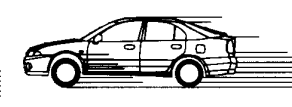
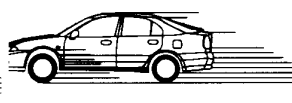
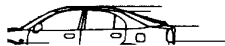
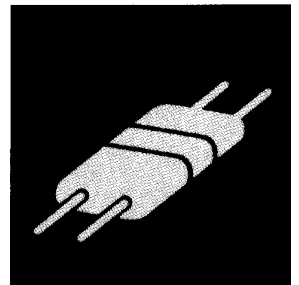




Workshop Manual

electrical wiring SUPPLEMENT

CARISMA2002



CARISMA

ELECTRICAL WIRING SUPPLEMENT

FOREWORD

This publication contains information on major changes which have occurred as a result of the addition of new CARISMA models.

It contains only additions and changes to the original issue. For detailed information on inspection of the electrical system components, you should refer to the following publications as well as this manual if necessary. Note that some wiring harness configuration diagrams and circuit diagrams are compilation diagrams containing information for different vehicle specifications, and actual diagrams may not be identical to those shown in the manual.

TECHNICAL INFORMATION MANUAL

PYGE95E1
PYGE95E1-A (Supplement)
PYGE95E1-B (Supplement)
PYGE95E1-C (Supplement)

WORKSHOP MANUAL

CHASSIS GROUP

PWDE9502
PWDE9502-A (Supplement)
PWDE9502-B (Supplement)
PWDE9502-C (Supplement)
PWDE9502-D (Supplement)
PWDE9502-E (Supplement)
PWDE9502-F (Supplement)
PWDE9502-G (Supplement)

ELECTRICAL WIRING

PHDE9501-A (Supplement)
PHDE9501-B (Supplement)
PHDE9501-C (Supplement)
PHDE9501-D (Supplement)
PHDE9501-E (Supplement)
PHDE9501-F (Supplement)

BODY REPAIR MANUAL

PBGE95E1
PBGE95E1-A (Supplement)

ENGINE GROUP

PWEE□□□□
(Looseleaf edition)

PARTS CATALOGUE

N606C006D□

All information, illustrations and product descriptions contained in this manual are current as at the time of publication. We however, reserve the right to make changes at any time without prior notice or obligation.



mitsubishi motor sales

Europe B.V.

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GROUP INDEX

OUTLINE OF CHANGES

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DIAGRAMS

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WARNINGS REGARDING SERVICING OF SUPPLEMENTAL RESTRAINT SYSTEM (SRS) EQUIPPED VEHICLE

WARNING!

- (1) Improper service or maintenance of any component of the SRS or any SRS-related component, can lead to personal injury or death to service personnel (from inadvertent firing of the air bag) or to the driver and passenger (from rendering the SRS inoperative).
- (2) SRS components should not be subjected to heat over 93 °C, so remove the SRS-ECU, air bag module (driver's side and front passenger's side) and clock spring before drying or baking the vehicle after painting.
- (3) Service or maintenance of any SRS component or SRS-related component must be performed only at an authorized MITSUBISHI dealer.
- (4) MITSUBISHI dealer personnel must thoroughly review the Chassis Workshop Manual, and especially its GROUP 52B – Supplemental Restraint System (SRS), before beginning any service or maintenance of any component of the SRS or any SRS-related component.

HOW TO USE THIS MANUAL

CONTENTS

The preceding page contains GROUP INDEX that lists the group title and group number.

PAGE NUMBERS

All page numbers consist of two sets of digits separated by a dash. The digits preceding the dash identify the number of the group. The digits following the dash represent the consecutive page number within the group. The page number can be found on the top left or right of each page.

OPERATION AND TROUBLESHOOTING HINTS

In the GROUP 4 circuit diagrams, the operation and troubleshooting hints are given on the previous page or following page for each circuit where necessary.

OUTLINE OF CHANGES

CONTENTS

WIRING HARNESS CONFIGURATION DIAGRAMS	2	CIRCUIT DIAGRAMS	3
SINGLE PART INSTALLATION POSITION ...	2	TABLE OF CIRCUIT DIAGRAMS	4

WIRING HARNESS CONFIGURATION DIAGRAMS

Connector symbol	Name		Reference page	Description of changes
A	ENGINE COMPARTMENT	4G1 <L.H. drive vehicles>	2-2	New wiring harness configuration diagrams have been established to correspond to the addition of vehicles with 4G1 engine.
		4G1 <R.H. drive vehicles>	2-6	
B	DASH PANEL	L.H. drive vehicles	2-10	- The following connectors have been added to correspond to the addition of vehicles with 4G1 engine. - Control wiring harness and body wiring harness combination <4G1> (B-135) - Diode (For MPI system circuit) <4G1> (B-136) - Engine-ECU <4G1> (B-137, 138, 139, 140)
		R.H. drive vehicles	2-12	

SINGLE PART INSTALLATION POSITION

Location changes	Reference page	Description of changes
SENSOR	3-2	- The following sensor mounting positions have been added to correspond to the addition of vehicles with 4G1 engine. - Camshaft position sensor - Crank angle sensor - Engine coolant temperature sensor - Ignition failure sensor - Oxygen sensor (Front) - Oxygen sensor (Rear) - Throttle position sensor - Vacuum sensor
SOLENOID VALVE	3-3	- The following solenoid valve mounting positions have been added to correspond to the addition of vehicles with 4G1 engine. - EGR control solenoid valve - Purge control solenoid valve
DIODE	3-3	A diode (for MPI system circuit) mounting position has been added to correspond to the addition of vehicles with 4G1 engine.

CIRCUIT DIAGRAMS

Main circuit	Subtitle	Reference page	Description of changes
IGNITION SYSTEM	4G1	4-2	A new circuit has been established to correspond to the addition of vehicles with 4G1 engine.
STARTING SYSTEM	Petrol-powered vehicles <MPI>	4-4	The circuit has been changed to correspond to the addition of vehicles with 4G1 engine.
CHARGING SYSTEM	4G1	4-5	- A new circuit has been established to correspond to the addition of vehicles with 4G1 engine. - The circuit has been changed to correspond to the addition of vehicles with 4G1 engine.
MPI SYSTEM	4G1	4-6	
COOLING SYSTEM	Petrol-powered vehicles	4-14	
METER AND GAUGE	Petrol-powered vehicles	4-16	
OIL PRESSURE WARNING LAMP	—	4-19	
MANUAL AIR CONDITIONER	Petrol-powered vehicles	4-20	
AUTOMATIC AIR CONDITIONER	Petrol-powered vehicles	4-26	
MULTI CENTER DISPLAY	Petrol-powered vehicles	4-34	
IMMOBILIZER SYSTEM	Petrol-powered vehicles	4-40	

TABLE OF CIRCUIT DIAGRAMS

This table of circuit diagrams indicates those circuits in which changes and/or additions, etc. have been made; the circuits are here listed in the sequence in which they are presented in the wiring diagrams. Please use this table for reference when following maintenance or repair procedures.

NOTE

- (1) A (Added) : This circuit has been newly added.
 (2) R (Revised) : This circuit has been changed.
 (3) D (Deleted) : This circuit has been deleted.
 (4) I (Included) : This circuit is included in the previous manual(s).
 (5) N (Not applicable) : This circuit is not applicable.
 (6) P (Previous manual) : This circuit is not included, because it has not been changed.
 Refer to the previous manual(s).
 (7) *1 : Indicates that the <SOHC> and <MPI> circuit subtitles have been changed to <4G92>.

Main circuit	Subtitle	Previous manual: Pub. No. PHDE9501-A		Previous manual: Pub. No. PHDE 9501-B (Supple- ment)	Previous manual: Pub. No. PHDE 9501-C (Supple- ment)	Previous manual: Pub. No. PHDE 9501-D (Supple- ment)	Previous manual: Pub. No. PHDE 9501-E (Supple- ment)	Previous manual: Pub. No. PHDE 9501-F (Supple- ment)	This manual: Pub. No. PHDE 9501-G (Supple- ment)
		'96 model (Basic)	'97 model (Supple- ment)						
JUNCTION BLGCK (J/B)	—	I	P	P	P	R	P	P	P
JOINT CONNECTOR (J/C)	—	I	P	P	P	P	P	P	P
CENTRALIZED JUNCTION	—	I	R	R	P	R	R	P	P
POWER DISTRIBUTION SYSTEM	Vehicles without daytime running lamp	I	R	R	P	R	R	P	P
	Vehicles with daytime running lamp	I	R	R	P	R	R	P	P
STARTING SYSTEM	Petrol-powered vehicles <MPI>	I	P	P	P	R	P	P	R
	Petrol-powered vehicles <GDI>	N	N	N	A	R	P	P	P
	Diesel-powered vehicles	N	A	P	P	R	D	D	D
	Diesel-powered vehicles <F9Q>	N	N	N	N	N	A	P	P
IGNITION SYSTEM	4G1	N	N	N	N	N	N	N	A
	MPI-4G92*1-M/T	I	R	P	P	R	R	P	P
	MPI-4G92*1-A/T	N	N	A	P	R	R	P	N
	MPI-DOHC	I	R	D	D	D	D	D	D
	GDI	N	N	A	P	R	D	D	D
	GDI-M/T	N	N	N	N	N	A	P	P
	GDI-A/T	N	N	N	N	N	A	P	P
CHARGING SYSTEM	4G1	N	N	N	N	N	N	N	A
	Petrol-powered vehicles <4G92*1>	I	P	P	P	R	P	P	P
	Petrol-powered vehicles <GDI>	N	N	N	A	R	R	P	P

Main circuit	Subtitle	Previous manual: Pub. No. PHDE9501-A		Previous manual: Pub. No. PHDE 9501-B (Supple- ment)	Previous manual: Pub. No. PHDE 9501-C (Supple- ment)	Previous manual: Pub. No. PHDE 9501-D (Supple- ment)	Previous manual: Pub. No. PHDE 9501-E (Supple- ment)	Previous manual: Pub. No. PHDE 9501-F (Supple- ment)	This manual: Pub. No. PHDE 9501-G (Supple- ment)
		'96 model (Basic)	'97 model (Supple- ment)						
CHARGING SYSTEM	Diesel-powered vehicles	N	A	R	P	R	D	D	D
	Diesel-powered vehicles <F9Q>	N	N	N	N	N	A	P	P
GLOW SYSTEM	—	N	A	R	P	R	D	D	D
	F9Q	N	N	N	N	N	A	P	P
MPI SYSTEM	MPI-SOHC <Vehicles without TCL>	I	R	D	D	D	D	D	D
	MPI-SOHC <Vehicles with TCL>	I	R	D	D	D	D	D	D
	MPI-SOHC-M/T <Vehicles without TCL>	N	N	A	P	D	D	D	D
	MPI-SOHC-A/T <Vehicles without TCL>	N	N	A	P	D	D	D	D
	4G1	N	N	N	N	N	N	N	A
	MPI-4G92*1-M/T	N	N	N	N	A	R	R	P
	MPI-4G92*1-A/T	N	N	N	N	A	R	R	N
	MPI-DOHC	I	R	D	D	D	D	D	D
	GDI	N	N	N	A	D	D	D	D
GDI SYSTEM	—	N	N	N	N	A	D	D	D
	M/T	N	N	N	N	N	A	R	P
	A/T	N	N	N	N	N	A	R	P
COOLING SYSTEM	Petrol-powered vehicles	I	R	P	P	R	R	P	R
	Diesel-powered vehicles	N	A	P	P	R	D	D	D
	Diesel-powered vehicles <F9Q>	N	N	N	N	N	A	P	P
ELC 4-SPEED AUTOMATIC TRANSMISSION	MPI-SOHC	I	R	R	P	R	P	R	N
	GDI	N	N	N	A	R	R	R	P
HEADLAMP	Vehicles without daytime running lamp	I	R	R	P	R	P	P	P
	Vehicles with daytime running lamp	I	R	R	P	R	P	P	P
HEADLAMP LEVELING SYSTEM	—	I	P	P	P	R	P	P	P
TAIL LAMP, POSITION LAMP, LICENCE PLATE LAMP AND LIGHTING MONITOR BUZZER	Vehicles without daytime running lamp	I	R	P	P	R	P	P	P
	Vehicles with daytime running lamp	I	R	P	P	R	P	P	P

Main circuit	Subtitle	Previous manual: Pub. No. PHDE9501-A		Previous manual: Pub. No. PHDE 9501-B (Supple- ment)	Previous manual: Pub. No. PHDE 9501-C (Supple- ment)	Previous manual: Pub. No. PHDE 9501-D (Supple- ment)	Previous manual: Pub. No. PHDE 9501-E (Supple- ment)	Previous manual: Pub. No. PHDE 9501-F (Supple- ment)	This manual: Pub. No. PHDE 9501-G (Supple- ment)
		'96 model (Basic)	'97 model (Supple- ment)						
FRONT FOG LAMP	Vehicles without daytime running lamp	I	R	R	P	R	P	P	P
	Vehicles with daytime running lamp	I	R	R	P	R	P	P	P
REAR FOG LAMP	Vehicles without daytime running lamp <Hatchback>	I	P	D	D	D	D	D	D
	Vehicles without daytime running lamp <Sedan>	N	A	D	D	D	D	D	D
	Vehicles without daytime running lamp	N	N	A	P	R	P	P	P
	Vehicles with daytime running lamp <Hatchback>	I	P	D	D	D	D	D	D
	Vehicles with daytime running lamp <Sedan>	N	A	D	D	D	D	D	D
	Vehicles with daytime running lamp	N	N	A	P	R	P	P	P
GLOVE BOX LAMP	–	N	N	N	N	A	P	P	P
ROOM LAMP, MAP LAMP AND LUGGAGE COMPARTMENT LAMP	Hatchback	I	P	R	P	R	P	P	P
	Sedan	N	A	R	P	R	P	P	P
TURN-SIGNAL LAMP AND HAZARD WARNING LAMP	Hatchback	I	P	D	D	D	D	D	D
	Sedan	N	A	D	D	D	D	D	D
	–	N	N	A	P	R	P	P	P
STOP LAMP	Hatchback	I	P	P	P	R	R	P	P
	Sedan	N	A	P	P	R	R	P	P
BACK-UP LAMP	–	I	R	R	P	R	R	P	P
HORN	Vehicles without SRS	I	P	P	P	D	D	D	D
	Vehicles with SRS	I	P	P	P	D	D	D	D
	–	N	N	N	N	A	P	P	P
METER AND GAUGE	Petrol-powered vehicles	I	R	R	P	R	R	R	R
	Diesel-powered vehicles	N	A	R	P	R	D	D	D
	Diesel-powered vehicles <F9Q>	N	N	N	N	N	A	P	P
ODOMETER AND TRIP METER	–	N	N	A	P	R	P	P	P
OIL PRESSURE WARNING LAMP	Petrol-powered vehicles	I	P	D	D	D	D	D	D
	Diesel-powered vehicles	N	A	D	D	D	D	D	D
	–	N	N	A	R	P	P	P	R

Main circuit	Subtitle	Previous manual: Pub. No. PHDE9501-A		Previous manual: Pub. No. PHDE 9501-B (Supplement)	Previous manual: Pub. No. PHDE 9501-C (Supplement)	Previous manual: Pub. No. PHDE 9501-D (Supplement)	Previous manual: Pub. No. PHDE 9501-E (Supplement)	Previous manual: Pub. No. PHDE 9501-F (Supplement)	This manual: Pub. No. PHDE 9501-G (Supplement)
		'96 model (Basic)	'97 model (Supplement)						
FUEL WARNING LAMP	Petrol-powered vehicles	I	P	D	D	D	D	D	D
	Diesel-powered vehicles	N	A	D	D	D	D	D	D
	–	N	N	A	P	R	P	P	P
BRAKE WARNING LAMP	Petrol-powered vehicles	I	P	D	D	D	D	D	D
	Diesel-powered vehicles	N	A	D	D	D	D	D	D
	–	N	N	A	P	P	P	P	P
OVER HEATING WARNING LAMP	Diesel-powered vehicles	N	A	R	P	P	P	P	P
CENTRAL DOOR LOCKING SYSTEM	Vehicles without theft-alarm system <Hatchback>	I	P	D	D	D	D	D	D
	Vehicles without theft-alarm system <Sedan>	N	A	D	D	D	D	D	D
	Vehicles with theft-alarm system <Hatchback>	I	R	D	D	D	D	D	D
	Vehicles with theft-alarm system <Sedan>	N	A	D	D	D	D	D	D
	Vehicles without keyless entry system <Hatchback>	N	N	A	P	R	P	P	P
	Vehicles without keyless entry system <Sedan>	N	N	A	P	R	P	P	P
	Vehicles with keyless entry system <Hatchback>	N	N	A	P	R	P	P	P
	Vehicles with keyless entry system <Sedan>	N	N	A	P	R	P	P	P
POWER WINDOWS	–	I	P	P	P	R	P	P	P
HEATER	–	I	P	P	P	R	P	P	P
MANUAL AIR CONDITIONER	Petrol-powered vehicles	I	P	R	P	R	R	P	R
	Petrol-powered vehicles <GDI>	N	N	N	A	D	D	D	D
	Diesel-powered vehicles	N	A	P	P	R	D	D	D
	Diesel-powered vehicles <F9Q>	N	N	N	N	N	A	P	P
AUTOMATIC AIR CONDITIONER	Petrol-powered vehicles	I	P	R	P	R	R	P	R
	Petrol-powered vehicles <GDI>	N	N	N	A	D	D	D	D
	Diesel-powered vehicles	N	A	P	P	R	D	D	D
	Diesel-powered vehicles <F9Q>	N	N	N	N	N	A	P	P

Main circuit	Subtitle	Previous manual: Pub. No. PHDE9501-A		Previous manual: Pub. No. PHDE 9501-B (Supple- ment)	Previous manual: Pub. No. PHDE 9501-C (Supple- ment)	Previous manual: Pub. No. PHDE 9501-D (Supple- ment)	Previous manual: Pub. No. PHDE 9501-E (Supple- ment)	Previous manual: Pub. No. PHDE 9501-F (Supple- ment)	This manual: Pub. No. PHDE 9501-G (Supple- ment)
		'96 model (Basic)	'97 model (Supple- ment)						
WINDSHIELD WIPER AND WASHER	—	I	P	R	P	R	P	P	P
REAR WIPER AND WASHER	Vehicles without intermittent wiper	I	P	P	P	D	D	D	D
	Vehicles with intermittent wiper	I	P	P	P	R	P	P	P
HEADLAMP WASHER	—	I	R	P	P	R	P	P	P
DEFOGGER AND DOOR MIRROR HEATER	L.H. drive vehicles <Hatchback>	I	P	D	D	D	D	D	D
	L.H. drive vehicles <Sedan>	N	A	D	D	D	D	D	D
	R.H. drive vehicles <Hatchback>	I	P	D	D	D	D	D	D
	R.H. drive vehicles <Sedan>	N	A	D	D	D	D	D	D
	Vehicles without defogger timer	N	N	A	P	D	D	D	D
	Vehicles with defogger timer	N	N	A	P	D	D	D	D
	Vehicles without full-auto air conditioner	N	N	N	N	A	R	P	P
	Vehicles with full-auto air conditioner	N	N	N	N	A	P	P	P
REMOTE CONTROLLED MIRROR	—	I	P	P	P	R	P	P	P
CLOCK	L.H. drive vehicles	I	P	P	P	D	D	D	D
	R.H. drive vehicles	I	P	P	P	D	D	D	D
MULTI CENTER DISPLAY	Petrol-powered vehicles	N	N	N	N	A	R	R	R
	Diesel-powered vehicles	N	N	N	N	A	D	D	D
	Diesel-powered vehicles <F9Q>	N	N	N	N	N	A	P	P
CIGARETTE LIGHTER	—	I	P	P	P	R	P	P	P
RADIO AND TAPE PLAYER (VEHICLE HARNESS WITHOUT RADIO AND TAPE PLAYER COMPONENT)	—	I	R	P	P	D	D	D	D
RADIO AND TAPE PLAYER	—	I	R	P	P	D	D	D	D

Main circuit	Subtitle	Previous manual: Pub. No. PHDE9501-A		Previous manual: Pub. No. PHDE 9501-B (Supplement)	Previous manual: Pub. No. PHDE 9501-C (Supplement)	Previous manual: Pub. No. PHDE 9501-D (Supplement)	Previous manual: Pub. No. PHDE 9501-E (Supplement)	Previous manual: Pub. No. PHDE 9501-F (Supplement)	This manual: Pub. No. PHDE 9501-G (Supplement)
		'96 model (Basic)	'97 model (Supplement)						
RADIO AND TAPE PLAYER OR CD PLAYER	–	N	N	N	N	A	P	P	P
SUNROOF	–	I	P	P	P	P	P	P	P
HEATED SEAT	–	I	P	P	P	R	R	P	P
ANTI-LOCK BRAKING SYSTEM (ABS)	–	I	P	R	P	D	D	D	D
	Vehicles without TCL	N	N	N	N	A	R	P	P
TRACTION CONTROL SYSTEM (TCL)	–	I	R	D	D	D	D	D	D
	M/T	N	N	A	P	D	D	D	D
	A/T	N	N	A	P	D	D	D	D
ANTI-LOCK BRAKING SYSTEM, TRACTION CONTROL SYSTEM (BTCL)	–	N	N	N	N	A	P	P	N
AUTO-CRUISE CONTROL SYSTEM	–	I	P	R	P	D	D	D	D
	GDI	N	N	N	N	A	D	D	D
	Petrol-powered vehicles <M/T>	N	N	N	N	N	A	P	P
	Petrol-powered vehicles <A/T>	N	N	N	N	N	A	R	P
	Diesel-powered vehicles	N	N	N	N	N	N	A	P
SUPPLEMENTAL RESTRAINT SYSTEM (SRS)	–	I	P	D	D	A	P	P	P
	Vehicles without side air bag	N	N	A	P	D	D	D	D
	Vehicles with side air bag	N	N	A	P	D	D	D	D
THEFT-ALARM SYSTEM	Hatchback	I	R	D	D	D	D	D	D
	Sedan	N	A	D	D	D	D	D	D
IMMOBILIZER SYSTEM	Petrol-powered vehicles	I	P	R	P	R	R	P	R
	Diesel-powered vehicles	N	A	R	P	R	R	P	P
RHEOSTAT	–	I	P	P	P	R	P	P	P
FUEL LINE HEATER	–	N	A	P	P	R	P	P	P

HOW TO READ THE WIRING DIAGRAMS

CONTENTS

MODELS	2
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MODELS

<HATCHBACK>

Model code		Engine model	Transmission model	Fuel supply system
DA1A	LNME6/R6	4G92 MPI (1,597mL)	F5MR1 <5M/T>	MPI (Electronically Controlled Multi Point Fuel Injection)
DA2A	LNMC6/R6	4G93 GDI (1,834mL)	F5M42 <5M/T>	GDI (Gasoline Direct Injection)
	LRMC6/R6		F4A42 <INVECS-II 4A/T>	
DA5A	LNMF6/R6	F9Q1 (1,870mL)	F5MV1 <5M/T>	DI-D (Direct Injection Diesel)
	LNMV6/R6	F9Q2 (1,870mL)		

<SEDAN>

Model code		Engine model	Transmission model	Fuel supply system
DA1A	SNME6	4G92 MPI (1,597mL)	F5MR1 <5M/T>	MPI (Electronically Controlled Multi Point Fuel Injection)
DA2A	SNMC6	4G93 GDI (1,834mL)	F5M42 <5M/T>	GDI (Gasoline Direct Injection)
	SRMC6		F4A42 <INVECS-II 4A/T>	
DA5A	SNMF6	F9Q1 (1,870mL)	F5MV1 <5M/T>	DI-D (Direct Injection Diesel)
	SNMV6	F9Q2 (1,870mL)		
DA6A	SNSE6/R6	4G13 MPI (1,298mL)	F5MR1 <5M/T>	MPI (Electronically Controlled Multi Point Fuel Injection)
	SNU6/R6			

WIRING HARNESS CONFIGURATION DIAGRAMS

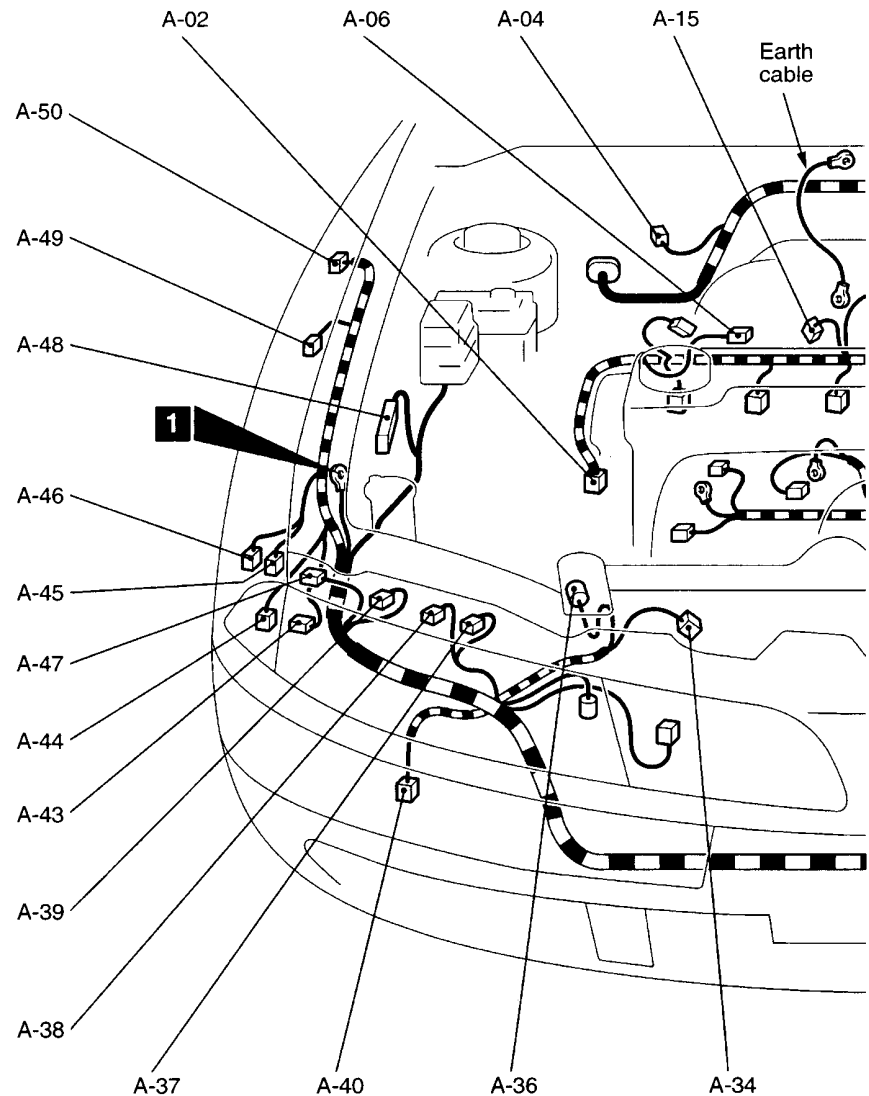
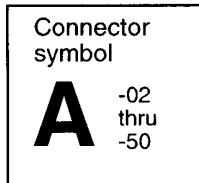
CONTENTS

ENGINE COMPARTMENT		DASH PANEL	
4G1 <L.H. drive vehicles>	2	L.H. drive vehicles	10
4G1 <R.H. drive vehicles>	6	R.H. drive vehicles	12



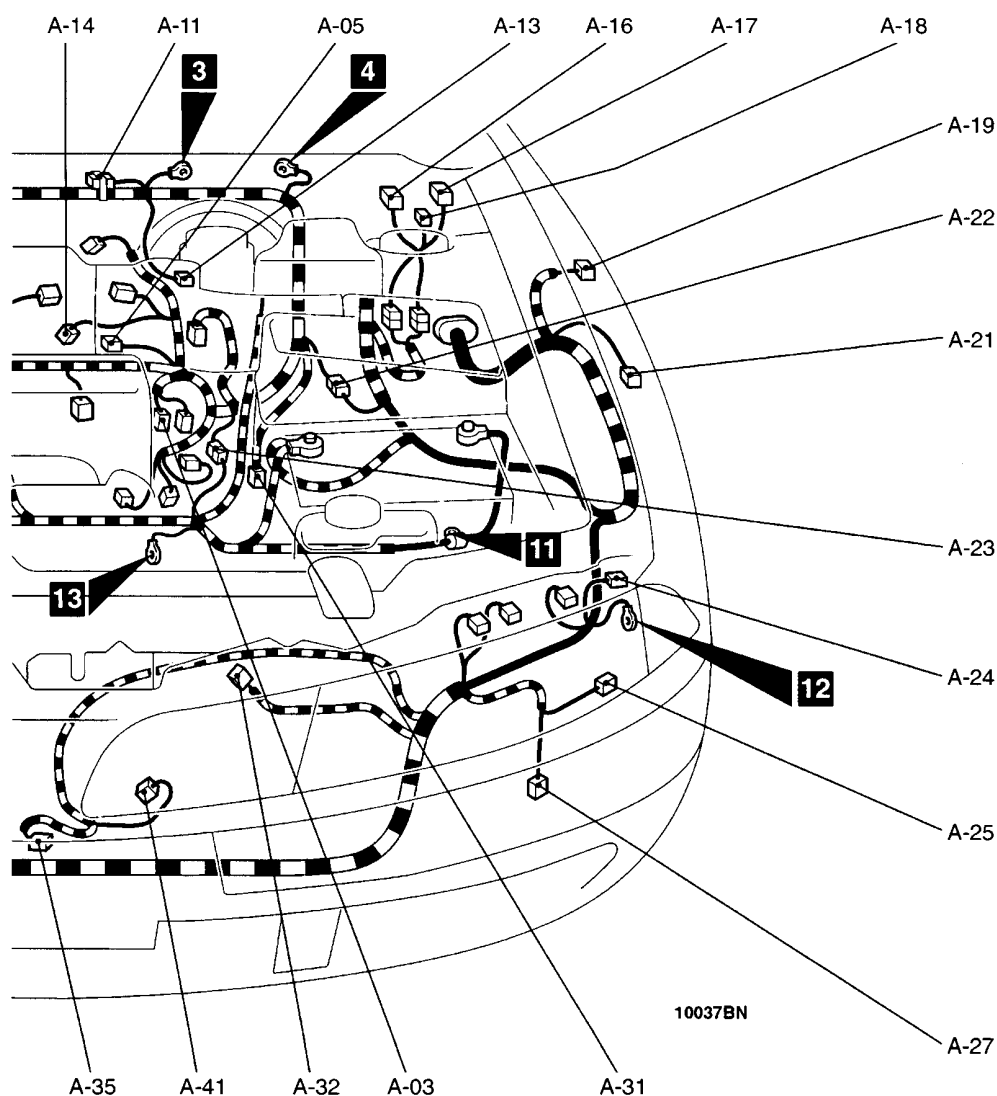
ENGINE COMPARTMENT

4G1 <L.H. drive vehicles>



A-02 (3-B) Crank angle sensor
 A-03 (3-B) Camshaft position sensor
 A-04 (5-B) Windshield wiper motor
 A-05 (3-GR) Ignition coil B
 A-06 (3-GR) Ignition coil A
 A-11 (1-L) Engine speed detection connector
 A-13 (2-B) Brake fluid level sensor
 A-14 (2-B) Purge control solenoid valve
 A-15 (2-BR) EGR control solenoid valve
 A-16 (12) DRL-ECU

A-17 (4) DRL relay 1
 A-18 (4) DRL relay 2
 A-19 (2-B) Side turn signal lamp (LH)
 A-21 (2-B) Front speed sensor (LH) <ABS>
 A-22 (10-B) Front wiring harness and control wiring harness combination
 A-23 (4-B) Control wiring harness and battery cable assembly combination
 A-24 (2-B) Front turn signal lamp (LH)
 A-25 (2-B) Horn (LO)

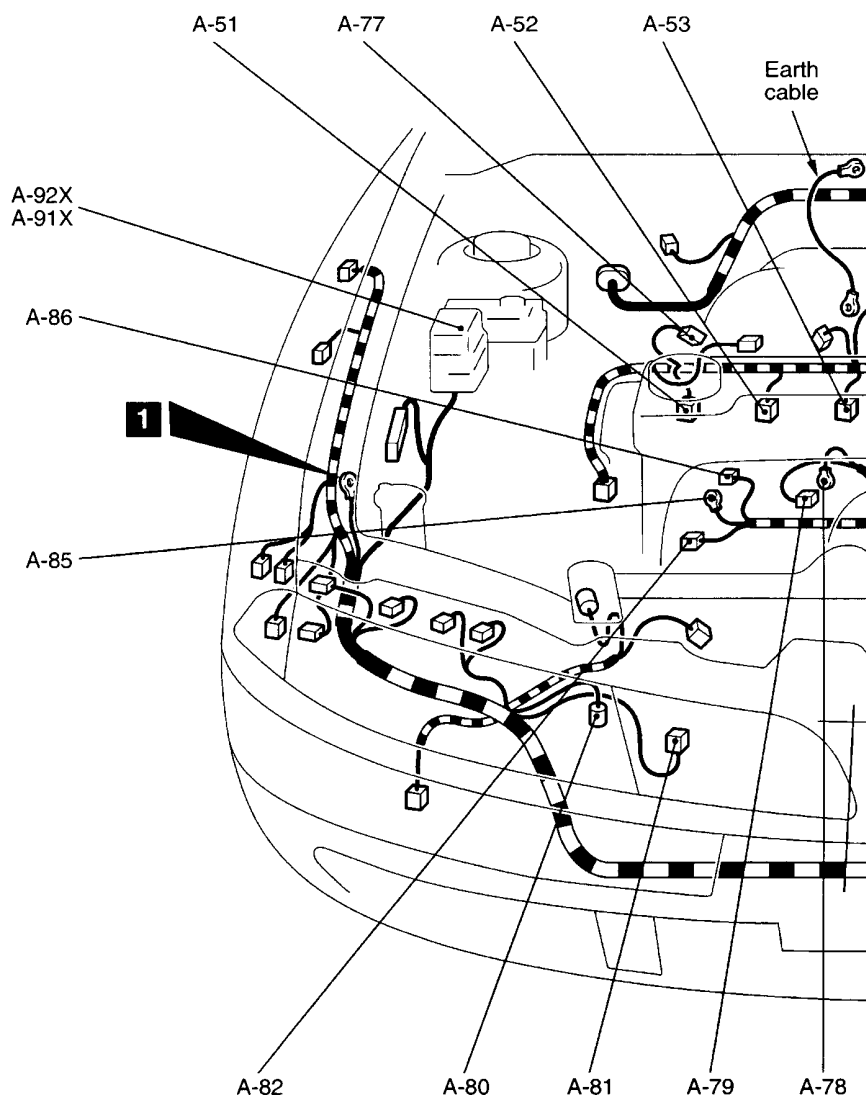
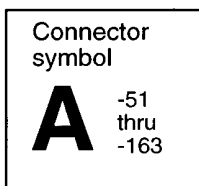


Connector colour code
 B: Black
 Y: Yellow
 L: Blue
 G: Green
 R: Red
 BR: Brown
 V: Violet
 O: Orange
 GR: Gray
 None: Milk white

A-27 (2-GR) Front fog lamp (LH)
 A-31 (2-G) Back-up lamp switch <M/T>
 A-32 (2-B) Radiator fan motor
 A-34 (4-GR) Condenser fan motor
 A-35 (2-BR) Outside thermo sensor
 A-36 (1) Power steering fluid pressure switch
 A-37 (2-B) Position lamp (RH)
 A-38 (3-B) Headlamp (RH)
 A-39 (3-B) Headlamp leveling unit (RH)
 A-40 (2-GR) Front fog lamp (RH)

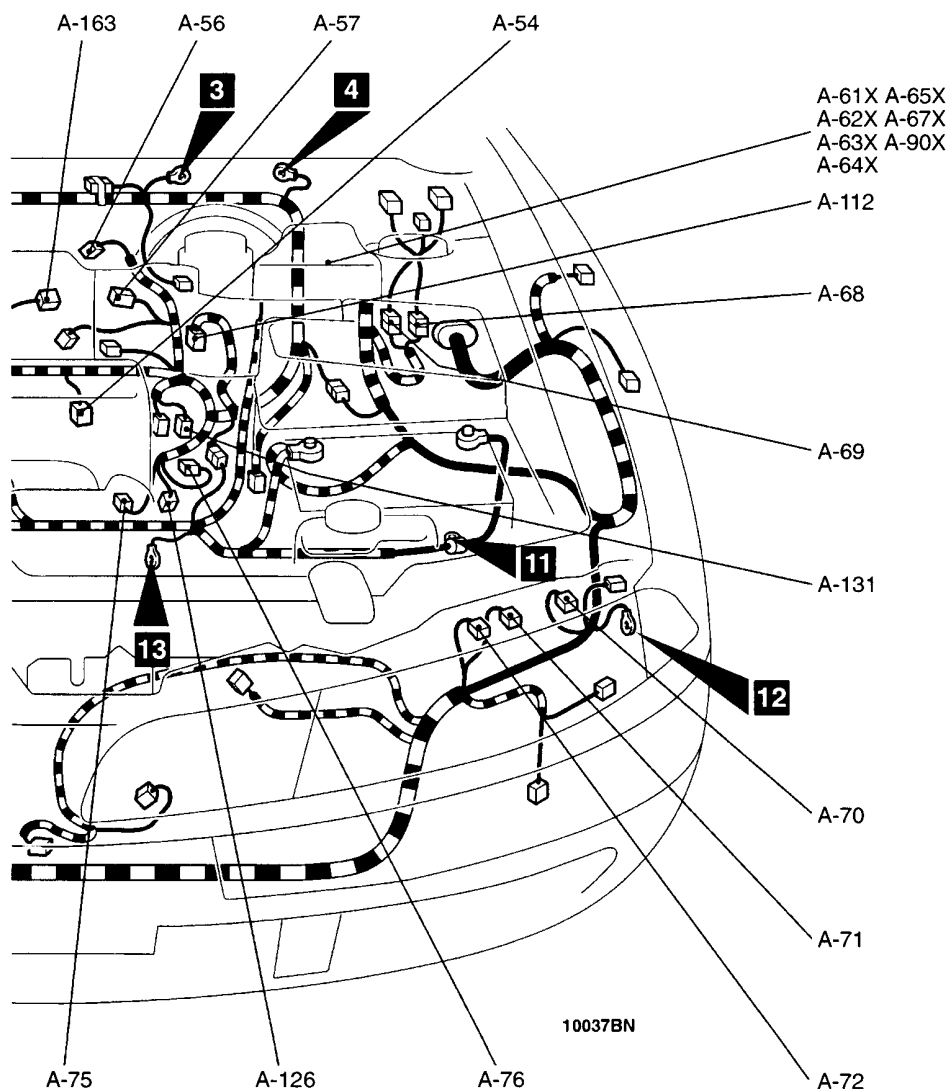
A-41 (2-B) Horn (HI)
 A-43 (2-BR) Washer fluid level sensor
 A-44 (2) Headlamp washer motor
 A-45 (2) Rear washer motor
 A-46 (2) Windshield washer motor
 A-47 (2-B) Front turn signal lamp (RH)
 A-48 (31-B) ABS-ECU
 A-49 (2-B) Front speed sensor (RH) <ABS>
 A-50 (2-B) Side turn signal lamp (RH)

4G1 <L.H. drive vehicles>



A-51 (2-GR) Injector No. 1
 A-52 (2-GR) Injector No. 2
 A-53 (2-GR) Injector No. 3
 A-54 (2-GR) Injector No. 4
 A-56 (4-B) Throttle position sensor
 A-57 (6-B) Idle speed control servo
 A-61X (5) Tail lamp relay <DRL>
 A-62X (4) Alternator relay
 A-63X (5) Radiator fan relay
 A-64X (5) Headlamp relay

A-65X (5) Headlamp washer relay
 A-67X (5) Horn relay
 A-68 (10-B) Front wiring harness and DRL wiring harness combination
 A-69 (10-B) Front wiring harness and DRL wiring harness combination
 A-70 (3-B) Headlamp leveling unit (LH)
 A-71 (3-B) Headlamp (LH)
 A-72 (2-B) Position lamp (LH)



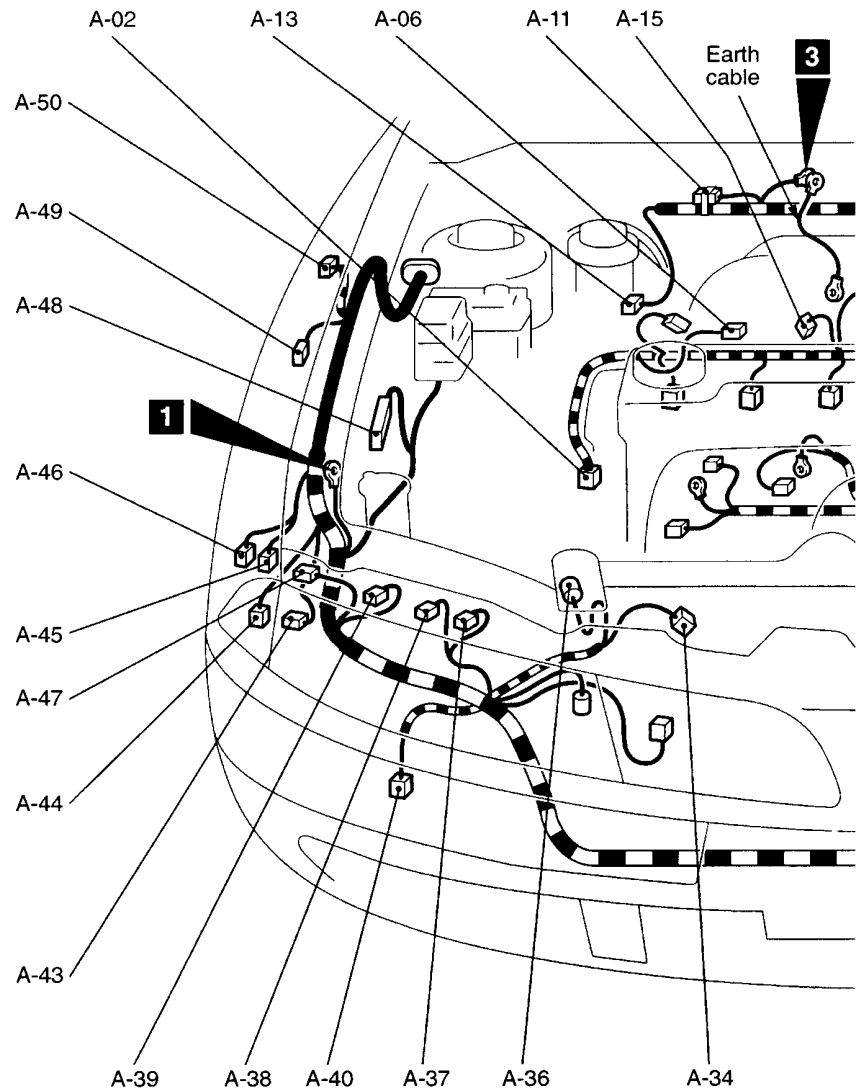
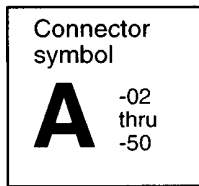
Connector colour code
 B: Black
 Y: Yellow
 L: Blue
 G: Green
 R: Red
 BR: Brown
 V: Violet
 O: Orange
 GR: Gray
 None: Milk white

A-75 (1-B) Engine coolant temperature gauge unit
 A-76 (2-B) Engine coolant temperature sensor
 A-77 (2-GR) Detonation sensor
 A-78 (1) Starter
 A-79 (1) Starter
 A-80 (2-BR) Dual pressure switch
 A-81 (1-B) A/C refrigerant temperature switch and magnetic clutch
 A-82 (1-B) Oil pressure switch

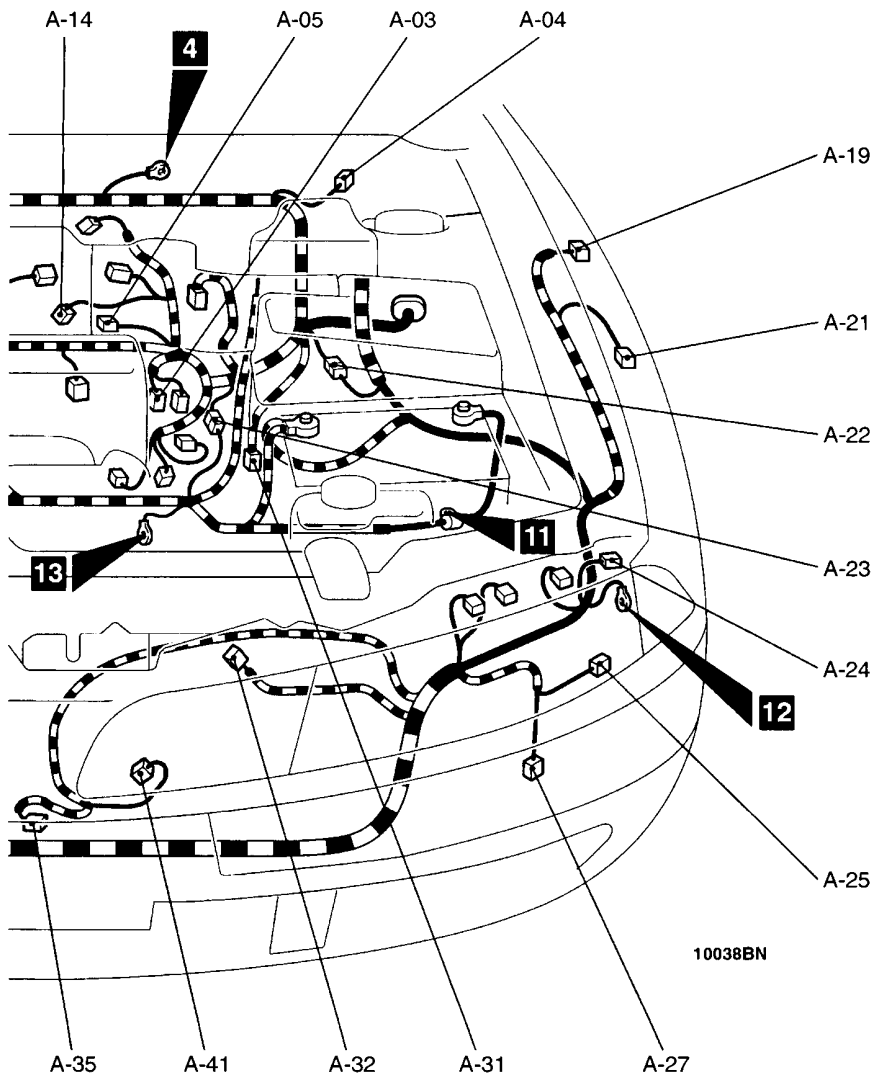
A-85 (1) Alternator
 A-86 (2-B) Alternator
 A-90X (5) Condenser fan relay (LO)
 A-91X (5) Condenser fan relay (HI)
 A-92X (5) A/C compressor relay
 A-112 (3-B) Vehicle speed sensor
 A-126 (4-B) Oxygen sensor (Front)
 A-131 (4-B) Ignition failure sensor
 A-163 (4-GR) Vacuum sensor

ENGINE COMPARTMENT

4G1 <R.H. drive vehicles>



A-02 (3-B)	Crank angle sensor	A-19 (2-B)	Side turn signal lamp (LH)
A-03 (3-B)	Camshaft position sensor	A-21 (2-B)	Front speed sensor (LH) <ABS>
A-04 (5-B)	Windshield wiper motor	A-22 (10-B)	Front wiring harness and control wiring harness combination
A-05 (3-GR)	Ignition coil B	A-23 (4-B)	Control wiring harness and battery cable assembly combination
A-06 (3-GR)	Ignition coil A	A-24 (2-B)	Front turn signal lamp (LH)
A-11 (1-L)	Engine speed detection connector	A-25 (2-B)	Horn (LO)
A-13 (2-B)	Brake fluid level sensor	A-27 (2-GR)	Front fog lamp (LH)
A-14 (2-B)	Purge control solenoid valve		
A-15 (2-BR)	EGR control solenoid valve		

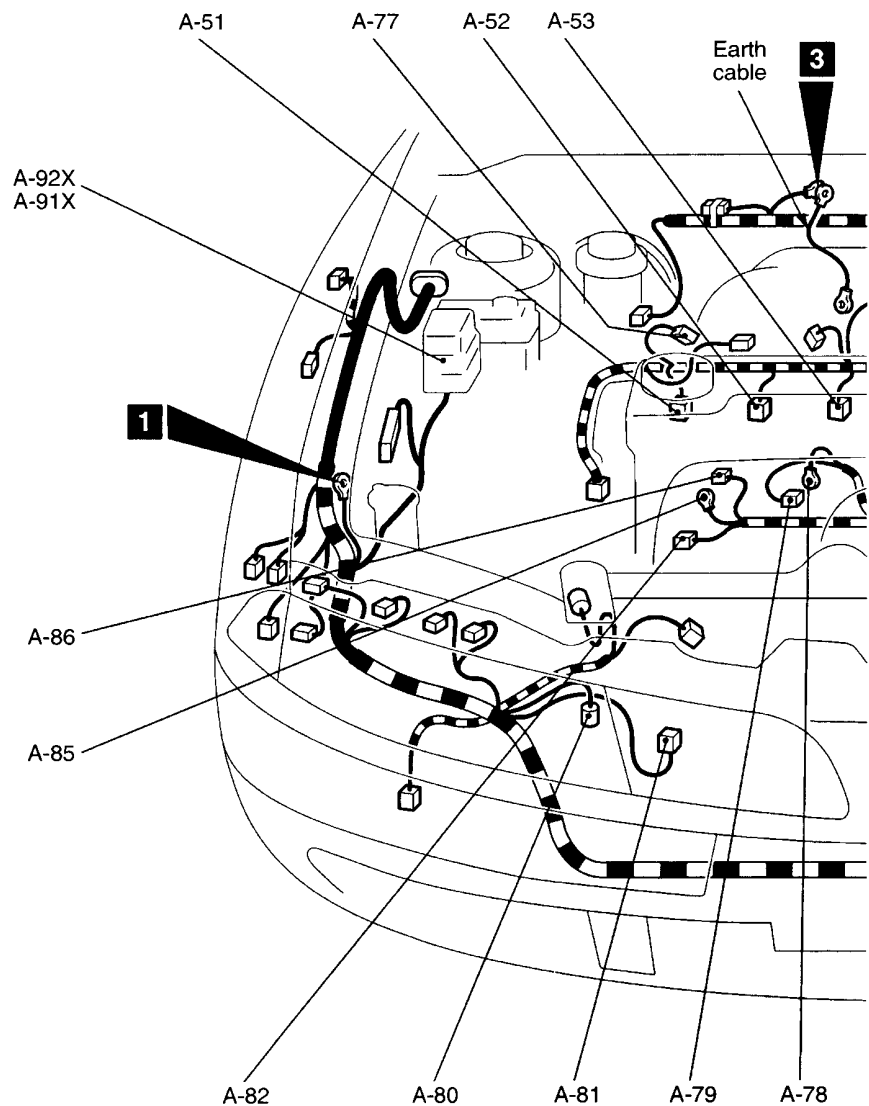
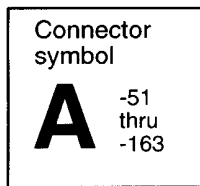


Connector colour code
 B: Black
 Y: Yellow
 L: Blue
 G: Green
 R: Red
 BR: Brown
 V: Violet
 O: Orange
 GR: Gray
 None: Milk white

A-31 (2-G) Back-up lamp switch <M/T>
 A-32 (2-B) Radiator fan motor
 A-34 (4-GR) Condenser fan motor
 A-35 (2-BR) Outside thermo sensor
 A-36 (1) Power steering fluid pressure switch
 A-37 (2-B) Position lamp (RH)
 A-38 (3-B) Headlamp (RH)
 A-39 (3-B) Headlamp leveling unit (RH)
 A-40 (2-GR) Front fog lamp (RH)

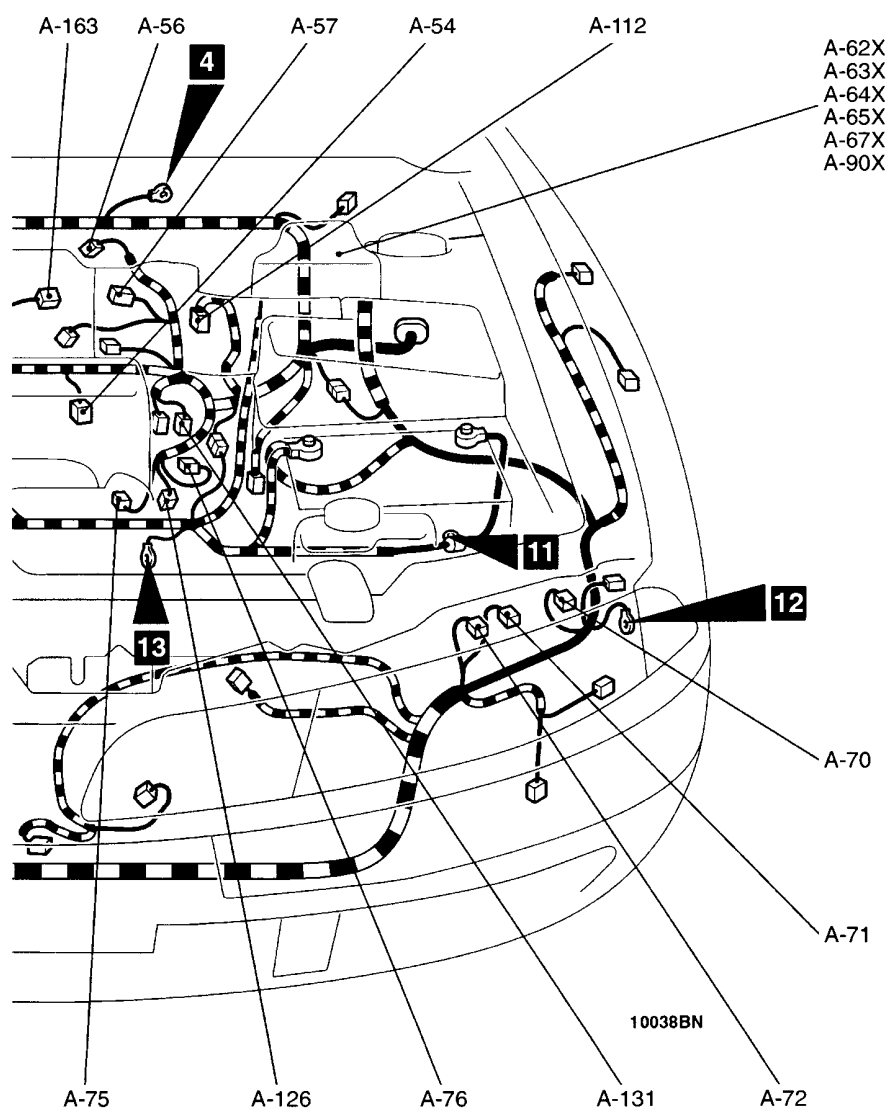
A-41 (2-B) Horn (HI)
 A-43 (2-BR) Washer fluid level sensor
 A-44 (2) Headlamp washer motor
 A-45 (2) Rear washer motor
 A-46 (2) Windshield washer motor
 A-47 (2-B) Front turn signal lamp (RH)
 A-48 (31-B) ABS-ECU
 A-49 (2-B) Front speed sensor (RH) <ABS>
 A-50 (2-B) Side turn signal lamp (RH)

4G1 <R.H. drive vehicles>



A-51 (2-GR) Injector No. 1
 A-52 (2-GR) Injector No. 2
 A-53 (2-GR) Injector No. 3
 A-54 (2-GR) Injector No. 4
 A-56 (4-B) Throttle position sensor
 A-57 (6-B) Idle speed control servo
 A-62X (4) Alternator relay
 A-63X (5) Radiator fan relay

A-64X (5) Headlamp relay
 A-65X (5) Headlamp washer relay
 A-67X (5) Horn relay
 A-70 (3-B) Headlamp leveling unit (LH)
 A-71 (3-B) Headlamp (LH)
 A-72 (2-B) Position lamp (LH)
 A-75 (1-B) Engine coolant temperature gauge unit
 A-76 (2-B) Engine coolant temperature sensor

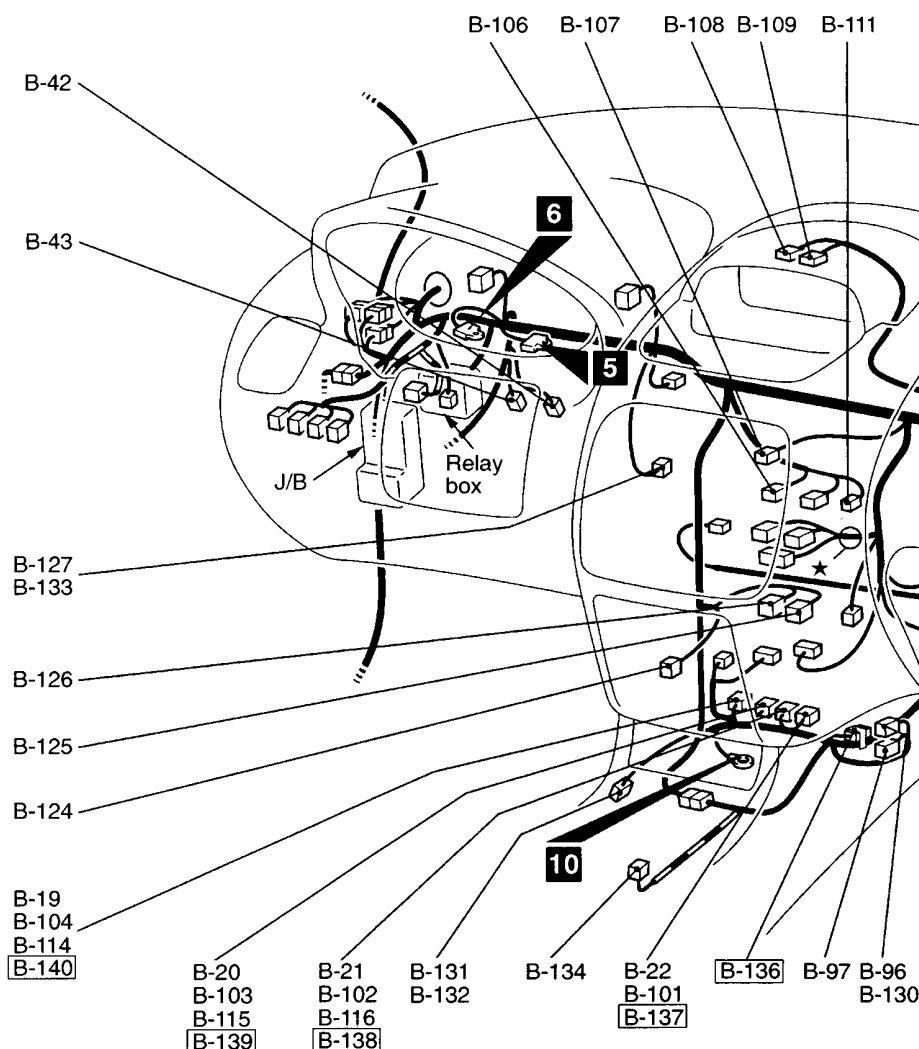
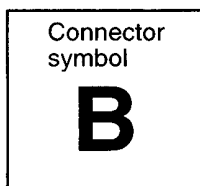


A-77 (2-GR) Detonation sensor
 A-78 (1) Starter
 A-79 (1) Starter
 A-80 (2-BR) Dual pressure switch
 A-81 (1-B) A/C refrigerant temperature switch and magnetic clutch
 A-82 (1-B) Oil pressure switch
 A-85 (1) Alternator

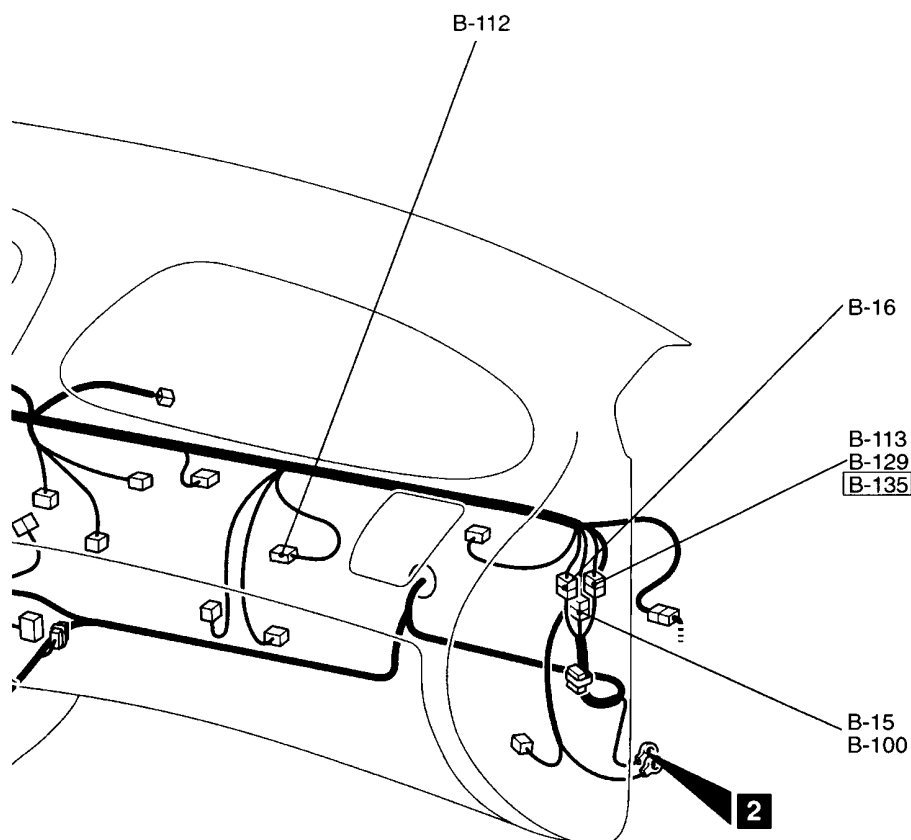
A-86 (2-B) Alternator
 A-90X (5) Condenser fan relay (LO)
 A-91X (5) Condenser fan relay (HI)
 A-92X (5) A/C compressor relay
 A-112 (3-B) Vehicle speed sensor
 A-126 (4-B) Oxygen sensor (Front)
 A-131 (4-B) Ignition failure sensor
 A-163 (4-GR) Vacuum sensor

DASH PANEL

L.H. drive vehicles



B-15 (4)	Control wiring harness and body wiring harness combination <Petrol>	B-43 (4-BR)	Stop lamp switch <Petrol powered vehicles with auto-cruise control system>
B-16 (20)	Control wiring harness and body wiring harness combination	B-96 (4)	Engine control relay <Petrol>
B-19 (26-G)	Engine-ECU <4G92-M/T>	B-97 (4)	Fuel pump relay <Petrol>
B-20 (16-G)	Engine-ECU <4G92-M/T>	B-100 (2)	Control wiring harness and body wiring harness combination <Diesel>
B-21 (12-G)	Engine-ECU <4G92-M/T>	B-101 (30)	Engine-A/T-ECU <Petrol-A/T>
B-22 (22-G)	Engine-ECU <4G92-M/T>	B-102 (28)	Engine-A/T-ECU <Petrol-A/T>
B-42 (3-B)	Stop lamp switch <Petrol powered vehicles without auto-cruise control system> or no connection <Petrol powered vehicles with auto-cruise control system>	B-103 (26)	Engine-A/T-ECU <Petrol-A/T>
B-42 (4-BR)	Stop lamp switch <Diesel>	B-104 (35)	Engine-A/T-ECU <Petrol-A/T>
		B-106 (16)	Radio and tape player or CD player
		B-107 (10)	Hazard warning switch
		B-108 (16-B)	Multi center display unit
		B-109 (20-B)	Multi center display unit



10035BN

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-111 (1-B)	Radio and tape player or CD player
B-112 (2-B)	Glove box lamp
B-113 (18)	Control wiring harness and body wiring harness combination <GDI>
B-114 (35-GR)	Engine-ECU <4G93-M/T>
B-115 (28-GR)	Engine-ECU <4G93-M/T>
B-116 (30-GR)	Engine-ECU <4G93-M/T>
B-124 (3)	Cigarette lighter
B-125 (1-B)	Navigation unit
B-126 (12-B)	Navigation unit
B-127 (8-GR)	Accelerator pedal position sensor <GDI>
B-129 (14)	Control wiring harness and body wiring harness combination <Diesel>
B-130 (4)	Main relay <Diesel>
B-131 (4)	Oxygen sensor (Rear) <GDI>
B-132 (4)	Oxygen sensor (Rear) <except-GDI>

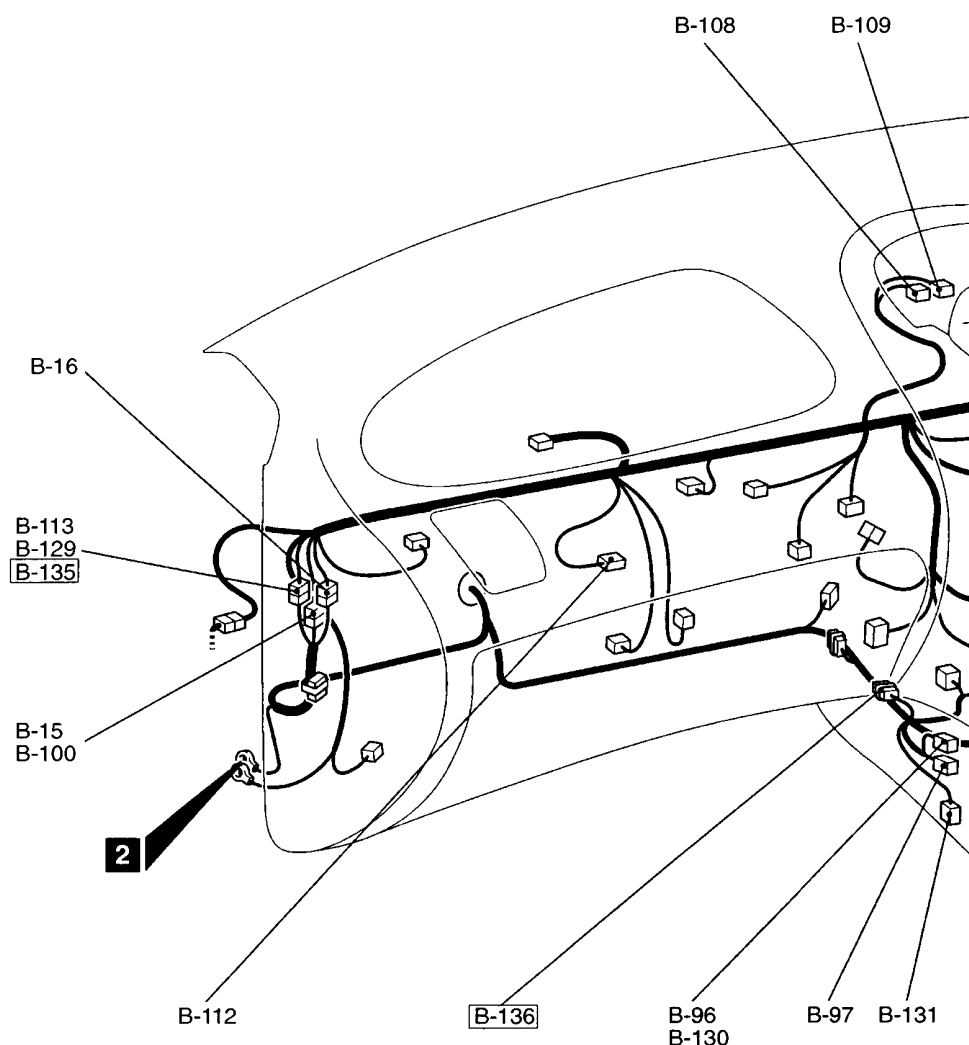
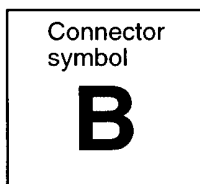
B-133 (6-B)	Accelerator pedal position sensor <Diesel>
B-134 (8)	Shift switch assembly <Sports mode 4A/T>
B-135 (4)	Control wiring harness and body wiring harness combination <4G1>
B-136 (3-R)	Diode (For MPI system circuit) <4G1>
B-137 (22-Y)	Engine-ECU <4G1>
B-138 (12-Y)	Engine-ECU <4G1>
B-139 (16-Y)	Engine-ECU <4G1>
B-140 (26-Y)	Engine-ECU <4G1>

NOTE

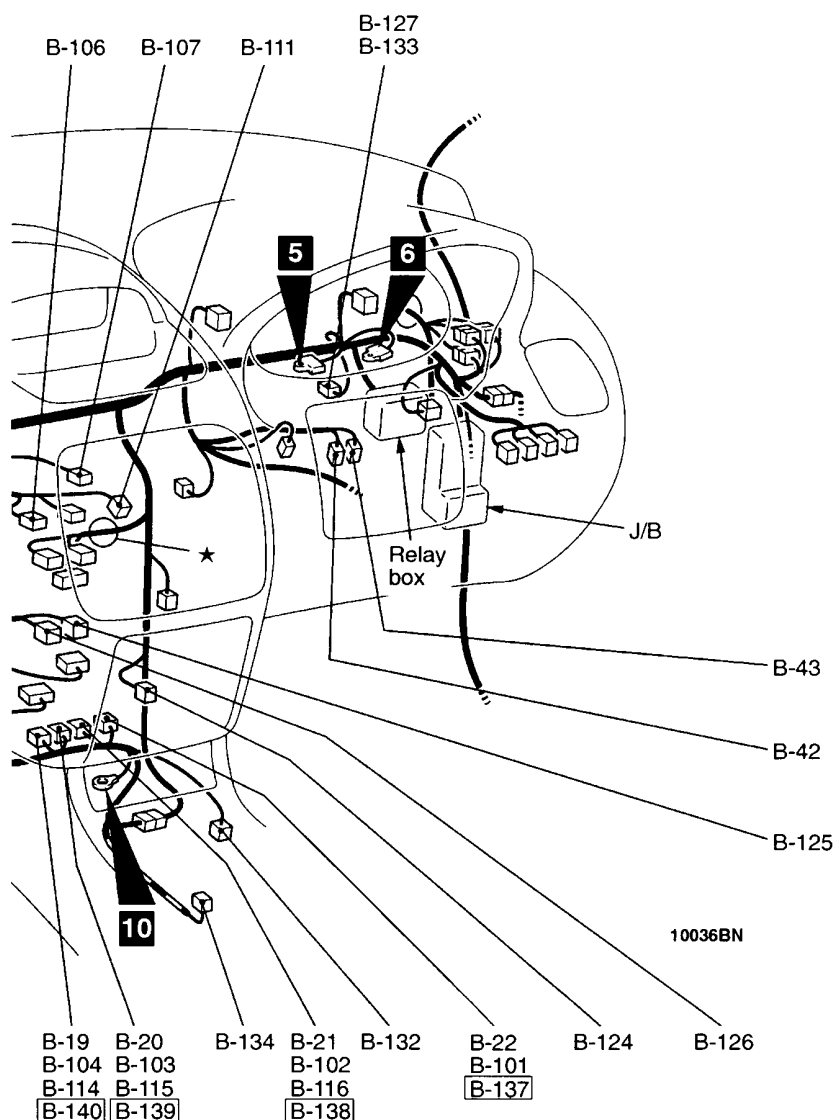
Connector numbers in are connector numbers which have been added.

DASH PANEL

R.H. drive vehicles



B-15 (4)	Control wiring harness and body wiring harness combination <Petrol>	B-43 (4-BR)	Stop lamp switch <Petrol powered vehicles with auto-cruise control system>
B-16 (20)	Control wiring harness and body wiring harness combination	B-96 (4)	Engine control relay <Petrol>
B-19 (26-G)	Engine-ECU <4G92-M/T>	B-97 (4)	Fuel pump relay <Petrol>
B-20 (16-G)	Engine-ECU <4G92-M/T>	B-100 (2)	Control wiring harness and body wiring harness combination <Diesel>
B-21 (12-G)	Engine-ECU <4G92-M/T>	B-101 (30)	Engine-A/T-ECU <Petrol-A/T>
B-22 (22-G)	Engine-ECU <4G92-M/T>	B-102 (28)	Engine-A/T-ECU <Petrol-A/T>
B-42 (3-B)	Stop lamp switch <Petrol powered vehicles without auto-cruise control system> or no connection <Petrol powered vehicles with auto-cruise control system>	B-103 (26)	Engine-A/T-ECU <Petrol-A/T>
B-42 (4-BR)	Stop lamp switch <Diesel>	B-104 (35)	Engine-A/T-ECU <Petrol-A/T>
		B-106 (16)	Radio and tape player or CD player
		B-107 (10)	Hazard warning switch
		B-108 (16-B)	Multi center display unit
		B-109 (20-B)	Multi center display unit
		B-111 (1-B)	Radio and tape player or CD player



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-112 (2-B)	Glove box lamp
B-113 (18)	Control wiring harness and body wiring harness combination <GDI>
B-114 (35-GR)	Engine-ECU <4G93-M/T>
B-115 (28-GR)	Engine-ECU <4G93-M/T>
B-116 (30-GR)	Engine-ECU <4G93-M/T>
B-124 (3)	Cigarette lighter
B-125 (1-B)	Navigation unit
B-126 (12-B)	Navigation unit
B-127 (8-GR)	Accelerator pedal position sensor <GDI>
B-129 (14)	Control wiring harness and body wiring harness combination <Diesel>
B-130 (4)	Main relay <Diesel>
B-131 (4)	Oxygen sensor (Rear) <GDI>
B-132 (4)	Oxygen sensor (Rear) <except-GDI>

B-133 (6-B)	Accelerator pedal position sensor <Diesel>
B-134 (8)	Shift switch assembly <Sports mode 4A/T>
<u>B-135</u> (4)	Control wiring harness and body wiring harness combination <4G1>
<u>B-136</u> (3-R)	Diode (For MPI system circuit) <4G1>
<u>B-137</u> (22-Y)	Engine-ECU <4G1>
<u>B-138</u> (12-Y)	Engine-ECU <4G1>
<u>B-139</u> (16-Y)	Engine-ECU <4G1>
<u>B-140</u> (26-Y)	Engine-ECU <4G1>

NOTE

Connector numbers in are connector numbers which have been added.

SINGLE PART INSTALLATION POSITION

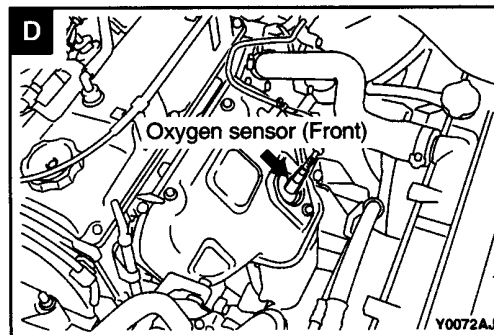
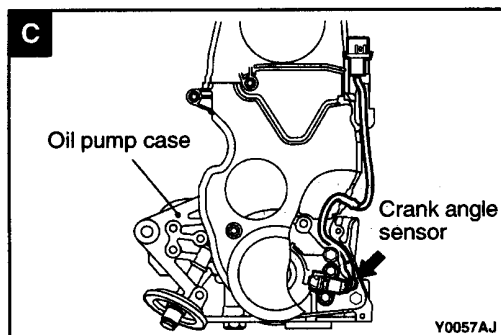
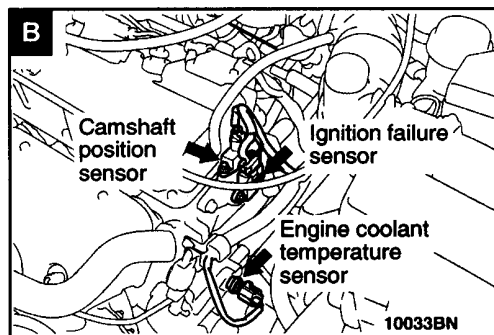
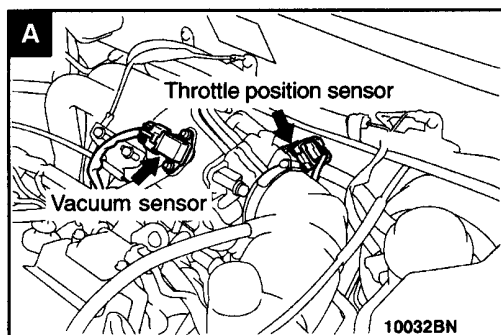
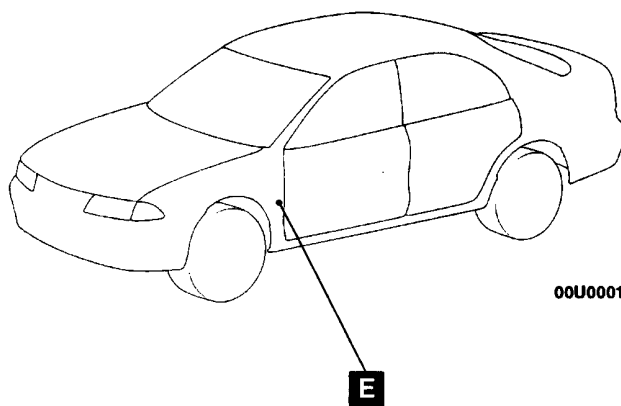
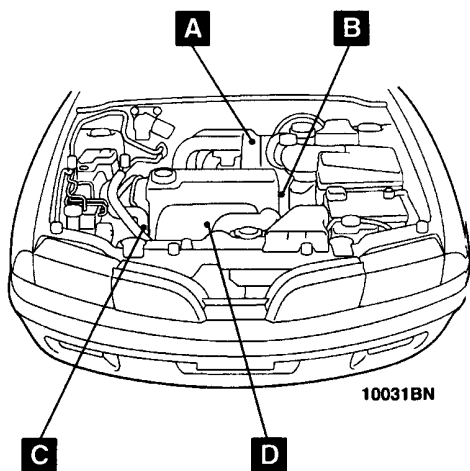
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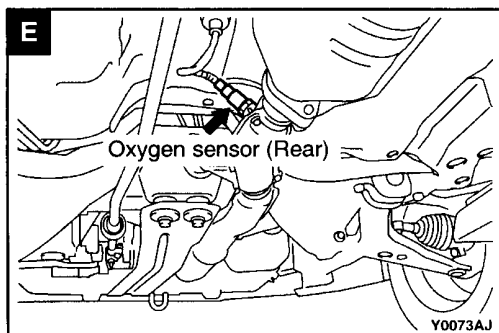
SENSOR	2	DIODE	3
SOLENOID VALVE	3		

SENSOR

Name	Symbol	Name	Symbol
Camshaft position sensor <4G1>	B	Oxygen sensor (Front) <4G1>	D
Crank angle sensor <4G1>	C	Oxygen sensor (Rear) <4G1>	E
Engine coolant temperature sensor <4G1>	B	Throttle position sensor <4G1>	A
Ignition failure sensor <4G1>	B	Vacuum sensor <4G1>	A

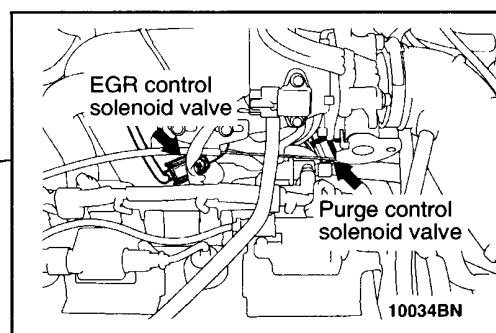
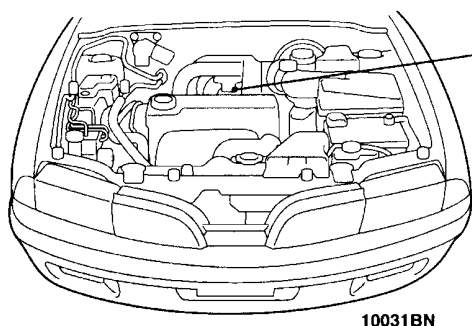
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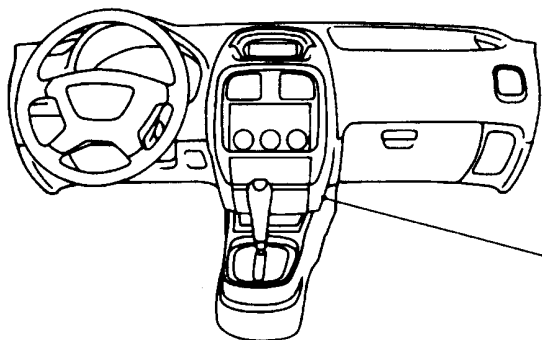


SOLENOID VALVE

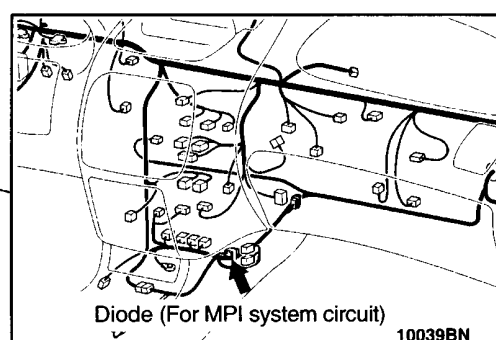
<4G1>



DIODE



<4G1>



CIRCUIT DIAGRAMS

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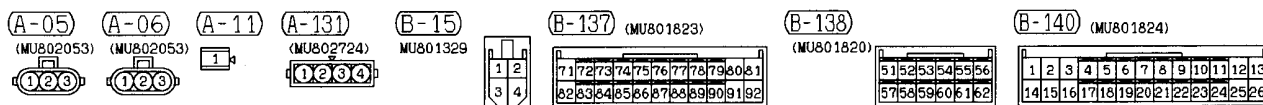
MULTI CENTER DISPLAY

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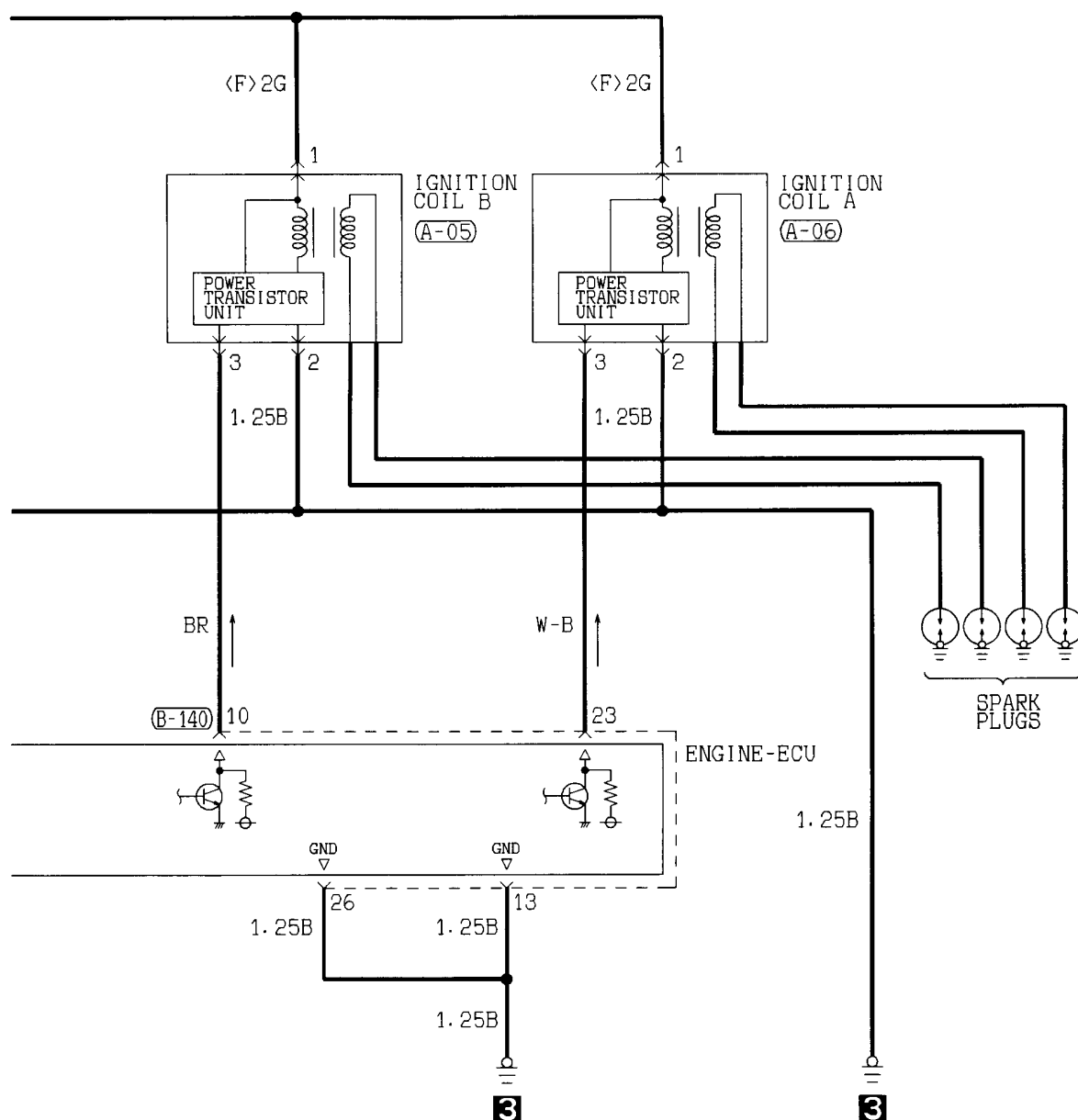
IMMOBILIZER SYSTEM

Petrol-powered vehicles 40

4G1



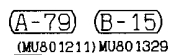
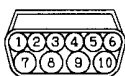
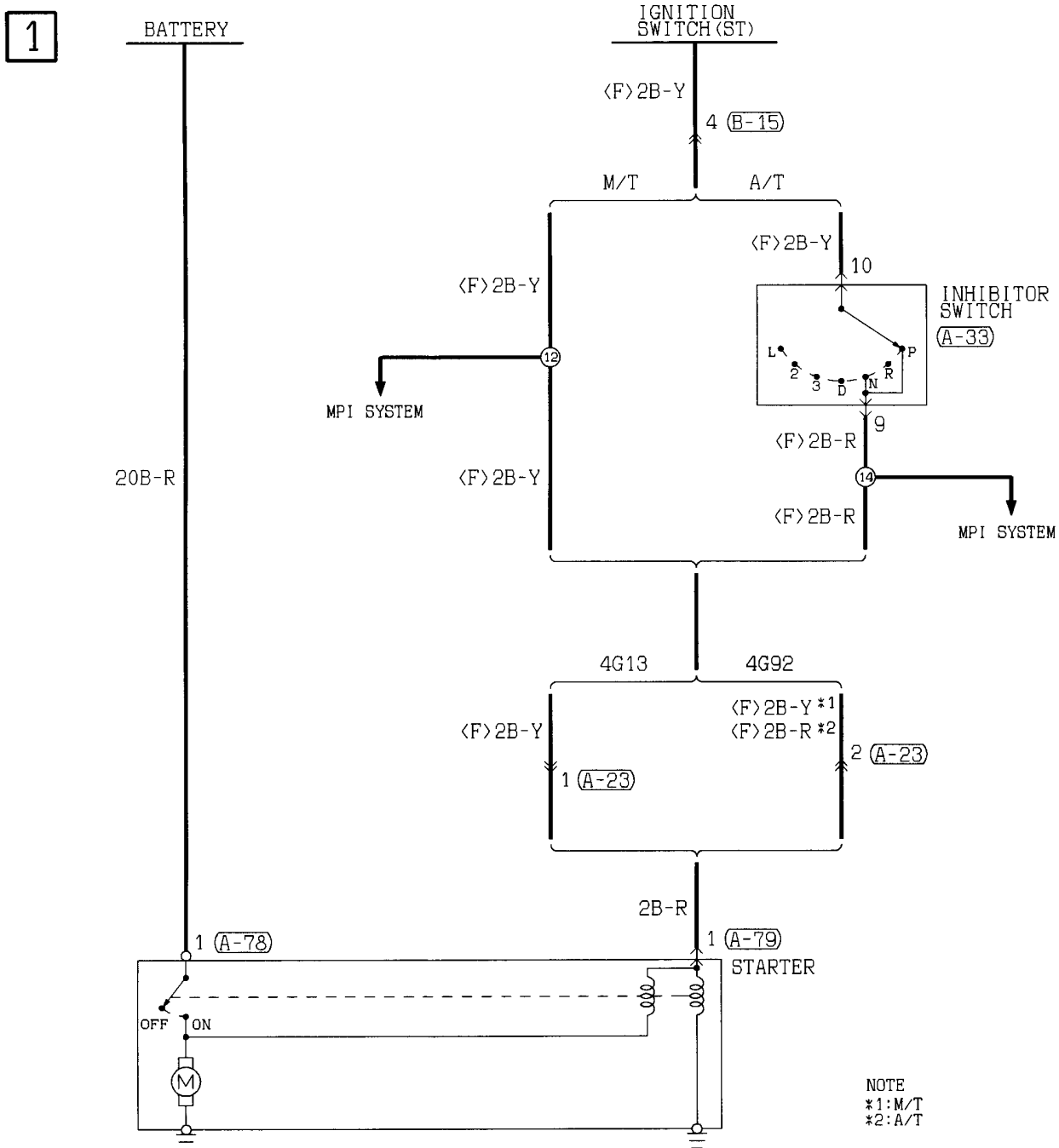
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Wire colour code
 B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue
 BR : Brown O : Orange GR : Gray RL : Red P : Pink V : Violet

STARTING SYSTEM

Petrol-powered vehicles <MPI>



Wire colour code

B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue

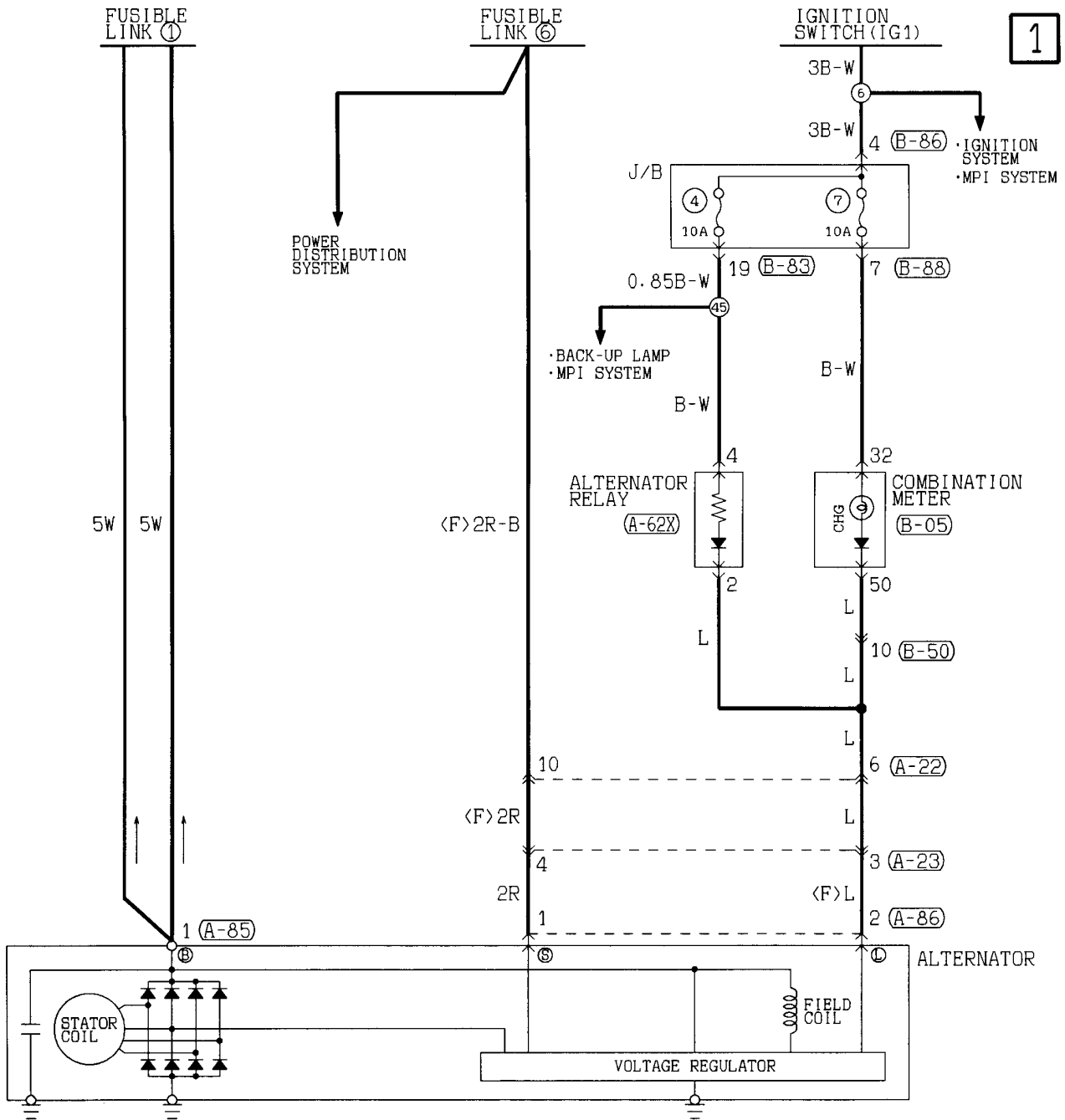
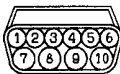
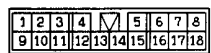
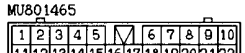
BR : Brown O : Orange

GR : Gray R : Red

P : Pink V : Violet

CHARGING SYSTEM

4G1

(A-22)
MU802355(A-23)
MU801465(A-62X)
1(A-85)
1(A-86)
1(B-05)
3 1 3 2 3 3 3 4 3 5 3 6 3 7 3 8 3 9 4 0 4 1 4 2
4 3
4 4 4 5 4 6 4 7 4 8 4 9 5 0 5 1 5 2 5 3 5 4 5 5(B-50)
MU801461(B-83)
MU801457(B-86)
1(B-88)
MU801465

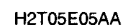
Wire colour code
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G : Green
 GR : Gray
 P : Pink

L : Blue
 R : Red
 Y : Yellow

H2T04E00AA

4G1





(D-13)

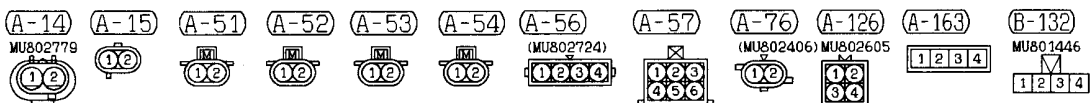
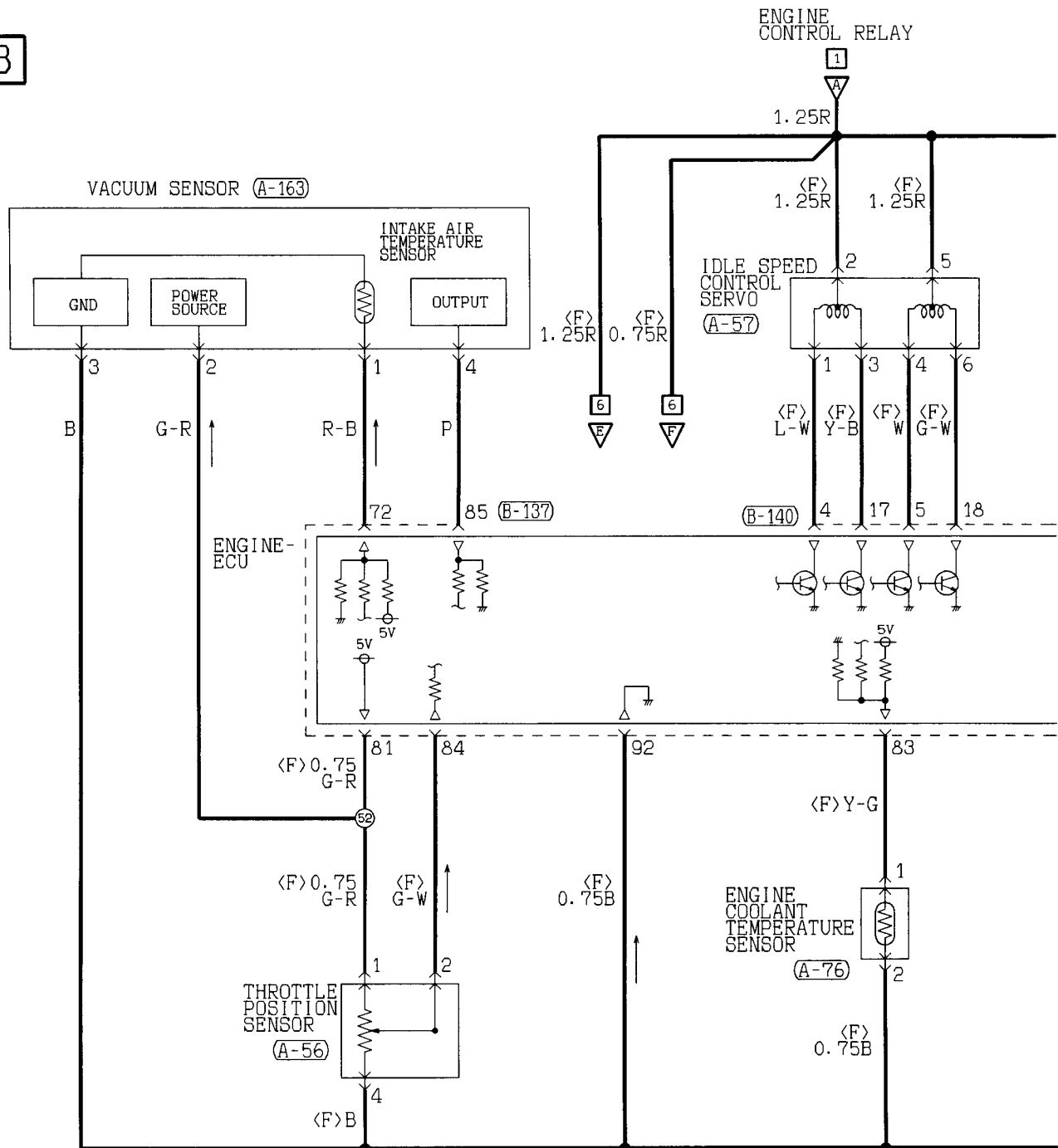
10 MU801451

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5	6	7	8

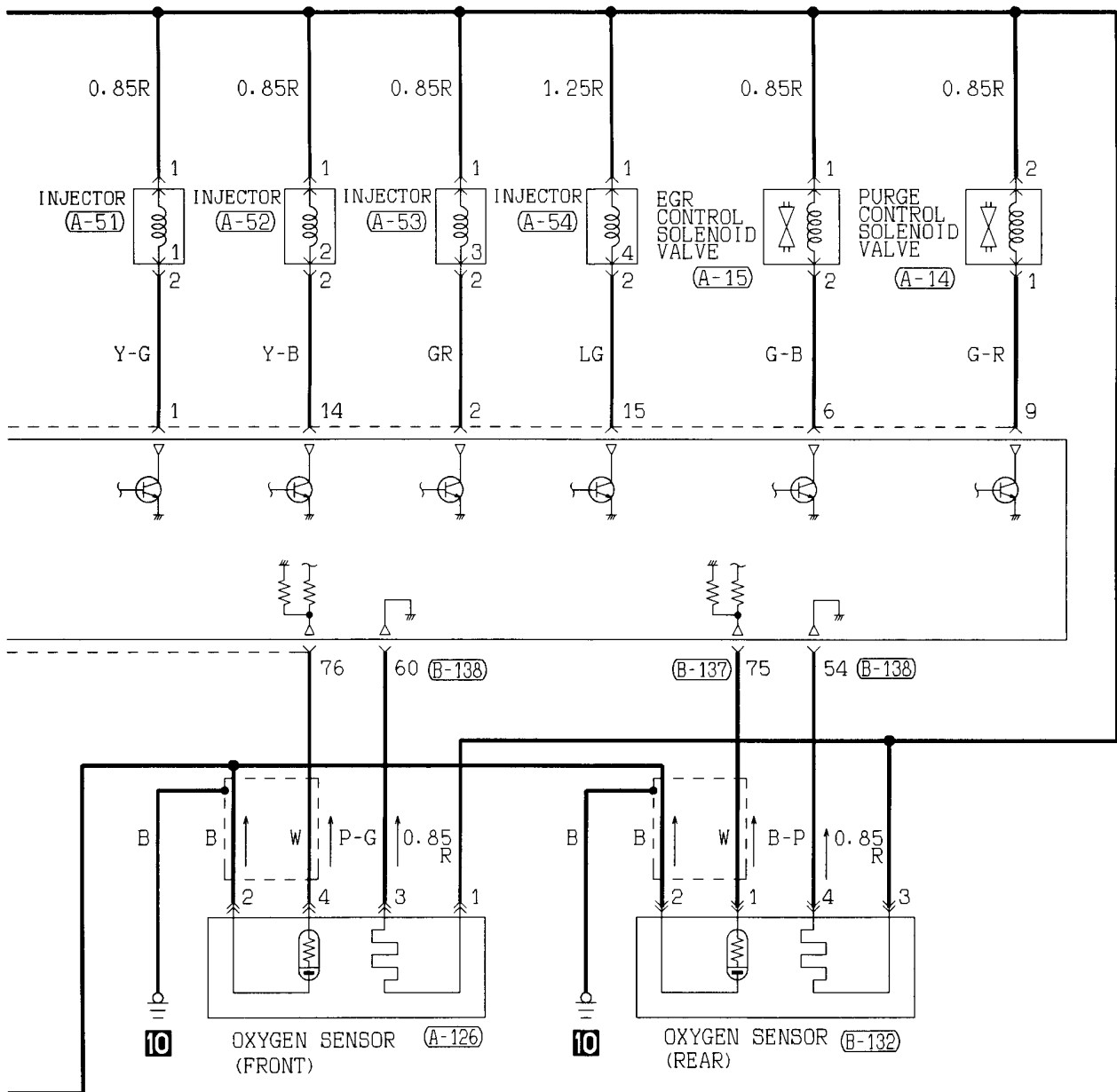
Wire colour code
B :Black LG:Light green G :Green L :Blue W :White Y :Yellow SB:Sky blue
BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

MPI SYSTEM <4G1> (CONTINUED)

3



4



(B-137) (MU801823)

71	72	73	74	75	76	77	78	79	80	81
82	83	84	85	86	87	88	89	90	91	92

(B-138) (MU801820)

51	52	53	54	55	56
57	58	59	60	61	62

(B-140) (MU801824)

1	2	3	4	5	6	7	8	9	10	11	12	13
14	15	16	17	18	19	20	21	22	23	24	25	26

Wire colour code

B : Black LG : Light green

G : Green

L : Blue

W : White

Y : Yellow

SB : Sky blue

BR : Brown O : Orange

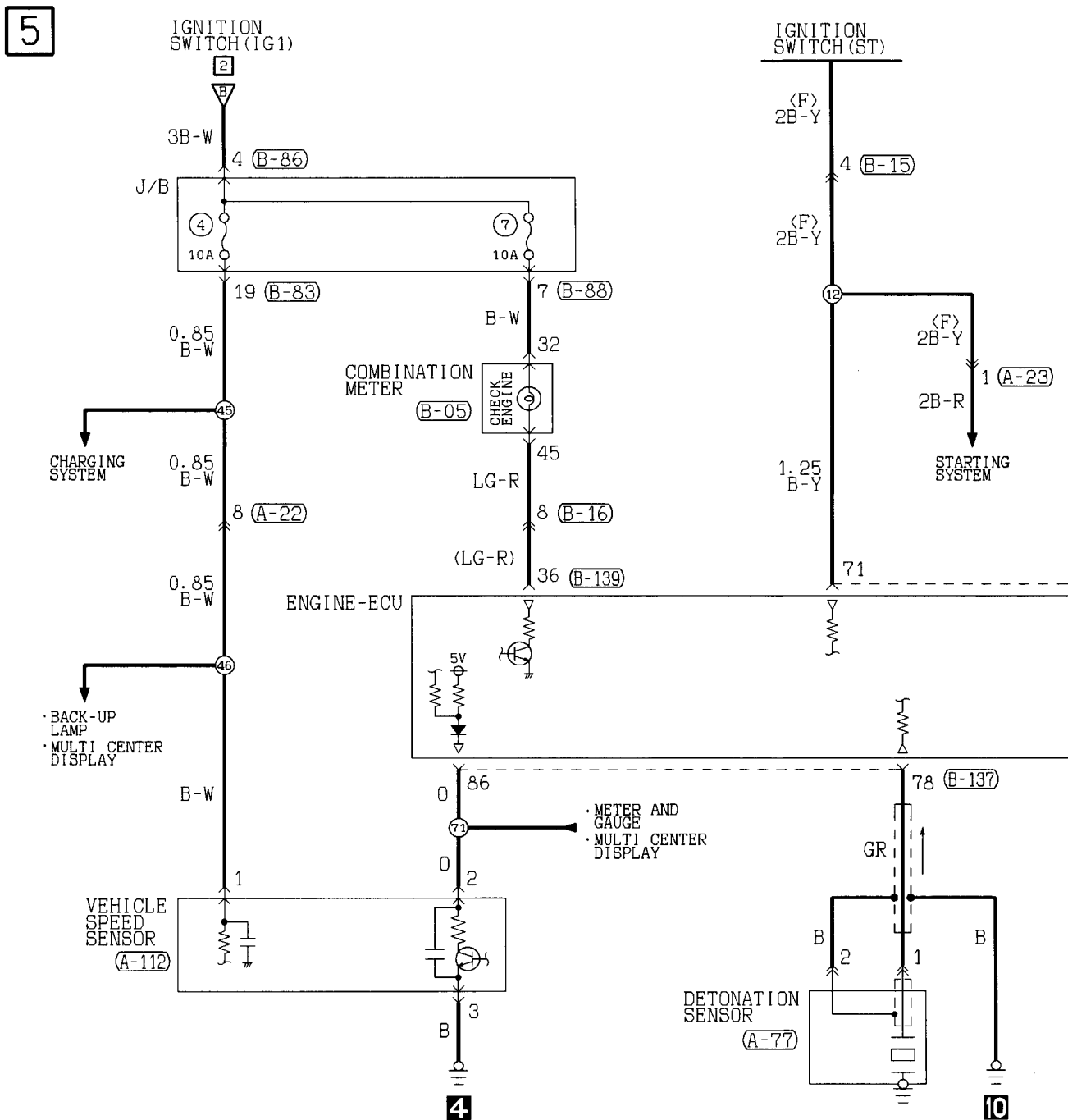
GR : Gray

R : Red

P : Pink

V : Violet

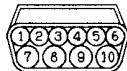
MPI SYSTEM <4G1> (CONTINUED)



(A-02) MU802603

(A-03) MU802337

(A-22) MU802355



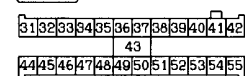
(A-77) MU802661



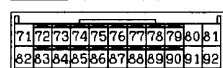
(B-02) (MU801583)



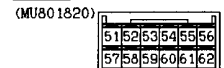
(B-05)



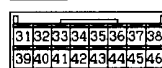
(B-137) (MU801823)



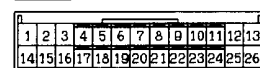
(B-138) (MU801820)



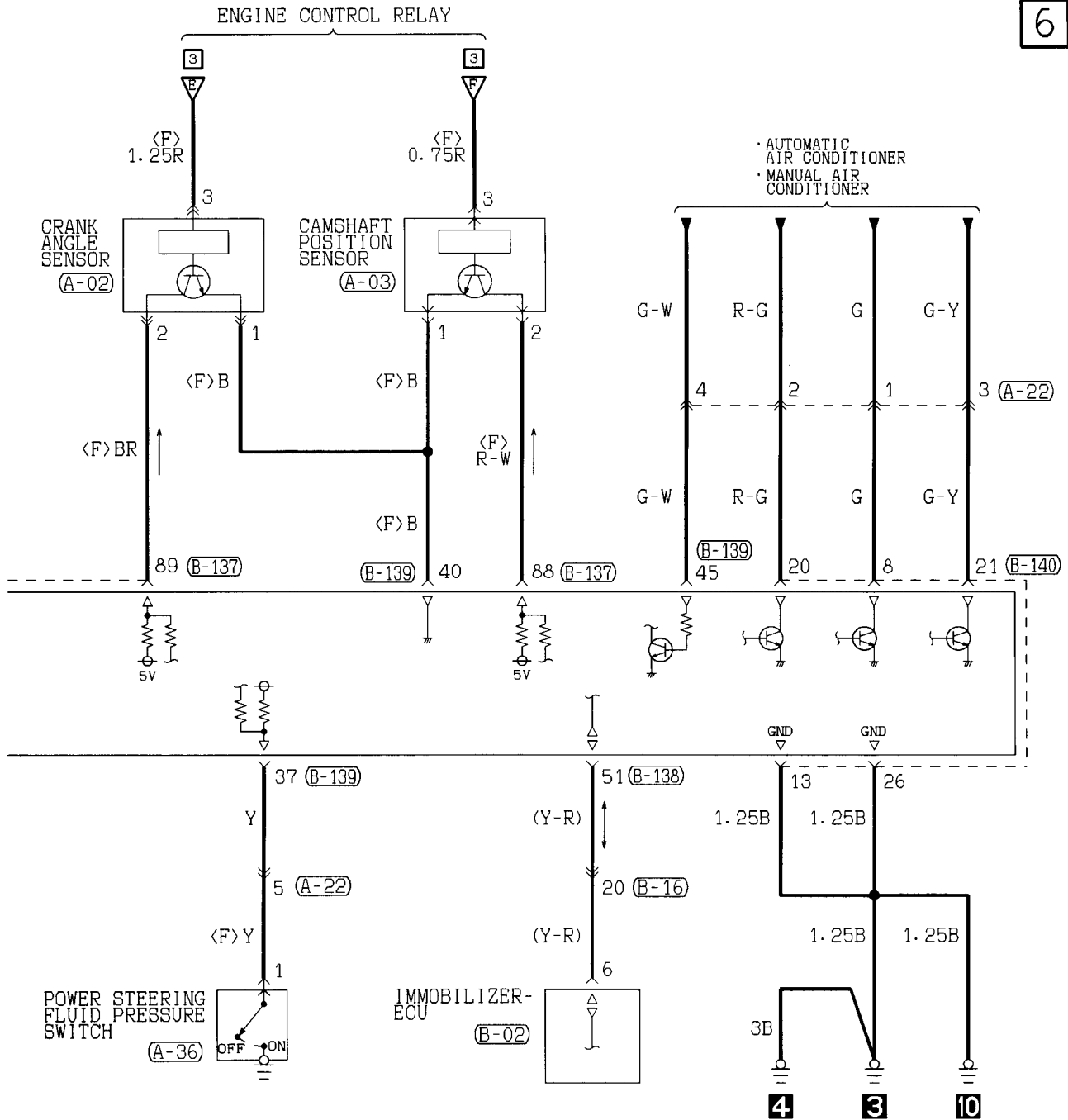
(B-139) (MU801822)



(B-140) (MU801824)



6

(B-15)
MU801329

1	2
3	4

(B-16)
MU801457

1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18
19	20							

(B-83)
MU801457

1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18
19	20							

(B-86)

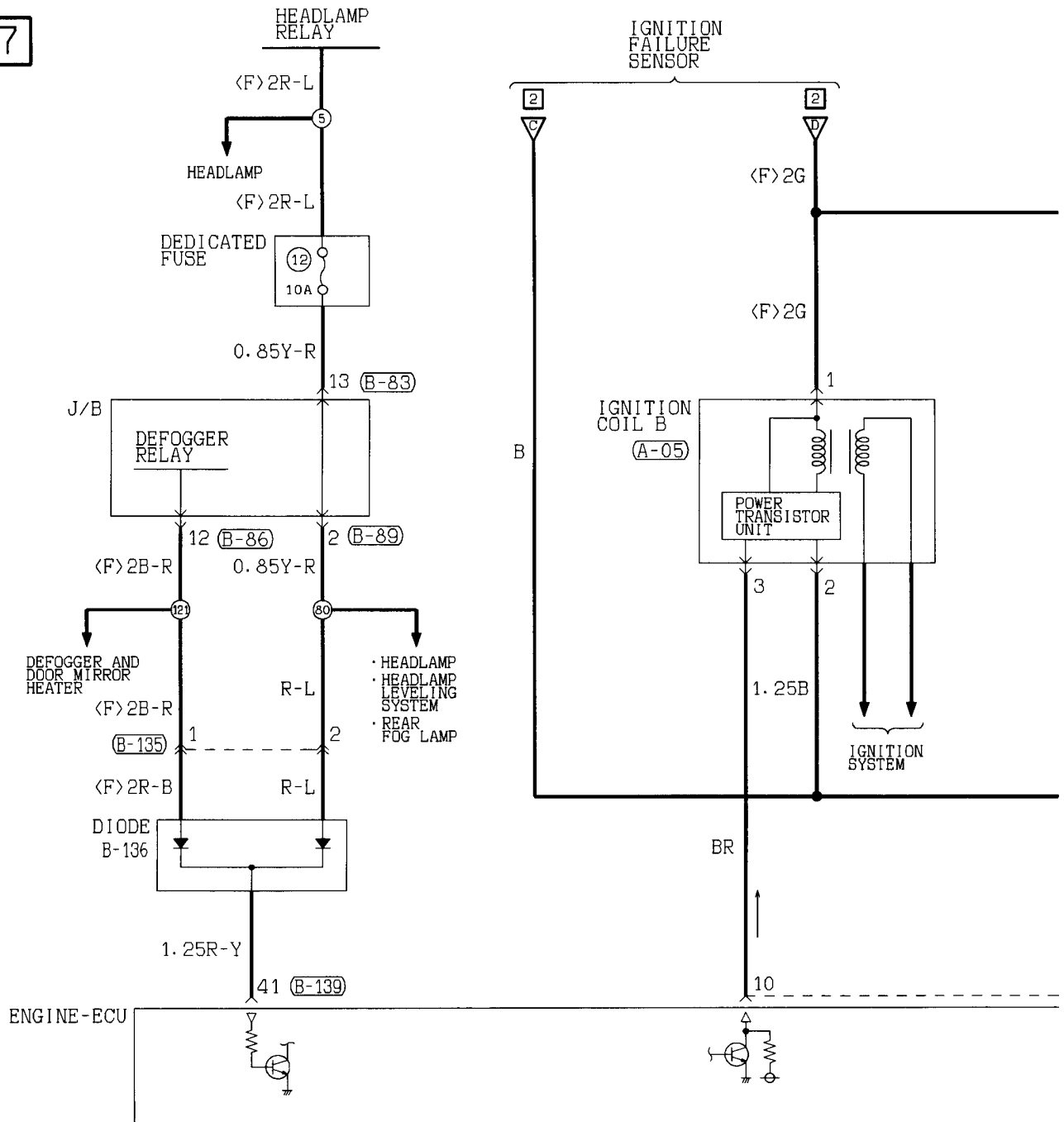
1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16
17	18						

(B-88)

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22								

MPI SYSTEM <4G1> (CONTINUED)

7



(A-05)

(MU802053)



(A-06)

(MU802053)



(B-16)

MU801457



(B-41)

FRONT SIDE



(B-75X)



(B-83)

MU801457



(B-138)

(MU801820)



(B-139)

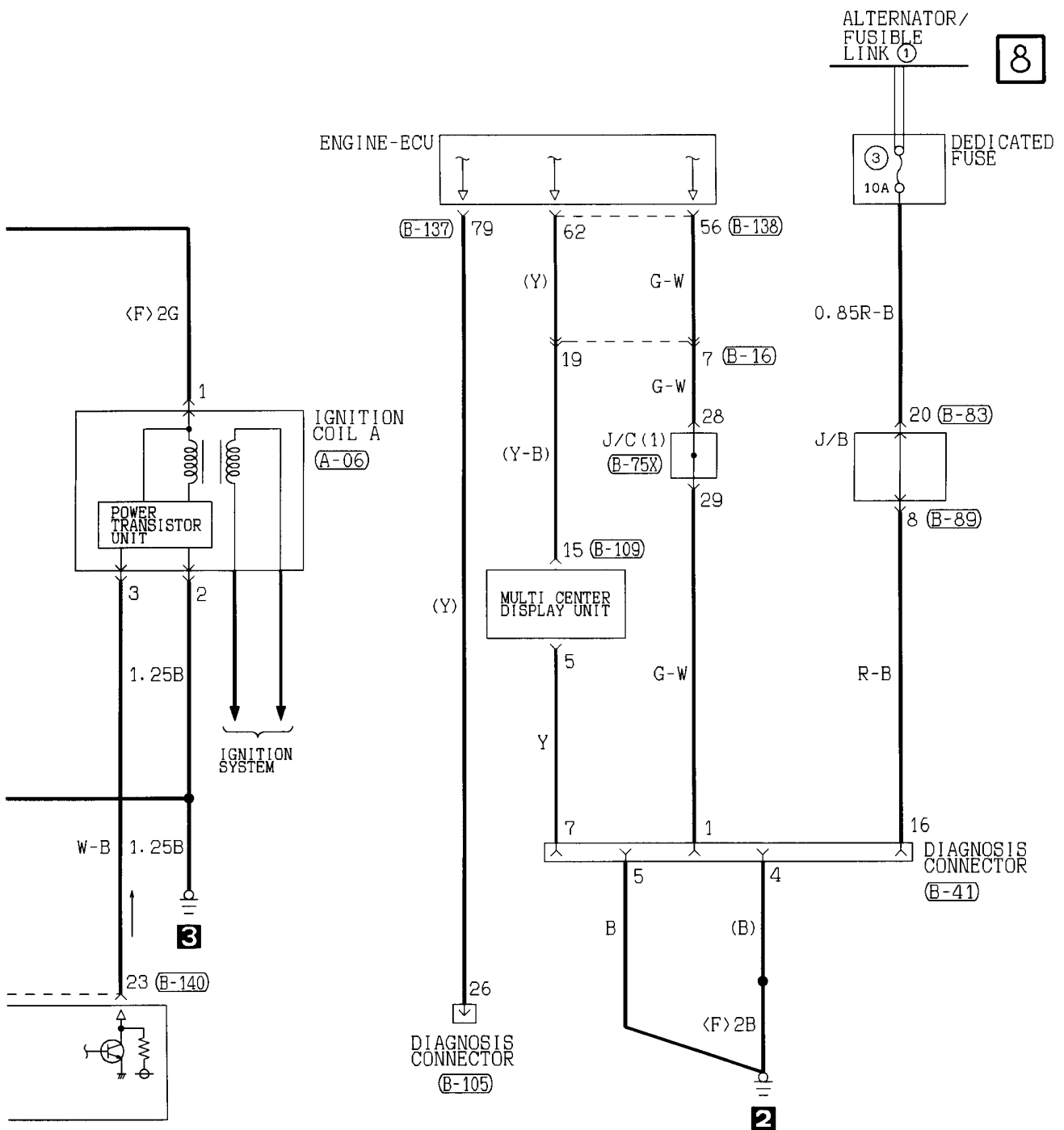
(MU801822)



(B-140)

(MU801824)





B-86

1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24

(B-89)

MU801461

1	2	3	4	5	☒	6	7	8	9	10	
11	12	13	14	15	16	17	18	19	20	21	22

(B-105) FRONT
SIDE

25	24			23	22	21
32	31	30	29	28	27	26

(B-109) (MU801585)

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

B-135

MU801445

1	2	3	4
---	---	---	---

(B-137) (MU801823)

71	72	73	74	75	76	77	78	79	80	81
82	83	84	85	86	87	88	89	90	91	92

Wire colour code

Wire colour code
B :Black LG:Light green
BR:Brown O :Orange

G :Green
GR:Gray

L : Blue
R : Red

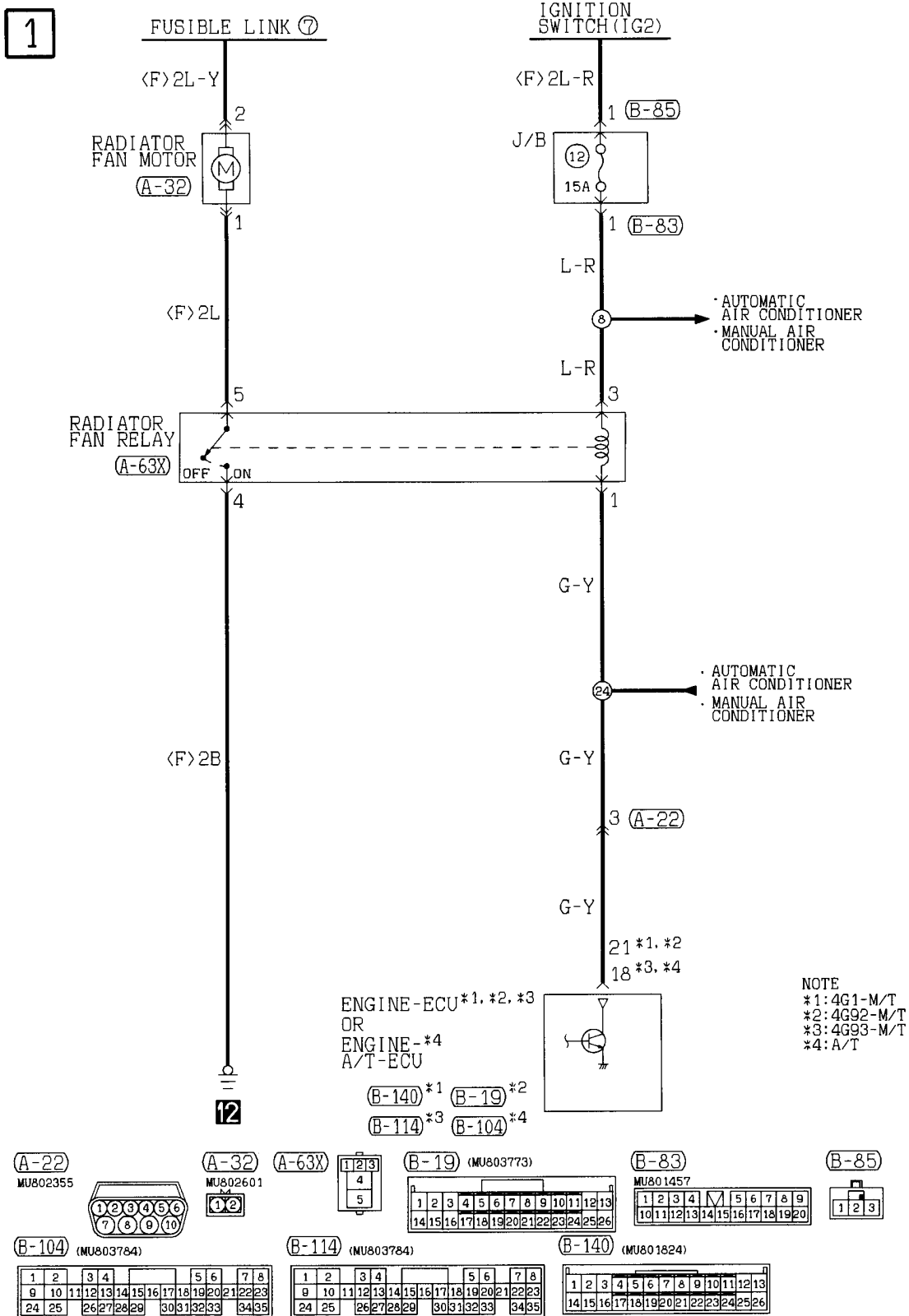
W : White
P : Pink

```
Y :Yellow
V :Violet
```

SB: Sky blue

COOLING SYSTEM

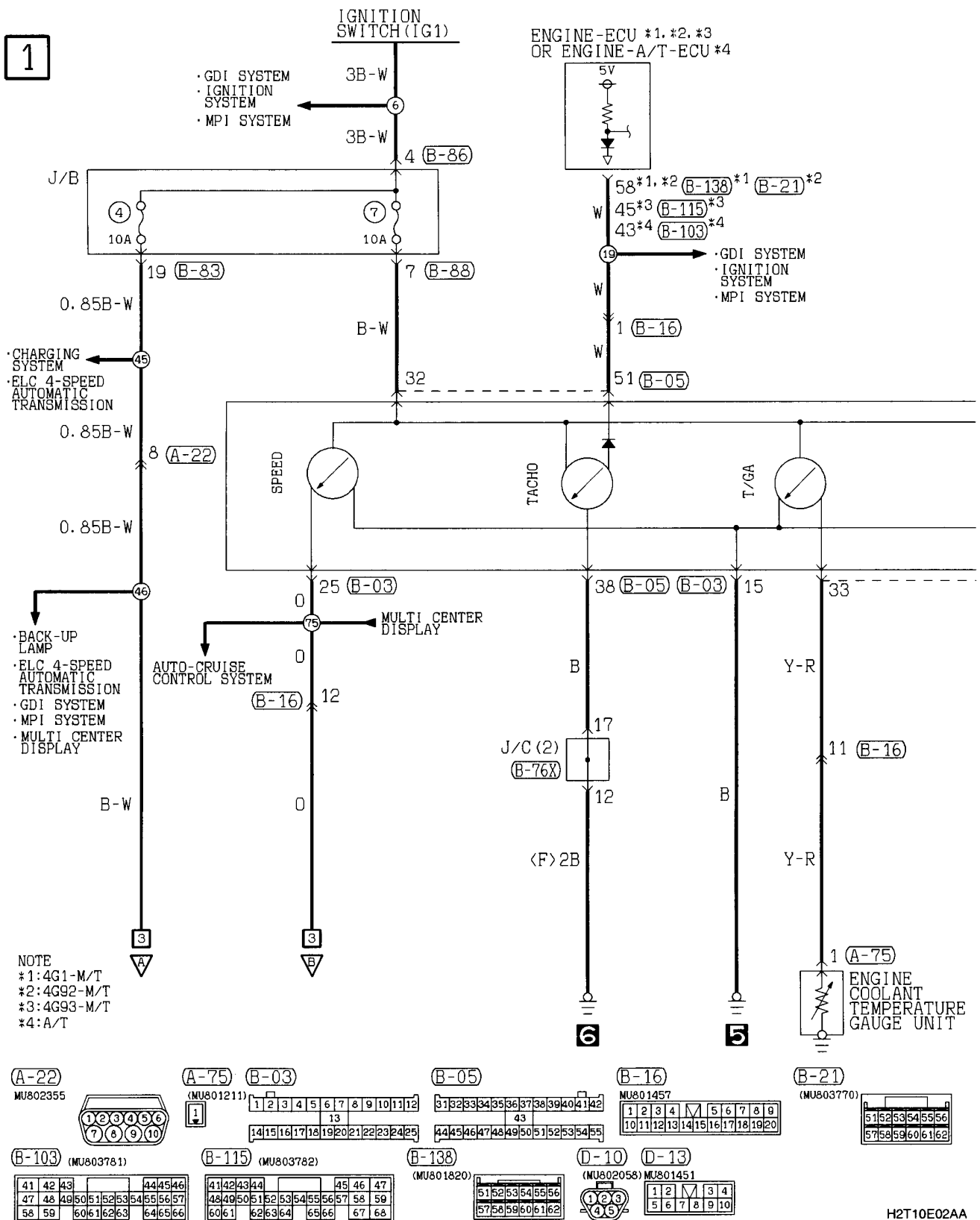
Petrol-powered vehicles



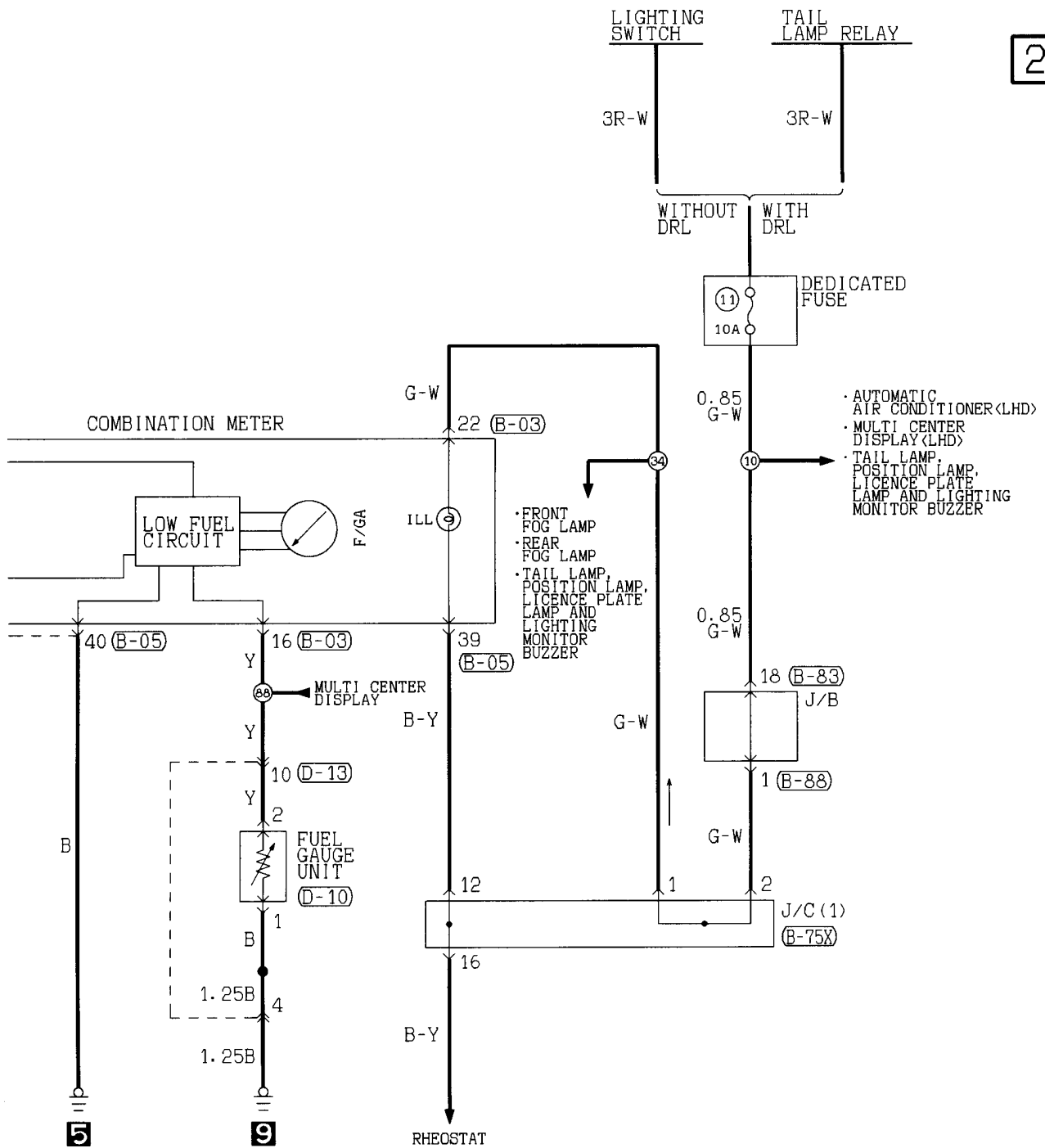
NOTES

METER AND GAUGE

Petrol-powered vehicles



2



(B-75X)

1	2	3	4	5	6	7	8	9	10	11
12	13	14	15	16	17	18	19	20	21	22
23	24	25	26	27	28	29	30	31	32	33

(B-76X)

1	2	3	4	5	6	7	8	9	10	11
12	13	14	15	16	17	18	19	20	21	22
23	24	25	26	27	28	29	30	31	32	33

(B-83)

1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18
19	20	21	22	23	24	25	26	27

(B-86)

1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24

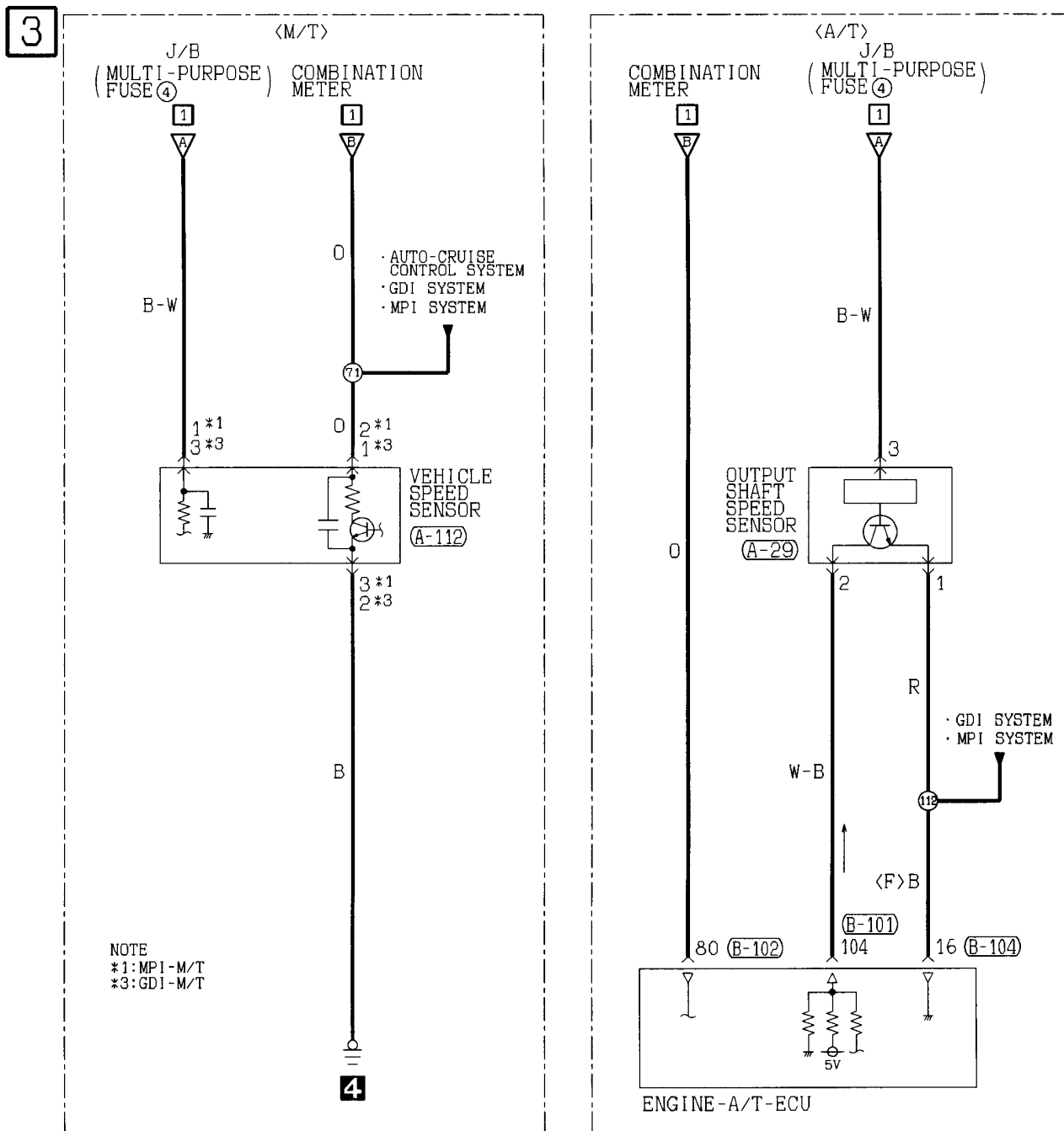
(B-88)

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30

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

METER AND GAUGE <Petrol-powered vehicles> (CONTINUED)



(B-101) (MU803783)

101	102	103	104	105	106	107
108	109	110	111	112	113	114
115	116	117	118	119	120	121
122	123	124	125	126	127	128
129	130					

(B-102) (MU803782)

71	72	73	74	75	76	77
78	79	80	81	82	83	84
85	86	87	88	89	90	91
92	93	94	95	96	97	98

(B-104) (MU803784)

1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32
33	34	35					

Wire colour code

B : Black LG : Light green

G : Green GR : Gray

L : Blue R : Red

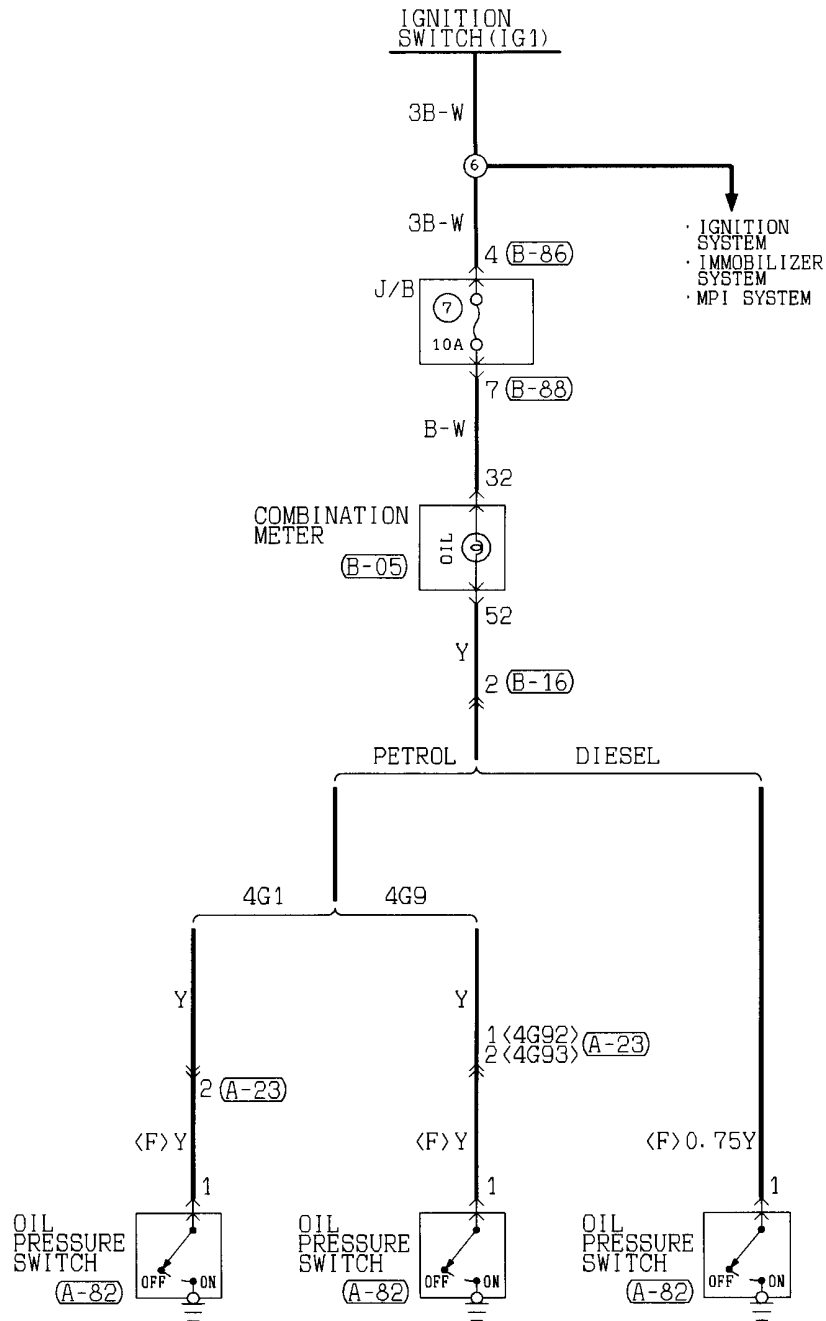
W : White P : Pink

Y : Yellow V : Violet

SB : Sky blue

OIL PRESSURE WARNING LAMP

1



(A-23)
<4G1, 4G92>
1 2
3 4

(A-82)
<PETROL>
1

(A-82)
<DIESEL>
1

(B-05)
31 32 33 34 35 36 37 38 39 40 41 42
43
44 45 46 47 48 49 50 51 52 53 54 55

(B-16)
MU801457
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18 19 20

(B-86)
1 2 3 4 5 6 7 8
9 10 11 12 13 14 15 16 17 18

(B-88)
MU801465
1 2 3 4 5 6 7 8 9 10
11 12 13 14 15 16 17 18 19 20 21 22

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

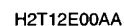
R : Red

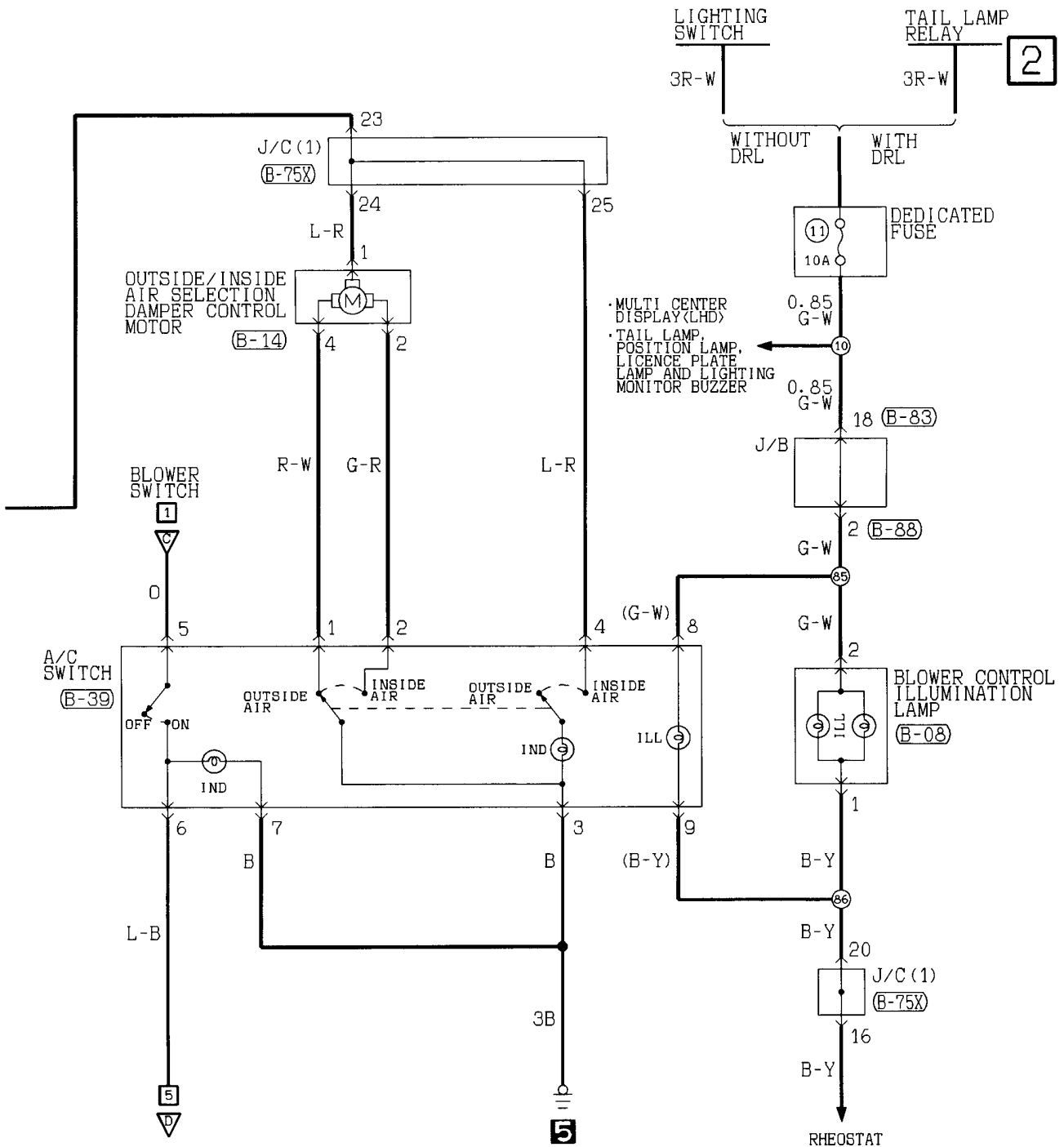
P : Pink

V : Violet

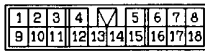
H2T10E03AA

Petrol-powered vehicles

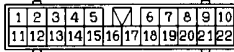




(B-84) (B-85) (B-86)

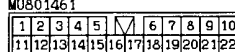


(B-88)



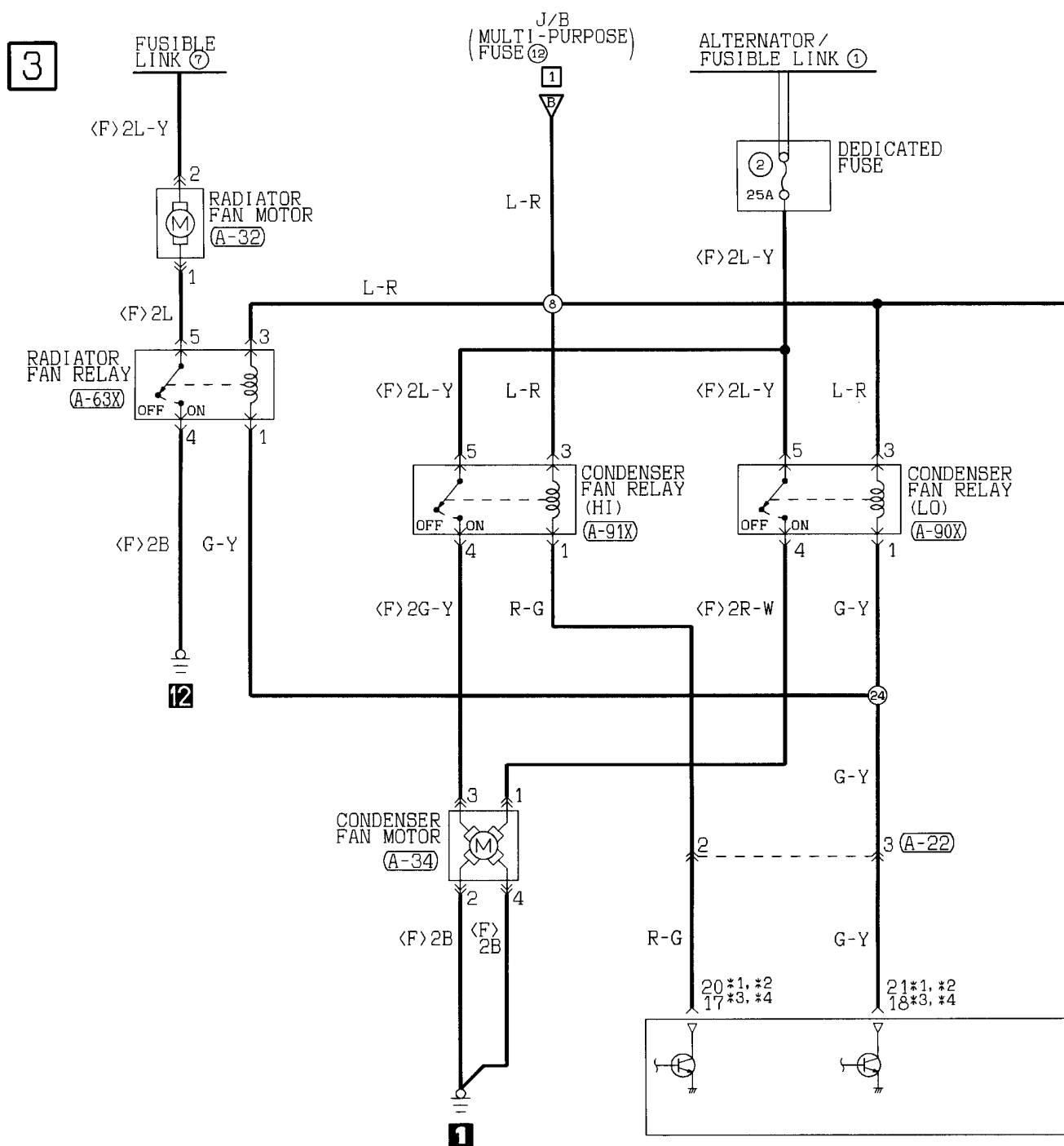
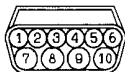
(B-89)

MU801461



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

MANUAL AIR CONDITIONER <Petrol-powered vehicles> (CONTINUED)

(A-22)
MU802355(A-32)
MU802601(A-34)
MU802665

(A-63X)

(A-81)
MU802653

(A-90X)



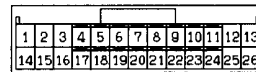
(A-91X)

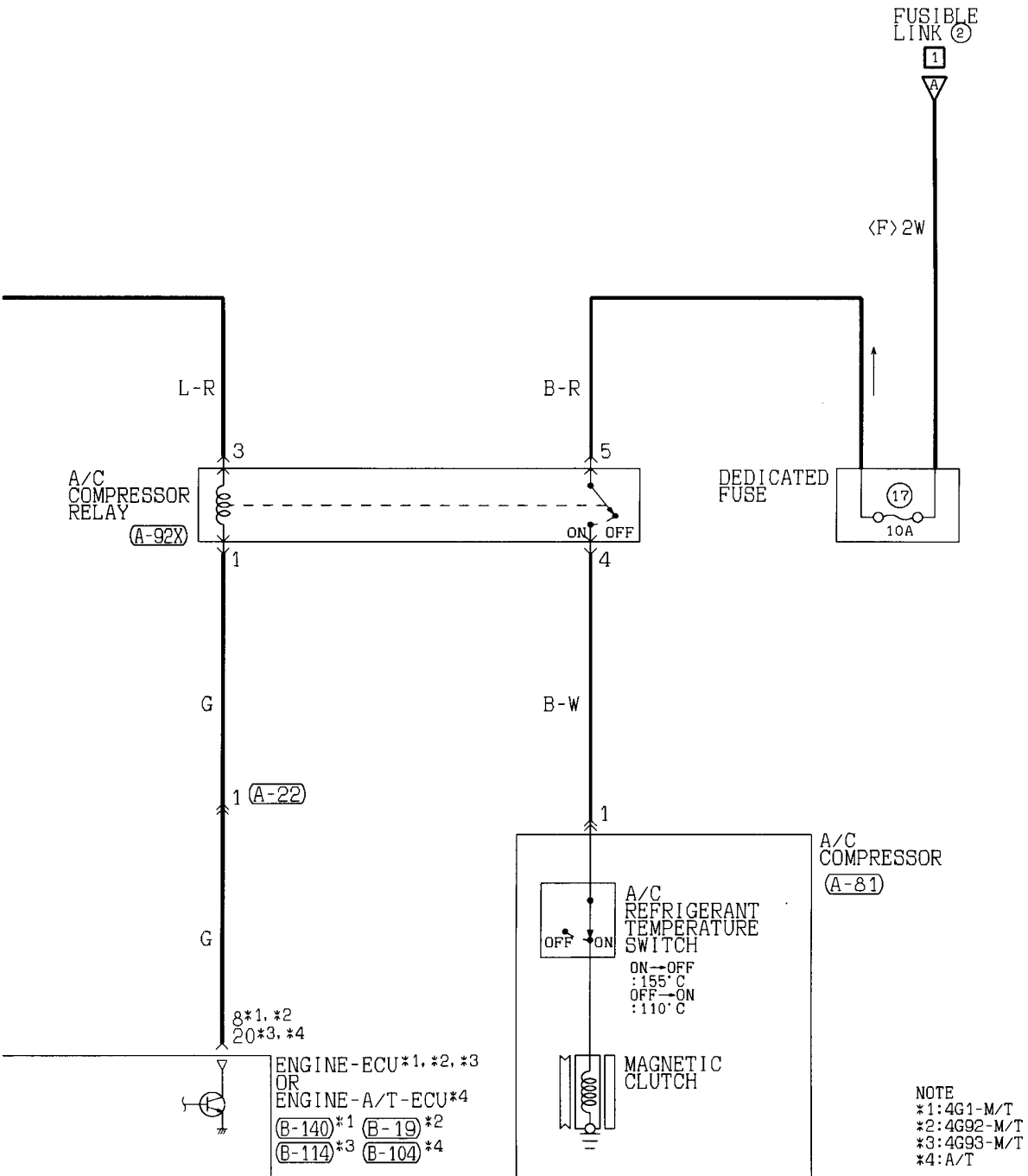


(A-92X)



(B-19) (MU803773)





(B-104) (MU803784)

1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32
33	34	35					

(B-114) (MU803784)

1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32
33	34	35					

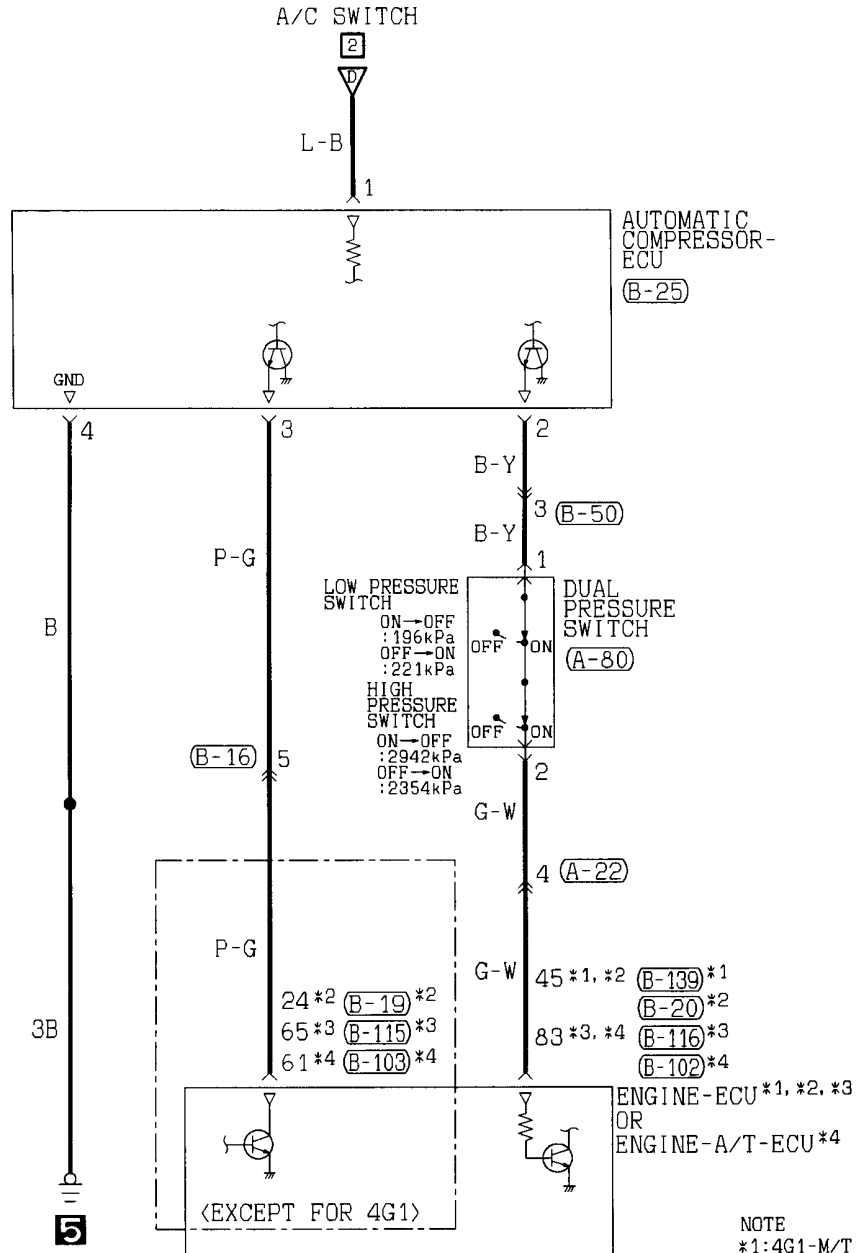
(B-140) (MU801824)

1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24
25	26						

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

MANUAL AIR CONDITIONER <Petrol-powered vehicles> (CONTINUED)

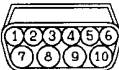
5



NOTE

*1: 4G1-M/T
*2: 4G92-M/T
*3: 4G93-M/T
*4: A/T

(A-22) MU802355



(A-80) MU801457

1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18
19	20	21	22	23	24	25	26	

(B-19) (MU803773)

1	2	3	4	5	6	7	8	9	10	11	12	13
14	15	16	17	18	19	20	21	22	23	24	25	26

(B-20) (MU803771)

31	32	33	34	35	36	37	38
39	40	41	42	43	44	45	46

(B-25)

1	2	3	4
---	---	---	---

(B-50)

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22								

(B-102) (MU803782)

71	72	73	74				75	76	77
78	79	80	81	82	83	84	85	86	87
88	89	90	91	92	93	94	95	96	97
98	99	100							

(B-103) (MU803781)

41	42	43				44	45	46
47	48	49	50	51	52	53	54	55
56	57	58	59	60	61	62	63	64
65	66							

(B-115) (MU803782)

41	42	43	44				45	46	47
48	49	50	51	52	53	54	55	56	57
58	59	60	61	62	63	64	65	66	67
68									

(B-116)

71	72	73	74				75	76	77
78	79	80	81	82	83	84	85	86	87
88	89	90	91	92	93	94	95	96	97
98	99	100							

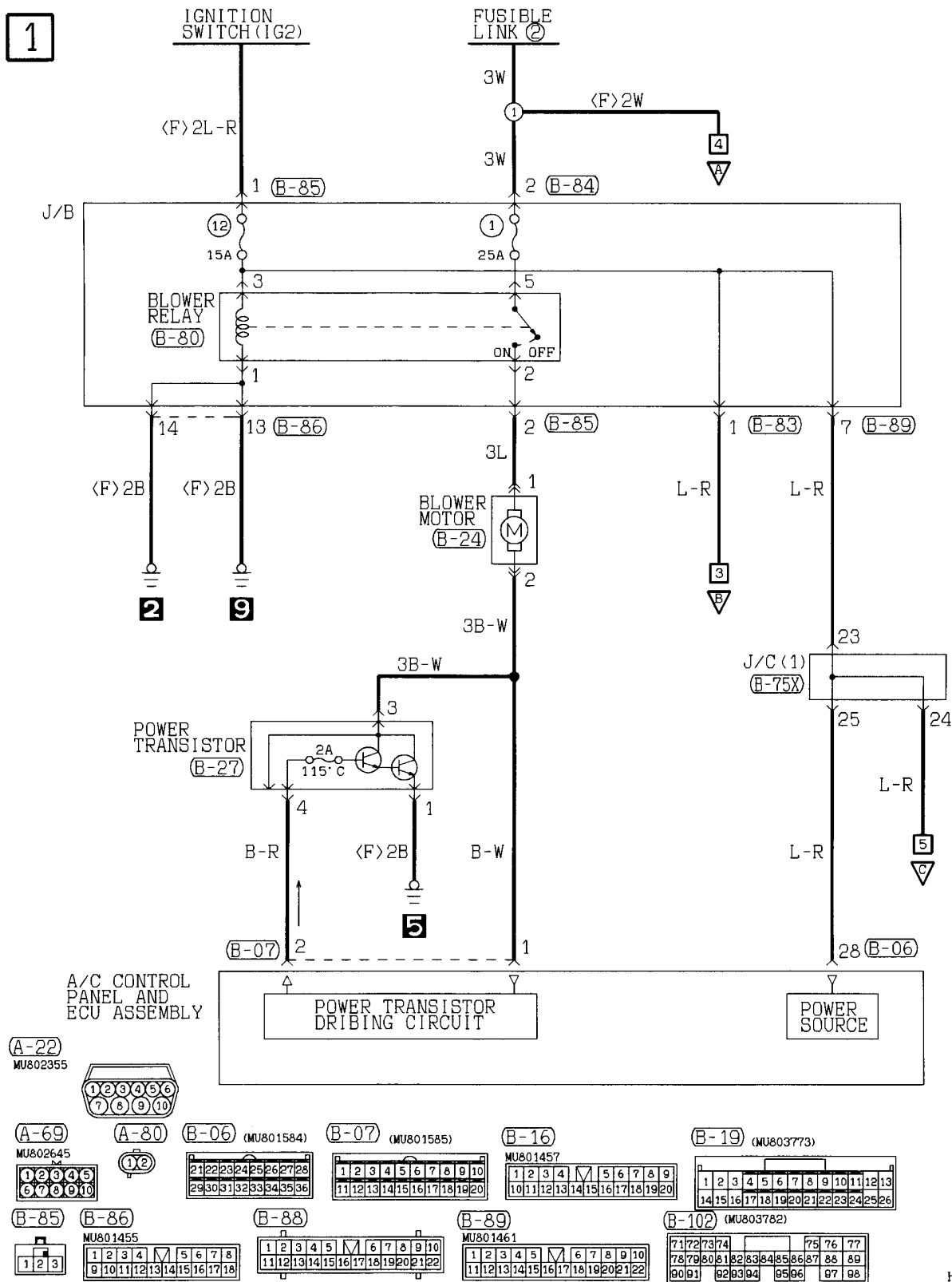
(B-139) (MU801822)

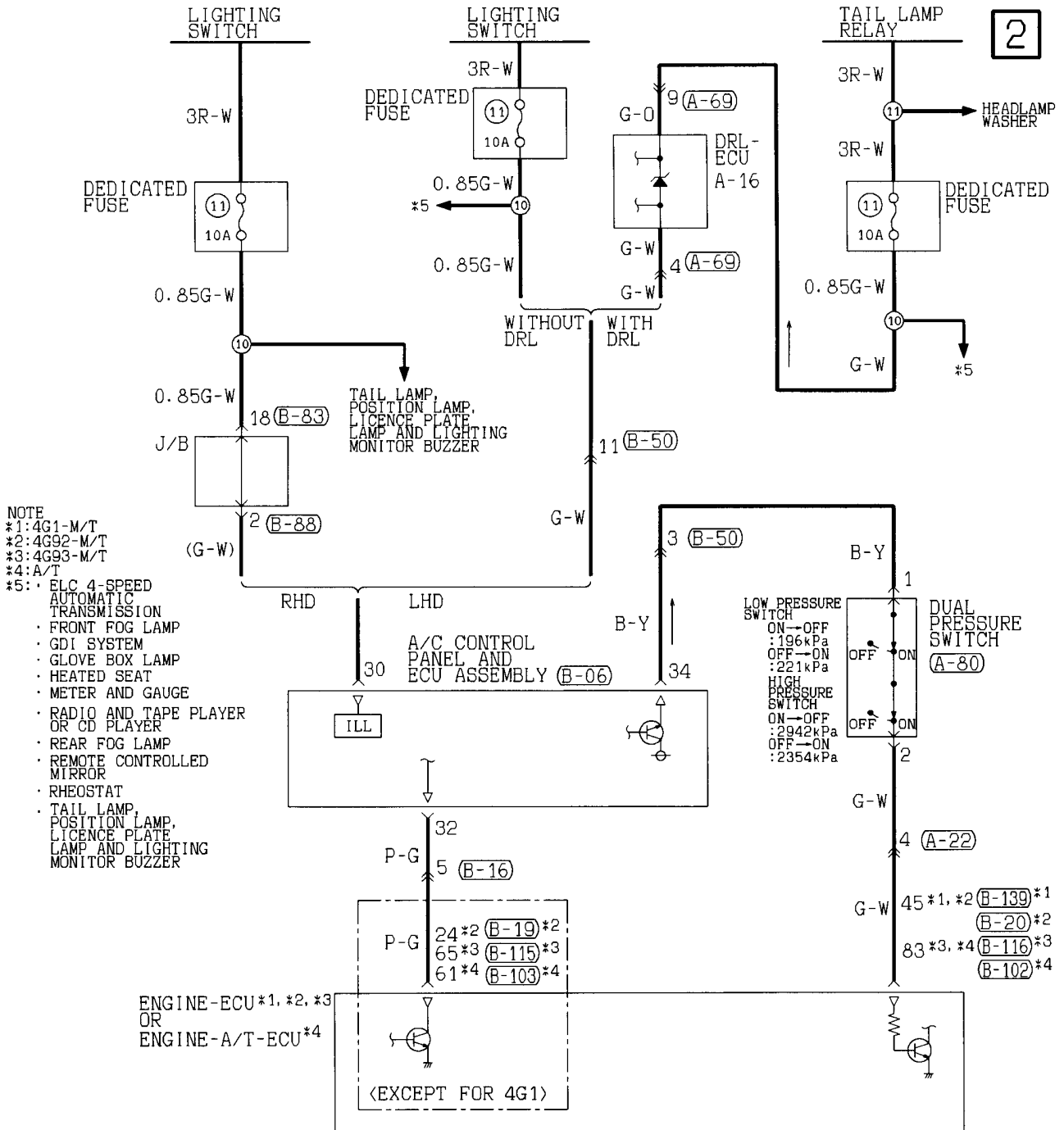
31	32	33	34	35	36	37	38
39	40	41	42	43	44	45	46

NOTES

AUTOMATIC AIR CONDITIONER

Petrol-powered vehicles





B-20 (MU803771)

31	32	33	34	35	36	37	38
39	40	41	42	43	44	45	46

B-24

1	2
---	---

B-27

1	2
---	---

B-50

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40

B-75X

1	2	3	4	5	6	7	8	9	10	11
12	13	14	15	16	17	18	19	20	21	22
23	24	25	26	27	28	29	30	31	32	33

B-80

1	2	3
---	---	---

B-83

1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18
19	20	21	22	23	24	25	26	27

B-84

1	2
---	---

B-103 (MU803781)

41	42	43	44	45	46
47	48	49	50	51	52
53	54	55	56	57	58
59	60	61	62	63	64
65	66	67	68	69	70

B-115 (MU803782)

41	42	43	44	45	46	47
48	49	50	51	52	53	54
55	56	57	58	59	60	61
62	63	64	65	66	67	68

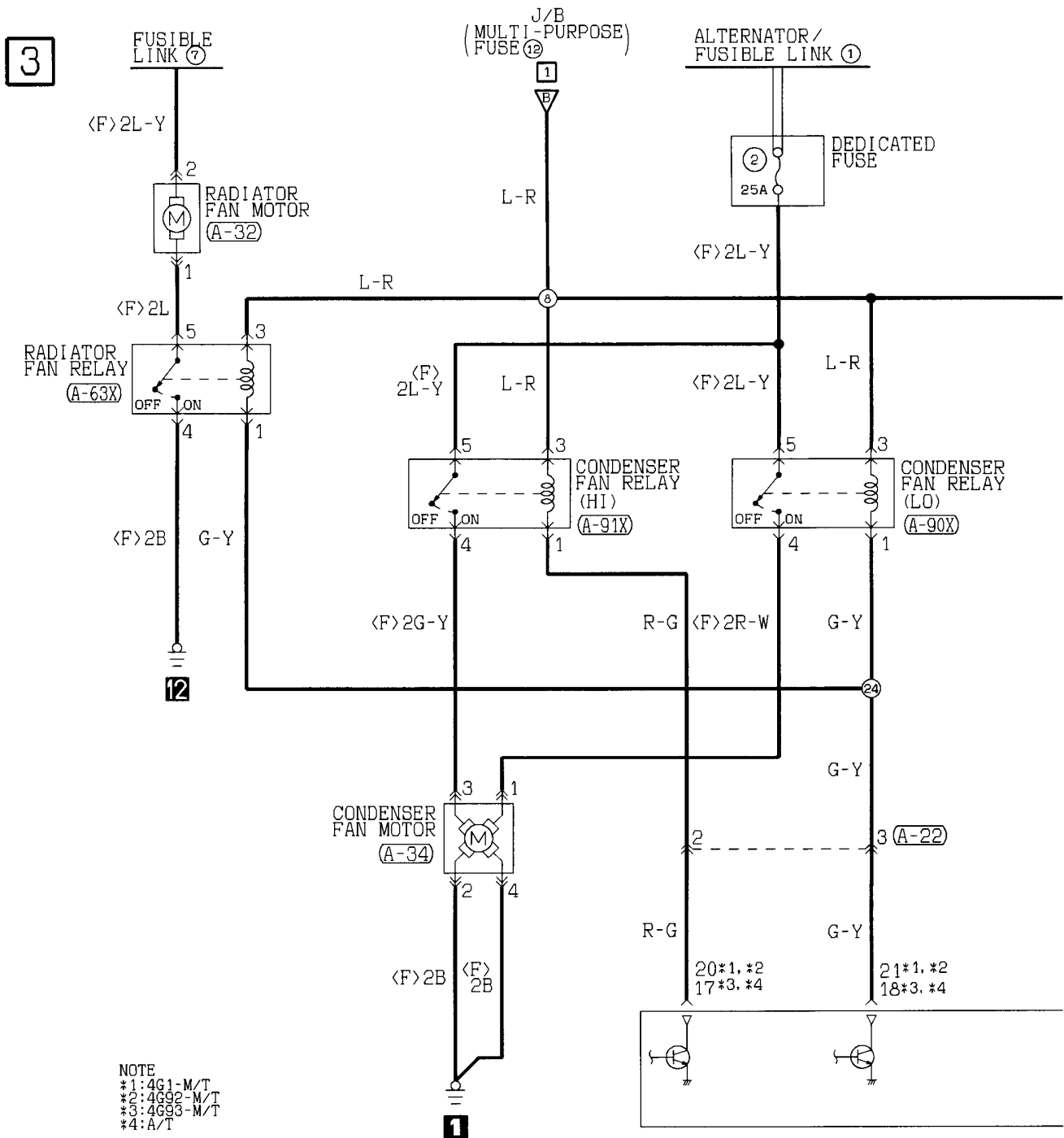
B-116 (MU803783)

71	72	73	74	75	76	77
78	79	80	81	82	83	84
85	86	87	88	89	90	91
92	93	94	95	96	97	98
99	100	101	102	103	104	105

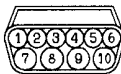
B-139 (MU801822)

31	32	33	34	35	36	37	38
39	40	41	42	43	44	45	46

AUTOMATIC AIR CONDITIONER <Petrol-powered vehicles> (CONTINUED)



(A-22)
MU802355



(A-32)
MU802601



(A-34)
MU802665



(A-63X)
MU802653



(A-81)
MU802653



(A-90X)
MU802653



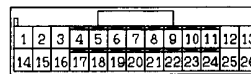
(A-91X)
MU802653



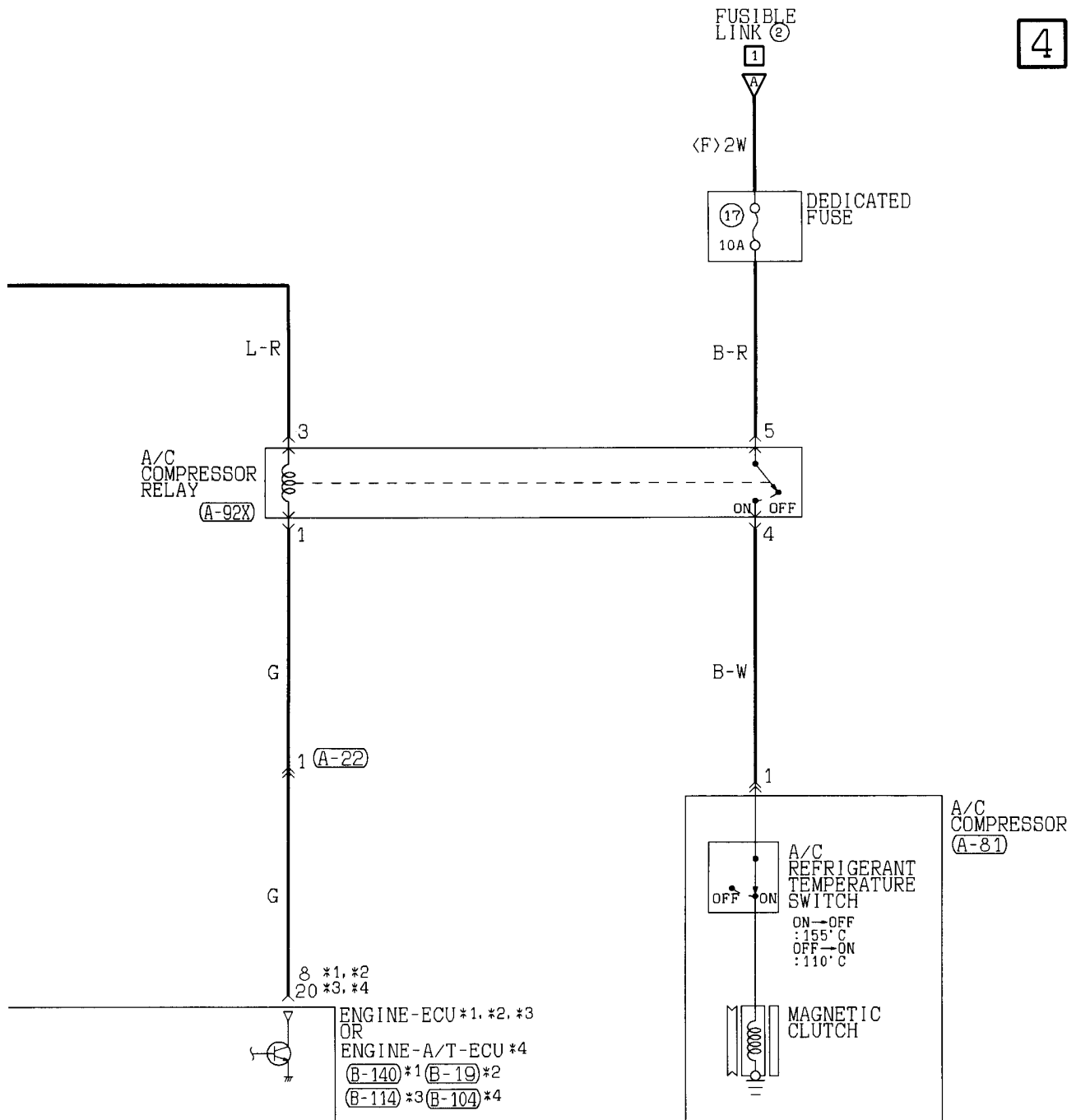
(A-92X)
MU802653



(B-19) (MU803773)



4



(B-104) (MU803784)

1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32
33	34	35					

(B-114) (MU803784)

1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32
33	34	35					

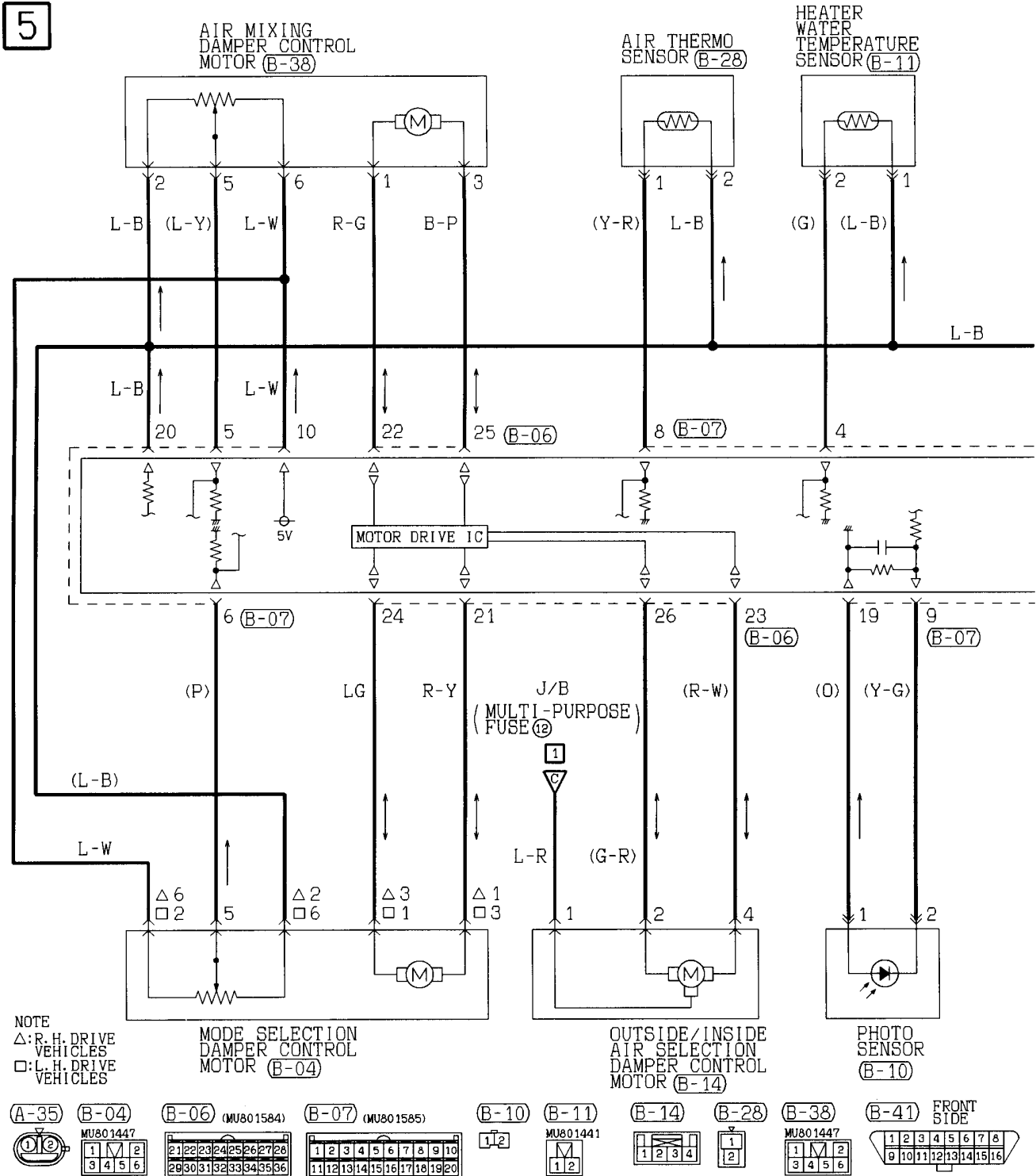
(B-140) (MU801824)

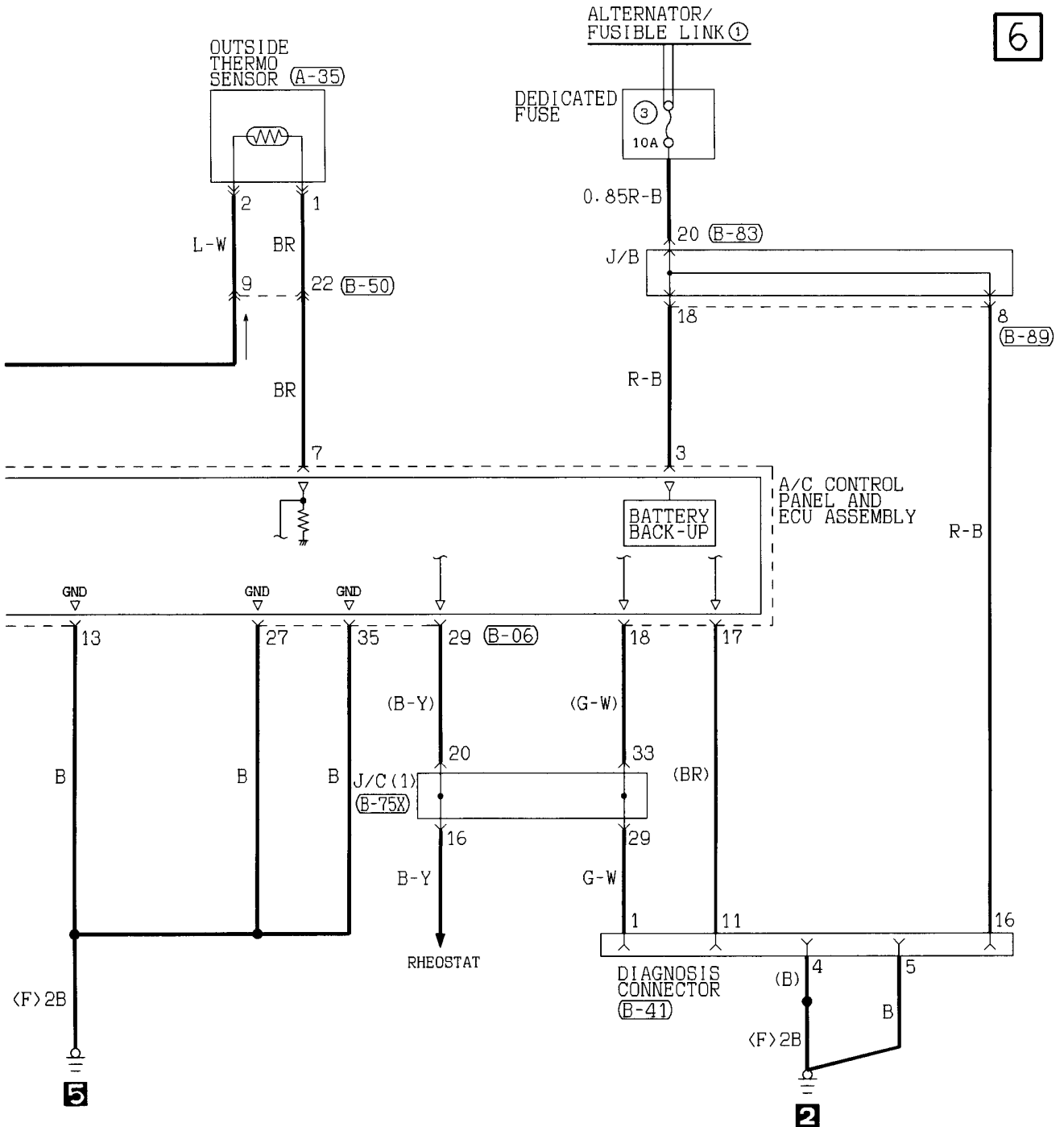
1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32
33	34	35					

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

H2T12E01BB

AUTOMATIC AIR CONDITIONER <Petrol-powered vehicles> (CONTINUED)





(B-50)

MU801461

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22								

(B-75X)

MU801457

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33							

(B-83)

MU801457

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

(B-89)

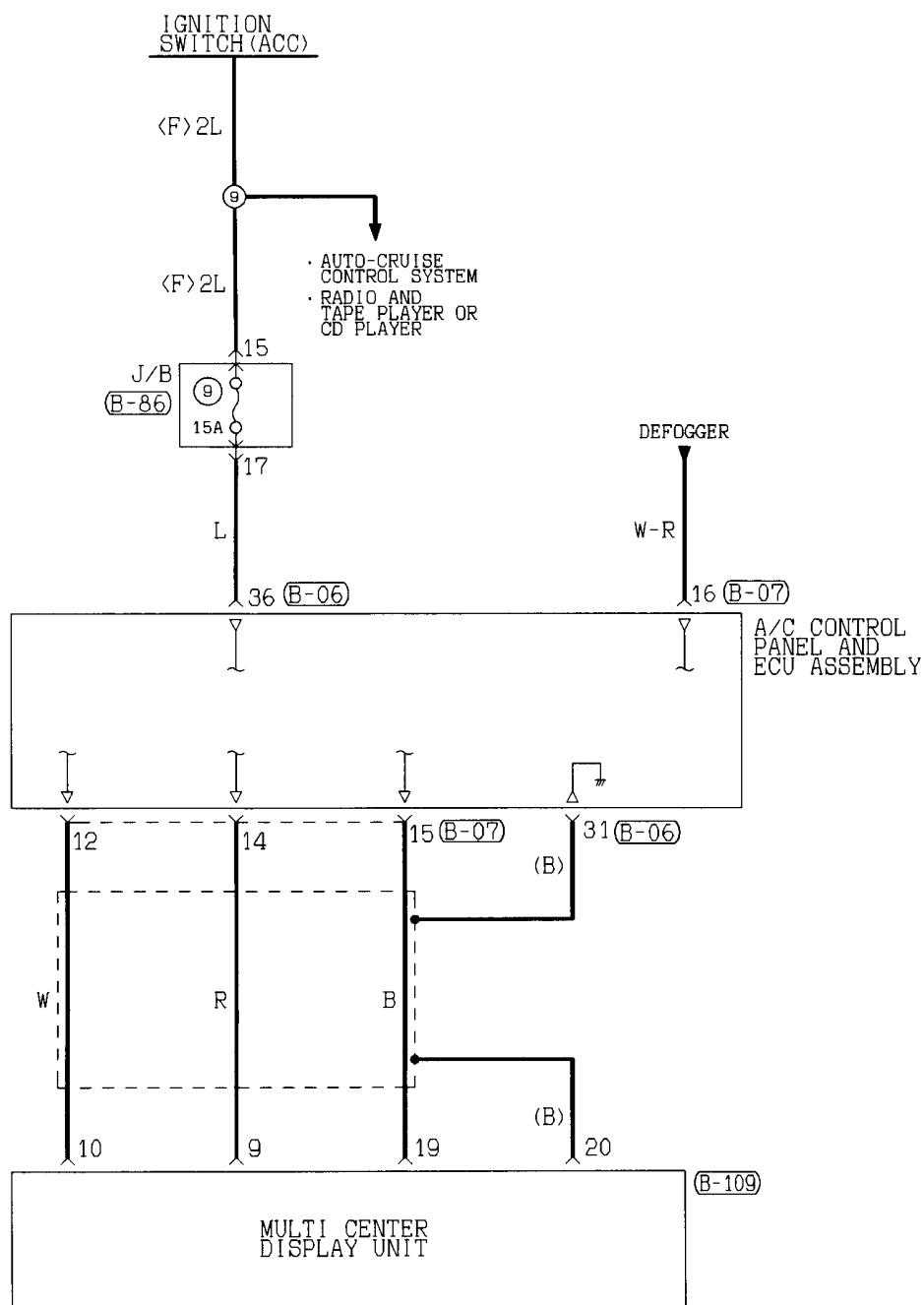
MU801461

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22								

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

7



(B-109) (MU801585)

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

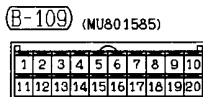
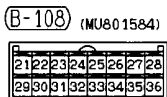
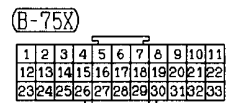
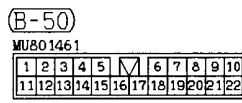
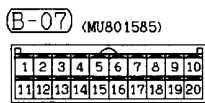
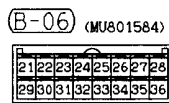
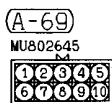
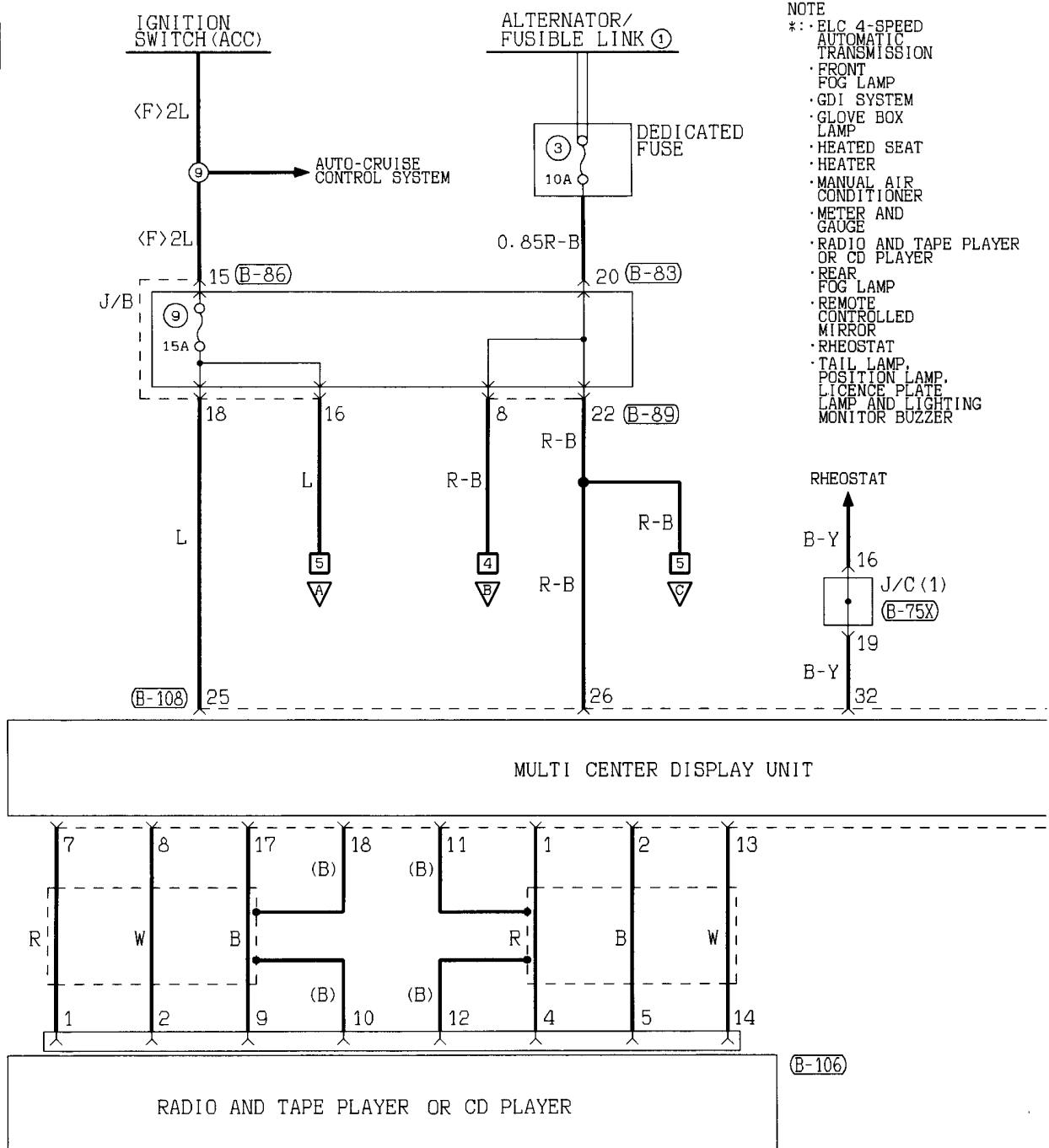
SB: Sky blue

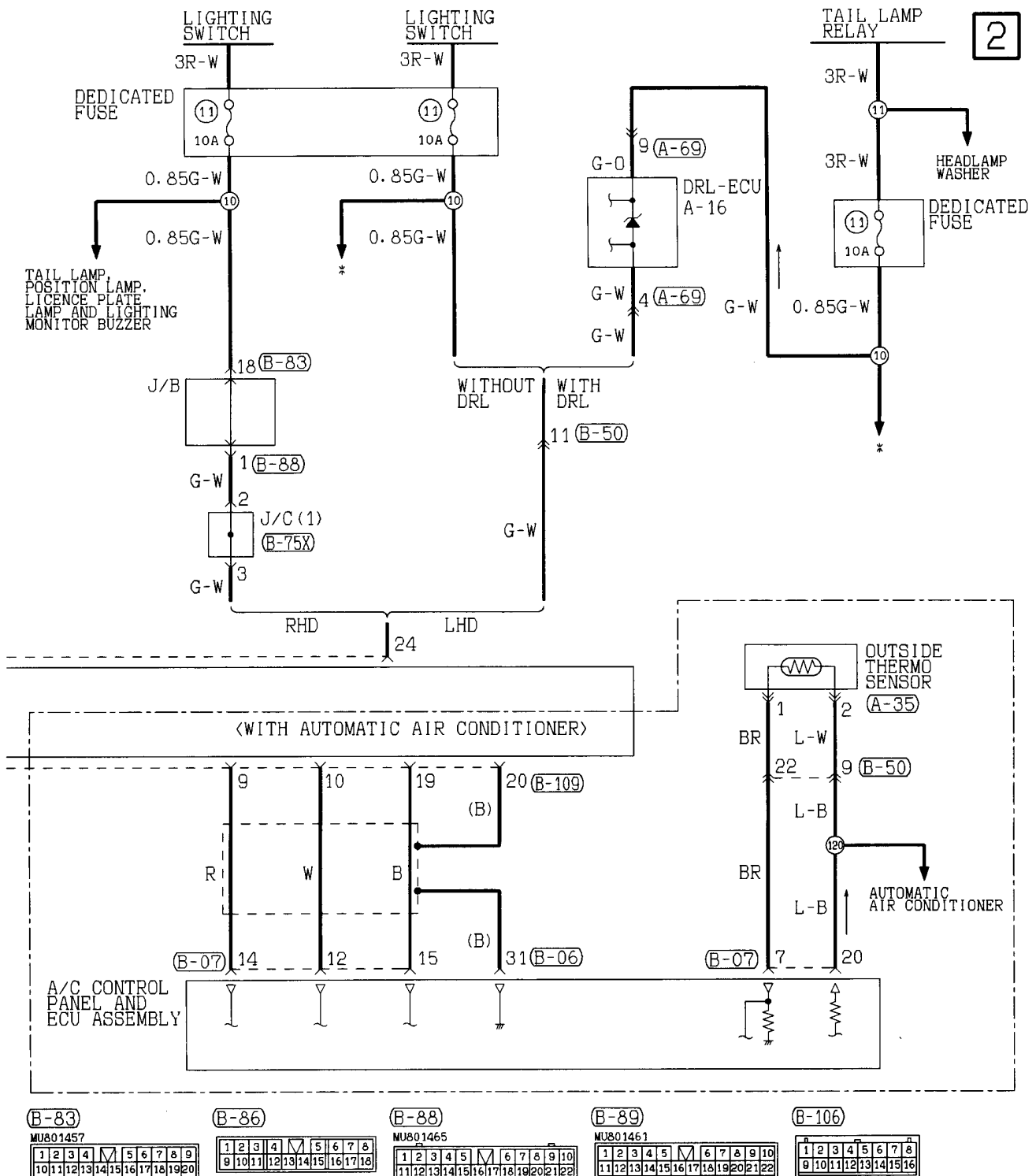
NOTES

MULTI CENTER DISPLAY

Petrol-powered vehicles

1

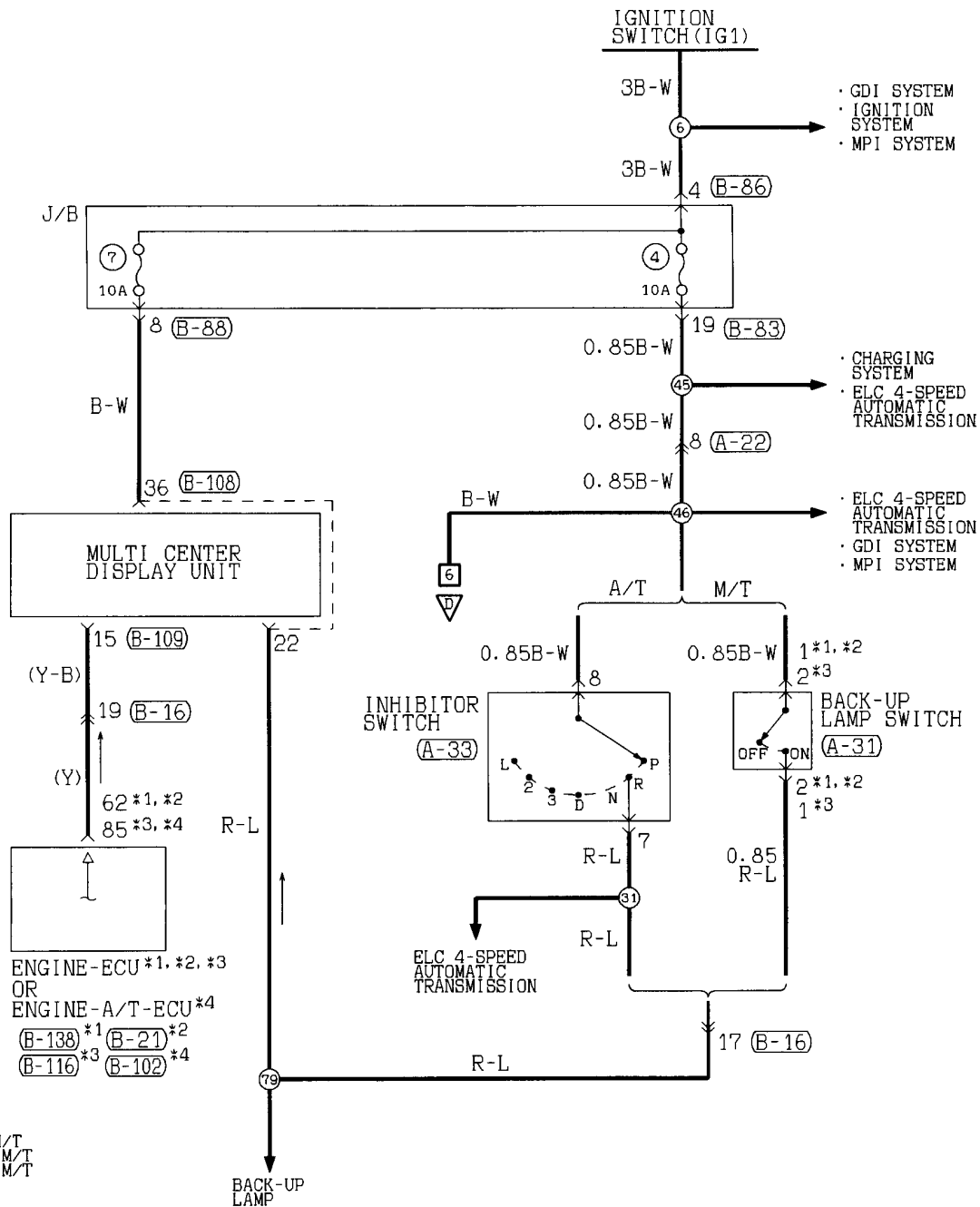
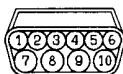
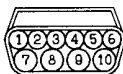
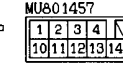
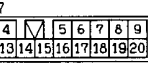
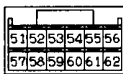




Wire colour code
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

MULTI CENTER DISPLAY <Petrol-powered vehicles> (CONTINUED)

3

(A-22)
MU802355(A-31)
*1, *2
MU802601(A-33)
*3 MU802355(A-35)
MU801457(B-16)
MU801457(B-21)
(MU803770)

(B-102) (MU803782)

71	72	73	74	75	76	77
78	79	80	81	82	83	84
85	86	87	88	89	90	91
92	93	94	95	96	97	98

(B-108) (MU801584)

21	22	23	24	25	26	27	28
29	30	31	32	33	34	35	36

(B-109) (MU801585)

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

(B-116) (MU803783)

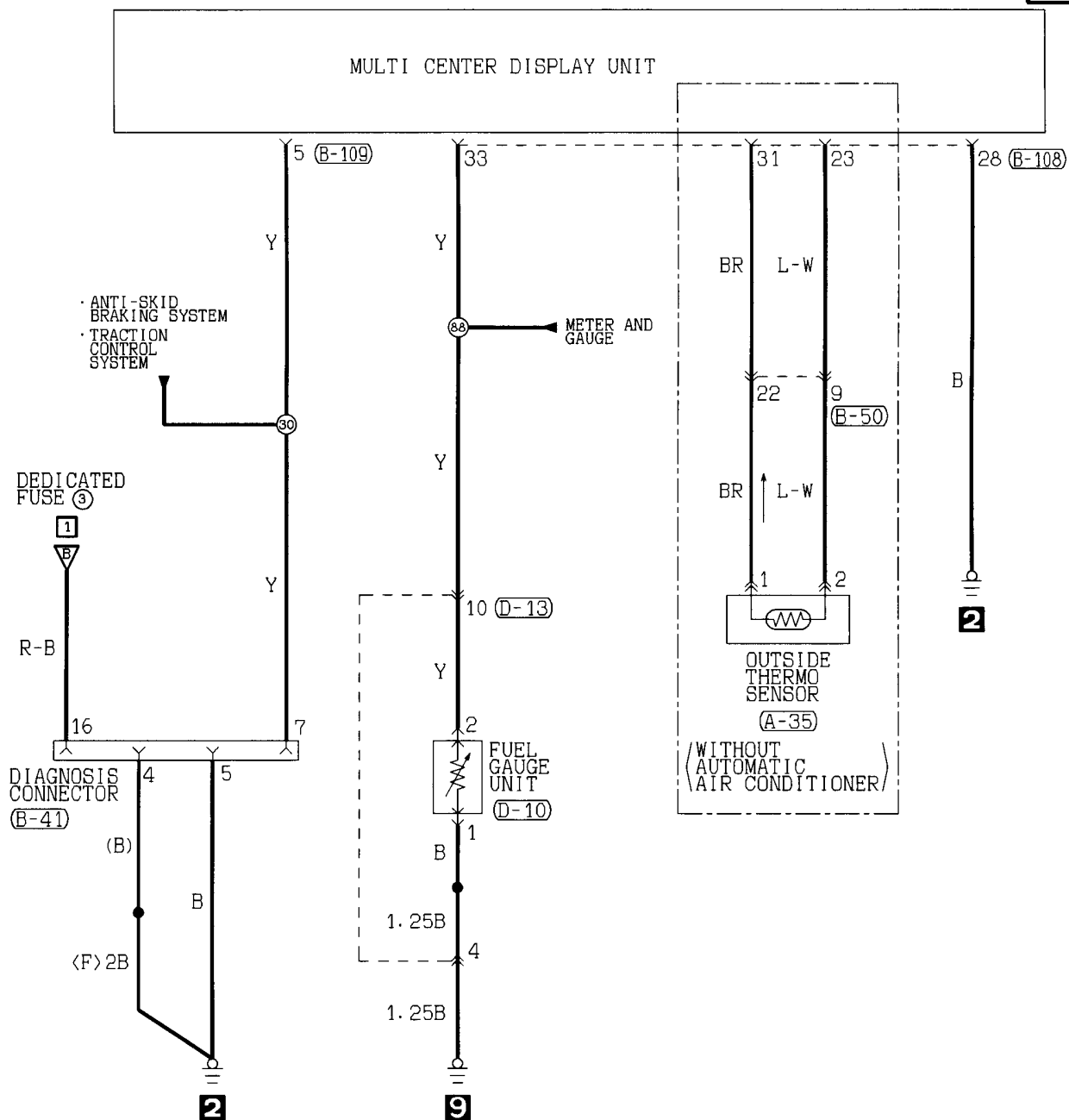
71	72	73	74	75	76	77
78	79	80	81	82	83	84
85	86	87	88	89	90	91
92	93	94	95	96	97	98
99	100					

(B-138)
(MU801820)

51	52	53	54	55	56
57	58	59	60	61	62

H2T 14E02BA

4



B-41 FRONT SIDE

1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16

B-50

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22								

B-83

1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18
19	20							

B-86

1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16
17	18						

B-88

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22								

D-10 D-13

1	2	3	4
5	6	7	8
9	10		

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

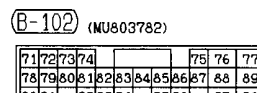
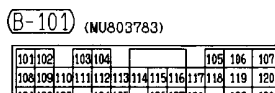
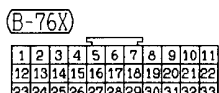
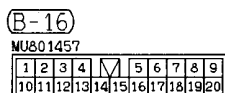
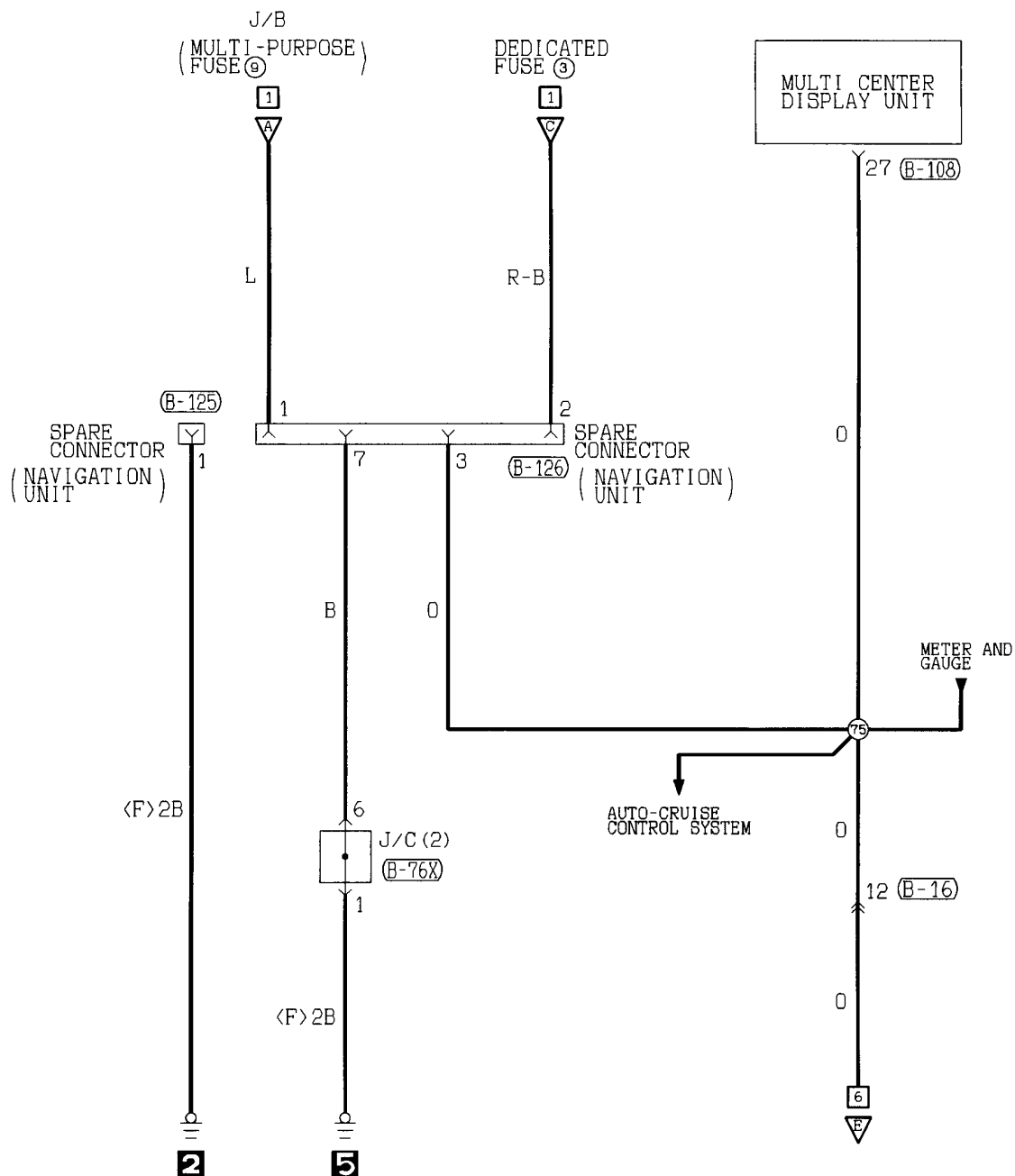
P : Pink

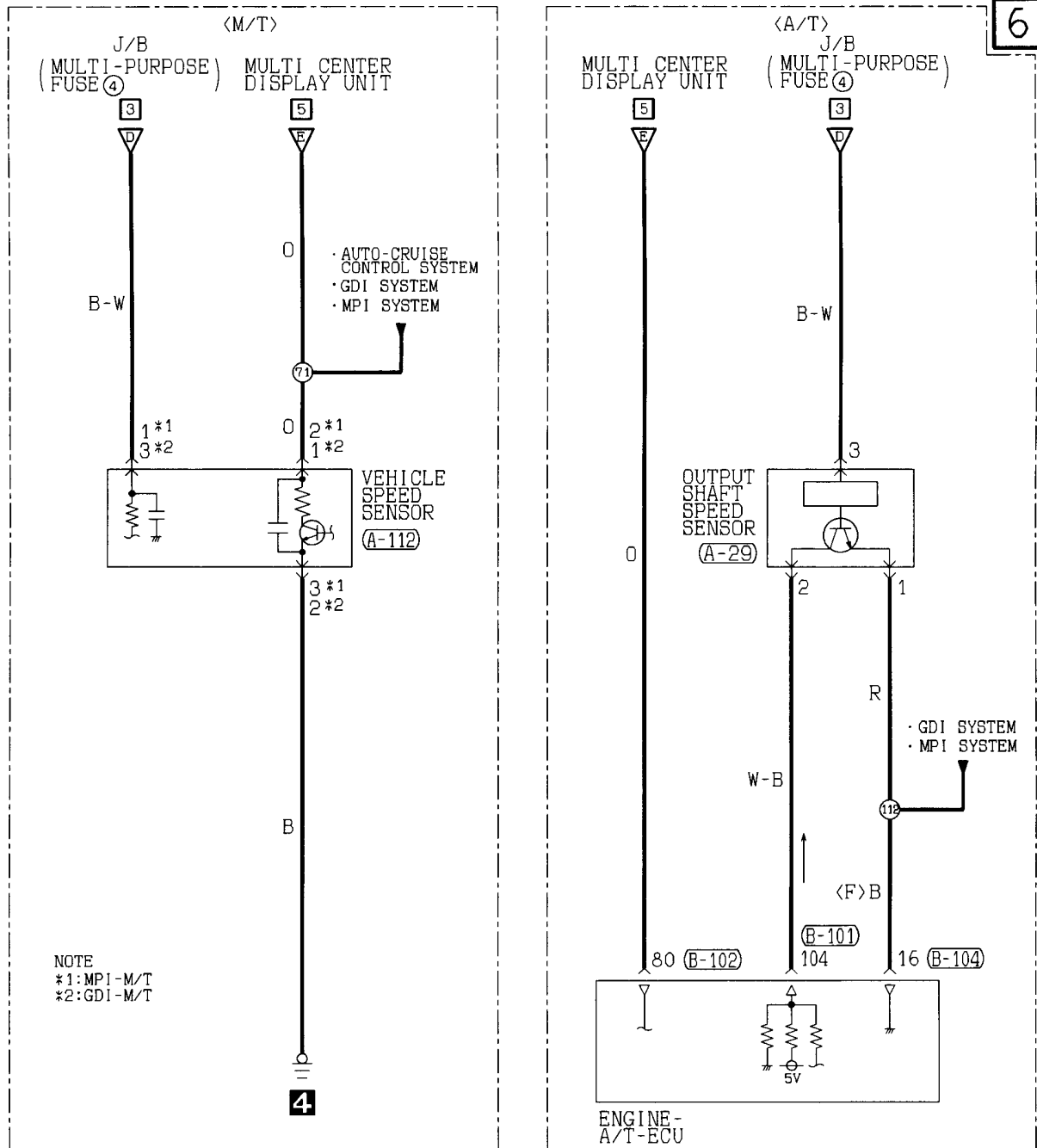
V : Violet

H2T14E02BB

MULTI CENTER DISPLAY <Petrol-powered vehicles> (CONTINUED)

5





(B-104) (MU803784)

1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32
33	34	35					

(B-108) (MU801584)

1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16

(B-125) MU801211

1

(B-126) MU801583

1	2	3	4	5	6
7	8	9	10	11	12

Wire colour code

B : Black LG : Light green

G : Green GR : Gray

L : Blue R : Red

W : White P : Pink

Y : Yellow V : Violet

SB : Sky blue

IMMOBILIZER SYSTEM

Petrol-powered vehicles

1

