
WIRING HARNESS CONFIGURATION DIAGRAMS

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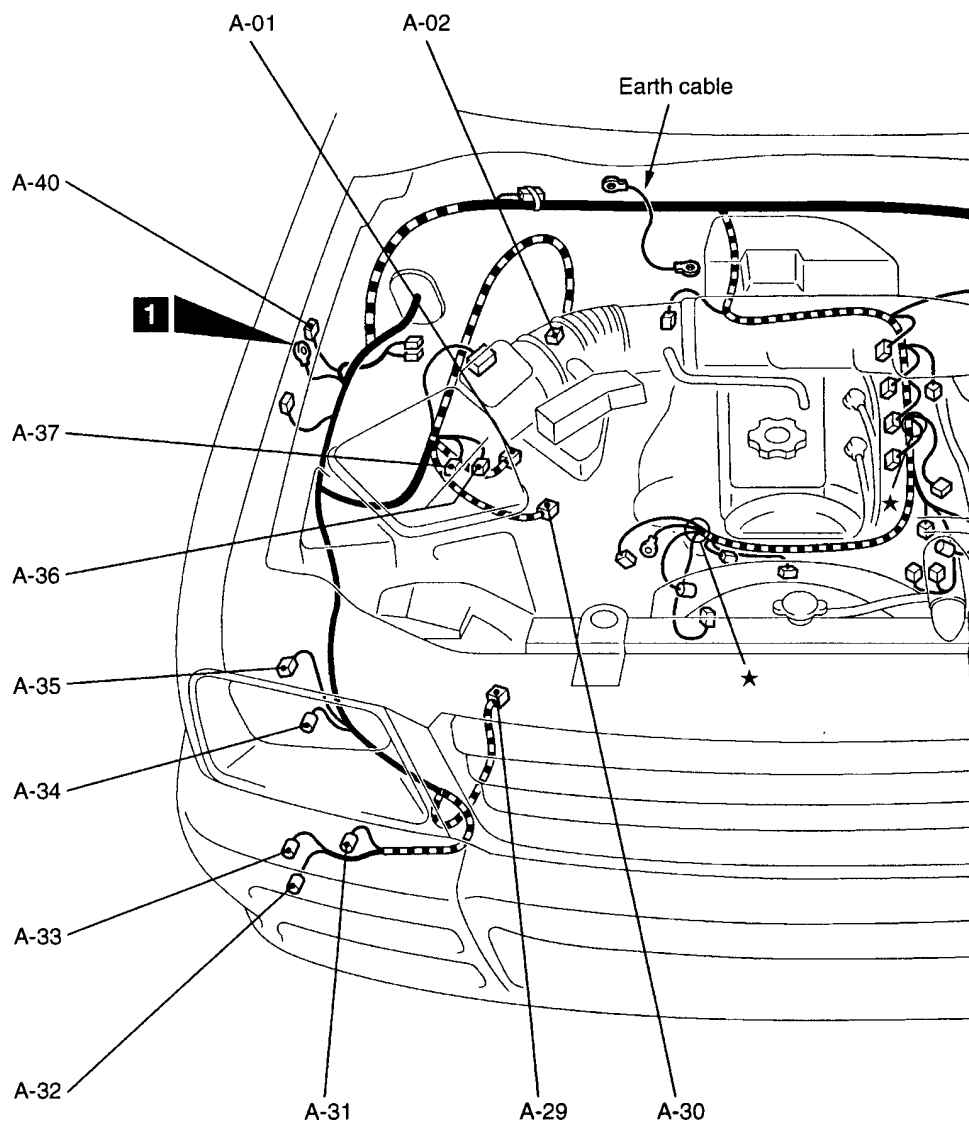
DASH PANEL

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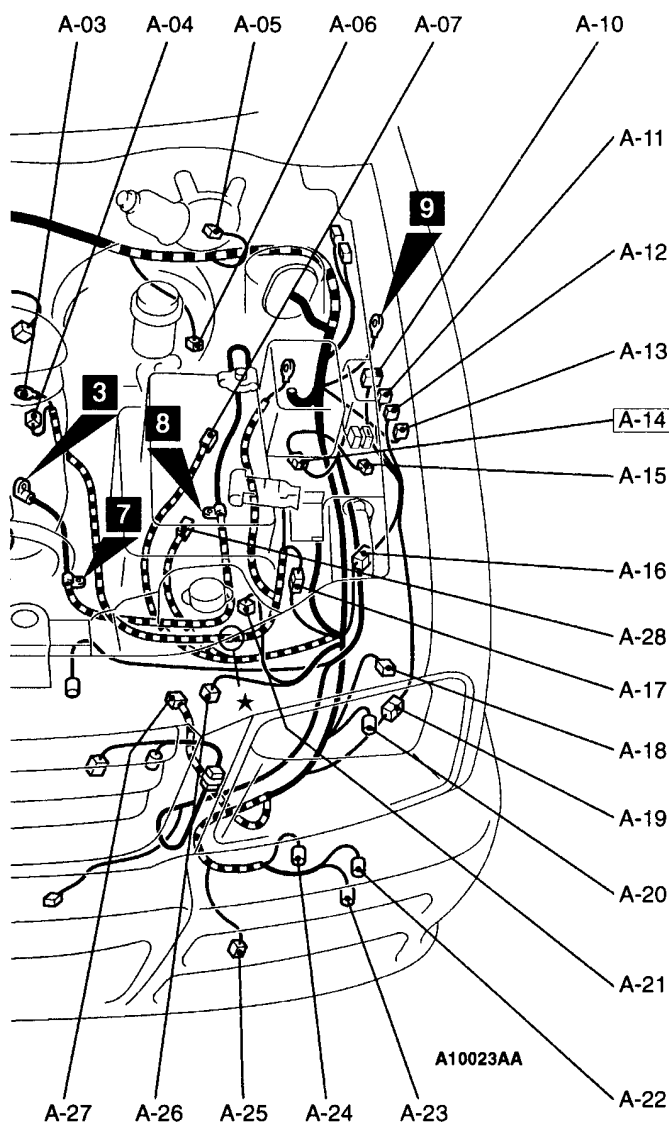
ENGINE COMPARTMENT

4G6

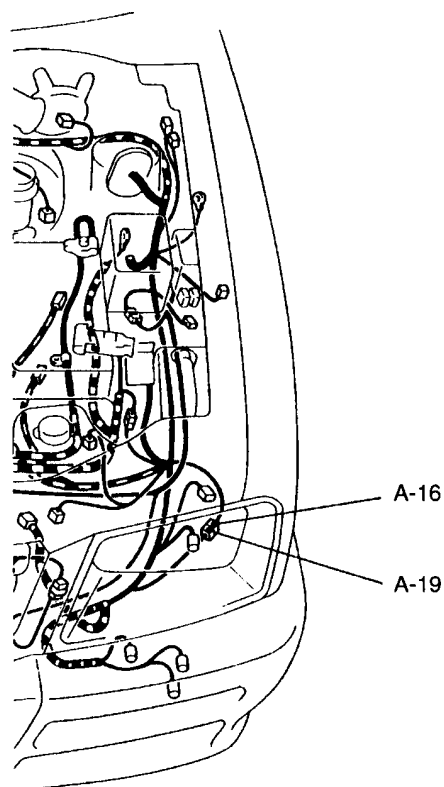
Connector
symbol**A**-01
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A-01 (2-B)	Wheel speed sensor (front: RH) <2WD-ABS>
A-02 (2-GR)	Free-wheeling hub engage switch <4WD>
A-03 (1)	Starter
A-04 (1-B)	Starter
A-05 (4-B)	Windshield wiper motor
A-06 (2-B)	Brake fluid level sensor
A-07 (2-B)	Wheel speed sensor (front: LH) <2WD-ABS>
A-10 (12-B)	DRL-ECU
A-11 (4-B)	DRL relay 2
A-12 (4-B)	DRL relay 1

A-13 (4-B)	Rear fog lamp relay
A-14 (10-B)	A/C wiring harness and front wiring harness combination <A/C>
A-15 (6-B)	Headlamp washer relay
A-16 (10-B)	DRL wiring harness or front wiring harness and front wiring harness com- bination
A-17 (1-B)	Battery cable wiring harness and front wiring harness combination
A-18 (3)	Headlamp leveling unit (LH)
A-19 (10-B)	DRL wiring harness or front wiring harness and front wiring harness com- bination



Vehicles without daytime running lamp



AW0440AA

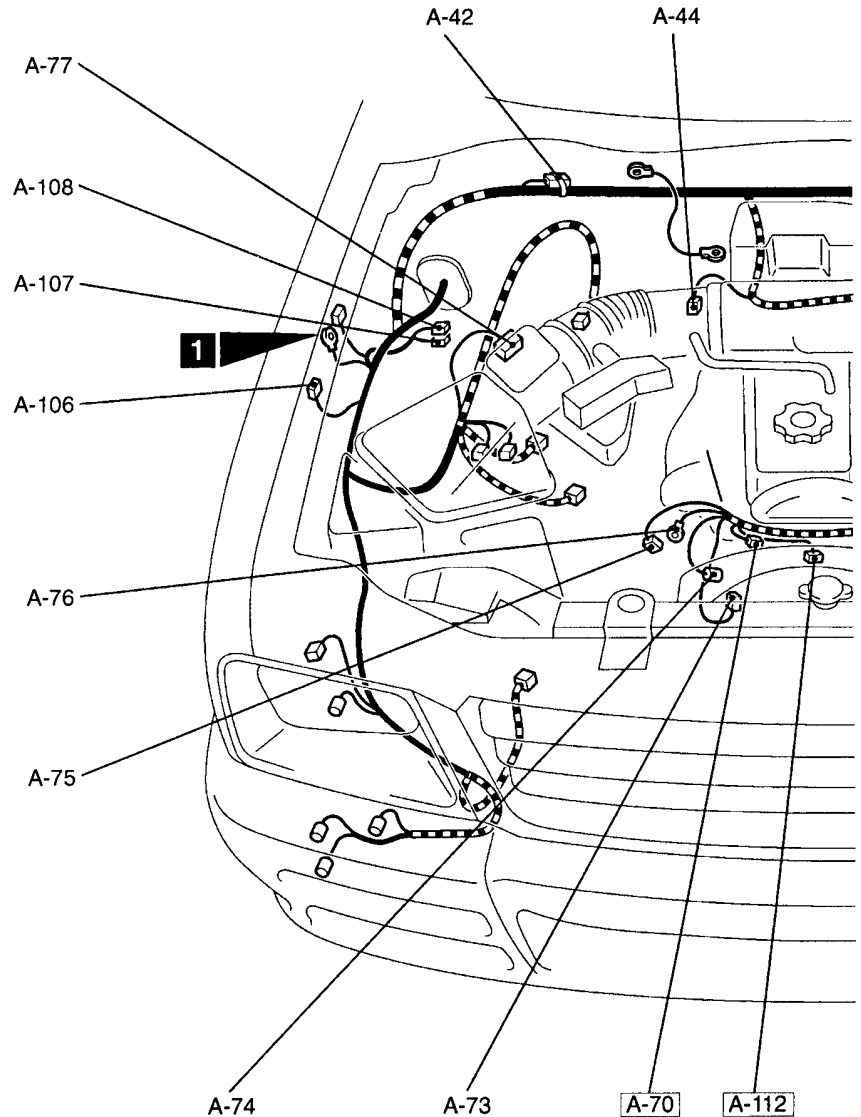
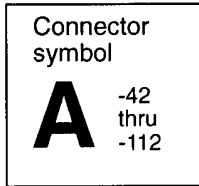
- A-20 (3-B) Headlamp (LH)
- A-21 (2-B) Headlamp washer motor
- A-22 (1) Horn (LO)
- A-23 (1) Horn (LO)
- A-24 (3-B) Front combination lamp (LH)
- A-25 (2-B) Outside thermo sensor or no connection
- A-26 (2-B) Windshield washer motor
- A-27 (2-R) Front impact sensor (LH) <SRS>
- A-28 (2-B) Wheel speed sensor (front: LH) <4WD-ABS>
- A-29 (2-R) Front impact sensor (RH) <SRS>
- A-30 (2-B) Wheel speed sensor (front: RH) <4WD-ABS>

- A-31 (3-B) Front combination lamp (RH)
- A-32 (1) Horn (HI)
- A-33 (1) Horn (HI)
- A-34 (3-B) Headlamp (RH)
- A-35 (3) Headlamp leveling unit (RH)
- A-36 (2-B) Solenoid valve 1 <4WD>
- A-37 (2-B) Solenoid valve 2 <4WD>
- A-40 (4-B) Horn relay <SRS>

NOTE

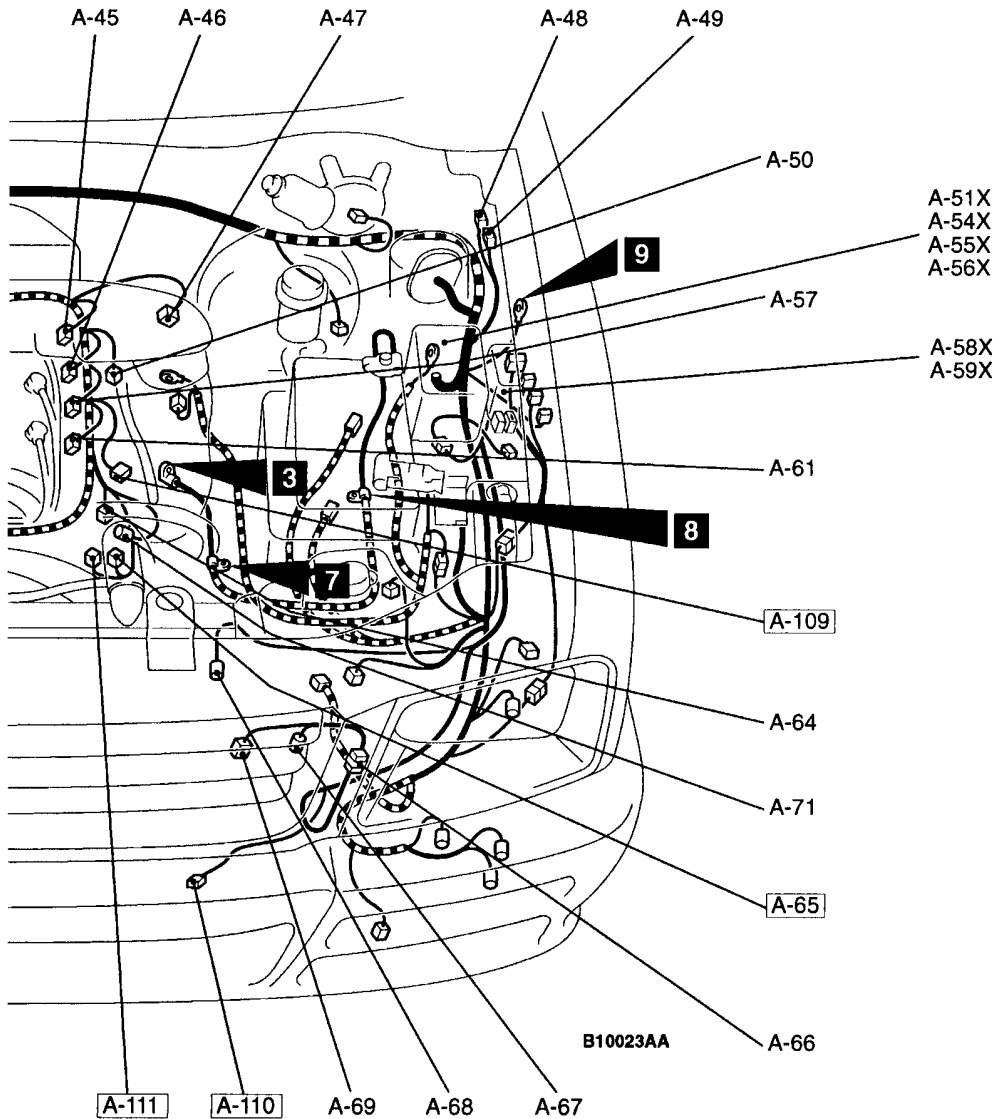
Connector numbers enclosed by a frame have been changed.

4G6



A-42 (1-BR) Ignition timing adjustment connector
 A-44 (1-B) Engine coolant temperature gauge unit
 A-45 (2-GR) Injector 4
 A-46 (2-GR) Injector 3
 A-47 (4-B) Throttle position sensor
 A-48 (2-B) Purge control solenoid valve
 A-49 (2-B) EGR solenoid valve
 A-50 (6-B) Idle speed control servo
 A-51X (4) Alternator relay
 A-51Y (5) Headlamp relay

A-55X (5) Tail lamp relay
 A-56X (2) Storage connector
 A-57 (2-GR) Injector 2
 A-58X (4) A/C compressor relay
 A-59X (4) Condenser fan relay
 A-61 (2-GR) Injector 1
 A-64 (2-B) Engine coolant temperature sensor
 A-65 (2-B) Ignition coil 1
 A-66 (2) Capacitor <A/C>
 A-67 (2) Dual pressure switch <A/C>



A-68 (1) Magnetic clutch <A/C>
 A-69 (2) Condenser fan motor <A/C>
 A-70 (8-B) Power transistor
 A-71 (1-B) Capacitor
 A-73 (1-B) Oil pressure switch
 A-74 (1) Power steering oil pressure switch
 A-75 (2-B) Alternator
 A-76 (1) Alternator
 A-77 (8-B) Air flow sensor
 A-106 (4-B) ABS relay

A-107 (26-B) ABS-ECU
 A-108 (4-B) ABS-ECU
 A-109 (3-B) Crank angle sensor
 A-110 (2) Ambient temperature sensor
 A-111 (2-B) Ignition coil 2
 A-112 (3-B) Camshaft position sensor

NOTE

Connector numbers enclosed by a frame have been newly added or changed.

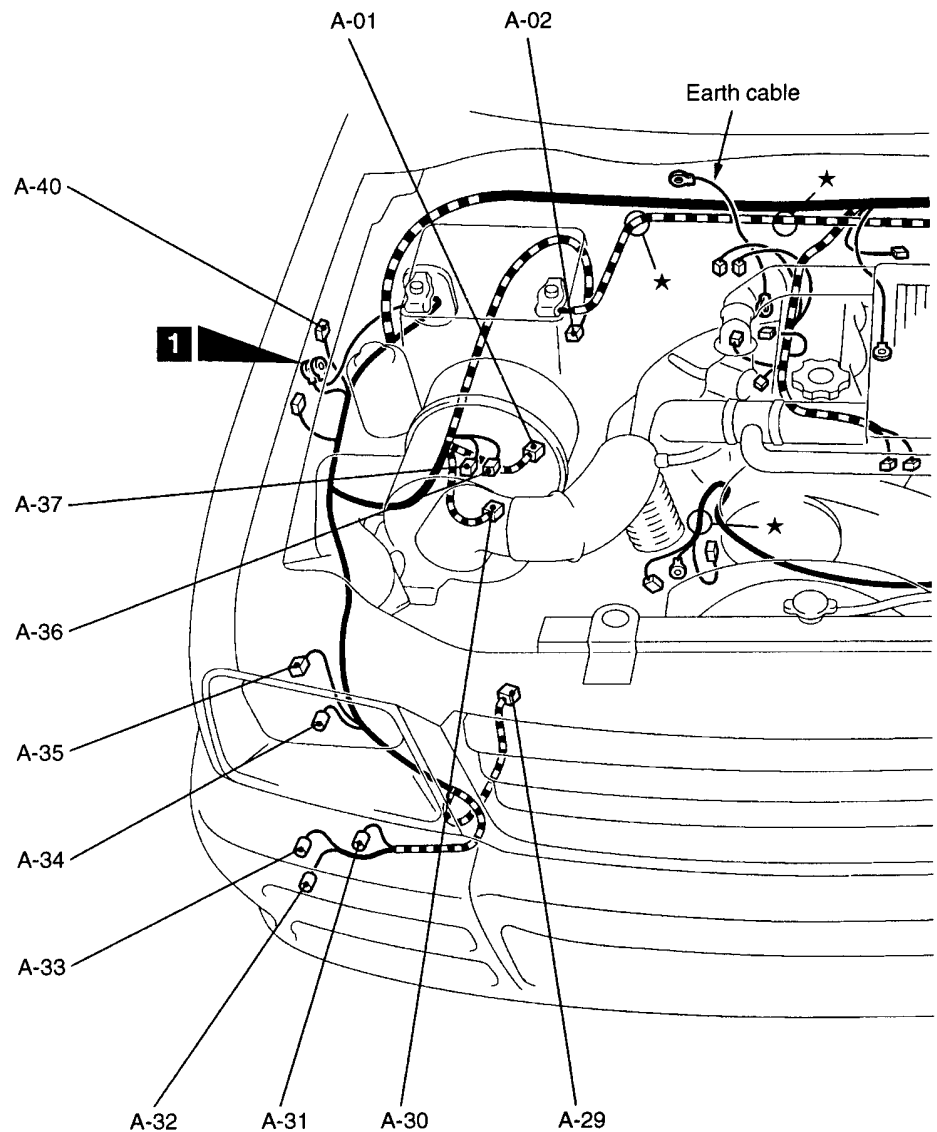
ENGINE COMPARTMENT

4D56-Step III <L.H. drive vehicles>

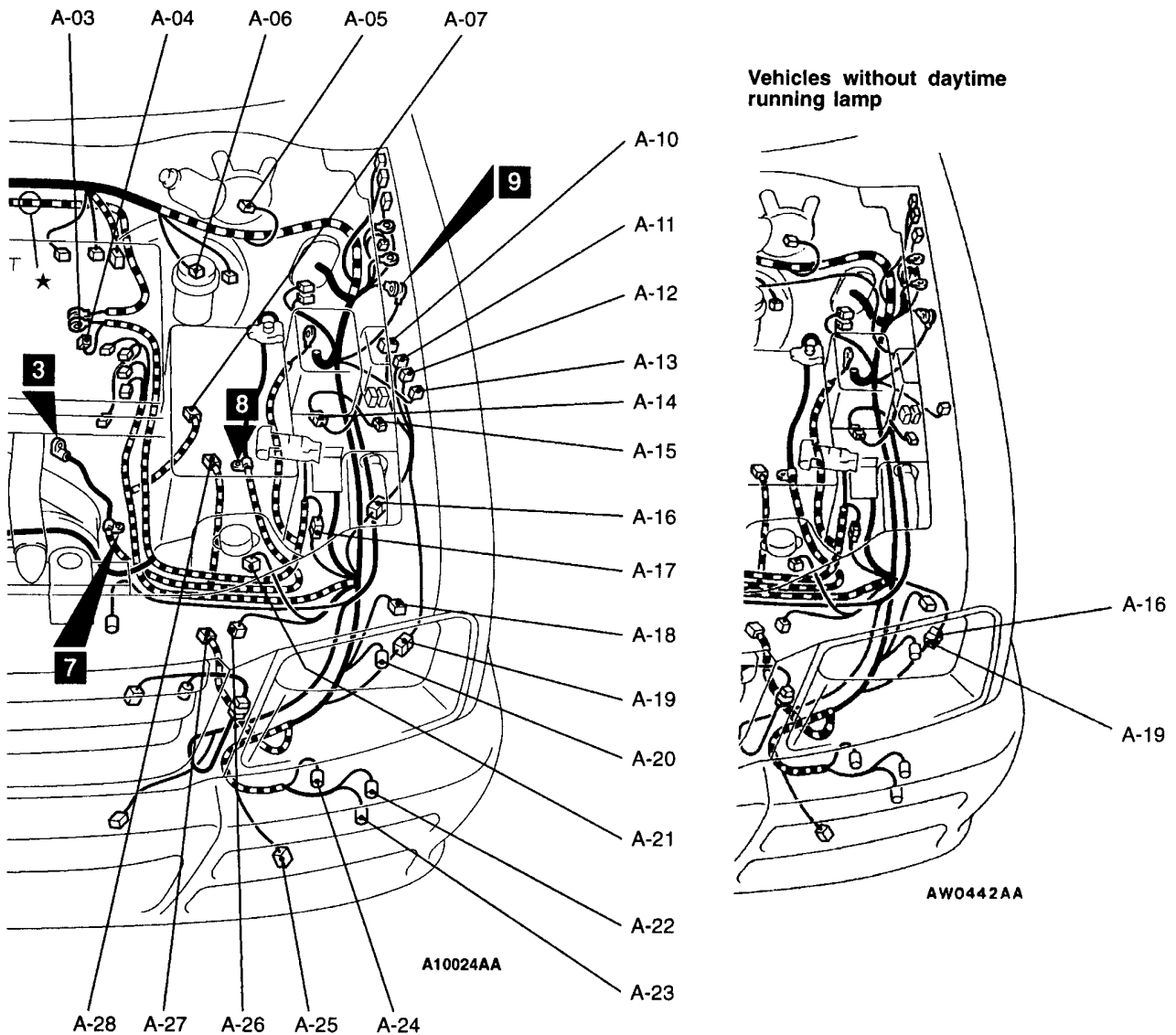
Connector
symbol

A

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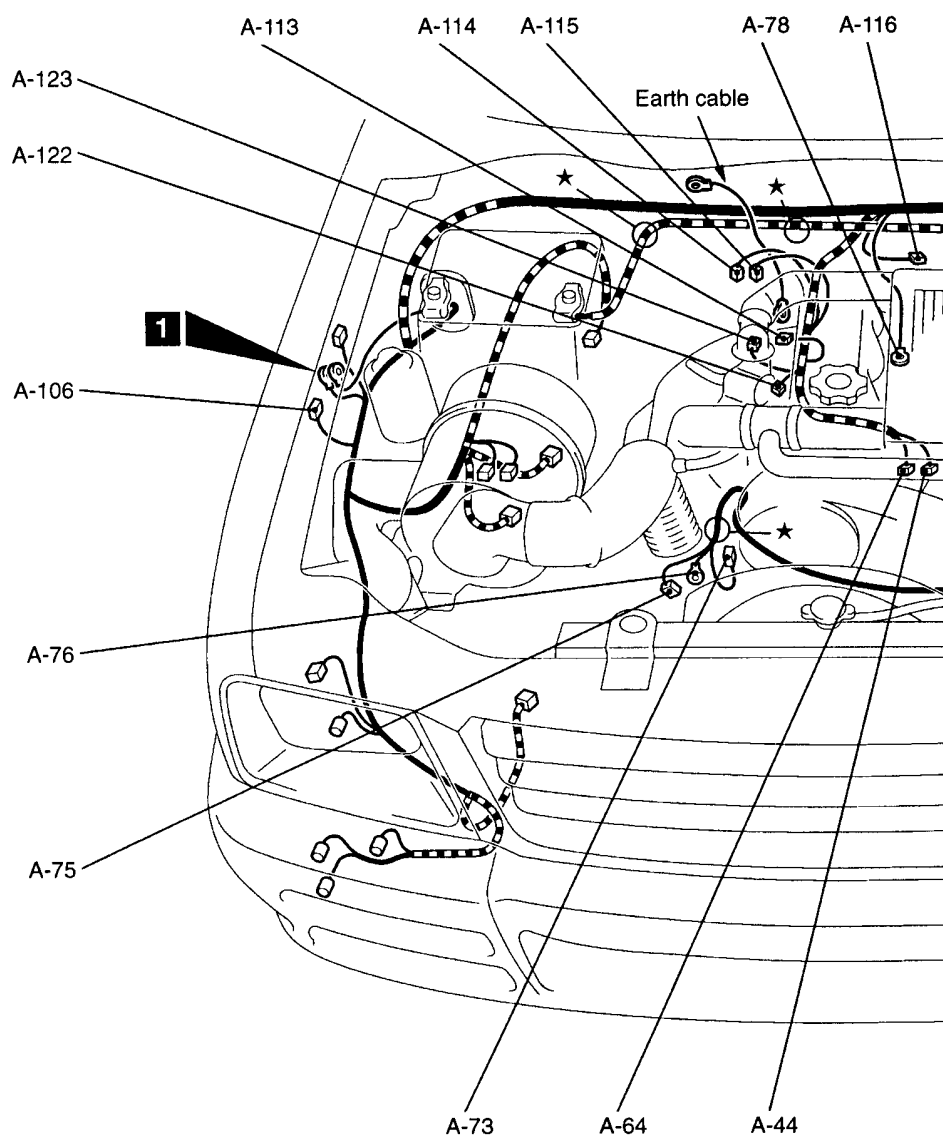
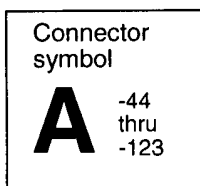


A-01 (2-B)	Wheel speed sensor (front: RH) <2WD-ABS>	A-12 (4-R)	DRL relay 1
A-02 (2-GR)	Free-wheeling hub engage switch <4WD>	A-13 (4-B)	Rear fog lamp relay
A-03 (1)	Starter	A-14 (10-B)	A/C wiring harness and front wiring harness combination <A/C>
A-04 (1-B)	Starter	A-15 (6-B)	Headlamp washer relay
A-05 (4-B)	Windshield wiper motor	A-16 (10-B)	DRL wiring harness or front wiring harness and front wiring harness combination
A-06 (2-B)	Brake fluid level sensor	A-17 (4-B)	Battery cable wiring harness and front wiring harness combination
A-07 (2-B)	Wheel speed sensor (front: LH) <2WD-ABS>	A-18 (3)	Headlamp leveling unit (LH)
A-10 (12-B)	DRL-ECU		
A-11 (4-B)	DRL relay 2		



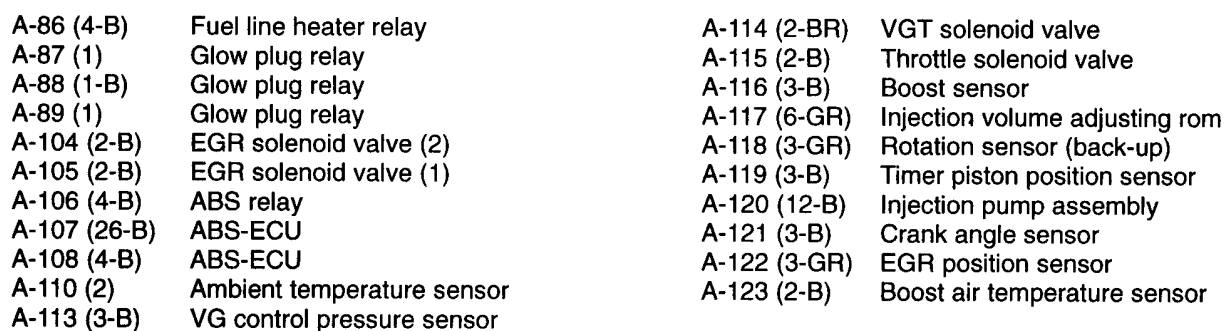
A-19 (10-B)	DRL wiring harness or front wiring harness and front wiring harness combination	A-29 (2-R)	Front impact sensor (RH) <SRS>
A-20 (3-B)	Headlamp (LH)	A-30 (2-B)	Wheel speed sensor (front: RH) <4WD-ABS>
A-21 (2-B)	Headlamp washer motor	A-31 (3-B)	Front combination lamp (RH)
A-22 (1)	Horn (LO)	A-32 (1)	Horn (HI)
A-23 (1)	Horn (LO)	A-33 (1)	Horn (HI)
A-24 (3-B)	Front combination lamp (LH)	A-34 (3-B)	Headlamp (RH)
A-25 (2-B)	Outside thermo sensor or no connection	A-35 (3)	Headlamp leveling unit (RH)
A-26 (2-B)	Windshield washer motor	A-36 (2-B)	Solenoid valve 1 <4WD>
A-27 (2-R)	Front impact sensor (LH) <SRS>	A-37 (2-B)	Solenoid valve 2 <4WD>
A-28 (2-B)	Wheel speed sensor (front: LH) <4WD-ABS>	A-40 (4-B)	Horn relay <SRS>

4D56-Step III <L.H. drive vehicles>



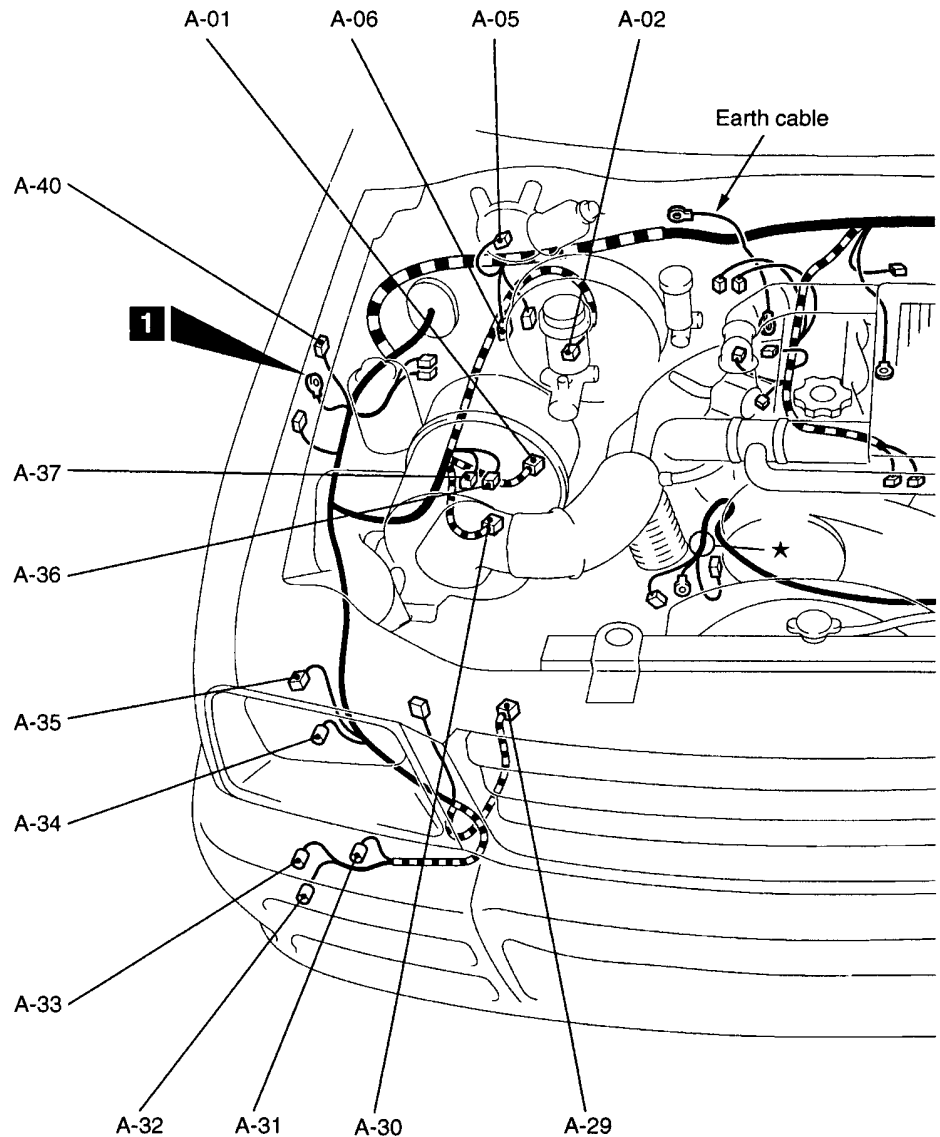
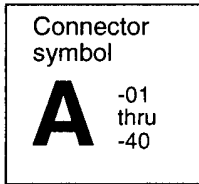
A-44 (1-B) Engine coolant temperature gauge unit
 A-51X (4) Alternator relay
 A-52X (5) Starter relay
 A-53X (5) Intercooler fan relay
 A-54X (5) Headlamp relay
 A-55X (5) Tail lamp relay
 A-56X (2) Storage connector
 A-58X (4) A/C compressor relay
 A-59X (4) Condenser fan relay
 A-64 (2-B) Engine coolant temperature sensor
 A-66 (2) Capacitor <A/C>

A-67 (2) Dual pressure switch <A/C>
 A-68 (1) Magnetic clutch <A/C>
 A-69 (2) Condenser fan motor <A/C>
 A-73 (1-B) Oil pressure switch
 A-75 (2-B) Alternator
 A-76 (1) Alternator
 A-78 (1) Glow plug
 A-81 (2-B) Intercooler fan motor
 A-82 (2-GR) Fuel line heater
 A-83 (2-B) Water level switch
 A-85 (1-B) Vacuum switch



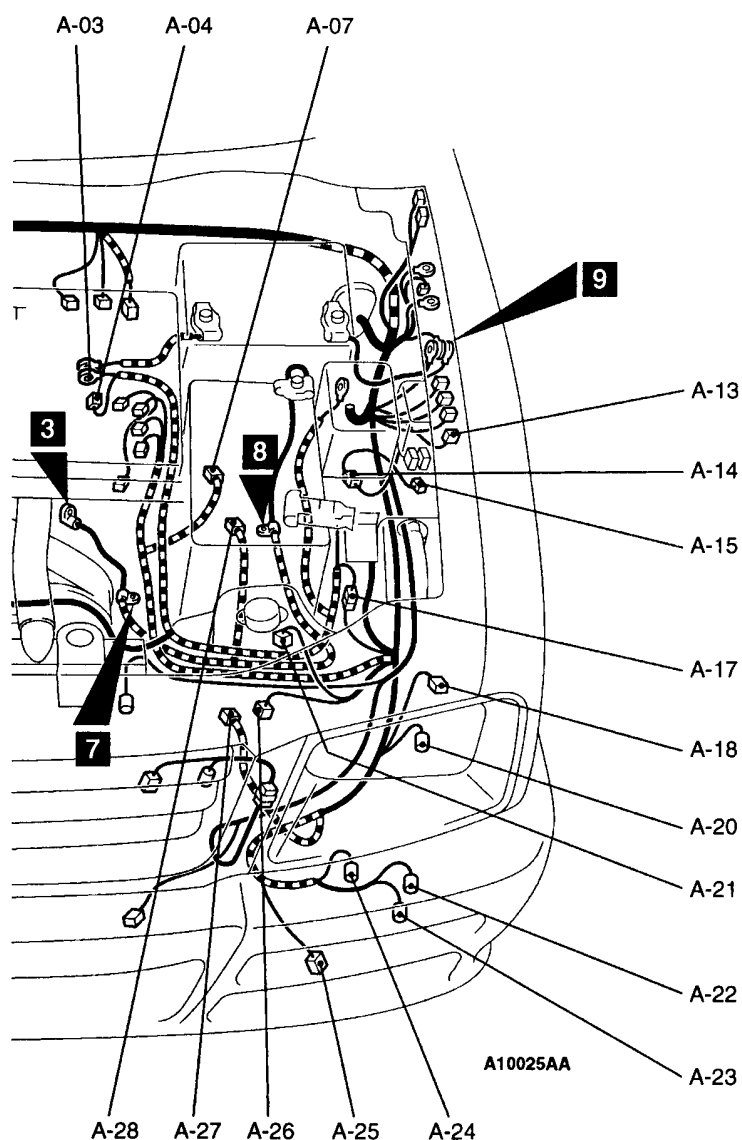
ENGINE COMPARTMENT

4D56-Step III <R.H. drive vehicles>



A-01 (2-B) Wheel speed sensor (front: RH)
<2WD-ABS>
A-02 (2-GR) Free-wheeling hub engage switch
<4WD>
A-03 (1) Starter
A-04 (1-B) Starter
A-05 (4-B) Windshield wiper motor
A-06 (2-B) Brake fluid level sensor
A-07 (2-B) Wheel speed sensor (front: LH)
<2WD-ABS>

A-13 (4-B) Rear fog lamp relay
A-14 (10-B) A/C wiring harness and front wiring
harness combination <A/C>
A-15 (6-B) Headlamp washer relay
A-17 (4-B) Battery cable wiring harness and front
wiring harness combination
A-18 (3) Headlamp leveling unit (LH)
A-20 (3-B) Headlamp (LH)



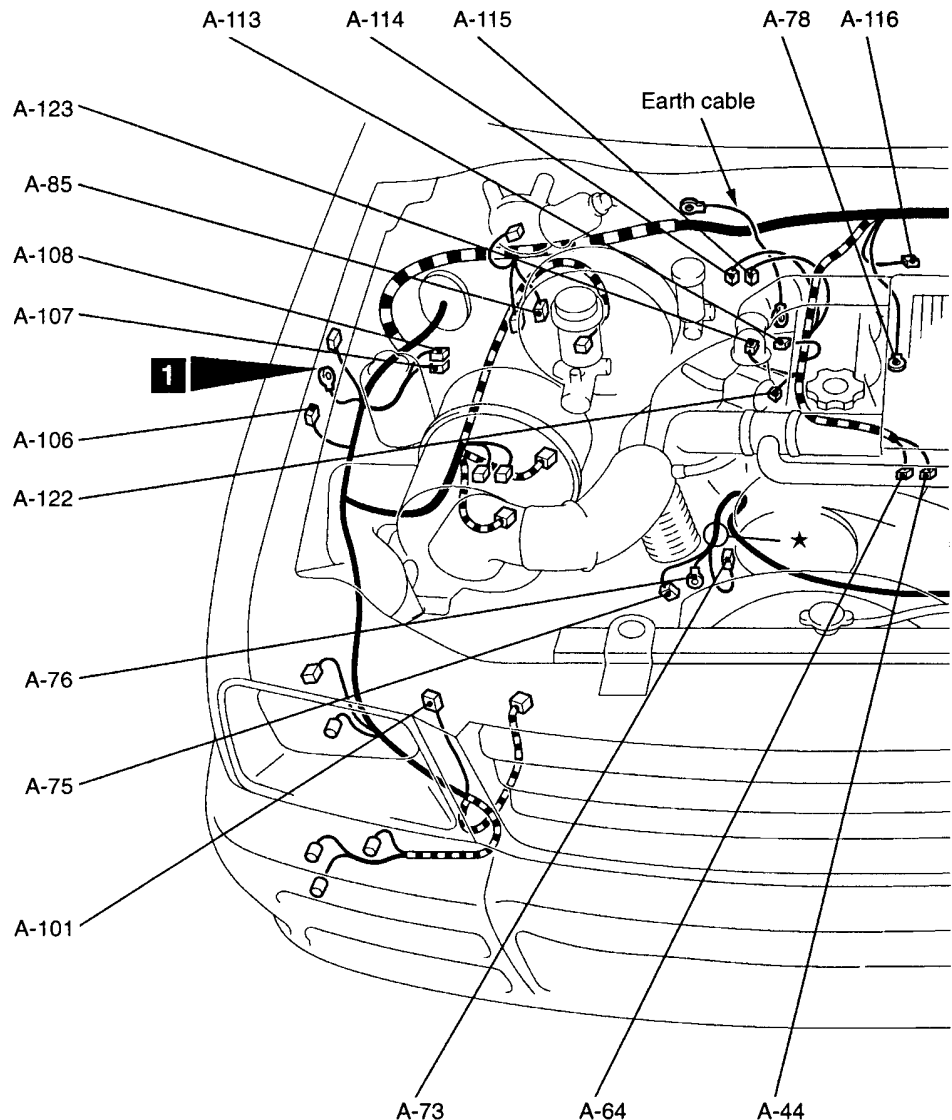
A-21 (2-B)	Headlamp washer motor	A-30 (2-B)	Wheel speed sensor (front: RH) <4WD-ABS>
A-22 (1)	Horn (LO)	A-31 (3-B)	Front combination lamp (RH)
A-23 (1)	Horn (LO)	A-32 (1)	Horn (HI)
A-24 (3-B)	Front combination lamp (LH)	A-33 (1)	Horn (HI)
A-25 (2-B)	Outside thermo sensor or no connection	A-34 (3-B)	Headlamp (RH)
A-26 (2-B)	Windshield washer motor	A-35 (3)	Headlamp leveling unit (RH)
A-27 (2-R)	Front impact sensor (LH) <SRS>	A-36 (2-B)	Solenoid valve 1 <4WD>
A-28 (2-B)	Wheel speed sensor (front: LH) <4WD-ABS>	A-37 (2-B)	Solenoid valve 2 <4WD>
A-29 (2-R)	Front impact sensor (RH) <SRS>	A-40 (4-B)	Horn relay <SRS>

4D56-Step III <R.H. drive vehicles>

Connector
symbol

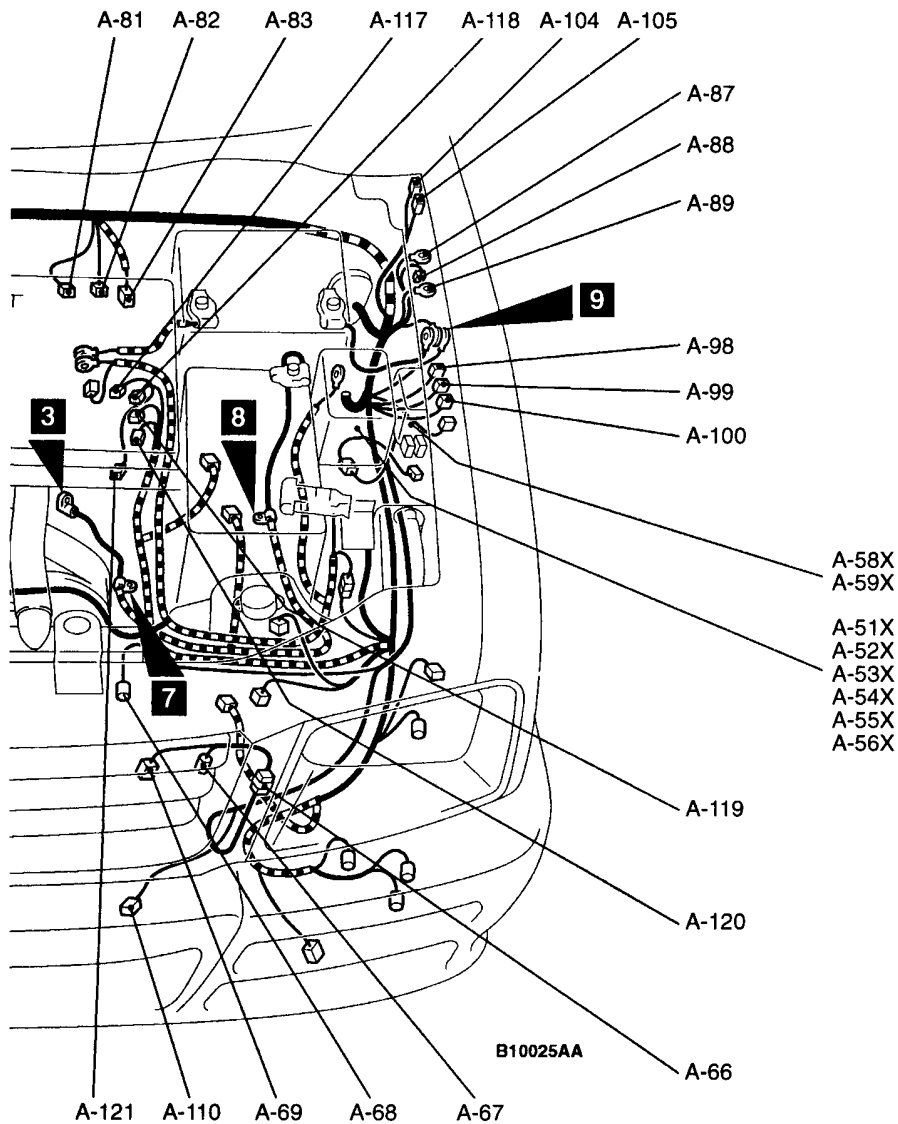
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A-44 (1-B) Engine coolant temperature gauge unit
 A-51X (4) Alternator relay
 A-52X (5) Starter relay
 A-53X (5) Intercooler fan relay
 A-54X (5) Headlamp relay
 A-55X (5) Tail lamp relay
 A-56X (2) Storage connector
 A-58X (4) A/C compressor relay
 A-59X (4) Condenser fan relay
 A-64 (2-B) Engine coolant temperature sensor
 A-66 (2) Capacitor <A/C>
 A-67 (2) Dual pressure switch <A/C>

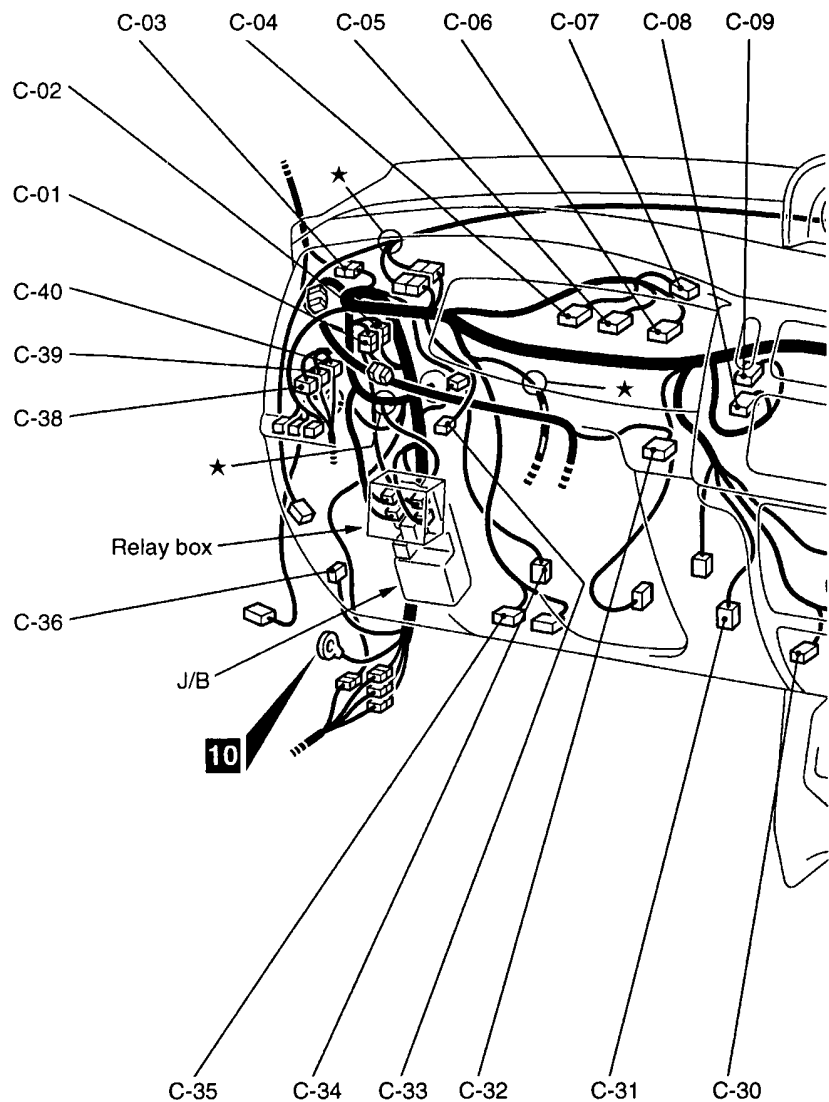
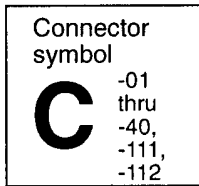
A-68 (1) Magnetic clutch <A/C>
 A-69 (2) Condenser fan motor <A/C>
 A-73 (1-B) Oil pressure switch
 A-75 (2-B) Alternator
 A-76 (1) Alternator
 A-78 (1) Glow plug
 A-81 (2-B) Intercooler fan motor
 A-82 (2-GR) Fuel line heater
 A-83 (2-B) Water level switch
 A-85 (1-B) Vacuum switch
 A-87 (1) Glow plug relay
 A-88 (1-B) Glow plug relay



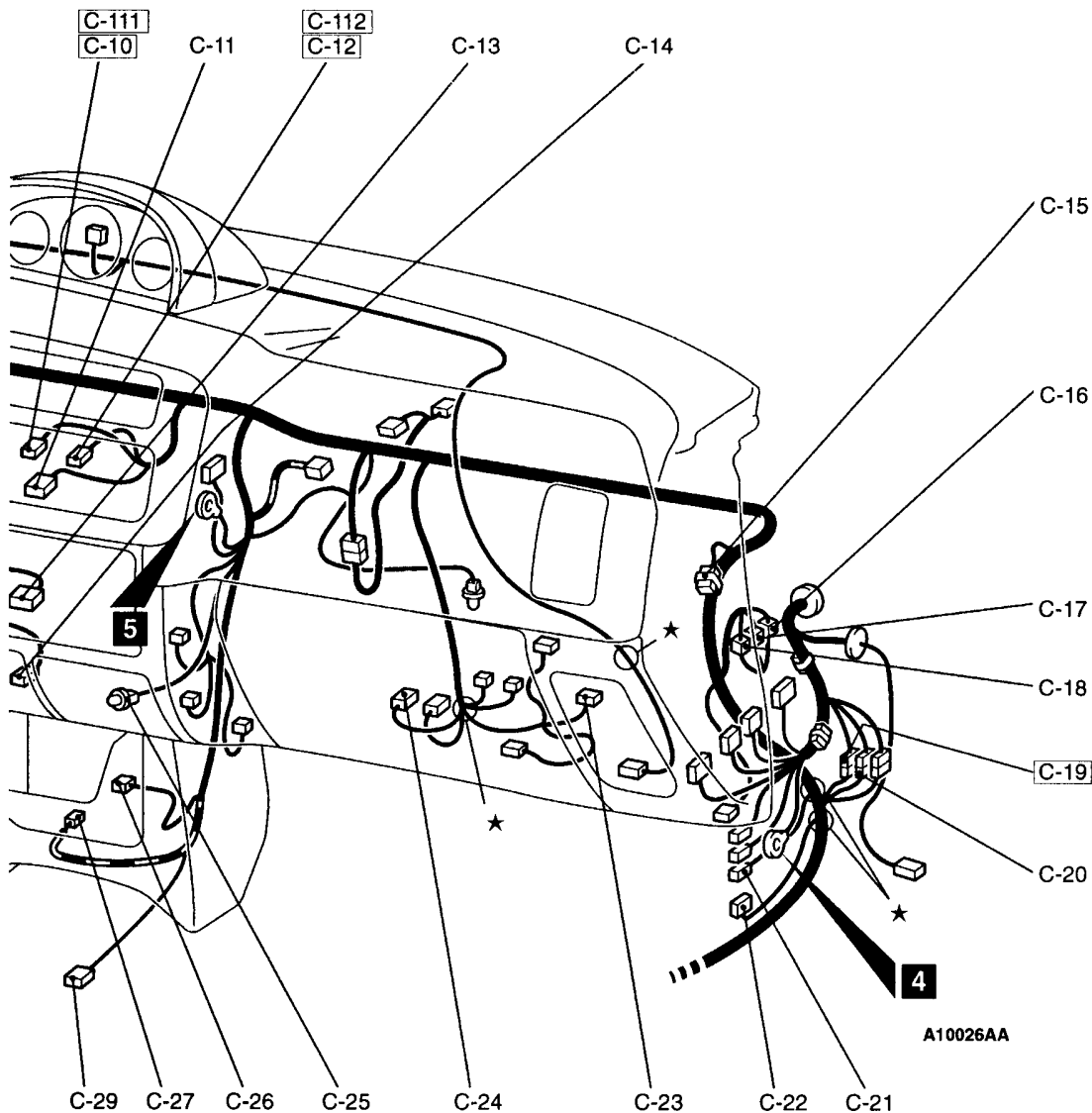
A-89 (1)	Glow plug relay	A-113 (3-B)	VG control pressure sensor
A-98 (4-G)	Dim-dip lamp relay 3	A-114 (2-BR)	VGT solenoid valve
A-99 (4-BR)	Dim-dip lamp relay 2	A-115 (2-B)	Throttle solenoid valve
A-100 (4-B)	Dim-dip lamp relay 1	A-116 (3-B)	Boost sensor
A-101 (2-B)	Dim-dip lamp resistor	A-117 (6-GR)	Injection volume adjusting rom
A-104 (2-B)	EGR solenoid valve (2)	A-118 (3-GR)	Rotation sensor (back-up)
A-105 (2-B)	EGR solenoid valve (1)	A-119 (3-B)	Timer piston position sensor
A-106 (4)	ABS relay	A-120 (12-B)	Injection pump assembly
A-107 (26-B)	ABS-ECU	A-121 (3-B)	Crank angle sensor
A-108 (4)	ABS-ECU	A-122 (3-GR)	EGR position sensor
A-110 (2)	Ambient temperature sensor	A-123 (2-B)	Boost air temperature sensor

DASH PANEL

L.H. drive vehicles



C-01 (22)	Body wiring harness and front wiring harness combination	C-13 (14)	Radio and tape player
C-02 (17)	Body wiring harness and front wiring harness combination	C-14 (2)	Cigarette lighter
C-03 (1)	Body wiring harness and roof wiring harness combination or no connection	C-15 (1)	No connection (reed switch)
C-04 (14)	Combination meter	C-16 (5)	Body wiring harness and front door wiring harness (passenger's side) combination
C-05 (10)	Combination meter	C-17 (6)	Body wiring harness and front door wiring harness (passenger's side) combination
C-06 (14-B)	Combination meter	C-18 (7)	Body wiring harness and front door wiring harness (passenger's side) combination
C-07 (1-B)	Combination meter	<u>C-19</u> (22)	Body wiring harness and front wiring harness combination <Petrol>
C-08 (6)	Defogger switch or no connection	<u>C-19</u> (18)	Body wiring harness and front wiring harness combination <Diesel-Step II>
C-09 (10)	Hazard switch	<u>C-19</u> (20)	Body wiring harness and front wiring harness combination <Diesel-Step III>
<u>C-10</u> (6)	A/C switch <Manual A/C>		
C-11 (4)	Clock		
<u>C-12</u> (10)	Blower switch <Manual A/C>		



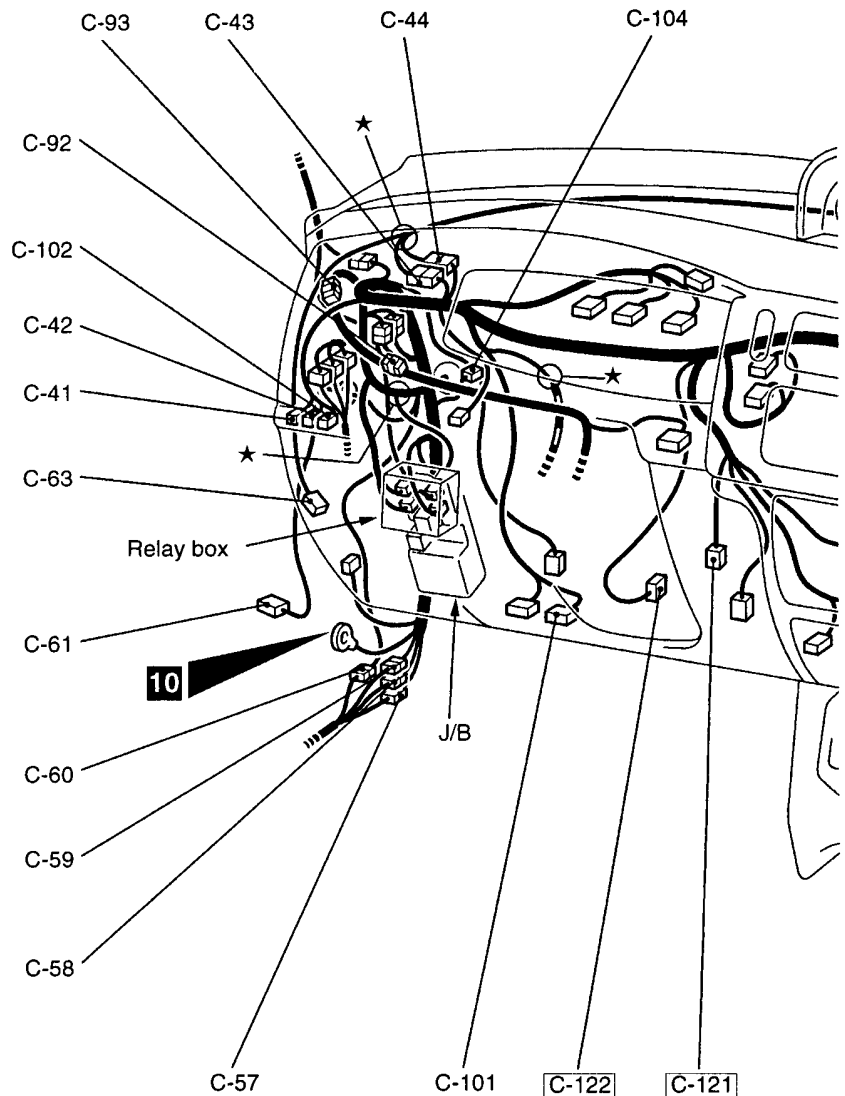
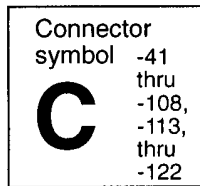
- C-20 (7) Body wiring harness and front wiring harness combination
- C-21 (10-B) Rear differential lock-ECU
- C-22 (10) 4WD indicator-ECU
- C-23 (2-L) Blower motor
- C-24 (4-L) Blower resistor
- C-25 (2) Ashtray illumination lamp
- C-26 (3-B) G sensor <ABS>
- C-27 (20-Y) SRS-ECU
- C-29 (6) Overdrive switch
- C-30 (1) Cigarette lighter
- C-31 (1-B) Parking brake switch or no connection
- C-32 (6) Headlamp leveling switch
- C-33 (8) Rear differential lock switch
- C-34 (2) Stop lamp switch

- C-35 (16-B) Diagnosis connector (1)
- C-36 (12) Immobilizer-ECU
- C-38 (7) Body wiring harness and front door wiring harness (driver's side) combination
- C-39 (10) Body wiring harness and front door wiring harness (driver's side) combination
- C-40 (9) Body wiring harness and front door wiring harness (driver's side) combination
- C-111 (20-B) A/C-ECU <Automatic A/C>
- C-112 (16-B) A/C-ECU <Automatic A/C>

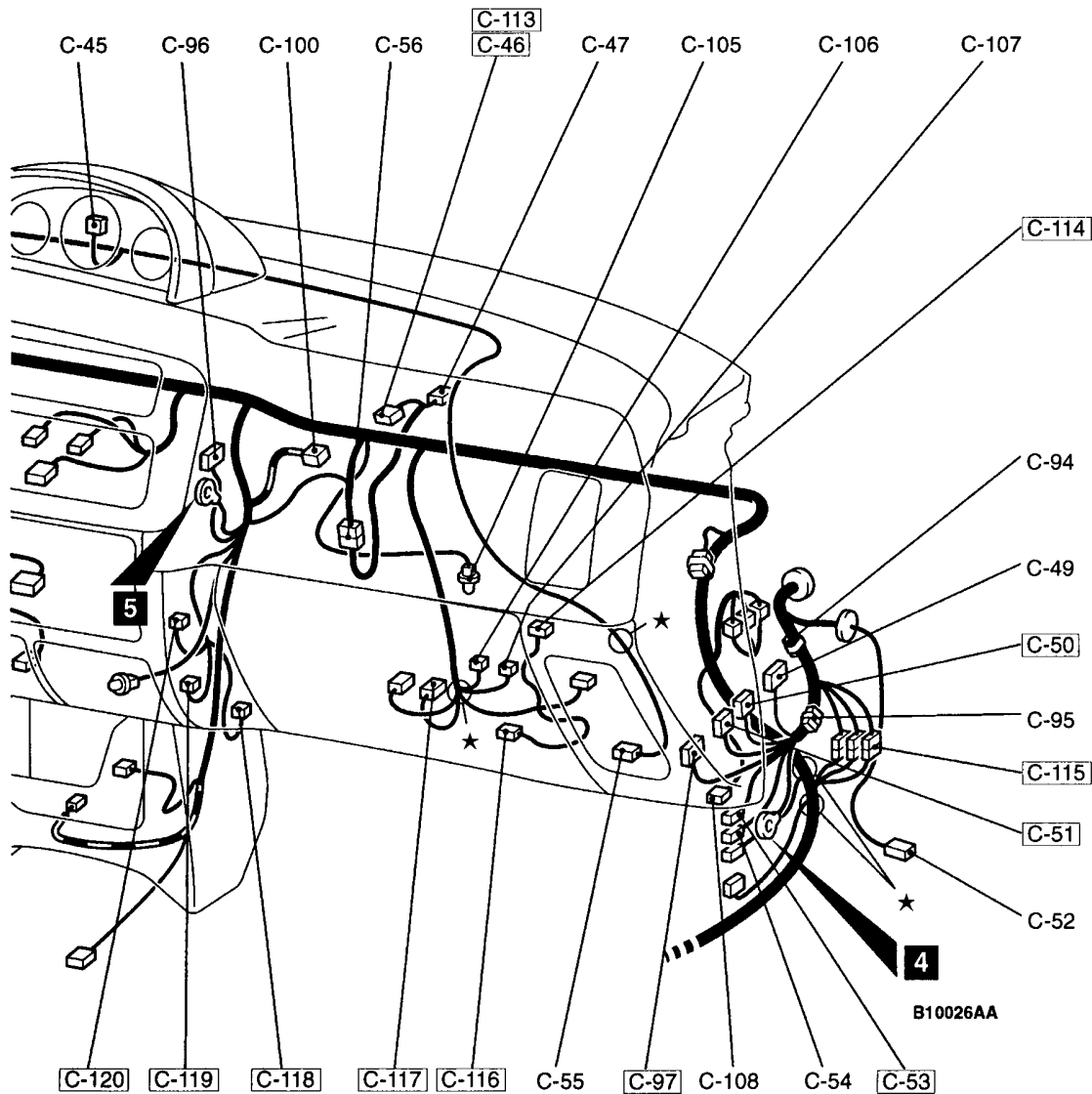
NOTE

Connector numbers enclosed by a frame have been newly added or changed.

L.H. drive vehicles



C-41 (6-B)	Rear fog lamp switch	C-55 (2-B)	Front speaker (RH)
C-42 (4)	Rheostat or joint connector	C-56 (12)	Thermostat wiring harness and body wiring harness combination
C-43 (5)	Body wiring harness and instrument panel wiring harness combination	C-57 (20)	Body wiring harness and transmission wiring harness combination
C-44 (11)	Body wiring harness and instrument panel wiring harness combination	C-58 (3)	Body wiring harness and transmission wiring harness combination
C-45 (14)	Multi-meter	C-59 (2)	Body wiring harness and transmission wiring harness combination
C-46 (3)	Thermostat <Manual A/C>	C-60 (6)	Front wiring harness and transmission wiring harness combination
C-47 (8)	Compressor-ECU	C-61 (2-BR)	Side turn signal lamp (LH)
C-49 (26-Y)	Engine-ECU or Glow-ECU	C-63 (2-B)	Front speaker (LH)
C-50 (16-Y)	Engine-ECU	C-92 (19-GR)	J/C (1)
C-51 (12-Y)	Engine-ECU	C-93 (19-GR)	J/C (2)
C-52 (2-BR)	Side turn signal lamp (RH)	C-94 (19-GR)	J/C (3)
C-53 (4)	Engine control relay		
C-53 (4-BR)	Intercooler fan-ECU <Diesel-step II>		
C-54 (4)	Fuel pump relay <Petrol>		



C-95 (19-GR)	J/C (4)
C-96 (4)	Defogger relay <With defogger timer>
C-97 (22-Y)	Engine-ECU
C-100 (2-R)	Air bag module (squib) (passenger's side)
C-101 (12)	Diagnosis connector (2)
C-102 (8-B)	Remote controlled mirror switch
C-104 (8)	Overdrive control relay
C-105 (2)	Glove box lamp
C-106 (1)	Glove box lamp switch
C-107 (1)	Glove box lamp switch
C-108 (6-B)	Keyless entry receiver-ECU
C-113 (2)	Thermostat <Automatic A/C>
C-114 (2)	Outside/Inside air selection damper control motor

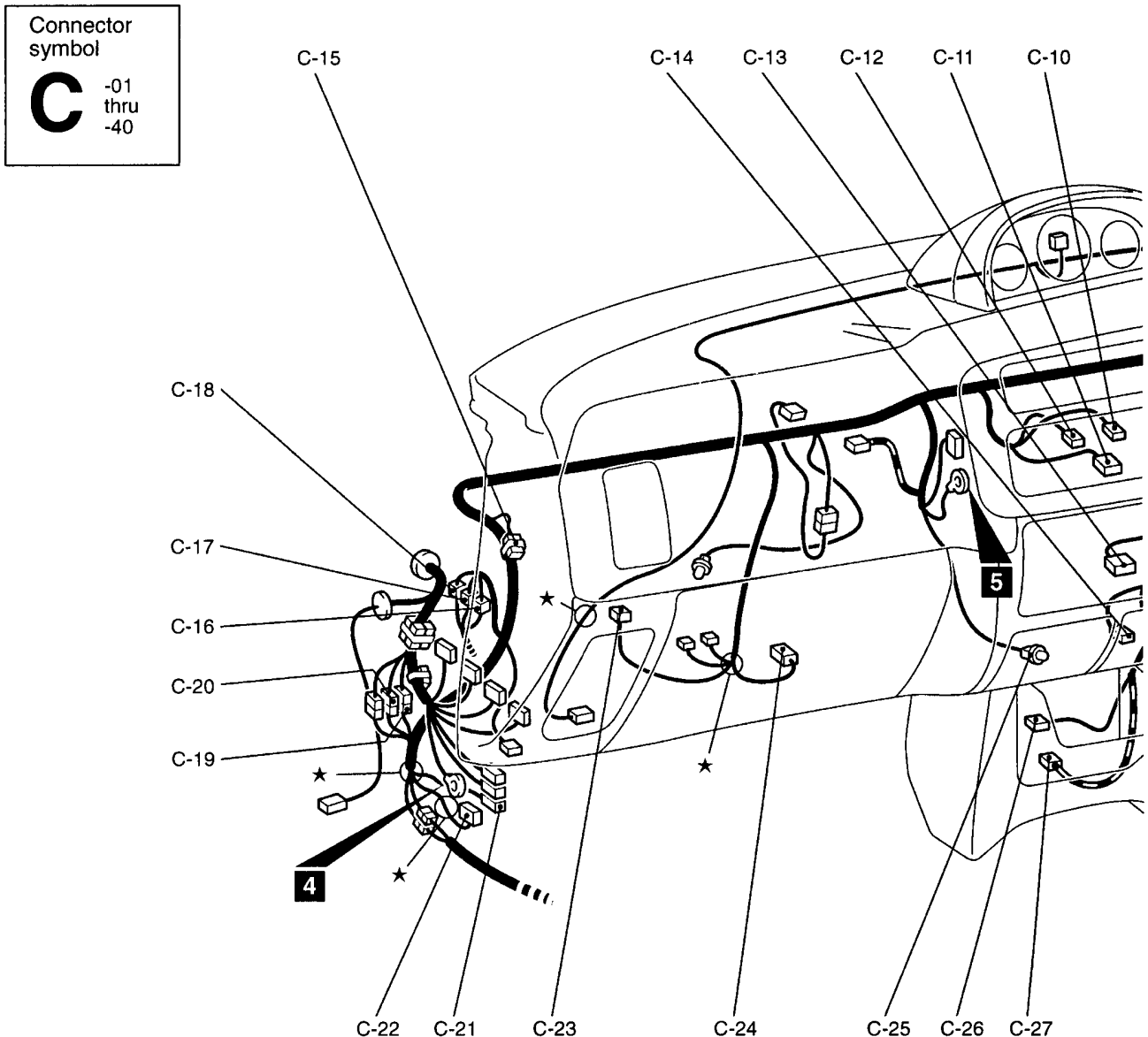
C-115 (11)	Body wiring harness and front wiring harness combination <Diesel-step III>
C-116 (4)	Blower high speed relay
C-117 (4-L)	Power transistor
C-118 (2)	Photo sensor
C-119 (2)	Heater water temperature sensor
C-120 (6)	Air mixing damper control motor and potentiometer
C-121 (6)	Mode selection damper control motor and potentiometer
C-122 (8-GR)	Accelerator pedal position sensor

NOTE

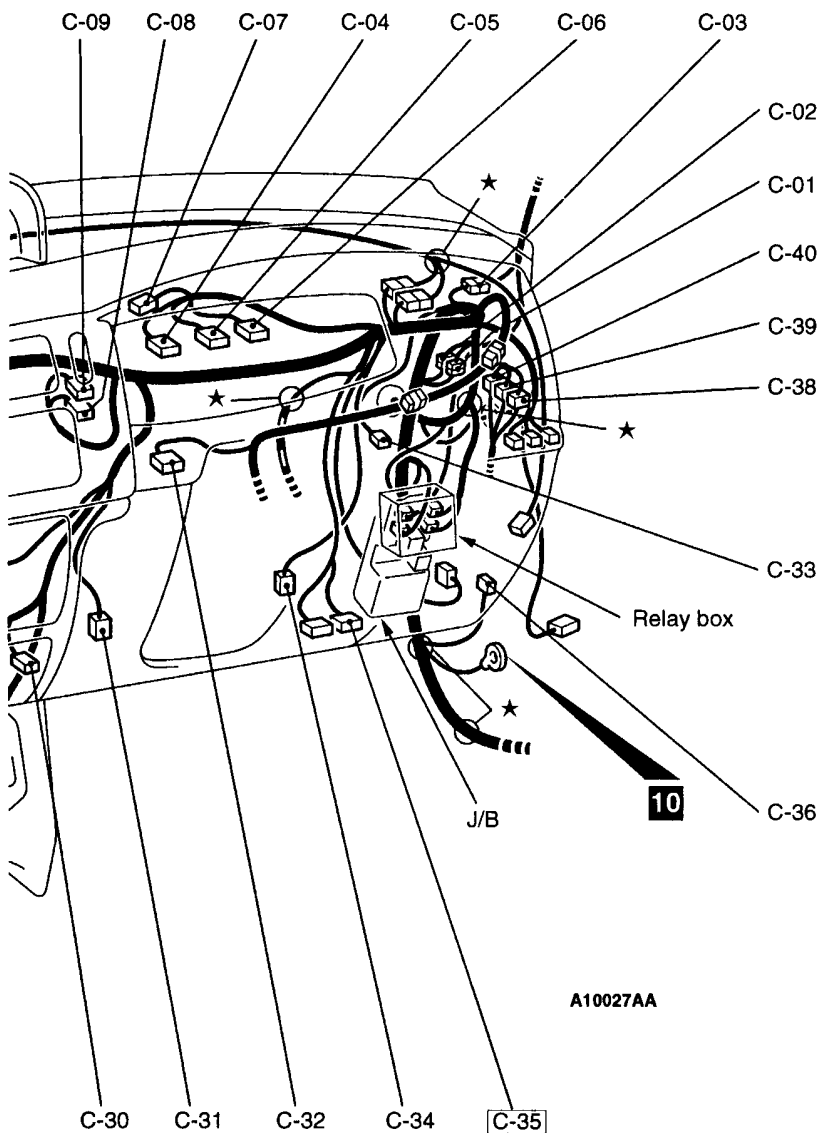
Connector numbers enclosed by a frame have been newly added or changed.

DASH PANEL

R.H. drive vehicles



C-01 (22)	Body wiring harness and front wiring harness combination	C-11 (4)	Clock
C-02 (17)	Body wiring harness and front wiring harness combination	C-12 (10)	Blower switch
C-03 (1)	Body wiring harness and roof wiring harness combination or no connection	C-13 (14)	Radio and tape player
C-04 (14)	Combination meter	C-14 (2)	Cigarette lighter
C-05 (10)	Combination meter	C-15 (1)	No connection (reed switch)
C-06 (14-B)	Combination meter	C-16 (5)	Body wiring harness and front door wiring harness (passenger's side) combination
C-07 (1-B)	Combination meter	C-17 (6)	Body wiring harness and front door wiring harness (passenger's side) combination
C-08 (6)	Defogger switch or no connection	C-18 (7)	Body wiring harness and front door wiring harness (passenger's side) combination
C-09 (10)	Hazard switch	C-19 (20)	Body wiring harness and front wiring harness combination
C-10 (6)	A/C switch		



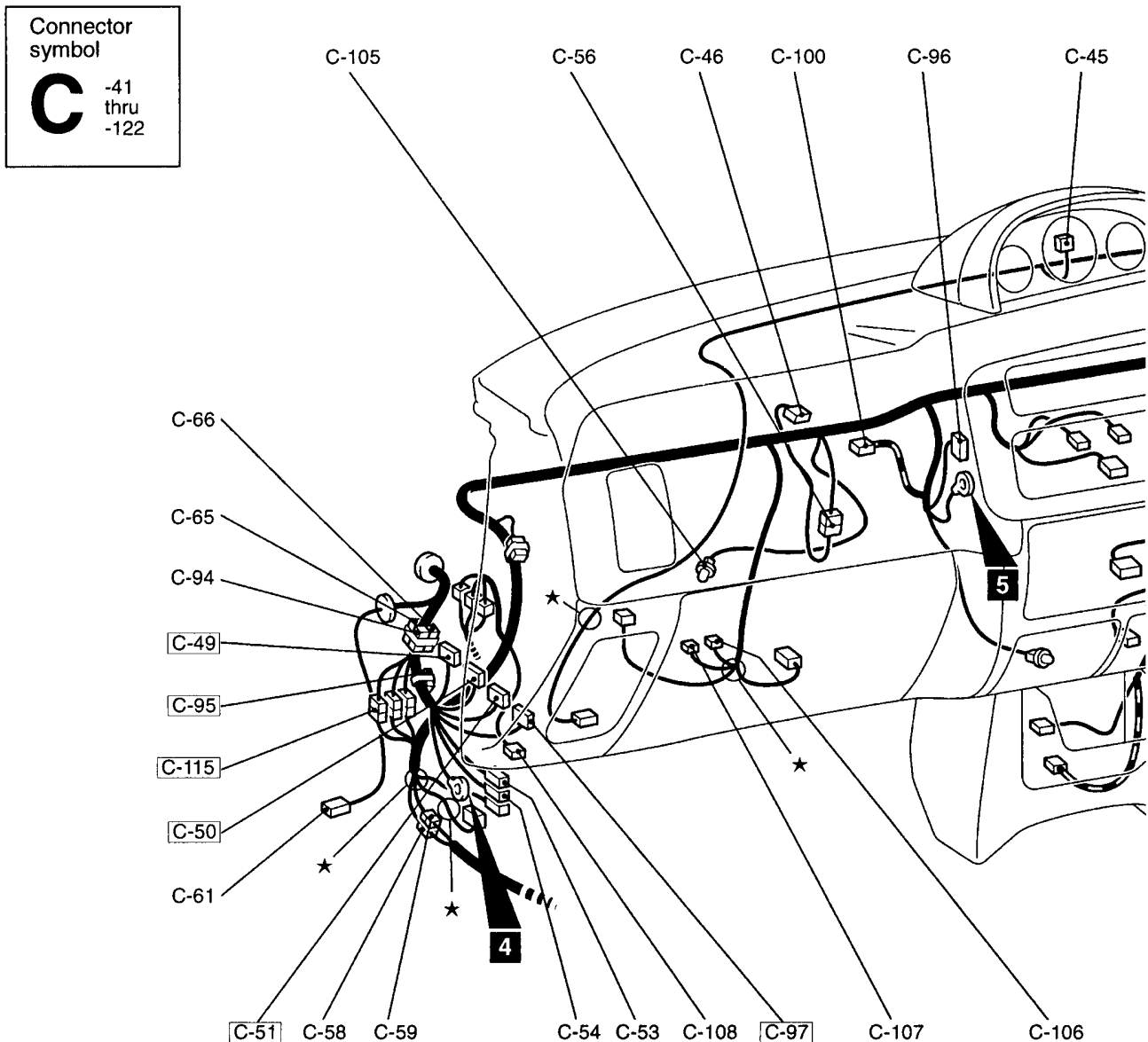
C-20 (7) Body wiring harness and front wiring harness combination
 C-21 (10-B) Rear differential lock-ECU
 C-22 (10) 4WD indicator-ECU
 C-23 (2) Blower motor
 C-24 (4-L) Blower resistor
 C-25 (2) Ashtray illumination lamp
 C-26 (3-B) G sensor <ABS>
 C-27 (21-Y) SRS-ECU
 C-30 (1) Cigarette lighter
 C-31 (1-B) Parking brake switch or no connection
 C-32 (6) Headlamp leveling switch
 C-33 (8) Rear differential lock switch

C-34 (2) Stop lamp switch
 C-35 (16-B) Diagnosis connector (1)
 C-36 (12) Immobilizer-ECU
 C-38 (7) Body wiring harness and front door wiring harness (driver's side) combination
 C-39 (10) Body wiring harness and front door wiring harness (driver's side) combination
 C-40 (9) Body wiring harness and front door wiring harness (driver's side) combination

NOTE

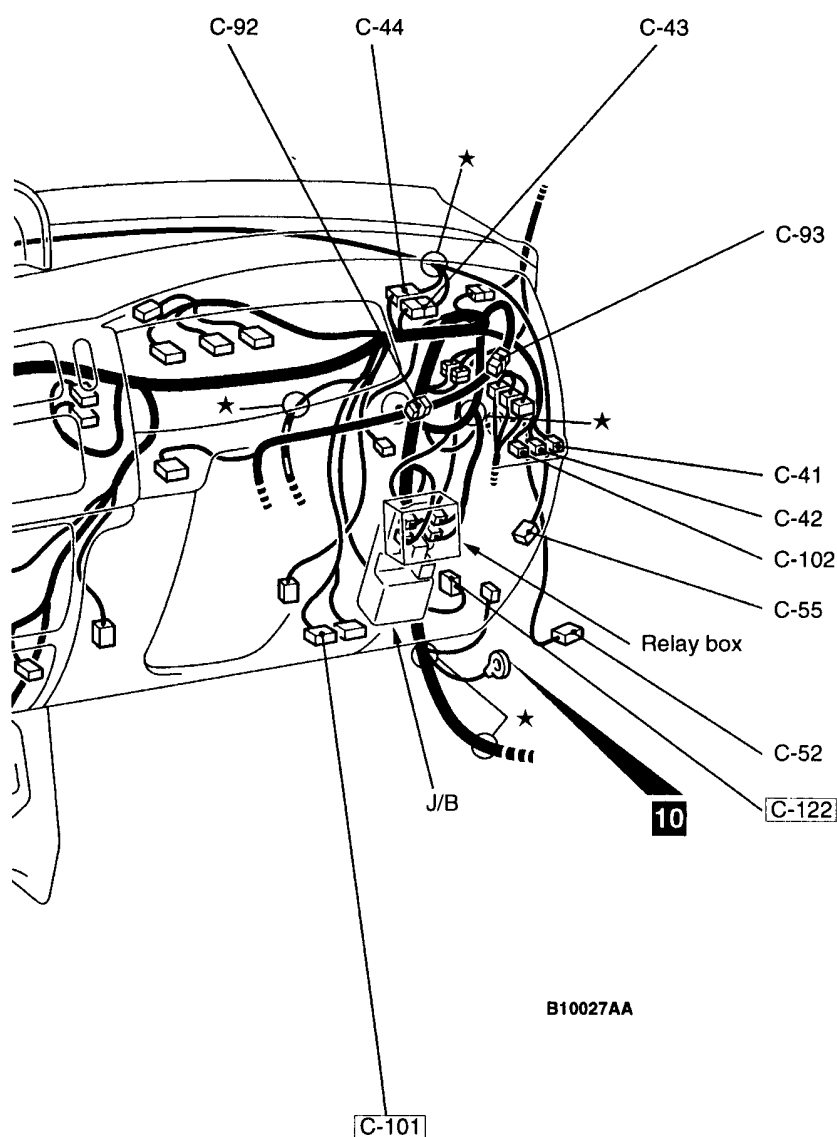
Connector numbers enclosed by a frame C-35 have been changed.

R.H. drive vehicles



C-41 (6-B)	Rear fog lamp switch
C-42 (4)	Rheostat or joint connector
C-43 (5)	Body wiring harness and instrument panel wiring harness combination
C-44 (11)	Body wiring harness and instrument panel wiring harness combination
C-45 (14)	Multi-meter
C-46 (3)	Thermostat
C-49 (26-Y)	Engine-ECU or glow-ECU
C-50 (16-Y)	Engine-ECU
C-51 (12-Y)	Engine-ECU

C-52 (2-BR)	Side turn signal lamp (RH)
C-53 (4-BR)	Intercooler fan-ECU
C-54 (4-B)	Fuel line heater relay
C-55 (2-B)	Front speaker (RH)
C-56 (12)	Thermostat wiring harness and body wiring harness combination
C-58 (3)	Body wiring harness and transmission wiring harness combination
C-59 (2)	Body wiring harness and transmission wiring harness combination
C-61 (2-BR)	Side turn signal lamp (LH)



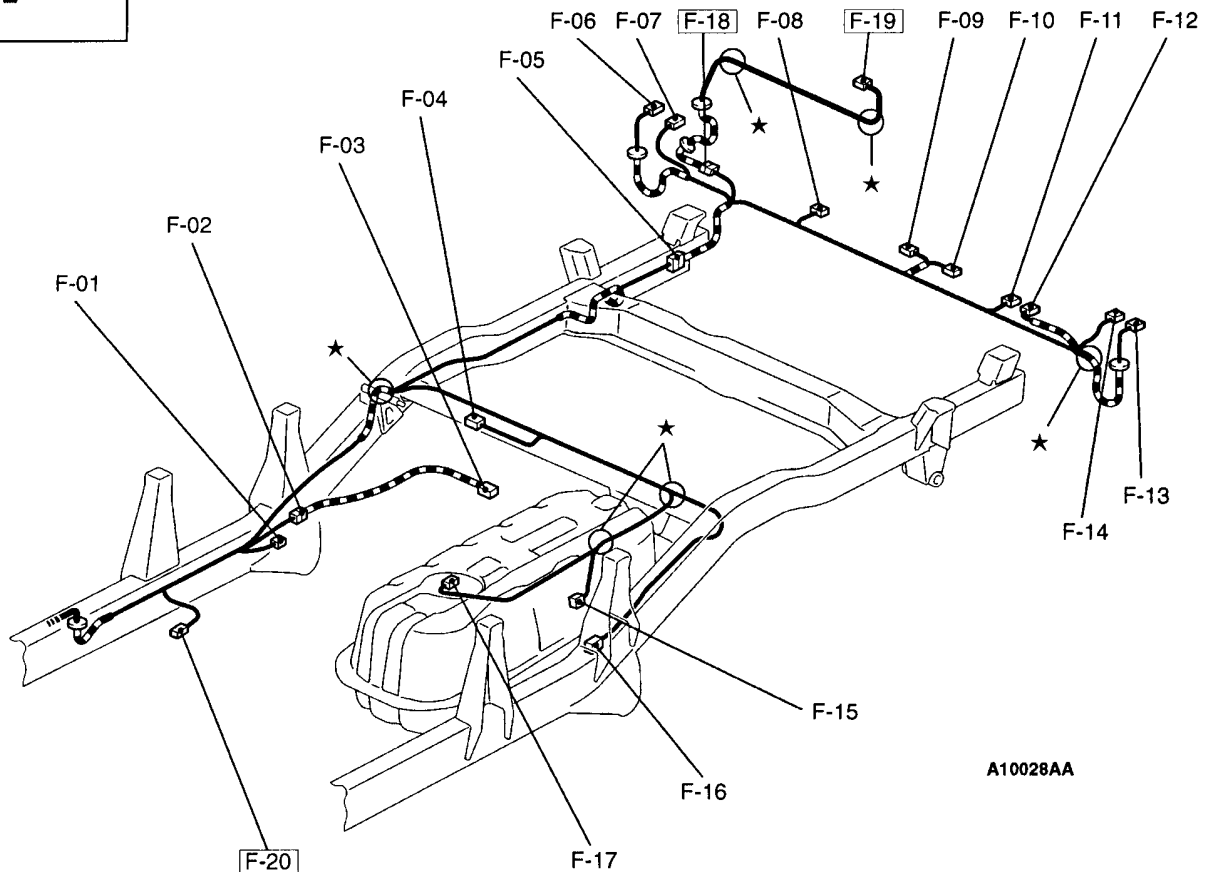
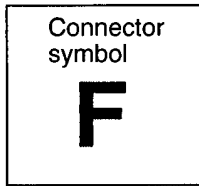
C-63 (2-B)	Front speaker (LH)
C-65 (3)	Diode (for dim-dip lamp circuit)
C-66 (2-B)	Diode (for dim-dip lamp circuit)
C-92 (19-GR)	J/C (1)
C-93 (19-GR)	J/C (2)
C-94 (19-GR)	J/C (3)
C-95 (19-GR)	J/C (4)
C-96 (4)	Defogger relay <With defogger timer>
C-97 (22-Y)	Engine-ECU
C-100 (2-R)	Air bag module (squib) (passenger's side)
C-101 (12)	Diagnosis connector (2)

C-102 (8-B)	Remote controlled mirror switch
C-105 (2)	Glove box lamp
C-106 (1)	Glove box lamp switch
C-107 (1)	Glove box lamp switch
C-108 (6-B)	Keyless entry receiver-ECU
C-115 (11)	Body wiring harness and front wiring harness combination <Diesel-step III>
C-122 (8-GR)	Accelerator pedal position sensor

NOTE

Connector numbers enclosed by a frame have been newly added or changed.

FRAME



A10028AA

F-01 (2-B)	Wheel speed sensor (rear: RH) <ABS>	F-13 (6-B)	Rear combination lamp (LH) <with cargo bed>
F-02 (2-B)	Frame wiring harness and position wiring harness combination	F-14 (6)	Rear combination lamp (LH) <without cargo bed>
F-03 (2)	Rear differential lock detection switch	F-15 (3)	Fuel gauge unit
F-04 (2-B)	Rear differential lock air pump	F-16 (2-B)	Wheel speed sensor (rear: LH) <ABS>
F-05 (8-B)	Frame wiring harness and rear body wiring harness combination	F-17 (2)	Fuel pump
F-06 (6-B)	Rear combination lamp (RH) <with cargo bed>	F-18 (2)	Rear body wiring harness and gate wiring harness combination
F-07 (6)	Rear combination lamp (RH) <without cargo bed>	F-19 (2)	High-mounted stop lamp
F-08 (2-B)	Rear fog lamp <RHD>	F-20 (4-B)	Oxygen sensor (rear) <Petrol>
F-09 (2-B)	Licence plate lamp (RH)	NOTE Connector numbers enclosed by a frame have been newly added.	
F-10 (2-B)	Licence plate lamp (LH)		
F-11 (2-B)	Rear fog lamp <LHD> <with cargo bed>		
F-12 (2-B)	Rear fog lamp <RHD> <without cargo bed>		