ELECTRICAL WIRING (EVOLUTION-V)

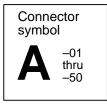
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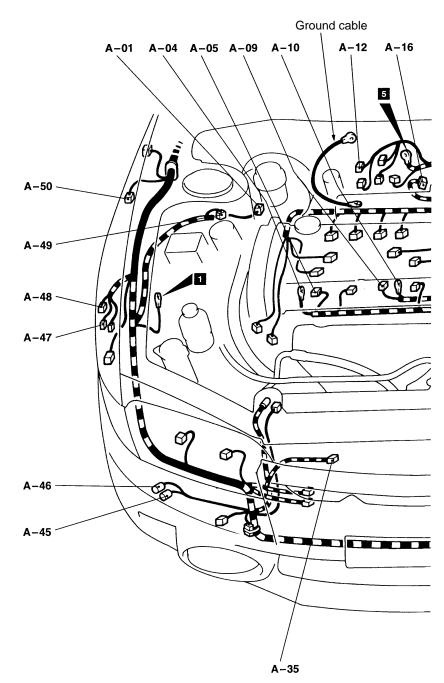
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WIRING HARNESS CONFIGURATION DIAGRAMS

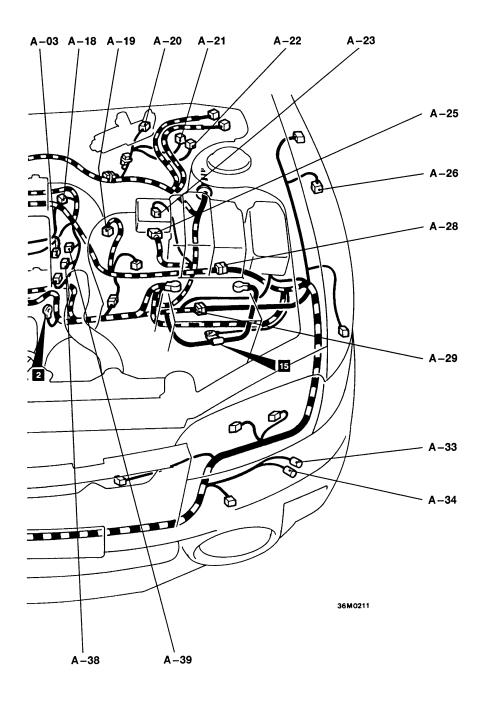
ENGINE COMPARTMENT



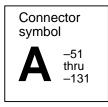


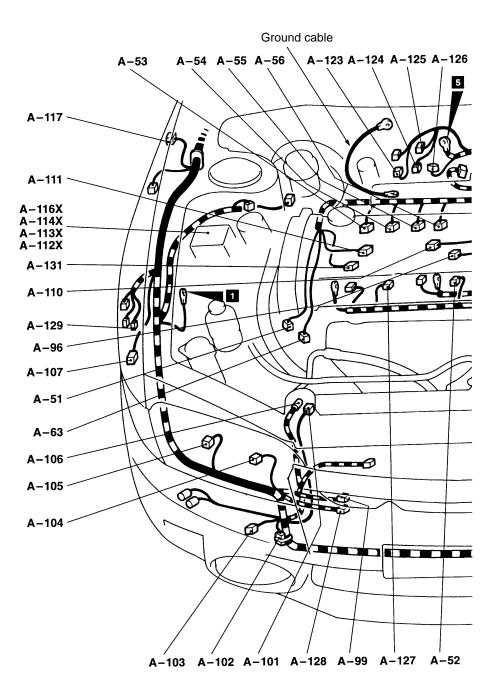
A-01 (2-B)	Brake fluid level switch
A-03 (1-B)	Noise condenser
A-04 (1)	Alternator
A-05 (4-GR)	Alternator
A-09 (1-B)	Starter
A-10 (1)	Starter
A-12 (2-B)	Fuel pressure solenoid valve
A-16 (4-B)	Throttle position sensor
A-18 (6-B)	Idle speed control servo
A-19 (3-B)	Vehicle speed sensor

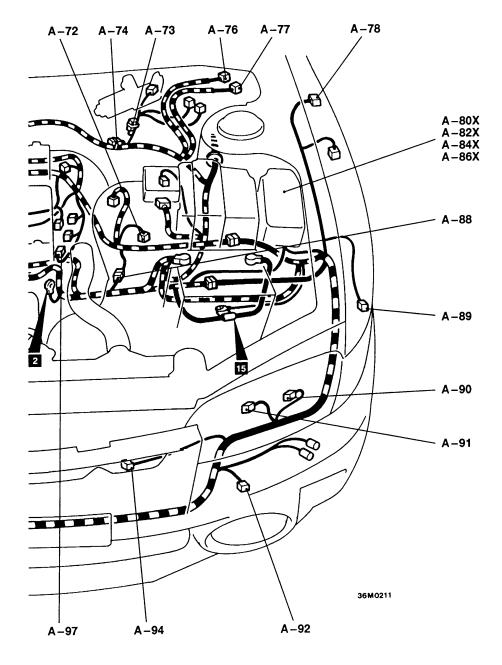
A-20 (4-B) A-21 (8-B) A-22 (2-B) A-23 (2-B) A-25 (7-B)	Windshield wiper motor Hydraulic unit <vehicles abs="" with=""> Hydraulic unit <vehicles abs="" with=""> Waste gate solenoid valve Air flow sensor</vehicles></vehicles>
A-26 (2-B)	Front speed sensor (LH) <vehicles td="" with<=""></vehicles>
/(20 (2 D)	ABS>
A-28 (8-B)	Control harness and front harness combination



A-29 (2-B)	Front harness and battery harness combination	A-45 (1) A-46 (1)	Horn (RH) Horn (RH)
A-33 (1)	Horn (LH)	A-47 (2-G)	Rear washer motor
A-34 (1)	Horn (LH)	A-48 (2)	Windshield washer motor
A-35 (2-BR)	Outside air temperature sensor <vehicles< td=""><td>A-49 (2-BR)</td><td>Dual pressure switch</td></vehicles<>	A-49 (2-BR)	Dual pressure switch
	with fully automatic air conditioner>	A-50 (2-B)	Front speed sensor (RH) <vehicles td="" with<=""></vehicles>
A-38 (2-B) A-39 (1-B)	Engine coolant temperature sensor Engine coolant temperature gauge unit		ABS>

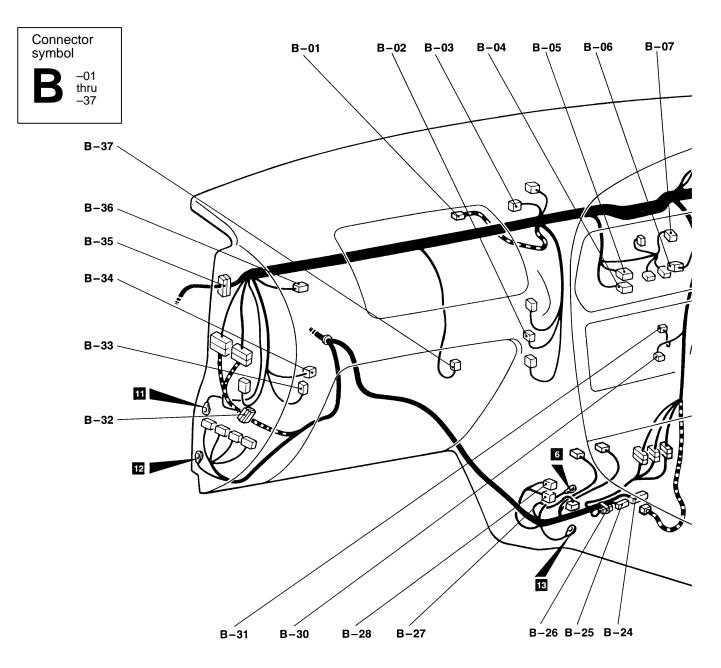






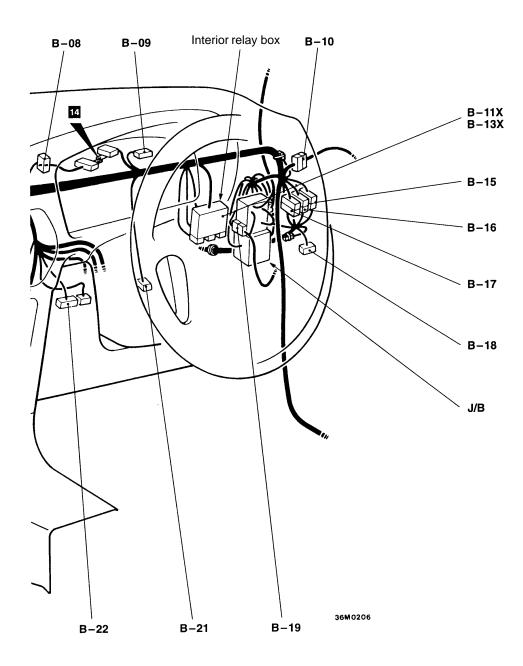
A-94 (4-GR) A-96 (2-GR) A-97 (3-B) A-99 (2-B) A-101 (1) A-102 (1) A-102 (1) A-103 (2-B) A-104 (2) A-105 (3-B) A-106 (1-B) A-107 (2-BR) A-110 (3-GR)	Radiator fan motor Knock sensor Camshaft position sensor Condenser fan motor Power steering oil pressure switch Spare connector for fog lamp Fog lamp (RH) Position lamp (RH) Headlamp (RH) A/C compressor assembly Front turn signal lamp (RH) Ignition coil 1	A-112X (4) A-113X (4) A-114X (4) A-116X (4) A-117 (2-GR) A-123 (5-B) A-124 (6-B) A-125 (2-B) A-126 (5-B) A-126 (5-B) A-127 (2-B) A-128 (2-GR) A-129 (2-B)	Radiator fan relay (HI) Condenser fan relay (LO) Condenser fan relay (HI) A/C compressor relay Side turn signal lamp (RH) Fuel pump relay No.2 Fuel pump resistor Resistor (for injector) AYC relay Secondary air control solenoid valve Condenser fan motor Water spray motor
A-110 (3-GR) A-111 (3-GR)	Ignition coil 1 Ignition coil 2	A-129 (2-B) A-131 (1-B)	Water spray motor Noise condenser

DASH PANEL

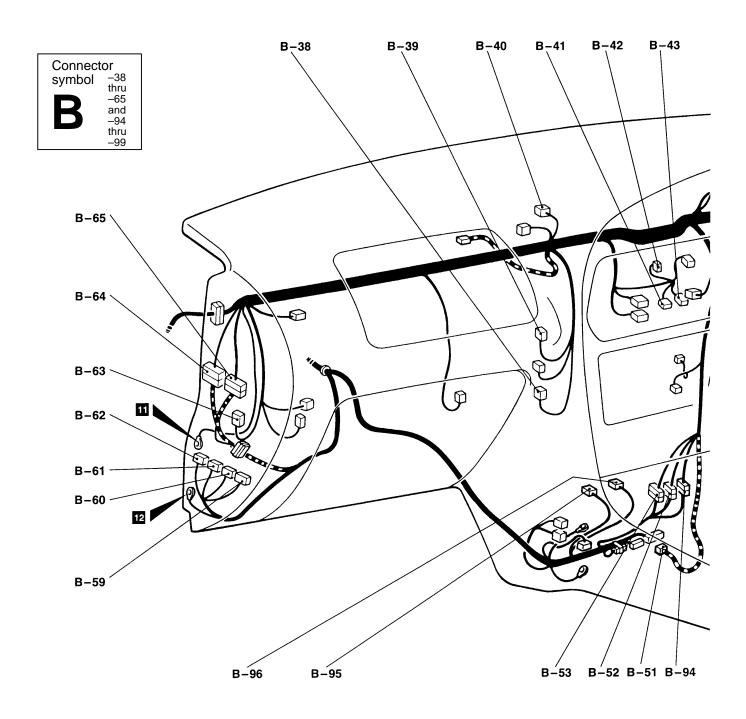


- B-01 (2-R) Passenger seat air bag module (squib)
- B-02 (2) Heater water temperature sensor <ve-
- B-03 (2-B) hicles with fully automatic air conditioner> Air thermo sensor <vehicles with fully automatic air conditioner>
- B-04 (20-B) A/C-ECU <vehicles with fully automatic air conditioner>
- B-05 (16-B) A/C-ECU <vehicles with fully automatic air conditioner>
- B-06 (6) Air outlet change-over damper motor and potentiometer <vehicles with fully automatic air conditioner>
- B-07 (8) Blower switch <vehicles with manual air conditioner>
- B-08 (25) Meter and gauge

B-09 (25)	Meter and gauge
B-10 (22)	Body harness and front door harness
	(RH) combination
B-11X (8)	Rear intermittent wiper relay
B-13X (5)	Power window relay
B-15 (20)	Front harness and body harness
	combination
B-16 (6)	Front harness and body harness
	combination
B-17 (14)	Front harness and body harness
	combination <abs></abs>
B-18 (19)	Jumper connector (1)
B-19 (22)	Body harness and instrument panel
()	harness combination



B-21 (2) B-22 (16-B)	Stop lamp switch Diagnosis connector	B-34 (4)	Blower high speed relay <vehicles with<br="">fully automatic air conditioner></vehicles>
B-24 (26-Y)	ABS-ECU	B-35 (22)	Body harness and front door harness
B-25 (22-Y) B-26 (2-B)	ABS-ECU Diode (for ABS circuit)	B-36 (2)	(LH) combination Inside and outside air change-over
B-27 (4) B-28 (4)	Engine control relay Fuel pump relay		damper motor <vehicles air="" automatic="" conditioner="" fully="" with=""></vehicles>
B-30 (14)	Radio or spare connector for radio	B-37 (4)	Power transistor <vehicles fully<="" td="" with=""></vehicles>
B-31 (1)	Glass antenna amplifier		automatic air conditioner> or resistor
B-32 (19-B)	Jumper connector (5)		<vehicles air<="" heater="" manual="" or="" td="" with=""></vehicles>
B-33 (2)	Blower motor <vehicles auto-<br="" fully="" with="">matic air conditioner></vehicles>		conditioner>



B-38 (2) Sunlight sensor <vehicles with fully automatic air conditioner>
 B-39 (6) Air mix damper motor and potentiometer <vehicles with fully automatic air conditioner>

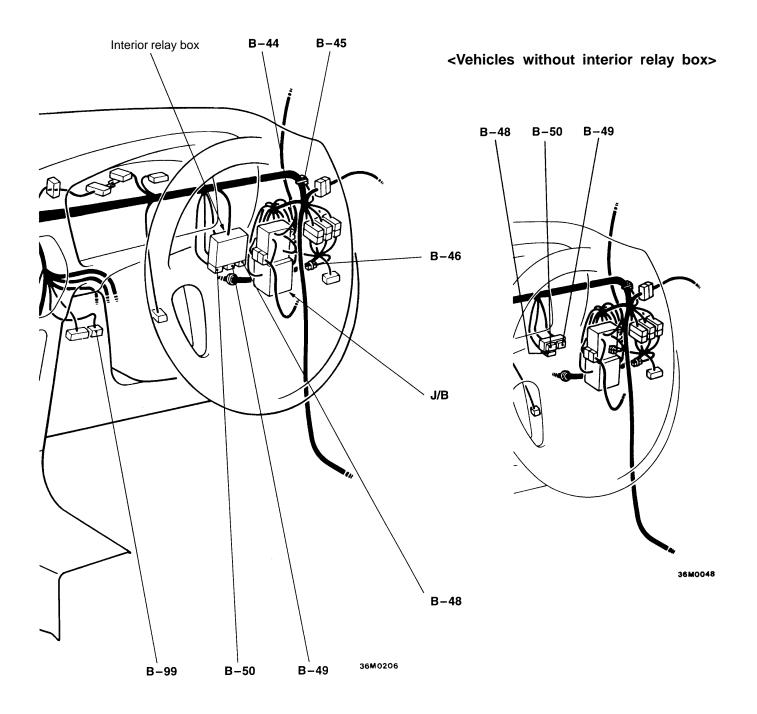
B-40 (3) Automatic compressor ECU

<vehicles with manual air conditioner> B-41 (8) A/C switch

<vehicles with manual air conditioner>
 B-42 (2)
 Blower switch illumination lamp <vehicles with heater or manual air conditioner>

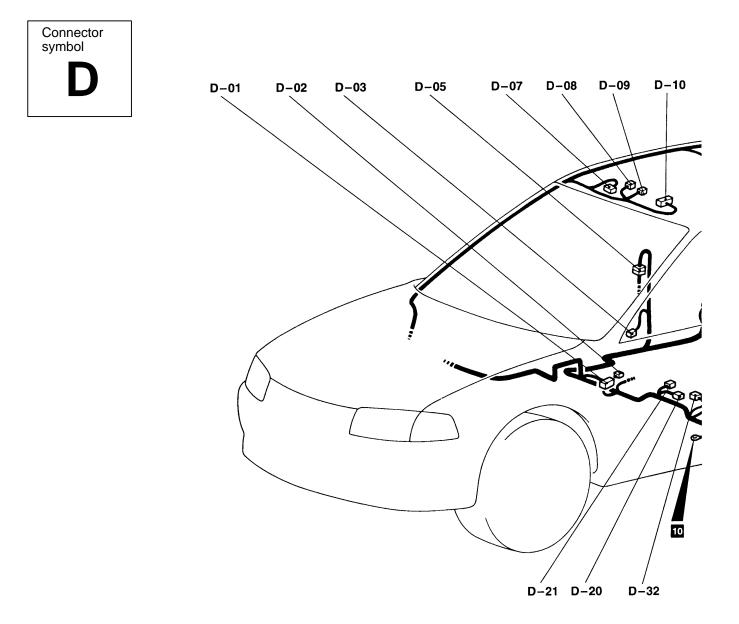
B-43 (6-B) Defogger switch <vehicles with heater or manual air conditioner>

B-44 (6)	Body harness and roof harness combina- tion <vehicles sunroof="" with=""></vehicles>
B-45 (2-B)	Diode (for keyless entry system circuit)
B-46 (2)	Spare connector for fog lamp switch
	<vehicles fog="" lamp="" without=""></vehicles>
B-48 (14)	Jumper connector (2)
B-49 (14)	Jumper connector (3)
B-50 (14-L)	Jumper connector (4)
B-51 (21-Y)	SRS-ECU
B-52 (16-B)	Control harness and body harness combination <vehicles abs="" with=""></vehicles>



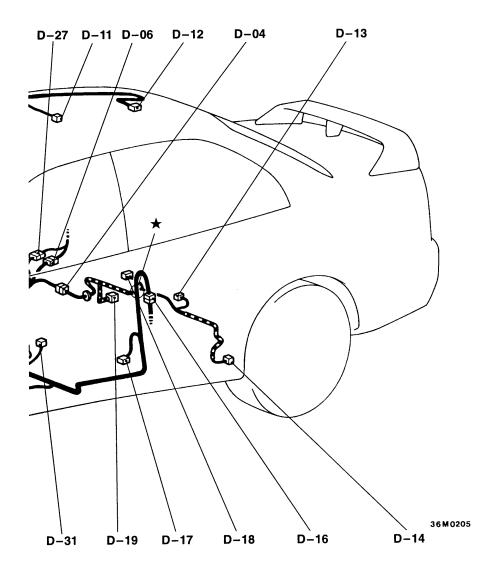
B-59 (26-Y) B-60 (16-Y)	Engine-ECU Engine-ECU	B-65 (16-B)	Control harness and body harness combination
B-61 (12-Y)	Engine-ECU	B-94 (13)	Control harness and body harness
B-62 (22-Y)	Engine-ECU		combination <vehicles ayc="" with=""></vehicles>
B-63 (2)	Blower motor <vehicles heater="" or<="" td="" with=""><td>B-95 (26)</td><td>AYC-ECU</td></vehicles>	B-95 (26)	AYC-ECU
	manual air conditioner>	B-96 (16)	AYC-ECU
B-64 (13)	Control harness and body harness combination	B-99 (12)	Diagnosis connector

FLOOR, ROOF, AND SEAT



D-01 (20)	Receiver <vehicles entry="" keyless="" system="" with=""></vehicles>
D-02 (2)	Seat belt switch
D-03 (2)	Front door switch (RH)
D-04 (10)	Body harness and fuel harness combina- tion
D-05 (6)	Body harness and rear door harness (RH) combination
D-06 (22)	Body harness and rear harness combina- tion
D-07 (6) D-08 (8)	Sunroof switch Room lamp <vehicles sunroof="" with=""></vehicles>

D-09 (1) D-10 (18) D-11 (2-GR) D-12 (8) D-13 (3-B) D-14 (2-B) D-16 (6)	Map lamp Sunroof ECU Room lamp <vehicles sunroof="" without=""> Sunroof motor Fuel gauge unit (sub) Rear speed sensor (LH) <vehicles abs="" with=""> Body harness and rear door harness (LH) combination</vehicles></vehicles>
D-17 (2) D-18 (6)	



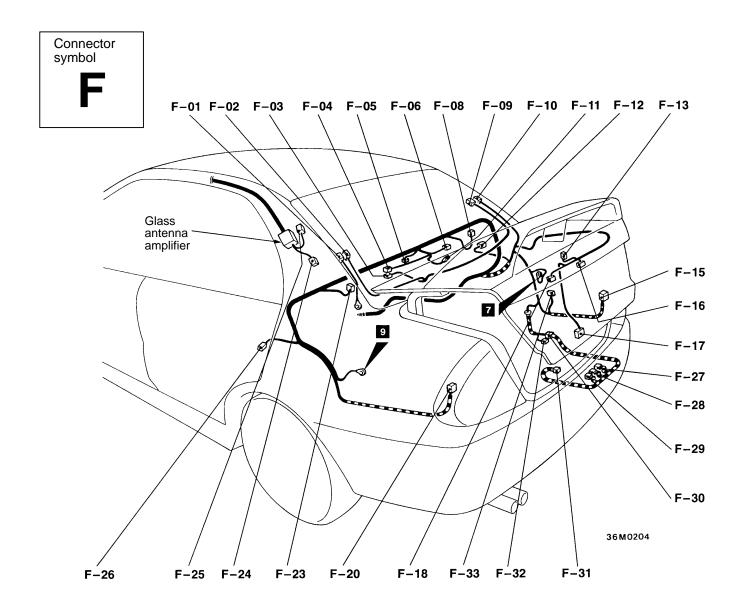
D-19 (2-B) Rear speed sensor (RH) <vehicles with ABS> D-20 (3-B) Acceleration sensor <vehicles with ABS> D-21 (1-B) Parking brake switch D-27 (2) Body harness and rear harness combination <vehicles with AYC>

D-31	(2)
D-32	(3-B)

Water spray switch Acceleration sensor (lateral) <vehicles with AYC>

LUGGAGE COMPARTMENT

C-12

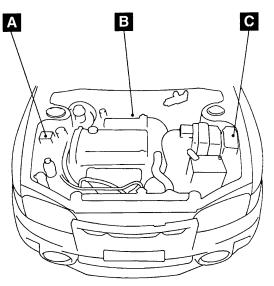


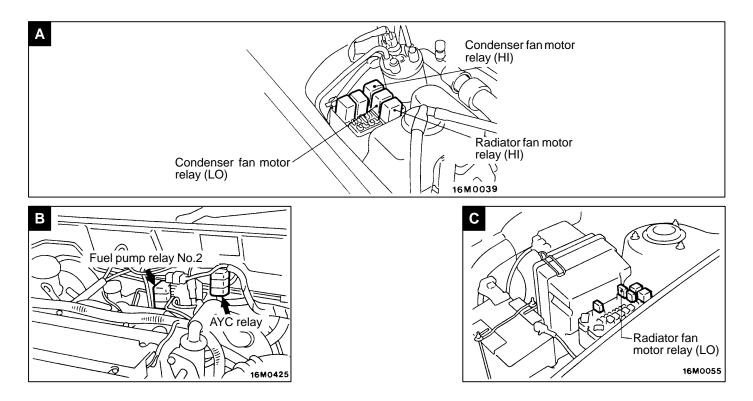
F-01 (1-B) F-02 (1-B) F-03 (2) F-04 (3) F-05 (2) F-06 (2) F-08 (2-B) F-09 (1-B) F-10 (1-B) F-10 (1-B) F-11 (3) F-12 (1-B) F-13 (2) F-15 (6) F-16 (2-GR)	Defogger (–) <vehicles choke="" coil="" without=""> Defogger (–) <vehicles choke="" coil="" with=""> Choke coil Luggage compartment lamp Vacant connector or high mounted stop lamp (installed on rear shelf) Rear speaker (RH) Defogger (+) <vehicles choke="" coil="" with=""> Defogger (+) <vehicles choke="" coil="" without=""> Defogger (+) <vehicles choke="" coil="" without=""> Rear wiper motor Rear door switch (RH) High mounted stop lamp (installed on rear spoiler) Rear combination lamp (RH) Licence plate lamp (RH)</vehicles></vehicles></vehicles></vehicles></vehicles>	F-18 (2-GR) F-20 (6) F-23 (2-B) F-24 (1) F-25 (1) F-26 (1-B) F-26 (1-B) F-27 (3-B) F-28 (2-B) F-29 (2-B) F-30 (8-B) F-31 (2-B) F-32 (2-B) F-33 (6)	Licence plate lamp (LH) Rear combination lamp (LH) Rear speaker (LH) Glass antenna <vehicles antenna="" diversity="" glass="" with=""> Glass antenna Rear door switch (LH) Proportioning valve <vehicles ayc="" with=""> Direction valve (LH) <vehicles ayc="" with=""> Direction valve (RH) <vehicles ayc="" with=""> Direction valve (RH) <vehicles ayc="" with=""> Rear harness and AYC harness combina- tion Accumulator pressure switch <vehicles ayc="" with=""> AYC motor CD changer</vehicles></vehicles></vehicles></vehicles></vehicles></vehicles>
F-16 (2-GR) F-17 (1-B)	Luggage compartment lamp switch	F-33 (6)	CD changer

SINGLE PART INSTALLATION POSITION

RELAY

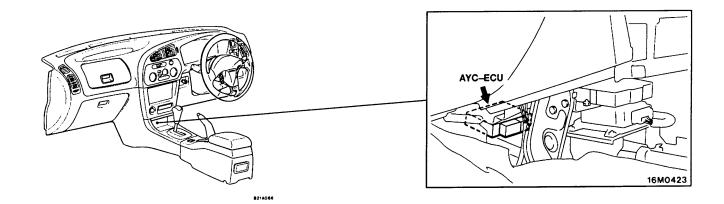
Name	Symbol	Name	Symbol
AYC relay	В	Fuel pump relay No.2	В
Condenser fan motor relay (HI)	А	Radiator fan motor relay (HI)	А
Condenser fan motor relay (LO)	A	Radiator fan motor relay (LO)	С





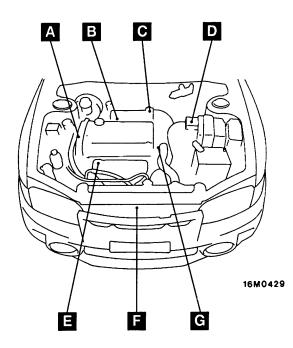
C-14

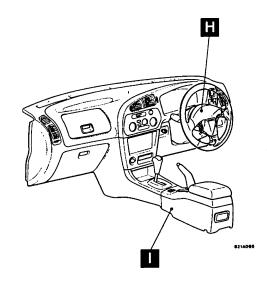
ECU

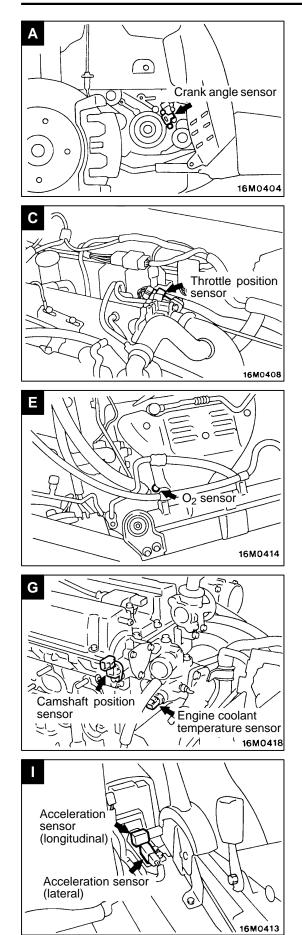


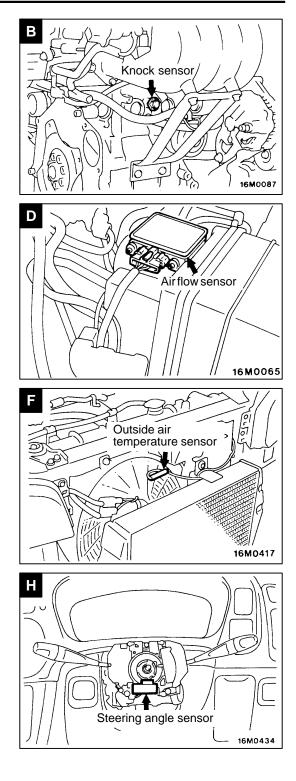
SENSOR

Name	Symbol	Name	Symbol
Acceleration sensor (lateral) <vehicles ayc="" with=""></vehicles>	I	Knock sensor	В
Acceleration sensor (longitudinal) <vehicles abs="" and="" ayc="" with=""></vehicles>	I	Outside air temperature sensor <vehicles air="" automatic="" conditioner="" fully="" with=""></vehicles>	F
Air flow sensor	D	O ₂ sensor	
Camshaft position sensor	G	Steering angle sensor (lateral) <vehicles ayc="" with=""></vehicles>	Н
Crank angle sensor	A	Throttle position sensor	С
Engine coolant temperature sensor	G		



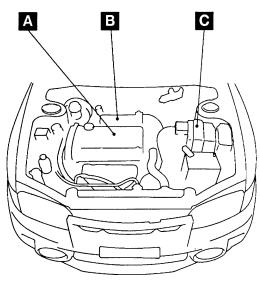


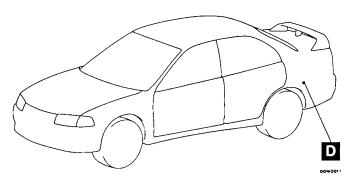


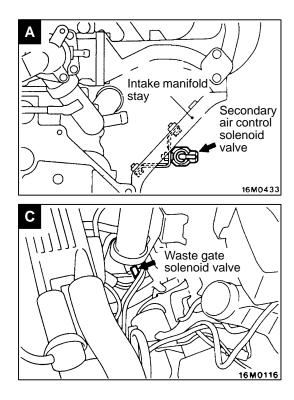


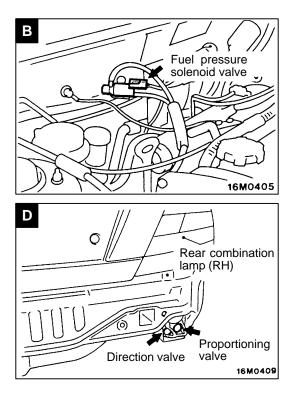
SOLENOID VALVE

Name	Symbol	Name	Symbol
Direction valve <vehicles ayc="" with=""> D</vehicles>		Secondary air control solenoid valve	А
Fuel pressure solenoid valve B		Waste gate solenoid valve	С
Proportioning valve <vehicles ayc="" with=""></vehicles>	D		

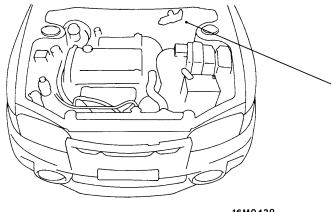


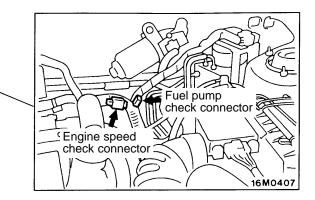






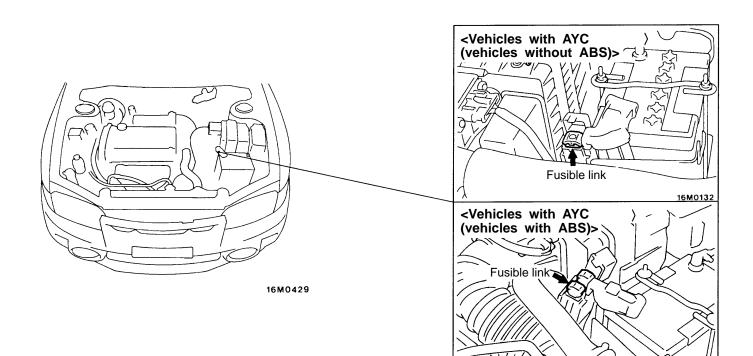
CHECK CONNECTOR AND SPARE CONNECTOR



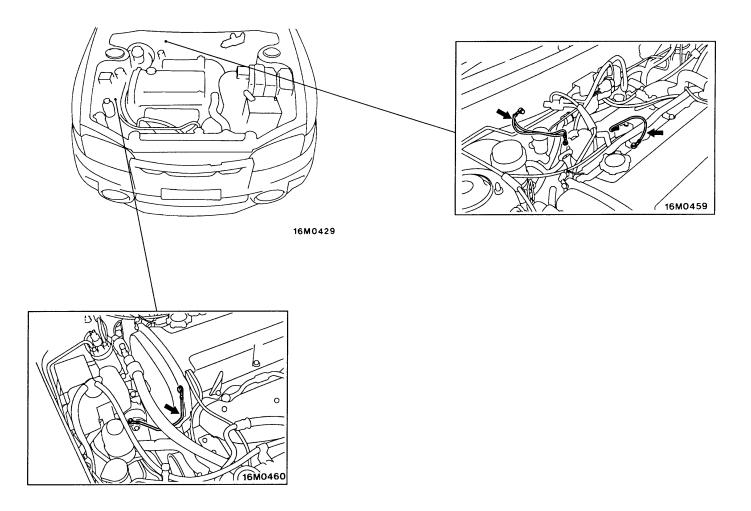


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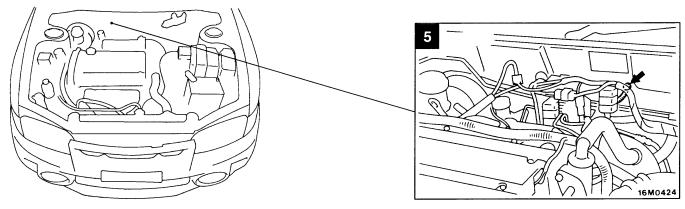
FUSIBLE LINK AND FUSE



GROUND CABLE



GROUND



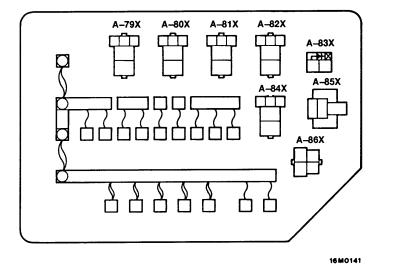
CIRCUIT DIAGRAM

CENTRALIZED JUNCTION

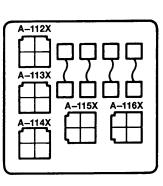
CENTRALIZED RELAY

Connector No.	Name	Connector No.	Name
A-82X	Radiator fan motor relay (LO)	A-113X	Condenser fan motor relay (LO)
A-112X	Radiator fan motor relay (HI)	A-114X	Condenser fan motor relay (HI)

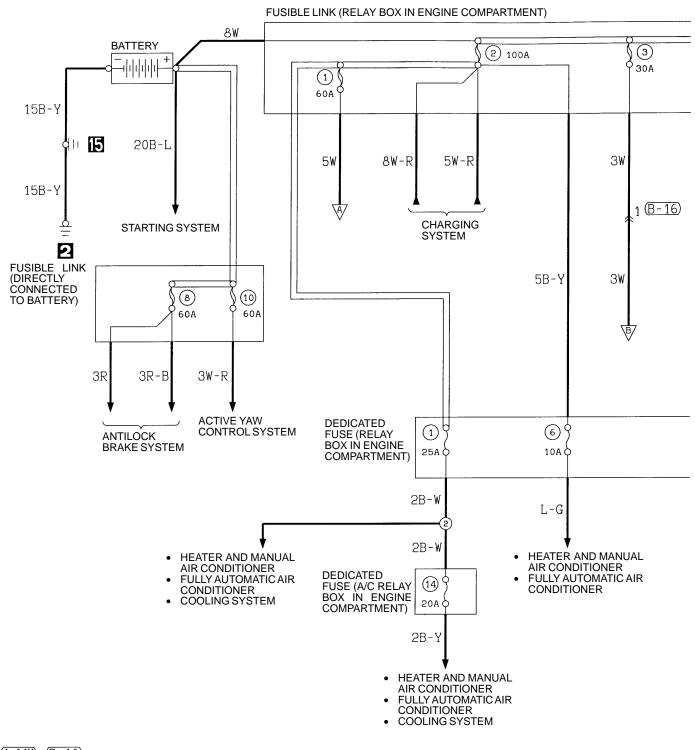
Relay box in engine compartment



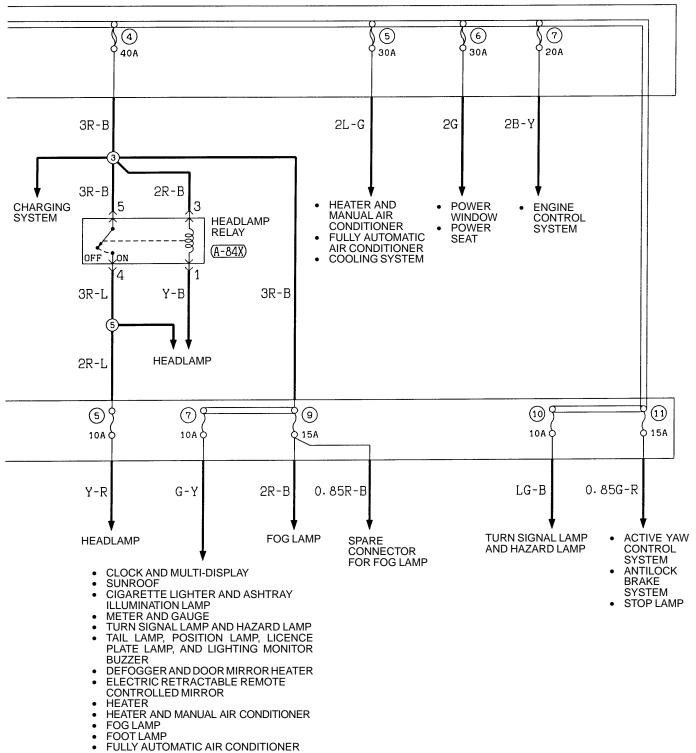
(A/C relay box)



POWER DISTRIBUTION SYSTEM

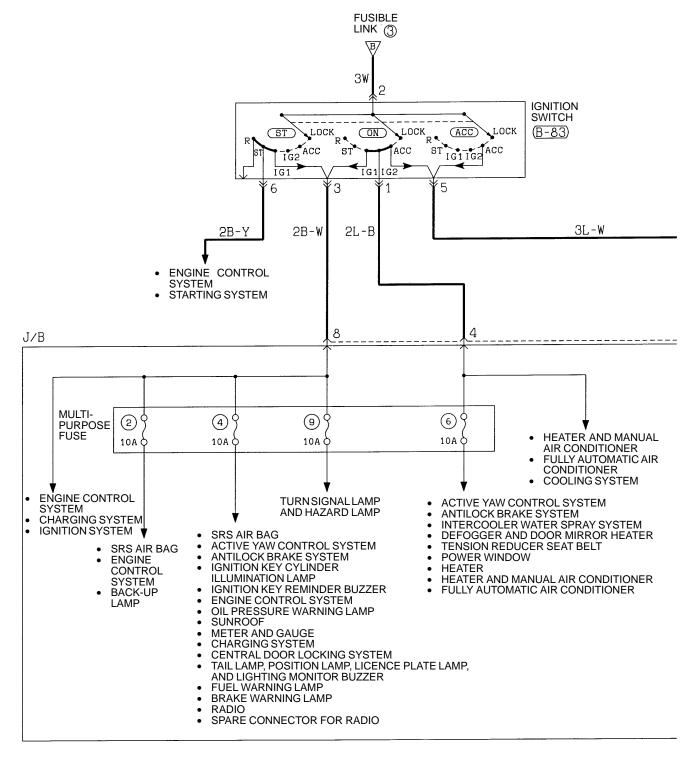


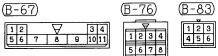


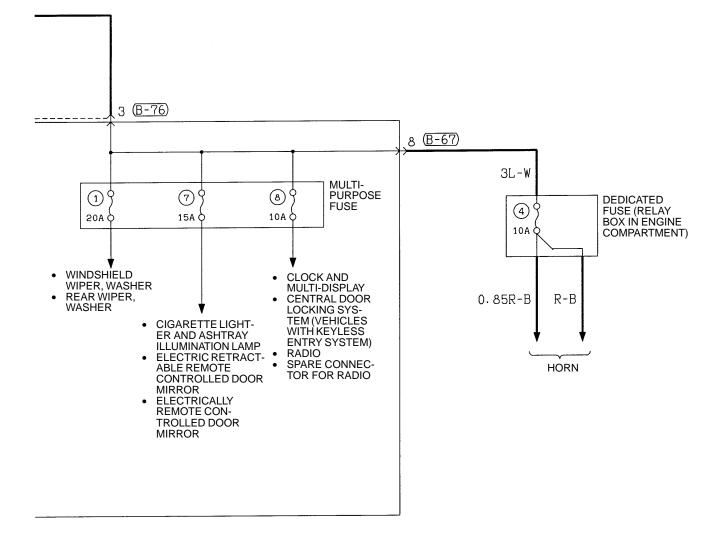


- RADIO
- SPARE CONNECTOR FOR RADIO

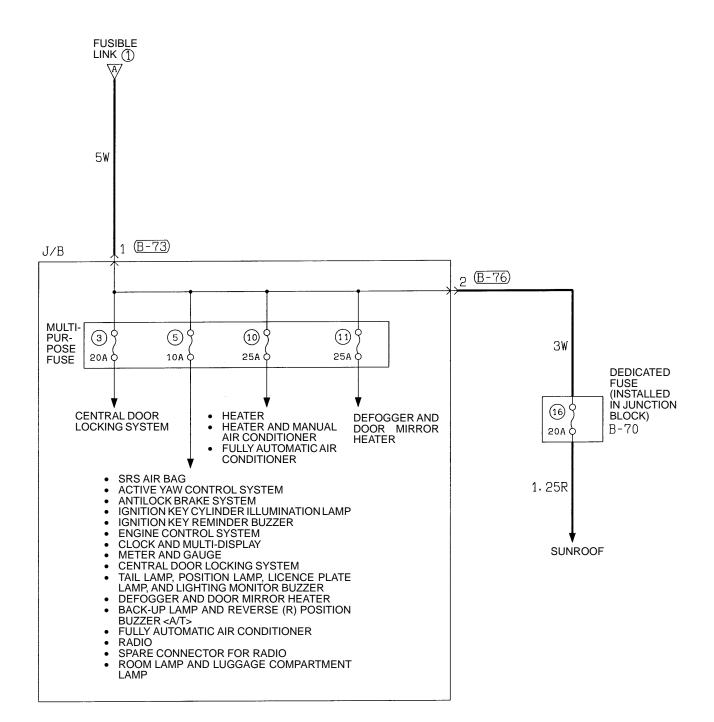
POWER DISTRIBUTION SYSTEM (CONTINUED)





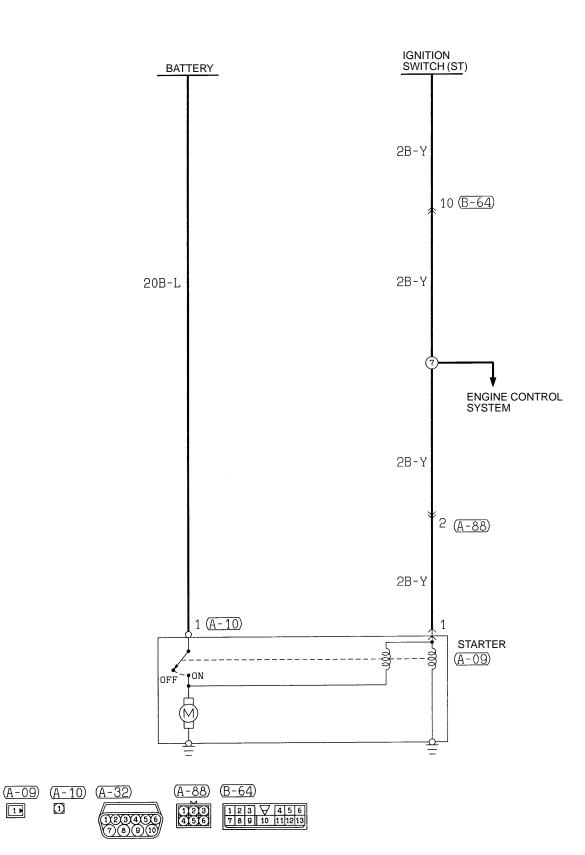


POWER DISTRIBUTION SYSTEM (CONTINUED)

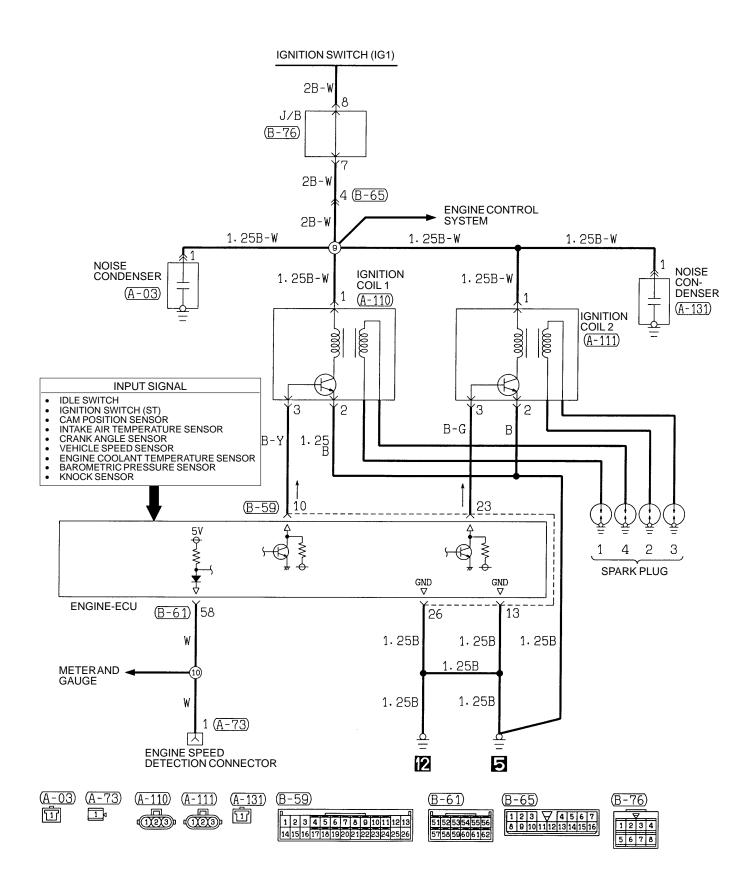




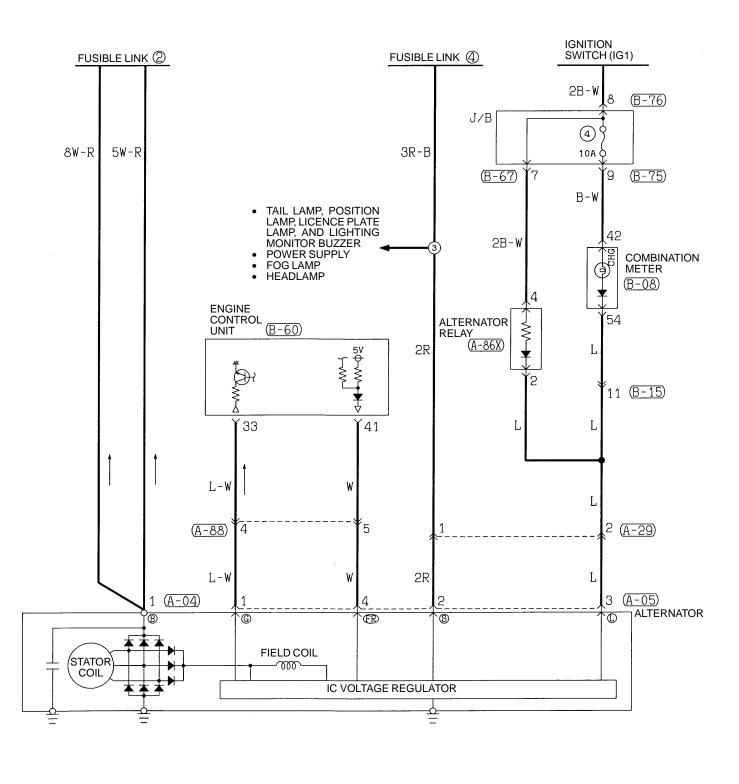
STARTING SYSTEM



IGNITION SYSTEM

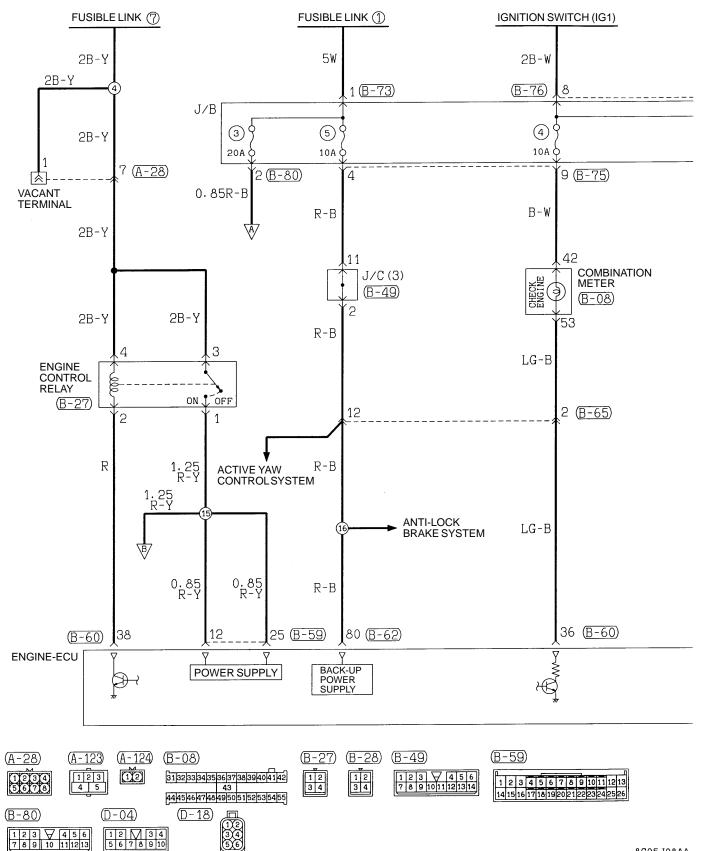


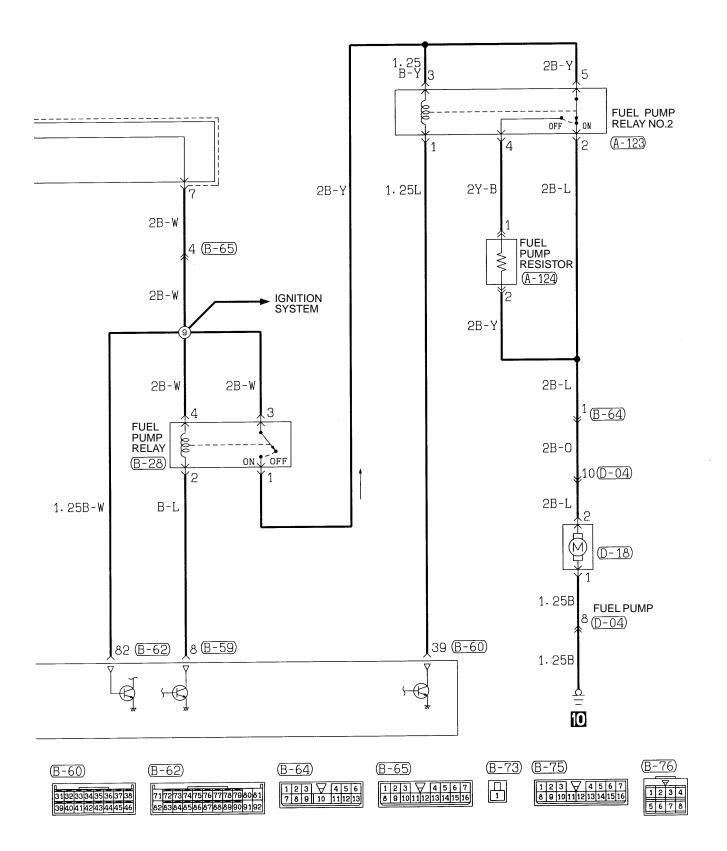
CHARGING SYSTEM



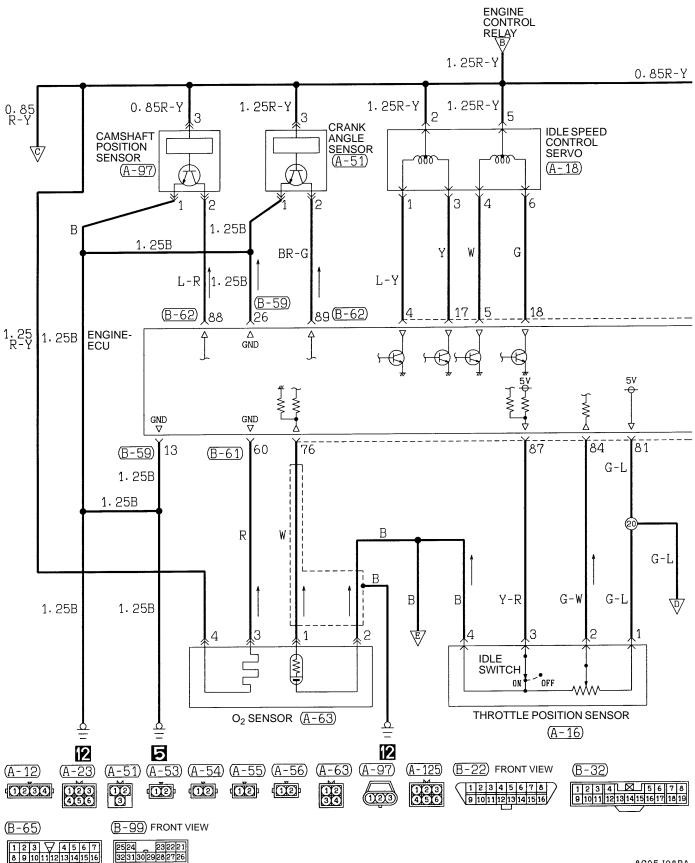


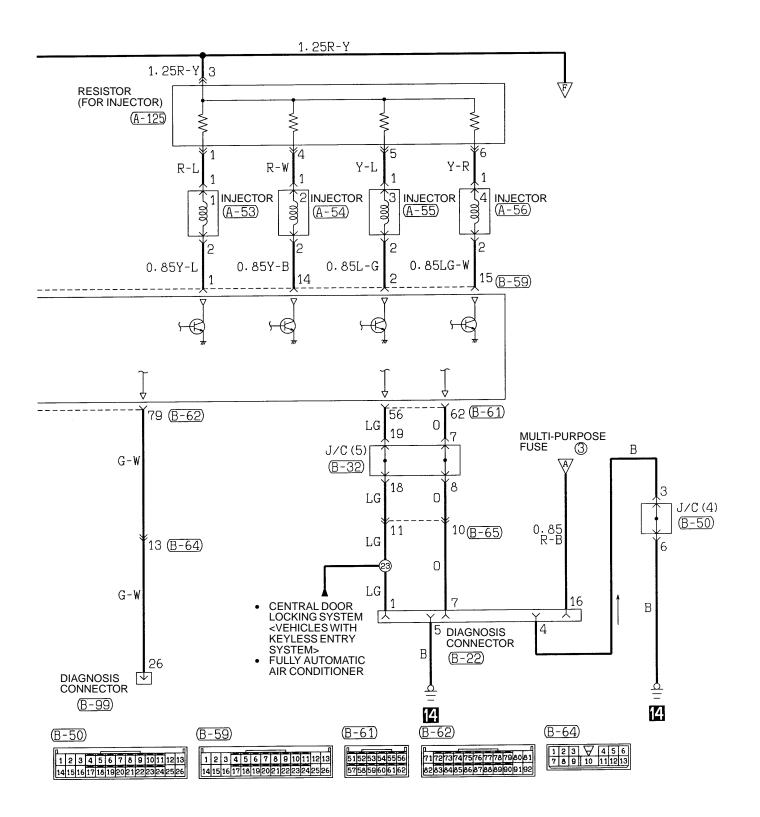
ENGINE CONTROL SYSTEM



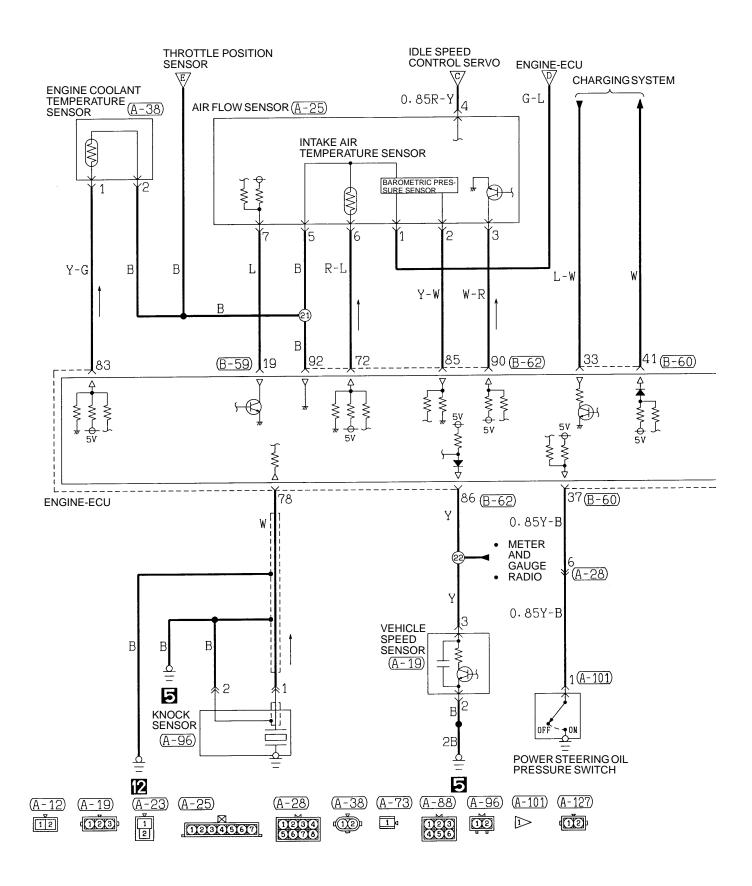


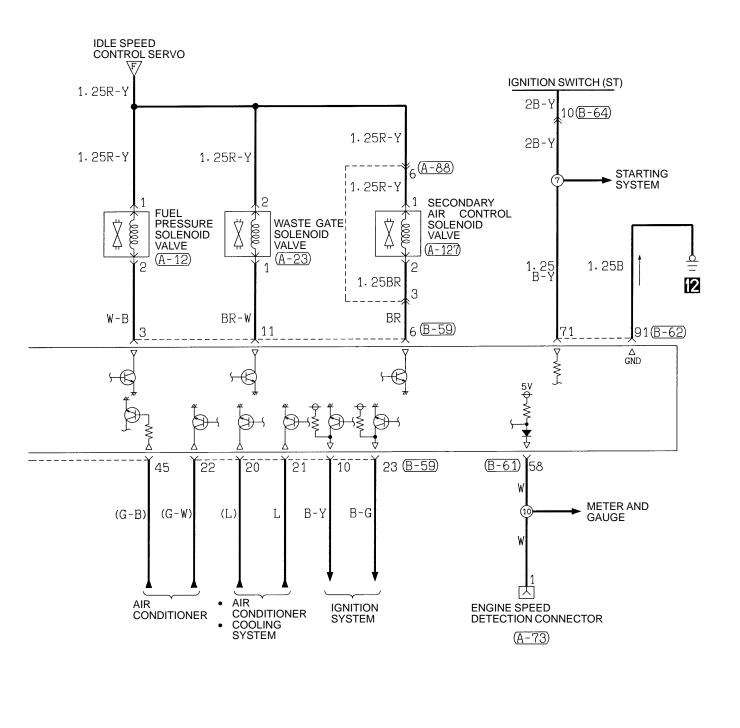
ENGINE CONTROL SYSTEM (CONTINUED)

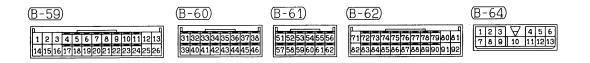




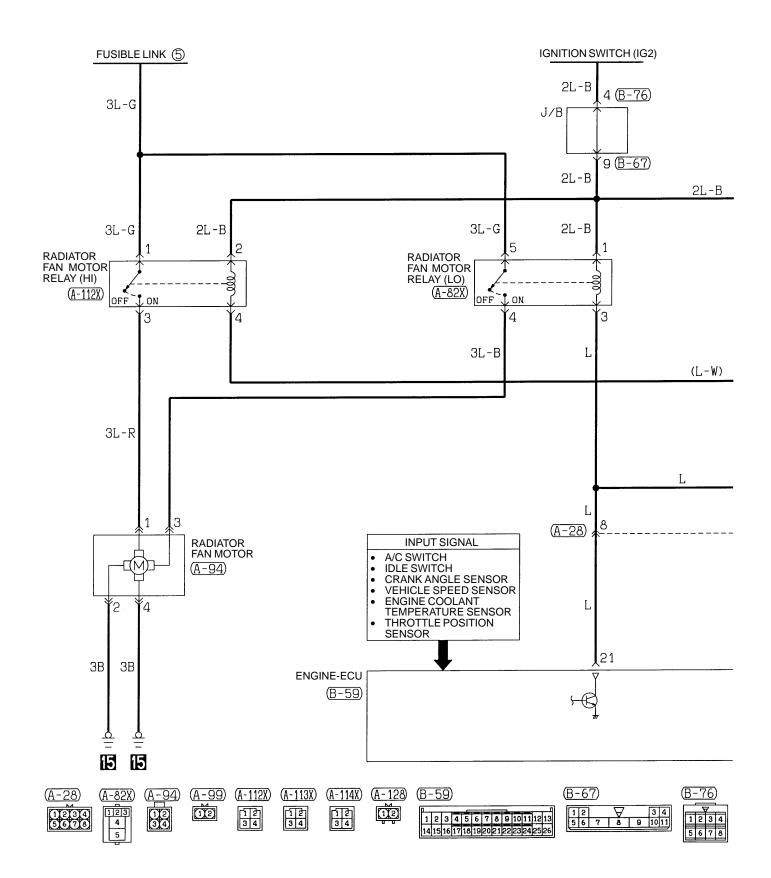
ENGINE CONTROL SYSTEM (CONTINUED)

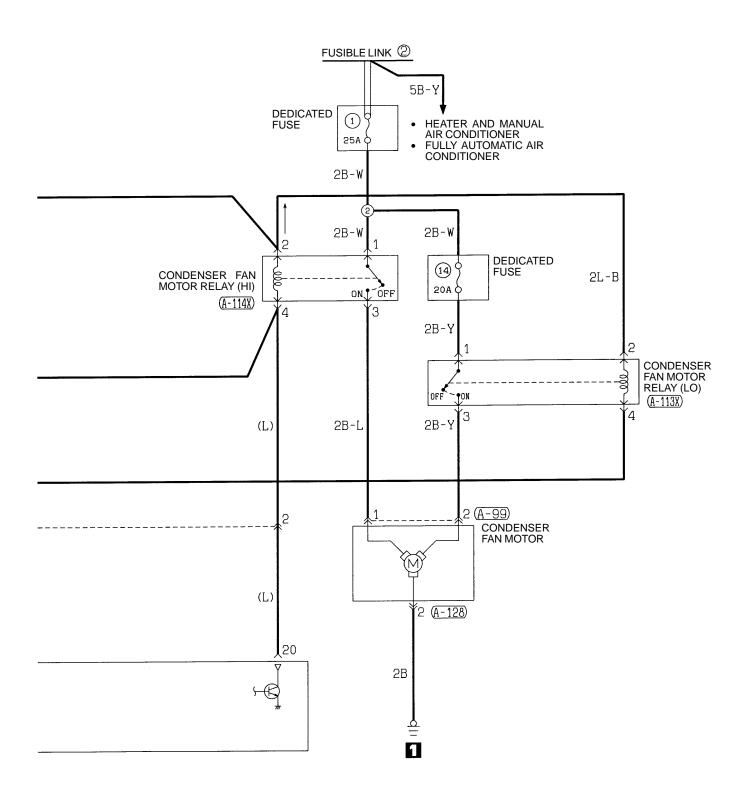




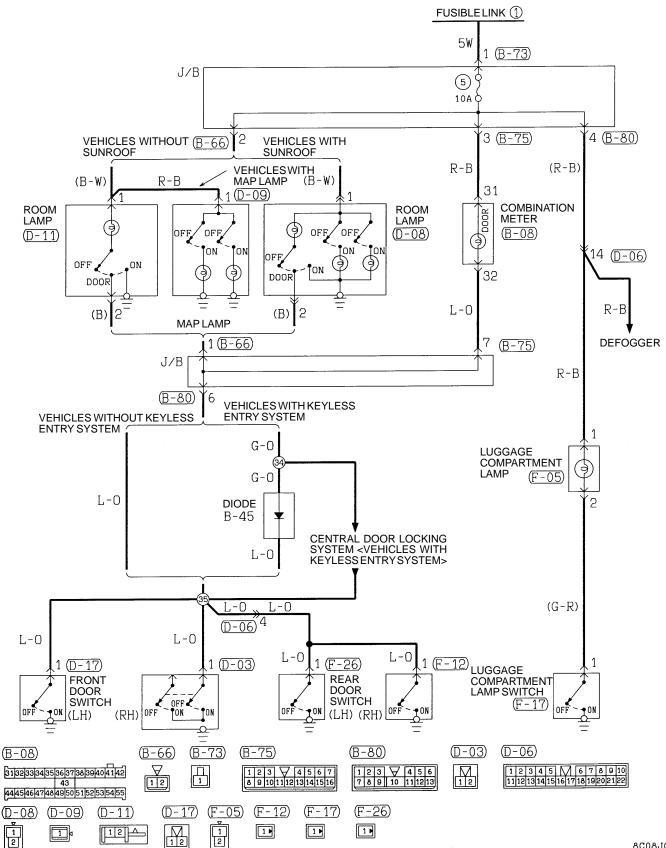


COOLING SYSTEM



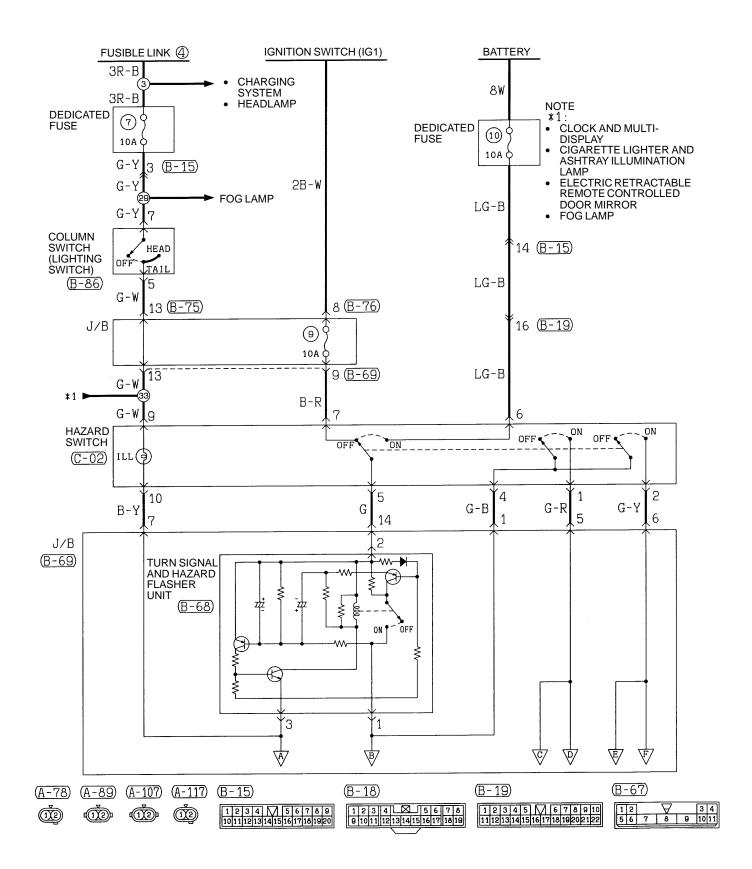


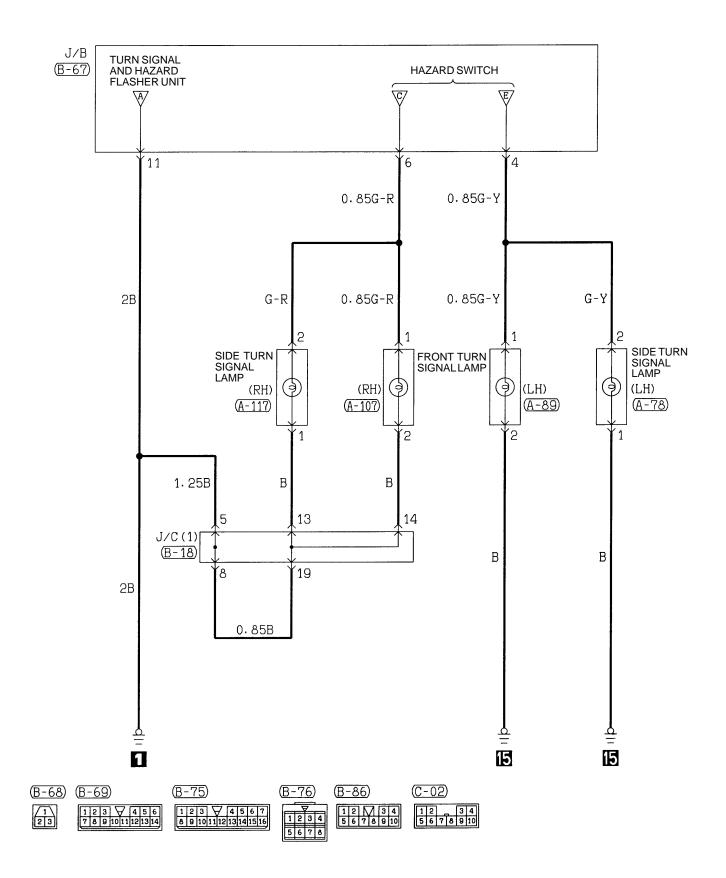
ROOM LAMP AND LUGGAGE COMPARTMENT LAMP



NOTES

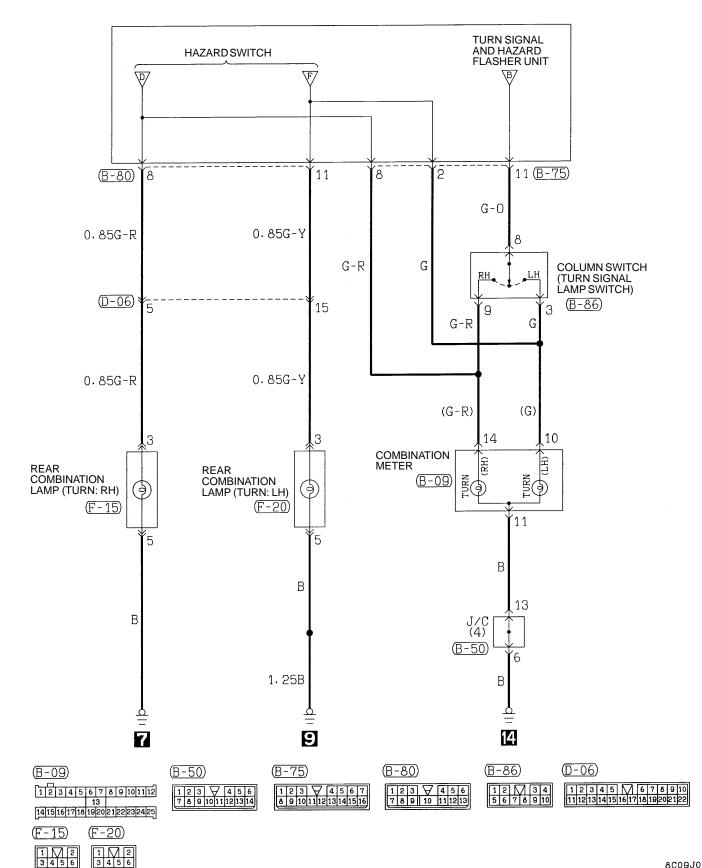
TURN-SIGNAL LAMP AND HAZARD LAMP



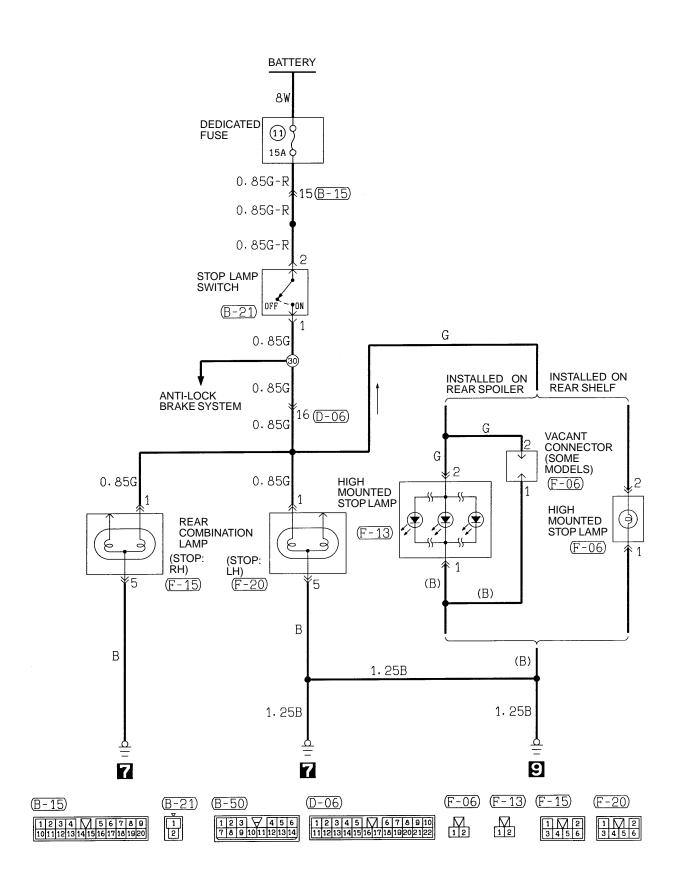


TURN-SIGNAL LAMP AND HAZARD LAMP (CONTINUED)

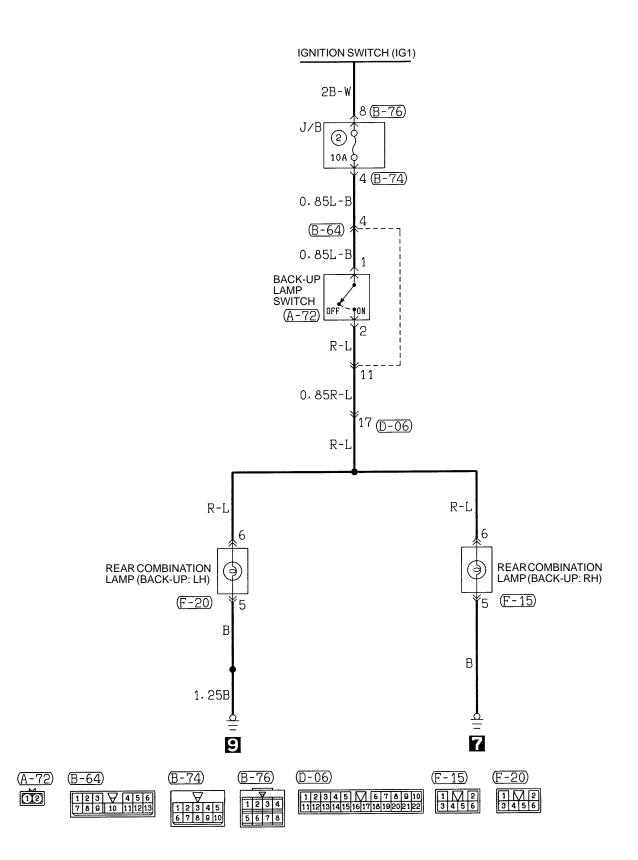
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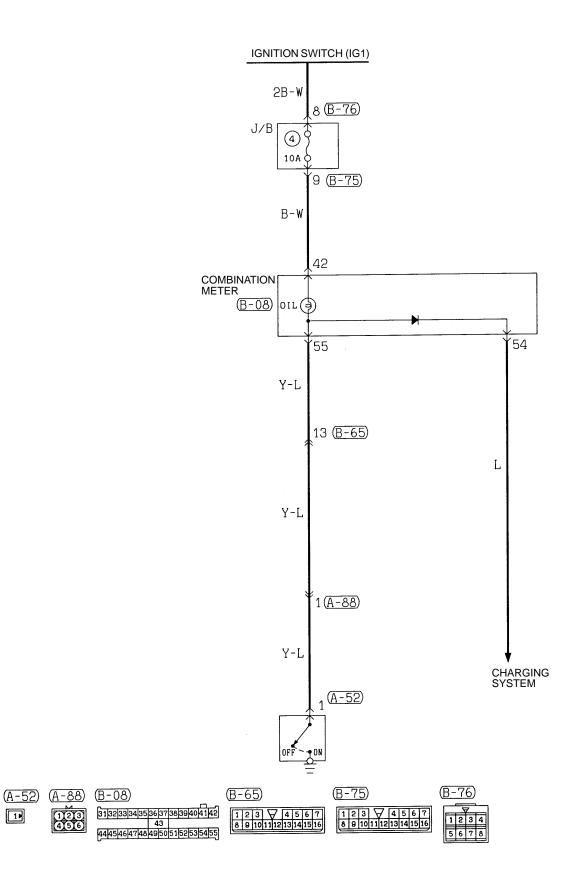
STOP LAMP



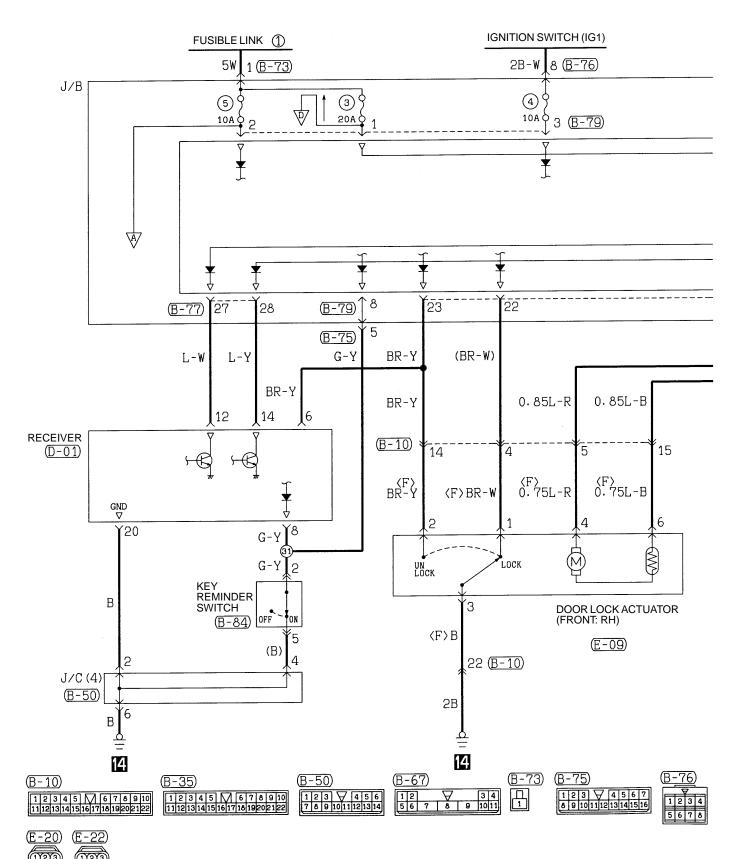
BACK-UP LAMP

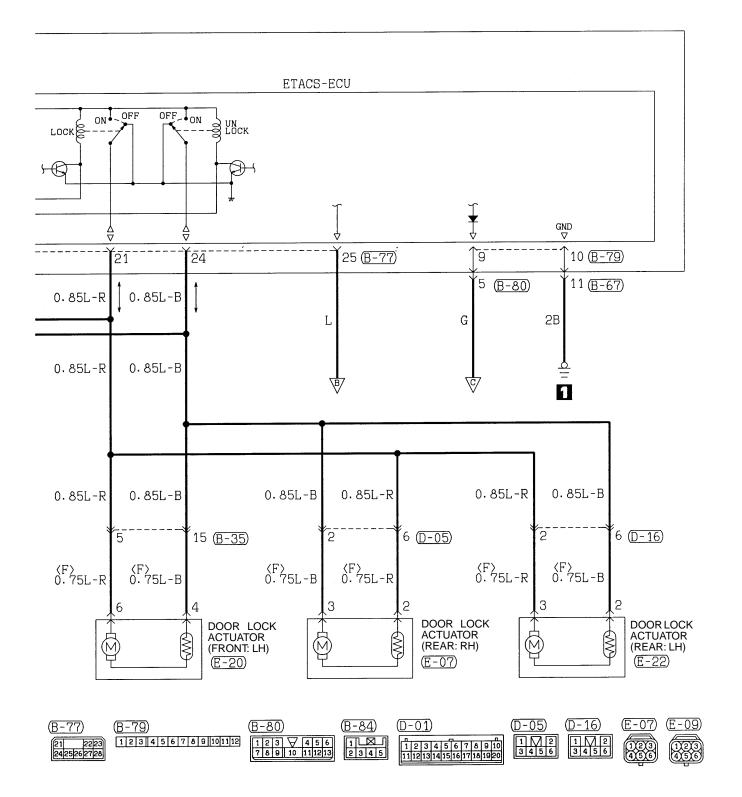


OIL PRESSURE WARNING LAMP

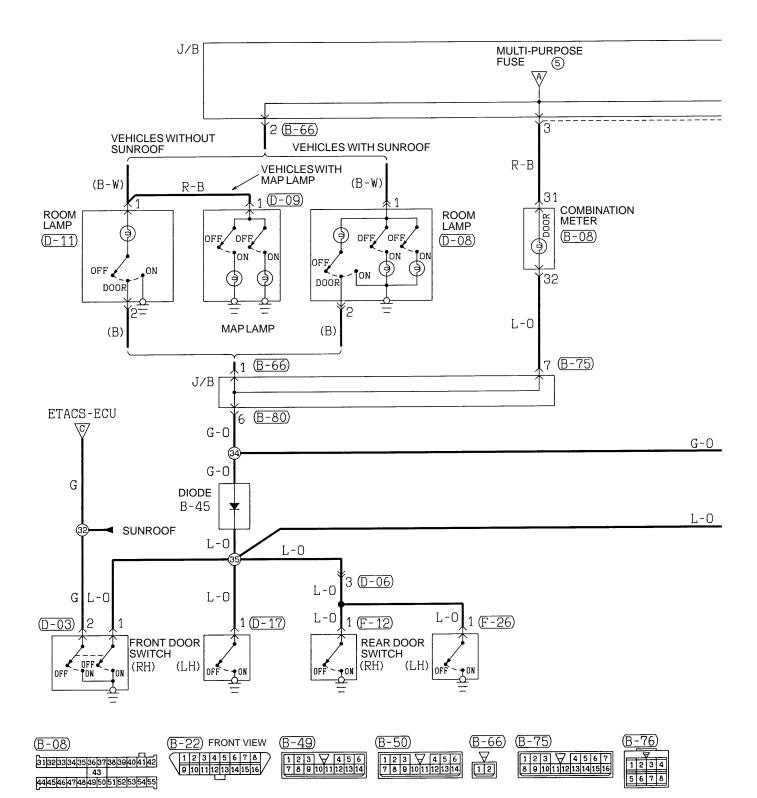


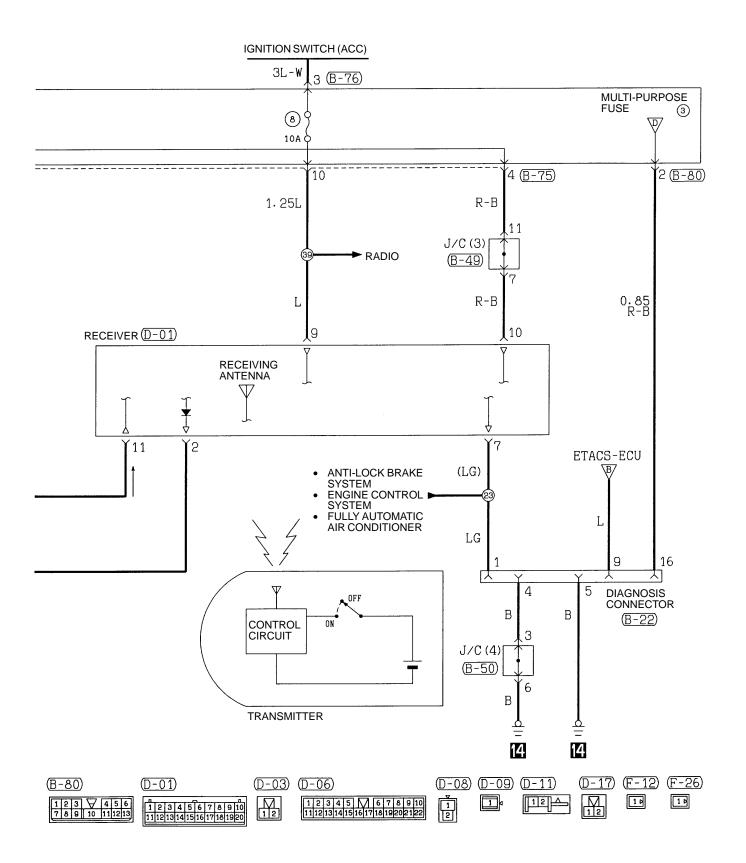
CENTRAL DOOR LOCKING SYSTEM <VEHICLES WITH KEYLESS ENTRY SYSTEM>



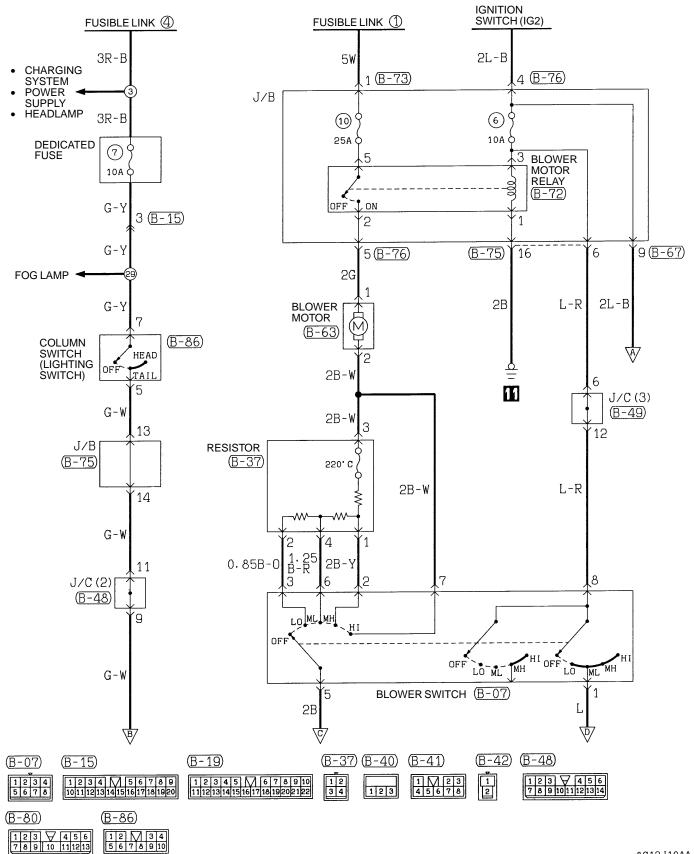


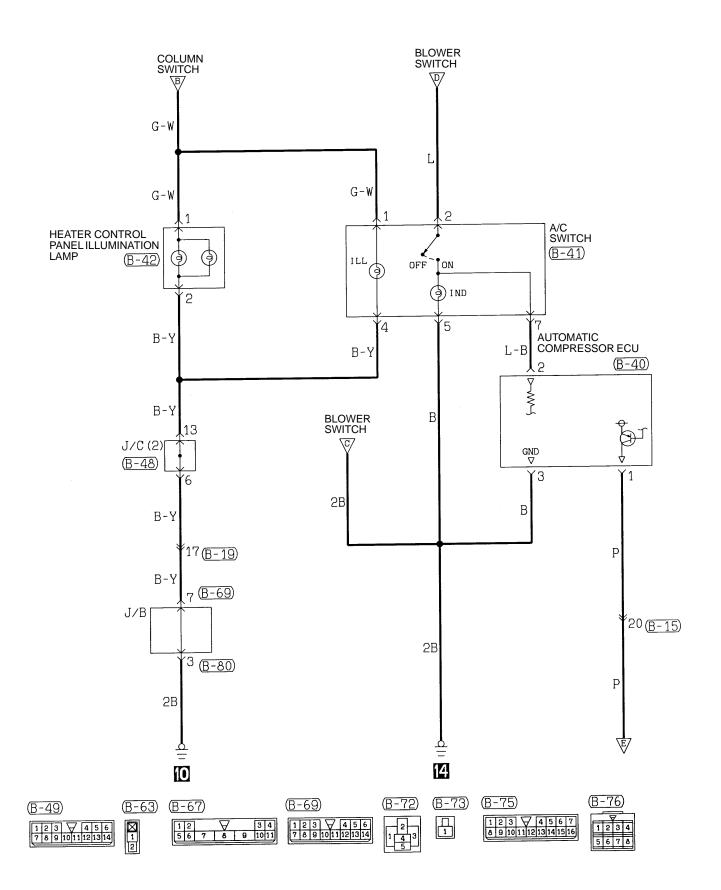
CENTRAL DOOR LOCKING SYSTEM <VEHICLES WITH KEYLESS ENTRY SYSTEM> (CONTINUED)



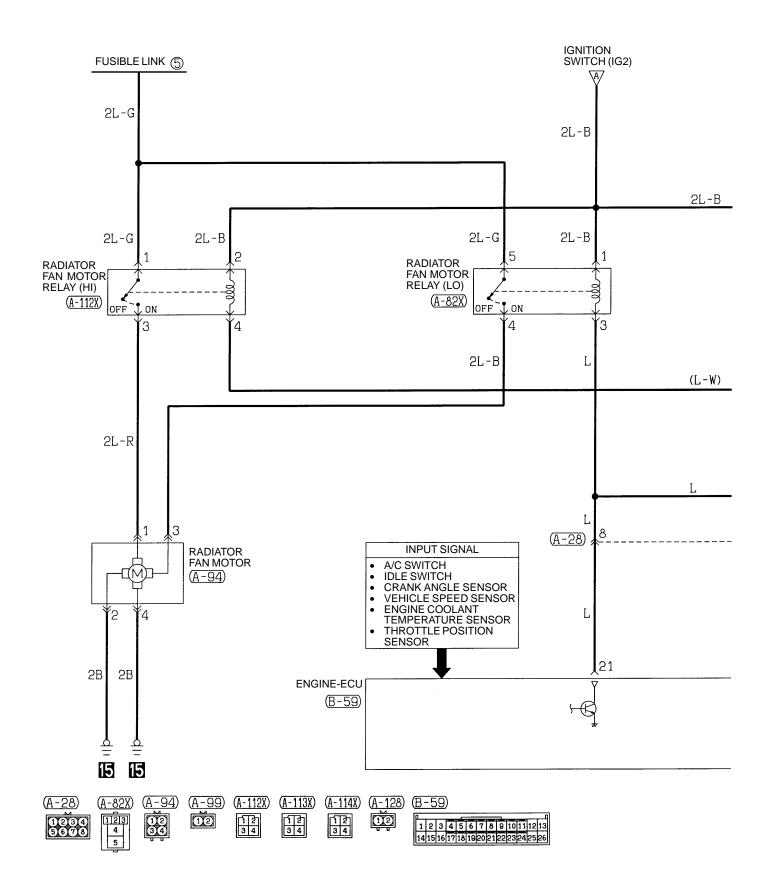


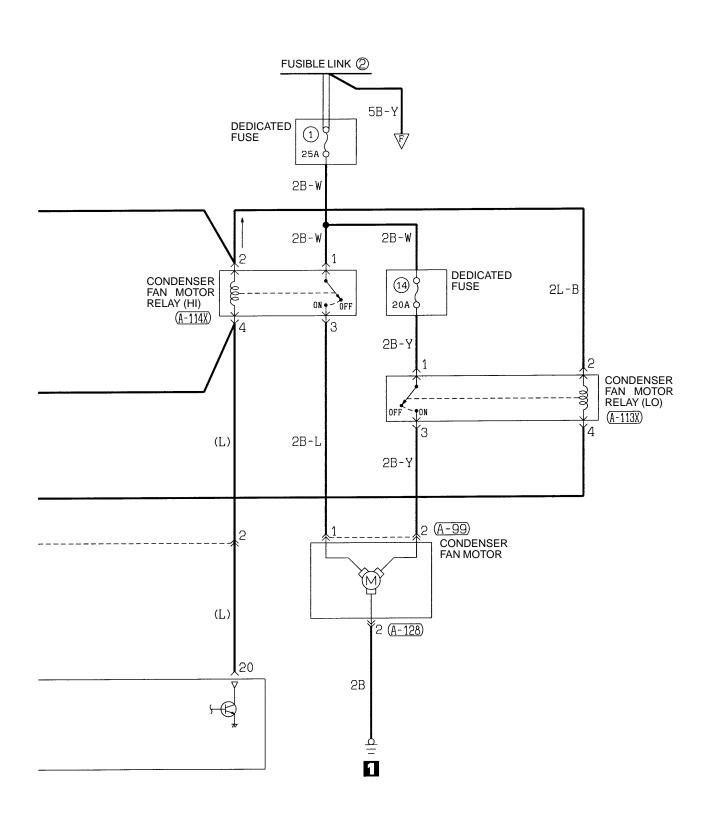
HEATER AND MANUAL AIR CONDITIONER



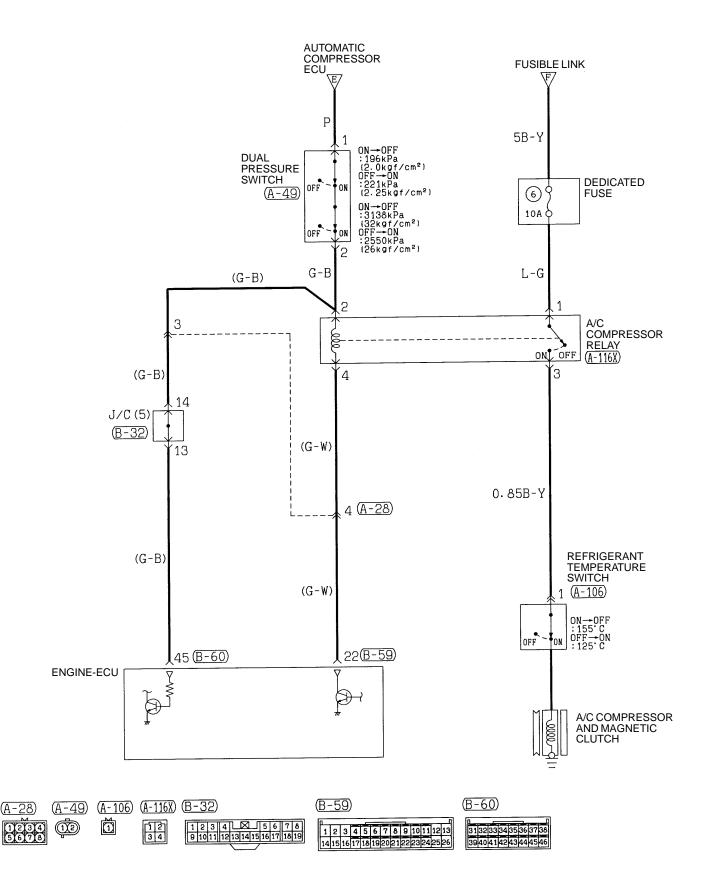


HEATER AND MANUAL AIR CONDITIONER (CONTINUED)



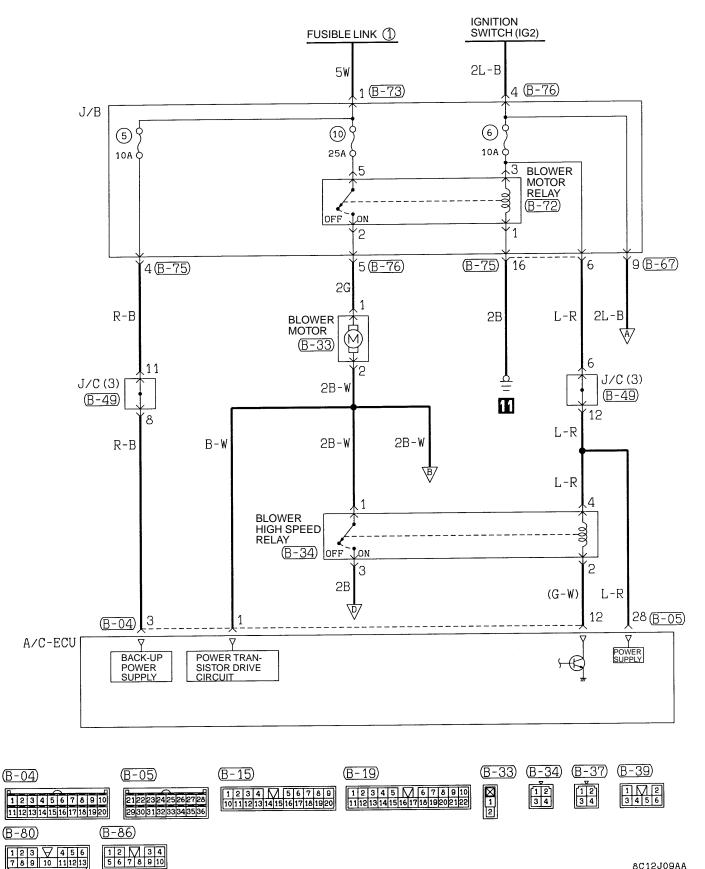


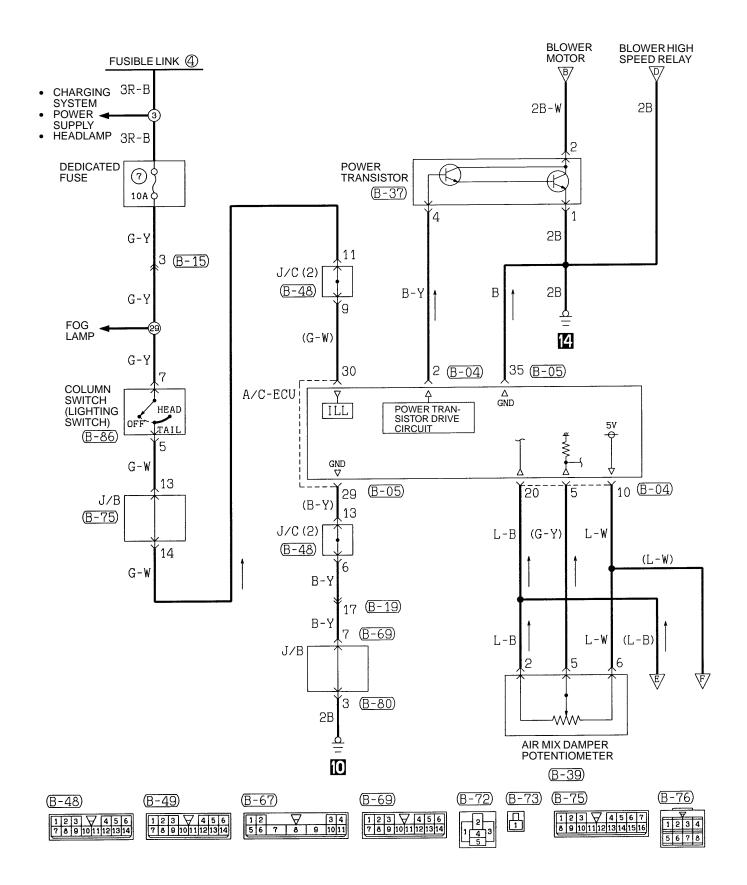
HEATER AND MANUAL AIR CONDITIONER (CONTINUED)



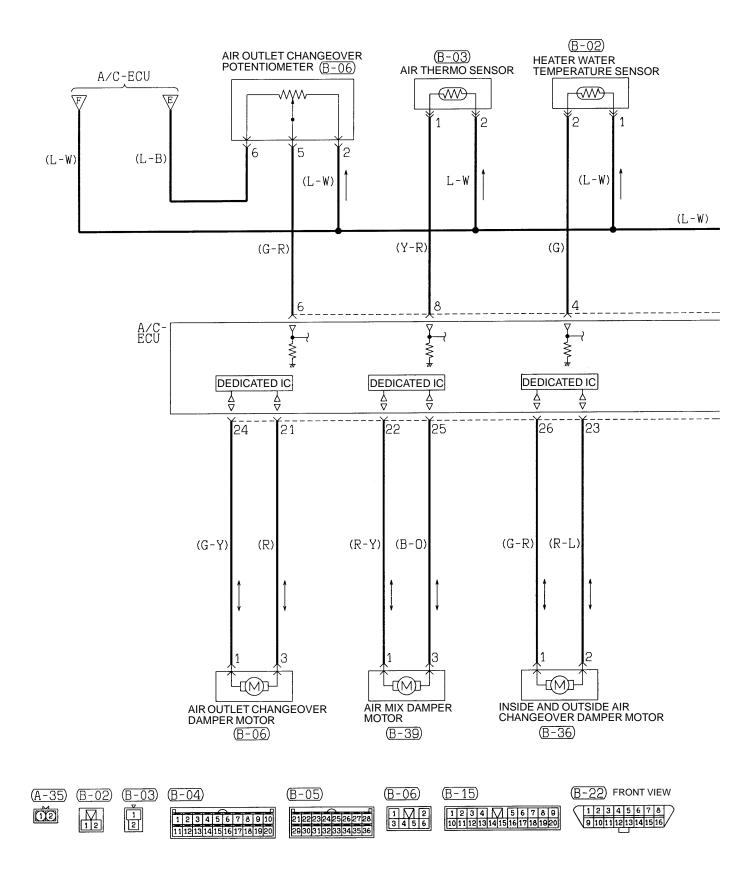
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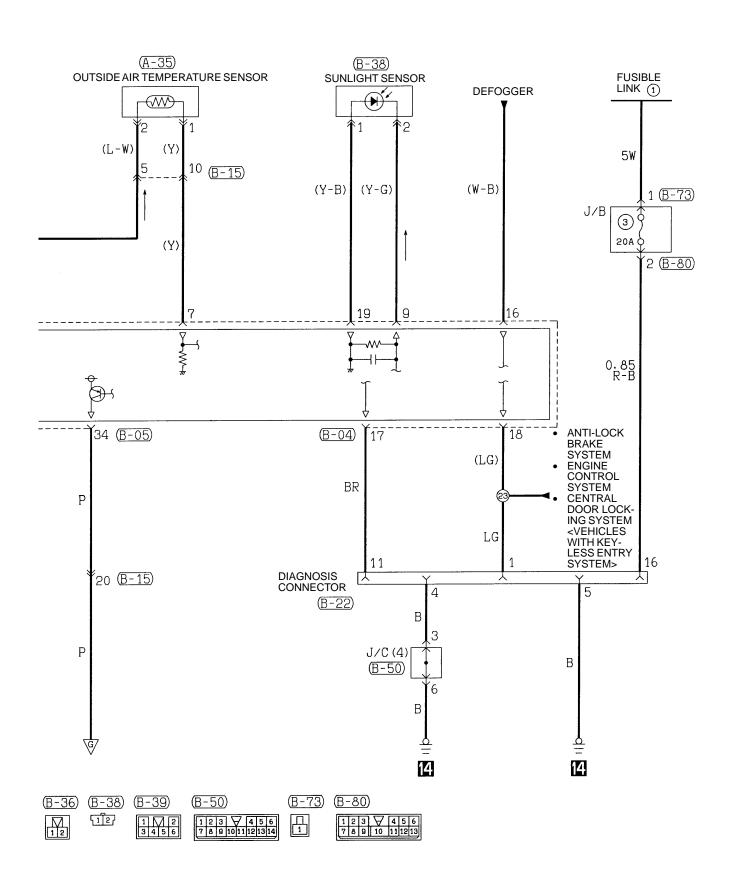
FULLY AUTOMATIC AIR CONDITIONER





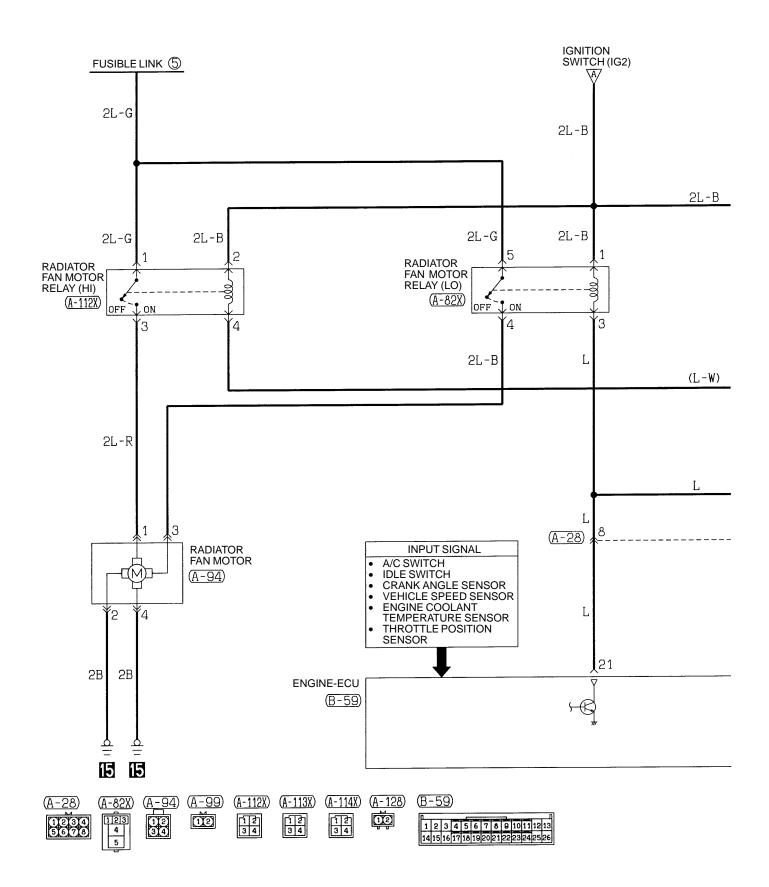
FULLY AUTOMATIC AIR CONDITIONER (CONTINUED)



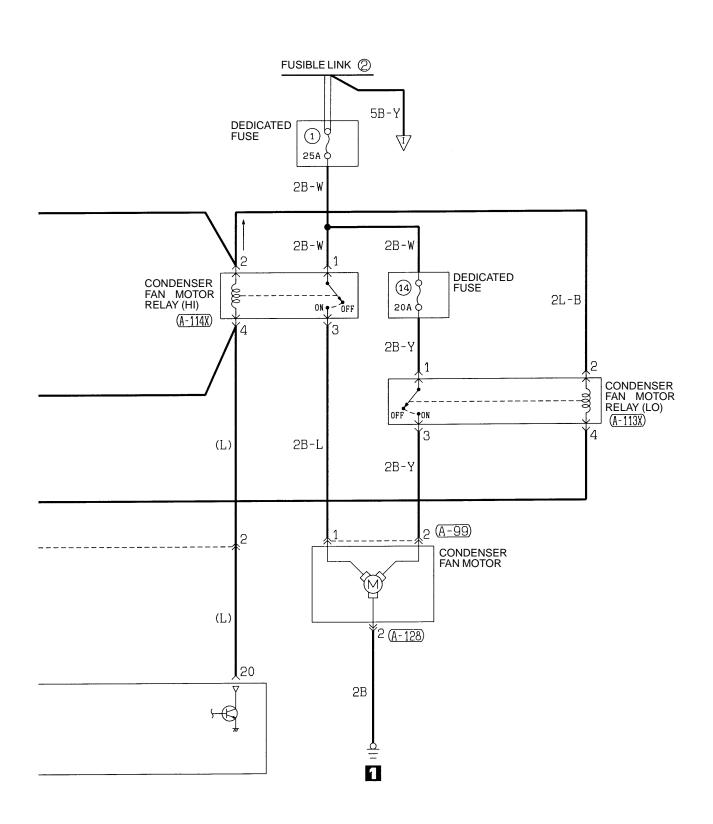




FULLY AUTOMATIC AIR CONDITIONER (CONTINUED)

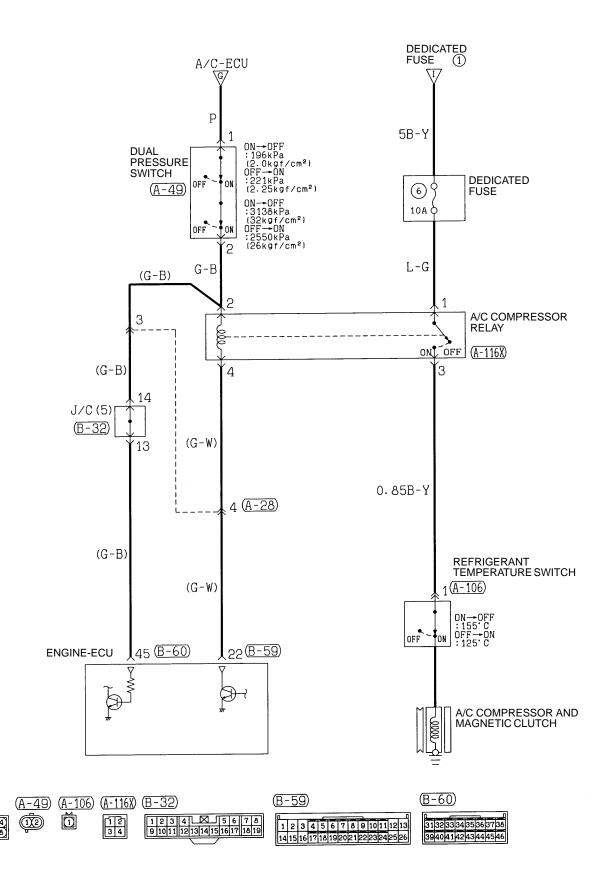


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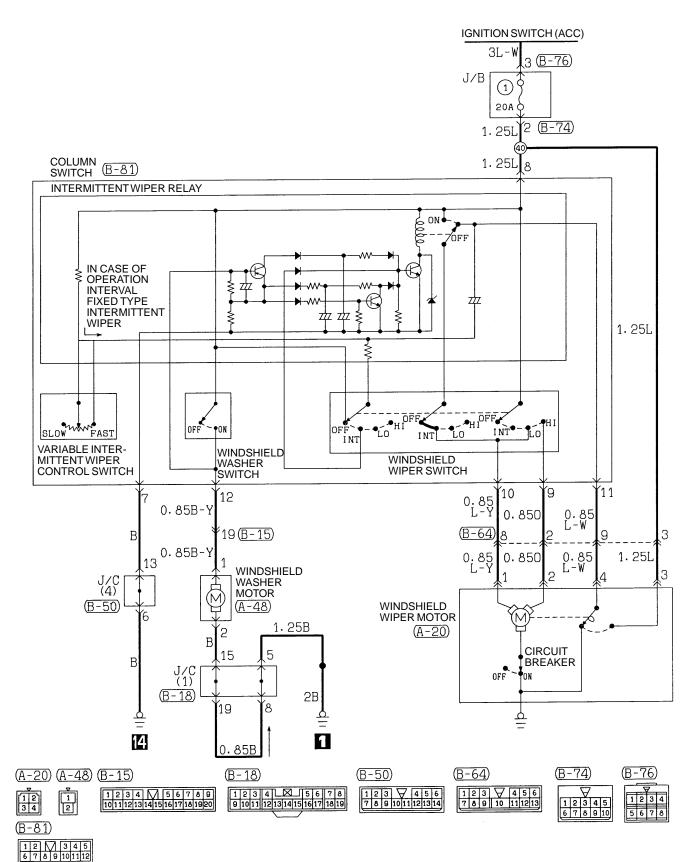


(A-28)

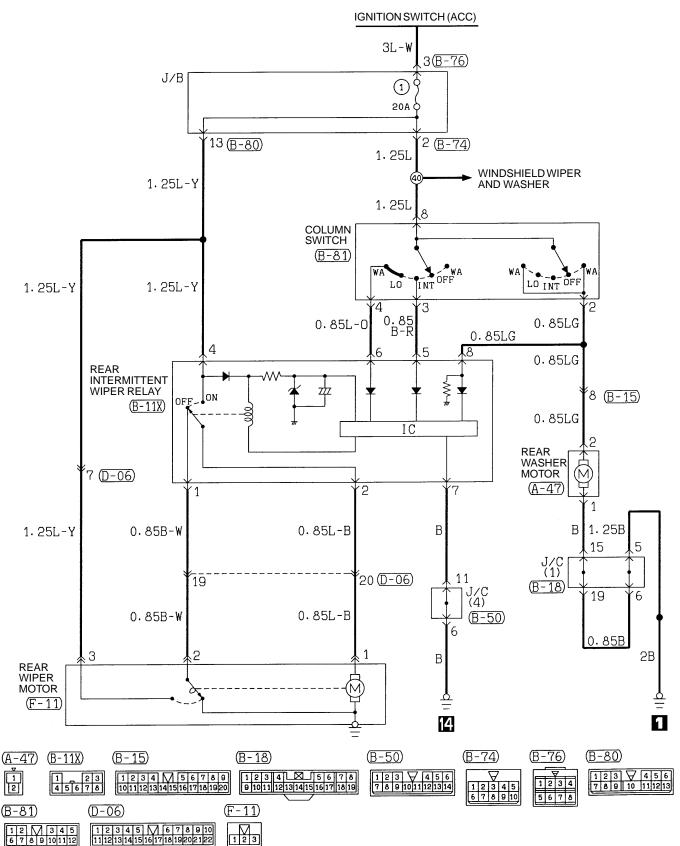
FULLY AUTOMATIC AIR CONDITIONER (CONTINUED)



WINDSHIELD WIPER AND WASHER <INTERMITTENT WIPER>

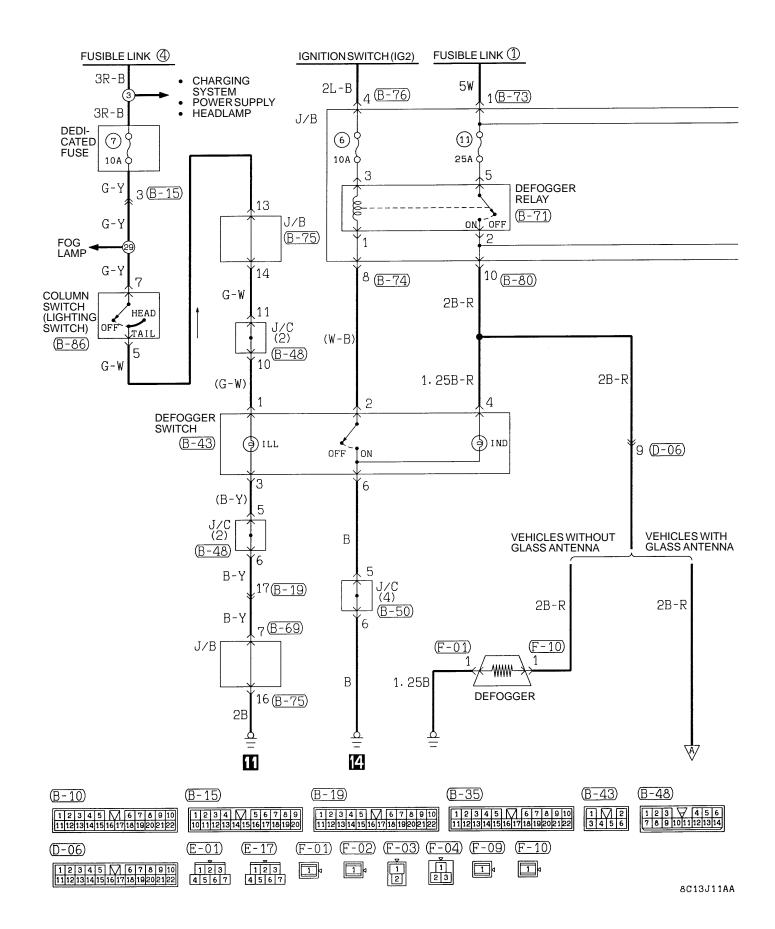


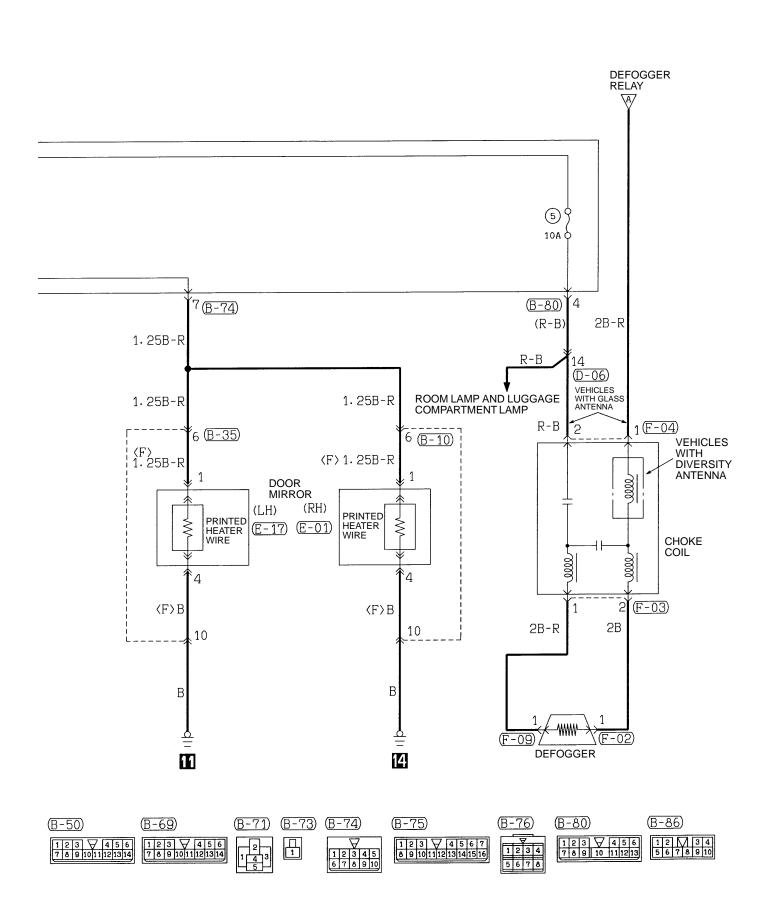
REAR WIPER AND WASHER



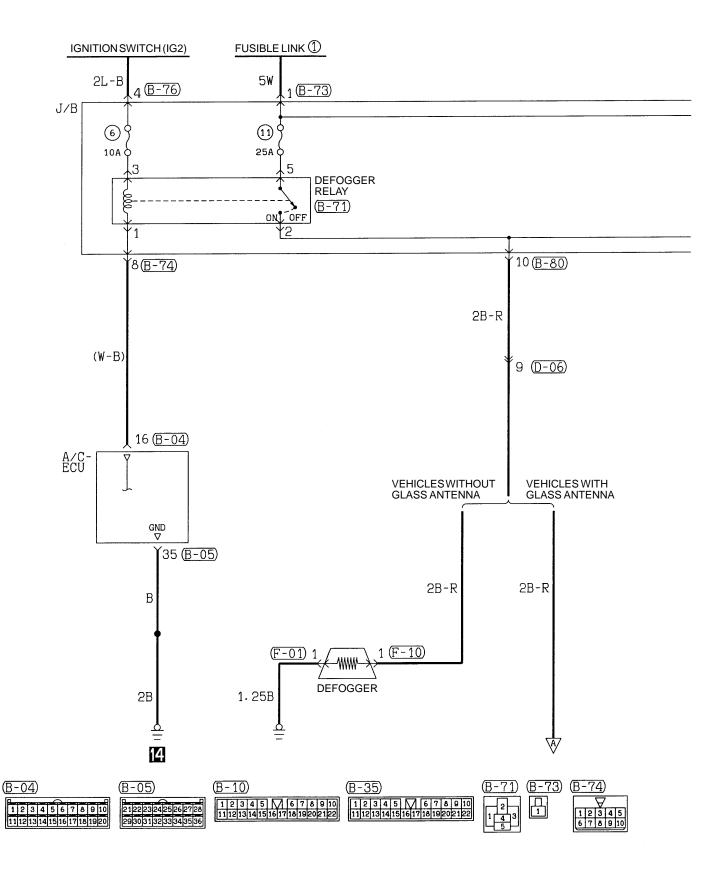
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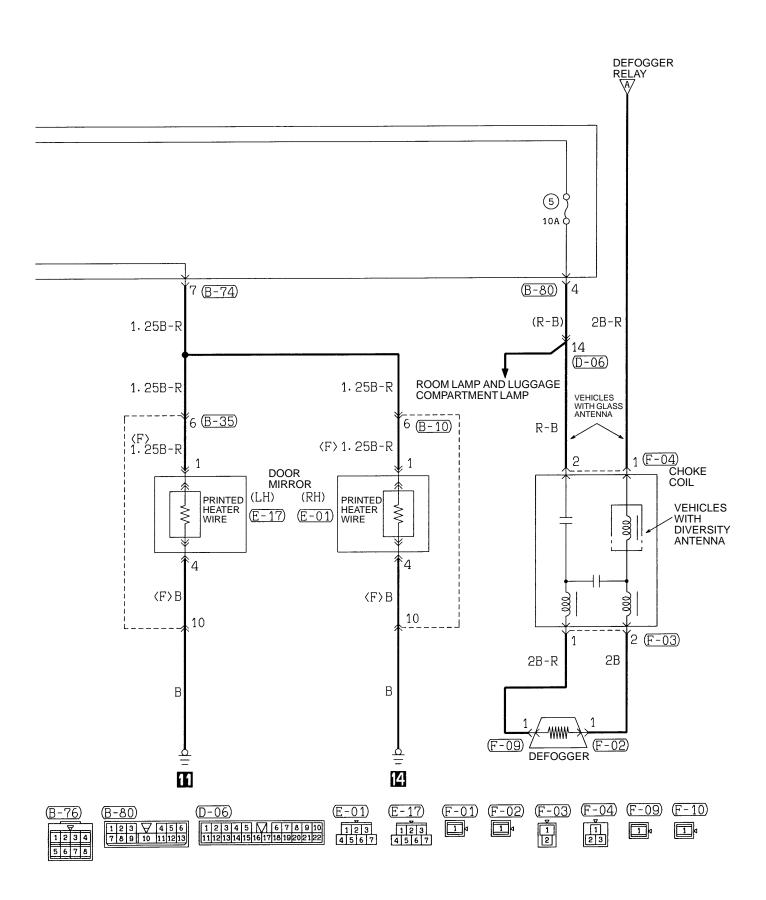
DEFOGGER AND DOOR MIRROR HEATER <VEHICLES WITHOUT FULLY AUTOMATIC AIR CONDITIONER>



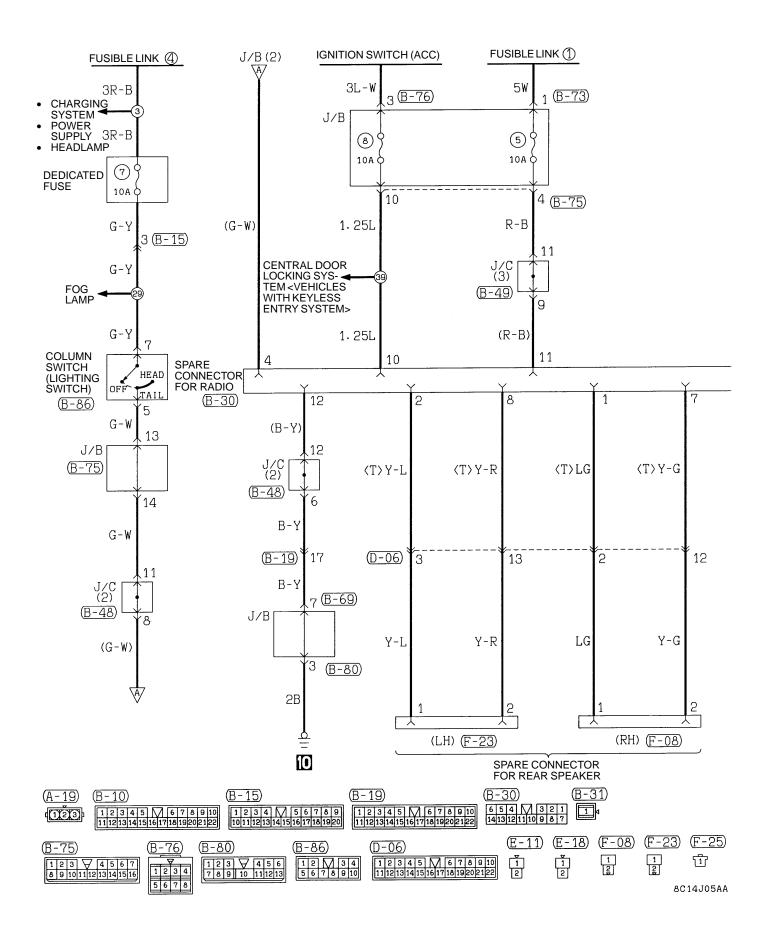


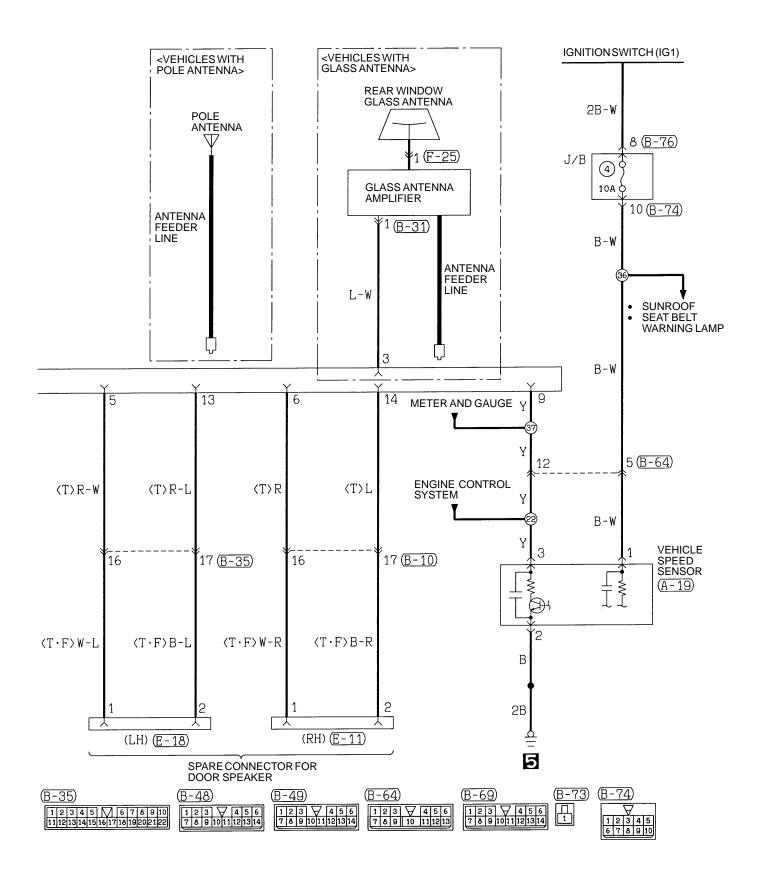
DEFOGGER AND DOOR MIRROR HEATER <VEHICLES WITH FULLY AUTOMATIC AIR CONDITIONER>



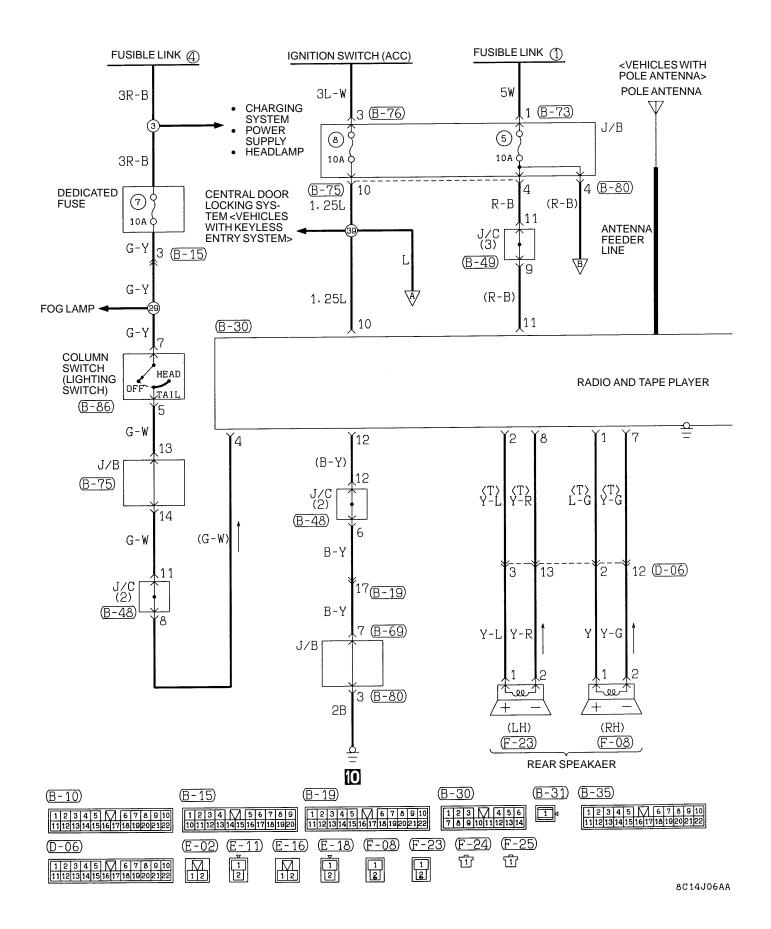


SPARE CONNECTOR FOR RADIO

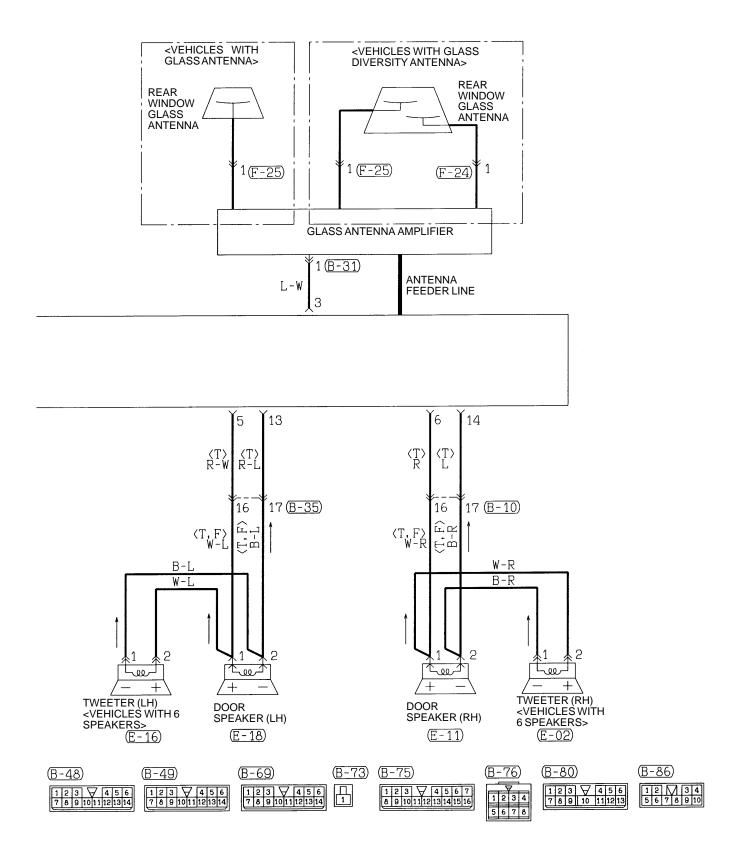




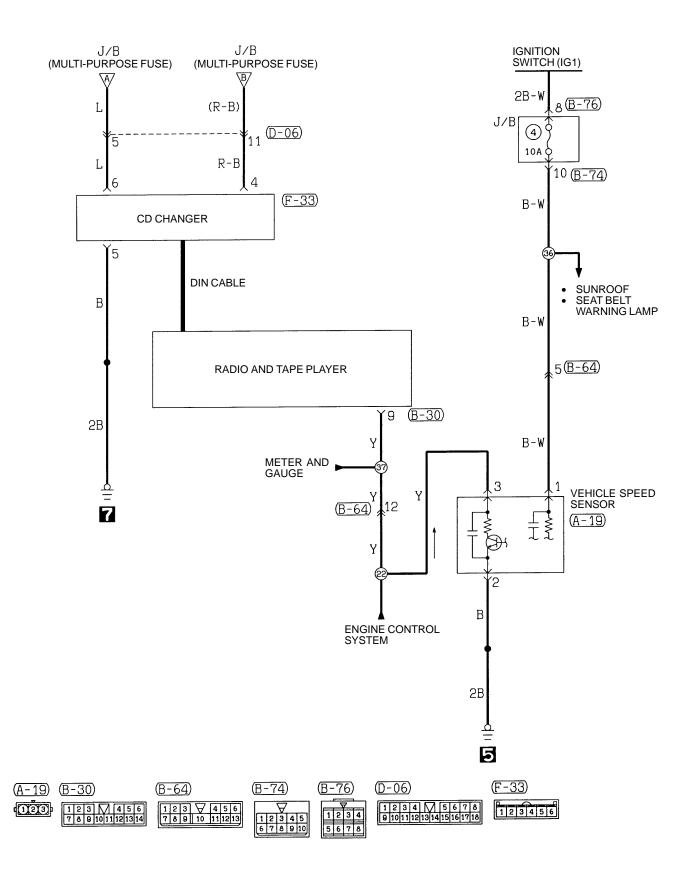
RADIO <4-SPEAKER, 6-SPEAKER>



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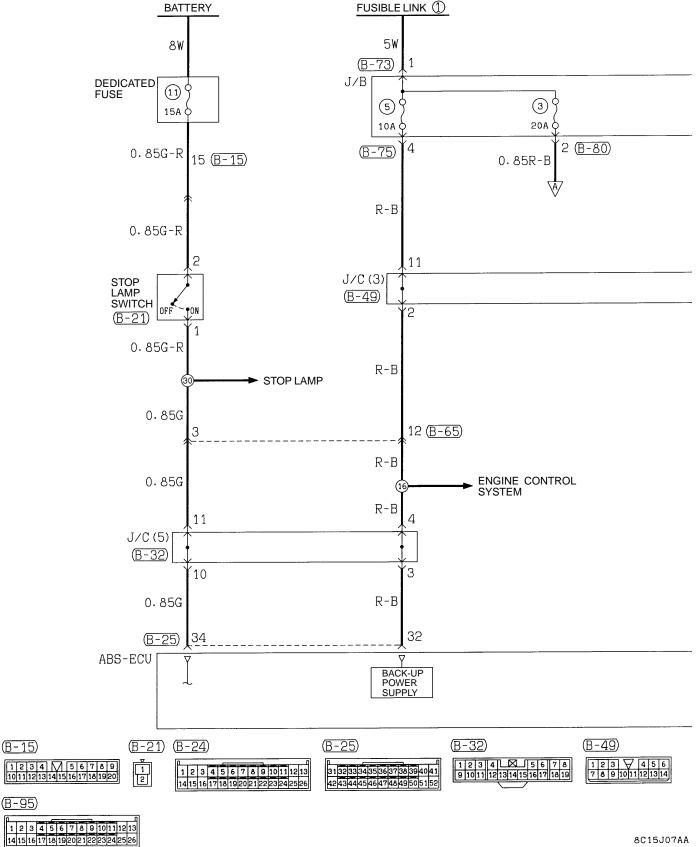


RADIO <4-SPEAKER, 6-SPEAKER> (CONTINUED)



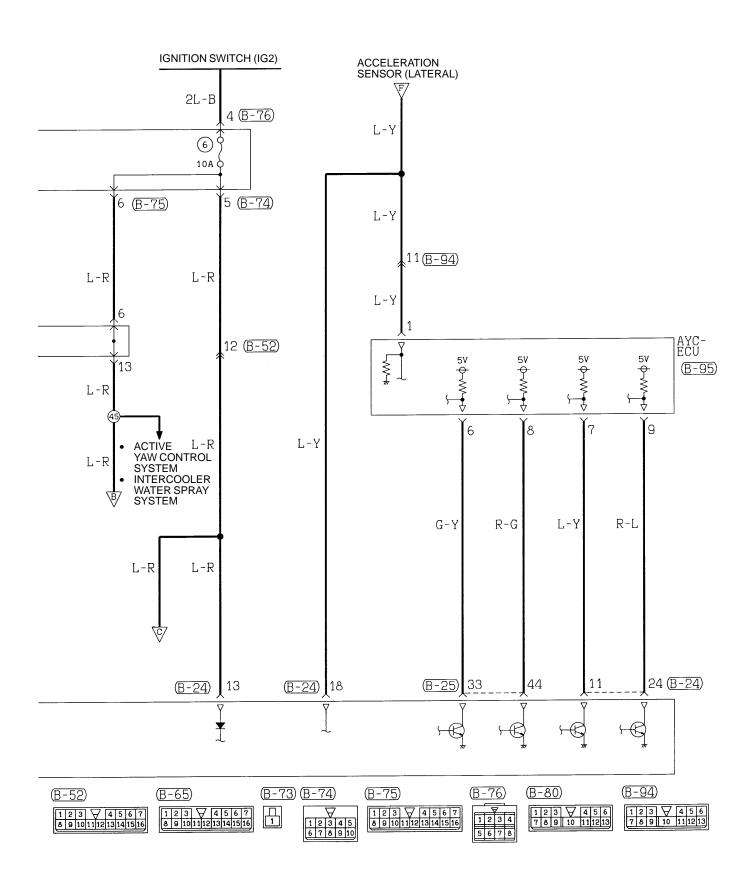
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ANTI-LOCK BRAKE SYSTEM (ABS)

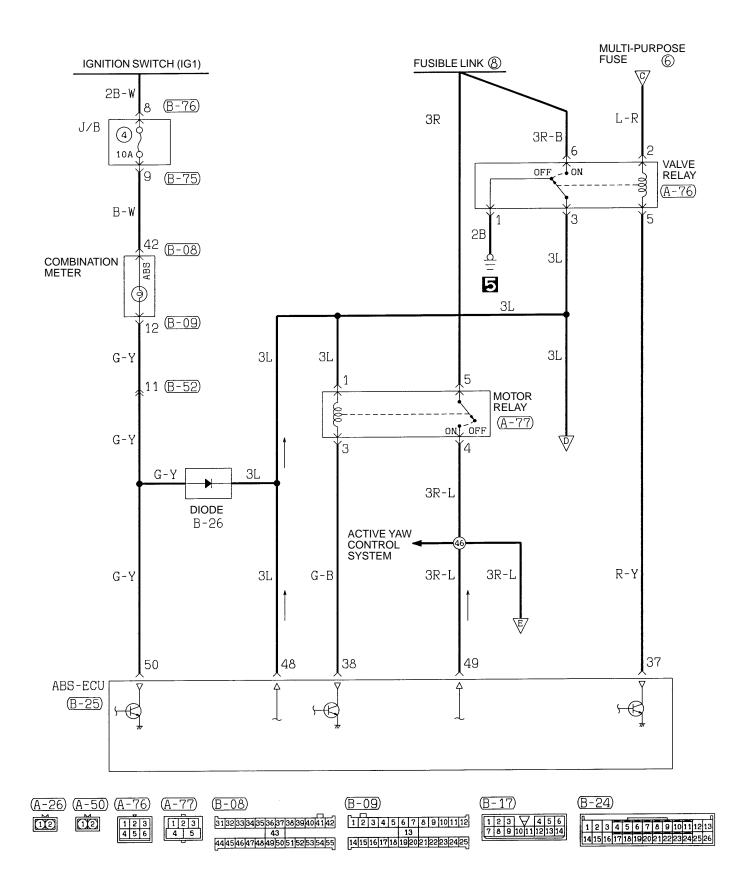


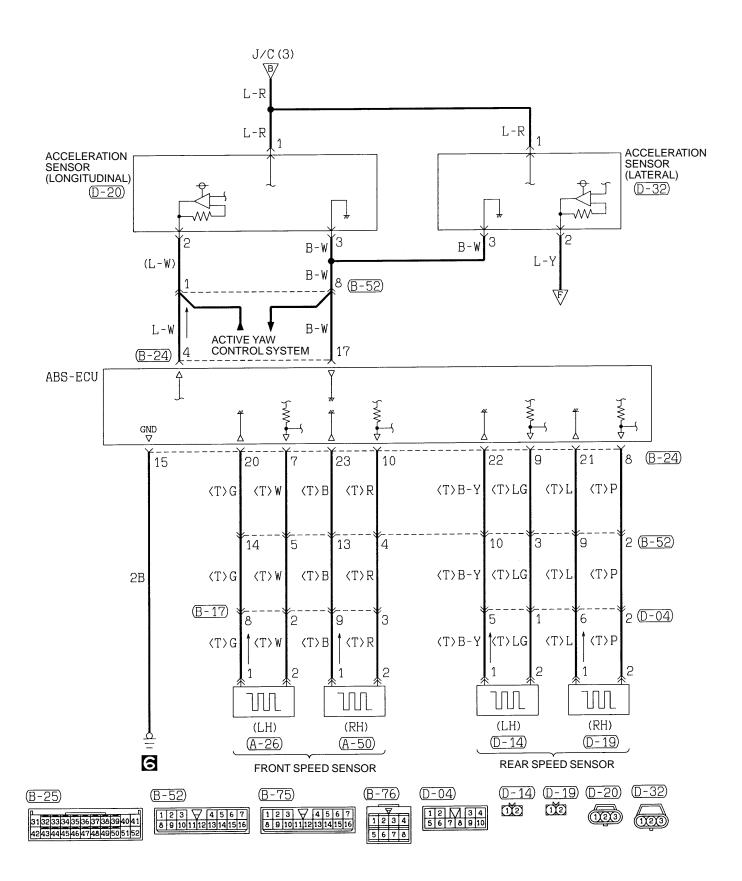
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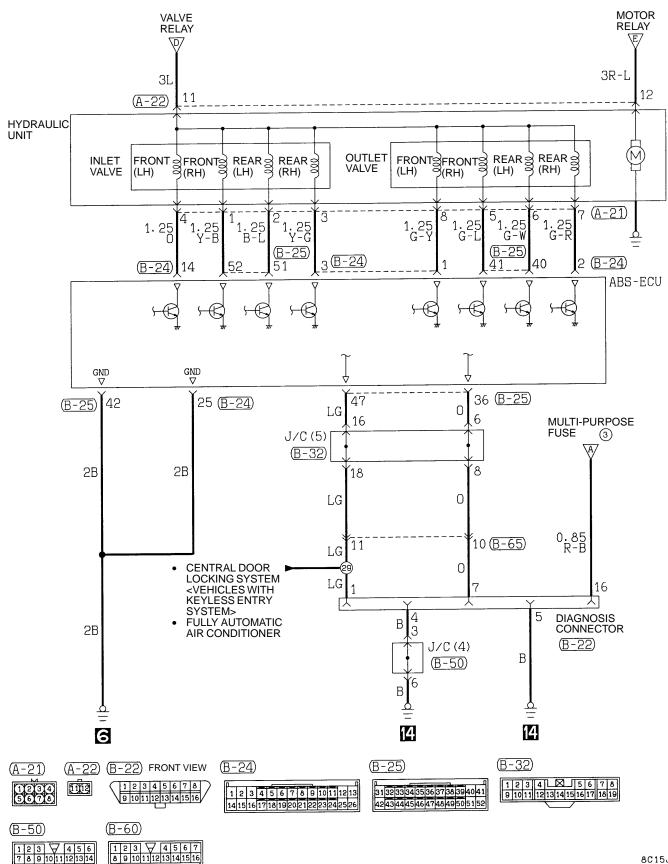


ANTI-LOCK BRAKE SYSTEM (ABS) (CONTINUED)



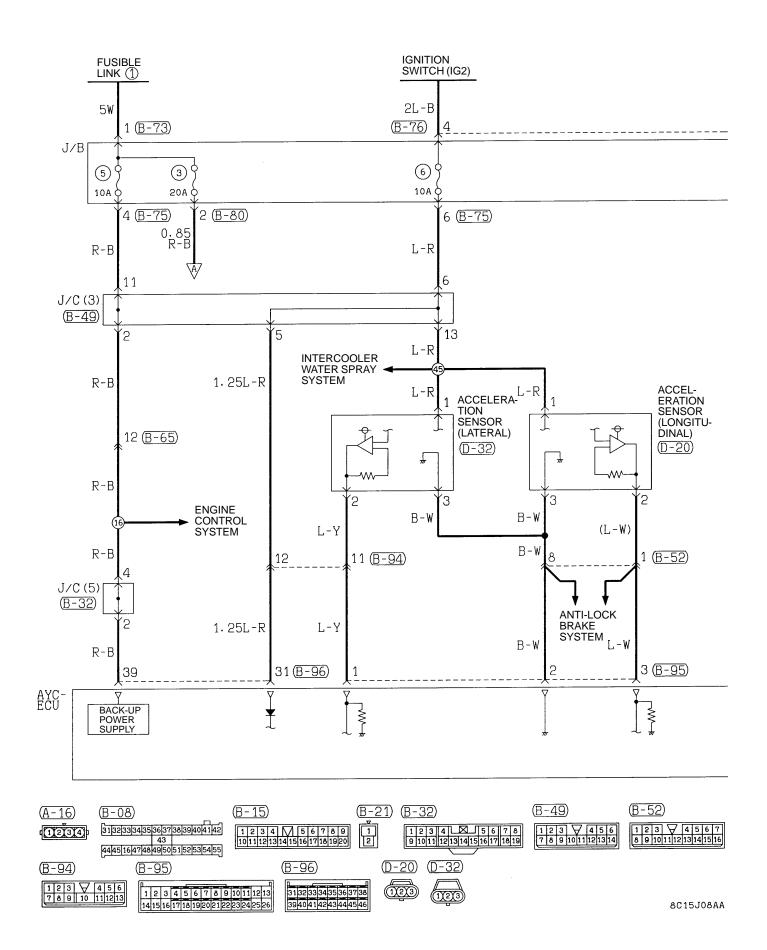


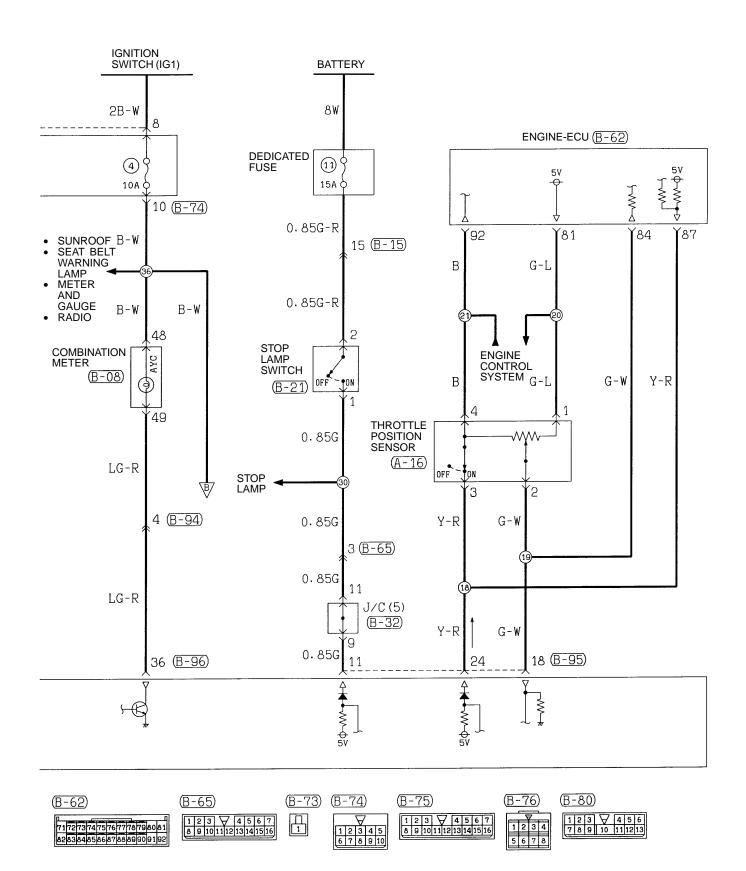
ANTI-LOCK BRAKE SYSTEM (ABS) (CONTINUED)



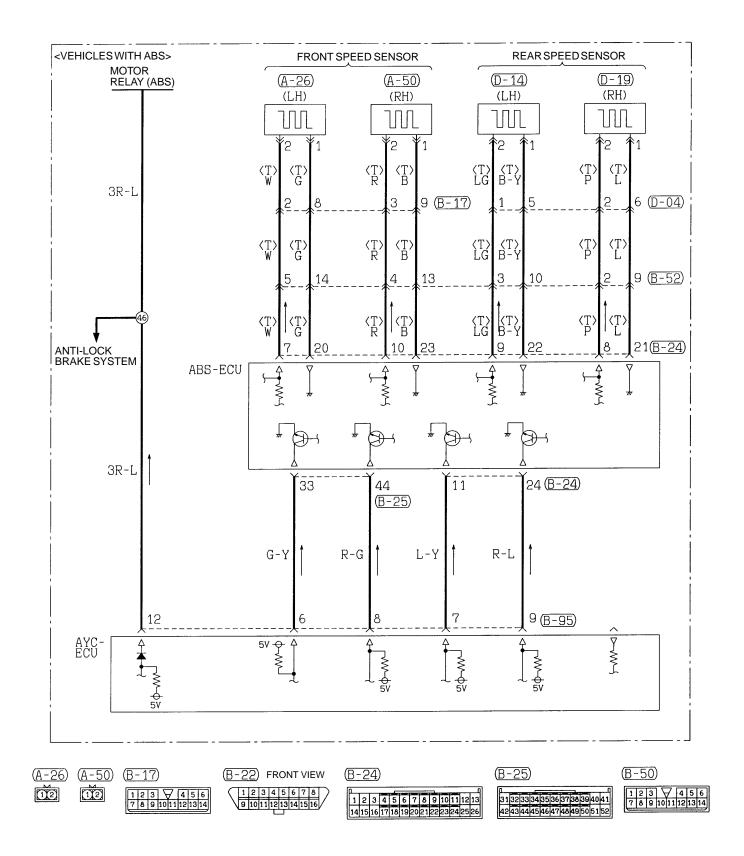
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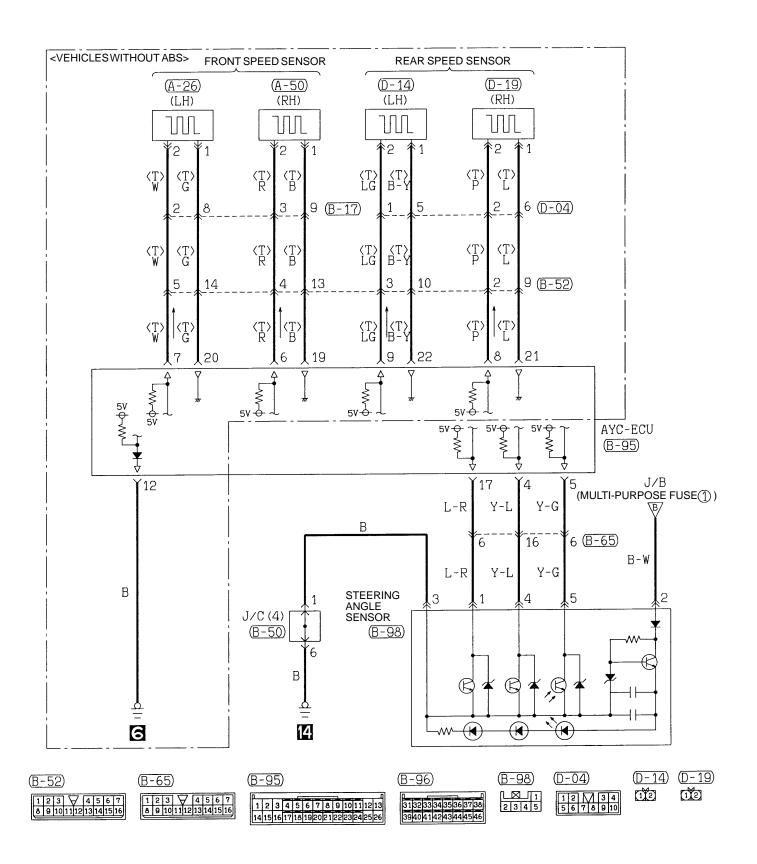
ACTIVE YAW CONTROL SYSTEM (AYC)



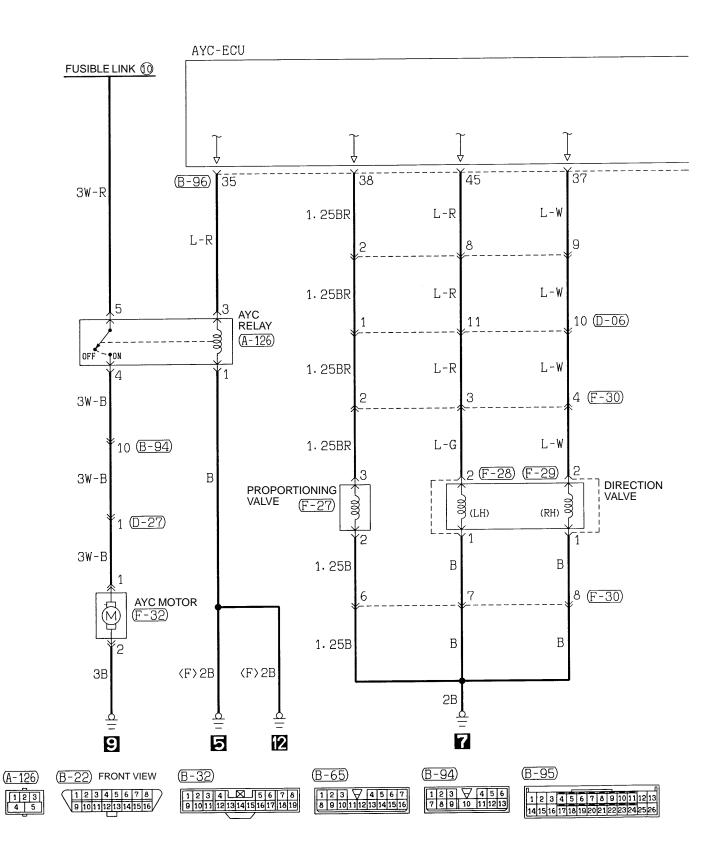


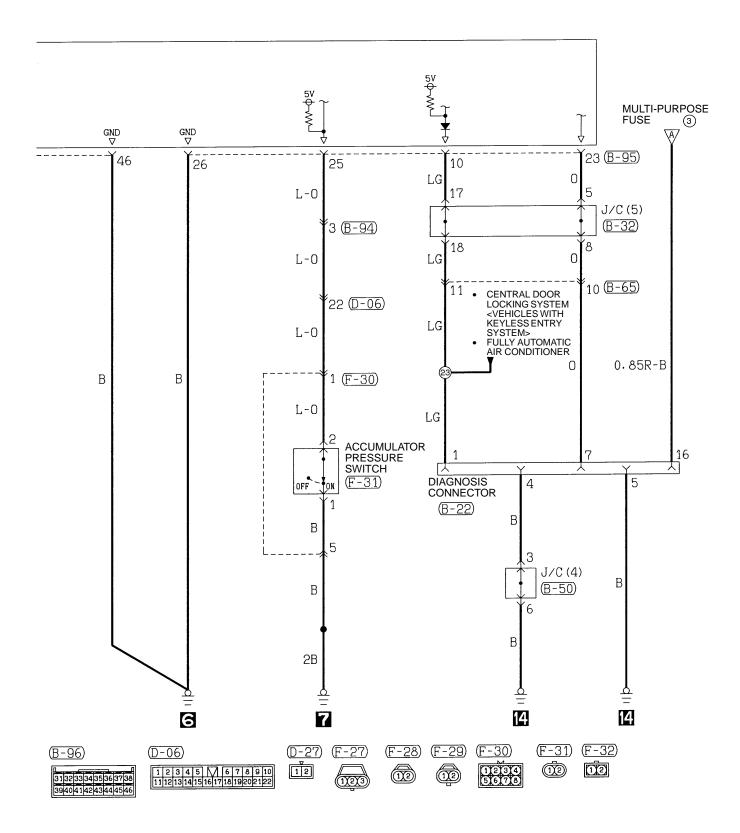
ACTIVE YAW CONTROL SYSTEM (AYC) (CONTINUED)



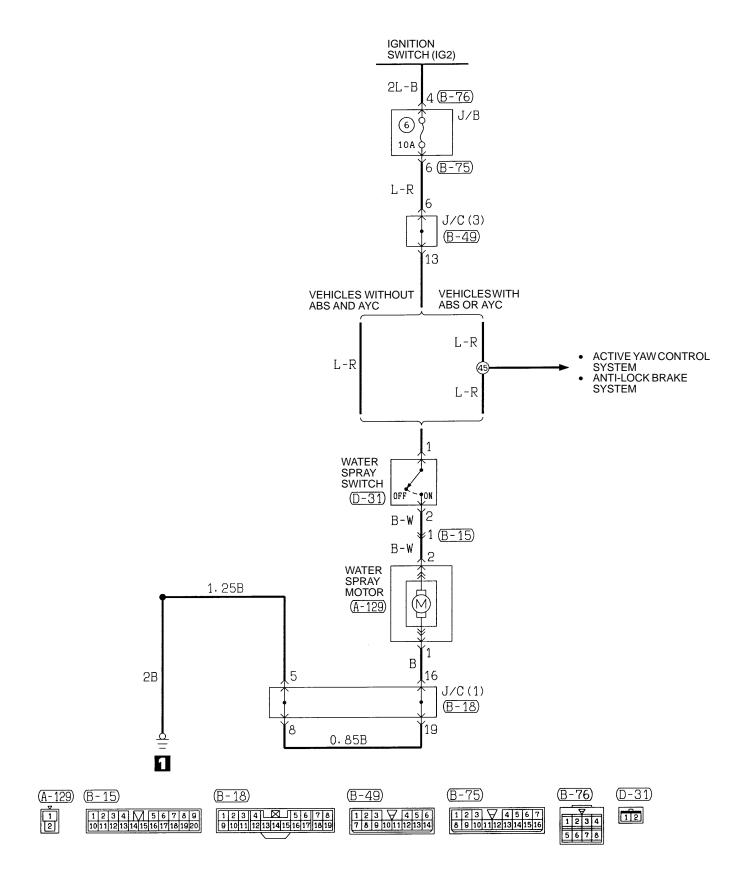


ACTIVE YAW CONTROL SYSTEM (AYC) (CONTINUED)





INTERCOOLER WATER SPRAY SYSTEM



8C15J09AA