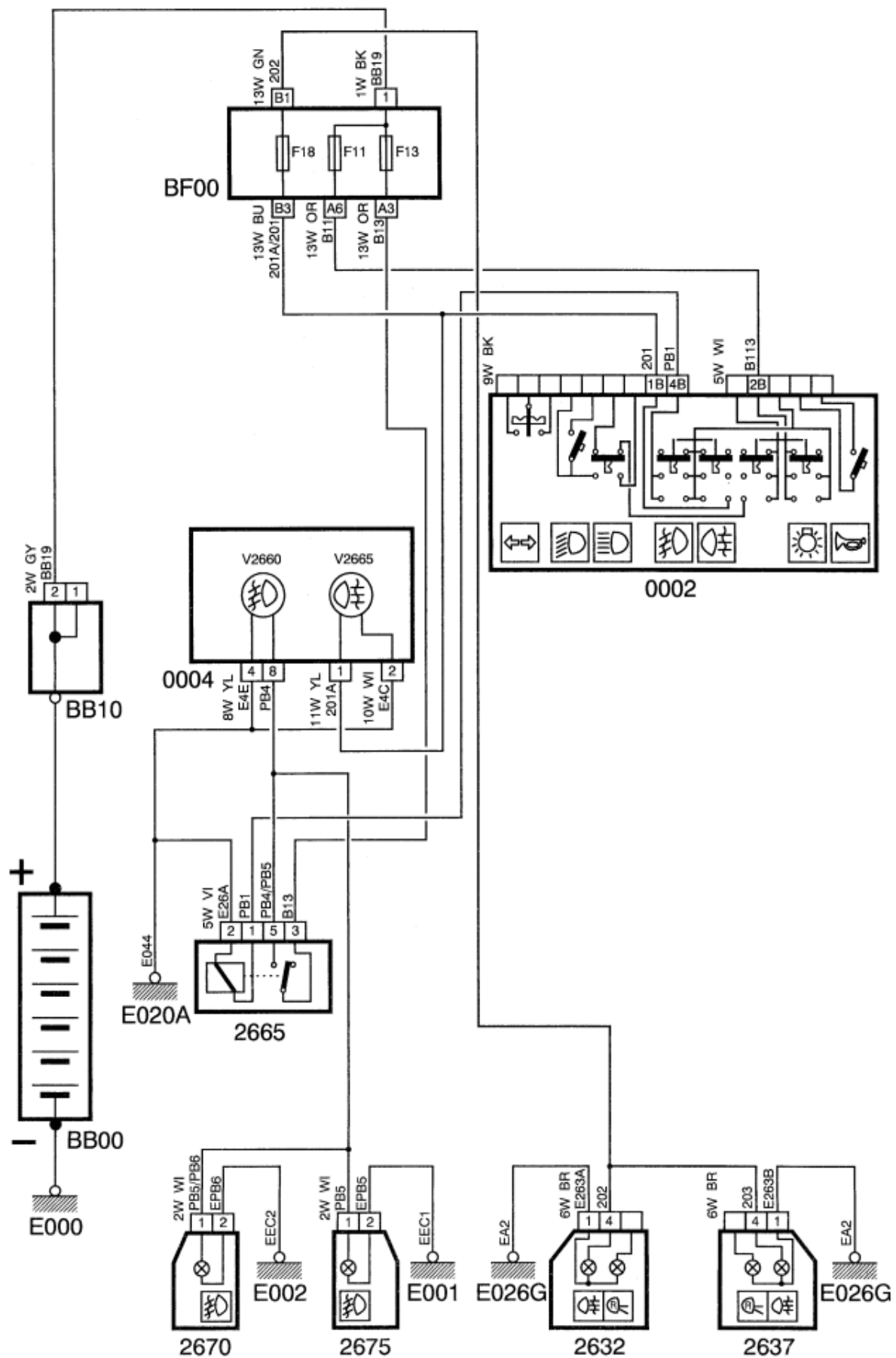
Front fog lamps and Rear fog lamps



W712D023

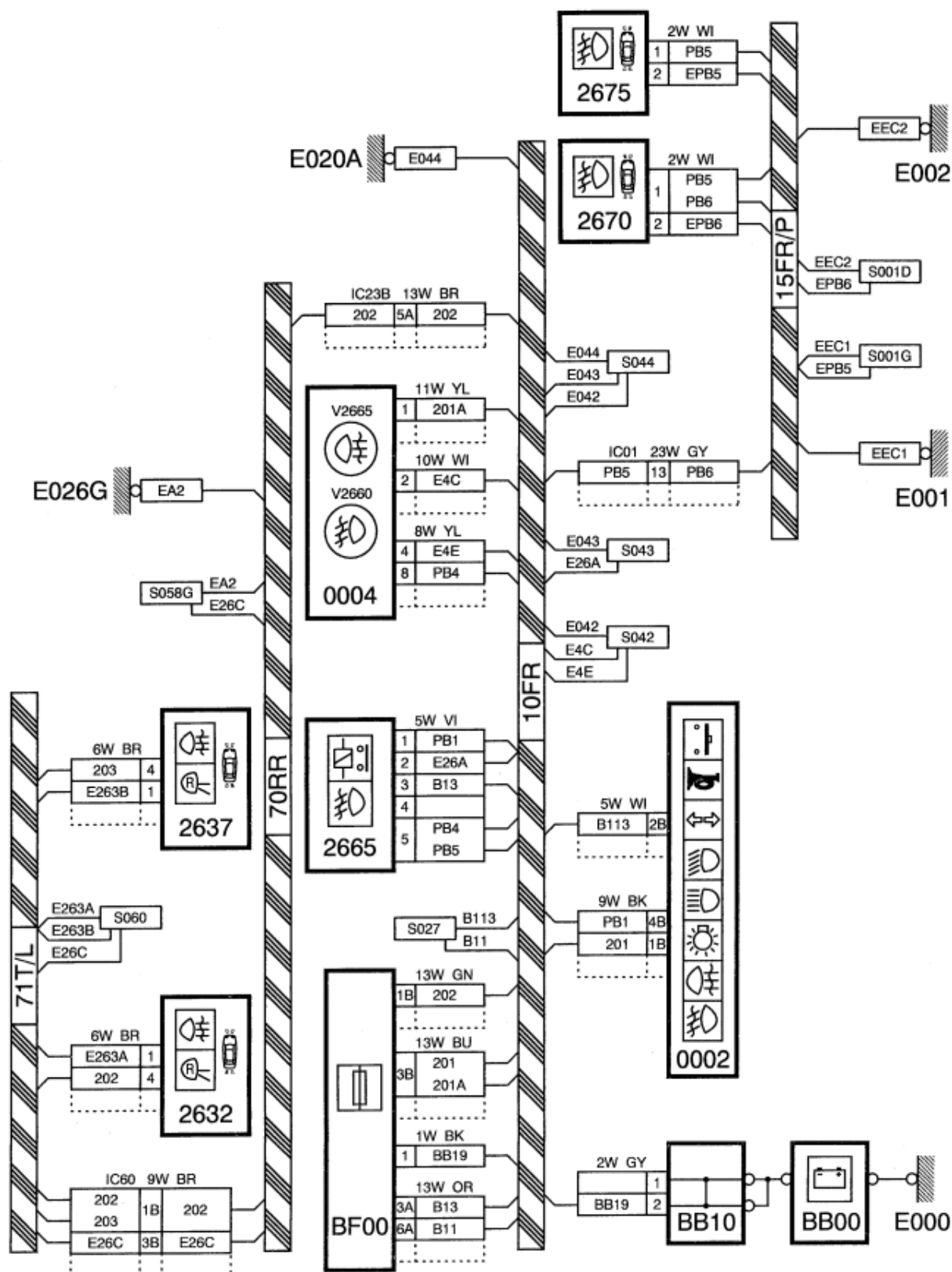
Component Number	Component Description	Connectors	Harness
0002	Lighting and signaling switch	2600A,2600B	Front
0004	Instrument cluster	0004A,0004C,0004E	Front
	V2660=Front fog lamp warning lamp		
	V2665=Rear fog lamp warning lamp		
2632	Trunk lid tail lamp (LH)	2632	Trunk lid
2637	Trunk lid tail lamp (RH)	2637	Trunk lid
2665	Front fog lamp relay	2665	Front
2670	LH Front fog lamp	2670	Front panel
2675	RH Front fog lamp	2675	Front panel
BB00	Battery		Front
BB10	Branch box	BB10B	Front
BF00	Fuse box (F11,F13,F18)	BF00A,BF00D,BF00I,BF00J	Front
E000	Battery Earth point	Battery	Front
E001	Earth point	Front LH inner fender-engine bay	Front panel
E002	Earth point	Front RH inner fender-engine bay	Front panel
E020A	Earth point	Bottom LH-A post	Front
E026G	Earth point	Rear panel inner-Boot	Rear
Interconnector	Front to front panel harness,Front to rear harness	IC01, IC23B,IC60	FR-FR/P,RF-RR,TL-RR

Schematic



W712D113

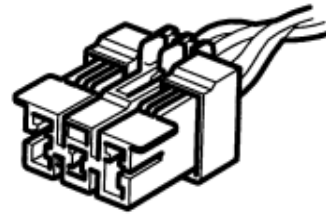
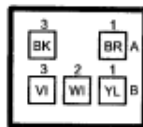
Circuit



Colour codes

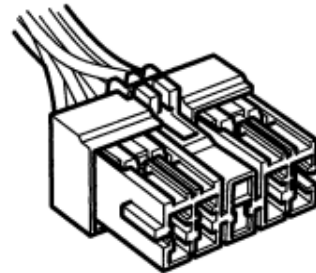
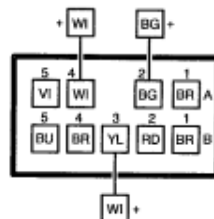
2600A

Front harness
Light switch
5 pin
White



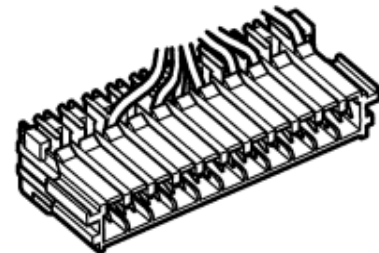
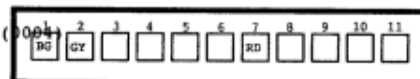
2600B

Front harness
Light switch
9 pin
Black



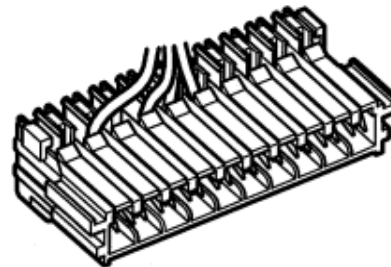
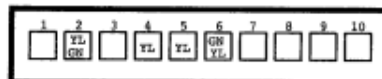
0004A

Front harness
Instrument cluster (0004)
11 pin
Yellow



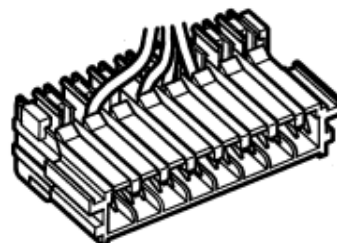
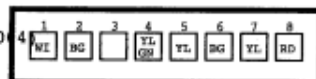
0004C

Front harness
Instrument cluster (0004)
10 pin
White



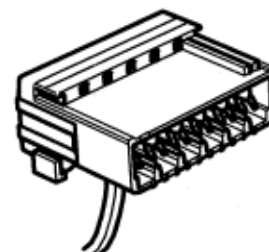
0004E

Front harness
Instrument cluster (0004)
8 pin
Yellow



2632

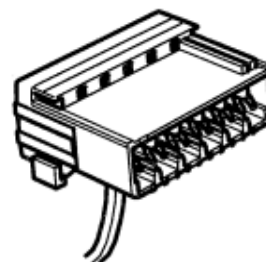
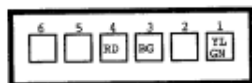
Trunk lid
harness
LH trunk lid tail lamp
6 pin
Brown



Colour codes

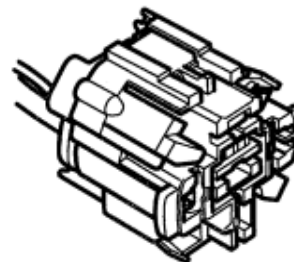
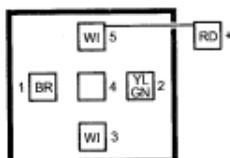
2637

Trunk lid harness
RH trunk lid tail lamp
6 pin
Brown



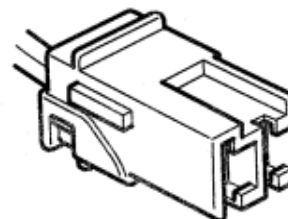
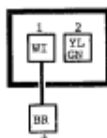
2665

Front harness
front fog lamp relay
5 pin
Violet



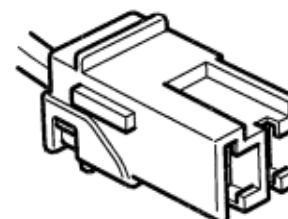
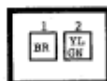
2670

Front panel harness
LH front fog lamp
2 pin
White



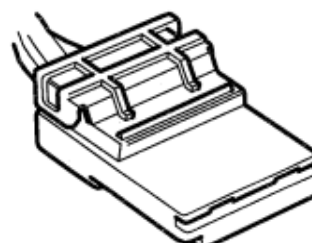
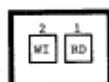
2675

Front panel harness
RH front fog lamp
2 pin
White



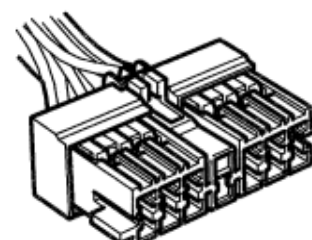
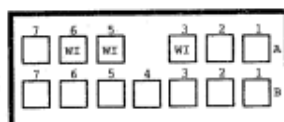
BB10B

Front harness
Branch box (BB10)
2 pin
Black



BF00A

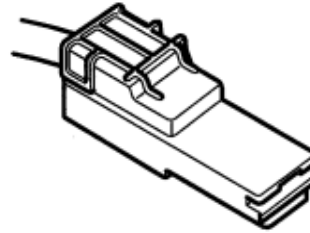
Front Harness
Fuse Box (BF00)
13 pin
Orange



Colour codes

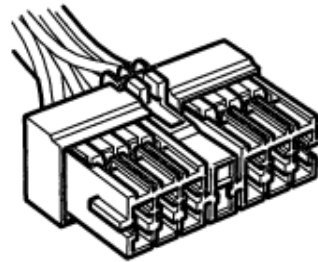
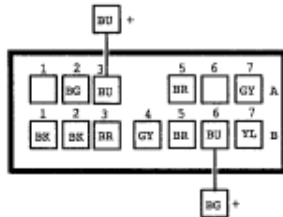
BF00D

Front Harness
Fuse Box(BF00)
1 pin
Black



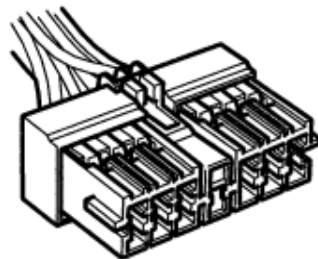
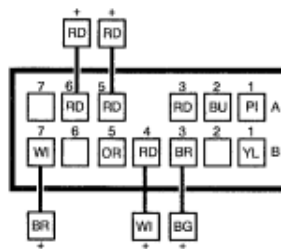
BF00I

Front harness
Fuse box (BF00)
13 pin
Green



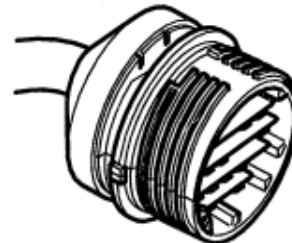
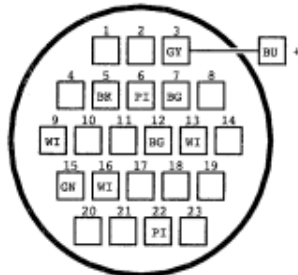
BF00J

Front harness
Fuse box (BF00)
13 pin
Blue



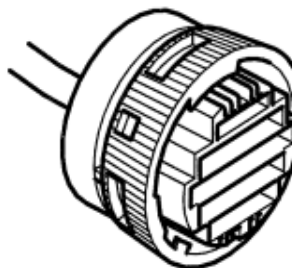
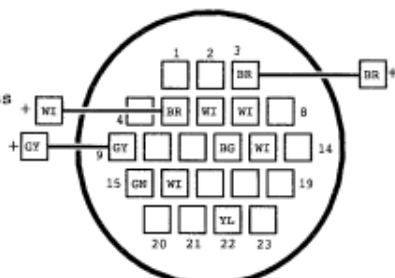
IC01

Front harness
Interconnector
FR/P-FR
23 pin
Grey



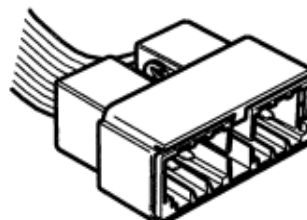
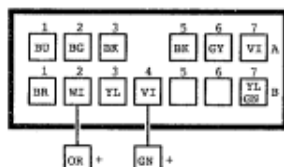
IC01

Front panel harness
Interconnector
FR/P-FR
23 pin
Grey



IC23B

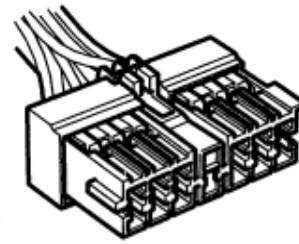
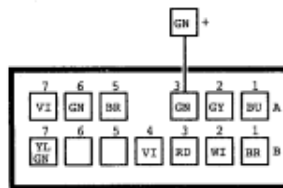
Front harness
Interconnector
FR-RR
13 pin
Brown



Colour codes

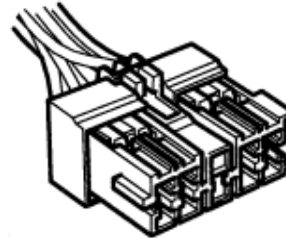
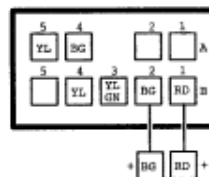
IC23B

Rear harness
Interconnector
FR-RR
13 pin
Brown



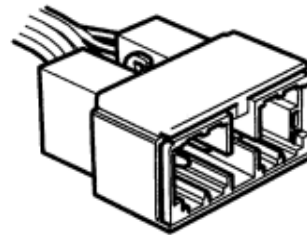
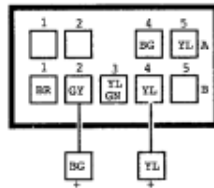
IC60

Trunk lid harness
Interconnector
TL-RR
9 pin
Brown

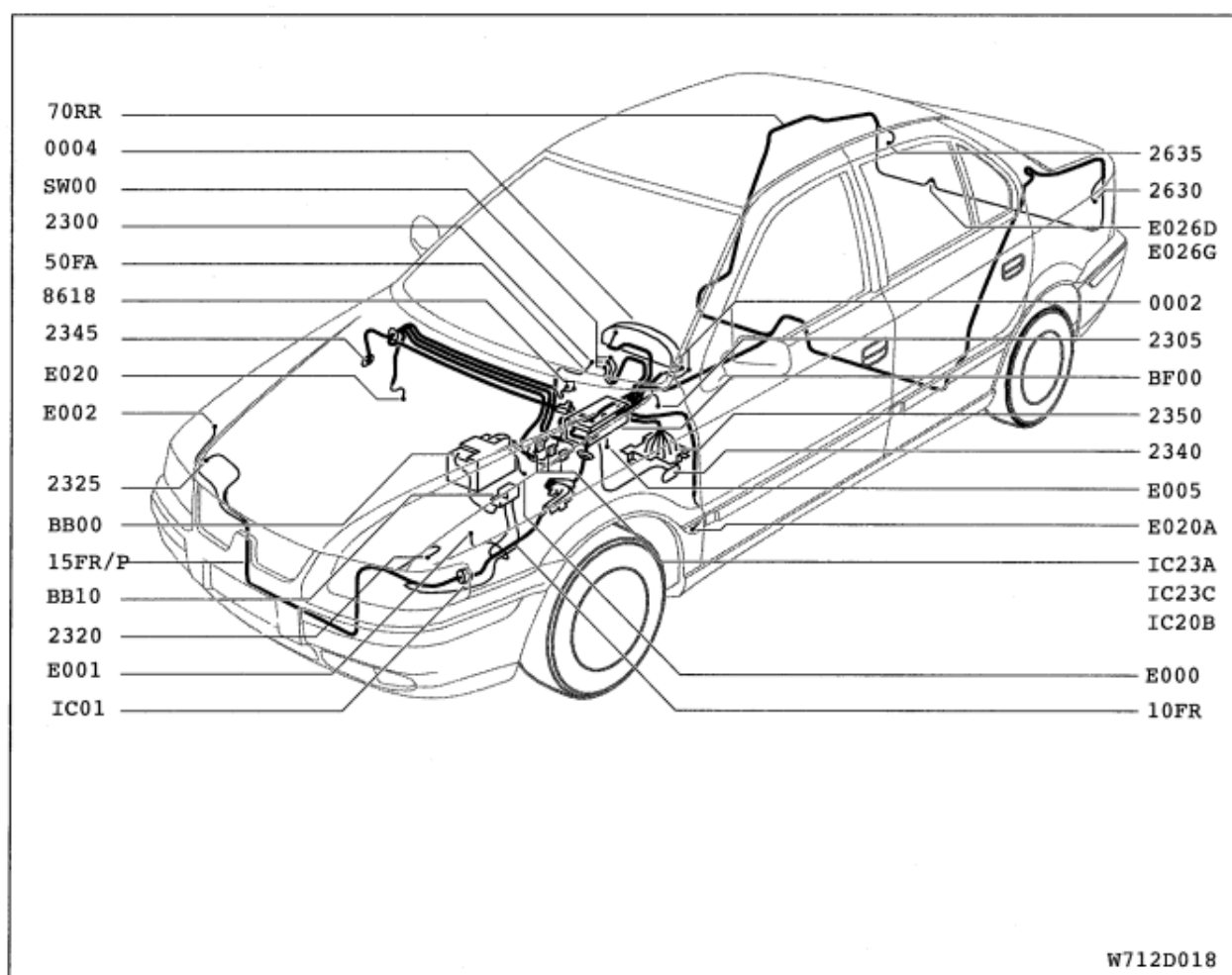


IC60

Rear harness
Interconnector
RR-TL
9 pin
Brown



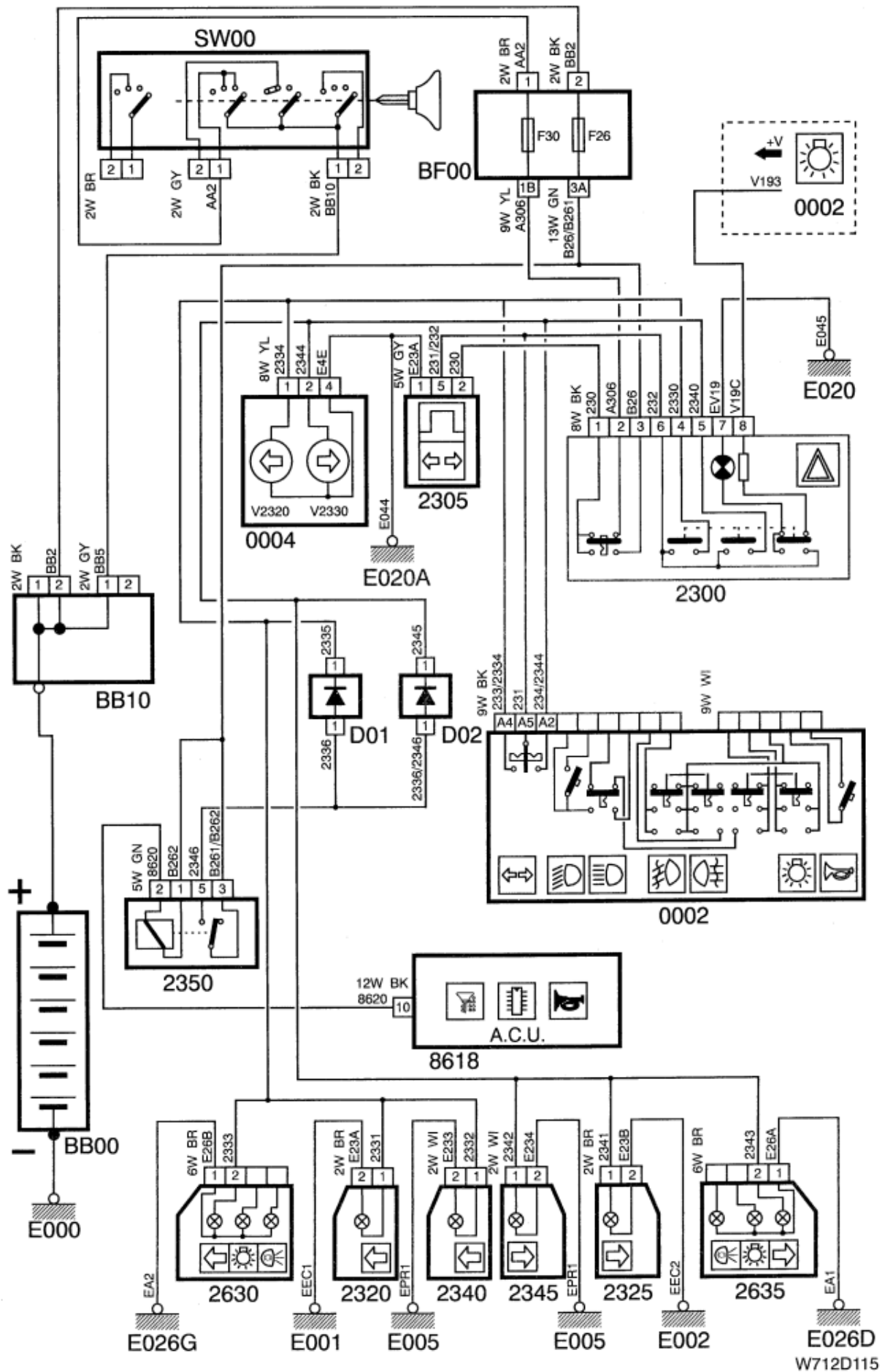
Direction indicators and Hazrad warning



Component Number	Component Description	Connectors	Harness
0002	Lighting and signaling switch	2600B	Front
0004	Instrument cluster	0004E	Front
	V2320=LH Direction indicator warning lamp		
	V2330=RH Direction indicator warning lamp		
2300	Hazard warning switch	2300	Instrument panel
2305	Flasher unit	2305	Front
2320	Front direction indicator lamp (LH)	2320	Front panel
2325	Front direction indicator lamp (RH)	2325	Front panel
2340	LH Side repeater lamp	2340	Front
2345	RH Side repeater lamp	2345	Front
2350	Flasher relay	2350	Front
2630	LH Tail lamp	2630	Rear
2635	RH Tail lamp	2635	Rear
8618	A.C.U.	8618B	Front
BB00	Battery		Front
BB10	Branch box	BB10A, BB10B	Front
BF00	Fuse box (F26, F30)	BF00E, BF00F, BF00G, BF00I	Front

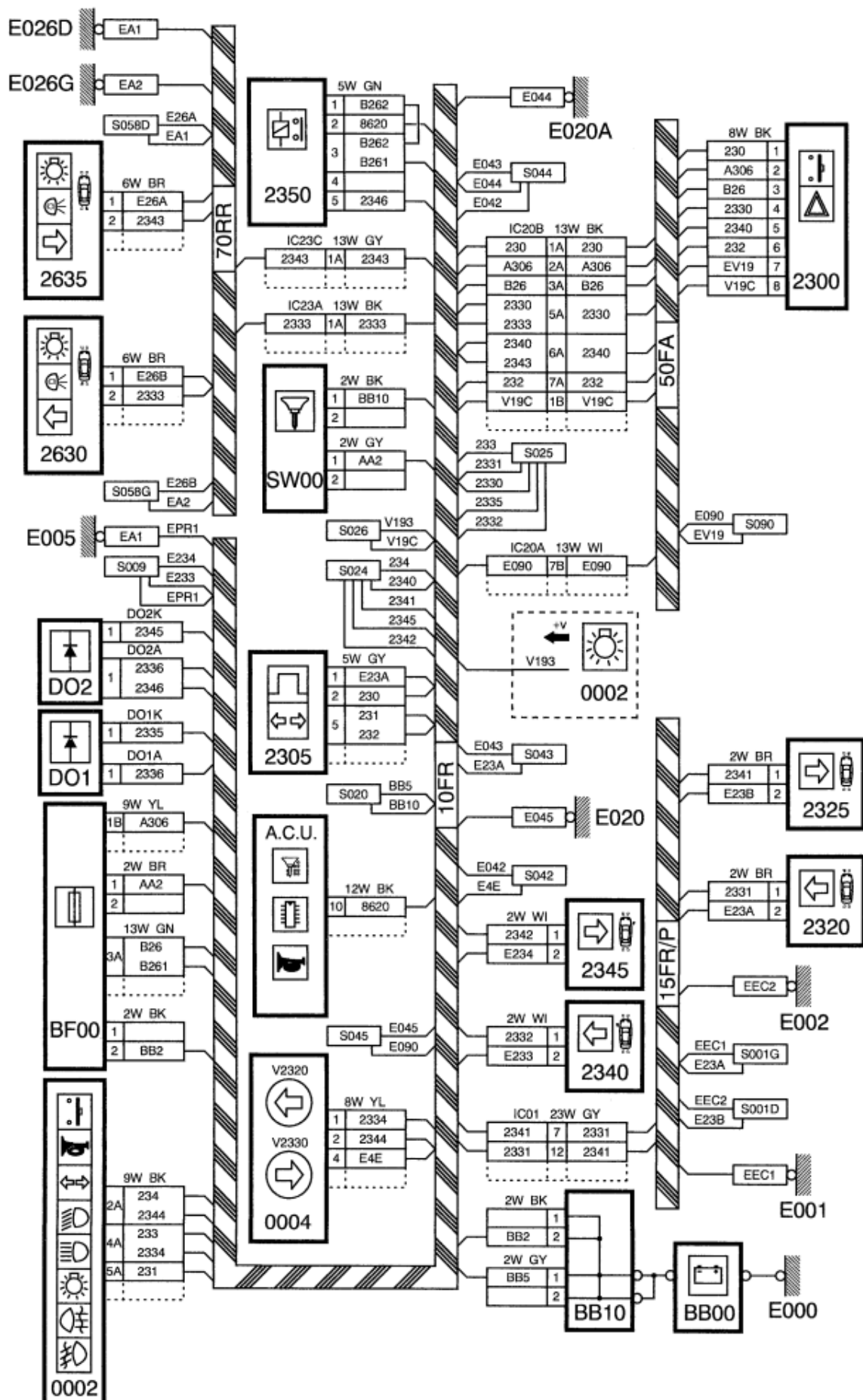
Component Number	Component Description	Connectors	Harness
E000	Battery Earth point	Battery	Front
E001	Earth point	Front LH inner fender-engine bay	Front panel
E002	Earth point	Front RH inner fender-engine bay	Front panel
E005	Earth point	LH side Plenum chamber	Front
E020	Earth point	Bottom RH-A post	Front
E020A	Earth point	Bottom LH-A post	Front
E026D	Earth point	Rear panel inner-Boot	Rear
E026G	Earth point	Rear panel inner-Boot	Rear
Interconnector	Front to rear harness	IC23A, IC23C	FR-RR
Interconnector	Front to instrument harness	IC20A, IC20B	FR-FA
Interconnector	Front to front panel harness	IC01	FRP-FR
SW00	Ignition switch	SW00A, SW00B	Front

Schematic



W712D115

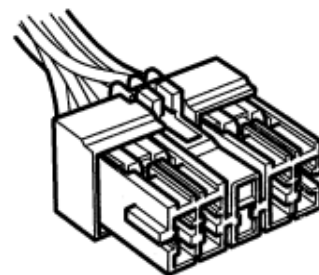
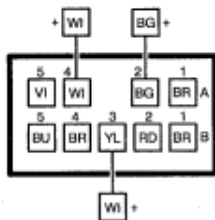
Circuit



Colour codes

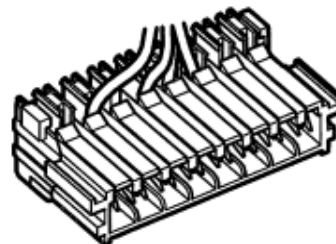
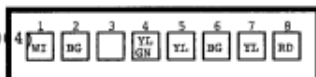
2600B

Front harness
Light switch
9 pin
Black



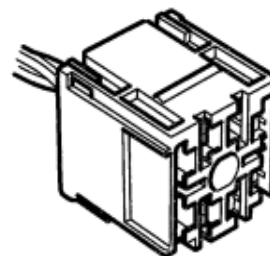
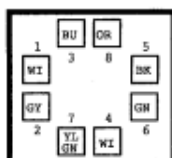
0004E

Front harness
Instrument cluster (0004E)
8 pin
Yellow



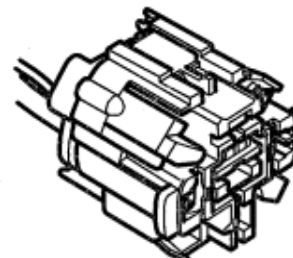
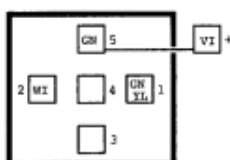
2300

Instrument panel harness
Hazard warning switch
8 pin
Black



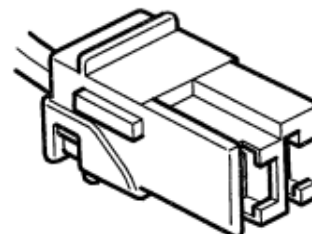
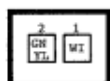
2305

Front harness
Flasher unit
5 pin
Gray



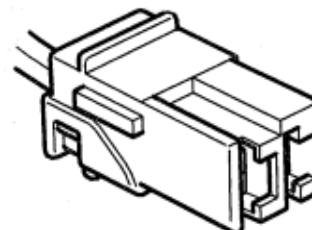
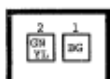
2320

Front panel harness
LH front direction
indicator lamp
2 pin
Brown



2325

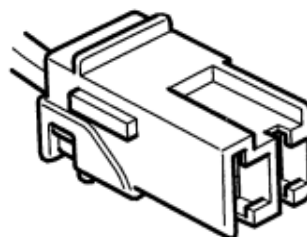
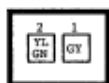
Front panel harness
RH front direction
indicator lamp
2 pin
Brown



Colour codes

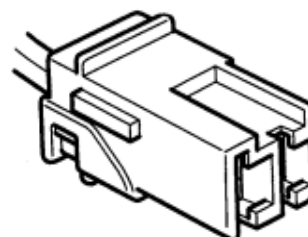
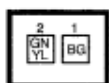
2340

Front harness
LH side repeater flasher
2 pin
White



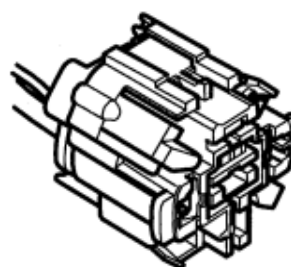
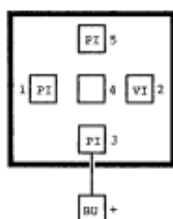
2345

Front harness
RH side repeater flasher
2 pin
White



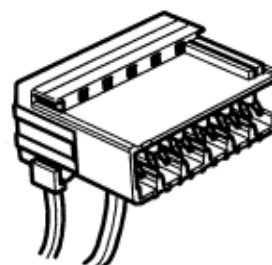
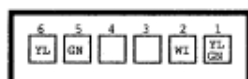
2350

Front harness
Flasher relay
5 pin
Green



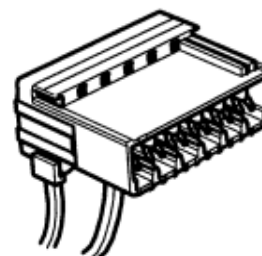
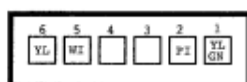
2630

Rear harness
LH tail lamp
6 pin
Brown



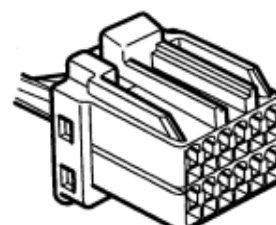
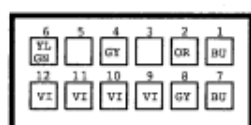
2635

Rear harness
RH Tail lamp
6 pin
Brown



8618B

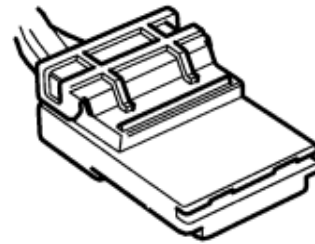
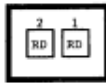
Front harness
A.C.U. (8618)
12 pin
Black



Colour codes

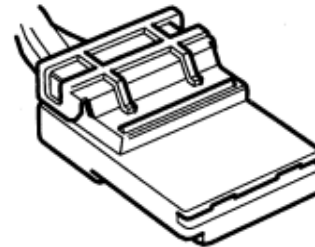
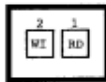
BB10A

Front harness
Branch box (BB10)
2 pin
Black



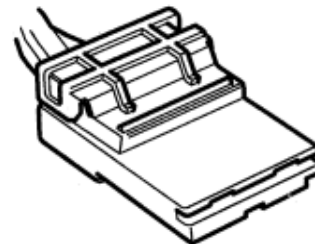
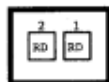
BB10B

Front harness
Branch box (BB10)
2 pin
Black



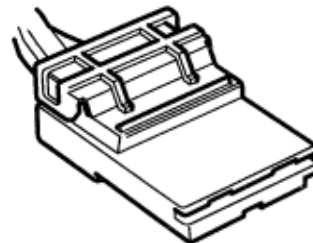
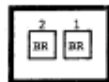
BF00E

Front harness
Fuse box (BF00)
2 pin
Black



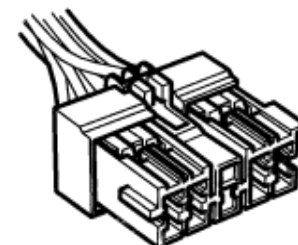
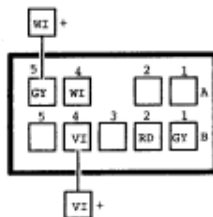
BF00F

Front harness
Fuse box (BF00)
2 pin
Brown



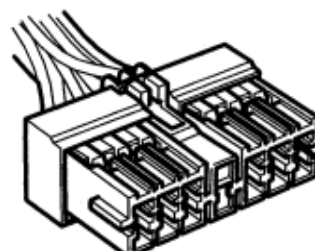
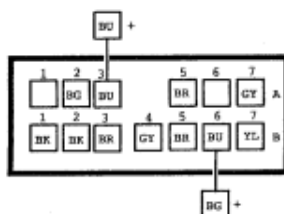
BF00G

Front harness
Fuse box (BF00)
9 pin
Yellow



BF00I

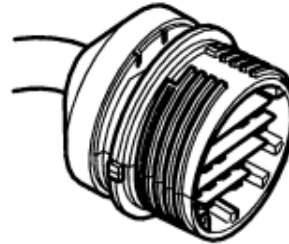
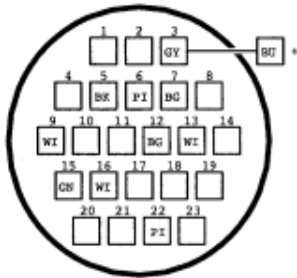
Front harness
Fuse box (BF00)
13 pin
Green



Colour codes

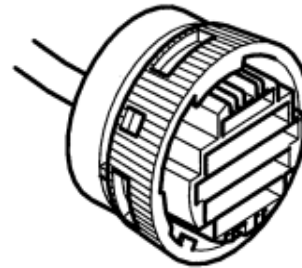
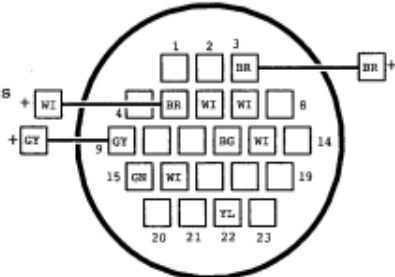
IC01

Front harness
Interconnector
FR/P-FR
23 pin
Grey



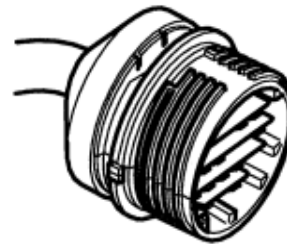
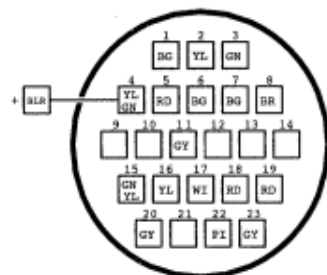
IC01

Front panel harness
Interconnector
FR/P-FR
23 pin
Grey



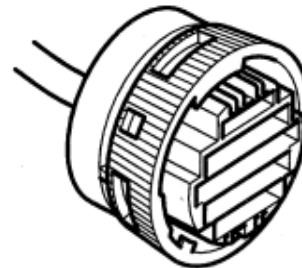
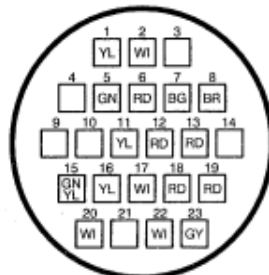
IC02A

Front harness
Interconnector
FR-EN
23 pin
Black



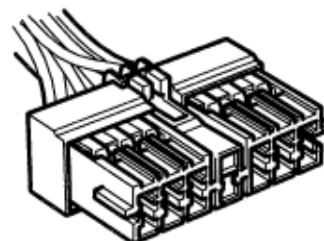
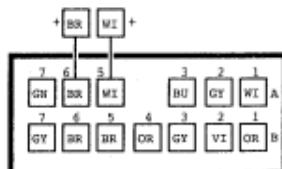
IC02A

Engine harness
Interconnector
FR-EN
23 pin
Black



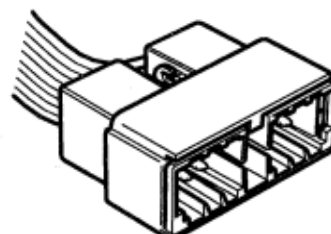
IC20B

Front harness
Interconnector
FA-FR
13 pin
Black



IC20B

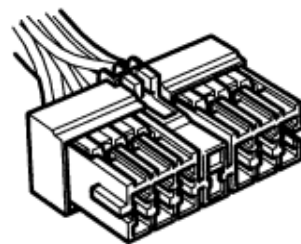
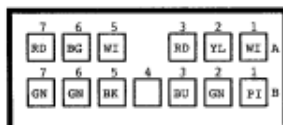
Instrument panel harness
Interconnector
FA-FR
13 pin
Black



Colour codes

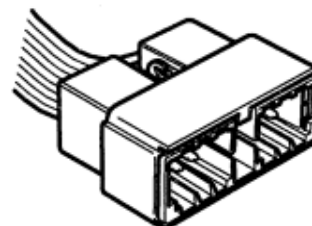
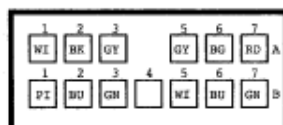
IC23A

Rear harness
Interconnector
FR-RR
13 pin
Black



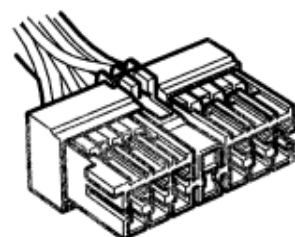
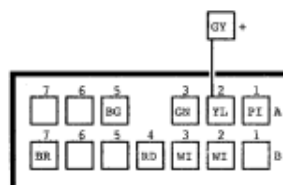
IC23A

Front harness
Interconnector
FR-RR
13 pin
Black



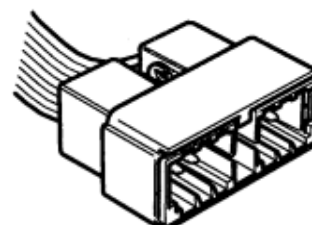
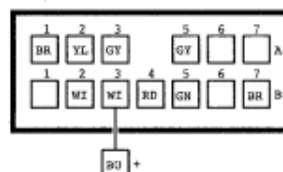
IC23C

Rear harness
Interconnector
FR-RR
13 pin
Grey



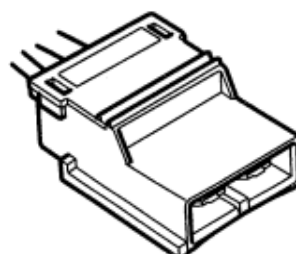
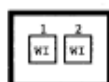
IC23C

Front harness
Interconnector
FR-RR
13 pin
Grey



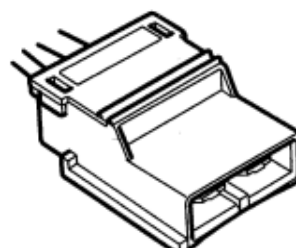
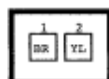
SW00A

Front harness
Ignition switch (SW00)
2 pin
Black

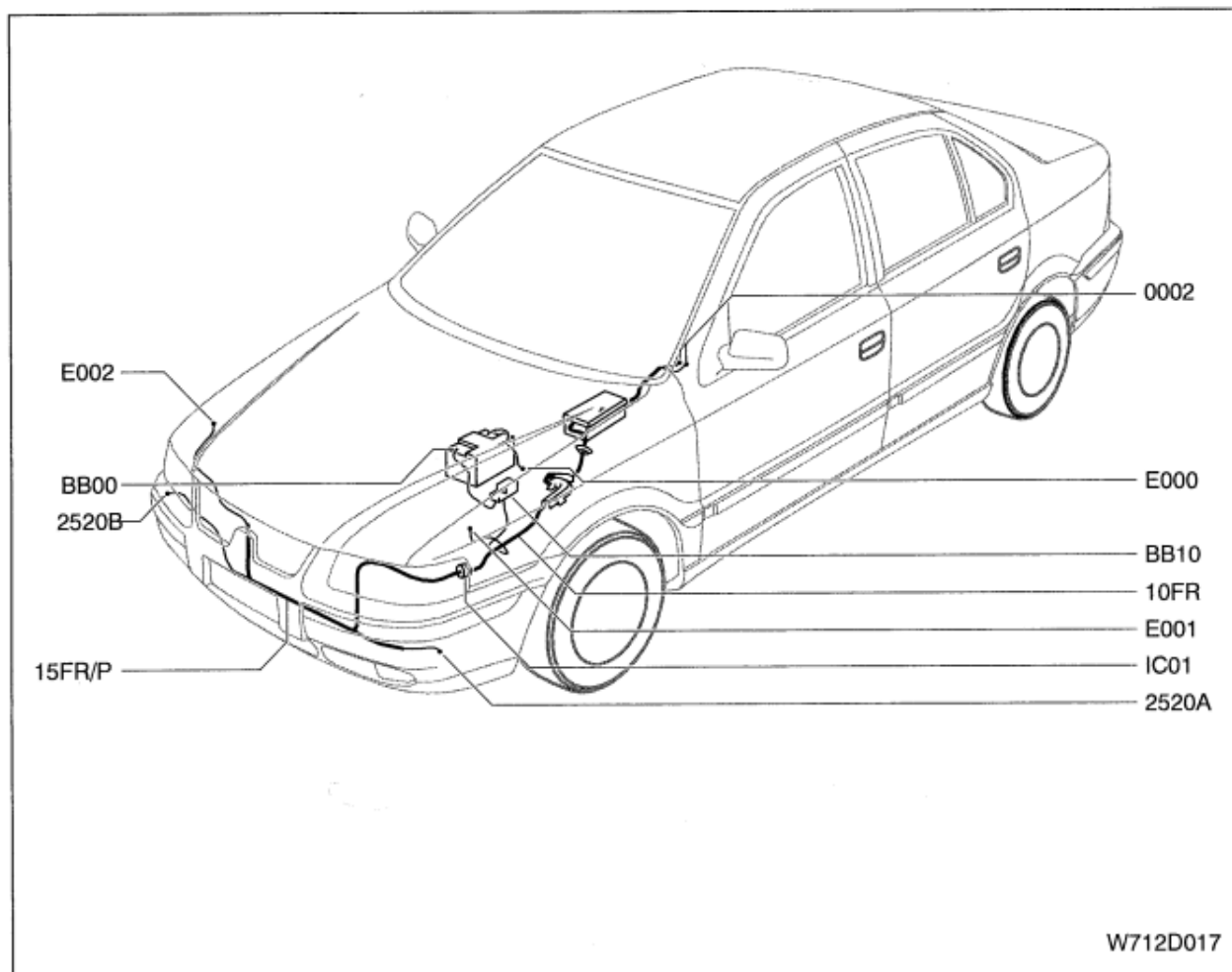


SW00B

Front harness
Ignition switch (SW00)
2 pin
Grey



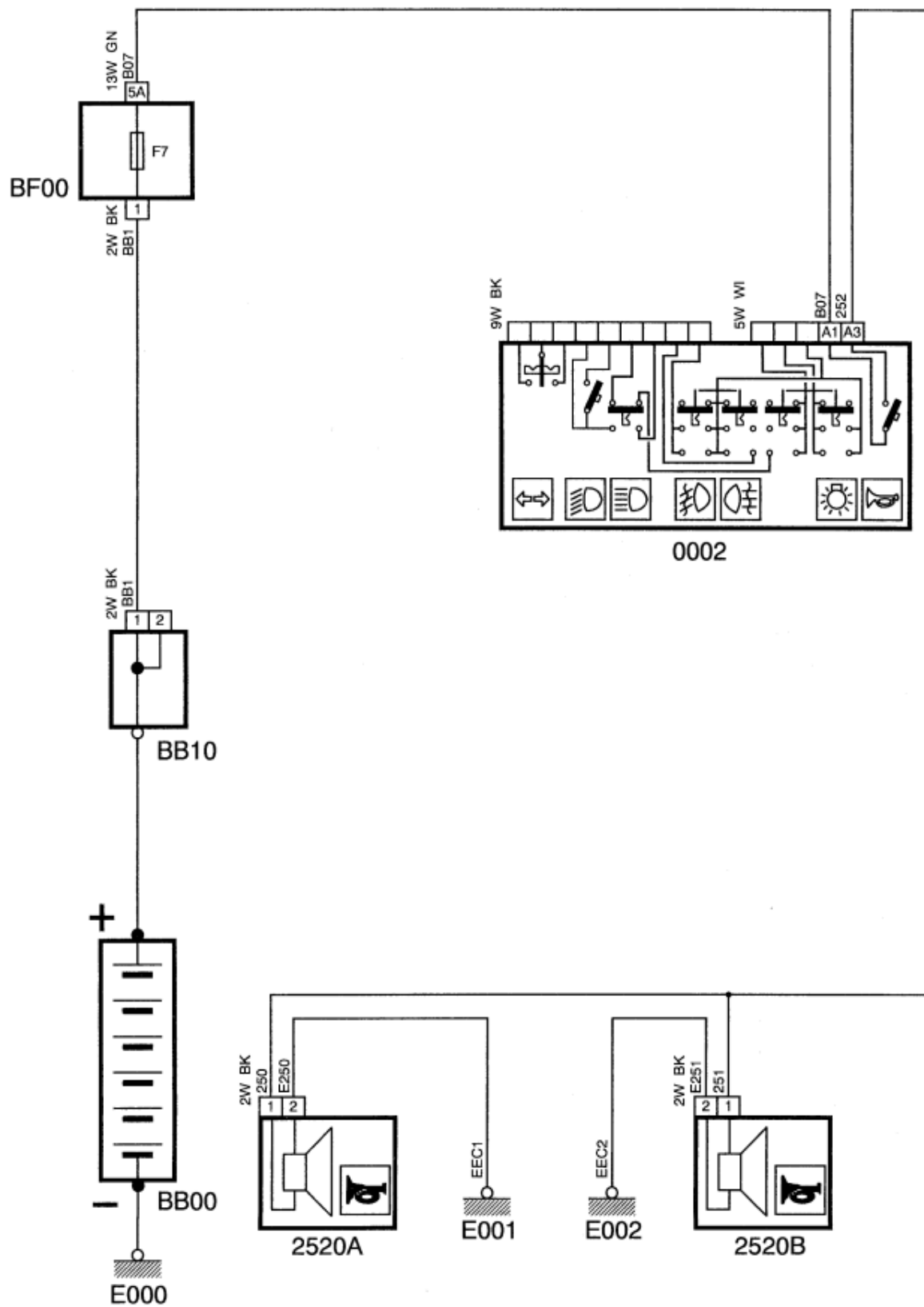
Horns



W712D017

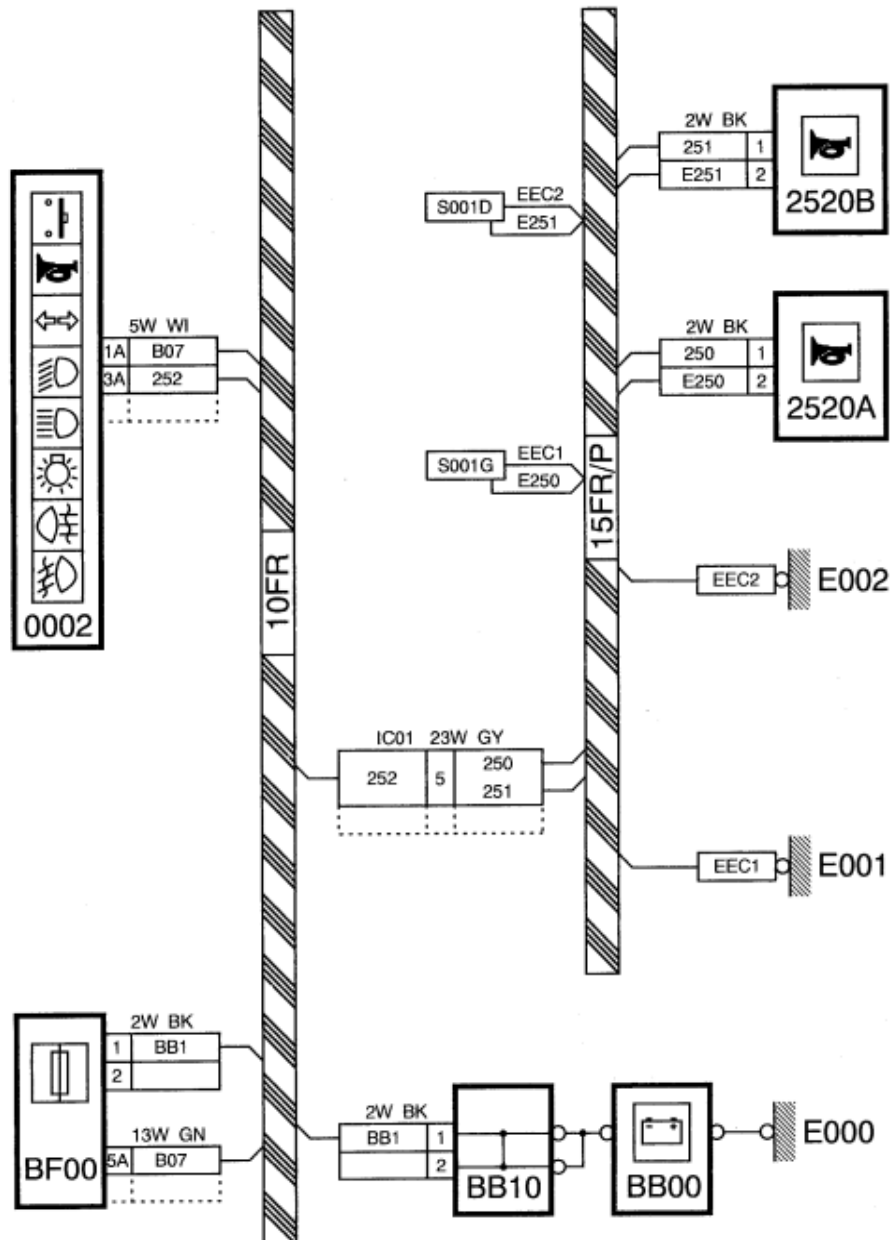
Component Number	Component Description	Connectors	Harness
0002	Lighting and signaling switch	2600A	Front
2520A	Horn LH	2520A	Front panel
2520B	Horn RH	2520B	Front panel
BB00	Battery		Front
BB10	Branch box	BB10A	Front
BF00	Fuse box (F7)	BF00E,BF00I	Front
E000	Battery Earth point	Battery	Front
E001	Earth point	Front LH inner fender-engine bay	Front panel
E002	Earth point	Front RH inner fender-engine bay	Front panel
Interconnector	Front panel to Front harness	IC01	FR/P-FR

Schematic

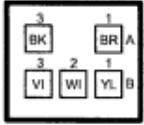
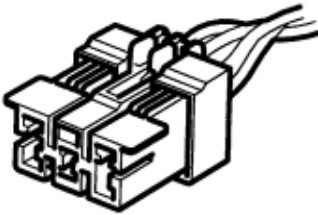
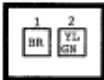
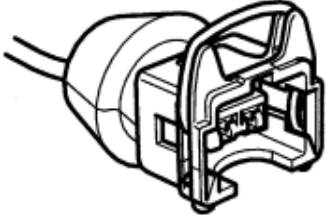
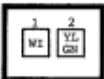
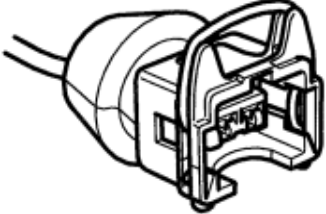
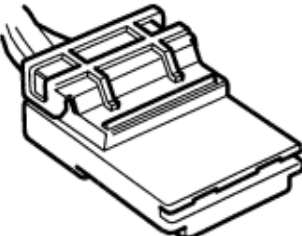
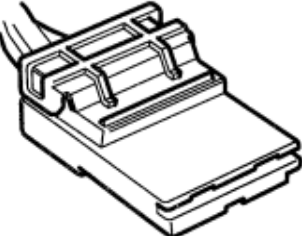
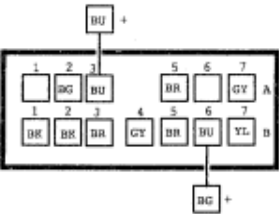
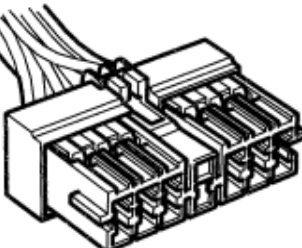


W712D117

Circuit



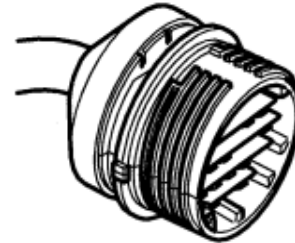
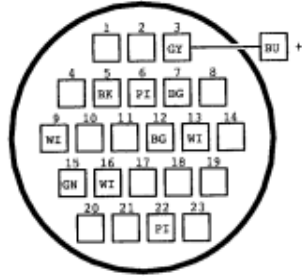
Colour codes

2600A Front harness Light switch 5 pin White	 
2520A Front panel harness Fan 2 pin Black	 
2520B Front panel harness Fan 2 pin Black	 
BB10A Front harness Branch box (BB10) 2 pin Black	 
BF00E Front harness Fuse box (BF00) 2 pin Black	 
BF00I Front harness Fuse box (BF00) 13 pin Green	 

Colour codes

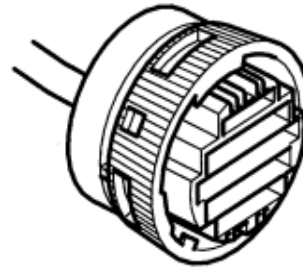
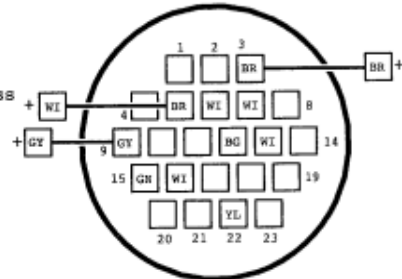
IC01

Front harness
Interconnector
FR/P-FR
23 pin
Grey

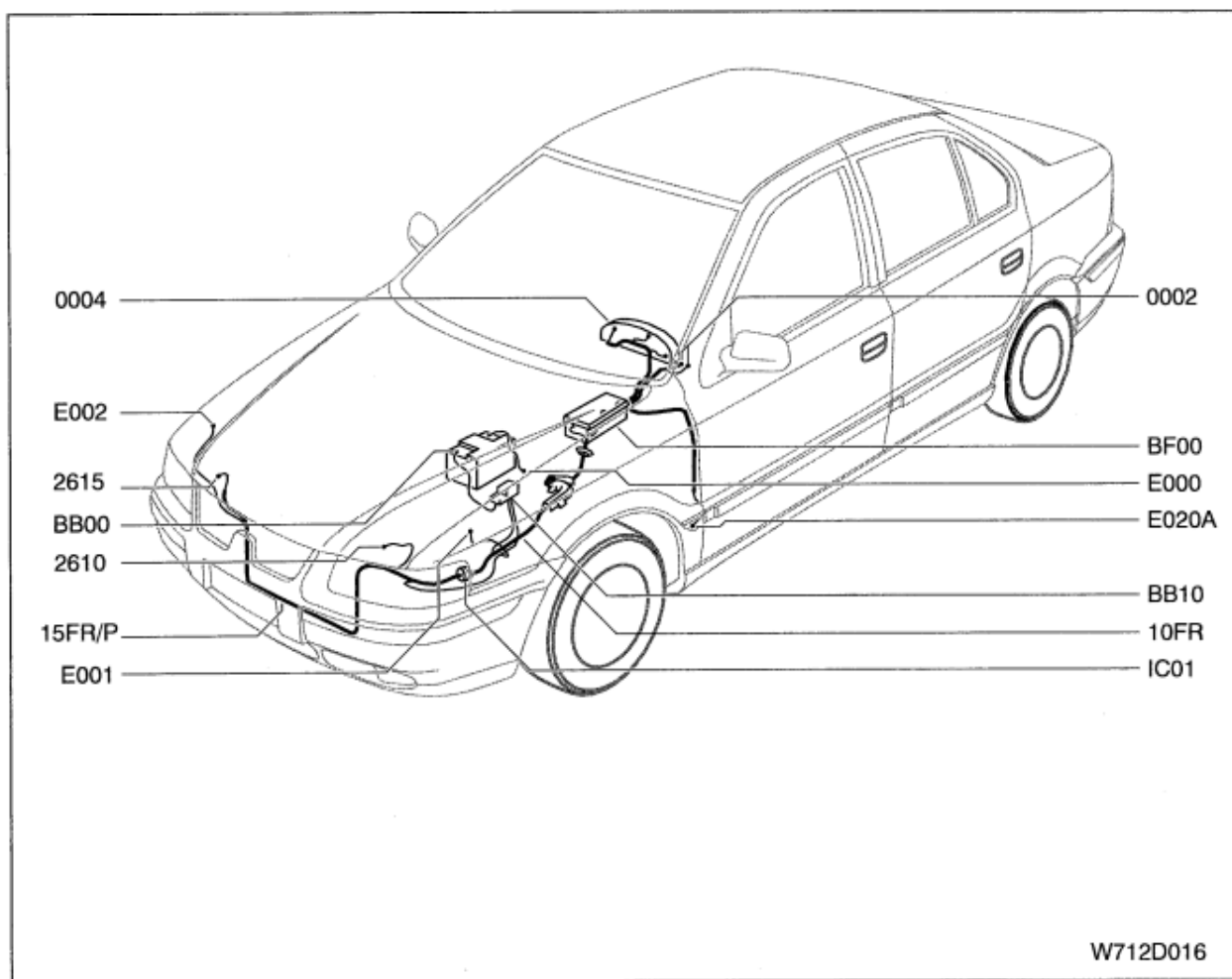


IC01

Front panel harness
Interconnector
FR/P-FR
23 pin
Grey



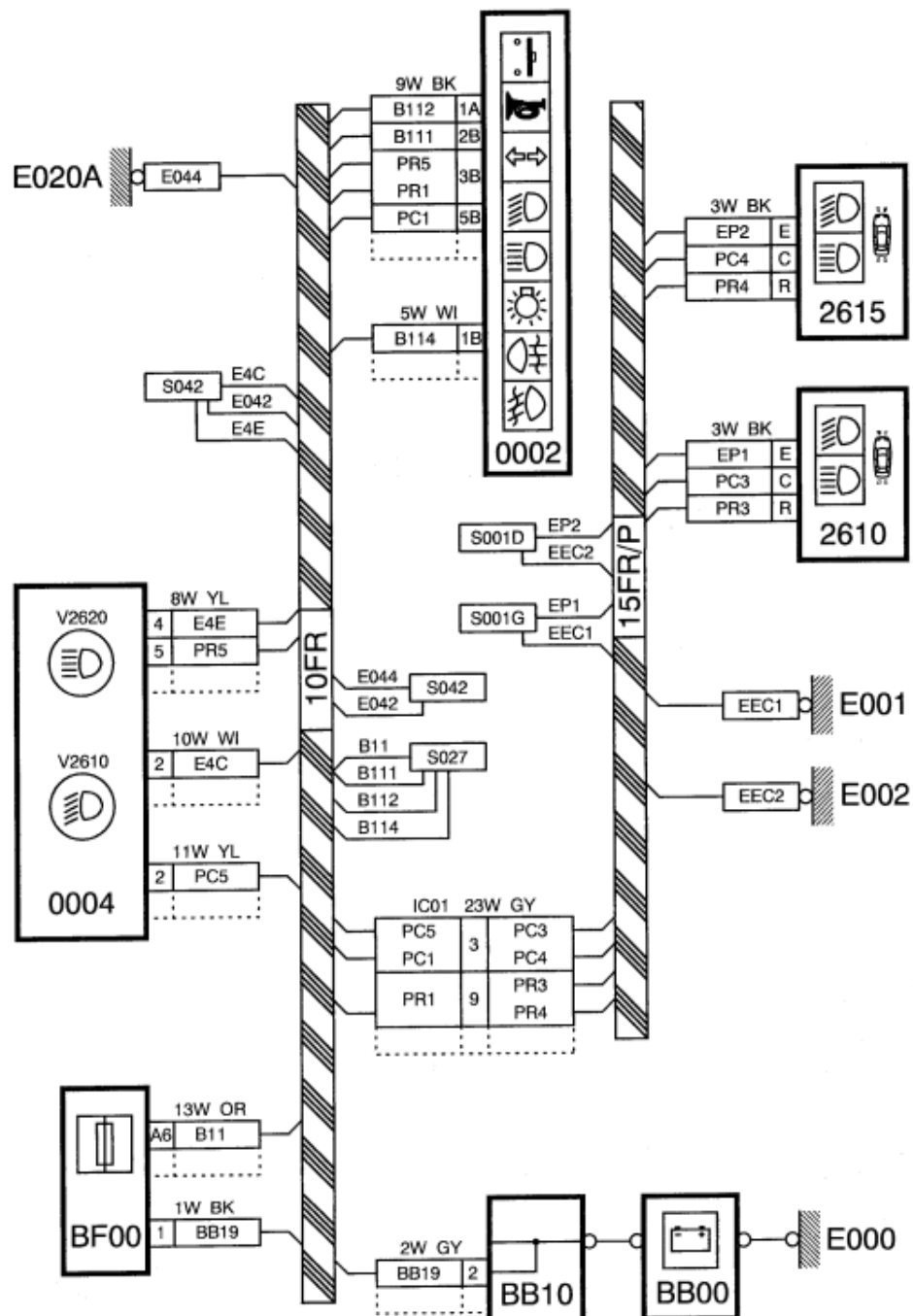
Dipped beam and Main beam



Component Number	Component Description	Connectors	Harness
0002	Lighting and signaling switch	2600A,2600B	Front
0004	Instrument cluster	0004A,0004C,0004E	Front
	V2610=Dipped beam warning lamp		
	V2620=Main beam warning lamp		
2610	Left hand headlamp	2610	Front panel
2615	Right hand headlamp	2615	Front panel
BB00	Battery		Front
BB10	Branch box	BB10B	Front
BF00	Fuse box (F11)	BF00A,BF00D	Front
E000	Battery Earth point	Battery	Front
E001	Earth point	Front LH inner fender-engine bay	Front panel
E002	Earth point	Front RH inner fender-engine bay	Front panel
E020A	Earth point	Bottom LH-A post	Front
Interconnector	Front panel to Front harness	IC01	FR/P-FR

SAMAND
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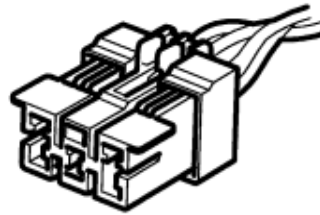
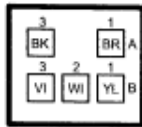
Circuit



Colour codes

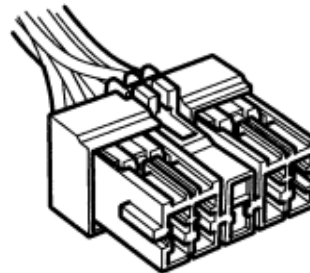
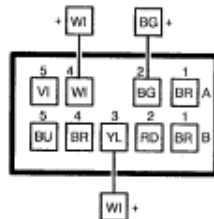
2600A

Front harness
Light switch
5 pin
White



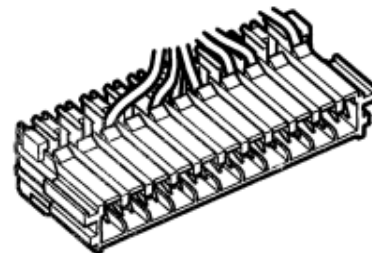
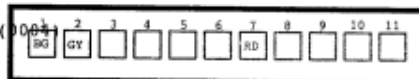
2600B

Front harness
Light switch
9 pin
Black



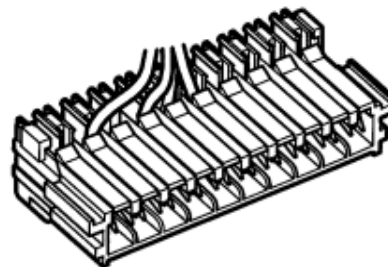
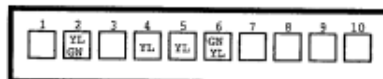
0004A

Front harness
Instrument cluster (0004)
11 pin
Yellow



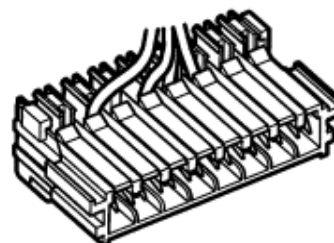
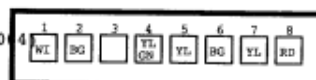
0004C

Front harness
Instrument cluster (0004)
10 pin
White



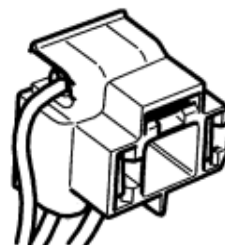
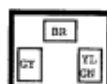
0004E

Front harness
Instrument cluster (0004)
8 pin
Yellow



2610

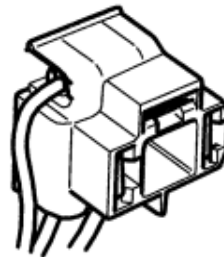
Front panel harness
LH headlamp
3 pin
Black



Colour codes

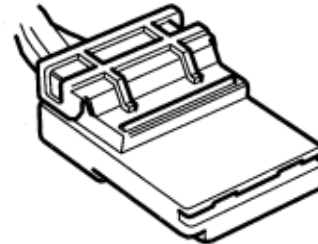
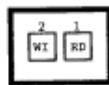
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Front panel harness
RH headlamp
3 pin
Black



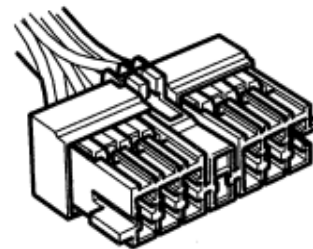
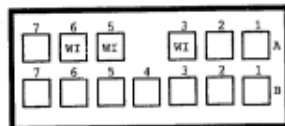
BB10B

Front harness
Branch box (BB10)
2 pin
Black



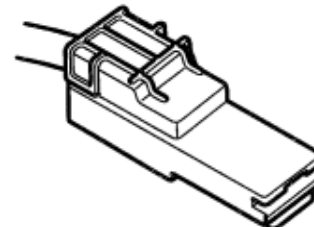
BF00A

Front Harness
Fuse Box (BF00)
13 pin
Orange



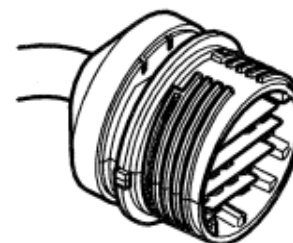
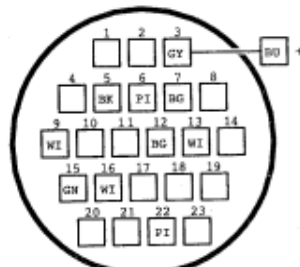
BF00D

Front Harness
Fuse Box (BF00)
1 pin
Black



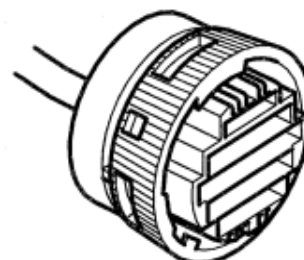
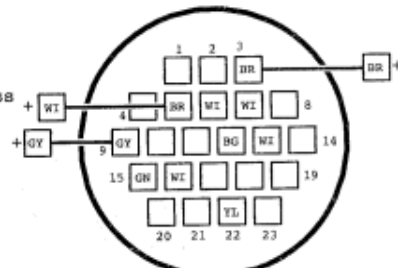
IC01

Front harness
Interconnector
FR/P-FR
23 pin
Grey

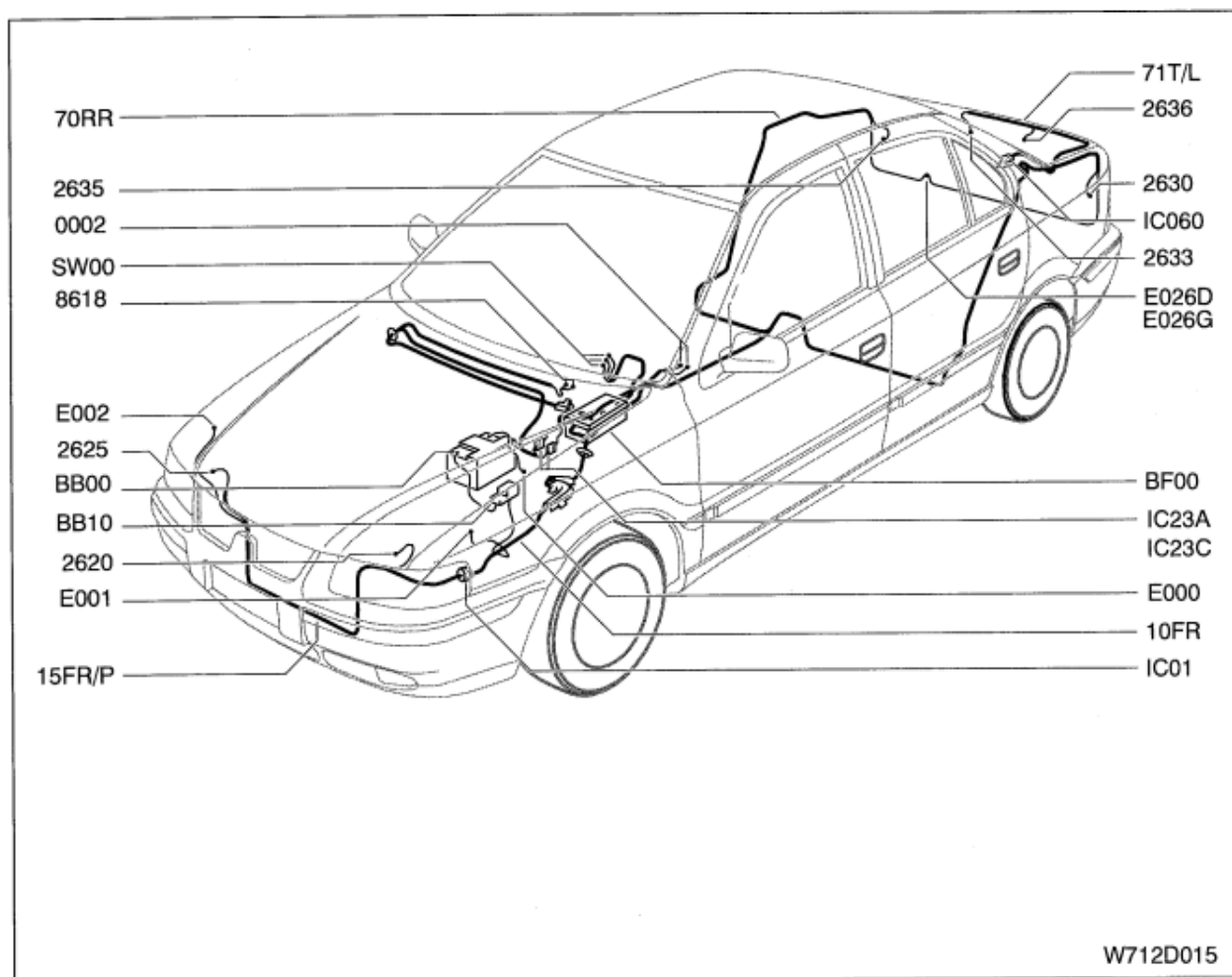


IC01

Front panel harness
Interconnector
FR/P-FR
23 pin
Grey



Side lamps



Component Number	Component Description	Connectors	Harness
0002	Light switch	2600A	Front
2620	Side lamp LH	2620	Front panel
2625	Side lamp RH	2625	Front panel
2630	Tail lamp LH	2630	Rear
2633	License plate lamp RH	2633	Trunk lid
2635	Tail lamp RH	2635	Rear
2636	License plate lamp LH	2636	Trunk lid
8618	A.C.U.	8618B	Front
BB00	Battery		Front
BB10	Branch box	BB10B	Front
BF00	Fuse box (F4,F9,F11)	BF00A,BF00C,BF00D, BF00H,BF00I,BF00J	Front
E000	Battery Earth point	Battery	Front
E001	Earth point	Front LH inner fender-engine bay	Front panel
E002	Earth point	Front RH inner fender-engine bay	Front panel
E026D	Earth point	Rear panel inner-Boot	Rear
E026G	Earth point	Rear panel inner-Boot	Rear
Interconnector	Front panel to Front harness	IC01	FR/P-FR
Interconnector	Front to Rear harness	IC23A, IC23C	FR-RR
Interconnector	Rear to Trunk lid harness	IC060	RR-TL

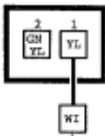
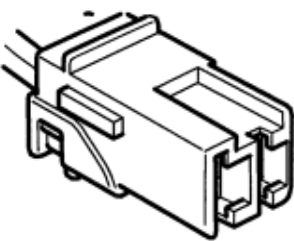
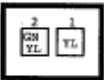
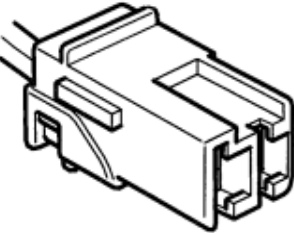
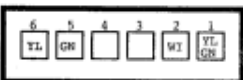
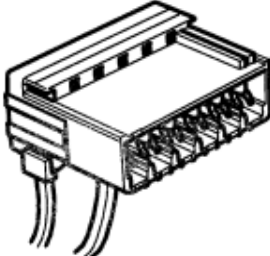
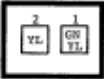
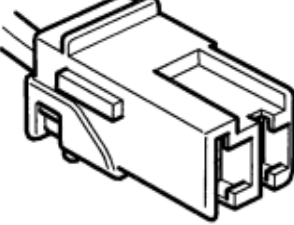
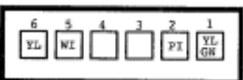
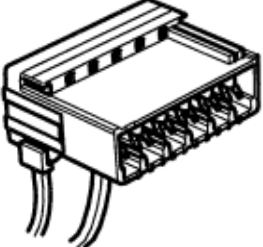
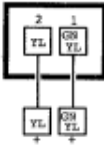
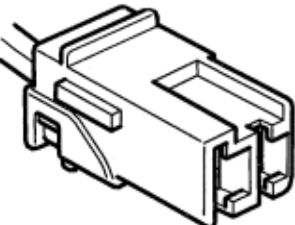
The diagram illustrates the electrical system for a vehicle, showing the battery, alternator, and various components connected by wires. The components and their connections are as follows:

- Battery:** A 12V battery with terminals labeled BB00 (negative) and BB19 (positive). The negative terminal is connected to ground (E000).
- Alternator:** A 12V alternator with terminals labeled BB19 (positive) and BB00 (negative). The positive terminal is connected to the battery's positive terminal.
- A.C.U. (Automatic Control Unit):** A unit with terminals labeled 12 (positive) and 12 (negative). The positive terminal is connected to the battery's positive terminal.
- BF00 (Body Function Relay):** A relay with terminals labeled 1 (positive), 2A (positive), 7B (positive), 2B (positive), 1B (positive), 13W BK BB19, 13W RD VV7, 13W OR B11, 13W GY V090, 13W GN V09, and 13W BU V04. The positive terminal is connected to the battery's positive terminal.
- 0002 (Engine Control Unit):** A unit with terminals labeled 9W BK, 5W WI, B113, VV1, 2B, and 3B. The positive terminal is connected to the battery's positive terminal.
- 2620 (Engine Light):** A 2W WI EV1 V091/V092 unit with terminals labeled 1 (positive) and 2 (negative). The positive terminal is connected to the battery's positive terminal.
- 2625 (Engine Light):** A 2W WI V092 EV2 unit with terminals labeled 1 (positive) and 2 (negative). The positive terminal is connected to the battery's positive terminal.
- 2630 (Engine Light):** A 6W BR E26B V094 unit with terminals labeled 1 (positive) and 2 (negative). The positive terminal is connected to the battery's positive terminal.
- 2635 (Engine Light):** A 6W BR V04 E26A unit with terminals labeled 1 (positive) and 2 (negative). The positive terminal is connected to the battery's positive terminal.
- 2636 (Engine Light):** A 2W WI EV1/EV2 V094/V095 unit with terminals labeled 1 (positive) and 2 (negative). The positive terminal is connected to the battery's positive terminal.
- 2633 (Engine Light):** A 2W WI EV2 V095 unit with terminals labeled 1 (positive) and 2 (negative). The positive terminal is connected to the battery's positive terminal.
- Grounds:** Various ground points are labeled, including E000, E001, E002, E026G, and E026D.

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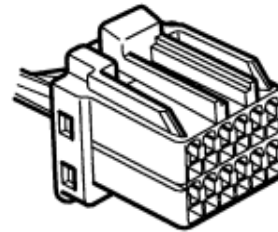
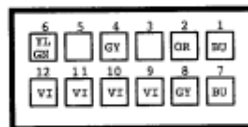
Colour codes

2620 Front panel harness LH side lamp 2 pin White 	
2625 Front panel harness RH side lamp 2 pin White 	
2630 Rear harness LH tail lamp 6 pin Brown 	
2633 Trunk lid harness Licence plate lamp 2 pin White 	
2635 Rear harness RH Tail lamp 6 pin Brown 	
2636 Trunk lid harness Licence plate lamp 2 pin White 	

Colour codes

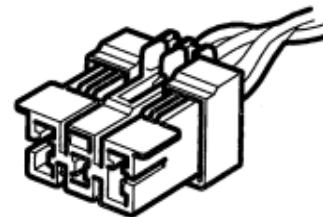
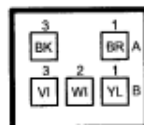
8618B

Front harness
A.C.U. (8618)
12 pin
Black



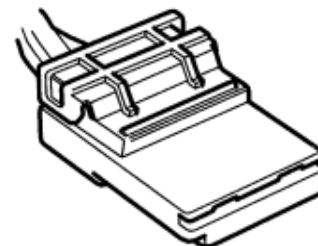
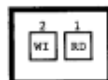
2600A

Front harness
Light switch
5 pin
White



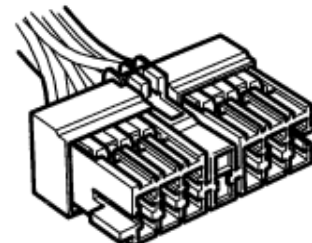
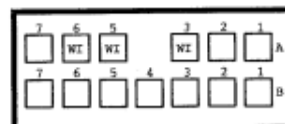
BB10B

Front harness
Branch box (BB10)
2 pin
Black



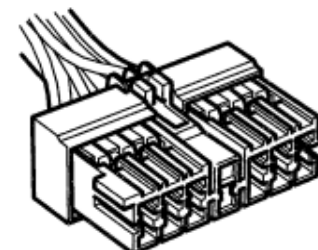
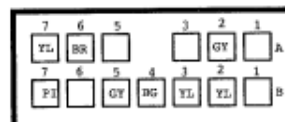
BF00A

Front Harness
Fuse Box (BF00)
13 pin
Orange



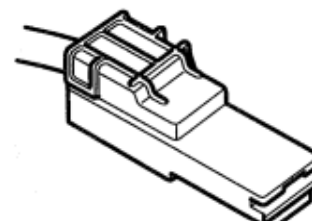
BF00C

Front harness
Fuse box (BF00)
13 pin
Grey



BF00D

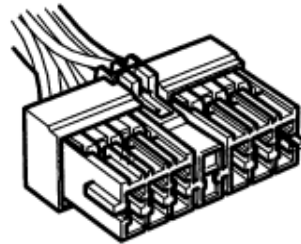
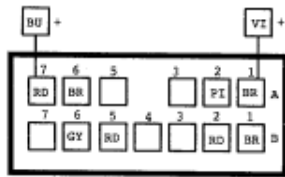
Front Harness
Fuse Box(BF00)
1 pin
Black



Colour codes

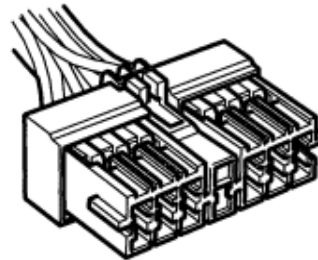
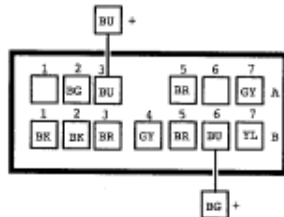
BF00H

Front harness
Fuse box (BF00)
13 pin
Red



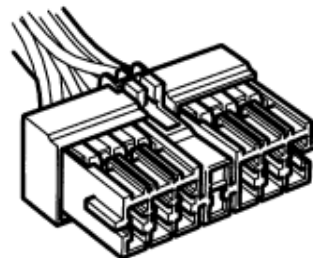
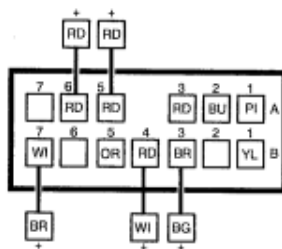
BF00I

Front harness
Fuse box (BF00)
13 pin
Green



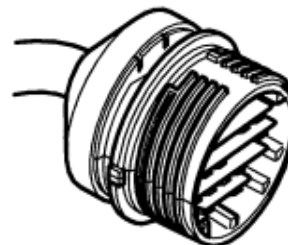
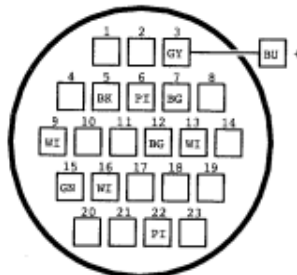
BF00J

Front harness
Fuse box (BF00)
13 pin
Blue



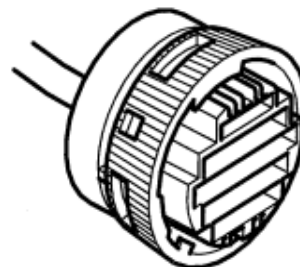
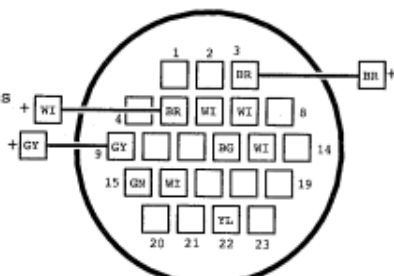
IC01

Front harness
Interconnector
FR/P-FR
23 pin
Grey



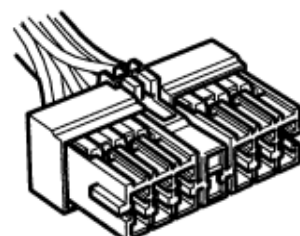
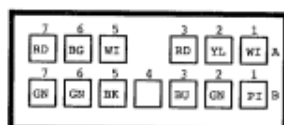
IC01

Front panel harness
Interconnector
FR/P-FR
23 pin
Grey



IC23A

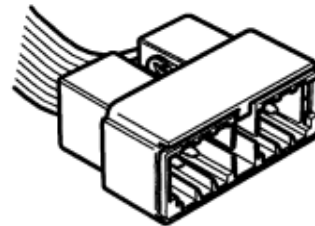
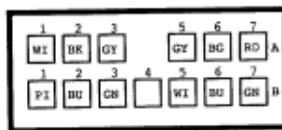
Rear harness
Interconnector
FR-RR
13 pin
Black



Colour codes

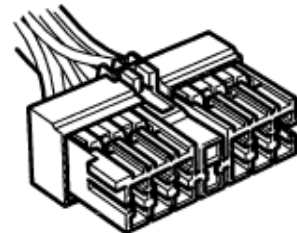
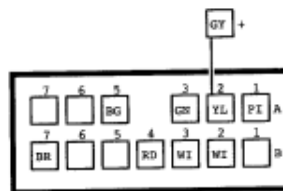
IC23A

Front harness
Interconnector
FR-RR
13 pin
Black



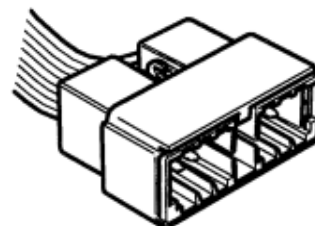
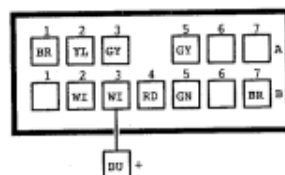
IC23C

Rear harness
Interconnector
FR-RR
13 pin
Grey



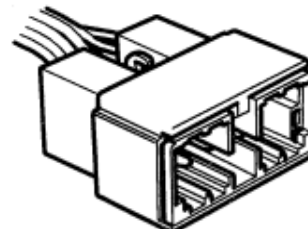
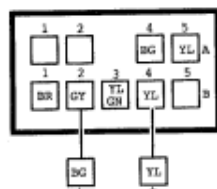
IC23C

Front harness
Interconnector
FR-RR
13 pin
Grey



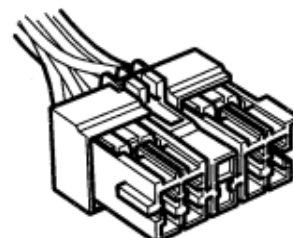
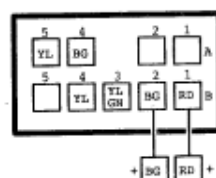
IC60

Rear harness
Interconnector
RR-TL
9 pin
Brown

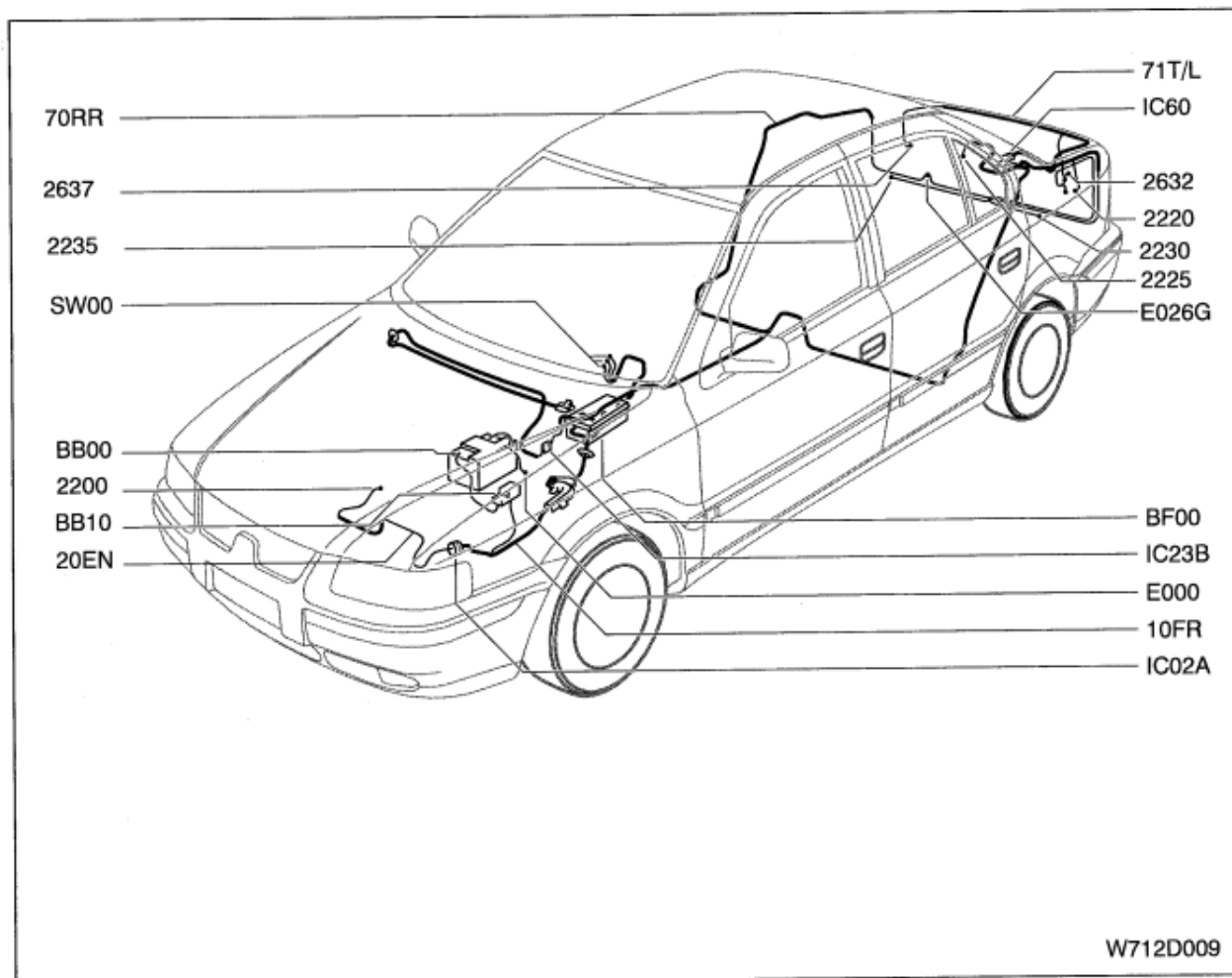


IC60

Trunk lid harness
Interconnector
TL-RR
9 pin
Brown

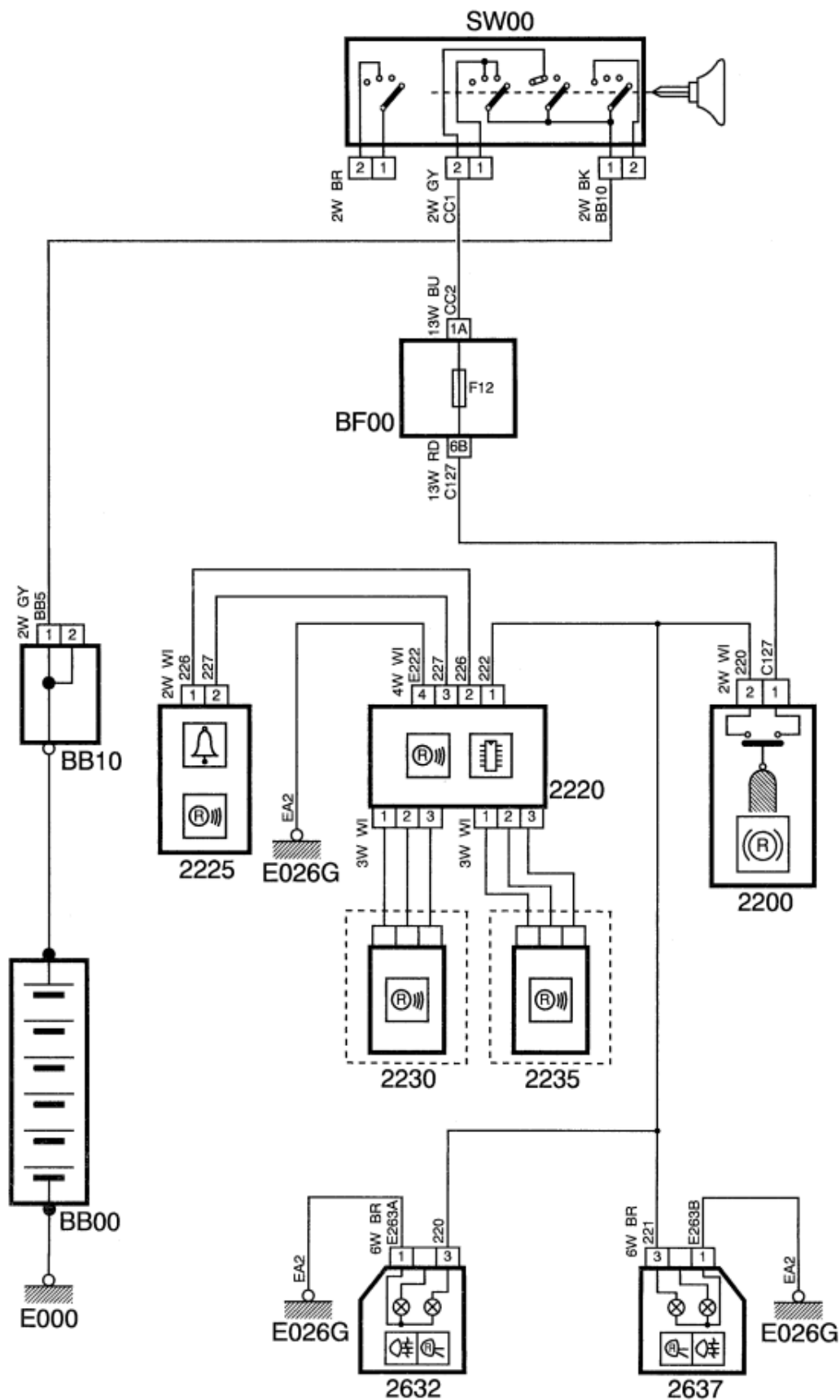


Reverse lamps and Reverse Sensor

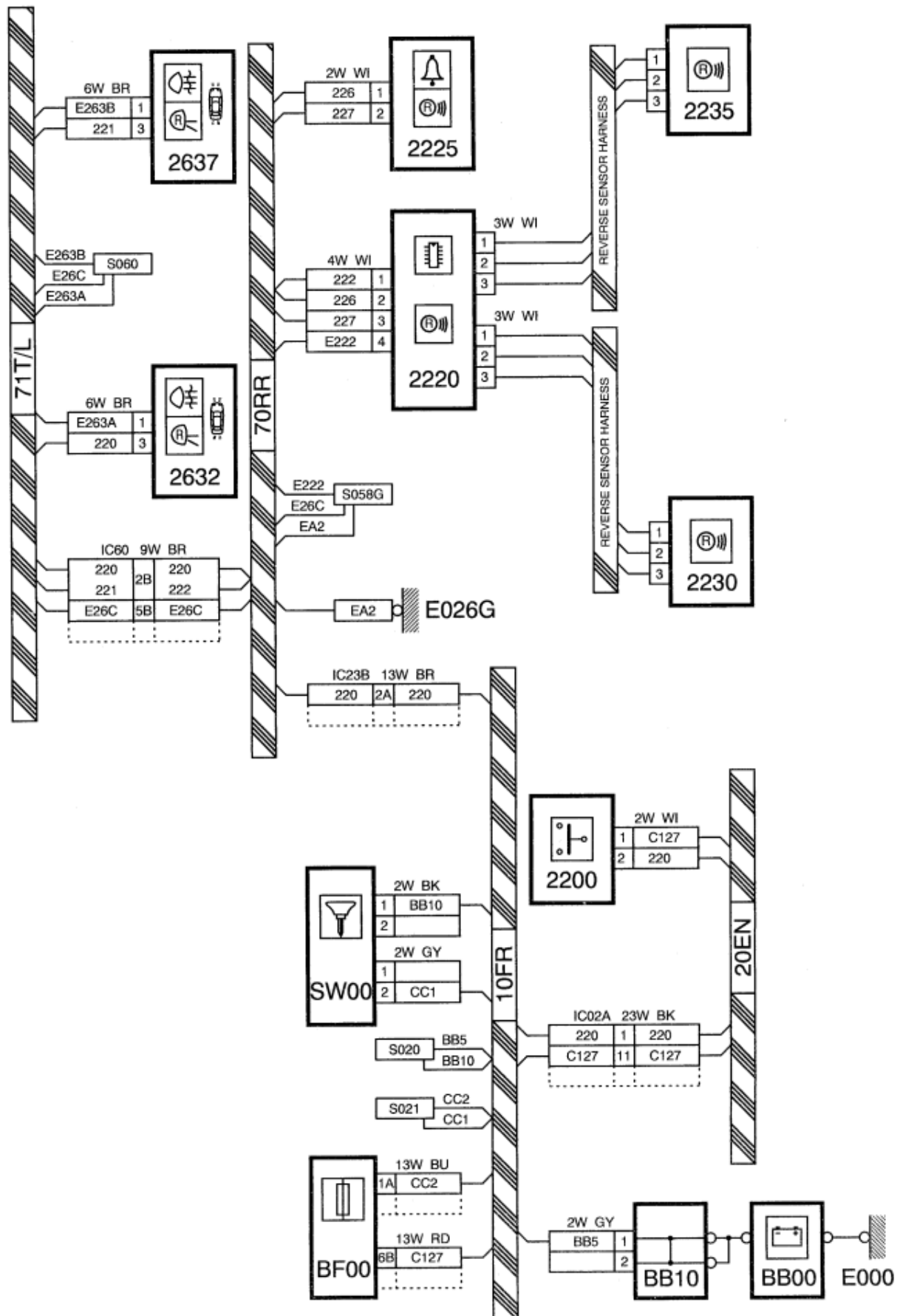


Component Number	Component Description	Connectors	Harness
2200	Reverse lamp switch	2200	Engine
2220	Reverse sensor unit	2220	Rear
2225	Reverse sensor buzzer	2225	Rear
2230	Sensor	2230	Reverse sensor
2235	Sensor	2235	Reverse sensor
2632	Tail lamp trunk lid LH	2632	Trunk lid
2637	Tail lamp trunk lid RH	2637	Trunk lid
BB00	Battery		Front
BB10	Branch box	BB10B	Front
BF00	Fuse box (F12)	BF00H,BF00J	Front
E000	Battery Earth point	Battery	Front
E026G	Earth point	Rear panel inner-Boot	Rear
Interconnector	Front to Engine harness	IC02A	FR-EN
Interconnector	Front to Rear harness	IC23B	FR-RR
Interconnector	Rear to Trunk lid	IC60	RR-TL
SW00	Ignition switch	SW00A,SW00B	Front

Schematic



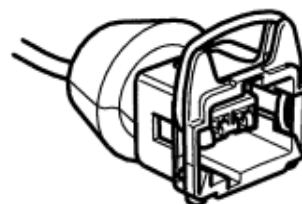
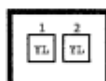
Circuit



Colour codes

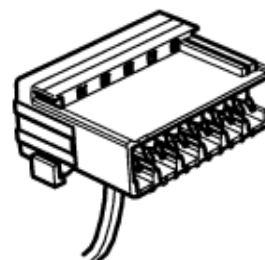
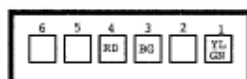
2200

Engine harness
Reverse lamp switch
2 pin
White



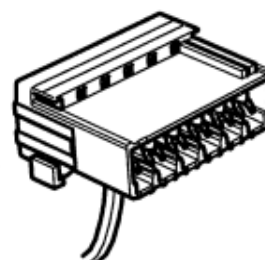
2632

Trunk lid
harness
LH trunk lid tail lamp
6 pin
Brown



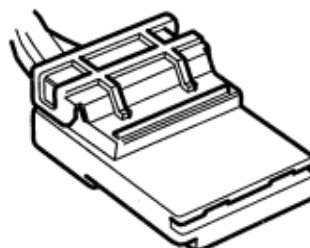
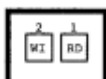
2637

Trunk lid harness
RH trunk lid tail lamp
6 pin
Brown



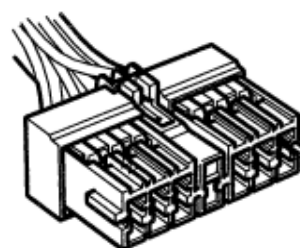
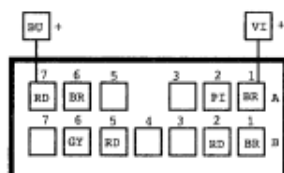
BB10B

Front harness
Branch box (BB10)
2 pin
Black



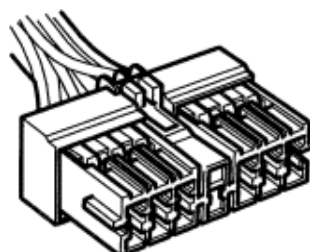
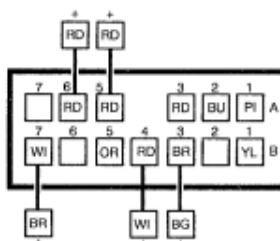
BF00H

Front harness
Fuse box (BF00)
13 pin
Red



BF00J

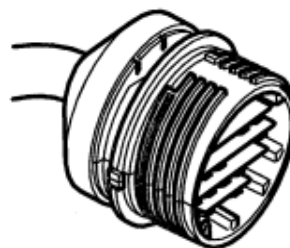
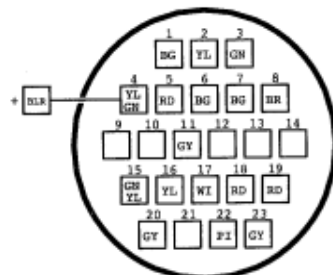
Front harness
Fuse box (BF00)
13 pin
Blue



Colour codes

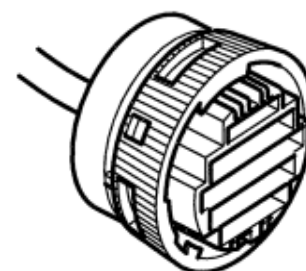
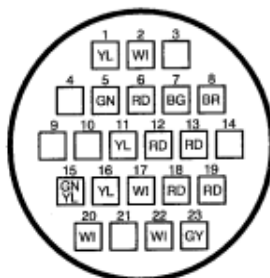
IC02A

Front harness
Interconnector
FR-EN
23 pin
Black



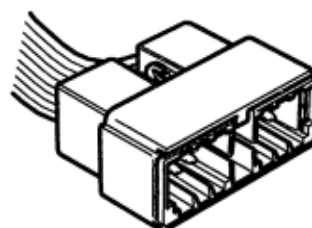
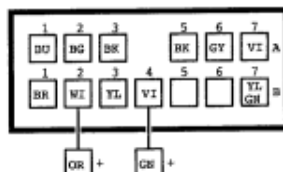
IC02A

Engine harness
Interconnector
FR-EN
23 pin
Black



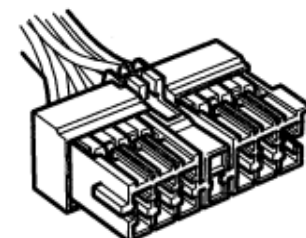
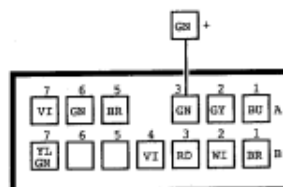
IC23B

Front harness
Interconnector
FR-RR
13 pin
Brown



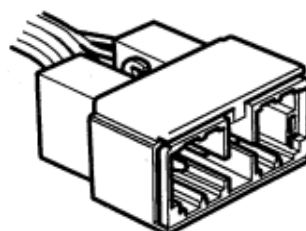
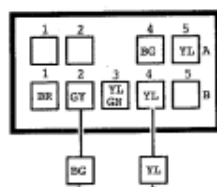
IC23B

Rear harness
Interconnector
FR-RR
13 pin
Brown



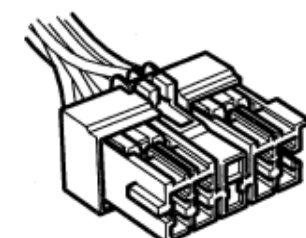
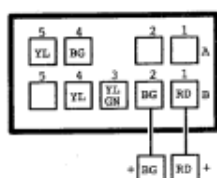
IC60

Rear harness
Interconnector
RR-TL
9 pin
Brown



IC60

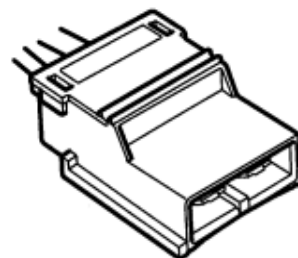
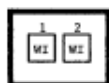
Trunk lid harness
Interconnector
TL-RR
9 pin
Brown



Colour codes

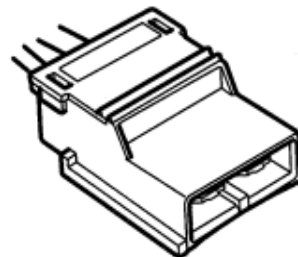
SW00A

Front harness
Ignition switch (SW00)
2 pin
Black

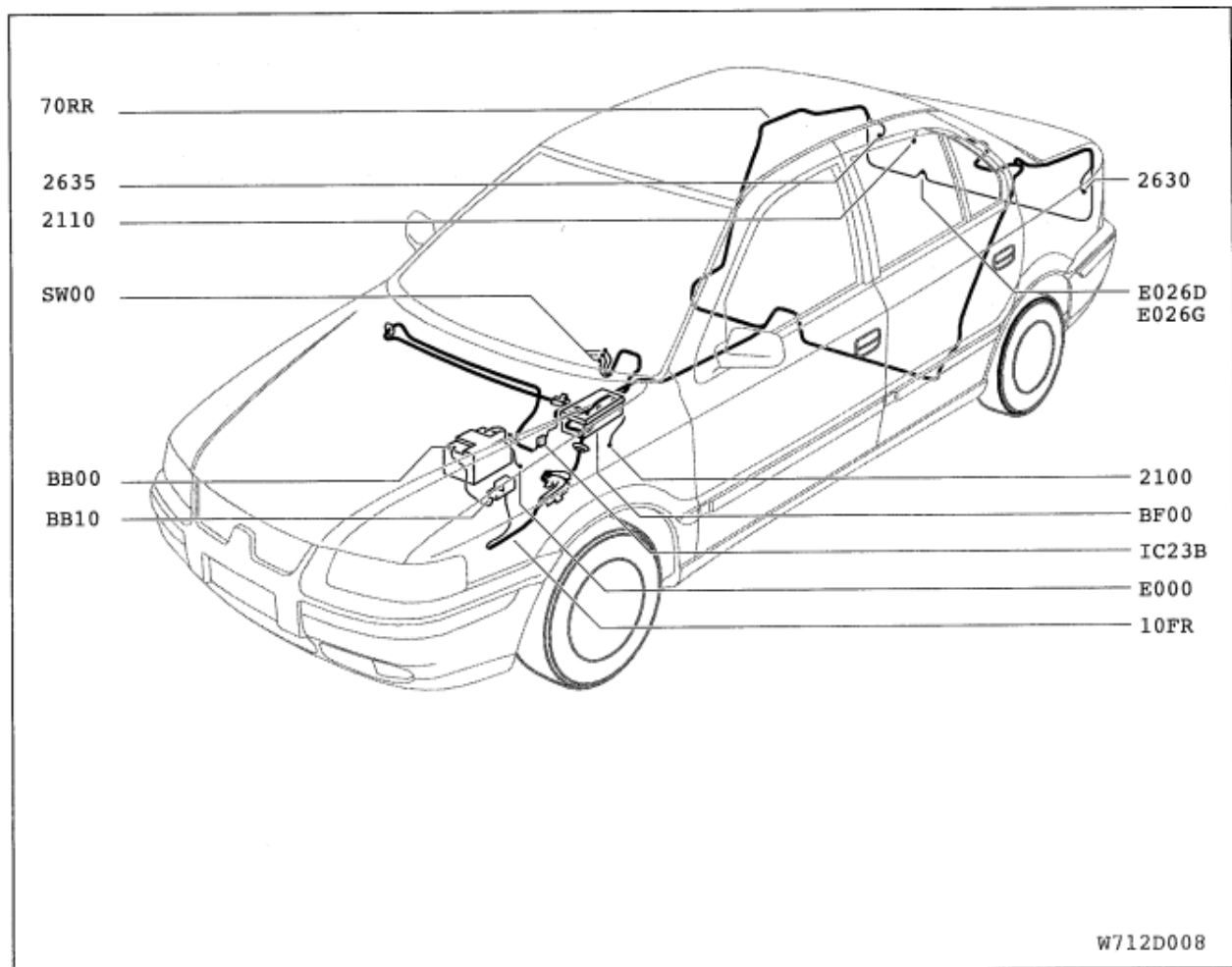


SW00B

Front harness
Ignition switch (SW00)
2 pin
Grey

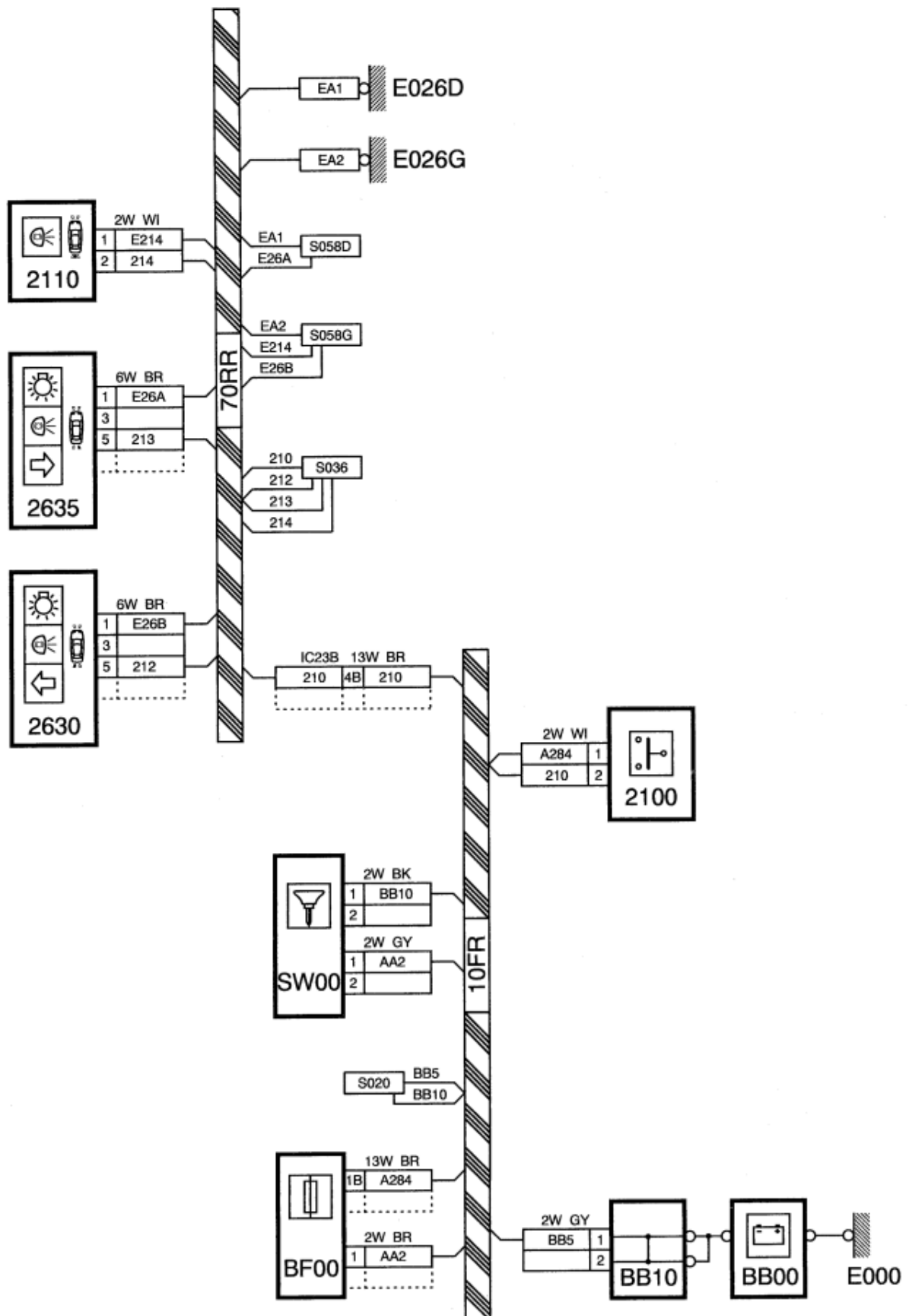


Stop lamps and Additional stop lamp



Component Number	Component Description	Connectors	Harness
2100	Stop lamp switch	2100	Front
2110	high mounted stop lamp	2110	Rear
2630	Tail light LH	2630	Rear
2635	Tail light RH	2635	Rear
BB00	Battery		Front
BB10	Branch box	BB10B	Front
BF00	Fuse box (F28)	BF00B,BF00F	Front
E000	Battery Earth point	Battery	Front
E026D	Earth point	Rear panel inner-Boot	Rear
E026G	Earth point	Rear panel inner-Boot	Rear
Interconnector	Front to Rear harness	IC23B	FR-RR
SW00	Ignition switch	SW00A,SW00B	Front

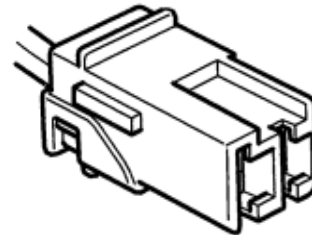
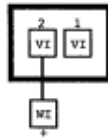
Circuit



Colour codes

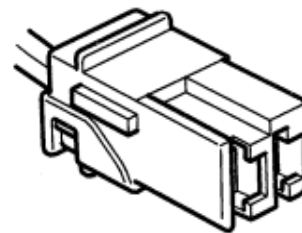
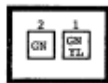
2100

Front harness
Stop lamp switch
2 pin
White



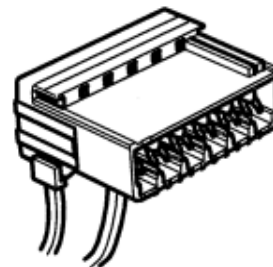
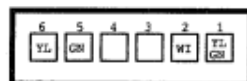
2110

Rear harness
High mounted stop lamp
2 pin
Brown



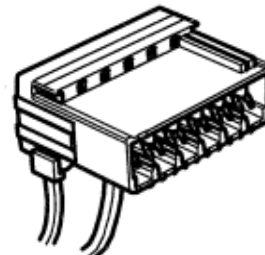
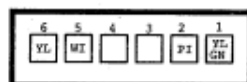
2630

Rear harness
LH tail lamp
6 pin
Brown



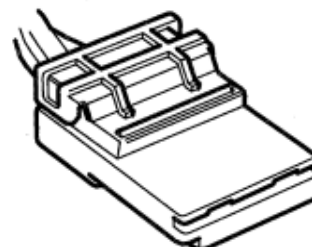
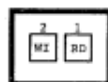
2635

Rear harness
RH Tail lamp
6 pin
Brown



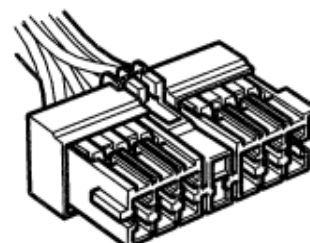
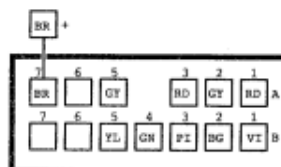
BB10B

Front harness
Branch box (BB10)
2 pin
Black



BF00B

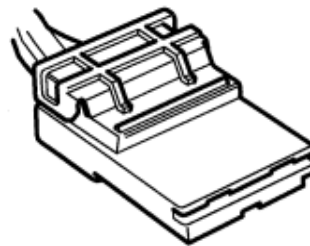
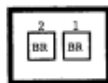
Front Harness
Fuse Box (BF00)
13 pin
Brown



Colour codes

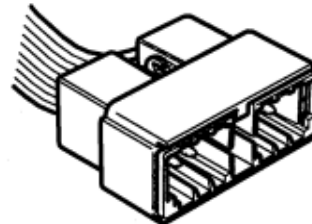
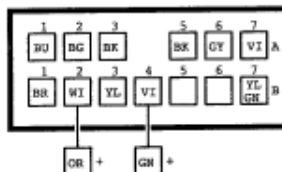
BF00F

Front harness
Fuse box (BF00)
2 pin
Brown



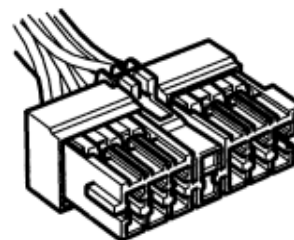
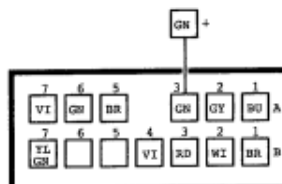
IC23B

Front harness
Interconnector
FR-RR
13 pin
Brown



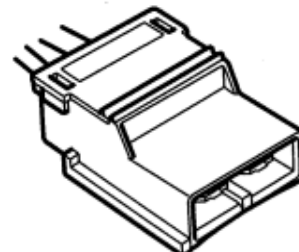
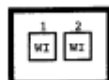
IC23B

Rear harness
Interconnector
FR-RR
13 pin
Brown



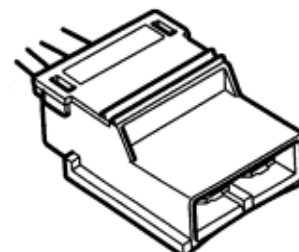
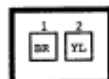
SW00A

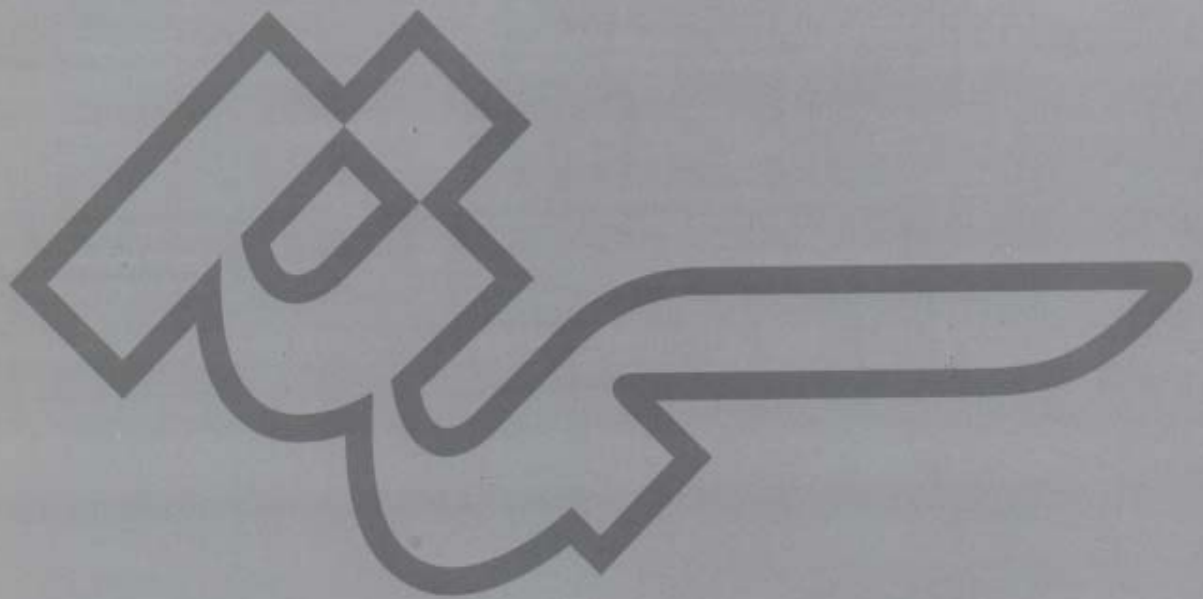
Front harness
Ignition switch (SW00)
2 pin
Black



SW00B

Front harness
Ignition switch (SW00)
2 pin
Grey





Workshop manual

راهنمای تعمیرات و سرویس

13

قسمت دوم

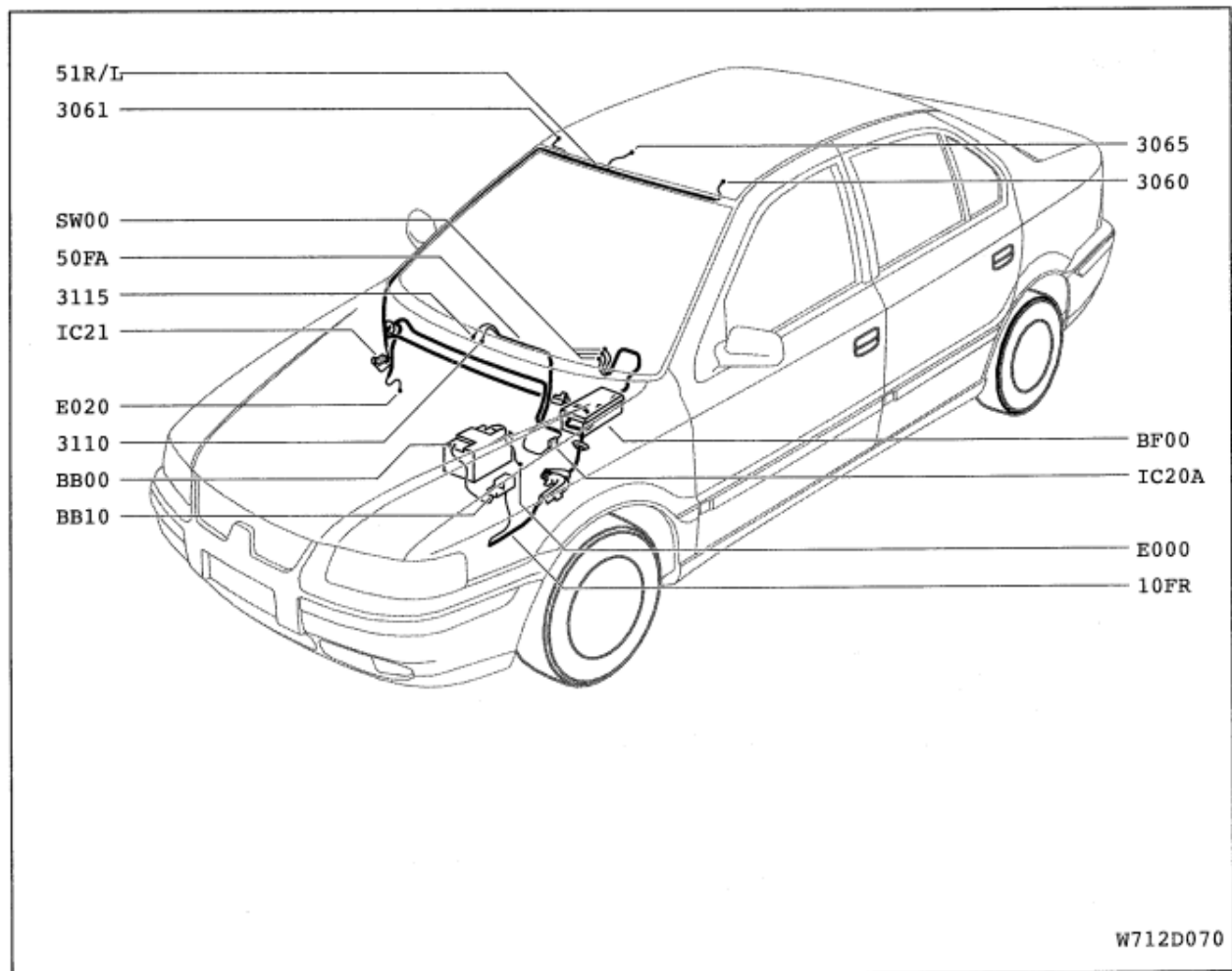
Electrical Circuits

مدارهای الکتریکی

1303R01901961/1

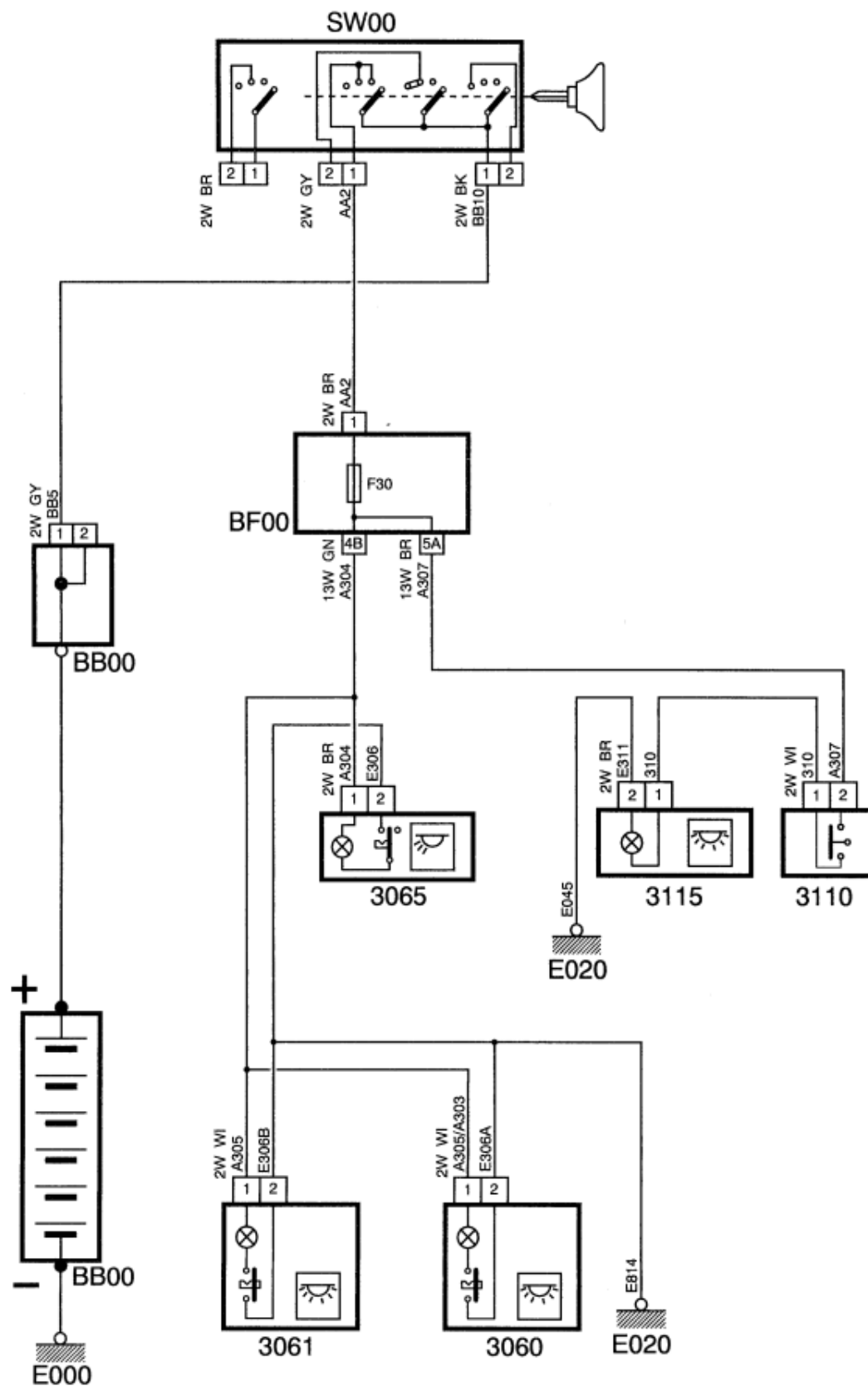
قسمت دوم

Interior lighting

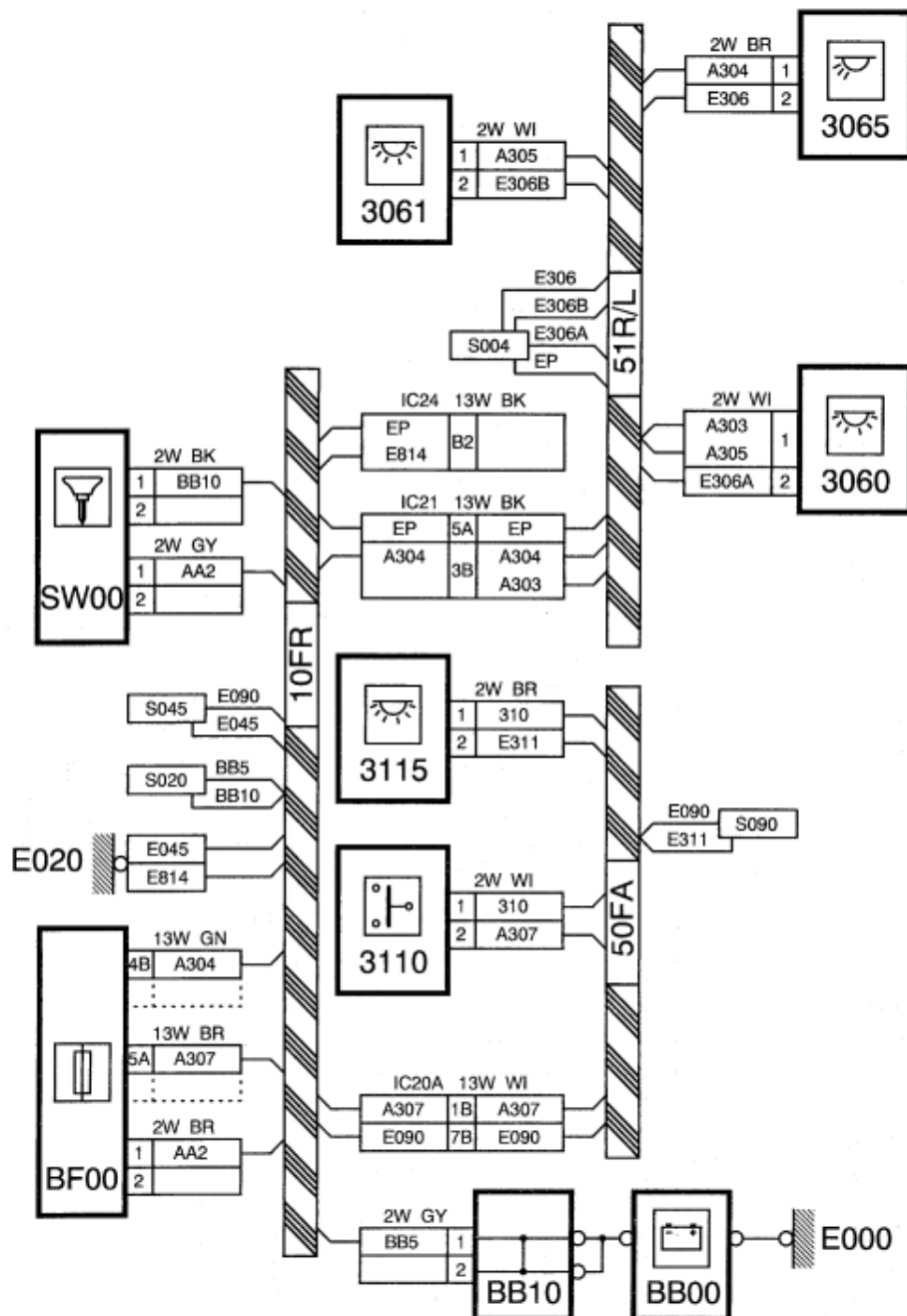


Component Number	Component Description	connectors	Harness
3060	LH sunvisor amp	3060	Front roof lamp
3061	RH sunvisor lamp	3061	Front roof lamp
3065	Map reading lamp	3065	Front roof lamp
3110	Glove box lamp switch	3110	Instrument panel
3115	Glove box lamp	3115	Instrument panel
BB00	Battery	--	Front
BB10	Branch box	BB10B	Front
BF00	Fuse box (F30)	BF00B,BF00F,BF00I	Front
E000	Battery Earth point	Battery	Front
E020	Earth point	Bottom RH-A post	Front
Interconnector	Front to instrument panel	IC20A	FR-FA
Interconnector	Front to front roof lamp	IC21	FR-R/L
SW00	Ignition switch	SW00A,SW00B	Front

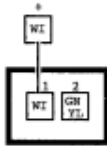
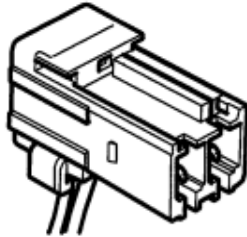
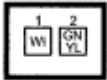
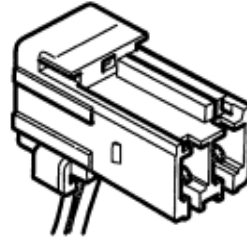
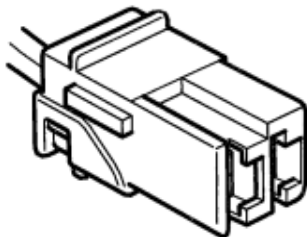
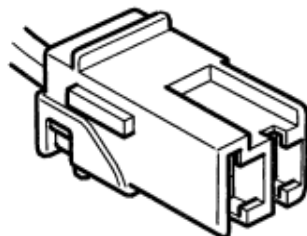
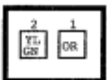
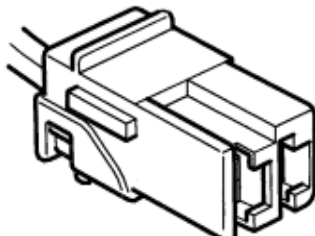
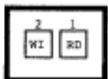
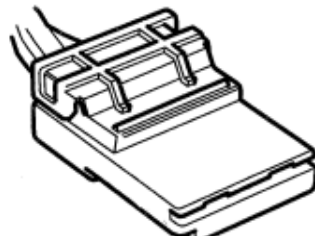
Schematic



Circuit



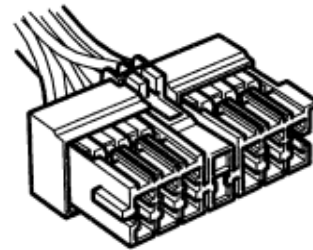
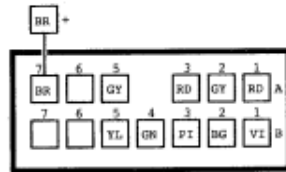
Colour codes

3060 Front roof panel harness Sun visor lamp 2 pin White	 
3061 Front roof panel harness Sunvisor lamp 2 pin White	 
3065 Front roof panel harness Map reading lamp 2 pin Brown	 
3110 Instrument panel harness Glove Box lamp switch 2 pin White	 
3115 Instrument panel harness Glove box lamp 2 pin White	 
BB10B Front harness Branch box (BB10) 2 pin Black	 

Colour codes

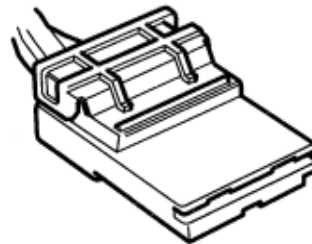
BF00B

Front Harness
Fuse Box (BF00)
13 pin
Brown



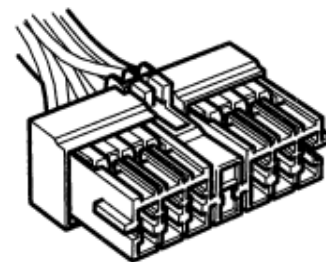
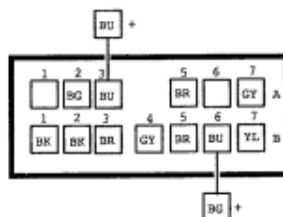
BF00F

Front harness
Fuse box (BF00)
2 pin
Brown



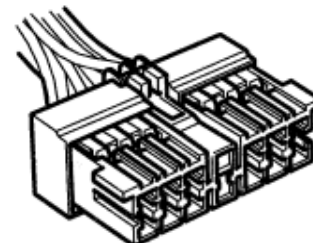
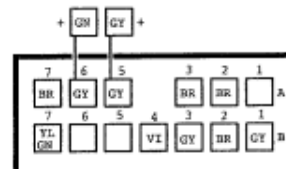
BF00I

Front harness
Fuse box (BF00)
13 pin
Green



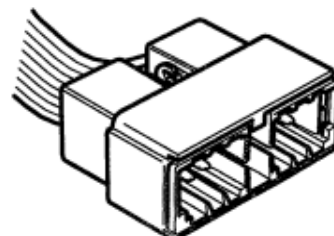
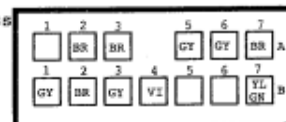
IC20A

Front harness
Interconnector
FA-FR
13 pin
White



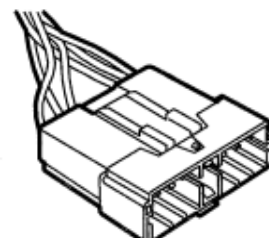
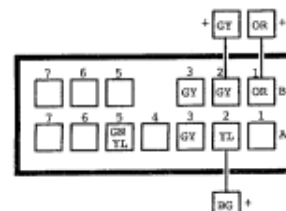
IC20A

Instrument panel harness
Interconnector
FA-FR
13 pin
White



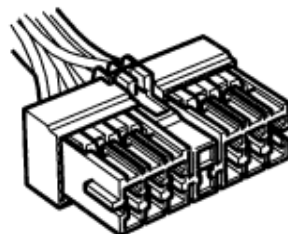
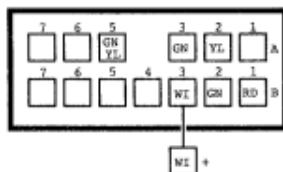
IC21

Front harness
Interconnector
FR-RFL
13 pin
Black

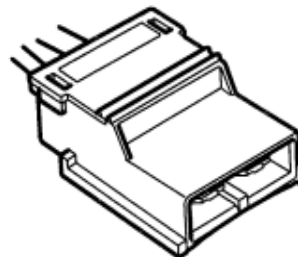
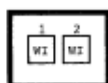


IC21

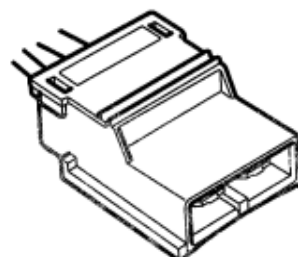
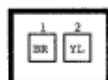
Roof lamp harness
Interconnector
FR-RPL
13 pin
Black



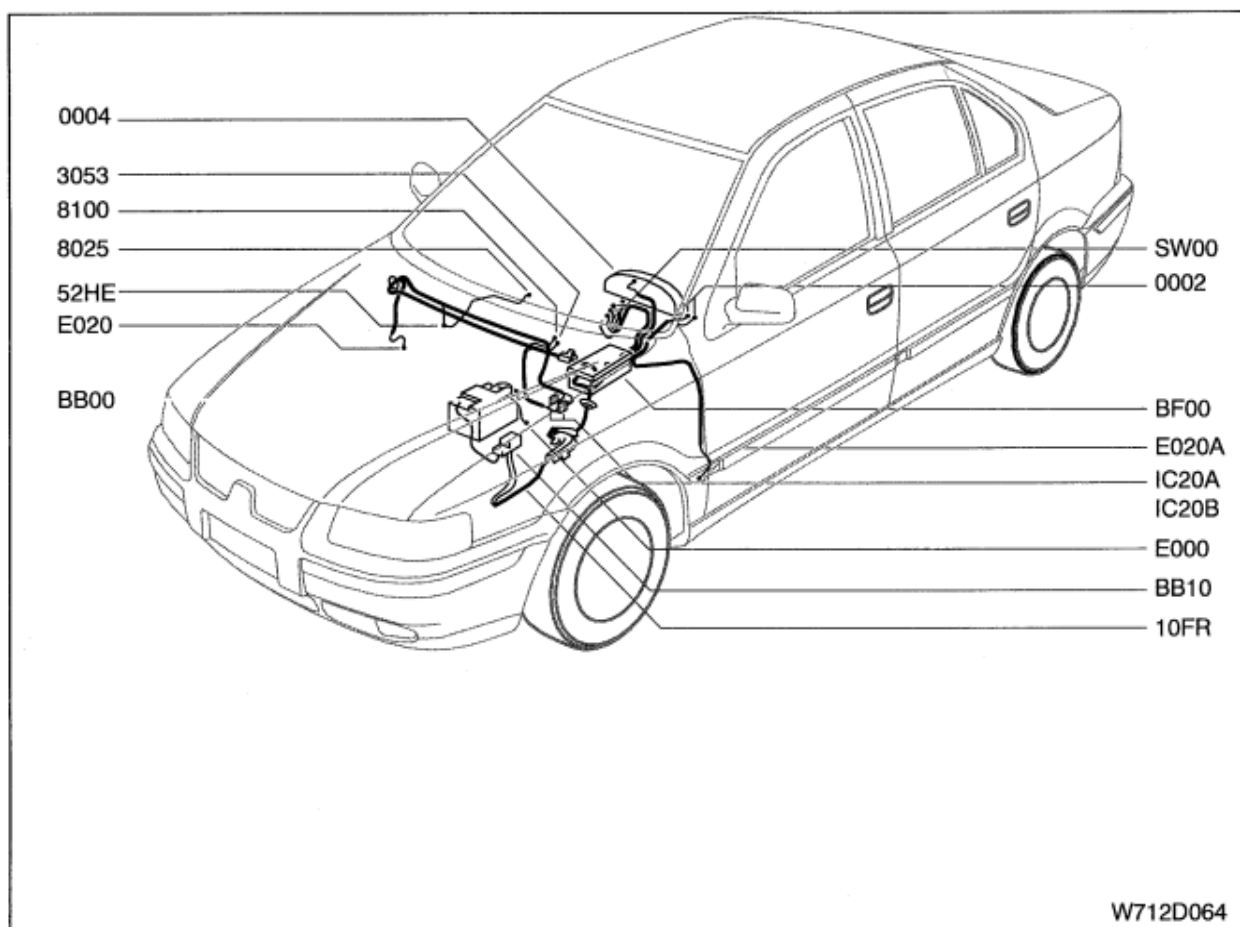
Front harness
Ignition switch (SW00)
2 pin
Black



Front harness
Ignition switch (SW00)
2 pin
Grey



Lighting rheostat and cigar lighter



W712D064

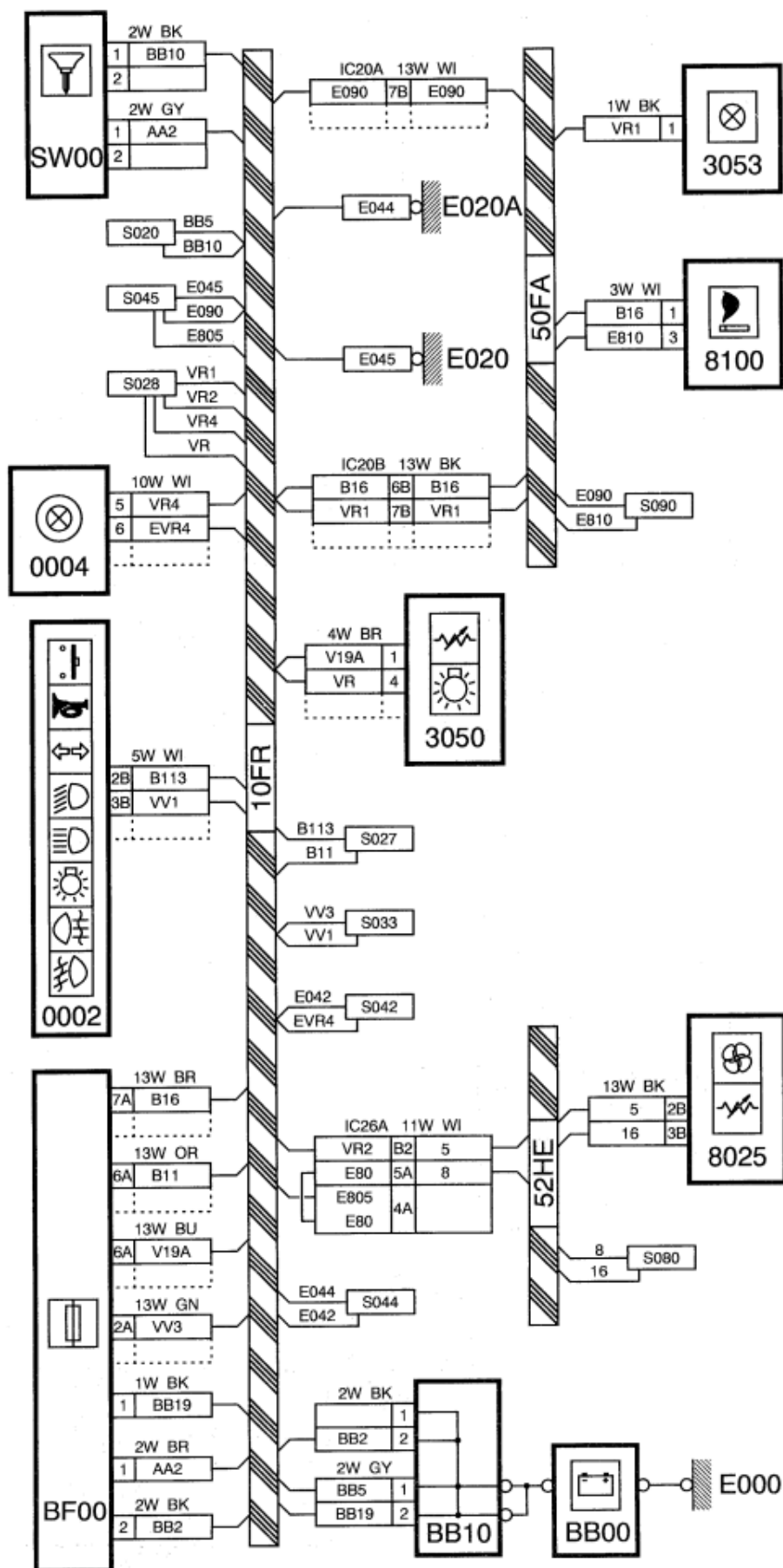
Component Number	Component Description	connectors	Harness
0002	Lighting and signaling switch	2600A	Front
0004	Instrument cluster	0004C	Front
3050	lighting rheostat	3050	Front
3053	Cigar lighter lamp	3053	Instrument panel
8025	heater panel	8025	Heater harness
8100	Front cigar lighter	8100	Instrument panel
BB00	Battery	--	Front
BB10	Branch box	BB10A, BB10B	Front
BF00	Fuse box (F16, F16A, F11, F19)	BF00A, BF00B, BF00D, BF00E , BF00F, BF00I, BF00J	Front
E000	Battery earth point	Battery	Front
E020A	Earth point	Bottom LH-A post	Front
Interconnector	Front to instrument panel harness	IC20A, IC20B	FR-FA
Interconnector	Front to heater harness	IC26A	FR-HE
SW00	Ignition switch	SW00A, SW00B	Front

The diagram illustrates the electrical system for a vehicle, featuring a battery at the bottom left connected to a ground point E000. The system includes several key components and their interconnections:

- Battery and Grounding:** The battery (+) is connected to a ground point E000. Other ground points include E020, E020A, and E045.
- SW00 (Switches):** Located at the top, this unit contains four switches labeled 2W BR, 2W GY, 2W BK, and 2W BK. It is connected to a 2W GY terminal (BB5) and a 2W BK terminal (BB10).
- BB10 (Relay/Control Unit):** This unit is connected to the 2W GY terminal (BB5) and the 2W BK terminal (BB10). It has a 1W BK terminal (VR1) connected to a 3053 light.
- BF00 (Relay/Control Unit):** This unit is connected to the 2W GY terminal (BB5) and the 2W BK terminal (BB10). It has a 1W BK terminal (VR1) connected to a 3053 light.
- 0002 (Switches):** This unit contains four switches labeled 9W BK, 5W WI, 13W GN, and 13W BU. It is connected to a 13W BU terminal (V19A) and a 13W GN terminal (V19A).
- 0004 (Switches):** This unit contains two switches labeled 10W WI and 10W WI. It is connected to a 10W WI terminal (VR4) and a 10W WI terminal (VR4).
- 8025 (Relay/Control Unit):** This unit is connected to the 10W WI terminal (VR4) and a 10W WI terminal (VR4). It has a 10W WI terminal (VR4) connected to a 10W WI terminal (VR4).
- 8100 (Relay/Control Unit):** This unit is connected to the 10W WI terminal (VR4) and a 10W WI terminal (VR4). It has a 10W WI terminal (VR4) connected to a 10W WI terminal (VR4).
- 3050 (Relay/Control Unit):** This unit is connected to the 10W WI terminal (VR4) and a 10W WI terminal (VR4). It has a 10W WI terminal (VR4) connected to a 10W WI terminal (VR4).
- 3053 (Light):** A 1W BK light connected to the 1W BK terminal (VR1) of the BB10 unit.
- E000, E020, E020A, E045:** Ground points for the battery, various lights, and other components.

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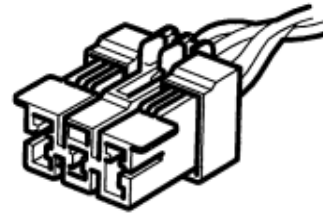
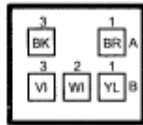
Circuit



Colour codes

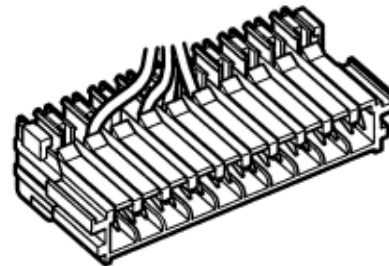
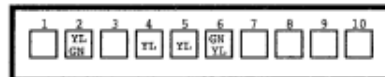
2600A

Front harness
Light switch
5 pin
White



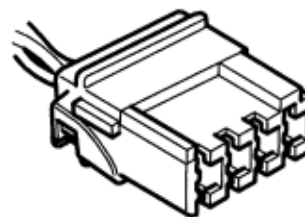
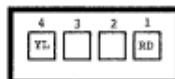
0004C

Front harness
Instrument cluster (0004)
10 pin
White



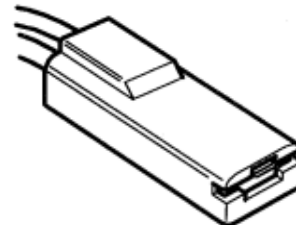
3050

Front harness
Lighting rheostat
4 pin
Brown



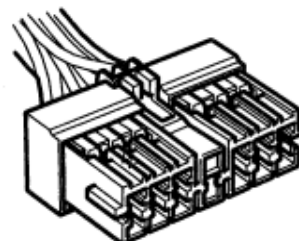
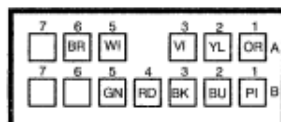
3053

Instrument panel harness
Cigar lighter lamp
1 pin
Black



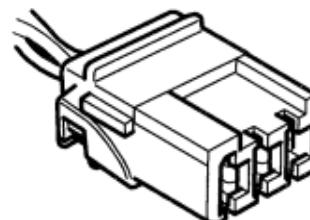
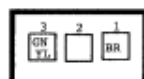
8025

Heater harness
Heater panel
13 pin
Black

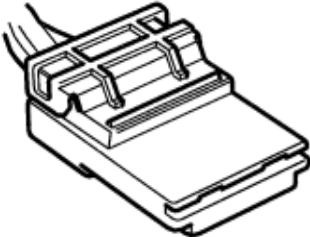
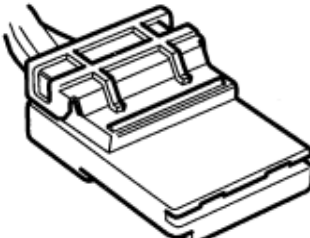
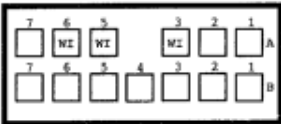
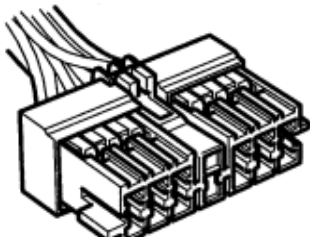
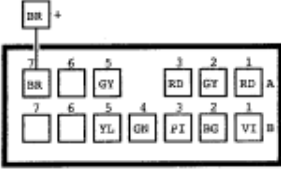
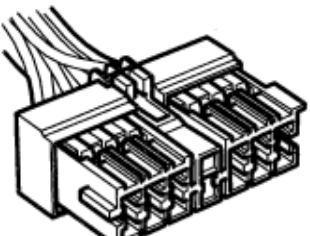
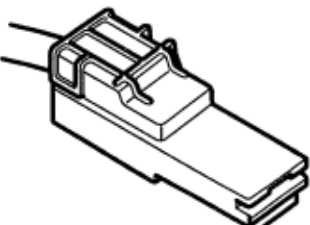
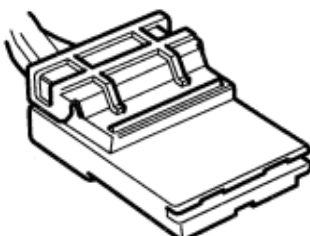


8100

Instrument panel harness
Front cigar lighter
3 pin
White



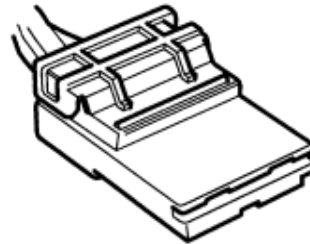
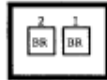
Colour codes

BB10A Front harness Branch box (BB10) 2 pin Black	 
BB10B Front harness Branch box (BB10) 2 pin Black	 
BF00A Front Harness Fuse Box (BF00) 13 pin Orange	 
BF00B Front Harness Fuse Box (BF00) 13 pin Brown	 
BF00D Front Harness Fuse Box (BF00) 1 pin Black	 
BF00E Front harness Fuse box (BF00) 2 pin Black	 

Colour codes

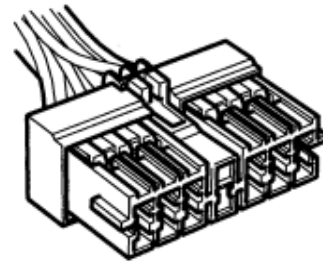
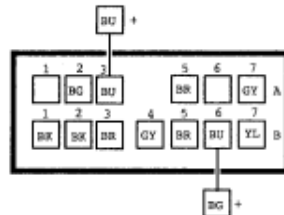
BF00F

Front harness
Fuse box (BF00)
2 pin
Brown



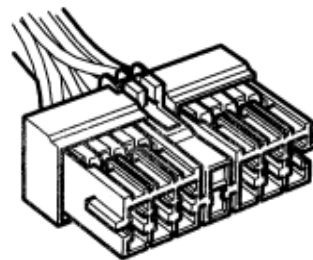
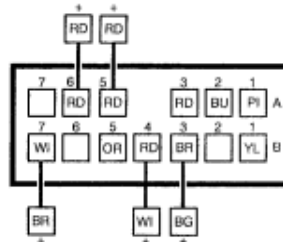
BF00I

Front harness
Fuse box (BF00)
13 pin
Green



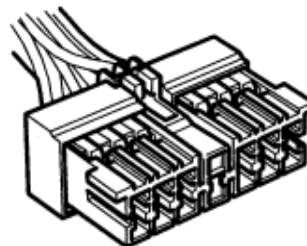
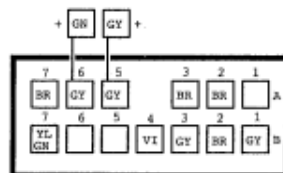
BF00J

Front harness
Fuse box (BF00)
13 pin
Blue



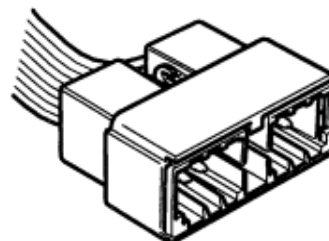
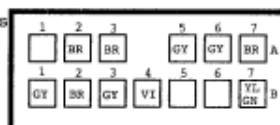
IC20A

Front harness
Interconnector
FA-FR
13 pin
White



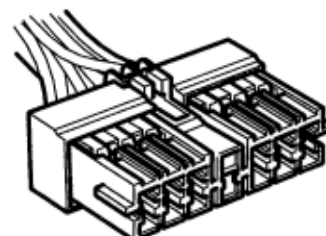
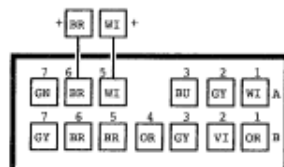
IC20A

Instrument panel harness
Interconnector
FA-FR
13 pin
White



IC20B

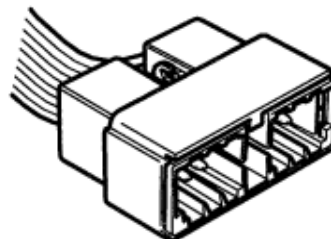
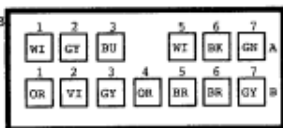
Front harness
Interconnector
FA-FR
13 pin
Black



Colour codes

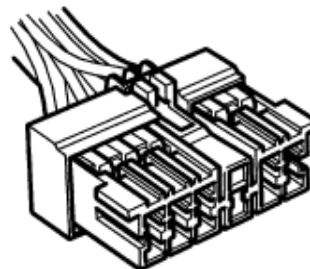
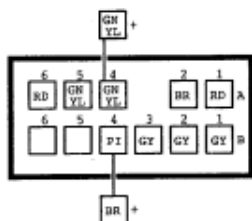
IC20B

Instrument panel harness
Interconnector
FA-FR
13 pin
Black



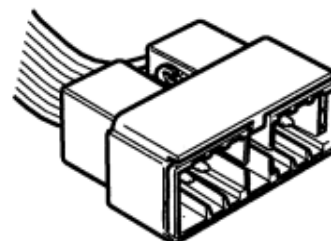
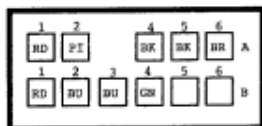
IC26A

Front harness
Interconnector
FR-HE
11 pin
White



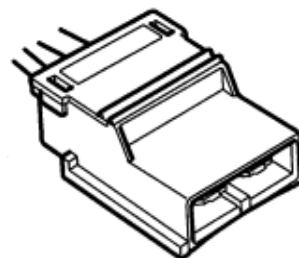
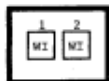
IC26A

Heater harness
Interconnector
FR-HE
11 pin
White



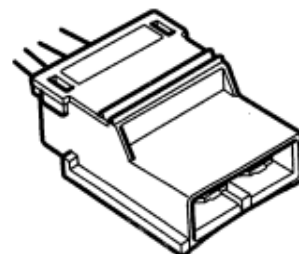
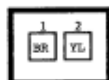
SW00A

Front harness
Ignition switch (SW00)
2 pin
Black

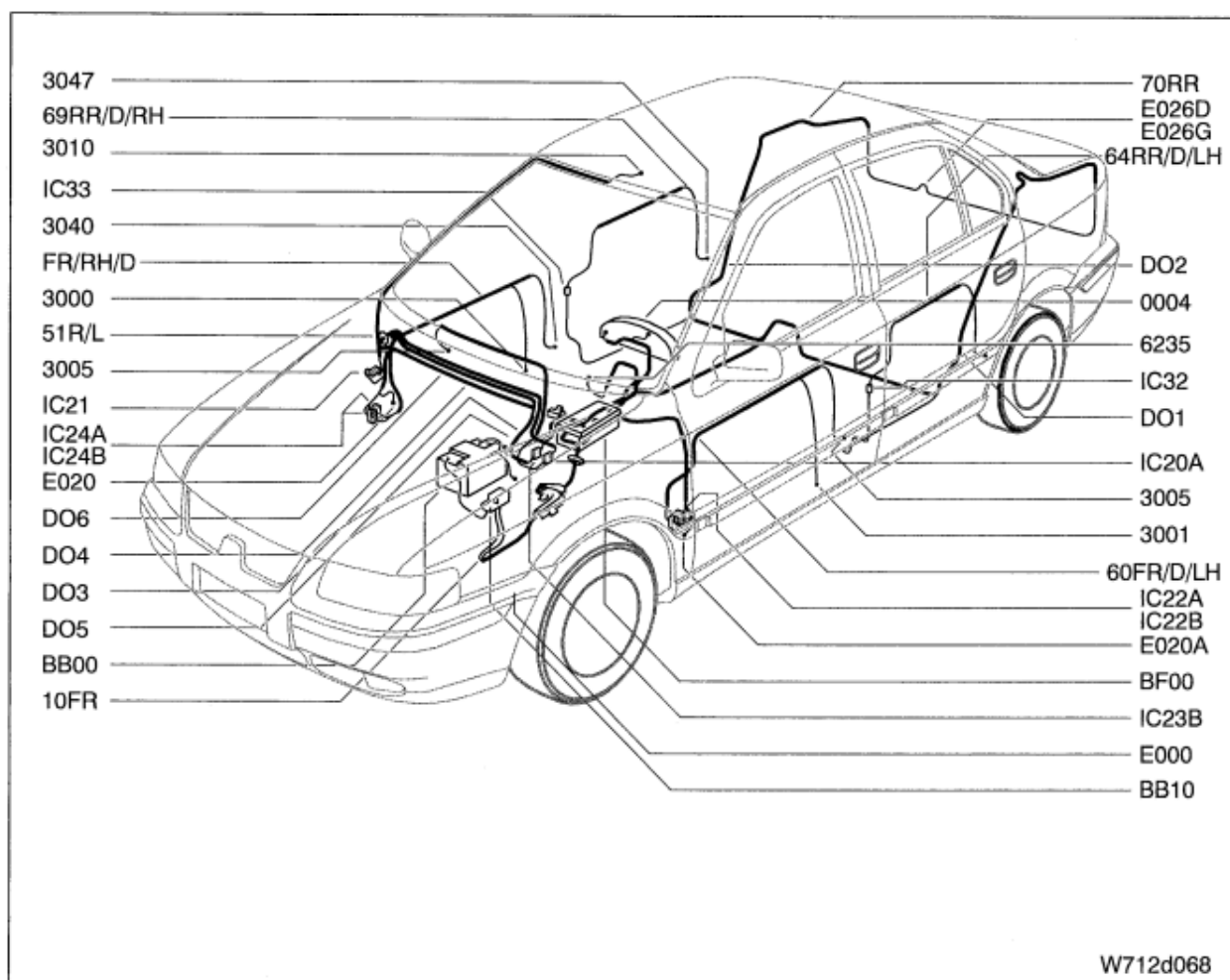


SW00B

Front harness
Ignition switch (SW00)
2 pin
Grey



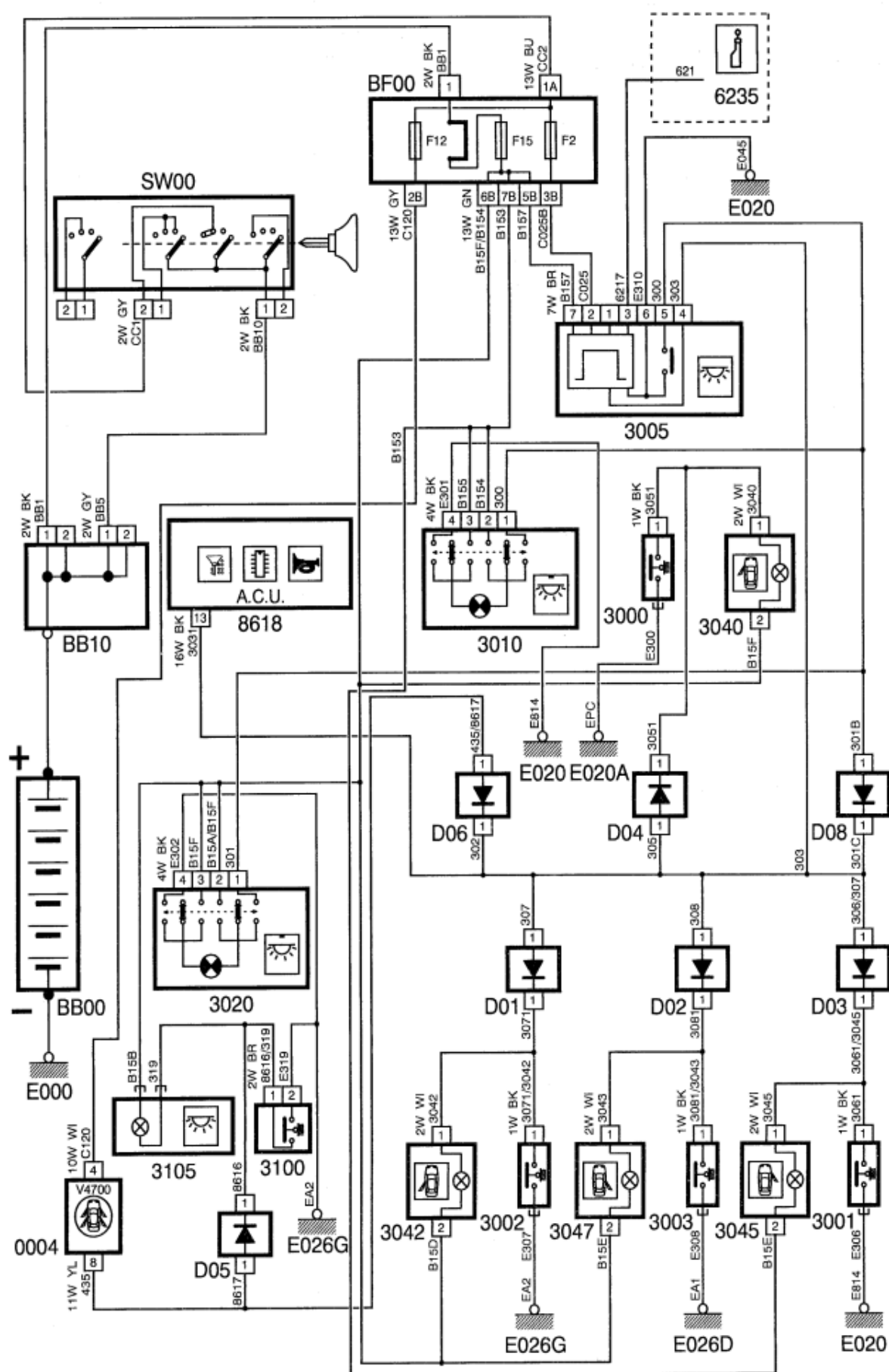
Door lamps (Timed)



Component Number	Component Description	Connectors	Harness
0004	Instrument cluster(V4700=Door open warning lamp)	0004A,0004C	Front
3000	Door contact switch	3000,3000A	Front door (LH)
3001	Door contact switch	3001,3001A	Front door (RH)
3002	Door contact switch	3002,3002A	Rear
3003	Door contact switch	3003,3003A	Rear
3005	Roof lamp timer	3005	Instrument panel
3010	Roof lamp	3010	Front roof lamp
3020	Rear roof lamp	3020	Rear
3040	Door lamp	3040	Front door (LH)
3042	Door lamp	3042	Rear door (LH)
3045	Door lamp	3045	Front door (RH)
3047	Door lamp	3047	Rear door (RH)
3100	Trunk lamp switch	3100	Rear
3105	Trunk lamp	3105A,3105B	Rear
6245	Door lock switch	6245 (6205)	Front door (RH)
BB00	Battery	--	Front
BB10	Branch box	BB10A,BB10B	Front
BF00	Fuse box (F2,F12,F15)	BF00C,BF00E,BF00I,BF00J	Front
E000	Battery earth point	Battery	Front
E020	Earth point	Bottom RH-A Post	Front
E020A	Earth point	Bottom LH-A Post	Front
E026D	Earth point	Rear panel inner-Boot	Rear

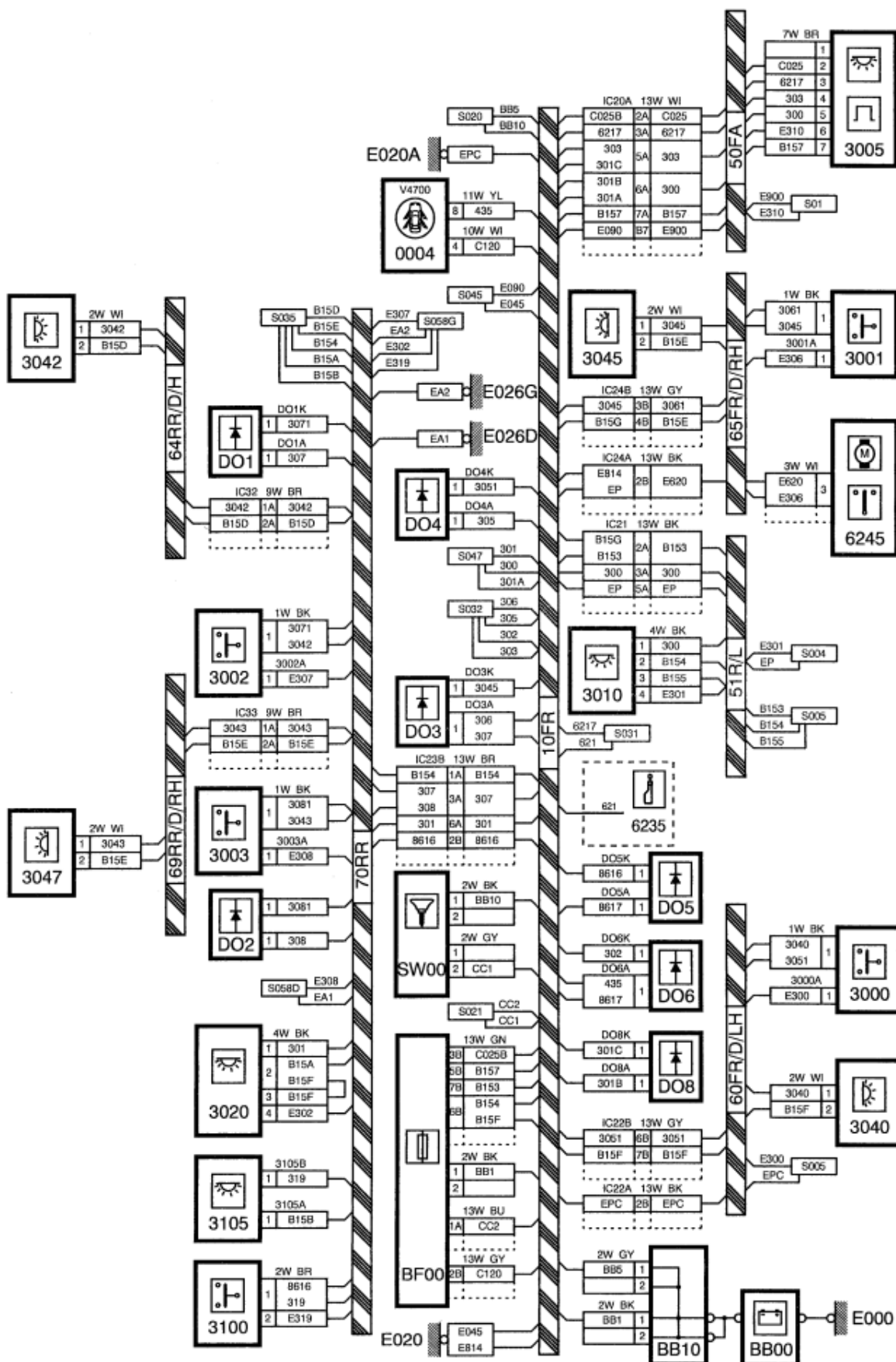
Component Number	Component Description	Connectors	Harness
E026G	Earth point	Rear panel inner-Boot	Rear
Interconnector	Front to instrument panel harness	IC20A	FA-FR
Interconnector	Front to instrument panel harness	IC21	FR-R/L
Interconnector	Front to front door harness(LH)	IC22A	FR-FR/LH/D
Interconnector	Front to front door harness(LH)	IC22B	FR-FR/LH/D
Interconnector	Front to rear harness	IC23B	FR-RR
Interconnector	Front of front door harness(RH)	IC24A	FR-FR/D/RH
Interconnector	Front of front door harness(RH)	IC24B	FR-FR/D/RH
Interconnector	Rear to rear door harness(LH)	IC32	RR/D/L-RR
Interconnector	Rear to rear door harness(RH)	IC33	RR/D/R-RR
SW00	Ignition switch	SW00A,SW00B	Front

Schematic



W712D131

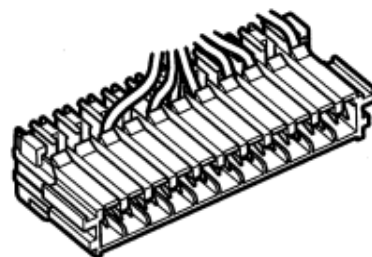
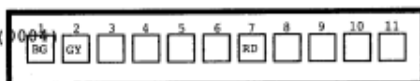
Circuit



Colour codes

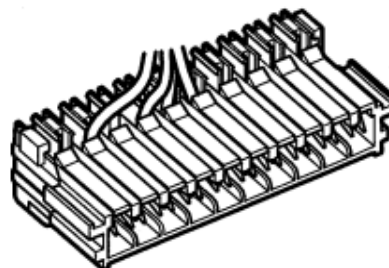
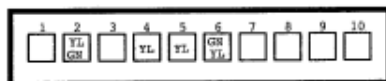
0004A

Front harness
Instrument cluster (0004)
11 pin
Yellow



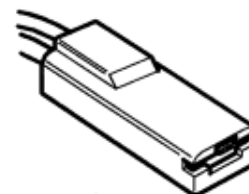
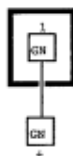
0004C

Front harness
Instrument cluster (0004)
10 pin
White



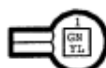
3000

Front door harness LH
Door contact switch
1 pin
Black



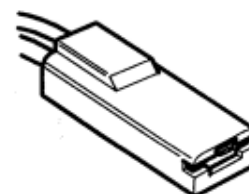
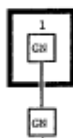
3000A

LH front door harness
Door contact switch
1 pin



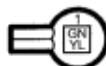
3001

Front door harness RH
Door contact switch
1 pin
Black

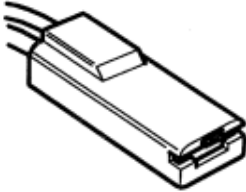
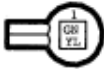
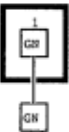
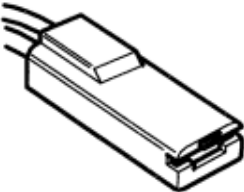
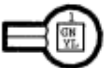
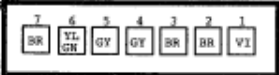
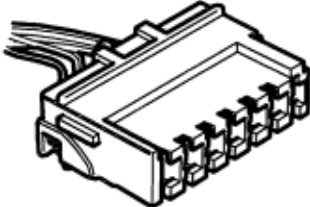
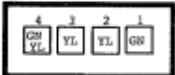
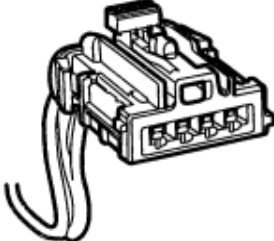


3001A

Front door harness
Door contact switch
1 pin



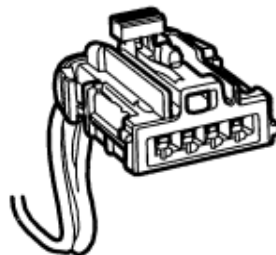
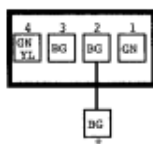
Colour codes

3002 Rear harness Door contact switch 1 pin Black 	
3002A Rear harness Door contact switch 1 pin 	
3003 Rear harness Door contact switch 1 pin Black 	
3003A Rear harness Door contact switch 1 pin 	
3005 Instrument panel harness Roof lamp timer 7 pin Brown 	
3010 Front roof lamp harness Roof lamp 4 pin Black 	

Colour codes

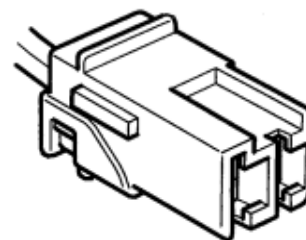
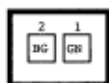
3020

Rear harness
Rear roof lamp
4 pin
Brown



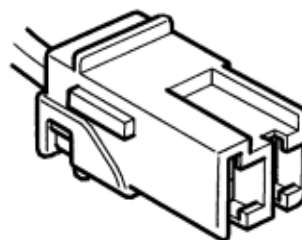
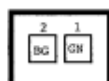
3040

Front door harness LH
Door lamp
2 pin
White



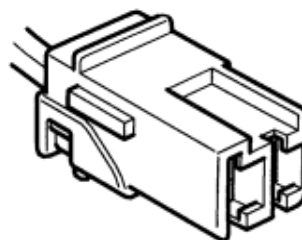
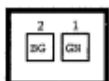
3042

Rear door harness LH
Door lamp
2 pin
White



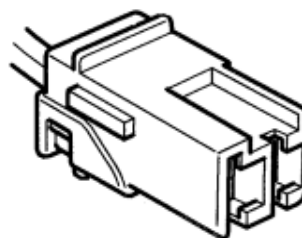
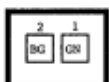
3045

Front door harness RH
Door lamp
2 pin
White



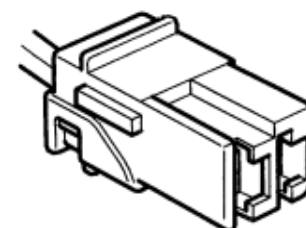
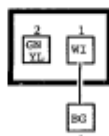
3047

Rear door harness RH
Door lamp
2 pin
White



3100

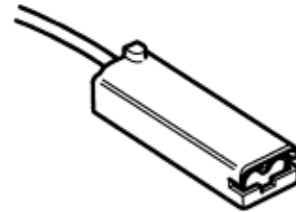
Rear harness
Trunk lamp switch
2 pin
Brown



Colour codes

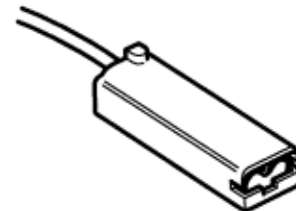
3105A

Rear harness
Trunk lamp
1 pin
Black



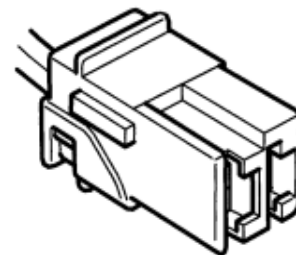
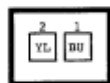
3105B

Rear harness
Trunk lamp
1 pin
Black



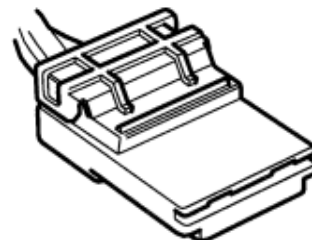
6245

RH front door harness
Door lock motor
2 pin
Brown



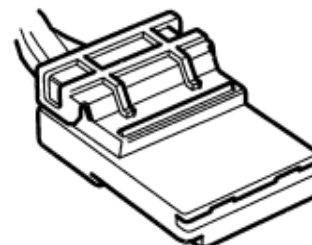
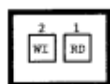
BB10A

Front harness
Branch box (BB10)
2 pin
Black



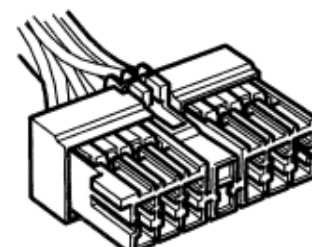
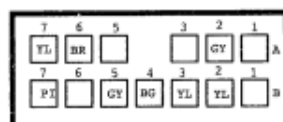
BB10B

Front harness
Branch box (BB10)
2 pin
Black



BF00C

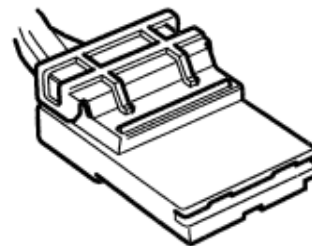
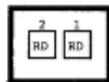
Front harness
Fuse box (BF00)
13 pin
Grey



Colour codes

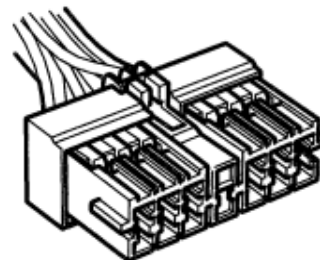
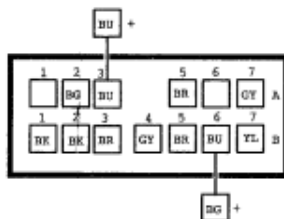
BF00E

Front harness
Fuse box (BF00)
2 pin
Black



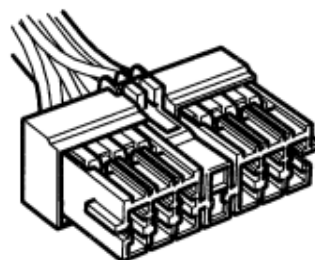
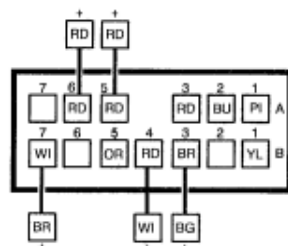
BF00I

Front harness
Fuse box (BF00)
13 pin
Green



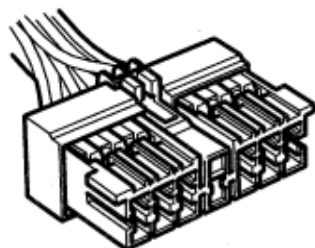
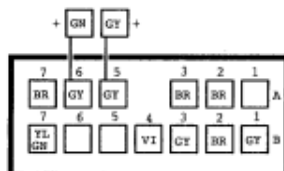
BF00J

Front harness
Fuse box (BF00)
13 pin
Blue



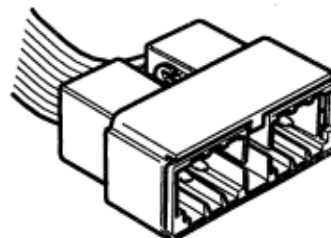
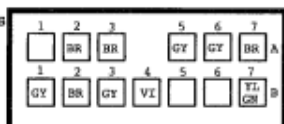
IC20A

Front harness
Interconnector
FA-FR
13 pin
White



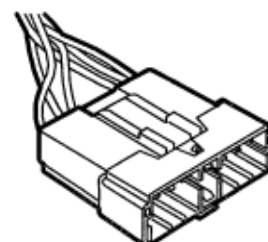
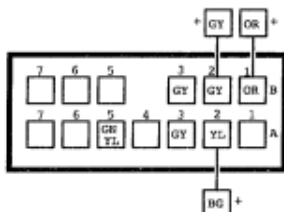
IC20A

Instrument panel harness
Interconnector
FA-FR
13 pin
White



IC21

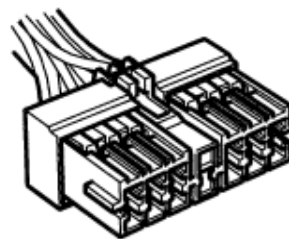
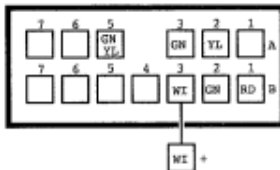
Front harness
Interconnector
FR-RFL
13 pin
Black



Colour codes

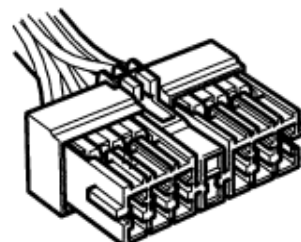
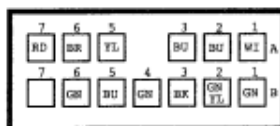
IC21

Roof lamp harness
Interconnector
FR-RFL
13 pin
Black



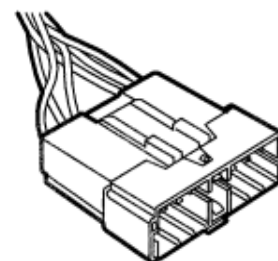
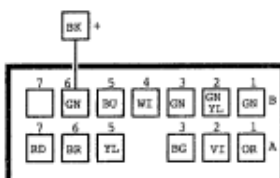
IC22A

Front door harness LH
Interconnector
FR-FR/LH/D
13 pin
Black



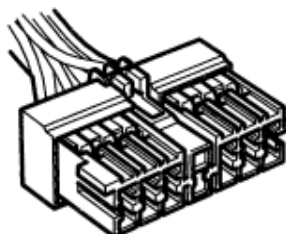
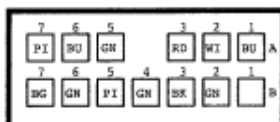
IC22A

Front harness
Interconnector
FR-FR/LH/D
13 pin
Black



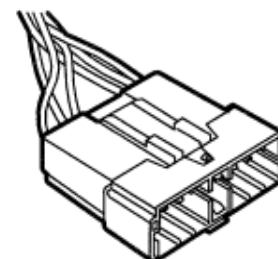
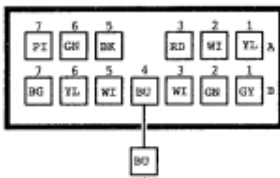
IC22B

Front door harness LH
Interconnector
FR-FR/LH/D
13 pin
Grey



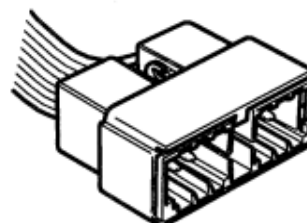
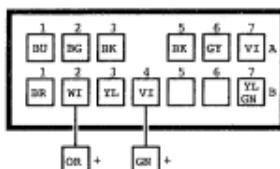
IC22B

Front harness
Interconnector
FR-FR/LH/D
13 pin
Grey



IC23B

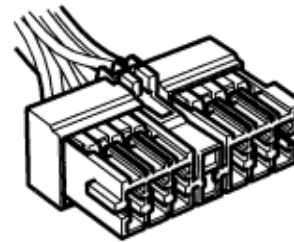
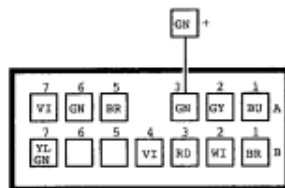
Front harness
Interconnector
FR-RR
13 pin
Brown



Colour codes

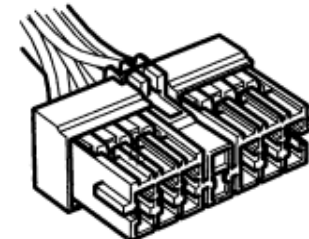
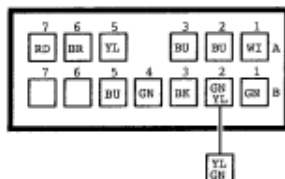
IC23B

Rear harness
Interconnector
FR-RR
13 pin
Brown



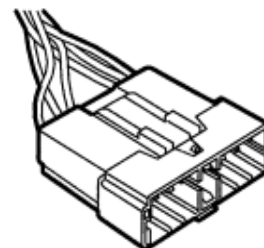
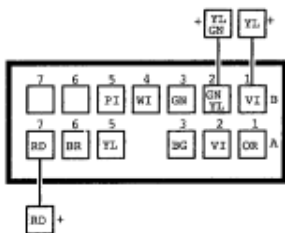
IC24A

Front door harness RH
Interconnector
FR-FR/RH/D
13 pin
Black



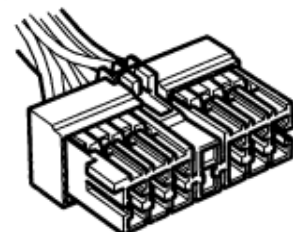
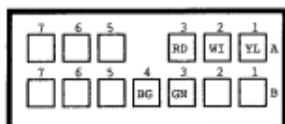
IC24A

Front harness
Interconnector
FR-FR/RH/D
13 pin
Black



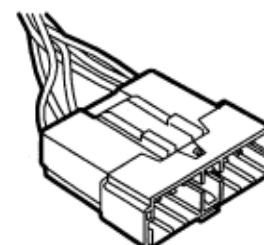
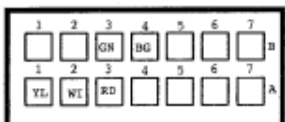
IC24B

Front door harness
Interconnector
FR-FR/RH/D
13 pin
Grey



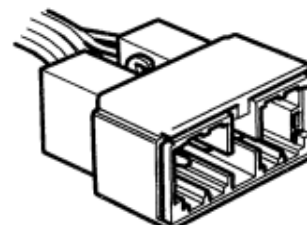
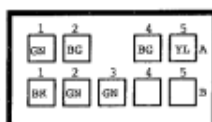
IC24B

Front harness
Interconnector
FR-FR/RH/D
13 pin
Grey



IC32

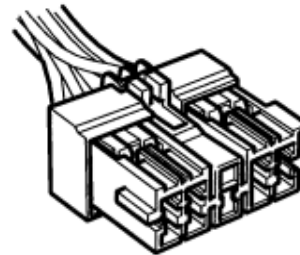
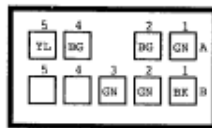
Rear door harness (LH)
Interconnector
RR-RR/D/L
9 pin
Brown



Colour codes

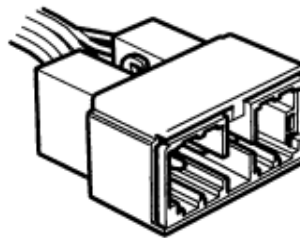
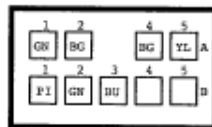
IC32

Rear harness
Interconnector
RR-RR/D/L
9 pin
Brown



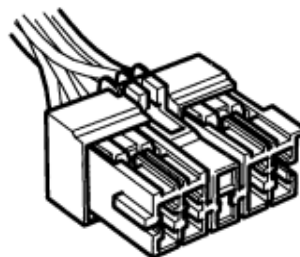
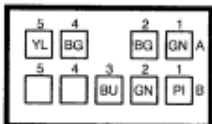
IC33

Rear door harness (RH)
Interconnector
RR-RR/D/R
9 pin
Brown



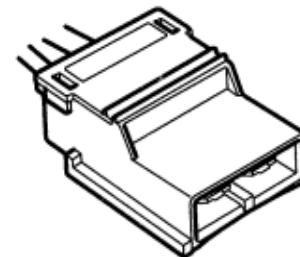
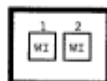
IC33

Rear harness
Interconnector
RR-RR/D/L
9 pin
Brown



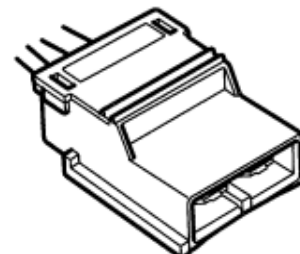
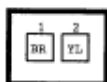
SW00A

Front harness
Ignition switch (SW00)
2 pin
Black



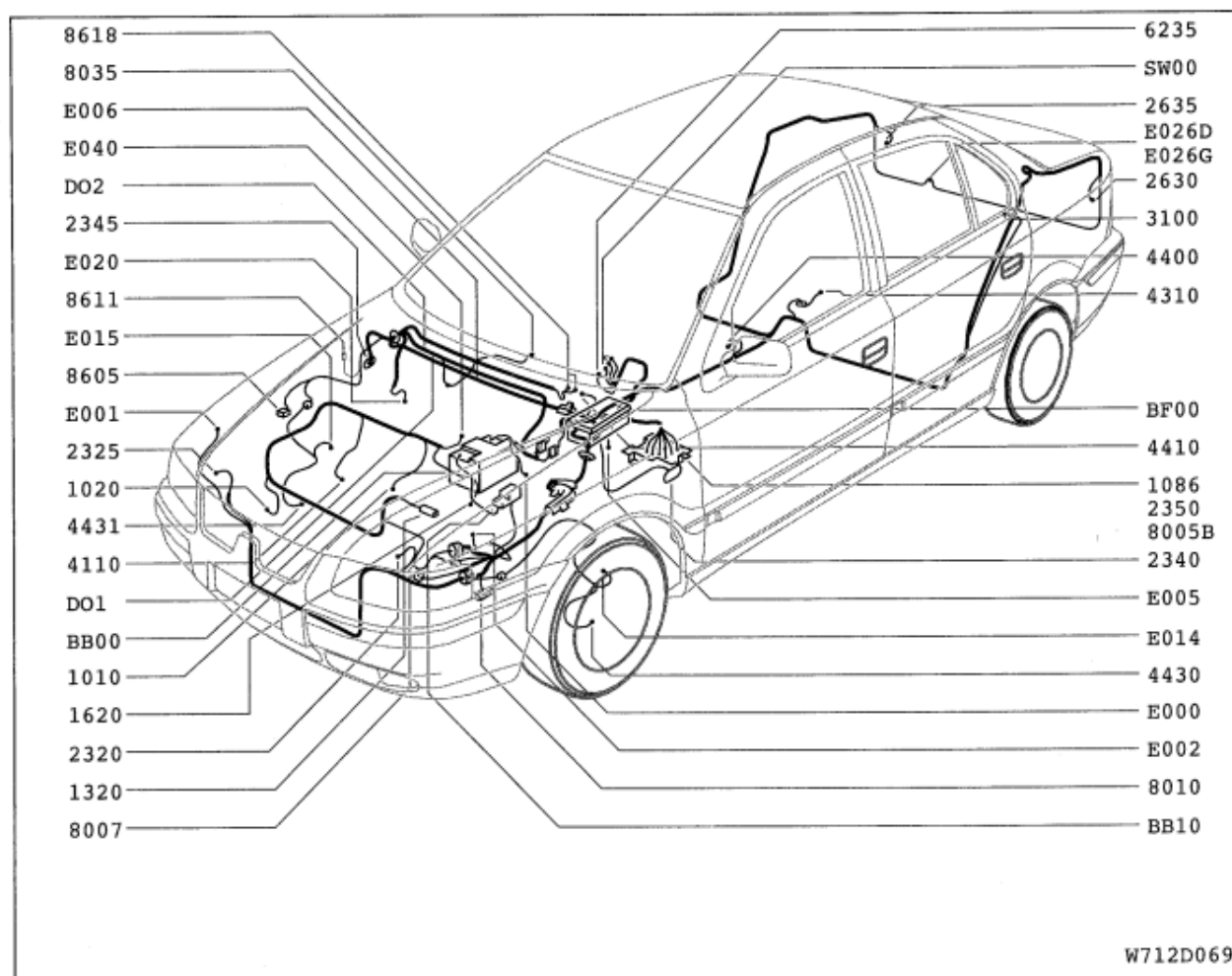
SW00B

Front harness
Ignition switch (SW00)
2 pin
Grey



Driver Information

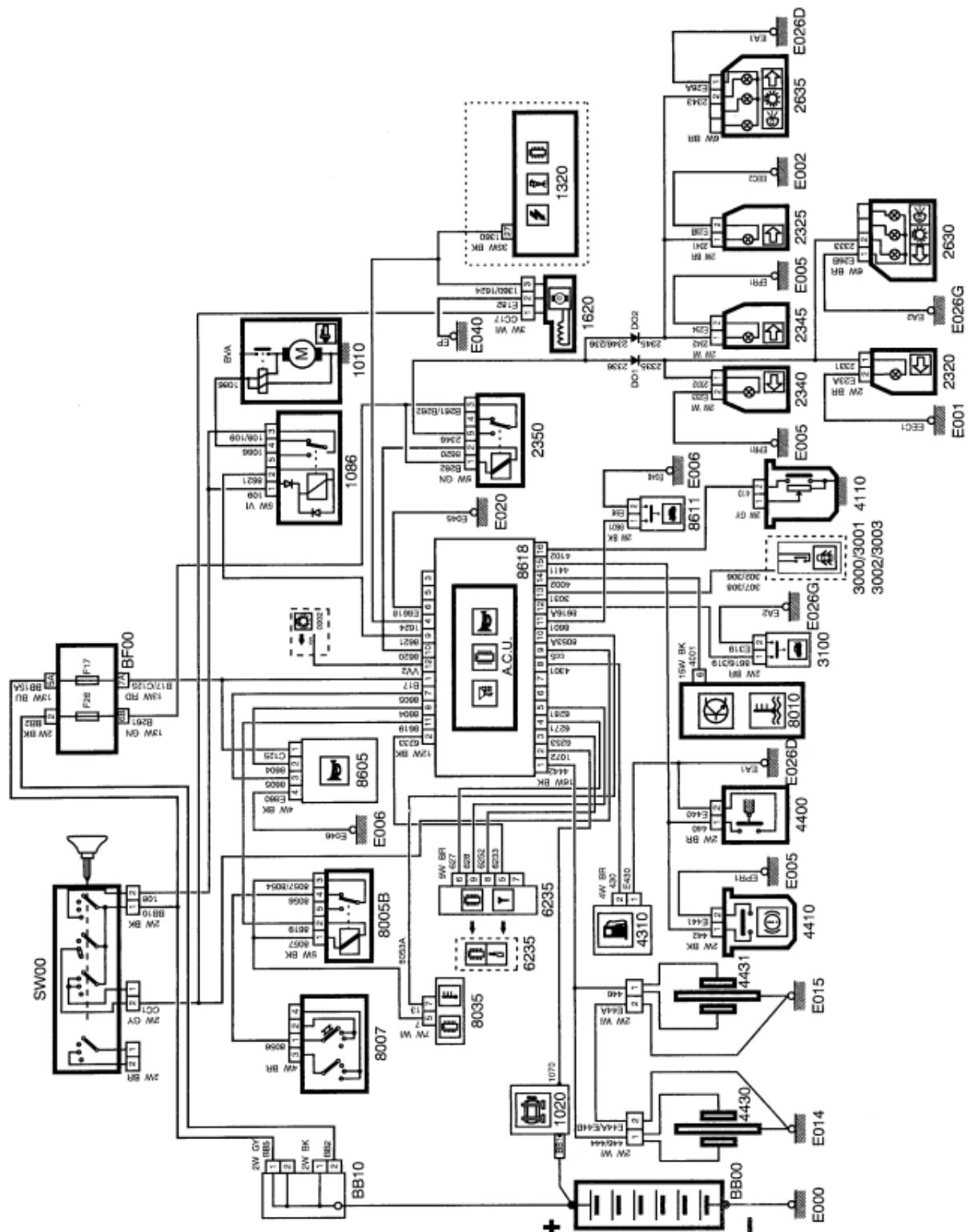
Alarm control unit (A.C.U.)



Component Number	Component Description	Connectors	Harness
1010	Starter	1010	Engine
1020	Alternator	1020	Engine
1086	Start relay	1086	Front
1320	Ignition injection control unit	1320	Engine
1620	Vehicle speed sensor	1620	Engine
2320	LH direction indicator lamp	2320	Front panel
2325	RH direction indicator lamp	2325	Front panel
2340	LH side repeater flasher	2340	Front
2345	RH side repeater flasher	2345	Front
2350	Flasher relay	2350	Front
2630	LH tail light	2630	Rear
2635	RH tail light	2635	Rear
3100	Trunk lamp switch	3100	Rear

Component Number	Component Description	Connectors	Harness
4110	Oil pressure switch	4110	Engine
4310	Fuel gauge	4310	Rear
4400	Hand brake switch	4400	Rear
4410	Brake fluid level switch	4410	Front
6235	Central locking control unit	6235	Front
8005B	Cooler relay	8005B	Front
8007	Pressostat	8007	Front
8010	Electronic box (Temperature unit)	8010	Front
8035	Passenger compartment temperature electronic thermostat	8035	Heater
8605	Security alarm siren	8605	Front
8611	Bonnet switch	8611	Front
8618	A.C.U.	8618A,8618B	Front
BB00	Battery	—	Front
BB10	Branch box	BB10A, BB10B	Front
BF00	Fuse box (F17, F26)	BF00E, BF00H, BF00I, BF00J	Front
E000	Battery Earth point	Battery	Front
E001	Earth point	Front LH inner fender - Engine bay	Front panel
E002	Earth point	Front RH inner fender - Engine bay	Front panel
E005	Earth point	LH side plenum chamber	Front
E006	Earth point	Plenum	Front
E014	Earth point	Brake system	Front
E015	Earth point	Brake system	Front
E020	Earth point	Bottom RH - A Post	Front
E040	Earth point	Engine	Engine
E026D	Earth point	Rear panel Inner-Boot	Rear
E026G	Earth point	Rear panel Inner-Boot	Rear
Interconnector	Front to front panel harness	IC01	FR/P-FR
Interconnector	Front to front panel harness	IC02A	FR-EN
Interconnector	Front to front panel harness	IC02C	FR-EN
Interconnector	Front to brake pad wear harness	IC03A	FR-PW
Interconnector	Front to brake pad wear harness	IC03B	FR-PW
Interconnector	Front to rear harness	IC23A	FR-RR
Interconnector	Front to rear harness	IC23B	FR-RR
Interconnector	Front to rear harness	IC23C	FR-RR
Interconnector	Front to heater harness	IC26A	FR-HE
SW00	Ignition switch	SW00A, SW00B	Front

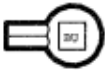
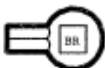
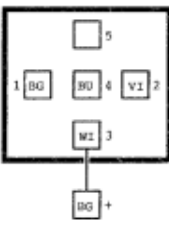
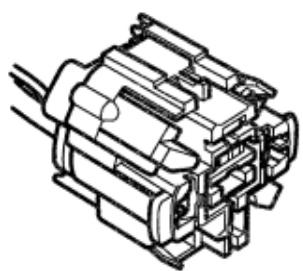
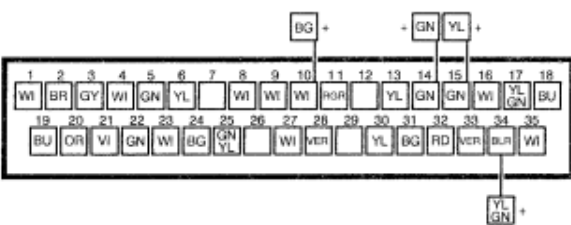
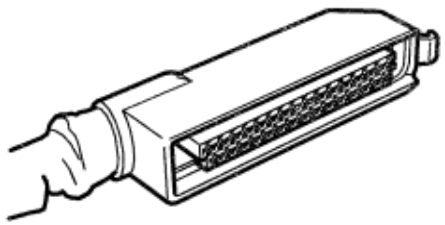
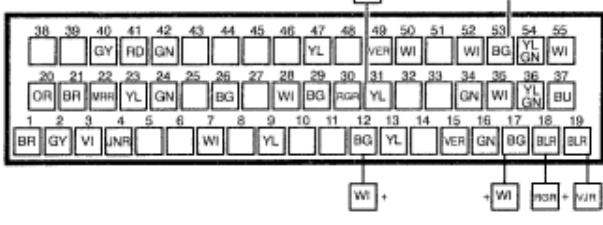
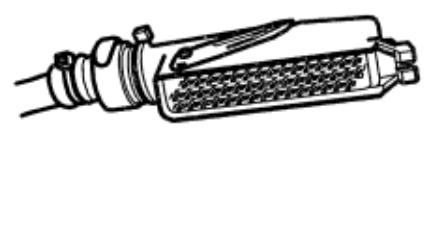
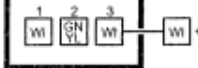
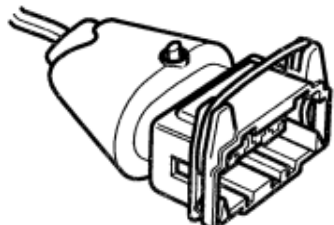
Schematic



[illegible]

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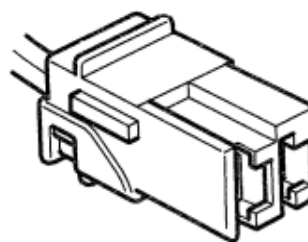
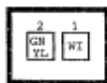
Colour codes

1010 Engine harness Starter 1 pin 	
1020 Engine harness Alternator 1 pin 	
1086 Front harness Starter 5 pin Violet 	
1320 (MM) Engine harness Ignition injection control unit 55 pin Black 	
1320 (Sagem) Engine harness Ignition injection control unit 55 pin Black 	
1620 Engine harness Vehicle speed sensor 3 pin White 	

Colour codes

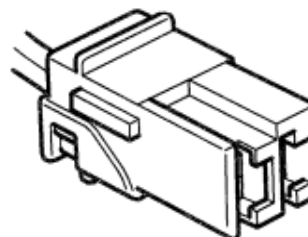
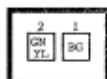
2320

Front panel harness
LH front direction
indicator lamp
2 pin
Brown



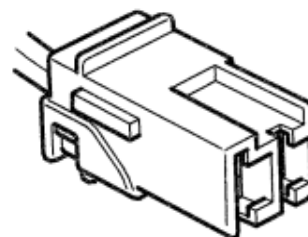
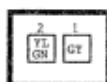
2325

Front panel harness
RH front direction
indicator lamp
2 pin
Brown



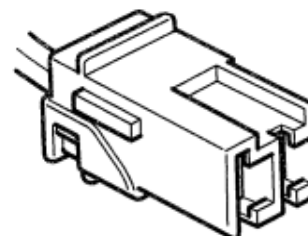
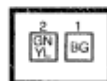
2340

Front harness
LH side repeater flasher
2 pin
White



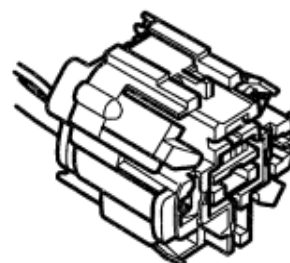
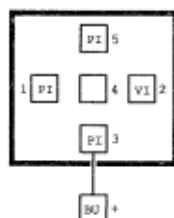
2345

Front harness
RH side repeater flasher
2 pin
White



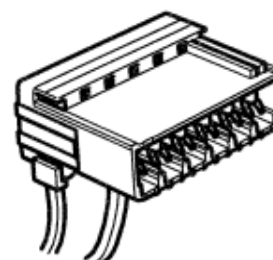
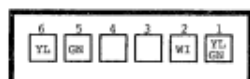
2350

Front harness
Flasher relay
5 pin
Green



2630

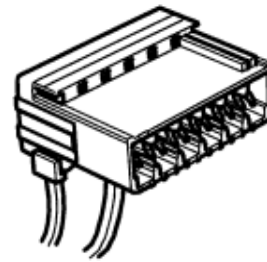
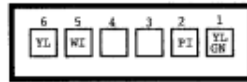
Rear harness
LH tail lamp
6 pin
Brown



Colour codes

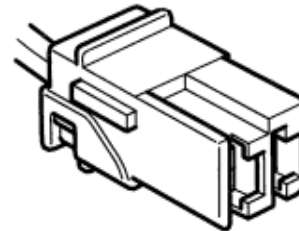
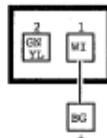
2635

Rear harness
RH Tail lamp
6 pin
Brown



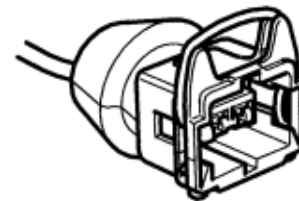
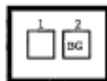
3100

Rear harness
Trunk lamp switch
2 pin
Brown



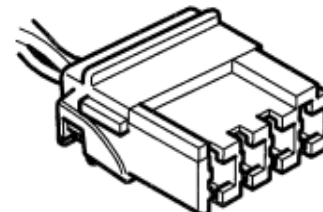
4110

Engine harness
Oilpressure switch
2 pin
Grey



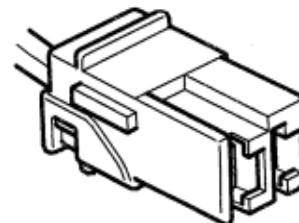
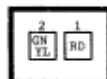
4310

Rear harness
Fuel gauge
4 pin
Brown



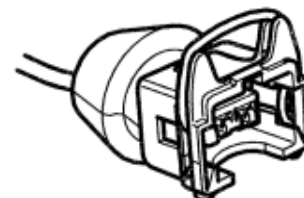
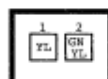
4400

Rear harness
Handbrake switch
2 pin
Brown



4410

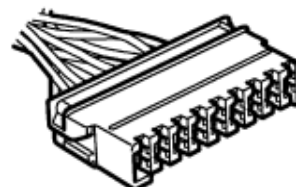
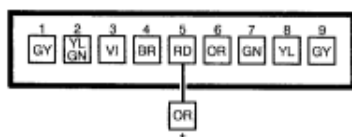
Front harness
Brake fluid level switch
2 pin
Black



Colour codes

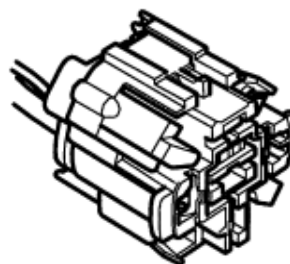
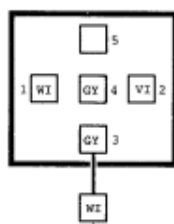
6235

Front harness
Central locking
control unit
9 pin
Brown



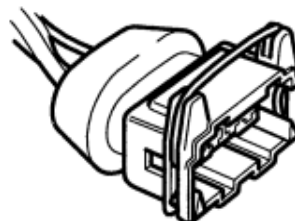
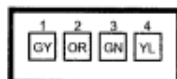
8005B

Front harness
Cooler relay
5 pin
Black



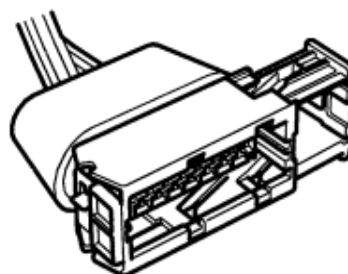
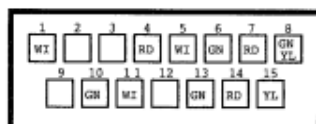
8007

Front harness
Pressostat
4 pin
Brown



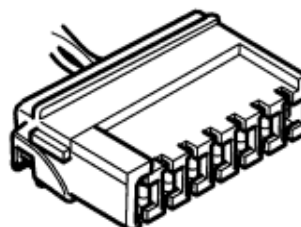
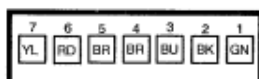
8010

Front harness
Electronic box
Temperature unit
15 pin
Black



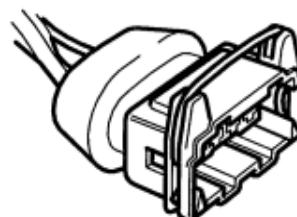
8035

Heater harness
Passenger compartment
temperature electronic thermistor
7pin
White



8605

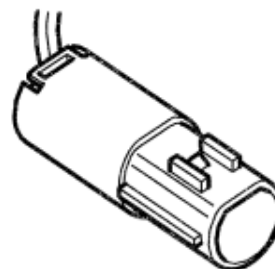
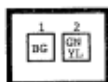
Front harness
Security alarm Siren
4 pin
Brown



Colour codes

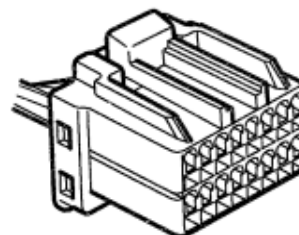
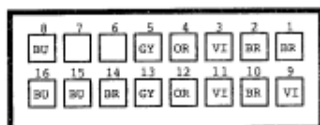
8611

Front harness
Bonnet Switch
2 pin
Black



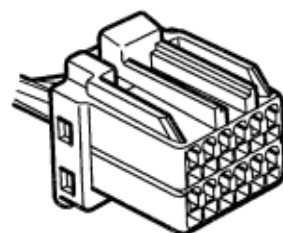
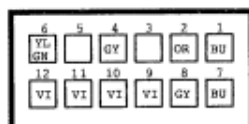
8618A

Front harness
A.C.U. (8168)
16 pin
Black



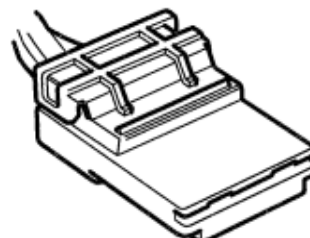
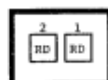
8618B

Front harness
A.C.U. (8618)
12 pin
Black



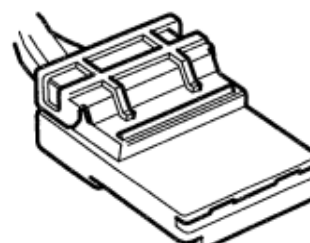
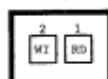
BB10A

Front harness
Branch box (BB10)
2 pin
Black



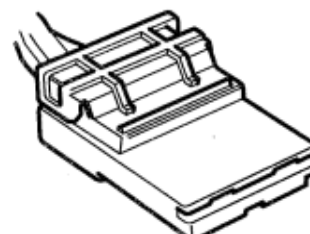
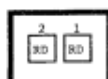
BB10B

Front harness
Branch box (BB10)
2 pin
Black



BF00E

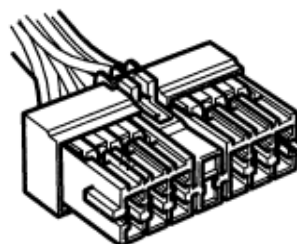
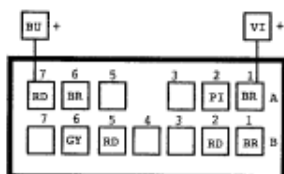
Front harness
Fuse box (BF00)
2 pin
Black



Colour codes

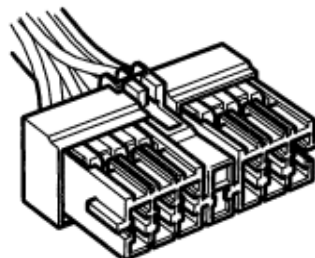
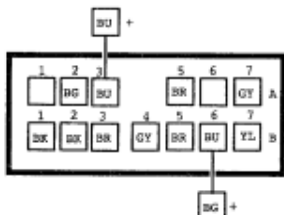
BF00H

Front harness
Fuse box (BF00)
13 pin
Red



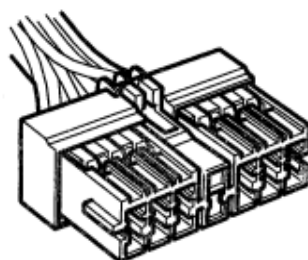
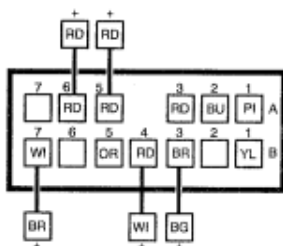
BF00I

Front harness
Fuse box (BF00)
13 pin
Green



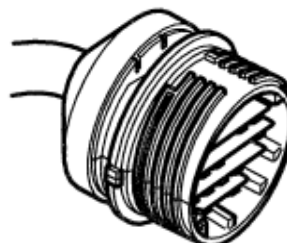
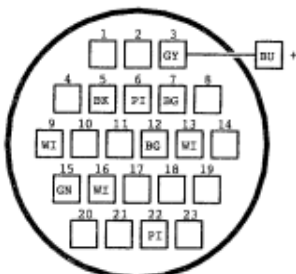
BF00J

Front harness
Fuse box (BF00)
13 pin
Blue



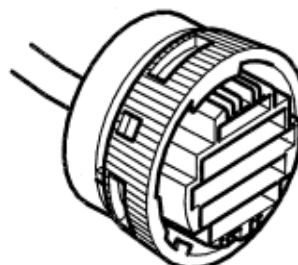
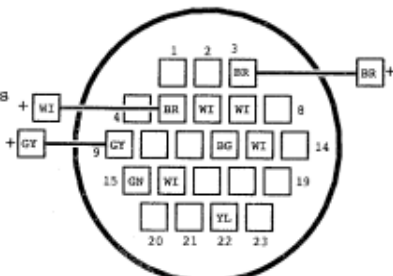
IC01

Front harness
Interconnector
FR/P-FR
23 pin
Grey



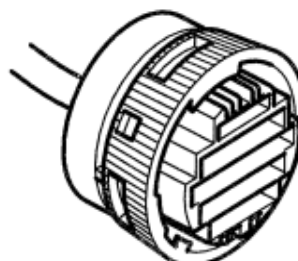
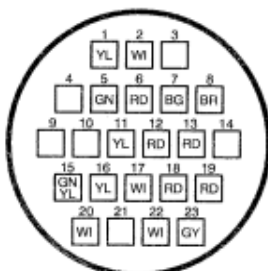
IC01

Front panel harness
Interconnector
FR/P-FR
23 pin
Grey



IC02A

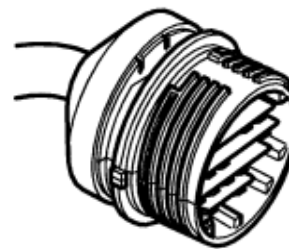
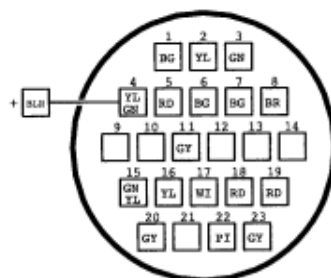
Engine harness
Interconnector
FR-EN
23 pin
Black



Colour codes

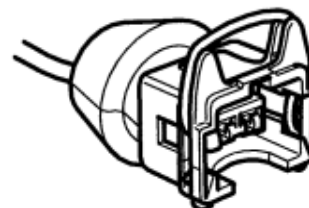
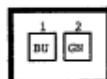
IC02A

Front harness
Interconnector
FR-EN
23 pin
Black



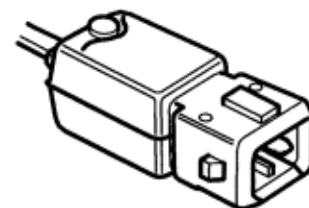
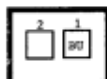
IC02C

Engine harness
Interconnector
FR-EN
2 pin
Brown



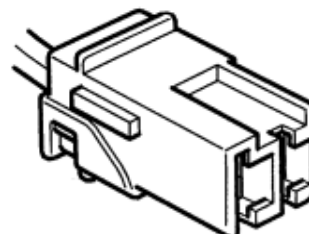
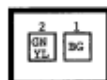
IC02C

Front harness
Interconnector
FR-EN
2 pin
Brown



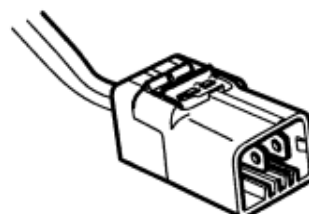
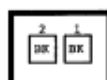
IC03A

Front harness
Interconnector
FR-PW
2 pin
White



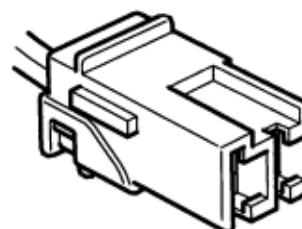
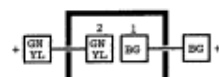
IC03A

Brake pad wear harness
FR-PW
2 pin
White



IC03B

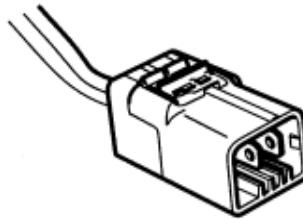
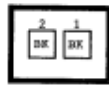
Front harness
Interconnector
FR-PW
2 pin
White



Colour codes

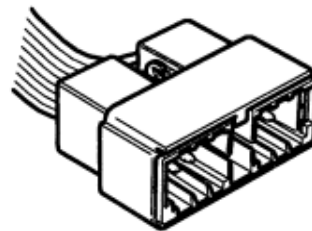
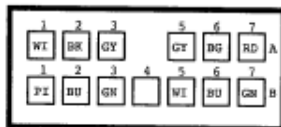
IC03B

Brake pad wear harness
FR-PW
2 pin
White



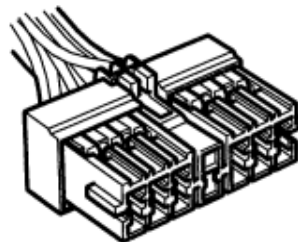
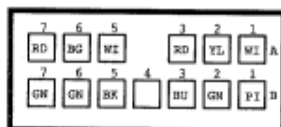
IC23A

Front harness
Interconnector
FR-RR
13 pin
Black



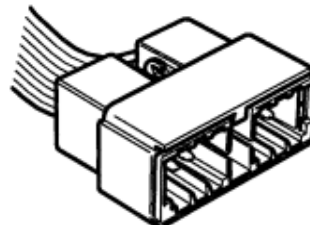
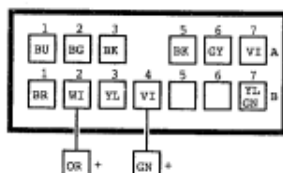
IC23A

Rear harness
Interconnector
FR-RR
13 pin
Black



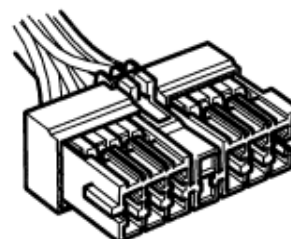
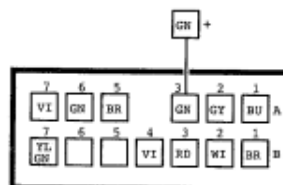
IC23B

Front harness
Interconnector
FR-RR
13 pin
Brown



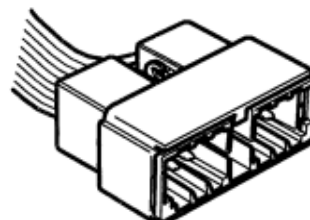
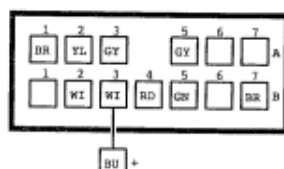
IC23B

Rear harness
Interconnector
FR-RR
13 pin
Brown



IC23C

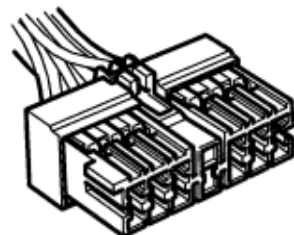
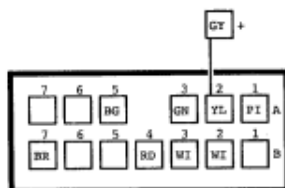
Front harness
Interconnector
FR-RR
13 pin
Grey



Colour codes

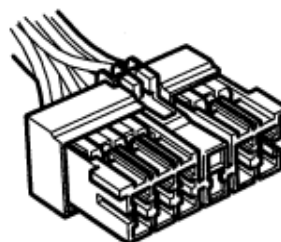
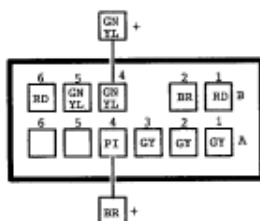
IC23C

Rear harness
Interconnector
FR-RR
13 pin
Grey



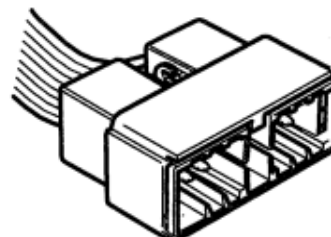
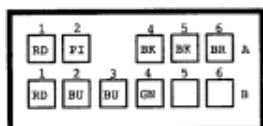
IC26A

Front harness
Interconnector
FR-HE
11 pin
White



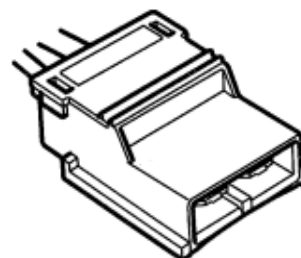
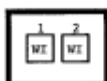
IC26A

Heater harness
Interconnector
FR-HE
11 pin
White



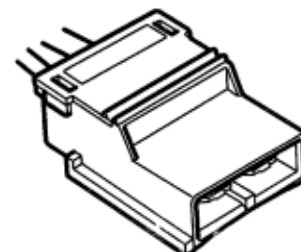
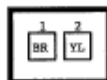
SW00A

Front harness
Ignition switch (SW00)
2 pin
Black

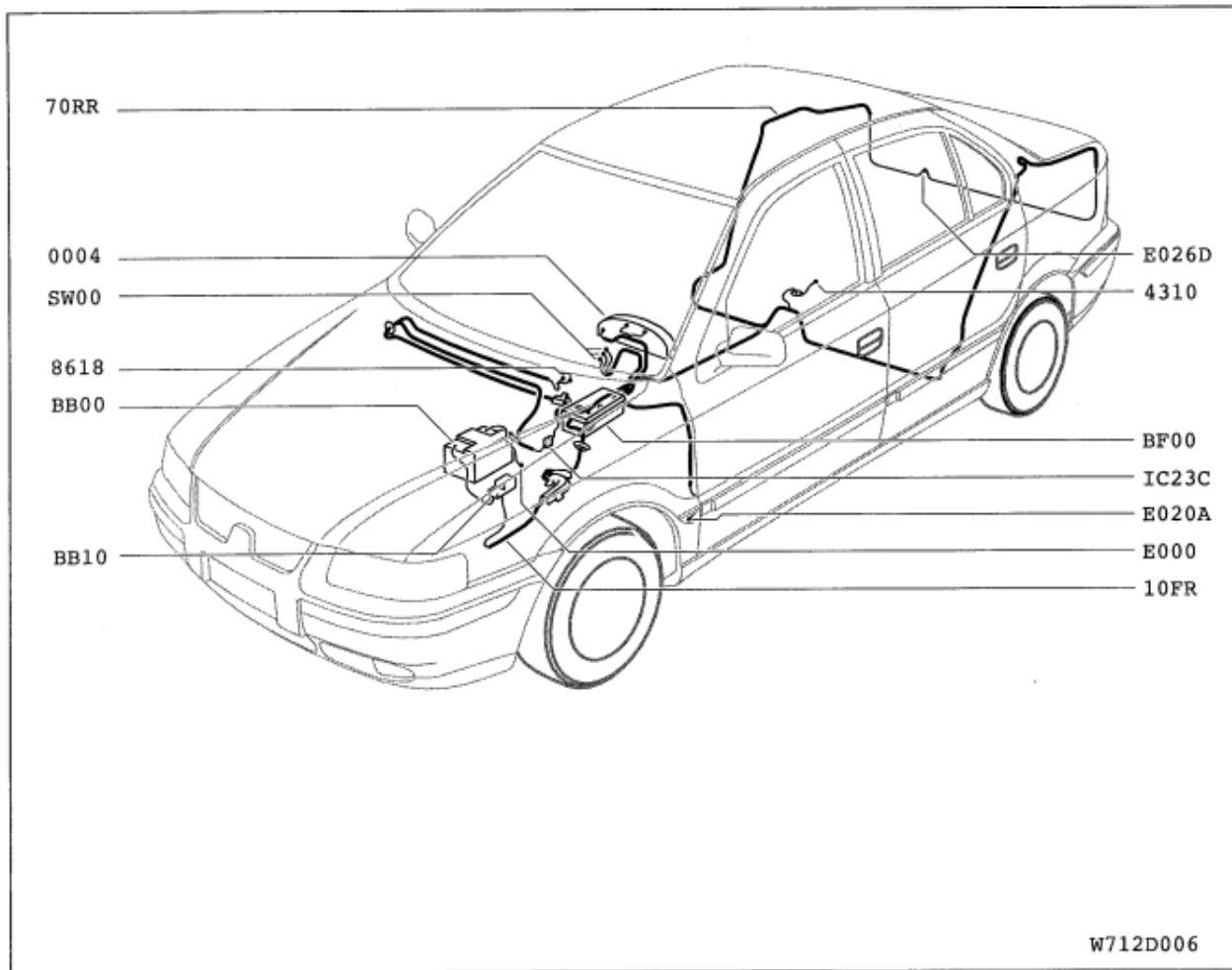


SW00B

Front harness
Ignition switch (SW00)
2 pin
Grey

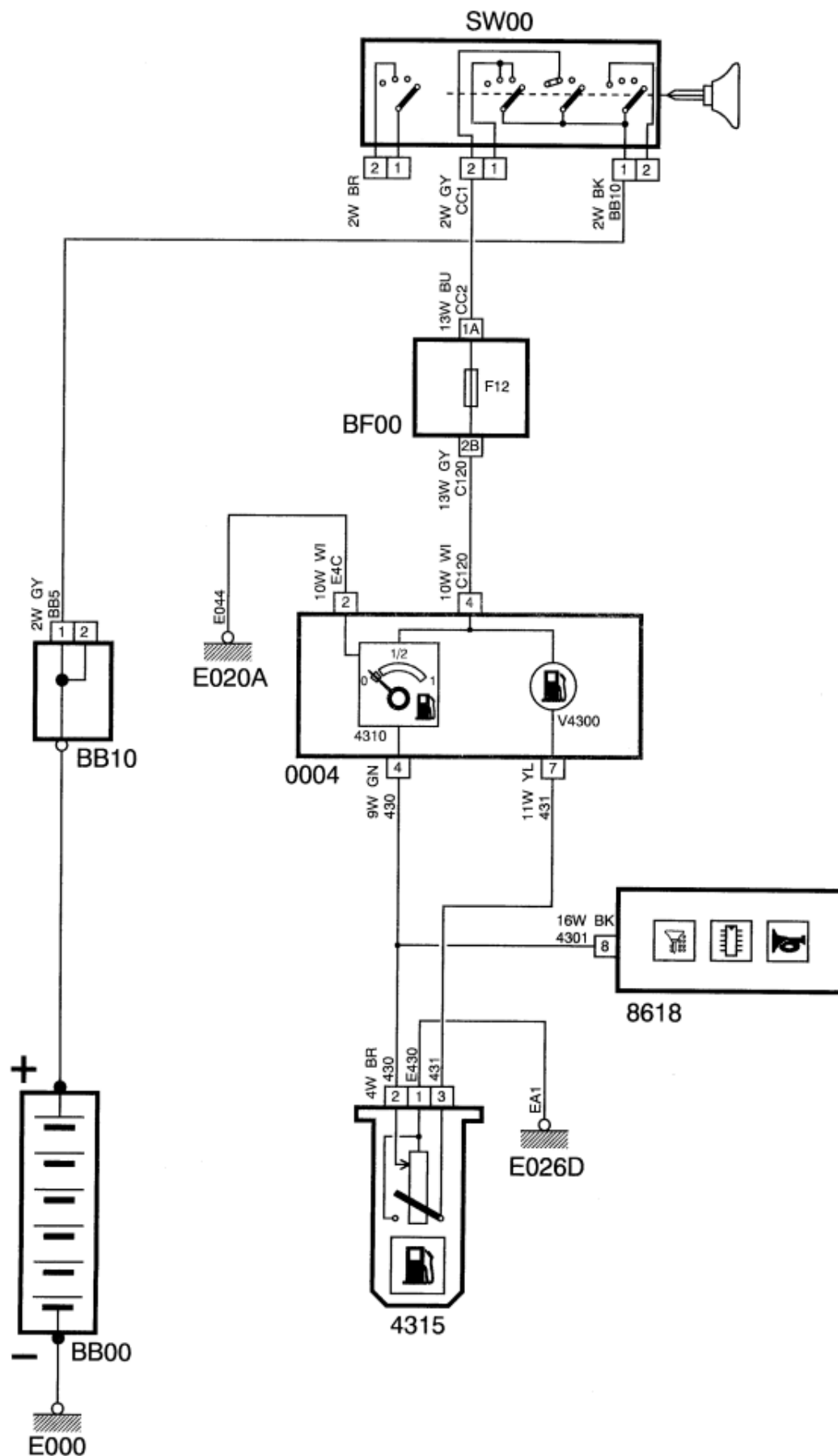


Fuel gauge

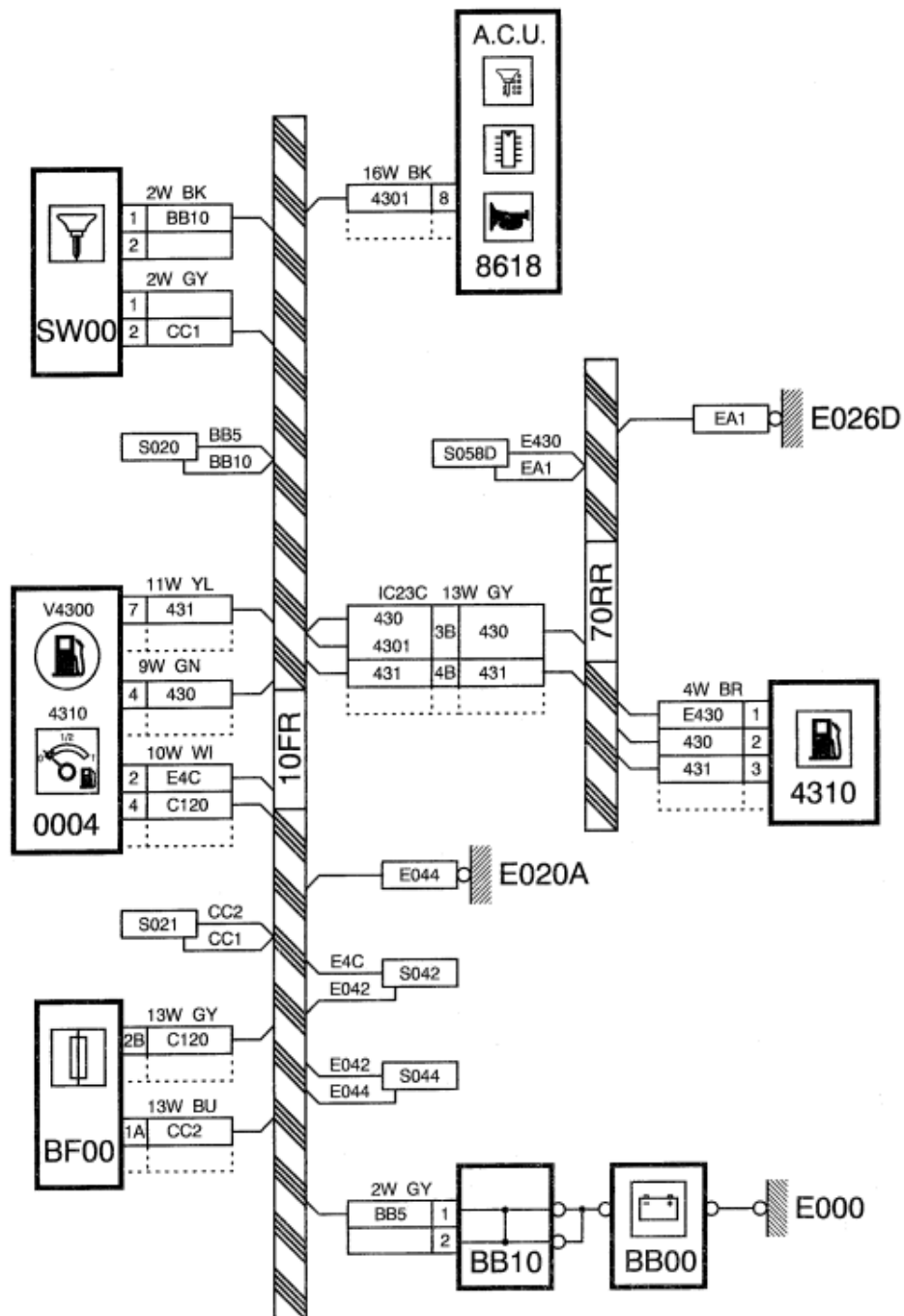


Component Number	Component Description	Connectors	Harness
0004	Instrument cluster V4300=Fuel low level warning lamp	0004C,0004D,0004F	Front
4310	4310=Fuel gauge Fuel gauge	4310	Rear
8618	A.C.U.	8618A	Front
BB00	Battery	--	Front
BB10	Branch box	BB10B	Front
BF00	Fuse box (F12)	BF00C,BF00J	Front
E000	Battery Earth point	Battery	Front
E020A	Earth point	Bottom LH-A post	Front
E026D	Earth point	Rear panel inner-Boot	Rear
Interconnector	Front to Rear harness	IC23C	FR-RR
SW00	Ignition switch	SW00A,SW00B	Front

Schematic



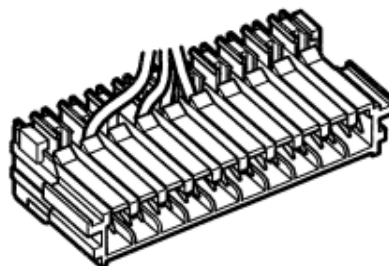
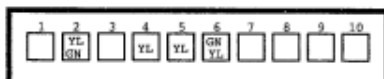
Circuit



Colour codes

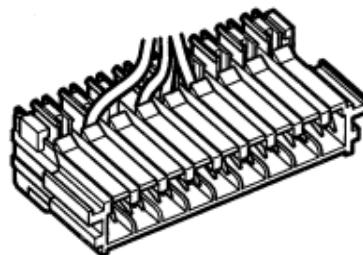
0004C

Front harness
Instrument cluster (0004)
10 pin
White



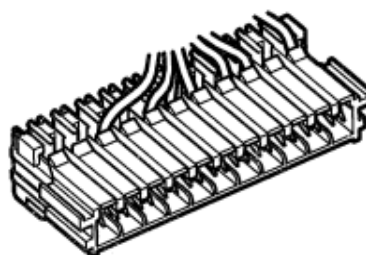
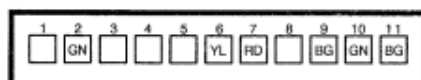
0004D

Front harness
Instrument cluster (0004)
9 pin
Green



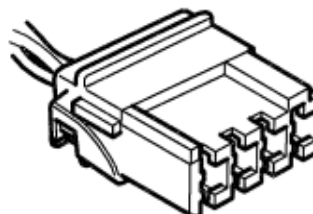
0004F

Front harness
Instrument cluster (0004)
11pin
Yellow



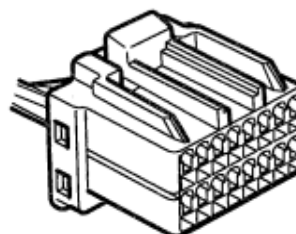
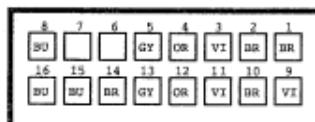
4310

Rear harness
Fuel gauge
4 pin
Brown



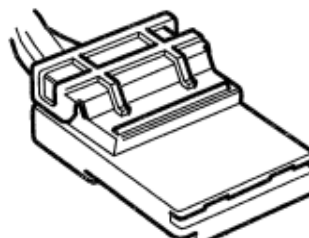
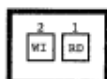
8618A

Front harness
A.C.U. (8168)
16 pin
Black



BB10B

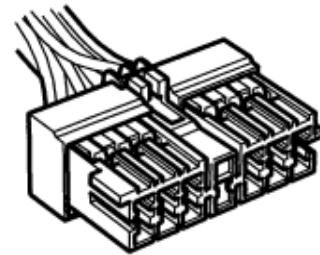
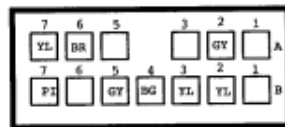
Front harness
Branch box (BB10)
2 pin
Black



Colour codes

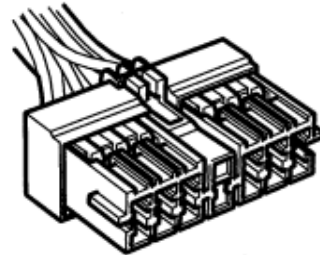
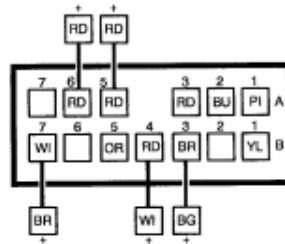
BF00C

Front harness
Fuse box (BF00)
13 pin
Grey



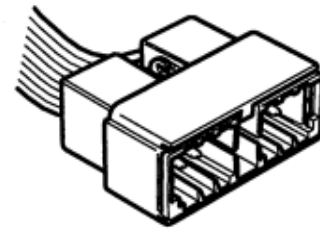
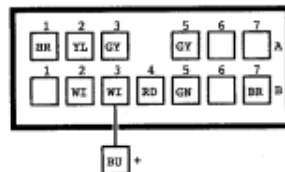
BF00J

Front harness
Fuse box (BF00)
13 pin
Blue



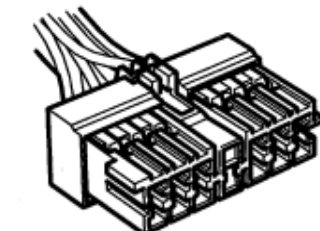
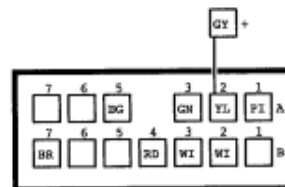
IC23C

Front harness
Interconnector
FR-RR
13 pin
Grey



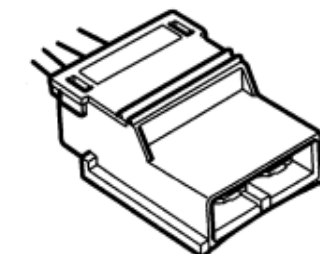
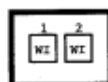
IC23C

Rear harness
Interconnector
FR-RR
13 pin
Grey



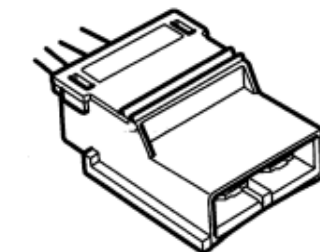
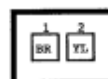
SW00A

Front harness
Ignition switch (SW00)
2 pin
Black

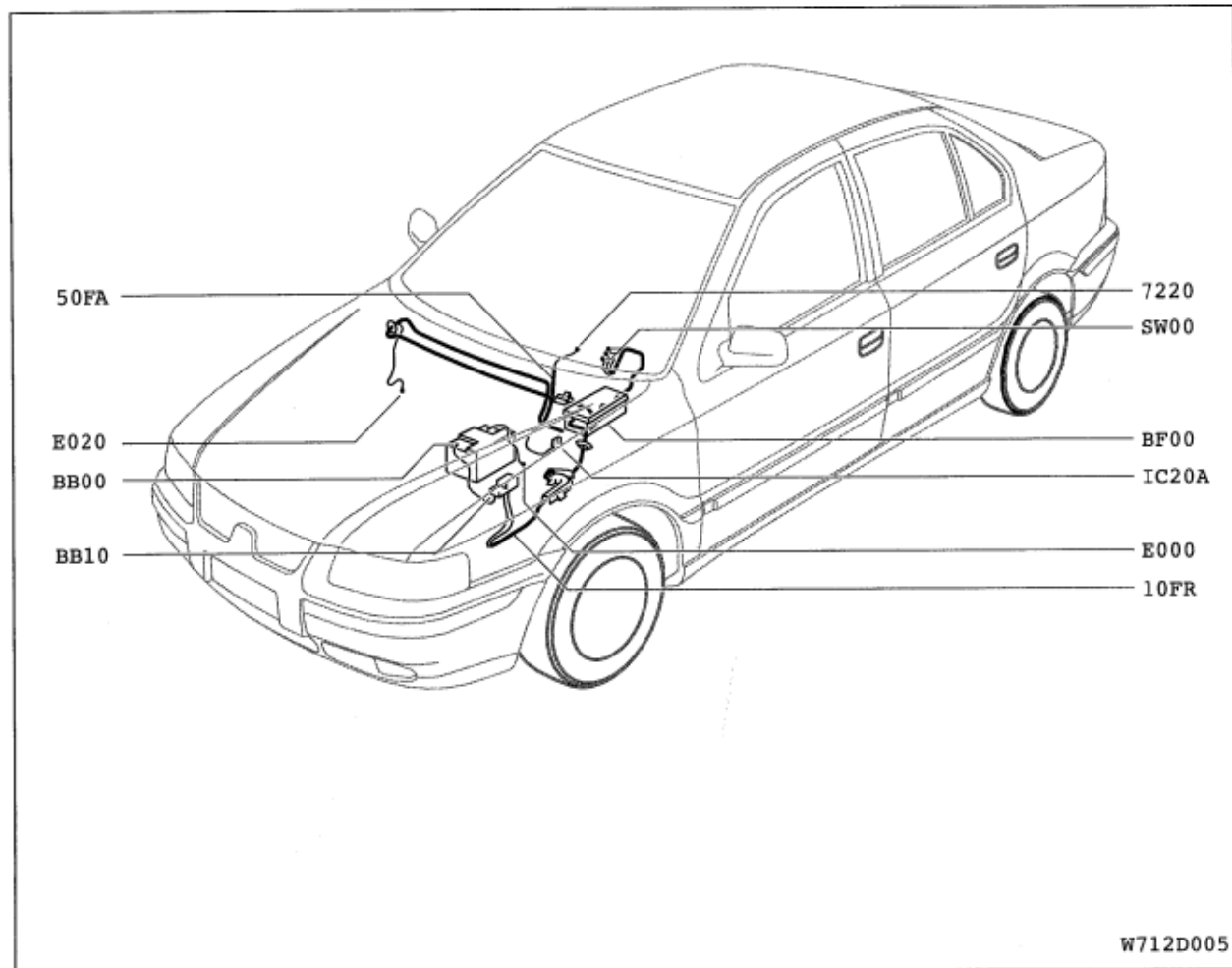


SW00B

Front harness
Ignition switch (SW00)
2 pin
Grey

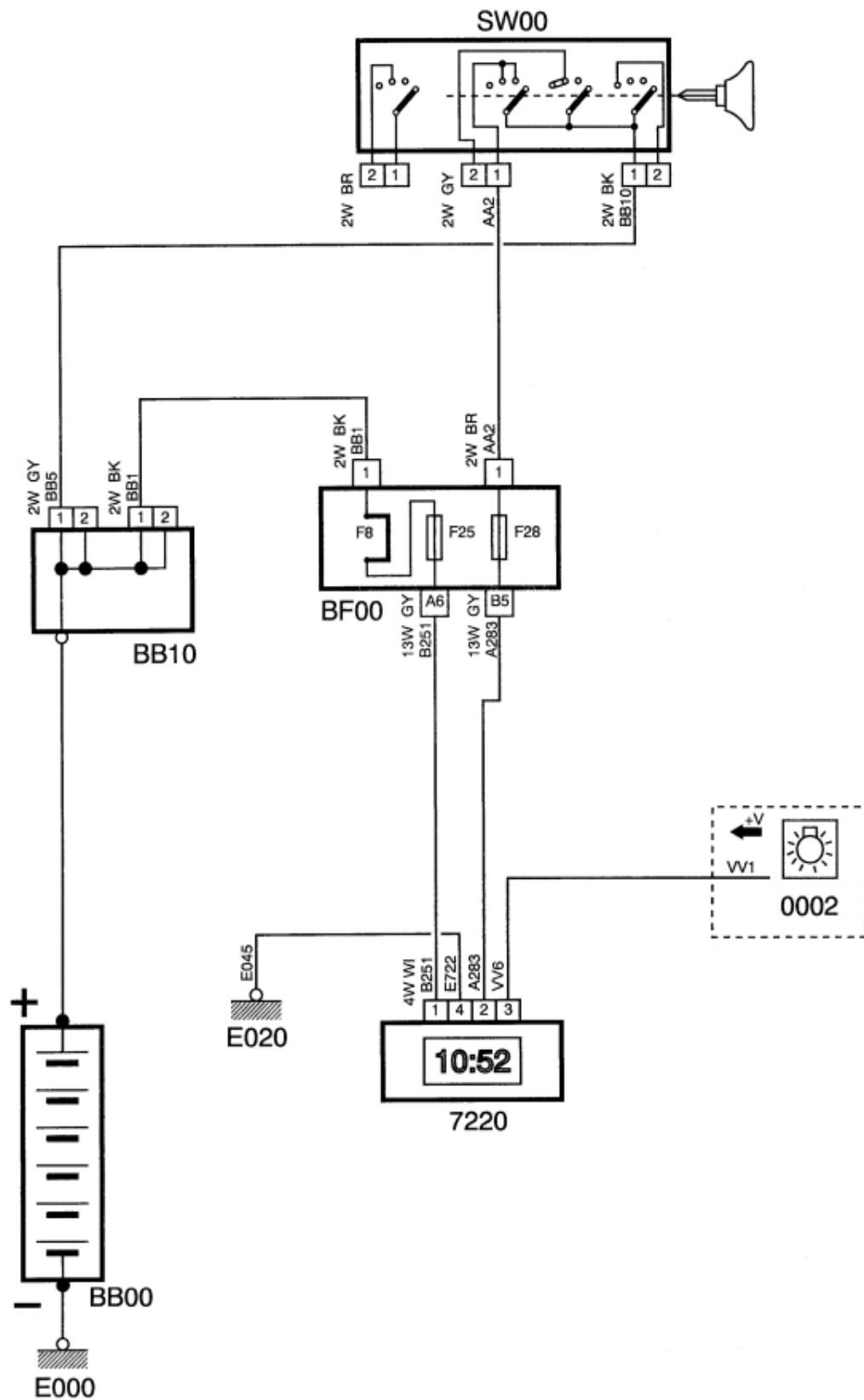


Digital clock

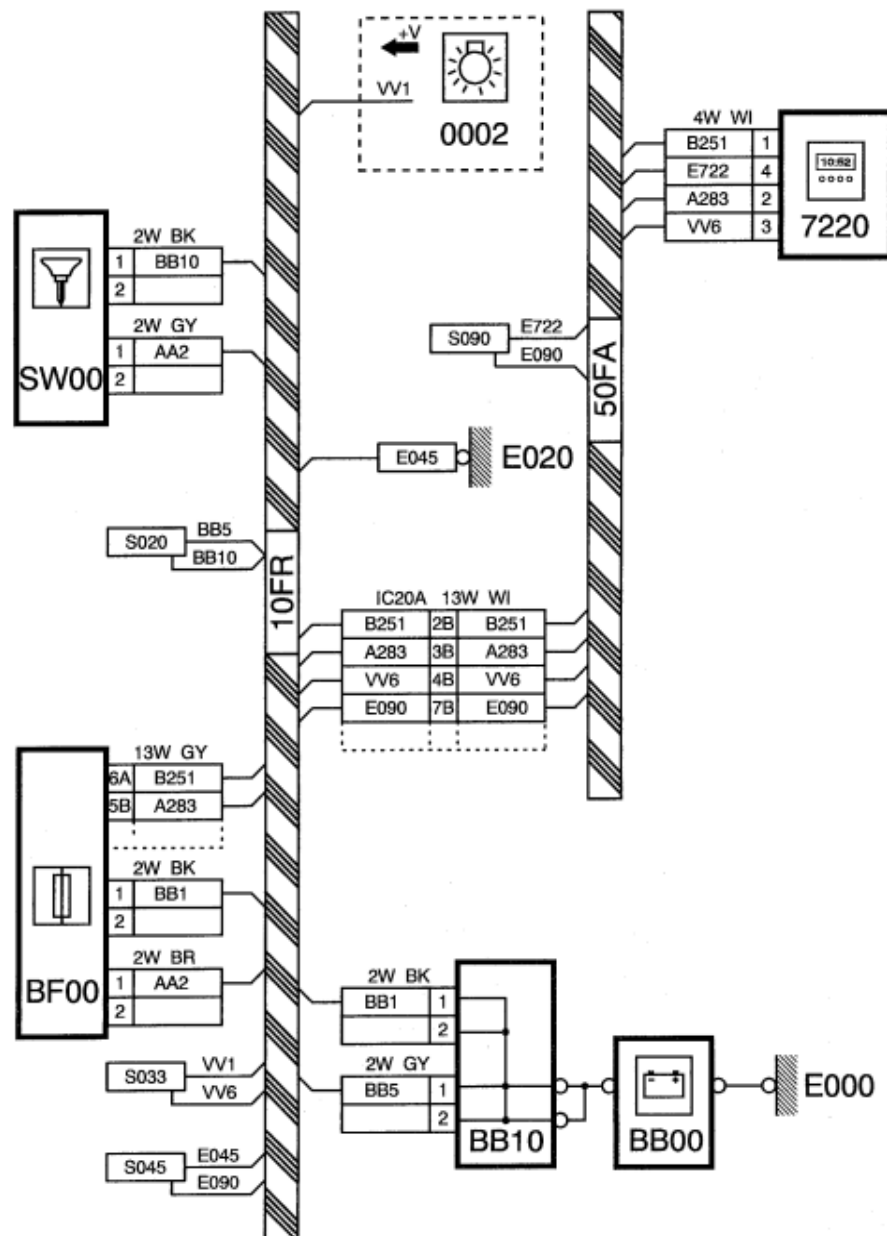


Component Number	Component Description	Connectors	Harness
7220	Digital clock	7220	Instrument Panel
BB00	Battery	--	Front
BB10	Branch box	BB10A, BB10B	Front
BF00	Fuse box (F8, F25, F28)	BF00C, BF00E, BF00F	Front
E000	Battery Earth point	Battery	Front
E020	Earth point	Bottom RH-A post	Front
Interconnector	Front to instrument panel harness	IC20A	FA-FR
SW00	Ignition switch	SW00A, SW00B	Front

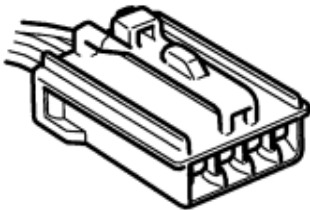
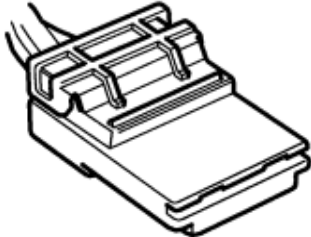
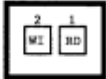
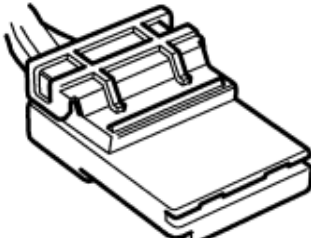
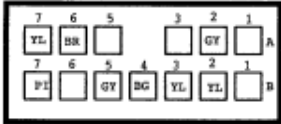
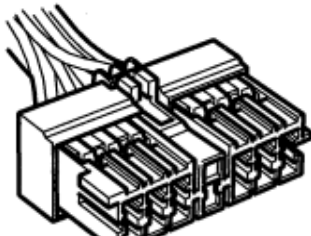
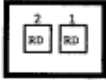
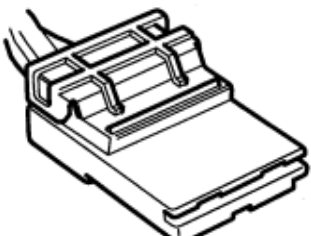
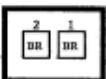
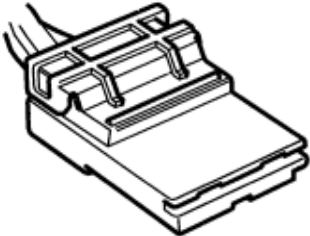
Schematic



Circuit



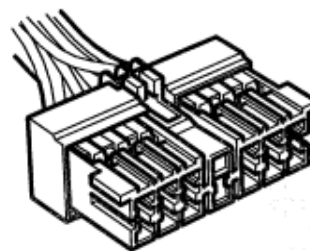
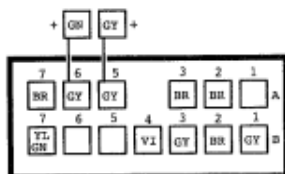
Colour codes

7220 Instrument Panel harness Clock 4 pin White 	
BB10A Front harness Branch box (BB10) 2 pin Black 	
BB10B Front harness Branch box (BB10) 2 pin Black 	
BF00C Front harness Fuse box (BF00) 13 pin Grey 	
BF00E Front harness Fuse box (BF00) 2 pin Black 	
BF00F Front harness Fuse box (BF00) 2 pin Brown 	

Colour codes

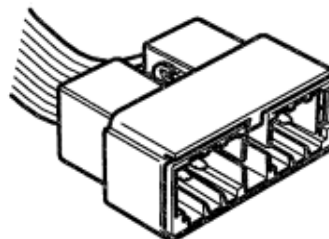
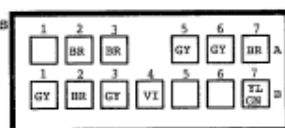
IC20A

Front harness
Interconnector
PA-FR
13 pin
White



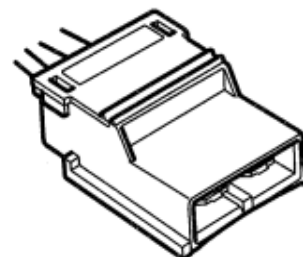
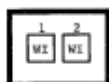
IC20A

Instrument panel harness
Interconnector
PA-FR
13 pin
White



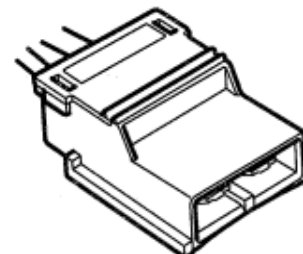
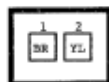
SW00A

Front harness
Ignition switch (SW00)
2 pin
Black

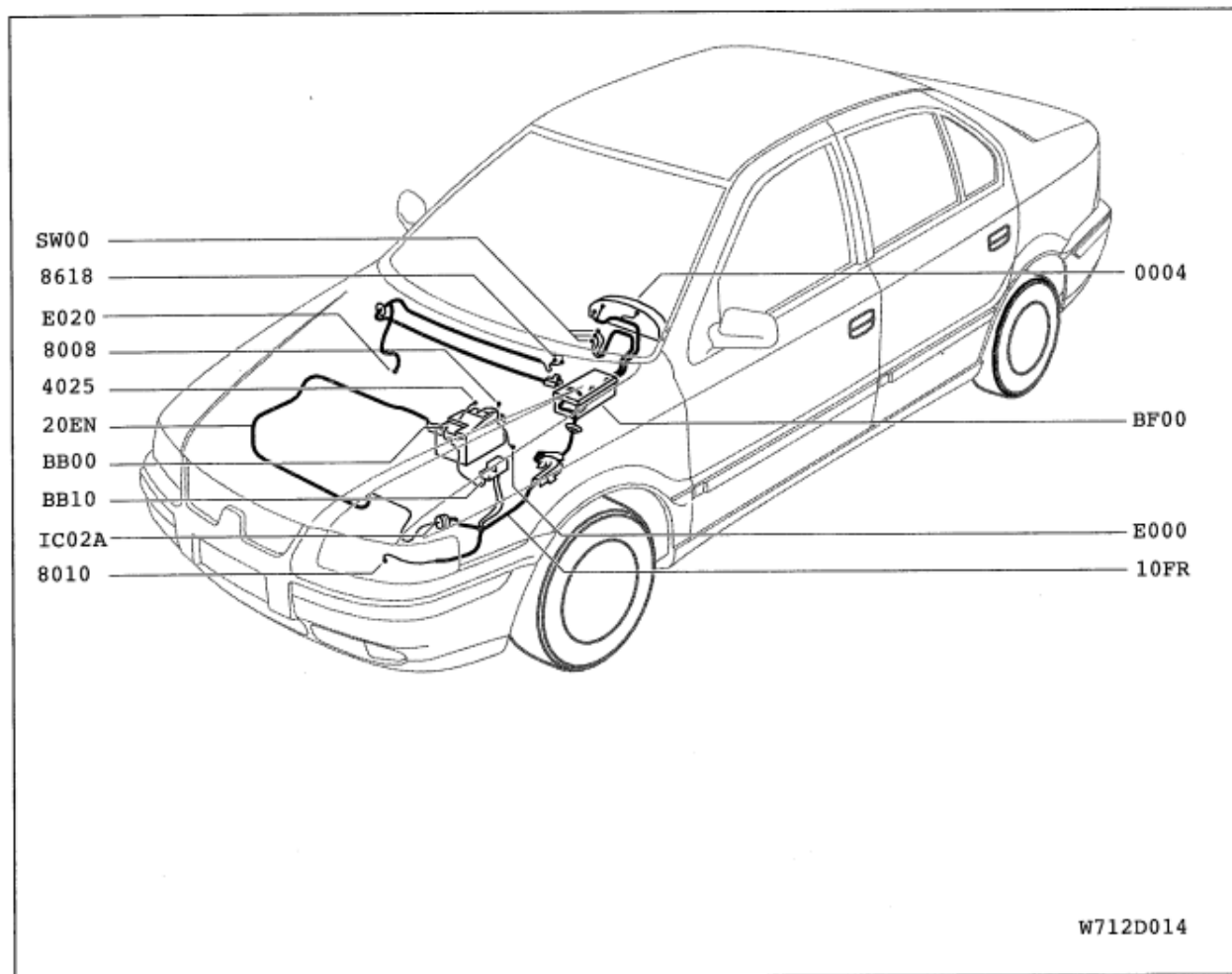


SW00B

Front harness
Ignition switch (SW00)
2 pin
Grey



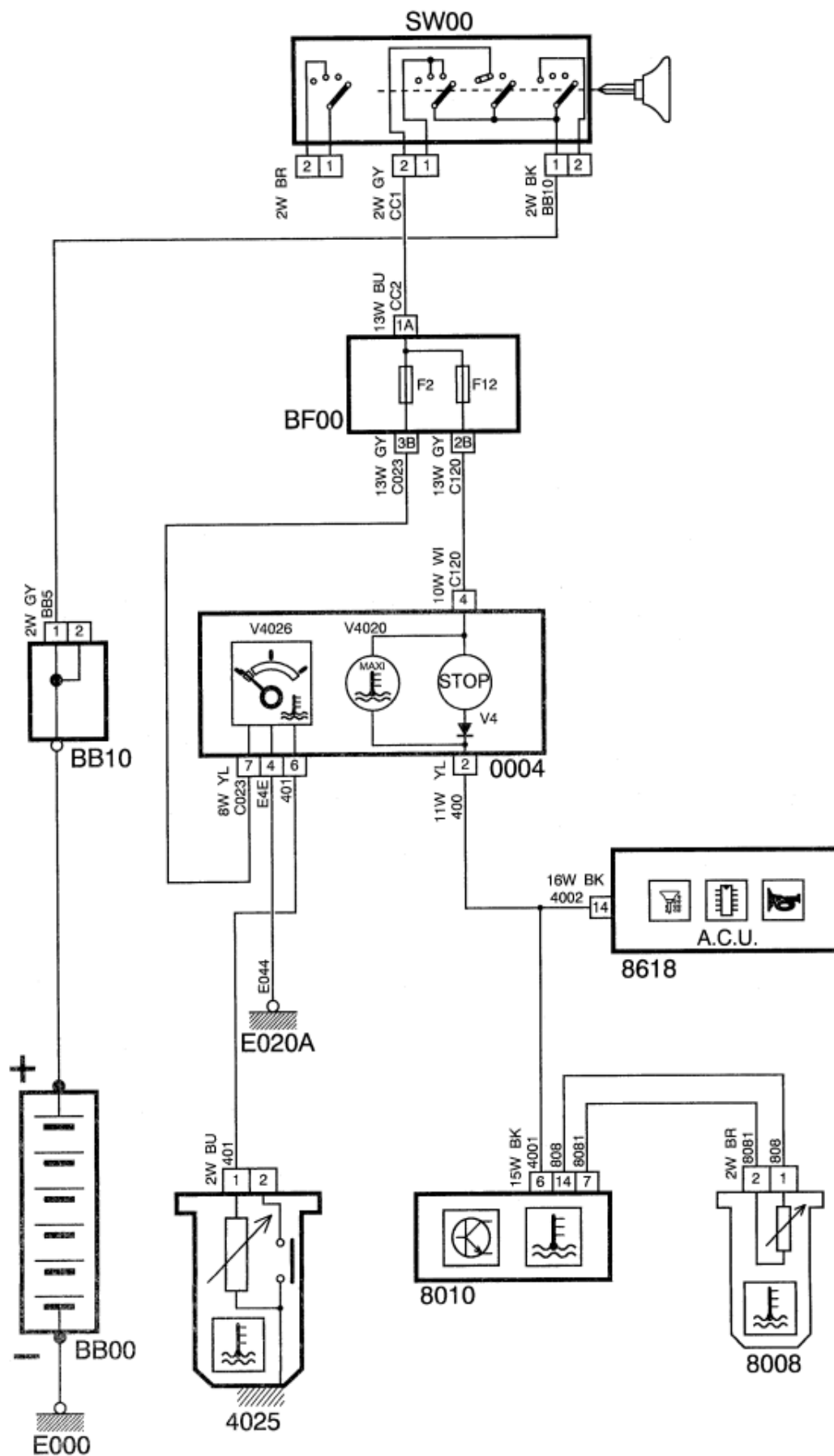
Coolant temperature



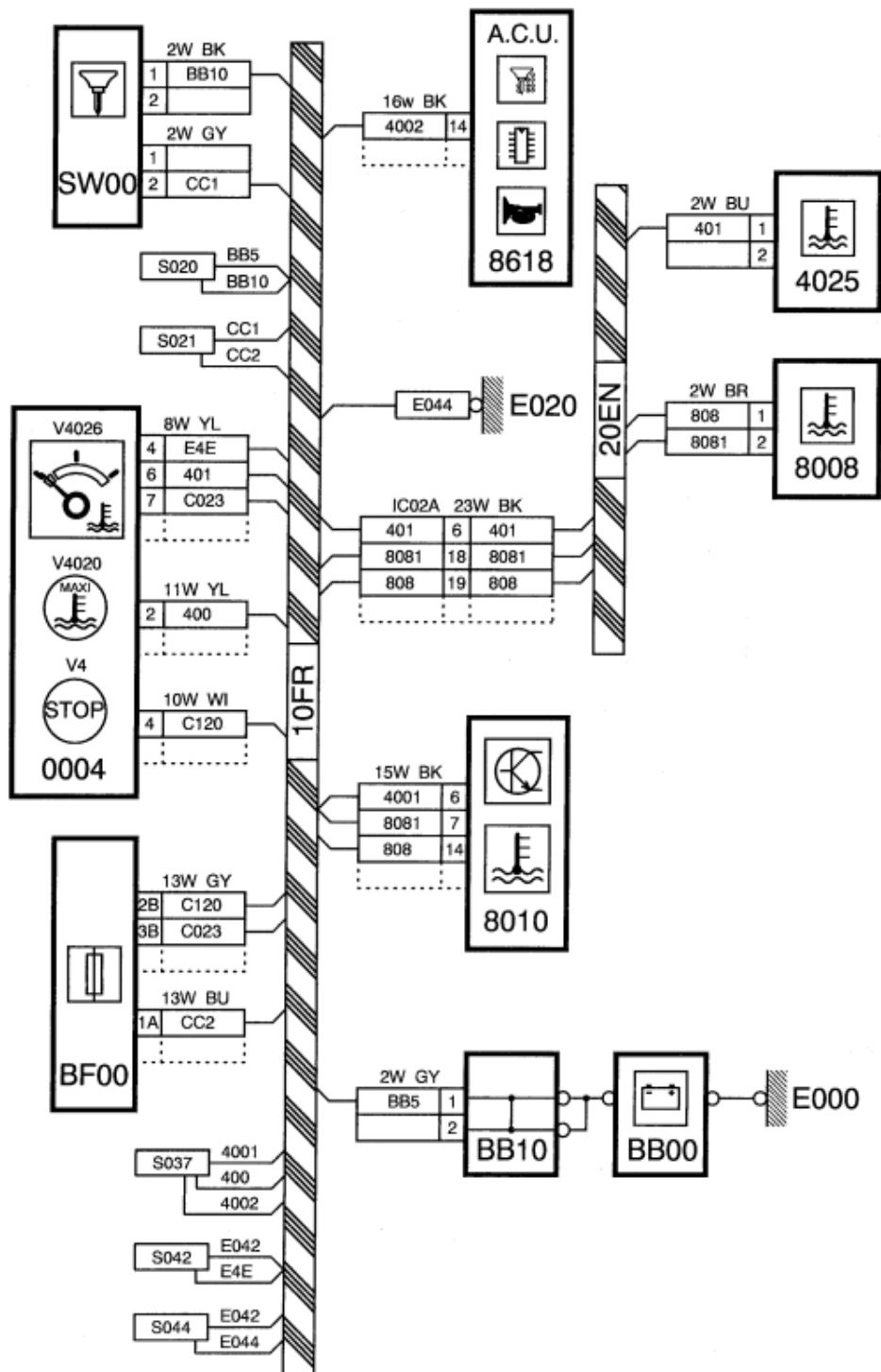
W712D014

Component Number	Component Description	Connectors	Harness
0004	Instrument cluster V4020=Coolant high temperature warning lamp V4=Stop warning lamp 4026=Coolant temperature gauge	0004C,0004E,0004F	Front
4025	Coolant thermistor thermal switch	4025	Engine
8008	Air conditioning engine temperature thermistor	8008	Engine
8010	Electronic box temperature unit	8010	Front
8618	A.C.U.	8618A	Front
BB00	Battery	--	Front
BB10	Branch box	BB10B	Front
BF00	Fuse box (F2,F12)	BF00C,BF00J	Front
E000	Battery Earth point	Battery	Front
E020	Earth point	Bottom RH-A post	Front
Interconnector	Front to Engine harness	IC02A	FR-EN
SW00	Ignition switch	SW00A,SW00B	Front

Schematic



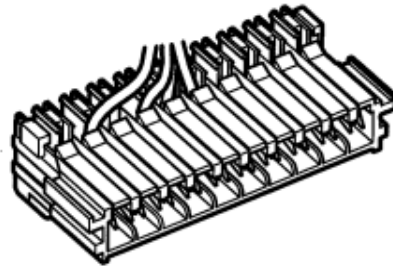
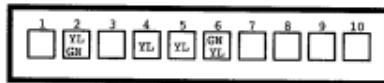
Circuit



Colour codes

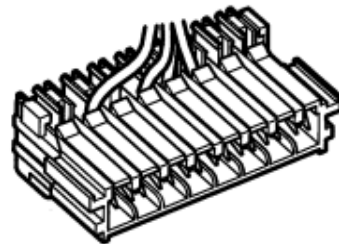
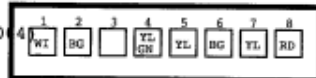
0004C

Front harness
Instrument cluster (0004)
10 pin
White



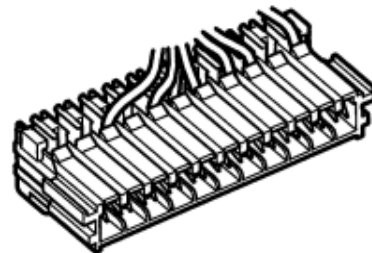
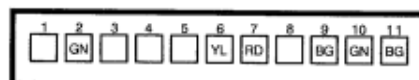
0004E

Front harness
Instrument cluster (0004)
8 pin
Yellow



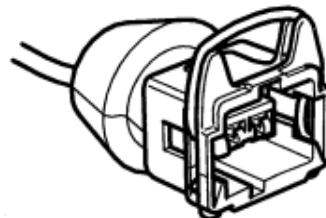
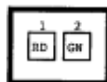
0004F

Front harness
Instrument cluster (0004)
11 pin
Yellow



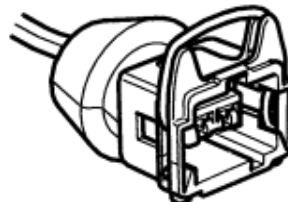
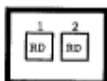
4025

Engine harness
Coolant thermistor
thermal switch
2 pin
Blue



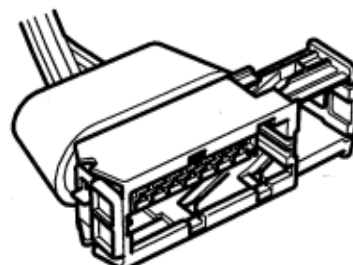
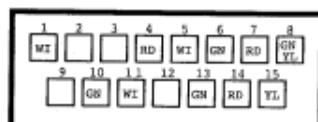
8008

Engine harness
Air conditioning engine
coolant temperature
thermistor
2 pin
Brown



8010

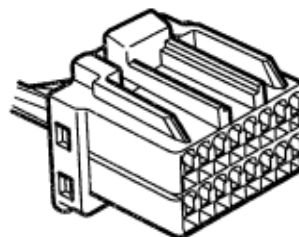
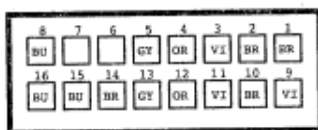
Front harness
Electronic box
Temperature unit
15 pin
Black



Colour codes

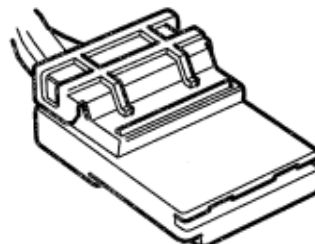
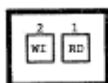
8618A

Front harness
A.C.U. (8168)
16 pin
Black



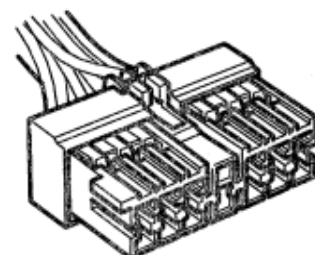
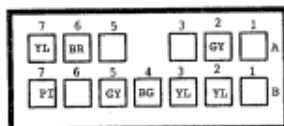
BB10B

Front harness
Branch box (BB10)
2 pin
Black



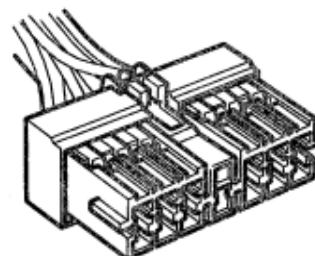
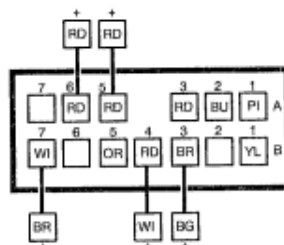
BF00C

Front harness
Fuse box (BF00)
13 pin
Grey



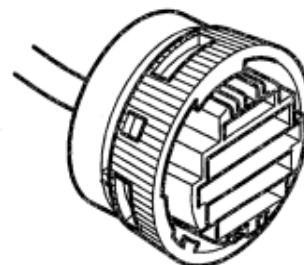
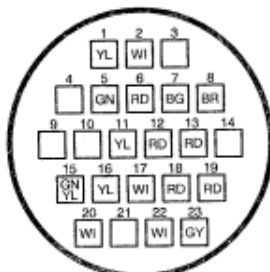
BF00J

Front harness
Fuse box (BF00)
13 pin
Blue



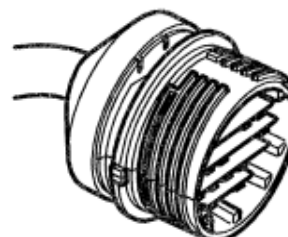
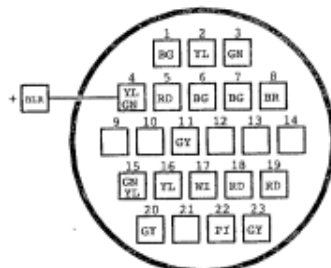
IC02A

Engine harness
Interconnector
FR-EN
23 pin
Black



IC02A

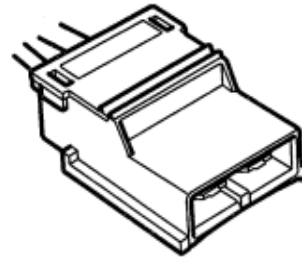
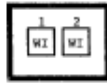
Front harness
Interconnector
FR-EN
23 pin
Black



Colour codes

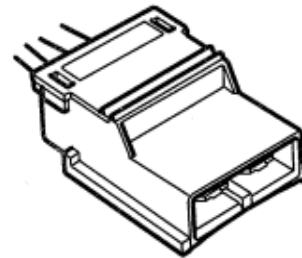
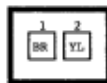
SW00A

Front harness
Ignition switch (SW00)
2 pin
Black

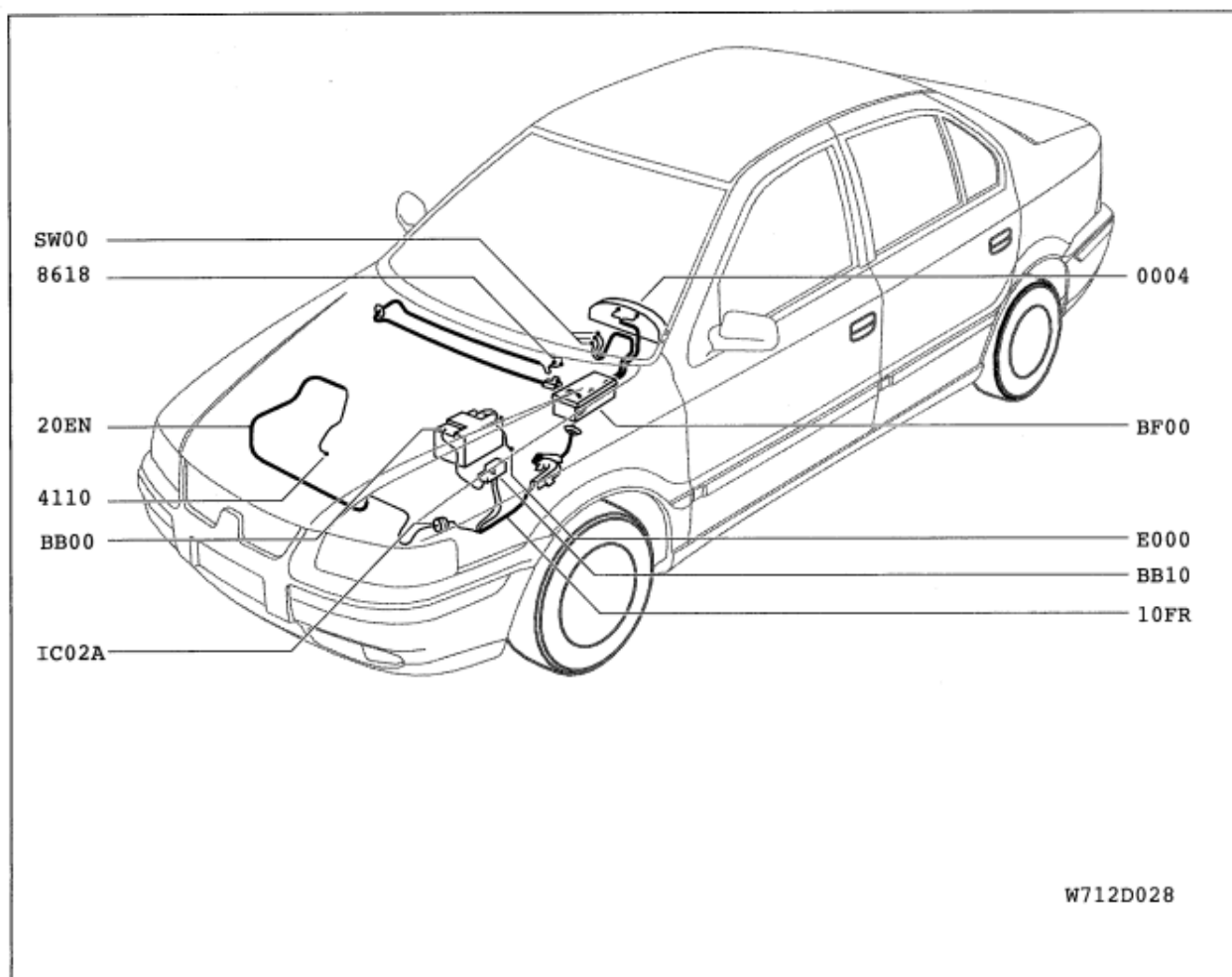


SW00B

Front harness
Ignition switch (SW00)
2 pin
Grey

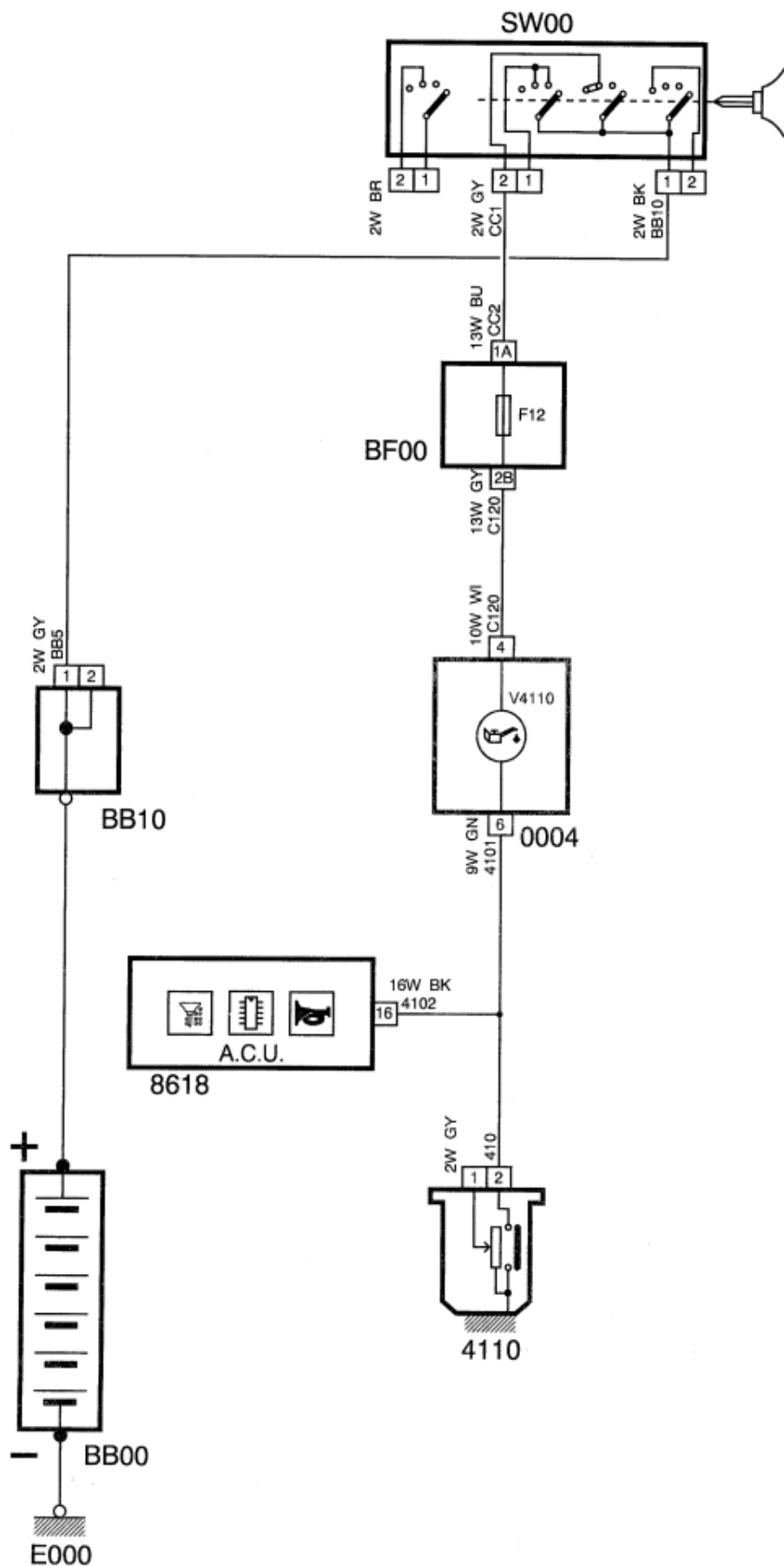


Engine oil pressure

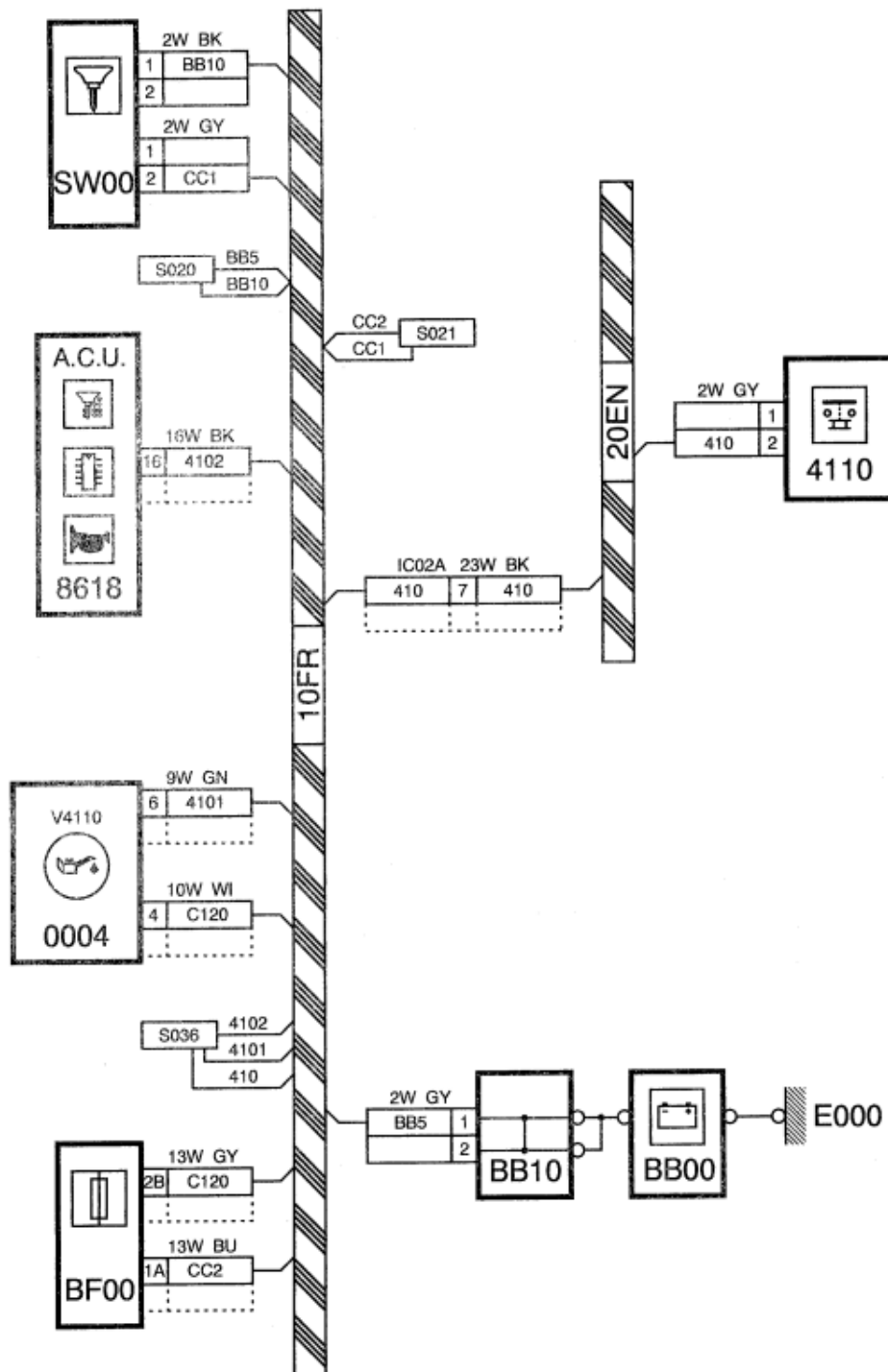


Component Number	Component Description	Connectors	Harness
0004	Main instrument unit V4110=Engine oil low pressure warning lamp	0004C,0004D	Front
4110	Oil pressure switch	4110	Engine
8618	A.C.U.	8618A	Front
BB00	Battery	--	Front
BB10	Branch box	BB10B	Front
BF00	Fuse box (F12)	BF00C, BF00J	Front
E000	Battery Earth point	Battery	Front
Interconnector	Front to Engine harness	IC02A	FR-EN
SW00	Ignition switch	SW00A, SW00B	Front

Schematic



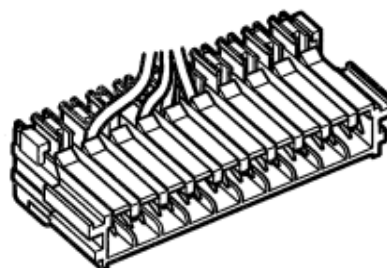
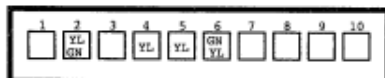
Circuit



Colour codes

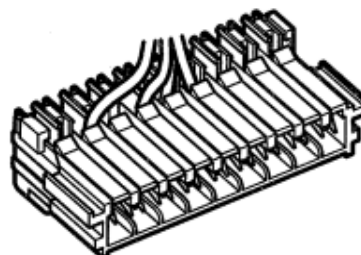
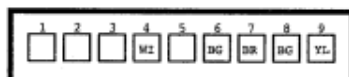
0004C

Front harness
Instrument cluster (0004)
10 pin
White



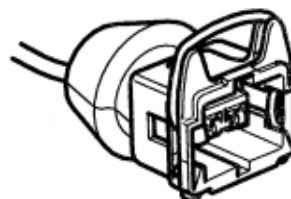
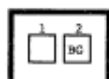
0004D

Front harness
Instrument cluster (0004)
9 pin
Green



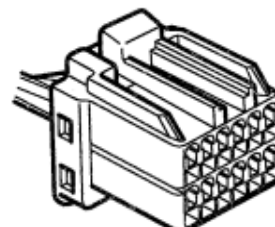
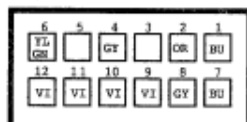
4110

Engine harness
Oilpressure switch
2 pin
Grey



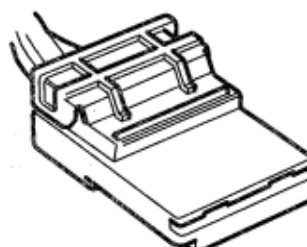
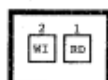
8618B

Front harness
A.C.U. (8618)
12 pin
Black



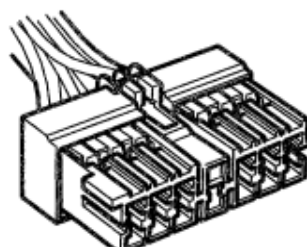
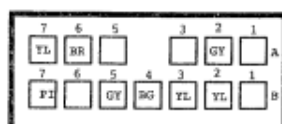
BB10B

Front harness
Branch box (BB10)
2 pin
Black



BF00C

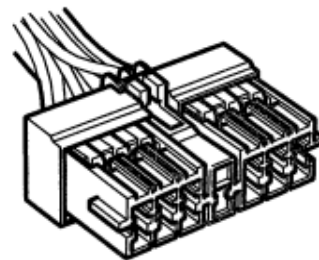
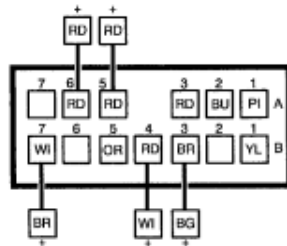
Front harness
Fuse box (BF00)
13 pin
Grey



Colour codes

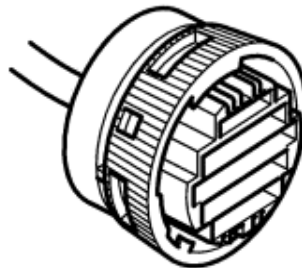
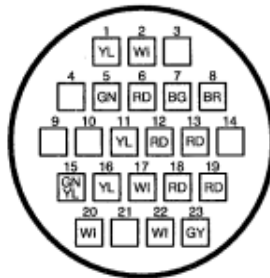
BF00J

Front harness
Fuse box (BF00)
13 pin
Blue



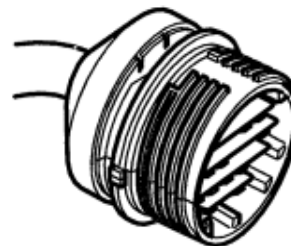
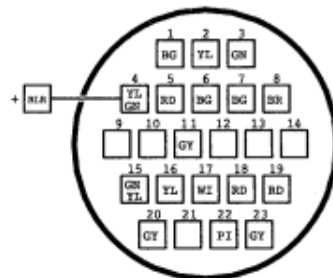
IC02A

Engine harness
Interconnector
FR-EN
23 pin
Black



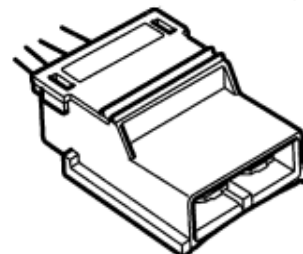
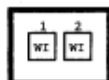
IC02A

Front harness
Interconnector
FR-EN
23 pin
Black



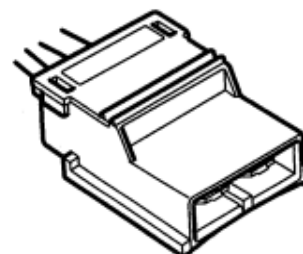
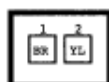
SW00A

Front harness
Ignition switch (SW00)
2 pin
Black

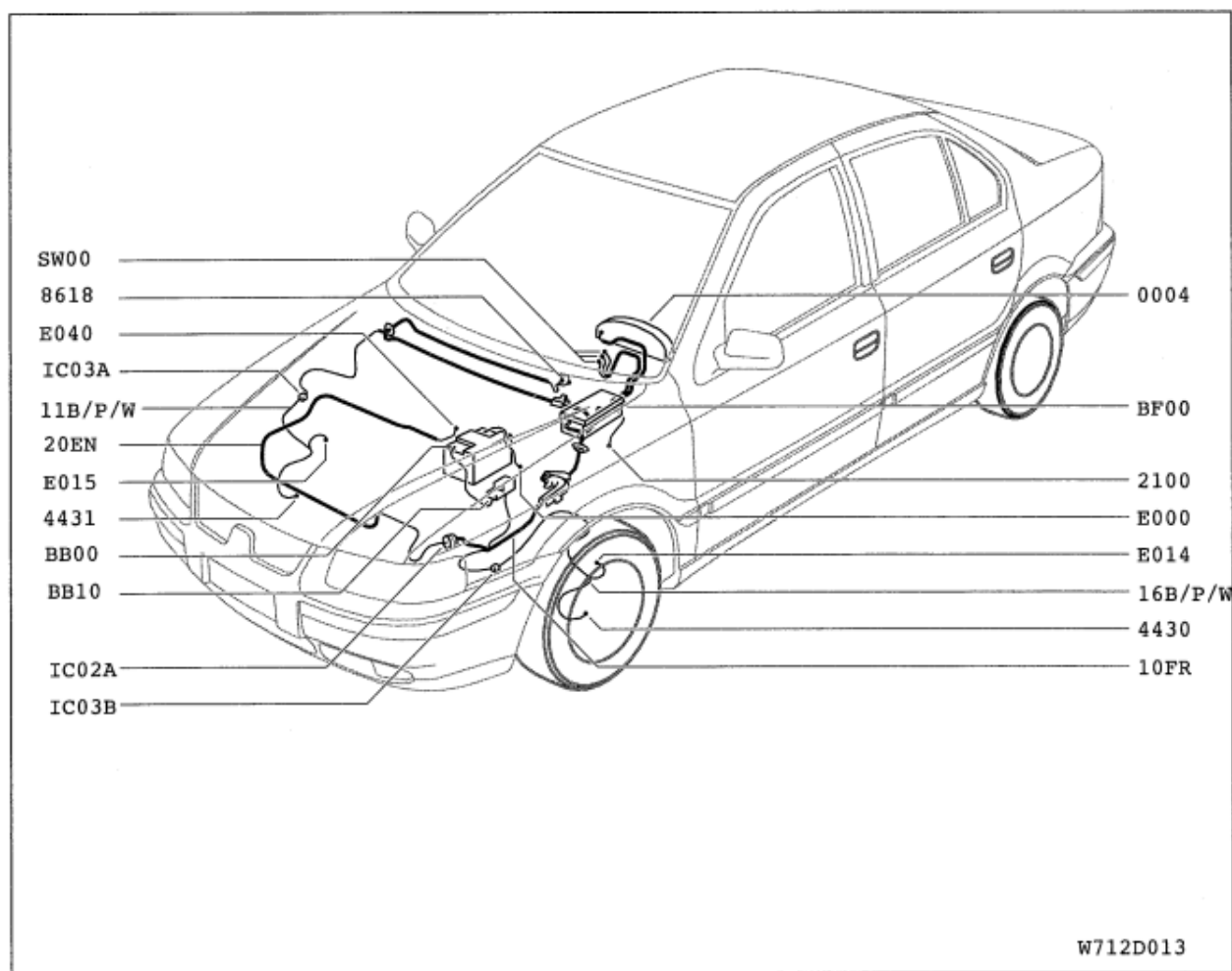


SW00B

Front harness
Ignition switch (SW00)
2 pin
Grey

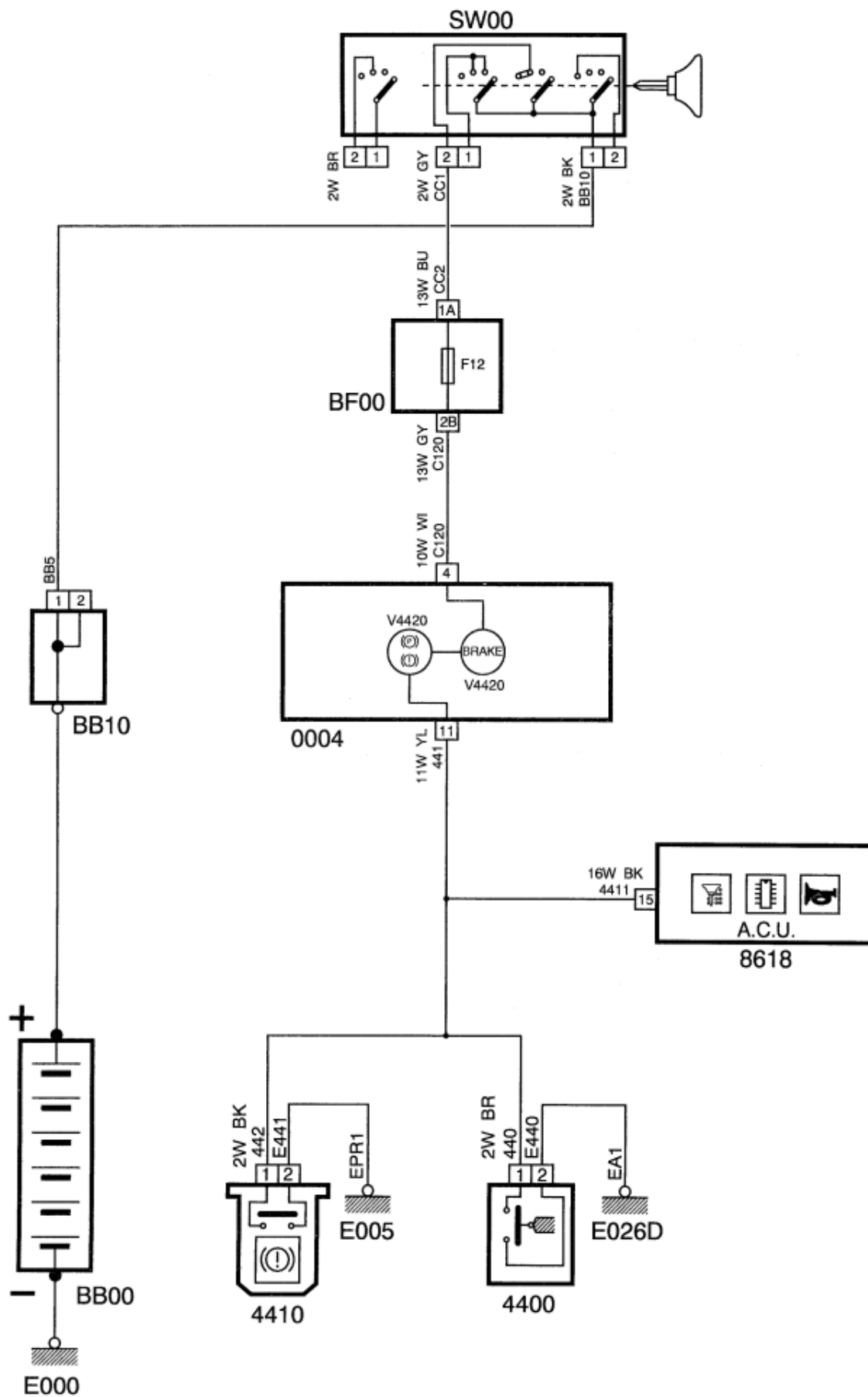


Brake pad wear warning lamp



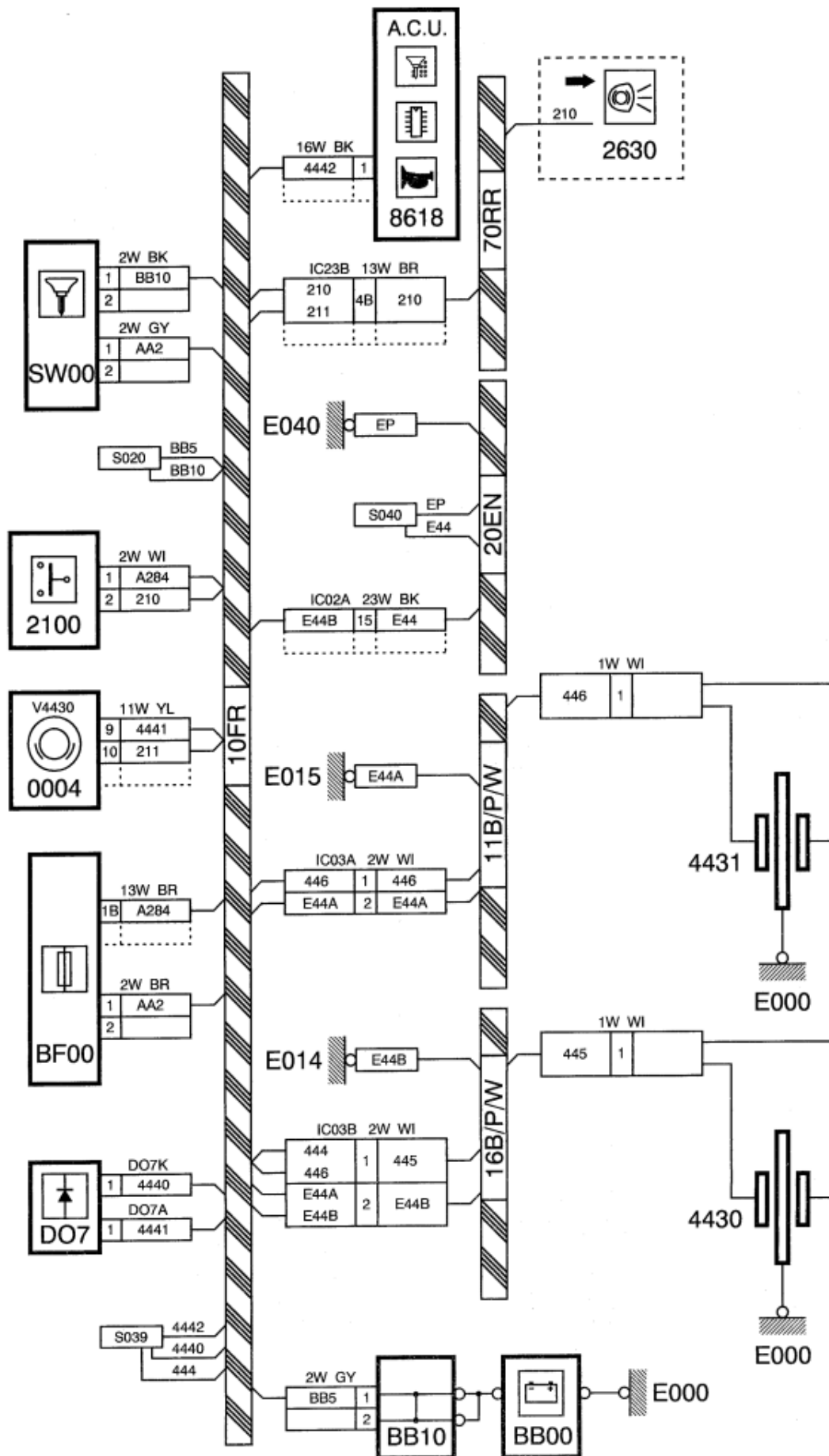
Component Number	Component Description	Connectors	Harness
0004	Instrument cluster	0004F	Front
	V4430=Brake pad warning lamp		
2100	Stop lamp switch	2100	Front
4430	Brake pad wear LH	4430	Brake pad wear
4431	Brake pad wear RH	4431	Brake pad wear
8618	A.C.U.	8618A	Front
BB00	Battery		Front
BB10	Branch box	BB10B	Front
BF00	Fuse box (F28)	BF00B,BF00F	Front
E000	Battery Earth point	Battery	Front
E014	Earth point	Front brake (LH)	Brake pad wear
E015	Earth point	Front brake (RH)	Brake pad wear
E040	Earth point	Engine	Engine
Interconnector	Front to Engine harness	IC02A	FR-EN
Interconnector	Front to brake pad wear harness	IC03A	FR-PW
Interconnector	Front to brake pad wear harness	IC03B	FR-PW
Interconnector	Front to rear harness	IC23B	FR-RR
SW00	Ignition switch	SW00A,SW00B	Front

Schematic



W712D143

Circuit

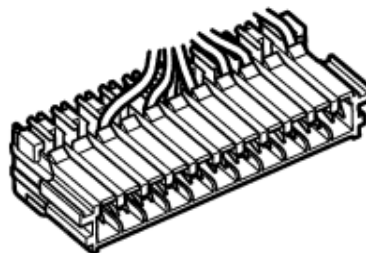
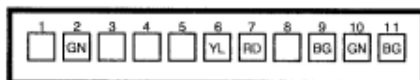


W712D144

Colour codes

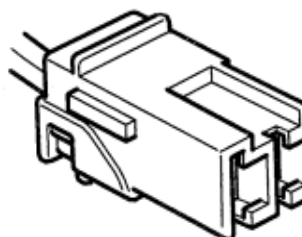
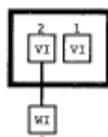
0004F

Front harness
Instrument cluster (0004)
11pin
Yellow



2100

Front harness
Stop lamp switch
2 pin
White



4430

Brake pad wear harness
Brake pad (LH)
1 pin
White



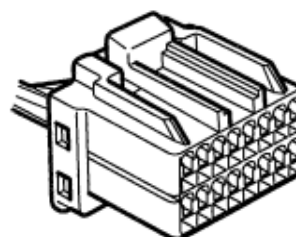
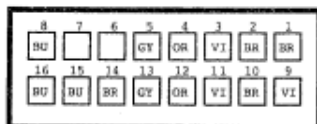
4430

Brake pad wear harness
Brake pad (RH)
1 pin
White



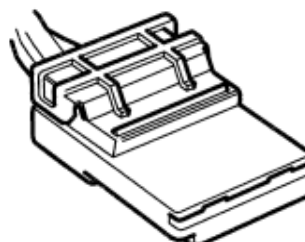
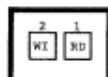
8618A

Front harness
A.C.U. (8168)
16 pin
Black



BB10B

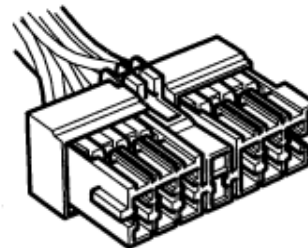
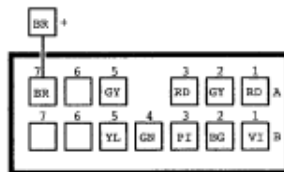
Front harness
Branch box (BB10)
2 pin
Black



Colour codes

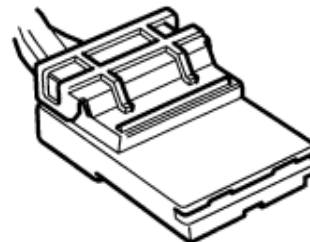
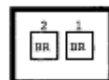
BF00B

Front Harness
Fuse Box (BF00)
13 pin
Brown



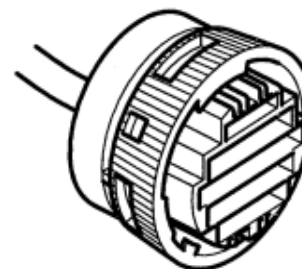
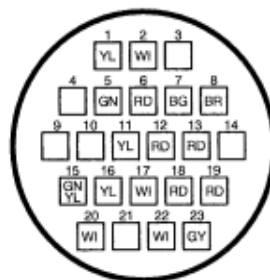
BF00F

Front harness
Fuse box (BF00)
2 pin
Brown



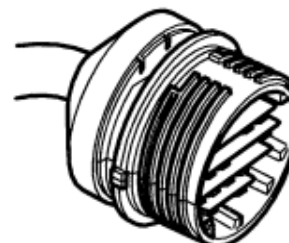
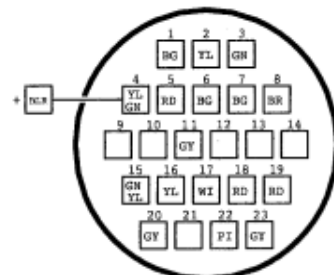
IC02A

Engine harness
Interconnector
FR-EN
23 pin
Black



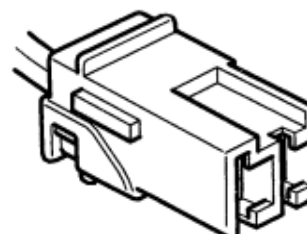
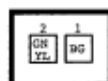
IC02A

Front harness
Interconnector
FR-EN
23 pin
Black



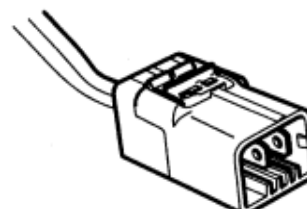
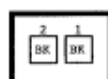
IC03A

Front harness
Interconnector
FR-PW
2 pin
White

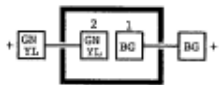
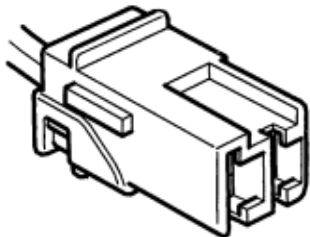
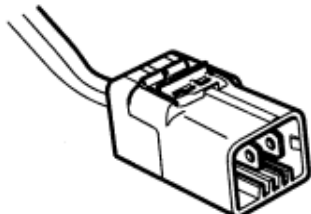
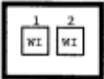
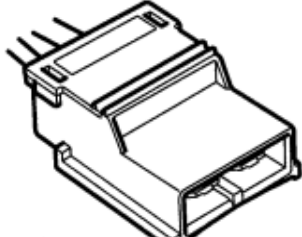
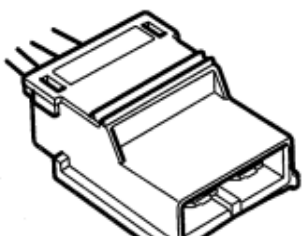


IC03A

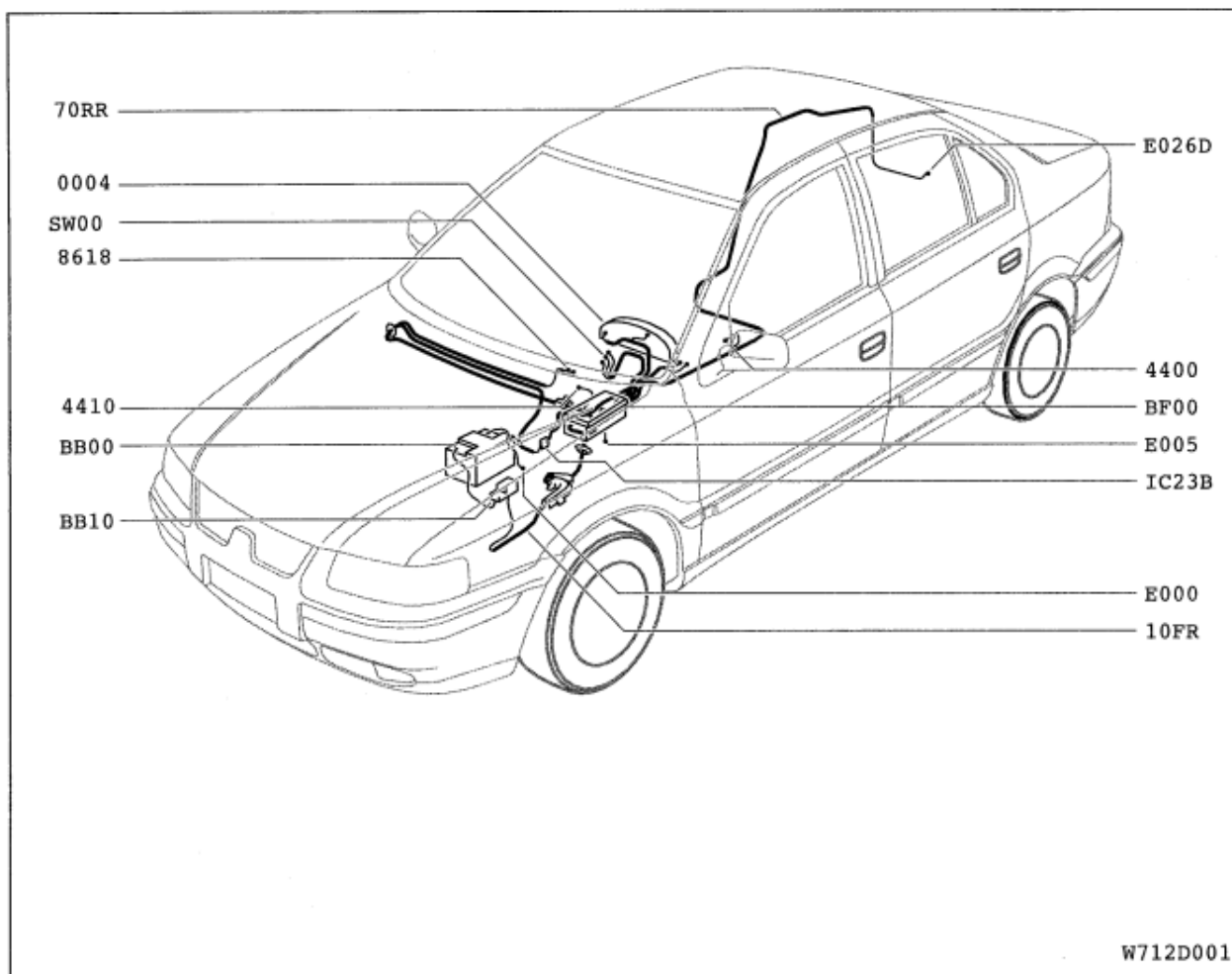
Brake pad wear harness
FR-PW
2 pin
White



Colour codes

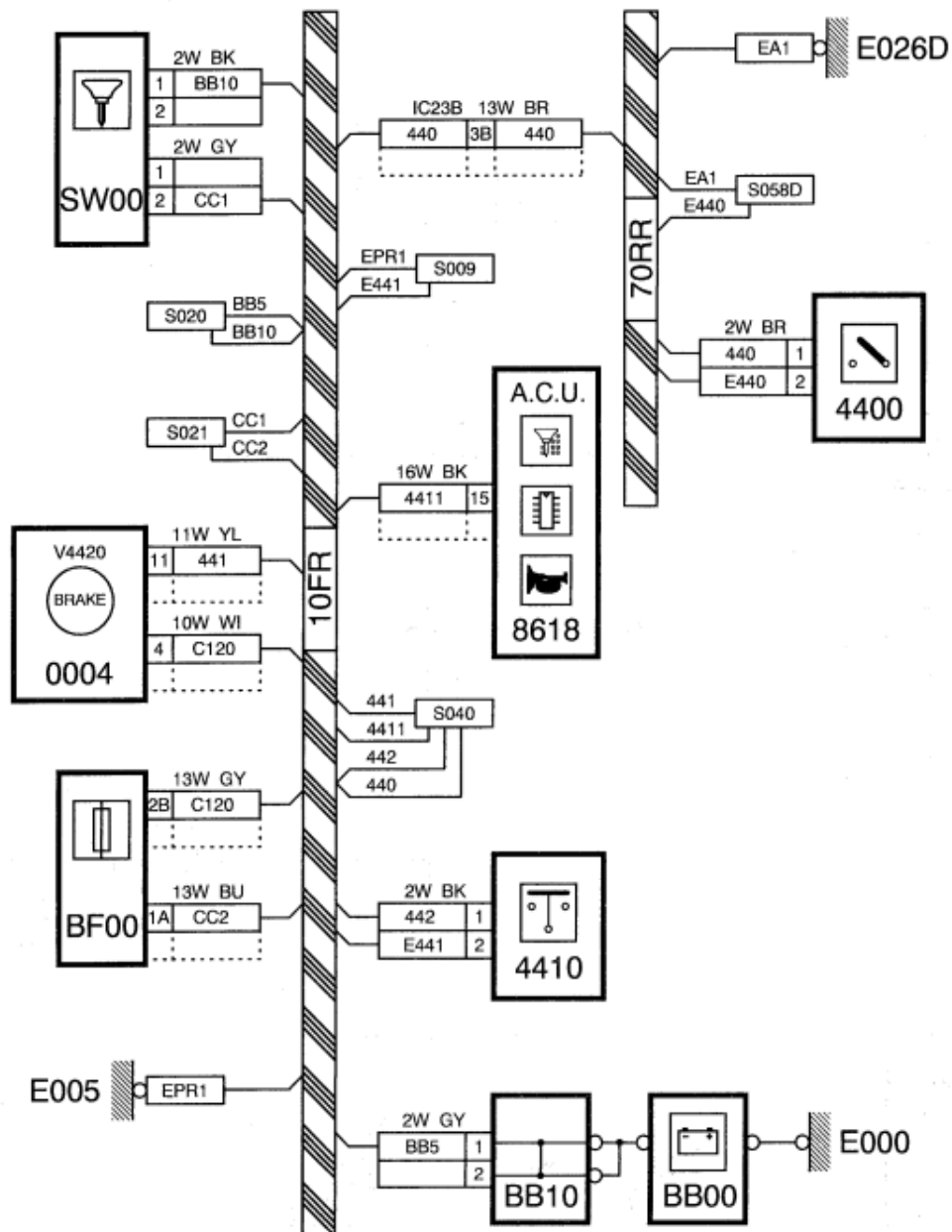
IC03B Front harness Interconnector FR-PW 2 pin White 	
IC03B Brake pad wear harness FR-PW 2 pin White 	
SW00A Front harness Ignition switch (SW00) 2 pin Black 	
SW00B Front harness Ignition switch (SW00) 2 pin Grey 	

Brake fluid level and Handbrake warning lamps



Component Number	Component Description	Connectors	Harness
0004	Instrument cluster V4420=Handbrake/Low level fluid brake warning lamp	0004C,0004F	Front
4400	Handbrake switch	4400	Rear
4410	Brake fluid level switch	4410	Front
8618	A.C.U.	8618A	Front
BB00	Battery	--	Front
BB10	Branch box	BB10B	Front
BF00	Fuse box (F12)	BF00C,BF00J	Front
E000	Battery Earth point	Battery	Front
E005	Earth point	LH side Plenum chamber	Front
E026D	Earth point	Rear panel inner-Boot	Rear
Interconnector	Front to rear harness	IC23B	FR-RR
SW00	Ignition switch	SW00A,SW00B	Front

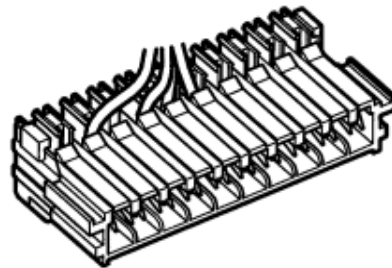
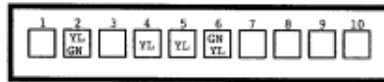
Circuit



Colour codes

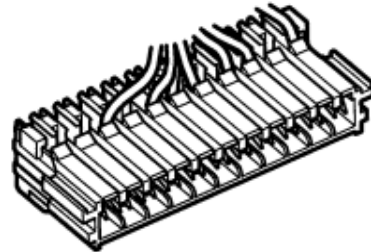
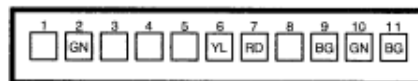
0004C

Front harness
Instrument cluster (0004)
10 pin
White



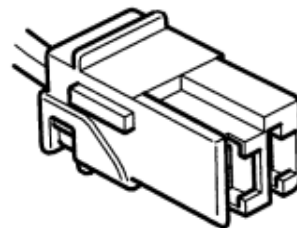
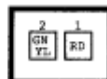
0004F

Front harness
Instrument cluster (0004)
11 pin
Yellow



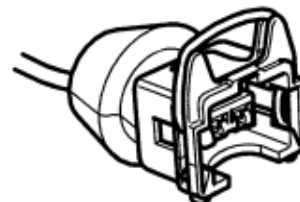
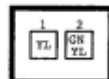
4400

Rear harness
Handbrake switch
2 pin
Brown



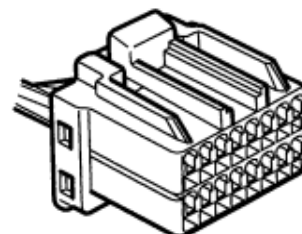
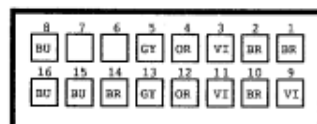
4410

Front harness
Brake fluid level switch
2 pin
Black



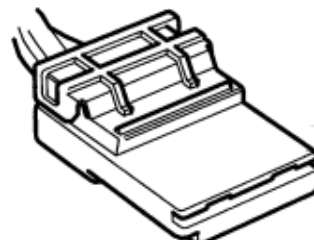
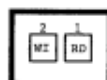
8618A

Front harness
A.C.U. (8168)
16 pin
Black



BB10B

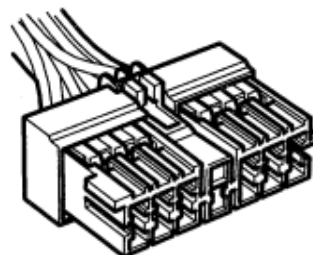
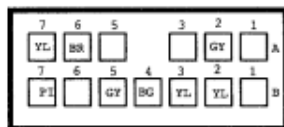
Front harness
Branch box (BB10)
2 pin
Black



Colour codes

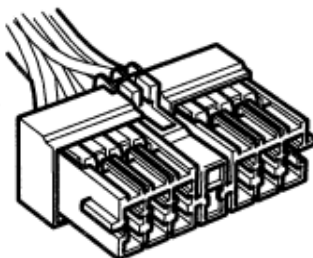
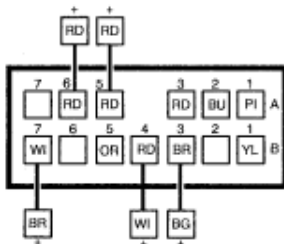
BF00C

Front harness
Fuse box (BF00)
13 pin
Grey



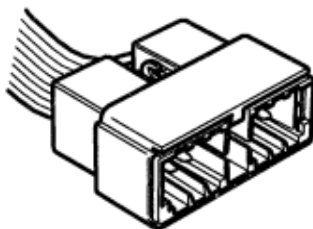
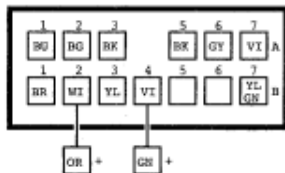
BF00J

Front harness
Fuse box (BF00)
13 pin
Blue



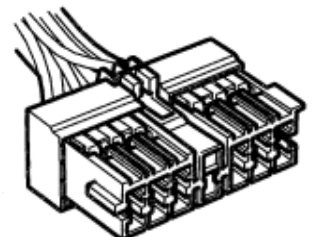
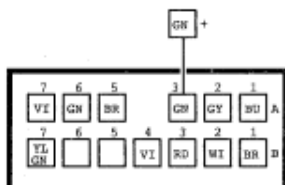
IC23B

Front harness
Interconnector
FR-RR
13 pin
Brown



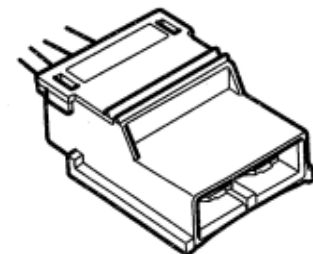
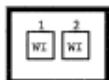
IC23B

Rear harness
Interconnector
FR-RR
13 pin
Brown



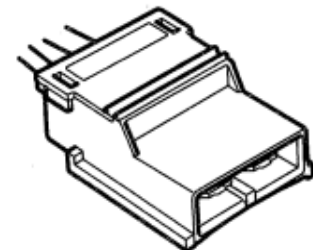
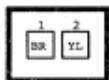
SW00A

Front harness
Ignition switch (SW00)
2 pin
Black

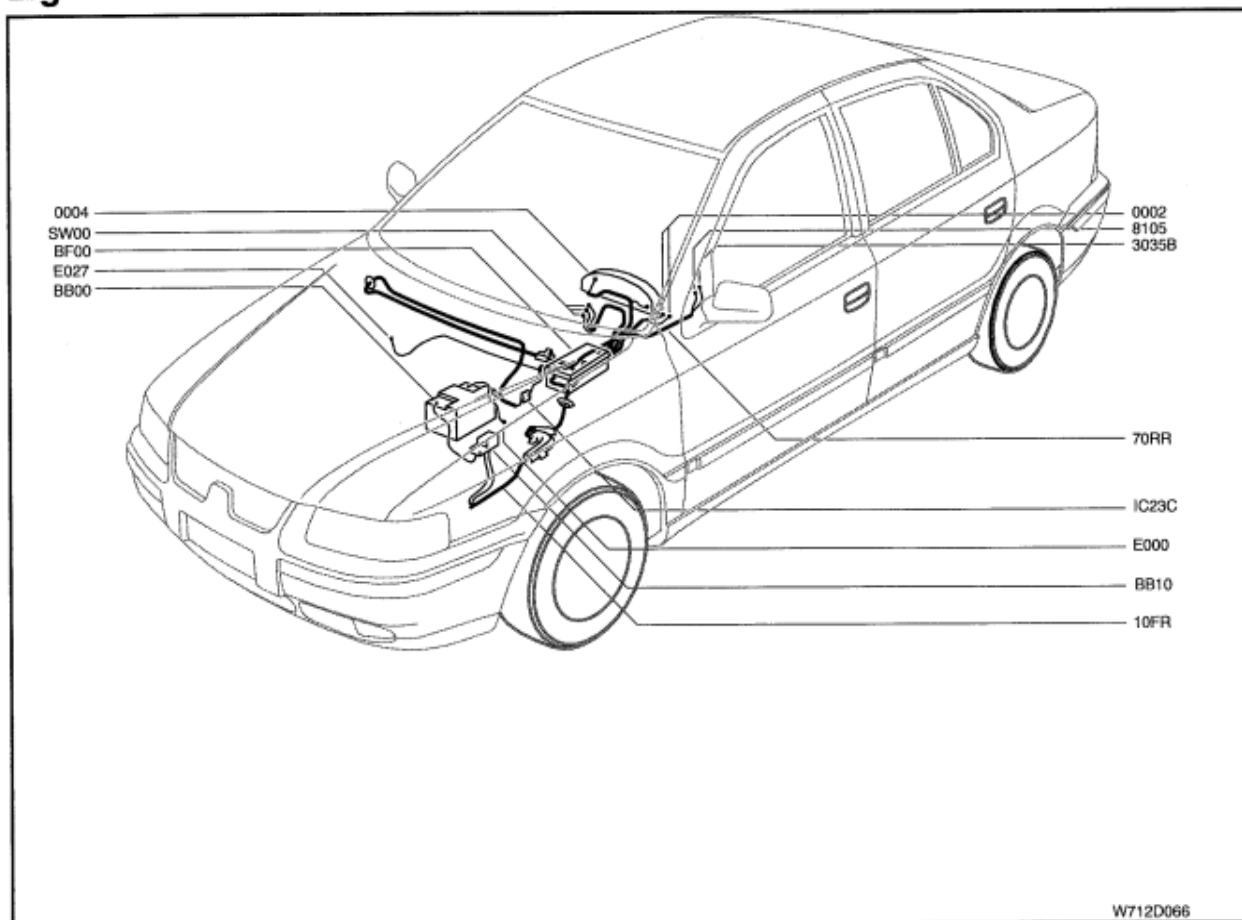


SW00B

Front harness
Ignition switch (SW00)
2 pin
Grey



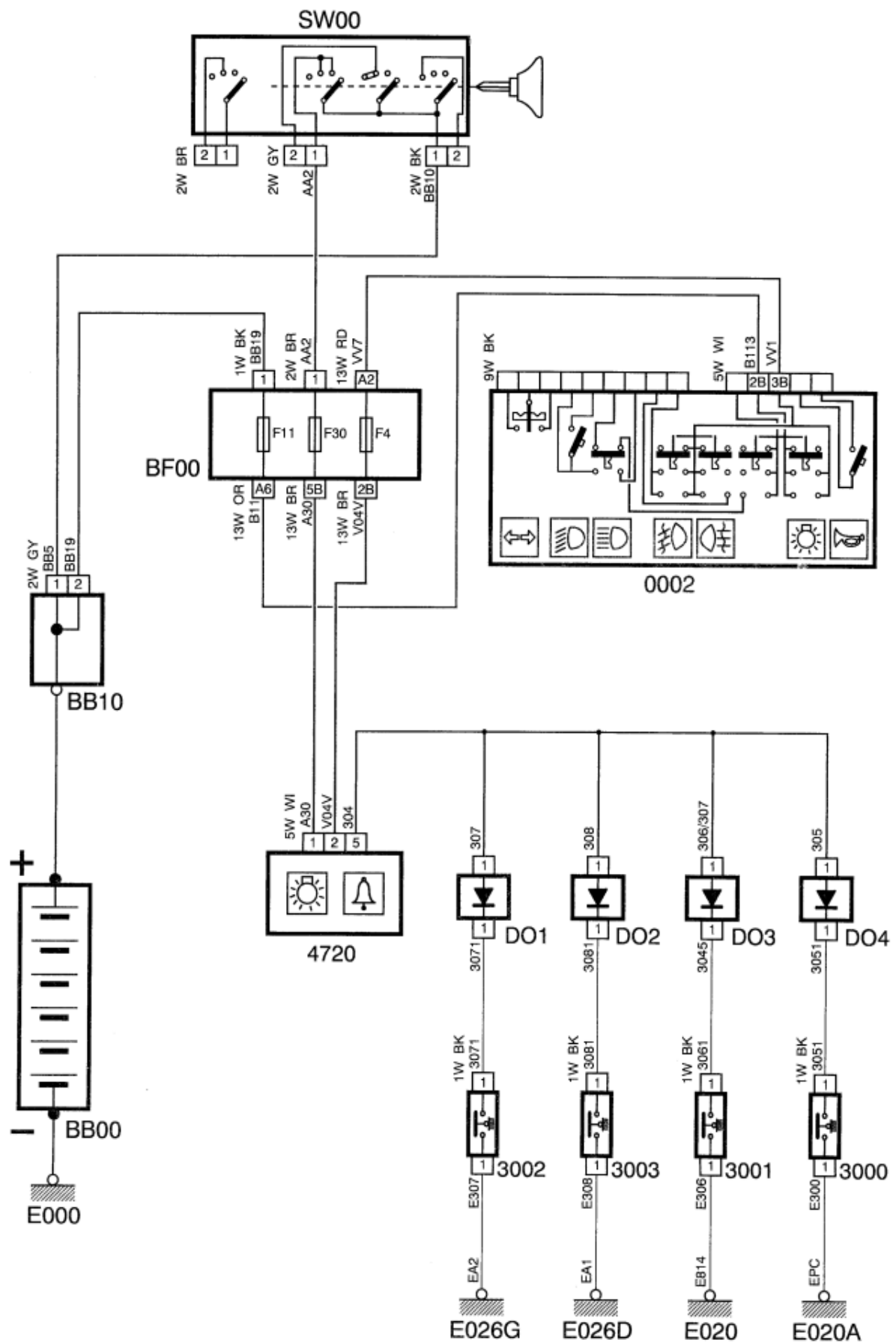
Lights on buzzer



W712D066

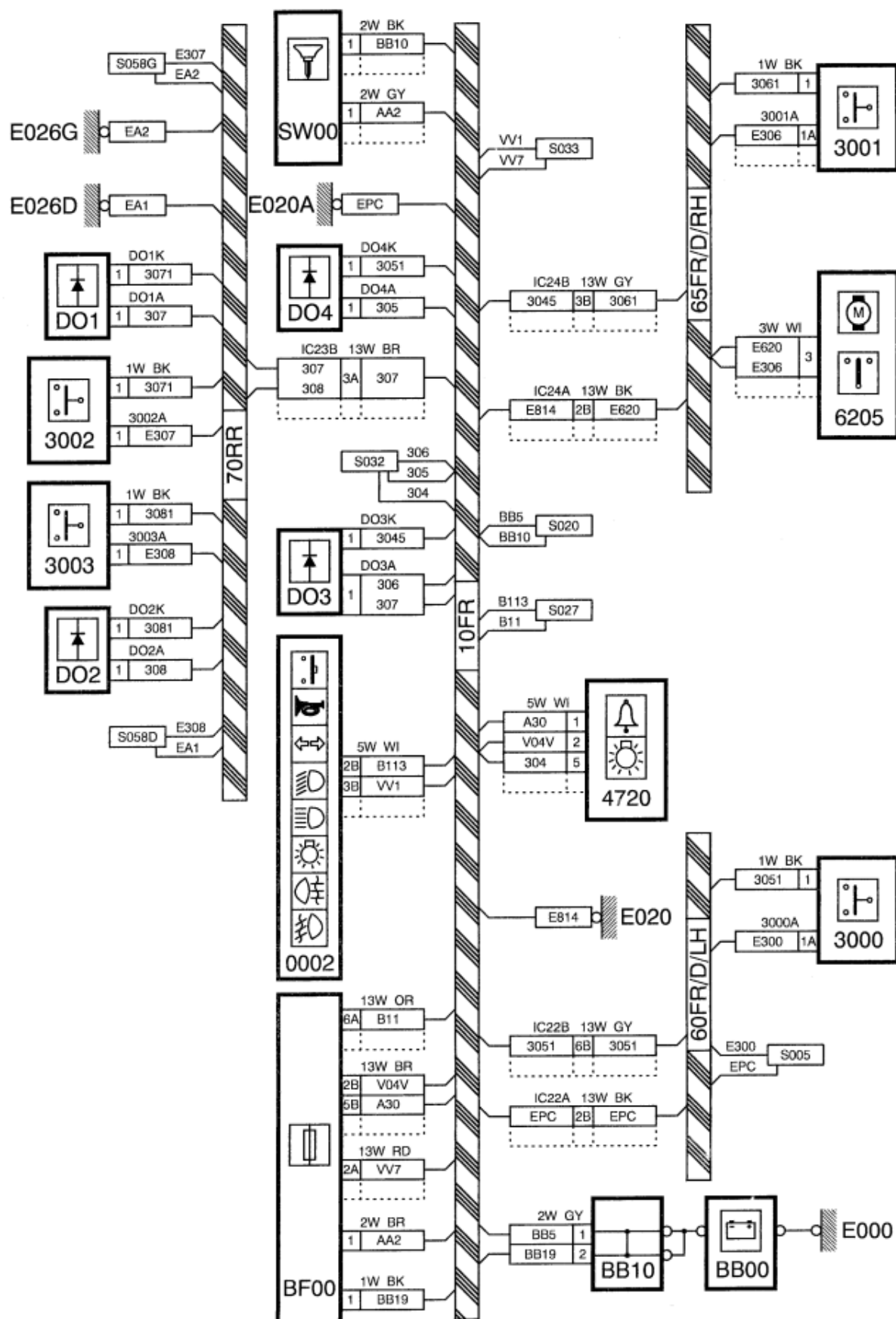
Component Number	Component Description	Connectors	Harness
0002	Light switch	2600A	Front
3000	Door contact switch	3000,3000A	Front door (LH)
3001	Door contact switch	3001,3001A	Front door (RH)
3002	Door contact switch	3002,3002A	Rear
3003	Door contact switch	3003,3003A	Rear
4720	Buzzer	4720	Front
6205	Door lock switch	6205	Front door (RH)
BB00	Battery	--	Front
BB10	Branch box	BB10B	Front
BF00	Fuse box (F4,F11,F30)	BF00A,BF00B,BF00D,BF00F,BF00H	Front
E000	Battery Earth point	Battery	Front
E020	Earth point	Bottom RH - A Post	Front
E020A	Earth point	Bottom LH - A Post	Front
E026D	Earth point	Rear panel Inner-Boot	Rear
E026G	Earth point	Rear panel Inner-Boot	Rear
Interconnector	Front to front door harness (LH)	IC22A	FR-FR/D/LH
Interconnector	Front to front door harness (LH)	IC22B	FR-FR/D/LH
Interconnector	Front to rear harness	IC23B	FR-RR
Interconnector	Front to front door harness (RH)	IC24A	FR-FR/D/RH
Interconnector	Front to front door harness (RH)	IC24B	FR-FR/D/RH
SW00	Ignition switch	SW00A,SW00B	Front

Schematic



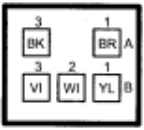
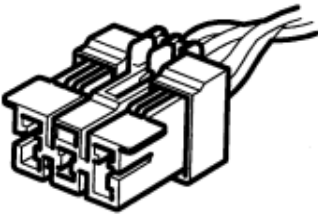
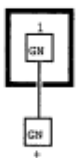
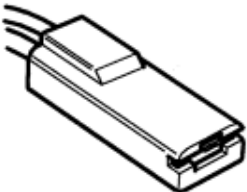
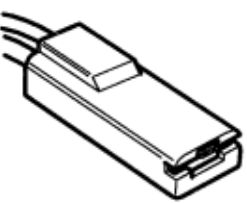
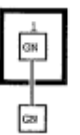
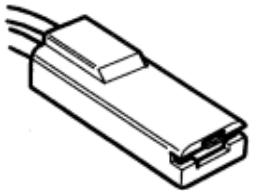
W712D147

Circuit



W712D148

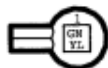
Colour codes

2600A Front harness Light switch 5 pin White 	
3000 Front door harness LH Door contact switch 1 pin Black 	
3000A LH front door harness Door contact switch 1 pin 	
3001 Front door harness RH Door contact switch 1 pin Black 	
3001A Front door harness Door contact switch 1 pin 	
3002 Rear harness Door contact switch 1 pin Black 	

Colour codes

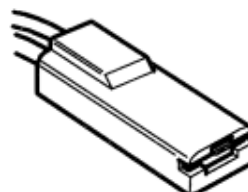
3002A

Rear harness
Door contact switch
1 pin



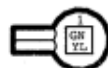
3003

Rear harness
Door contact switch
1 pin
Black



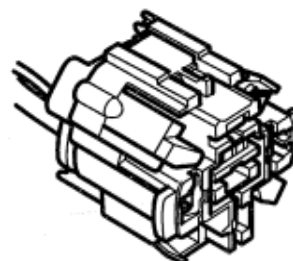
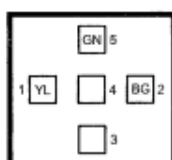
3003A

Rear harness
Door contact switch
1 pin



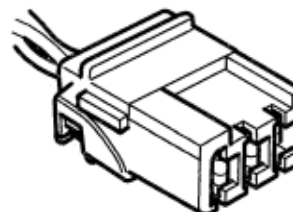
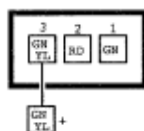
4720

Front harness
Lamps on buzzer relay
5 pin
White



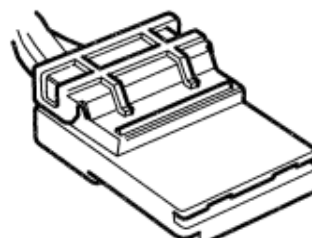
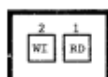
6245 (6205)

RH front door harness
Door lock switch
3 pin
White



BB10B

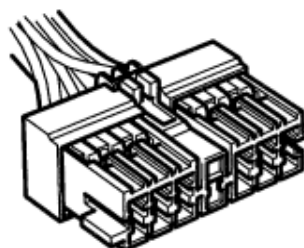
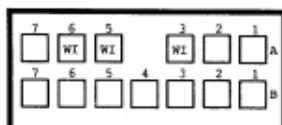
Front harness
Branch box (BB10)
2 pin
Black



Colour codes

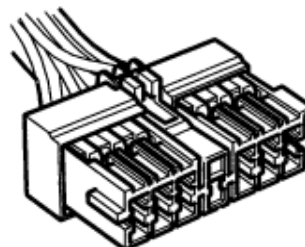
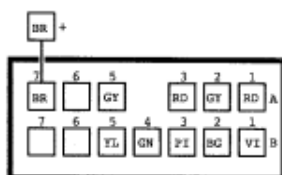
BF00A

Front Harness
Fuse Box (BF00)
13 pin
Orange



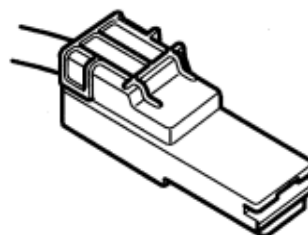
BF00B

Front Harness
Fuse Box (BF00)
13 pin
Brown



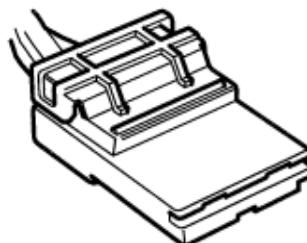
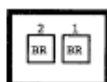
BF00D

Front Harness
Fuse Box (BF00)
1 pin
Black



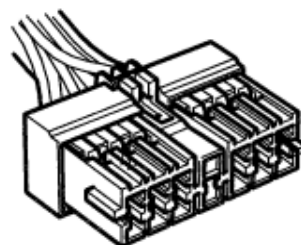
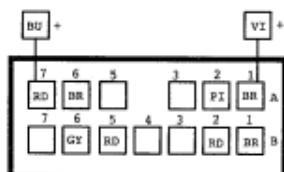
BF00F

Front harness
Fuse box (BF00)
2 pin
Brown



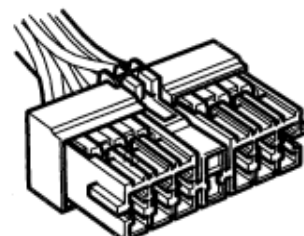
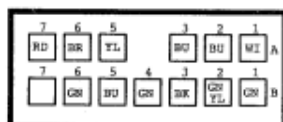
BF00H

Front harness
Fuse box (BF00)
13 pin
Red



IC22A

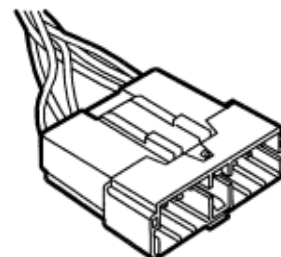
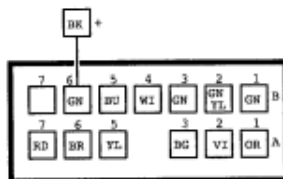
Front door harness LH
Interconnector
FR-FR/LH/D
13 pin
Black



Colour codes

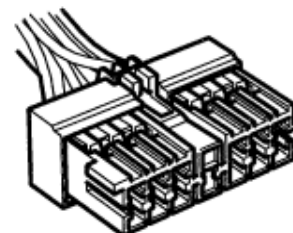
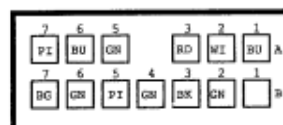
IC22A

Front harness
Interconnector
FR-FR/LH/D
13 pin
Black



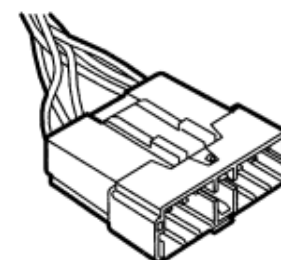
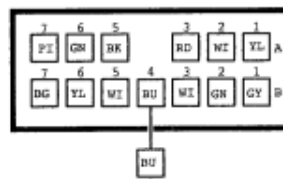
IC22B

Front door harness LH
Interconnector
FR-FR/LH/D
13 pin
Grey



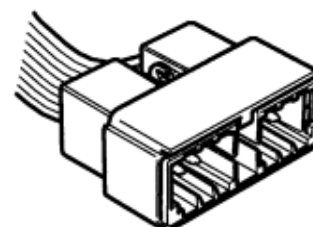
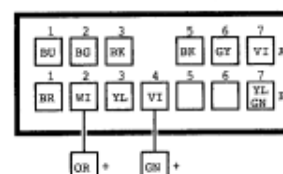
IC22B

Front harness
Interconnector
FR-FR/LH/D
13 pin
Grey



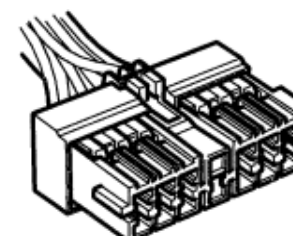
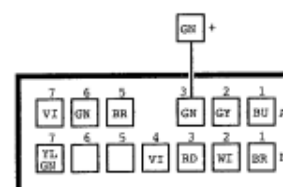
IC23B

Front harness
Interconnector
FR-RR
13 pin
Brown



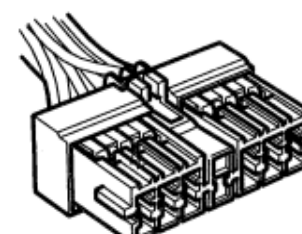
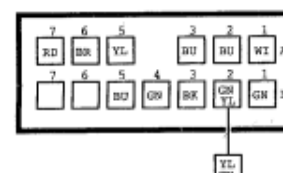
IC23B

Rear harness
Interconnector
FR-RR
13 pin
Brown



IC24A

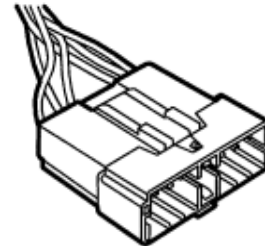
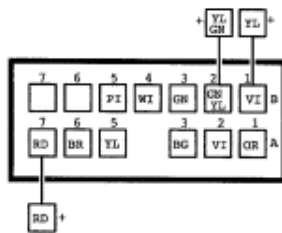
Front door harness RH
Interconnector
FR-FR/RH/D
13 pin
Black



Colour codes

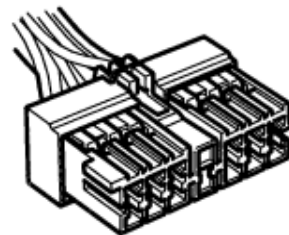
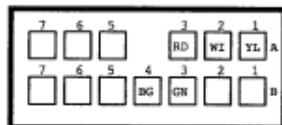
IC24A

Front harness
Interconnector
FR-FR/RH/D
13 pin
Black



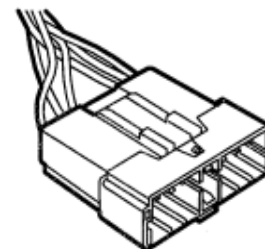
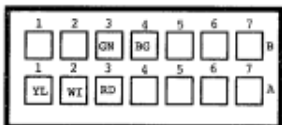
IC24B

Front door harness
Interconnector
FR-FR/RH/D
13 pin
Grey



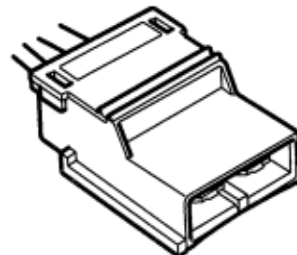
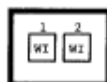
IC24B

Front harness
Interconnector
FR-FR/RH/D
13 pin
Grey



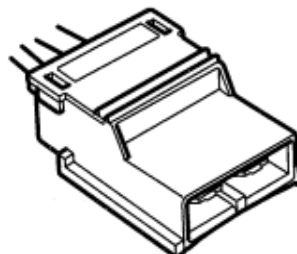
SW00A

Front harness
Ignition switch (SW00)
2 pin
Black



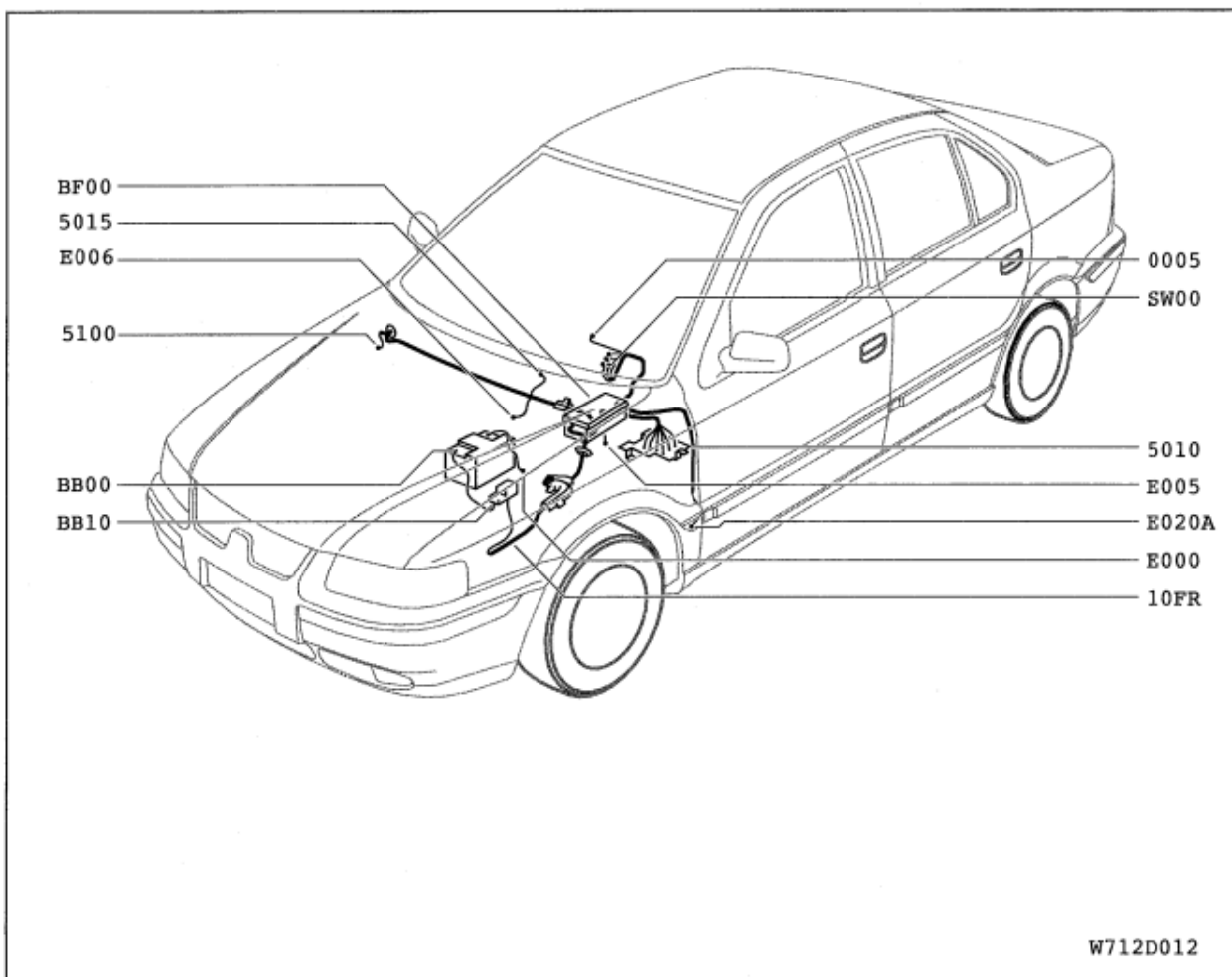
SW00B

Front harness
Ignition switch (SW00)
2 pin
Grey



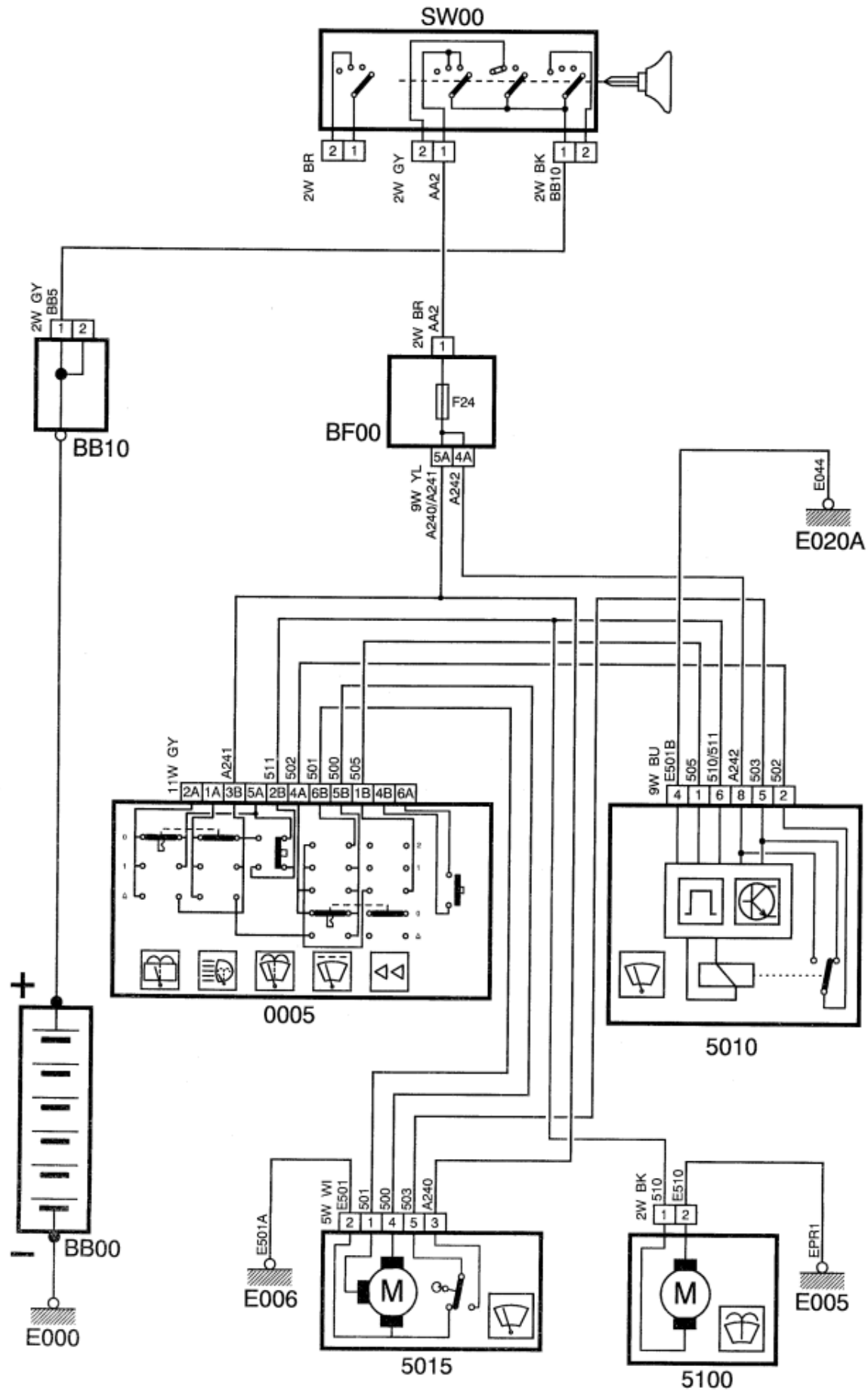
Body Equipment

Front screen wiper and Screen wash

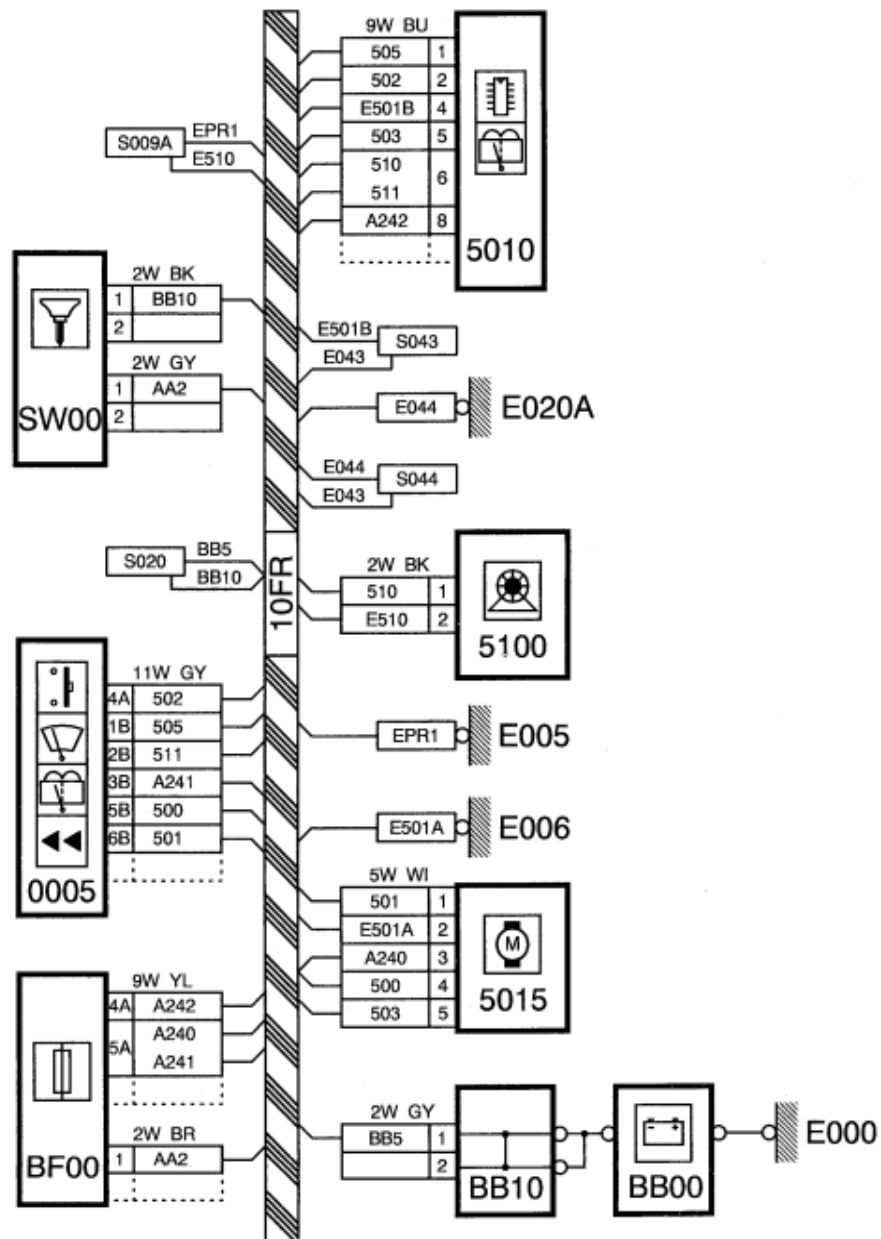


Component Number	Component Description	Connectors	Harness
0005	Screen wiper switch	0005	Front
5010	Windscreen wiper control unit	5010	Front
5015	Windscreen wiper motor	5015	Front
5100	Windscreen wash pump	5100	Front
BB00	Battery	--	Front
BB10	Branch box	BB10B	Front
BF00	Fuse box (F24)	BF00F,BF00G	Front
E000	Battery Earth point	Battery	Front
E005	Earth point	LH side-Plenum	
E006	Earth point	Centre-Plenum	
E020A	Earth point	Bottom LH-A post	Front
SW00	Ignition switch	SW00A,SW00B	Front

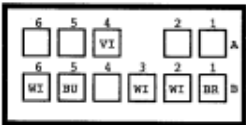
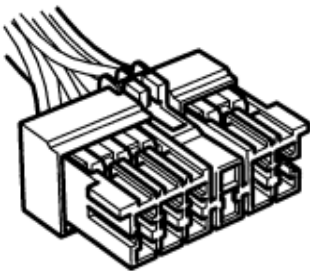
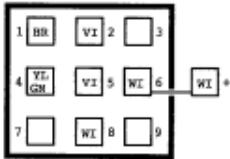
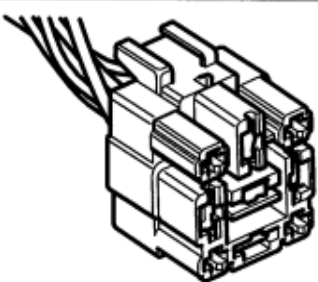
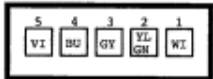
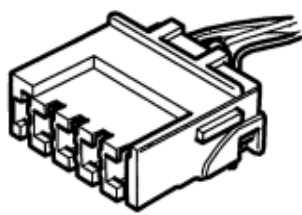
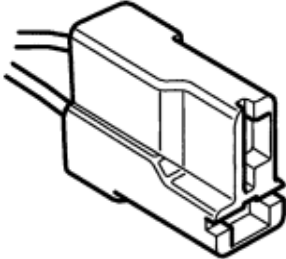
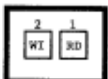
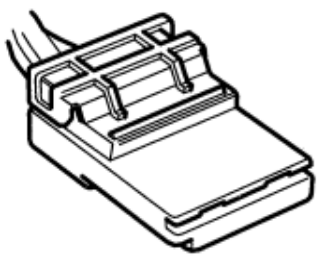
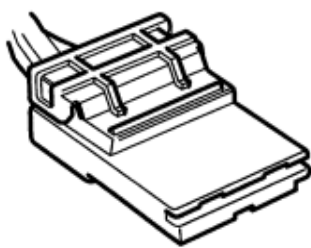
Circuit



Circuit



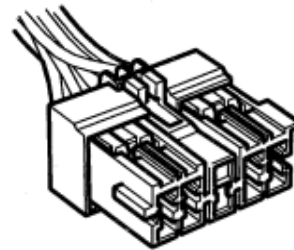
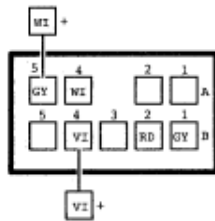
Colour codes

0005 Front harness Screen wiper switch 11 pin Grey 	
5010 Front harness Windscreen wiper control unit 9 pin Blue 	
5015 Front harness Windscreen wiper motor 5 pin White 	
5100 Front harness Windscreen washer pump 2 pin Black 	
BB10B Front harness Branch box (BB10) 2 pin Black 	
BF00F Front harness Fuse box (BF00) 2 pin Brown 	

Colour codes

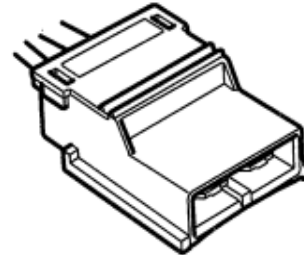
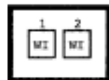
BF00G

Front harness
Fuse box (BF00)
9 pin
Yellow



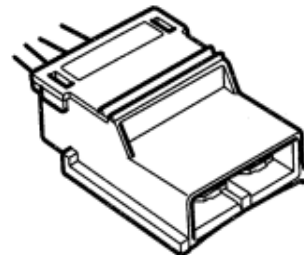
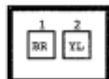
SW00A

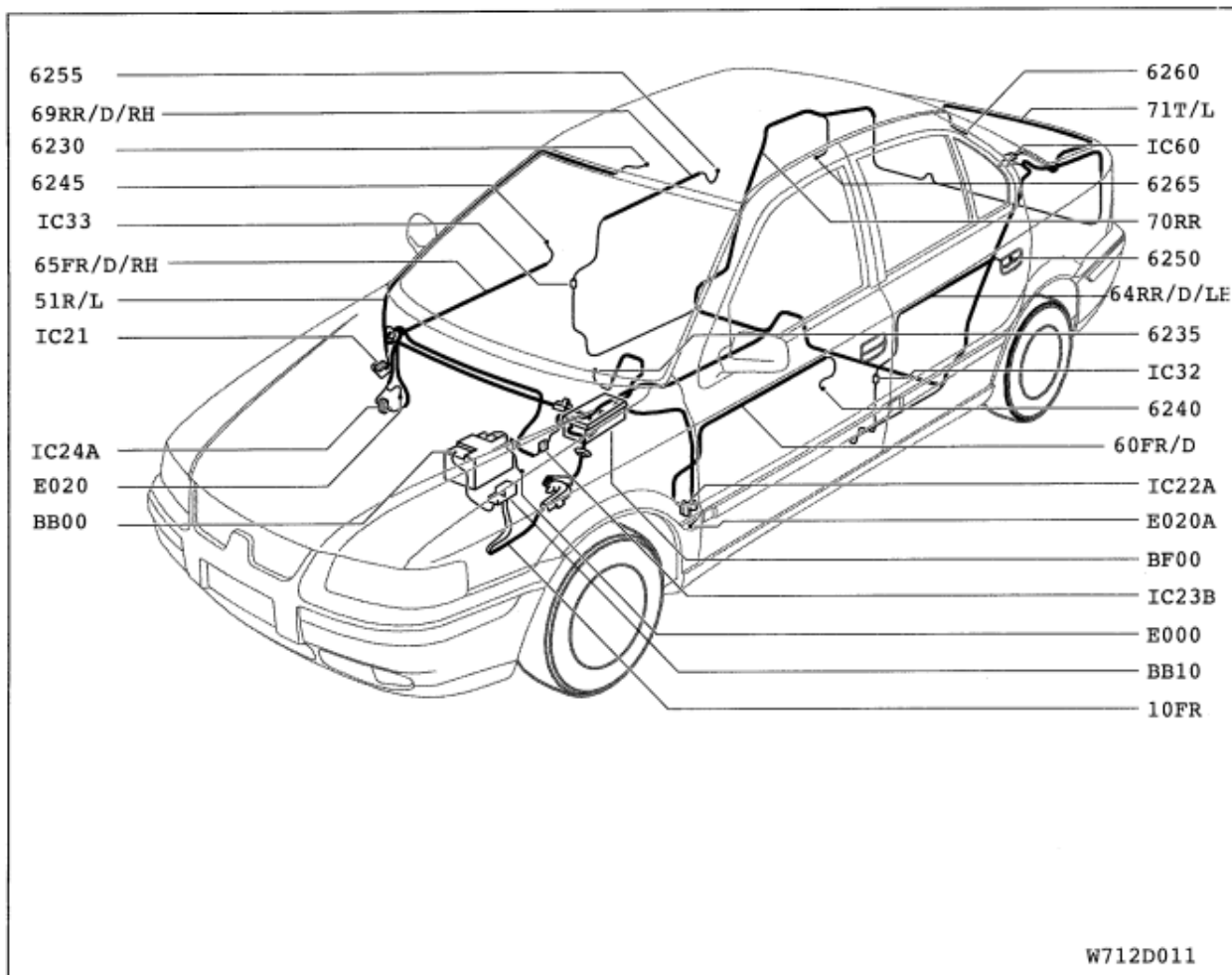
Front harness
Ignition switch (SW00)
2 pin
Black



SW00B

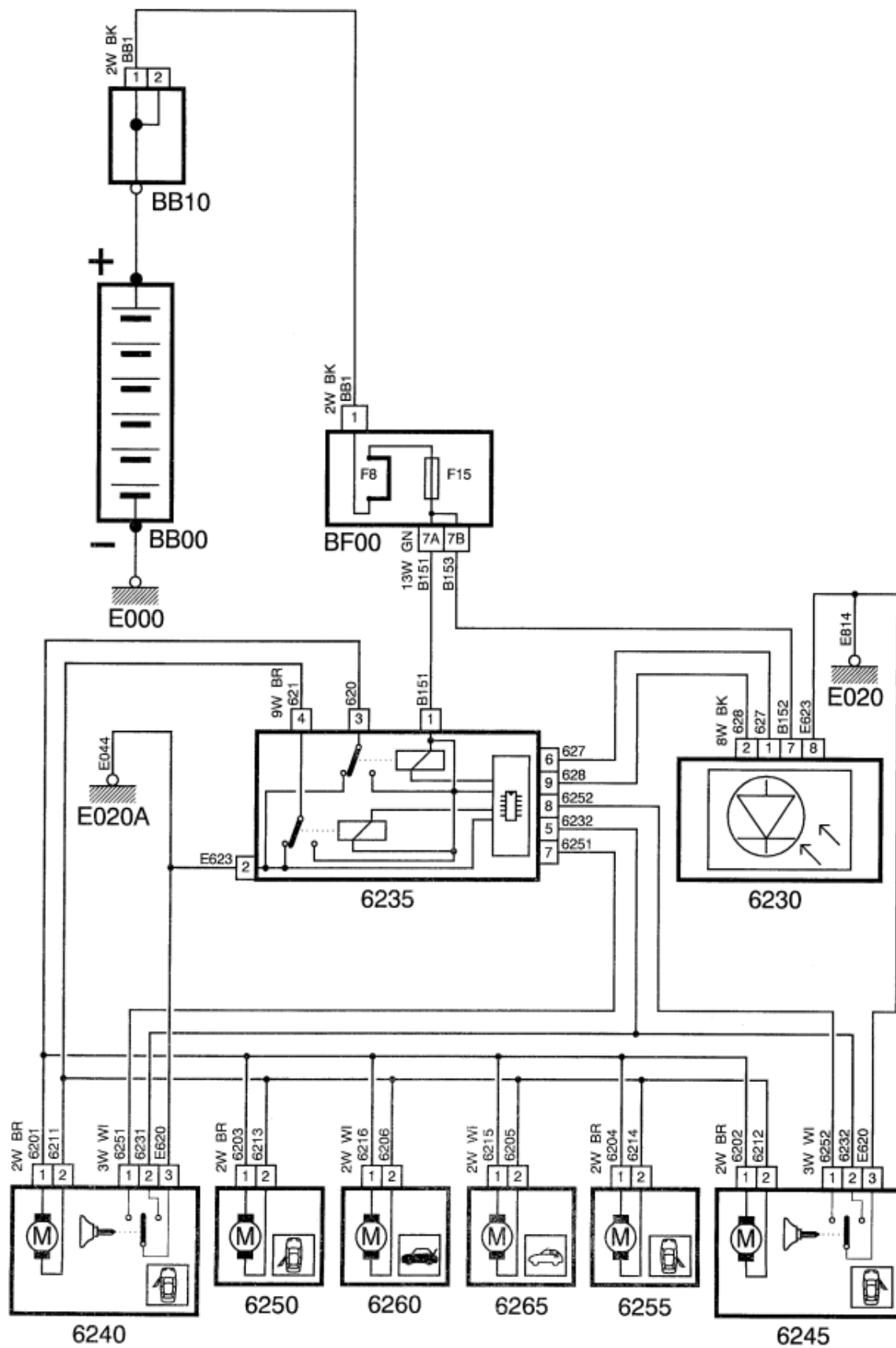
Front harness
Ignition switch (SW00)
2 pin
Grey



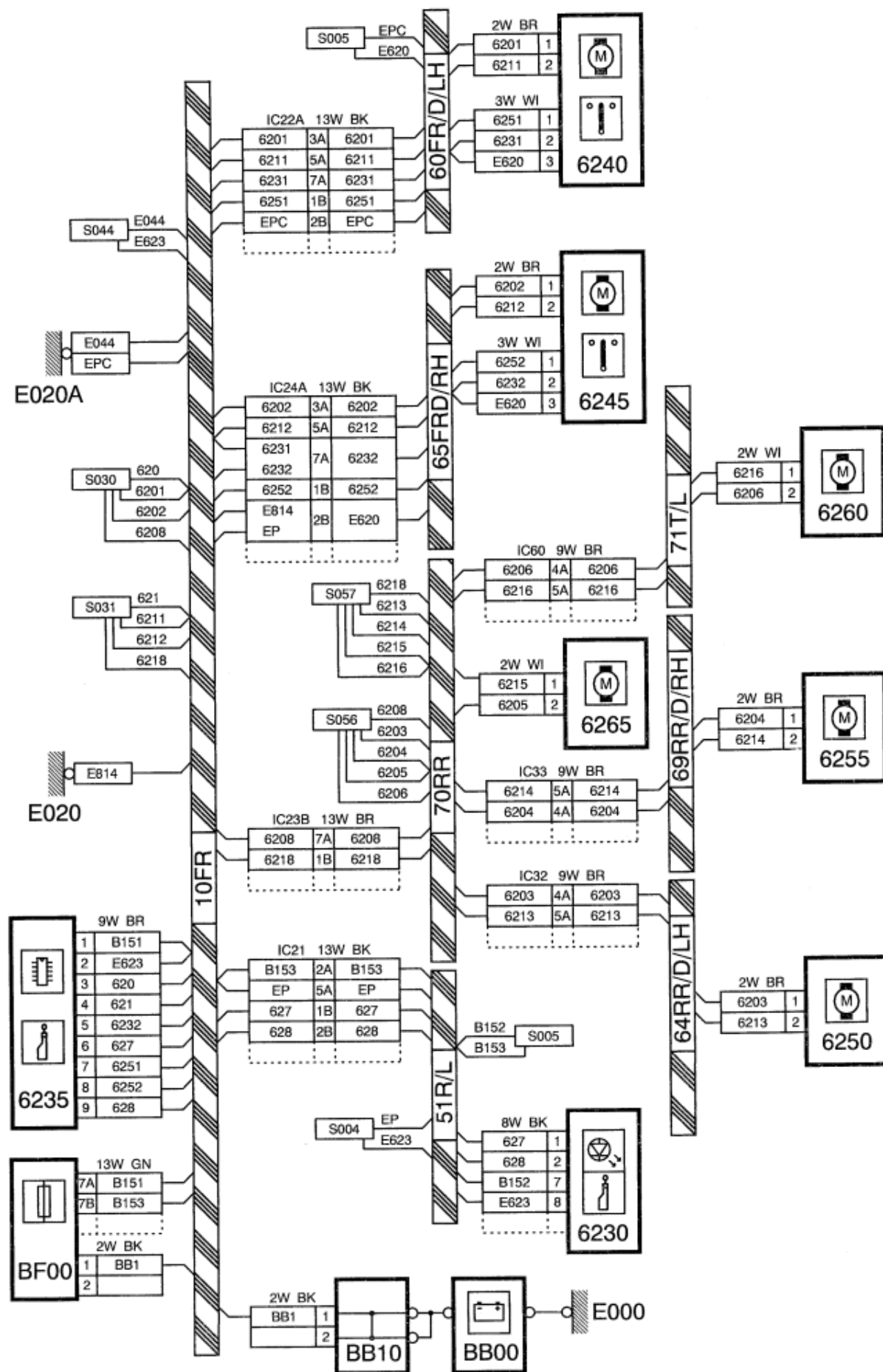
Central locking (Without A.C.U.)

Component Number	Component Description	Connectors	Harness
6230	Infra red receiver	6230	Roof lamp
6235	control unit	6235	Front
6240	Front door lock motor (LH)	6240	Front door LH
6240(6200)	Door lock switch (LH)	6200	Front door LH
6245	Front door lock motor (RH)	6245	Front door RH
6245(6205)	Door lock switch (RH)	6205	Front door RH
6250	Rear door lock motor (LH)	6250	Rear door LH
6255	Rear door lock motor(RH)	6255	Rear door RH
6260	Trunk lid lock motor	6260	Trunk lid
6265	Fuel filler flap lock motor	6265	Rear
BB00	Battery	--	Front
BB10	Branch box	BB10A	Front
BF00	Fuse box (F8,F15)	BF00E,BF00I	Front
E000	Battery Earth point	Battery	Front
E020	Earth point	Bottom RH-A post	Front
E020A	Earth point	Bottom LH-A post	Front
Interconnector	Front to Roof lamp harness	IC21	FR-RFL
Interconnector	Front to Front LH door harness	IC22A	FR-FR/D/LH
Interconnector	Front to Rear harness	IC23B	FR-RR
Interconnector	Front to Front RH door harness	IC24A	FR-FR/D/RH
Interconnector	Rear to Rear door harness	IC32	RR-RR/D/L
Interconnector	Rear to Rear door harness	IC33	RR-RR/D/R
Interconnector	Rear to Trunk lid	IC60	RR-TL

Circuit



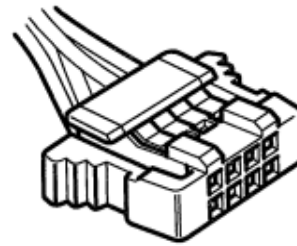
Circuit



Colour codes

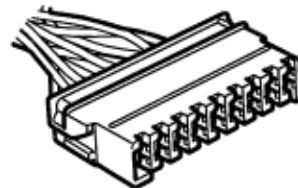
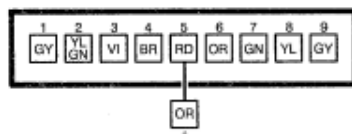
6230

Roof lamp harness
Infra red receiver
8 pin
Black



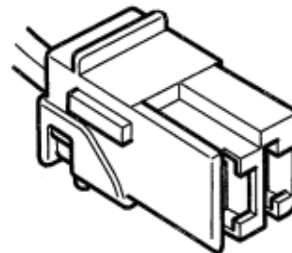
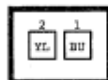
6235

Front harness
Central locking
control unit
9 pin
Brown



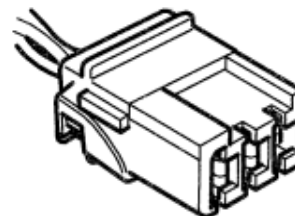
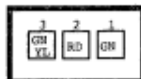
6240

LH front door harness
Door lock motor
2 pin
Brown



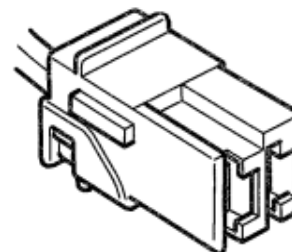
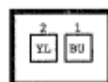
6240 (6200)

LH front door harness
Door lock switch
3 pin
White



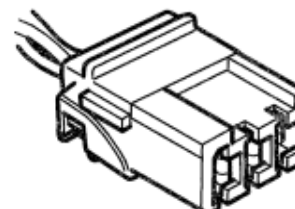
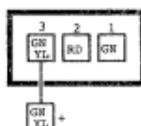
6245

RH front door harness
Door lock motor
2 pin
Brown



6245 (6205)

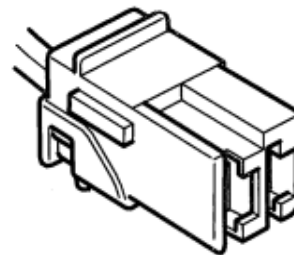
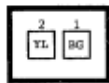
RH front door harness
Door lock switch
3 pin
White



Colour codes

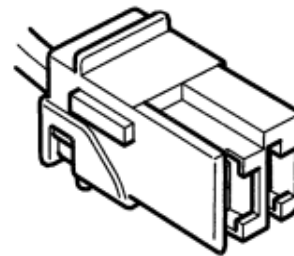
6250

Rear door harness (LH)
Rear door lock motor
2 pin
Brown



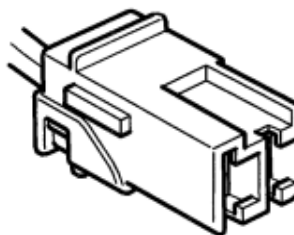
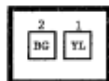
6255

Rear door harness (RH)
Rear door lock motor
2 pin
Brown



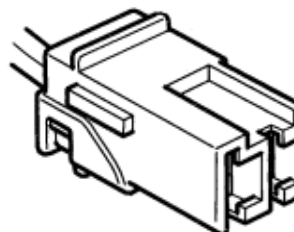
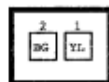
6260

Trunk lid harness
Trunk lid lock motor
2 pin
White



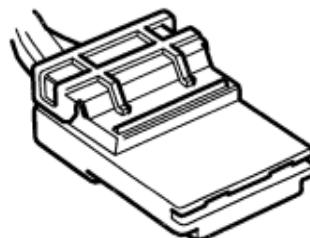
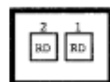
6265

Rear harness
Fuel filler flap
lock motor
2 pin
White



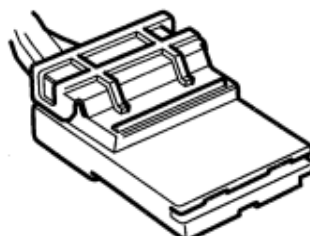
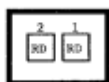
BB10A

Front harness
Branch box (BB10)
2 pin
Black

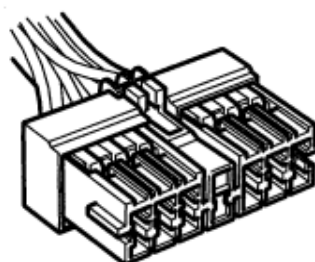
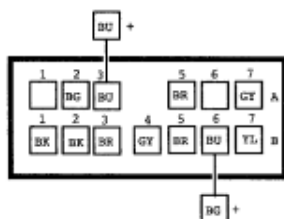
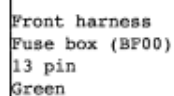


BF00E

Front harness
Fuse box (BF00)
2 pin
Black

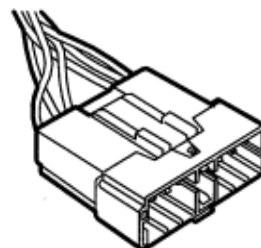
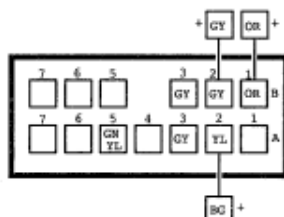


BF001



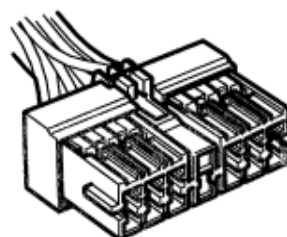
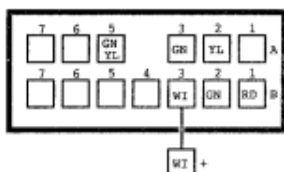
IC21

Front harness
Interconnector
FR-RFL
13 pin
Black



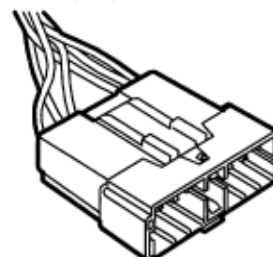
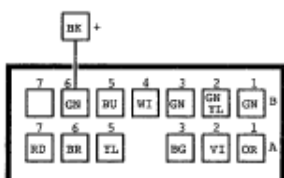
IC21

Roof lamp harness
Interconnector
FR-RFL
13 pin
Black



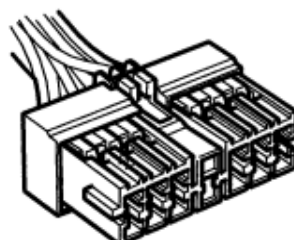
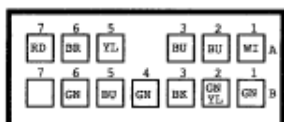
IC22A

Front harness
Interconnector
FR-FR/LH/D
13 pin
Black



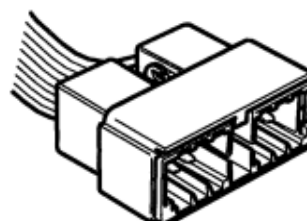
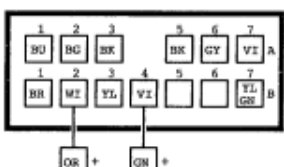
IC22A

Front door harness LH
Interconnector
FR-FR/LH/D
13 pin
Black



IC23B

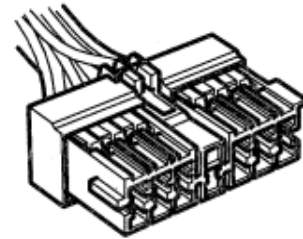
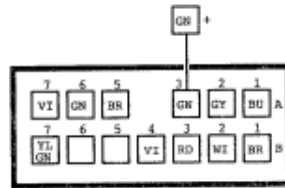
Front harness
Interconnector
FR-RR
13 pin
Brown



Colour codes

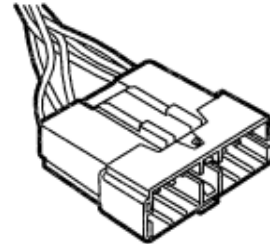
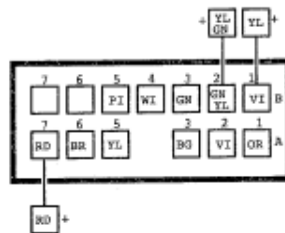
IC23B

Rear harness
Interconnector
FR-RR
13 pin
Brown



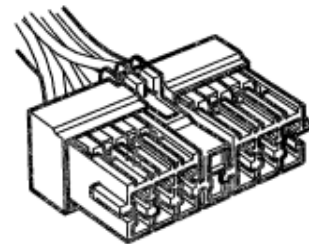
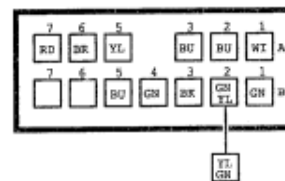
IC24A

Front harness
Interconnector
FR-FR/RH/D
13 pin
Black



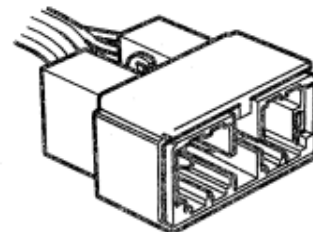
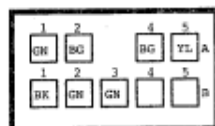
IC24A

Front door harness RH
Interconnector
FR-FR/RH/D
13 pin
Black



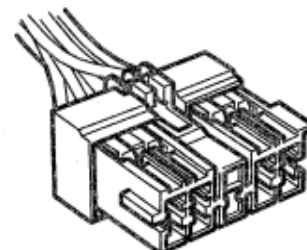
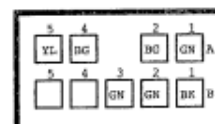
IC32

Rear door harness (LH)
Interconnector
RR-RR/D/L
9 pin
Brown



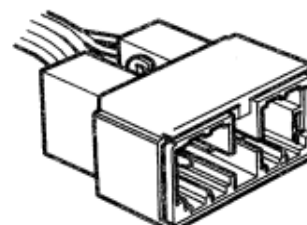
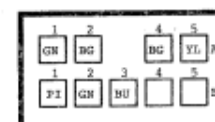
IC32

Rear harness
Interconnector
RR-RR/D/L
9 pin
Brown



IC33

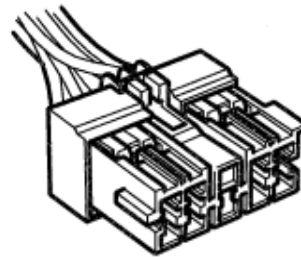
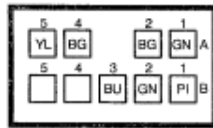
Rear door harness (RH)
Interconnector
RR-RR/D/R
9 pin
Brown



Colour codes

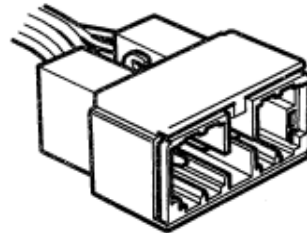
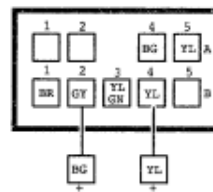
IC33

Rear harness
Interconnector
RR-RR/D/L
9 pin
Brown



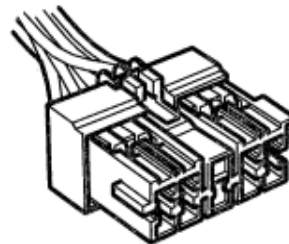
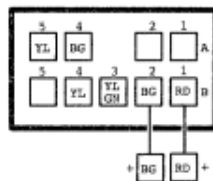
IC60

Rear harness
Interconnector
RR-TL
9 pin
Brown

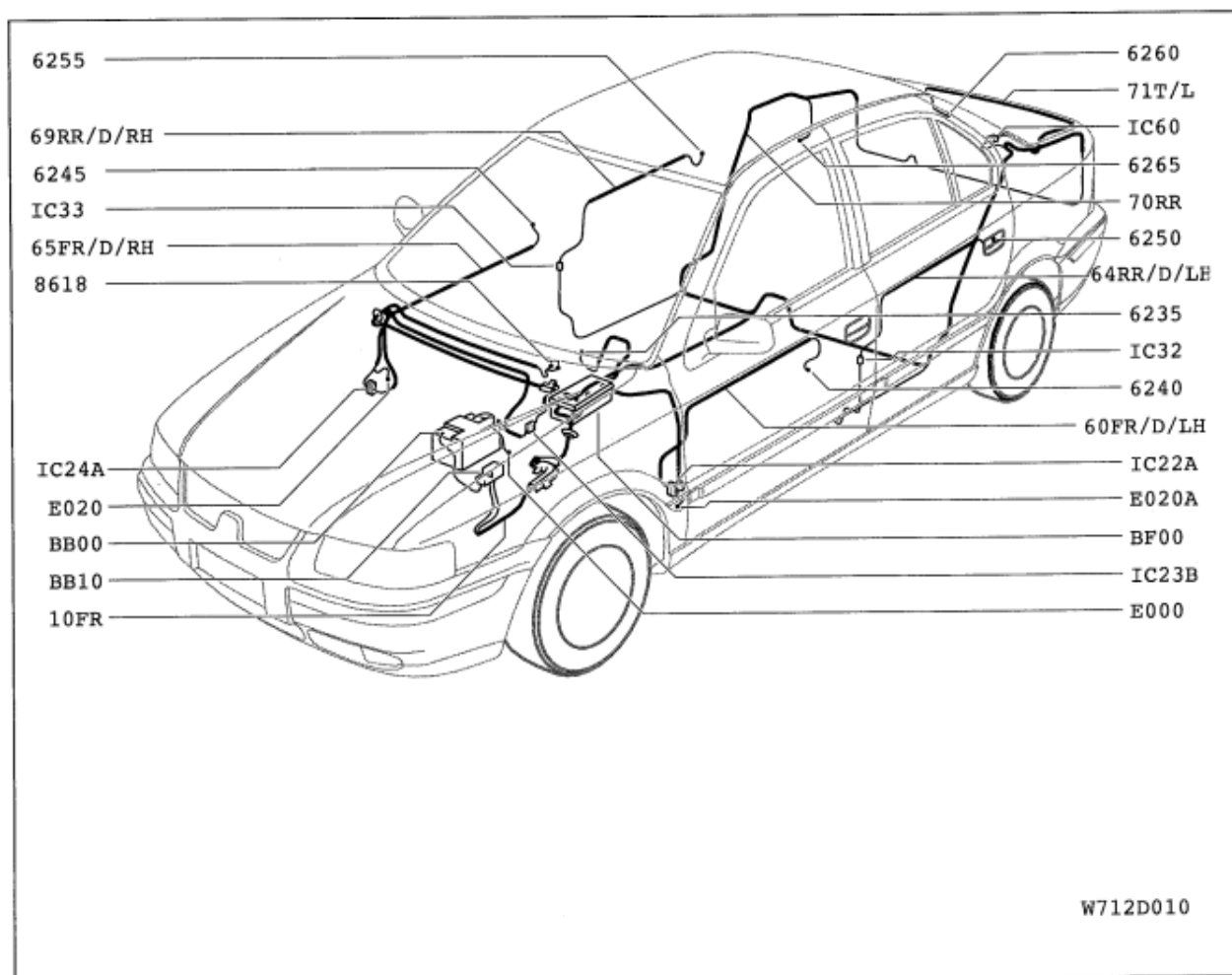


IC60

Trunk lid harness
Interconnector
TL-RR
9 pin
Brown

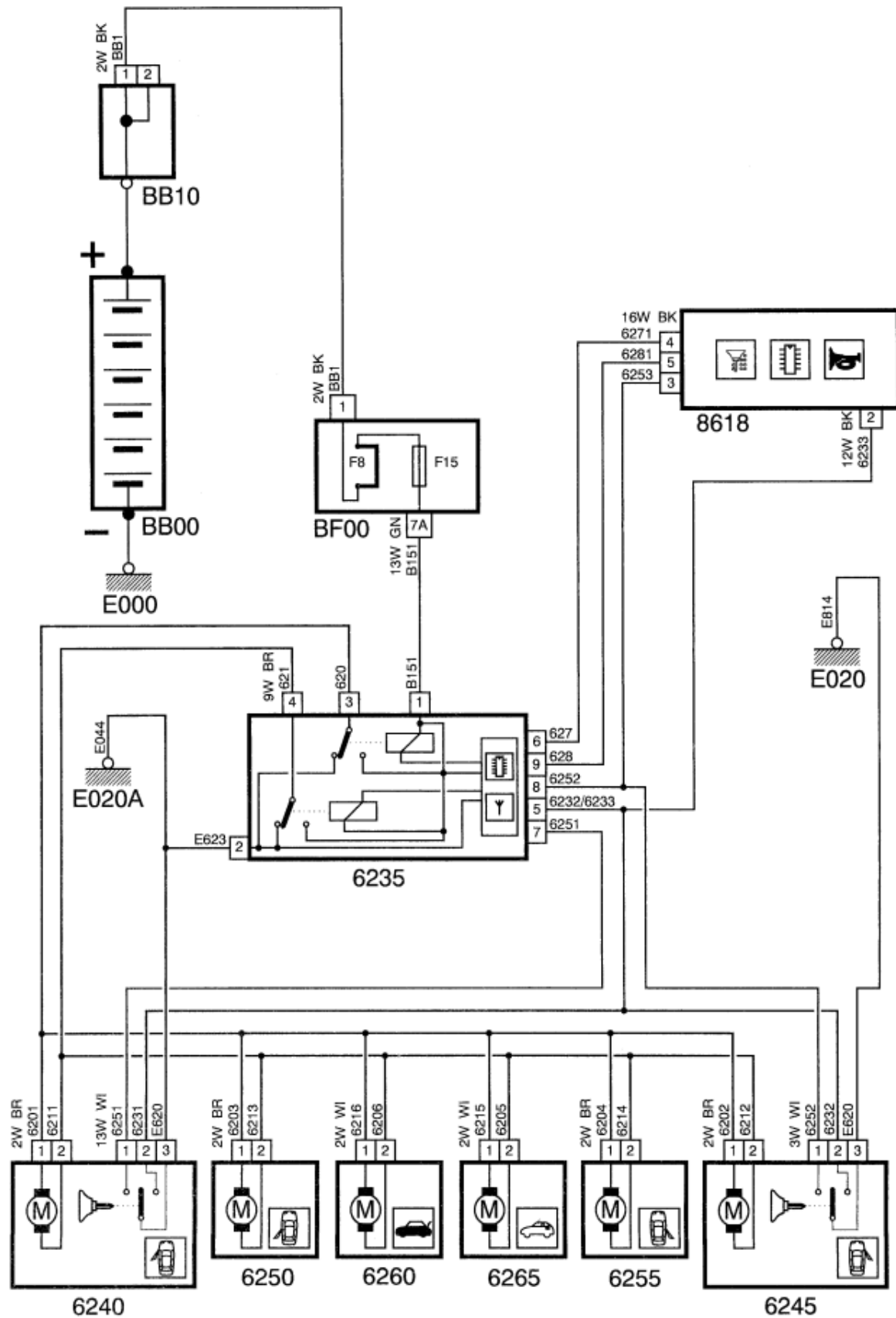


Central locking (With A.C.U.)

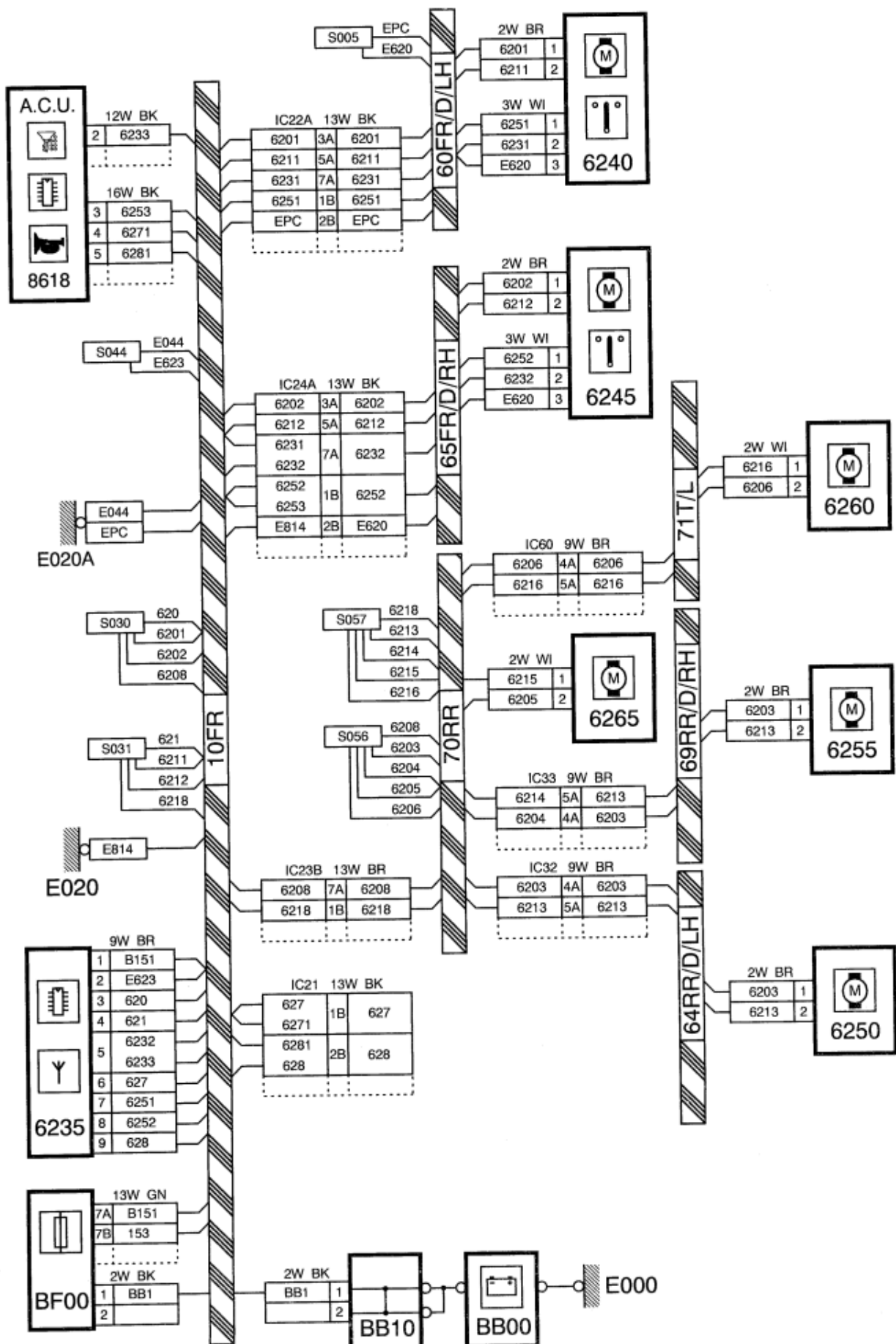


Component Number	Component Description	Connectors	Harness
6235	Central locking control unit (Radio)	6235	Front
6240	Front door lock motor (LH)	6240	Front door LH
6240(6200)	Door lock switch (LH)	6200	Front door LH
6245	Front door lock motor (RH)	6245	Front door RH
6245(6205)	Door lock switch (RH)	6205	Front door RH
6250	Rear door lock motor (LH)	6250	Rear door LH
6255	Rear door lock motor (RH)	6255	Rear door RH
6260	Trunk lid lock motor	6260	Trunk lid
6265	Fuel filler flap lock motor	6265	Rear
8618	A.C.U.	8618A,8618B	Front
BB00	Battery	--	Front
BB10	Branch box	BB10A	Front
BF00	Fuse box (F8,F15)	BF00E,BF00I	Front
E000	Battery Earth point	Battery	Front
E020	Earth point	Bottom RH-A post	Front
E020A	Earth point	Bottom LH-A post	Front
Interconnector	Front to Front LH door harness	IC22A	FR-FR/LH/D
Interconnector	Front to Rear harness	IC23B	FR-RR
Interconnector	Front to Front RH door harness	IC24A	FR-FR/RH/D
Interconnector	Rear to Rear door harness	IC32	RR-RR/D/L
Interconnector	Rear to Rear door harness	IC33	RR-RR/D/R
Interconnector	Rear to Trunk lid	IC60	RR-TL

Schematic



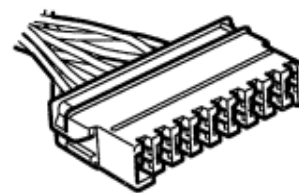
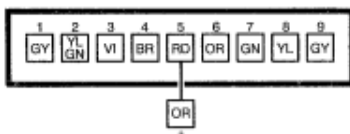
Curcuit



Colour codes

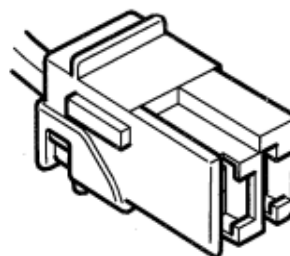
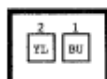
6235

Front harness
Central locking
control unit
9 pin
Brown



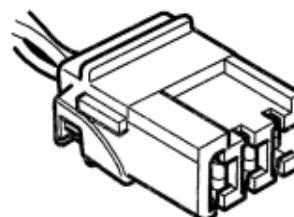
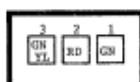
6240

LH front door harness
Door lock motor
2 pin
Brown



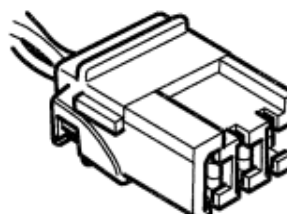
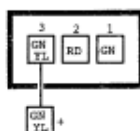
6240 (6200)

LH front door harness
Door lock switch
3 pin
White



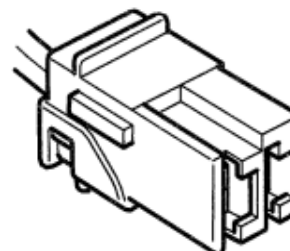
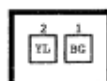
6245 (6205)

RH front door harness
Door lock switch
3 pin
White



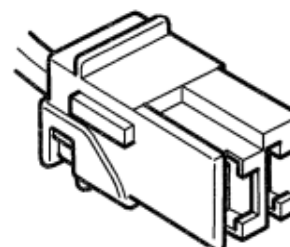
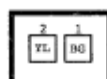
6250

Rear door harness (LH)
Rear door lock motor
2 pin
Brown



6250

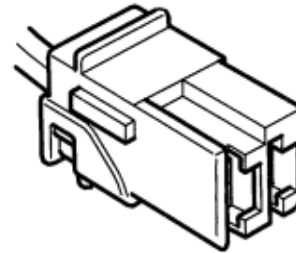
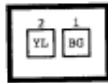
Rear door harness (LH)
Rear door lock motor
2 pin
Brown



Colour codes

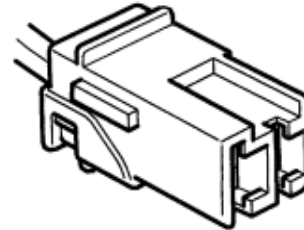
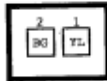
6255

Rear door harness (RH)
Rear door lock motor
2 pin
Brown



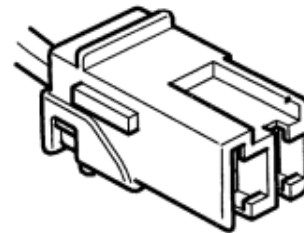
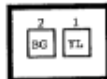
6260

Trunk lid harness
Trunk lid lock motor
2 pin
White



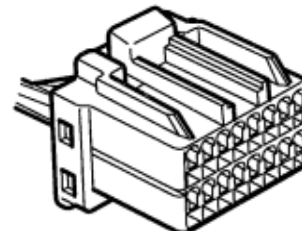
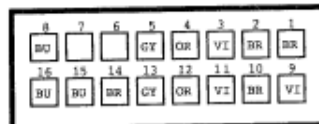
6265

Rear harness
Fuel filler flap
lock motor
2 pin
White



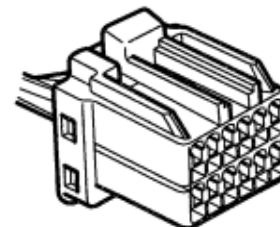
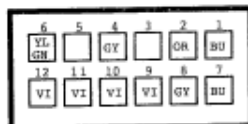
8618A

Front harness
A.C.U. (8168)
16 pin
Black



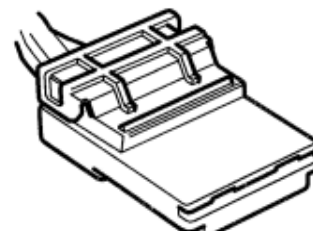
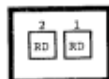
8618B

Front harness
A.C.U. (8618)
12 pin
Black



BB10A

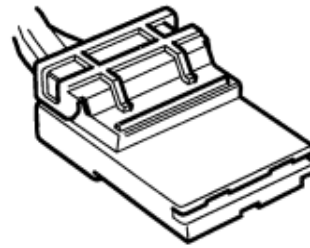
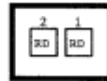
Front harness
Branch box (BB10)
2 pin
Black



Colour codes

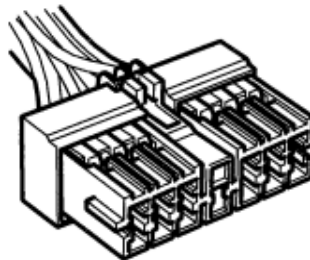
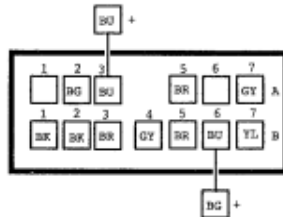
BF00E

Front harness
Fuse box (BF00)
2 pin
Black



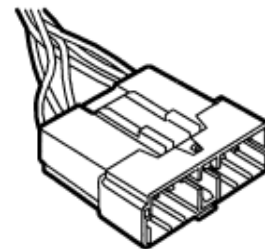
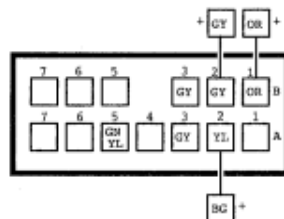
BF00I

Front harness
Fuse box (BF00)
13 pin
Green



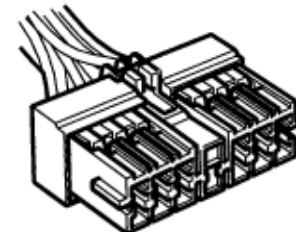
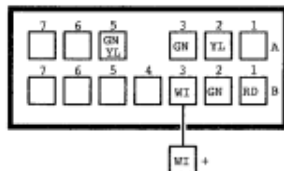
IC21

Front harness
Interconnector
FR-RFL
13 pin
Black



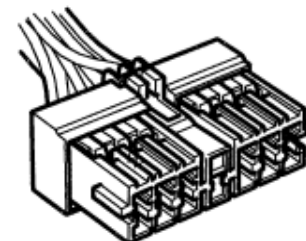
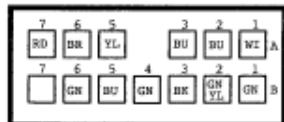
IC21

Roof lamp harness
Interconnector
FR-RFL
13 pin
Black



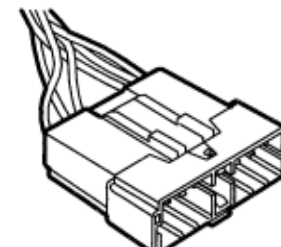
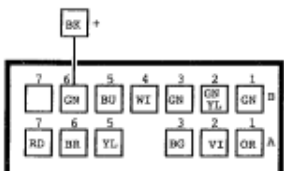
IC22A

Front door harness LH
Interconnector
FR-FR/LH/D
13 pin
Black



IC22A

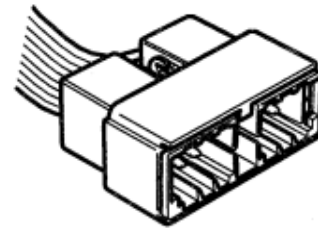
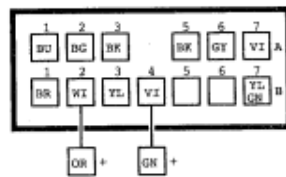
Front harness
Interconnector
FR-FR/LH/D
13 pin
Black



Colour codes

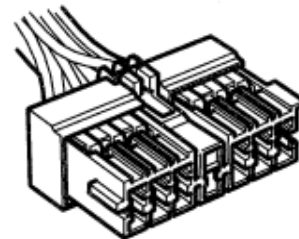
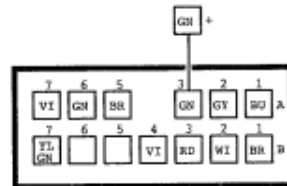
IC23B

Front harness
Interconnector
FR-RR
13 pin
Brown



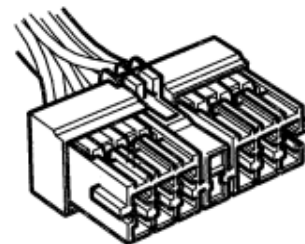
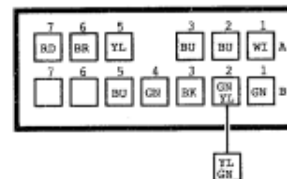
IC23B

Rear harness
Interconnector
FR-RR
13 pin
Brown



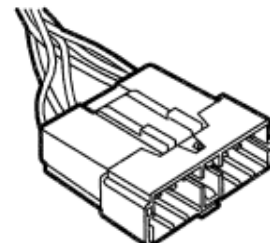
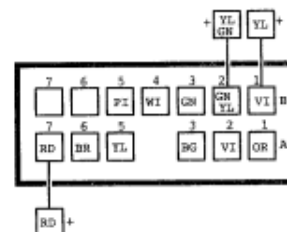
IC24A

Front door harness RH
Interconnector
FR-FR/RH/D
13 pin
Black



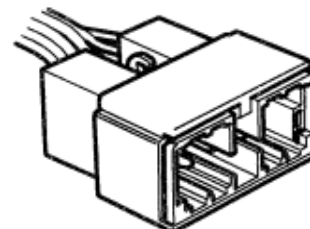
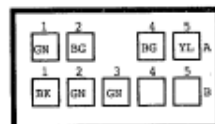
IC24A

Front harness
Interconnector
FR-FR/RH/D
13 pin
Black



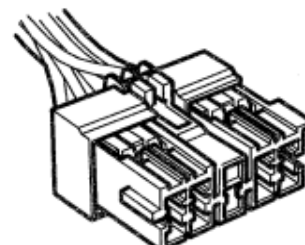
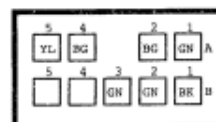
IC32

Rear door harness (LH)
Interconnector
RR-RR/D/L
9 pin
Brown



IC32

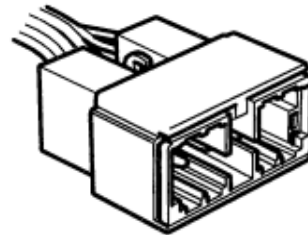
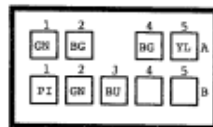
Rear harness
Interconnector
RR-RR/D/L
9 pin
Brown



Colour codes

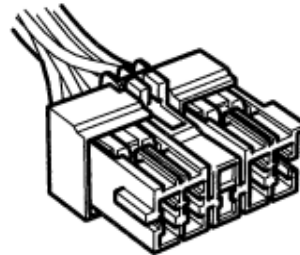
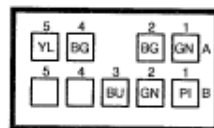
IC33

Rear door harness (RH)
Interconnector
RR-RR/D/R
9 pin
Brown



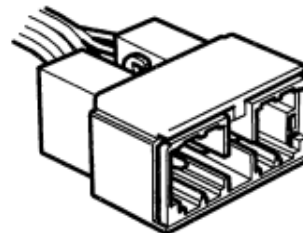
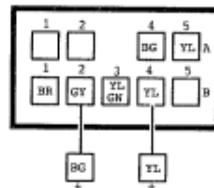
IC33

Rear harness
Interconnector
RR-RR/D/L
9 pin
Brown



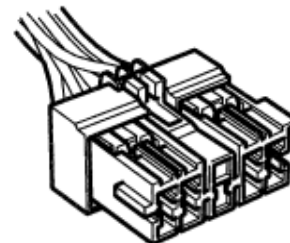
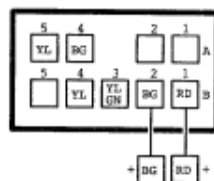
IC60

Rear harness
Interconnector
RR-TL
9 pin
Brown

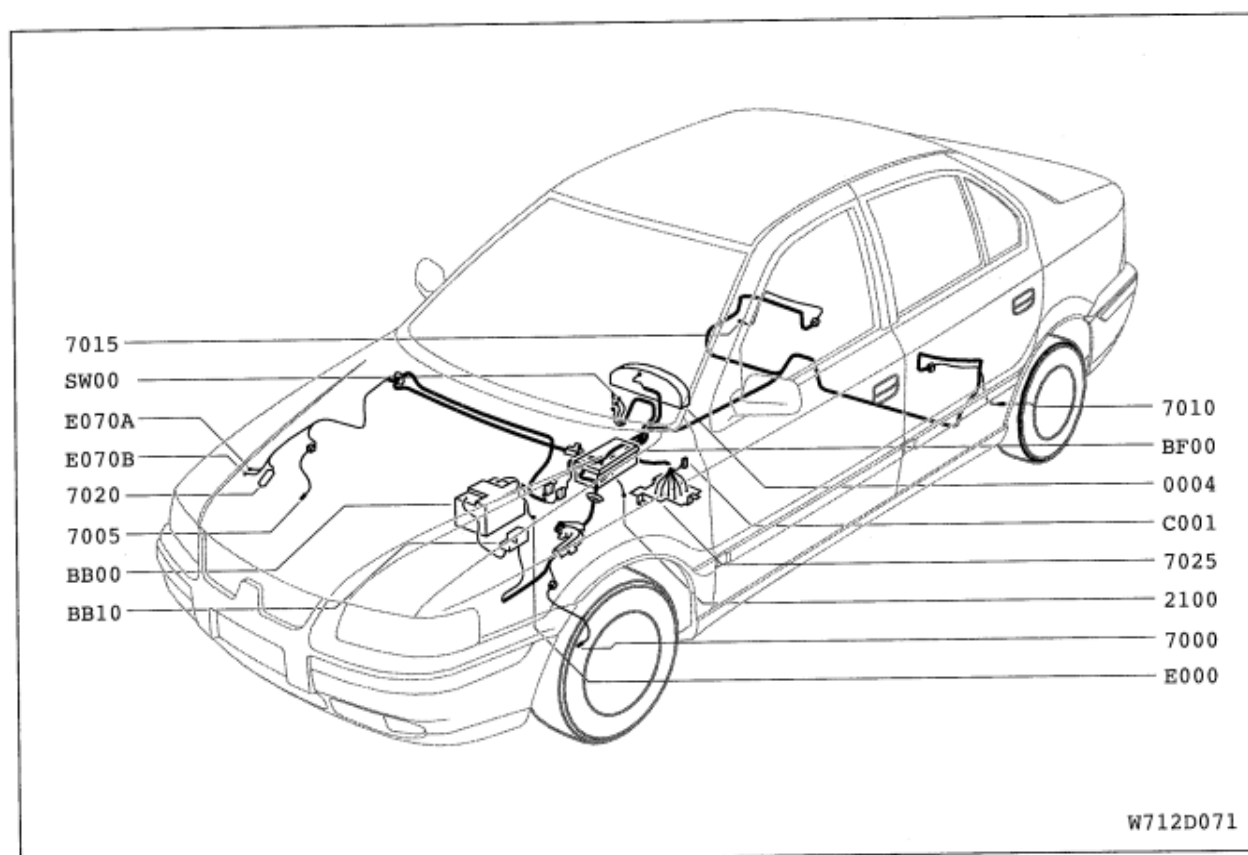


IC60

Trunk lid harness
Interconnector
TL-RR
9 pin
Brown



Anti lock brakes

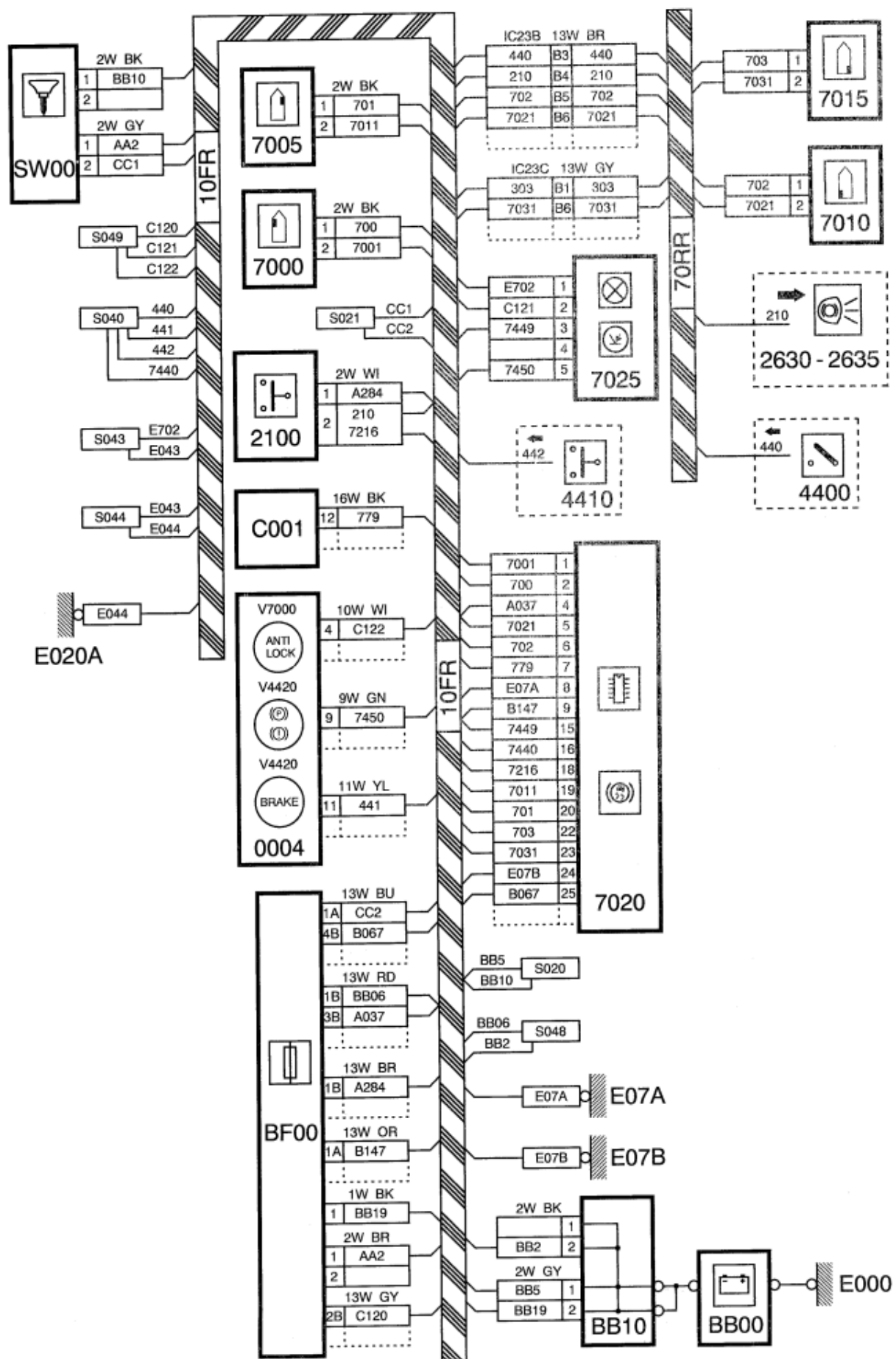


W712D071

Component Number	Component Description	Connectors	Harness
0004	Instrument cluster	0004C,0004D,0004F	Front
2100	Stop lamp switch	2100	Front
2630	Tail lamp (LH)	2630	Rear
2635	Tail lamp (RH)	2635	Rear
4400	Handbrake switch	4400	Rear
4410	Brake fluid level switch	4410	Front
7000	Front -lock brake sensor (LH)	7000	Front
7005	Front anti-lock brake sensor (RH)	7005	Front
7010	Rear anti-lock brake sensor (LH)	7010	Rear
7015	Rear anti-lock brake sensor (RH)	7015	Rear
7025	Warning module	7025	Front
7020	Anti-lock brake control unit	7220	Front
BB00	Battery	--	Front
BB10	Branch of box	BB10A,BB10B	Front
C001	Diagnostic connector	C001	Front
E000	Battery Earth Point	Battery	Front
E070A	Earth Point	Inner fender(RH)	Front
E070B	Earth Point	Inner fender(RH)	Front
Inter connector	Front to rear harness	IC23B,IC23C	Front
SW00	Ignition switch	SU00A,SU00B	Front

W712D155

Circuit

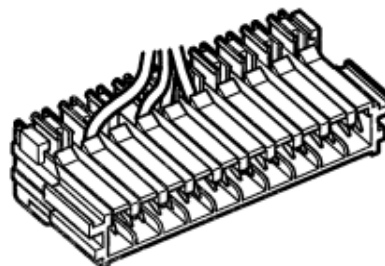
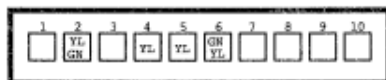


W712D156

Colour codes

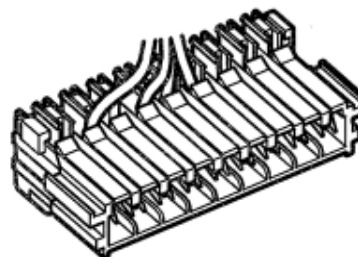
0004C

Front harness
Instrument cluster (0004)
10 pin
White



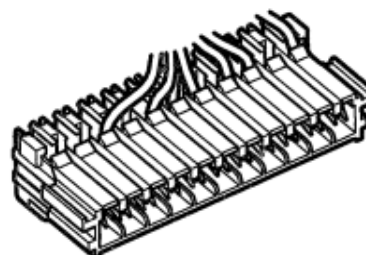
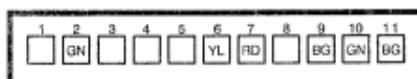
0004D

Front harness
Instrument cluster (0004)
9 pin
Green



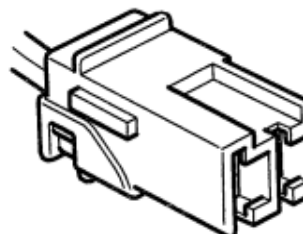
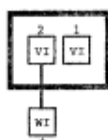
0004F

Front harness
Instrument cluster (0004)
11pin
Yellow



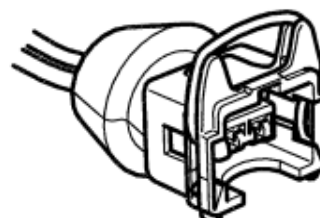
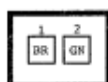
2100

Front harness
Stop lamp switch
2 pin
White



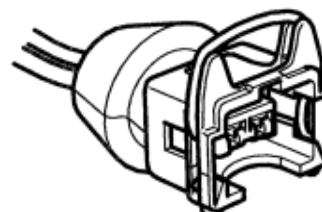
7000

Front harness
Front Wheel Speed sensor (LH)
2 pin
Black



7005

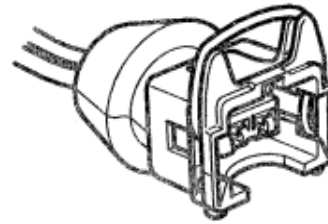
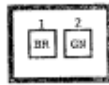
Front harness
Front Wheel Speed sensor (RH)
2 pin
Black



Colour codes

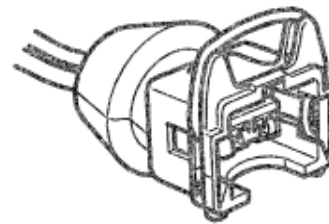
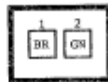
7010

Rear harness
Rear Wheel Speed sensor (LH)
2 pin
Black



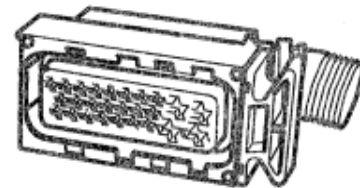
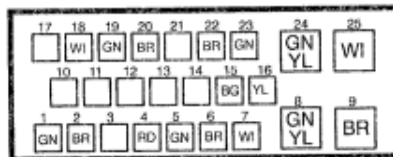
7015

Rear harness
Rear Wheel Speed sensor (RH)
2 pin
Black



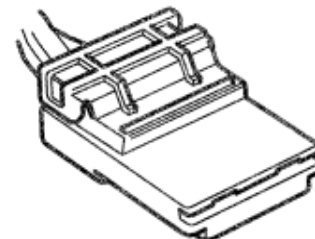
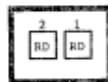
7020

Front harness
Anti lock brake control unit
25 pin
Black



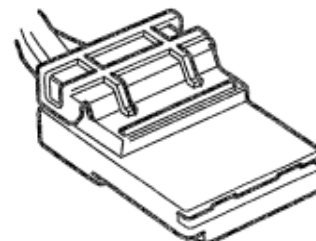
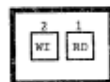
BB10A

Front harness
Branch box (BB10)
2 pin
Black



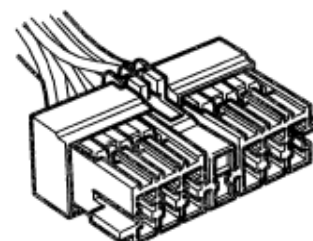
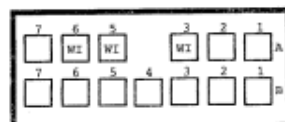
BB10B

Front harness
Branch box (BB10)
2 pin
Black



BF00A

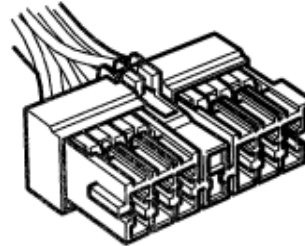
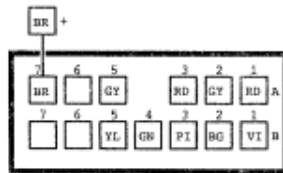
Front Harness
Fuse Box (BF00)
13 pin
Orange



Colour codes

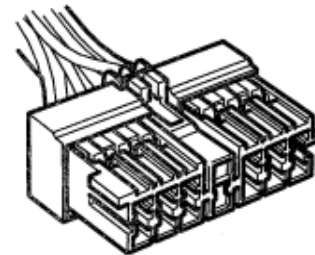
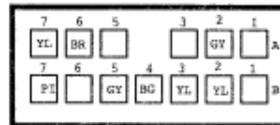
BF00B

Front Harness
Fuse Box (BF00)
13 pin
Brown



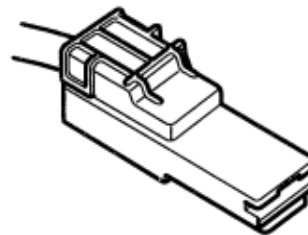
BF00C

Front harness
Fuse box (BF00)
13 pin
Grey



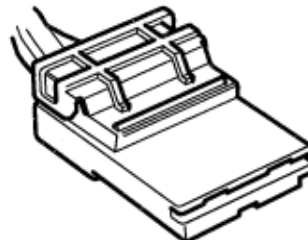
BF00D

Front Harness
Fuse Box (BF00)
1 pin
Black



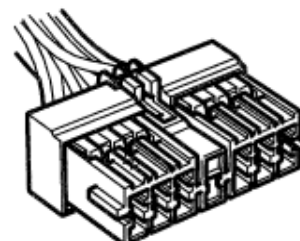
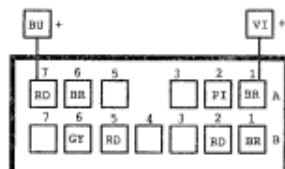
BF00F

Front harness
Fuse box (BF00)
2 pin
Brown



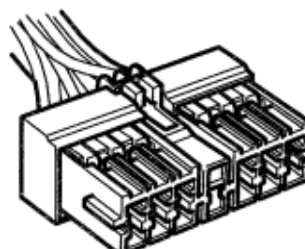
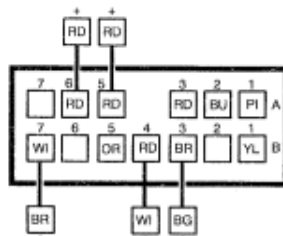
BF00H

Front harness
Fuse box (BF00)
13 pin
Red



BF00J

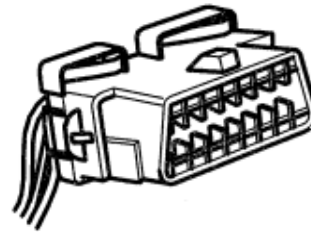
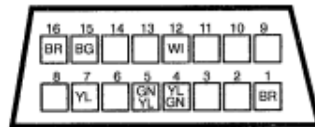
Front harness
Fuse box (BF00)
13 pin
Blue



Colour codes

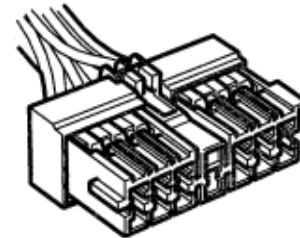
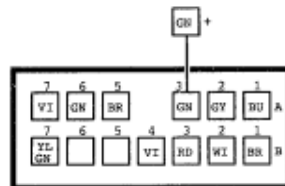
C001

Front harness
Diagnostic connector
16 pin
Black



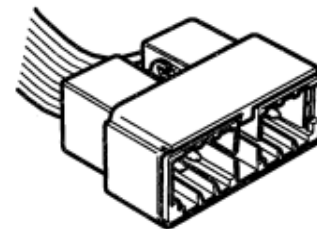
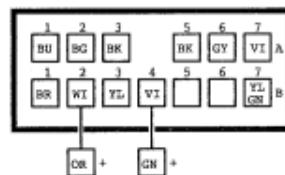
IC23B

Rear harness
Interconnector
FR-RR
13 pin
Brown



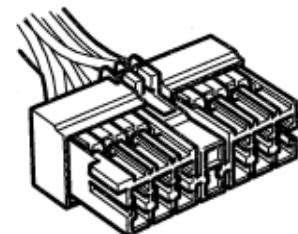
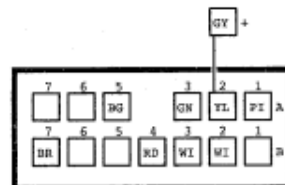
IC23B

Front harness
Interconnector
FR-RR
13 pin
Brown



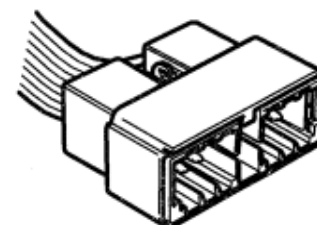
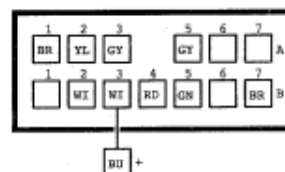
IC23C

Rear harness
Interconnector
FR-RR
13 pin
Grey



IC23C

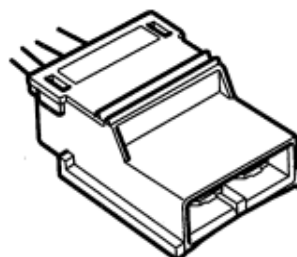
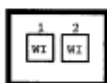
Front harness
Interconnector
FR-RR
13 pin
Grey



Colour codes

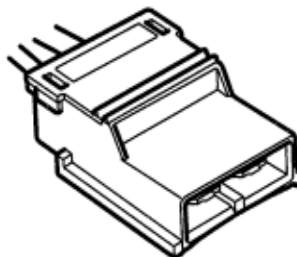
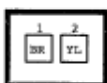
SW00A

Front harness
Ignition switch (SW00)
2 pin
Black

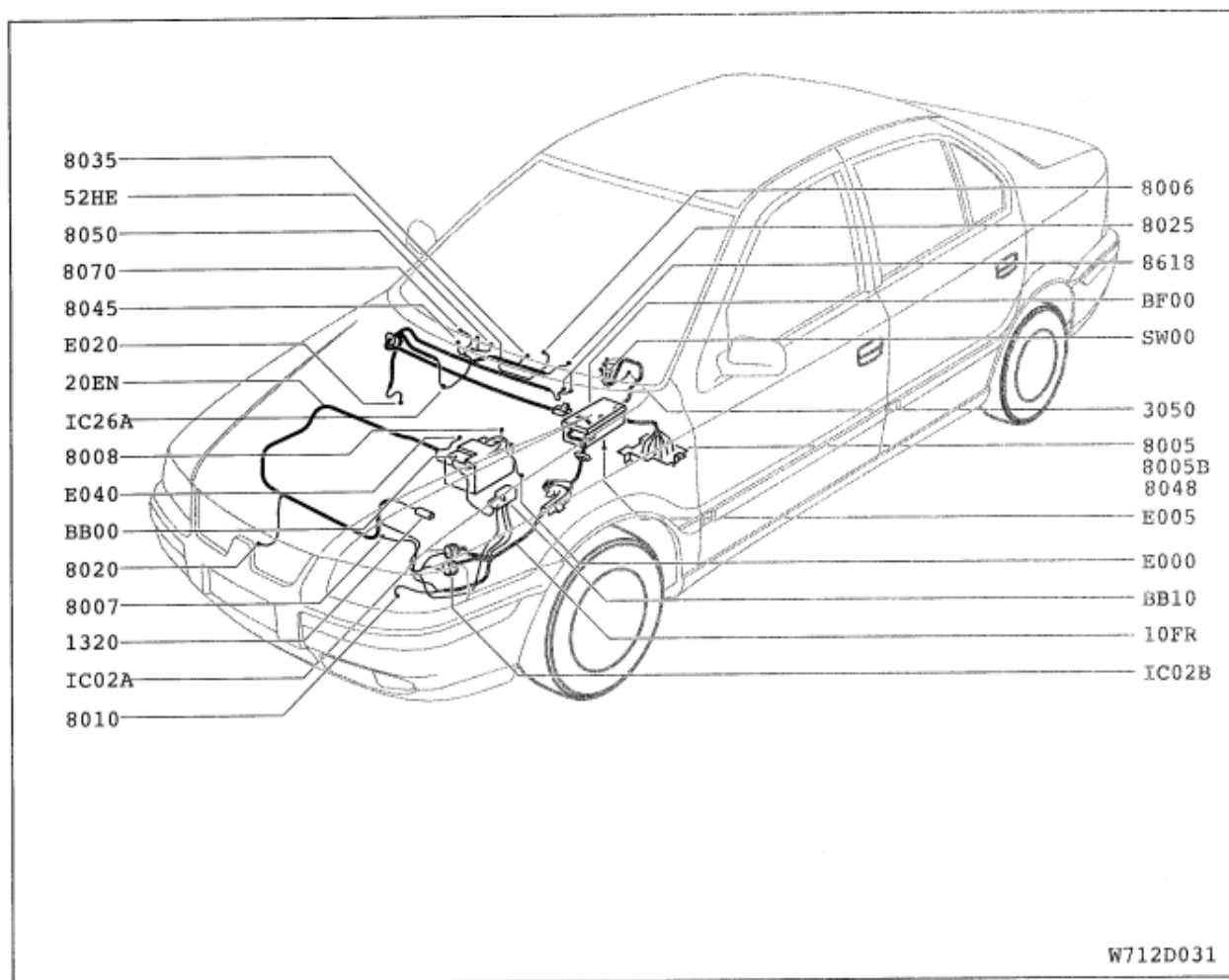


SW00B

Front harness
Ignition switch (SW00)
2 pin
Grey



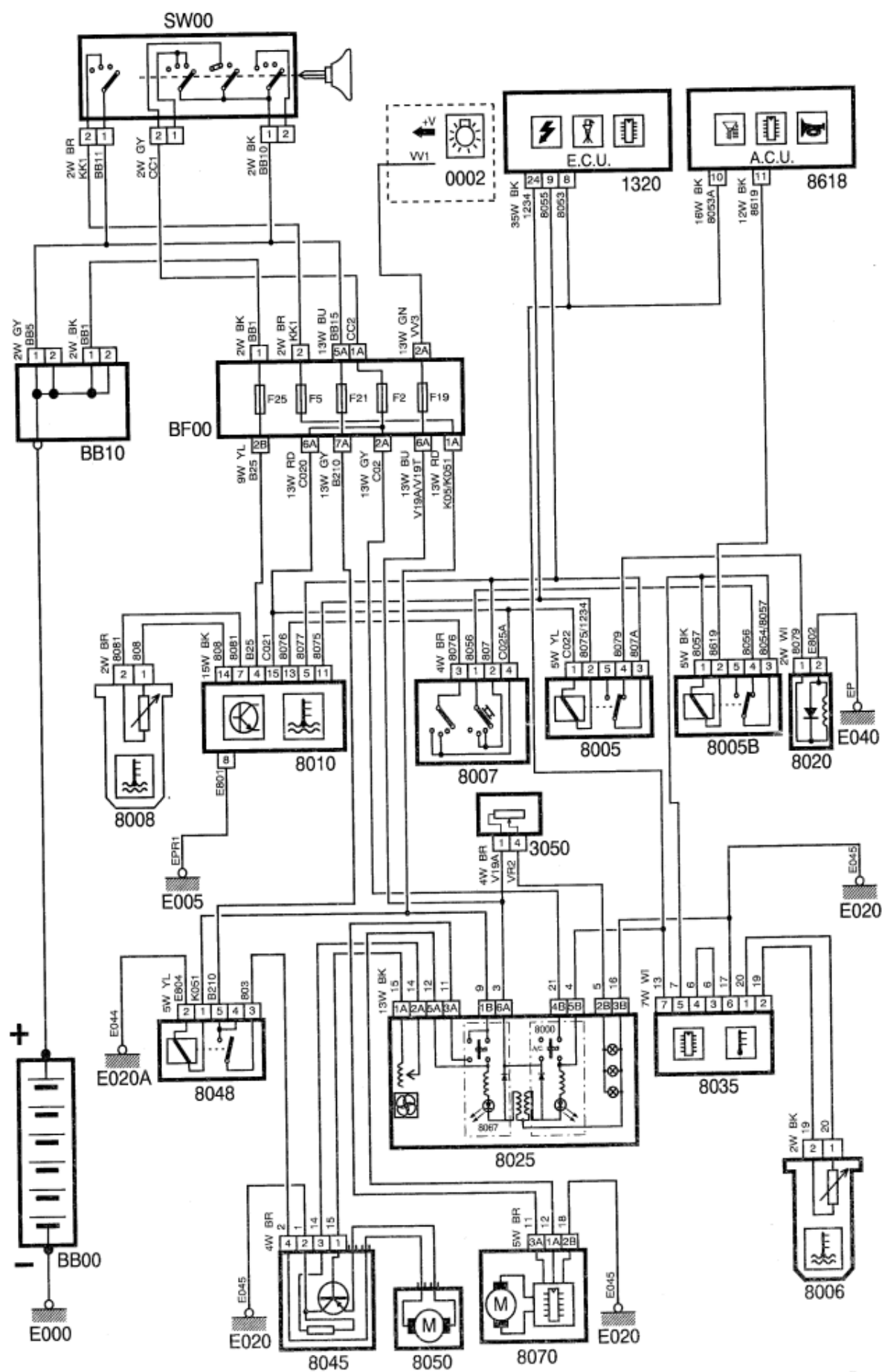
Heating and Ventilation (Air conditioning)



Component Number	Component Description	Connectors	Harness
1320	Ignition injection control unit	1320	Engine
3050	Lighting rhostat	3050	Front
8005	Air conditioning compressor relay	8005	Front
8006	Evaporator thermistor	8006	Heater
8007	Pressostat	8007	Front
8008	Air conditioning engine coolant temperature thermistor	--	Engine
8010	Electrronic box temperature unit	8010	Front
8020	Air conditioning compressor	8020	Engine
8025	Heater panel	8025	Heater
8035	Passenger compartment temperature electronic thermistor	--	Heater
8045	Blower control module	8045	Heater
8048	Blower relay	8048	Front
8050	Heater blower motor	8050	Heater
8070	Air inlet flap reduction motor	8070	Heater
8618	A.C.U.	8618A,8168B	Front
8005B	Cooler relay	8005B	Front
BB00	Battery	--	Front
BB10	Branch box	BB10A,BB10B	Front
BF00	Fuse box (F2,F5,F19,F21,F25)	BF00C,BF00E,BF00F, BF00G,BF00H,BF00I,BF00J	Front

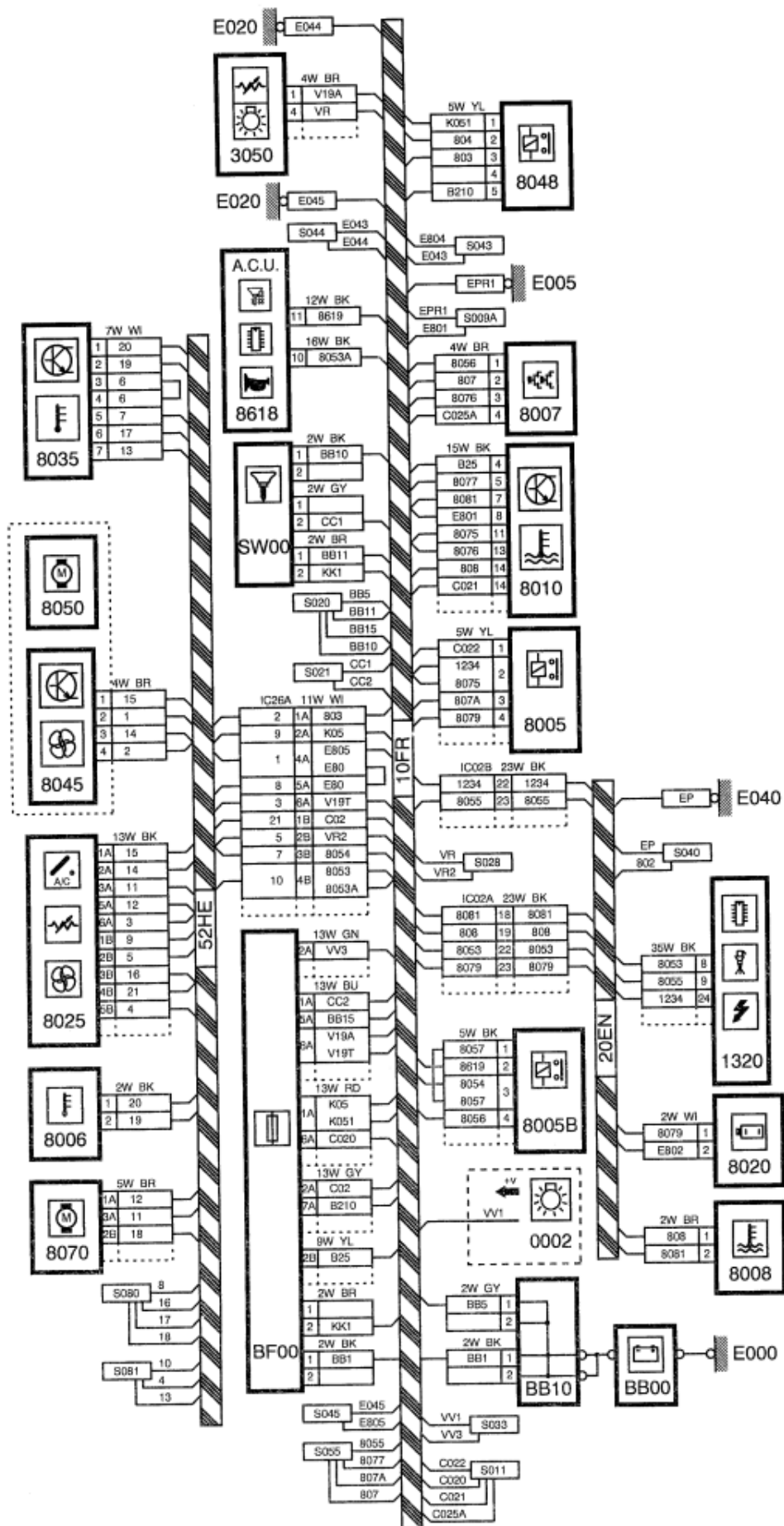
Component Number	Component Description	Connectors	Harness
E000	Battery Earth point	Battery	Front
E005	Earth point	LH side Plenum chamber	Front
E020	Earth point	Bottom RH-A post	Front
E040	Earth point	Engine	Engine
Interconnector	Front to Engine harness	IC02A,IC02B	FR-EN
Interconnector	Front to Heater harness	IC26A	FR-HEATER
SW00	Ignition switch	SW00A,SW00B,SW00C	Front

Schematic



W712D157

Circuit

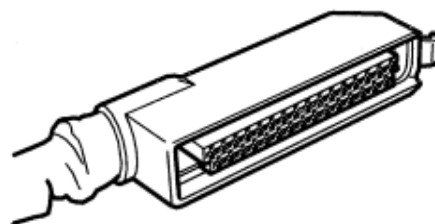
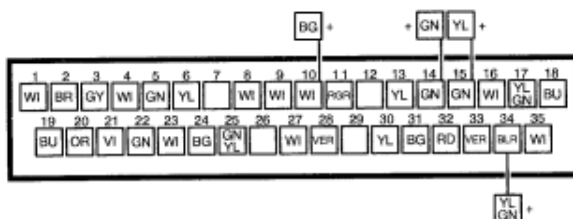


W712D158

Colour codes

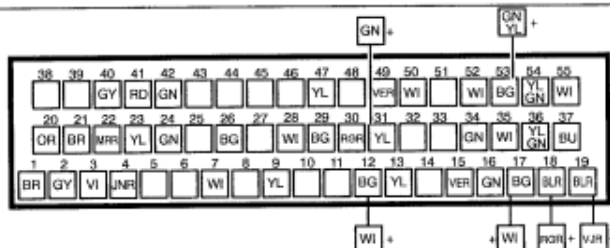
1320 (MM)

Engine harness
Ignition injection
control unit
55 pin
Black



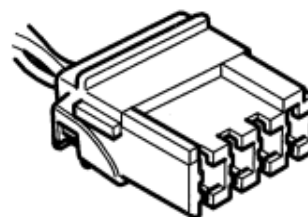
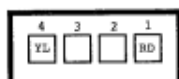
1320 (Sagem)

Engine harness
Ignition injection
control unit
55 pin
Black



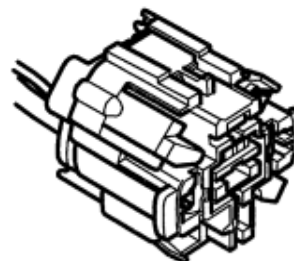
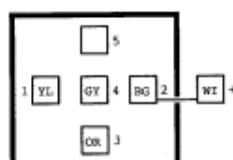
3050

Front harness
Lighting rheostat
4 pin
Brown



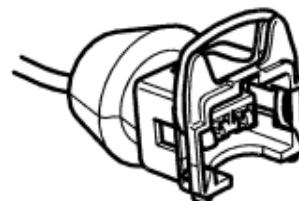
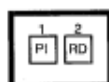
8005

Front harness
Air condition
compressor relay
5 pin
green



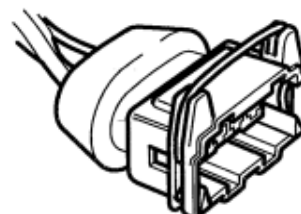
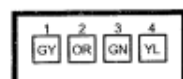
8006

Heater harness
Evaporator thermistor
2 pin
Black



8007

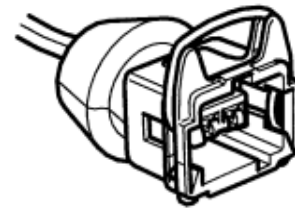
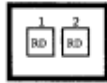
Front harness
Pressostat
4 pin
Brown



Colour codes

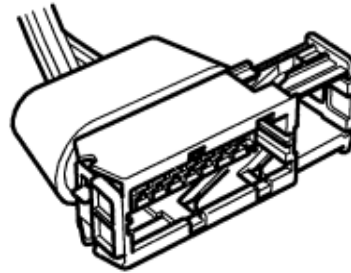
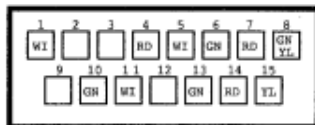
8008

Engine harness
Air conditioning engine
coolant temperature
thermistor
2 pin
Brown



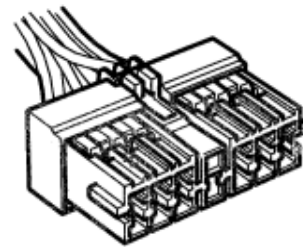
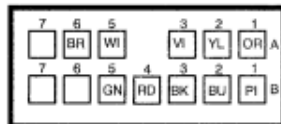
8010

Front harness
Electronic box
Temperature unit
15 pin
Black



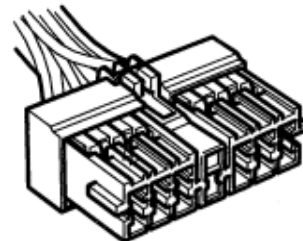
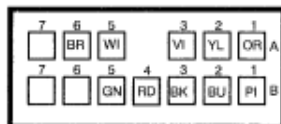
8025

Heater harness
Heater panel
13 pin
Black



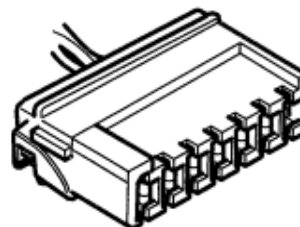
8025

Heater harness
Heater panel
13 pin
Black



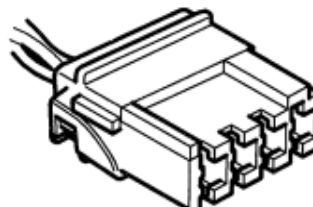
8035

Heater harness
Passenger compartment
temperature electronic thermistor
7pin
White



8045-8050

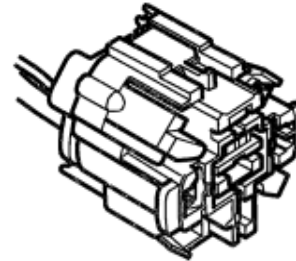
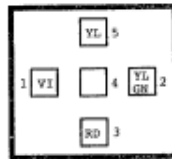
Heater harness
Blower control module
4 pin
Brown



Colour codes

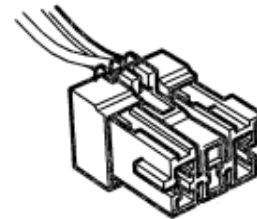
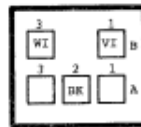
8048

Front harness
Blower relay
5 pin
Yellow



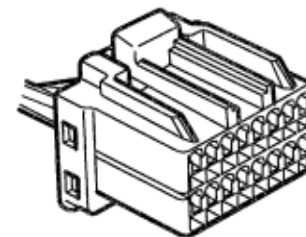
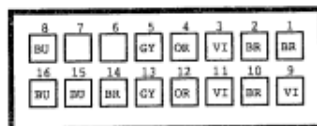
8070

Heater harness
Air inlet flap reduction motor
FR/LH/D-D/S
5 pin
Brown



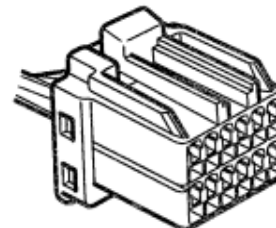
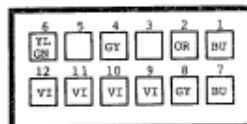
8618A

Front harness
A.C.U. (8168)
16 pin
Black



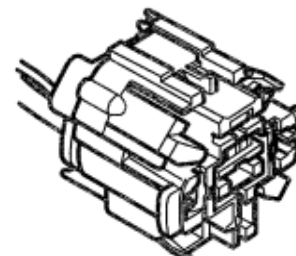
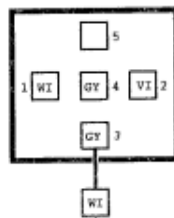
8618B

Front harness
A.C.U. (8618)
12 pin
Black



8005B

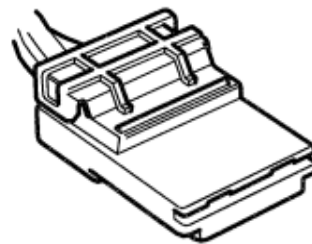
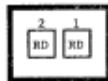
Front harness
Cooler relay
5 pin
Black



Colour codes

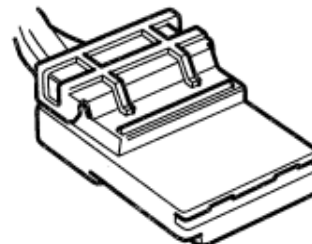
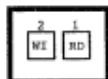
BB10A

Front harness
Branch box (BB10)
2 pin
Black



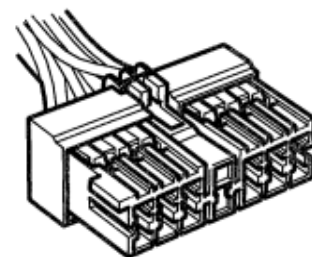
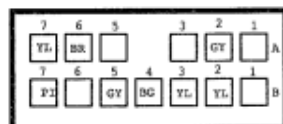
BB10B

Front harness
Branch box (BB10)
2 pin
Black



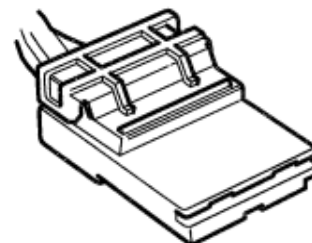
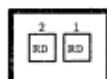
BF00C

Front harness
Fuse box (BF00)
13 pin
Grey



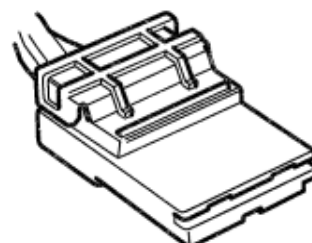
BF00E

Front harness
Fuse box (BF00)
2 pin
Black



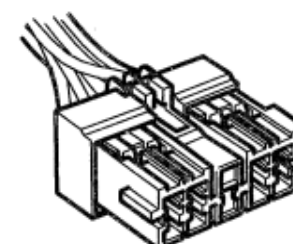
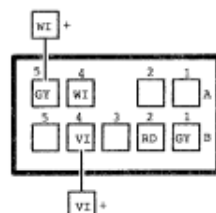
BF00F

Front harness
Fuse box (BF00)
2 pin
Brown



BF00G

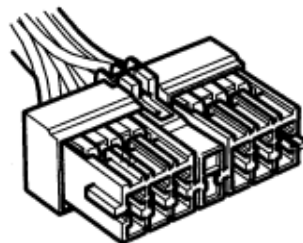
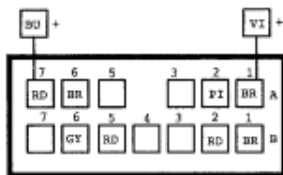
Front harness
Fuse box (BF00)
9 pin
Yellow



Colour codes

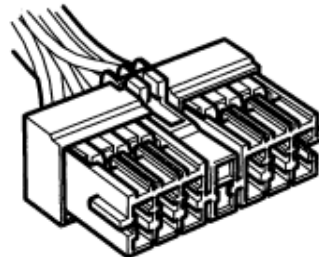
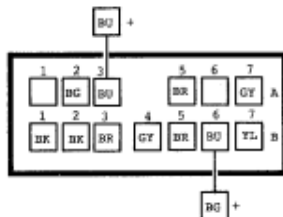
BF00H

Front harness
Fuse box (BF00)
13 pin
Red



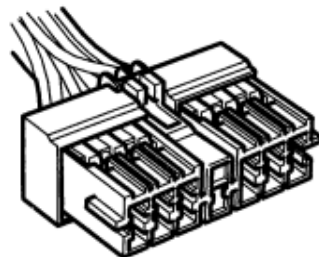
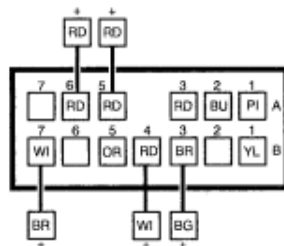
BF00I

Front harness
Fuse box (BF00)
13 pin
Green



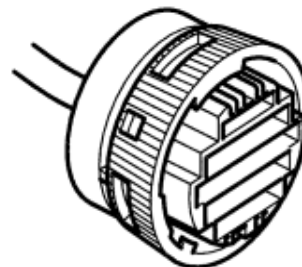
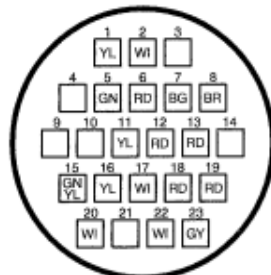
BF00J

Front harness
Fuse box (BF00)
13 pin
Blue



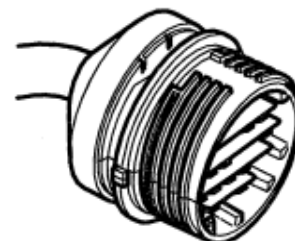
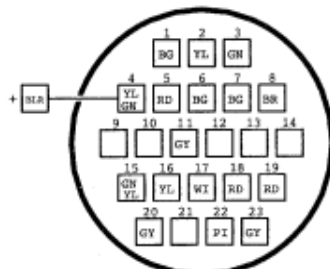
IC02A

Engine harness
Interconnector
FR-EN
23 pin
Black



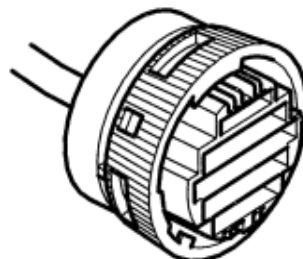
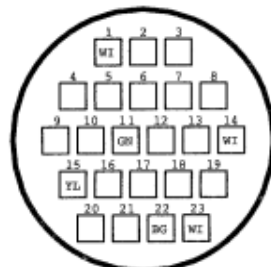
IC02A

Front harness
Interconnector
FR-EN
23 pin
Black



IC02B

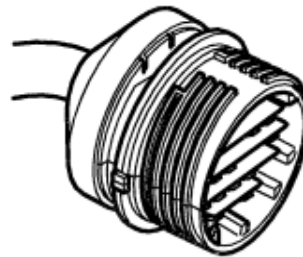
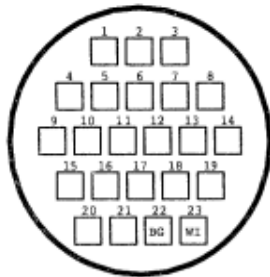
Engine harness
Interconnector
FR-EN
23 pin
Brown



Colour codes

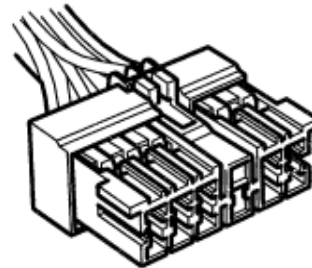
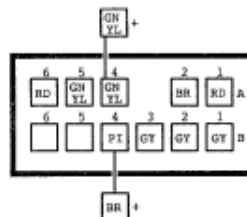
IC02B

Front harness
Interconnector
FR-BN
23 pin
Brown



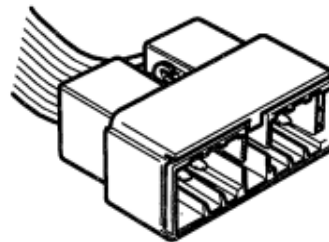
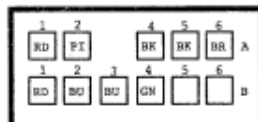
IC26A

Front harness
Interconnector
FR-HE
11 pin
White



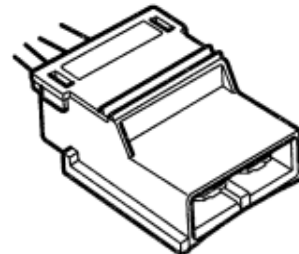
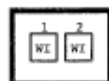
IC26A

Heater harness
Interconnector
FR-HE
11 pin
White



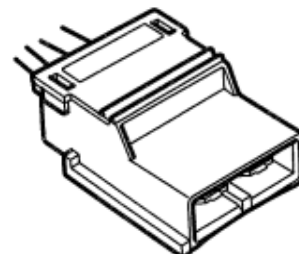
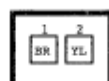
SW00A

Front harness
Ignition switch (SW00)
2 pin
Black



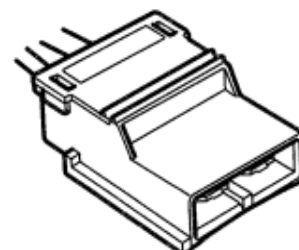
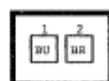
SW00B

Front harness
Ignition switch (SW00)
2 pin
Grey

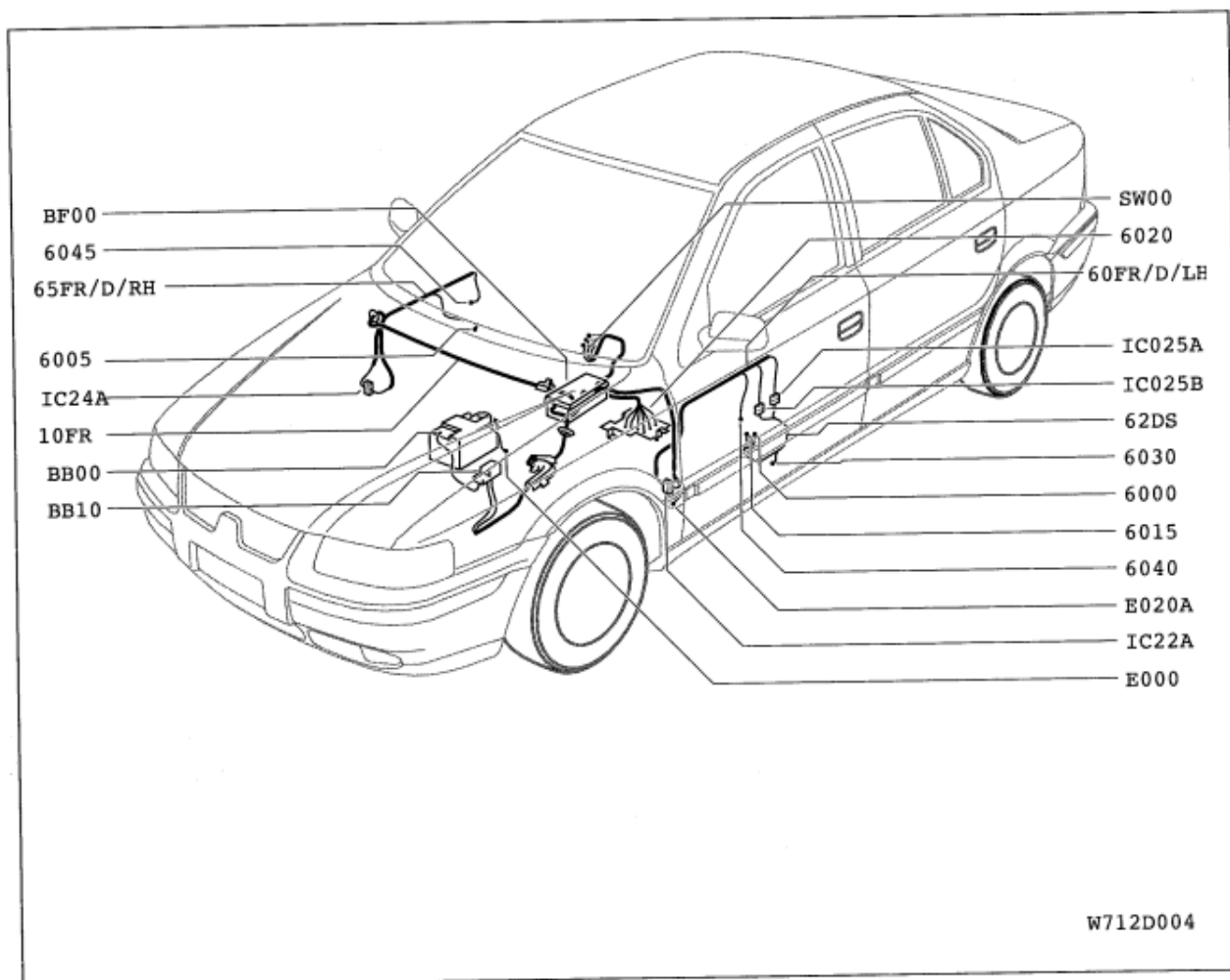


SW00C

Front harness
Ignition switch (SW00)
2 pin
Brown

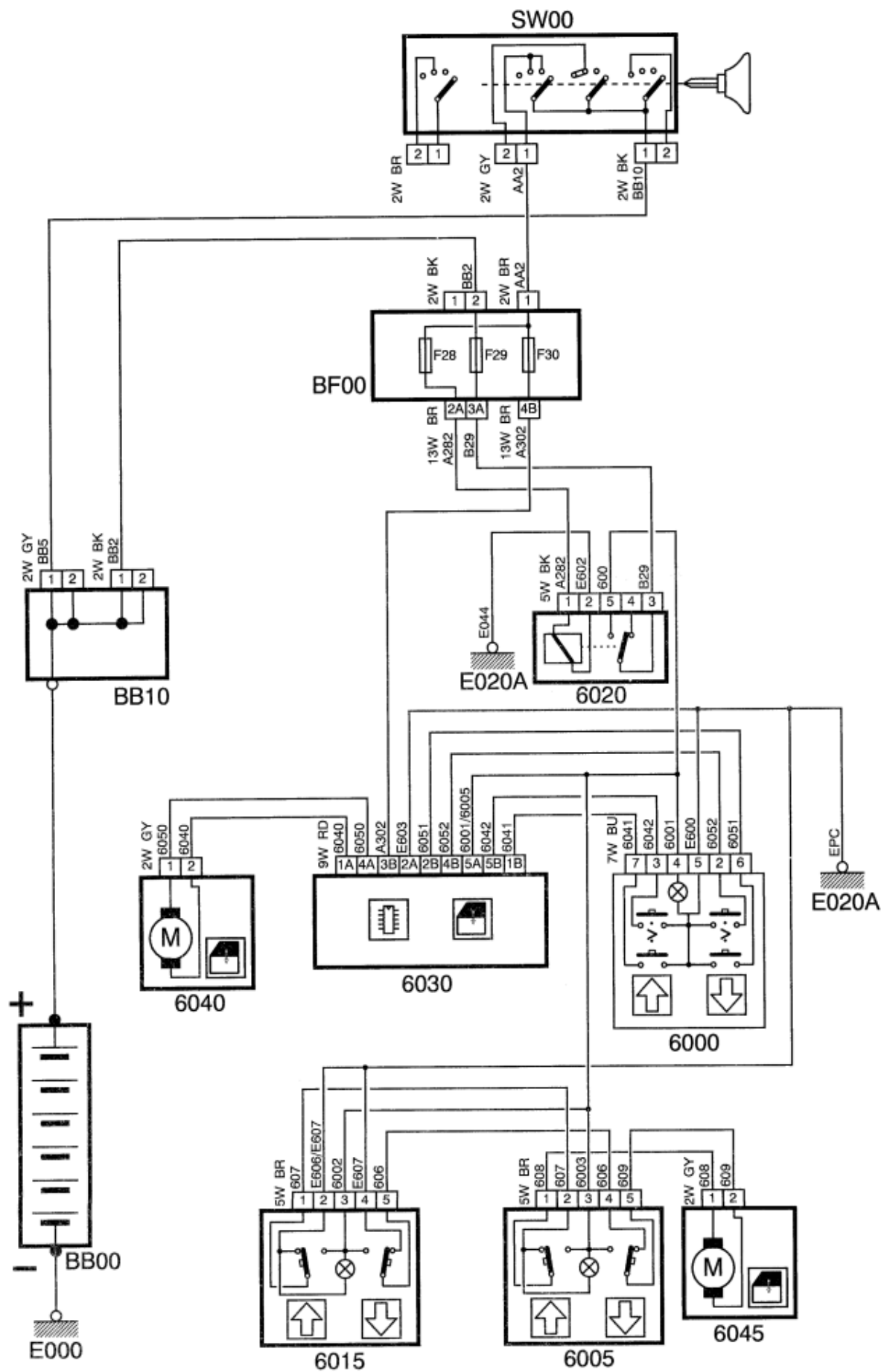


One touch window lift

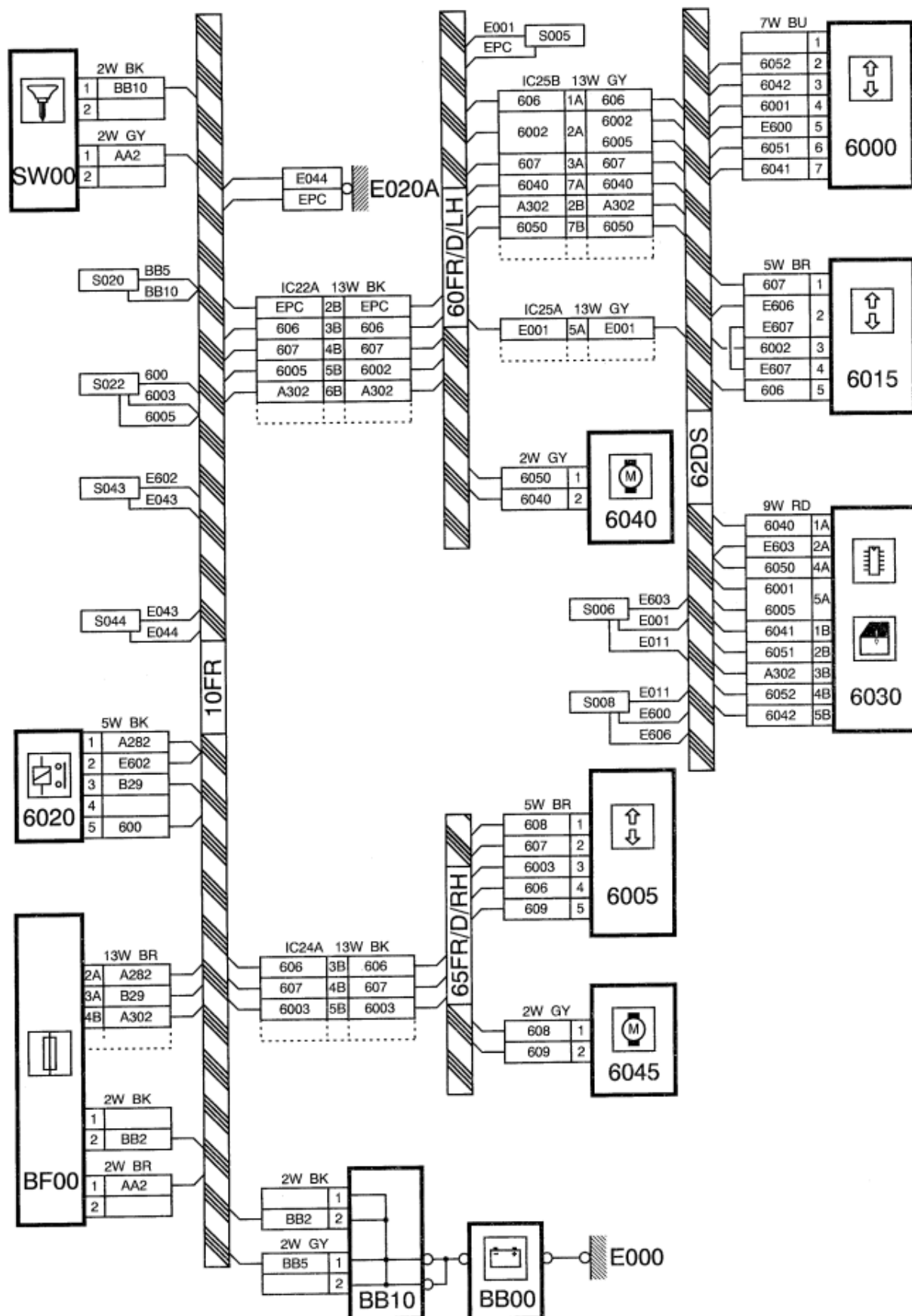


Component Number	Component Description	Connectors	Harness
6000	Left hand door switch for LH window (Auto)	6000	Front Door switch LH
6005	Right hand door switch for RH window	6005	Front Door RH
6015	Left hand door switch for RH window	6015	Front Door switch LH
6020	Front window lift relay	6020	Front
6030	One touch electric window control unit	6030	Front Door switch LH
6040	Window lift motor - Front LH	6040	Front Door LH
6045	Window lift motor - Front RH	6045	Front Door RH
BB00	Battery	--	Front
BB10	Branch box	BB10A,BB10B	Front
BF00	Fuse box (F28,F29,F30)	BF00B,BF00E,BF00F	Front
E000	Battery Earth point	Battery	Front
E020A	Earth point	Bottom LH-A post	Front
Interconnector	Front to Front door harness LH	IC22A	FR-FR/D/LH
Interconnector	Front to Front door harness RH	IC24A	FR-FR/D/RH
Interconnector	Front LH door-Door switch harness	IC25A	FR/LH/D-D/S
Interconnector	Front LH door-Door switch harness	IC25B	FR/LH/D-D/S
SW00	Ignition switch	SW00A,SW00B	Front

Schematic



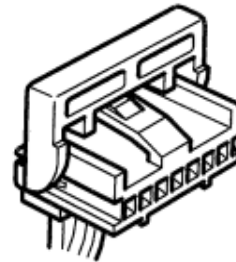
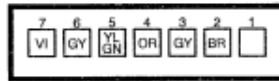
Circuit



Colour codes

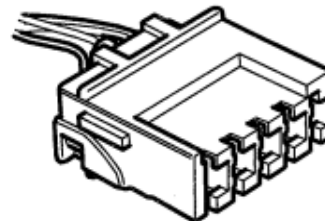
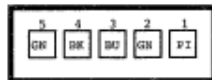
6000

Front Door switch harness (LH)
Auto window
Winder switch
7 pin
Blue



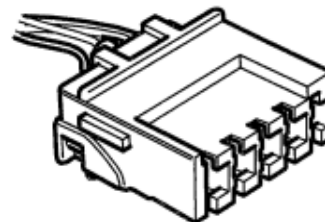
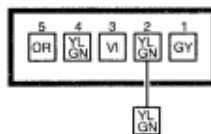
6005

Front door harness (RH)
Window winder switch
5 pin
Brown



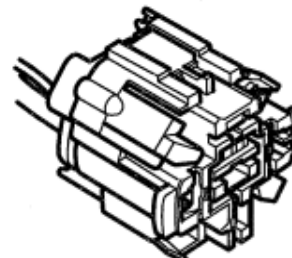
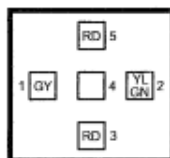
6015

front door switch harness LH
Window winder
switch FRT RH
5 pin
Brown



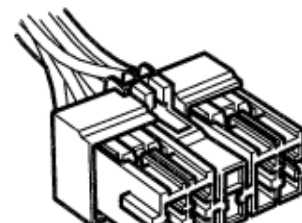
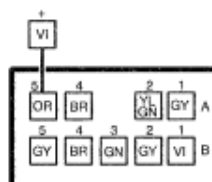
6020

Front harness
Front window lift relay
5 pin
Black



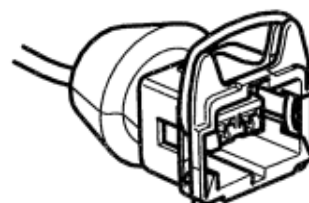
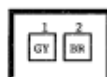
6030

Front door switch harness (LH)
Electronic box
9 pin
Red



6040

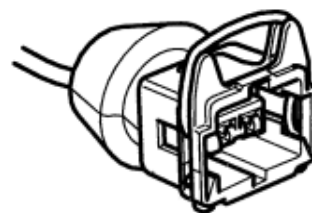
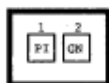
Front door harness (LH)
Window winder motor
2 pin
Grey



Colour codes

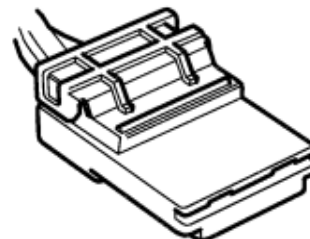
6045

Front door harness (RH)
Window winder motor
2 pin
Grey



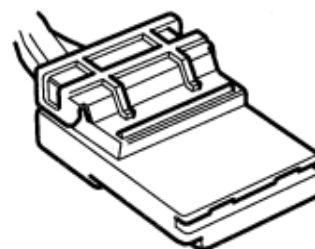
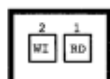
BB10A

Front harness
Branch box (BB10)
2 pin
Black



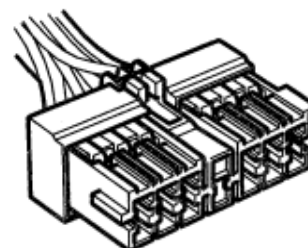
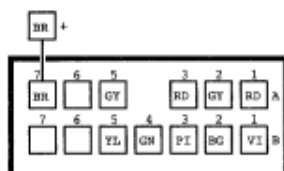
BB10B

Front harness
Branch box (BB10)
2 pin
Black



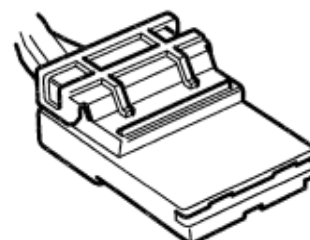
BF00B

Front Harness
Fuse Box (BF00)
13 pin
Brown



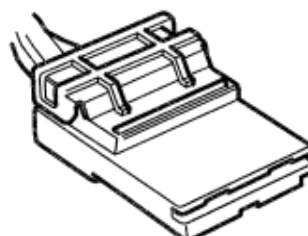
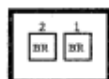
BF00E

Front harness
Fuse box (BF00)
2 pin
Black



BF00F

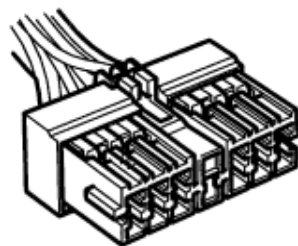
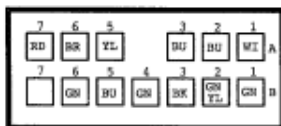
Front harness
Fuse box (BF00)
2 pin
Brown



Colour codes

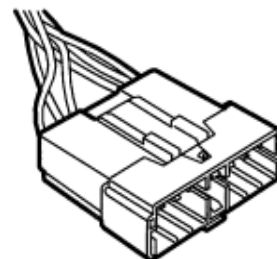
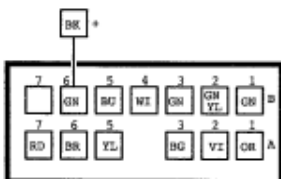
IC22A

Front door harness LH
Interconnector
FR-FR/LH/D
13 pin
Black



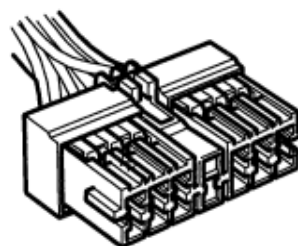
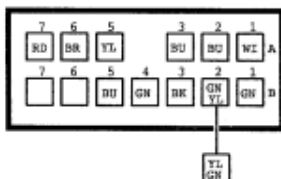
IC22A

Front harness
Interconnector
FR-FR/LH/D
13 pin
Black



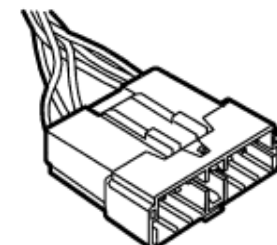
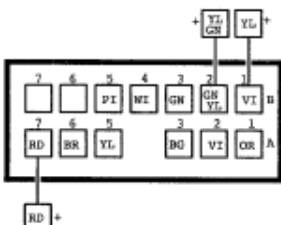
IC24A

Front door harness RH
Interconnector
FR-FR/RH/D
13 pin
Black



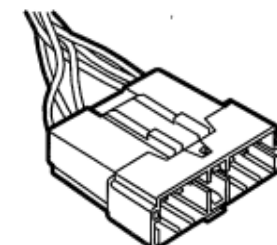
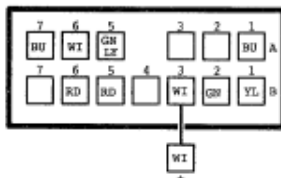
IC24A

Front harness
Interconnector
FR-FR/RH/D
13 pin
Black



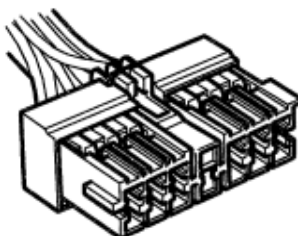
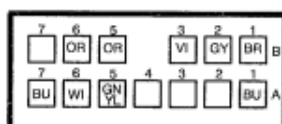
IC25A

Front door harness LH
Interconnector
FR/LH/D-D/S
13 pin
Brown



IC25A

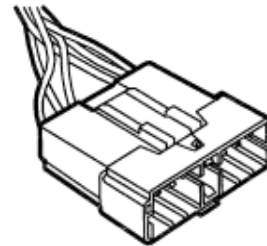
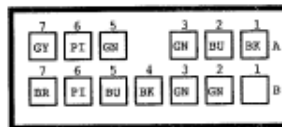
Front Door switch harness LH
Interconnector
FR/LH/D-D/S
13 pin
Brown



Colour codes

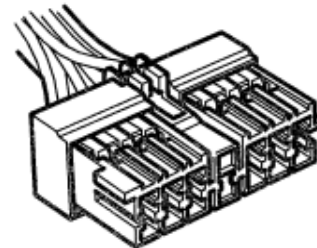
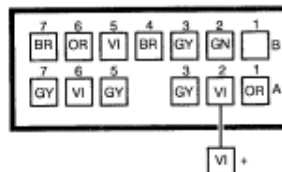
IC25B

Front door harness LH
Interconnector
FR/LH/D-D/S
13 pin
Grey



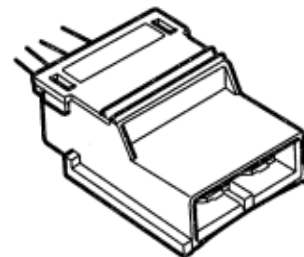
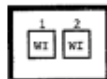
IC25B

Front door switch harness LH
Interconnector
FR/LH/D-D/S
13 pin
Grey



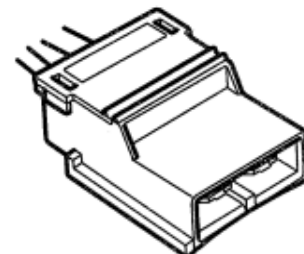
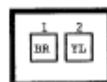
SW00A

Front harness
Ignition switch (SW00)
2 pin
Black

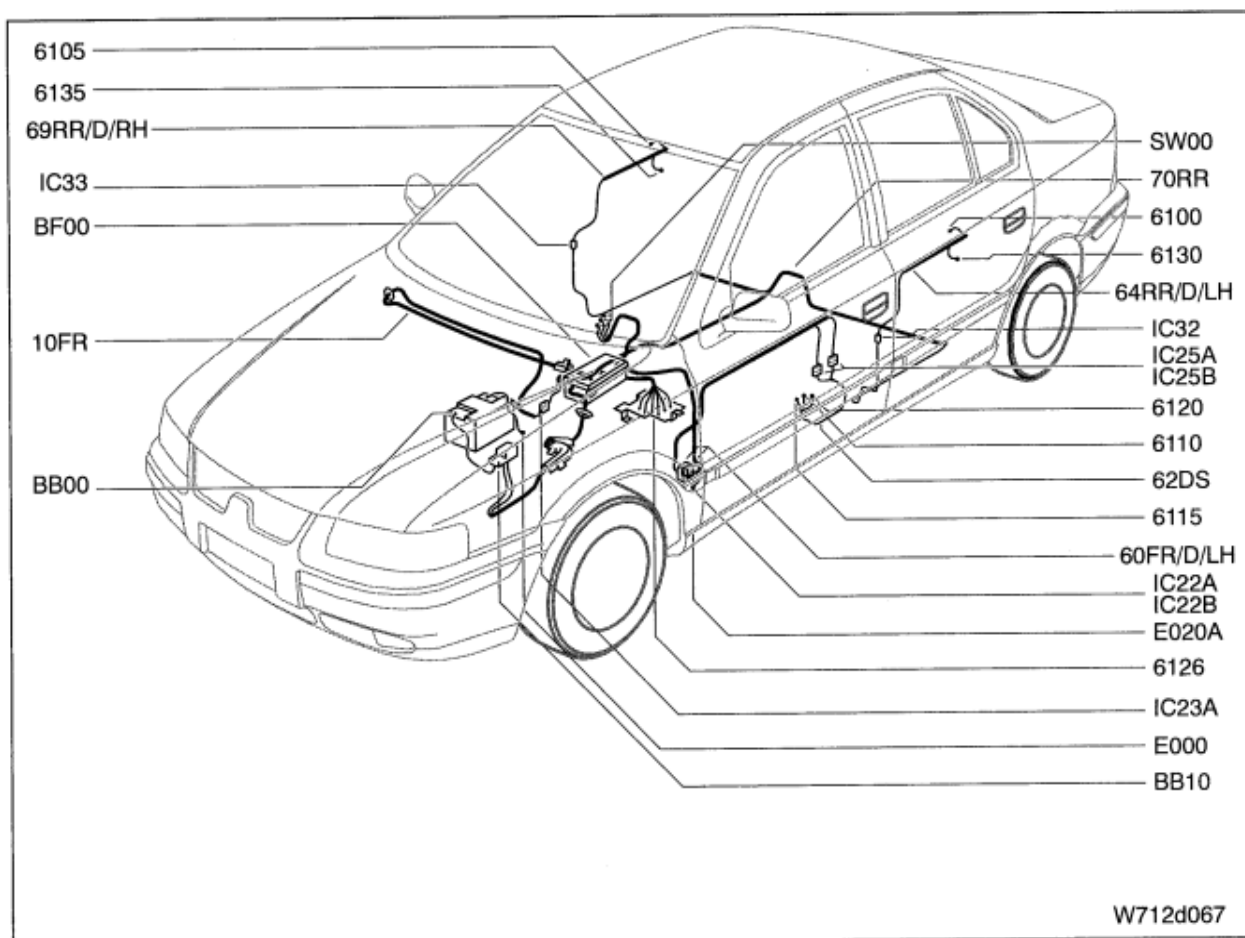


SW00B

Front harness
Ignition switch (SW00)
2 pin
Grey



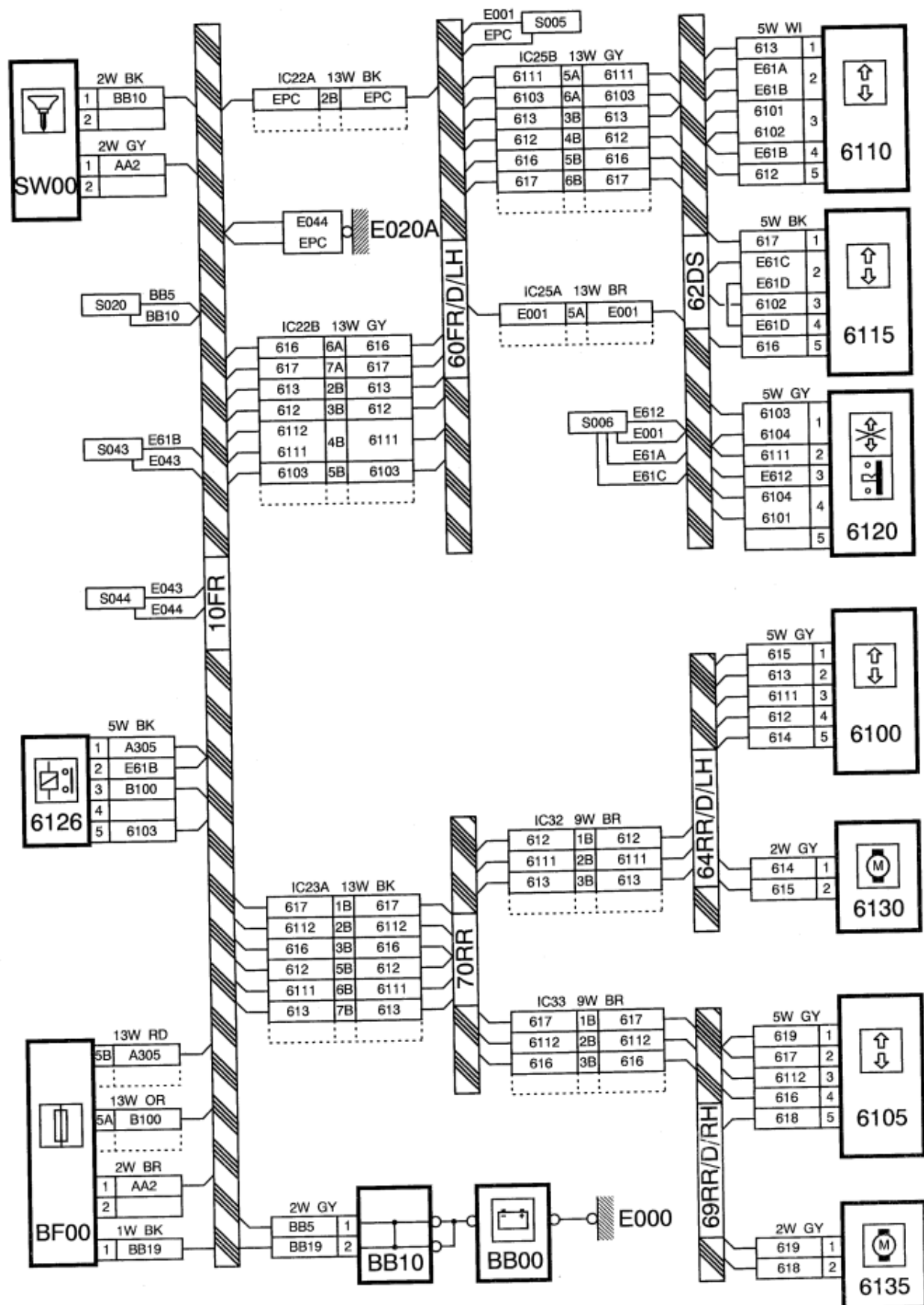
Rear electric windows



Component Number	Component Description	Connectors	Harness
6100	Rear door switch for LH rear window	6100	Rear door (LH)
6105	Rear door switch for RH rear window	6105	Rear door (RH)
6110	front door switch for LH rear window	6110	Door switch
6115	front door switch for RH rear window	6115	Door switch
6120	Isolator switch	6120	Door switch
6126	Rear window lift relay on	6126	Front
6130	Window lift motor-rear LH	6130	Rear door (LH)
6135	Window lift motor-rear RH	6135	Rear door (RH)
BB00	Battery	--	Front
BB10	Branch box	BB10B	Front
BF00	Fuse box (F10,F30)	BF00A,BF00D,BF00F,BF00H	Front
E000	Battery Earth point	--	Front
E020A	Earth point	Bottom LH - A Post	Front
Interconnector	Front to front door harness (LH)	IC22A	FR-FR/D/LH
Interconnector	Front to front door harness (RH)	IC22B	FR-FR/D/LH
Interconnector	Front to rear	IC23A	FR-FR
Interconnector	Front LH door - Door switch harness	IC25A	FR/D/LH/-D/S
Interconnector	Front LH door - Door switch harness	IC25B	FR/D/LH/-D/S
Interconnector	Rear to rear door harness (LH)	IC32	RR-RR/D/L
Interconnector	Rear to rear door harness (RH)	IC33	RR-RR/D/R
SW00	Ignition switch	SW00A,SW00B	Front

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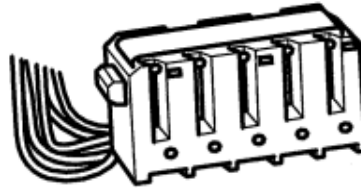
Circuit



Colour codes

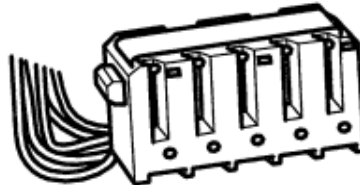
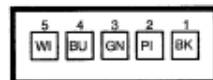
6100

Rear door harness LH
Window winder switch
5 pin
Red



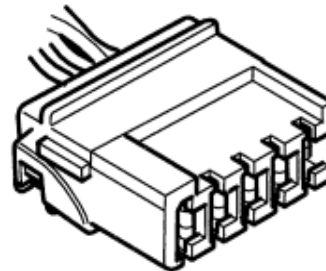
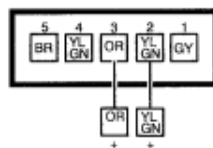
6105

Rear door harness RH
Window winder switch
5 pin
Red



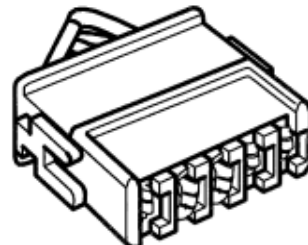
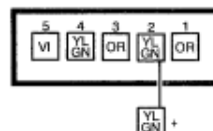
6110

LH door switch harness
Window winder switch
rear LH
5 pin
White



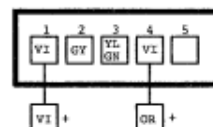
6115

LH door switch harness
Window winder switch
rear RH
5 pin
Black



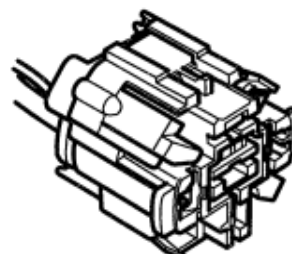
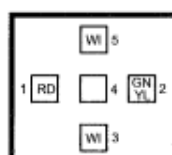
6120

Door switch harness
Isolator switch
5 pin
Greay



6126

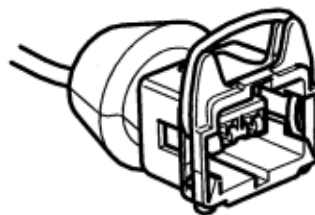
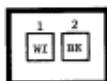
Front harness
Rear window lift relay
5 pin
Black



Colour codes

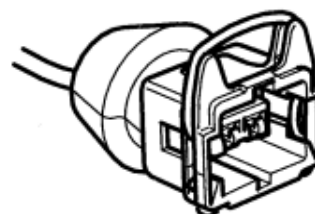
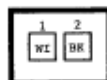
6130

Rear door harness LH
Window winder motor
2 pin
Grey



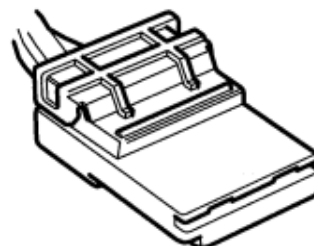
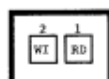
6135

Rear door harness RH
Window winder motor
2 pin
Grey



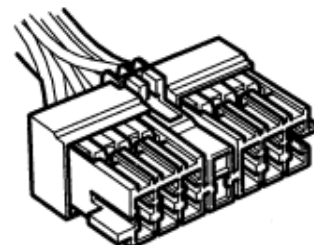
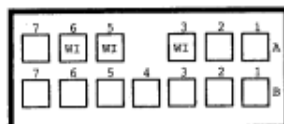
BB10B

Front harness
Branch box (BB10)
2 pin
Black



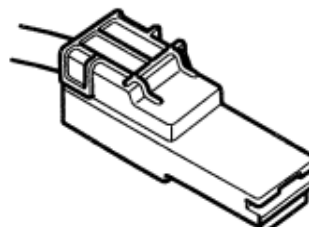
BF00A

Front Harness
Fuse Box (BF00)
13 pin
Orange



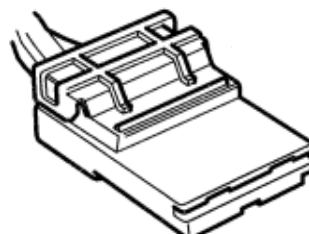
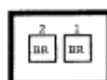
BF00D

Front Harness
Fuse Box (BF00)
1 pin
Black



BF00F

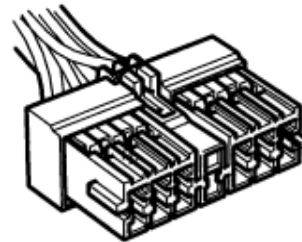
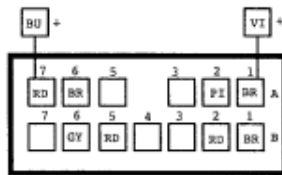
Front harness
Fuse box (BF00)
2 pin
Brown



Colour codes

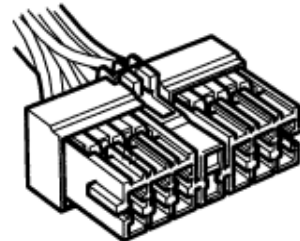
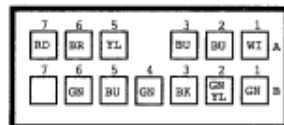
BF00H

Front harness
Fuse box (BF00)
13 pin
Red



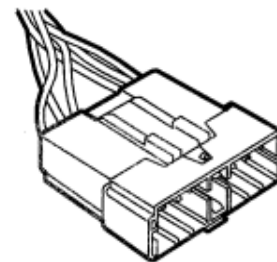
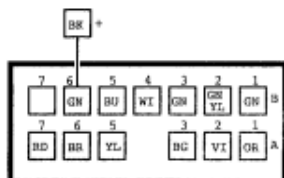
IC22A

Front door harness LH
Interconnector
FR-FR/LH/D
13 pin
Black



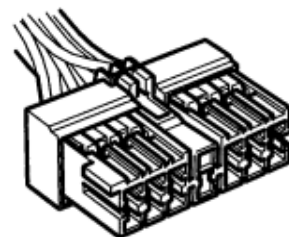
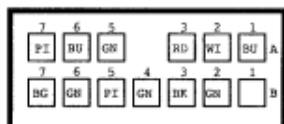
IC22A

Front harness
Interconnector
FR-FR/LH/D
13 pin
Black



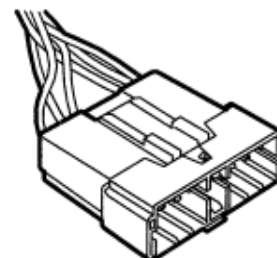
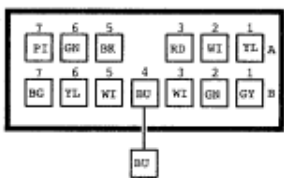
IC22B

Front door harness LH
Interconnector
FR-FR/LH/D
13 pin
Grey



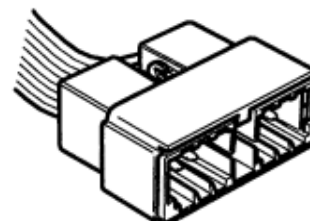
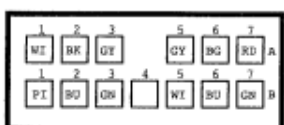
IC22B

Front harness
Interconnector
FR-FR/LH/D
13 pin
Grey



IC23A

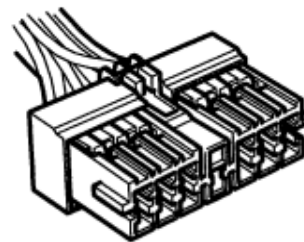
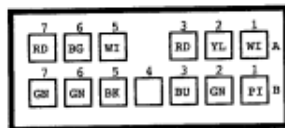
Front harness
Interconnector
FR-RR
13 pin
Black



Colour codes

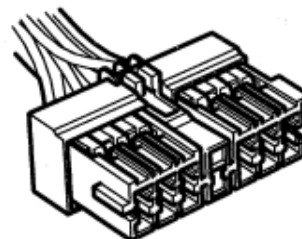
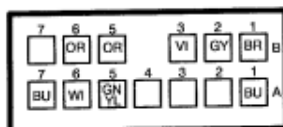
IC23A

Rear harness
Interconnector
FR-RR
13 pin
Black



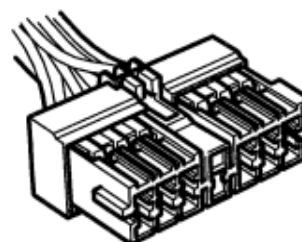
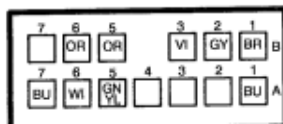
IC25A

Front Door switch harness LH
Interconnector
FR/LH/D-D/S
13 pin
Brown



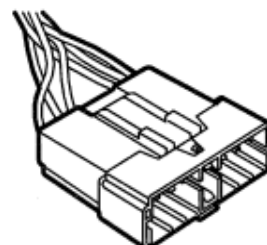
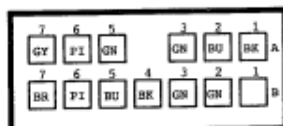
IC25A

Front Door switch harness LH
Interconnector
FR/LH/D-D/S
13 pin
Brown



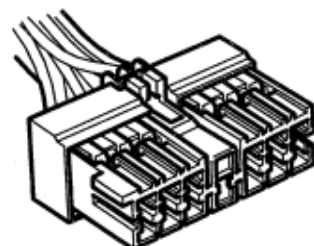
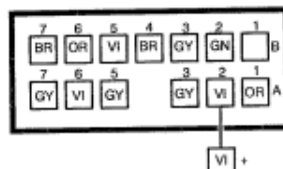
IC25B

Front door harness LH
Interconnector
FR/LH/D-D/S
13 pin
Grey



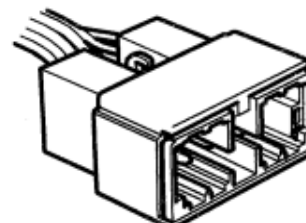
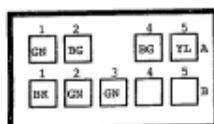
IC25B

Front door switch harness LH
Interconnector
FR/LH/D-D/S
13 pin
Grey



IC32

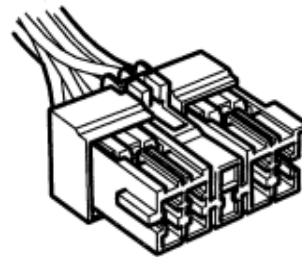
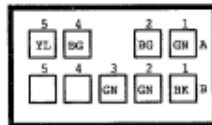
Rear door harness (LH)
Interconnector
RR-RR/D/L
9 pin
Brown



Colour codes

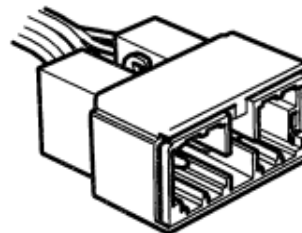
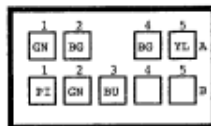
IC32

Rear harness
Interconnector
RR-RR/D/L
9 pin
Brown



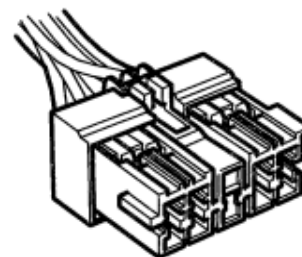
IC33

Rear door harness (RH)
Interconnector
RR-RR/D/R
9 pin
Brown



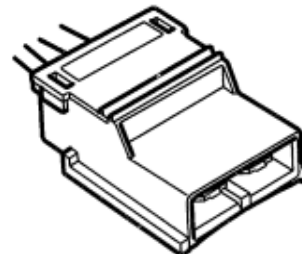
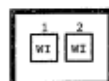
IC33

Rear harness
Interconnector
RR-RR/D/L
9 pin
Brown



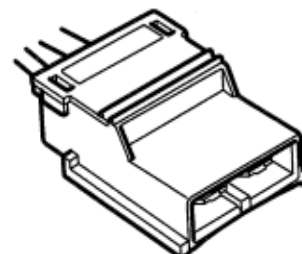
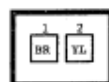
SW00A

Front harness
Ignition switch (SW00)
2 pin
Black

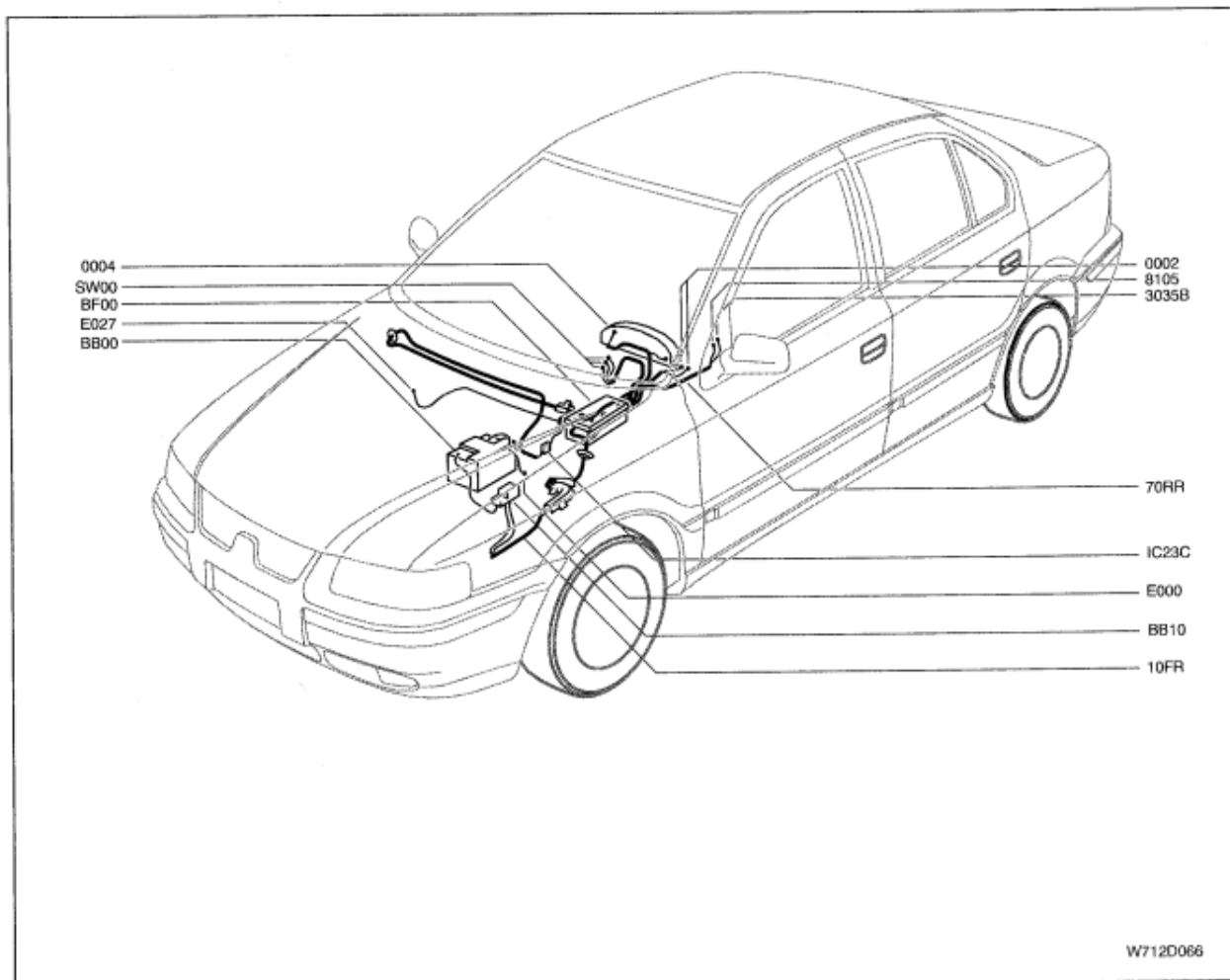


SW00B

Front harness
Ignition switch (SW00)
2 pin
Grey

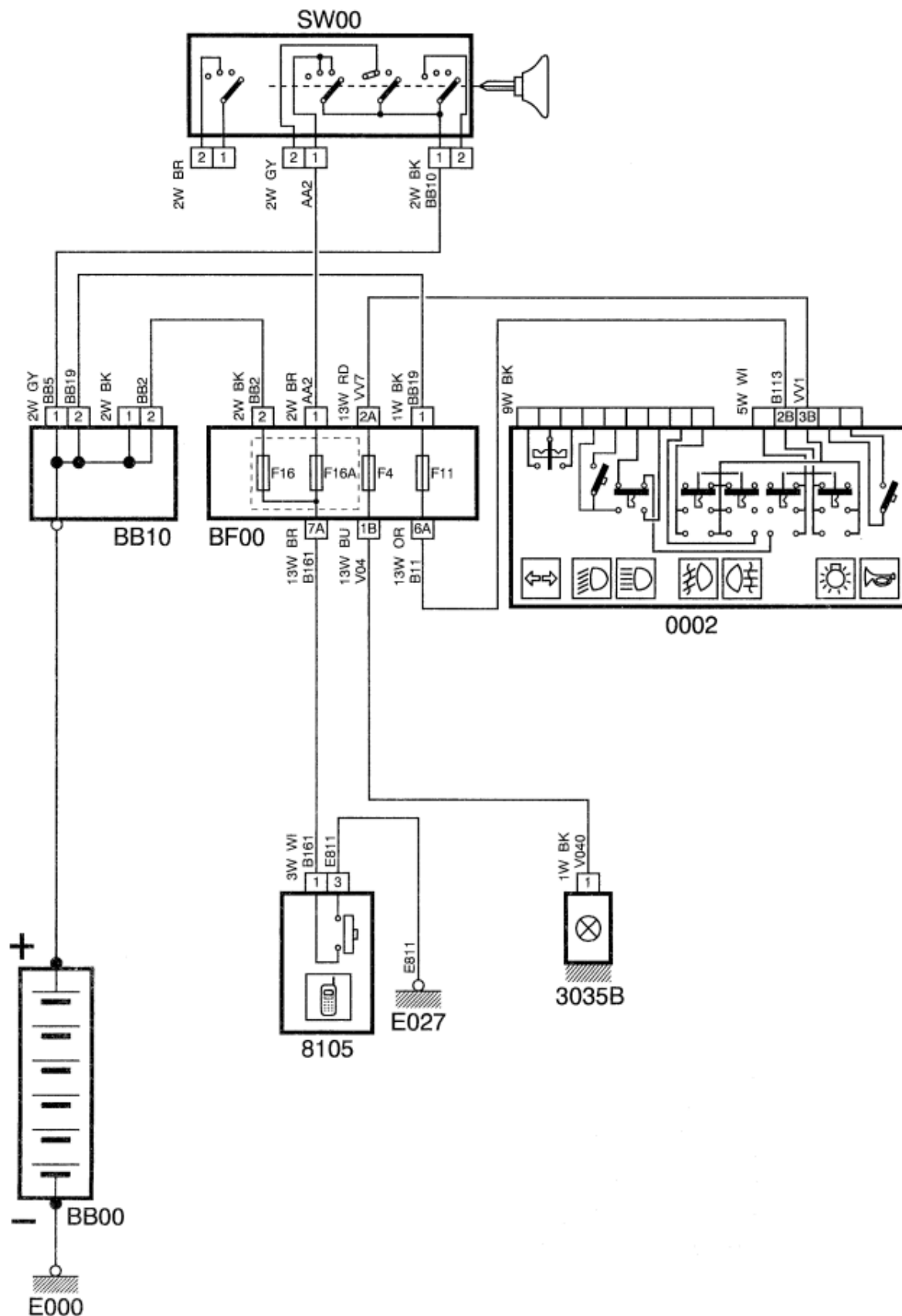


Mobile Charger



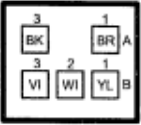
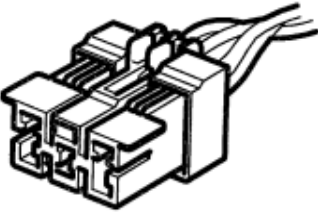
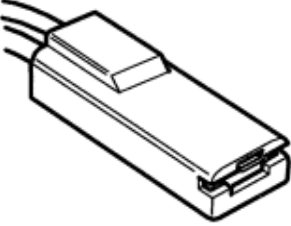
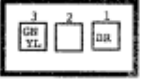
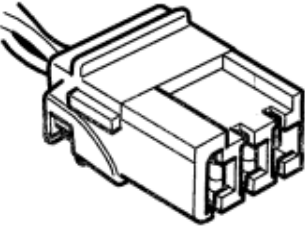
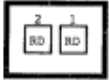
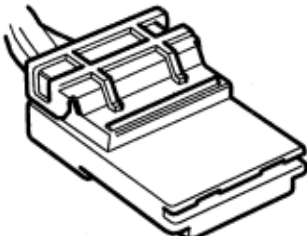
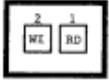
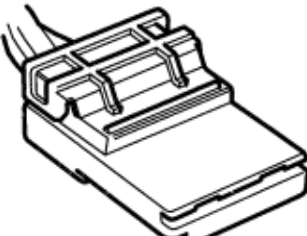
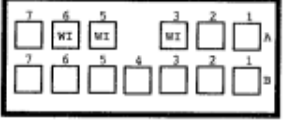
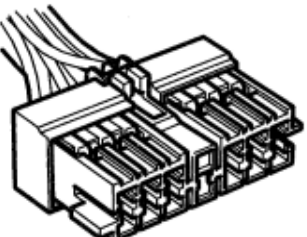
Component Number	Component Description	Connectors	Harness
0002	Light switch	26000A	Front
3035B	Rear cigar lighter lamp	3035B	Rear
8105	Rear cigar lighter	8105	Rear
BB00	Battery	--	Front
BB10	Branch box	BB10A, BB10B	Front
BF00	Fuse box (F4, F11, F16, F16A)	BF00A, BF00B, BF00D, BF00E, BF00F, BF00H, BF00J,	Front
E000	Battery Earth point	Battery	Front
E027	Earth point	Panel A pillar lower LH	Rear
Interconnector	front to rear harness	IC23C	FR-RR
SW00	Ignition switch	SW00A, SW00B	Front

Schematic



The diagram illustrates a complex electrical wiring system for a building. A central vertical bus, labeled with '10FR' and '70RR' sections, serves as the main distribution point. Various electrical components are connected to this bus through individual wiring paths. On the left side, there are several switch and outlet units: SW00 (a switch with a light fixture icon), S020 (a switch with a light fixture icon), S027 (a switch with a light fixture icon), S033 (a switch with a light fixture icon), and BF00 (a switch with a light fixture icon). On the right side, there are several outlet and switch units: 3035B (a switch with a light fixture icon), 8105 (a switch with a light fixture icon), and BB00 (a switch with a light fixture icon). The diagram also shows various lighting fixtures and their ratings, such as 2W BK, 13W GY, 3W WI, 13W BU, 2W BR, 13W RD, 13W BR, and 13W OR. The components are connected to the bus through individual wiring paths, and the diagram includes labels for the components and their ratings.

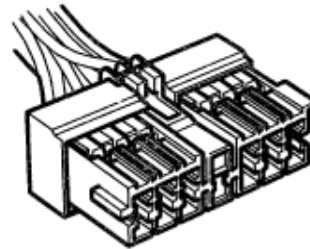
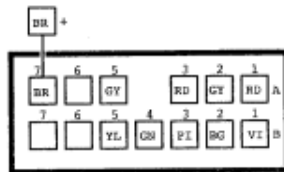
Colour codes

2600A Front harness Light switch 5 pin White 	
3035B Rear harness Rear Cigar lighter lamp 1 pin Black 	
8105 Rear harness Rear cigar lighter 3 pin White 	
BB10A Front harness Branch box (BB10) 2 pin Black 	
BB10B Front harness Branch box (BB10) 2 pin Black 	
BF00A Front Harness Fuse Box (BF00) 13 pin Orange 	

Colour codes

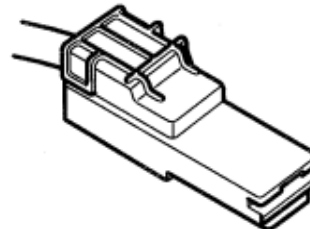
BF00B

Front Harness
Fuse Box (BF00)
13 pin
Brown



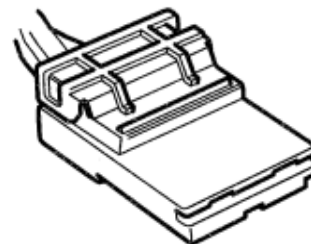
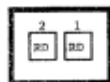
BF00D

Front Harness
Fuse Box(BF00)
1 pin
Black



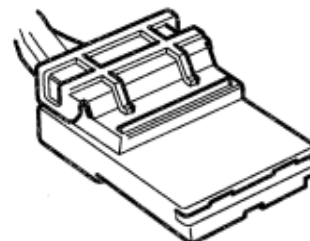
BF00E

Front harness
Fuse box (BF00)
2 pin
Black



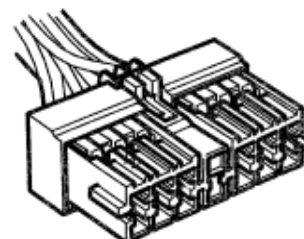
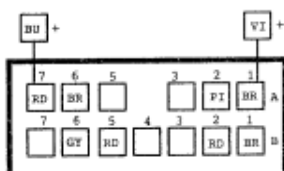
BF00F

Front harness
Fuse box (BF00)
2 pin
Brown



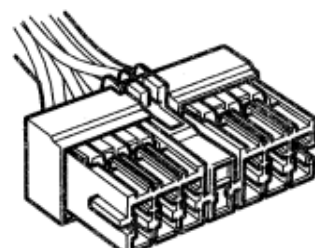
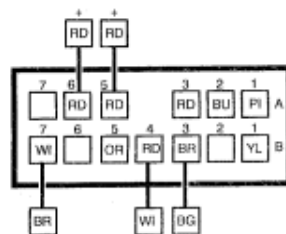
BF00H

Front harness
Fuse box (BF00)
13 pin
Red



BF00J

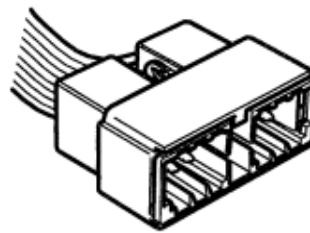
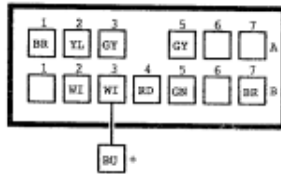
Front harness
Fuse box (BF00)
13 pin
Blue



Colour codes

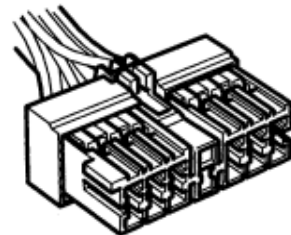
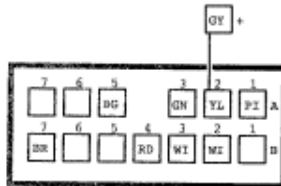
IC23C

Front harness
Interconnector
FR-RR
13 pin
Grey



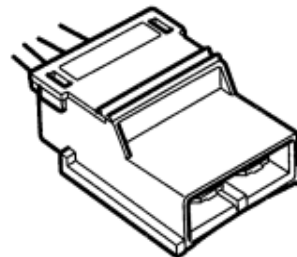
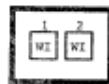
IC23C

Rear harness
Interconnector
FR-RR
13 pin
Grey



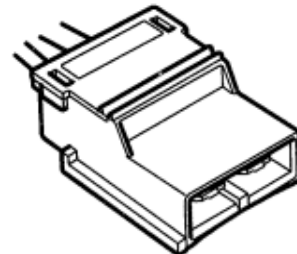
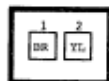
SW00A

Front harness
Ignition switch (SW00)
2 pin
Black

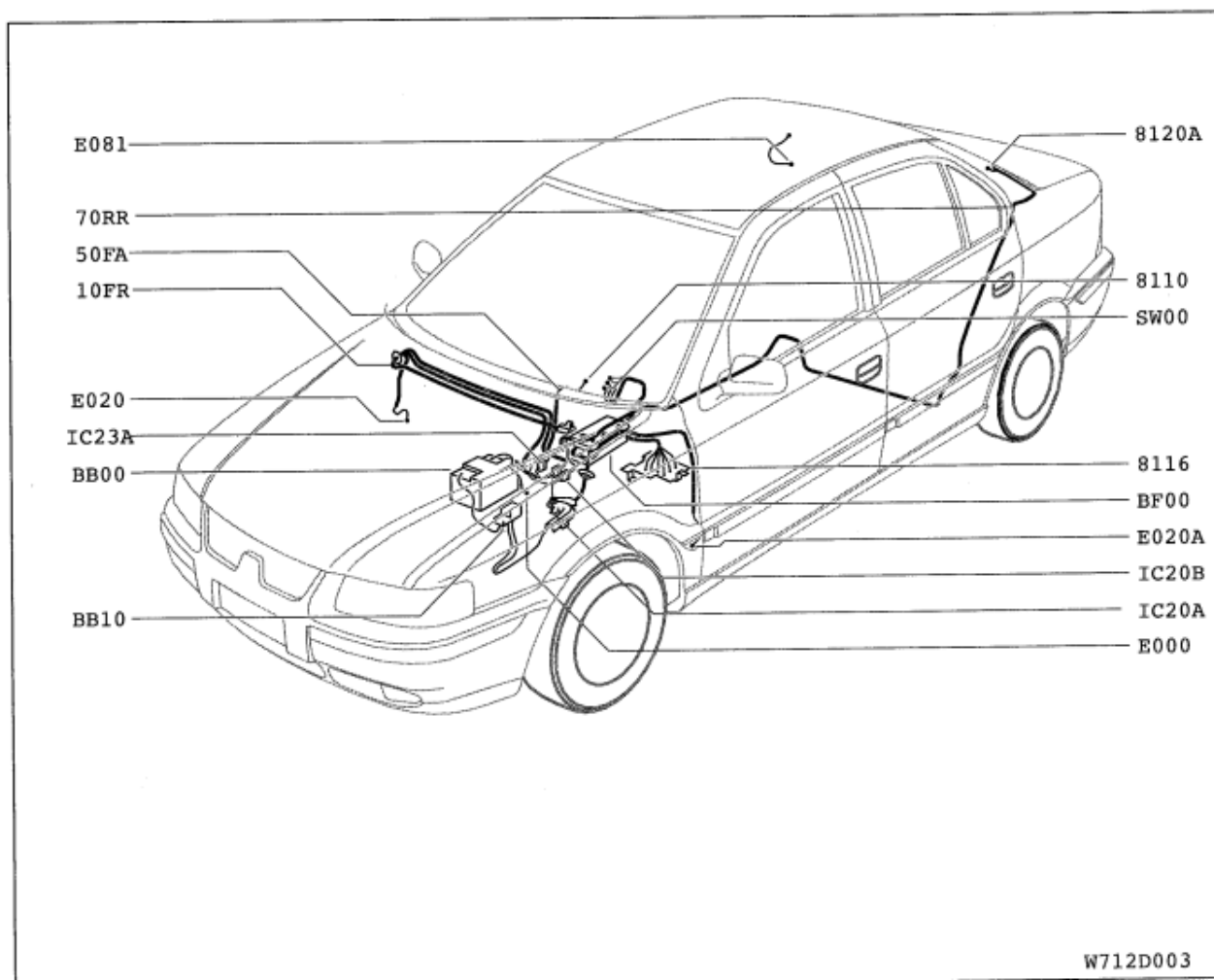


SW00B

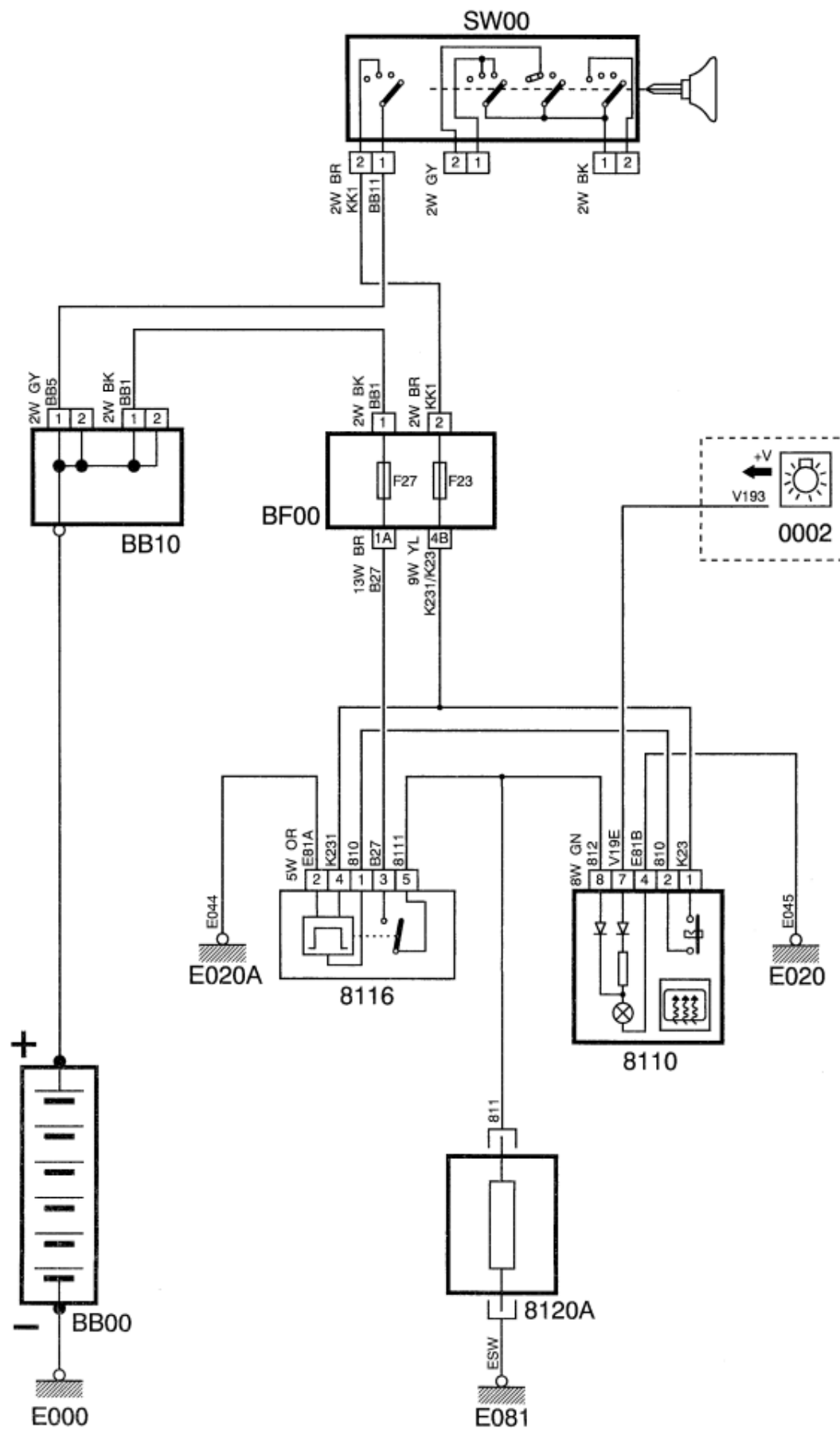
Front harness
Ignition switch (SW00)
2 pin
Grey



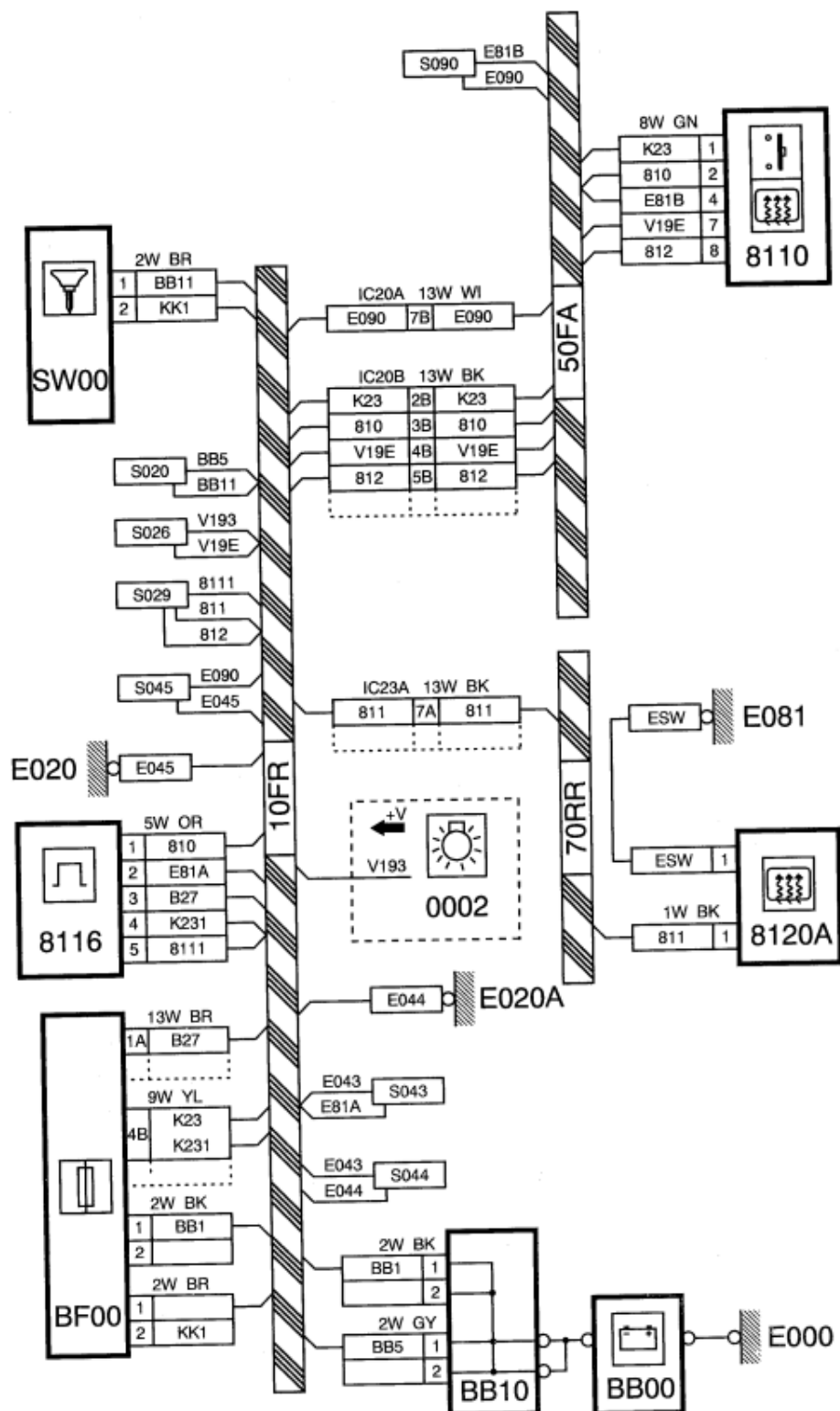
Heated rear screen



Component Number	Component Description	Connectors	Harness
8110	Rear screen heater switch	8110	Instrument panel
8116	Rear screen heater timer switch relay	8116	Front
8120A	Heated rear screen	8120A	Rear
BB00	Battery	--	Front
BB10	Branch box	BB10A,BB10B	Front
BF00	Fuse box (F23,F27)	BF00B,BF00E,BF00F,BF00G	Front
E000	Battery Earth point	Battery	Front
E020	Earth point	Bottom RH-A post	Front
E020A	Earth point	Bottom LH-A post	Front
E081	Earth point	Fly lead RH side-Parcel shelve	Fly lead
Interconnector	Front to Instrunemt panel harness	IC20A	FA-FR
Interconnector	Front to Instrunemt panel harness	IC20B	FA-FR
Interconnector	Front to Rear harness	IC23A	FR-RR
SW00	Ignition switch	SW00C	Front



Circuit

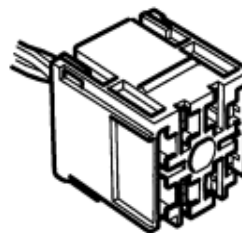
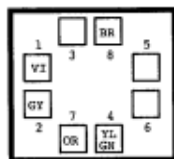


W712D166

Colour codes

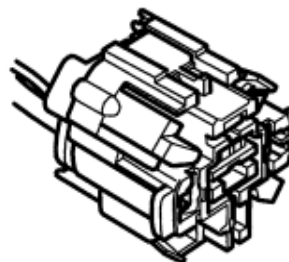
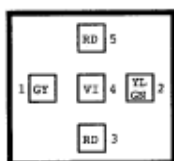
8110

Instrument panel harness
Rear screen heater switch
8 pin
Green



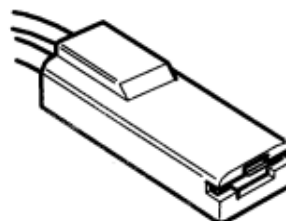
8116

Front harness
Rear screen timer
Switch relay
5 pin
Orange



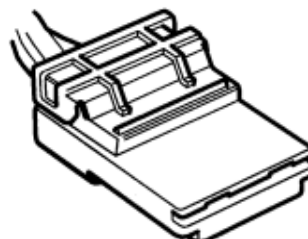
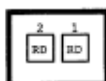
8120A

Rear Harness
Heated rear screen
1 pin
Black



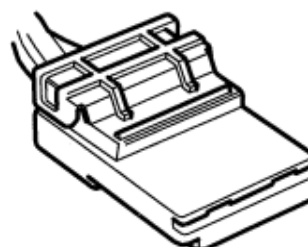
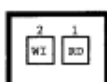
BB10A

Front harness
Branch box (BB10)
2 pin
Black



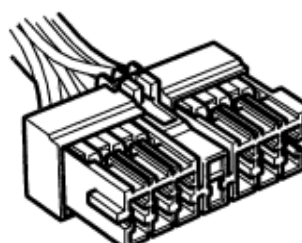
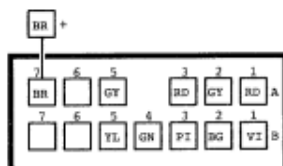
BB10B

Front harness
Branch box (BB10)
2 pin
Black



BF00B

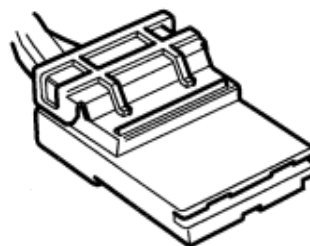
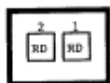
Front Harness
Fuse Box (BF00)
13 pin
Brown



Colour codes

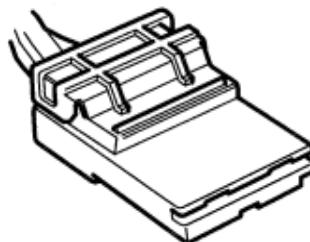
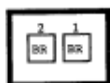
BF00E

Front harness
Fuse box (BF00)
2 pin
Black



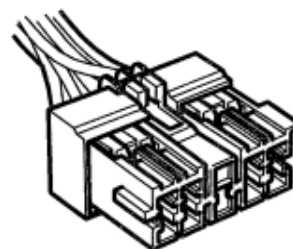
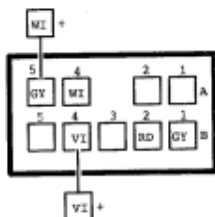
BF00F

Front harness
Fuse box (BF00)
2 pin
Brown



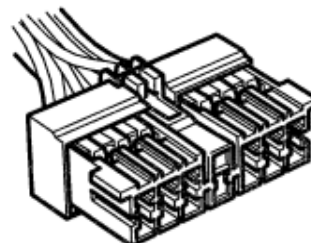
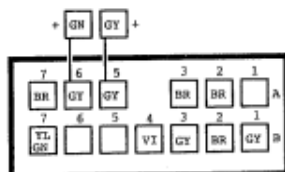
BF00G

Front harness
Fuse box (BF00)
9 pin
Yellow



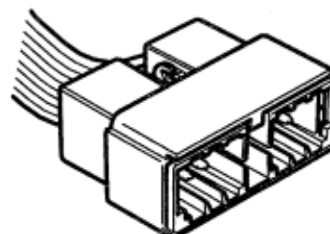
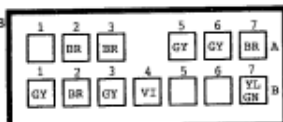
IC20A

Front harness
Interconnector
FA-FR
13 pin
White



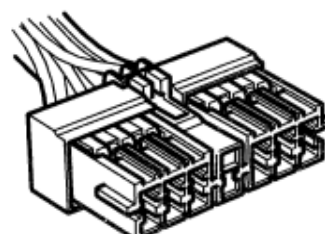
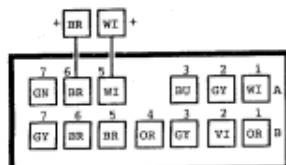
IC20A

Instrument panel harness
Interconnector
FA-FR
13 pin
White



IC20B

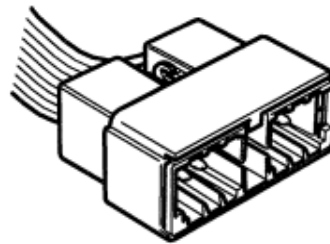
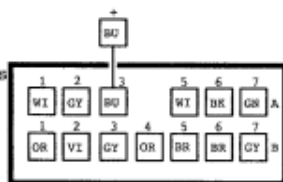
Front harness
Interconnector
FA-FR
13 pin
Black



Colour codes

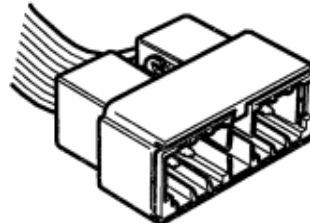
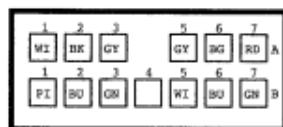
IC20B

Instrument Panel harness
Interconnector
FA-FR
13 pin
Black



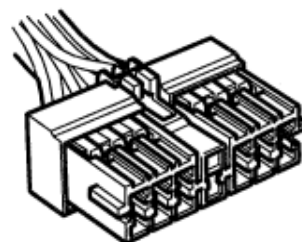
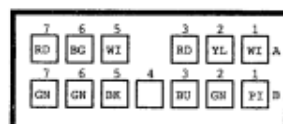
IC23A

Front harness
Interconnector
FR-RR
13 pin
Black



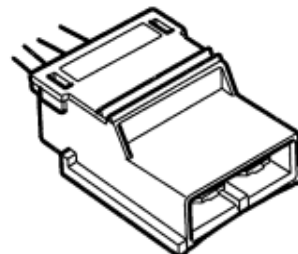
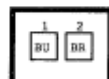
IC23A

Rear harness
Interconnector
FR-RR
13 pin
Black

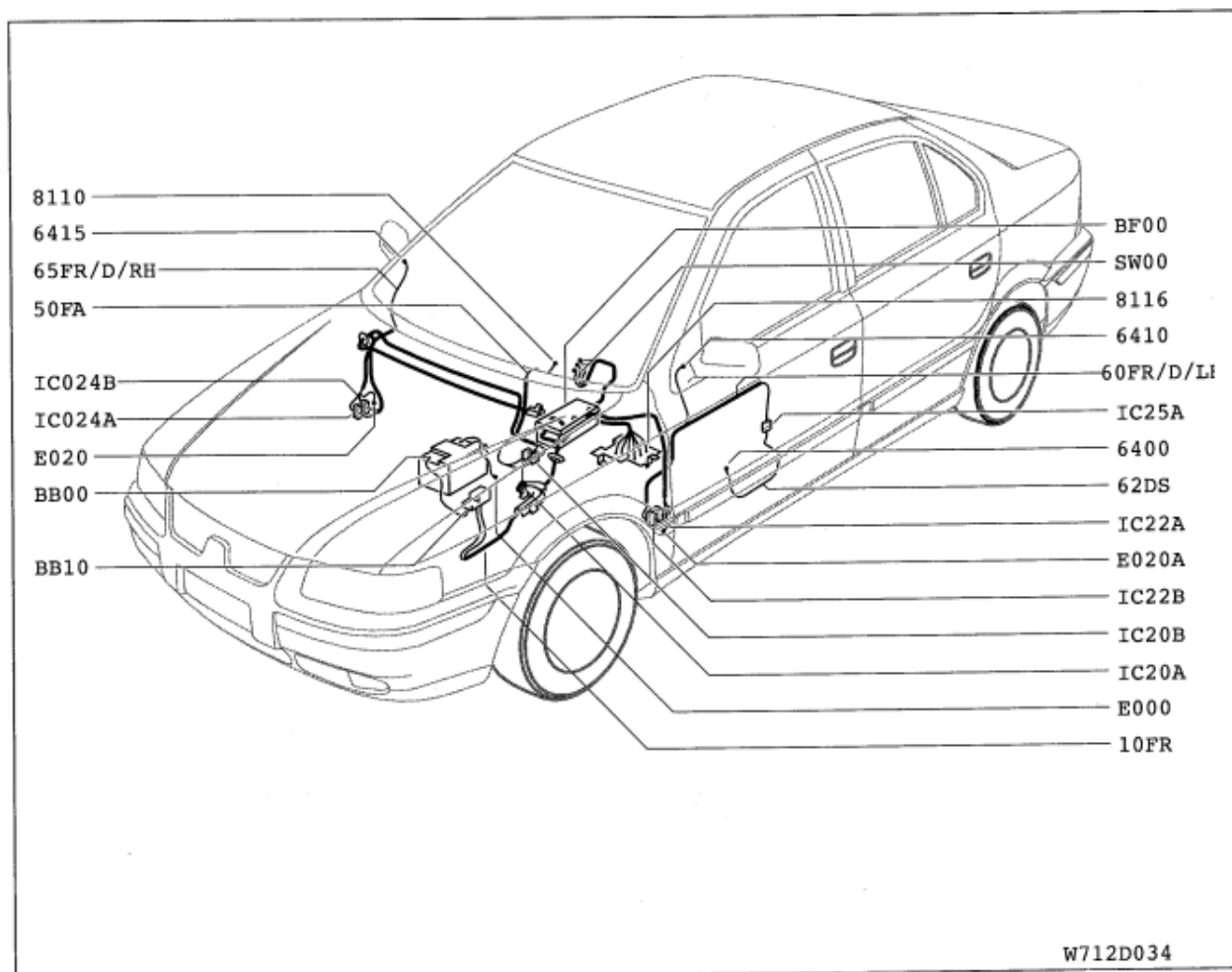


SW00C

Front harness
Ignition switch (SW00)
2 pin
Brown



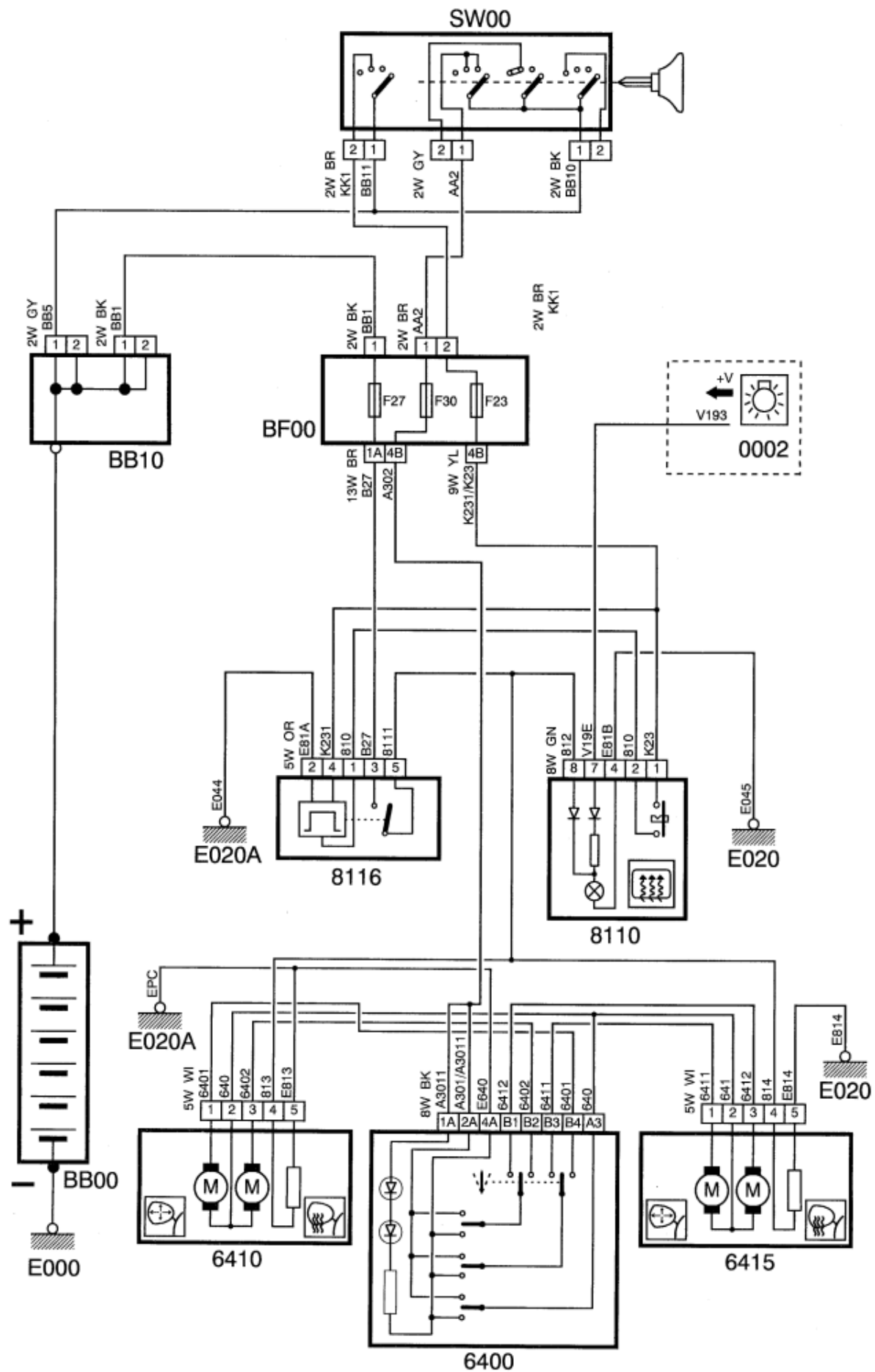
Heated mirrors (Driver and Passenger)



W712D034

Component Number	Component Description	Connectors	Harness
6400	Mirror switch	6400	Door switch
6410	Mirror motors	6410	Front door (LH)
6415	Mirror motors	6415	Front door (RH)
8110	Rear screen heater switch	8110	Instrument panel
8116	Rear screen heater time switch relay	8116	Front
BB00	Battery		Front
BB10	Branch box	BB10A, BB10B	Front
BF00	Fuse box (F23, F27, F30)	BF00B, BF00E, BF00F, BF00G	Front
E000	Battery Earth point	Battery	Front
E020	Earth point	Bottom RH-A post	Front
E020A	Earth point	Bottom LH-A post	Front
Interconnector	Front to Instrument panel harness	IC20A	FR-FA
Interconnector	Front to Instrument panel harness	IC20B	FR-FA
Interconnector	Front to Front door harness LH	IC22A, IC22B	FR-FR/D/LH
Interconnector	Front to Front door harness RH	IC24A, IC24B	FR-FR/D/RH
Interconnector	Front LH door-Door switch harness	IC25A	FR/D/LH-D/S
SW00	Ignition switch	SW00A, SW00B, SW00C	Front

Schematic

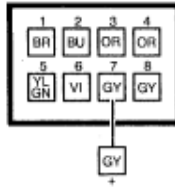


W712D167

Colour codes

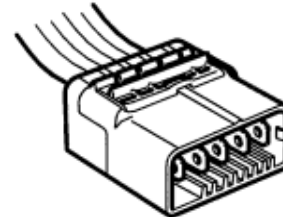
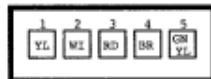
6400

Door switch harness
Mirror switch
8 pin
Black



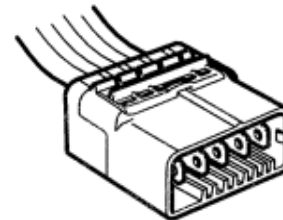
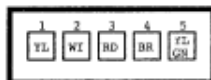
6410

Front door harness LH
Mirror motors
5 pin
White



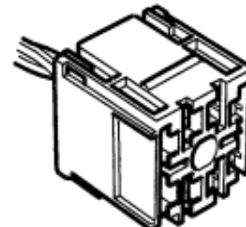
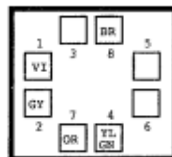
6415

Front door harness RH
Mirror motors
5 pin
White



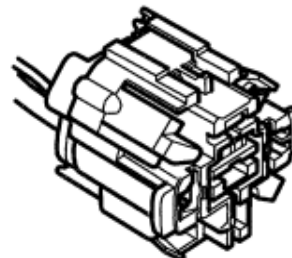
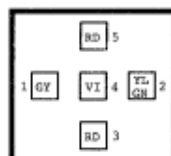
8110

Instrument panel harness
Rear screen heater switch
8 pin
Green



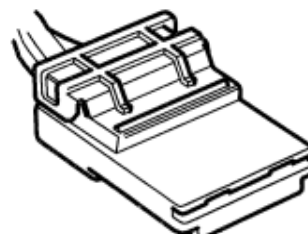
8116

Front harness
Rear screen timer
Switch relay
5 pin
Orange



BB10A

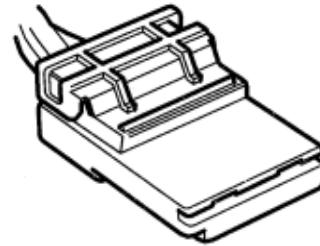
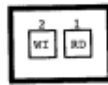
Front harness
Branch box (BB10)
2 pin
Black



Colour codes

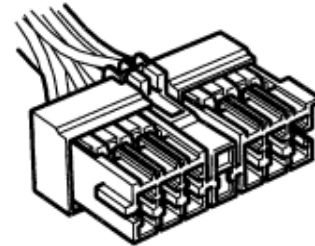
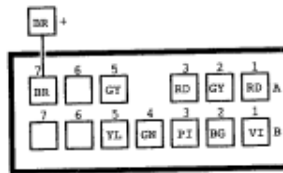
BB10B

Front harness
Branch box (BB10)
2 pin
Black



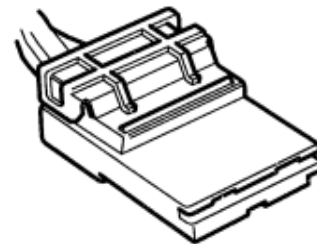
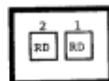
BF00B

Front Harness
Fuse Box (BF00)
13 pin
Brown



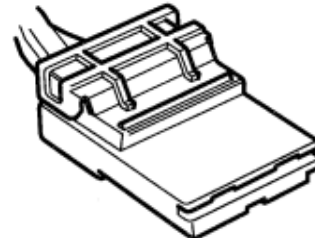
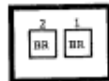
BF00E

Front harness
Fuse box (BF00)
2 pin
Black



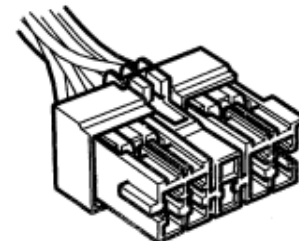
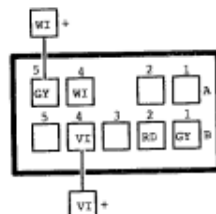
BF00F

Front harness
Fuse box (BF00)
2 pin
Brown



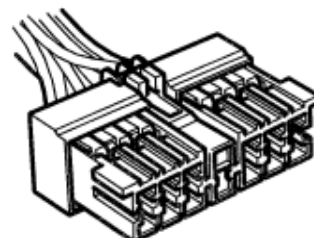
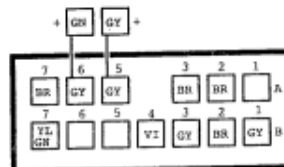
BF00G

Front harness
Fuse box (BF00)
9 pin
Yellow



IC20A

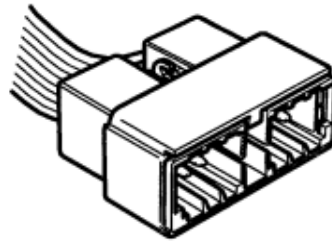
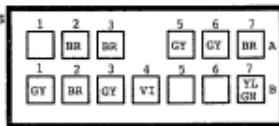
Front harness
Interconnector
FA-FR
13 pin
White



Colour codes

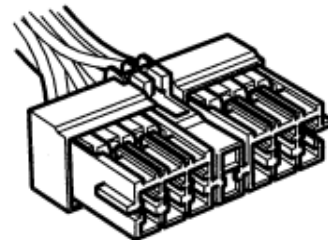
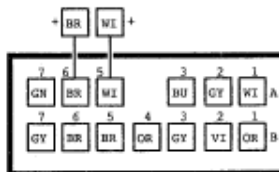
IC20A

Instrument panel harness
Interconnector
FA-FR
13 pin
White



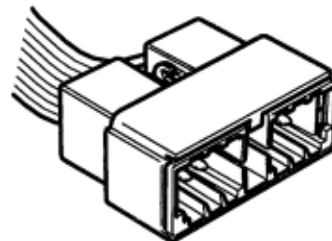
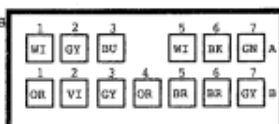
IC20B

Front harness
Interconnector
FA-FR
13 pin
Black



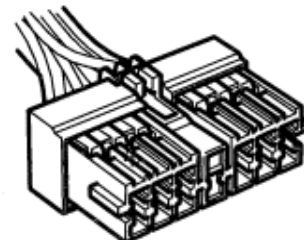
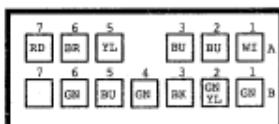
IC20B

Instrument panel harness
Interconnector
FA-FR
13 pin
Black



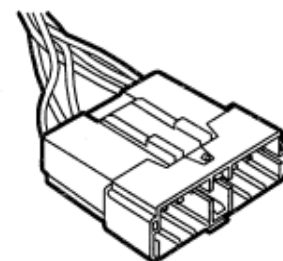
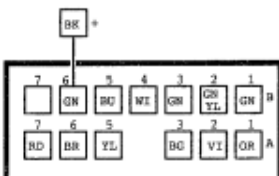
IC22A

Front door harness LH
Interconnector
FR-FR/LH/D
13 pin
Black



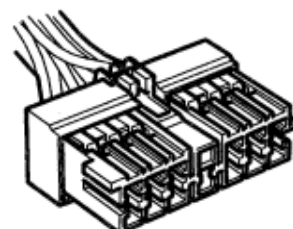
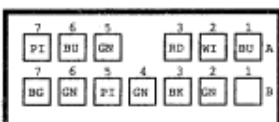
IC22A

Front harness
Interconnector
FR-FR/LH/D
13 pin
Black



IC22B

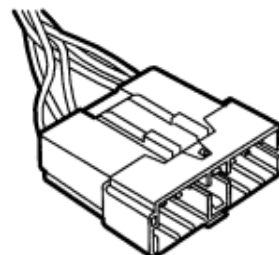
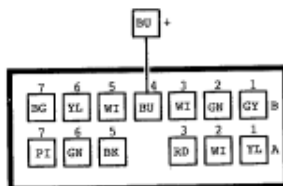
Front door harness LH
Interconnector
FR-FR/LH/D
13 pin
Grey



Colour codes

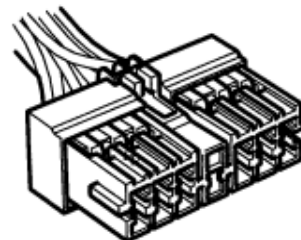
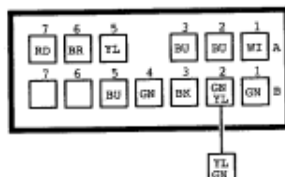
IC22B

Front harness
Interconnector
FR-FR/LH/D
13 pin
Grey



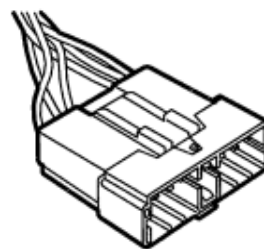
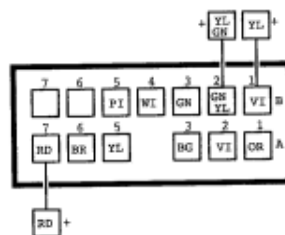
IC24A

Front door harness RH
Interconnector
FR-FR/RH/D
13 pin
Black



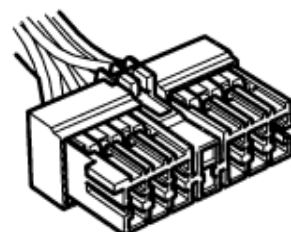
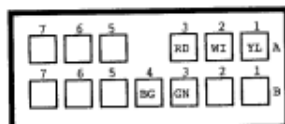
IC24A

Front harness
Interconnector
FR-FR/RH/D
13 pin
Black



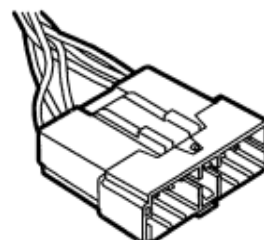
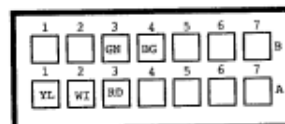
IC24B

Front door harness
Interconnector
FR-FR/RH/D
13 pin
Grey



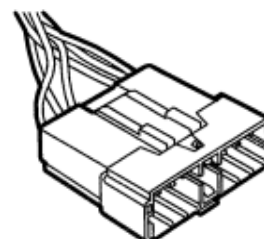
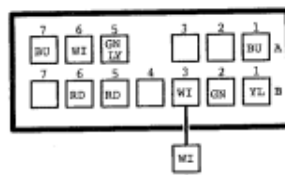
IC24B

Front harness
Interconnector
FR-FR/RH/D
13 pin
Grey



IC25A

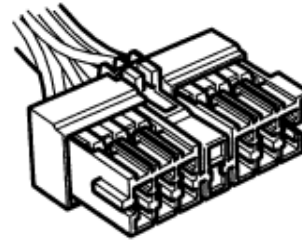
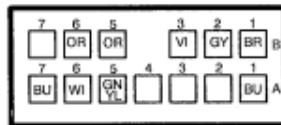
Front door harness LH
Interconnector
FR/LH/D-D/S
13 pin
Brown



Colour codes

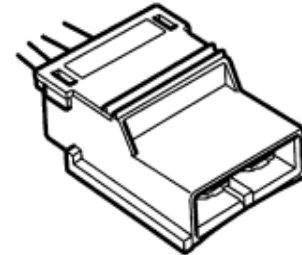
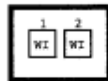
IC25A

Front Door switch harness LH
Interconnector
FR/LH/D-D/S
13 pin
Brown



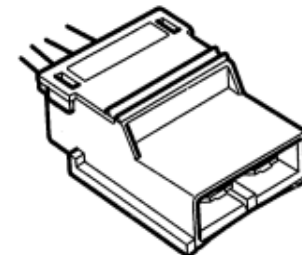
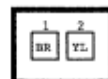
SW00A

Front harness
Ignition switch (SW00)
2 pin
Black



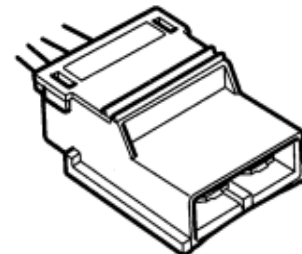
SW00B

Front harness
Ignition switch (SW00)
2 pin
Grey

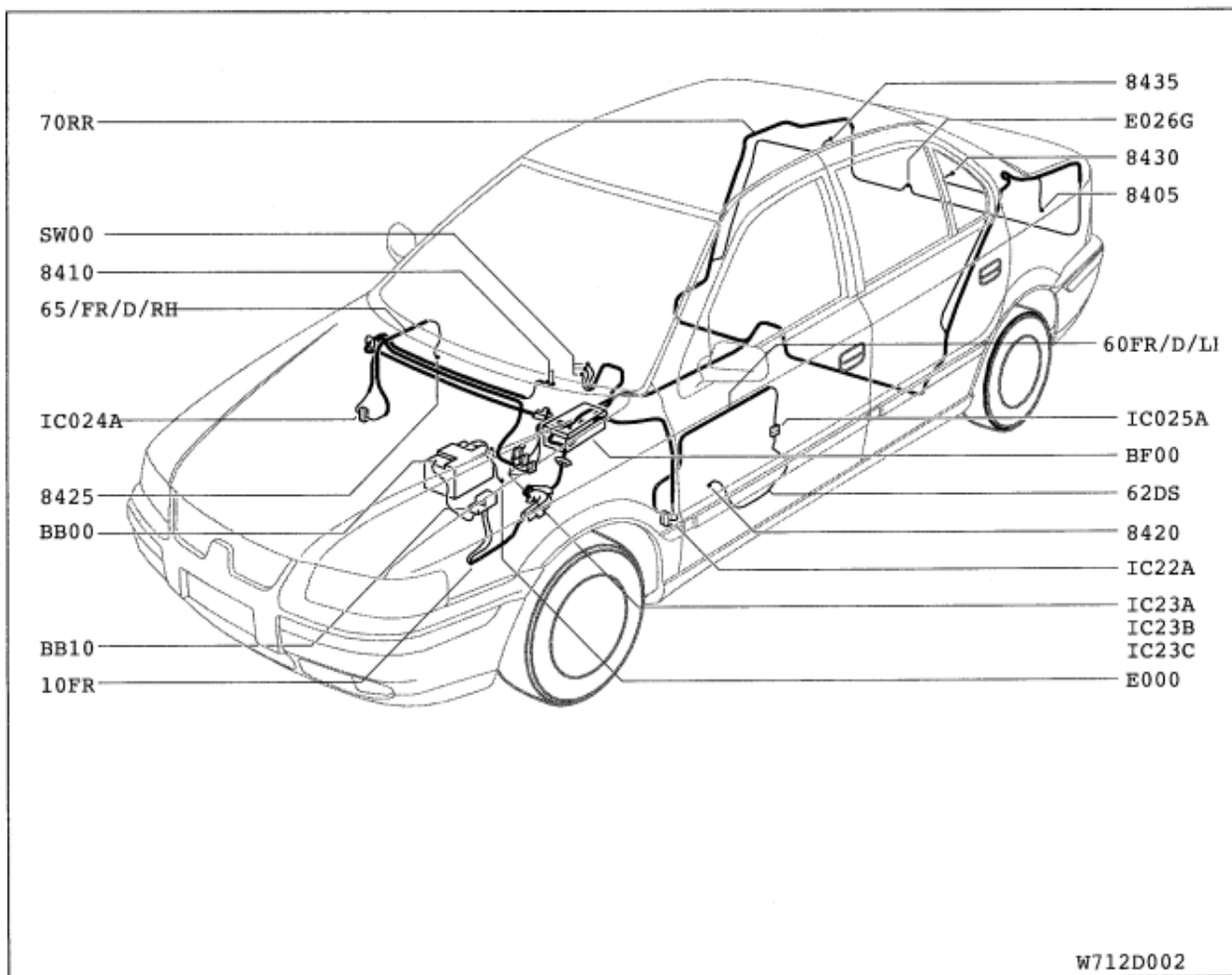


SW00C

Front harness
Ignition switch (SW00)
2 pin
Brown

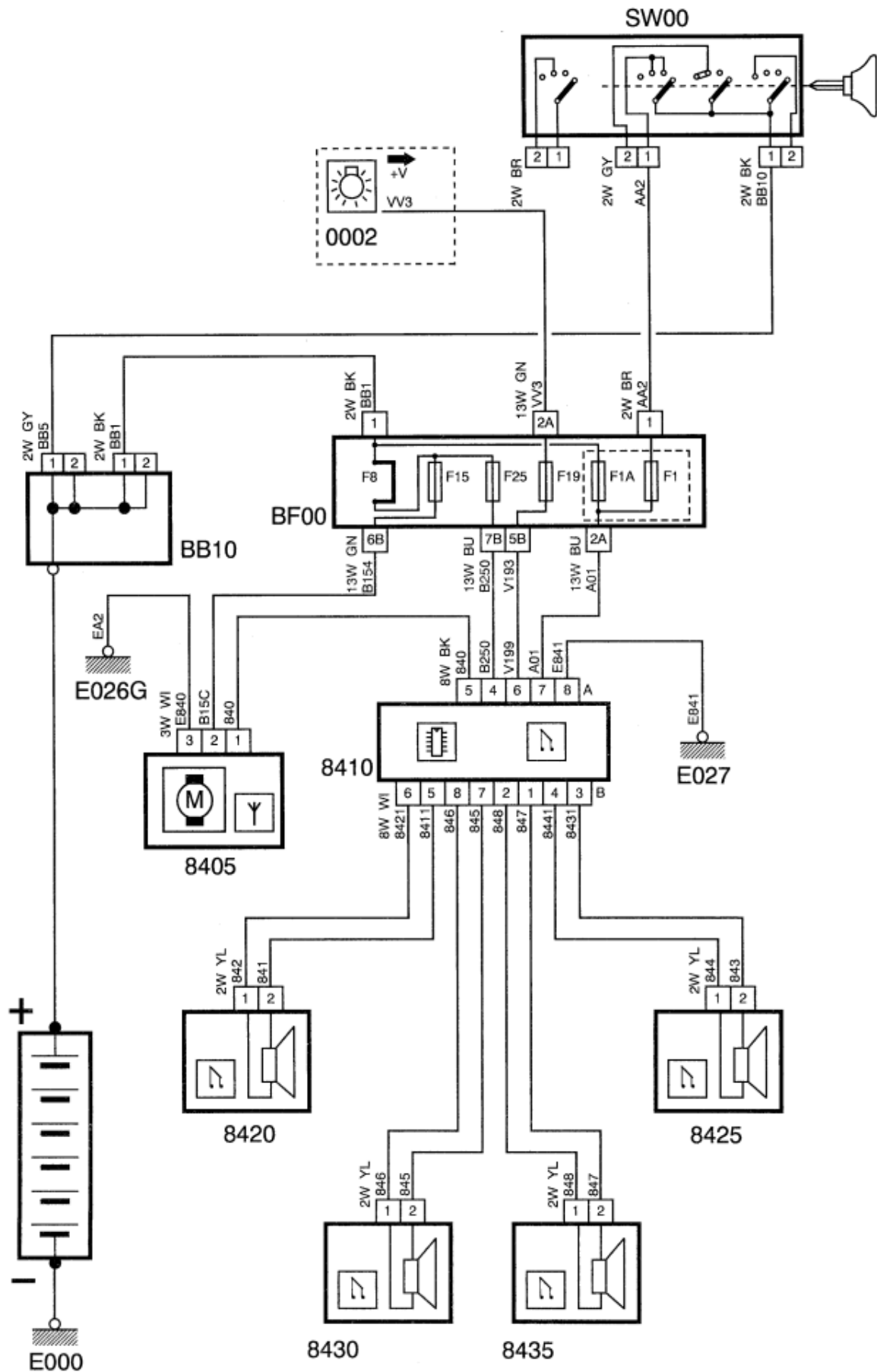


Radio and CD changer

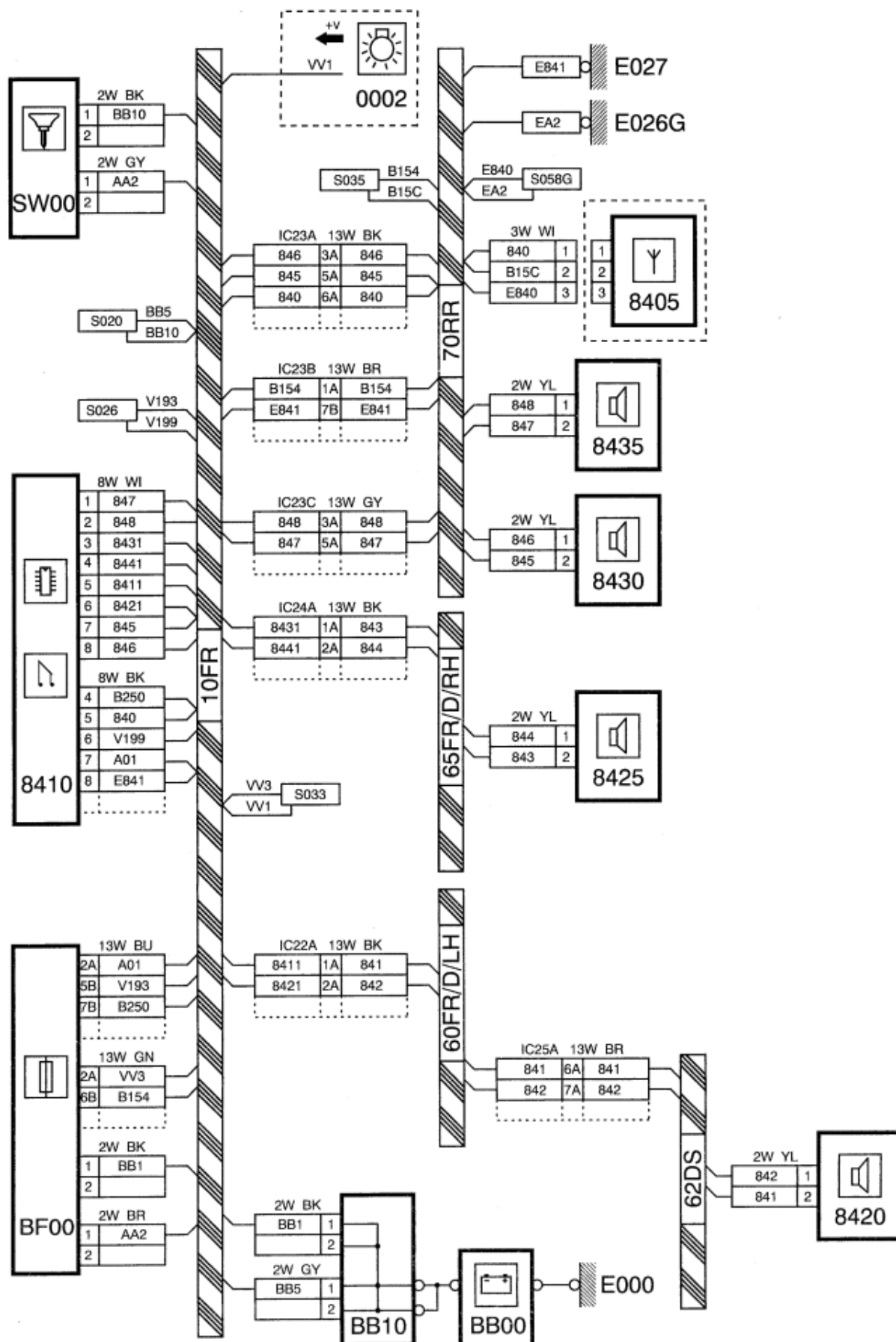


Component Number	Component Description	Connectors	Harness
8405	Electric aerial	8405	Rear
8410	Radio	8410A,8410B	Front
8420	Speaker front LH	8420	Door switch LH
8425	Speaker front RH	8425	Front door RH
8430	Speaker rear LH	8430	Rear
8435	Speaker rear RH	8435	Rear
BB00	Battery	--	Front
BB10	Branch box	BB10A,BB10B	Front
BF00	Fuse box (F1,F1A,F8,F15,F19,F25)	BF00E,BF00F,BF00I,BF00J	Front
E000	Battery Earth point	Battery	Front
E026G	Earth point	Rear panel inner-Boot	Rear
E027	Earth point	Panel A pilaar lower LH	Rear
Interconnector	Front to Door harness LH	IC22A	FR-FR/D/LH
Interconnector	Front to rear	IC23A	FR-RR
Interconnector	Front to rear	IC23B	FR-RR
Interconnector	Front to rear	IC23C	FR-RR
Interconnector	Front to Door harness RH	IC24A	FR-FR/D/RH
Interconnector	Front Door LH to Door switch harness	IC25A	FR/D/LH-D/S
SW00	Ignition switch	SW00A,SW00B	Front

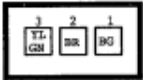
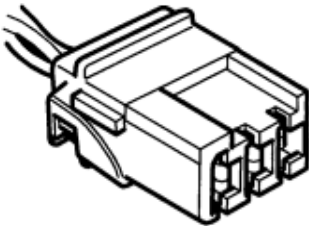
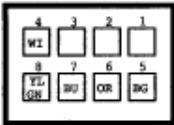
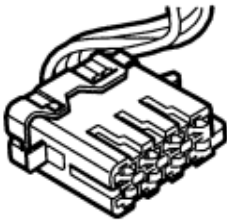
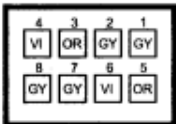
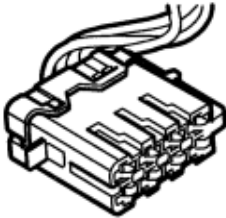
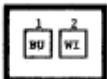
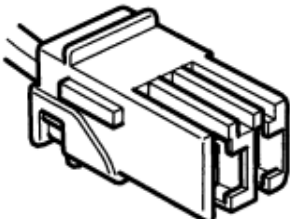
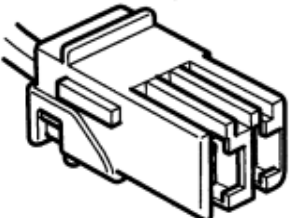
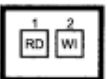
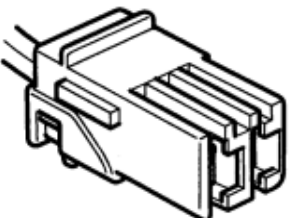
Schematic



Curcuit



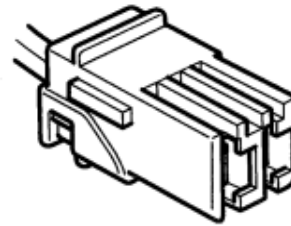
Colour codes

8405 Rear harness Electric aerial 3 pin White 	
8410A Front harness Radio cassette 8 pin Black 	
8410B Front harness Radio cassette 8 pin White 	
8420 Door switch Harness Loud speaker LH 2 pin Yellow 	
8425 Front door harness RH Loud speaker RH 2 pin Yellow 	
8430 Rear harness Loud speaker LH 2 pin Yellow 	

Colour codes

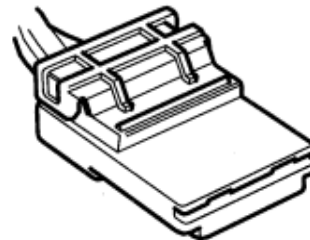
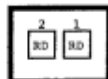
8435

Rear harness
Loud speaker RH
2 pin
Yellow



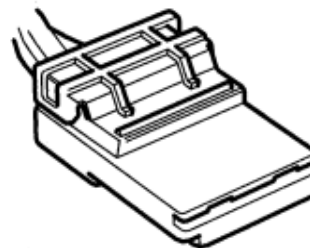
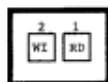
BB10A

Front harness
Branch box (BB10)
2 pin
Black



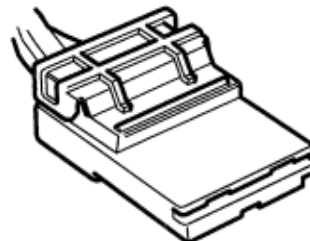
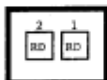
BB10B

Front harness
Branch box (BB10)
2 pin
Black



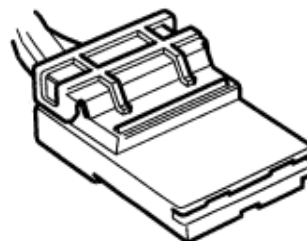
BF00E

Front harness
Fuse box (BF00)
2 pin
Black



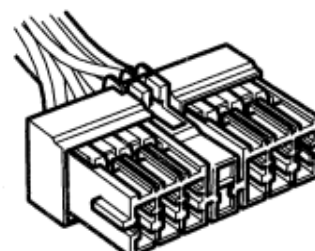
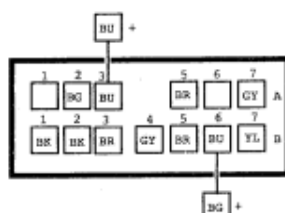
BF00F

Front harness
Fuse box (BF00)
2 pin
Brown



BF00I

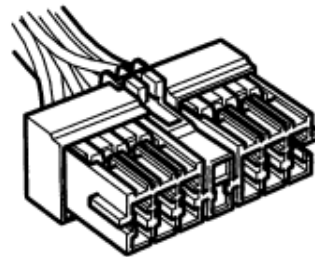
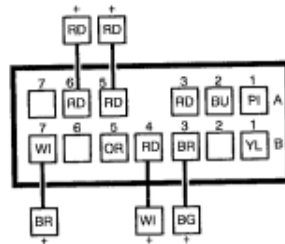
Front harness
Fuse box (BF00)
13 pin
Green



Colour codes

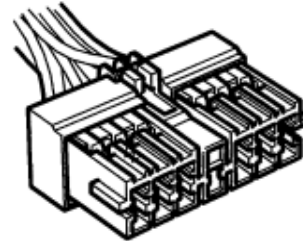
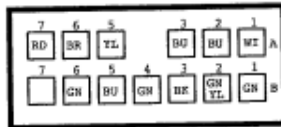
BF00J

Front harness
Fuse box (BF00)
13 pin
Blue



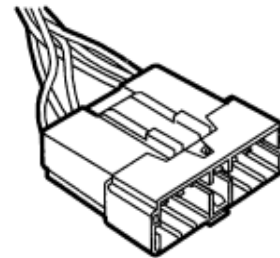
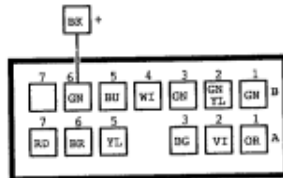
IC22A

Front door harness LH
Interconnector
FR-FR/LH/D
13 pin
Black



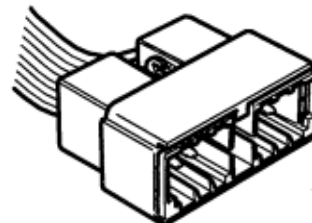
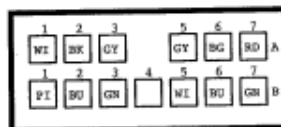
IC22A

Front harness
Interconnector
FR-FR/LH/D
13 pin
Black



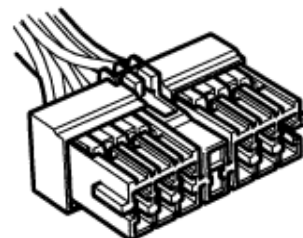
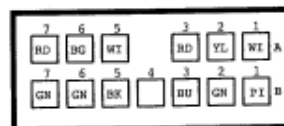
IC23A

Front harness
Interconnector
FR-RR
13 pin
Black



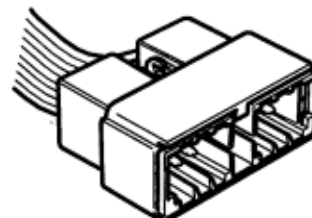
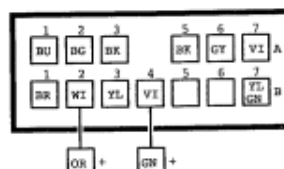
IC23A

Rear harness
Interconnector
FR-RR
13 pin
Black



IC23B

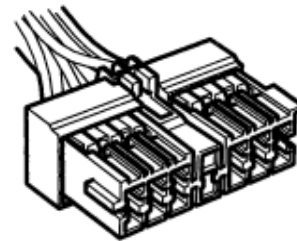
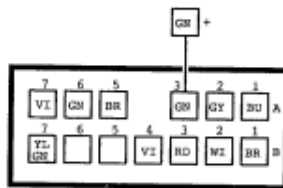
Front harness
Interconnector
FR-RR
13 pin
Brown



Colour codes

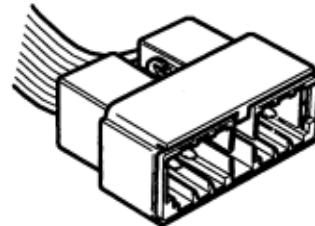
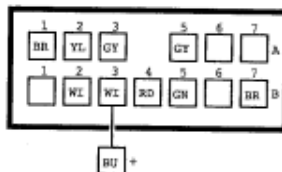
IC23B

Rear harness
Interconnector
FR-RR
13 pin
Brown



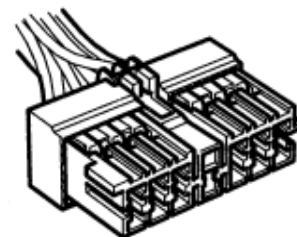
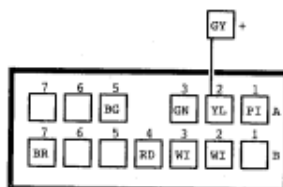
IC23C

Front harness
Interconnector
FR-RR
13 pin
Grey



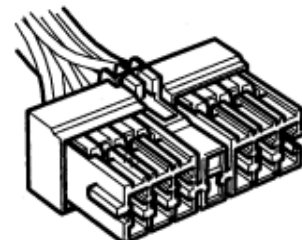
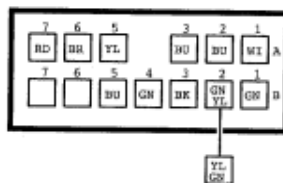
IC23C

Rear harness
Interconnector
FR-RR
13 pin
Grey



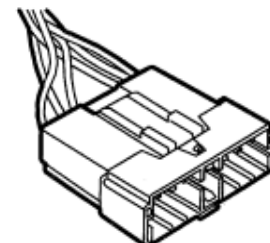
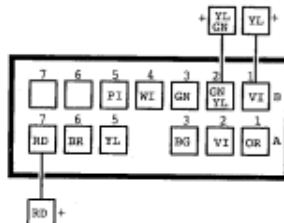
IC24A

Front door harness RH
Interconnector
FR-FR/RH/D
13 pin
Black



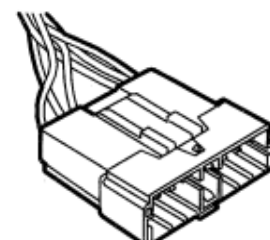
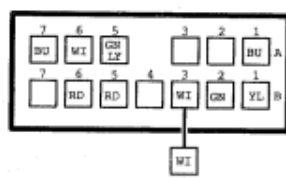
IC24A

Front harness
Interconnector
FR-FR/RH/D
13 pin
Black



IC25A

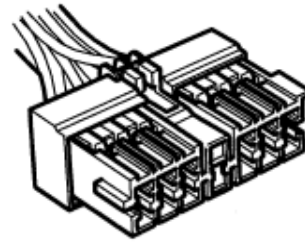
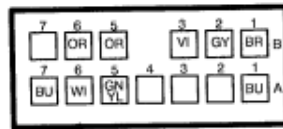
Front door harness LH
Interconnector
FR/LH/D-D/S
13 pin
Brown



Colour codes

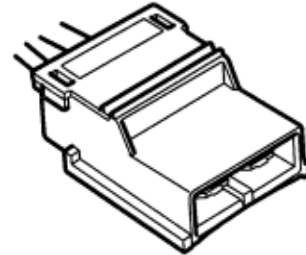
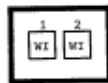
IC25A

Front Door switch harness LH
Interconnector
FR/LH/D-D/S
13 pin
Brown



SW00A

Front harness
Ignition switch (SW00)
2 pin
Black



SW00B

Front harness
Ignition switch (SW00)
2 pin
Grey

