

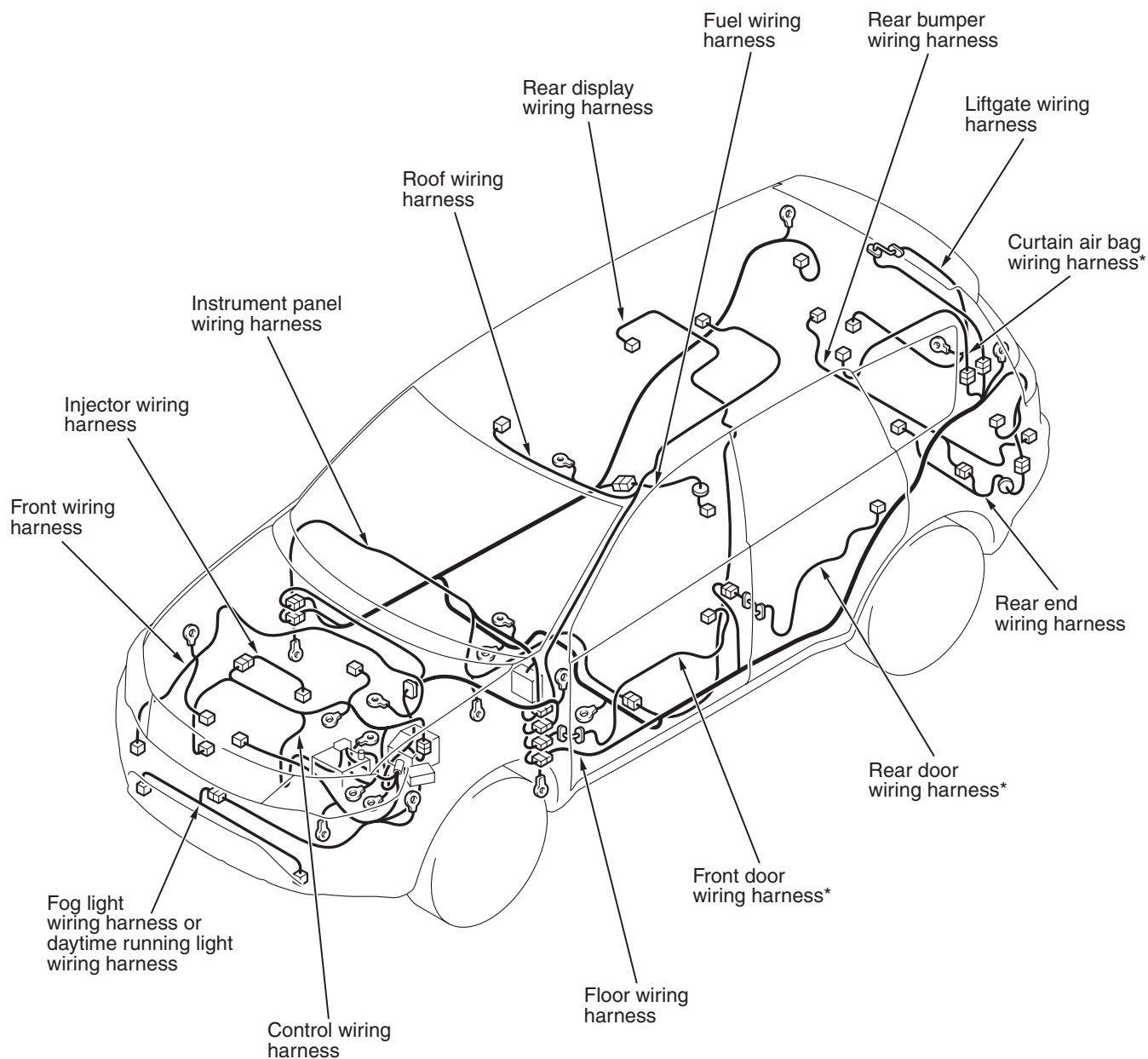
GROUP 80A

CONFIGURATION
DIAGRAMS

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OVERALL CONFIGURATION DIAGRAM



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NOTE:

1. This illustration shows only major wiring harnesses.
2. *: also equipped at the right side.

HOW TO READ CONFIGURATION DIAGRAMS

The wiring harness diagrams clearly show the connector locations and harness configurations on actual vehicles. Some variations are included in one

configuration diagram. Accordingly, some diagrams may not be applicable for individual vehicles.

Denotes connector No.

The same connector No. is used throughout the circuit diagrams to facilitate connector location searches.

The first alphabetical symbol indicates the location site of the connector and a number that follows is the unique number. Numbers are usually assigned to parts in clockwise order on the diagram.

Example: A-19

Number specific to connector (serial number)

Connector location site symbol
A: ENGINE COMPARTMENT
B: ENGINE AND TRANSAXLE
C: DASH PANEL

D: FLOOR AND ROOF
E: DOOR
F: LIFTGATE

Denotes ground point.

Same ground number is used throughout circuit diagrams to facilitate search of ground point. Refer to GROUP 70 COMPONENT LOCATIONS -GROUND MOUNTING LOCATIONS for details of ground points.

Denotes harness name.

Front wiring harness (RH)

Denotes a section covered by a corrugated tube.

The mark ★ shows the standard mounting position of wiring harness.

Denotes the color of the tube
(If not specified, it is black).
R: Red
Y: Yellow

The number of connector pins and the connector color (except milk white)* are shown for ease of retrieval.

Example: (2-B)

Connector color
(milk white if no color is indicated)

Number of connector pins

*: Typical connector colors

B: Black	BR: Brown
Y: Yellow	V: Violet
L: Blue	O: Orange
G: Green	GR: Gray
R: Red	NONE: Milk white

A-19

A-18

A-17

A-16

A-15

A-15 (2)
A-16 (2-GR)
A-17 (2-B)
A-18 (2-B)
A-19 (2-GR)

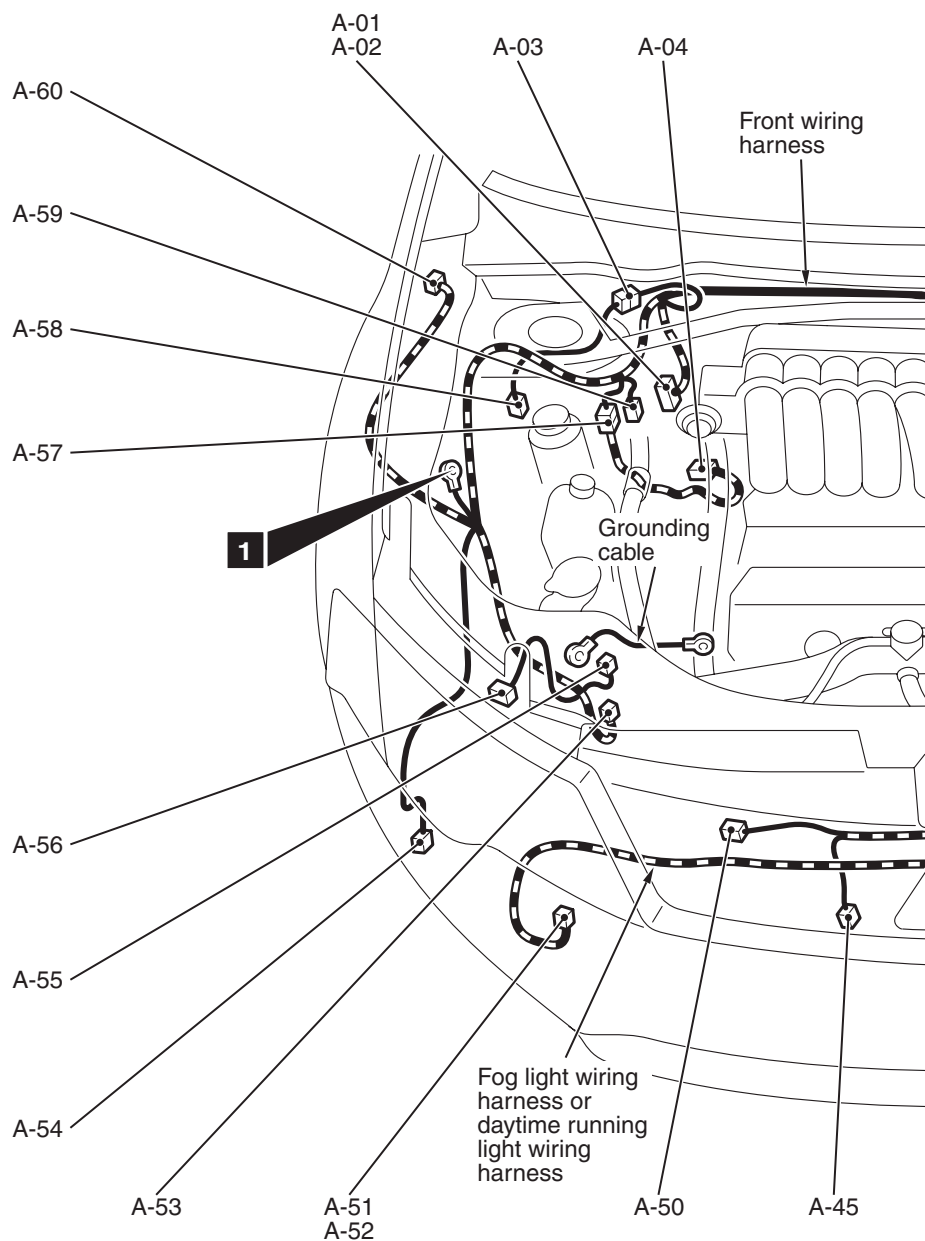
Fog light (RH)
Horn (LOW)
Headlight (RH)
Windshield washer motor
Dual pressure switch

Indicates the device to which the connector is connected.

ENGINE COMPARTMENT

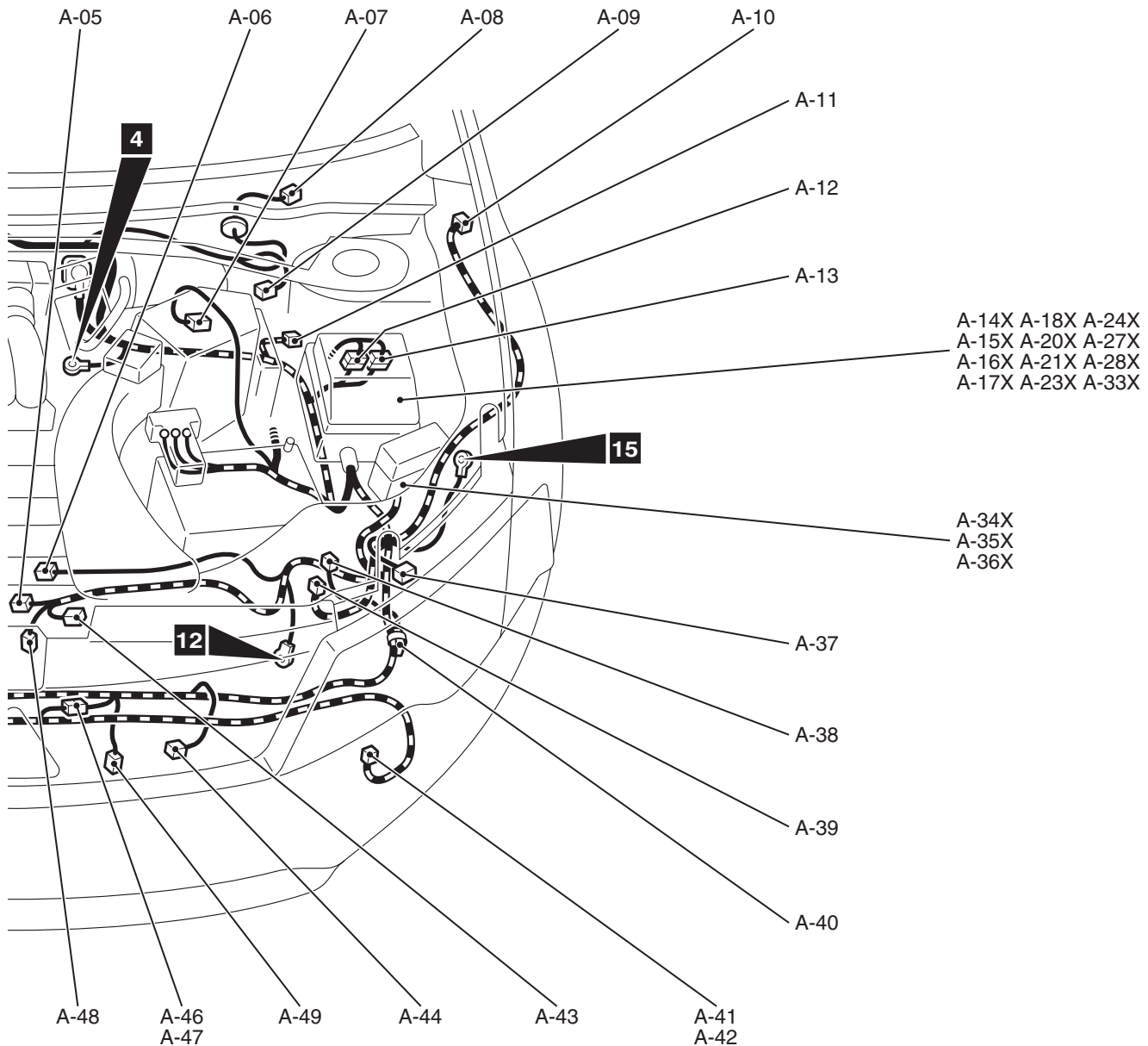
Connector
symbol**A**Connector color
code

B : Black
 BR : Brown
 G : Green
 GR : Gray
 L : Blue
 None : Milk white
 O : Orange
 R : Red
 V : Violet
 Y : Yellow



A-01	(26-B)	ABS-ECU
A-02	(47-B)	ASC-ECU
A-03	(1-B)	Front wiring harness and theft-alarm horn sub wiring harness combination
A-04	(3-B)	Front height sensor <Headlight automatic leveling system>
A-05	(2-B)	Radiator fan motor
A-06	(2-B)	Hood switch
A-07	(4-GR)	Mass airflow sensor
A-08	(5-GR)	Windshield wiper motor
A-09	(2-B)	Brake fluid level switch
A-10	(2-B)	Side turn-signal light (LH)
A-11	(2-B)	Front wheel speed sensor (LH)
A-12	(24)	Front wiring harness and control wiring harness combination

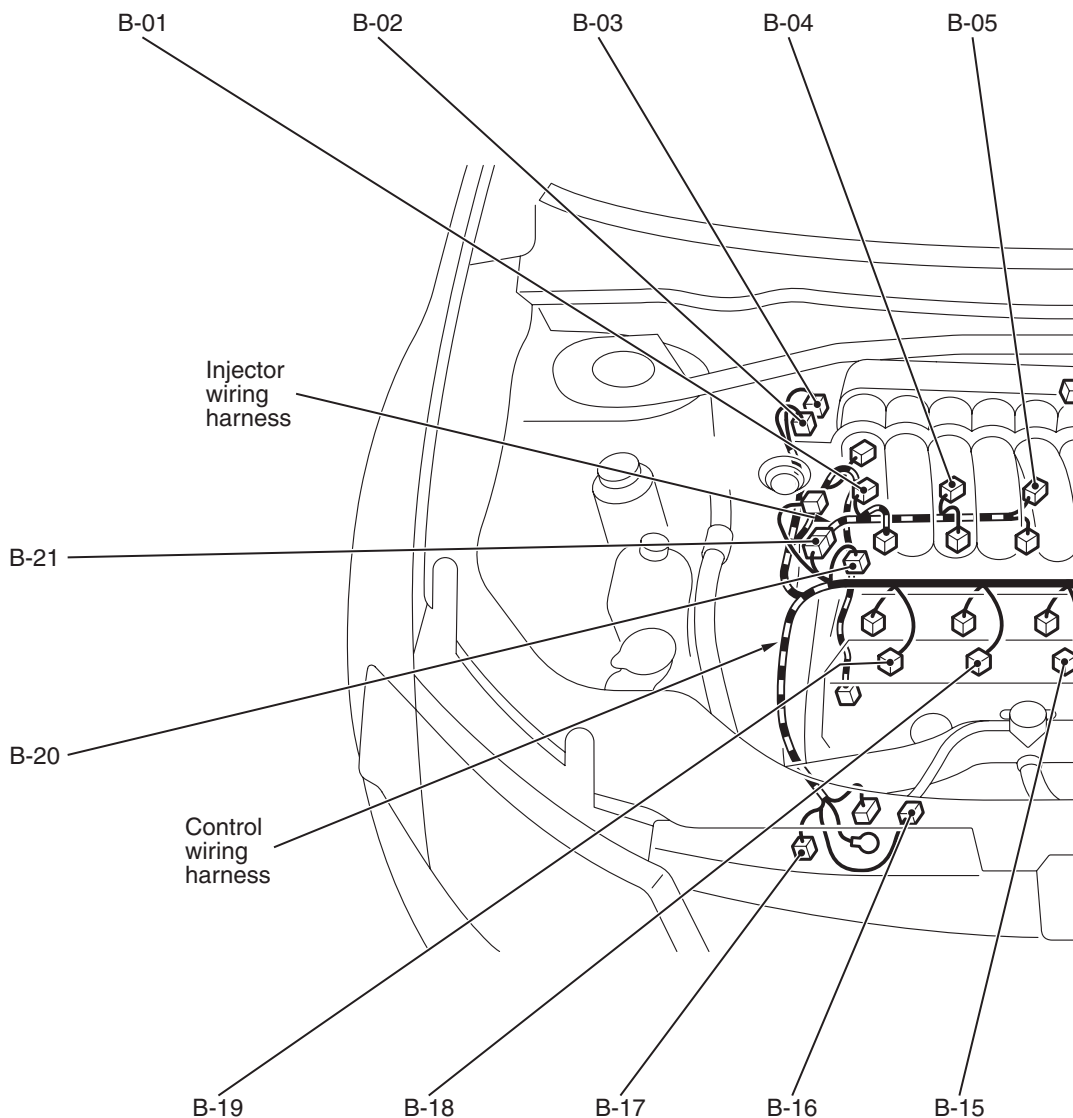
A-13	(20)	Front wiring harness and control wiring harness combination
A-14X	(4)	Fog light relay
A-15X	(4)	Horn relay
A-16X	(4)	A/C compressor clutch relay
A-17X	(4)	Theft-alarm horn relay
A-18X	(4)	A/T control relay
A-20X	(4)	Headlight relay (High)
A-21X	(4)	Throttle valve control servo relay
A-23X	(4)	Daytime running light relay
A-24X	(4)	Injector relay
A-27X	(4)	Starter relay
A-28X	(4)	Headlight relay (Low)
A-33X	(4)	MFI relay
A-34X	(4)	Radiator fan relay
A-35X	(4)	Condenser fan relay



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A-36X (5)	Fan control relay	A-49 (1-B)	Horn (High)
A-37 (12-B)	Headlight assembly (LH)	A-50 (3-B)	A/C pressure sensor
A-38 (2-B)	Headlight (High: LH)	A-51 (2-B)	Fog light (RH)
A-39 (2-Y)	Front impact sensor (LH)	A-52 (2)	Daytime running light (RH)
A-40 (4-GR)	Spare connector (for trailer harness)	A-53 (2-Y)	Front impact sensor (RH)
A-41 (2-B)	Fog light (LH)	A-54 (2-B)	Washer motor
A-42 (2)	Daytime running light (LH)	A-55 (2-B)	Headlight (High: RH)
A-43 (2-B)	Condenser fan motor	A-56 (12-B)	Headlight assembly (RH)
A-44 (2-B)	Ambient air temperature sensor	A-57 (3-GR)	Front wiring harness and front height sensor sub wiring harness combination <Headlight automatic leveling system>
A-45 (1-B)	Horn (Low)	A-58 (1)	Theft-alarm horn
A-46 (2-B)	Front wiring harness and fog light wiring harness combination	A-59 (2-B)	Front wheel speed sensor (RH)
A-47 (2-B)	Front wiring harness and daytime running light wiring harness combination	A-60 (2-B)	Side turn-signal light (RH)
A-48 (2-B)	Radiator sensor		

ENGINE AND TRANSAXLE

Connector
symbol**B** -01
thru
-21

Connector color

code

B : Black

BR : Brown

G : Green

GR : Gray

L : Blue

None : Milk white

O : Orange

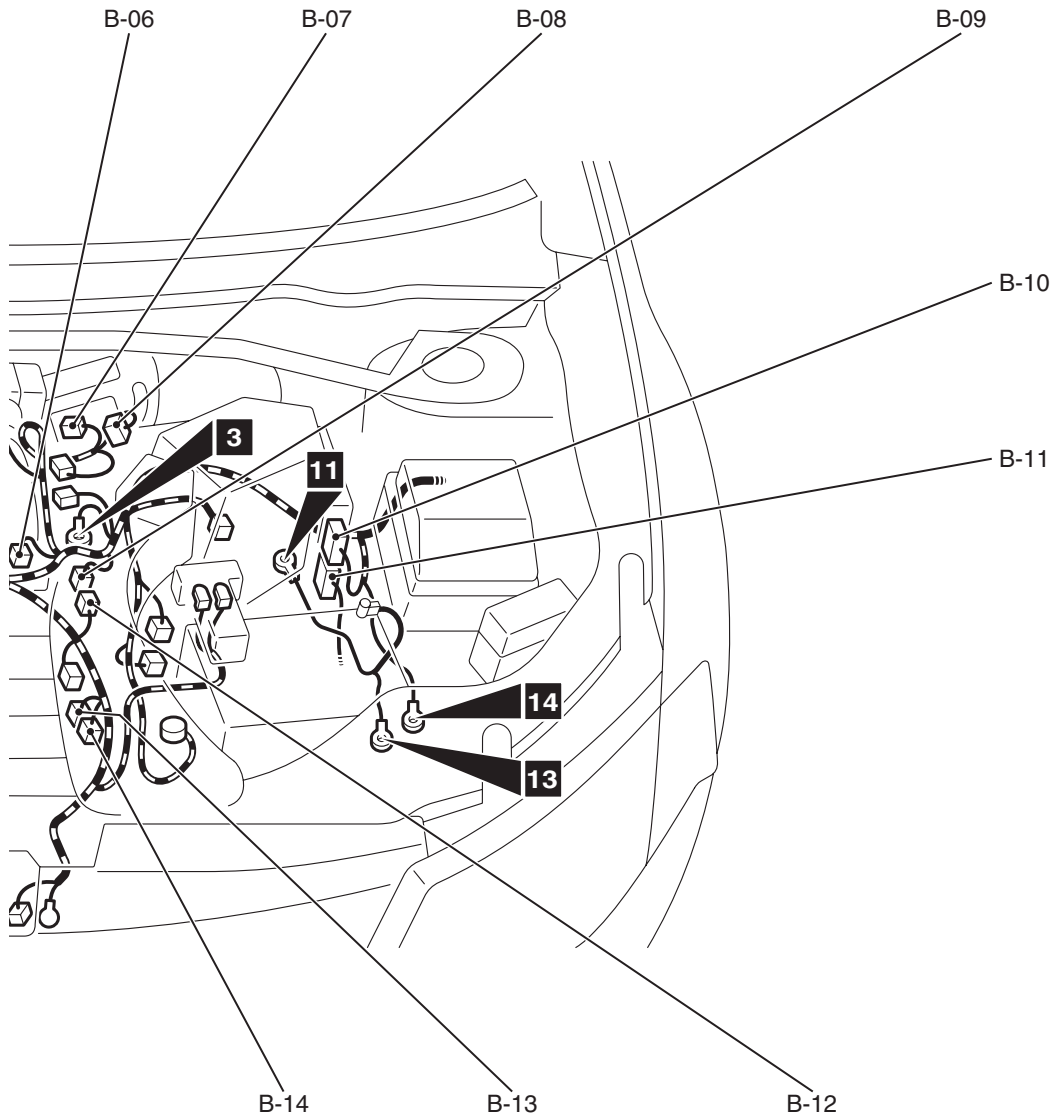
R : Red

V : Violet

Y : Yellow

B-01	(3-B)	Ignition coil 1
B-02	(4-B)	Right bank heated oxygen sensor (Rear)
B-03	(4-GR)	Right bank heated oxygen sensor (Front)
B-04	(3-B)	Ignition coil 3
B-05	(3-B)	Ignition coil 5

B-06	(2-B)	Knock sensor 1
B-07	(2-B)	Evaporative emission purge solenoid
B-08	(6-B)	Throttle body assembly
B-09	(2-B)	Engine coolant temperature sensor
B-10	(64-GR)	Engine control module
B-11	(48-GR)	Engine control module
B-12	(6-GR)	Exhaust gas recirculation valve

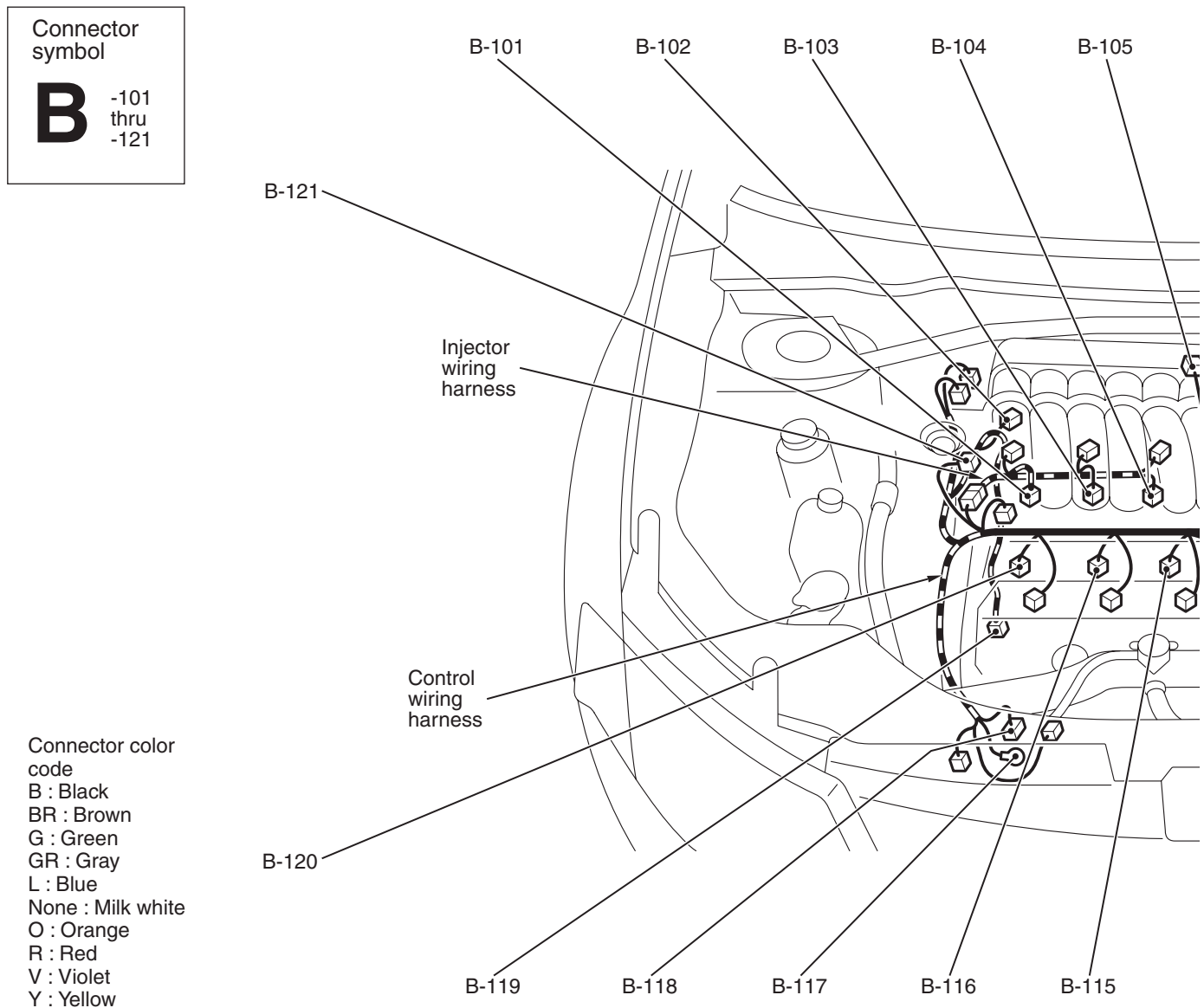


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B-13 (4-GR) Left bank heated oxygen sensor (Rear)
 B-14 (4-B) Left bank heated oxygen sensor (Front)
 B-15 (3-B) Ignition coil 6
 B-16 (1) Engine oil pressure switch

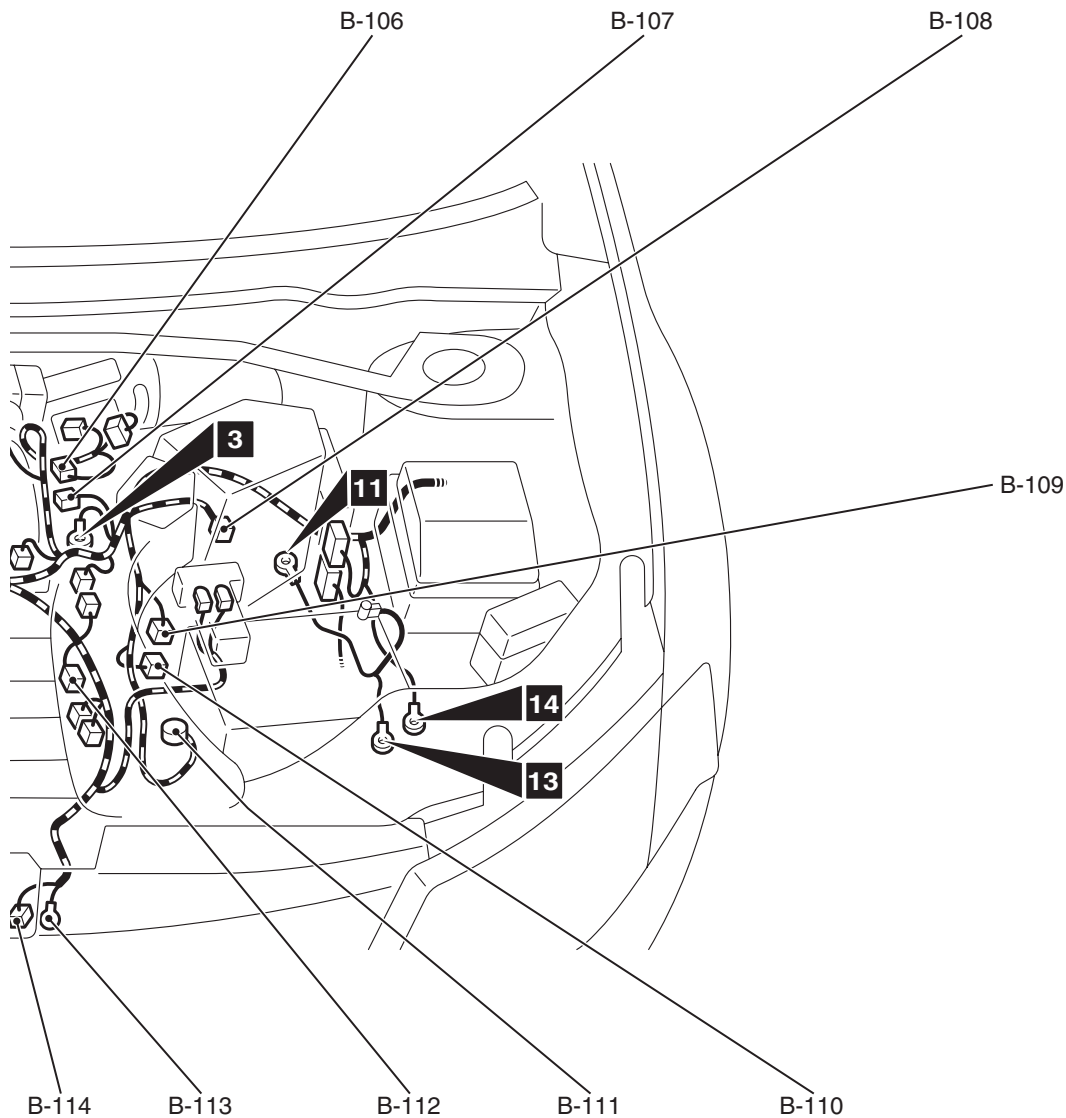
B-17 (1-B) A/C compressor assembly
 B-18 (3-B) Ignition coil 4
 B-19 (3-B) Ignition coil 2
 B-20 (2-B) Knock sensor 2
 B-21 (10-B) Control wiring harness and injector wiring harness combination

ENGINE AND TRANSAXLE (CONTINUED)



B-101	(2-GR)	Injector 1
B-102	(3-B)	Power steering pressure sensor
B-103	(2-GR)	Injector 3
B-104	(2-GR)	Injector 5
B-105	(3-B)	Manifold absolute pressure sensor
B-106	(2-B)	Engine oil control valve

B-107	(1-B)	Engine oil pressure switch (for engine oil control valve)
B-108	(3-B)	Output shaft speed sensor
B-109	(3-B)	Input shaft speed sensor
B-110	(10-B)	Transmission range switch
B-111	(22-B)	A/T control solenoid valve assembly

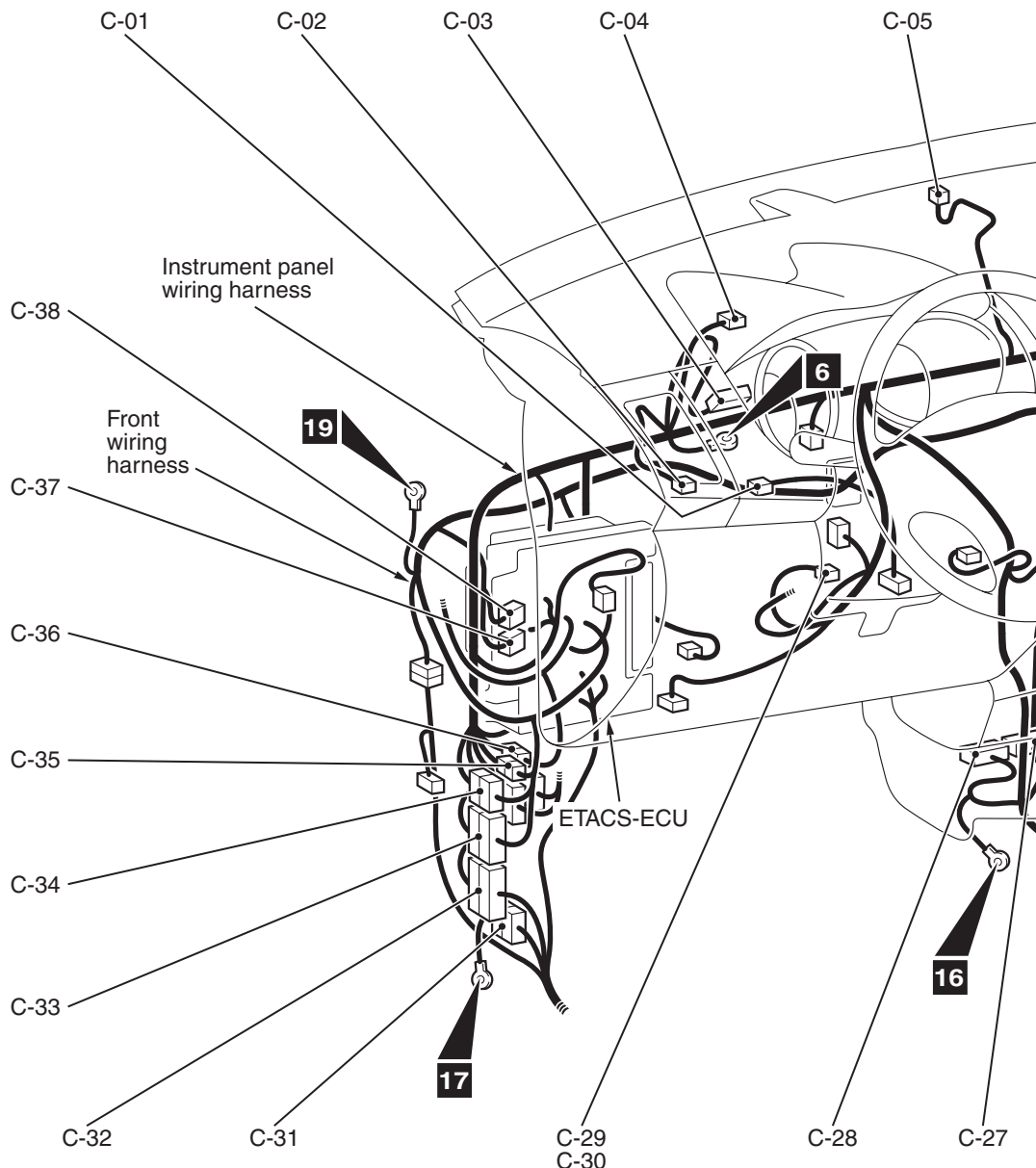


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B-112 (3-GR) Camshaft position sensor
 B-113 (1) Starter
 B-114 (1-B) Starter
 B-115 (2-GR) Injector 6
 B-116 (2-GR) Injector 4
 B-117 (1) Generator

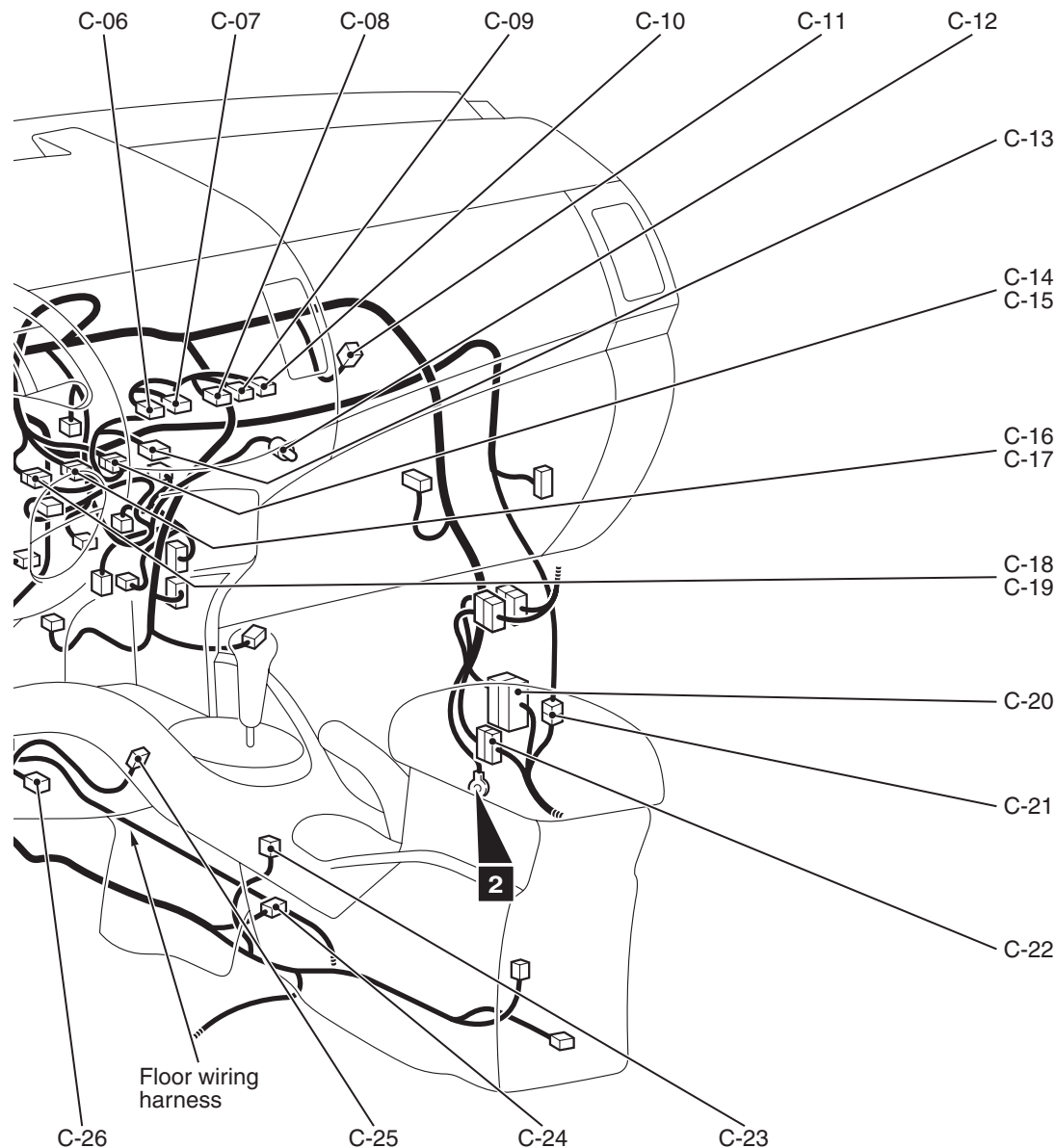
B-118 (4-GR) Generator
 B-119 (3-GR) Crankshaft position sensor
 B-120 (2-GR) Injector 2
 B-121 (2-B) Variable intake air control solenoid valve

DASH PANEL

Connector
symbol**C** -01
thru
-38Connector color
codeB : Black
BR : Brown
G : Green
GR : Gray
L : Blue
None : Milk white
O : Orange
R : Red
V : Violet
Y : Yellow

C-01	(24)	J/C (CAN3)
C-02	(4)	Meter information switch
C-03	(24)	Combination meter
C-04	(24)	J/C (CAN2)
C-05	(5)	Photo sensor
C-06	(7)	Audio visual navigation unit
C-07	(32)	Audio visual navigation unit
C-08	(3)	Audio visual navigation unit
C-09	(5)	Audio visual navigation unit
C-10	(18)	Audio visual navigation unit
C-11	(4-Y)	Passenger's (Front) air bag module (squib)
C-12	(2-B)	Glove box light
C-13	(10)	CAN box unit
C-14	(18)	Radio, CD player or CD changer

C-15	(18)	Instrument panel wiring harness and audio navigation display wiring harness combination
C-16	(20)	Radio, CD player or CD changer
C-17	(20)	Instrument panel wiring harness and audio navigation display wiring harness combination
C-18	(24)	Radio, CD player or CD changer
C-19	(24)	Instrument panel wiring harness and audio navigation display wiring harness combination
C-20	(20)	Instrument panel wiring harness and floor wiring harness combination
C-21	(4)	Front wiring harness and floor wiring harness combination



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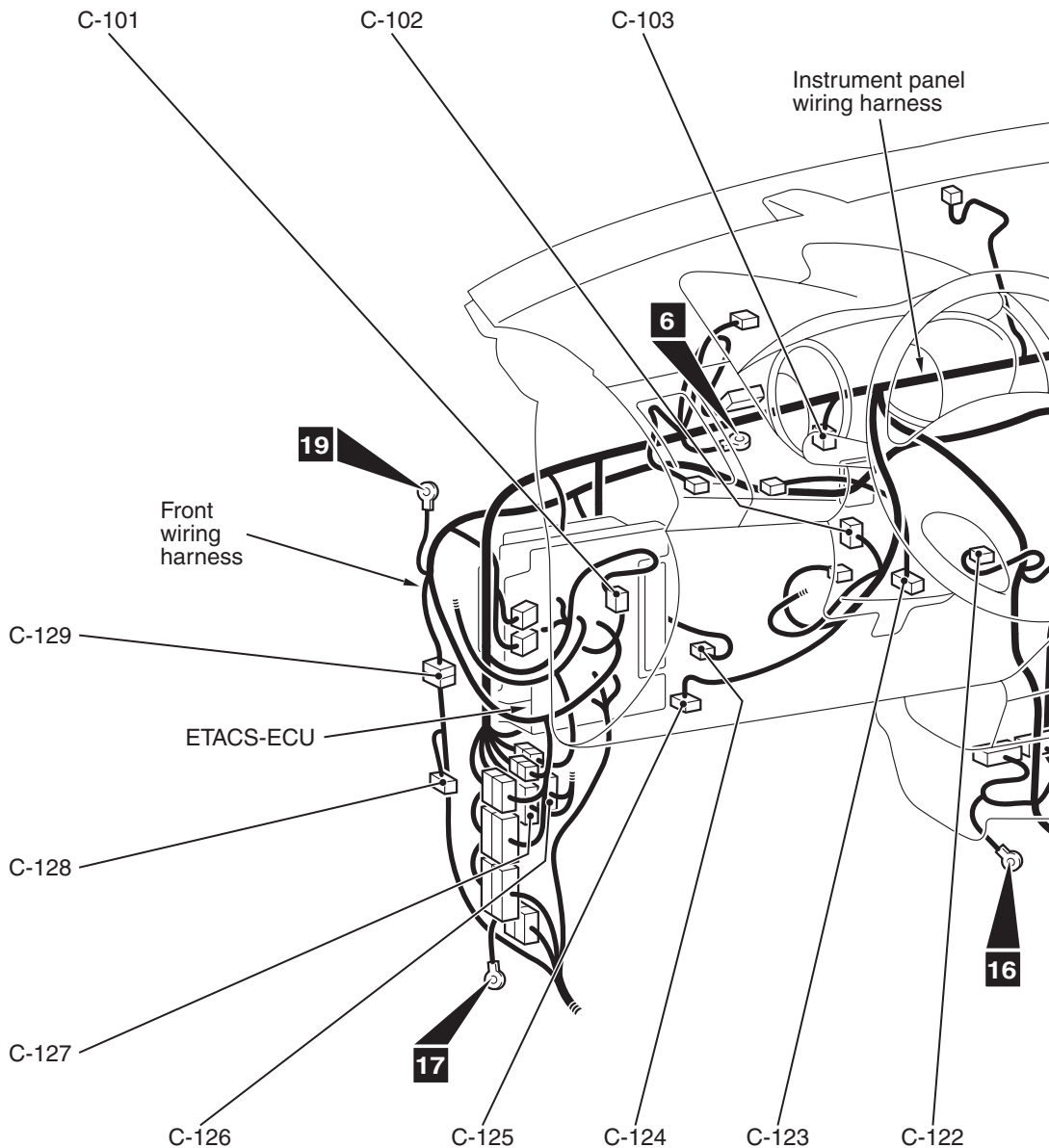
C-22	(24)	Instrument panel wiring harness and floor wiring harness combination
C-23	(5)	Drive mode selector
C-24	(10)	Shift switch assembly
C-25	(2)	Accessory socket 2
C-26	(6-B)	G and yaw rate sensor
C-27	(32-Y)	SRS-ECU
C-28	(24-Y)	SRS-ECU
C-29	(12)	Wireless control module <Vehicles without KOS>
C-30	(12)	Receiver antenna module <Vehicles with KOS>
C-31	(24)	Instrument panel wiring harness and floor wiring harness combination

C-32	(20)	Instrument panel wiring harness and floor wiring harness combination
C-33	(22)	Instrument panel wiring harness and front wiring harness combination
C-34	(16-BR)	Instrument panel wiring harness and front wiring harness combination
C-35	(2)	Instrument panel wiring harness and front wiring harness combination
C-36	(12)	Instrument panel wiring harness and roof wiring harness combination
C-37	(22)	Transmission control module
C-38	(26)	Transmission control module

DASH PANEL (CONTINUED)

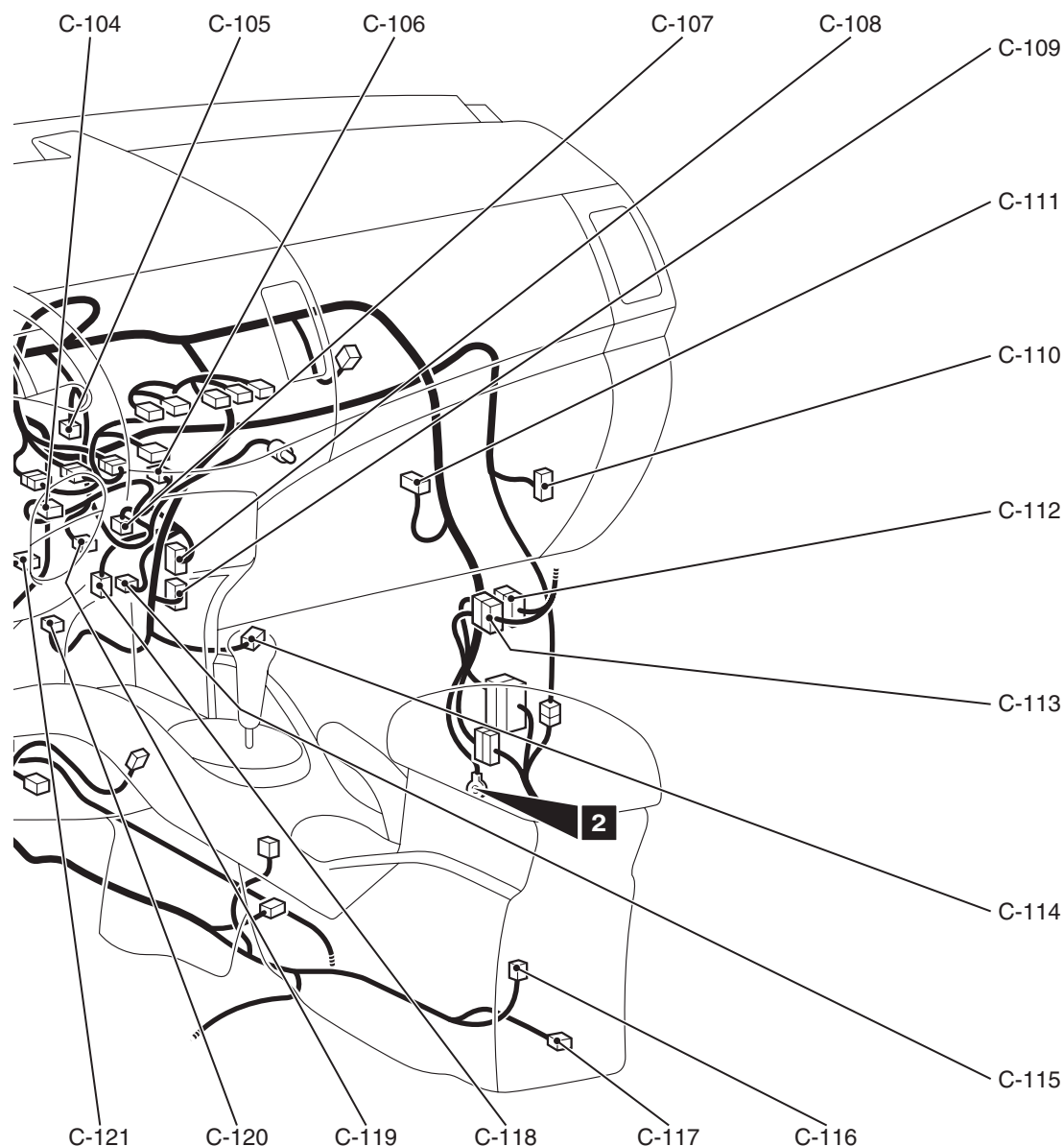
Connector
symbol**C** -101
thru
-129Connector color
code

B : Black
 BR : Brown
 G : Green
 GR : Gray
 L : Blue
 None : Milk white
 O : Orange
 R : Red
 V : Violet
 Y : Yellow



C-101 (6)	ASC off switch
C-102 (40)	KOS-ECU
C-103 (24)	J/C (CAN 1)
C-104 (16)	Center panel unit
C-105 (2)	Radio antenna
C-106 (5)	Outside/inside air selection damper control motor
C-107 (5)	Mode selection damper control motor
C-108 (16-B)	A/C-ECU
C-109 (20-B)	A/C-ECU

C-110 (24)	Headlight automatic leveling-ECU
C-111 (14)	Satellite radio tuner
C-112 (12)	Instrument panel wiring harness and front door wiring harness (RH) combination
C-113 (24-BR)	Instrument panel wiring harness and front door wiring harness (RH) combination
C-114 (2)	Blower motor
C-115 (5)	Air mixing damper control motor

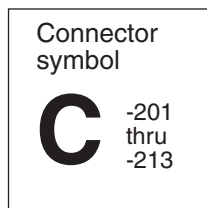


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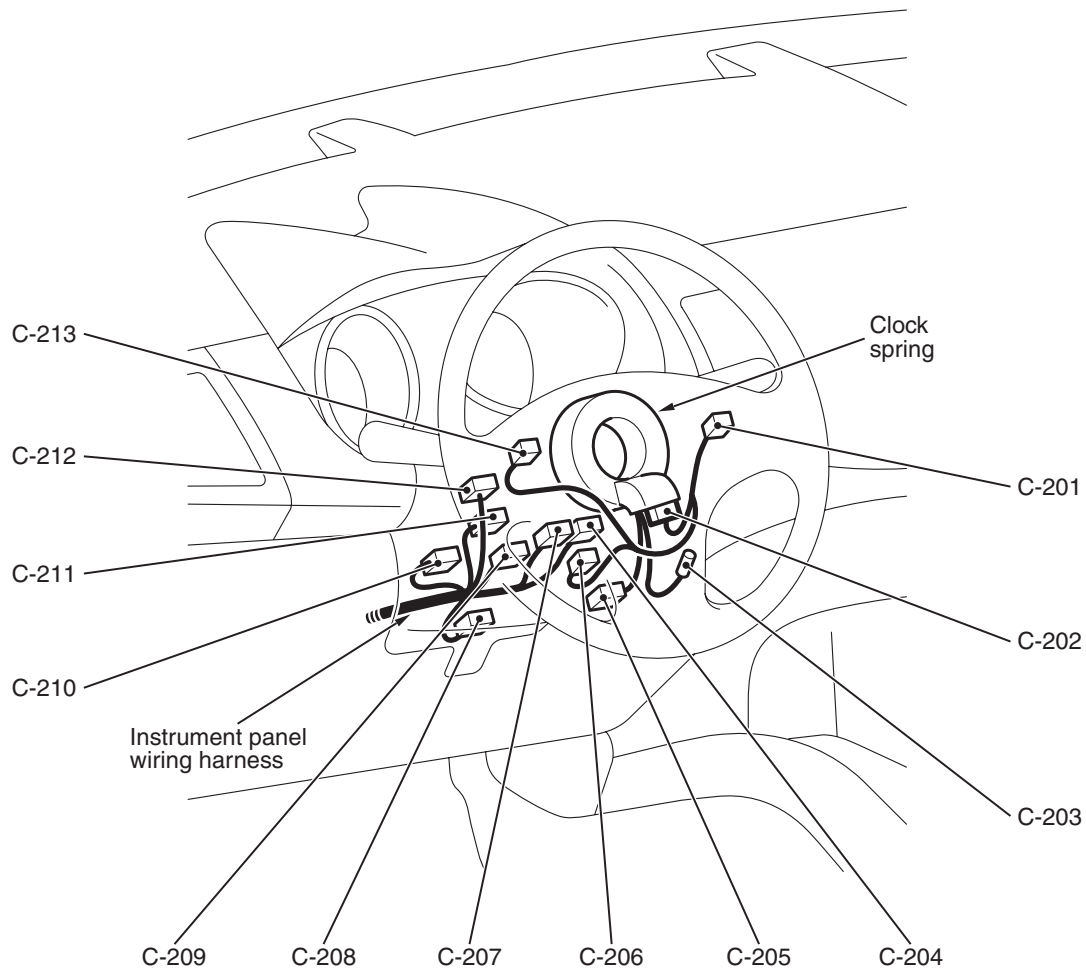
C-116 (2)	Accessory socket 3
C-117 (6-B)	Audio and video adapter
C-118 (2)	Air thermo sensor
C-119 (12)	A/C control panel
C-120 (4)	Power transistor
C-121 (24)	Hands free module
C-122 (2)	Interior temperature sensor
C-123 (6-B)	Accelerator pedal position sensor
C-124 (4)	Stoplight switch
C-125 (16-B)	Data link connector

C-126 (12)	Instrument panel wiring harness and front door wiring harness (LH) combination
C-127 (24-BR)	Instrument panel wiring harness and front door wiring harness (LH) combination
C-128 (16)	AWD-ECU
C-129 (22)	Front wiring harness and floor wiring harness combination

DASH PANEL (CONTINUED)



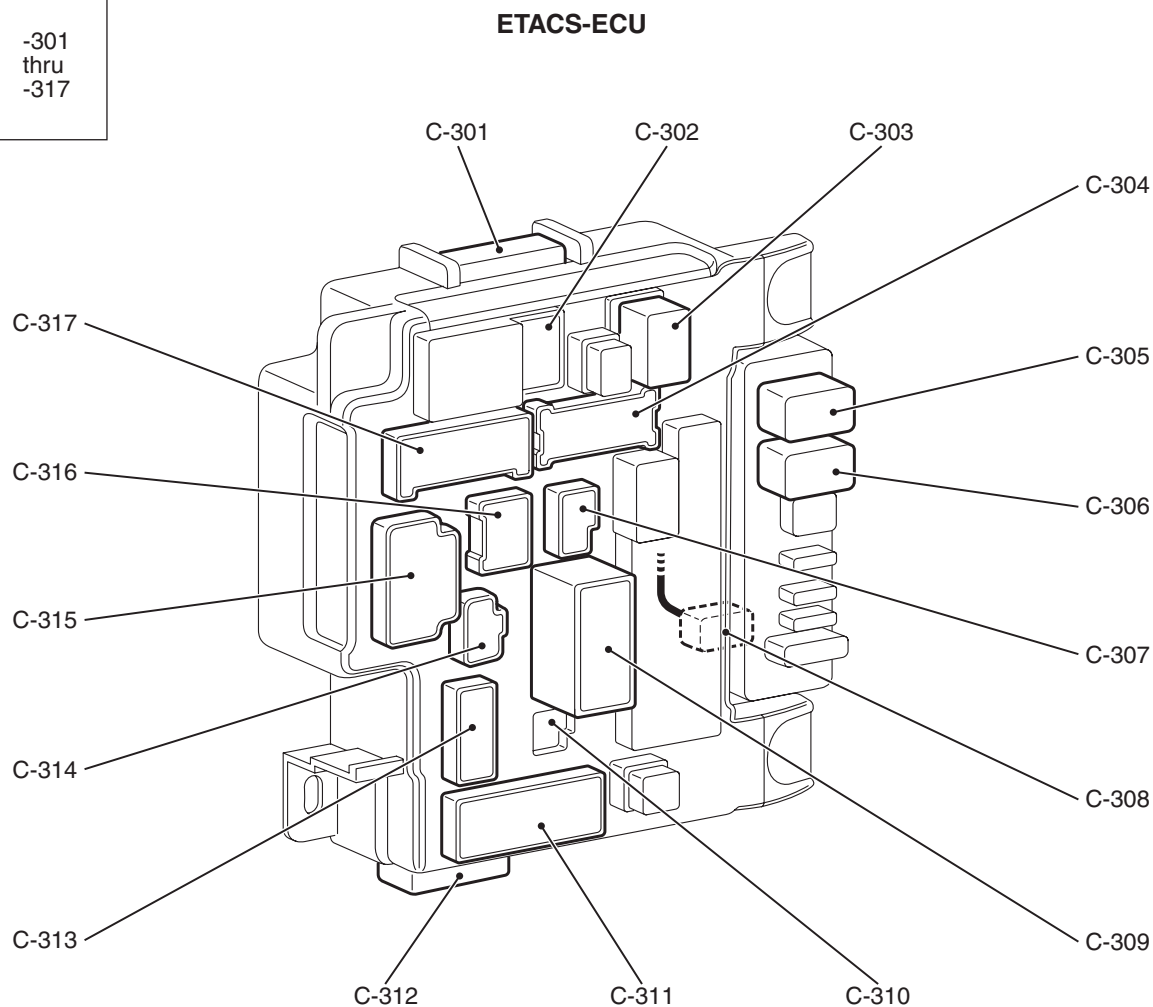
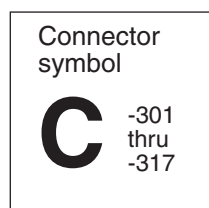
Steering column



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C-201 (4-L)	Auto-cruise control switch	C-207 (4-Y)	Clock spring
C-202 (5)	Clock spring and steering sub wiring harness combination	C-208 (3)	Paddle shift switch
C-203 (1)	Horn switch	C-209 (5)	Steering wheel sensor
C-204 (6)	Clock spring	C-210 (6)	Ignition switch
C-205 (4-Y)	Driver's air bag module (squib)	C-211 (12)	Key reminder switch
C-206 (4-Y)	Steering voice control switch	C-212 (10)	Column switch
		C-213 (5-R)	Steering audio switch

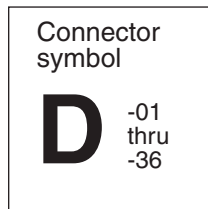
DASH PANEL (CONTINUED)



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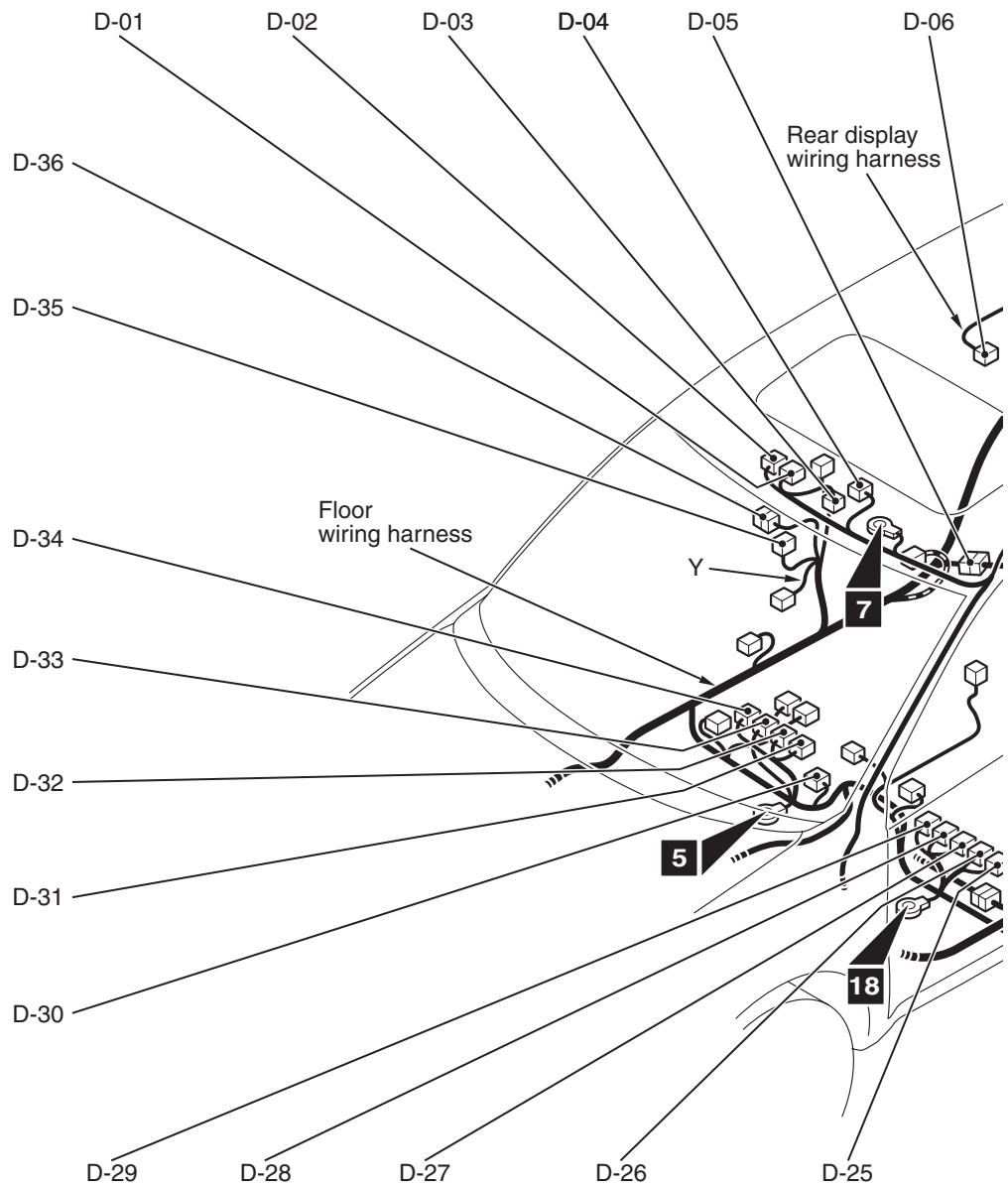
C-301 (24)	Instrument panel wiring harness and ETACS-ECU combination	C-311 (20)	Floor wiring harness and ETACS-ECU combination
C-302 (4)	No connection	C-312 (16)	Front wiring harness and ETACS-ECU combination
C-303 (4)	Blower relay	C-313 (16-BR)	Floor wiring harness and ETACS-ECU combination
C-304 (16)	Front wiring harness and ETACS-ECU combination	C-314 (2)	Floor wiring harness and ETACS-ECU combination
C-305 (4)	Heated seat relay	C-315 (19)	Instrument panel wiring harness and ETACS-ECU combination
C-306 (4)	Rear window defogger relay	C-316 (6)	Roof wiring harness and ETACS-ECU combination
C-307 (2-B)	Front wiring harness and ETACS-ECU combination	C-317 (15)	Instrument panel wiring harness and ETACS-ECU combination
C-308 (1-GR)	Instrument panel wiring harness and ETACS-ECU combination		
C-309 (2-B)	Front wiring harness and ETACS-ECU combination		
C-310 (4)	No connection		

FLOOR AND ROOF



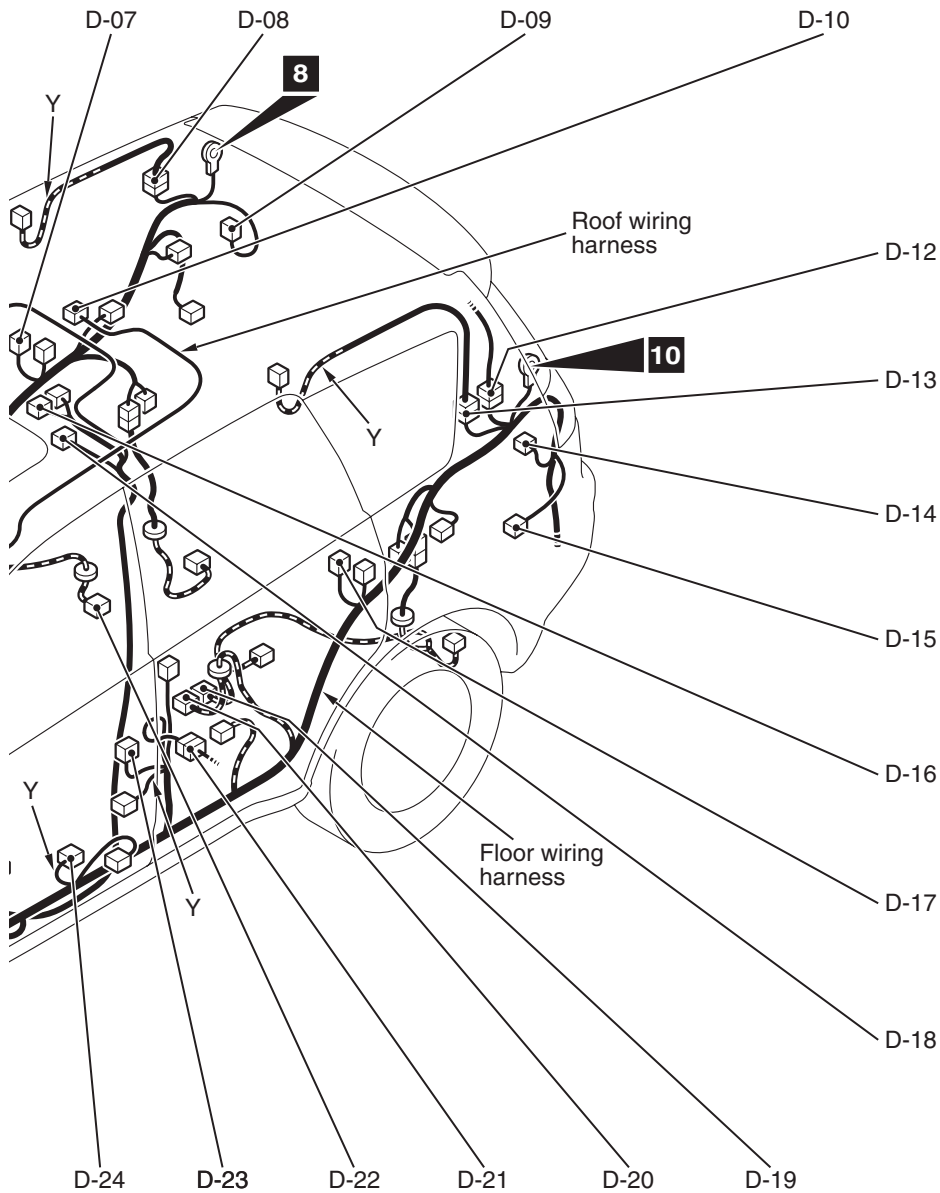
Connector color code

B : Black
BR : Brown
G : Green
GR : Gray
L : Blue
None : Milk white
O : Orange
R : Red
V : Violet
Y : Yellow



D-01	(3)	Microphone unit
D-02	(3)	Front dome light
D-03	(6-B)	Sunroof switch
D-04	(10-GR)	Sunroof motor assembly
D-05	(2)	Floor wiring harness and fuel wiring harness combination
D-06	(22-L)	Rear display unit
D-07	(3)	Rear door switch (RH)
D-08	(2-Y)	Floor wiring harness and curtain air bag wiring harness (RH) combination
D-09	(4)	Rear combination light (RH)

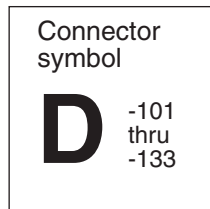
D-10	(2-GR)	Rear dome light
D-12	(14)	Floor wiring harness and liftgate wiring harness combination
D-13	(2-Y)	Floor wiring harness and curtain air bag wiring harness (LH) combination
D-14	(4)	Rear combination light (LH)
D-15	(4-B)	Sub woofer
D-16	(10)	Rear display unit
D-17	(3)	Rear door switch (LH)
D-18	(4)	Spare connector (for rear display)



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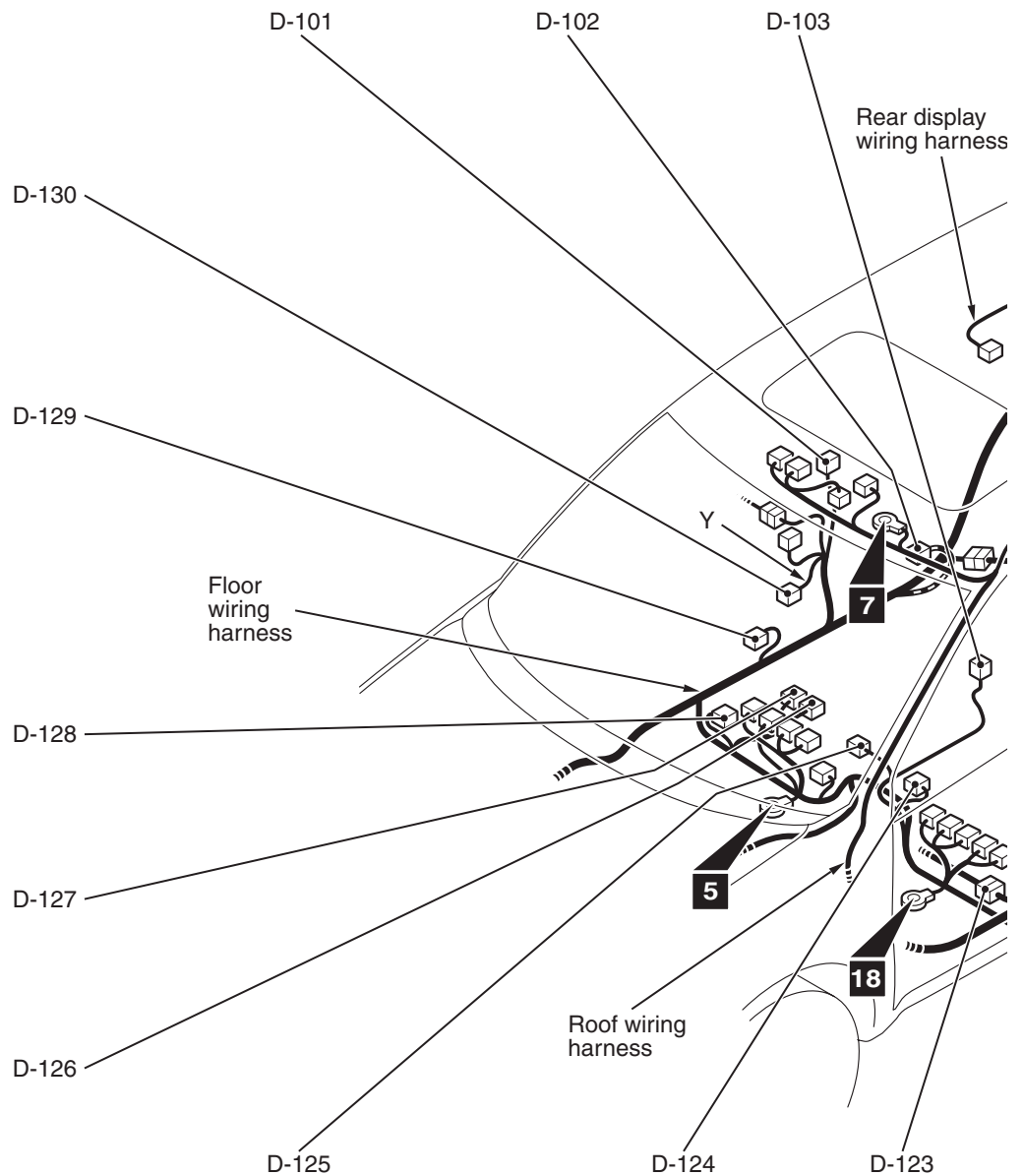
D-19	(3-B)	Fuel tank differential pressure sensor	D-29	(2-Y)	Side-airbag module (squib) (LH)
D-20	(5-GR)	Fuel pump module	D-30	(4-B)	Center exhaust pipe heated oxygen sensor
D-21	(10)	Floor wiring harness and rear door wiring harness (LH) combination	D-31	(2-Y)	Side-airbag module (squib) (RH)
D-22	(2)	Fuel level sensor (sub)	D-32	(2-B)	Seat belt switch (Passenger's side)
D-23	(3)	Front door switch (LH)	D-33	(4-B)	Heated seat assembly (RH)
D-24	(2-B)	Lap pre-tensioner	D-34	(6)	Occupant classification-ECU
D-25	(2)	Power seat assembly	D-35	(3)	Front door switch (RH)
D-26	(4-B)	Heated seat assembly (LH)	D-36	(10)	Floor wiring harness and rear door wiring harness (RH) combination
D-27	(2-GR)	Seat slide sensor			
D-28	(4-B)	Seat belt switch (Driver's side)			

FLOOR AND ROOF (CONTINUED)



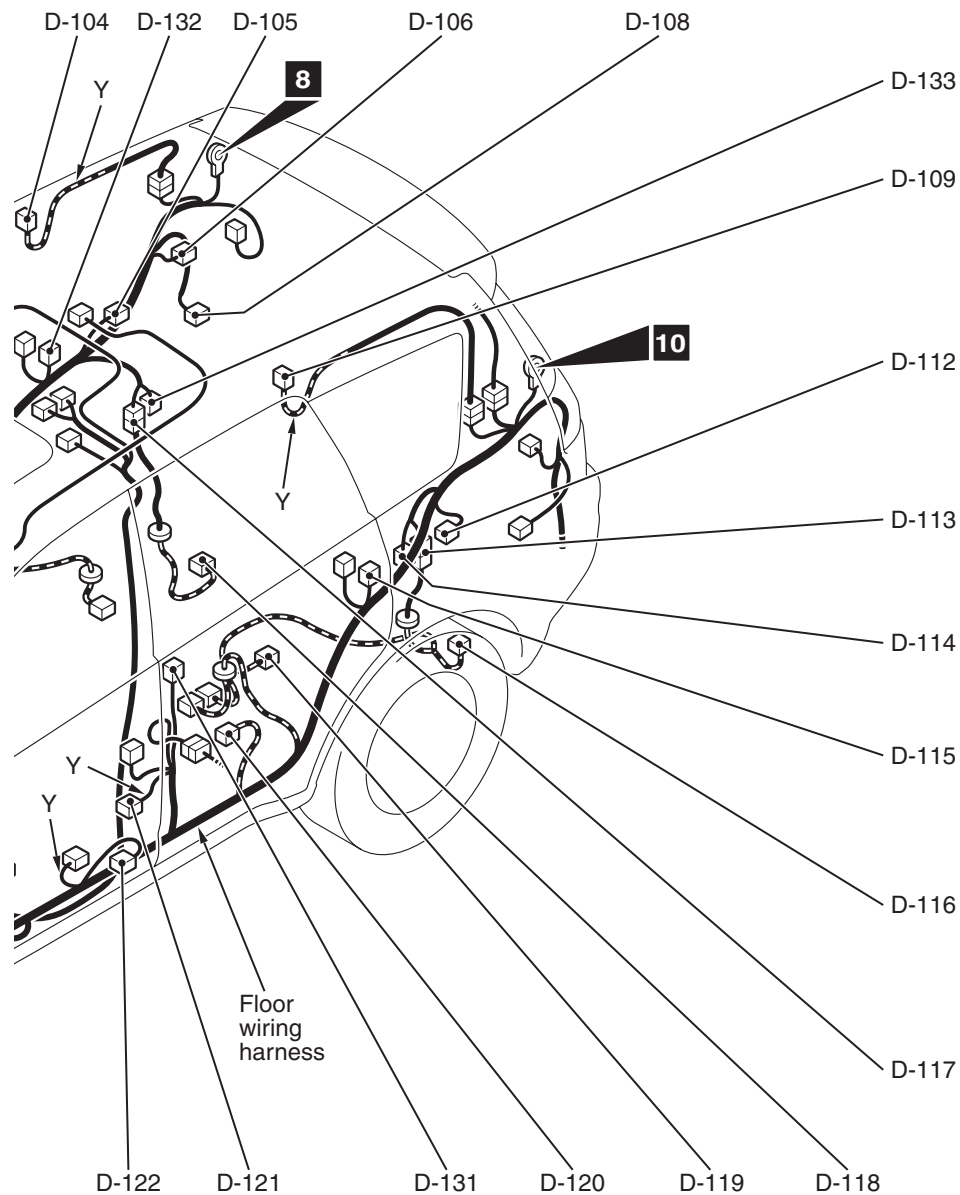
Connector color code

B : Black
BR : Brown
G : Green
GR : Gray
L : Blue
None : Milk white
O : Orange
R : Red
V : Violet
Y : Yellow



D-101 (3)	Outside transmission antenna assembly (Passenger's side)
D-102 (6-B)	Foot light (RH)
D-103 (3)	AC outlet
D-104 (2-B)	Curtain air bag module (squib) (RH)
D-105 (10)	Spare connector (for switch box)
D-106 (3)	Inside transmission antenna assembly (Rear: Passenger's side)
D-108 (2)	Accessory socket 1
D-109 (2-B)	Curtain air bag module (squib) (LH)
D-112 (3)	Inside transmission antenna assembly (Rear: Driver's side)

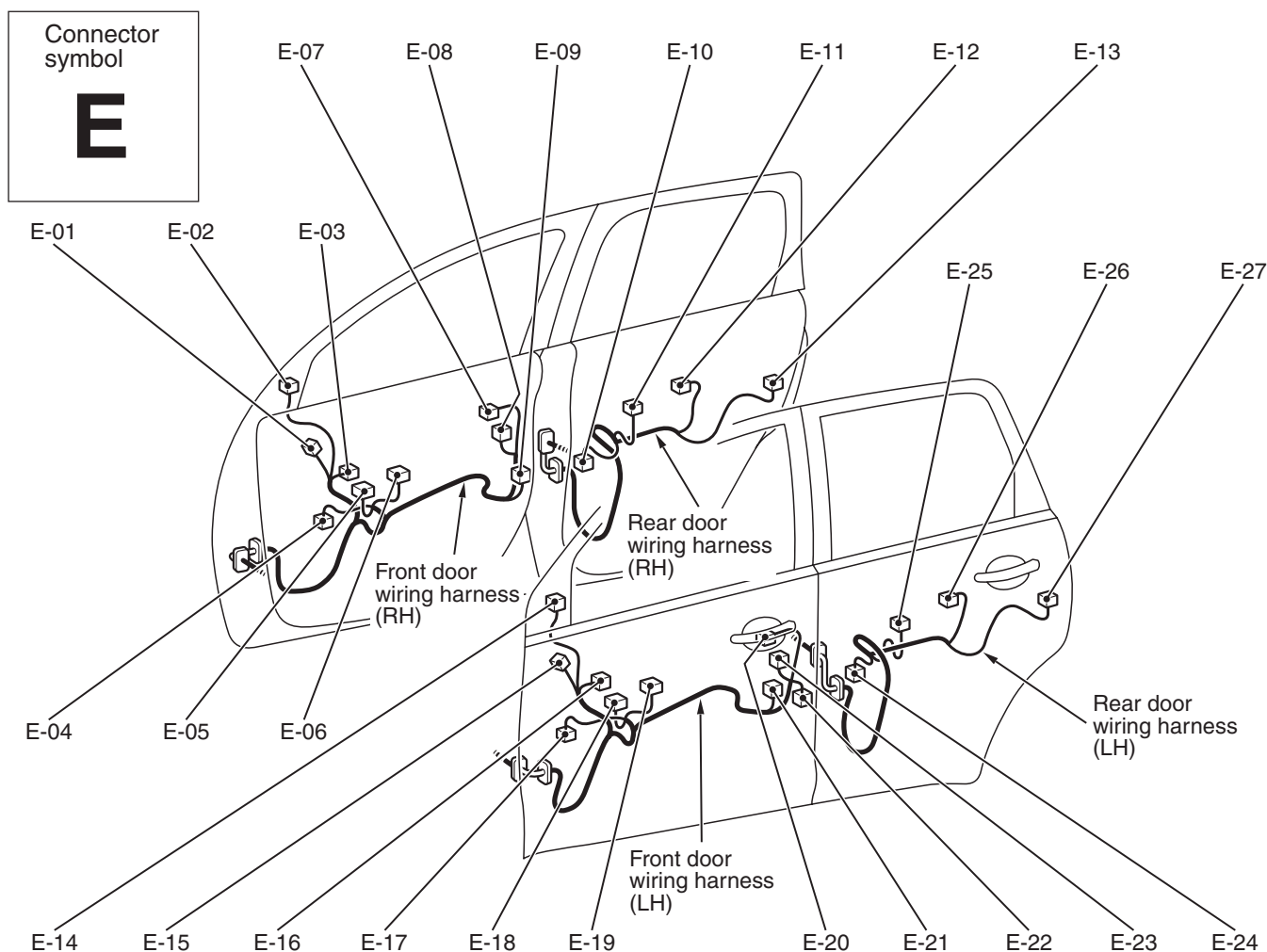
D-113 (4)	Floor wiring harness and evaporative emission ventilation solenoid sub wiring harness combination
D-114 (2-B)	Rear wheel speed sensor (LH)
D-115 (4-Y)	Side impact sensor (Rear: LH)
D-116 (2-B)	Evaporative emission ventilation solenoid
D-117 (3)	Floor wiring harness and rear height sensor sub wiring harness combination <Headlight automatic leveling system>



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D-118 (3)	Rear height sensor <Headlight automatic leveling system>	D-125 (1-B)	Parking brake switch
D-119 (2)	Electronic control coupling solenoid <AWD>	D-126 (18)	Audio amplifier
D-120 (6-B)	Foot light (LH)	D-127 (14)	Audio amplifier
D-121 (2-B)	Seat belt pre-tensioner (LH)	D-128 (12)	AC inverter
D-122 (4-Y)	Side impact sensor (Front: LH)	D-129 (4-Y)	Side impact sensor (Front: RH)
D-123 (24)	Instrument panel wiring harness and rear display wiring harness combination	D-130 (2-B)	Seat belt pre-tensioner (RH)
D-124 (3)	Inside transmission antenna assembly (Front)	D-131 (3)	Outside transmission antenna assembly (Driver's side)
		D-132 (4-Y)	Side impact sensor (Rear: RH)
		D-133 (2-B)	Rear wheel speed sensor (RH)

DOOR

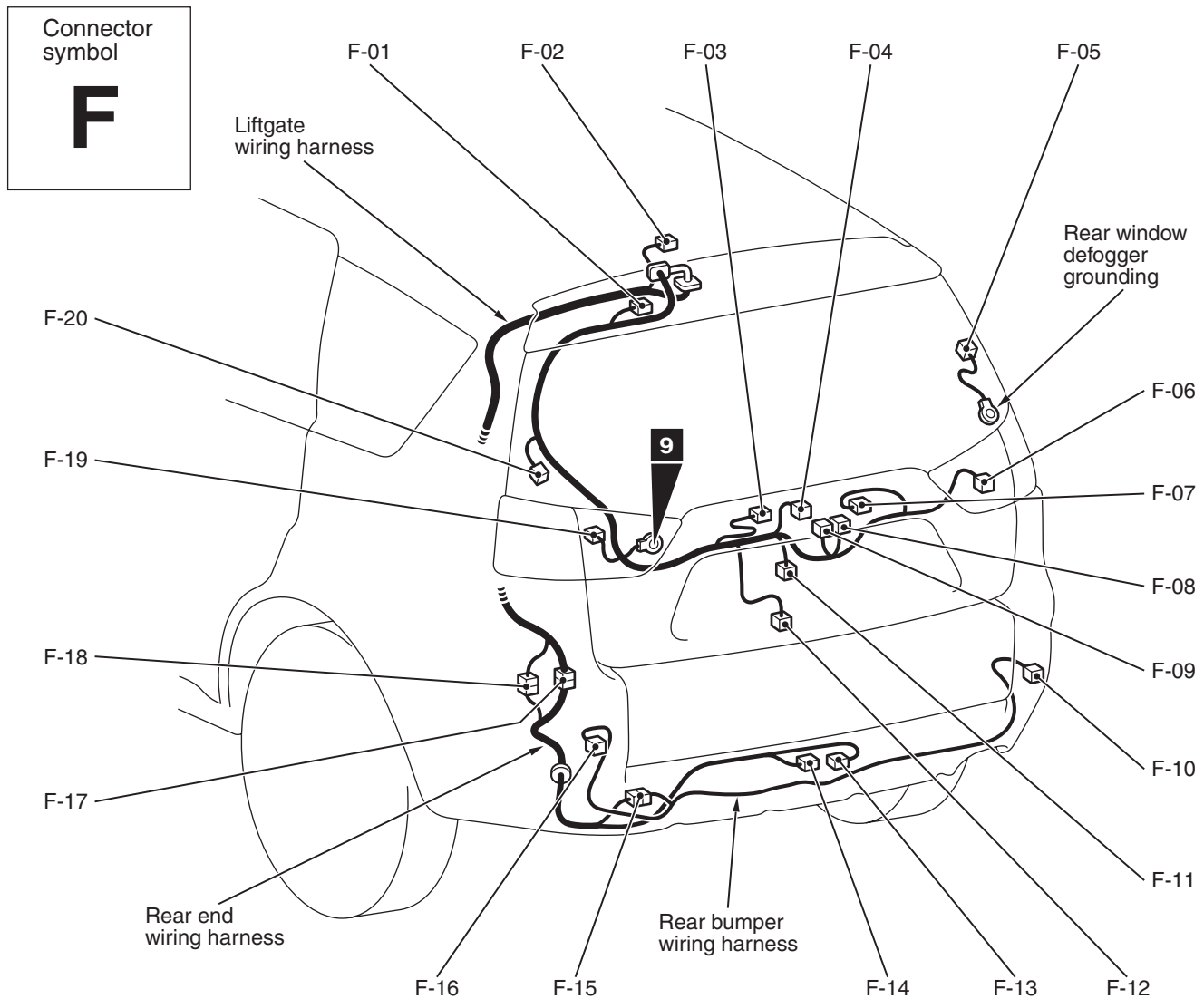


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E-01	(7)	Door mirror assembly (RH)
E-02	(2-B)	Tweeter (RH)
E-03	(6-GR)	Front power window motor (RH)
E-04	(2)	Front door speaker (RH)
E-05	(4)	Front power window sub switch
E-06	(8)	Front power window sub switch
E-07	(6)	Unlock sensor (Front door: RH)
E-08	(2-GR)	Lock switch (Front door: RH)
E-09	(6-B)	Front door lock actuator (RH)
E-10	(2)	Rear door speaker (RH)
E-11	(8)	Rear power window sub switch (RH)
E-12	(6-GR)	Rear power window motor (RH)
E-13	(6-B)	Rear door lock actuator (RH)
E-14	(2-B)	Tweeter (LH)

E-15	(7)	Door mirror assembly (LH)
E-16	(6-GR)	Front power window motor (LH)
E-17	(2)	Front door speaker (LH)
E-18	(11-L)	Remote controlled mirror switch
E-19	(19)	Power window main switch
E-20	(6)	Unlock sensor (Front door: LH)
E-21	(6-B)	Front door lock actuator (LH)
E-22	(3-B)	Door lock key cylinder switch
E-23	(2-GR)	Lock switch (Front door: LH)
E-24	(2)	Rear door speaker (LH)
E-25	(8)	Rear power window sub switch (LH)
E-26	(6-GR)	Rear power window motor (LH)
E-27	(6-B)	Rear door lock actuator (LH)

LIFTGATE



ZC6003300000

F-01	(2)	High-mounted stoplight
F-02	(2-GR)	Luggage compartment light
F-03	(2)	License plate light (LH)
F-04	(4)	Rear wiper motor
F-05	(1-B)	Rear window defogger (-)
F-06	(2)	Backup light (RH)
F-07	(2)	License plate light (RH)
F-08	(2)	Lock switch (Liftgate)
F-09	(2)	Liftgate lock release handle
F-10	(2)	Rear side marker light (RH)
F-11	(2-B)	Liftgate lock actuator
F-12	(1-B)	Liftgate switch

F-13	(2-GR)	Outer tone alarm
F-14	(3-GR)	Outside transmission antenna assembly (Liftgate)
F-15	(4-B)	Rear end wiring harness and rear bumper wiring harness combination
F-16	(2)	Rear side marker light (LH)
F-17	(16)	Floor wiring harness and rear end wiring harness combination
F-18	(6)	Floor wiring harness and rear end wiring harness combination
F-19	(2)	Backup light (LH)
F-20	(1-B)	Rear window defogger (+)

NOTES