
WIRING HARNESS CONFIGURATION DIAGRAMS

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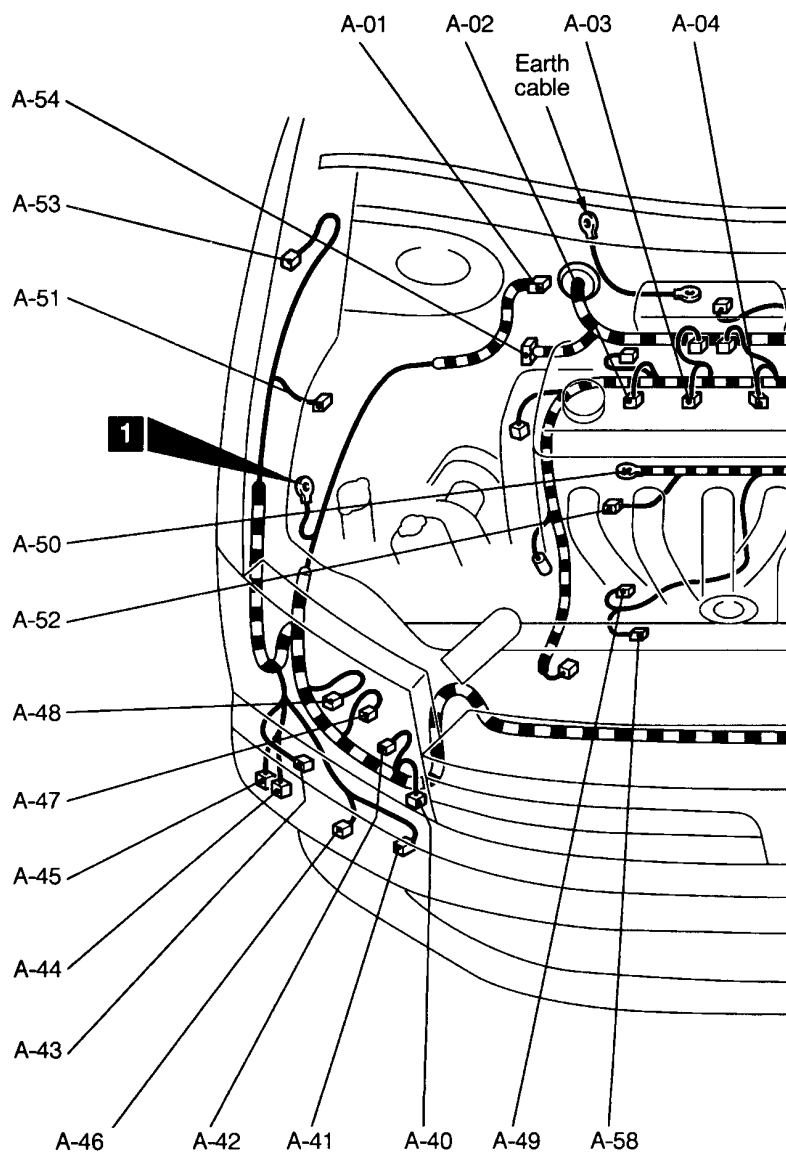
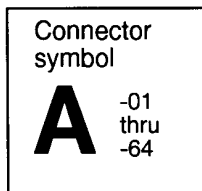
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ENGINE COMPARTMENT

SPACE RUNNER <4G63-MPI (L.H. drive vehicles)>

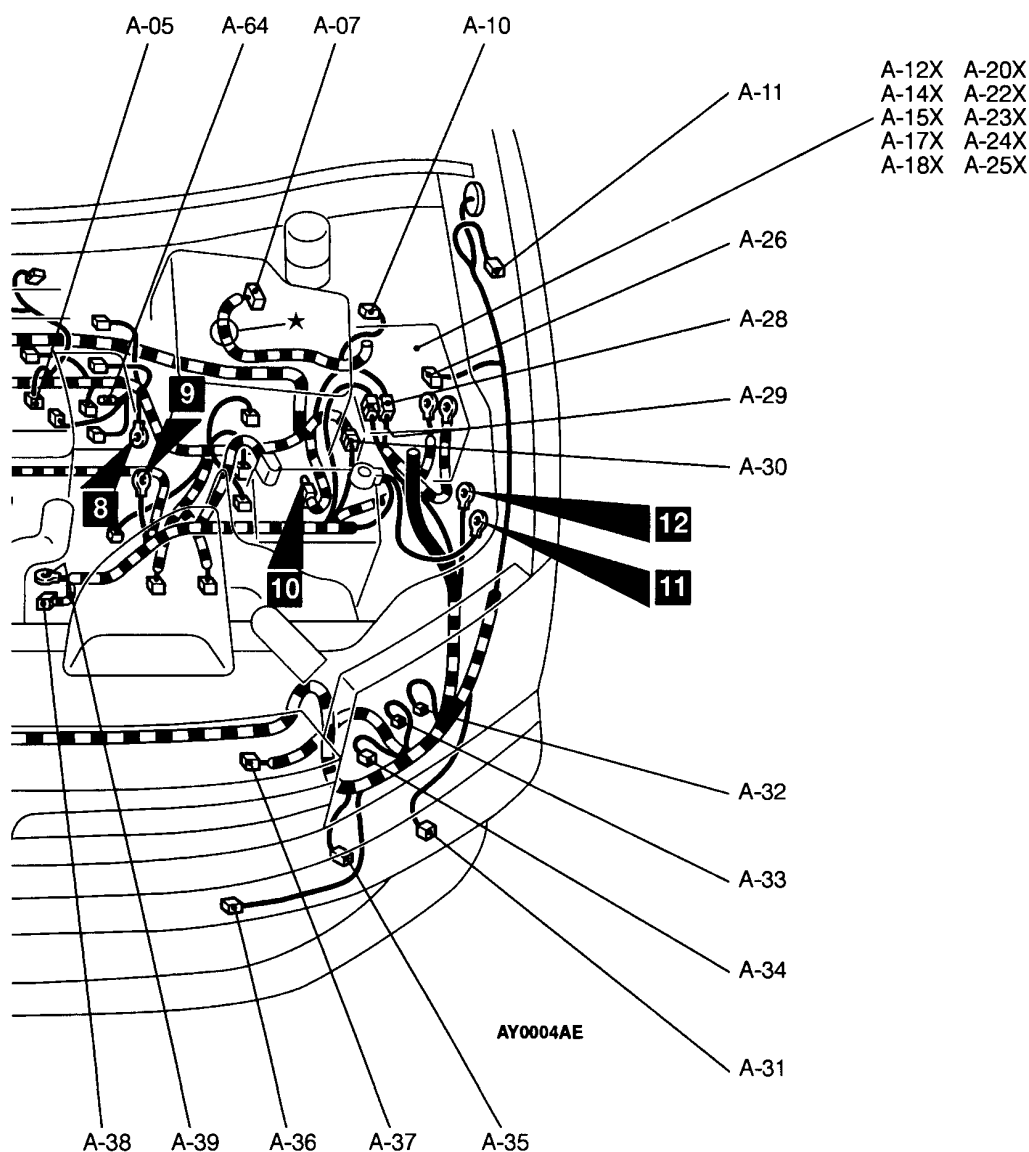


Connector colour code

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

A-01 (5-GR) Windshield wiper motor
 A-02 (2-GR) Injector 1
 A-03 (2-GR) Injector 2
 A-04 (2-GR) Injector 3
 A-05 (2-GR) Injector 4
 A-07 (7-B) Air flow sensor
 A-10 (2-GR) Brake fluid level switch
 A-11 (2-GR) Side turn signal lamp (LH)
 A-12X (4) A/T control relay
 A-14X (4) Engine control relay
 A-15X (4) Fuel pump relay
 A-17X (5) A/C compressor relay
 A-18X (3) Inspection connector

A-20X (4) Fan control relay
 A-22X (5) Horn relay
 A-23X (5) Front fog lamp relay
 A-24X (11) Front-ECU
 A-25X (11) Front-ECU
 A-26 (2-B) Wheel speed sensor (Front: LH) <ABS>
 A-28 (17-GR) Front wiring harness and control wiring harness combination
 A-29 (4-B) Front wiring harness and battery wiring harness combination
 A-30 (5-B) Battery wiring harness and control wiring harness combination



A-31 (2-BR)	Front turn signal lamp (LH)	A-44 (2-B)	Rear washer motor
A-32 (3-B)	Headlamp (LH)	A-45 (2)	Windshield washer motor
A-33 (6-B)	Headlamp assembly (LH)	A-46 (2-BR)	Front turn signal lamp (RH)
A-34 (2-B)	Front fog lamp (LH)	A-47 (6-B)	Headlamp assembly (RH)
A-35 (1-B)	Horn (HI)	A-48 (3-B)	Headlamp (RH)
A-36 (2-B)	Outside thermo sensor	A-49 (1-B)	Oil pressure switch
A-37 (3-GR)	Fan controller	A-50 (1)	Alternator
A-38 (1)	Starter	A-51 (2-B)	Wheel speed sensor (Front: RH) <ABS>
A-39 (1-B)	Starter	A-52 (4-GR)	Alternator
A-40 (2-GR)	Dual pressure switch <A/C>	A-53 (2-GR)	Side turn signal lamp (RH)
A-41 (1-B)	Horn (LO)	A-54 (25-B)	ABS-ECU
A-42 (2-B)	Front fog lamp (RH)	A-58 (2-B)	Engine oil level sensor
A-43 (2-B)	Headlamp washer motor	A-64 (1)	Capacitor

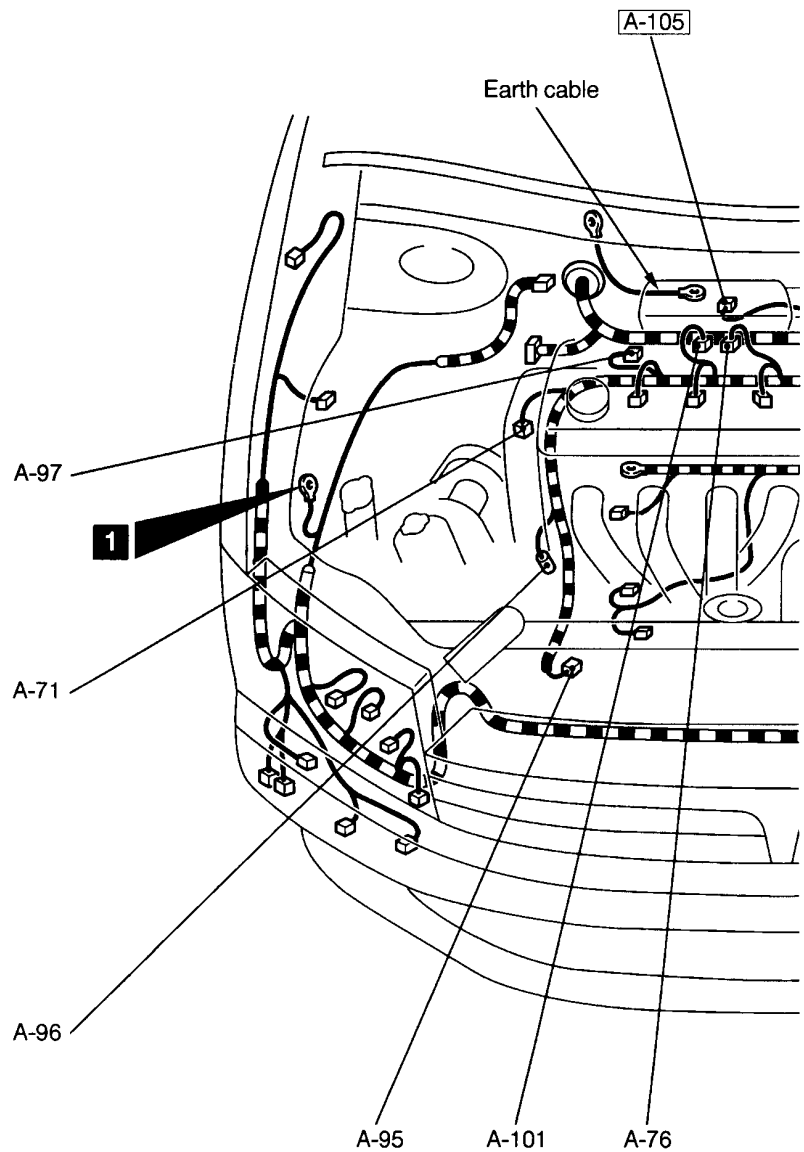
SPACE RUNNER <4G63-MPI (L.H. drive vehicles)>

Connector
symbol

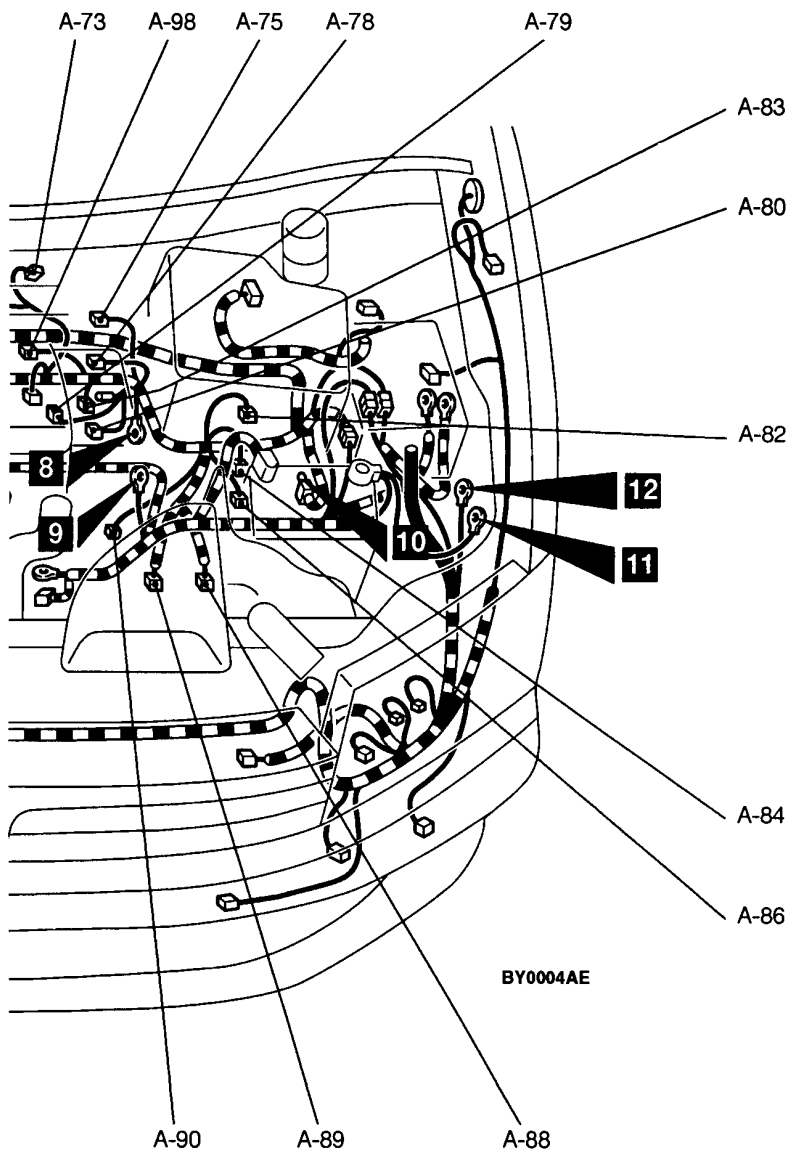
A -71
thru
-105

Connector colour code

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



A-71 (3-B)	Crank angle sensor	A-79 (2-GR)	Detonation sensor
A-73 (4-B)	Throttle position sensor	A-80 (2-B)	Engine coolant temperature sensor
A-75 (6-B)	Idle speed control servo	A-82 (3-GR)	Output shaft speed sensor <A/T>
A-76 (2-B)	Purge control solenoid valve	A-83 (1-B)	Engine coolant temperature gauge unit
A-78 (3-B)	Camshaft position sensor	A-84 (2-B)	Back-up lamp switch <M/T>



A-86 (3-B) Vehicle speed sensor <M/T>
 A-88 (10-GR) A/T control solenoid valve assembly
 A-89 (10-B) Inhibitor switch <A/T>
 A-90 (3-B) Input shaft speed sensor <A/T>
 A-95 (1-BR) A/C compressor magnetic clutch
 A-96 (1) Power steering oil pressure switch
 A-97 (3-GR) Ignition coil 2

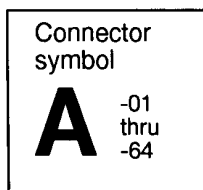
A-98 (3-GR) Ignition coil 1
 A-101 (2-BR) EGR solenoid valve
 A-105 (4-B) Ignition failure sensor

NOTE

Connector numbers in are connector numbers which have been added.

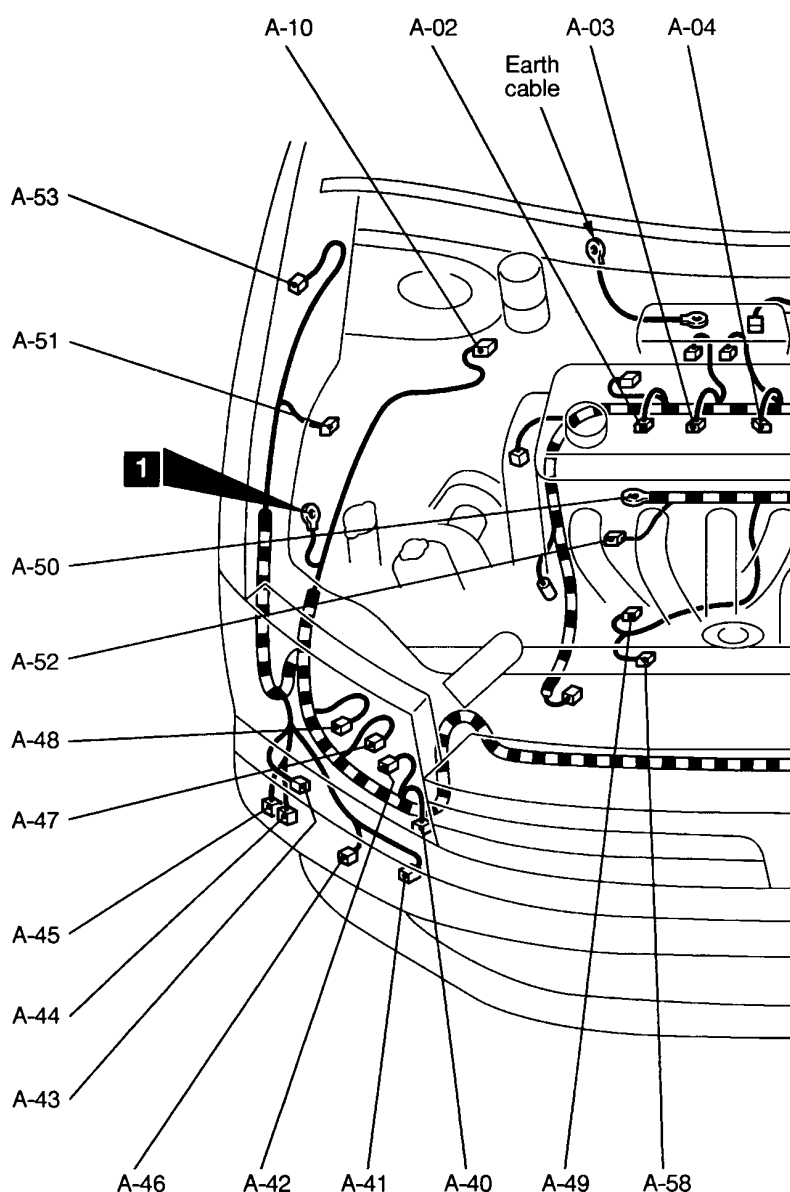
ENGINE COMPARTMENT

SPACE RUNNER <4G63-MPI (R.H. drive vehicles)>



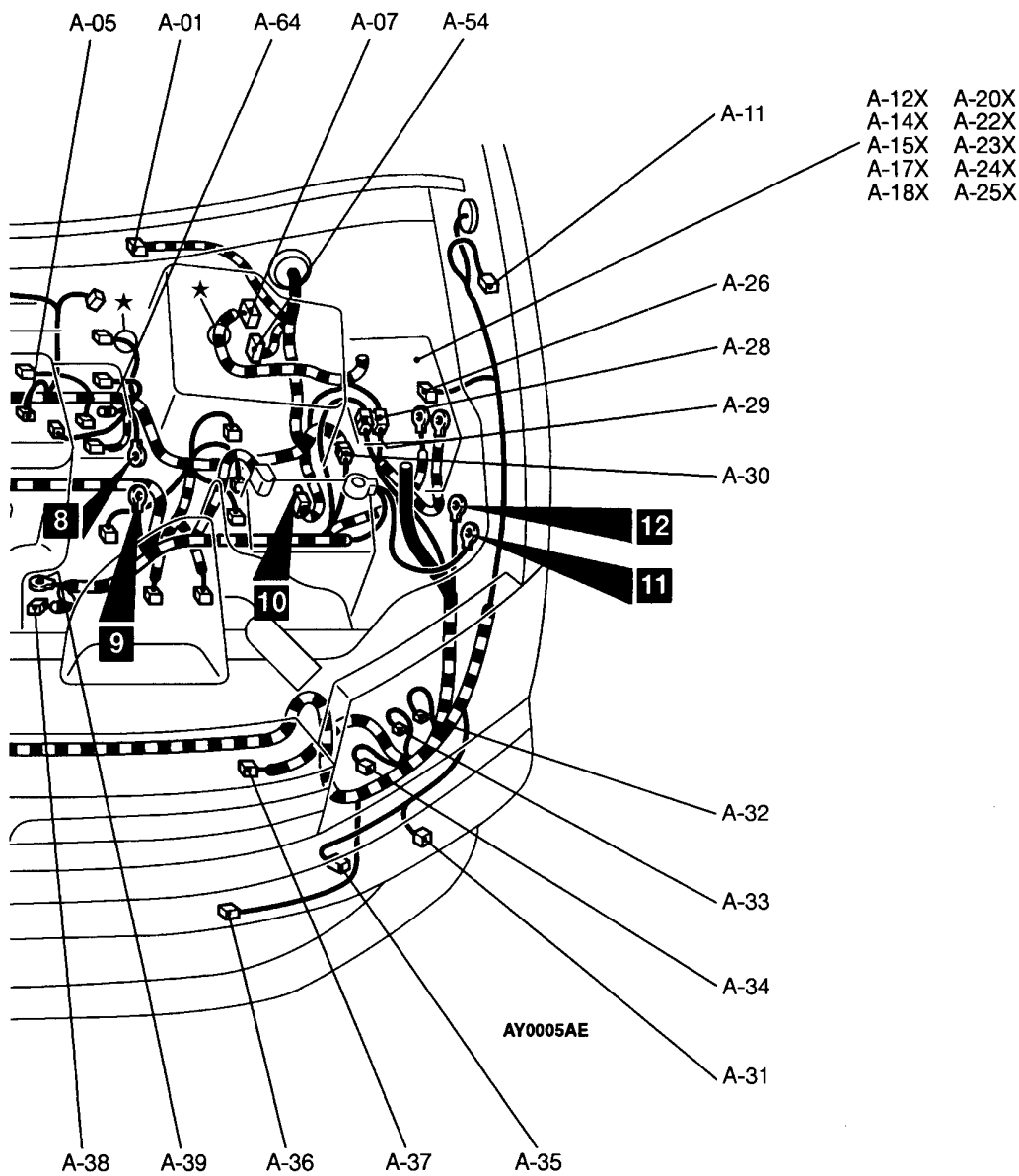
Connector colour code

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



A-01 (5-GR) Windshield wiper motor
 A-02 (2-GR) Injector 1
 A-03 (2-GR) Injector 2
 A-04 (2-GR) Injector 3
 A-05 (2-GR) Injector 4
 A-07 (7-B) Air flow sensor
 A-10 (2-GR) Brake fluid level switch
 A-11 (2-GR) Side turn signal lamp (LH)
 A-12X (4) A/T control relay
 A-14X (4) Engine control relay
 A-15X (4) Fuel pump relay
 A-17X (5) A/C compressor relay
 A-18X (3) Inspection connector

A-20X (4) Fan control relay
 A-22X (5) Horn relay
 A-23X (5) Front fog lamp relay
 A-24X (11) Front-ECU
 A-25X (11) Front-ECU
 A-26 (2-B) Wheel speed sensor (Front: LH) <ABS>
 A-28 (17-GR) Front wiring harness and control wiring harness combination
 A-29 (4-B) Front wiring harness and battery wiring harness combination
 A-30 (5-B) Battery wiring harness and control wiring harness combination



A-31 (2-BR)	Front turn signal lamp (LH)	A-44 (2-B)	Rear washer motor
A-32 (3-B)	Headlamp (LH)	A-45 (2)	Windshield washer motor
A-33 (6-B)	Headlamp assembly (LH)	A-46 (2-BR)	Front turn signal lamp(RH)
A-34 (2-B)	Front fog lamp (LH)	A-47 (6-B)	Headlamp assembly (RH)
A-35 (1-B)	Horn (HI)	A-48 (3-B)	Headlamp (RH)
A-36 (2-B)	Outside thermo sensor	A-49 (1-B)	Oil pressure switch
A-37 (3-GR)	Fan controller	A-50 (1)	Alternator
A-38 (1)	Starter	A-51 (2-B)	Wheel speed sensor (Front: RH) <ABS>
A-39 (1-B)	Starter	A-52 (4-GR)	Alternator
A-40 (2-GR)	Dual pressure switch <A/C>	A-53 (2-GR)	Side turn signal lamp (RH)
A-41 (1-B)	Horn (LO)	A-54 (25-B)	ABS-ECU
A-42 (2-B)	Front fog lamp (RH)	A-58 (2-B)	Engine oil level sensor
A-43 (2-B)	Headlamp washer motor	A-64 (1-B)	Capacitor

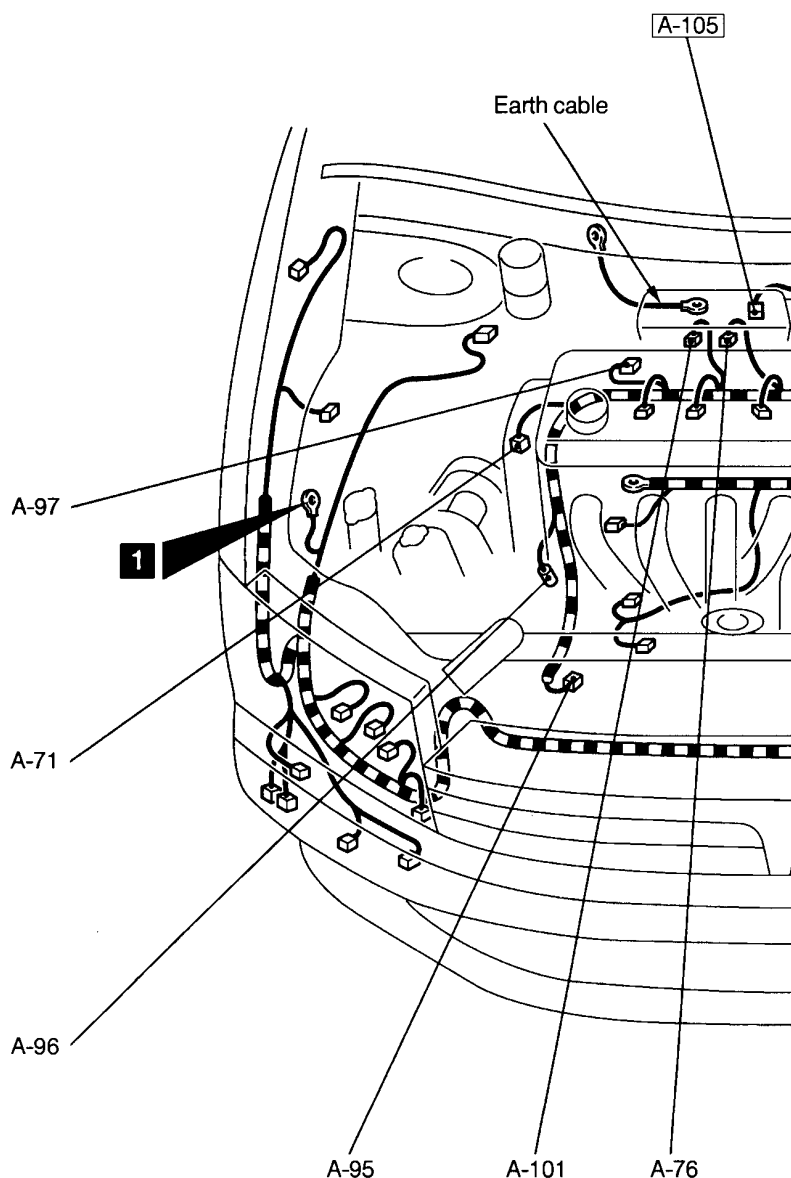
SPACE RUNNER <4G63-MPI (R.H. drive vehicles)>

Connector
symbol

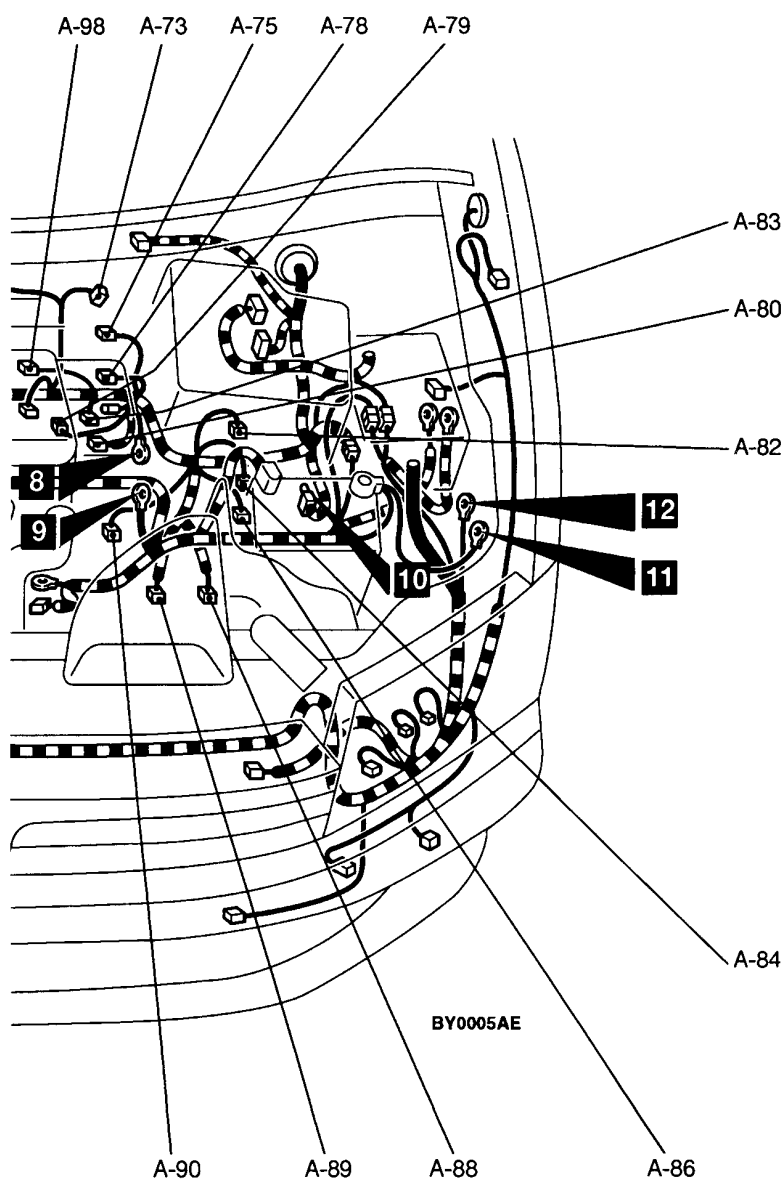
A -71
thru
-105

Connector colour code

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



A-71 (3-B)	Crank angle sensor	A-79 (2-GR)	Detonation sensor
A-73 (4-B)	Throttle position sensor	A-80 (2-B)	Engine coolant temperature sensor
A-75 (6-B)	Idle speed control servo	A-82 (3-GR)	Output shaft speed sensor <A/T>
A-76 (2-B)	Purge control solenoid valve	A-83 (1-B)	Engine coolant temperature gauge unit
A-78 (3-B)	Camshaft position sensor	A-84 (2-B)	Back-up lamp switch <M/T>



A-86 (3-B) Vehicle speed sensor <M/T>
 A-88 (10-GR) A/T control solenoid valve assembly
 A-89 (10-B) Inhibitor switch <A/T>
 A-90 (3-B) Input shaft speed sensor <A/T>
 A-95 (1-BR) A/C compressor magnetic clutch
 A-96 (1) Power steering oil pressure switch
 A-97 (3-GR) Ignition coil 2

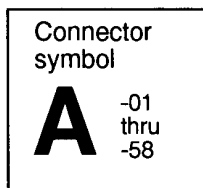
A-98 (3-GR) Ignition coil 1
 A-101 (2-BR) EGR solenoid valve
 A-105 (4-B) Ignition failure sensor

NOTE

Connector numbers in are connector numbers which have been added.

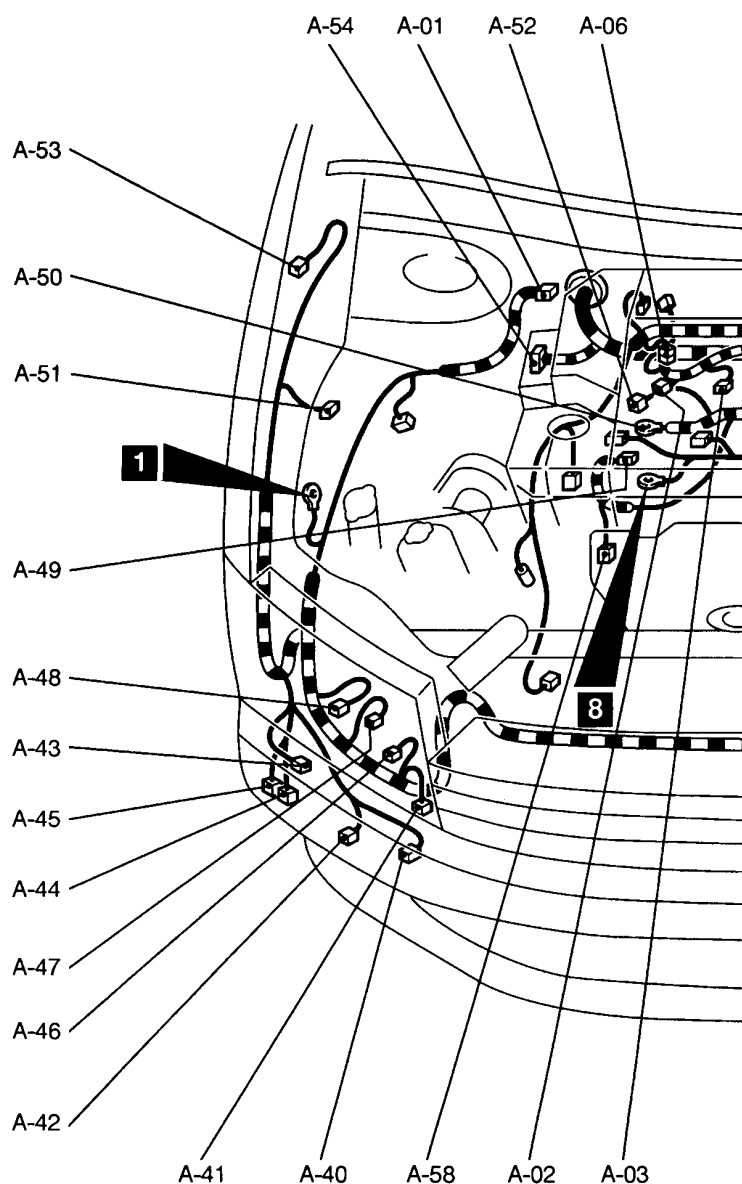
ENGINE COMPARTMENT

SPACE RUNNER <4G64-GDI (L.H. drive vehicles)>

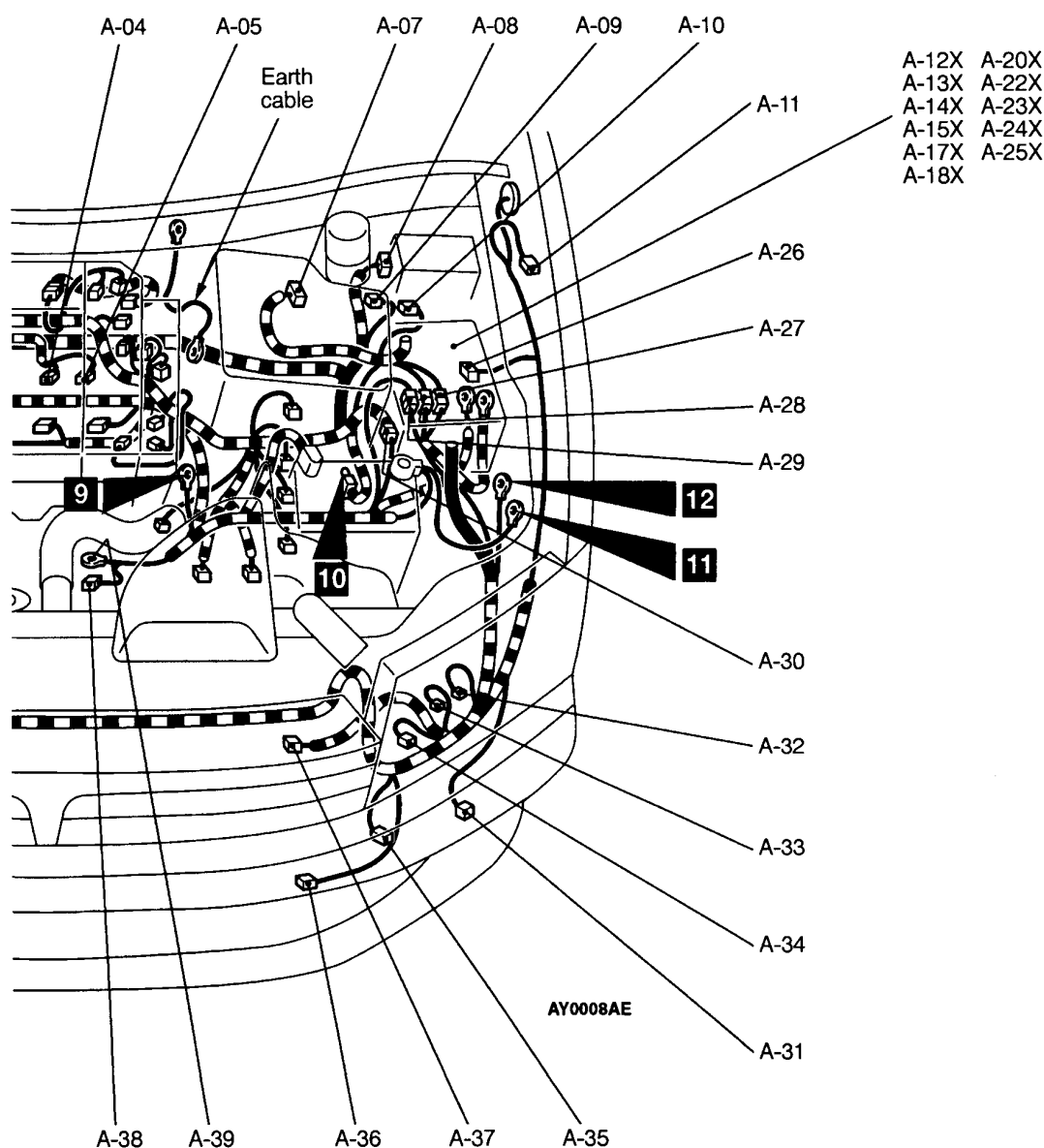


Connector colour code

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



A-01 (5-GR)	Windshield wiper motor	A-15X (4)	Fuel pump relay
A-02 (2-GR)	Injector 1	A-17X (5)	A/C compressor relay
A-03 (2-GR)	Injector 2	A-18X (3)	Inspection connector
A-04 (2-GR)	Injector 3	A-20X (4)	Fan control relay
A-05 (2-GR)	Injector 4	A-22X (5)	Horn relay
A-06 (10-B)	Control wiring harness and injector wiring harness combination	A-23X (5)	Front fog lamp relay
A-07 (7-B)	Air flow sensor	A-24X (11)	Front-ECU
A-08 (26-B)	Injector driver	A-25X (11)	Front-ECU
A-09 (3-B)	Brake vacuum sensor	A-26 (2-B)	Wheel speed sensor (Front: LH) <ABS>
A-10 (2-GR)	Brake fluid level switch	A-27 (8-B)	Front wiring harness and control wiring harness combination
A-11 (2-GR)	Side turn signal lamp (LH)	A-28 (17-GR)	Front wiring harness and control wiring harness combination
A-12X (4)	A/T control relay	A-29 (4-B)	Front wiring harness and battery wiring harness combination
A-13X (4)	Injector driver control relay		
A-14X (4)	Engine control relay		



A-30 (5-B)	Battery wiring harness and control wiring harness combination	A-43 (2-B)	Headlamp washer motor
A-31 (2-BR)	Front turn signal lamp (LH)	A-44 (2-B)	Rear washer motor
A-32 (3-B)	Headlamp (LH)	A-45 (2)	Windshield washer motor
A-33 (6-B)	Headlamp assembly (LH)	A-46 (2-BR)	Front turn signal lamp (RH)
A-34 (2-B)	Front fog lamp (LH)	A-47 (6-B)	Headlamp assembly (RH)
A-35 (1-B)	Horn (H)	A-48 (3-B)	Headlamp (RH)
A-36 (2-B)	Outside thermo sensor	A-49 (1-B)	Oil pressure switch
A-37 (3-GR)	Fan controller	A-50 (1)	Alternator
A-38 (1)	Starter	A-51 (2-B)	Wheel speed sensor (Front:RH) <ABS>
A-39 (1-B)	Starter	A-52 (4-GR)	Alternator
A-40 (2-GR)	Dual pressure switch <A/C>	A-53 (2-GR)	Side turn signal lamp (RH)
A-41 (1-B)	Horn (LO)	A-54 (25-B)	ABS-ECU
A-42 (2-B)	Front fog lamp (RH)	A-58 (2-B)	Engine oil level sensor

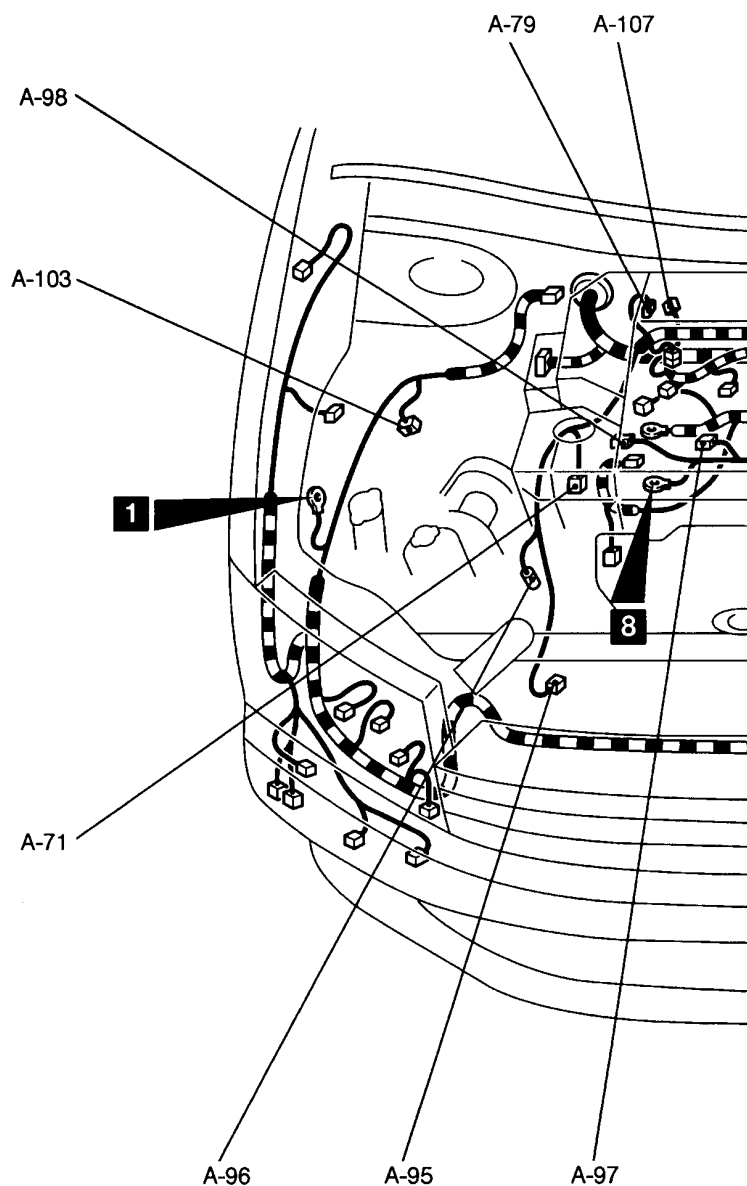
SPACE RUNNER <4G64-GDI (L.H. drive vehicles)>

Connector
symbol

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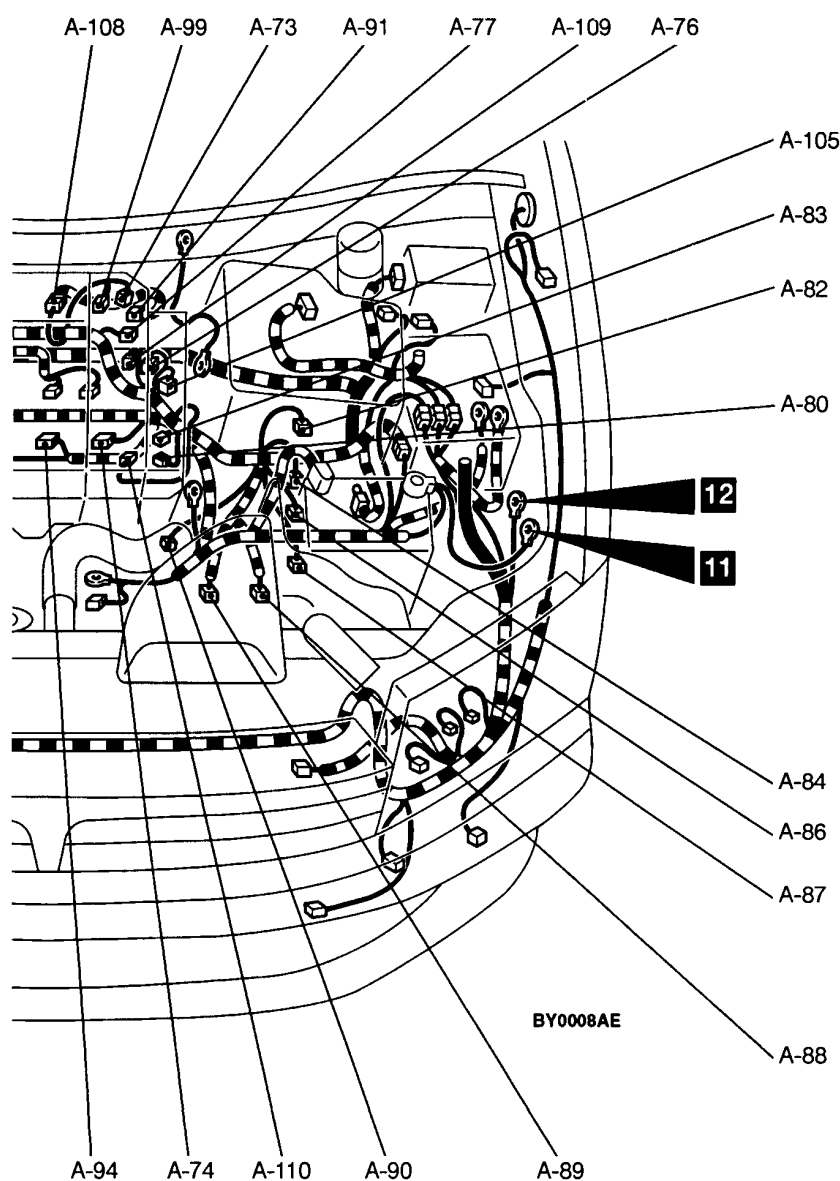
Connector colour code

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



A-71 (3-B) Crank angle sensor
A-73 (4-B) Throttle position sensor
A-74 (3-GR) Ignition coil 4
A-76 (2-B) Purge control solenoid valve
A-77 (3-B) Fuel pressure sensor

A-79 (2-GR) Detonation sensor
A-80 (2-B) Engine coolant temperature sensor
A-82 (3-GR) Output shaft speed sensor <A/T>
A-83 (1-B) Engine coolant temperature gauge unit
A-84 (2-B) Back-up lamp switch <M/T>

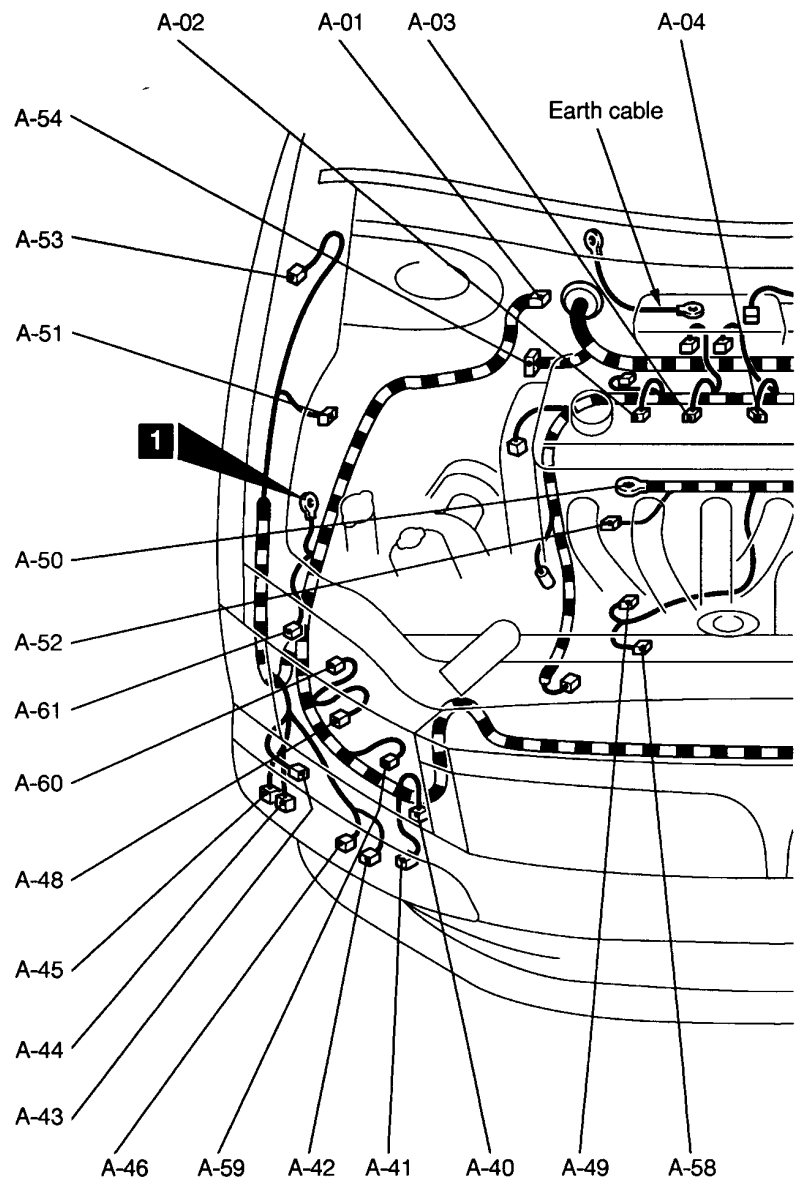
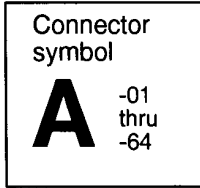


A-86 (3-B) Vehicle speed sensor <M/T>
 A-87 (2-GR) M/T oil temperature sensor
 A-88 (10-GR) A/T control solenoid valve assembly
 A-89 (10-B) Inhibitor switch <A/T>
 A-90 (3-B) Input shaft speed sensor <A/T>
 A-91 (6-GR) EGR valve
 A-94 (3-GR) Ignition coil 3
 A-95 (1-BR) A/C compressor magnetic clutch
 A-96 (1) Power steering oil pressure switch
 A-97 (3-GR) Ignition coil 2

A-98 (3-GR) Ignition coil 1
 A-99 (4-GR) Throttle control servo
 A-103 (8-GR) Accelerator pedal position sensor
 A-105 (4-B) Ignition failure sensor
 A-107 (2-B) Oil level valve
 A-108 (6-B) Engine control wiring harness and EGR wiring harness combination
 A-109 (3-B) Camshaft position sensor 2
 A-110 (3-B) Camshaft position sensor 1

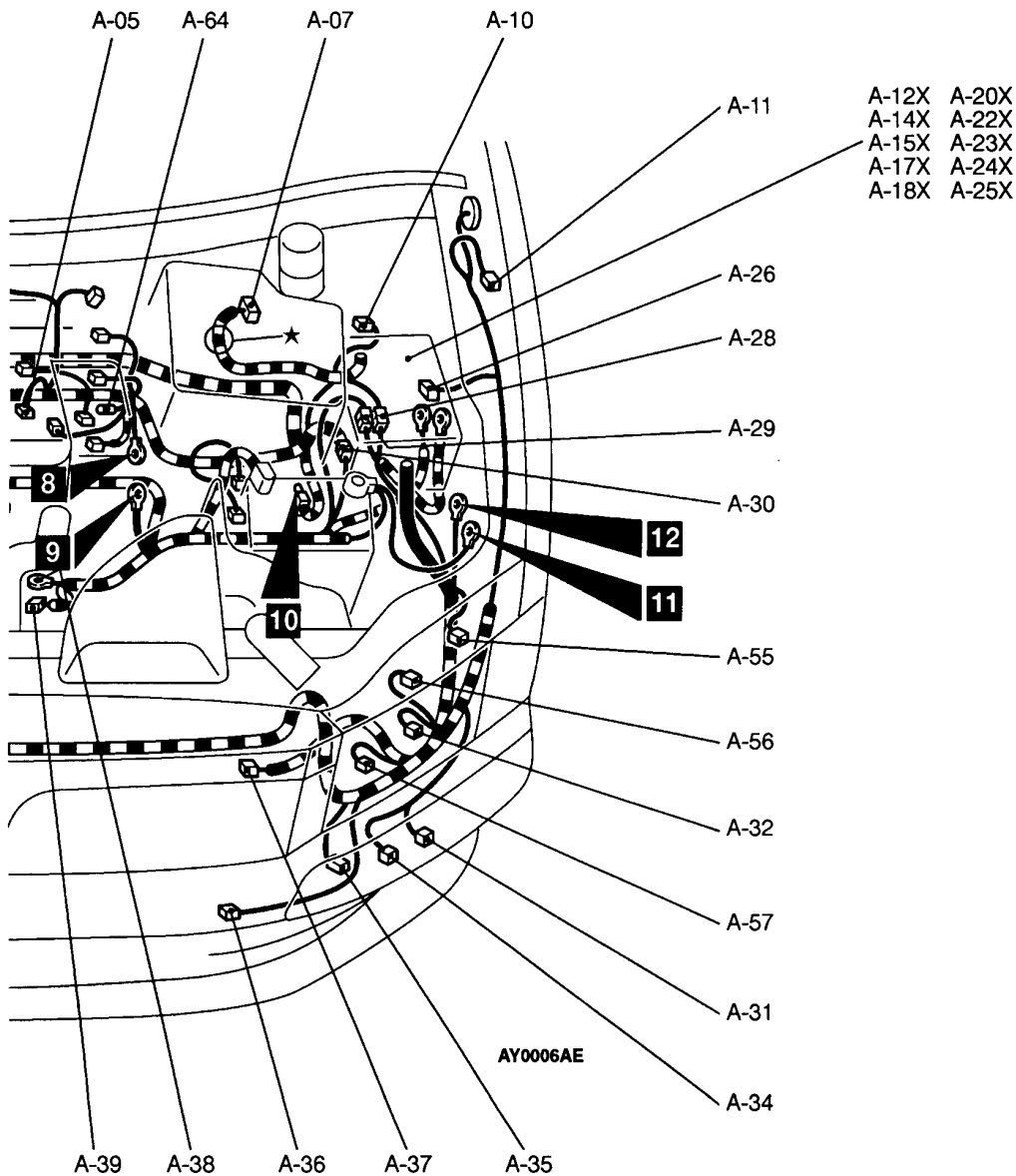
ENGINE COMPARTMENT

SPACE WAGON <4G64-MPI (L.H. drive vehicles)>



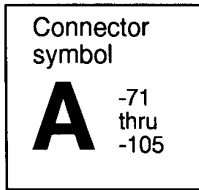
A-01 (5-GR) Windshield wiper motor
 A-02 (2-GR) Injector 1
 A-03 (2-GR) Injector 2
 A-04 (2-GR) Injector 3
 A-05 (2-GR) Injector 4
 A-07 (7-B) Air flow sensor
 A-10 (2-GR) Brake fluid level switch
 A-11 (2-GR) Side turn signal lamp (LH)
 A-12X (4) A/T control relay
 A-14X (4) Engine control relay
 A-15X (4) Fuel pump relay
 A-17X (5) A/C compressor relay
 A-18X (3) Inspection connector

A-20X (4) Fan control relay
 A-22X (5) Horn relay
 A-23X (5) Front fog lamp relay
 A-24X (11) Front-ECU
 A-25X (11) Front-ECU
 A-26 (2-B) Wheel speed sensor (Front: LH) <ABS>
 A-28 (17-GR) Front wiring harness and control wiring harness combination
 A-29 (4-B) Front wiring harness and battery wiring harness combination
 A-30 (5-B) Battery wiring harness and control wiring harness combination



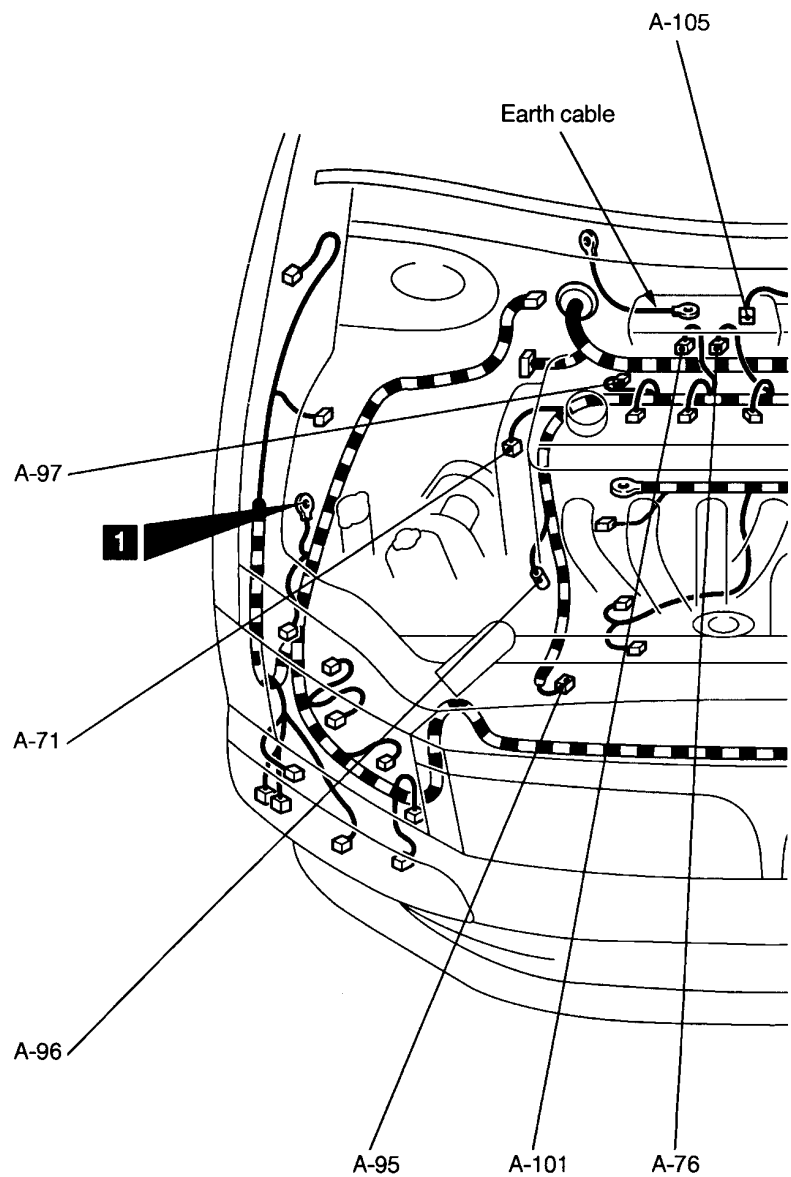
A-31 (2-B)	Front turn signal lamp (LH)	A-48 (3-B)	Headlamp (RH)
A-32 (3-B)	Headlamp (LH)	A-49 (1-B)	Oil pressure switch
A-34 (2-GR)	Front fog lamp (LH)	A-50 (1)	Alternator
A-35 (1-B)	Horn (HI)	A-51 (2-B)	Wheel speed sensor (Front: RH) <ABS>
A-36 (2-B)	Outside thermo sensor	A-52 (4-GR)	Alternator
A-37 (3-GR)	Fan controller	A-53 (2-GR)	Side turn signal lamp (RH)
A-38 (1)	Starter	A-54 (25-B)	ABS-ECU
A-39 (1-B)	Starter	A-55 (2-GR)	Position lamp 1 (LH)
A-40 (2-GR)	Dual pressure switch <A/C>	A-56 (3-GR)	Headlamp leveling unit (LH)
A-41 (1-B)	Horn (LO)	A-57 (2-B)	Position lamp 2 (LH)
A-42 (2-GR)	Front fog lamp (RH)	A-58 (2-B)	Engine oil level sensor
A-43 (2-B)	Headlamp washer motor	A-59 (2-B)	Position lamp 2 (RH)
A-44 (2-B)	Rear washer motor	A-60 (3-GR)	Headlamp leveling unit (RH)
A-45 (2)	Windshield washer motor	A-61 (2-GR)	Position lamp 1 (RH)
A-46 (2-B)	Front turn signal lamp (RH)	A-64 (1)	Capacitor

SPACE WAGON <4G64-MPI (L.H. drive vehicles)>



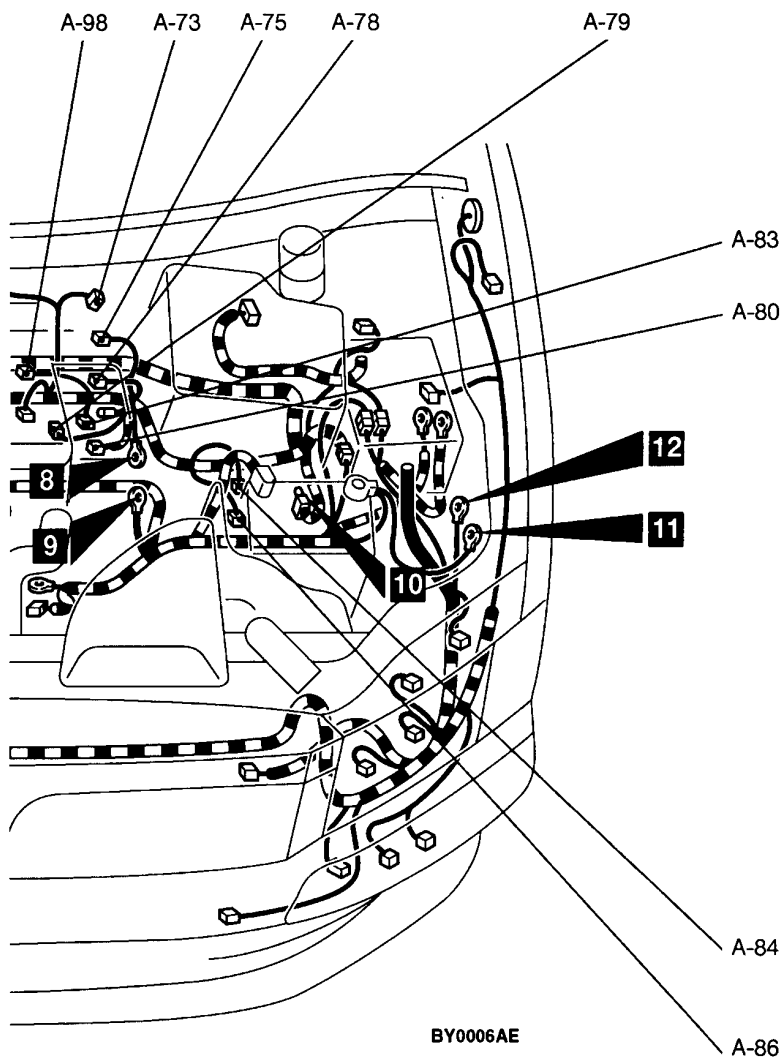
Connector colour code

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



A-71 (3-B) Crank angle sensor
 A-73 (4-B) Throttle position sensor
 A-75 (6-B) Idle speed control servo
 A-76 (2-B) Purge control solenoid valve
 A-78 (3-B) Camshaft position sensor

A-79 (2-GR) Detonation sensor
 A-80 (2-B) Engine coolant temperature sensor
 A-83 (1-B) Engine coolant temperature gauge unit
 A-84 (2-B) Back-up lamp switch

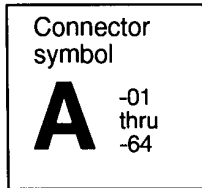


A-86 (3-B) Vehicle speed sensor
 A-95 (1-BR) A/C compressor magnetic clutch
 A-96 (1) Power steering oil pressure switch
 A-97 (3-GR) Ignition coil 2

A-98 (3-GR) Ignition coil 1
 A-101 (2-BR) EGR solenoid valve
 A-105 (4-B) Ignition failure sensor

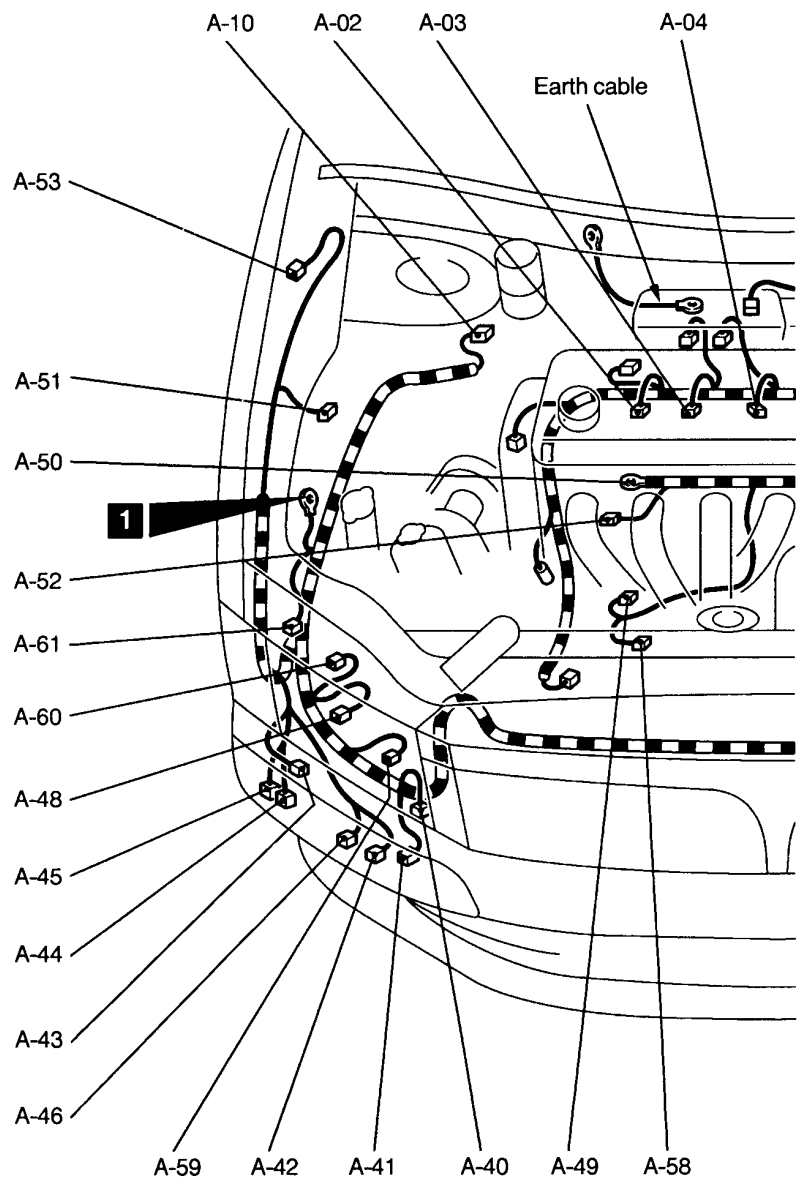
ENGINE COMPARTMENT

SPACE WAGON <4G63-MPI (R.H. drive vehicles)>



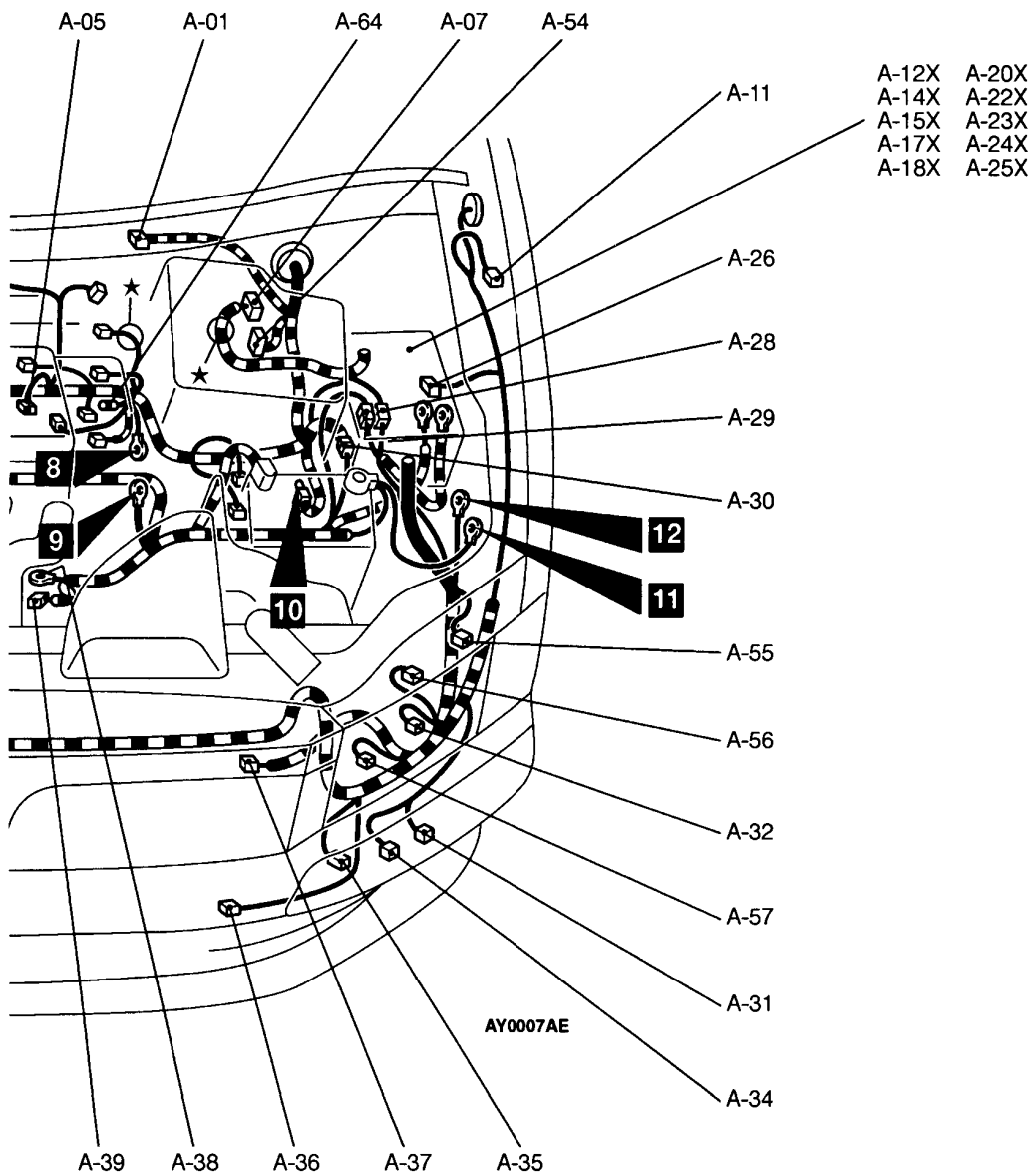
Connector colour code

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



A-01 (5-GR) Windshield wiper motor
 A-02 (2-GR) Injector 1
 A-03 (2-GR) Injector 2
 A-04 (2-GR) Injector 3
 A-05 (2-GR) Injector 4
 A-07 (7-B) Air flow sensor
 A-10 (2-GR) Brake fluid level switch
 A-11 (2-GR) Side turn signal lamp (LH)
 A-12X (4) A/T control relay
 A-14X (4) Engine control relay
 A-15X (4) Fuel pump relay
 A-17X (5) A/C compressor relay
 A-18X (3) Inspection connector

A-20X (4) Fan control relay
 A-22X (5) Horn relay
 A-23X (5) Front fog lamp relay
 A-24X (11) Front-ECU
 A-25X (11) Front-ECU
 A-26 (2-B) Wheel speed sensor (Front: LH) <ABS>
 A-28 (17-GR) Front wiring harness and control wiring harness combination
 A-29 (4-B) Front wiring harness and battery wiring harness combination
 A-30 (5-B) Battery wiring harness and control wiring harness combination



A-31 (2-B)	Front turn signal lamp (LH)	A-48 (3-B)	Headlamp (RH)
A-32 (3-B)	Headlamp (LH)	A-49 (1-B)	Oil pressure switch
A-34 (2-GR)	Front fog lamp (LH)	A-50 (1)	Alternator
A-35 (1-B)	Horn (HI)	A-51 (2-B)	Wheel speed sensor (Front: RH) <ABS>
A-36 (2-B)	Outside thermo sensor	A-52 (4-GR)	Alternator
A-37 (3-GR)	Fan controller	A-53 (2-GR)	Side turn signal lamp (RH)
A-38 (1)	Starter	A-54 (25-B)	ABS-ECU
A-39 (1-B)	Starter	A-55 (2-GR)	Position lamp 1 (LH)
A-40 (2-GR)	Dual pressure switch <A/C>	A-56 (3-GR)	Headlamp leveling unit (LH)
A-41 (1-B)	Horn (LO)	A-57 (2-B)	Position lamp 2 (LH)
A-42 (2-GR)	Front fog lamp (RH)	A-58 (2-B)	Engine oil level sensor
A-43 (2-B)	Headlamp washer motor	A-59 (2-B)	Position lamp 2 (RH)
A-44 (2-B)	Rear washer motor	A-60 (3-GR)	Headlamp leveling unit (RH)
A-45 (2)	Windshield washer motor	A-61 (2-GR)	Position lamp 1 (RH)
A-46 (2-B)	Front turn signal lamp (RH)	A-64 (1-B)	Capacitor

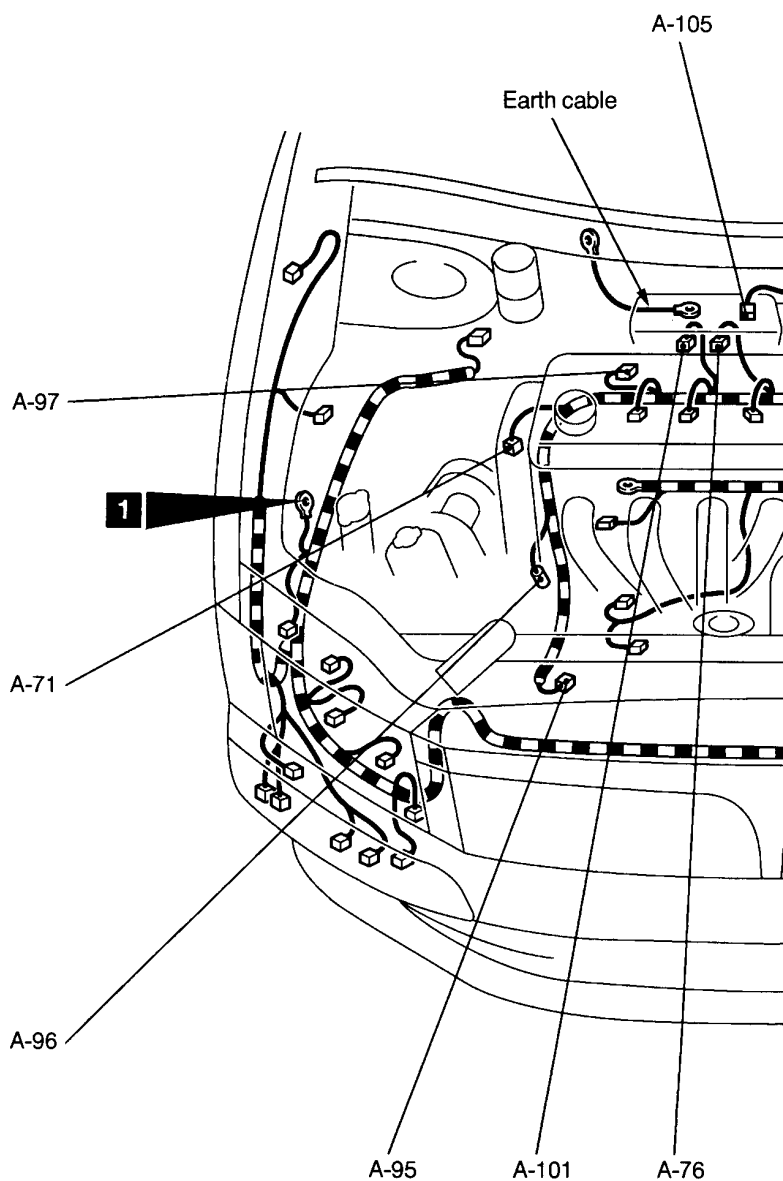
SPACE WAGON <4G63-MPI (R.H. drive vehicles)>

Connector
symbol

A -71
thru
-105

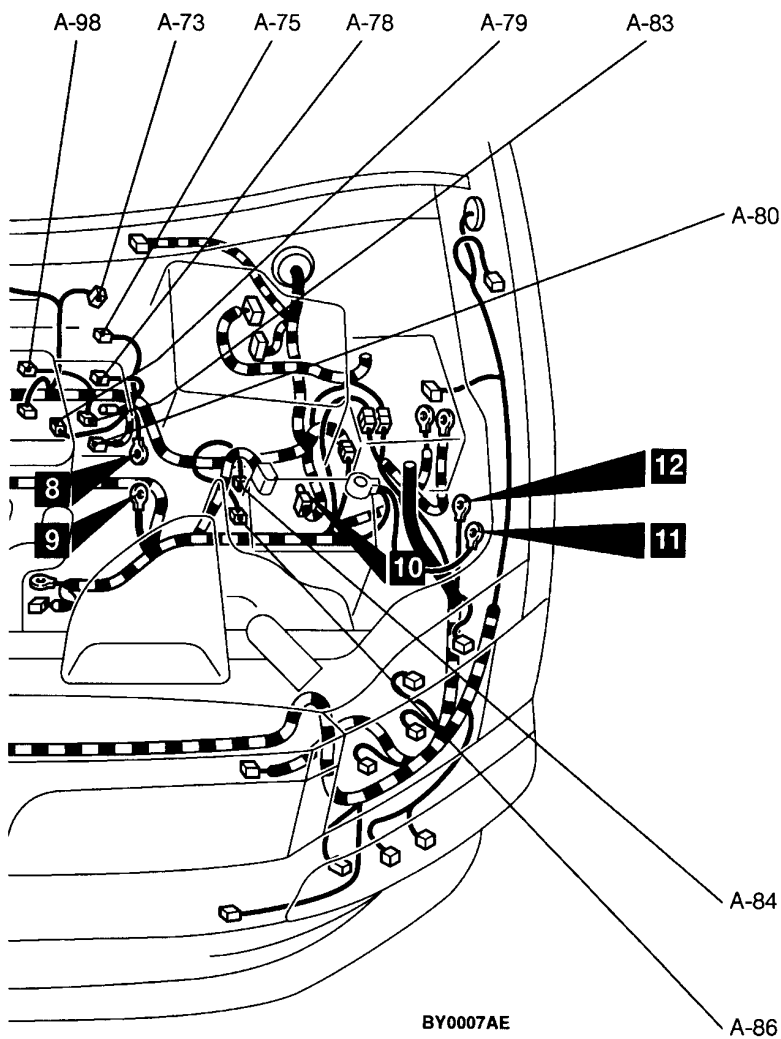
Connector colour code

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



A-71 (3-B) Crank angle sensor
A-73 (4-B) Throttle position sensor
A-75 (6-B) Idle speed control servo
A-76 (2-B) Purge control solenoid valve
A-78 (3-B) Camshaft position sensor

A-79 (2-GR) Detonation sensor
A-80 (2-B) Engine coolant temperature sensor
A-83 (1-B) Engine coolant temperature gauge unit
A-84 (2-B) Back-up lamp switch



A-86 (3-B) Vehicle speed sensor
 A-88 (10-GR) A/T control solenoid valve assembly
 A-95 (1-BR) A/C compressor magnetic clutch
 A-96 (1) Power steering oil pressure switch

A-97 (3-GR) Ignition coil 2
 A-98 (3-GR) Ignition coil 1
 A-101 (2-BR) EGR solenoid valve
 A-105 (4-B) Ignition failure sensor

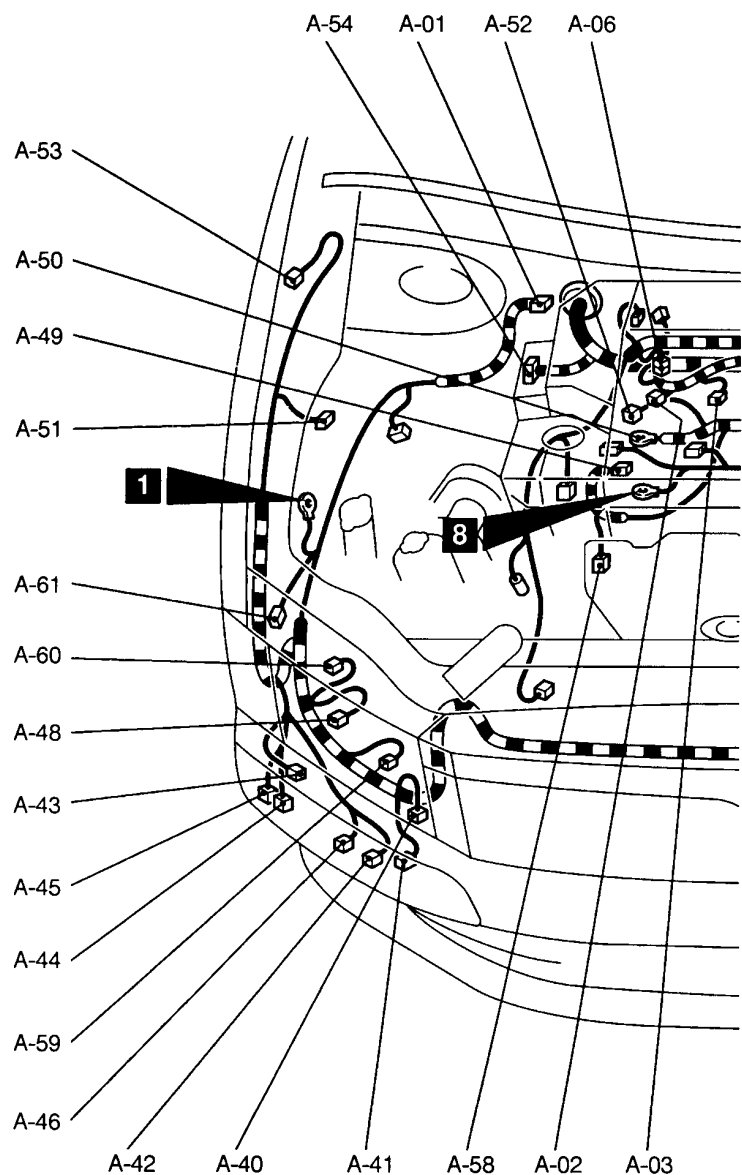
ENGINE COMPARTMENT

SPACE WAGON <4G64-GDI (L.H. drive vehicles)>

Connector
symbol**A**-01
thru
-61

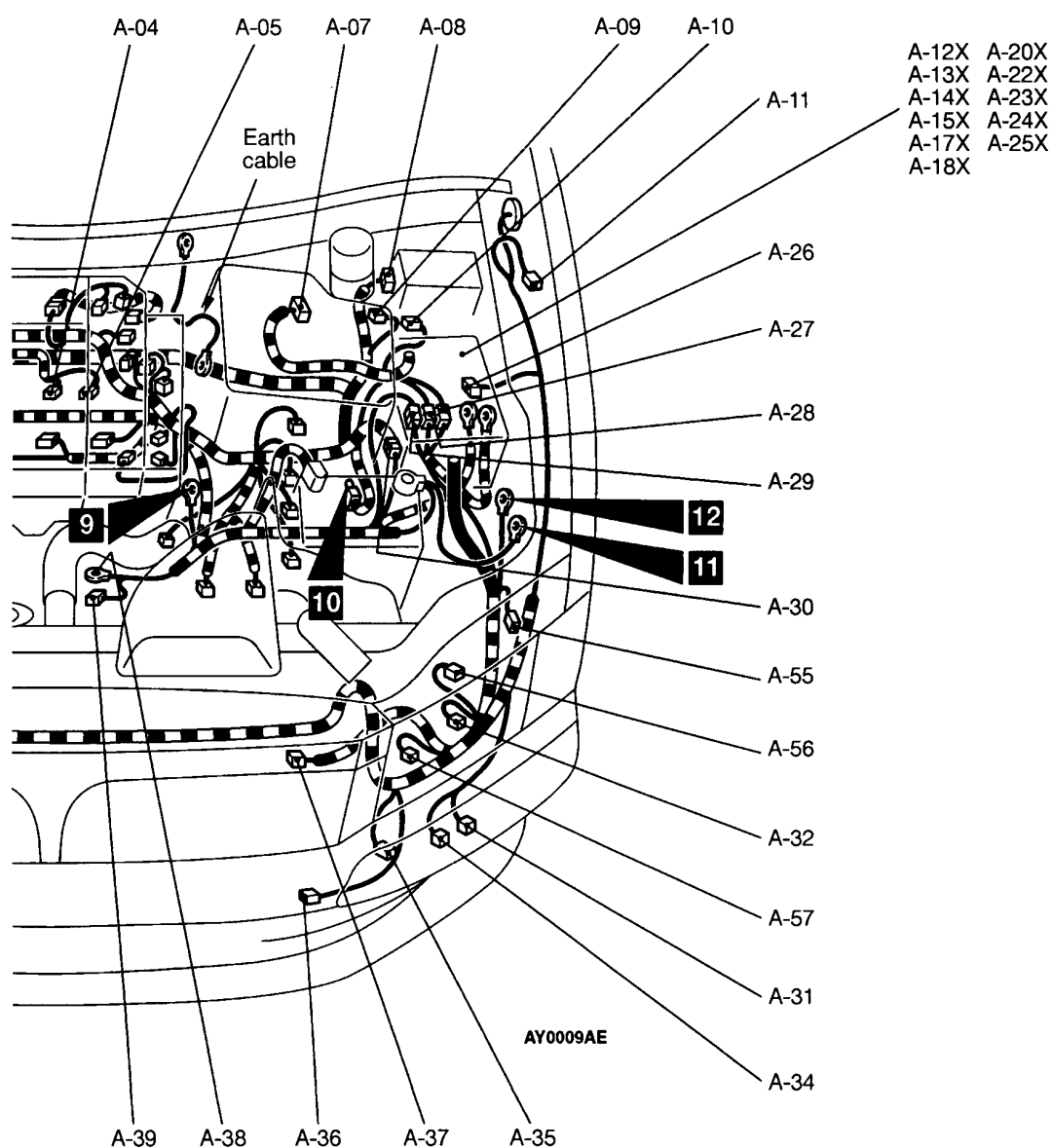
Connector colour code

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



A-01 (5-GR)	Windshield wiper motor
A-02 (2-GR)	Injector 1
A-03 (2-GR)	Injector 2
A-04 (2-GR)	Injector 3
A-05 (2-GR)	Injector 4
A-06 (10-B)	Control wiring harness and injector wiring harness combination
A-07 (7-B)	Air flow sensor
A-08 (26-B)	Injector driver
A-09 (3-B)	Brake vacuum sensor
A-10 (2-GR)	Brake fluid level switch
A-11 (2-GR)	Side turn signal lamp (LH)
A-12X (4)	A/T control relay
A-13X (4)	Injector driver control relay
A-14X (4)	Engine control relay
A-15X (4)	Fuel pump relay

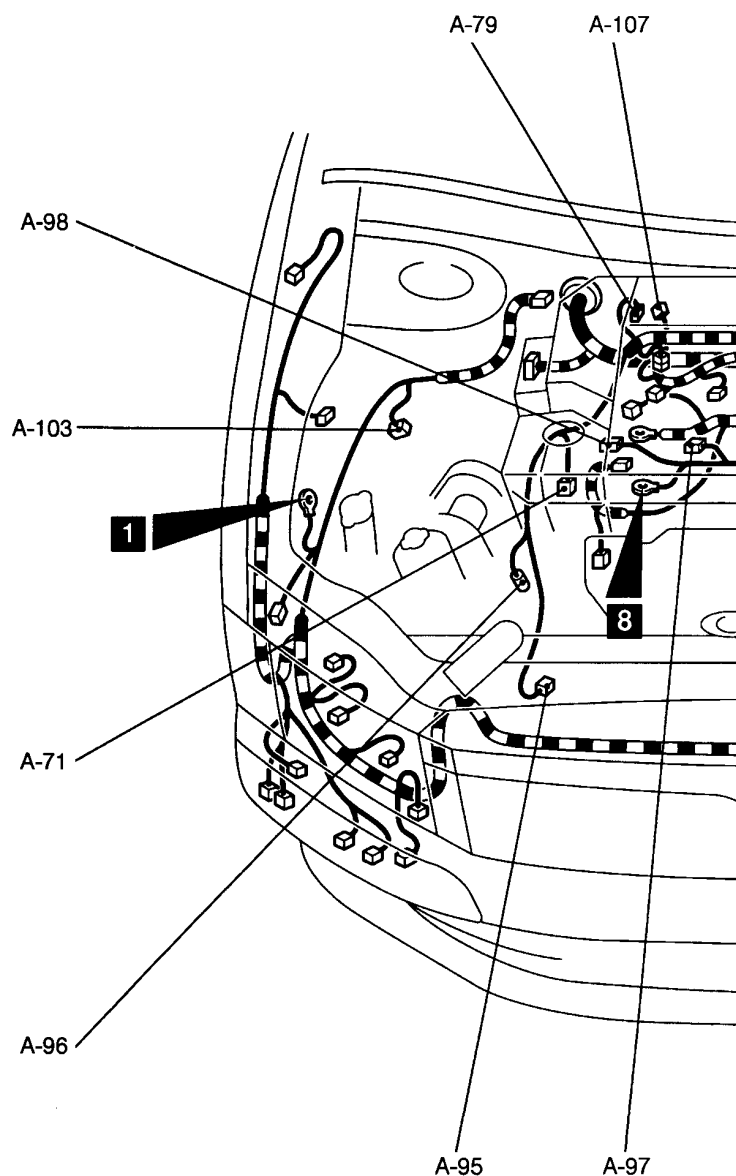
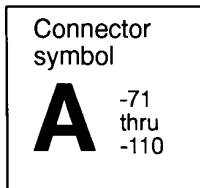
A-17X (5)	A/C compressor relay
A-18X (3)	Inspection connector
A-20X (4)	Fan control relay
A-22X (5)	Horn relay
A-23X (5)	Front fog lamp relay
A-24X (11)	Front-ECU
A-25X (11)	Front-ECU
A-26 (2-B)	Wheel speed sensor (Front: LH) <ABS>
A-27 (8-B)	Front wiring harness and control wiring harness combination
A-28 (17-GR)	Front wiring harness and control wiring harness combination
A-29 (4-B)	Front wiring harness and battery wiring harness combination
A-30 (5-B)	Battery wiring harness and control wiring harness combination



A-31 (2-B) Front turn signal lamp (LH)
 A-32 (3-B) Headlamp (LH)
 A-34 (2-GR) Front fog lamp (LH)
 A-35 (1-B) Horn (HI)
 A-36 (2-B) Outside thermo sensor
 A-37 (3-GR) Fan controller
 A-38 (1) Starter
 A-39 (1-B) Starter
 A-40 (2-GR) Dual pressure switch <A/C>
 A-41 (1-B) Horn (LO)
 A-42 (2-GR) Front fog lamp (RH)
 A-43 (2-B) Headlamp washer motor
 A-44 (2-B) Rear washer motor
 A-45 (2) Windshield washer motor
 A-46 (2-BR) Front turn signal lamp (RH)

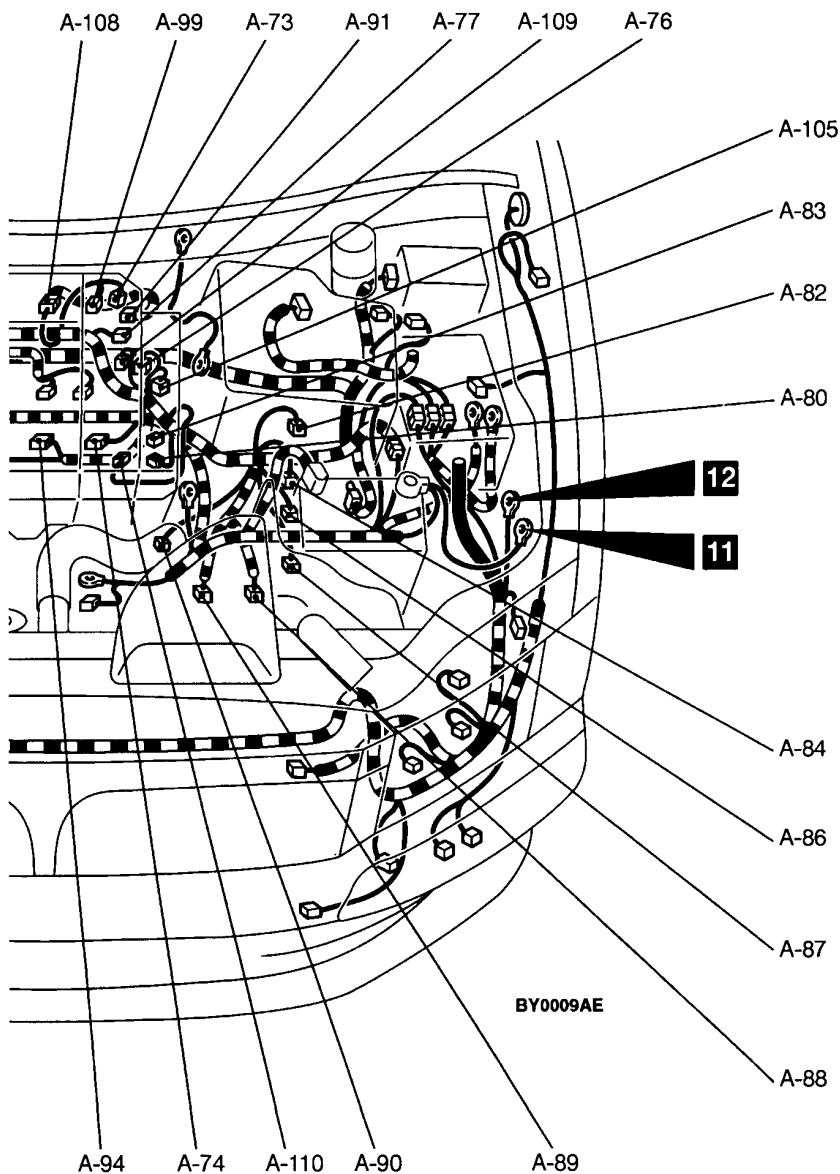
A-48 (3-B) Headlamp (RH)
 A-49 (1-B) Oil pressure switch
 A-50 (1) Alternator
 A-51 (2-B) Wheel speed sensor (Front:RH) <ABS>
 A-52 (4-GR) Alternator
 A-53 (2-GR) Side turn signal lamp (RH)
 A-54 (25-B) ABS-ECU
 A-55 (2-GR) Position lamp 1 (LH)
 A-56 (3-GR) Headlamp leveling unit (LH)
 A-57 (2-B) Position lamp 2 (LH)
 A-58 (2-B) Engine oil level sensor
 A-59 (2-B) Position lamp 2 (RH)
 A-60 (3-GR) Headlamp leveling unit (RH)
 A-61 (2-GR) Position lamp 1 (RH)

SPACE WAGON <4G64-GDI (L.H. drive vehicles)>



A-71 (3-B) Crank angle sensor
 A-73 (4-B) Throttle position sensor
 A-74 (3-GR) Ignition coil 4
 A-76 (2-B) Purge control solenoid valve
 A-77 (3-B) Fuel pressure sensor

A-79 (2-GR) Detonation sensor
 A-80 (2-B) Engine coolant temperature sensor
 A-82 (3-GR) Output shaft speed sensor <A/T>
 A-83 (1-B) Engine coolant temperature gauge unit
 A-84 (2-B) Brack-up lamp switch <M/T>



A-86 (3-B) Vehicle speed sensor <M/T>
 A-87 (2-GR) M/T oil temperature sensor
 A-88 (10-GR) A/T control solenoid valve assembly
 A-89 (10-B) Inhibitor switch <A/T>
 A-90 (3-B) Input shaft speed sensor <A/T>
 A-91 (6-GR) EGR valve
 A-94 (3-GR) Ignition coil 3
 A-95 (1-BR) A/C compressor magnetic clutch
 A-96 (1) Power steering oil pressure switch
 A-97 (3-GR) Ignition coil 2

A-98 (3-GR) Ignition coil 1
 A-99 (4-GR) Throttle control servo
 A-103 (8-GR) Accelerator pedal position sensor
 A-105 (4-B) Ignition failure sensor
 A-107 (2-B) Oil control valve
 A-108 (6-B) Engine control wiring harness and EGR
 wiring harness combination
 A-109 (3-B) Camshaft position sensor 2
 A-110 (3-B) Camshaft position sensor 1

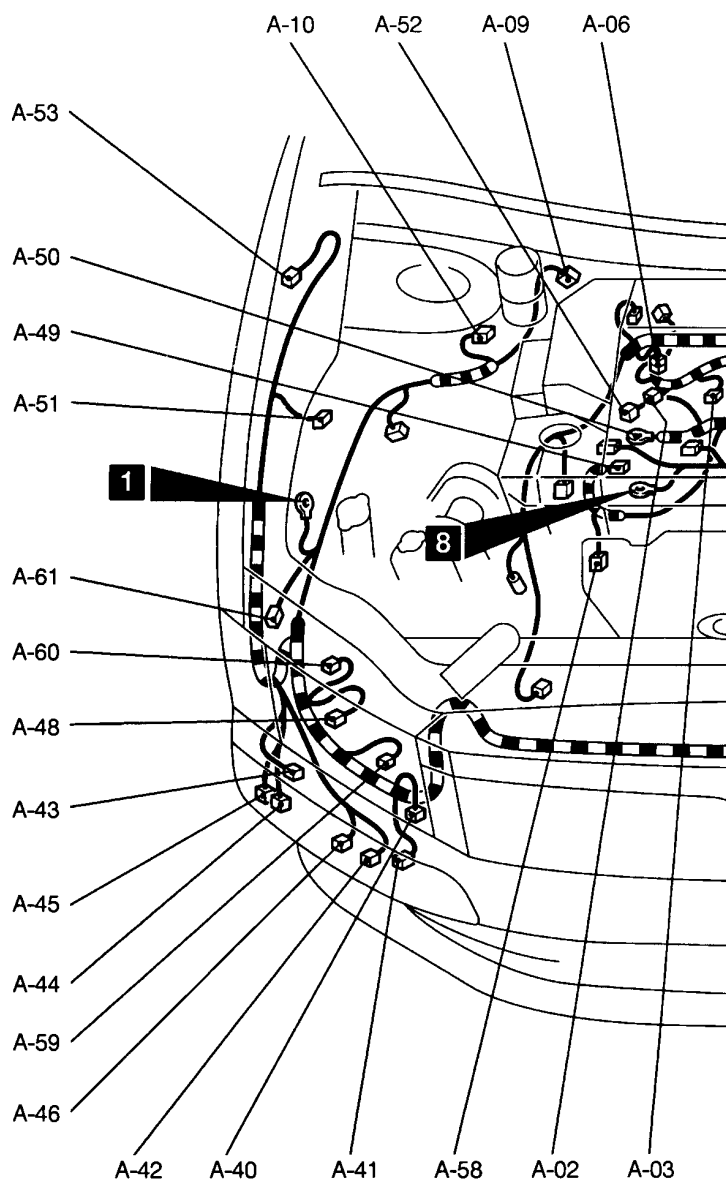
ENGINE COMPARTMENT

SPACE WAGON <4G64-GDI (R.H. drive vehicles)>

Connector
symbol**A**-01
thru
-61

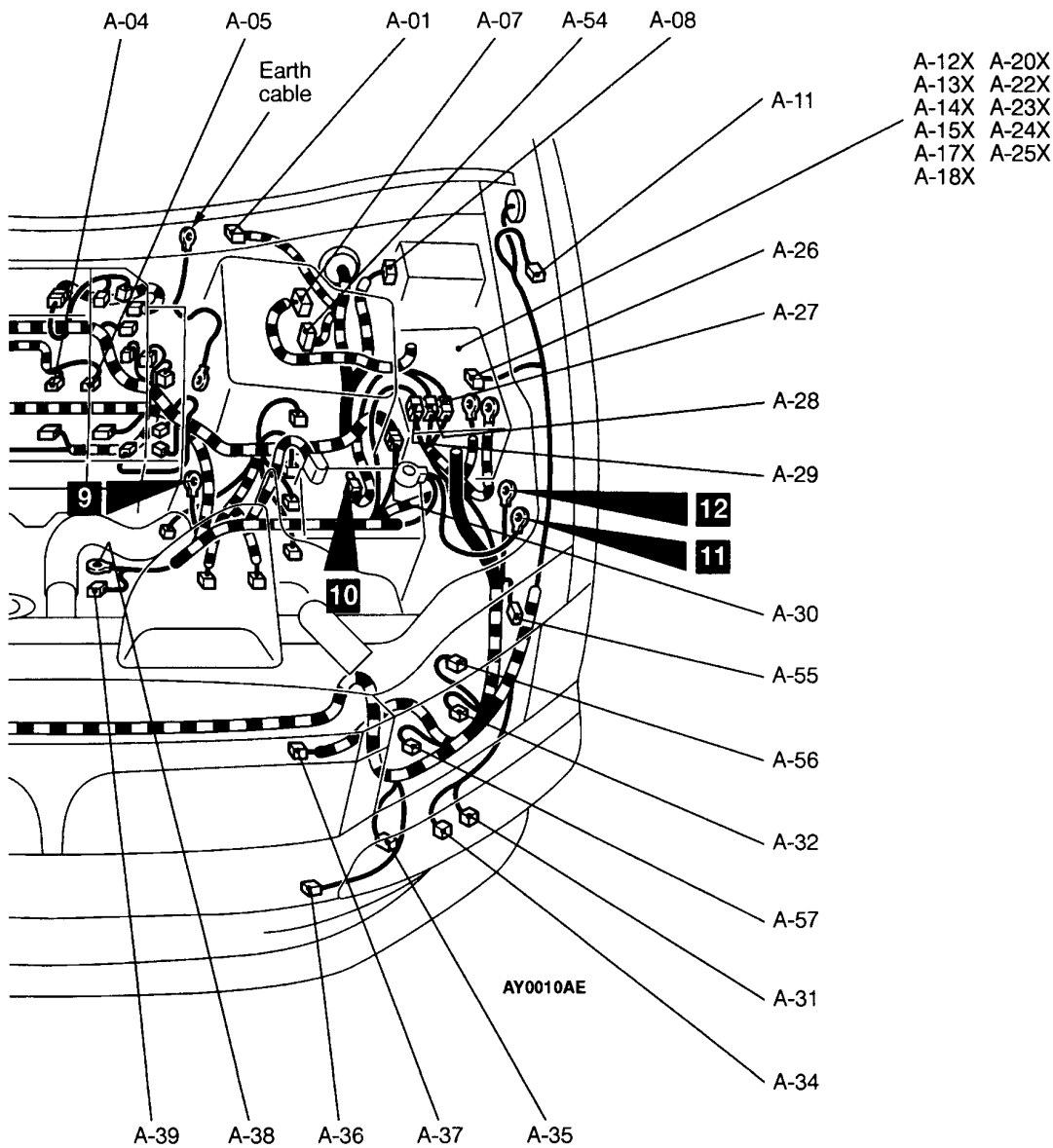
Connector colour code

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



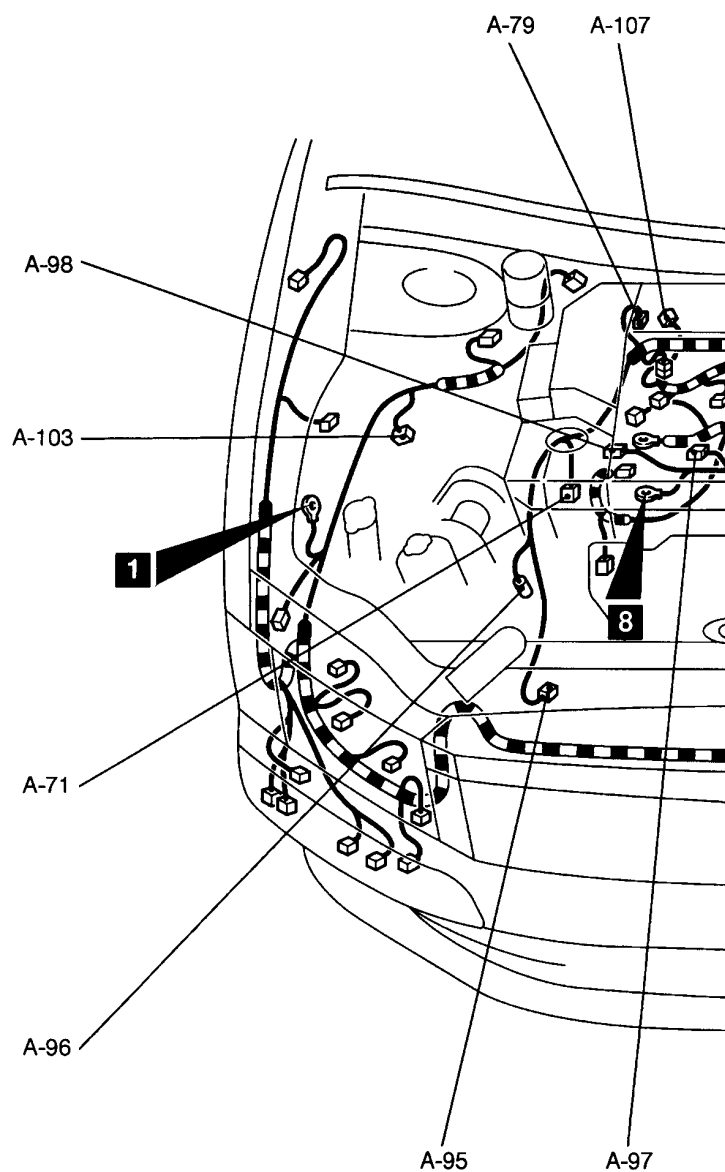
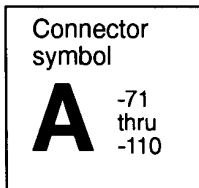
A-01 (5-GR) Windshield wiper motor
 A-02 (2-GR) Injector 1
 A-03 (2-GR) Injector 2
 A-04 (2-GR) Injector 3
 A-05 (2-GR) Injector 4
 A-06 (10-B) Control wiring harness and injector wiring harness combination
 A-07 (7-B) Air flow sensor
 A-08 (26-B) Injector driver
 A-09 (3-B) Brake vacuum sensor
 A-10 (2-GR) Brake fluid level switch
 A-11 (2-GR) Side turn signal lamp (LH)
 A-12X (4) A/T control relay
 A-13X (4) Injector driver control relay
 A-14X (4) Engine control relay
 A-15X (4) Fuel pump relay

A-17X (5) A/C compressor relay
 A-18X (3) Inspection connector
 A-20X (4) Fan control relay
 A-22X (5) Horn relay
 A-23X (5) Front fog lamp relay
 A-24X (11) Front-ECU
 A-25X (11) Front-ECU
 A-26 (2-B) Wheel speed sensor (Front: LH) <ABS>
 A-27 (8-B) Front wiring harness and control wiring harness combination
 A-28 (17-GR) Front wiring harness and control wiring harness combination
 A-29 (4-B) Front wiring harness and battery wiring harness combination
 A-30 (5-B) Battery wiring harness and control wiring harness combination



A-31 (2-B)	Front turn signal lamp (LH)	A-48 (3-B)	Headlamp (RH)
A-32 (3-B)	Headlamp (LH)	A-49 (1-B)	Oil pressure switch
A-34 (2-GR)	Front fog lamp (LH)	A-50 (1)	Alternator
A-35 (1-B)	Horn (HI)	A-51 (2-B)	Wheel speed sensor (Front: RH) <ABS>
A-36 (2-B)	Outside thermo sensor	A-52 (4-GR)	Alternator
A-37 (3-GR)	Fan controller	A-53 (2-GR)	Side turn signal lamp (RH)
A-38 (1)	Starter	A-54 (25-B)	ABS-ECU
A-39 (1-B)	Starter	A-55 (2-GR)	Position lamp 1 (LH)
A-40 (2-GR)	Dual pressure switch <A/C>	A-56 (3-GR)	Headlamp leveling unit (LH)
A-41 (1-B)	Horn (LO)	A-57 (2-B)	Position lamp 2 (LH)
A-42 (2-GR)	Front fog lamp (RH)	A-58 (2-B)	Engine oil level sensor
A-43 (2-B)	Headlamp washer motor	A-59 (2-B)	Position lamp 2 (RH)
A-44 (2-B)	Rear washer motor	A-60 (3-GR)	Headlamp leveling unit (RH)
A-45 (2)	Windshield washer motor	A-61 (2-GR)	Position lamp 1 (RH)
A-46 (2-BR)	Front turn signal lamp (RH)		

SPACE WAGON <4G64-GDI (R.H. drive vehicles)>

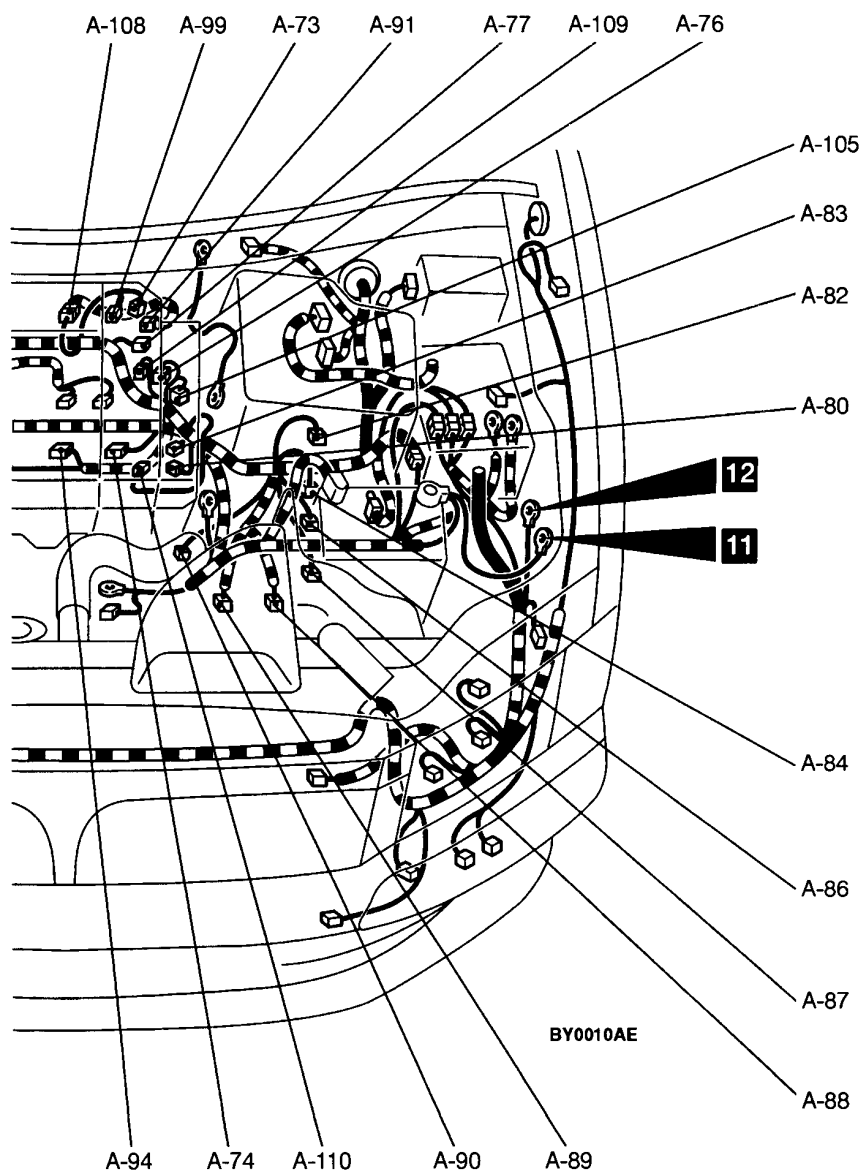


Connector colour code

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

A-71 (3-B) Crank angle sensor
 A-73 (4-B) Throttle position sensor
 A-74 (3-GR) Ignition coil 4
 A-76 (2-B) Purge control solenoid valve
 A-77 (3-B) Fuel pressure sensor

A-79 (2-GR) Detonation sensor
 A-80 (2-B) Engine coolant temperature sensor
 A-82 (3-GR) Output shaft speed sensor <A/T>
 A-83 (1-B) Engine coolant temperature gauge unit
 A-84 (2-B) Back-up lamp switch <M/T>



A-86 (3-B) Vehicle speed sensor <M/T>
 A-87 (2-GR) M/T oil temperature sensor
 A-88 (10-GR) A/T control solenoid valve assembly
 A-89 (10-B) Inhibitor switch <A/T>
 A-90 (3-B) Input shaft speed sensor <A/T>
 A-91 (6-GR) EGR valve
 A-94 (3-GR) Ignition coil 3
 A-95 (1-BR) A/C compressor magnetic clutch
 A-96 (1) Power steering oil pressure switch
 A-97 (3-GR) Ignition 2

A-98 (3-GR) Ignition 1
 A-99 (4-GR) Throttle control servo
 A-103 (8-GR) Accelerator pedal position sensor
 A-105 (4-B) Ignition failure sensor
 A-107 (2-B) Oil control valve
 A-108 (6-B) Engine control wiring harness and EGR wiring harness combination
 A-109 (3-B) Camshaft position sensor 2
 A-110 (3-B) Camshaft position sensor 1

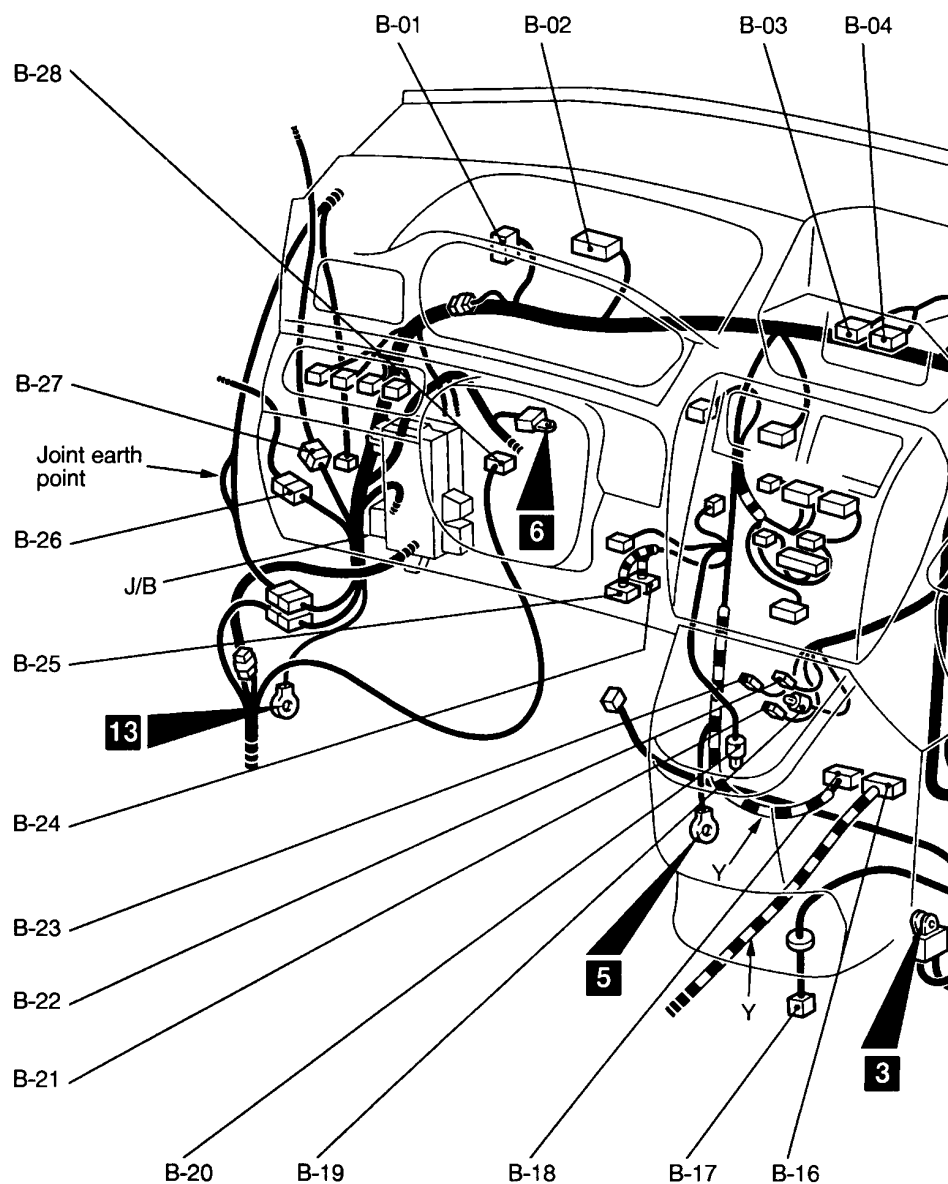
DASH PANEL

L.H. drive vehicles

Connector
symbol**B**-01
thru
-28

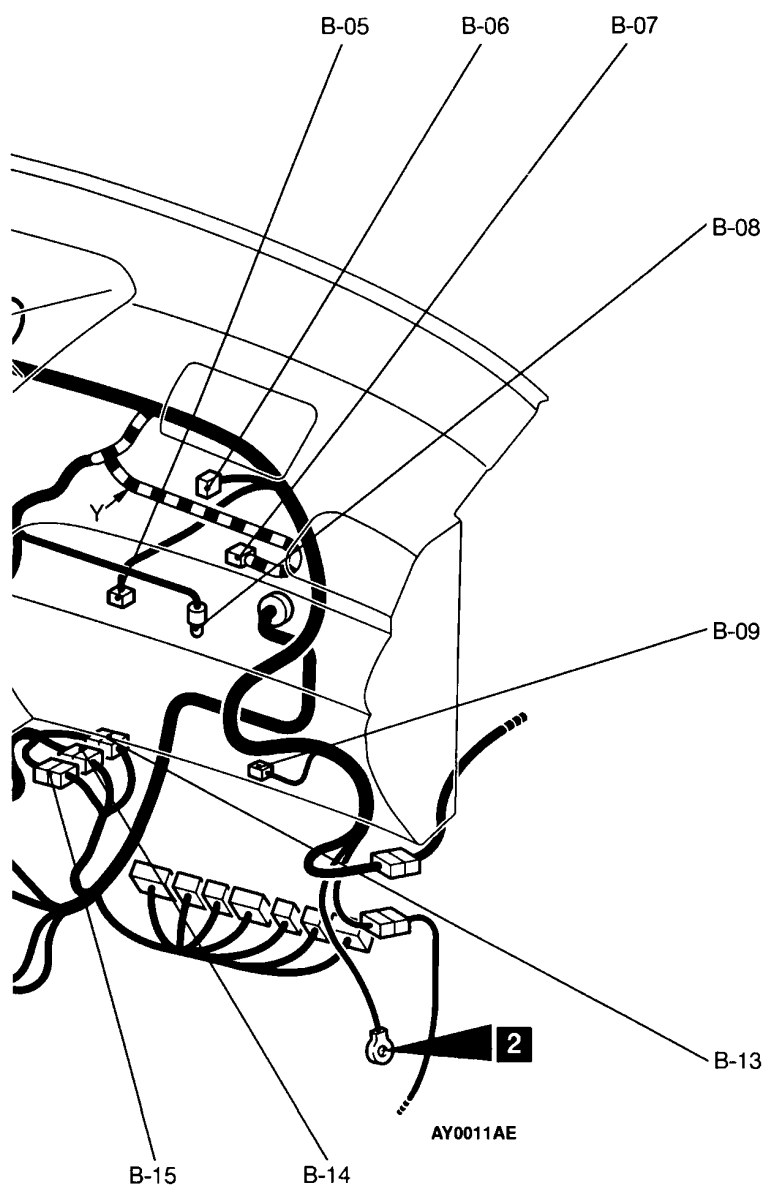
Connector colour code

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



B-01 (17) Combination meter
 B-02 (25) Combination meter
 B-03 (16-B) Multi center display unit
 B-04 (20-B) Multi center display unit
 B-05 (4) Blower resistor
 B-06 (7) Outside/Inside air selection damper control motor
 B-07 (2-R) Air bag module (squib) (Passenger's side)

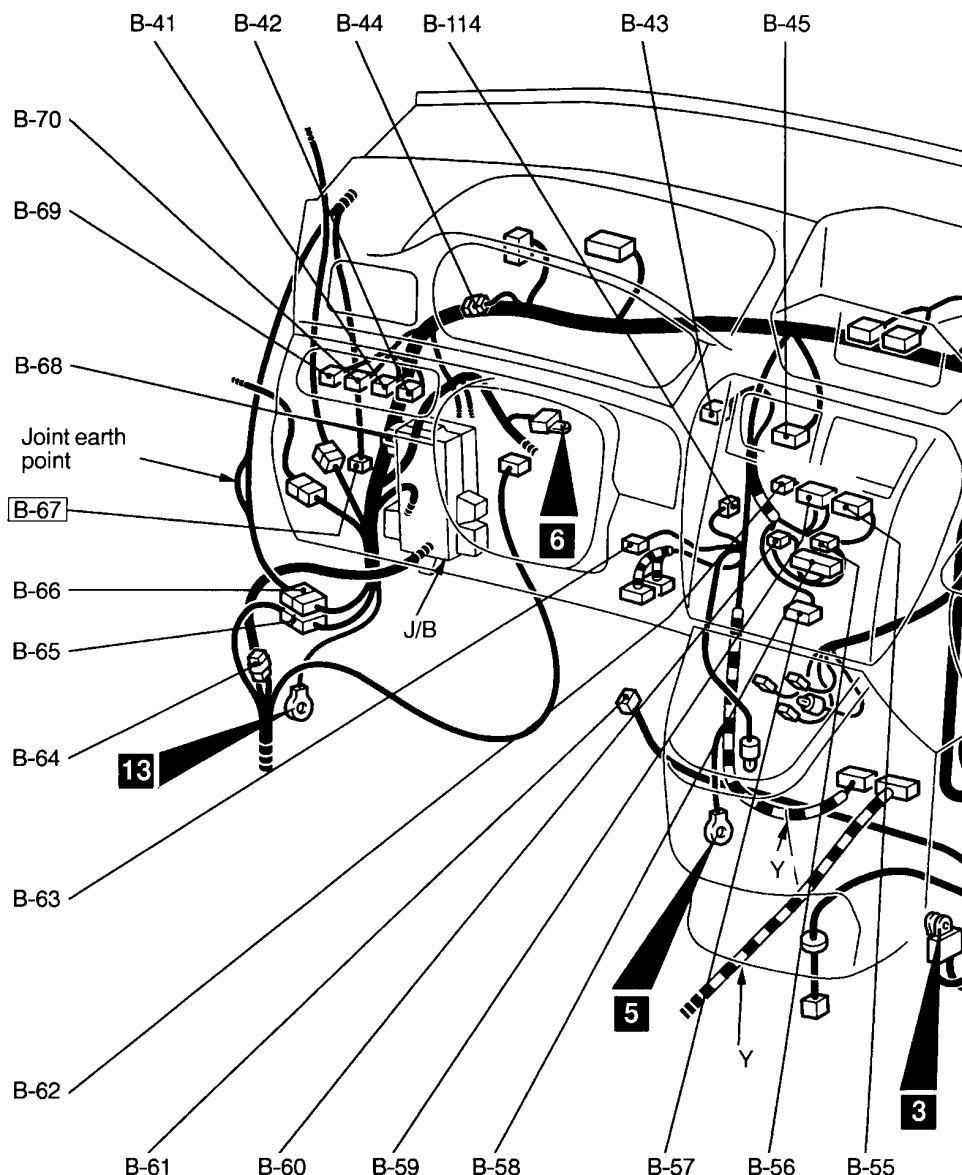
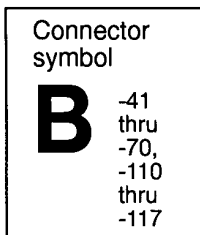
B-08 (2) Glove box lamp
 B-09 (2) Blower motor
 B-13 (4) Instrument panel wiring harness and control wiring harness combination
 B-14 (32) Instrument panel wiring harness and control wiring harness combination



B-15 (19) Instrument panel wiring harness and control wiring harness combination
 B-16 (22-Y) SRS-ECU
 B-17 (4-B) Oxygen sensor (Front)
 B-18 (16-Y) SRS-ECU
 B-19 (2) Cigarette lighter illumination lamp
 B-20 (2) Ashtray illumination lamp
 B-21 (1) Cigarette lighter
 B-22 (1-B) Cigarette lighter

B-23 (2) Shift switch illumination lamp <A/T>
 B-24 (12) Diagnosis connector
 B-25 (16-B) Diagnosis connector
 B-26 (32) Instrument panel wiring harness and front door wiring harness (Driver's side) combination
 B-27 (7) Instrument panel wiring harness and roof wiring harness combination
 B-28 (4) Stop lamp switch

L.H. drive vehicles

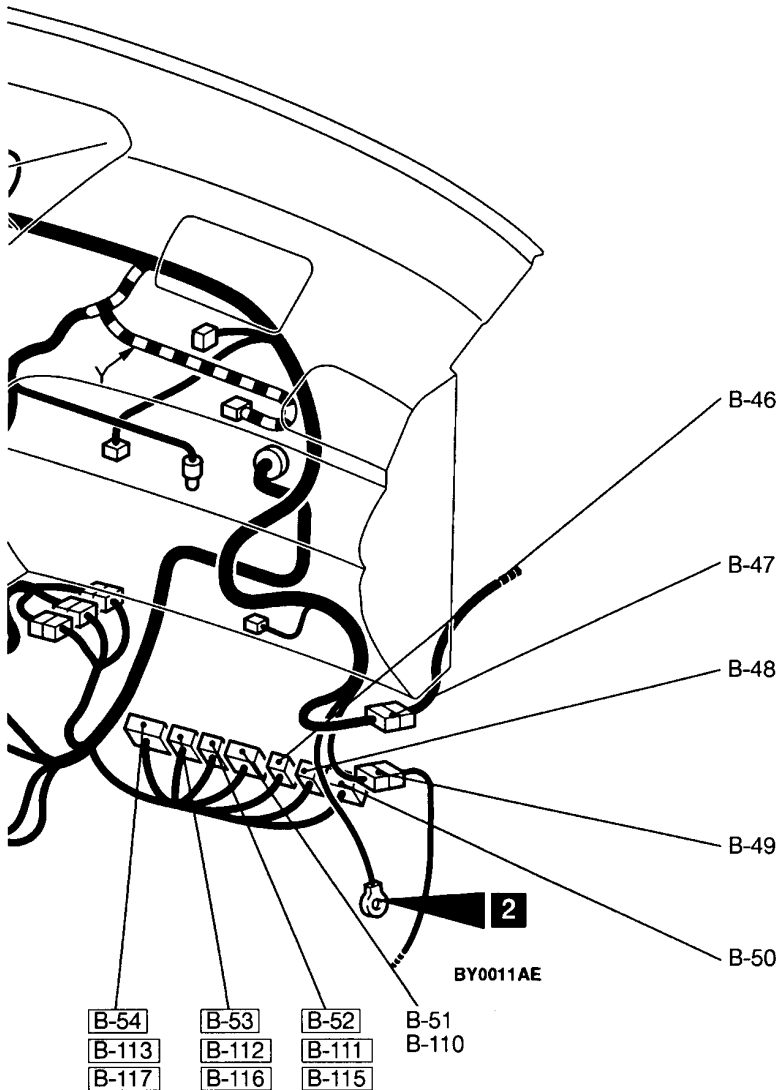


Connector colour code

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

B-41 (6-L)	Rheostat
B-42 (6-GR)	Headlamp leveling switch
B-43 (4)	Hazard warning switch
B-44 (33)	J/C (2)
B-45 (5)	Automatic compressor-ECU <A/C>
B-46 (6)	Engine oil level relay
B-47 (32)	Instrument panel wiring harness and front door wiring harness (Passenger's side) combination
B-48 (4)	Throttle control servo relay <GDI>
B-49 (43)	Instrument panel wiring harness and assist wiring harness combination

B-50 (26-GR)	Throttle valve controller <GDI>
B-51 (22-Y)	Engine-ECU <MPI-M/T>
B-52 (12-Y)	Engine-ECU <MPI-M/T>
B-53 (16-Y)	Engine-ECU <MPI-M/T>
B-54 (26-Y)	Engine-ECU <MPI-M/T>
B-55 (16)	Radio and tape player
B-56 (6)	Blower switch
B-57 (12-B)	Navigation unit or no connection
B-58 (12)	Blower switch or A/C switch



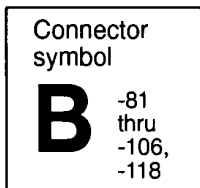
B-59 (14)	Radio and tape player
B-60 (2)	Blower control panel illumination lamp
B-61 (2-B)	Wide open throttle switch <A/T>
B-62 (1-B)	Radio and tape player
B-63 (9)	Heated seat switch
B-64 (2-B)	Diode (for room lamp circuit)
B-65 (43)	Instrument panel wiring harness and floor wiring harness combination
B-66 (38)	Instrument panel wiring harness and front wiring harness combination
<u>B-67</u> (2)	Clutch switch <GDI-M/T>
B-68 (33)	J/C (1)
B-69 (11)	Remote controlled mirror switch

B-70 (6)	Fog lamp switch
<u>B-110</u> (30-GR)	Engine-A/T-ECU <A/T>
<u>B-111</u> (28-GR)	Engine-A/T-ECU <A/T>
<u>B-112</u> (26-GR)	Engine-A/T-ECU <A/T>
<u>B-113</u> (35-GR)	Engine-A/T-ECU <A/T>
B-114 (8-B)	GDI ECO indication lamp-ECU
<u>B-115</u> (30-GR)	Engine-ECU <GDI-M/T>
<u>B-116</u> (28-GR)	Engine-ECU <GDI-M/T>
<u>B-117</u> (35-GR)	Engine-ECU <GDI-M/T>

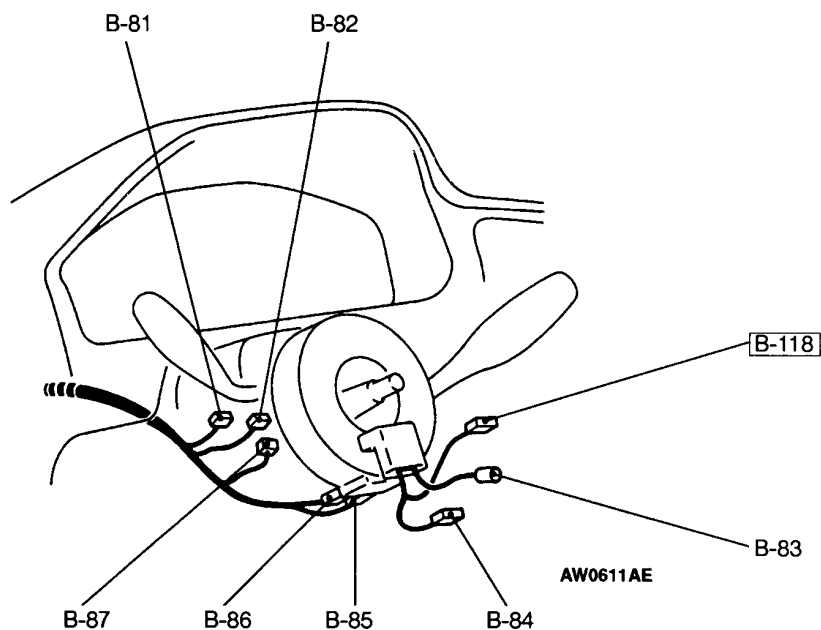
NOTE

Connector numbers in are connector numbers which have been changed or added.

L.H. drive vehicles



STEERING COLUMN



Connector colour code

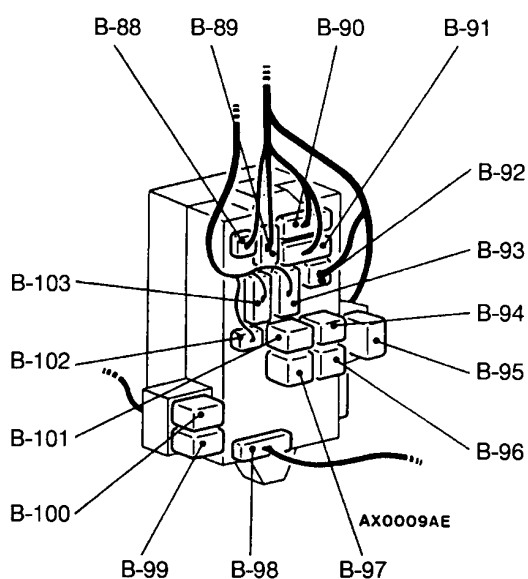
B: Black
 Y: Yellow
 L: Blue
 G: Green
 R: Red
 BR: Brown
 V: Violet
 O: Orange
 GR: Gray
 None: Milk white

B-81 (6)	Ignition switch
B-82 (7)	Key reminder switch
B-83 (1)	Horn switch
B-84 (2)	Air bag module (squib) (Driver's side)

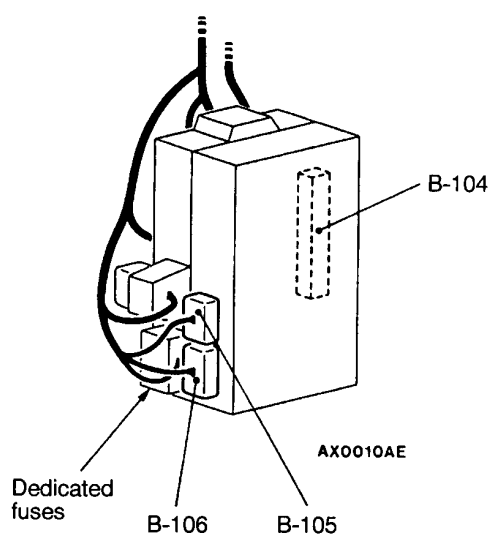
B-85 (2-Y)	Clock spring
B-86 (4)	Clock spring
B-87 (10)	Column switch

JUNCTION BLOCK

(FRONT VIEW)



(REAR VIEW)



B-88 (4)	Instrument panel wiring harness and J/B combination
B-89 (6)	Instrument panel wiring harness and J/B combination
B-90 (13)	Instrument panel wiring harness and J/B combination
B-91 (13)	Instrument panel wiring harness and J/B combination
B-92 (1-B)	Instrument panel wiring harness and J/B combination
B-93 (11)	Instrument panel wiring harness and J/B combination
B-94 (4)	Alternator relay
B-95 (5)	Rear fog lamp relay
B-96 (5)	Defogger relay
B-97 (5)	Blower relay

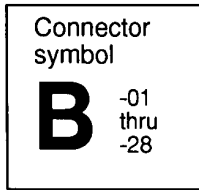
B-98 (15)	Floor wiring harness and J/B combination
B-99 (5)	ABS warning lamp relay
B-100 (5)	Accessory socket relay
B-101 (5)	Power window relay
B-102 (10)	Instrument panel wiring harness and J/B combination
B-103 (8)	Instrument panel wiring harness and J/B combination
B-104 (20)	ETACS-ECU
B-105 (16-B)	ETACS-ECU
B-106 (20-B)	ETACS-ECU
<u>B-118</u> (3)	Auto-cruise control switch

NOTE

Connector numbers in are connector numbers which have been added.

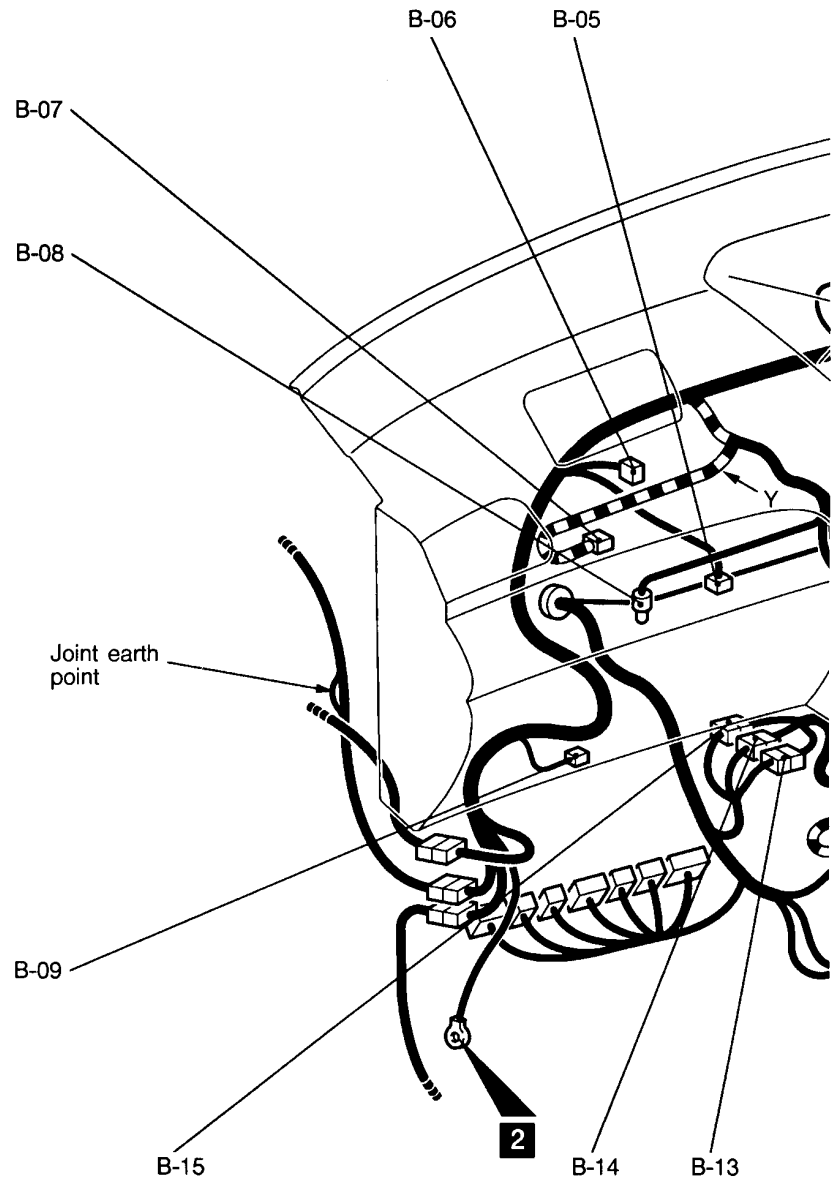
DASH PANEL

R.H. drive vehicles



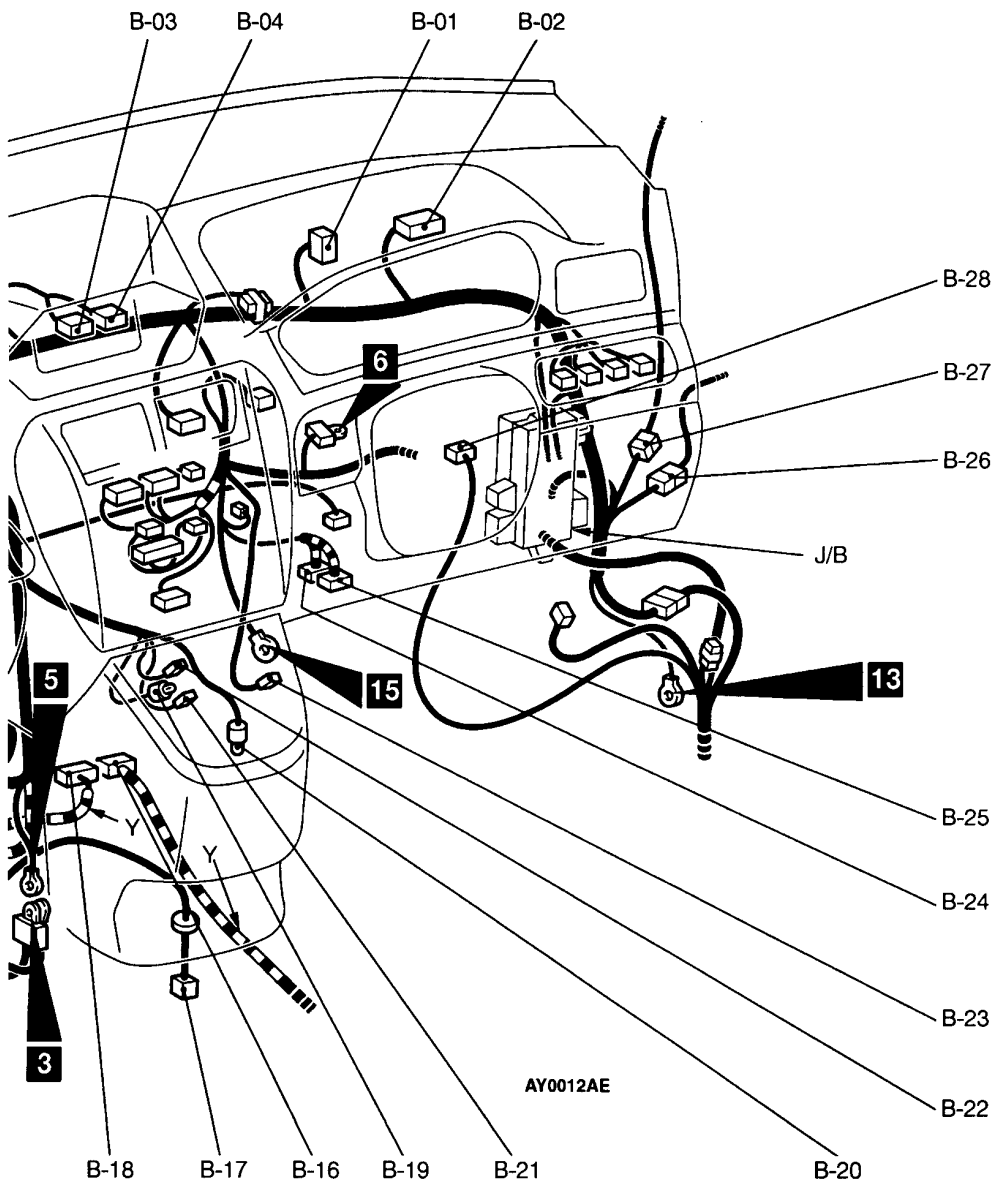
Connector colour code

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



B-01 (17) Combination meter
 B-02 (25) Combination meter
 B-03 (16-B) Multi center display unit
 B-04 (20-B) Multi center display unit
 B-05 (4) Blower resistor
 B-06 (7) Outside/Inside air selection damper control motor
 B-07 (2-R) Air bag module (squib) (Passenger's side)

B-08 (2) Glove box lamp
 B-09 (2) Blower motor
 B-13 (4) Instrument panel wiring harness and control wiring harness combination
 B-14 (32) Instrument panel wiring harness and control wiring harness combination



B-15 (19) Instrument panel wiring harness and control wiring harness combination
 B-16 (22-Y) SRS-ECU
 B-17 (4-B) Oxygen sensor (Front)
 B-18 (16-Y) SRS-ECU
 B-19 (2) Cigarette lighter illumination lamp
 B-20 (2) Ashtray illumination lamp
 B-21 (1) Cigarette lighter
 B-22 (1-B) Cigarette lighter

B-23 (2) Shift switch illumination lamp <A/T>
 B-24 (12) Diagnosis connector
 B-25 (16-B) Diagnosis connector
 B-26 (32) Instrument panel wiring harness and front door wiring harness (Driver's side) combination
 B-27 (7) Instrument panel wiring harness and roof wiring harness combination
 B-28 (4) Stop lamp switch

R.H. drive vehicles

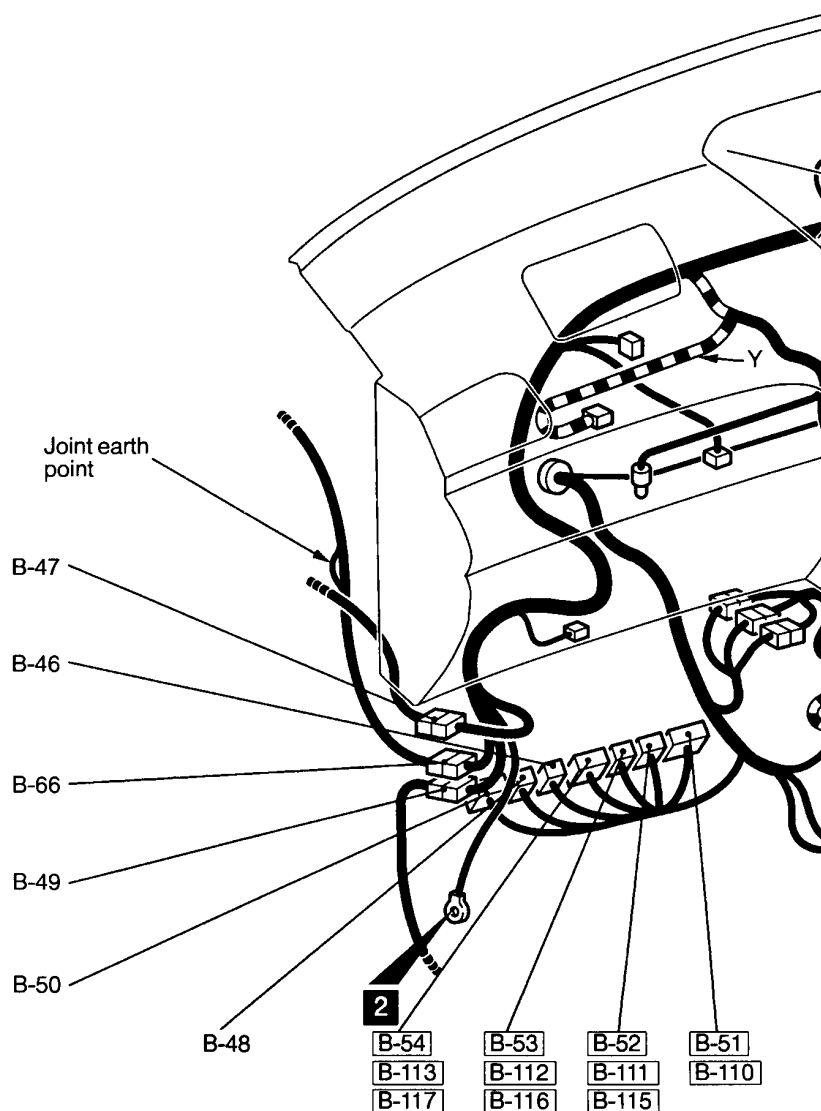
Connector
symbol

B

-41
thru
-70,
-110
thru
-117

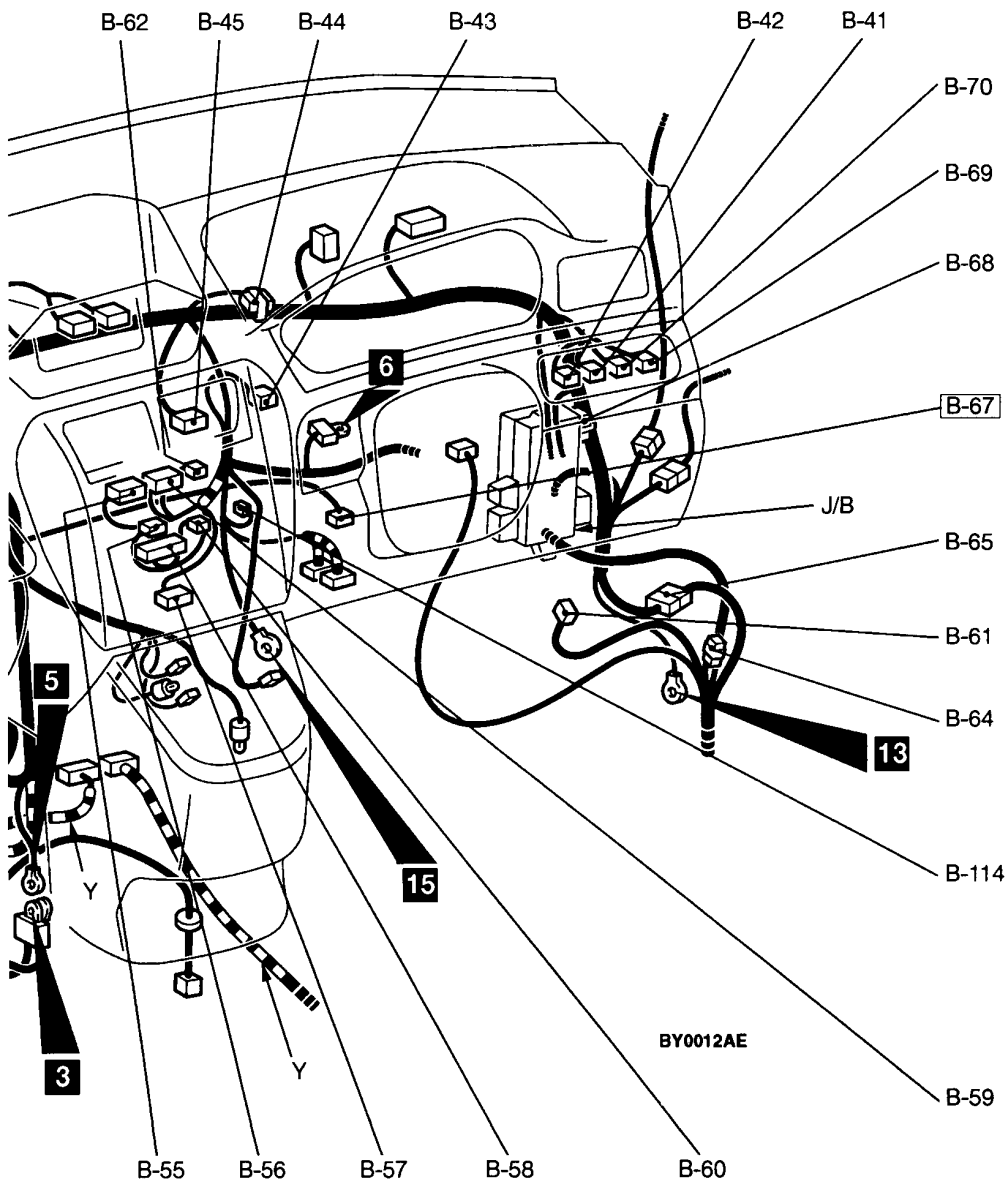
Connector colour code

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



B-41 (6-L)	Rheostat
B-42 (6-GR)	Headlamp leveling switch
B-43 (4)	Hazard warning switch
B-44 (33)	J/C (2)
B-45 (5)	Automatic compressor-ECU <A/C>
B-46 (6)	Engine oil level relay
B-47 (32)	Instrument panel wiring harness and front door wiring harness (Passenger's side) combination
B-48 (4)	Throttle control servo relay <GDI>

B-49 (43)	Instrument panel wiring harness and assist wiring harness combination
B-50 (26-GR)	Throttle valve controller <GDI>
B-51 (22-Y)	Engine-ECU <MPI-M/T>
B-52 (12-Y)	Engine-ECU <MPI-M/T>
B-53 (16-Y)	Engine-ECU <MPI-M/T>
B-54 (26-Y)	Engine-ECU <MPI-M/T>
B-55 (16)	Radio and tape player
B-56 (6)	Blower switch
B-57 (12-B)	Navigation unit or no connection



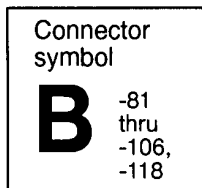
- B-58 (12) Blower switch or A/C switch
- B-59 (14) Radio and tape player
- B-60 (2) Blower control panel illumination lamp
- B-61 (2-B) Wide open throttle switch <A/T>
- B-62 (1-B) Radio and tape player
- B-64 (2-B) Diode (for room lamp circuit)
- B-65 (43) Instrument panel wiring harness and floor wiring harness combination
- B-66 (38) Instrument panel wiring harness and front wiring harness combination
- B-67 (2) Clutch switch <GDI-M/T>
- B-68 (33) J/C (1)
- B-69 (11) Remote controlled mirror switch

- B-70 (6) Fog lamp switch
- B-110 (30-GR) Engine-A/T-ECU <A/T>
- B-111 (28-GR) Engine-A/T-ECU <A/T>
- B-112 (26-GR) Engine-A/T-ECU <A/T>
- B-113 (35-GR) Engine-A/T-ECU <A/T>
- B-114 (8-B) GDI ECO indication lamp-ECU
- B-115 (30-GR) Engine-ECU <GDI-M/T>
- B-116 (28-GR) Engine-ECU <GDI-M/T>
- B-117 (35-GR) Engine-ECU <GDI-M/T>

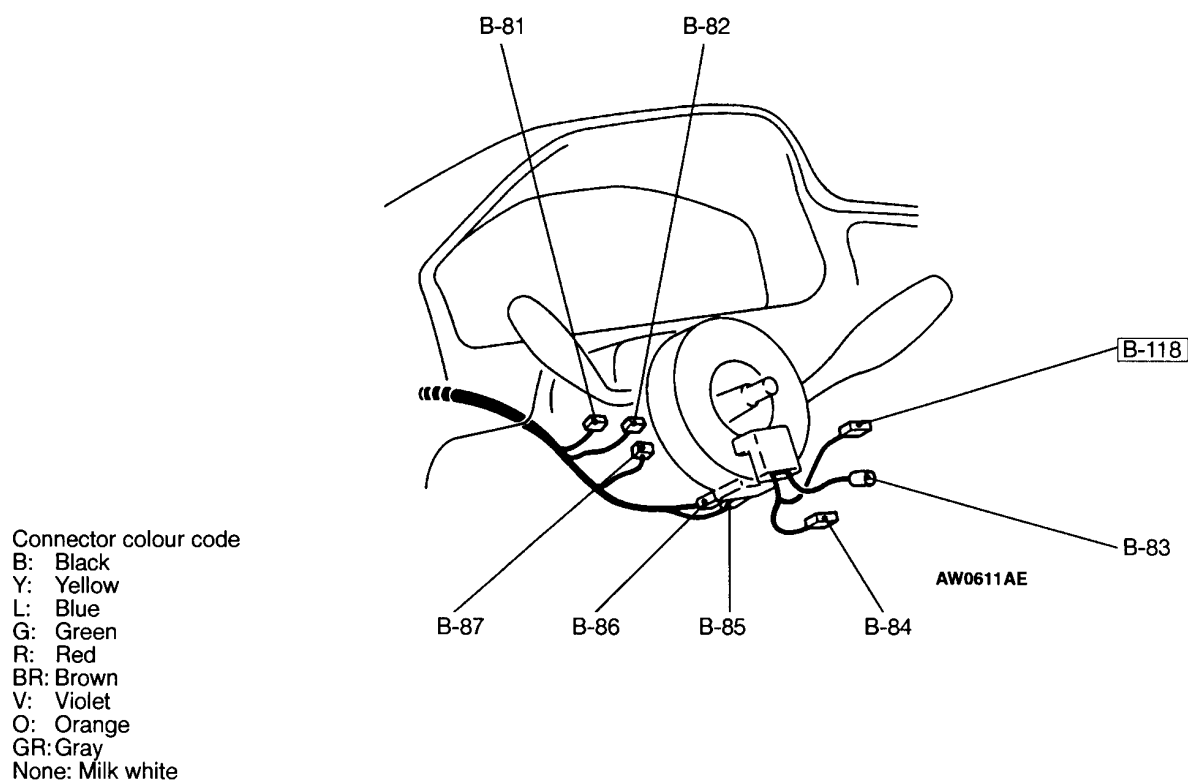
NOTE

Connector numbers in are connector numbers which have been changed or added.

R.H. drive vehicles



STEERING COLUMN

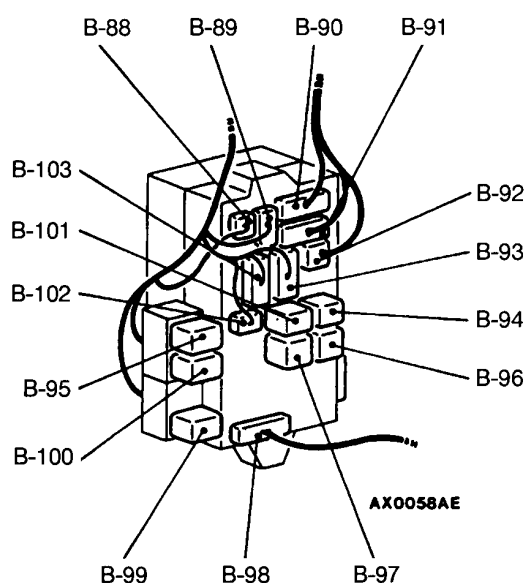


B-81 (6)	Ignition switch
B-82 (7)	Key reminder switch
B-83 (1)	Horn switch
B-84 (2)	Air bag module (squib) (Driver's side)

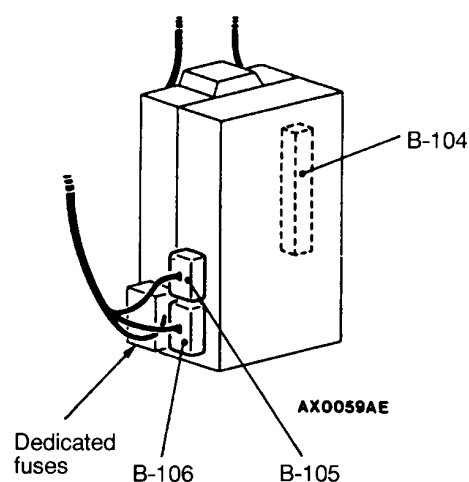
B-85 (2-Y)	Clock spring
B-86 (4)	Clock spring
B-87 (10)	Column switch

JUNCTION BLOCK

(FRONT VIEW)



(REAR VIEW)



B-88 (4)	Instrument panel wiring harness and J/B combination
B-89 (6)	Instrument panel wiring harness and J/B combination
B-90 (13)	Instrument panel wiring harness and J/B combination
B-91 (13)	Instrument panel wiring harness and J/B combination
B-92 (1-B)	Instrument panel wiring harness and J/B combination
B-93 (11)	Instrument panel wiring harness and J/B combination
B-94 (4)	Alternator relay
B-95 (5)	Rear fog lamp relay
B-96 (5)	Defogger relay
B-97 (5)	Blower relay

B-98 (15)	Floor wiring harness and J/B combination
B-99 (5)	ABS warning lamp relay
B-100 (5)	Accessory socket relay
B-101 (5)	Power window relay
B-102 (10)	Instrument panel wiring harness and J/B combination
B-103 (8)	Instrument panel wiring harness and J/B combination
B-104 (20)	ETACS-ECU
B-105 (16-B)	ETACS-ECU
B-106 (20-B)	ETACS-ECU
B-118 (3)	Auto-cruise control switch

NOTE

Connector numbers in are connector numbers which have been added.