

1A HOW TO READ THE WIRING DIAGRAMS

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HOW TO READ CONFIGURATION DIAGRAMS

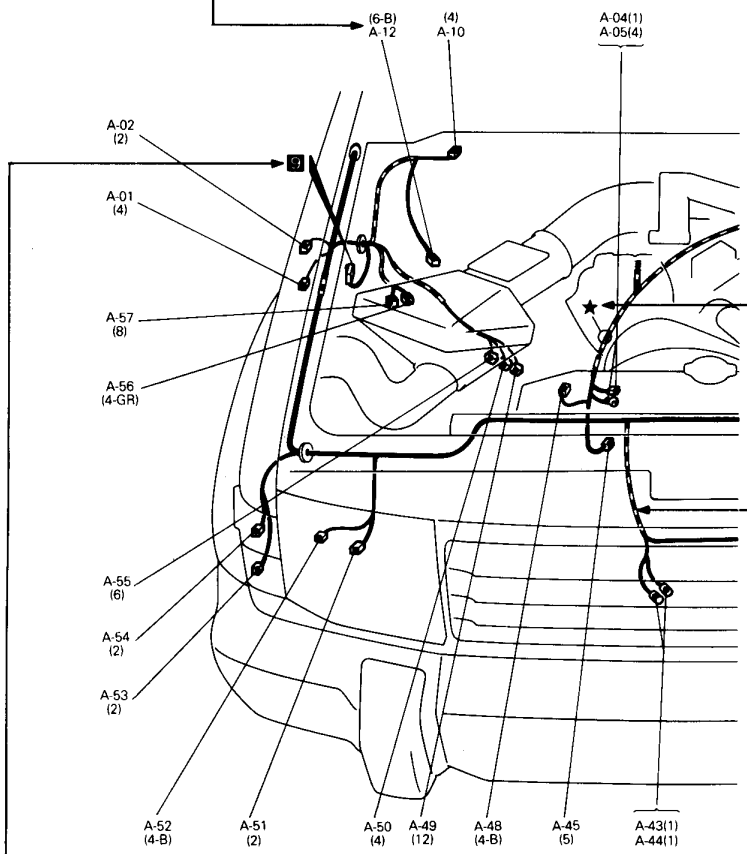
The wiring harness diagrams clearly show the connector locations and harness routings at each site in actual vehicles.

Denotes connector No.
 The same connector No. is used throughout the circuit diagrams to facilitate connector location searches.
 The first alphabetical symbol indicates the location site of the connector and a number that follows is the unique number. Numbers are assigned to parts in clockwise order on the diagram.
 Furthermore, to make searching easier, number of connector pins and connector colours (except in the case of milky white) are listed.

Example: (6-B) — Number of connector pins and connector colour
 A-12 (Connectors with no colour listed are milky white.)

Number specific to connector (serial number)
 Connector location site symbol
 A: Engine compartment
 B: Transmission
 C: Dash panel
 D: Instrument panel and floor console
 E: Floor, roof
 F: Door
 G: Back door and rear under floor

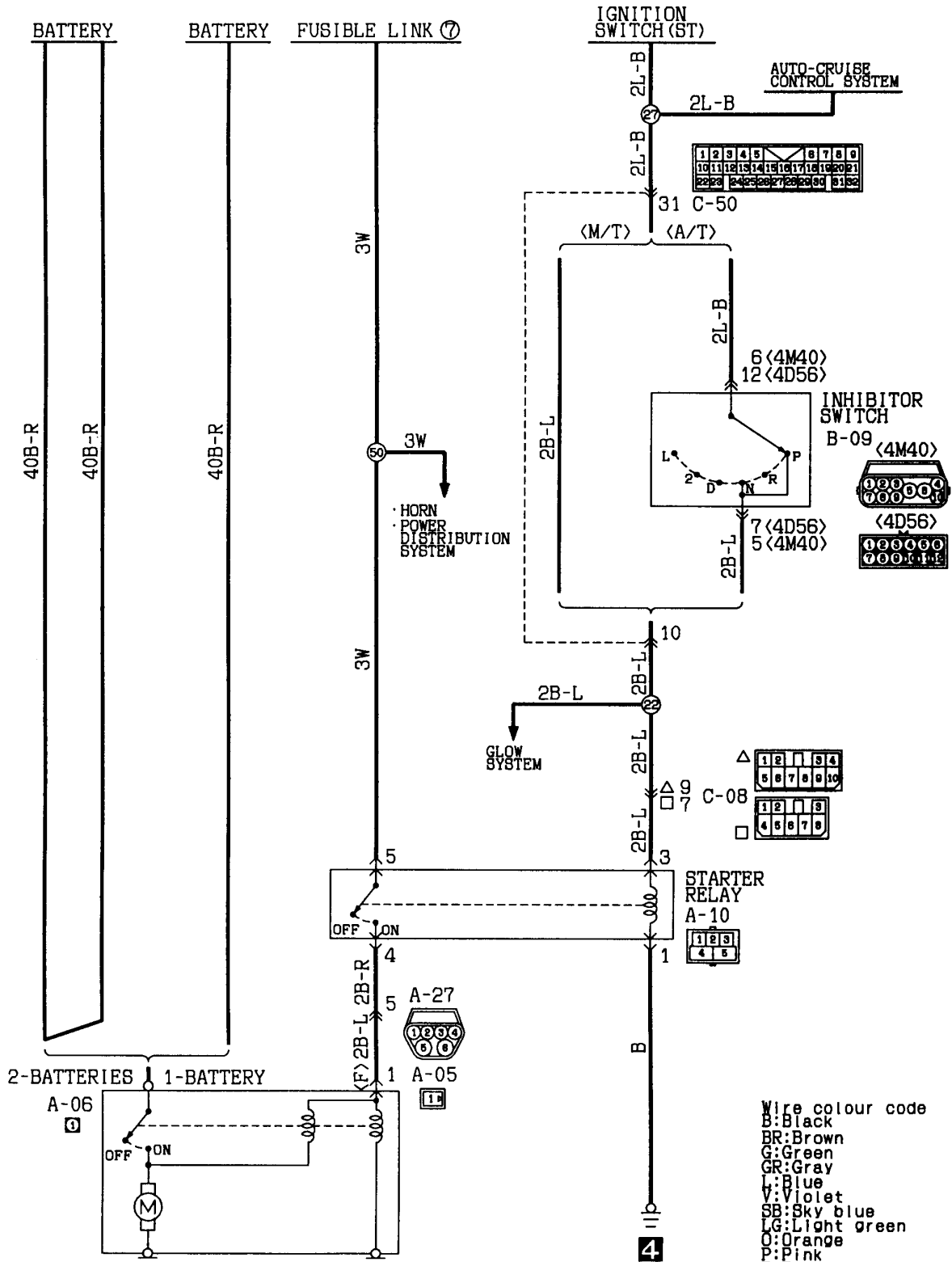
The mark ★ shows the standard mounting position of wiring harness.



Denotes earth point.
 Same earth number is used throughout circuit diagrams to facilitate search of earth point. Refer to GROUP 3A SINGLE PART INSTALLATION POSITION-EARTH MOUNTING LOCATIONS for details of earth points.

Denotes a section covered by a corrugated tube.

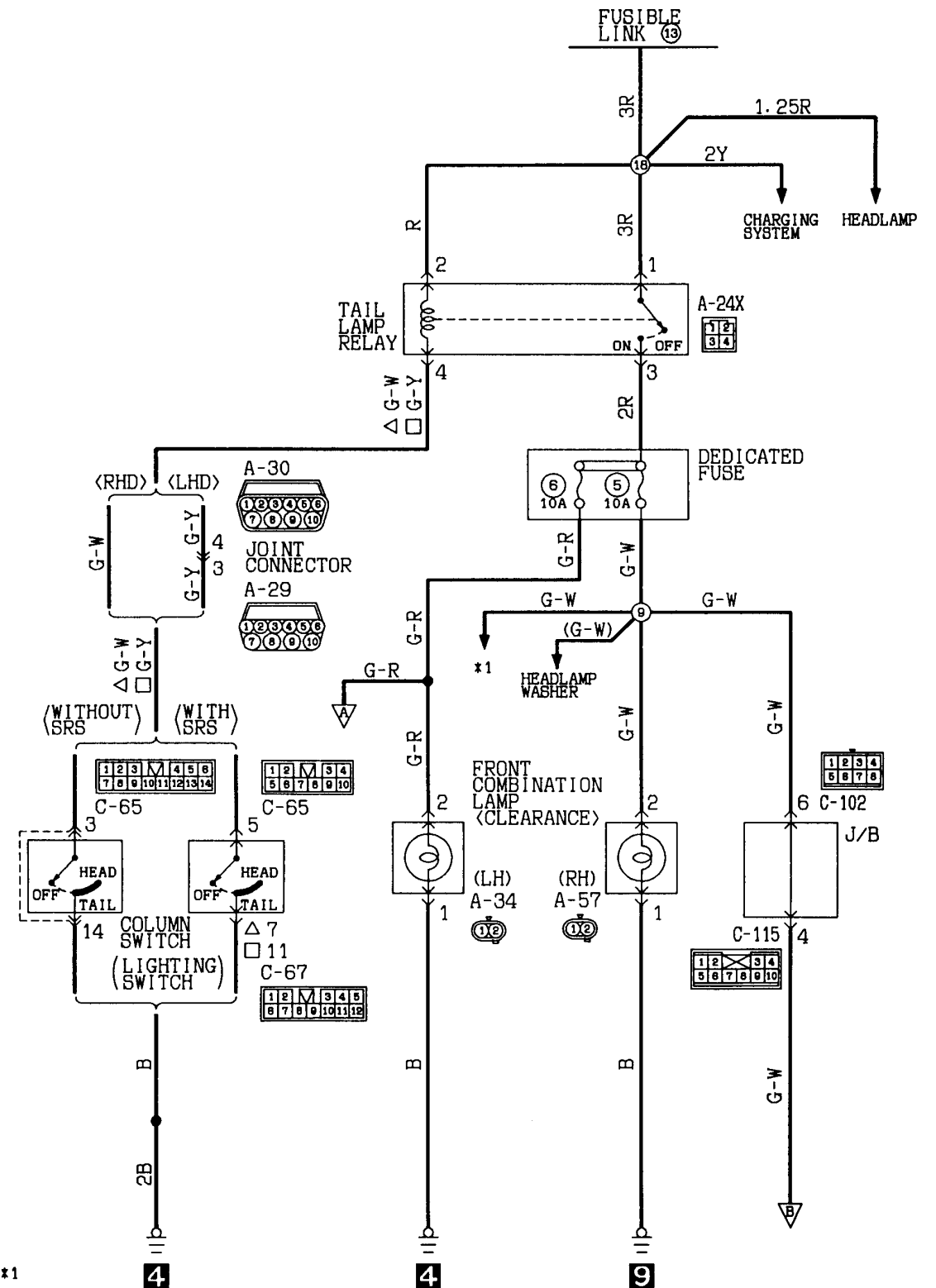
STARTING SYSTEM
4D56, 4M40 engine



Wire colour code
 B: Black
 BR: Brown
 G: Green
 GR: Gray
 L: Blue
 V: Violet
 SB: Sky blue
 LG: Light green
 O: Orange
 P: Pink
 R: Red
 Y: Yellow
 W: White

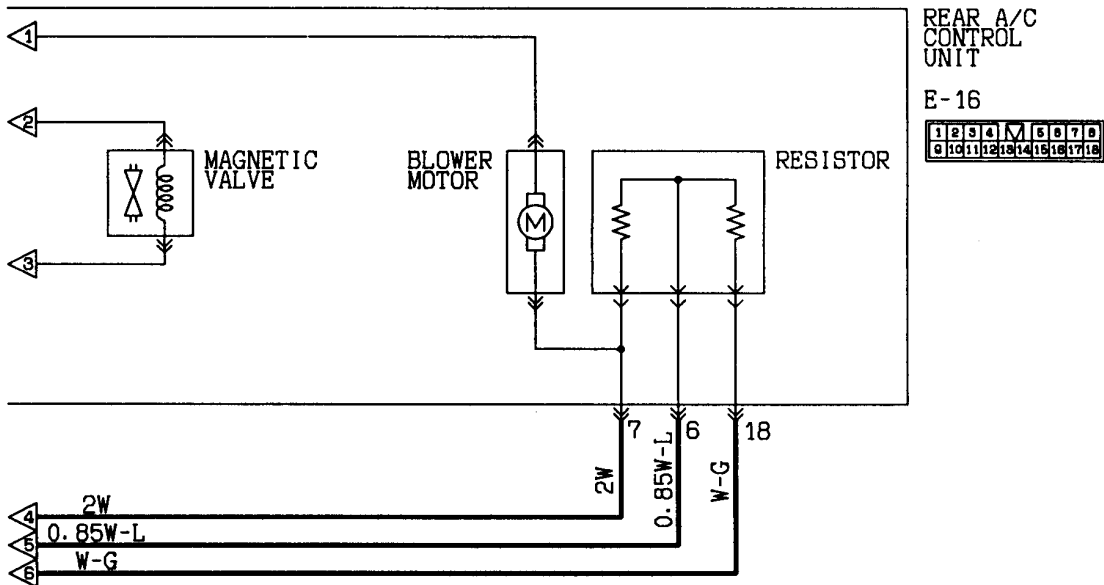
Remarks
 (1) □: L.H. drive vehicles
 (2) △: R.H. drive vehicles

TAIL LAMP, CLEARANCE LAMP, LICENCE PLATE LAMP



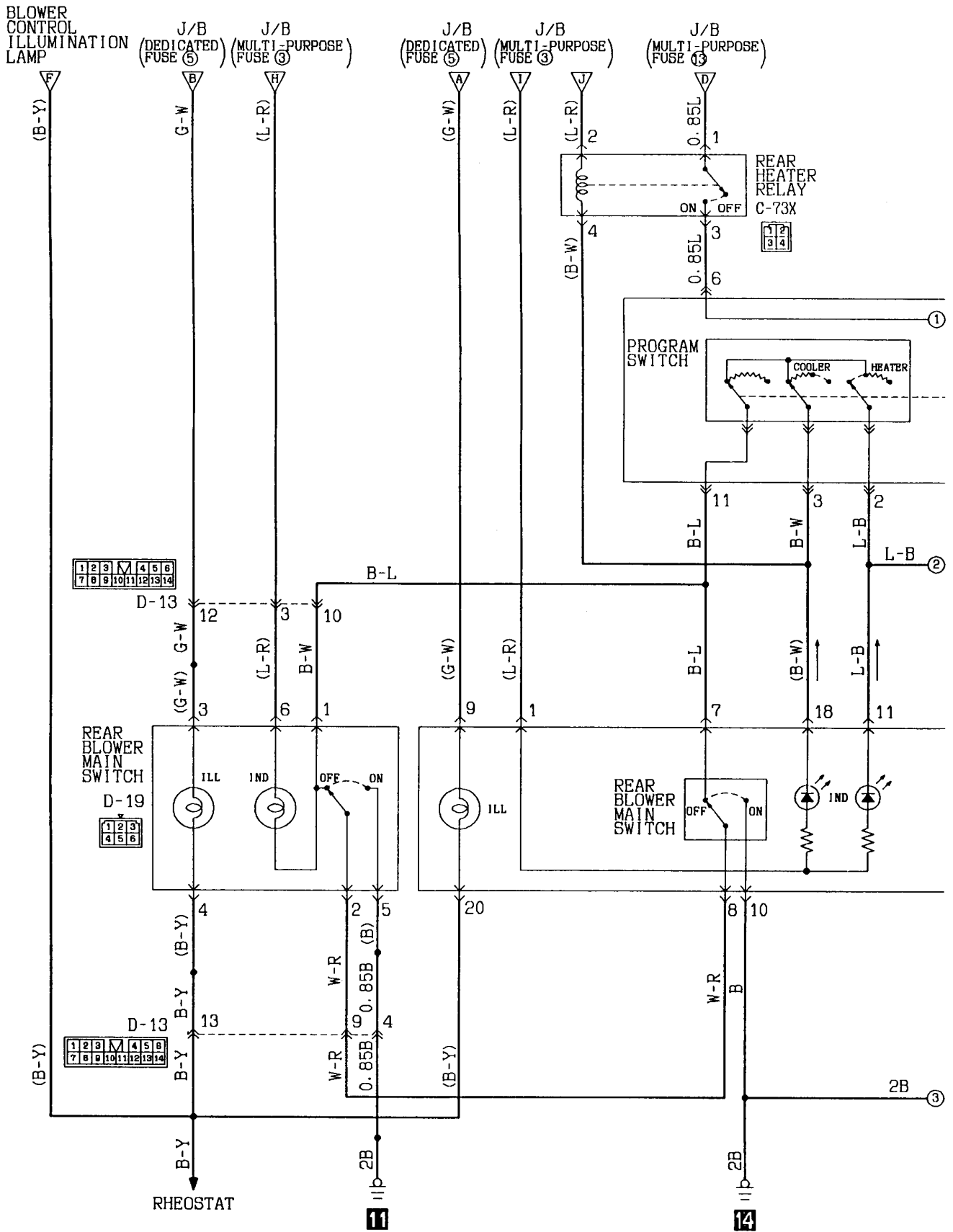
*1
 ·CLOCK
 ·TURN-SIGNAL LAMP
 AND HAZARD LAMP

Wire colour code
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet



Wire colour code
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

	Connector No.	Parts name	Circuit diagram page	Wiring diagram page
E	E-38	Front door switch (RH)	4A-128, 129, 130, 131, 135, 336	2A-50, 51, 52, 53
	E-39	Rear door wiring harness (RH) and floor wiring harness (RH) combination	4A-165, 169, 173, 175	2A-52, 53
	E-40	Rear heater assembly	4A-179, 182, 186, 189, 223, 231, 249, 257	2A-52, 53
F	F-01	No connection	—	2A-54, 55, 56, 57
	F-02	Remote controlled mirror (RH)	4A-271, 274	2A-54, 55, 56, 57
	F-03	Power window motor (Front:RH)	4A-162, 163, 166, 167	2A-54, 55, 56, 57
	F-04	Power window sub switch (Passenger's side)	4A-162, 163, 166, 167	2A-54, 55, 56, 57
	F-05	Door key cylinder switch <Vehicles with central door locking>	4A-172	2A-54, 56
	F-06	Door lock actuator (Front:RH)	4A-173, 174	2A-54, 55, 56, 57
	F-07	Power window motor (Rear:RH)	4A-165, 169	2A-56, 57
	F-08	Power window sub switch (Rear:RH)	4A-165, 169	2A-56, 57
	F-09	Door lock actuator (Rear:RH)	4A-173, 175	2A-56, 57
	F-10	Door lock actuator (Rear:LH)	4A-173, 175	2A-56, 57
	F-11	Power window sub switch (Rear:LH)	4A-165, 169	2A-56, 57
	F-12	Power window motor (Rear:LH)	4A-165, 169	2A-56, 57
	F-13	Door lock actuator (Front:LH)	4A-172, 175	2A-54, 55, 56, 57
	F-14	Door key cylinder switch <Vehicles with central door locking>	4A-174	2A-55, 57
	F-15	No connection	—	2A-54, 55, 56, 57
	F-16	Power window motor (Front:LH)	4A-162, 163, 166, 167	2A-54, 55, 56, 57
	F-17	Power window main switch (Driver's side)	4A-162, 163, 166, 167	2A-54, 55, 56, 57
	F-18	Remote controlled mirror (LH)	4A-271, 274	2A-54, 55, 56, 57
G	G-01	Speed sensor (Rear:RH) <ABS>	4A-309	2A-58
	G-02	Shock absorber (Rear:RH) <Remote controlled variable shock absorber>	4A-307	2A-58
	G-03	Defogger (+)	4A-271	2A-58
	G-04	Defogger cable and back door wiring harness combination	4A-271	2A-58
	G-05	Back door switch	4A-128, 129, 130, 131	2A-58
	G-06	Defogger (—)	4A-271	2A-58
	G-07	Rear wiper motor	4A-265, 267	2A-58
	G-08	Rear combination lamp (RH)	4A-117, 121, 123, 125, 127, 140, 141	2A-58
	G-09	Rear washer motor	4A-265, 267	2A-58
	G-10	Rear combination lamp (In bumper:RH)	4A-137, 139	2A-58
	G-11	Licence plate lamp	4A-117	2A-58
	G-12	Door lock actuator (Back door)	4A-173, 175	2A-58
	G-13	Fuel pump <MPI>	4A-42, 47, 55, 63, 73	2A-58
	G-14	Fuel gauge unit	4A-144, 147, 151, 154	2A-58
	G-15	Rear combination lamp (In bumper:LH)	4A-117, 137, 139	2A-58
	G-16	Shock absorber (Rear:LH) <Remote controlled variable shock absorber>	4A-306	2A-58
	G-17	Speed sensor (Rear:LH) <ABS>	4A-309	2A-58
	G-18	Rear differential lock detection switch	4A-299, 301, 311	2A-58



Vehicles built from June, 1994

<2-DOOR MODELS>

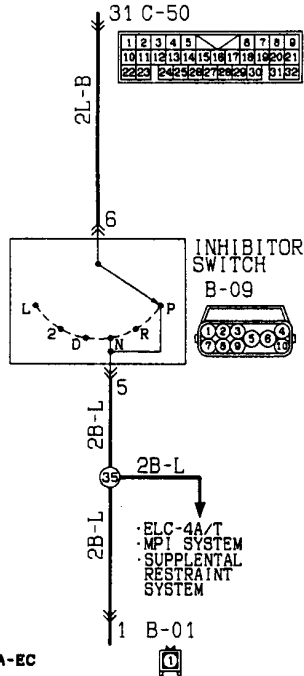
Model code		Body style	Engine model	Transmission model	Fuel supply system
V24C	NSFL6	Canvas top	4D56 (2,477 ml) with turbocharger and inter-cooler	V5MT1 (5M/T)	Injection
V23C	GNHVL6/R6	Canvas top with wide fender	6G72 (2,972 ml)		MPI
	GRHVL6/R6			V4AW3 (4A/T)	
V24W	NDFL6	Wagon	4D56 (2,477 ml) with turbocharger and inter-cooler	V5MT1 (5M/T)	Injection
	NHFL6/R6				
	NAFL6				
	NBFL6				
V24WG	NXFL6/R6	Wagon with wide fender			
	NCFL6				
V26WG	NXFL6/R6		4M40 (2,835 ml) with turbocharger and inter-cooler	V5M31 (5M/T)	
	NCFL6				
V23W	NHVL6	Wagon	6G72 (2,972 ml)	V5MT1 (5M/T)	MPI
	GNXVL6/R6	Wagon with wide fender			
	GRXVL6/R6				
V25W	GNXML6/R6		6G74 (3,497 ml)	V5M31 (5M/T)	
	GRXML6/R6			V4W3 (4A/T)	

AUTO-CRUISE CONTROL SYSTEM

L.H. drive vehicles <Petrol-powered vehicles>

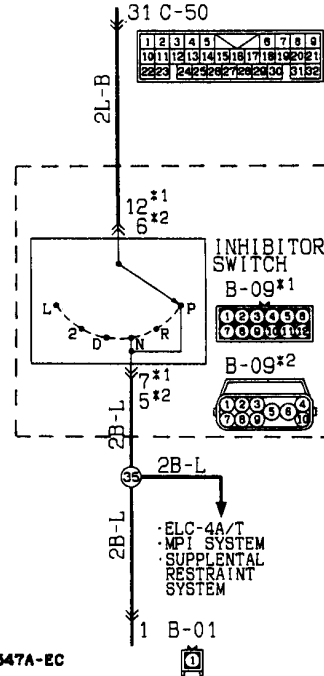
- The inhibitor switch has been changed. <Vehicles with 6G72 engine>

(New)



KX35-AC-01554A-EC

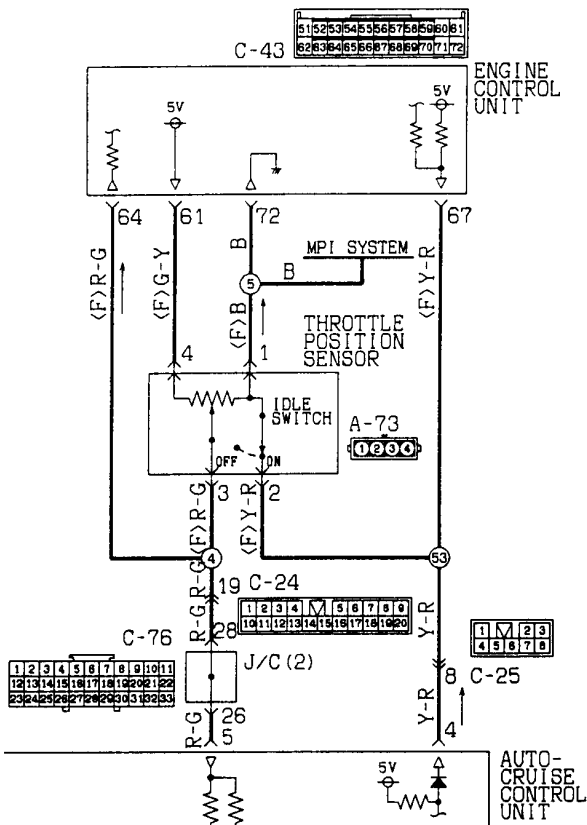
(Old)



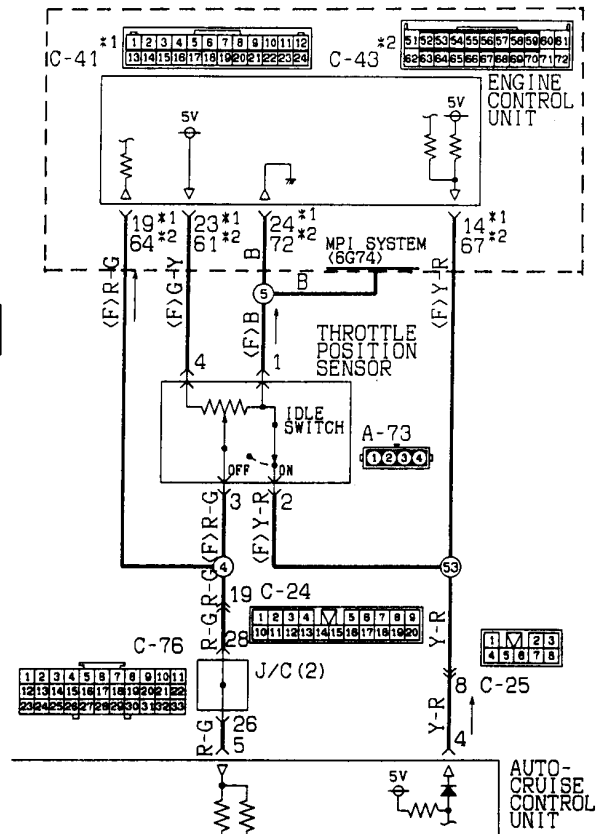
KX35-AC-01547A-EC

- The engine control unit has been changed. <Vehicles with 6G72 engine>

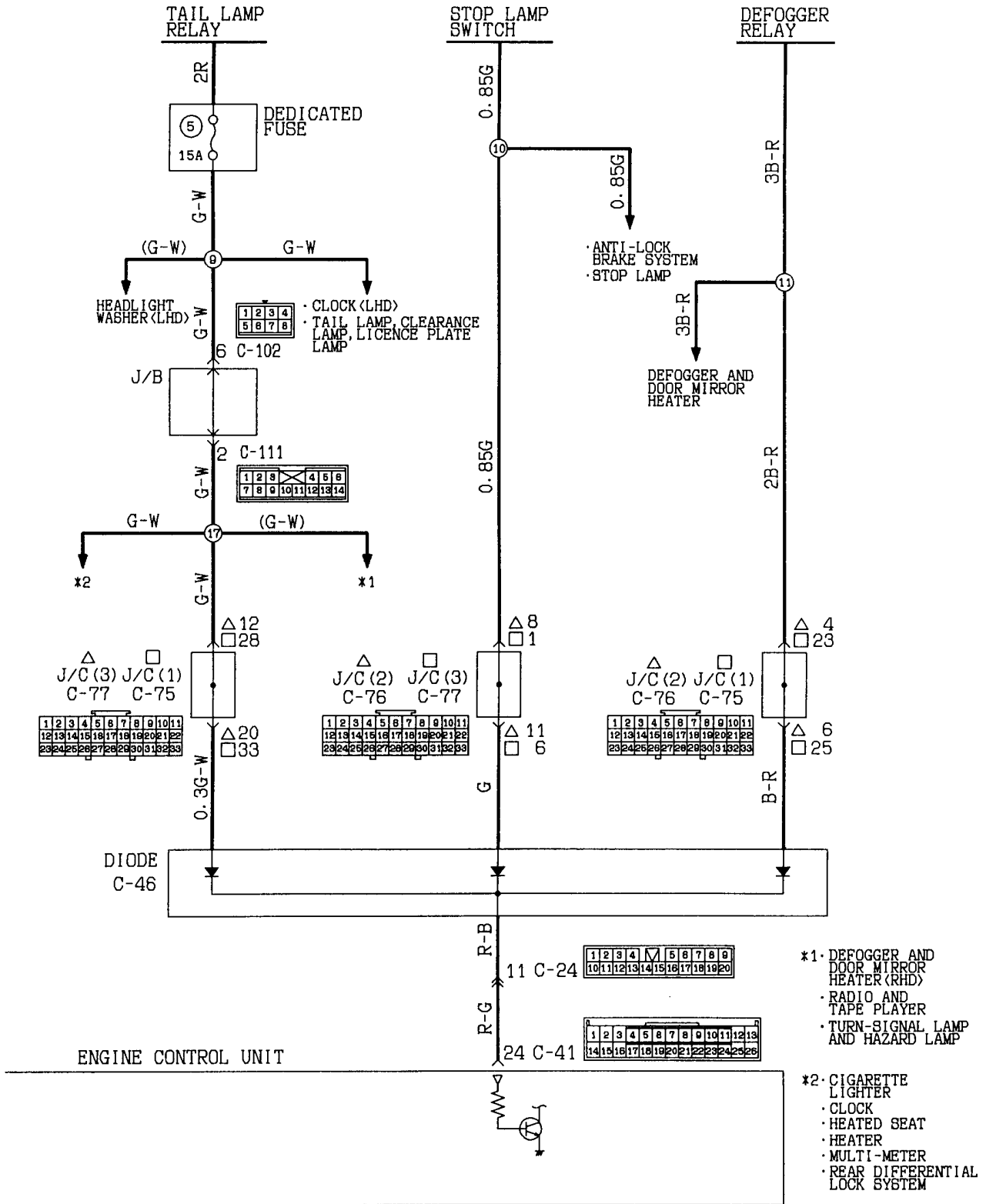
(New)



(Old)

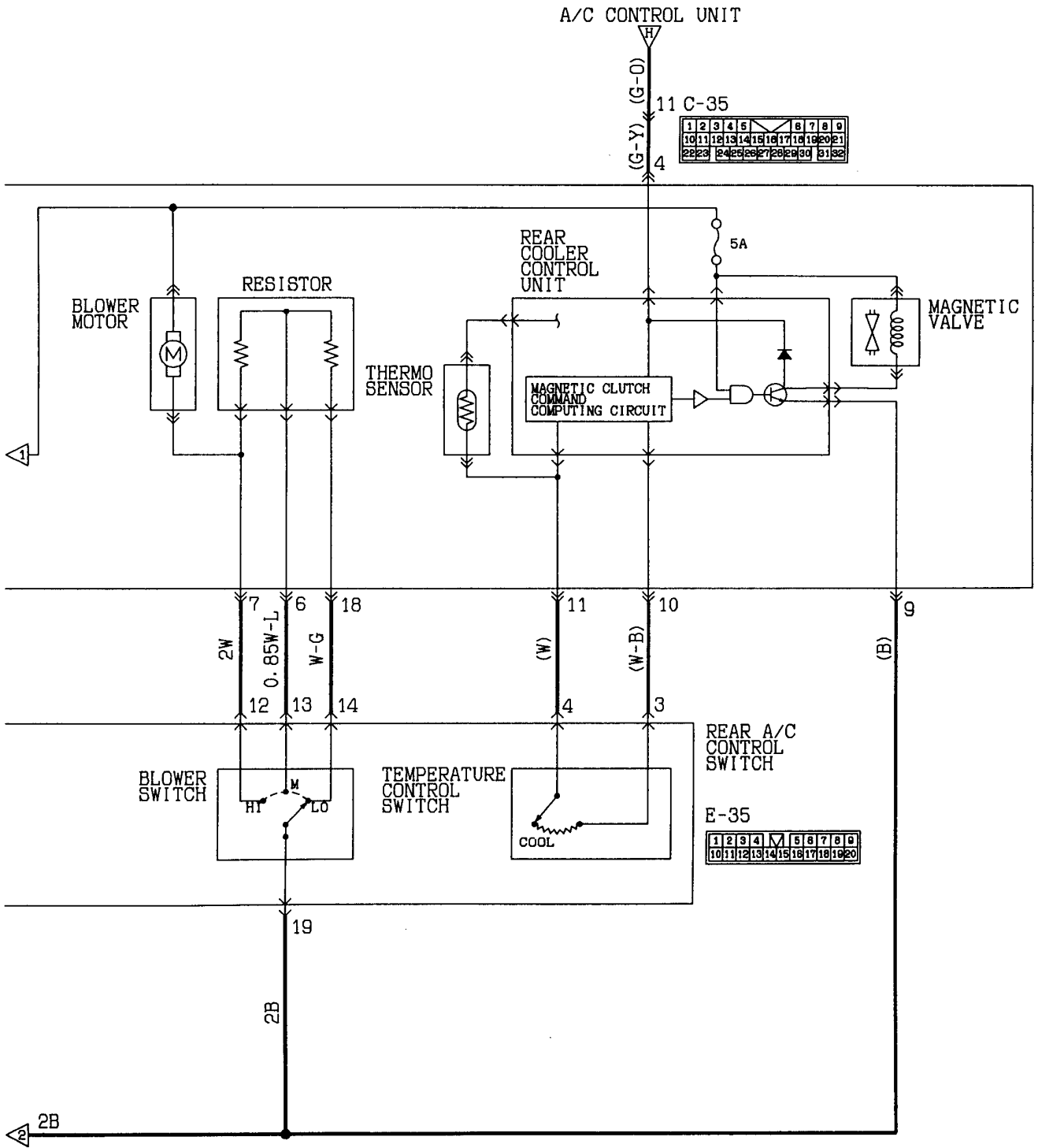


MPI SYSTEM <6G74-A/T (Vehicles without immobilizer system)>
(CONTINUED)



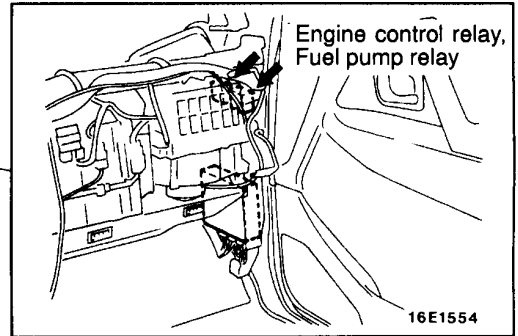
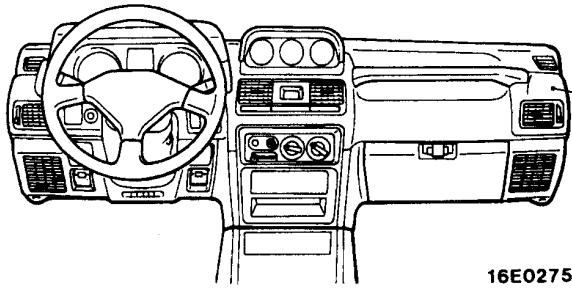
Wire colour code
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

DUAL AIR CONDITIONER
 (L.H. drive vehicles without rear heater
 (petrol-powered vehicles)) (CONTINUED)

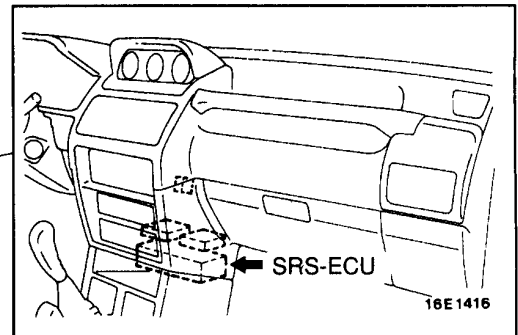
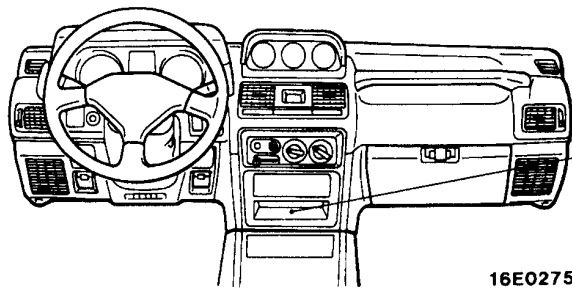


Wire colour code
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 BB:Brown LG:Light green GB:Green LB:Blue BW:Black Y:Yellow V:Violet

RELAY



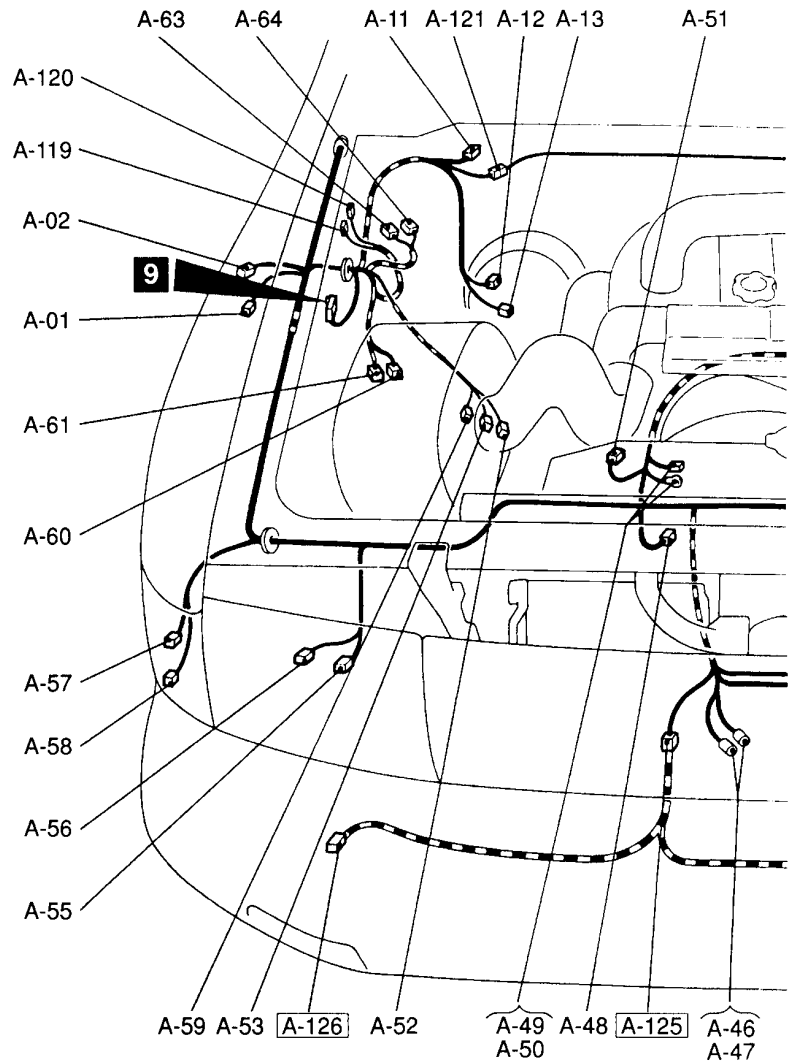
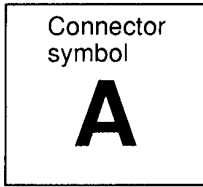
CONTROL UNIT



2-20 WIRING HARNESS CONFIGURATION DIAGRAMS – Engine Compartment

ENGINE COMPARTMENT

R.H. drive vehicles with 4D56



A-01 (4-B)	Headlamp washer motor and headlamp washer fluid level sensor
A-02 (2)	Side turn signal lamp (RH)
A-03 (2-B)	Motor antenna
A-04 (3-B)	Motor antenna
A-05 (1-B)	Starter
A-06 (1)	Starter
A-10 (5-B)	Starter relay
A-11 (4-B)	Windshield wiper motor
A-12 (1-B)	Vacuum switch
A-13 (2-B)	Brake fluid level switch
A-14 (4-B)	No connection
A-15 (4-L)	Condenser fan motor control relay
A-16 (10-B)	Control wiring harness and front wiring harness combination
A-17 (2)	Side turn signal lamp (LH)
A-18 (2-G)	Windshield washer motor

A-21X (4)	Intercooler fan motor relay
A-22X (4)	Alternator relay
A-23X (4)	Rear fog lamp relay
A-24X (4)	Tail lamp relay
A-25X (4)	Condenser fan motor relay
A-26X (4)	A/C compressor relay
A-27 (6-B)	Battery cable and front wiring harness combination
A-31 (4-B)	Horn relay <Vehicles with SRS>
A-32 (2-B)	Resistor <for dim-dip lamp circuit>
A-33 (2-B)	Front combination lamp (LH)
A-34 (2-GR)	Front combination lamp (LH)
A-35 (7)	Headlamp leveling unit (LH)
A-36 (3-B)	Headlamp (LH)
A-37 (1)	No connection
A-38 (2-B)	Speed sensor (Front: LH) <ABS>
A-39 (4-B)	Shock absorber (Front: LH) <Remote