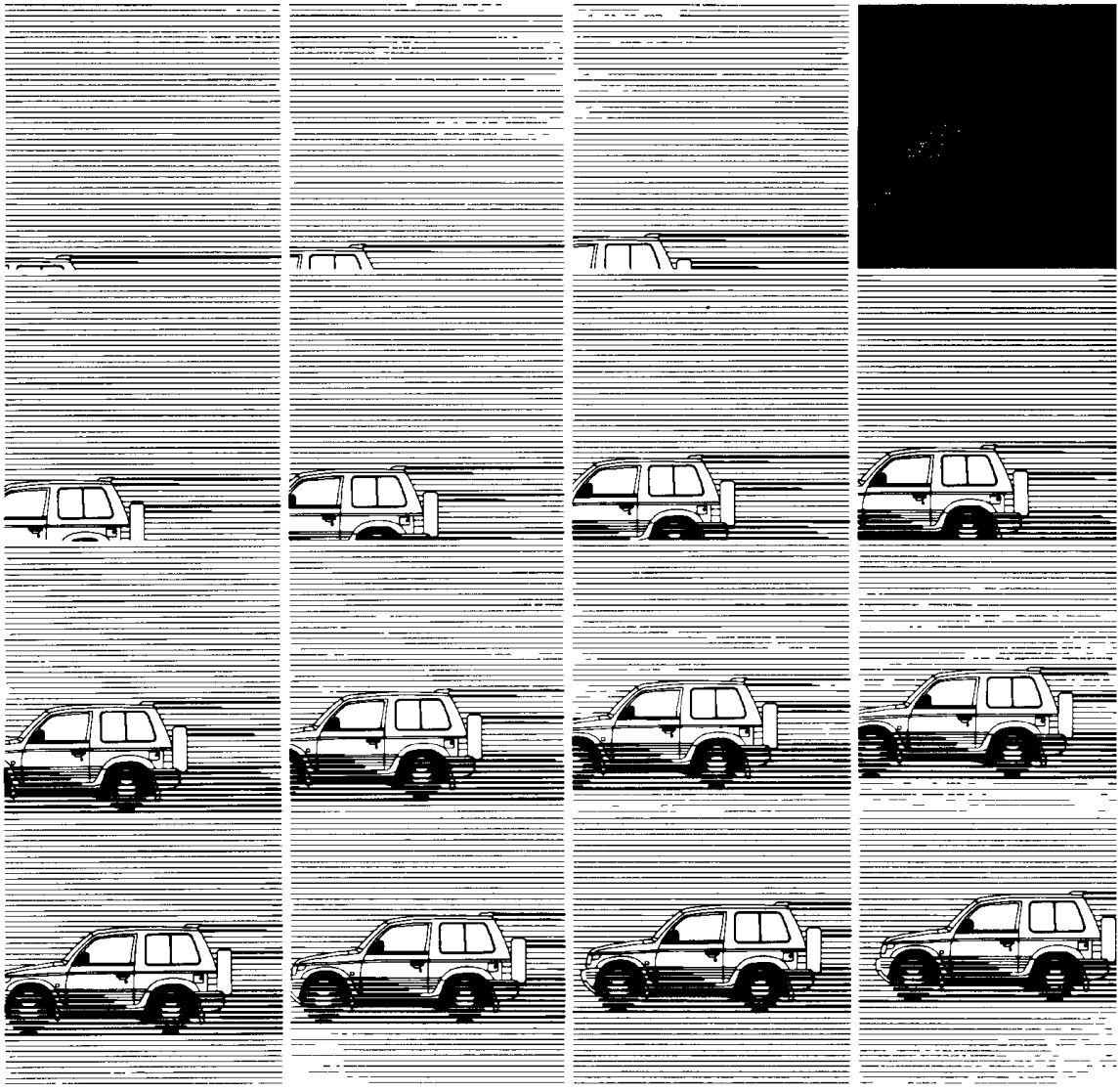
MITSUBISHI MOTORS

Workshop Manual

electrical wiring

SUPPLEMENT

PAJERO '97



Pub. No. PHJE9026-F

MITSUBISHI PAJERO

ELECTRICAL WIRING SUPPLEMENT

FOREWORD

This publication is a supplement to the Electrical Wiring Manual Pub. No. PHJE9026 and contains only additions and changes to the original issue. It is recommended that all service mechanics engaged in the servicing of the vehicle refer to the following publications as well as this manual.

TECHNICAL INFORMATION MANUAL
PYJE9002
WORKSHOP MANUAL
ENGINE GROUP PWEE□□□□
(Looseleaf edition)
CHASSIS GROUP
PWJE9086
(Looseleaf edition)
PWJE9086-G (Supplement)
PWJE9086-H (Supplement)
ELECTRICAL WIRING
PHJE9026
(Looseleaf edition)
PHJE9026-D (Supplement)
PHJE9026-E (Supplement)
PARTS CATALOGUE
B6035607A□

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 MOTORS CORPORATION

GROUP INDEX

OUTLINE OF CHANGES 0
HOW TO READ THE WIRING DIAGRAMS 1
WIRING HARNESS CONFIGURATION DIAGRAMS 2
SINGLE PART INSTALLATION POSITION 3
CIRCUIT DIAGRAM 4

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HOW TO USE THIS MANUAL

CONTENTS

The preceding page contains GROUP INDEX which 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 numbers 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
SINGLE PART INSTALLATION POSITION 2
CIRCUIT DIAGRAM 3
TABLE OF CIRCUIT DIAGRAMS 5

WIRING HARNESS CONFIGURATION DIAGRAMS

Wiring harness configuration diagrams				Description of changes
Connector symbol	Name		Reference page	
A	ENGINE COMPARTMENT	L.H. drive vehicles with 6G72 engine	–	The following connectors have been abolished • Front impact sensor (LH) (A-28) • Front impact sensor (RH) (A-54)
		R.H. drive vehicles with 6G72 engine	–	The following connectors have been abolished • Front impact sensor (LH) (A-28) • Front impact sensor (RH) (A-54)
		L.H. drive vehicles with 6G74 engine	–	The following connectors have been abolished • Front impact sensor (LH) (A-28) • Front impact sensor (RH) (A-54)
		R.H. drive vehicles with 6G74 engine	–	The following connectors have been abolished • Front impact sensor (LH) (A-28) • Front impact sensor (RH) (A-54)
		L.H. drive vehicles with 4D56 engine	–	The following connectors have been abolished • Front impact sensor (LH) (A-28) • Front impact sensor (RH) (A-54)
		R.H. drive vehicles with 4D56 engine	–	The following connectors have been abolished • Front impact sensor (LH) (A-28) • Front impact sensor (RH) (A-54)
		L.H. drive vehicles with 4M40 engine	–	The following connectors have been abolished • Front impact sensor (LH) (A-28) • Front impact sensor (RH) (A-54)
		R.H. drive vehicles with 4M40 engine	–	The following connectors have been abolished • Front impact sensor (LH) (A-28) • Front impact sensor (RH) (A-54)
C	DASH PANEL	L.H. drive vehicles	2-2, 3, 4, 5	The following connectors have been added • Engine control relay (C-126) • Fuel pump relay <petrol> (C-127) • SRS-ECU (C-128)
		R.H. drive vehicles	2-6, 7, 8, 9	The following connectors have been added. • Engine control relay (C-126) • Fuel pump relay <petrol> (C-127) • SRS-ECU (C-128)

SINGLE PART INSTALLATION POSITION

Location of changes	Reference page	Description of changes
RELAY	3-2	The engine control relay (C-30) has been separated into an engine control relay (C-126) and a fuel pump relay (C-127)
CONTROL UNIT	3-2	The SRS diagnosis unit (C-48, C-49, C-123) has been changed to the SRS-ECU (C-128).

CIRCUIT DIAGRAM

Circuit diagrams			Description of changes
Main title	Sub title	Reference page	
POWER DISTRIBUTION SYSTEM	Petrol-powered vehicles	4-4	The diameter of the wiring harness which connects the ignition switch and dedicated fuse (9) has been changed.
	Diesel-powered vehicles	4-10	The diameter of the wiring harness which connects the ignition switch and dedicated fuse (9) has been changed.
GLOW SYSTEM	4M40 engine <without supercharging pressure solenoid valve>	4-16	The circuit has been changed to correspond to changes in the brake warning lamp circuit.
	4M40 engine <with supercharging pressure solenoid valve>	4-18	
MPI SYSTEM	6G72 engine-M/T <Vehicles without immobilizer system>	4-20	• The engine control relay has been separated into an engine control relay and fuel pump relay. • The diameter of the wiring harness which connects the engine control unit and the power steering oil pressure switch has been changed. • The diameter of the wiring harness which connects the ignition switch (IG1) and the capacitor has been changed. <LHD> • The diameter of the wiring harness which connects the capacitor and the earth has been changed. <LHD> • The line between the engine control relay and the purge control solenoid valve has been changed. <LHD> • The injector wiring harness has been changed.
	6G72 engine-M/T <Vehicles with immobilizer system>	4-28	
	6G72 engine-A/T <Vehicles without immobilizer system>	4-36	
	6G72 engine-A/T <Vehicles with immobilizer system>	4-44	
	6G74 engine-M/T <Vehicles without immobilizer system>	4-52	• The engine control relay has been separated into an engine control relay and fuel pump relay. • The diameter of the wiring harness which connects the engine control unit and the power steering oil pressure switch has been changed.
	6G74 engine-M/T <Vehicles with immobilizer system>	4-62	
	6G74 engine-A/T <Vehicles without immobilizer system>	4-72	
	6G74 engine-A/T <Vehicles with immobilizer system>	4-82	
METER AND GAUGE	Low engine oil level warning lamp	4-92	The number of terminals in the J/C (2) has been changed. <RHD>
	Brake warning lamp	4-93	The line between the glow control unit and the parking brake switch has been changed.
SINGLE AIR CONDITIONER	L.H. drive vehicles <petrol-powered vehicles>	4-94	The line between the A/C control unit and the earth has been changed.
	L.H. drive vehicles <diesel-powered vehicles>	4-98	
	R.H. drive vehicles <petrol-powered vehicles>	4-102	
	R.H. drive vehicles <diesel-powered vehicles>	4-106	

Circuit diagrams			Description of changes
Main title	Sub title	Reference page	
DUAL AIR CONDITIONER	L.H. drive vehicles without rear heater <petrol-powered vehicles>	4-110	The line between the A/C control unit and the earth has been changed.
	L.H. drive vehicles without rear heater <diesel-powered vehicles>	4-116	
	L.H. drive vehicles with rear heater <petrol-powered vehicles>	4-122	
	L.H. drive vehicles with rear heater <diesel-powered vehicles>	4-130	
	R.H. drive vehicles without rear heater <petrol-powered vehicles>	4-138	
	R.H. drive vehicles without rear heater <diesel-powered vehicles>	4-144	
	R.H. drive vehicles with rear heater <petrol-powered vehicles>	4-150	
	R.H. drive vehicles with rear heater <diesel-powered vehicles>	4-158	
SUN ROOF	2-door models	4-166	The diameter of the wiring harness which connects the ignition switch and dedicated fuse (9) has been changed.
	4-door models	4-168	
	Canvas top	4-169	
INTERCOOLER FAN	–	4-170	The diameter of the wiring harness which connects the ignition switch (IG1) and the intercooler fan control unit has been changed.
LIGHTING MONITOR BUZZER	–	4-171	• The diameter of the wiring harness which connects the ignition switch (IG1) and the intercooler fan control unit has been changed. • The number of terminals in the J/C (2) has been changed.
SUPPLEMENTAL RESTRAINT SYSTEM	–	4-172	The circuit has been cahnged to correspond to changes in the SRS-ECU.
IMMOBILIZER SYSTEM	Petrol-powered vehicles	4-174	The diameter of the wiring harness which connects the ignition switch (IG1) and the immobilizer-ECU has been changed.
	Diesel-powered vehicles	4-176	

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 in this manual.
(2) R (Revised) :This circuit has been changed, and is included in this manual.
(3) D (Deleted) :This circuit has been deleted in this manual.
(4) I (Included) :This circuit is included in this manual.
(5) N (Not included) :This circuit is not included in this manual.
(6) P (Previous manual) :This circuit in not included in this manual, because it has been changed. Refer to this previous manuals.

Main circuit	Circuit classifications	Pub No. PHJE9026-C '94 model (Basic)	Pub. No. PHJE9026-D (Supplement)	Pub. No. PHJE9026-E (Supplement)	Pub. No. PHJE9026-F (Supplement)
JUNCTION BLOCK	-	I	P	R	P
CENTRALIZED JUNCTION	-	I	P	R	P
POWER DISTRIBUTION SYSTEM	Petrol-powered vehicles	I	P	R	R
	Diesel-powered vehicles	I	P	R	R
STARTING SYSTEM	4G64 engine	I	D	N	N
	6G72, 6G74 engine	I	R	P	P
	4D56, 4M40 engine	I	P	P	P
IGNITION SYSTEM	4G64 engine	I	D	N	N
	6G72 engine	I	D	N	N
	6G74 engine	I	D	N	N
	6G72, 6G74 engine	N	A	P	P
CHARGING SYSTEM	4G64, 6G72 engine	I	D	N	N
	6G74 engine	I	D	N	N
	6G72, 6G74 engine	N	A	P	P
	4D56, 4M40 engine	I	P	P	P
GLOW SYSTEM	4D56 engine <without supercharging pressure relief solenoid valve>	I	P	P	P
	4D56 engine <with supercharging pressure relief solenoid valve>	I	P	P	P
	4M40 engine <without supercharging pressure relief solenoid valve>	I	R	P	R
	4M40 engine <with supercharging pressure relief solenoid valve>	I	R	P	R
MPI SYSTEM	4G64 engine-M/T	I	D	N	N
	6G72 engine-M/T	I	R	D	N
	6G72 engine-A/T	I	R	D	N
	6G74 engine-M/T	I	R	D	N
	6G74 engine-A/T	I	R	D	N

Main circuit	Circuit classifications	Pub. No. PHJE9026-C '94 model (Basic)	Pub. No. PHJE9026-D (Supplement)	Pub. No. PHJE9026-E (Supplement)	Pub. No. PHJE9026-F (Supplement)
MPI SYSTEM	6G72 engine-M/T <Vehicles without immobilizer system>	N	N	A	R
	6G72 engine-M/T <Vehicles with immobilizer system>	N	N	A	R
	6G72 engine-A/T <Vehicles without immobilizer system>	N	N	A	R
	6G72 engine-A/T <Vehicles with immobilizer system>	N	N	A	R
	6G74 engine-M/T <Vehicles without immobilizer system>	N	N	A	R
	6G74 engine-M/T <Vehicles with immobilizer system>	N	N	A	R
	6G74 engine-A/T <Vehicles without immobilizer system>	N	N	A	R
	6G74 engine-A/T <Vehicles with immobilizer system>	N	N	A	R
OVER DRIVE CONTROL SYSTEM	6G72 engine	I	D	N	N
ELC-4A/T	6G72, 6G74 engine	N	A	R	P
	6G74 engine	I	D	N	N
	4M40 engine	I	P	R	P
HEAD LAMP	L.H. drive vehicles without daytime running lamp <without SRS>	I	P	P	P
	L.H drive vehicles without daytime running lamp <with SRS>	I	P	P	P
	L.H. drive vehicles with daytime running lamp <without SRS>	I	P	P	P
	L.H. drive vehicles with daytime running lamp <with SRS>	I	P	P	P
	R.H. drive vehicles without SRS	I	P	P	P
	R.H. drive vehicles with SRS	I	P	P	P
HEAD LAMP LEVELING SYSTEM	-	I	P	P	P
TAIL LAMP, CLEARANCE LAMP, LICENCE PLAT LAMP	-	I	P	P	P
REAR FOG LAMP	L.H. drive vehicles <without SRS>	I	P	R	P
	L.H. drive vehicles <with SRS>	I	P	R	P
	R.H. drive vehicles <without SRS>	I	P	P	P
	R.H. drive vehicles <with SRS>	I	P	P	P
ROOM LAMP	Canvas top	I	P	P	P
	2-door models without sunroof	I	P	P	P
	2-door models with sunroof	I	P	P	P
	4-door models	I	P	P	P

Main circuit	Circuit classifications	Pub. No. PHJE9026-C '94 model (Basic)	Pub. No. PHJE9026-D (Supplement)	Pub. No. PHJE9026-E (Supplement)	Pub. No. PHJE9026-F (Supplement)
DOOR LAMP	L.H. drive vehicles	N	N	A	P
	R.H. drive vehicles	N	N	A	P
IGNITION KEY CYLINDER ILLUMINATION LAMP	L.H. drive vehicles	I	P	R	P
	R.H. drive vehicles	I	P	P	P
TURN-SIGNAL LAMP AND HAZARD LAMP	–	I	P	P	P
STOP LAMP	–	I	P	P	P
BACK-UP LAMP	M/T	I	P	P	P
	A/T	I	R	P	P
HORN	Vehicles without SRS	I	P	P	P
	Vehicles with SRS	I	P	P	P
METER AND GAUGE	4G64 engine	I	D	N	N
	6G72, 6G74 engine	I	R	P	P
	4D56, 4M40 engine	I	P	P	P
LOW FUEL WARNING LAMP	–	I	P	P	P
FUEL FILTER WARNING LAMP	–	I	P	P	P
OIL PRESSURE WARNING LAMP	–	I	P	P	P
LOW ENGINE OIL LEVEL WARNING LAMP	–	I	P	P	R
BRAKE WARNING LAMP	–	I	P	P	R
MULTI-METER	Vehicles without electronic compass	I	P	P	P
	Vehicles with electronic compass	I	P	R	P
POWER WINDOWS	L.H. drive vehicles <2-door models>	I	P	P	P
	L.H. drive vehicles <4-door models>	I	P	P	P
	R.H. drive vehicles <2-door models>	I	P	P	P
	R.H. drive vehicles <4-door models>	I	P	P	P
CENTRAL DOOR LOCKING SYSTEM	L.H. drive vehicles	I	P	P	P
	L.H. drive vehicles with keyless entry system	N	N	A	P
	R.H. drive vehicles	I	I	P	P
	R.H. drive vehicles with keyless entry system	N	N	A	P

Main circuit	Circuit classifications	Pub. No. PHJE9026-C '94 model (Basic)	Pub. No. PHJE9026-D (Supplement)	Pub No. PHJE9026-E (Supplement)	Pub. No. PHJE9026-F (Supplement)
HEATER	L.H. drive vehicles without rear heater	I	P	P	P
	L.H drive vehicles with rear heater <without dual air conditioner>	I	P	P	P
	L.H. drive vehicles with rear heater <with dual air conditioner>	I	P	P	P
	R.H. drive vehicles without rear heater	I	P	P	P
	R H. drive vehicles with rear heater <without dual air conditioner>	I	P	P	P
	R.H. drive vehicles with rear heater <with dual air conditioner>	I	P	P	P
SINGLE AIR CONDITIONER	L.H. drive vehicles <4G64, 6G72 engine>	I	R	D	N
	L.H. drive vehicles <6G74 engine>	I	R	D	N
	L.H. drive vehicles <petrol-powered vehicles>	N	N	A	R
	L.H. drive vehicles <diesel-powered vehicles>	I	P	P	R
	R.H. drive vehicles <petrol-powered vehicles>	I	R	R	R
	R.H. drive vehicles <diesel-powered vehicles>	I	P	P	R
DUAL AIR CONDITIONER	L.H. drive vehicles without rear heater <petrol-powered vehicles>	I	R	R	R
	L.H. drive vehicles without rear heater <diesel-powered vehicles>	I	P	P	R
	L.H. drive vehicles with rear heater <petrol-powered vehicles>	I	R	R	R
	L.H. drive vehicles with rear heater <diesel-powered vehicles>	I	P	P	R
	R.H. drive vehicles without rear heater <petrol-powered vehicles>	I	R	R	R
	R.H. drive vehicles without rear heater <diesel-powered vehicles>	I	P	P	R
	R H. drive vehicles with rear heater <petrol-powered vehicles>	I	R	R	R
	R.H. drive vehicles with rear heater <diesel-powered vehicles>	I	P	P	R
WINDSHIELD WIPER AND WASHER	Vehicles without SRS	I	P	P	P
	Vehicles with SRS	I	P	P	P
REAR WIPER AND WASHER	Vehicles without SRS	I	P	P	P
	Vehicles with SRS	I	P	P	P
HEAD LAMP WASHER	–	I	P	P	P
DEFOGGER AND DOOR MIRROR HEATER	–	I	P	R	P
WIPER DEICER	–	I	P	R	P
REMOTE CONTROLLED MIRROR	–	I	P	P	P

Main circuit	Circuit classifications	Pub. No. PHJE9026-C '94 model (Basic)	Pub. No. PHJE9026-D (Supplement)	Pub. No. PHJE9026-E (Supplement)	Pub. No. PHJE9026-F (Supplement)
RADIO AND TAPE PLAYER	L.H. drive vehicles <AM/FM radio>	I	P	D	N
	AM/FM radio	N	N	A	P
	L.H. drive vehicles <LW/MW/FM radio and tape player>	I	P	D	N
	LW/MW/FM radio and tape player	N	N	A	P
	L.H. drive vehicles <AM/FM radio and tape player>	I	P	P	P
	R.H. drive vehicles <AM/FM radio>	I	P	D	N
	R.H. drive vehicles <LW/MW/FM radio and tape player>	I	P	D	N
	R.H. drive vehicles <AM/FM radio and tape player>	I	P	R	P
CLOCK	L.H. drive vehicles	I	P	P	P
	R.H. drive vehicles	I	P	P	P
CIGARETTE LIGHTER	–	I	P	P	P
ACCESSORY SOCKET	–	I	P	P	P
SUNROOF	Canvas top	I	P	P	R
	2-door models	N	N	A	R
	4-door models	I	P	P	R
INTERCOOLER FAN	–	I	P	R	R
REAR DIFFERENTIAL LOCK SYSTEM	L.H. drive vehicles	I	P	P	P
	R H. drive vehicles	I	P	P	P
PART TIME 4WD SYSTEM	–	I	P	R	P
SUPER SELECT 4WD SYSTEM	–	I	P	P	P
REMOTE CONTROLLED VARIABLE SHOCK ABSORBERS SYSTEM	–	I	P	R	P
ANTI-LOCK BRAKE SYSTEM (ABS)	–	I	D	N	N
	L.H. drive vehicles	N	A	R	P
	R.H. drive vehicles	N	A	R	P
AUTO-CRUISE CONTROL SYSTEM	L.H. drive vehicles <petrol-powered vehicles>	I	R	R	P
	L.H. drive vehicles <diesel-powered vehicles>	I	P	R	P
	R.H. drive vehicles <petrol-powered vehicles>	I	R	P	P
	R.H. drive vehicles <diesel-powered vehicles>	I	P	P	P
HEATED SEAT	Vehicles without power seat	I	P	P	P
	Vehicles with power seat	I	P	P	P
POWER SEAT	–	I	P	P	P

Main circuit	Circuit classifications	Pub. No. PHJE9026-C '94 model (Basic)	Pub. No. PHJE9026-D (Supplement)	Pub. No. PHJE9026-E (Supplement)	Pub. No. PHJE9026-F (Supplement)
LIGHTING MONITOR BUZZER	–	I	P	R	R
FUEL LINE HEATER	–	I	P	R	P
SUPPLEMENTAL RESTRAINT SYSTEM (SRS)	Petrol-powered vehicles	I	R	R	D
	Diesel-powered vehicles	I	P	R	D
	–	N	N	N	A
IMMOBILIZER SYSTEM	Petrol-powered vehicles	N	N	A	R
	Diesel-powered vehicles	N	N	A	R

HOW TO READ THE WIRING DIAGRAMS

CONTENTS

MODELS 1-2

HOW TO READ CONFIGURATION DIAGRAMS 1-4

MODELS

<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 intercooler	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 intercooler	V5MT1 (5M/T)	Injection
	NHFL6/R6				
V24WG	NXFL6/R6	Wagon with wide fender			
V26W	NHFL6	Wagon	4M40 (2, 835 mℓ) with turbocharger and intercooler	V5M31 (5M/T)	
V26WG	NXFL6/R6	Wagon with wide fender			
V23W	NHVL6	Wagon	6G72 (2, 972 mℓ)	V5MT1 (5M/T)	MPI
	GNXVL6/R6	Wagon with wide fender			
	GRXVL6/R6			V4AW3 (4A/T)	
V25W	GNXML6/R6		6G74 (3, 497 mℓ)	V5M31 (5M/T)	
	GRXML6/R6			V4AW3 (4A/T)	

<4-DOOR MODELS>

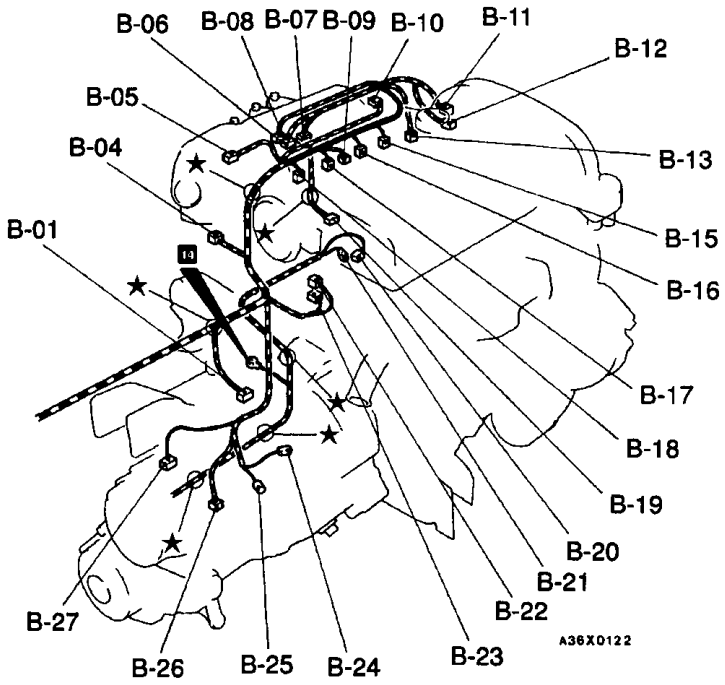
Model code		Body style	Engine model	Transmission model	Fuel supply system
V44W	NDFL6	Wagon	4D56 (2, 477 mℓ) with turbocharger and intercooler	V5MT1 (5M/T)	Injection
	NDFCL6	Wagon without 3rd seat row			
	NHFL6	Wagon			
V44WG	NXFL6/R6	Wagon with wide fender			
V46W	NDFL6	Wagon	4M40 (2, 835 mℓ) with turbocharger and intercooler	V5M31 (5M/T)	
	NDFCL6	Wagon without 3rd seat row			
	NHFL6/R6	Wagon			
	RHFR6			V4AW3 (4A/T)	
V46WG	NXFL6/R6	Wagon with wide fender		V5M31 (5M/T)	
	RXFL6/R6			V4AW3 (4A/T)	
V43W	NHVL6/R6	Wagon	6G72 (2, 972 mℓ)	V5MT1 (5M/T)	MPI
	RHVL6/R6			V4AW3 (4A/T)	
	GNXVL6/R6	Wagon with wide fender		V5MT1 (5M/T)	
	GRXVL6/R6			V4AW3 (4A/T)	
V45W	GNXML6/R6		6G74 (3, 497 mℓ)	V5M31 (5M/T)	
	GRXML6/R6			V4AW3 (4A/T)	

HOW TO READ CONFIGURATION DIAGRAMS

The description method for configuration diagrams has been changed as follows.

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.

Example: A-12
- 12: Number specific to connector (serial number)
- A: Connector location site symbol
  - A: Engine compartment
  - B: Transmission
  - C: Dash panel
  - D: Instrument panel and floor console
  - E: Floor and roof
  - F: Door
  - G: Back door and rear under floor



Indicates the device to which the connector is to be connected.

B-01 (3-B)	Vehicle speed sensor	B-16 (2-GR)	Injector No. 2
B-02 (6)	Distributor assembly	B-17 (2-GR)	Injector No. 3
B-03 (2)	Distributor assembly	B-18 (2-GR)	Injector No. 4
B-04 (6-B)	Idle speed control servo	B-19 (4)	Oxygen sensor (front)
B-05 (4-B)	Throttle position sensor	B-20 (1-BR)	Starter motor

The number of connector pins and the connector colour (except milk white) are shown for ease of retrieval.
*: Typical connector colours
- B: Black
- Y: Yellow
- L: Blue
- G: Green
- R: Red
- BR: Brown
- V: Violet
- O: Orange
- GR: Gray

Example: (2-B)
- 2: Number of connector pins
- B: Connector colour (milk white if no colour is indicated)

WIRING HARNESS CONFIGURATION DIAGRAMS

CONTENTS

DASH PANEL

L.H. drive vehicles 2-2

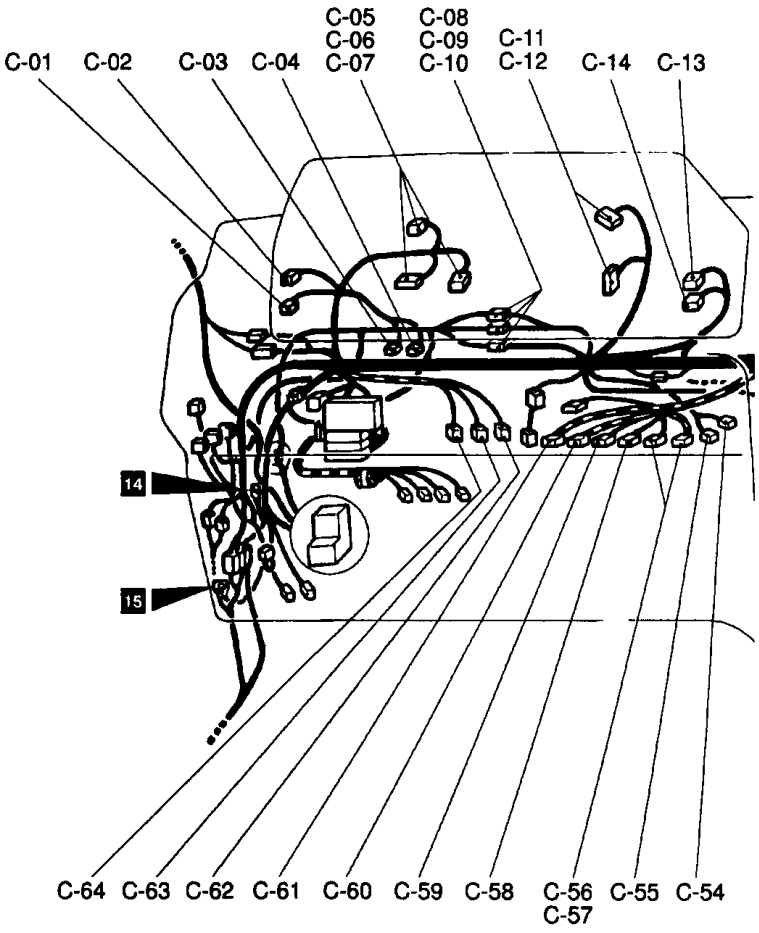
R.H. drive vehicles 2-6

DASH PANEL

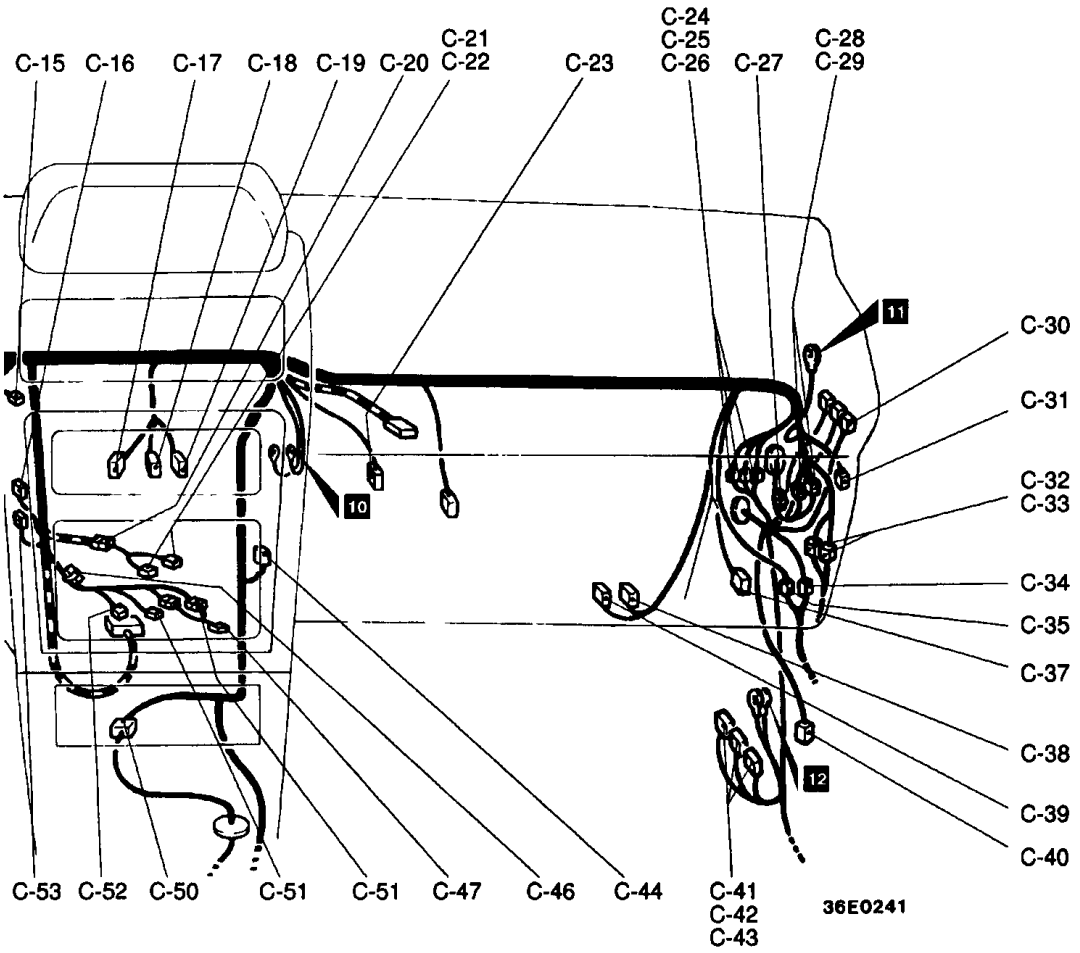
L.H. drive vehicles

Connector symbol

C -01 thru -64



C-01 (8) Auto-cruise control main switch
C-02 (6) Rear fog lamp switch
C-03 (9) Remote controlled mirror switch
C-04 (4) Rheostat or jumper connector
C-05 (14-B) Combination meter
C-06 (2-B) Combination meter
C-07 (12) Combination meter
C-08 (8-B) Front wiring harness and dash wiring harness combination
C-09 (2-B) Front wiring harness and dash wiring harness combination
C-10 (22-B) Front wiring harness and dash wiring harness combination
C-11 (14) Combination meter
C-12 (12-B) Combination meter
C-13 (6-Y) Defogger switch
C-14 (10-G) Hazard switch
C-15 (26-Y) Auto-cruise control unit or spare connector
C-16 (2) Kickdown switch
C-17 (4) A/C switch
C-18 (8) Blower switch
C-19 (2) Blower control illumination lamp
C-20 (14) Dash wiring harness and radio sub wiring harness combination
C-21 (9) Radio
C-22 (5) Radio
C-23 (8-L) A/C unit
C-24 (20-L) Control wiring harness and dash wiring harness combination
C-25 (8-L) Control wiring harness and dash wiring harness combination
C-26 (8-L) Control wiring harness and dash wiring harness combination
C-27 (2) Diode (for super select 4WD circuit)
C-28 (18-B) Front wiring harness and dash wiring harness combination
C-29 (4-B) Front wiring harness and dash wiring harness combination
C-30 (4) Fuel line heater relay or intercooler fan control unit <Vehicles without fuel line heater>
C-31 (6-BR) Engine oil level relay
C-32 (14) Door wiring harness (passenger's side) and dash wiring harness combination
C-33 (16) Door wiring harness (passenger's side) and dash wiring harness combination
C-34 (18-BR) Control wiring harness and floor wiring harness (RH) combination
C-35 (32) Dash wiring harness and floor wiring harness (RH) combination



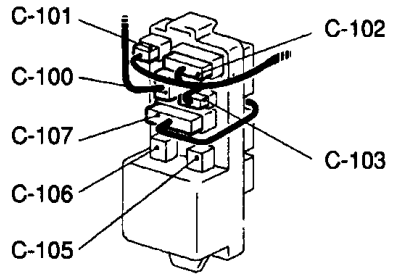
C-37 (2-B) Front speaker (RH)
C-38 (4) Resistor (for blower motor control circuit)
C-39 (2) Blower motor
C-40 (4) Intercooler fan control unit <Vehicles with fuel line heater>
C-41 (24-Y) Engine control unit <6G72>
(26-Y) Engine control unit <6G74>
(13) Glow control unit <Diesel-powered vehicles without EGR>
(26-Y) Glow control unit <Diesel-powered vehicles with EGR>
C-42 (18-Y) Engine control unit <6G72>
(16-Y) Engine control unit <6G74>
C-43 (10-Y) Engine control unit <6G72>
(22-Y) Engine control unit <6G74>
C-44 (4) Key cylinder illumination lamp timer
C-46 (4-L) Diode (for MPI circuit) <6G74>
C-47 (4) 4WD indicator relay
C-50 (32) Transmission wiring harness and dash wiring harness combination
C-51 (10) 4WD indicator control unit <Super select 4WD> or 4WD sub wiring harness and dash wiring harness combination <Part time 4WD>
C-52 (14) Motor antenna control unit
C-53 (3-B) Lighting monitor buzzer
C-54 (6) Wiper deicer switch
C-55 (8-B) Motor antenna switch
C-56 (2) Clock spring <Vehicles with SRS>
C-57 (3) Clock spring <Vehicles with SRS>
C-58 (2) No connection
C-59 (4-B) Steering lock switch <Vehicles without SRS>
(7) Steering lock switch <Vehicles with SRS>
C-60 (2) Auto-cruise control switch <Vehicles without SRS>
C-61 (6-B) Ignition switch
C-62 (2) Stop lamp switch <Vehicles without auto-cruise control> or no connection <Vehicles with auto-cruise control>
C-63 (4) Stop lamp switch <Vehicles with auto-cruise control> or no connection <Vehicles without auto-cruise control>
C-64 (2-B) Clutch switch

L.H. drive vehicles

Connector symbol

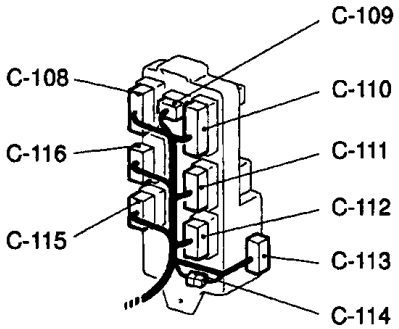
C -65 thru -125

JUNCTION BLOCK
<Front side view>

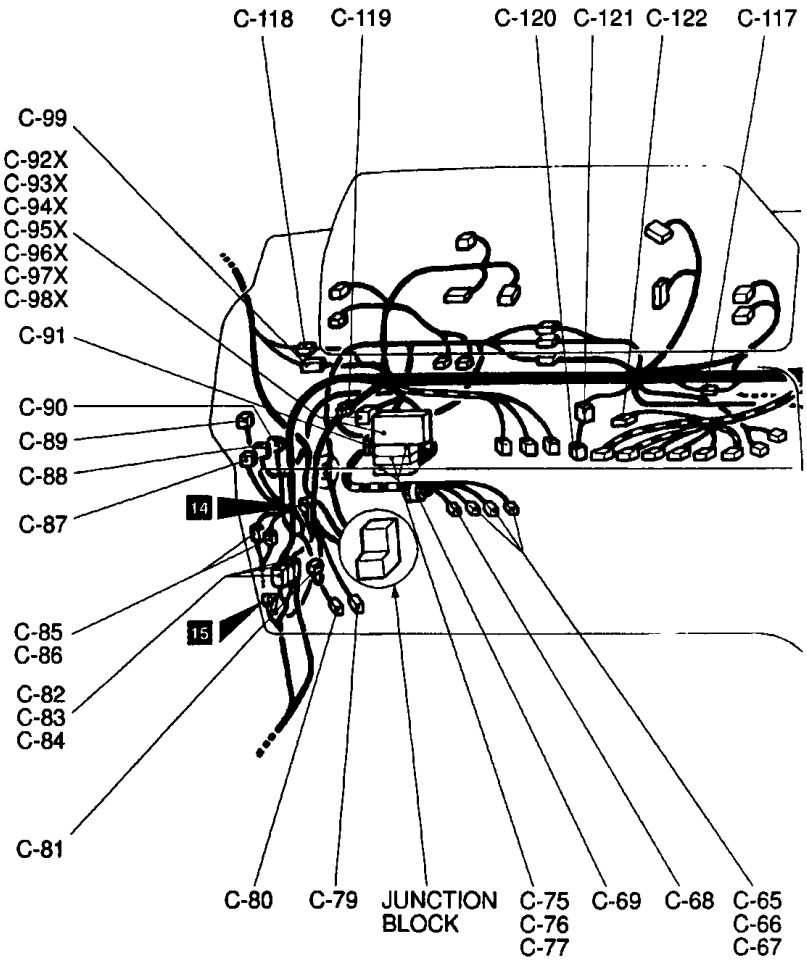


36E0215

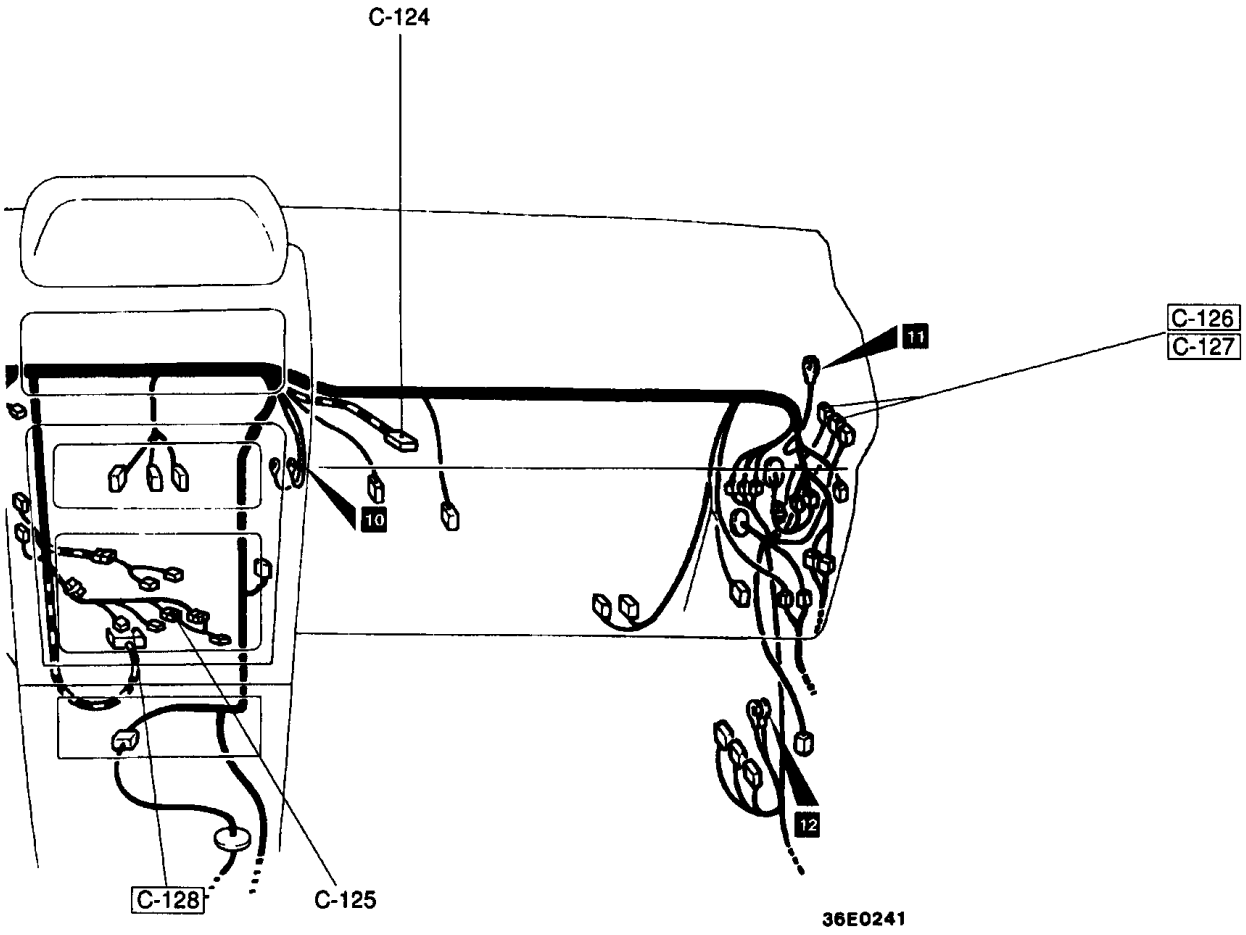
<Rear side view>



36E0142



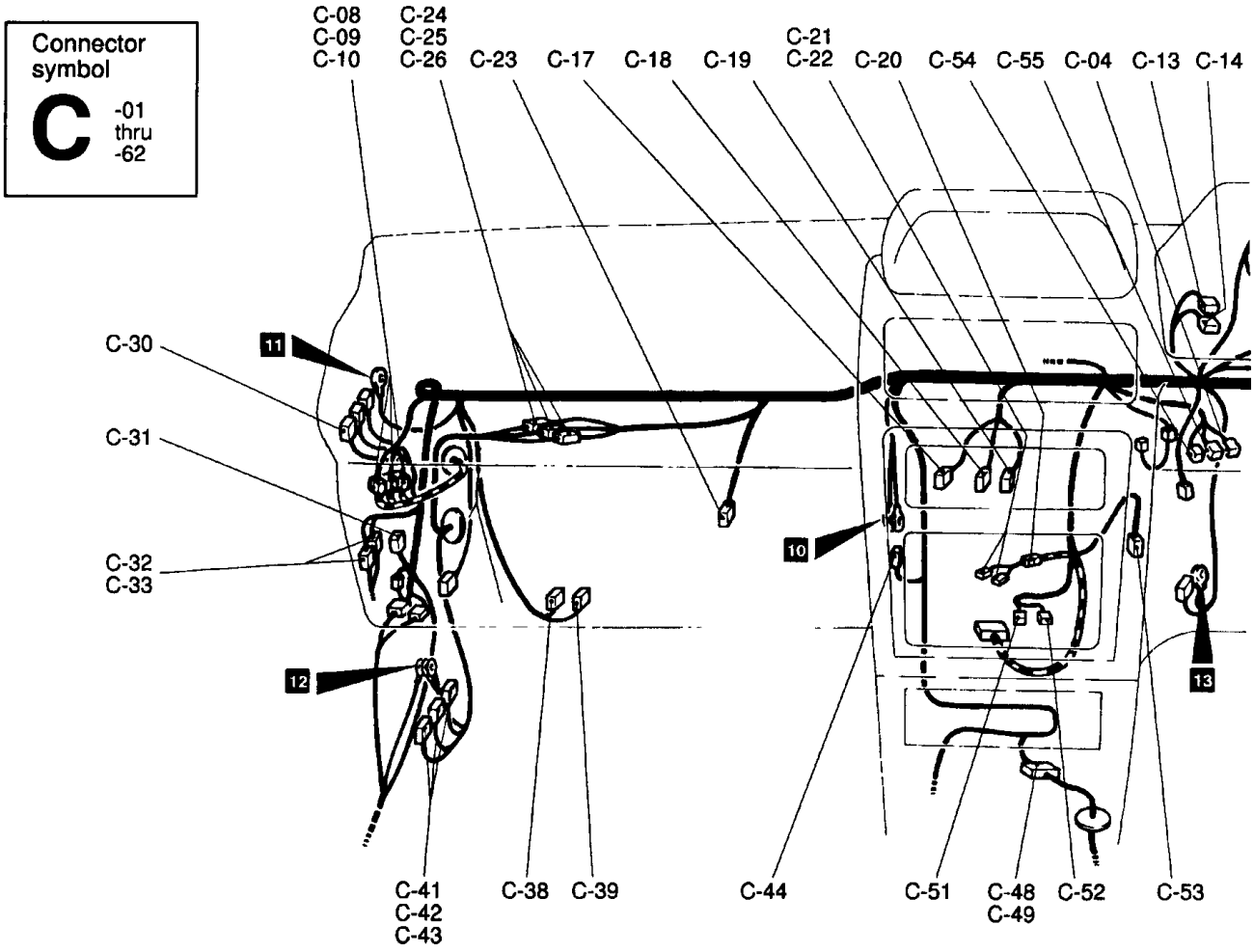
C-65 (14)	Column switch <Vehicles without SRS>
(10)	Column switch <Vehicles with SRS>
C-66 (8)	Column switch <Vehicles without SRS>
(6)	Column switch <Vehicles with SRS>
C-67 (4)	Column switch <Vehicles without SRS>
(12)	Column switch <Vehicles with SRS>
C-68 (6-B)	Headlamp leveling switch
C-69 (2-B)	Diode (for Headlamp circuit)
C-75 (33)	J/C (1)
C-76 (33)	J/C (2)
C-77 (33)	J/C (3)
C-79 (8)	Overdrive control relay
C-80 (2-B)	Front speaker (LH)
C-81 (26-L)	ELC-4A/T control unit
C-82 (33)	Dash wiring harness and floor wiring harness (LH) combination
C-83 (22)	Dash wiring harness and floor wiring harness (LH) combination
C-84 (2)	Dash wiring harness and floor wiring harness (LH) combination
C-85 (16-B)	Door wiring harness (driver's side) and dash wiring harness combination
C-86 (14-B)	Door wiring harness (driver's side) and dash wiring harness combination
C-87 (8)	Door lock control unit
C-88 (6-Y)	Headlamp washer relay
C-89 (6)	Wiper deicer timer
C-90 (4)	Wiper deicer relay
C-91 (2)	Dedicated fuse No. (9)
C-93X (4)	Refer to centralized junction
C-94X (4)	Refer to centralized junction
C-95X (4)	Refer to centralized junction
C-96X (5)	Refer to centralized junction
C-97X (8)	Refer to centralized junction
C-98X (3)	Refer to centralized junction
C-99 (4)	Roof wiring harness and dash wiring harness combination
C-100 (4)	Roof wiring harness and junction block combination



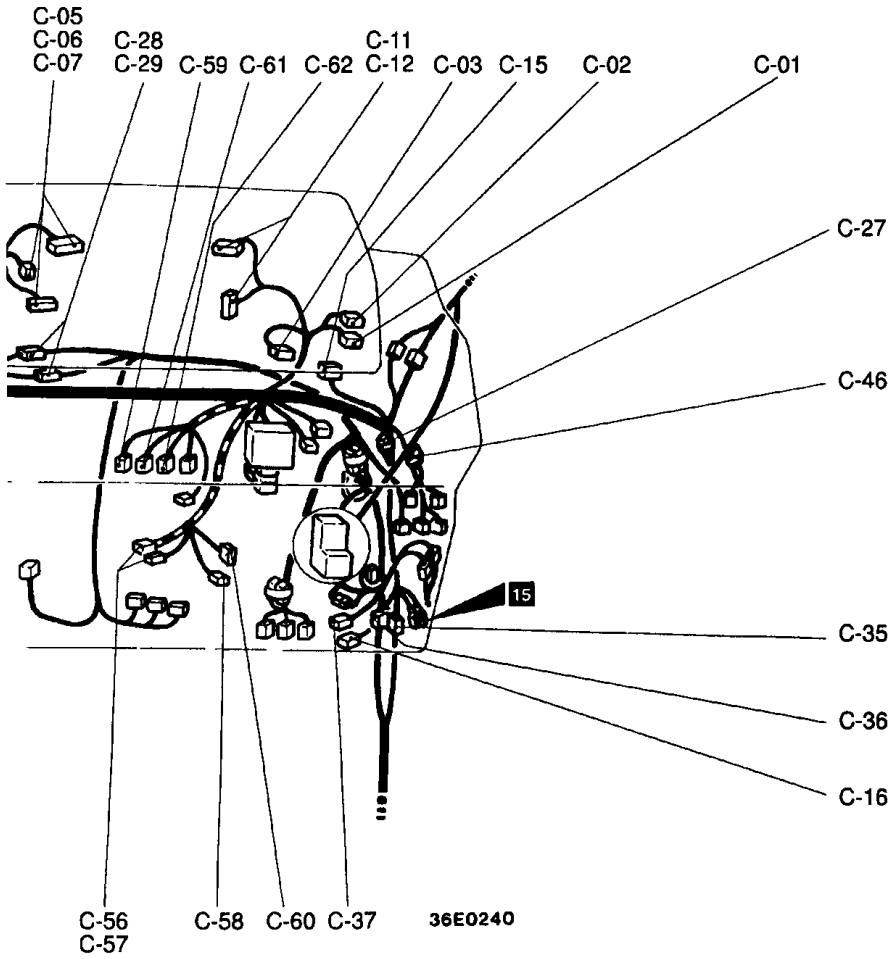
C-101 (1)	Front wiring harness and junction block combination
C-102 (8)	Front wiring harness and junction block combination
C-103 (4)	Front wiring harness and junction block combination
C-105 (4)	Blower relay
C-106 (4)	Accessory socket relay
C-107 (16)	Dash wiring harness and junction block combination
C-108 (12)	Dash wiring harness and junction block combination
C-109 (4)	Dash wiring harness and junction block combination
C-110 (16)	Dash wiring harness and junction block combination
C-111 (14)	Dash wiring harness and junction block combination
C-112 (6)	Dash wiring harness and junction block combination
C-113 (16)	Diagnosis connector
C-114 (3)	Jumper connector
C-115 (10)	Dash harness and junction block combination
C-116 (8)	Dash harness and junction block combination
C-117 (1)	Jumper connector <Vehicles with ABS>
C-118 (1)	Roof wiring harness and dash wiring harness combination
C-119 (2)	Diode (for door lamp circuit)
C-120 (16)	Immobilizer-ECU
C-121 (10)	Immobilizer sub wiring harness and dash wiring harness combination
C-122 (2)	Ignition key ring antenna
C-124 (2)	Air bag module (squib) <passenger's side>
C-125 (1)	4WD sub wiring harness and dash wiring harness combination
C-126 (4)	Engine control relay <petrol>
C-127 (4-B)	Fuel pump relay <petrol>
C-128 (21-Y)	SRS-ECU

Remark
Connector numbers enclosed by a frame ☐ are newly added connectors.

R.H. drive vehicles

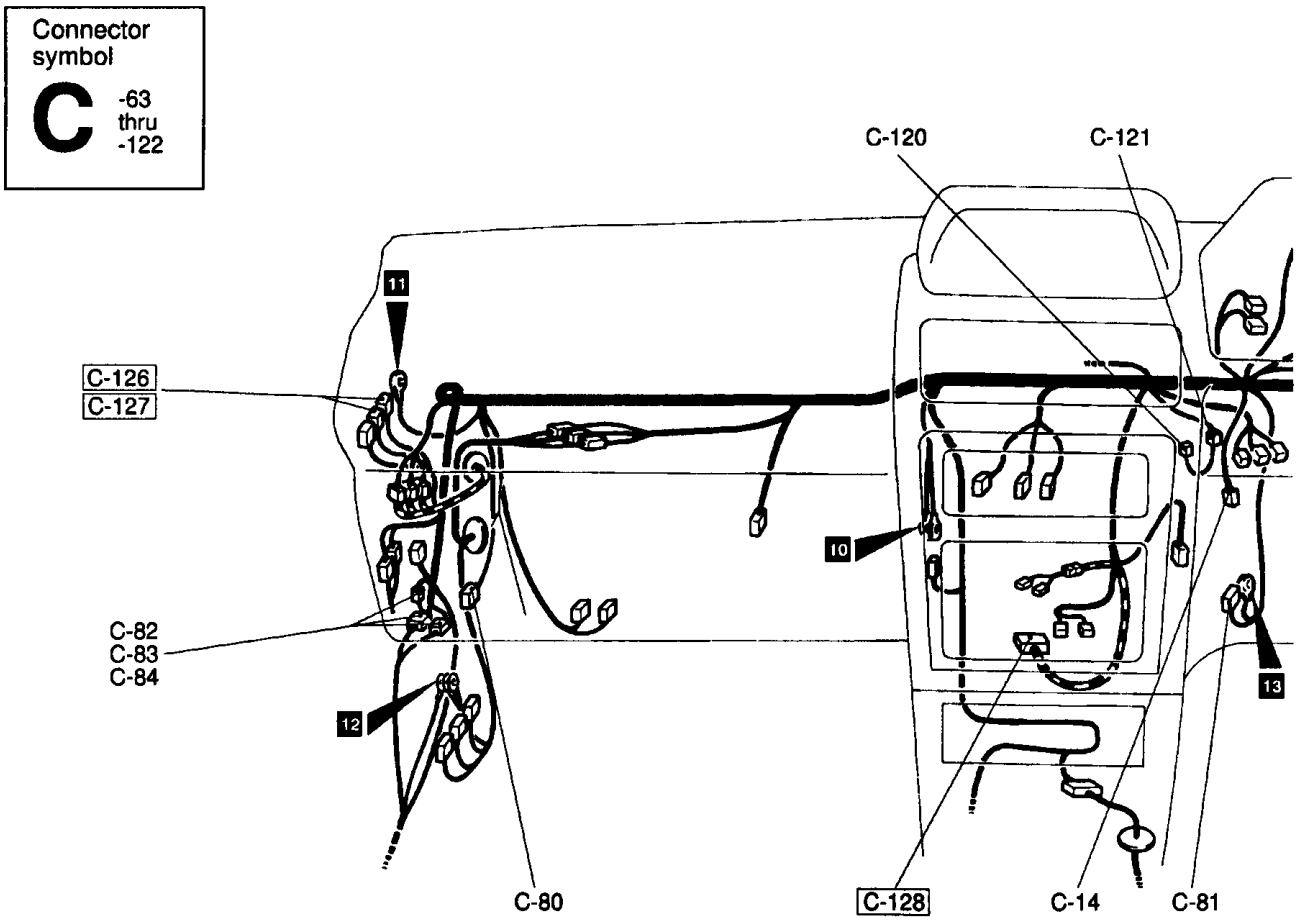


C-01 (8) Auto-cruise control main switch
C-02 (6) Rear fog lamp switch
C-03 (9) Remote controlled mirror switch
C-04 (4) Rheostat or jumper connector
C-05 (14-B) Combination meter
C-06 (2-B) Combination meter
C-07 (12) Combination meter
C-08 (10-B) Front wiring harness and dash wiring harness combination
C-09 (2-B) Front wiring harness and dash wiring harness combination
C-10 (22-B) Front wiring harness and dash wiring harness combination
C-11 (14) Combination meter
C-12 (12-B) Combination meter
C-13 (6-Y) Defogger switch
C-14 (10-G) Hazard switch
C-15 (26-Y) Auto-cruise control unit or spare connector
C-16 (2) Kickdown switch
C-17 (4) A/C switch
C-18 (8) Blower switch
C-19 (2) Blower control illumination lamp
C-20 (14) Dash wiring harness and radio sub wiring harness combination
C-21 (9) Radio
C-22 (5) Radio
C-23 (8-L) A/C unit
C-24 (20-L) Control wiring harness and dash wiring harness combination
C-25 (8-L) Control wiring harness and dash wiring harness combination
C-26 (8-L) Control wiring harness and dash wiring harness combination
C-27 (2) Diode (for super select 4WD circuit)
C-28 (18-B) Front wiring harness and dash wiring harness combination
C-29 (4-B) Front wiring harness and dash wiring harness combination
C-30 (4) Intercooler fan control unit
C-31 (6-BR) Engine oil level relay
C-32 (14) Door wiring harness (passenger's side) and dash wiring harness combination
C-33 (16) Door wiring harness (passenger's side) and dash wiring harness combination

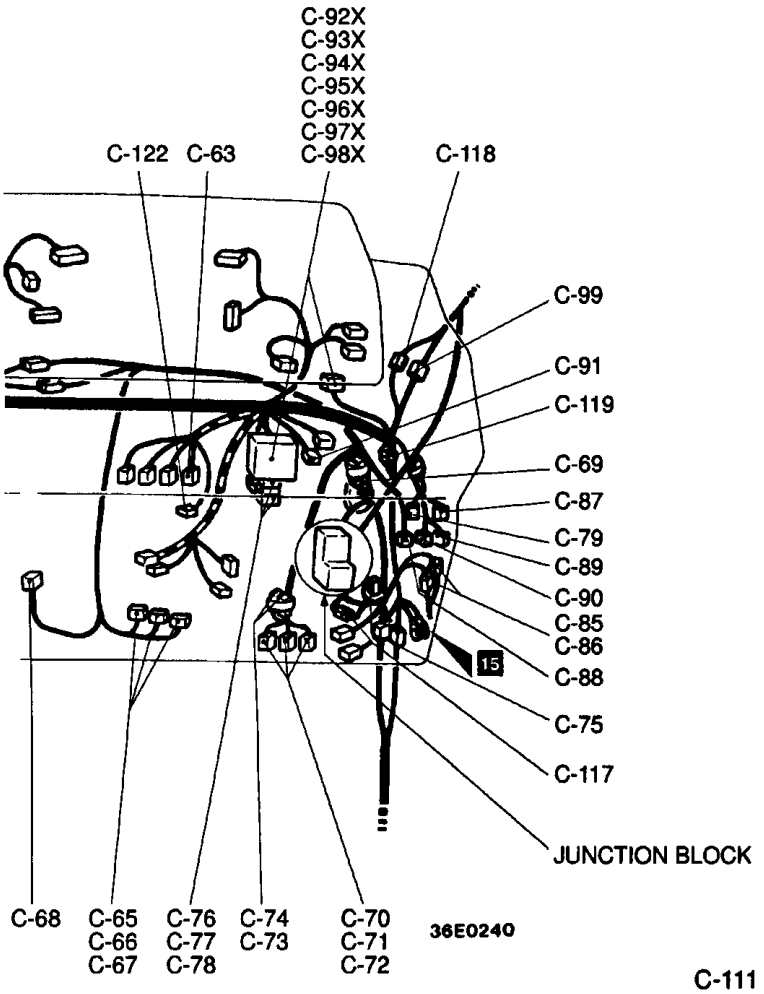


C-35 (32) Dash wiring harness and floor wiring harness (RH) combination
C-36 (18-BR) Front wiring harness and floor wiring harness (RH) combination
C-37 (2-B) Front speaker (RH)
C-38 (4) Resistor (for blower motor control circuit)
C-39 (2) Blower motor
C-41 (24-Y) Engine control unit <6G72>
(26-Y) Engine control unit <6G74>
(13) Glow control unit <Diesel-powered vehicles without EGR>
(26-Y) Glow control unit <Diesel-powered vehicles with EGR>
C-42 (18-Y) Engine control unit <6G72>
(16-Y) Engine control unit <6G74>
C-43 (10-Y) Engine control unit <6G72>
(22-Y) Engine control unit <6G74>
C-44 (4) Key cylinder illumination lamp timer
C-46 (4-L) Diode (for MPI circuit) <6G74>
C-50 (32) Transmission wiring harness and dash wiring harness combination
C-51 (10) 4WD indicator control unit
C-52 (14) Motor antenna control unit
C-53 (3-B) Lighting motor buzzer
C-54 (6) Wiper deicer switch
C-55 (8-B) Motor antenna switch
C-56 (2) Clock spring <Vehicles with SRS>
C-57 (3) Clock spring <Vehicles with SRS>
C-58 (2) No connection
C-59 (4-B) Steering lock switch <Vehicles without SRS>
(7) Steering lock switch <Vehicles with SRS>
C-60 (2) Auto-cruise control switch <Vehicles without SRS>
C-61 (6-B) Ignition switch
C-62 (2) Stop lamp switch <Vehicles without auto-cruise control> or no connection <Vehicles with auto-cruise control>

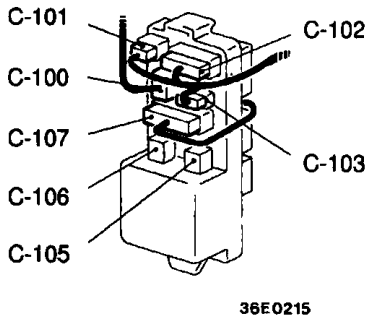
R.H. drive vehicles



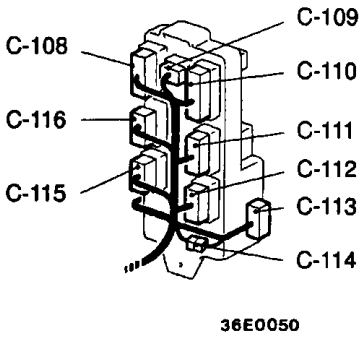
C-63 (4)	Stop lamp switch
	<Vehicles with auto-cruise control> or no connection
	<Vehicles without auto-cruise control>
C-64 (2-B)	Clutch switch
C-65 (14)	Column switch <Vehicles without SRS>
(10)	Column switch <Vehicles with SRS>
C-66 (8)	Column switch <Vehicles without SRS>
(6)	Column switch <Vehicles with SRS>
C-67 (4)	Column switch <Vehicles without SRS>
(12)	Column switch <Vehicles with SRS>
C-68 (6-B)	Headlamp leveling switch
C-69 (2-B)	Diode (for Headlamp circuit)
C-75 (33)	J/C (1)
C-76 (33)	J/C (2)
C-77 (33)	J/C (3)
C-78 (33)	J/C (4)
C-79 (8)	Overdrive control relay
C-80 (2-B)	Front speaker (LH)
C-81 (26-L)	ELC-4A/T control unit
C-82 (33)	Dash wiring harness and floor wiring harness (LH) combination
C-83 (22)	Dash wiring harness and floor wiring harness (LH) combination
C-84 (2)	Dash wiring harness and floor wiring harness (LH) combination
C-85 (16-B)	Door wiring harness (driver's side) and dash wiring harness combination
C-86 (14-B)	Door wiring harness (driver's side) and dash wiring harness combination
C-87 (8)	Door lock control unit
C-88 (6-Y)	Headlamp washer relay
C-89 (6)	Wiper deicer timer
C-90 (4)	Wiper deicer relay
C-91 (2)	Dedicated fuse No. (9)
C-93X (4)	Refer to centralized junction
C-94X (4)	Refer to centralized junction
C-95X (4)	Refer to centralized junction



JUNCTION BLOCK
<Front side view>



<Rear side view>



C-96X (5)	Refer to centralized junction
C-97X (8)	Refer to centralized junction
C-98X (3)	Refer to centralized junction
C-99 (4)	Roof wiring harness and dash wiring harness combination
C-100 (4)	Roof wiring harness and junction block combination
C-101 (1)	Front wiring harness and junction block combination
C-102 (8)	Front wiring harness and junction block combination
C-103 (4)	Front wiring harness and junction block combination
C-105 (4)	Blower relay
C-106 (4)	Accessory socket relay
C-107 (16)	Dash wiring harness and junction block combination
C-108 (12)	Dash wiring harness and junction block combination
C-109 (4)	Dash wiring harness and junction block combination
C-110 (16)	Dash wiring harness and junction block combination
C-111 (14)	Dash wiring harness and junction block combination
C-112 (6)	Dash wiring harness and junction block combination
C-113 (16)	Diagnosis connector
C-114 (3)	Jumper connector
C-115 (10)	Dash wiring harness and junction block combination
C-116 (8)	Dash wiring harness and junction block combination
C-117 (1)	Jumper connector <Vehicles with ABS>
C-118 (1)	Roof wiring harness and dash wiring harness combination
C-119 (2)	Diode (for door lamp circuit)
C-120 (16)	Immobilizer-ECU
C-121 (10)	Immobilizer sub wiring harness and dash wiring harness combination
C-122 (2)	Ignition key ring antenna
C-126 (4)	Engine control relay <petrol>
C-127 (4-B)	Fuel pomp relay <petrol>
C-128 (21-Y)	SRS-ECU

Remark
Connector numbers enclosed by a frame ☐ are newly added connectors.

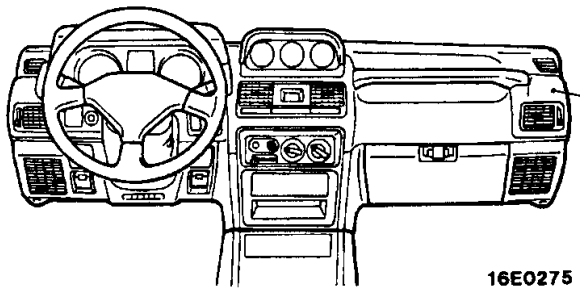
SINGLE PART INSTALLATION POSITION

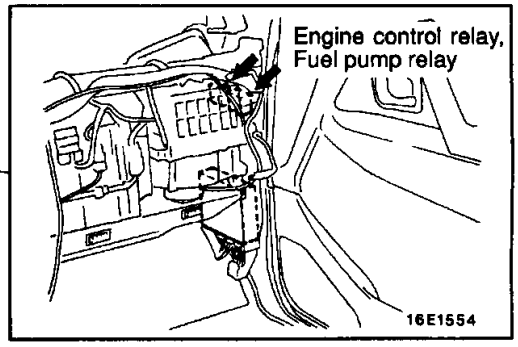
CONTENTS

RELAY 3-2

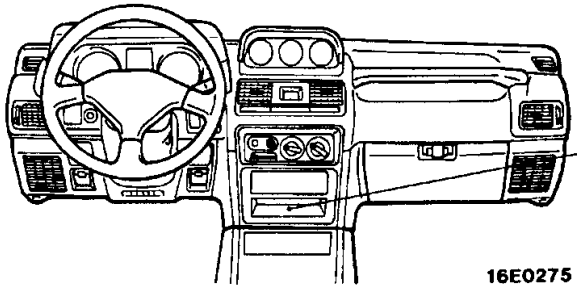
CONTROL UNIT 3-2

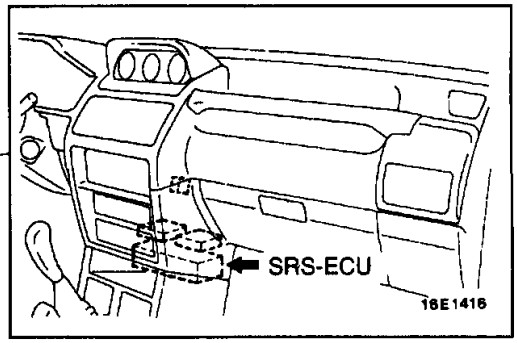
RELAY





CONTROL UNIT





CIRCUIT DIAGRAM

CONTENTS

POWER DISTRIBUTION

<Petrol-powered vehicles> 4-4

<Diesel-powered vehicles> 4-10

GLOW SYSTEM

4M40 engine <without supercharging pressure relief solenoid valve> 4-16

4M40 engine <with supercharging pressure relief solenoid valve> 4-18

MPI SYSTEM

6G72 engine-M/T <vehicles without immobilizer system> 4-20

6G72 engine-M/T <vehicles with immobilizer system> 4-28

6G72 engine-A/T <vehicles without immobilizer system> 4-36

6G72 engine-A/T <vehicles with immobilizer system> 4-44

6G74 engine-M/T <vehicles without immobilizer system> 4-52

6G74 engine-M/T <vehicles with immobilizer system> 4-62

6G74 engine-A/T <vehicles without immobilizer system> 4-72

6G74 engine-A/T <vehicles with immobilizer system> 4-82

LOW ENGINE OIL LEVEL WARNING LAMP 4-92

BRAKE WARNING LAMP 4-93

SINGLE AIR CONDITIONER

L.H. drive vehicles <petrol-powered vehicles> 4-94

L.H. drive vehicles <diesel-powered vehicles> 4-98

R.H. drive vehicles <petrol-powered vehicles> 4-102

R.H. drive vehicles <diesel-powered vehicles> 4-106

DUAL AIR CONDITIONER

L.H. drive vehicles without rear heater <petrol-powered vehicles> 4-110

L.H. drive vehicles without rear heater <diesel-powered vehicles> 4-116

L.H. drive vehicles with rear heater <petrol-powered vehicles> 4-122

L.H. drive vehicles with rear heater <diesel-powered vehicles> 4-130

R.H. drive vehicles without rear heater <petrol-powered vehicles> 4-138

R.H. drive vehicles without rear heater <diesel-powered vehicles> 4-144

R.H. drive vehicles with rear heater <petrol-powered vehicles> 4-150

R.H. drive vehicles with rear heater <diesel-powered vehicles> 4-158

SUN ROOF

2-door models 4-166

4-door models 4-168

Canvas top 4-169

INTERCOOLER FAN **4-170**

LIGHTING MONITOR BUZZER **4-171**

SUPPLEMENTAL RESTRAINT SYSTEM **4-172**

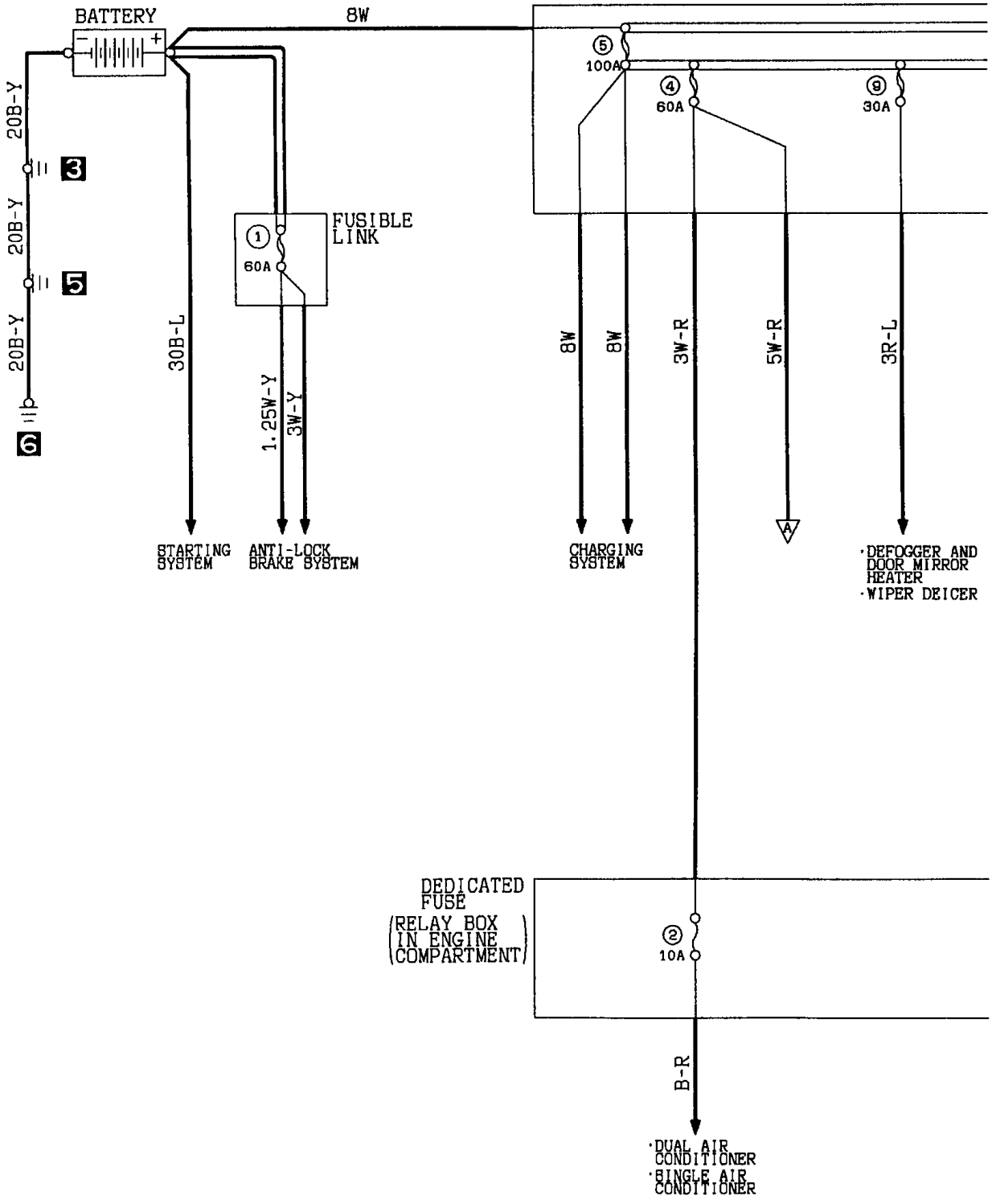
IMMOBILIZER SYSTEM

Petrol-powered vehicles 4-174

Diesel-powered vehicles 4-176

NOTES

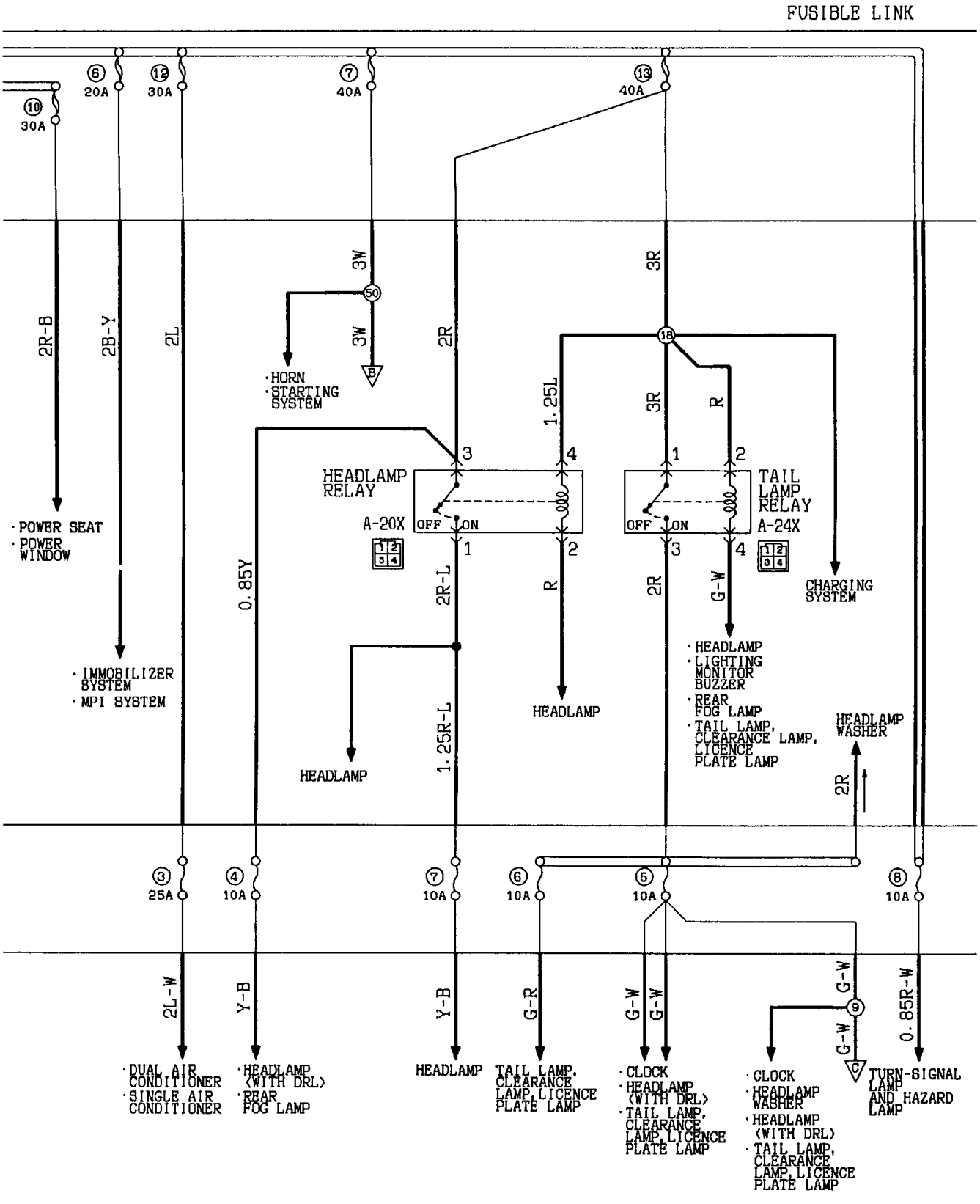
POWER DISTRIBUTION SYSTEM
<Petrol-powered vehicles>



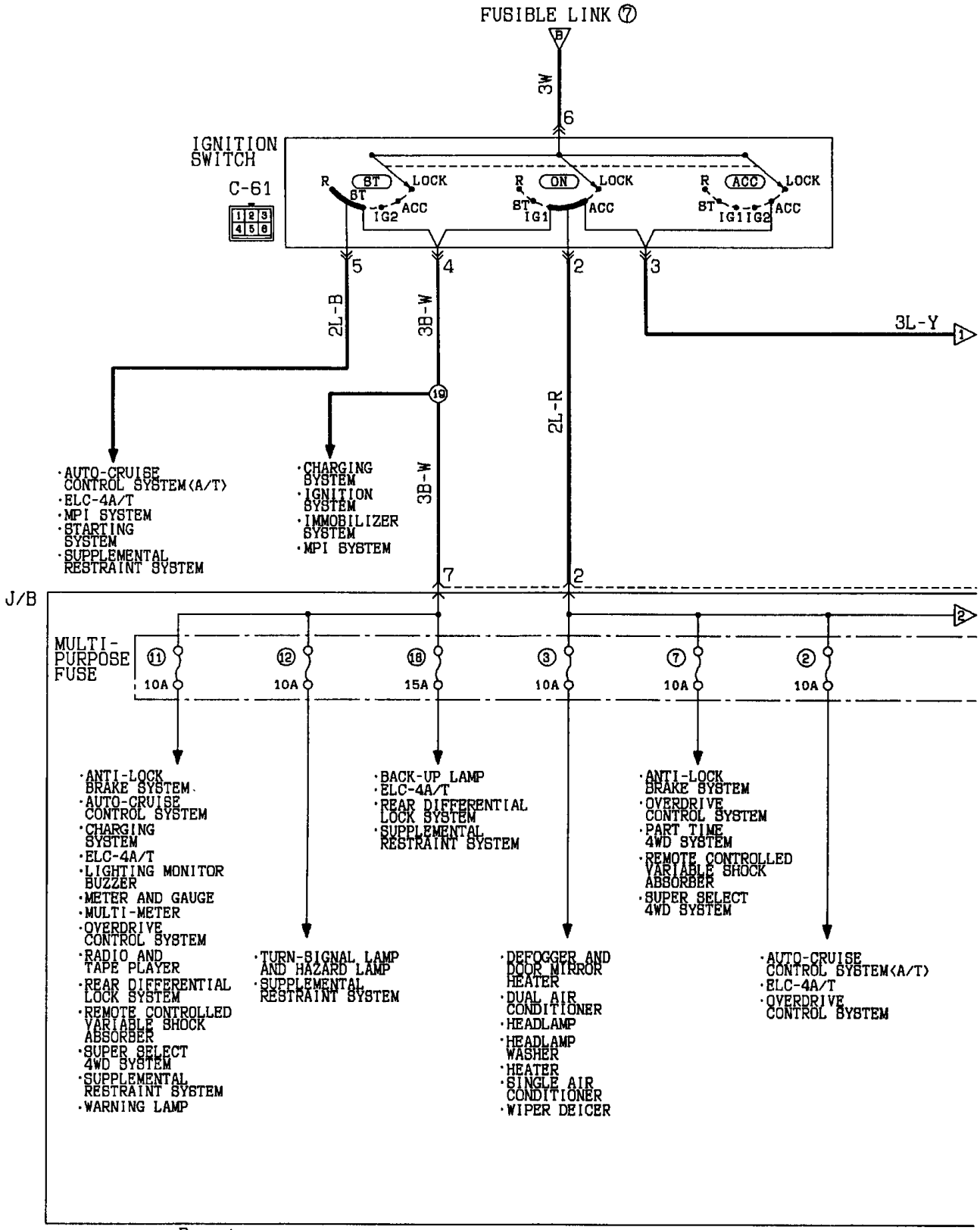
Wire colour code

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		

KX35-AC-00108-EC

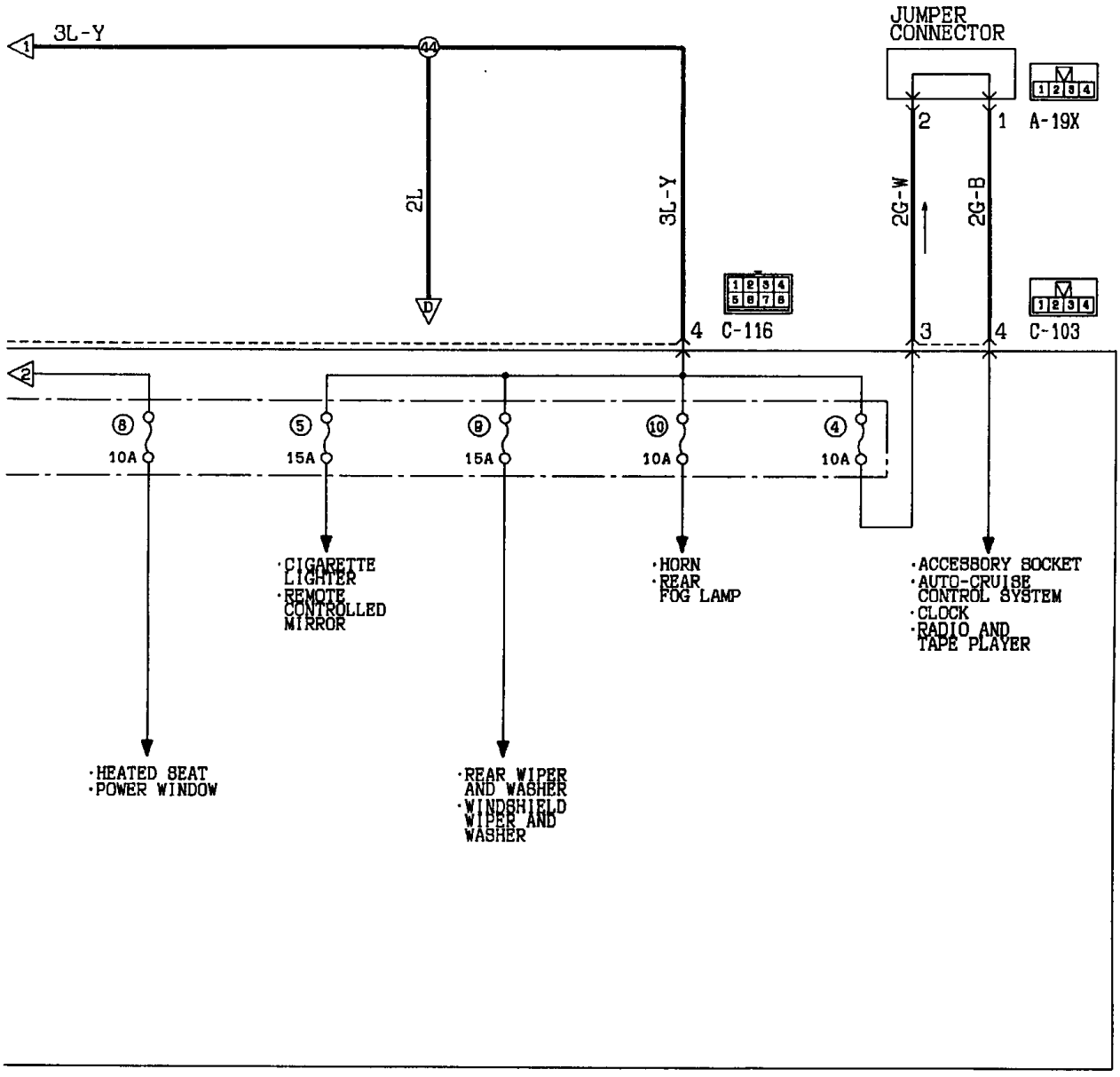

FUSIBLE LINK
⑥ 20A
⑫ 30A
⑦ 40A
⑬ 40A
⑩ 30A
2R-B
2B-Y
2L
3W
3W
2R
3R
3R
R
1.25L
50
B
·HORN
·STARTING SYSTEM
18
·POWER SEAT
·POWER WINDOW
HEADLAMP RELAY
A-20X
OFF ON
TAIL LAMP RELAY
A-24X
OFF ON
CHARGING SYSTEM
0.85Y
2R-L
R
2R
G-W
·IMMOBILIZER SYSTEM
·MPI SYSTEM
HEADLAMP
1.25R-L
HEADLAMP
·HEADLAMP
·LIGHTING MONITOR BUZZER
·REAR FOG LAMP
·TAIL LAMP, CLEARANCE LAMP, LICENCE PLATE LAMP
HEADLAMP WASHER
2R
③ 25A
④ 10A
⑦ 10A
⑥ 10A
⑤ 10A
⑧ 10A
2L-W
Y-B
Y-B
G-R
G-W
G-W
G-W
G-W
9
0.85R-W
C
·DUAL AIR CONDITIONER
·SINGLE AIR CONDITIONER
·HEADLAMP (WITH DRL)
·REAR FOG LAMP
HEADLAMP
TAIL LAMP, CLEARANCE LAMP, LICENCE PLATE LAMP
·CLOCK
·HEADLAMP (WITH DRL)
·TAIL LAMP, CLEARANCE LAMP, LICENCE PLATE LAMP
·CLOCK
·HEADLAMP WASHER
·HEADLAMP (WITH DRL)
·TAIL LAMP, CLEARANCE LAMP, LICENCE PLATE LAMP
TURN-SIGNAL LAMP AND HAZARD LAMP

POWER DISTRIBUTION SYSTEM<Petrol-powered vehicles> (CONTINUED)



Remark
·The above circuit diagram shows the current flow at the ignition key position "ACC", "ON" and "ST" combined. Be sure trace the appropriate circuit depending on the ignition key position.

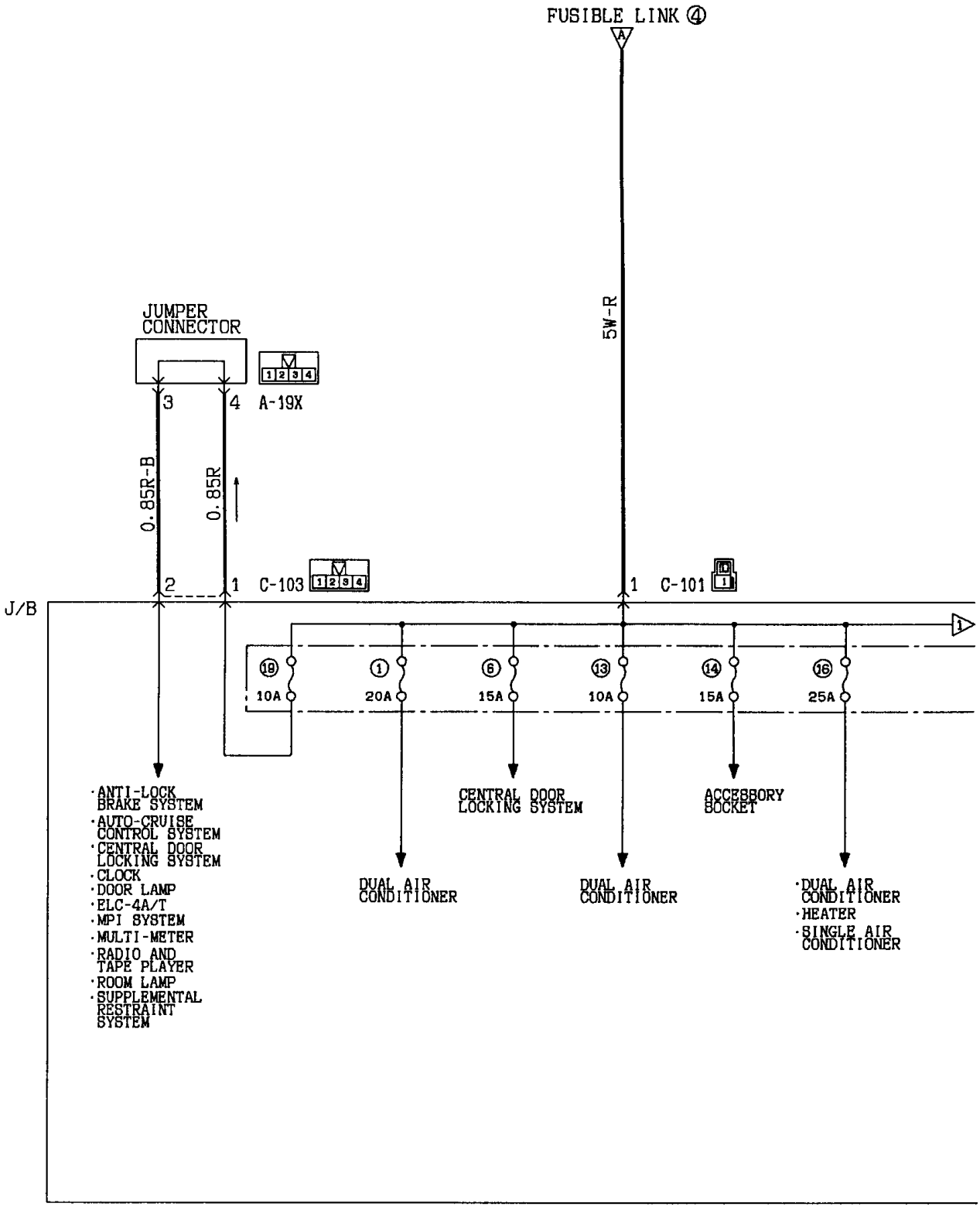
KX35-AC-00108A-EC



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	

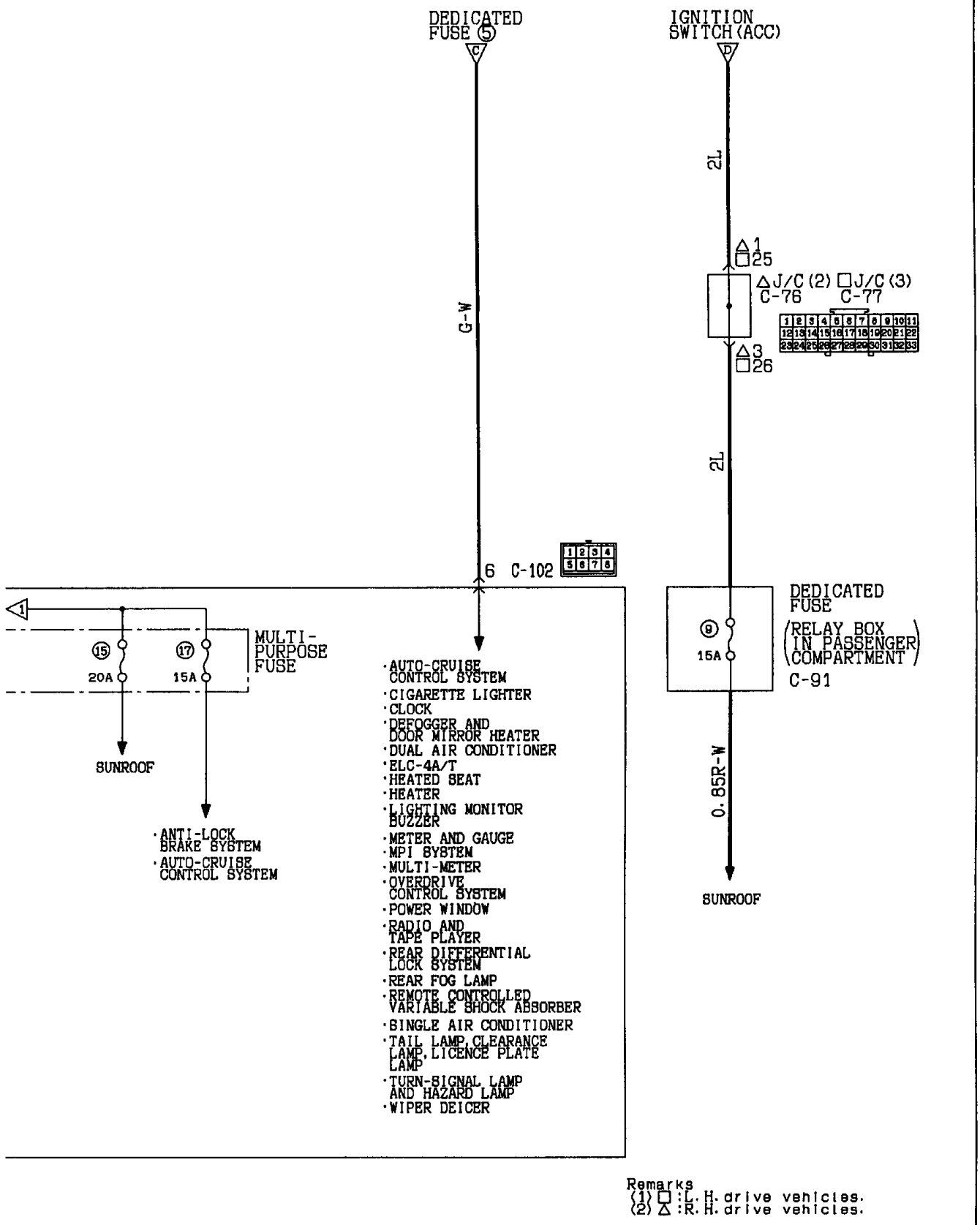
POWER DISTRIBUTION SYSTEM<Petrol-powered vehicles> (CONTINUED)



Wire colour code

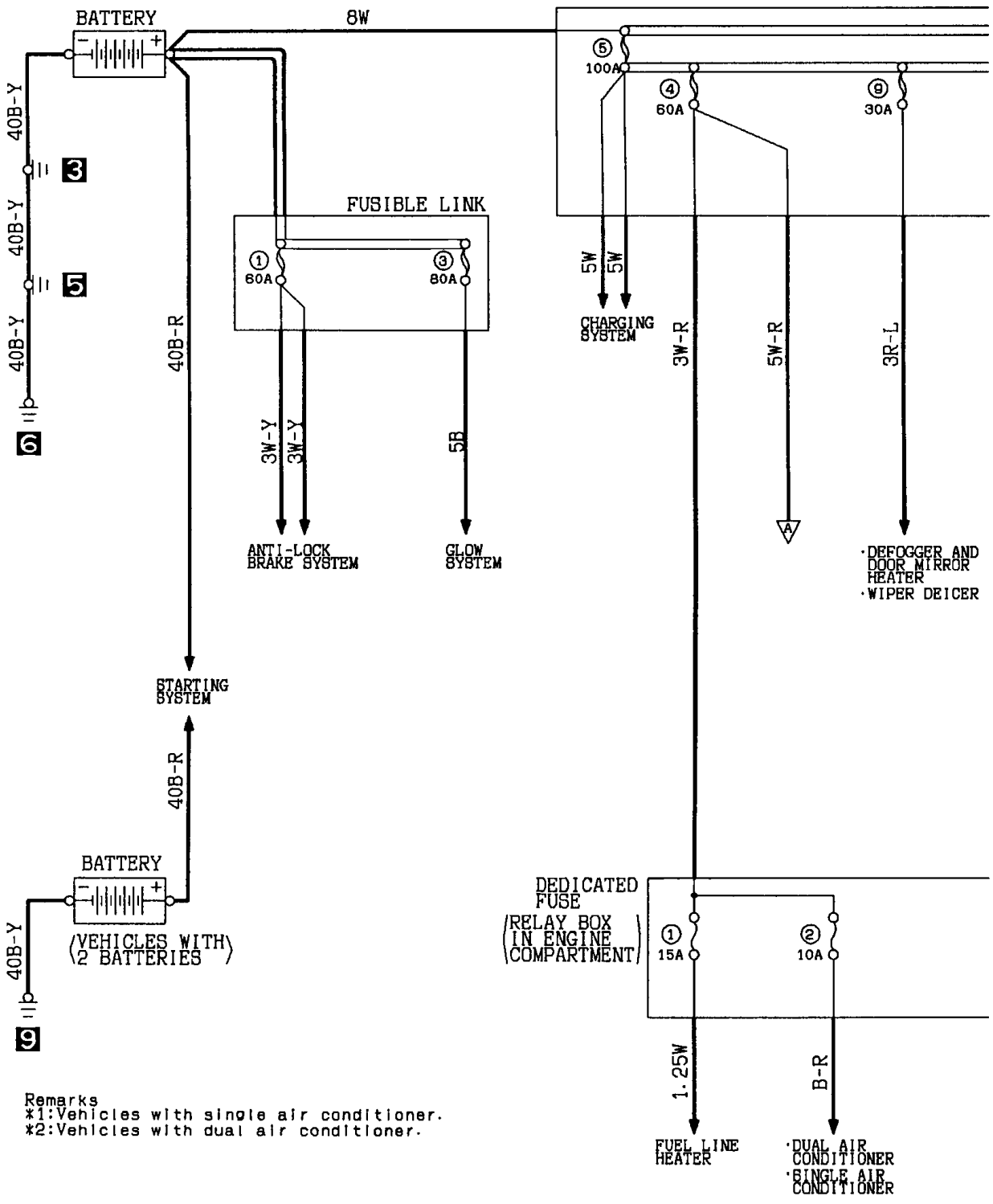
B:Black	LG:Light green	G:Green	L:Blue	W:White	Y:Yellow	SB:Sky blue
BR:Brown	O:Orange	GR:Gray	R:Red	P:Pink	V:Violet	

KX35-AC-Q0108B-EC



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

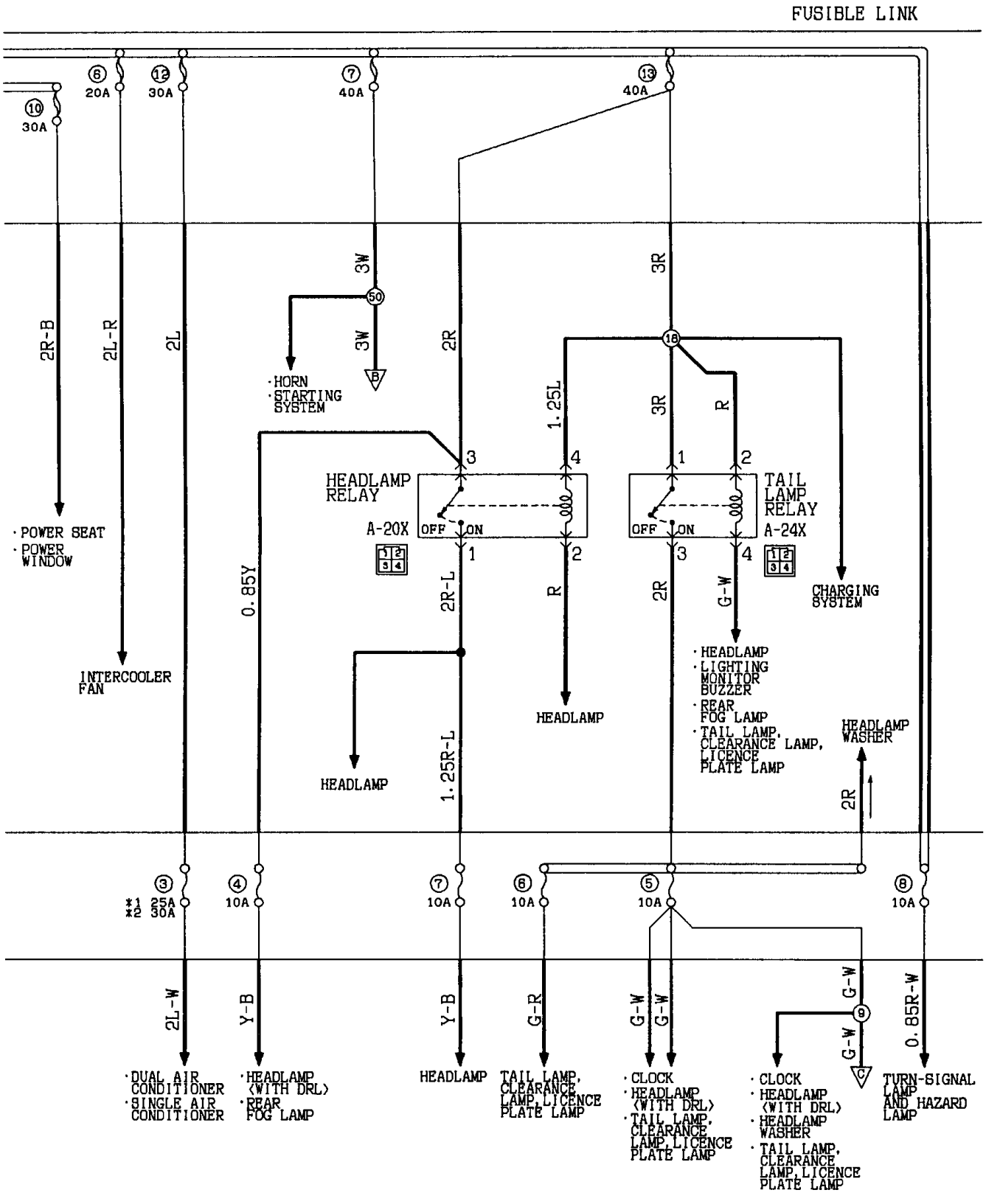
POWER DISTRIBUTION SYSTEM
(Diesel-powered vehicles)



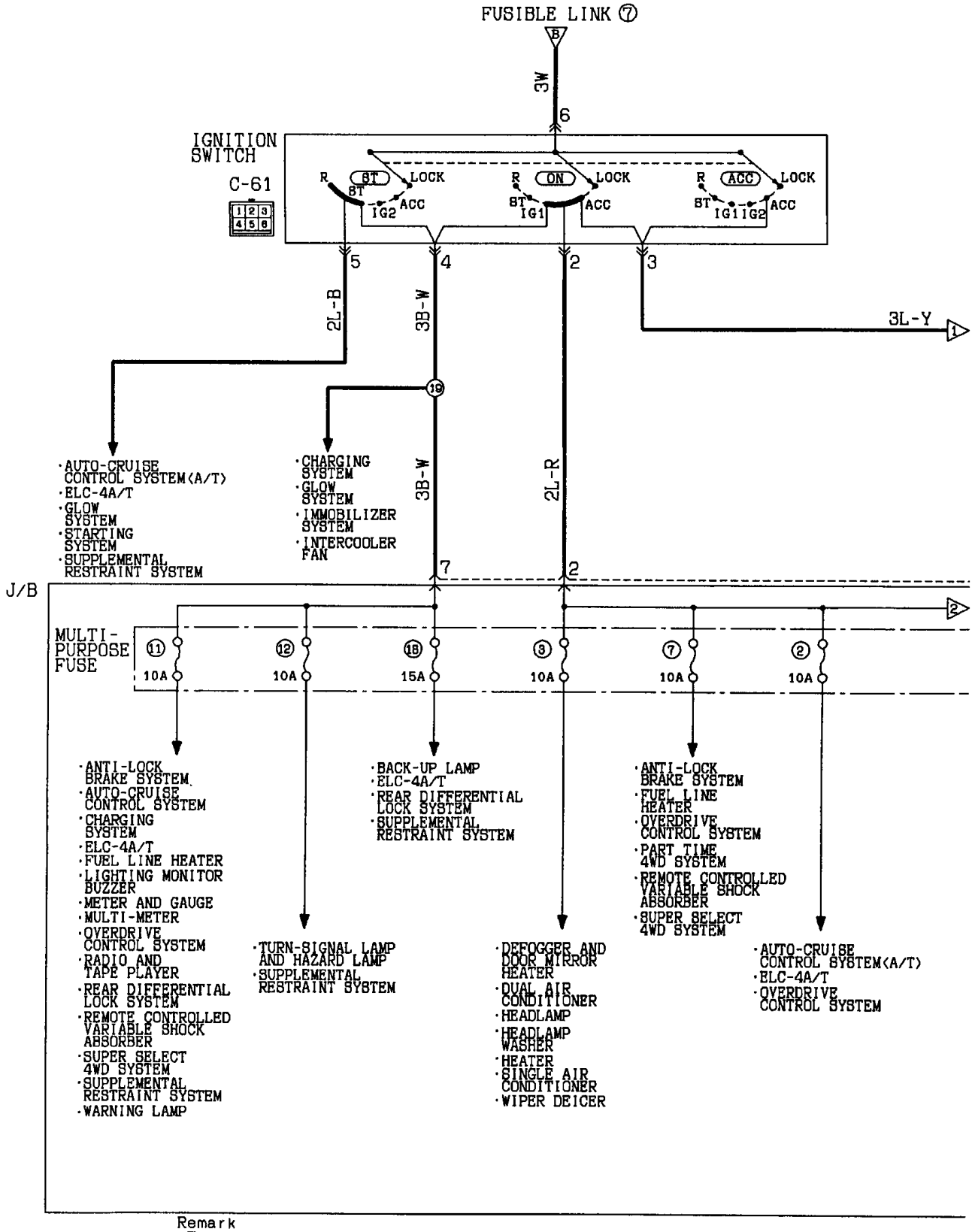
Remarks
*1:Vehicles with single air conditioner.
*2:Vehicles with dual air conditioner.

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

KX35-AC-00100-EC

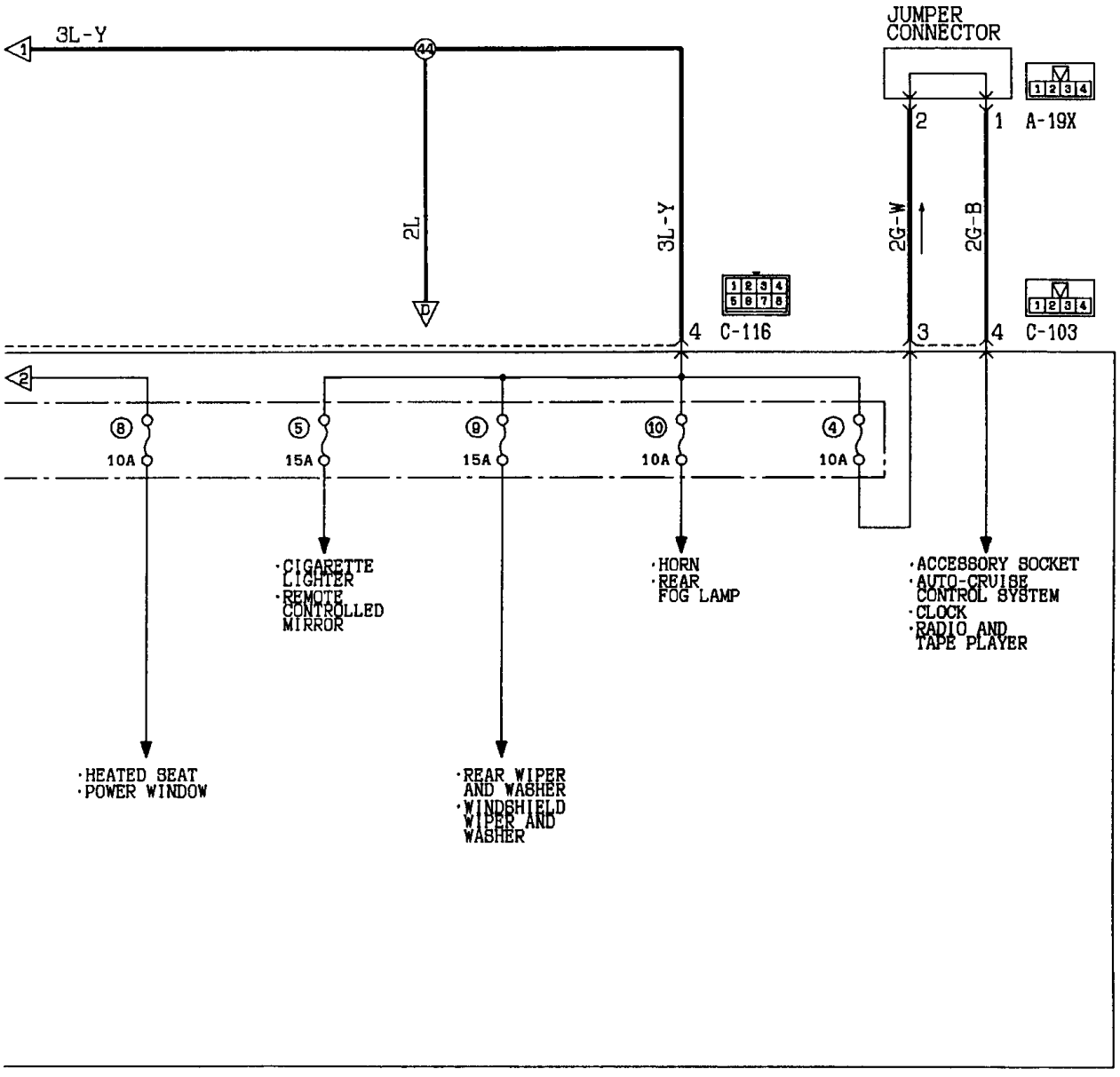

FUSIBLE LINK
⑩ 30A
⑥ 20A
⑫ 30A
⑦ 40A
⑬ 40A
2R-B
2L-R
2L
3W
3W
50
B
·HORN
·STARTING SYSTEM
2R
3R
18
1.25L
3R
R
3
4
1
2
HEADLAMP RELAY
A-20X
OFF
ON
TAIL LAMP RELAY
A-24X
·POWER SEAT
·POWER WINDOW
0.85Y
2R-L
R
2R
G-W
CHARGING SYSTEM
INTERCOOLER FAN
HEADLAMP
·HEADLAMP
·LIGHTING MONITOR BUZZER
·REAR FOG LAMP
·TAIL LAMP, CLEARANCE LAMP, LICENCE PLATE LAMP
HEADLAMP WASHER
1.25R-L
2R
③ *1 25A *2 30A
④ 10A
⑦ 10A
⑥ 10A
⑤ 10A
⑧ 10A
2L-W
Y-B
Y-B
G-R
G-W
G-W
G-W
9
C
0.85R-W
·DUAL AIR CONDITIONER
·SINGLE AIR CONDITIONER
·HEADLAMP (WITH DRL)
·REAR FOG LAMP
HEADLAMP
TAIL LAMP, CLEARANCE LAMP, LICENCE PLATE LAMP
·CLOCK
·HEADLAMP (WITH DRL)
·TAIL LAMP, CLEARANCE LAMP, LICENCE PLATE LAMP
·CLOCK
·HEADLAMP (WITH DRL)
·HEADLAMP WASHER
·TAIL LAMP, CLEARANCE LAMP, LICENCE PLATE LAMP
TURN-SIGNAL LAMP AND HAZARD LAMP

POWER DISTRIBUTION SYSTEM<Diesel-powered vehicles> (CONTINUED)



Remark
·The above circuit diagram shows the current flow at the ignition key position "ACC", "ON" and "ST" combined. Be sure trace the appropriate circuit depending on the ignition key position.

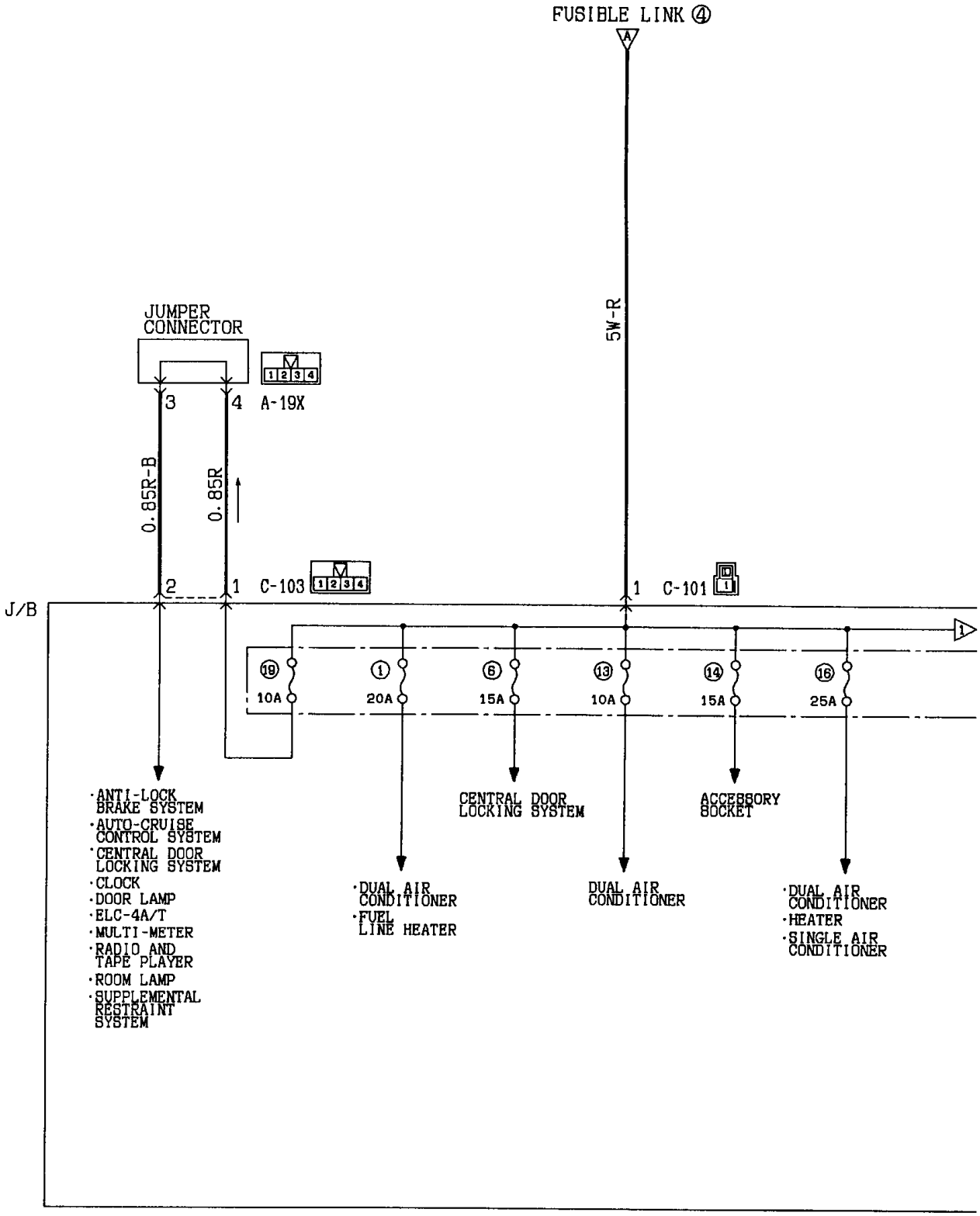
KX35-AC-00109A-EC



Wire colour code

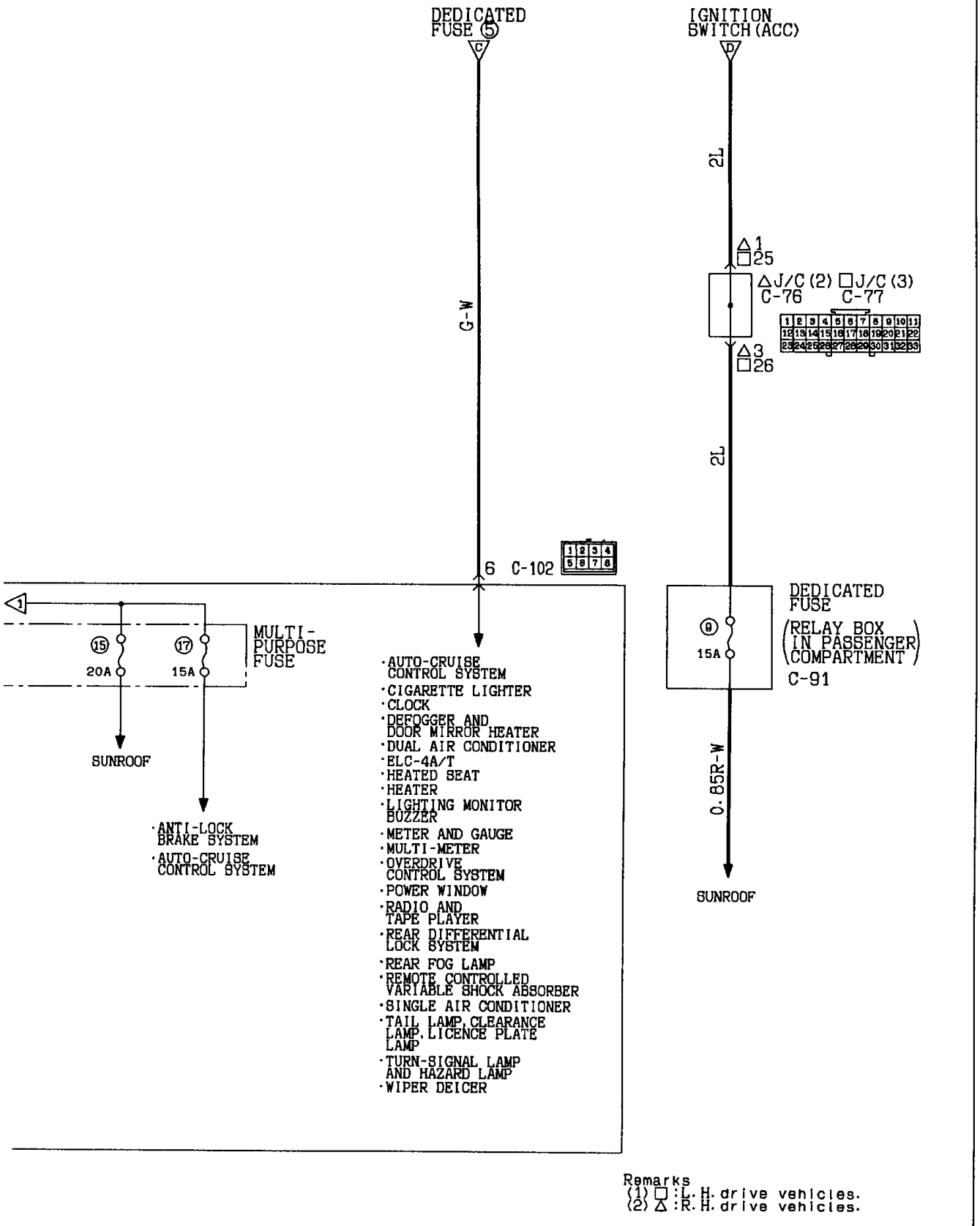
B:Black	LG:Light green	G:Green	L:Blue	W:White	Y:Yellow	SB:Sky blue
BR:Brown	O:Orange	GR:Gray	R:Red	P:Pink	V:Violet	

POWER DISTRIBUTION SYSTEM<Diesel-powered vehicles> (CONTINUED)

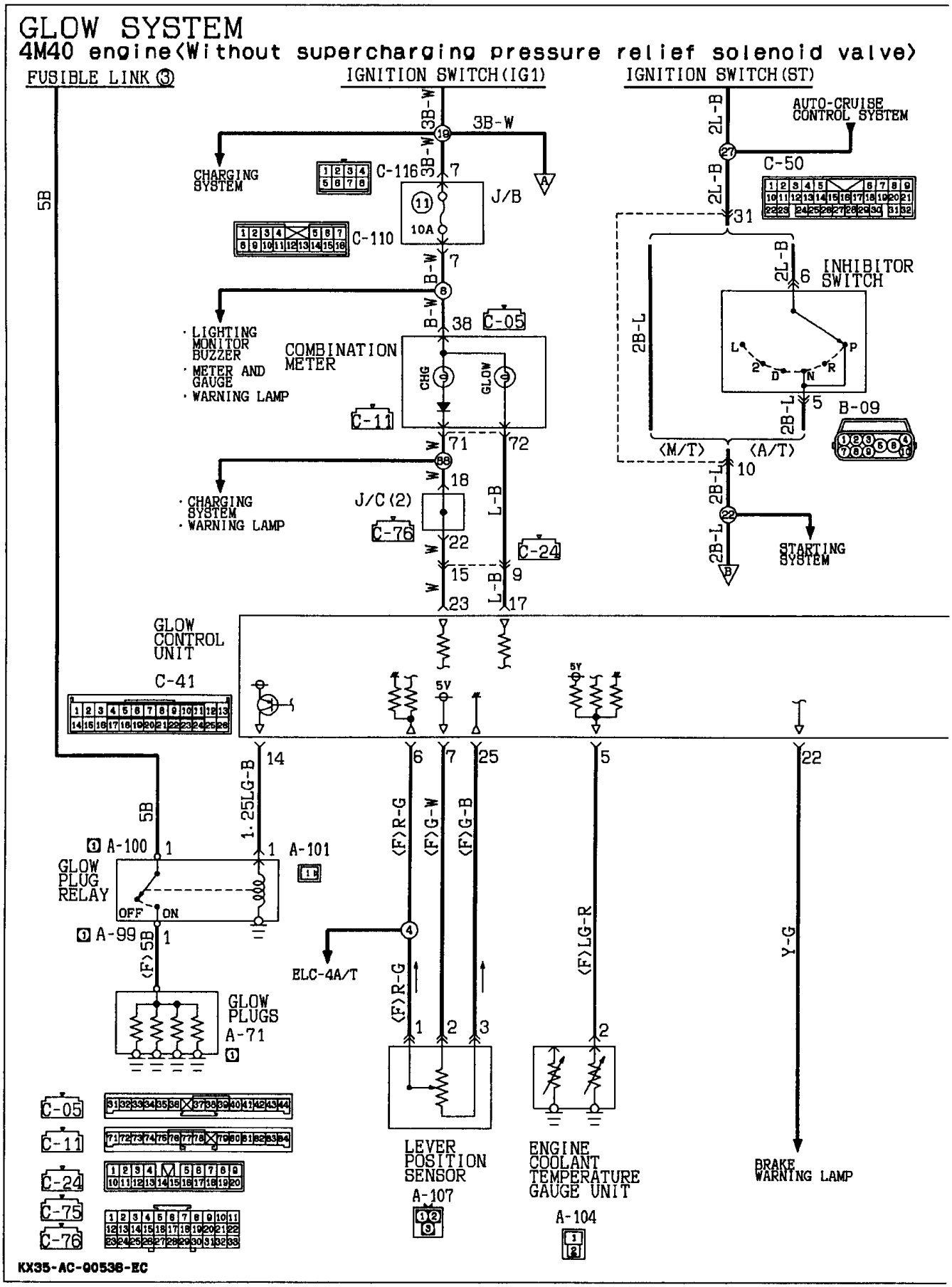


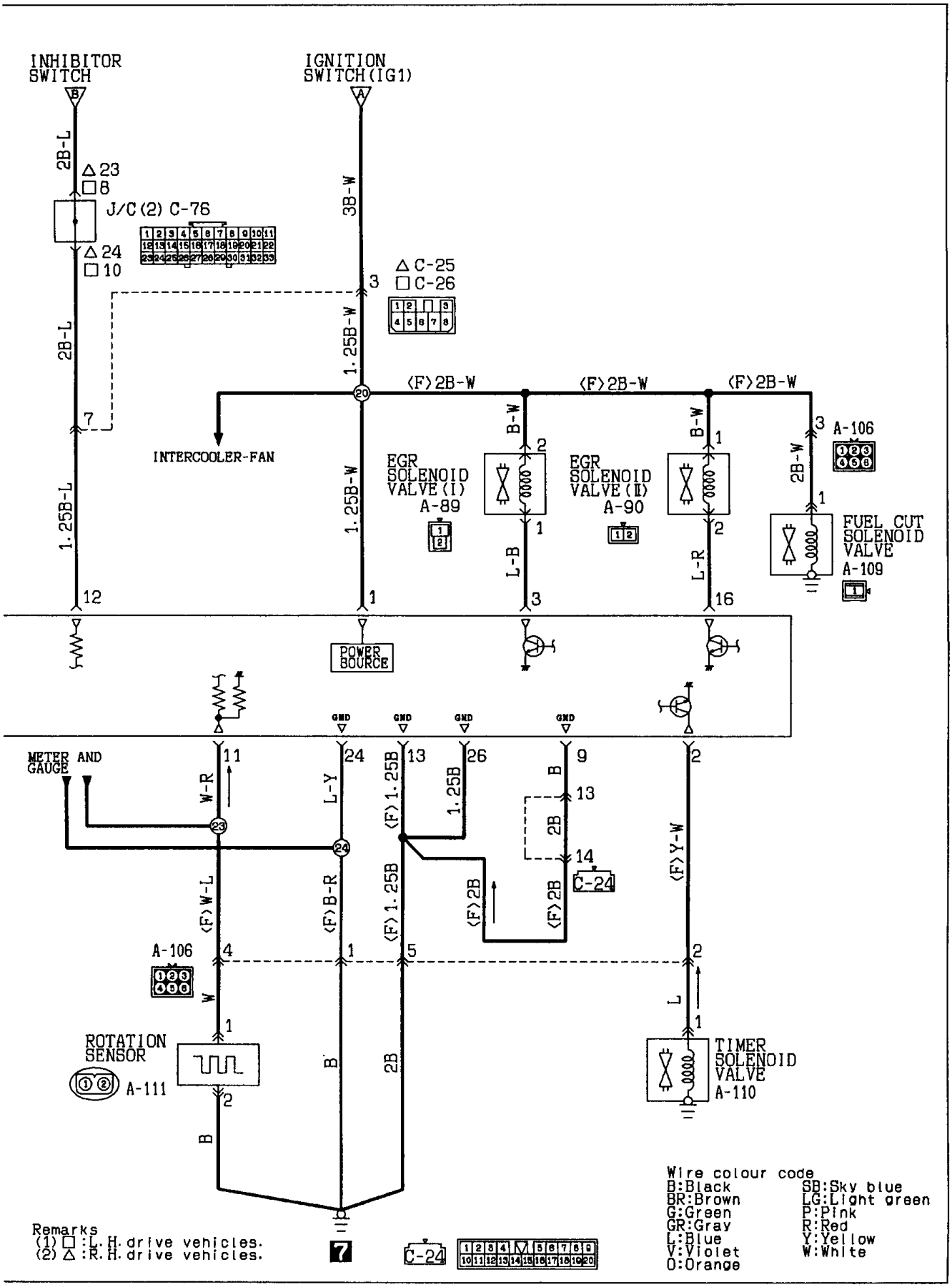
Wire colour code

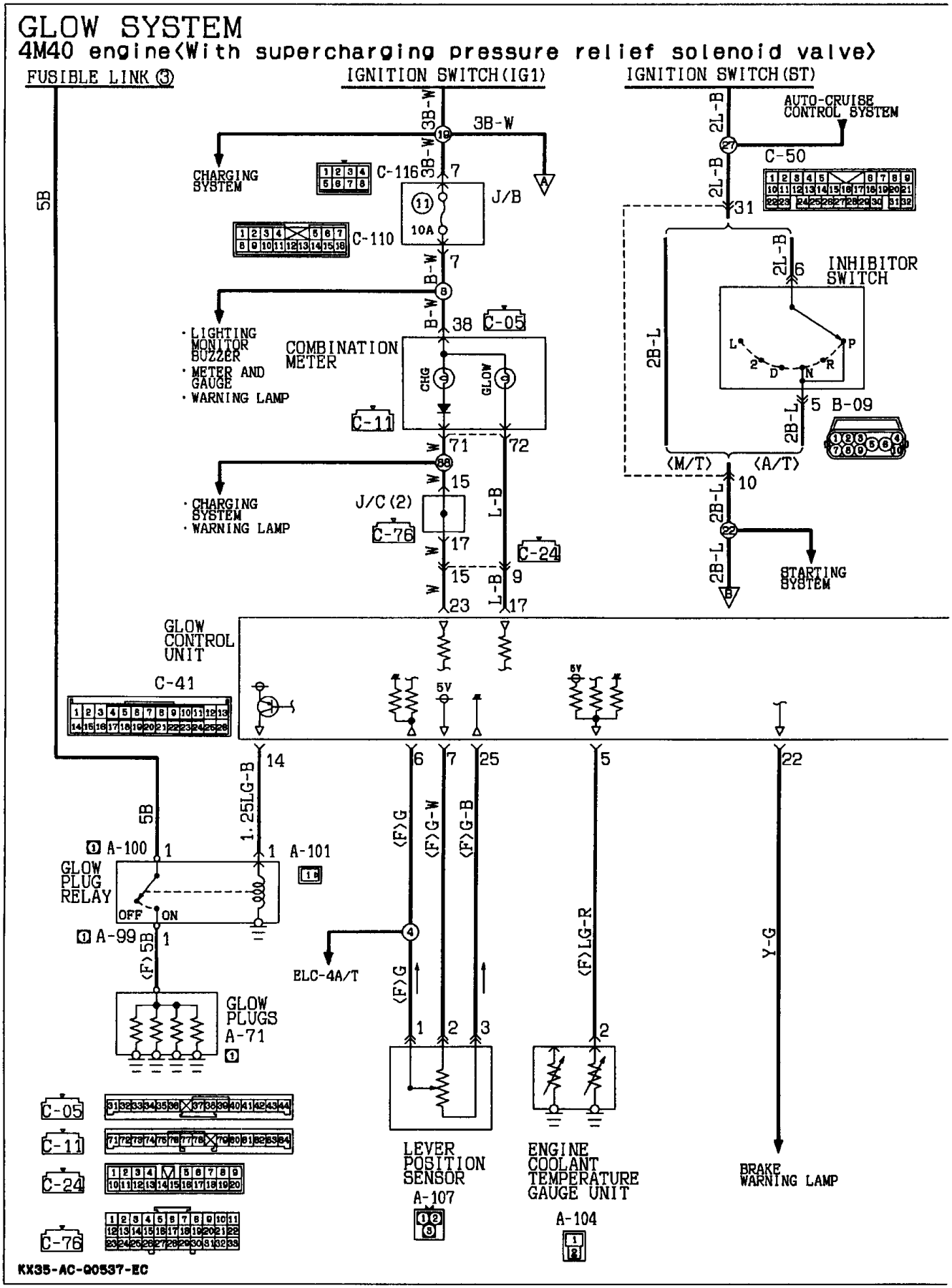
B:Black	LG:Light green	G:Green	L:Blue	W:White	Y:Yellow	SB:Sky blue
BR:Brown	O:Orange	GR:Gray	R:Red	P:Pink	V:Violet	

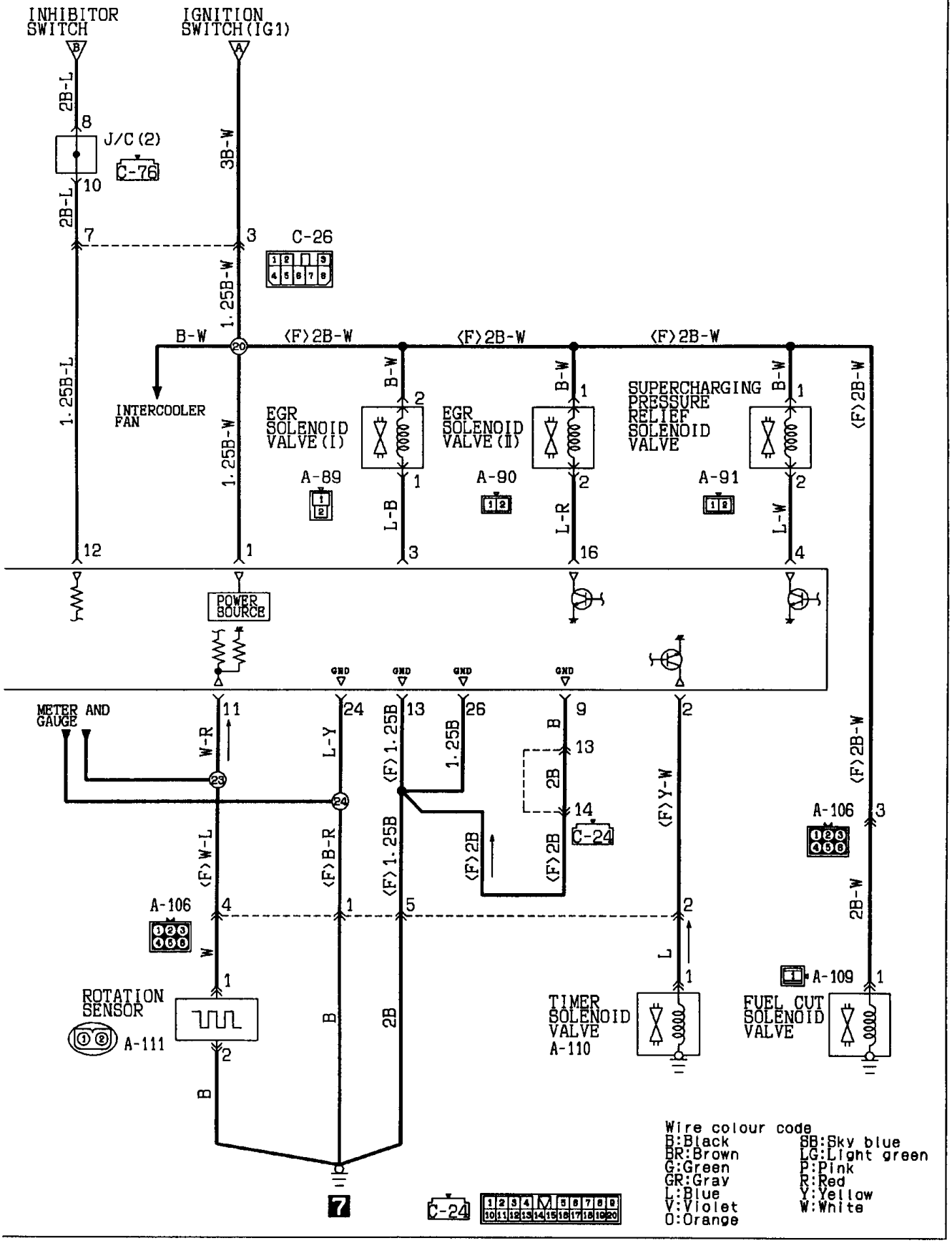


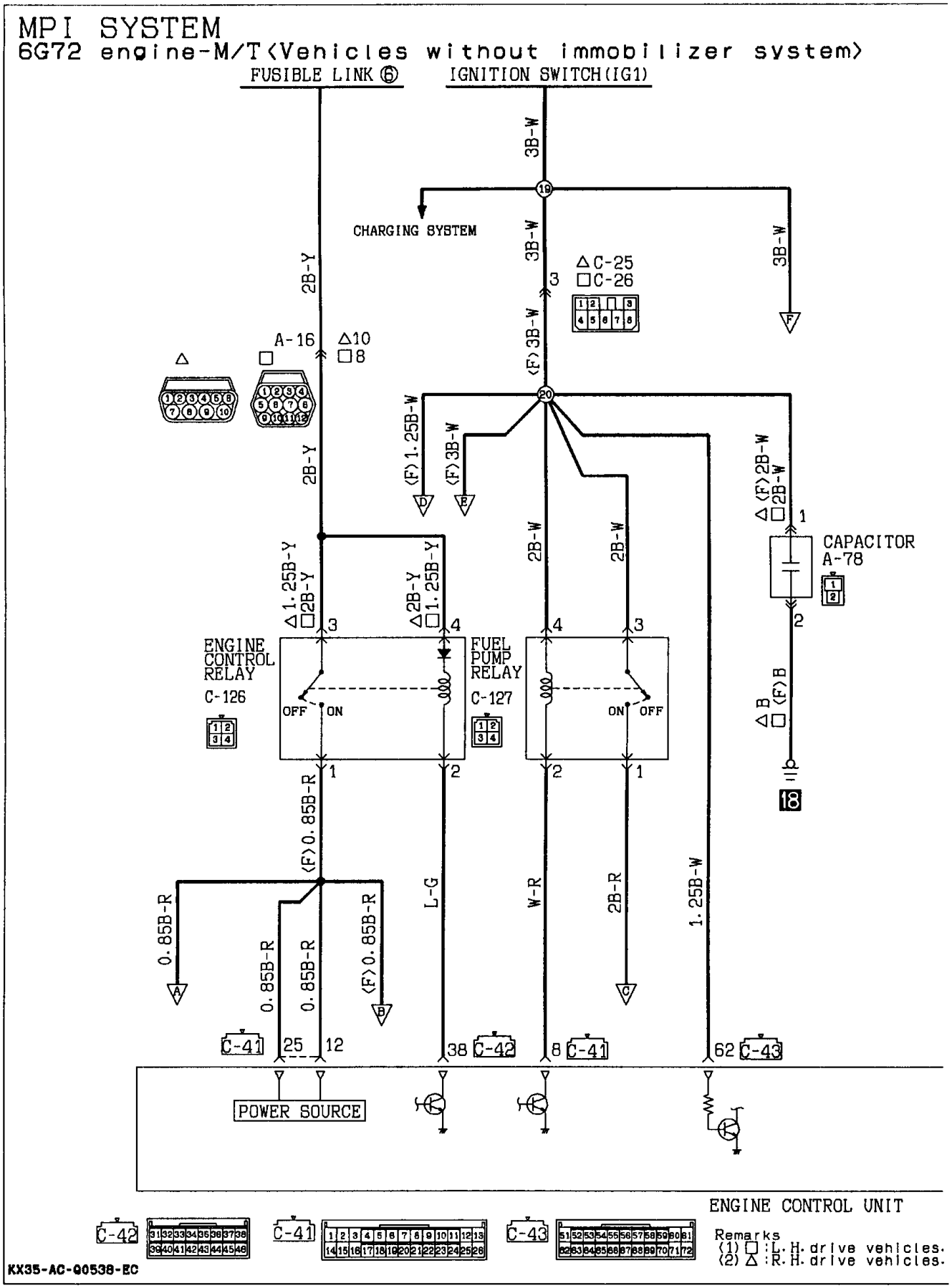
Remarks
(1) □ : L.H. drive vehicles.
(2) △ : R.H. drive vehicles.

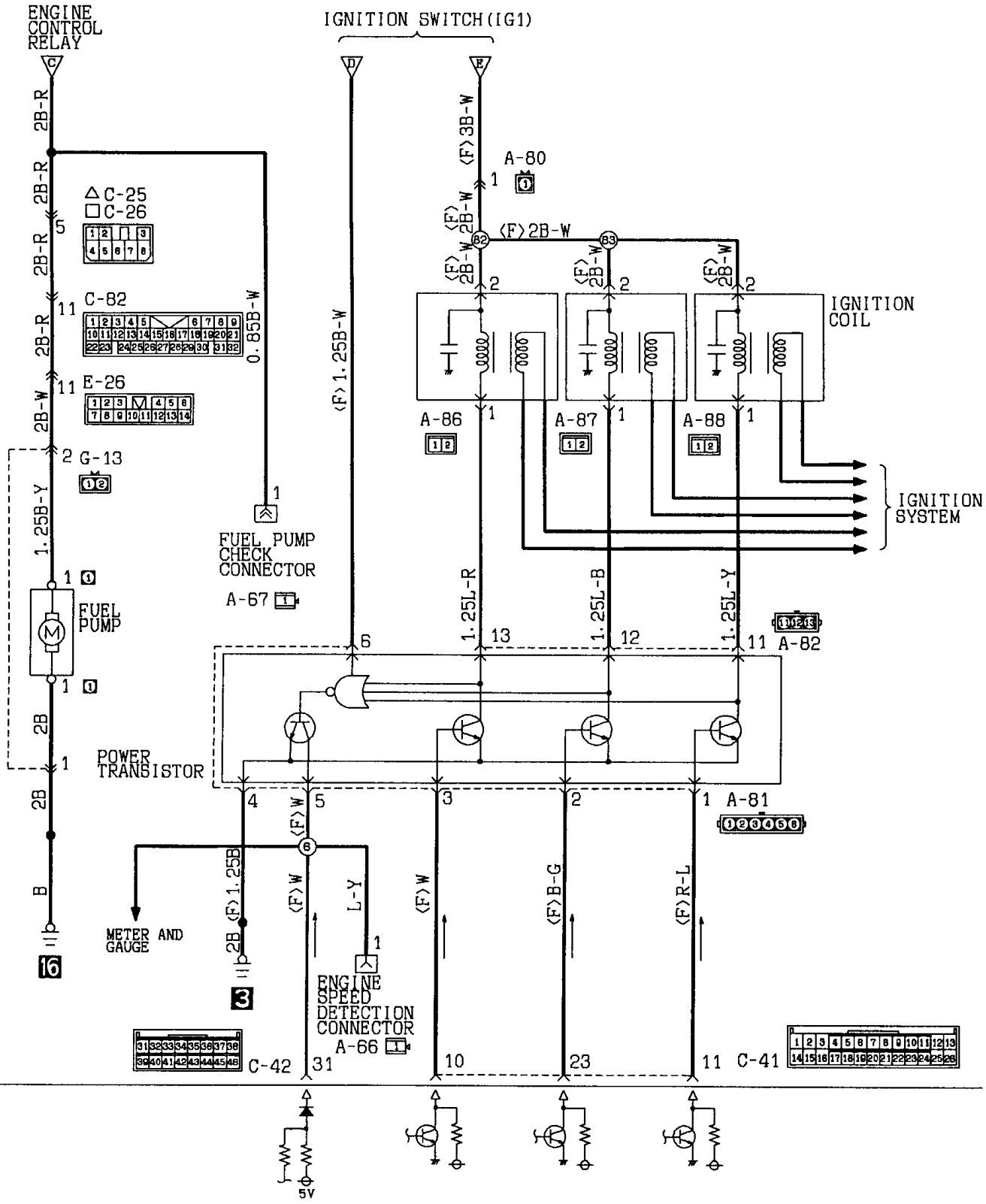

GLOW SYSTEM
4M40 engine<Without supercharging pressure relief solenoid valve>
FUSIBLE LINK ③
IGNITION SWITCH(IG1)
IGNITION SWITCH(ST)
AUTO-CRUISE CONTROL SYSTEM
CHARGING SYSTEM
C-116
J/B
10A
C-110
· LIGHTING MONITOR BUZZER
· METER AND GAUGE
· WARNING LAMP
COMBINATION METER
CHG
GLOW
C-05
C-11
· CHARGING SYSTEM
· WARNING LAMP
J/C(2)
C-76
C-24
C-50
INHIBITOR SWITCH
B-09
<M/T>
<A/T>
STARTING SYSTEM
GLOW CONTROL UNIT
C-41
5V
A-100
A-101
GLOW PLUG RELAY
OFF
ON
A-99
GLOW PLUGS
A-71
ELC-4A/T
LEVER POSITION SENSOR
A-107
ENGINE COOLANT TEMPERATURE GAUGE UNIT
A-104
BRAKE WARNING LAMP
KX35-AC-00536-EC


INHIBITOR SWITCH
IGNITION SWITCH(IG1)
2B-L
△23
□8
J/C(2) C-76
△24
□10
3B-W
△C-25
□C-26
1.25B-W
(F)2B-W
(F)2B-W
(F)2B-W
INTERCOOLER-FAN
EGR SOLENOID VALVE(I) A-89
EGR SOLENOID VALVE(II) A-90
B-W
A-106
FUEL CUT SOLENOID VALVE A-109
1.25B-L
L-B
L-R
POWER SOURCE
GND
METER AND GAUGE
W-R
L-Y
1.25B
B
2B
(F)Y-W
(F)W-L
(F)B-R
(F)2B
C-24
A-106
W
L
ROTATION SENSOR
A-111
TIMER SOLENOID VALVE A-110
Wire colour code
B:Black
BR:Brown
G:Green
GR:Gray
L:Blue
V:Violet
O:Orange
SB:Sky blue
LG:Light green
P:Pink
R:Red
Y:Yellow
W:White
Remarks
(1) □ :L.H.drive vehicles.
(2) △ :R.H.drive vehicles.


GLOW SYSTEM
4M40 engine<With supercharging pressure relief solenoid valve>
FUSIBLE LINK ③
IGNITION SWITCH(IG1)
IGNITION SWITCH(ST)
AUTO-CRUISE CONTROL SYSTEM
C-50
C-116
C-110
J/B
10A
CHARGING SYSTEM
· LIGHTING
· METER AND GAUGE
· WARNING LAMP
COMBINATION METER
CHG
GLOW
C-05
C-11
INHIBITOR SWITCH
B-09
(M/T)
(A/T)
· CHARGING SYSTEM
· WARNING LAMP
J/C (2)
C-76
C-24
STARTING SYSTEM
GLOW CONTROL UNIT
C-41
5V
A-100
A-101
GLOW PLUG RELAY
OFF
ON
A-99
GLOW PLUGS A-71
ELC-4A/T
LEVER POSITION SENSOR A-107
ENGINE COOLANT TEMPERATURE GAUGE UNIT A-104
BRAKE WARNING LAMP
5B
3B-W
2L-B
2B-L
B-W
L-B
1.25LG-B
(F)G
(F)G-W
(F)G-B
(F)LG-R
Y-G
KX35-AC-00537-EC


INHIBITOR SWITCH
IGNITION SWITCH(IG1)
J/C(2)
C-76
C-26
INTERCOOLER FAN
EGR SOLENOID VALVE(I)
EGR SOLENOID VALVE(II)
SUPERCHARGING PRESSURE RELIEF SOLENOID VALVE
A-89
A-90
A-91
POWER SOURCE
METER AND GAUGE
A-106
ROTATION SENSOR
A-111
TIMER SOLENOID VALVE
A-110
FUEL CUT SOLENOID VALVE
A-109
C-24
Wire colour code
B:Black
BR:Brown
G:Green
GR:Gray
L:Blue
V:Violet
O:Orange
SB:Sky blue
LG:Light green
P:Pink
R:Red
Y:Yellow
W:White

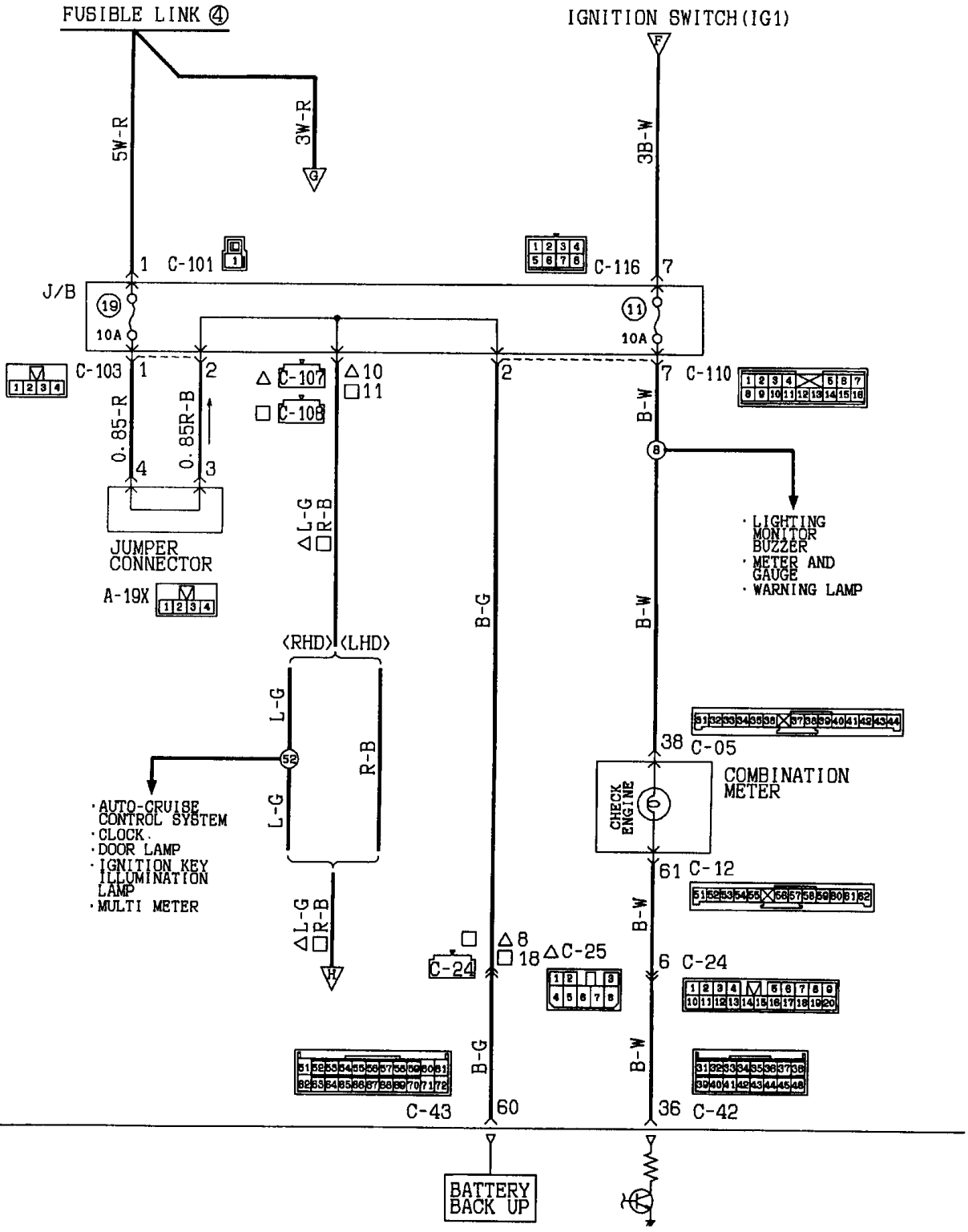

MPI SYSTEM
6G72 engine-M/T〈Vehicles without immobilizer system〉
FUSIBLE LINK ⑥
IGNITION SWITCH(IG1)
3B-W
CHARGING SYSTEM
2B-Y
△C-25
□C-26
A-16
△10
□8
(F)3B-W
(F)1.25B-W
(F)3B-W
(F)2B-W
2B-W
CAPACITOR
A-78
△1.25B-Y
□2B-Y
△2B-Y
□1.25B-Y
ENGINE CONTROL RELAY
C-126
FUEL PUMP RELAY
C-127
OFF
ON
△B
□(F)B
18
(F)0.85B-R
0.85B-R
L-G
W-R
2B-R
1.25B-W
C-41
C-42
C-43
POWER SOURCE
ENGINE CONTROL UNIT
Remarks
(1) □ : L.H. drive vehicles.
(2) △ : R.H. drive vehicles.
KX35-AC-00538-EC



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(6G72 engine-M/T(Vehicles without immobilizer system))(CONTINUED)

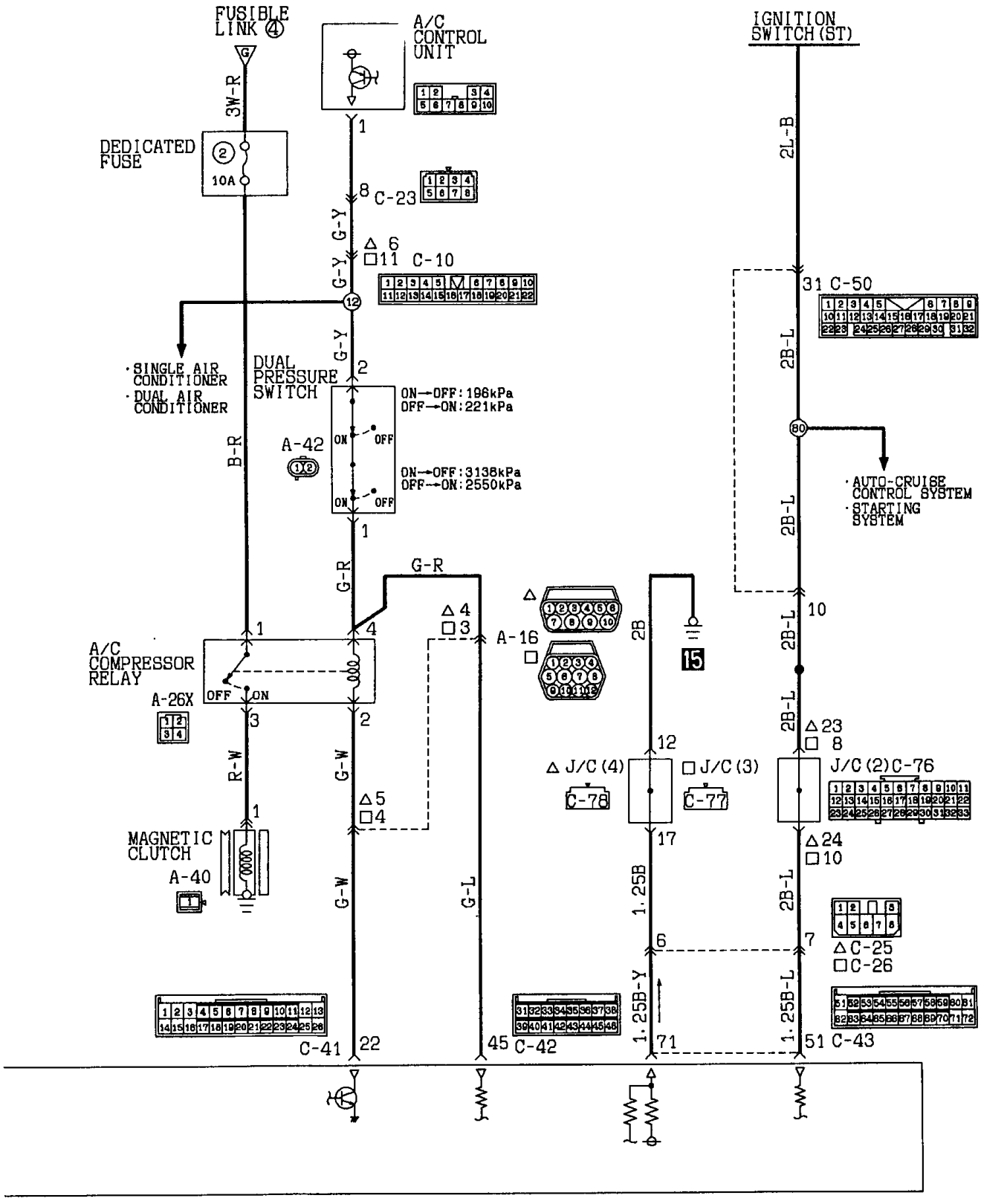


C-24 C-107 C-108

ENGINE CONTROL UNIT

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

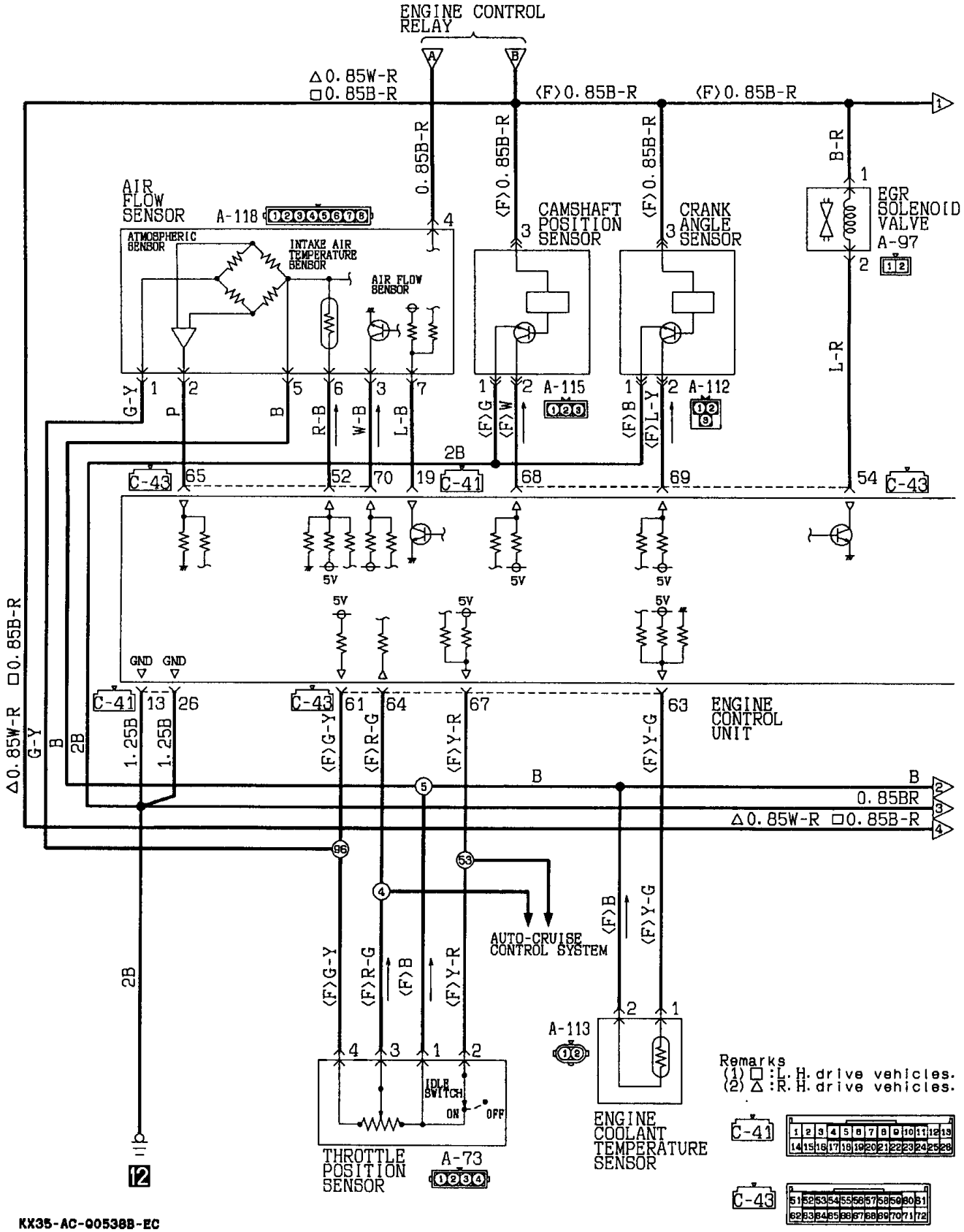
KX35-AC-G0538A-EC



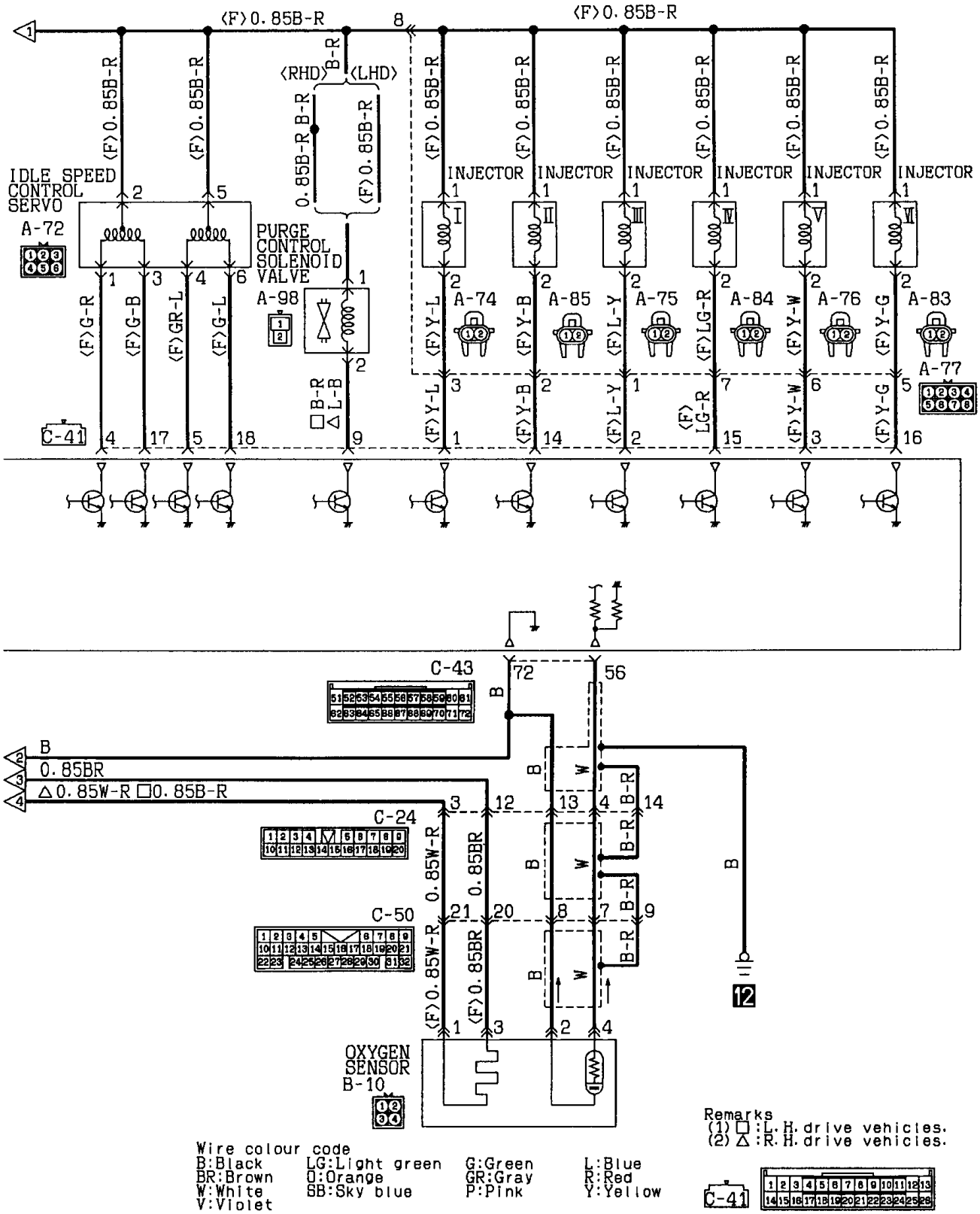
C-77
C-78

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

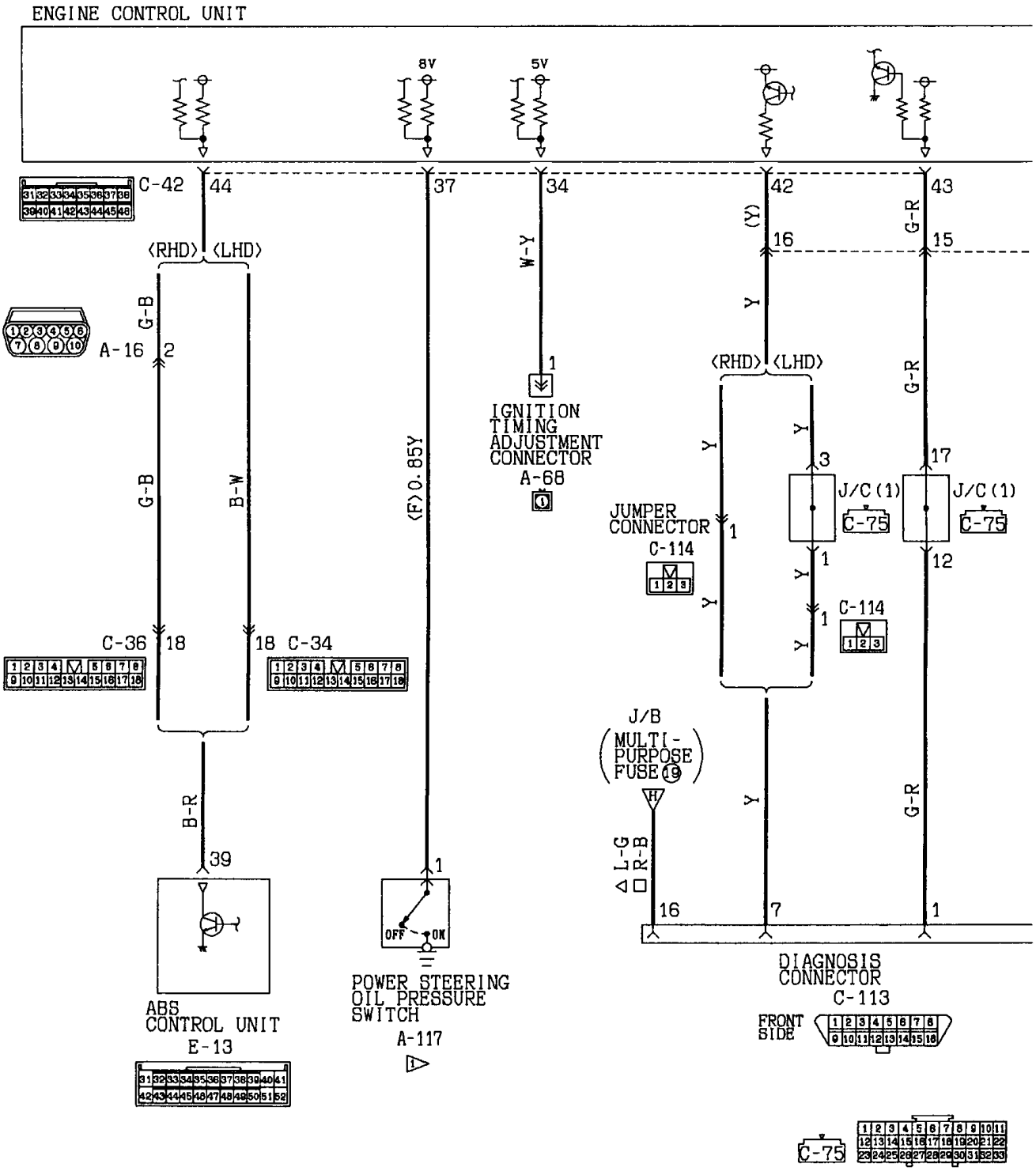
MPI SYSTEM<6G72 engine-M/T(Vehicles without immobilizer system)> (CONTINUED)

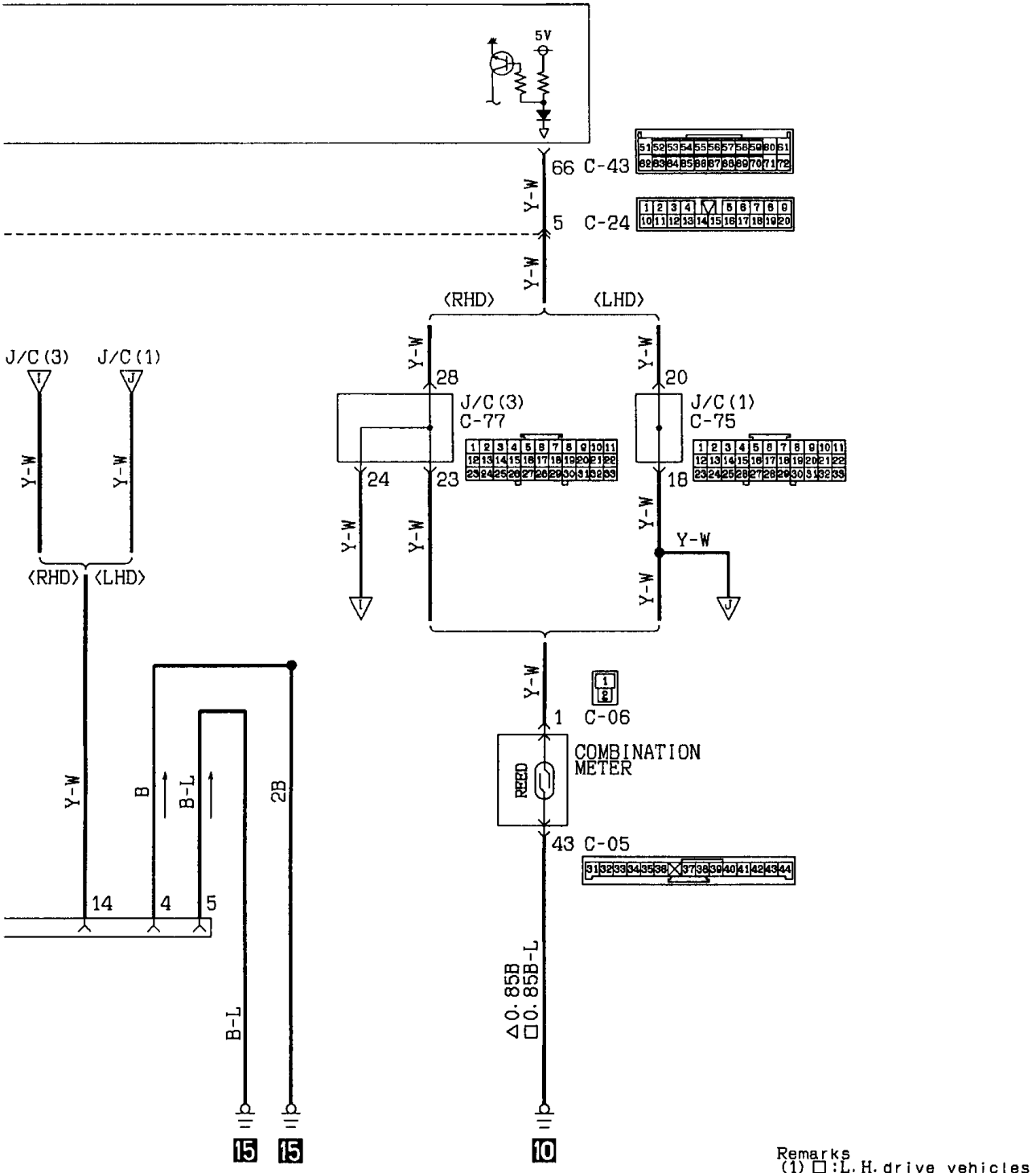


KX35-AC-00538B-EC


IDLE SPEED CONTROL SERVO
A-72
PURGE CONTROL SOLENOID VALVE
A-98
INJECTOR
A-74
A-85
A-75
A-84
A-76
A-83
A-77
C-41
C-43
C-24
C-50
OXYGEN SENSOR
B-10
12
Remarks
(1) □ : L. H. drive vehicles.
(2) △ : R. H. drive vehicles.
Wire colour code
B:Black
BR:Brown
W:White
V:Violet
LG:Light green
O:Orange
SB:Sky blue
G:Green
GR:Gray
P:Pink
L:Blue
R:Red
Y:Yellow

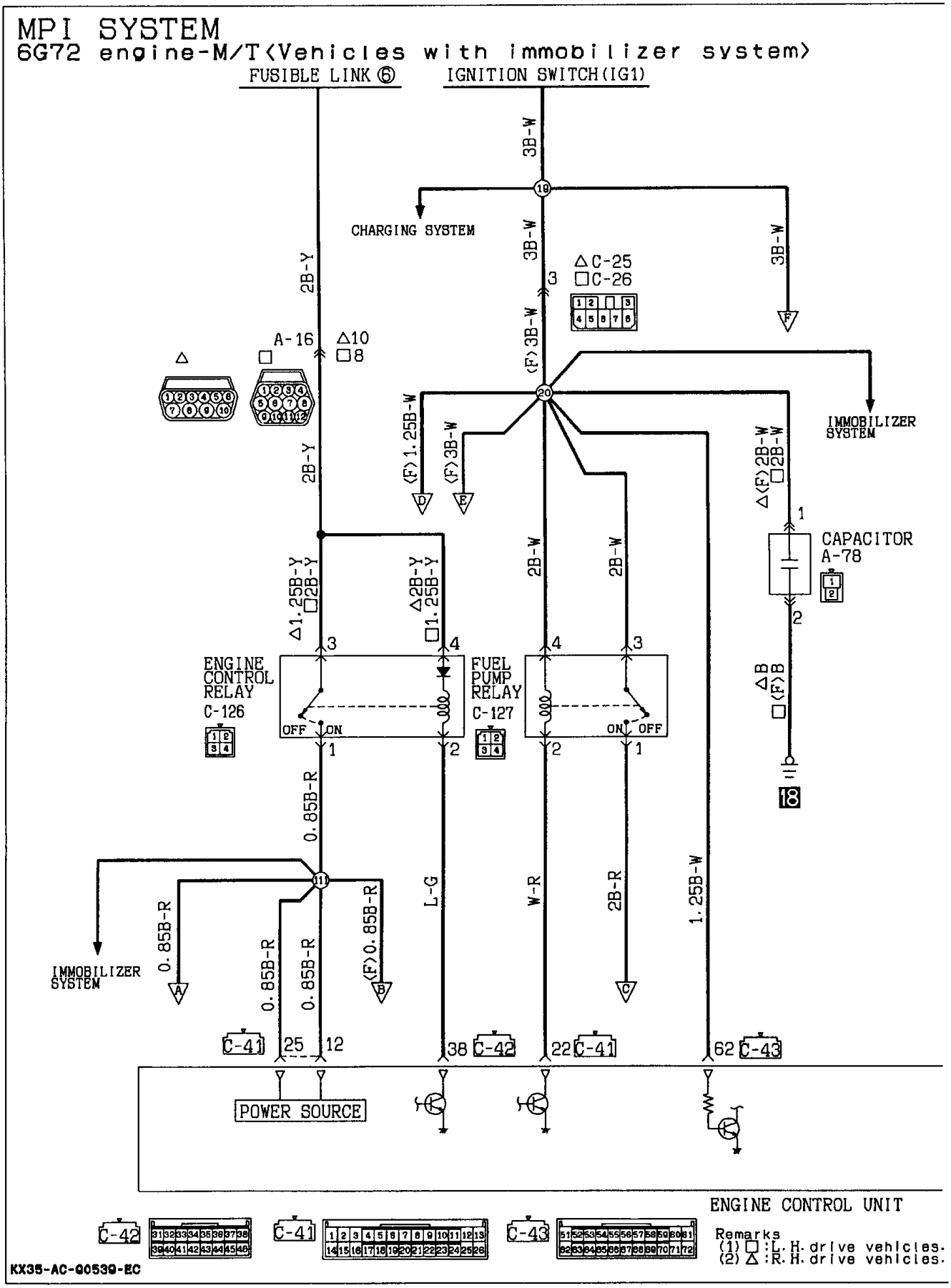
MPI SYSTEM<6G72 engine-M/T(Vehicles without immobilizer system)>(CONTINUED)

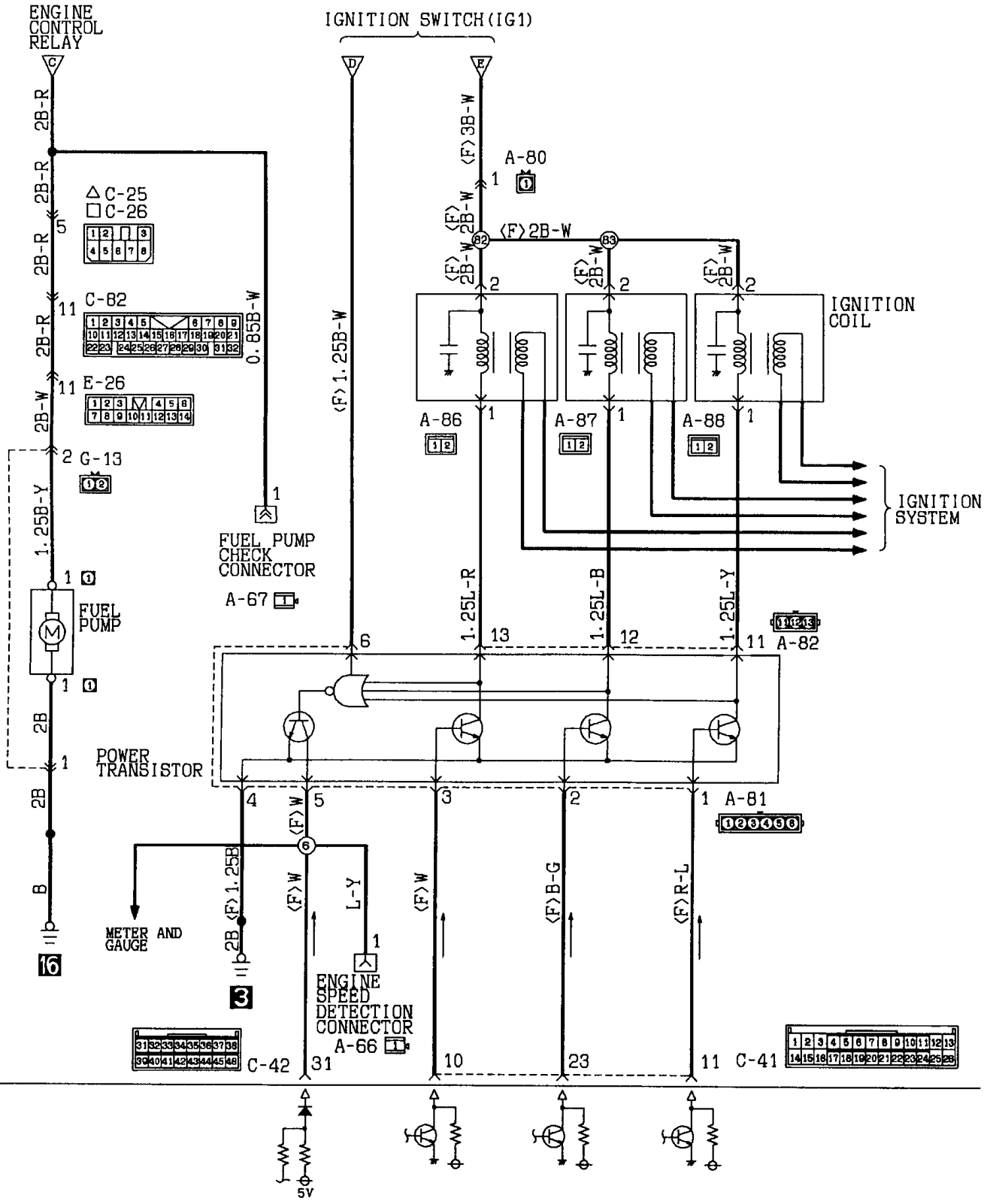




Remarks
(1) □ : L.H. drive vehicles
(2) △ : R.H. drive vehicles

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

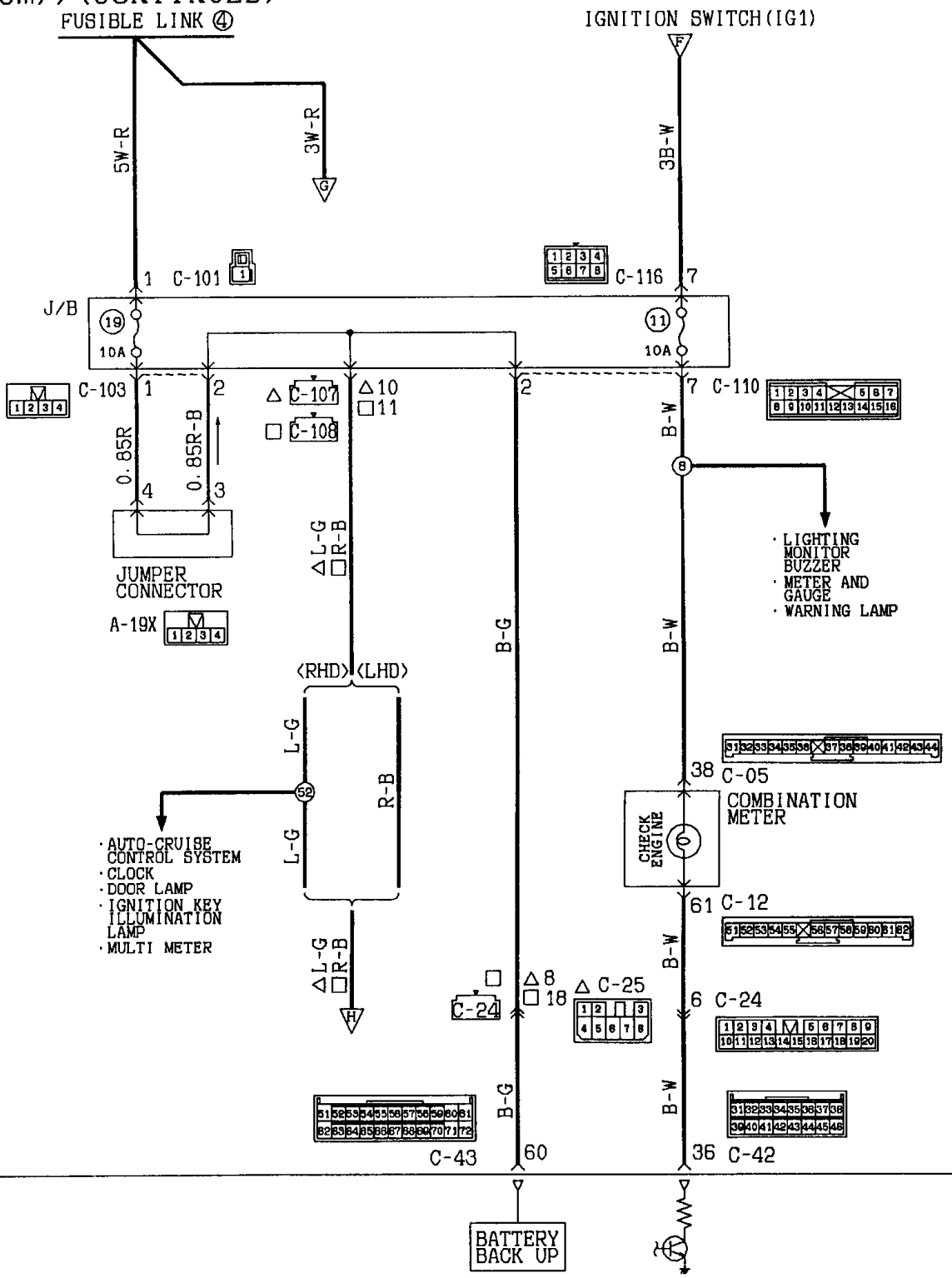

MPI SYSTEM
6G72 engine-M/T<Vehicles with immobilizer system>
FUSIBLE LINK ⑥
IGNITION SWITCH(IG1)
3B-W
CHARGING SYSTEM
△C-25
□C-26
A-16
△10
□8
2B-Y
(F)3B-W
(F)1.25B-W
(F)2B-W
IMMOBILIZER SYSTEM
CAPACITOR A-78
△1.25B-Y
□2B-Y
△2B-Y
□1.25B-Y
2B-W
ENGINE CONTROL RELAY C-126
FUEL PUMP RELAY C-127
OFF
ON
△B
□(F)B
18
0.85B-R
L-G
W-R
1.25B-W
IMMOBILIZER SYSTEM
(F)0.85B-R
C-41
C-42
C-43
POWER SOURCE
ENGINE CONTROL UNIT
Remarks
(1) □ : L.H. drive vehicles.
(2) △ : R.H. drive vehicles.
KX35-AC-00539-EC



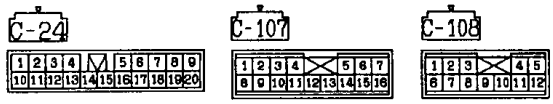
Wire colour code

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<6G72 engine-M/T(Vehicles with immobilizer system)>(CONTINUED)

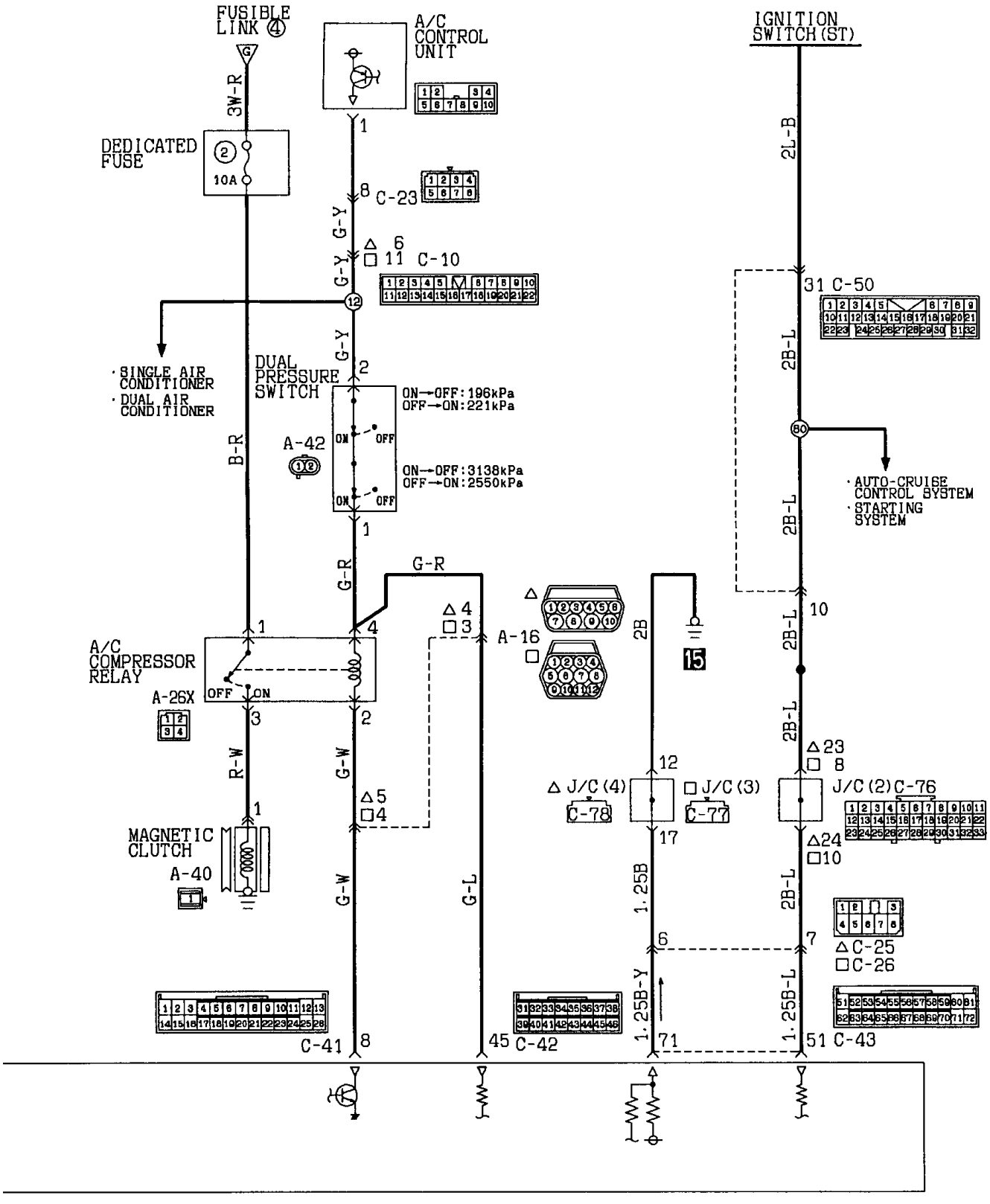


ENGINE CONTROL UNIT



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

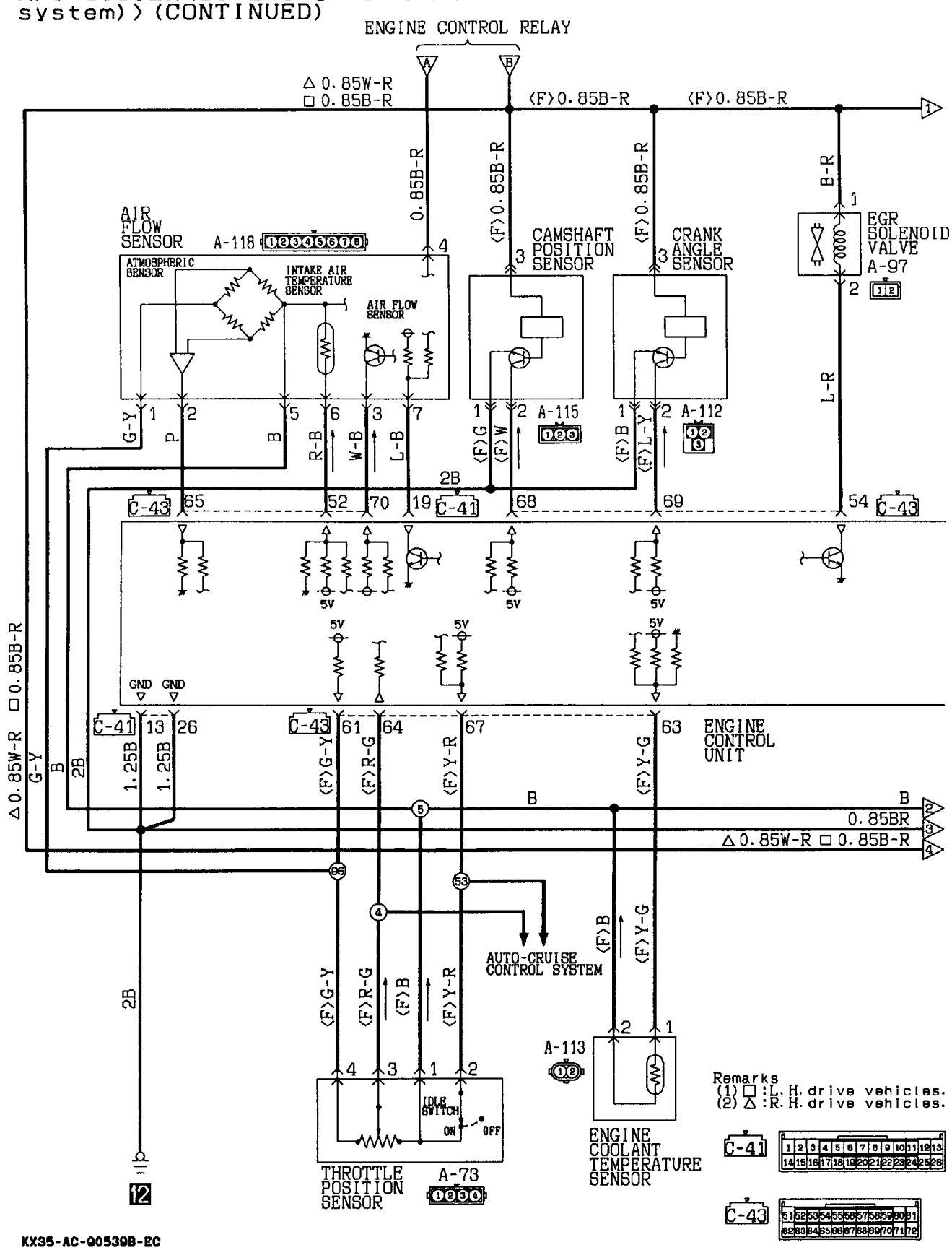
KX35-AC-00539A-EC



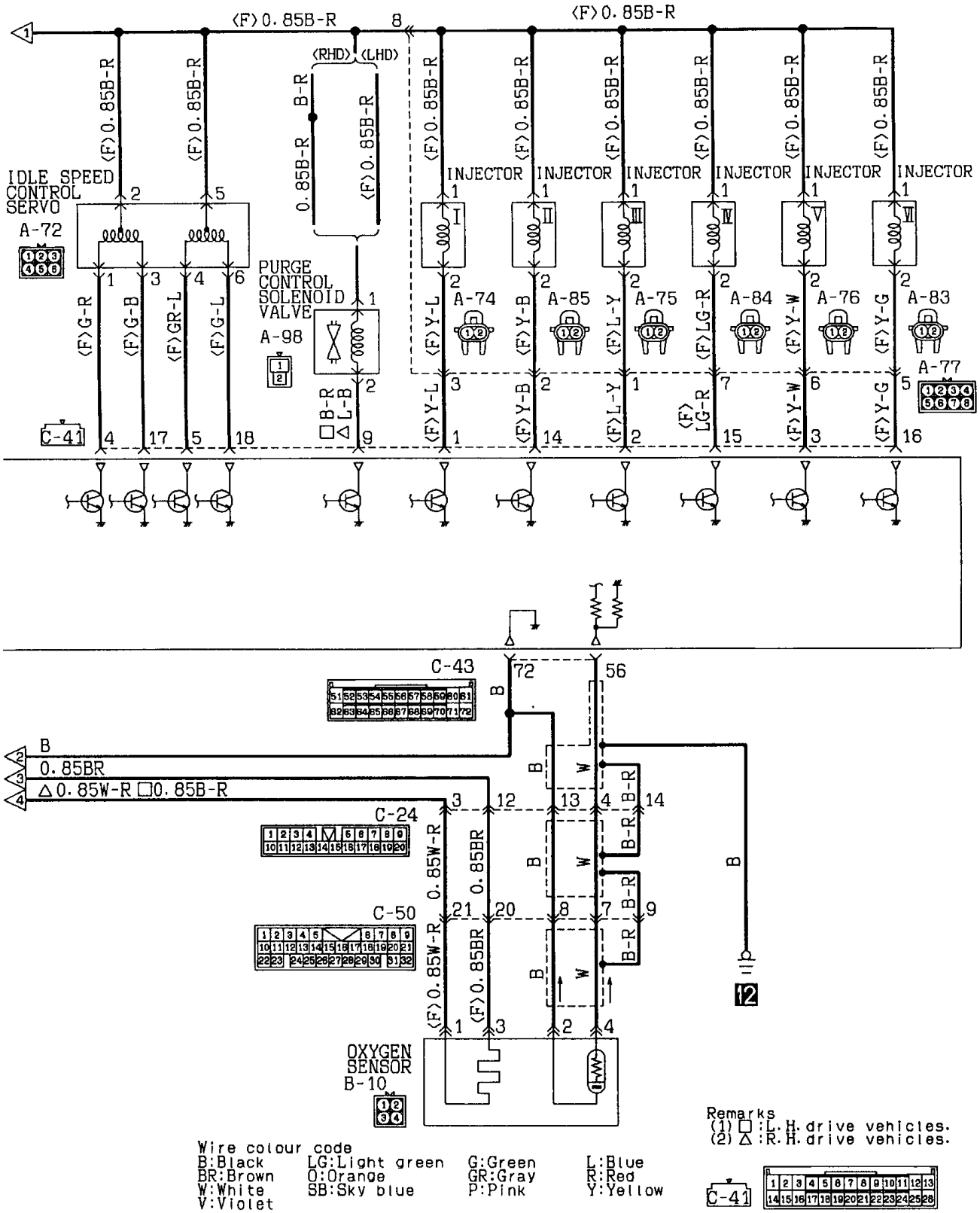
C-77
C-78

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

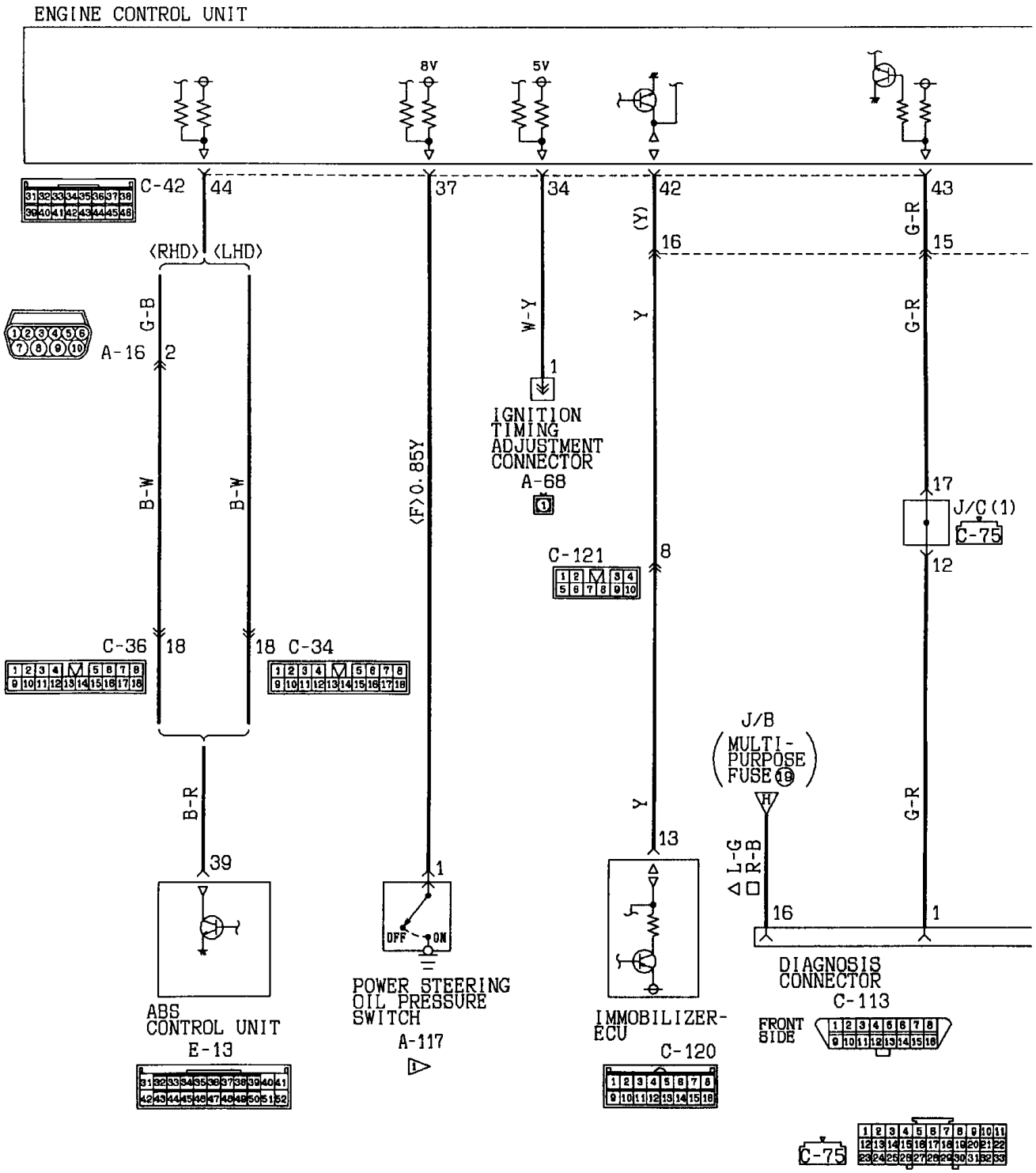
MPI SYSTEM<6G72 engine-M/T(Vehicles with immobilizer system)>(CONTINUED)

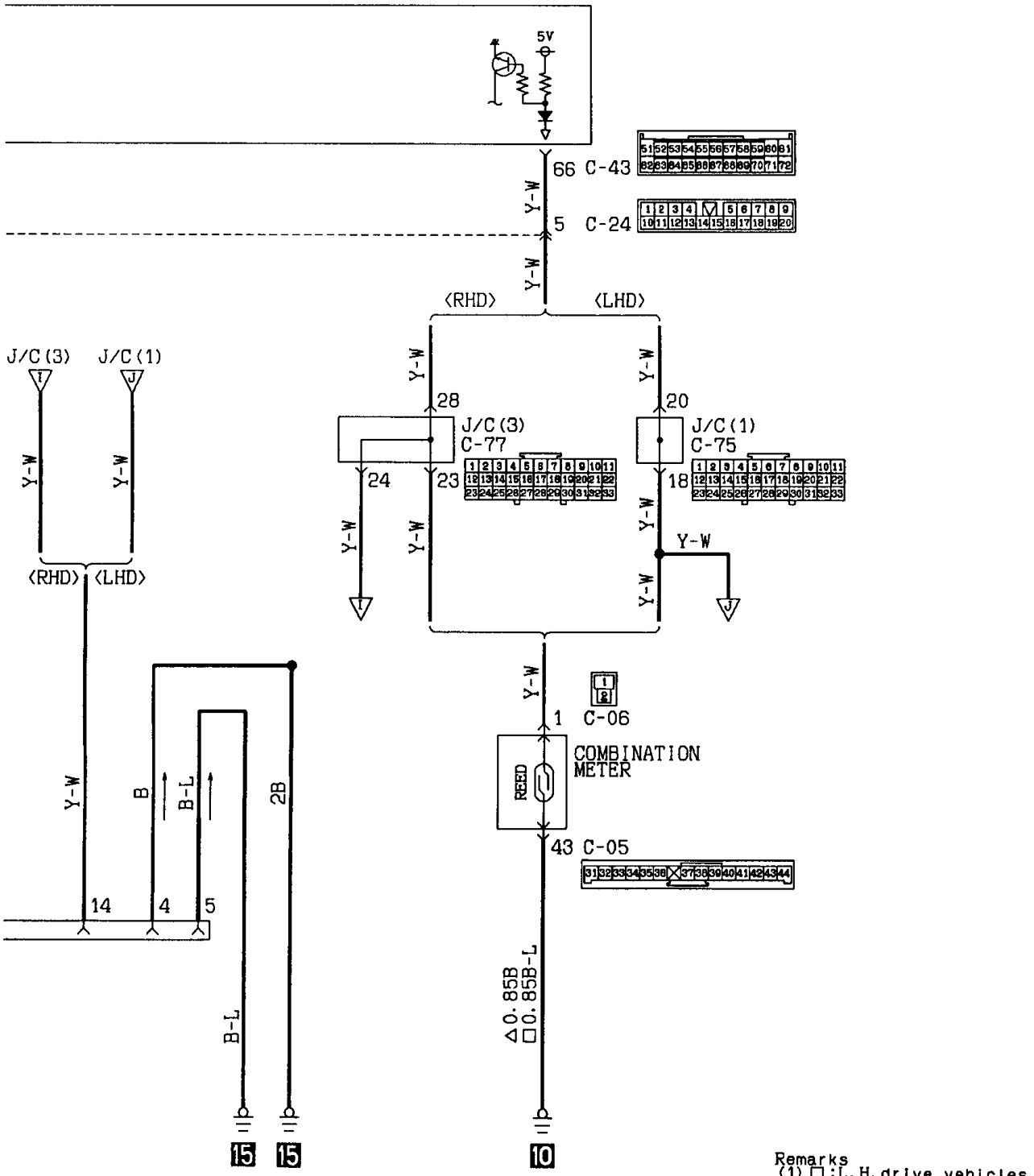


KX35-AC-00539B-EC


IDLE SPEED CONTROL SERVO
A-72
PURGE CONTROL SOLENOID VALVE
A-98
INJECTOR
A-74
A-85
A-75
A-84
A-76
A-83
A-77
C-41
C-43
C-24
C-50
OXYGEN SENSOR
B-10
(RHD)
(LHD)
Remarks
(1) □ :L.H. drive vehicles.
(2) △ :R.H. drive vehicles.
Wire colour code
B:Black
BR:Brown
W:White
V:Violet
LG:Light green
O:Orange
SB:Sky blue
G:Green
GR:Gray
P:Pink
L:Blue
R:Red
Y:Yellow

MPI SYSTEM<6G72 engine-M/T(Vehicles with immobilizer system)>(CONTINUED)

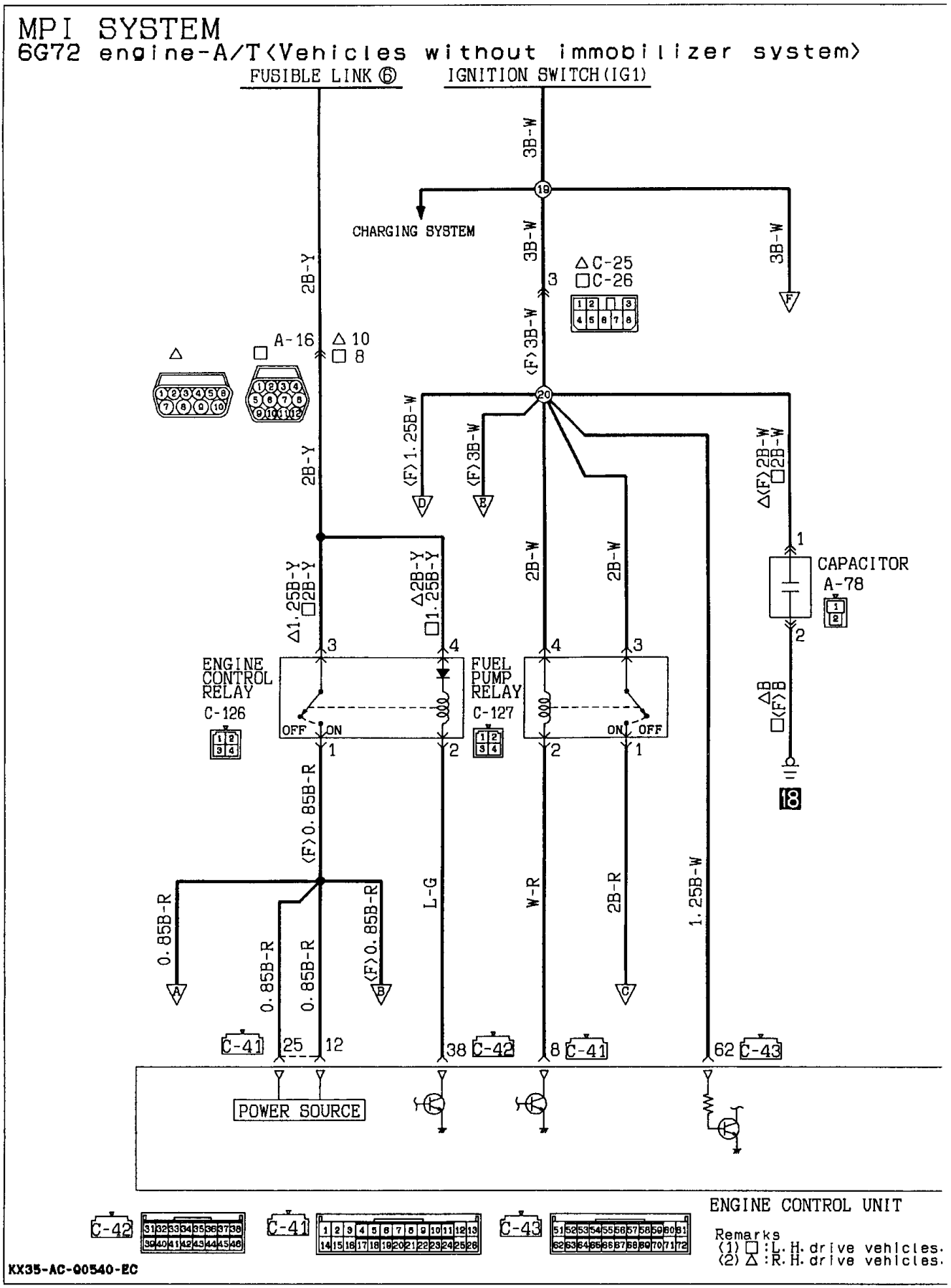


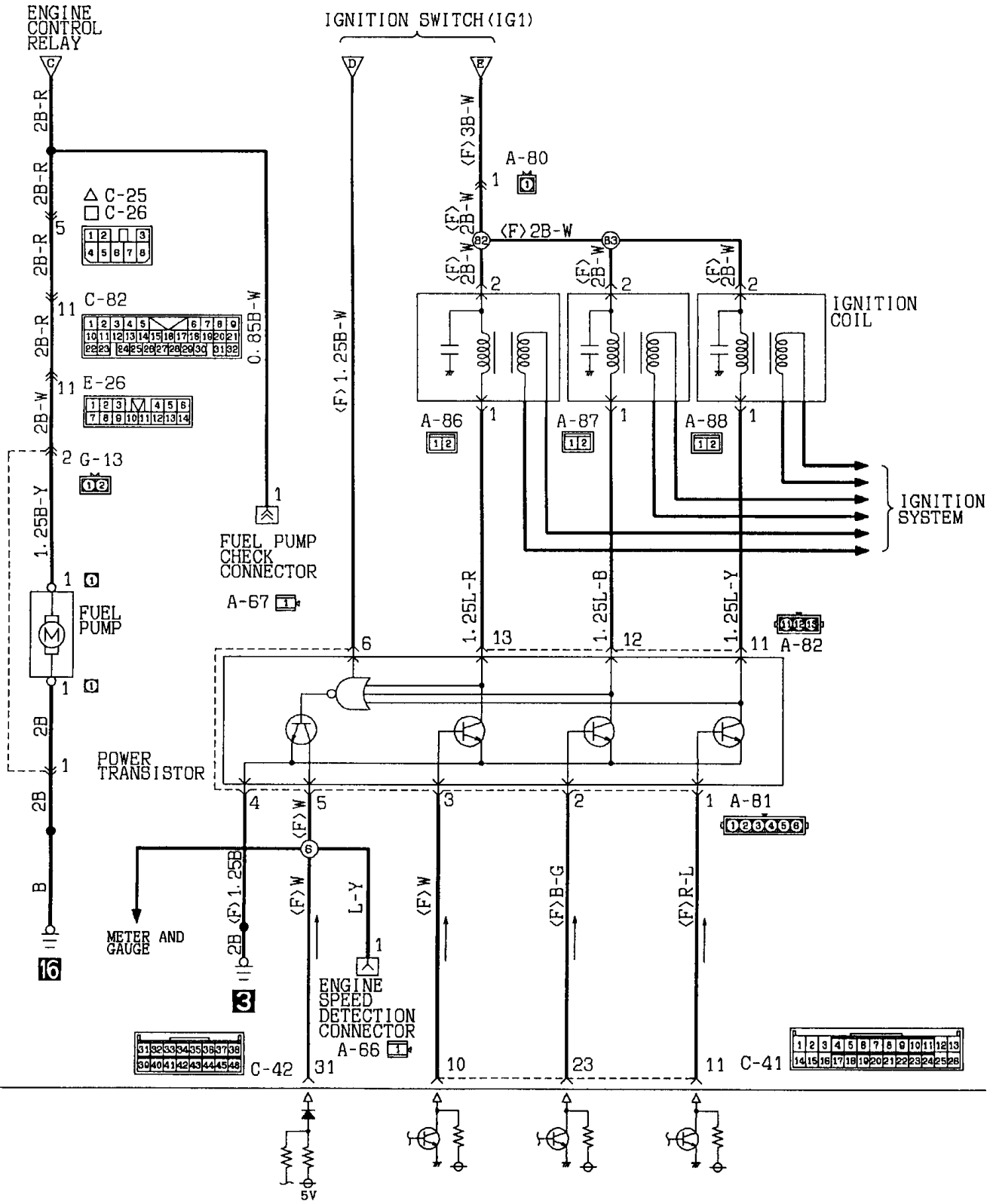


Remarks
(1) □ : L. H. drive vehicles
(2) △ : R. H. drive vehicles

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	

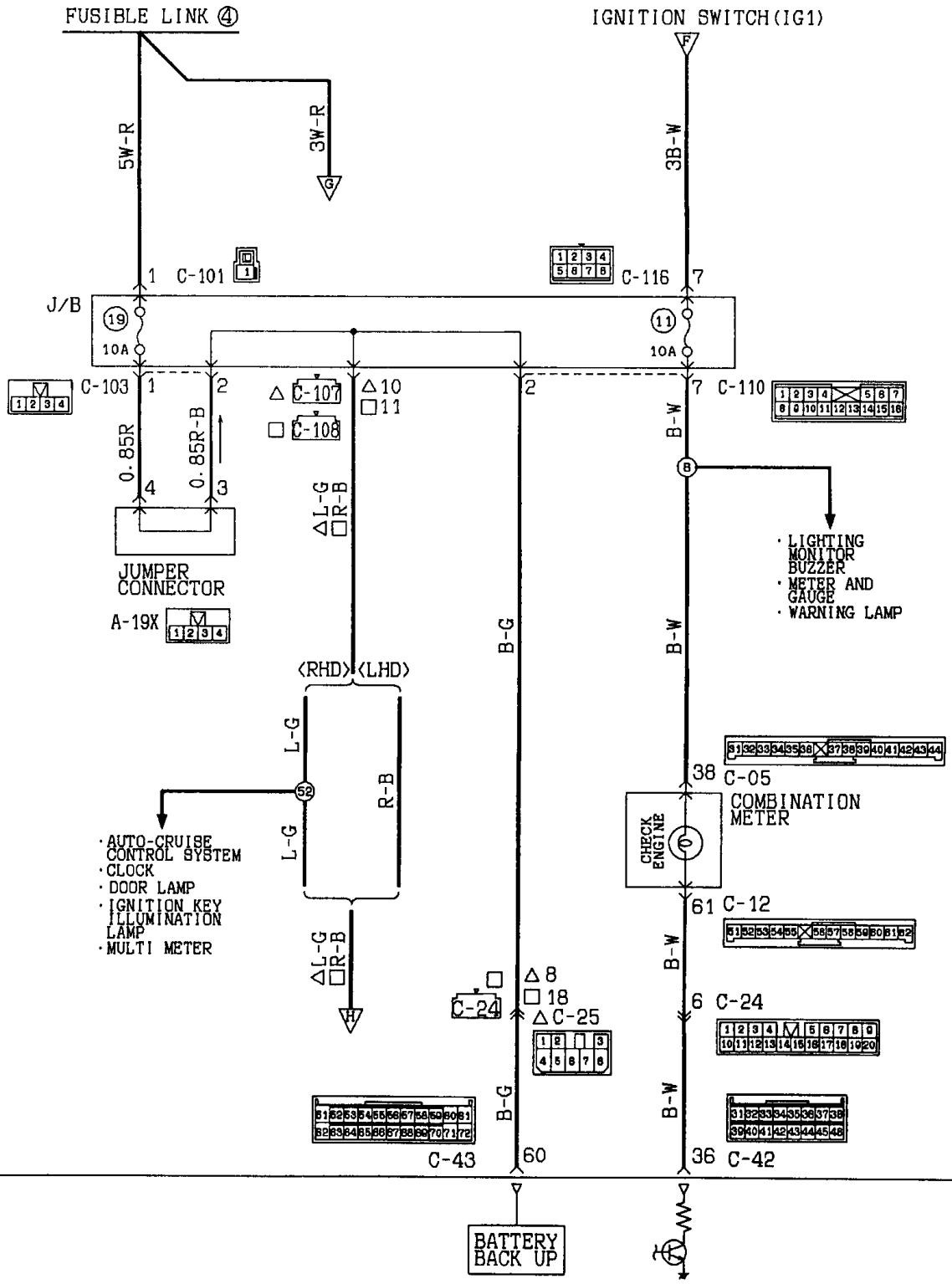

MPI SYSTEM
6G72 engine-A/T<Vehicles without immobilizer system>
FUSIBLE LINK ⑥
IGNITION SWITCH(IG1)
3B-W
CHARGING SYSTEM
△C-25
□C-26
2B-Y
A-16
△10
□8
<F>3B-W
<F>1.25B-W
<F>3B-W
△<F>2B-W
□2B-W
△1.25B-Y
□2B-Y
△2B-Y
□1.25B-Y
2B-W
CAPACITOR
A-78
ENGINE CONTROL RELAY
C-126
FUEL PUMP RELAY
C-127
OFF
ON
△B
□<F>B
<F>0.85B-R
0.85B-R
L-G
W-R
2B-R
1.25B-W
C-41
C-42
C-43
POWER SOURCE
ENGINE CONTROL UNIT
Remarks
(1) □ : L.H. drive vehicles.
(2) △ : R.H. drive vehicles.
KX35-AC-00540-EC



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<6G72 engine-A/T(Vehicles without immobilizer system)>(CONTINUED)

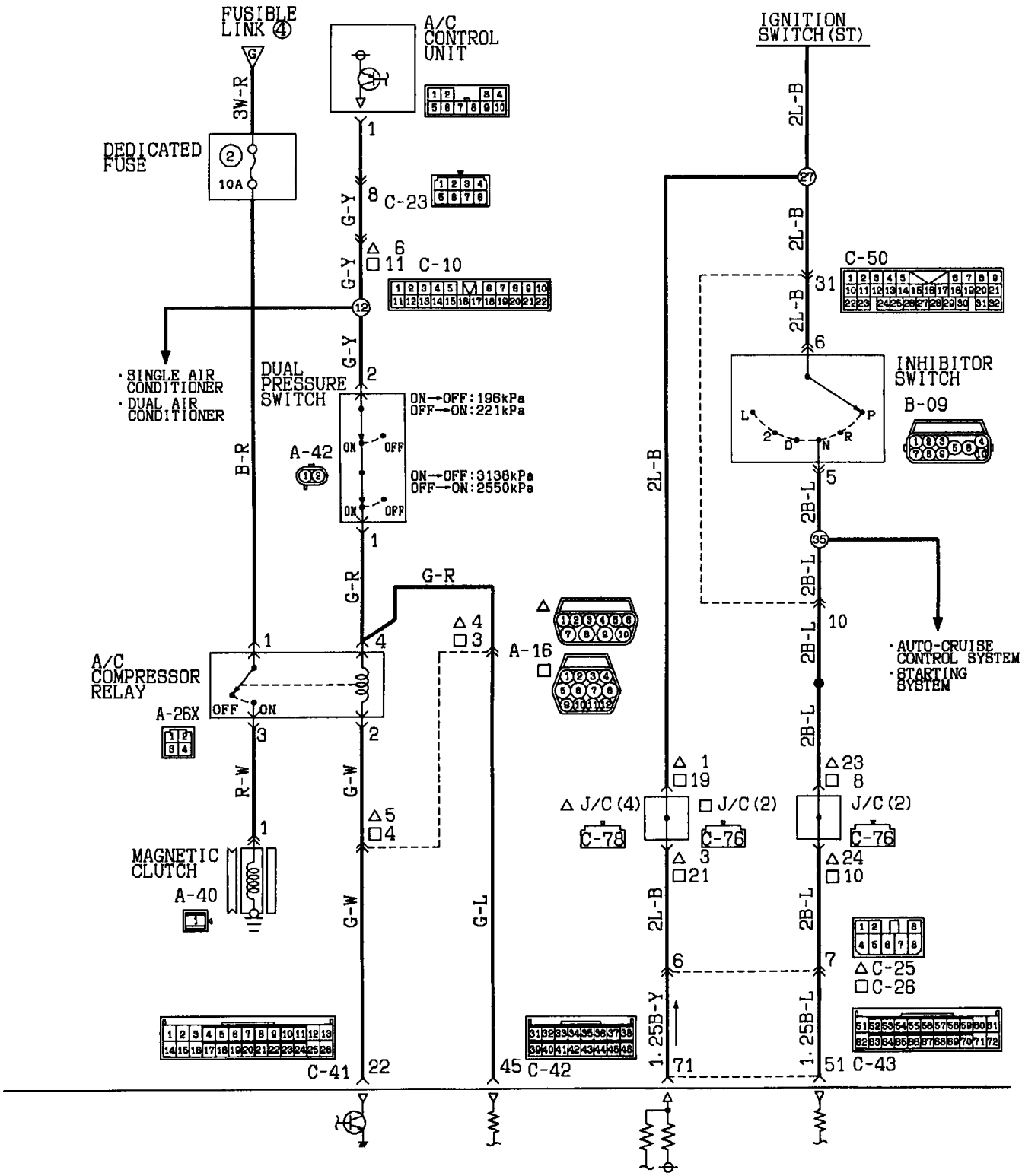


C-24 C-107 C-108

ENGINE CONTROL UNIT

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

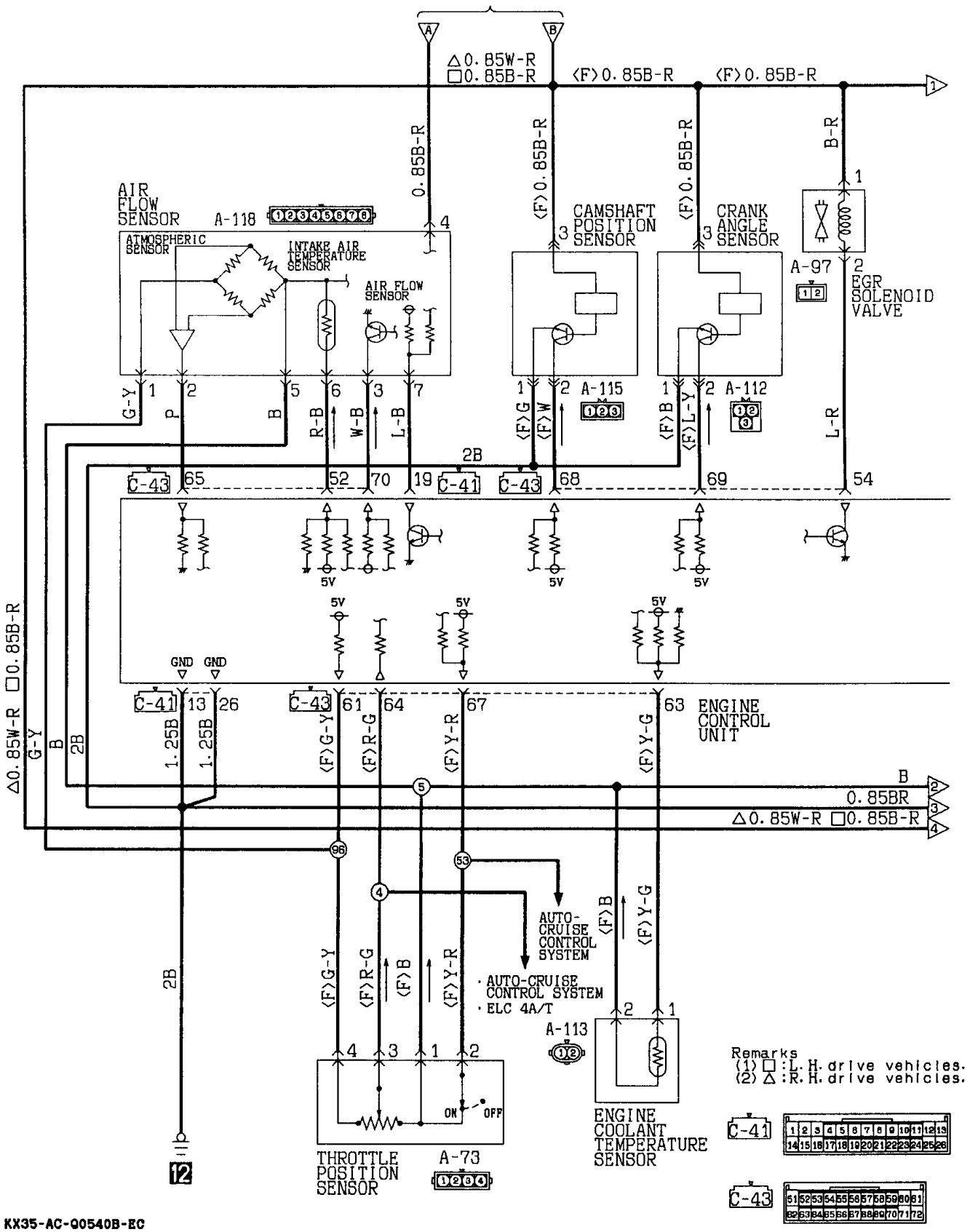
KX35-AC-00540A-EC



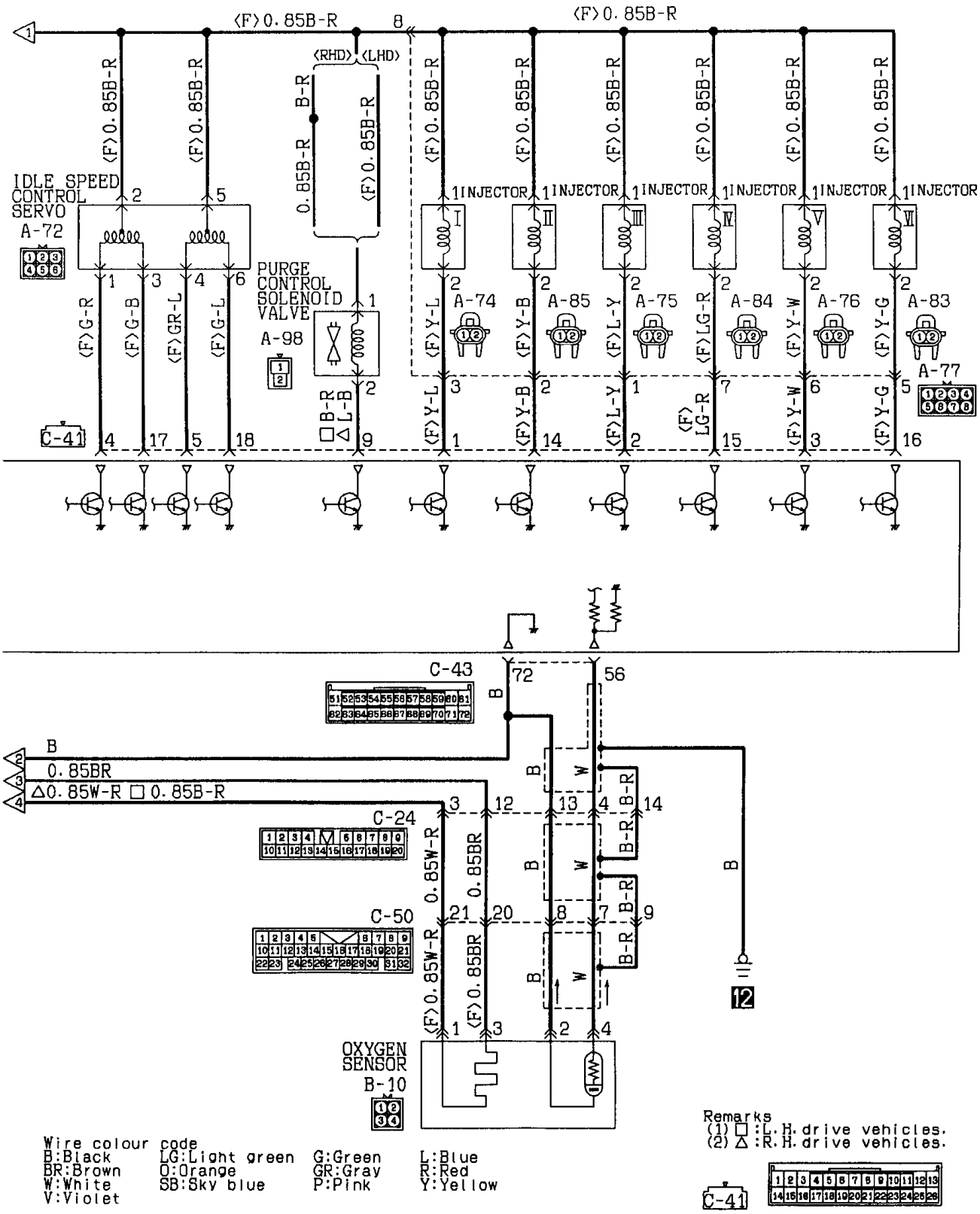
C-76
C-78

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

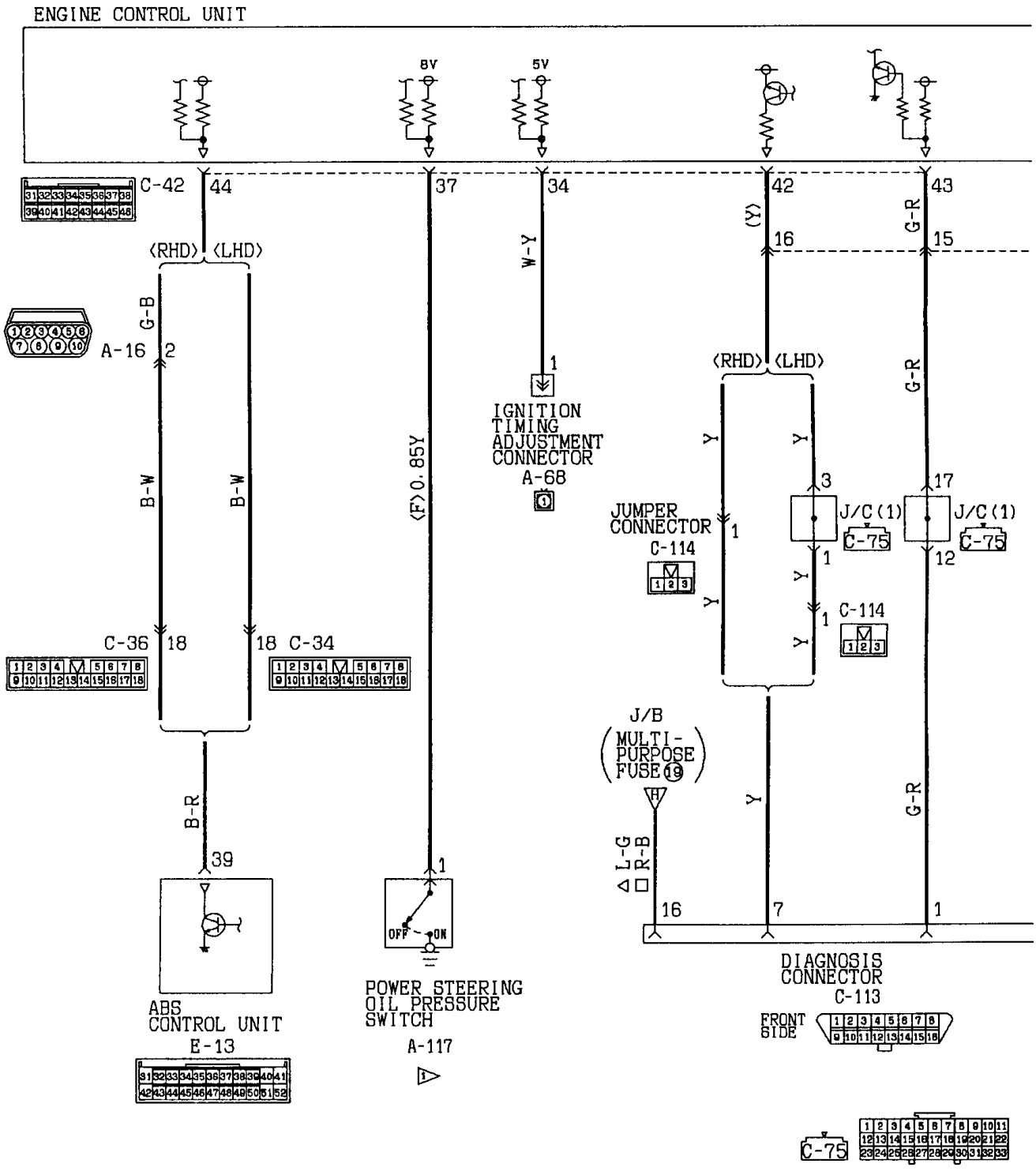
MPI SYSTEM<6G72 engine-A/T(Vehicles without immobilizer system)>(CONTINUED)

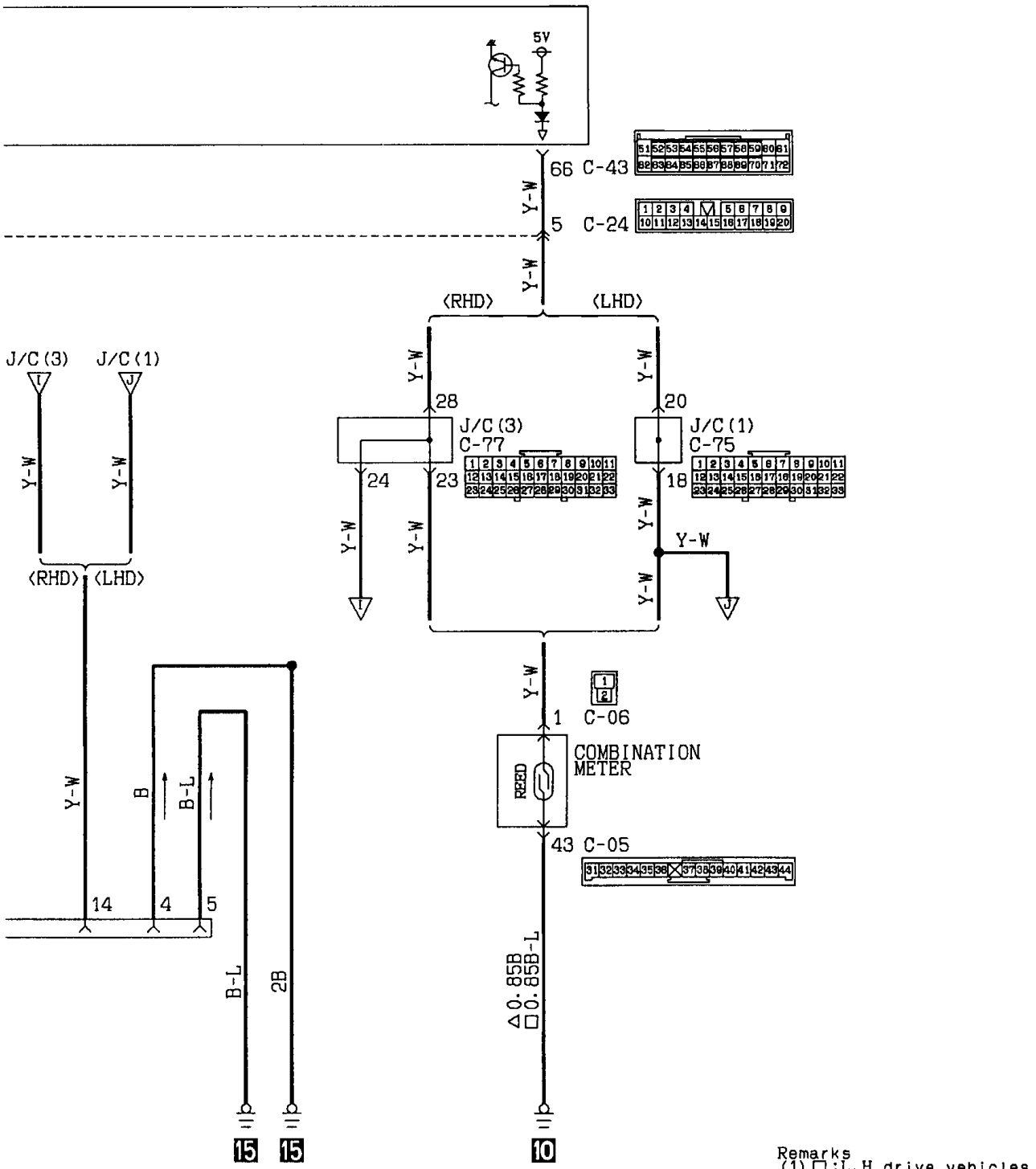


KX35-AC-Q0540B-EC


IDLE SPEED CONTROL SERVO
A-72
PURGE CONTROL SOLENOID VALVE
A-98
INJECTOR
A-74
A-85
A-75
A-84
A-76
A-83
A-77
C-41
C-43
C-24
C-50
OXYGEN SENSOR
B-10
12
Remarks
(1) □ :L.H. drive vehicles.
(2) △ :R.H. drive vehicles.
Wire colour code
B:Black LG:Light green G:Green L:Blue
BR:Brown O:Orange GR:Gray R:Red
W:White SB:Sky blue P:Pink Y:Yellow
V:Violet

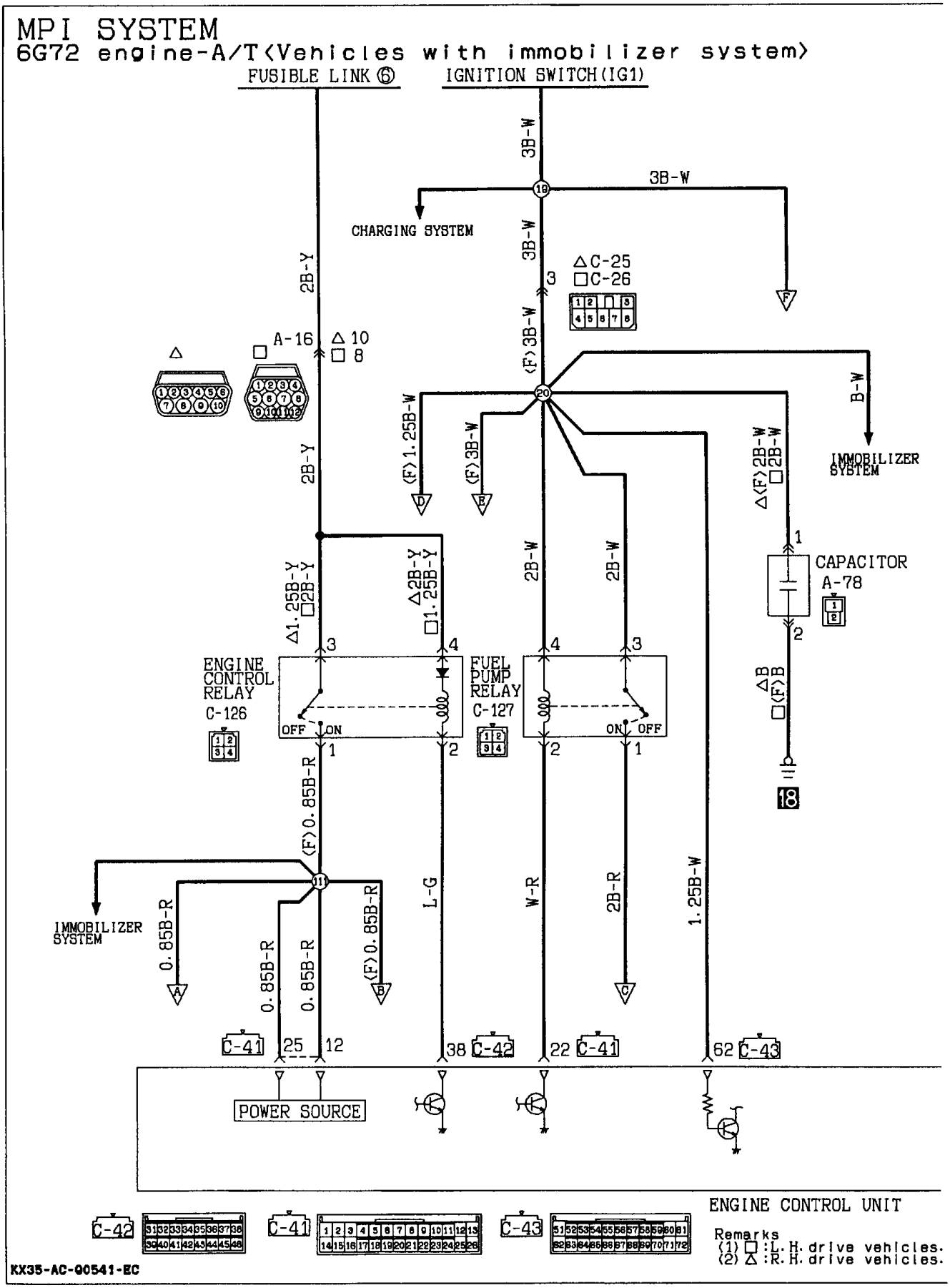
MPI SYSTEM<6G72 engine-A/T(Vehicles without immobilizer system)>(CONTINUED)

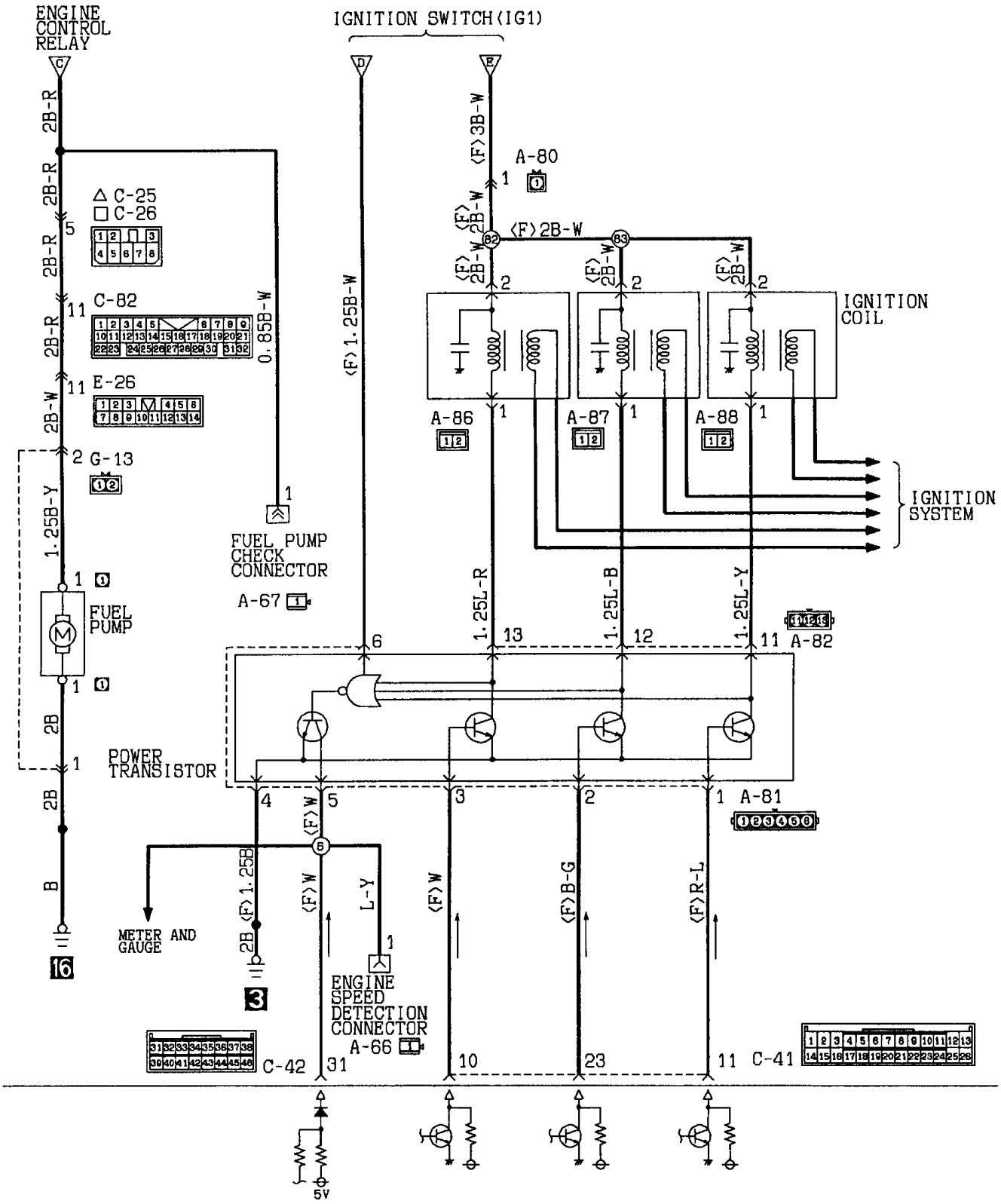




Remarks
(1) □ : L.H. drive vehicles
(2) △ : R.H. drive vehicles

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

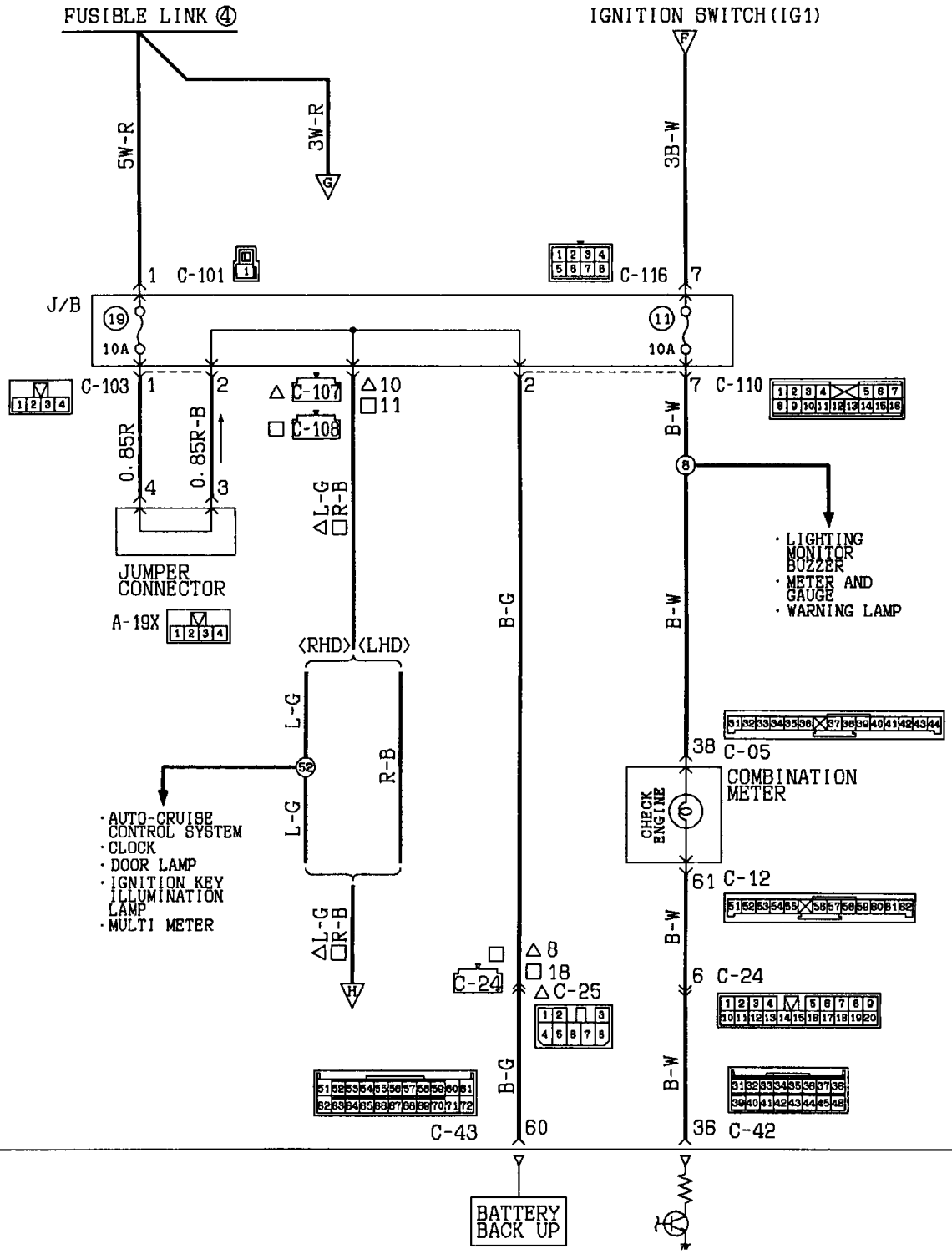

MPI SYSTEM
6G72 engine-A/T<Vehicles with immobilizer system>
FUSIBLE LINK ⑥
IGNITION SWITCH(IG1)
3B-W
CHARGING SYSTEM
△C-25
□C-26
2B-Y
A-16
△ 10
□ 8
<F>3B-W
B-W
<F>1.25B-W
<F>3B-W
<F>2B-W
2B-W
IMMOBILIZER SYSTEM
CAPACITOR
A-78
△1.25B-Y
□2B-Y
△2B-Y
□1.25B-Y
ENGINE CONTROL RELAY
C-126
FUEL PUMP RELAY
C-127
OFF
ON
△B
□<F>B
18
<F>0.85B-R
IMMOBILIZER SYSTEM
0.85B-R
L-G
W-R
2B-R
1.25B-W
C-41
C-42
C-43
POWER SOURCE
ENGINE CONTROL UNIT
Remarks
(1) □ : L.H. drive vehicles.
(2) △ : R.H. drive vehicles.
KX35-AC-00541-EC



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	

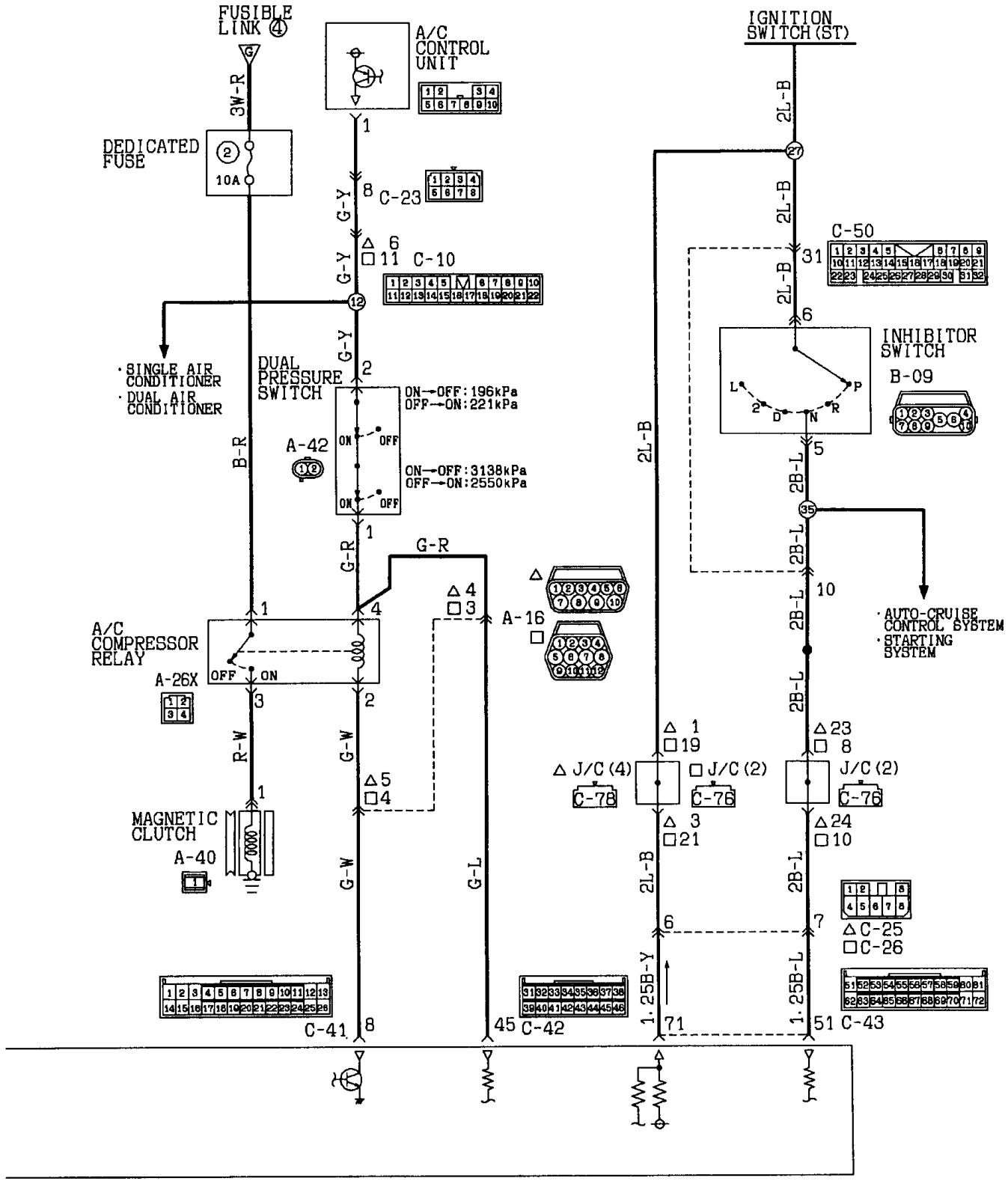
MPI SYSTEM<6G72 engine-A/T(Vehicles with immobilizer system)>(CONTINUED)



ENGINE CONTROL UNIT

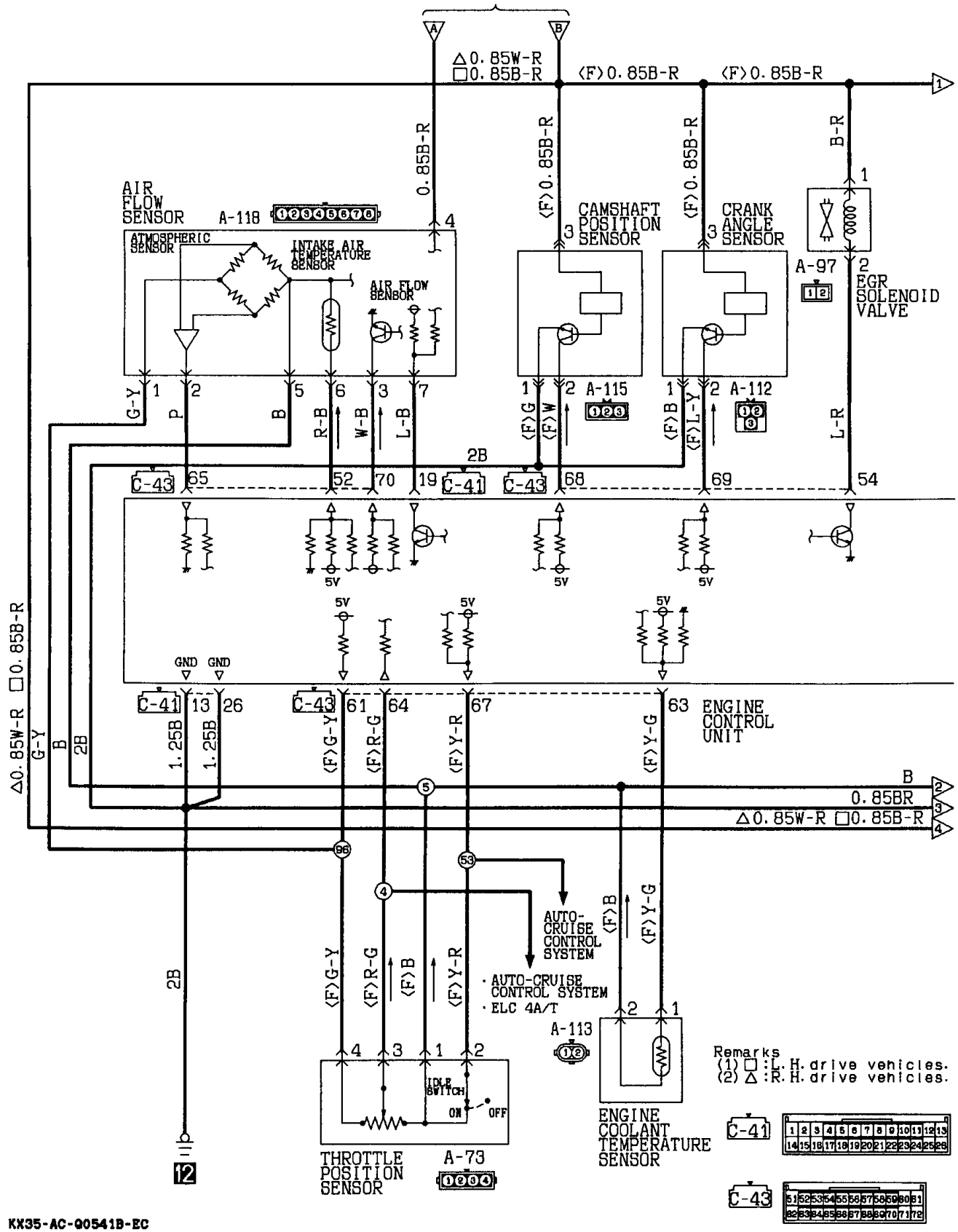
C-24 C-107 C-108

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

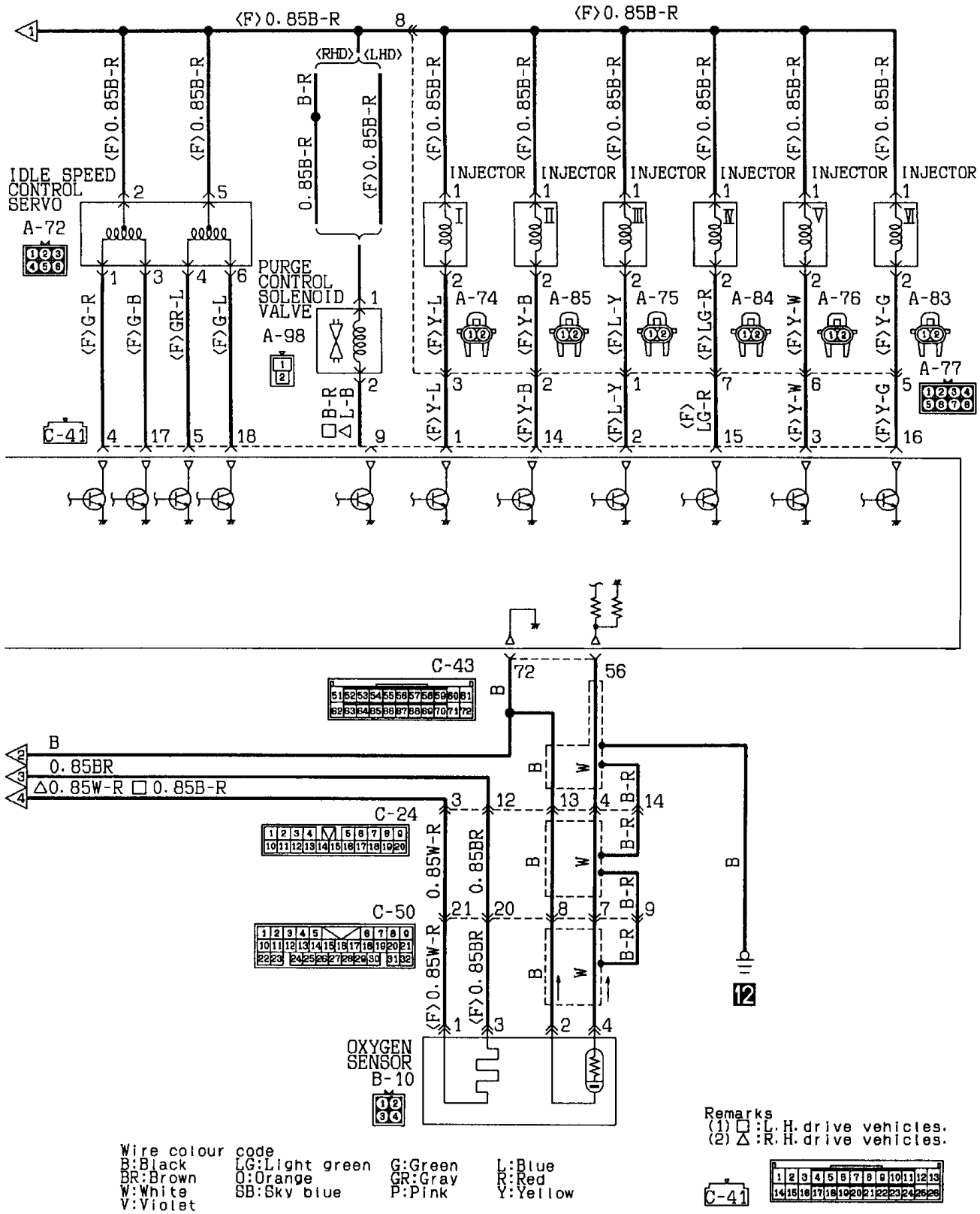


Wire colour code
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

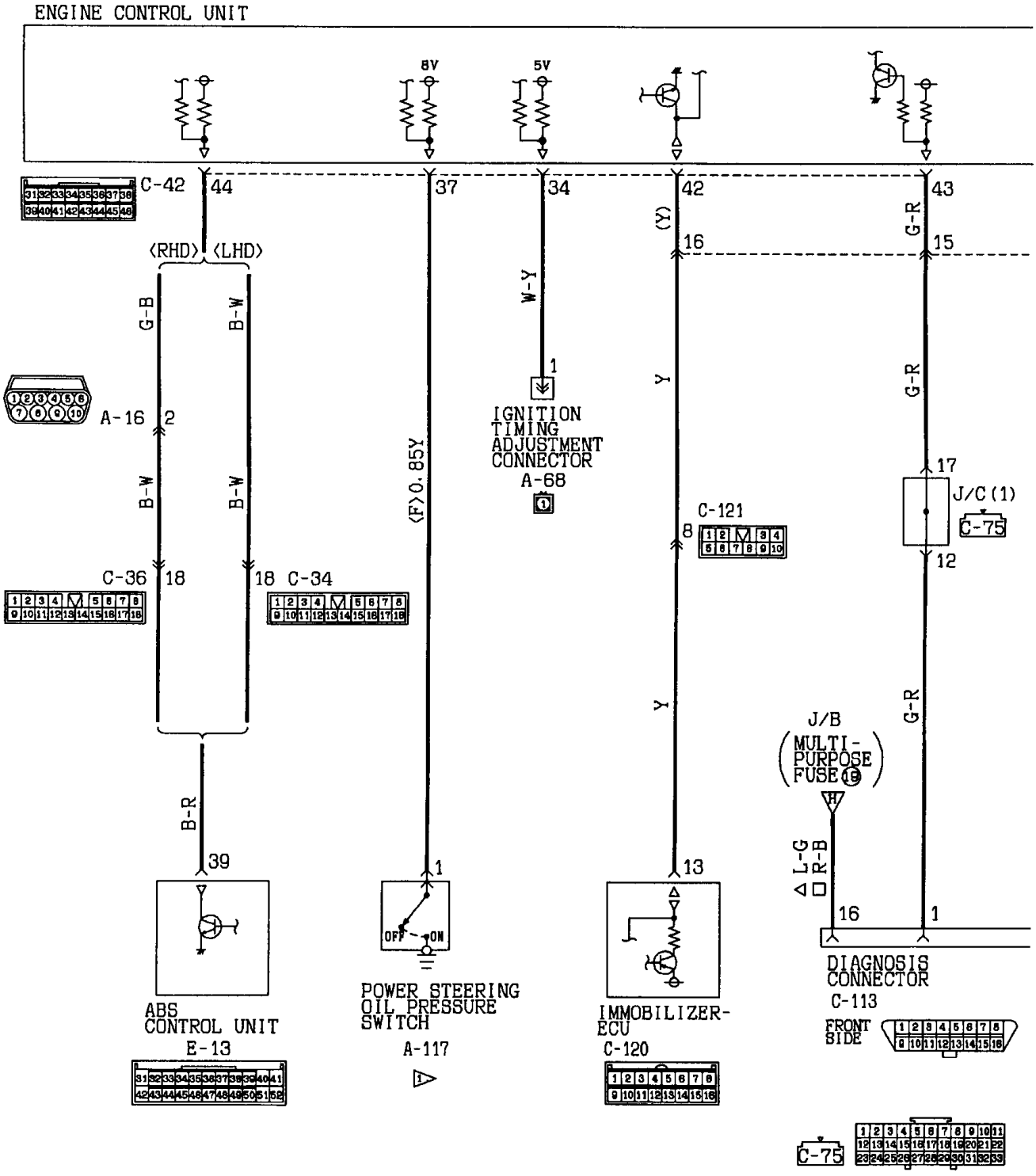
MPI SYSTEM<6G72 engine-A/T(Vehicles with immobilizer system)>(CONTINUED)

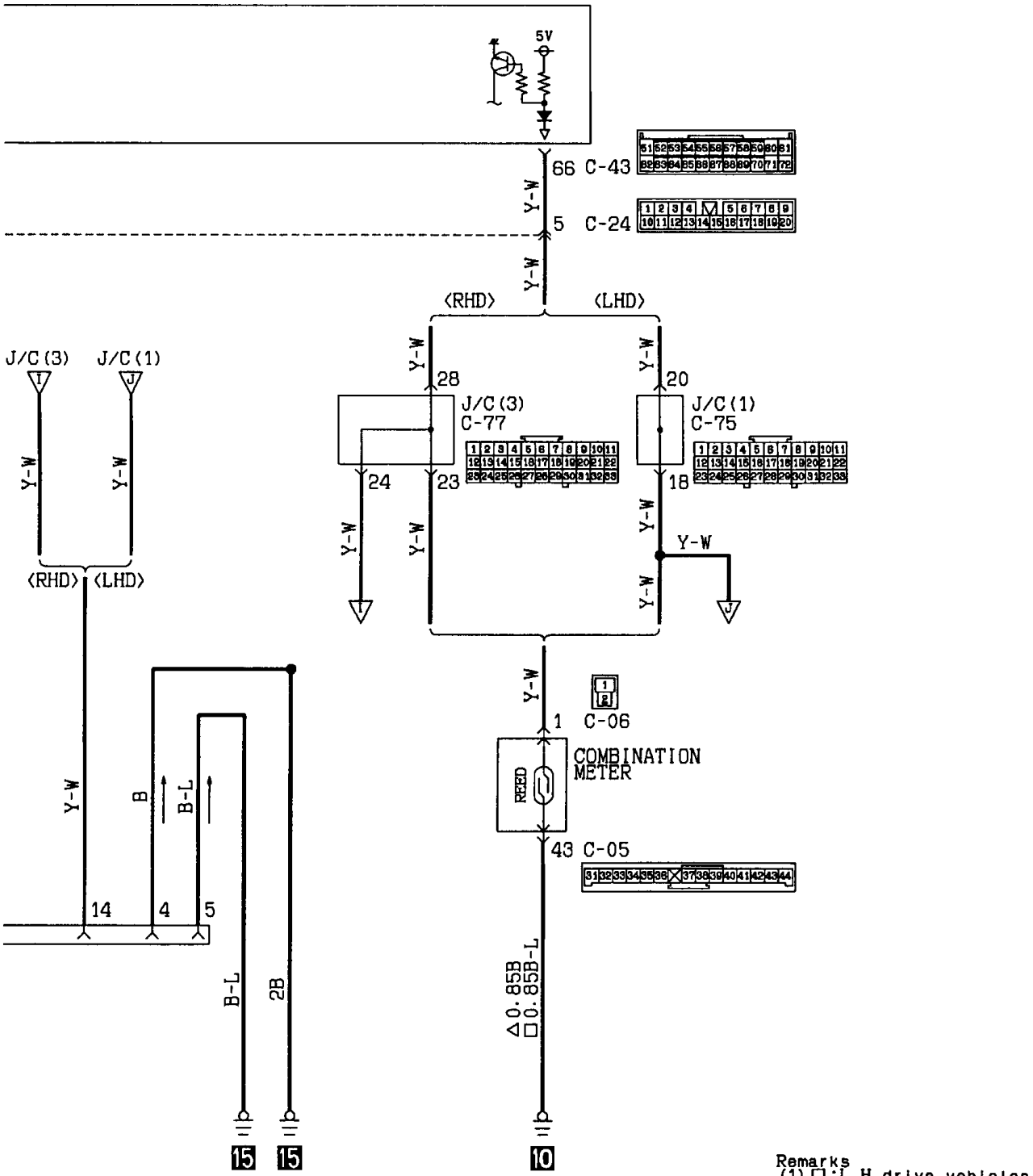


KX35-AC-00541B-EC


IDLE SPEED CONTROL SERVO
A-72
PURGE CONTROL SOLENOID VALVE
A-98
INJECTOR
A-74
A-85
A-75
A-84
A-76
A-83
A-77
C-41
C-43
C-24
C-50
OXYGEN SENSOR
B-10
12
Remarks
(1) □ :L. H. drive vehicles.
(2) △ :R. H. drive vehicles.
Wire colour code
B:Black LG:Light green G:Green L:Blue
BR:Brown O:Orange GR:Gray R:Red
W:White SB:Sky blue P:Pink Y:Yellow
V:Violet

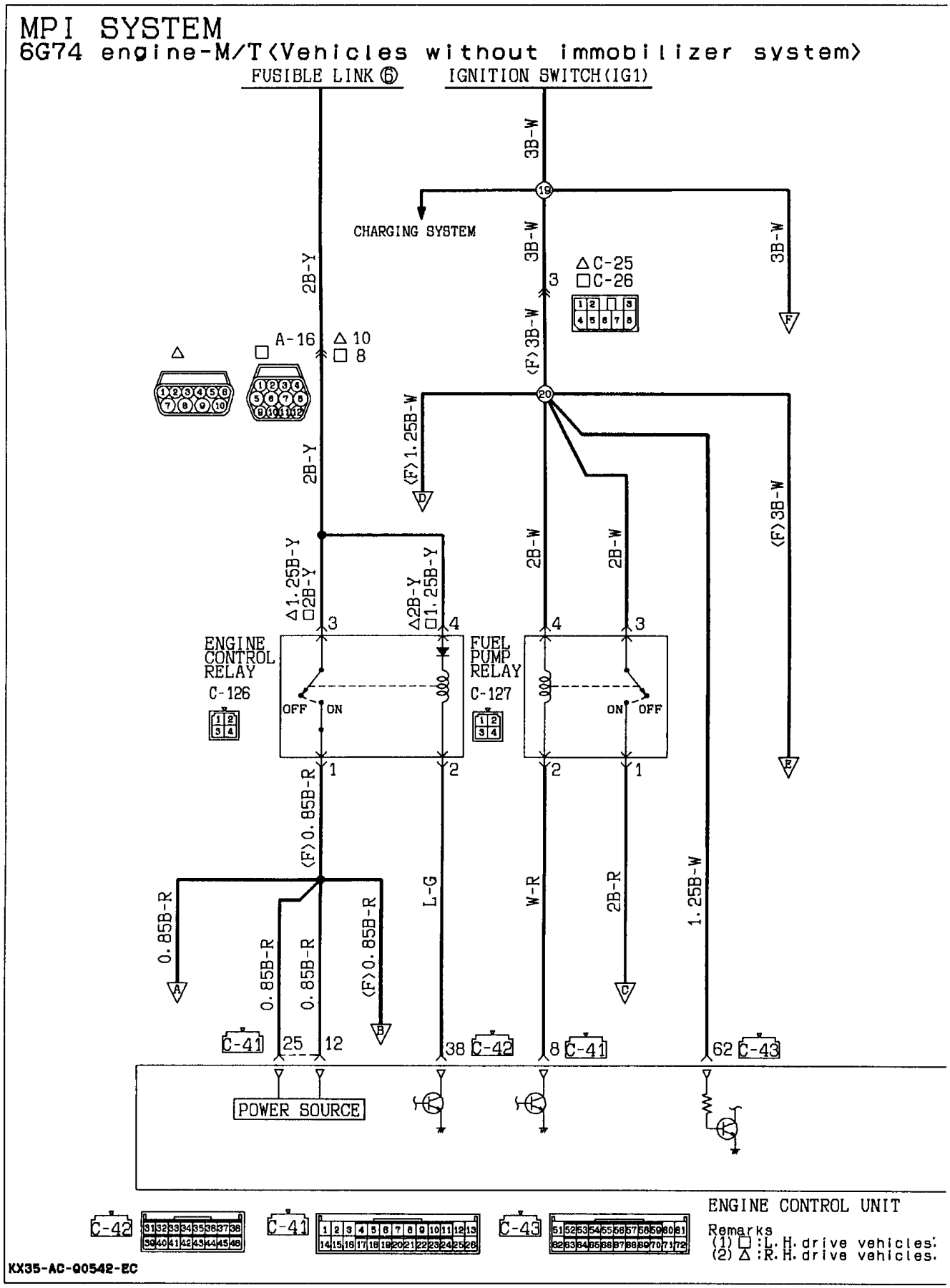
MPI SYSTEM<6G72 engine-A/T(Vehicles with immobilizer system)>(CONTINUED)

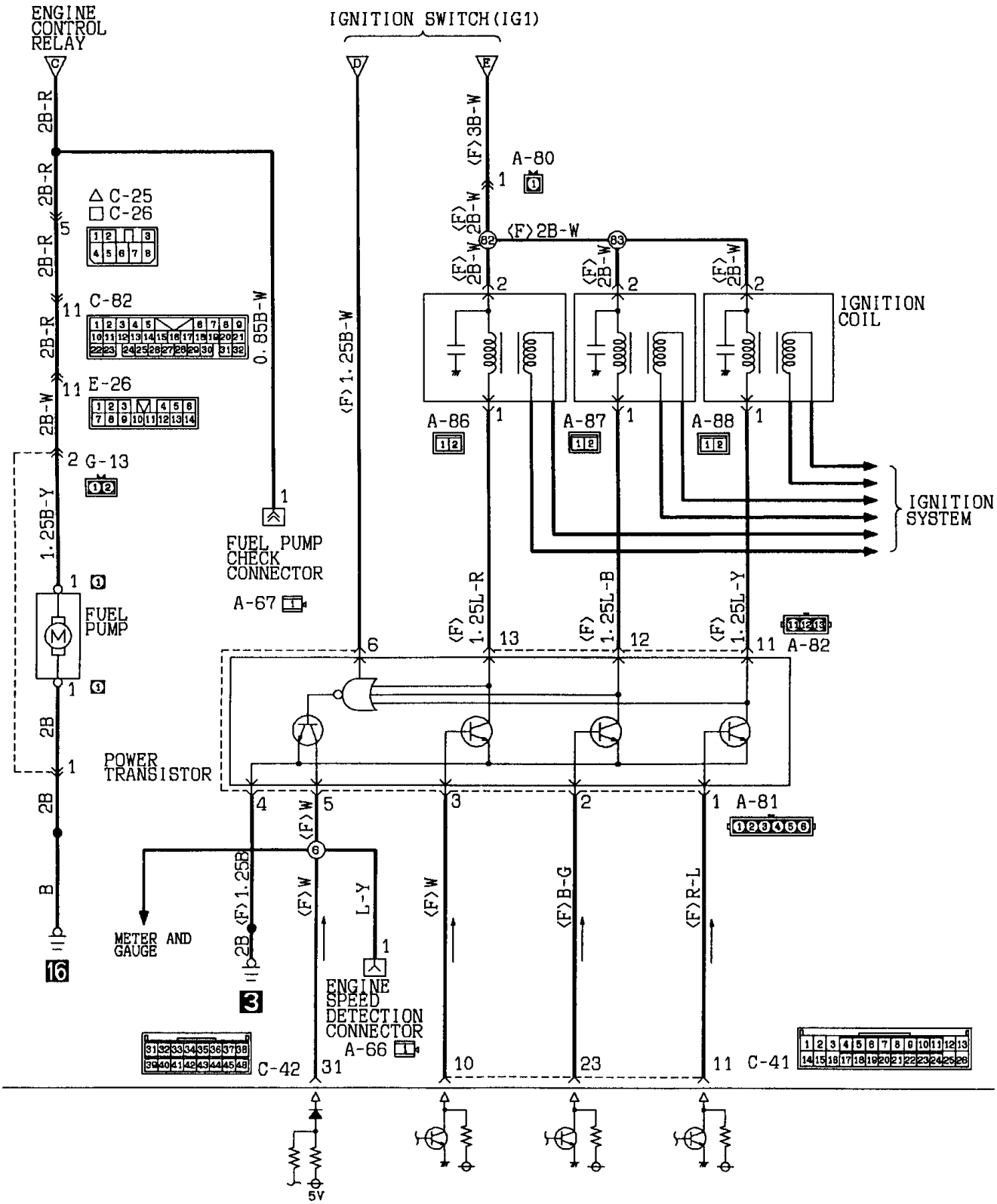




Remarks
(1) □:L.H. drive vehicles
(2) △:R.H. drive vehicles

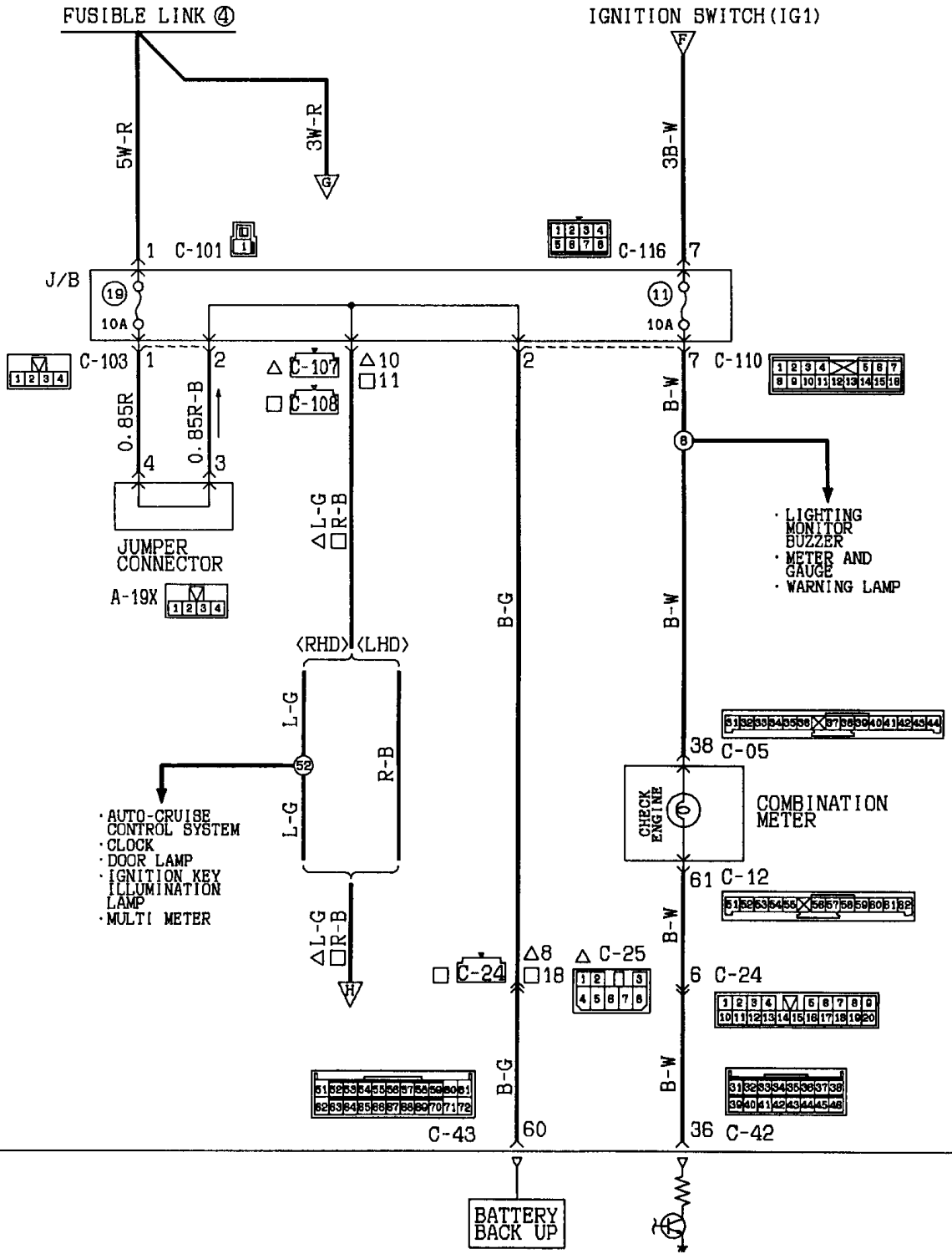
Wire colour code
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet


MPI SYSTEM
6G74 engine-M/T〈Vehicles without immobilizer system〉
FUSIBLE LINK ⑥
IGNITION SWITCH(IG1)
3B-W
CHARGING SYSTEM
△C-25
□C-26
2B-Y
A-16
△10
□8
〈F〉3B-W
〈F〉1.25B-W
△1.25B-Y
□2B-Y
△2B-Y
□1.25B-Y
2B-W
ENGINE CONTROL RELAY
C-126
FUEL PUMP RELAY
C-127
OFF
ON
〈F〉0.85B-R
0.85B-R
L-G
W-R
1.25B-W
C-41
C-42
C-43
POWER SOURCE
ENGINE CONTROL UNIT
Remarks
(1) □ :L.H. drive vehicles.
(2) △ :R.H. drive vehicles.
KX35-AC-00542-EC



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<6G74 engine-M/T(Vehicles without immobilizer system)>(CONTINUED)



C-24

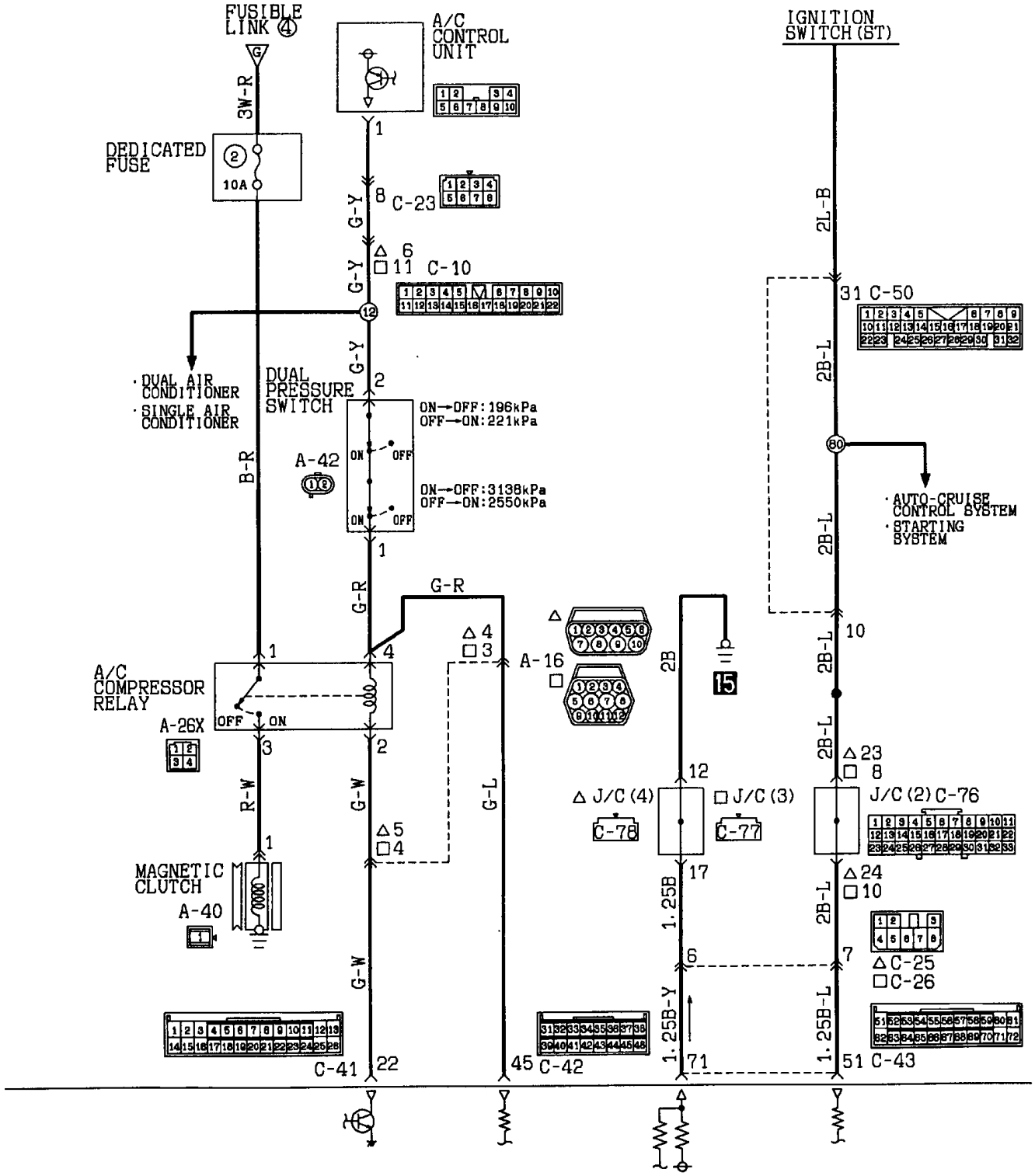
C-107

C-108

ENGINE CONTROL UNIT

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

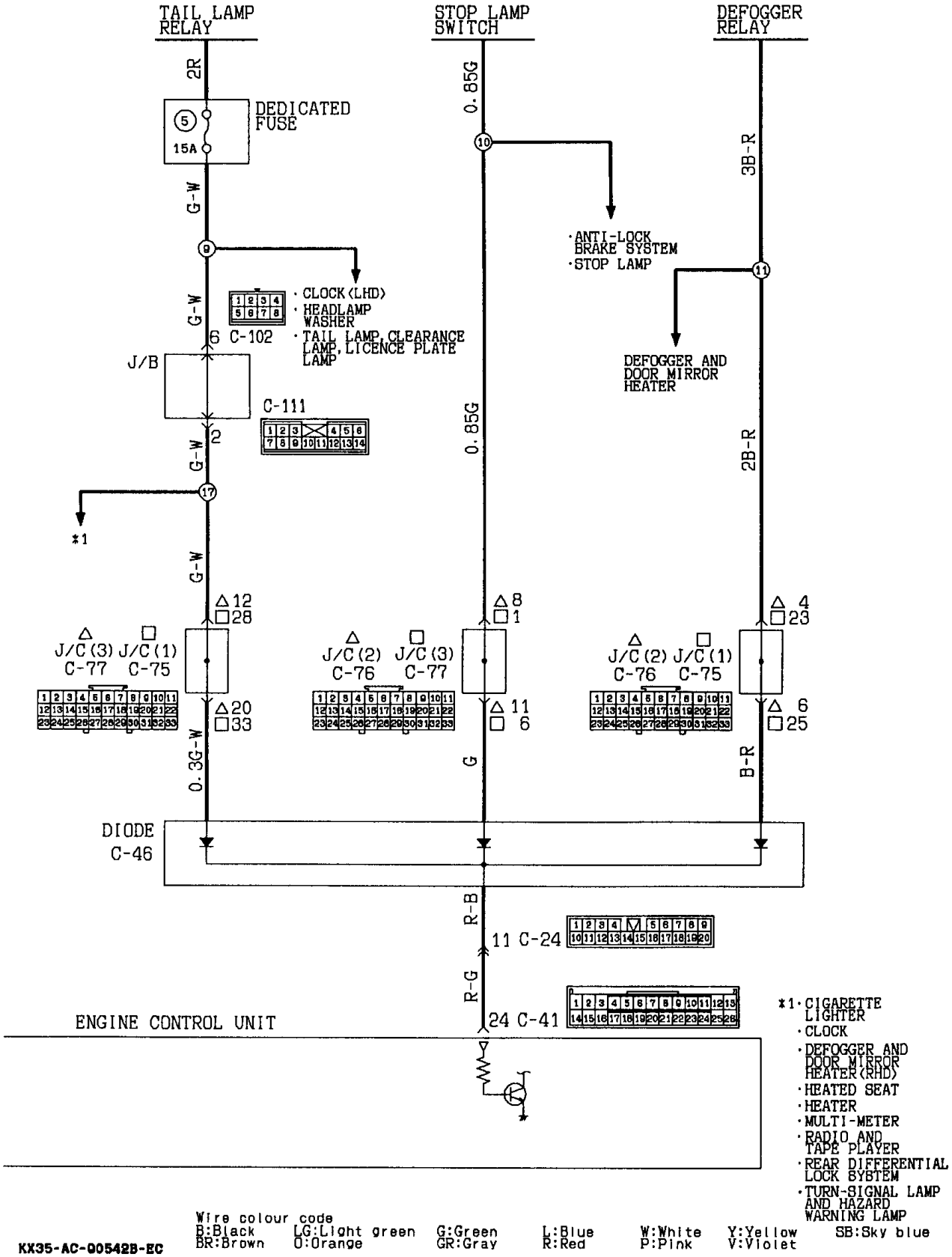
KX35-AC-00542A-EC



C-77
C-78

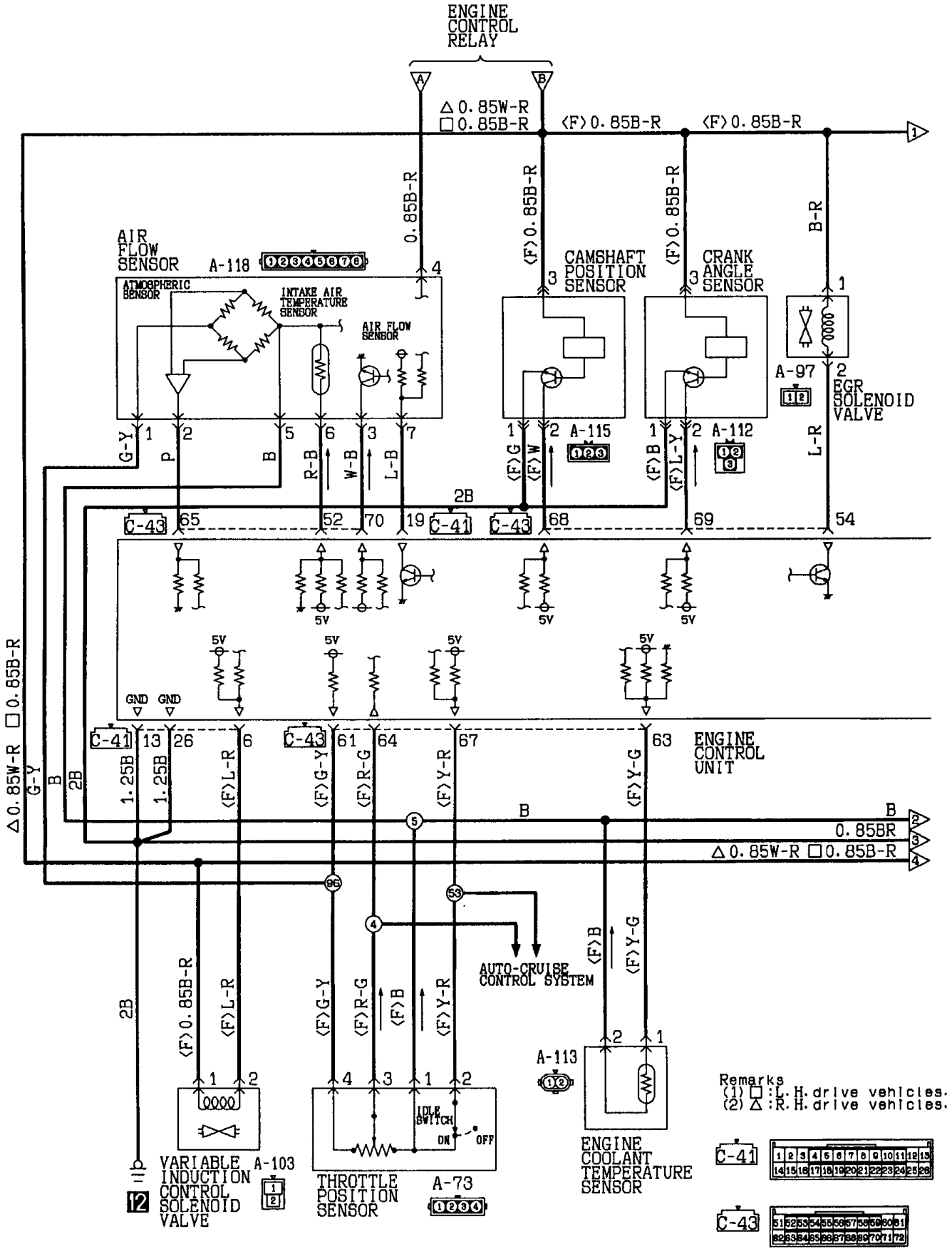
Wire colour code
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

MPI SYSTEM(6G74 engine-M/T(Vehicles without immobilizer system))(CONTINUED)

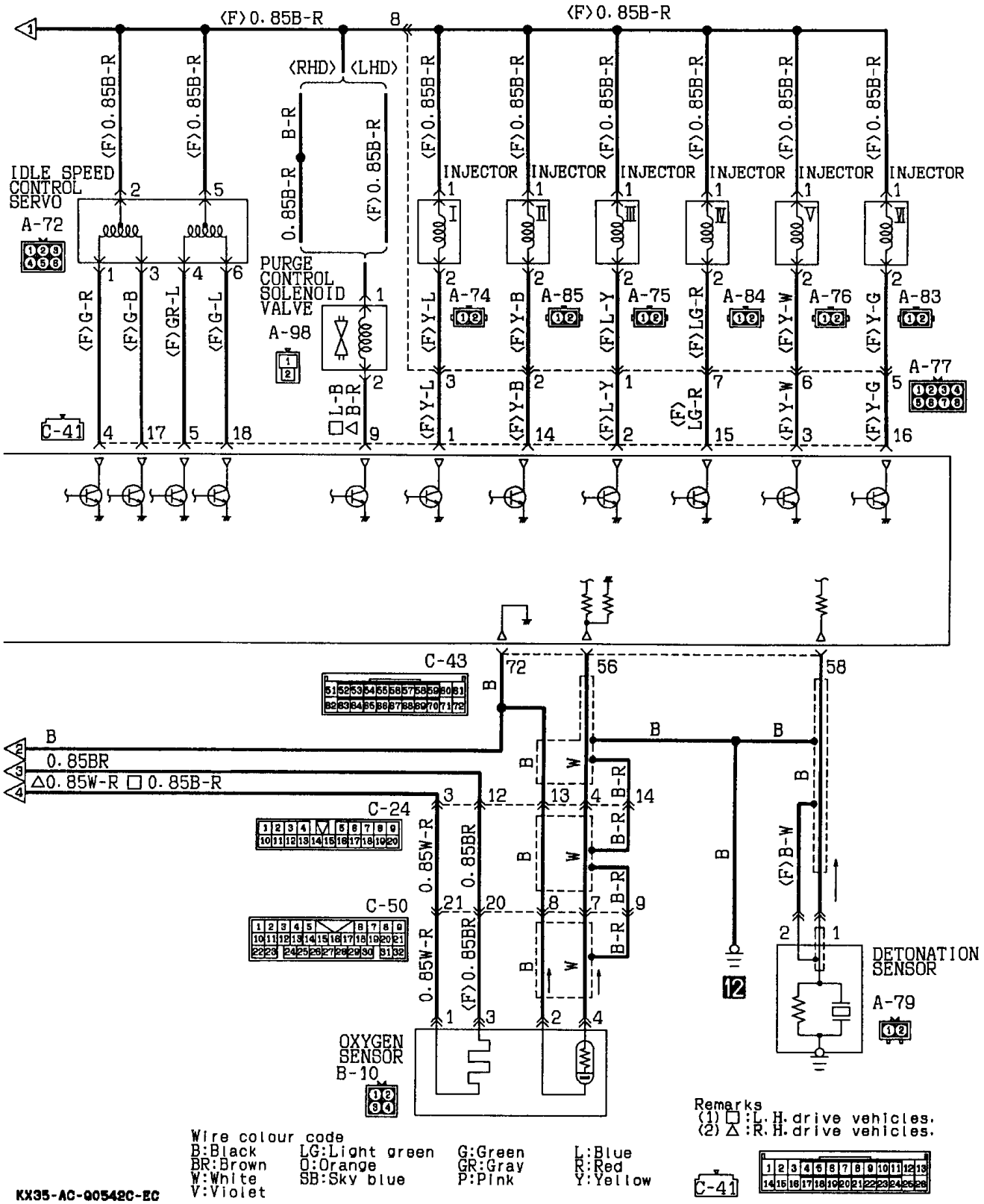


Wire colour code
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

KX35-AC-00542B-EC


ENGINE CONTROL RELAY
△0.85W-R
□0.85B-R
⟨F⟩0.85B-R
⟨F⟩0.85B-R
AIR FLOW SENSOR
A-118
ATMOSPHERIC SENSOR
INTAKE AIR TEMPERATURE SENSOR
AIR FLOW SENSOR
CAMSHAFT POSITION SENSOR
CRANK ANGLE SENSOR
A-97
EGR SOLENOID VALVE
A-115
A-112
2B
C-43
C-41
5V
GND
ENGINE CONTROL UNIT
AUTO-CRUISE CONTROL SYSTEM
A-113
ENGINE COOLANT TEMPERATURE SENSOR
VARIABLE INDUCTION CONTROL SOLENOID VALVE
A-103
THROTTLE POSITION SENSOR
A-73
IDLE SWITCH
ON
OFF
Remarks
(1) □ : L.H. drive vehicles.
(2) △ : R.H. drive vehicles.

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

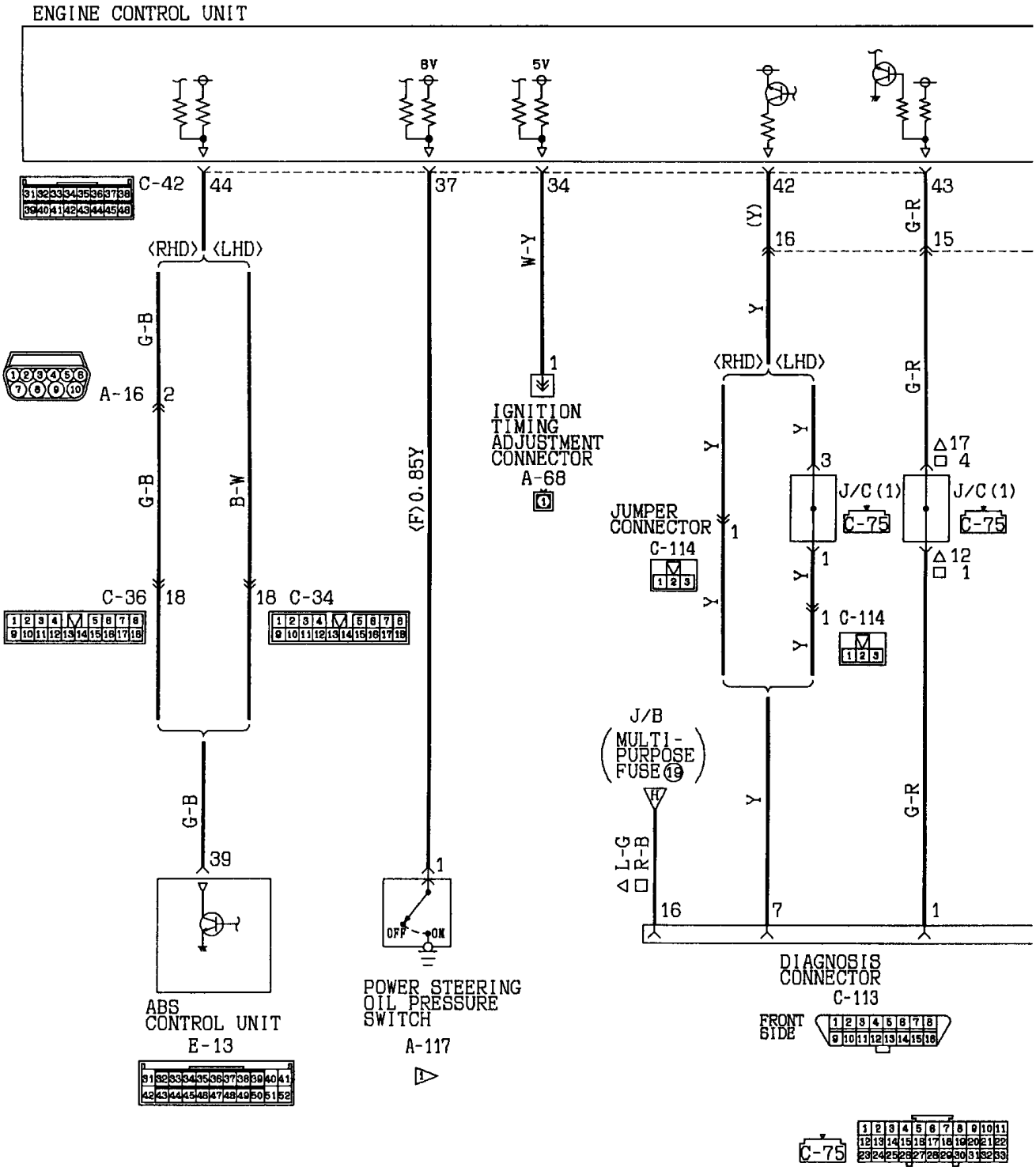


Remarks
(1) □ : L.H. drive vehicles.
(2) △ : R.H. drive vehicles.

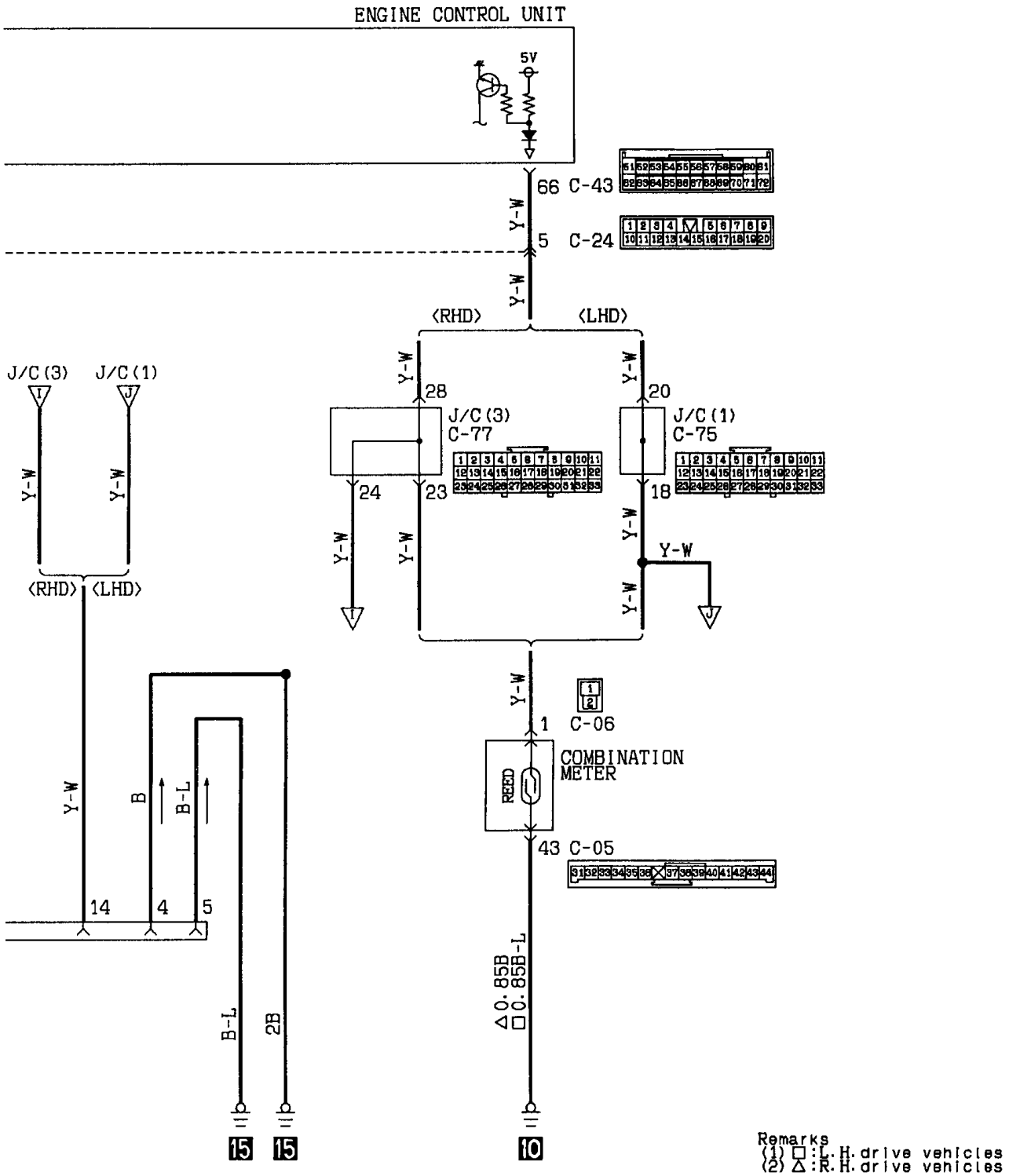
Wire colour code

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

KX35-AC-Q0542C-EC


ENGINE CONTROL UNIT
8V
5V
C-42
44
37
34
42
43
(Y)
16
G-R
15
(RHD) (LHD)
G-B
W-Y
Y
A-16
2
1
IGNITION TIMING ADJUSTMENT CONNECTOR
A-68
(RHD) (LHD)
G-R
Y
3
17
4
J/C (1)
C-75
JUMPER CONNECTOR
C-114
1
12
1
C-36
18
18
C-34
(F)0.85Y
1 C-114
J/B
(MULTI-PURPOSE FUSE 19)
G-B
39
L-G
R-B
16
7
1
OFF
ON
ABS CONTROL UNIT
E-13
POWER STEERING OIL PRESSURE SWITCH
A-117
DIAGNOSIS CONNECTOR
C-113
FRONT SIDE
C-75

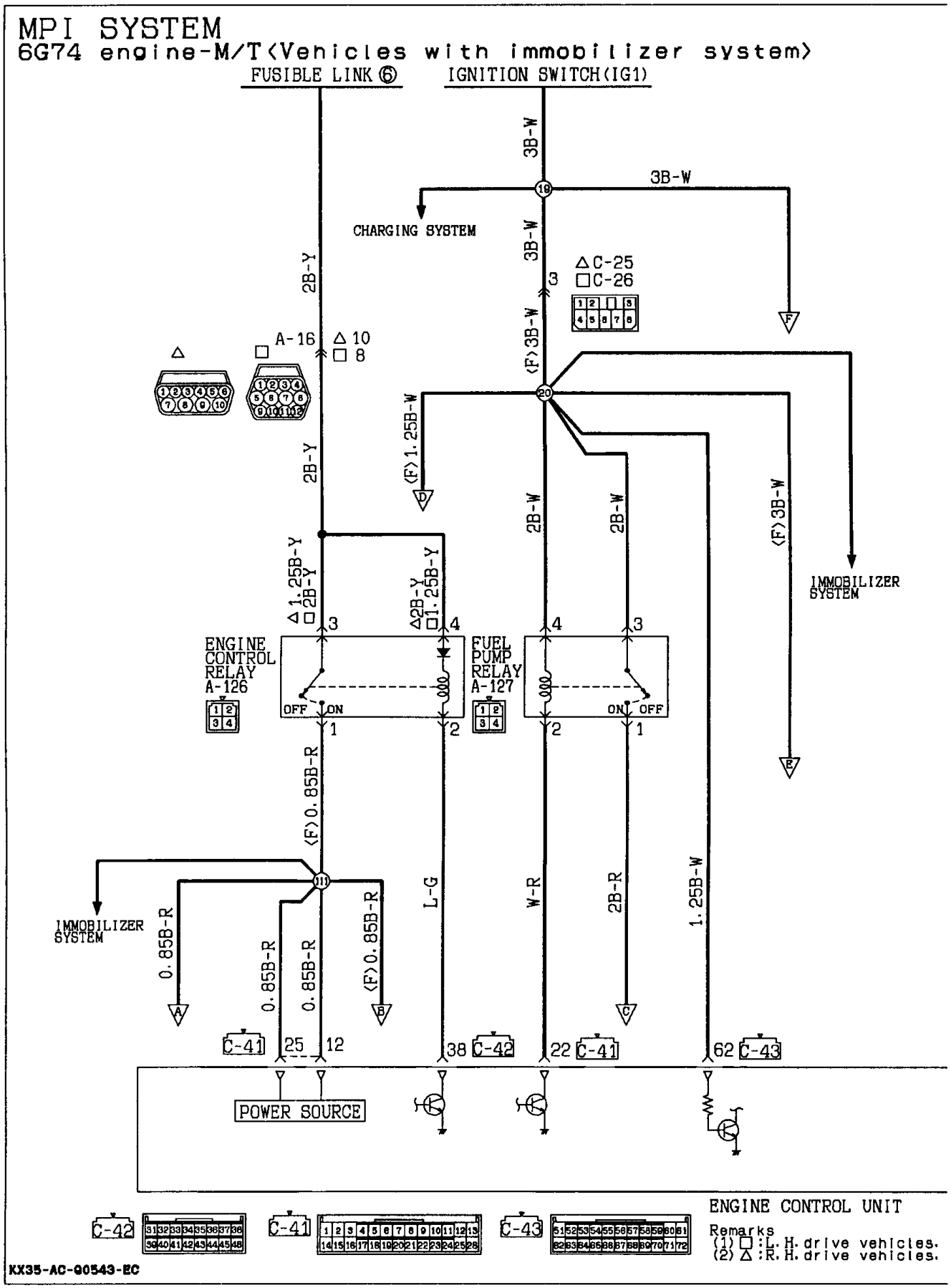
MPI SYSTEM<6G74 engine-M/T(Vehicles without immobilizer system)>(CONTINUED)

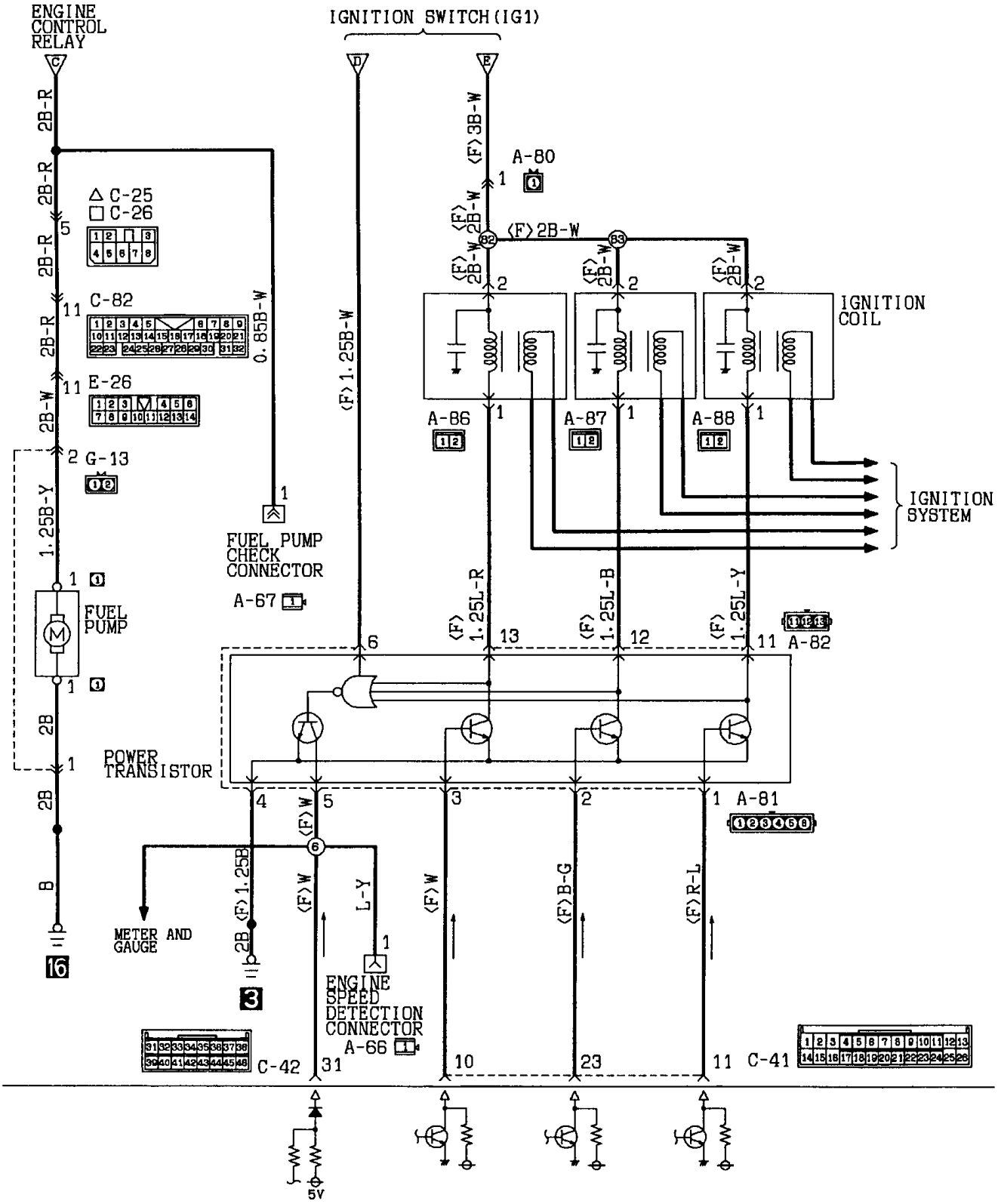


Remarks
(1) □: L.H. drive vehicles
(2) △: R.H. drive vehicles

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

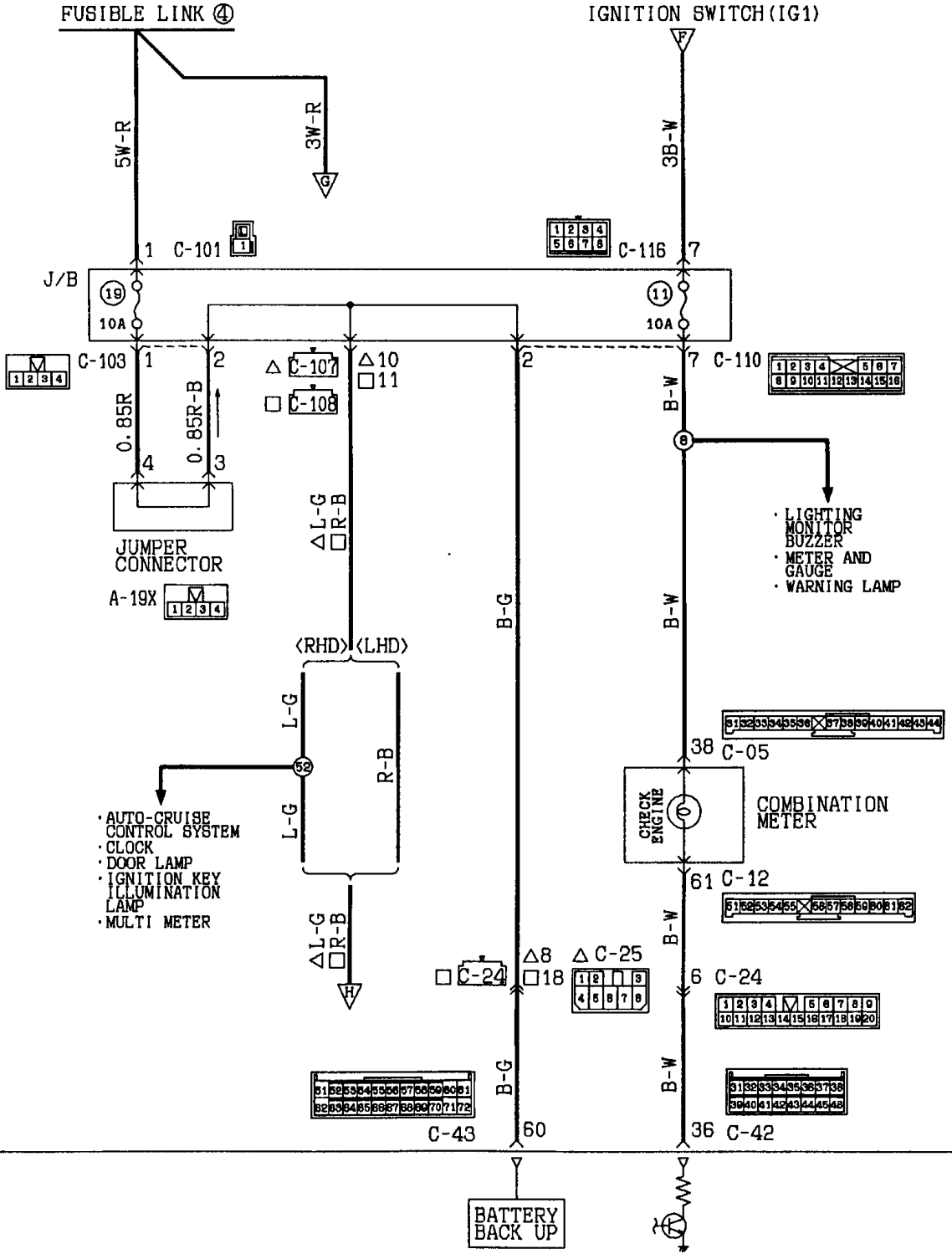
NOTES


MPI SYSTEM
6G74 engine-M/T<Vehicles with immobilizer system>
FUSIBLE LINK ⑥
IGNITION SWITCH(IG1)
3B-W
CHARGING SYSTEM
2B-Y
△C-25
□C-26
A-16
△10
□8
<F>3B-W
<F>1.25B-W
2B-W
IMMOBILIZER SYSTEM
△1.25B-Y
□2B-Y
△2B-Y
□1.25B-Y
ENGINE CONTROL RELAY A-126
FUEL PUMP RELAY A-127
OFF
ON
<F>0.85B-R
L-G
W-R
1.25B-W
0.85B-R
C-41
C-42
C-43
POWER SOURCE
ENGINE CONTROL UNIT
Remarks
(1) □:L.H. drive vehicles.
(2) △:R.H. drive vehicles.
KX35-AC-00543-EC



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

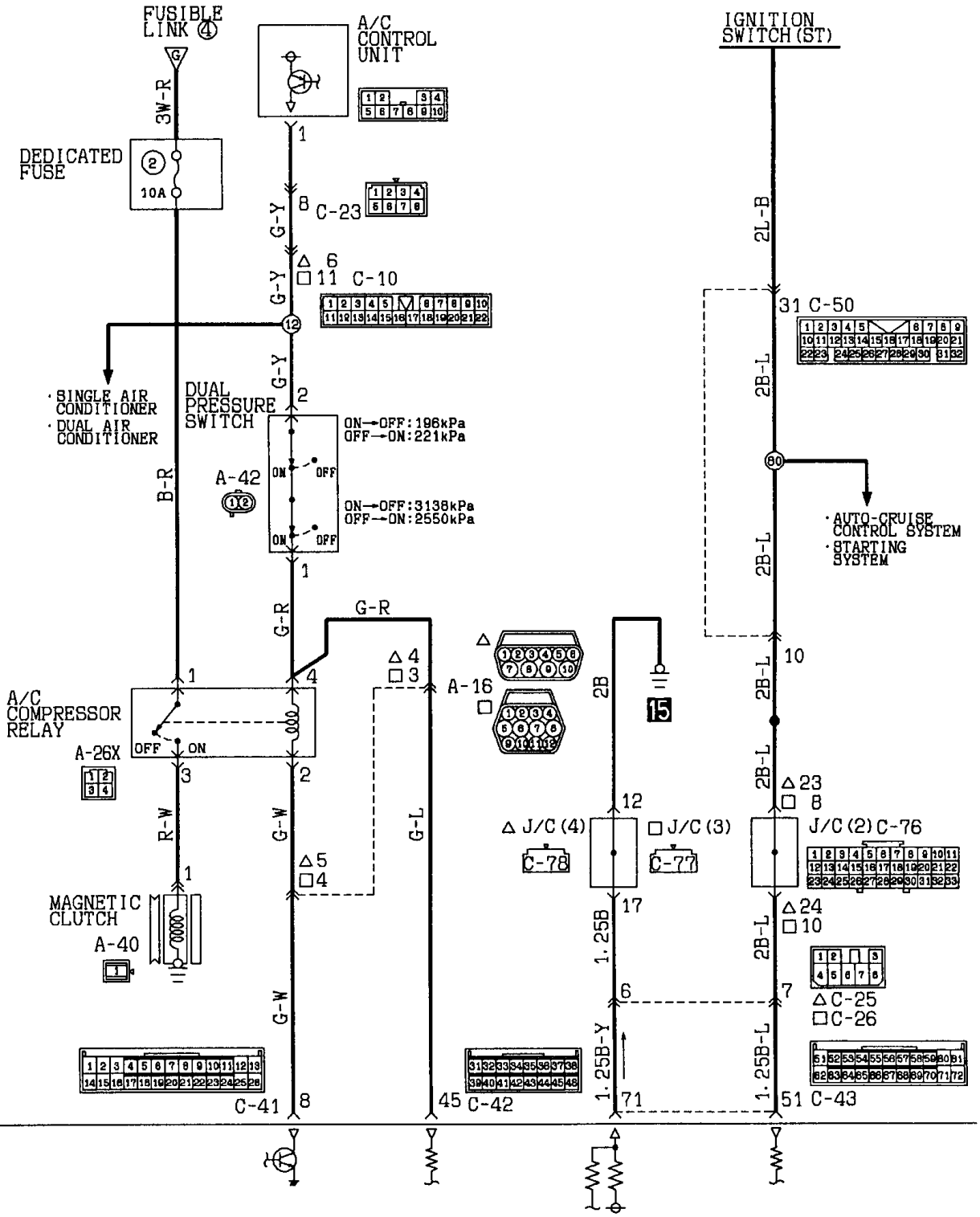
MPI SYSTEM<6G74 engine-M/T(Vehicles with immobilizer system)>(CONTINUED)



ENGINE CONTROL UNIT

C-24 C-107 C-108

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

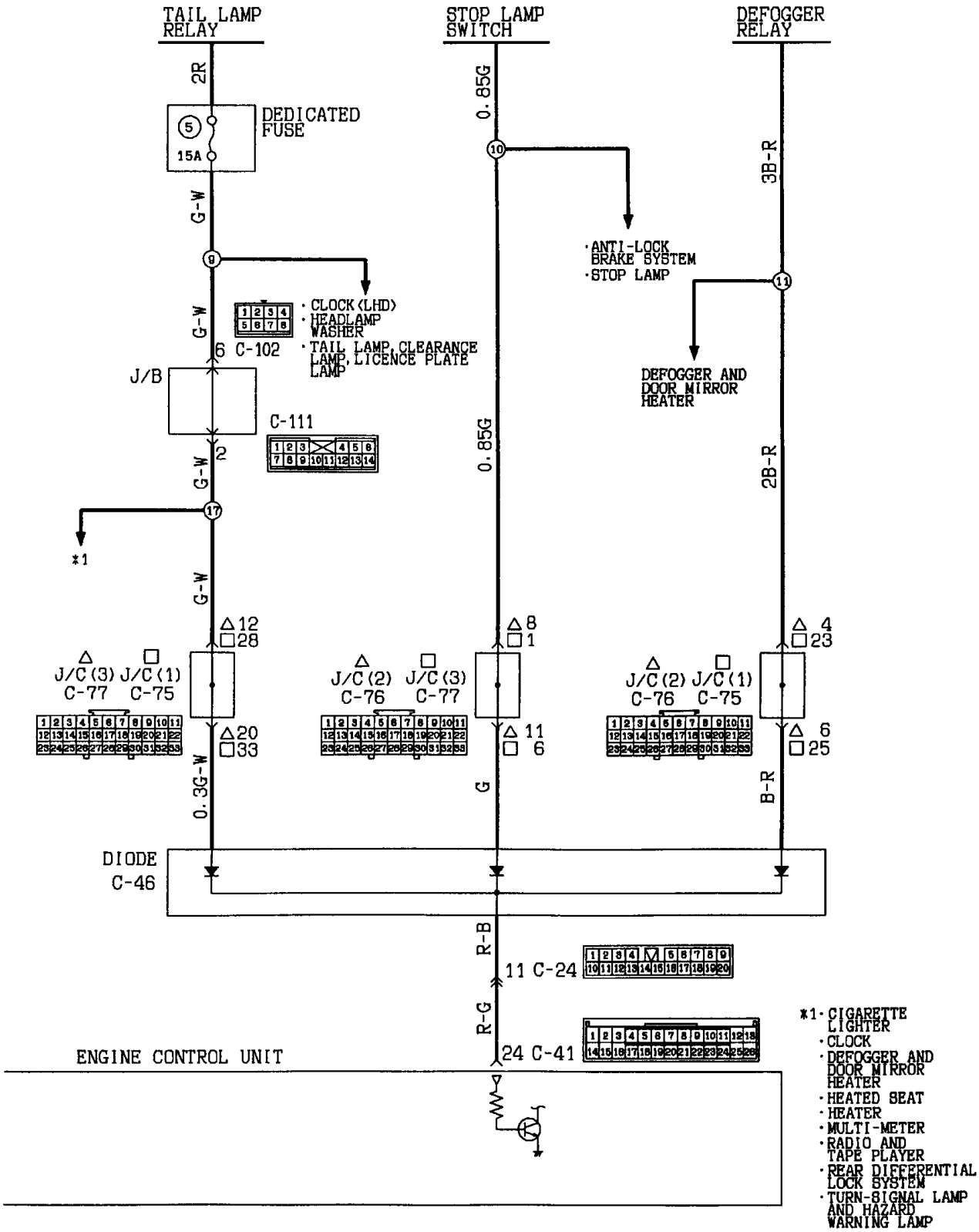


C-77
C-78

Wire colour code

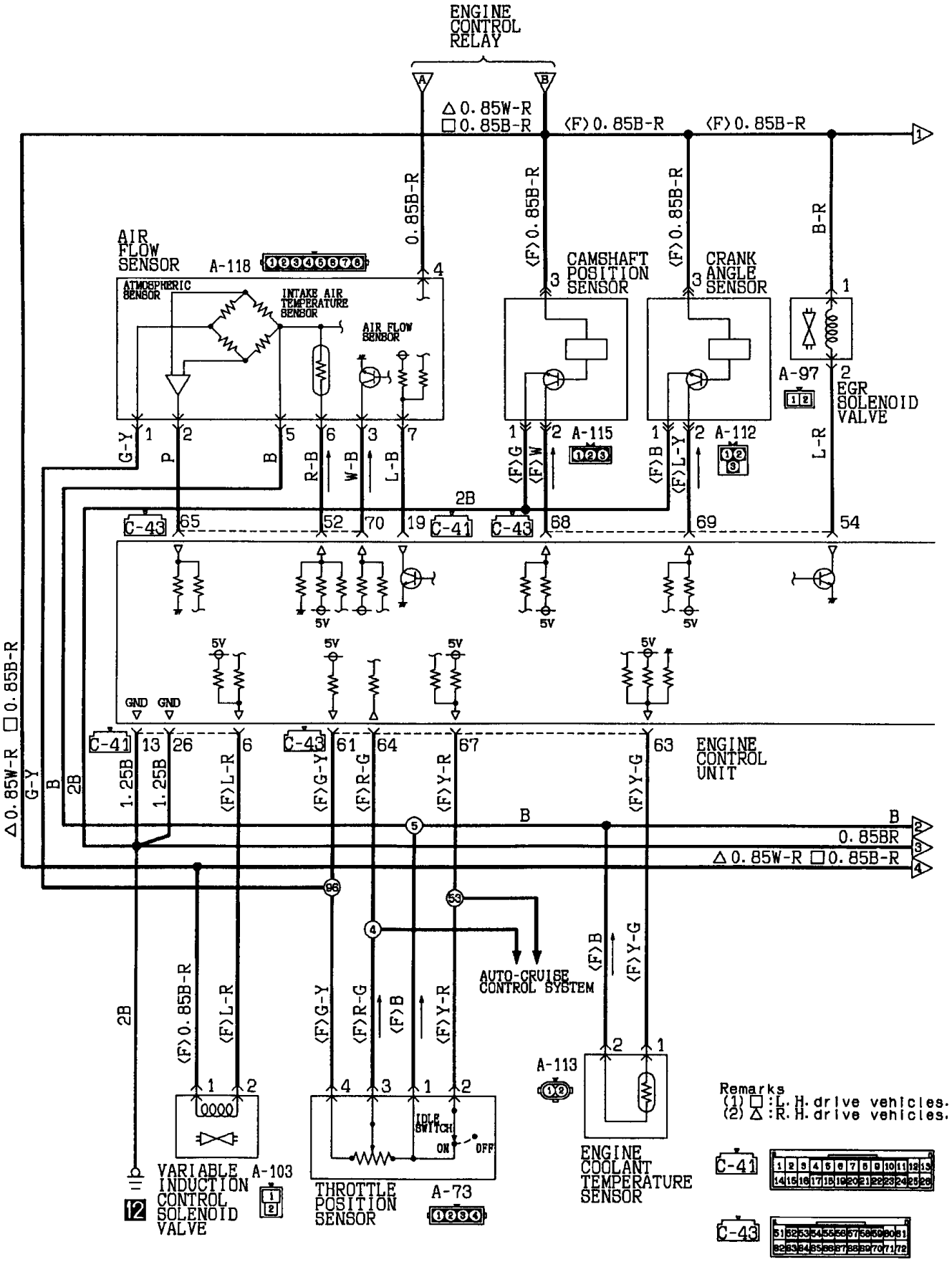
B:Black	LG:Light green	G:Green	L:Blue	W:White	Y:Yellow	SB:Sky blue	
BR:Brown	O:Orange	GR:Gray	R:Red	P:Pink	V:Violet		

MPI SYSTEM<6G74 engine-M/T(Vehicles with immobilizer system)>(CONTINUED)

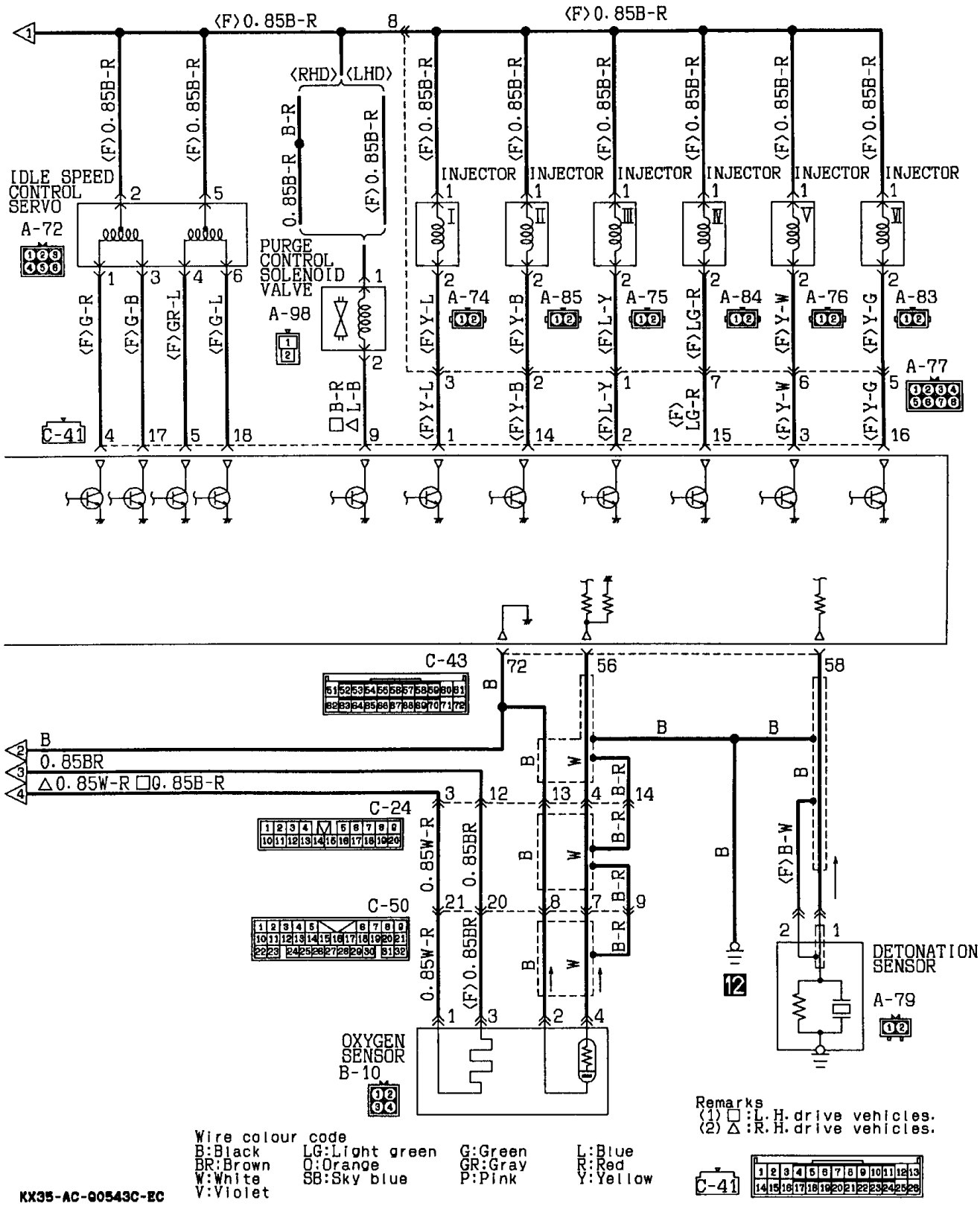


Wire colour code

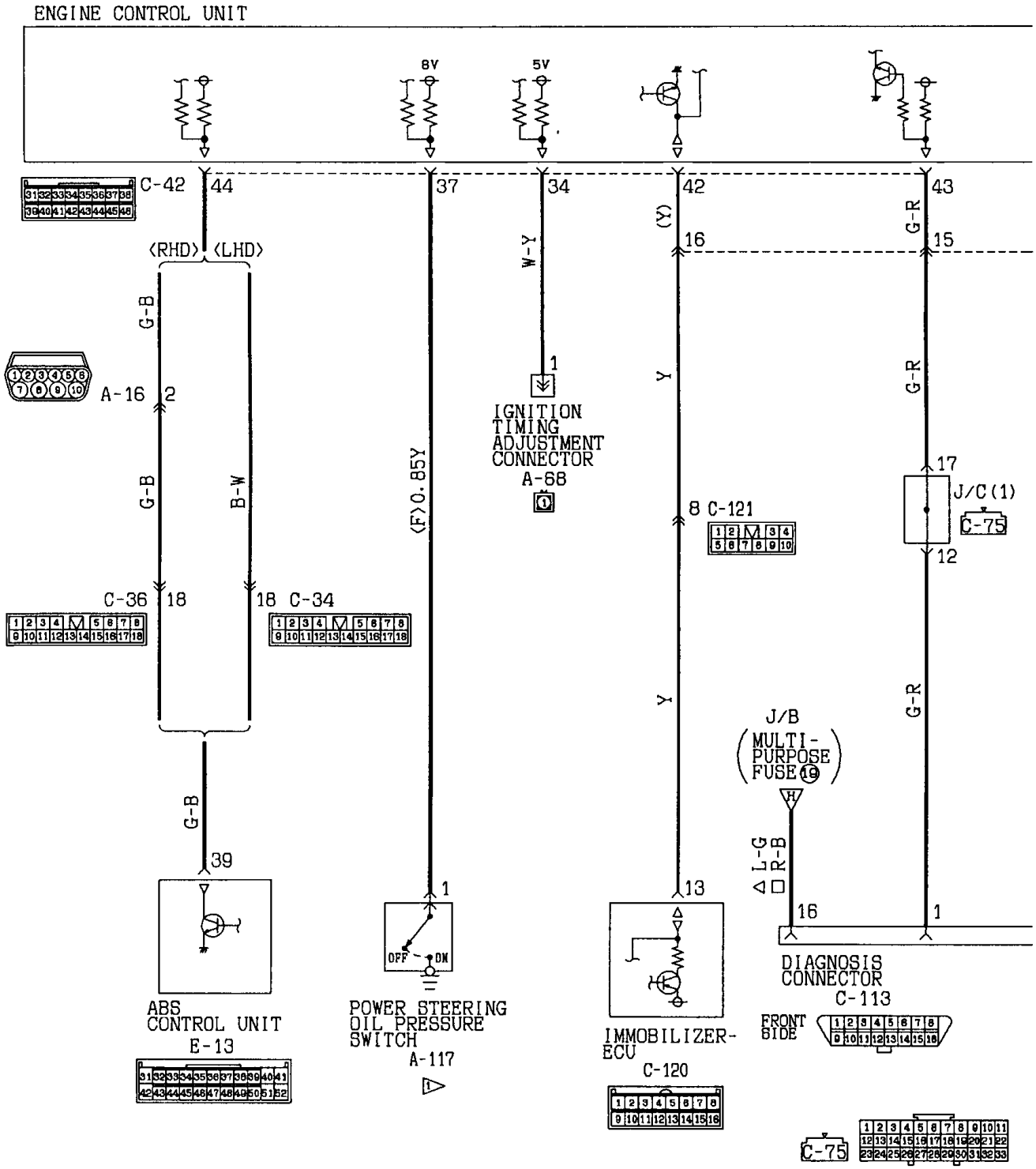
B:Black	LG:Light green	G:Green	L:Blue	W:White	Y:Yellow	SB:Sky blue
BR:Brown	O:Orange	GR:Gray	R:Red	P:Pink	V:Violet	


ENGINE CONTROL RELAY
△0.85W-R
□0.85B-R
⟨F⟩0.85B-R
⟨F⟩0.85B-R
AIR FLOW SENSOR
A-118
ATMOSPHERIC SENSOR
INTAKE AIR TEMPERATURE SENSOR
AIR FLOW SENSOR
CAMSHAFT POSITION SENSOR
CRANK ANGLE SENSOR
A-97
EGR SOLENOID VALVE
A-115
A-112
2B
C-43
C-41
5V
GND
ENGINE CONTROL UNIT
AUTO-CRUISE CONTROL SYSTEM
A-113
ENGINE COOLANT TEMPERATURE SENSOR
VARIABLE INDUCTION CONTROL SOLENOID VALVE
A-103
THROTTLE POSITION SENSOR
A-73
IDLE SWITCH
ON
OFF
Remarks
(1) □ : L.H. drive vehicles.
(2) △ : R.H. drive vehicles.

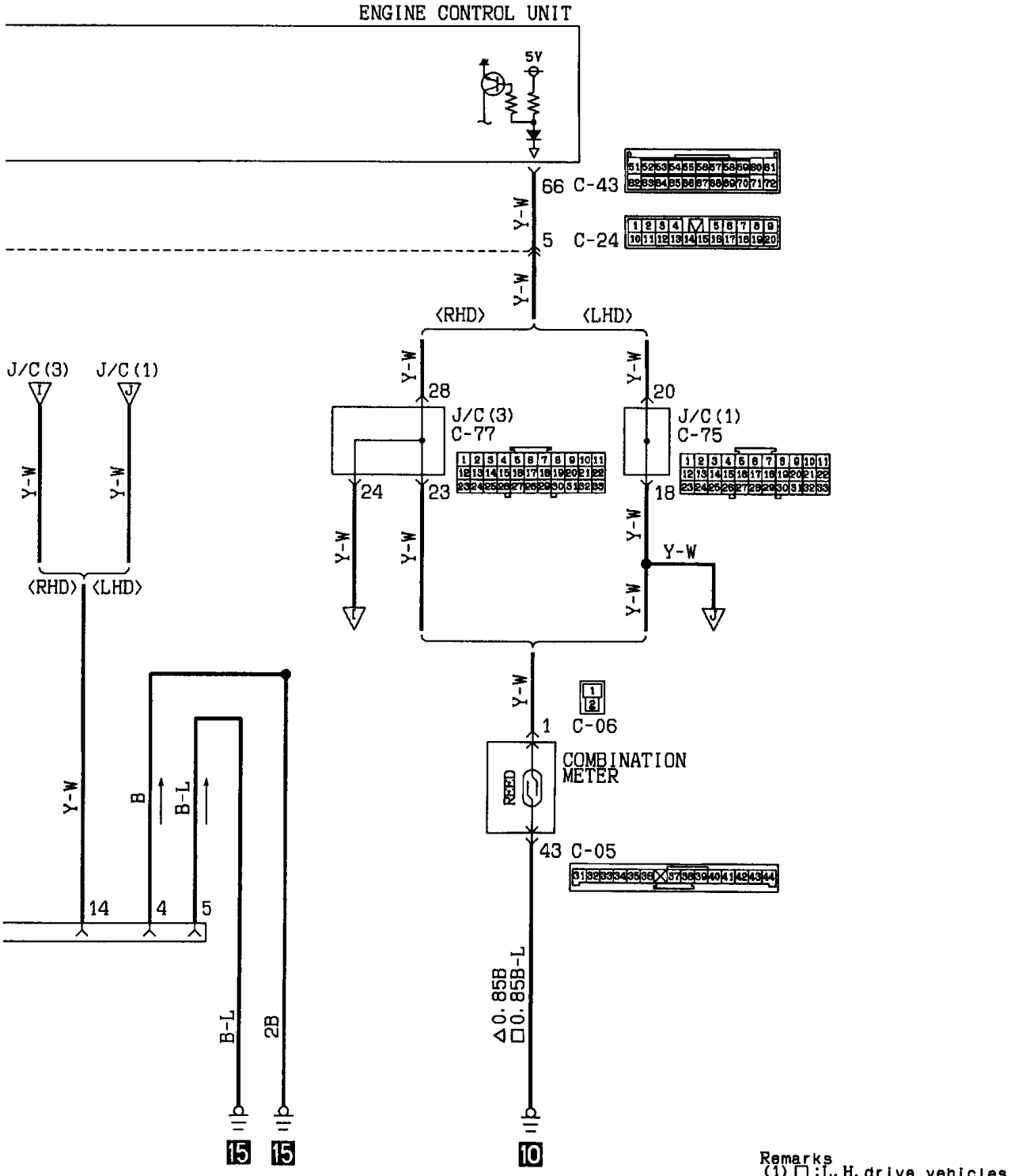
MPI SYSTEM<6G74 engine-M/T(Vehicles with immobilizer system)>(CONTINUED)



KX35-AC-00543C-EC


ENGINE CONTROL UNIT
8V
5V
C-42
44
37
34
42
43
(Y)
16
G-R
15
W-Y
<RHD>
<LHD>
G-B
1
A-16
2
IGNITION TIMING ADJUSTMENT CONNECTOR
A-68
Y
G-R
17
J/C(1)
C-75
8 C-121
12
G-B
B-W
(F)0.85Y
C-36
18
18 C-34
G-R
J/B
(MULTI-PURPOSE FUSE 19)
39
1
13
L-G
R-B
16
1
DIAGNOSIS CONNECTOR
C-113
FRONT SIDE
ABS CONTROL UNIT
E-13
POWER STEERING OIL PRESSURE SWITCH
A-117
OFF
ON
IMMOBILIZER-ECU
C-120
C-75

MPI SYSTEM<6G74 engine-M/T(Vehicles with immobilizer system)>(CONTINUED)



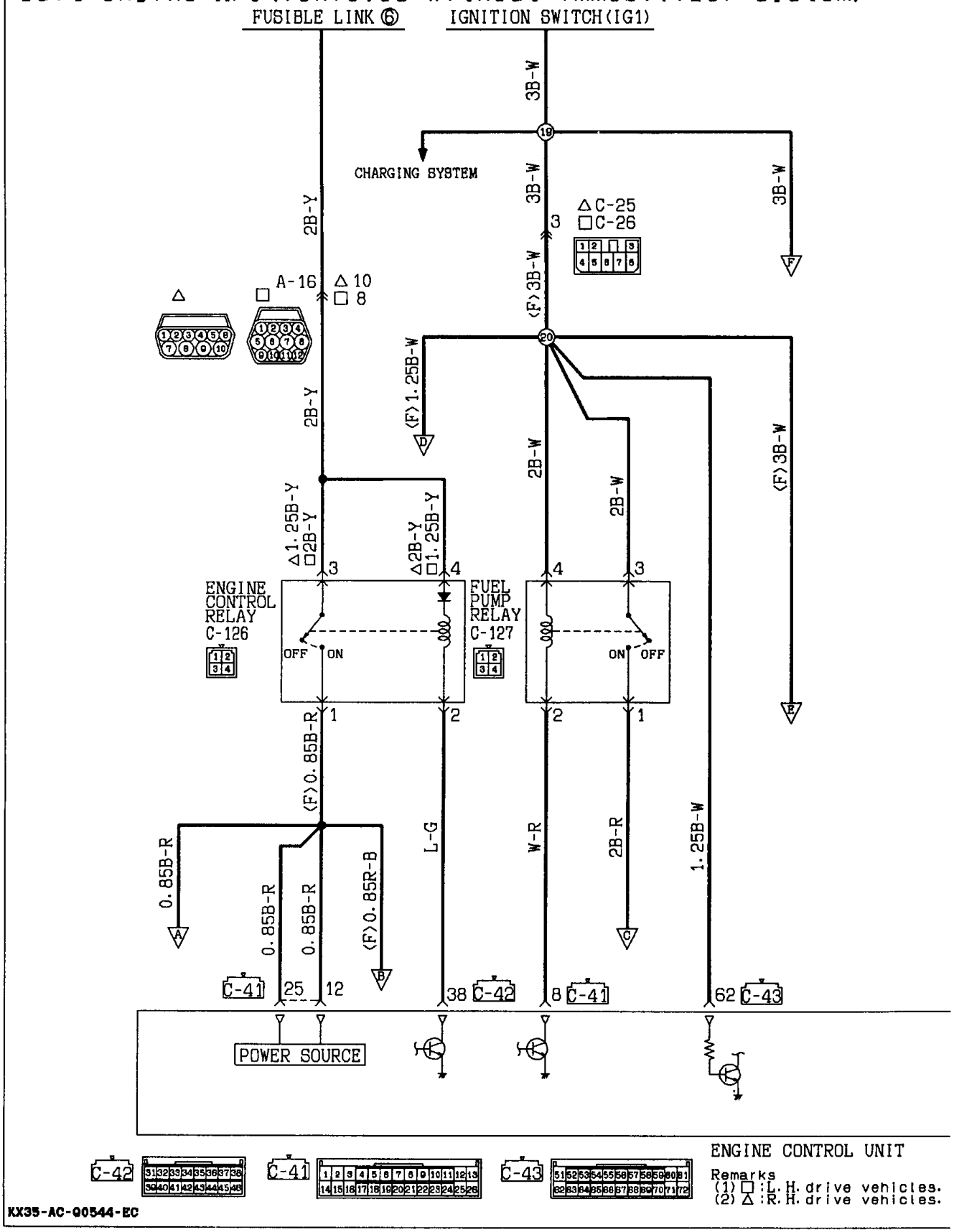
Remarks
(1) □ : L.H. drive vehicles
(2) △ : R.H. drive vehicles

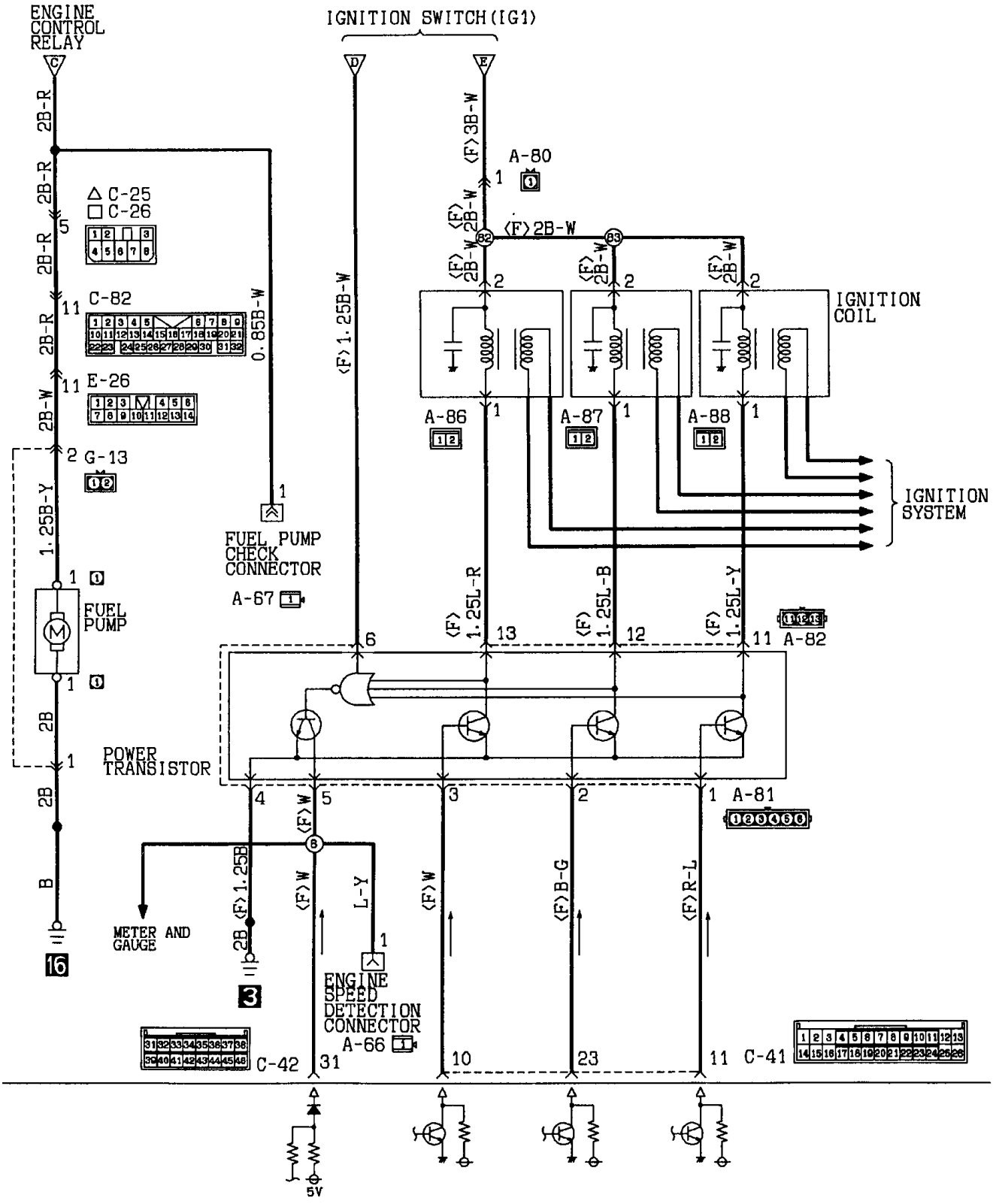
Wire colour code
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow BB:Sky blue
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

KX35-AC-00543D-EC

NOTES

MPI SYSTEM
6G74 engine-A/T〈Vehicles without immobilizer system〉

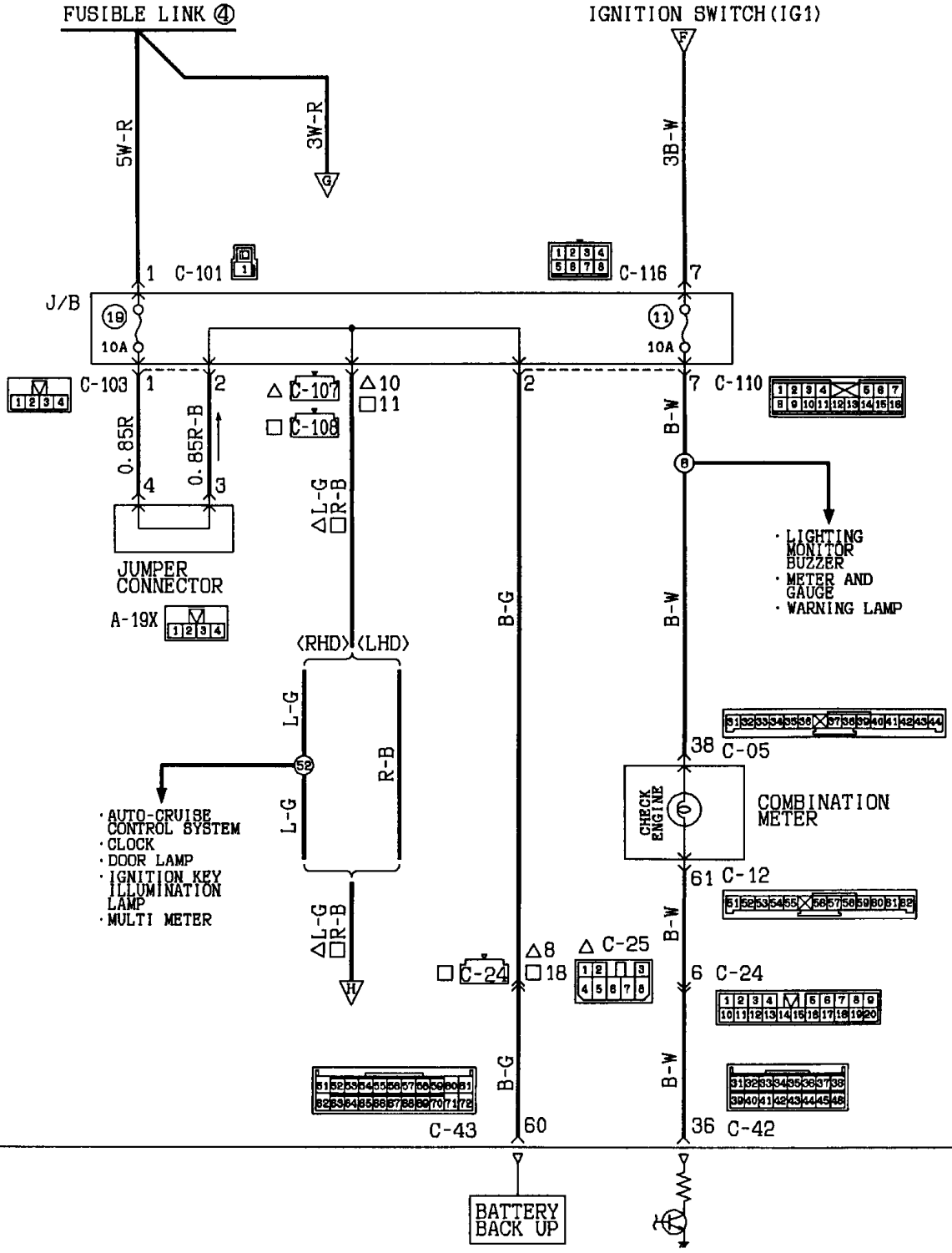




Wire colour code

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	

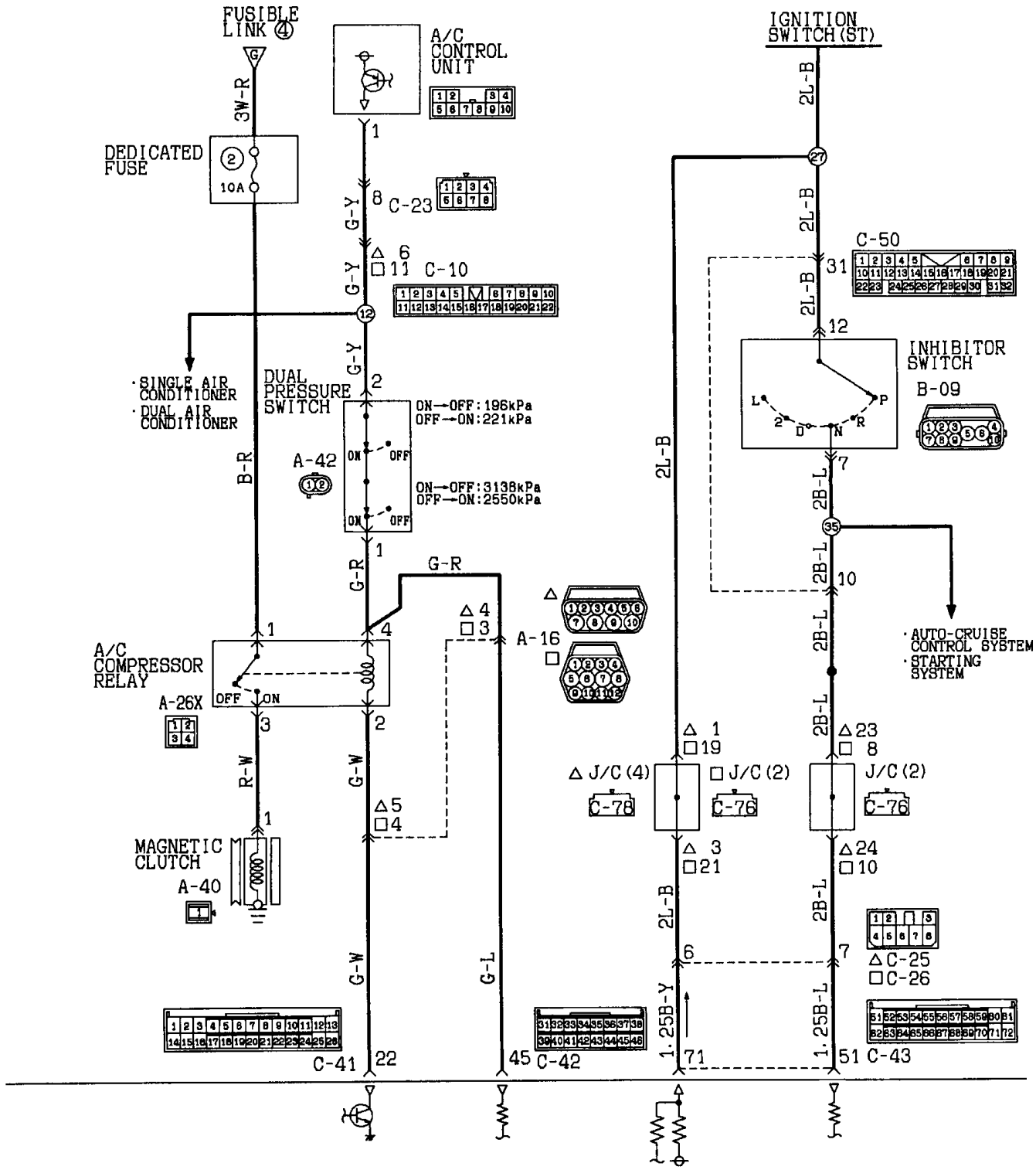
MPI SYSTEM<6G74 engine-A/T(Vehicles without immobilizer system)>(CONTINUED)



C-24 C-107 C-108

ENGINE CONTROL UNIT

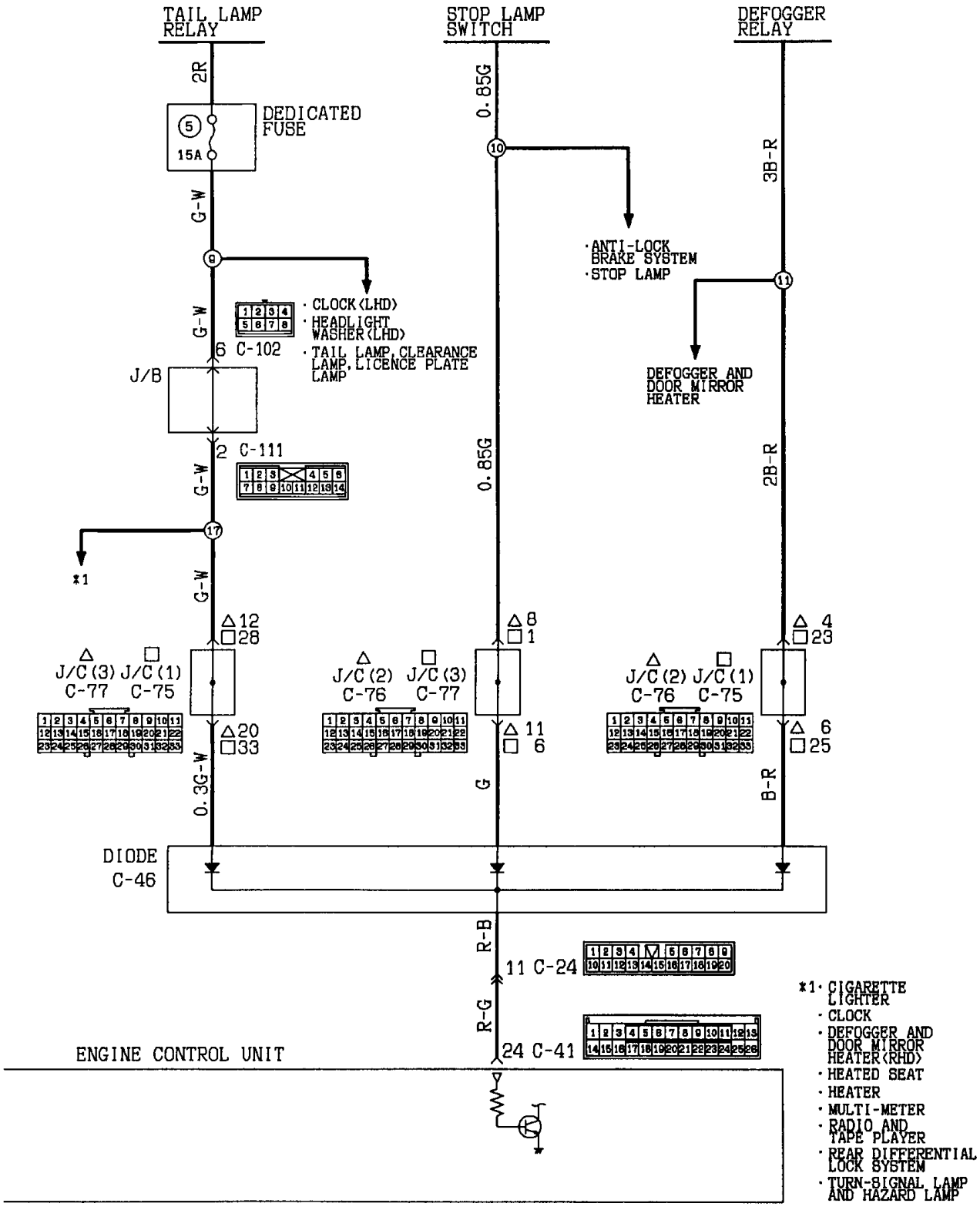
Remarks
(1) □ : L.H. drive vehicles.
(2) △ : R.H. drive vehicles.



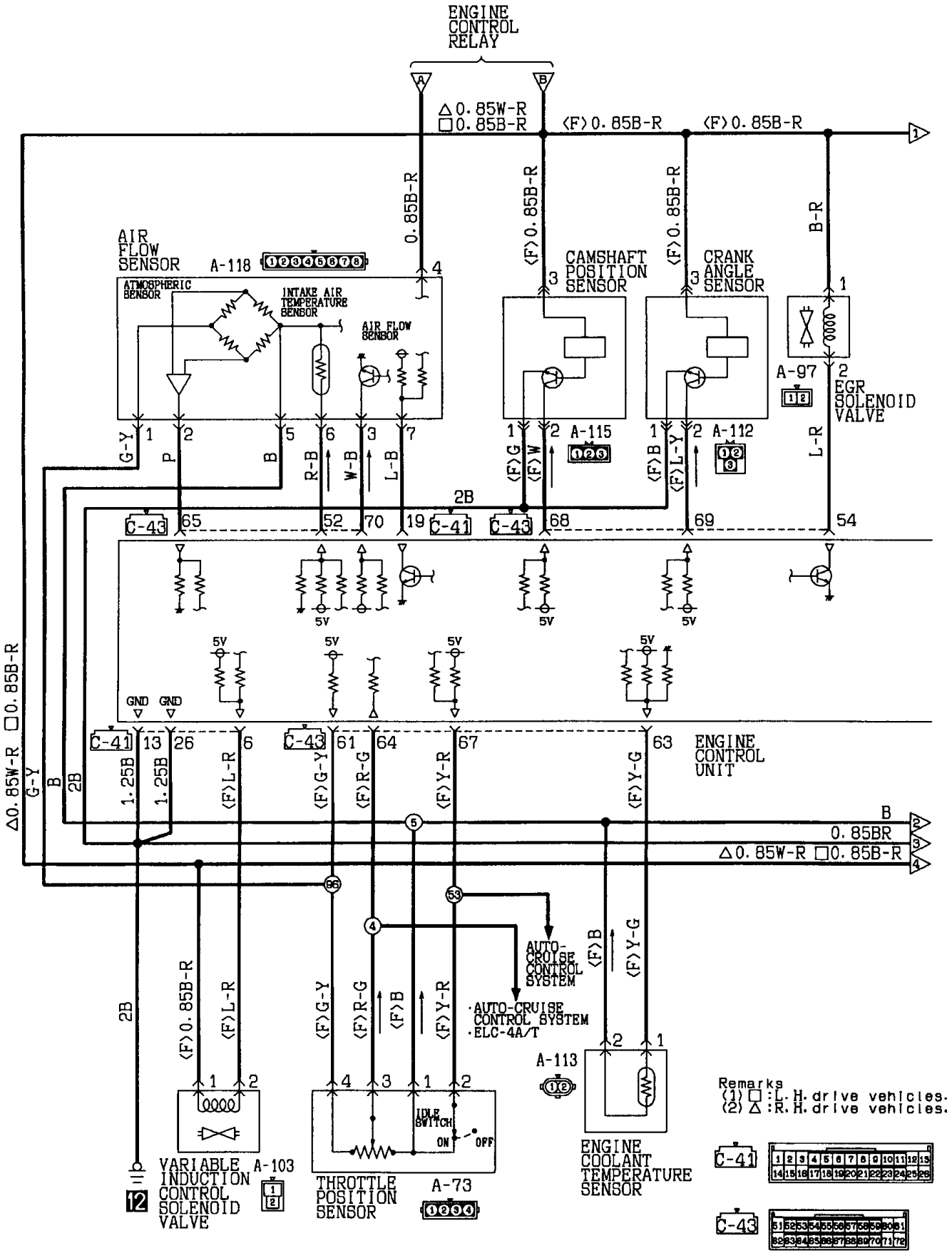
C-76
C-78

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

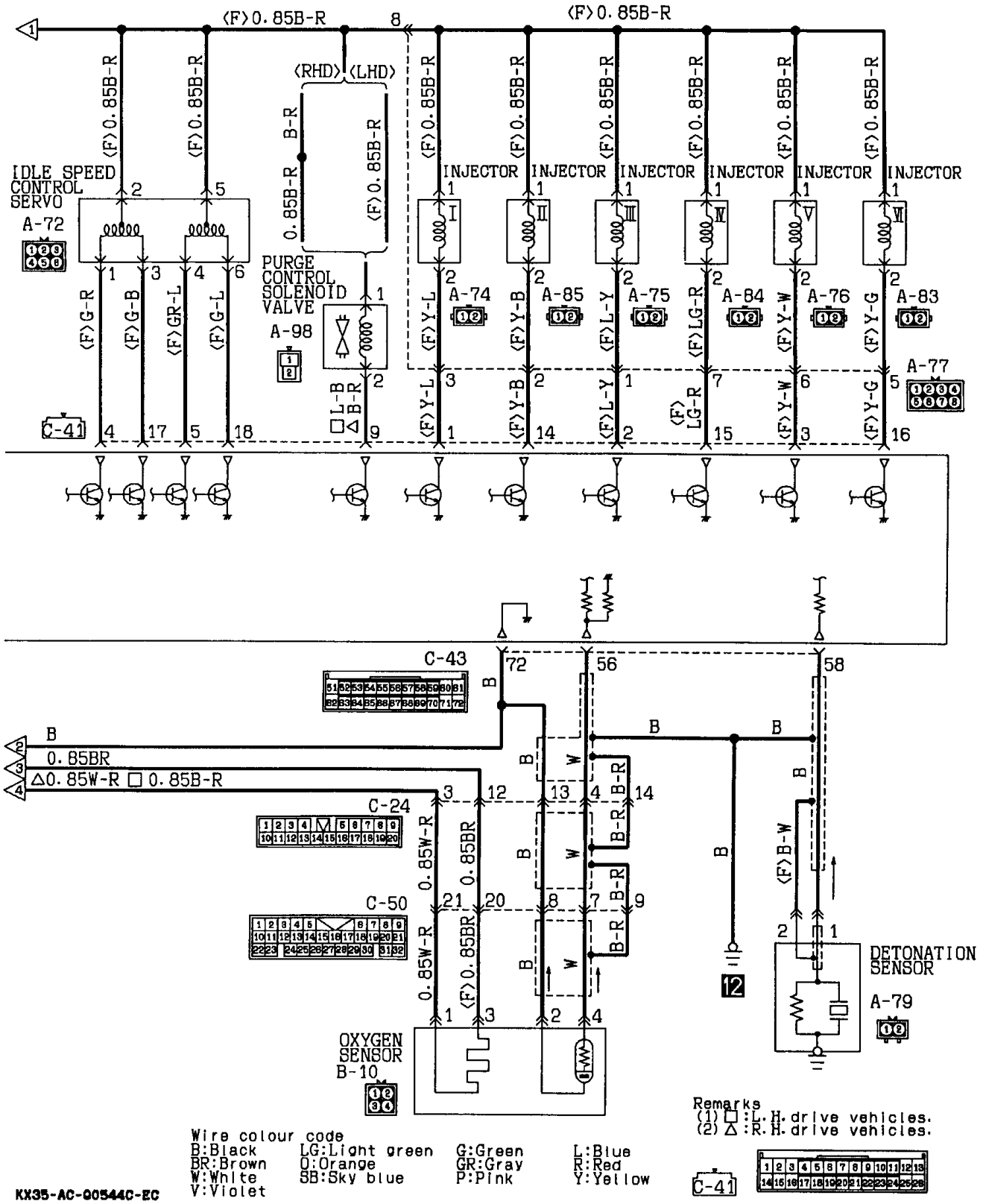
MPI SYSTEM<6G74 engine-A/T(Vehicles without immobilizer system)>(CONTINUED)

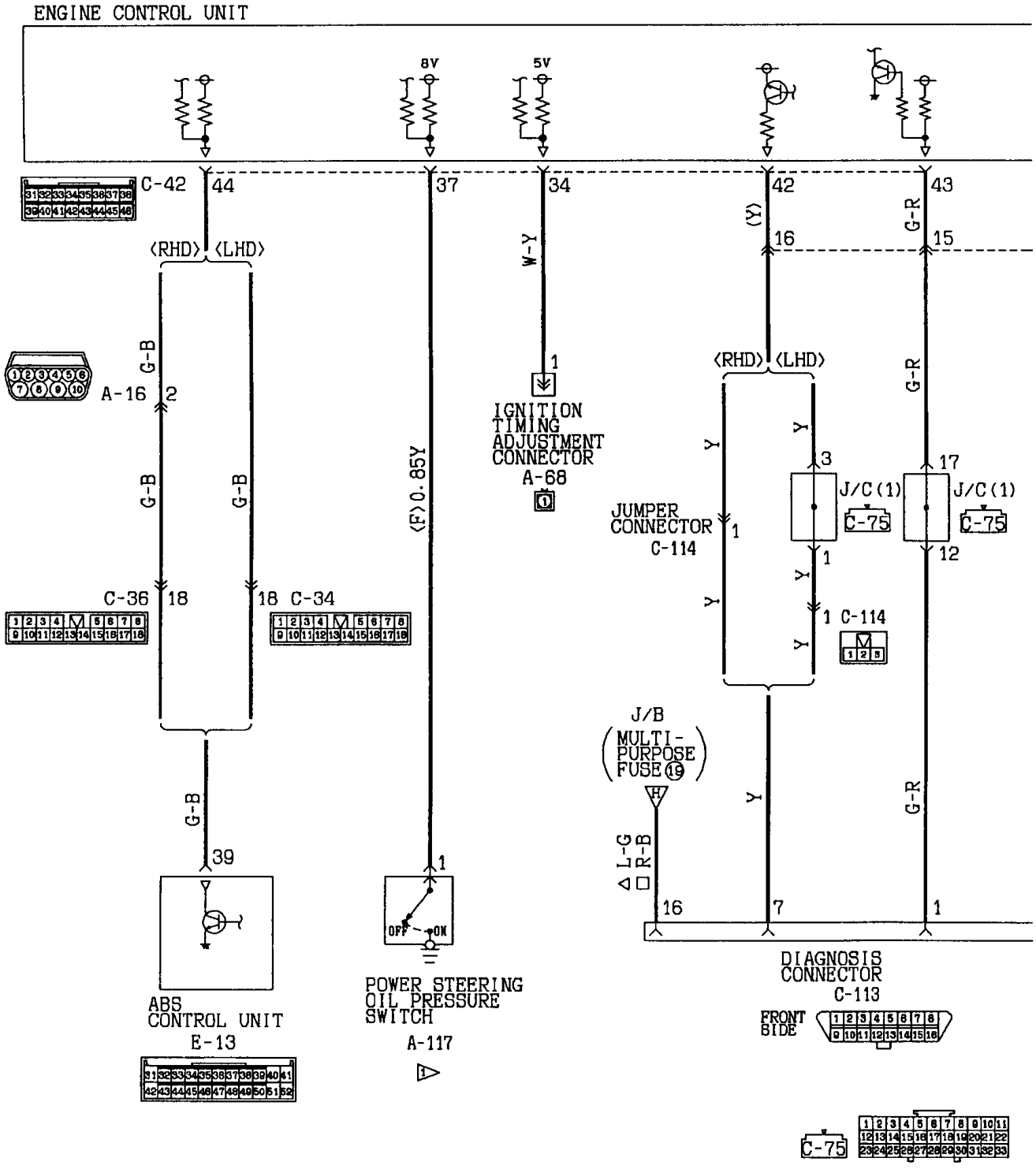


Wire colour code
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

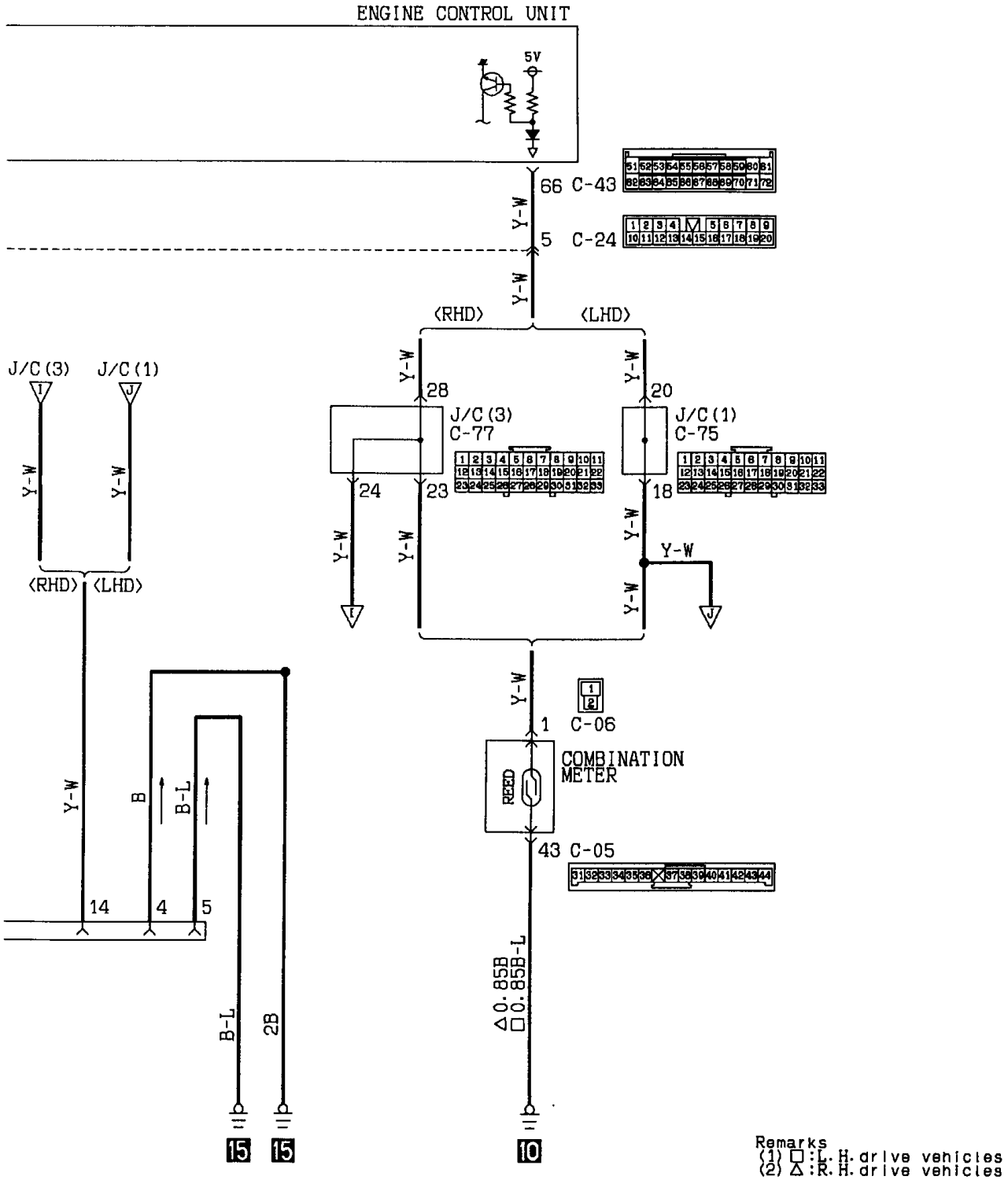

ENGINE CONTROL RELAY
△0.85W-R
□0.85B-R
⟨F⟩0.85B-R
⟨F⟩0.85B-R
AIR FLOW SENSOR
A-118
ATMOSPHERIC SENSOR
INTAKE AIR TEMPERATURE SENSOR
AIR FLOW SENSOR
CAMSHAFT POSITION SENSOR
CRANK ANGLE SENSOR
A-97
EGR SOLENOID VALVE
A-115
A-112
2B
C-43
C-41
5V
GND
ENGINE CONTROL UNIT
AUTO-CRUISE CONTROL SYSTEM
·AUTO-CRUISE CONTROL SYSTEM
·ELC-4A/T
A-113
ENGINE COOLANT TEMPERATURE SENSOR
VARIABLE INDUCTION CONTROL SOLENOID VALVE
A-103
THROTTLE POSITION SENSOR
A-73
IDLE SWITCH
ON
OFF
Remarks
(1) □ : L.H. drive vehicles.
(2) △ : R.H. drive vehicles.

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




ENGINE CONTROL UNIT
8V
5V
C-42
44
37
34
42
43
(Y)
16
G-R
15
⟨RHD⟩ ⟨LHD⟩
W-Y
1
⟨RHD⟩ ⟨LHD⟩
G-B
A-16
2
G-B
G-B
G-R
IGNITION TIMING ADJUSTMENT CONNECTOR A-68
⟨F⟩0.85Y
Y
3
17
J/C(1)
C-75
J/C(1)
C-75
JUMPER CONNECTOR C-114
1
12
C-36
18
18
C-34
1
C-114
J/B
MULTI-PURPOSE FUSE 19
G-B
39
1
L-G
R-B
Y
G-R
16
7
1
OFF
ON
ABS CONTROL UNIT E-13
POWER STEERING OIL PRESSURE SWITCH A-117
DIAGNOSIS CONNECTOR C-113
FRONT SIDE
C-75

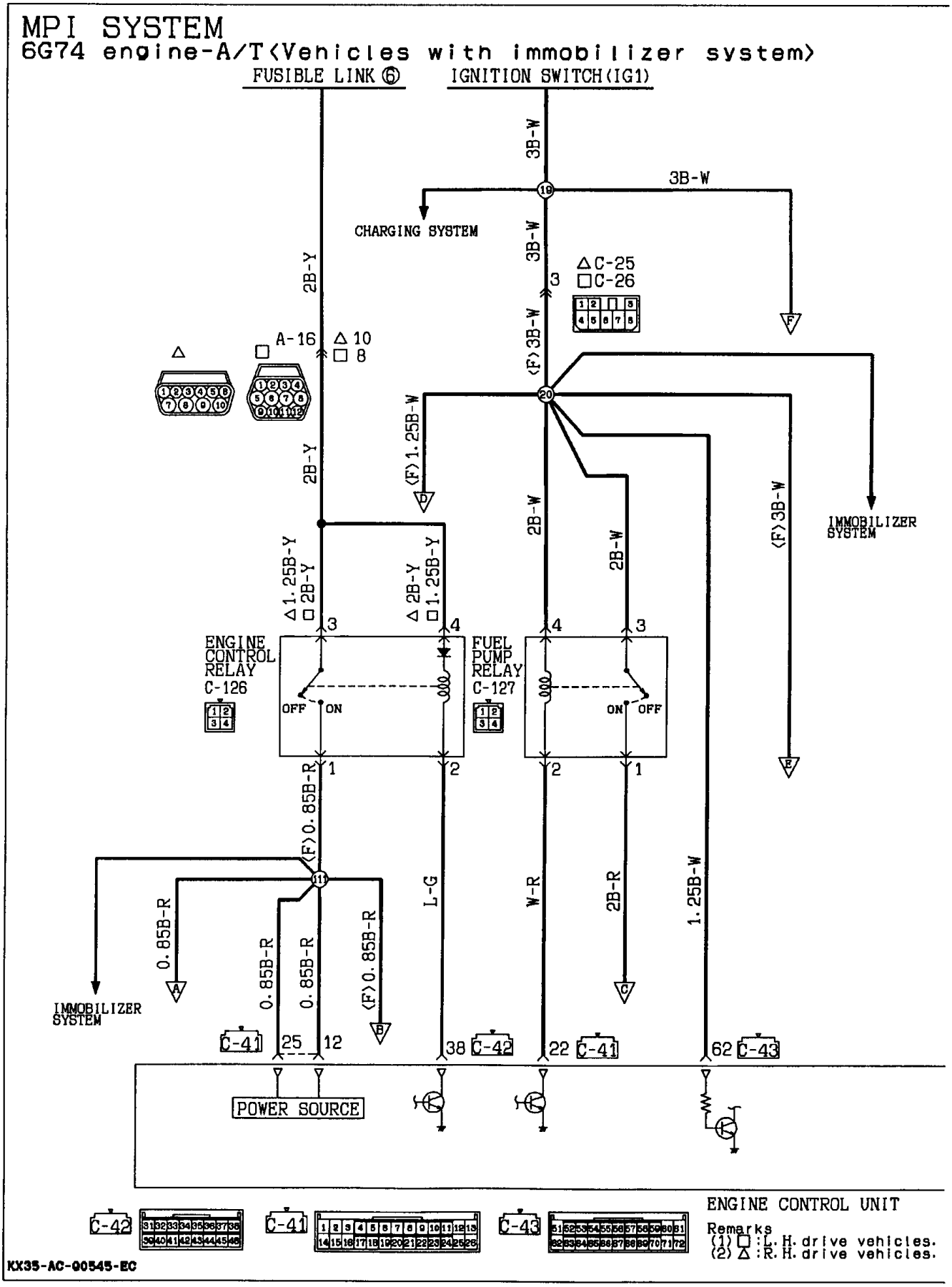
MPI SYSTEM<6G74 engine-A/T(Vehicles without immobilizer system)>(CONTINUED)

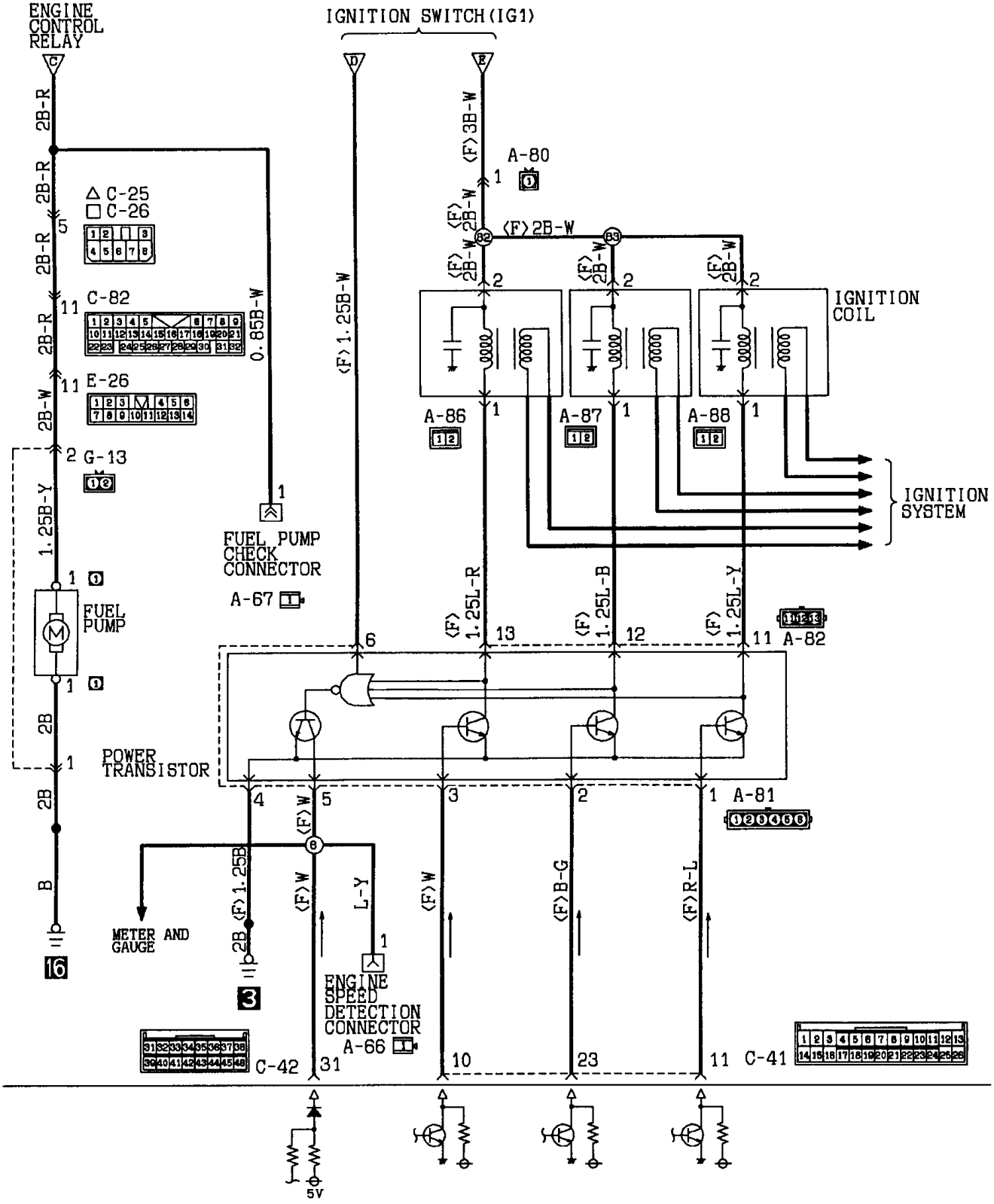


Wire colour code

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	

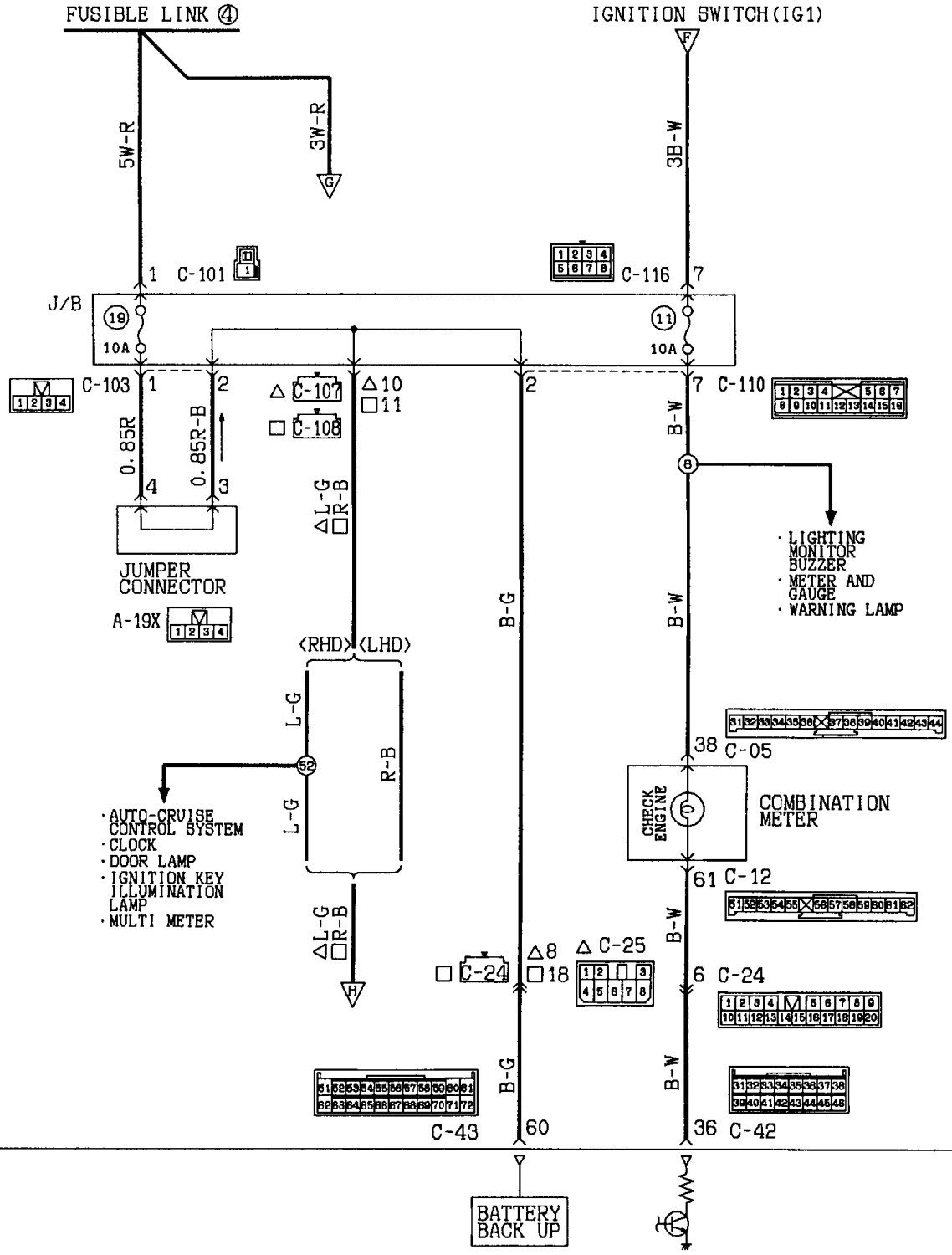
NOTES


MPI SYSTEM
6G74 engine-A/T<Vehicles with immobilizer system>
FUSIBLE LINK ⑥
IGNITION SWITCH(IG1)
3B-W
CHARGING SYSTEM
△C-25
□C-26
2B-Y
A-16
△10
□8
(F)3B-W
(F)1.25B-W
IMMOBILIZER SYSTEM
△1.25B-Y
□2B-Y
△2B-Y
□1.25B-Y
2B-W
ENGINE CONTROL RELAY
C-126
FUEL PUMP RELAY
C-127
OFF
ON
(F)0.85B-R
0.85B-R
L-G
W-R
2B-R
1.25B-W
C-41
C-42
C-43
POWER SOURCE
ENGINE CONTROL UNIT
Remarks
(1) □ : L.H. drive vehicles.
(2) △ : R.H. drive vehicles.
KX35-AC-00545-EC



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<6G74 engine-A/T(Vehicles with immobilizer system)>(CONTINUED)

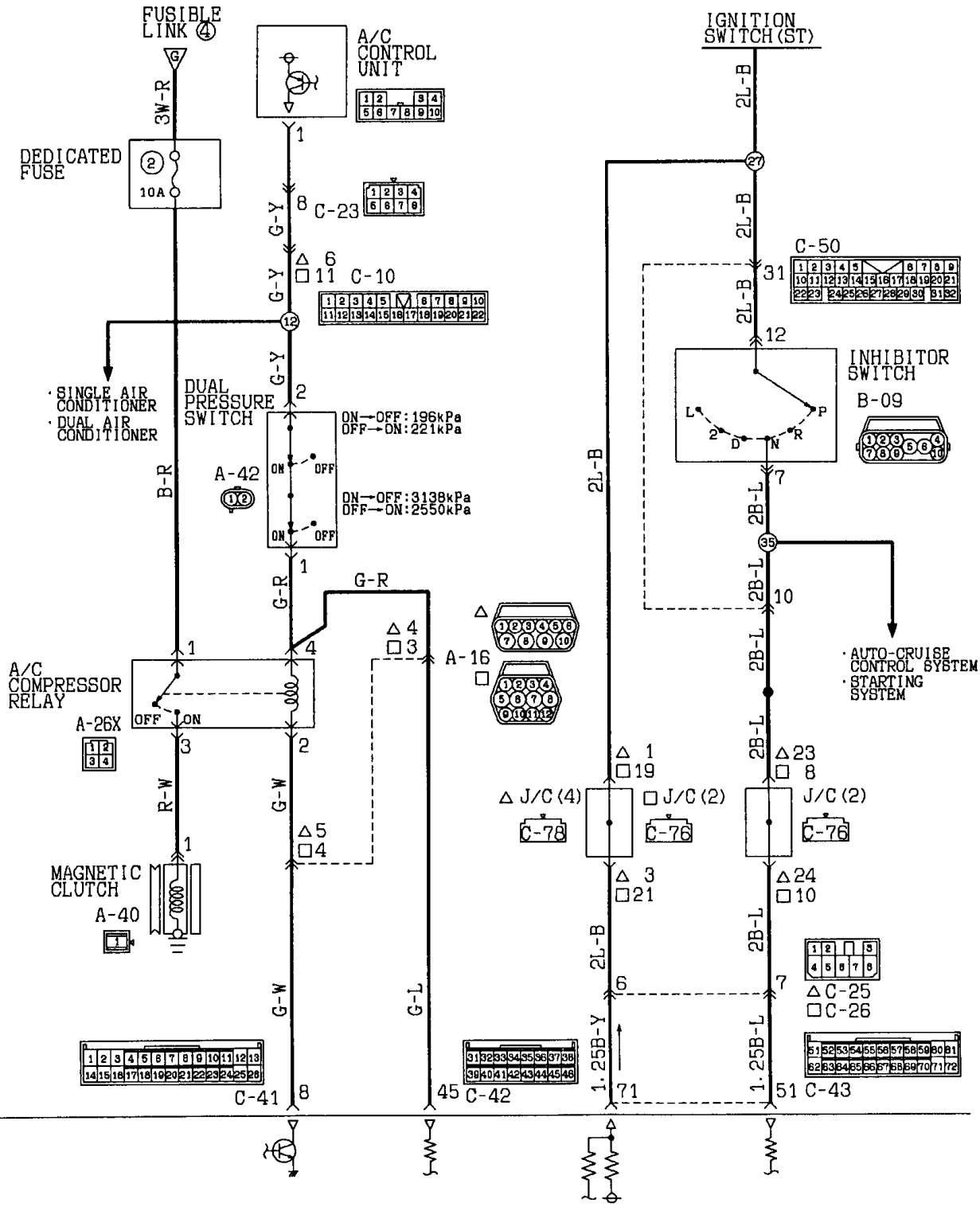


ENGINE CONTROL UNIT

C-24 C-107 C-108

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

KX35-AC-00545A-EC

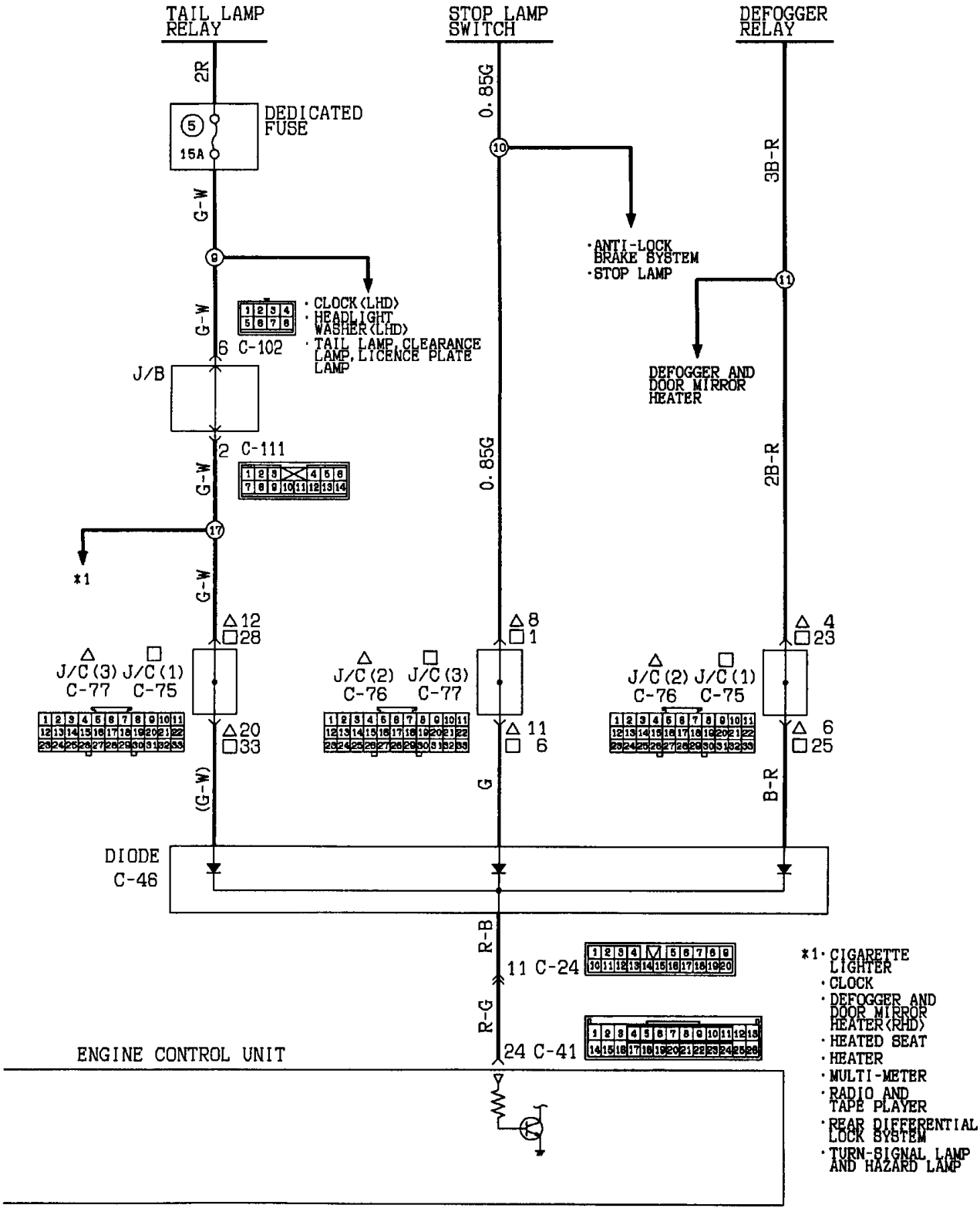


C-76
C-78

Wire colour code

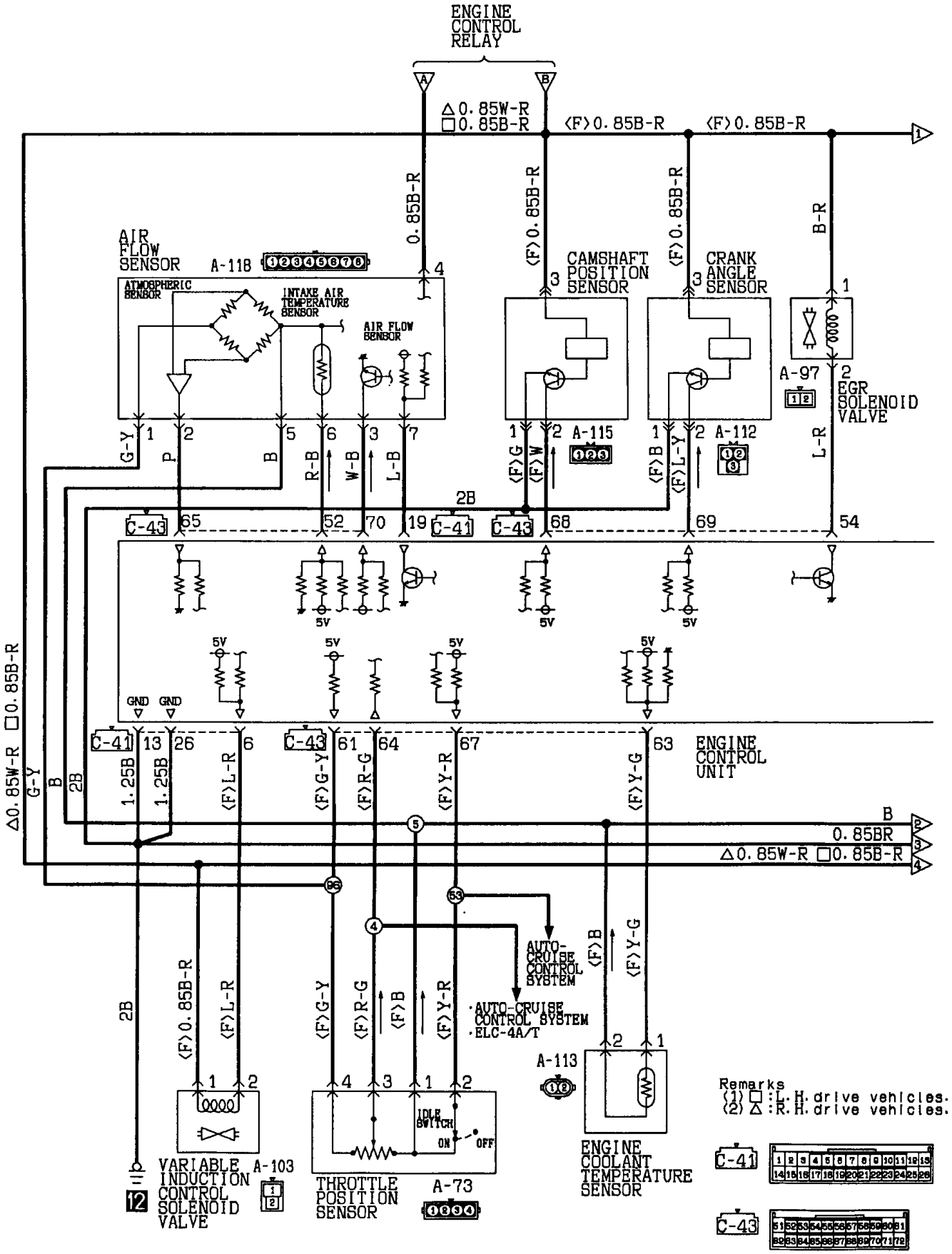
B:Black	LG:Light green	G:Green	L:Blue	W:White	Y:Yellow	SB:Sky blue	
BR:Brown	O:Orange	GR:Gray	R:Red	P:Pink	V:Violet		

MPI SYSTEM<6G74 engine-A/T(Vehicles with immobilizer system)> (CONTINUED)

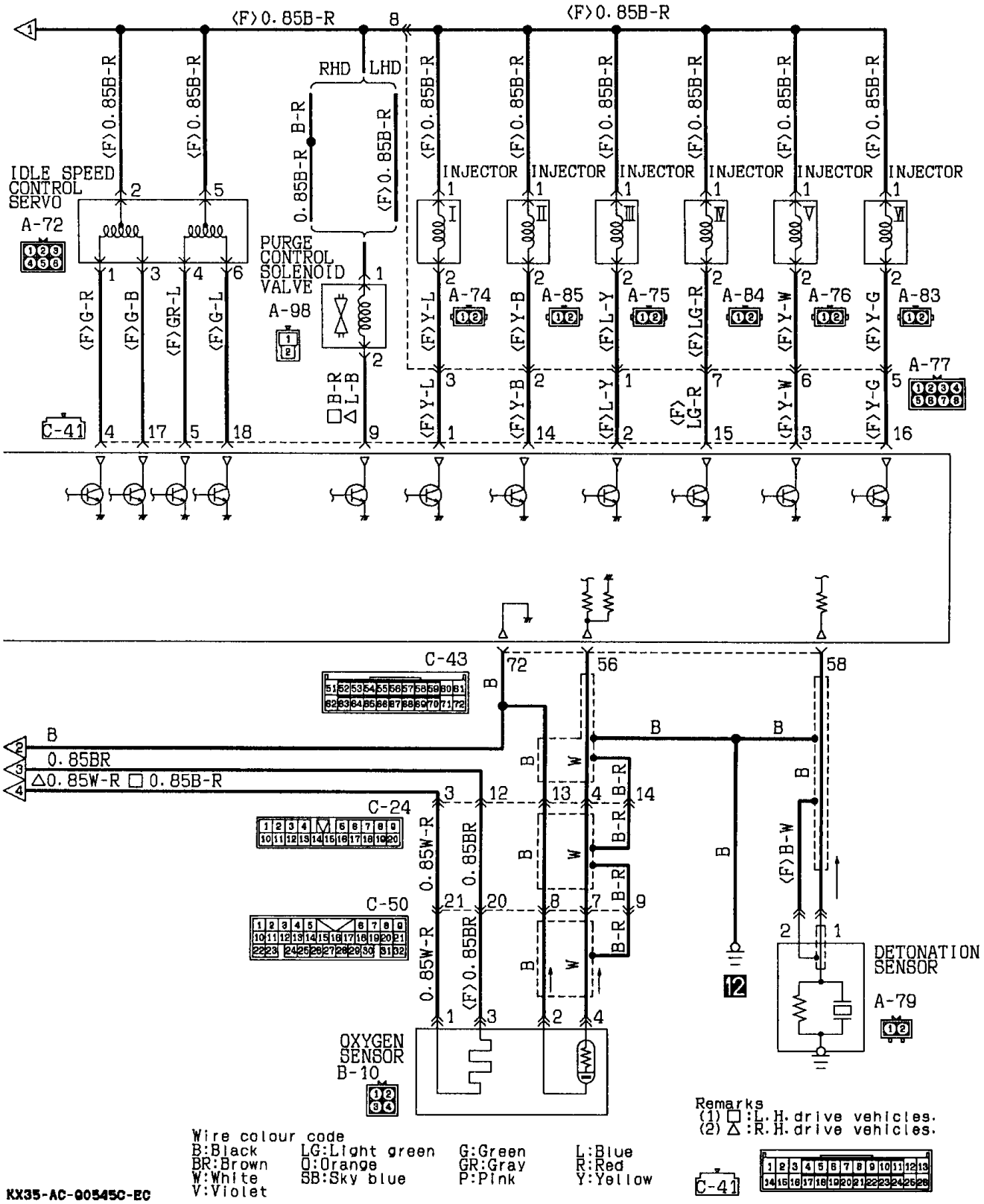


Wire colour code

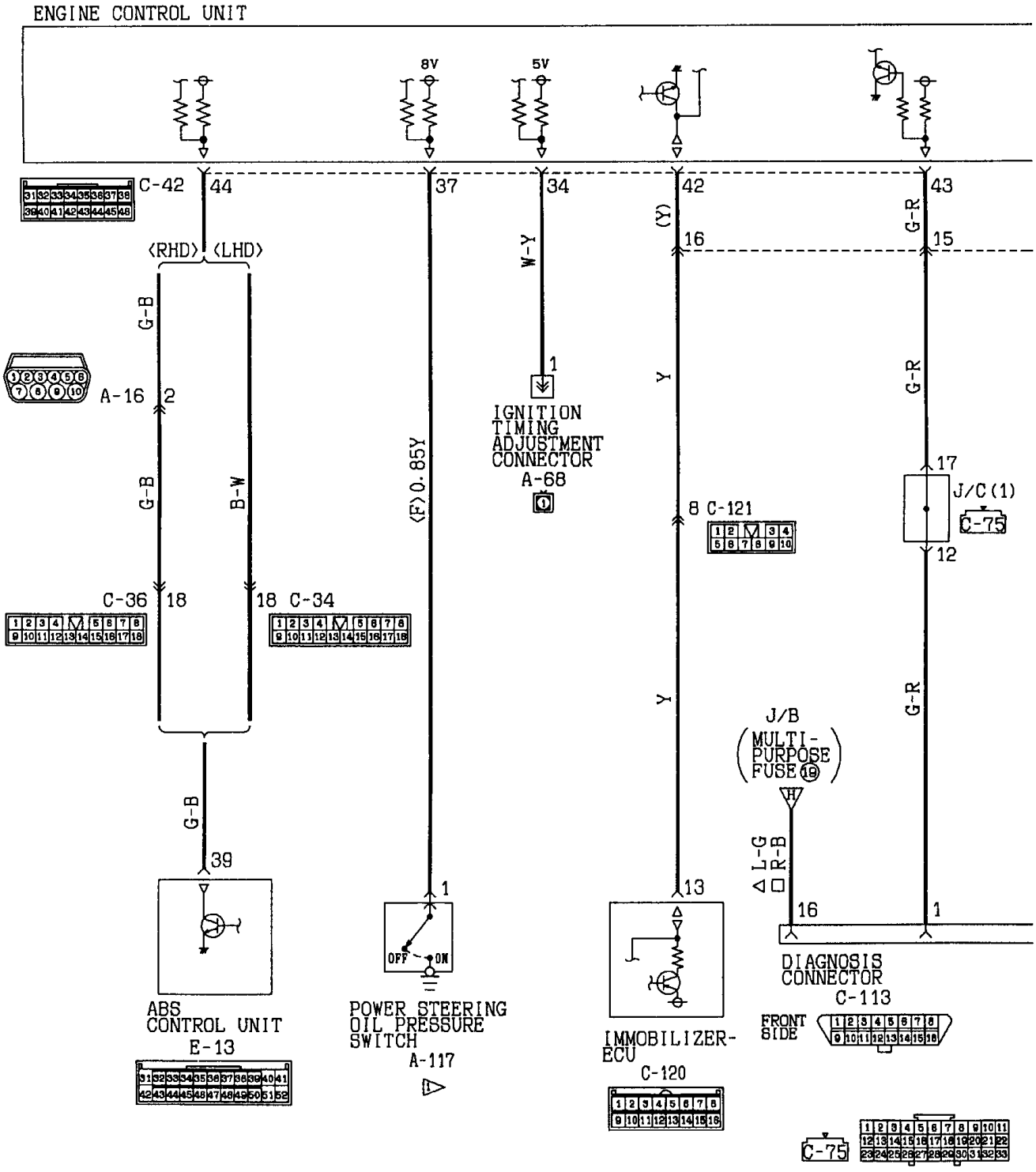
B:Black	LG:Light green	G:Green	L:Blue	W:White	Y:Yellow	SB:Sky blue	
BR:Brown	O:Orange	GR:Gray	R:Red	P:Pink	V:Violet		


ENGINE CONTROL RELAY
△0.85W-R
□0.85B-R
⟨F⟩0.85B-R
⟨F⟩0.85B-R
AIR FLOW SENSOR
A-118
ATMOSPHERIC SENSOR
INTAKE AIR TEMPERATURE SENSOR
AIR FLOW SENSOR
CAMSHAFT POSITION SENSOR
CRANK ANGLE SENSOR
A-97
EGR SOLENOID VALVE
A-115
A-112
2B
C-43
C-41
5V
GND
ENGINE CONTROL UNIT
AUTO-CRUISE CONTROL SYSTEM
·AUTO-CRUISE CONTROL SYSTEM
·ELC-4A/T
A-113
VARIABLE INDUCTION CONTROL SOLENOID VALVE
A-103
THROTTLE POSITION SENSOR
A-73
IDLE SWITCH
ON
OFF
ENGINE COOLANT TEMPERATURE SENSOR
Remarks
(1) □ : L.H. drive vehicles.
(2) △ : R.H. drive vehicles.

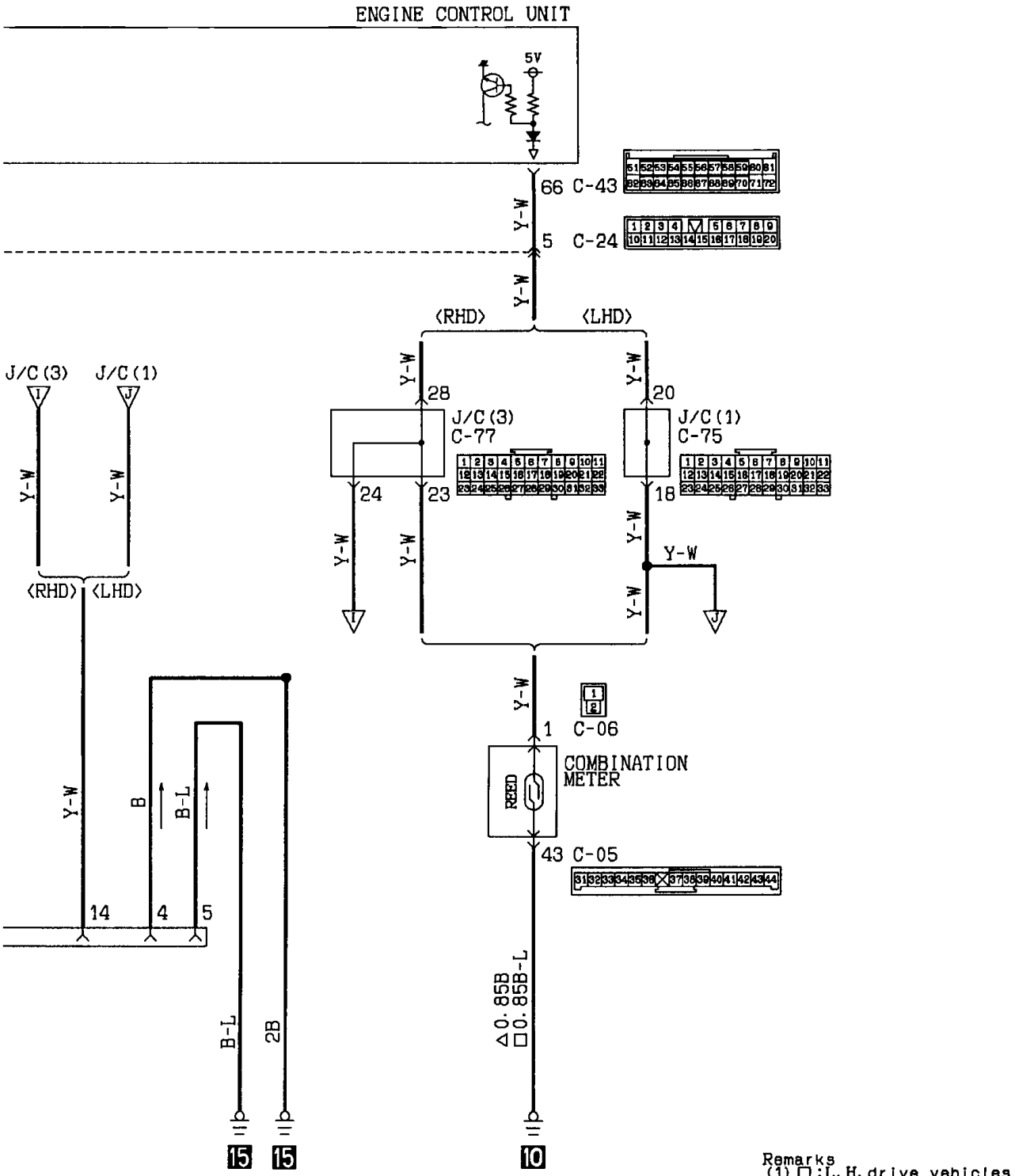
MPI SYSTEM(6G74 engine-A/T(Vehicles with immobilizer system))(CONTINUED)



KX35-AC-00545C-EC


ENGINE CONTROL UNIT
8V
5V
C-42
44
37
34
42
43
(RHD)
(LHD)
G-B
W-Y
(Y)
G-R
16
15
A-16
2
1
IGNITION TIMING ADJUSTMENT CONNECTOR A-68
Y
G-R
17
J/C (1)
C-75
8 C-121
12
C-36
18
18 C-34
(F) 0.85Y
B-W
Y
G-R
J/B (MULTI-PURPOSE FUSE 19)
39
1
13
L-G
R-B
16
1
ABS CONTROL UNIT E-13
POWER STEERING OIL PRESSURE SWITCH A-117
OFF
ON
IMMOBILIZER-ECU C-120
DIAGNOSIS CONNECTOR C-113
FRONT SIDE
C-75

MPI SYSTEM<6G74 engine-A/T(Vehicles with immobilizer system)>(CONTINUED)



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

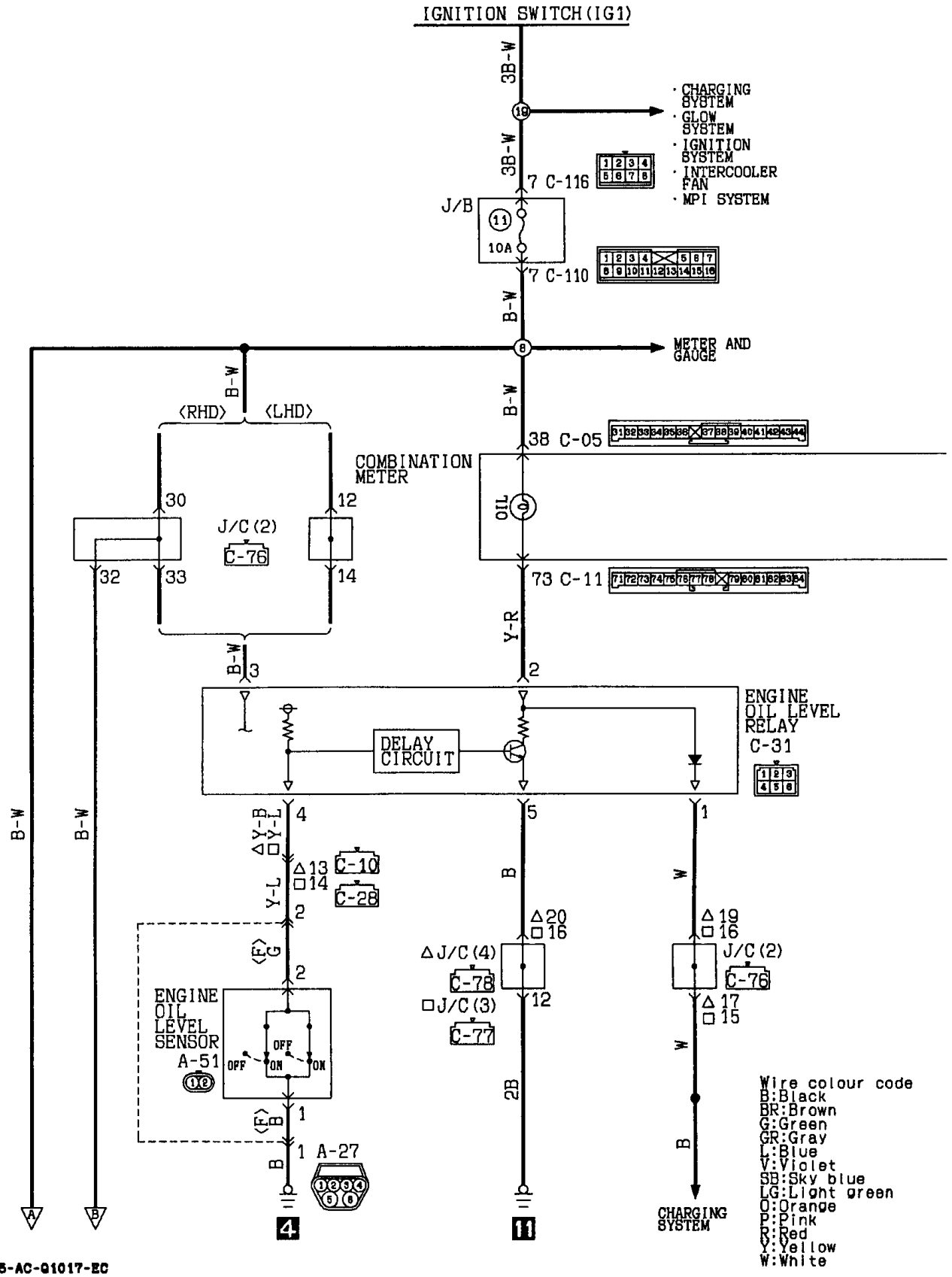
Wire colour code

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	

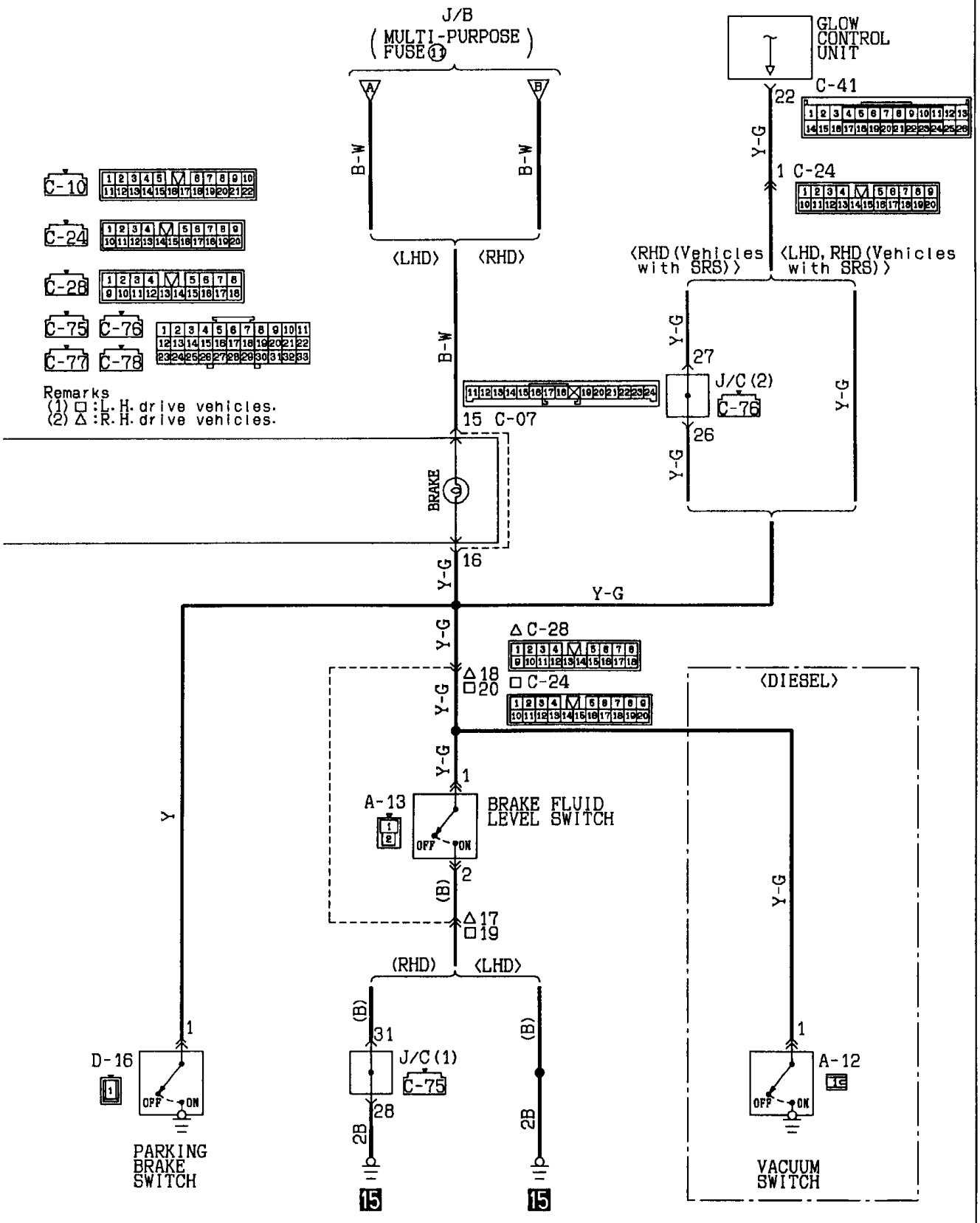
KX35-AC-00545D-EC

NOTES

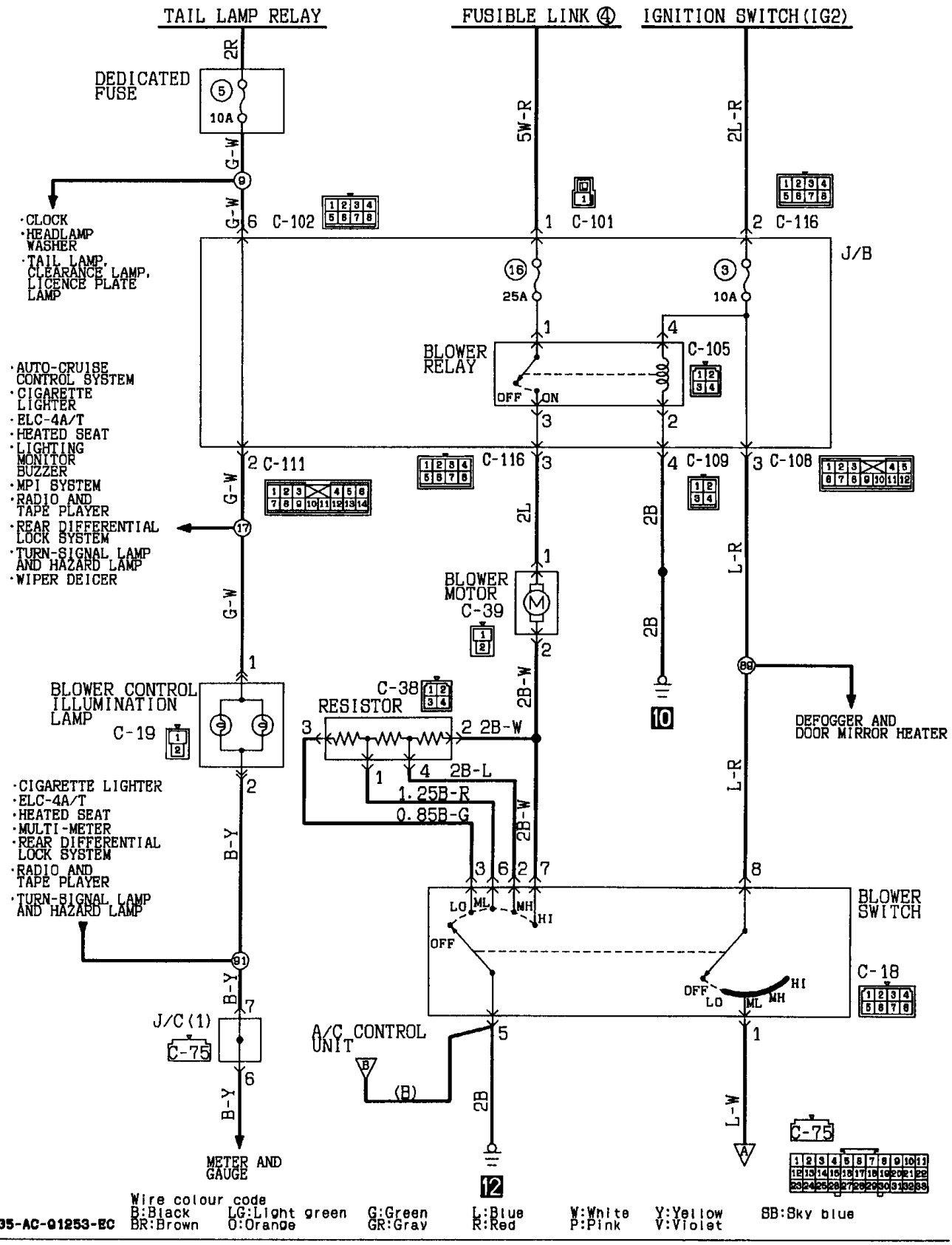
LOW ENGINE OIL LEVEL WARNING LAMP



BRAKE WARNING LAMP



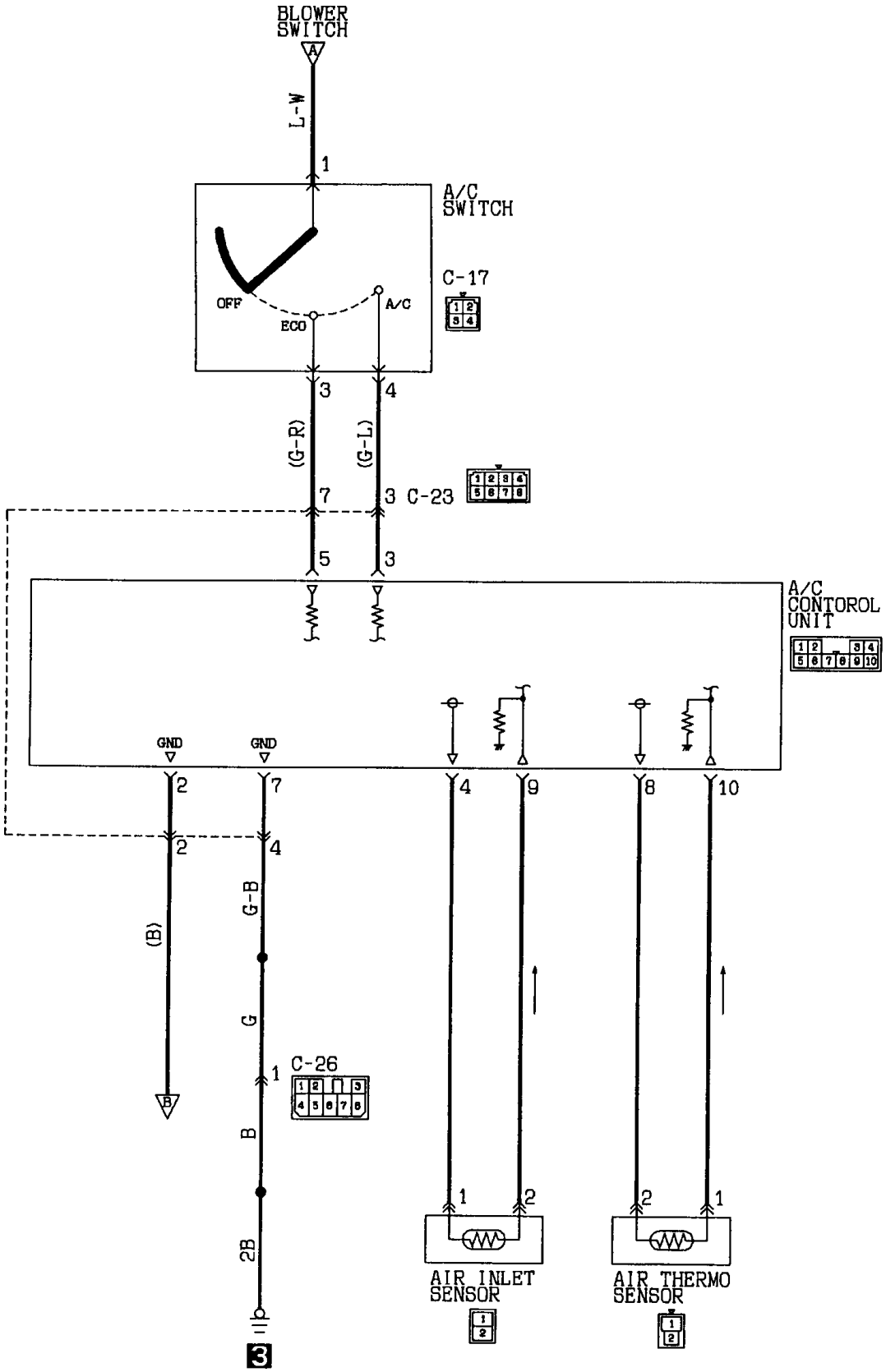
SINGLE AIR CONDITIONER
L.H. drive vehicles(Petrol-powered vehicles)



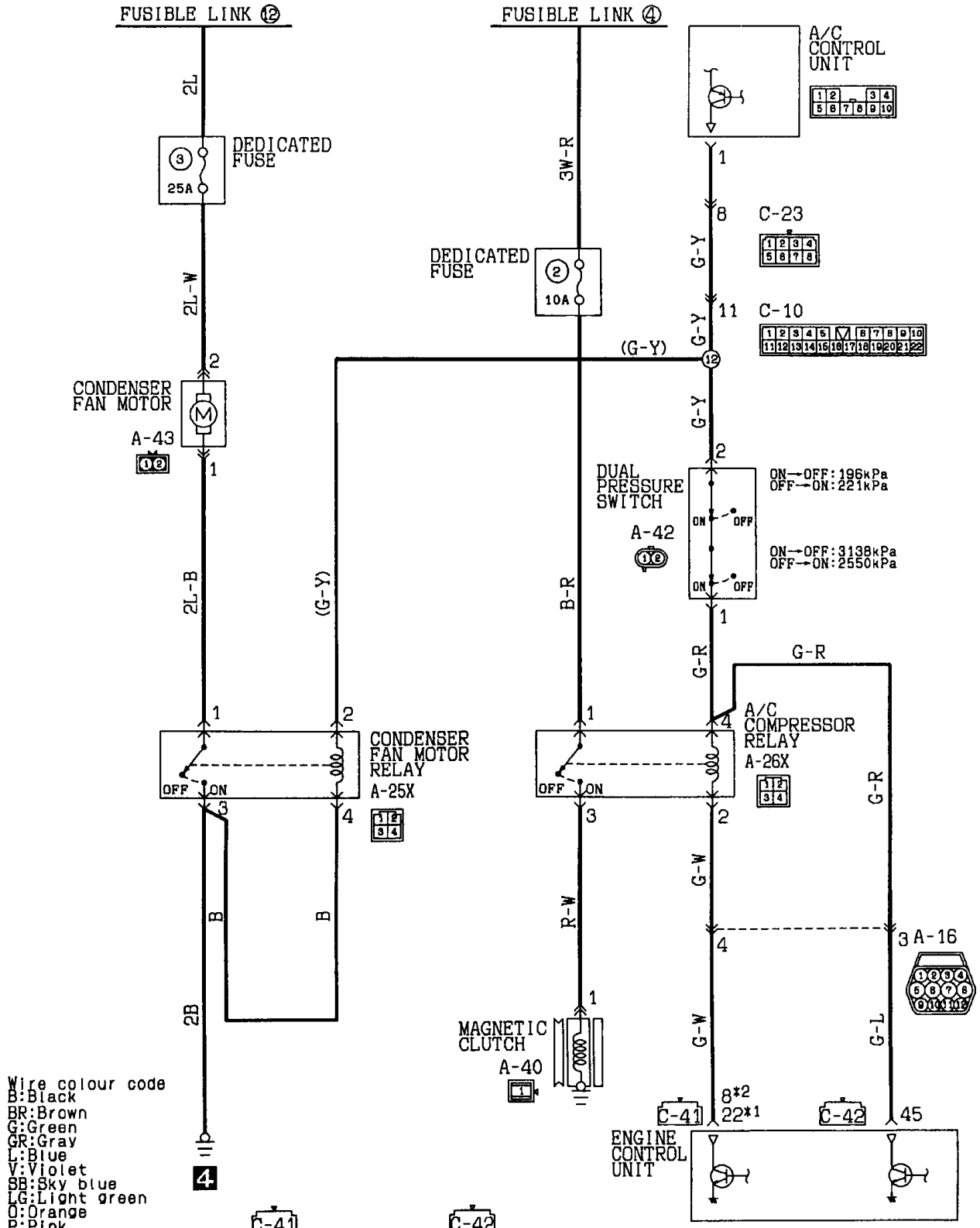
Wire colour code

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		

KX35-AC-01253-EC


BLOWER SWITCH
A
L-W
1
A/C SWITCH
C-17
OFF
ECO
A/C
3
4
(G-R)
(G-L)
7
3
C-23
5
3
A/C CONTOROL UNIT
GND
GND
2
7
4
9
8
10
2
4
(B)
G-B
G
1
C-26
B
2B
B
3
1
2
2
1
AIR INLET SENSOR
AIR THERMO SENSOR

SINGLE AIR CONDITIONER
<L.H. drive vehicles (Petrol-powered vehicles)> (CONTINUED)



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

KX35-AC-01253A-EC

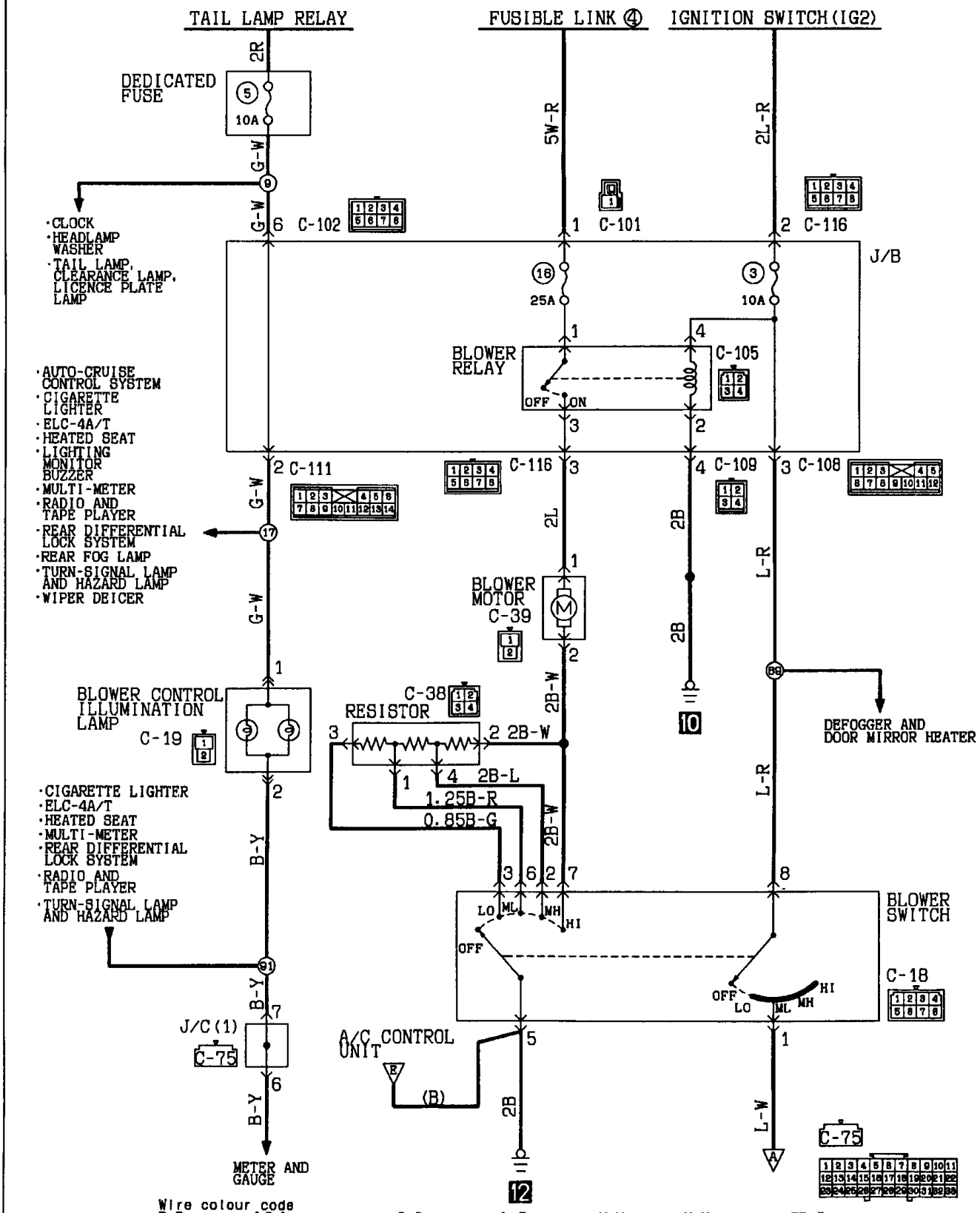
C-41

C-42

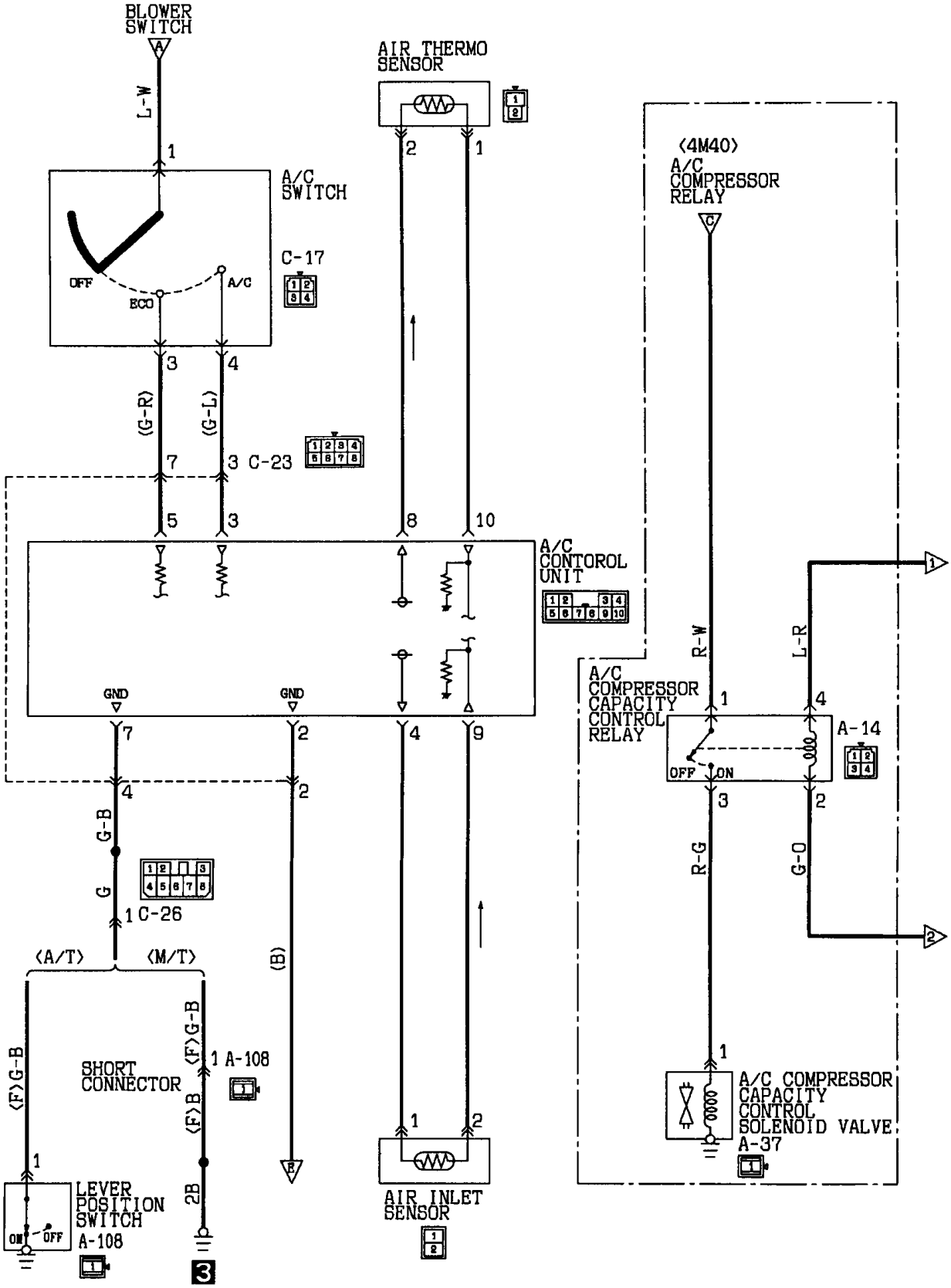
Remarks
(1) *1: Vehicles without immobilizer system
(2) *2: Vehicles with immobilizer system

NOTES

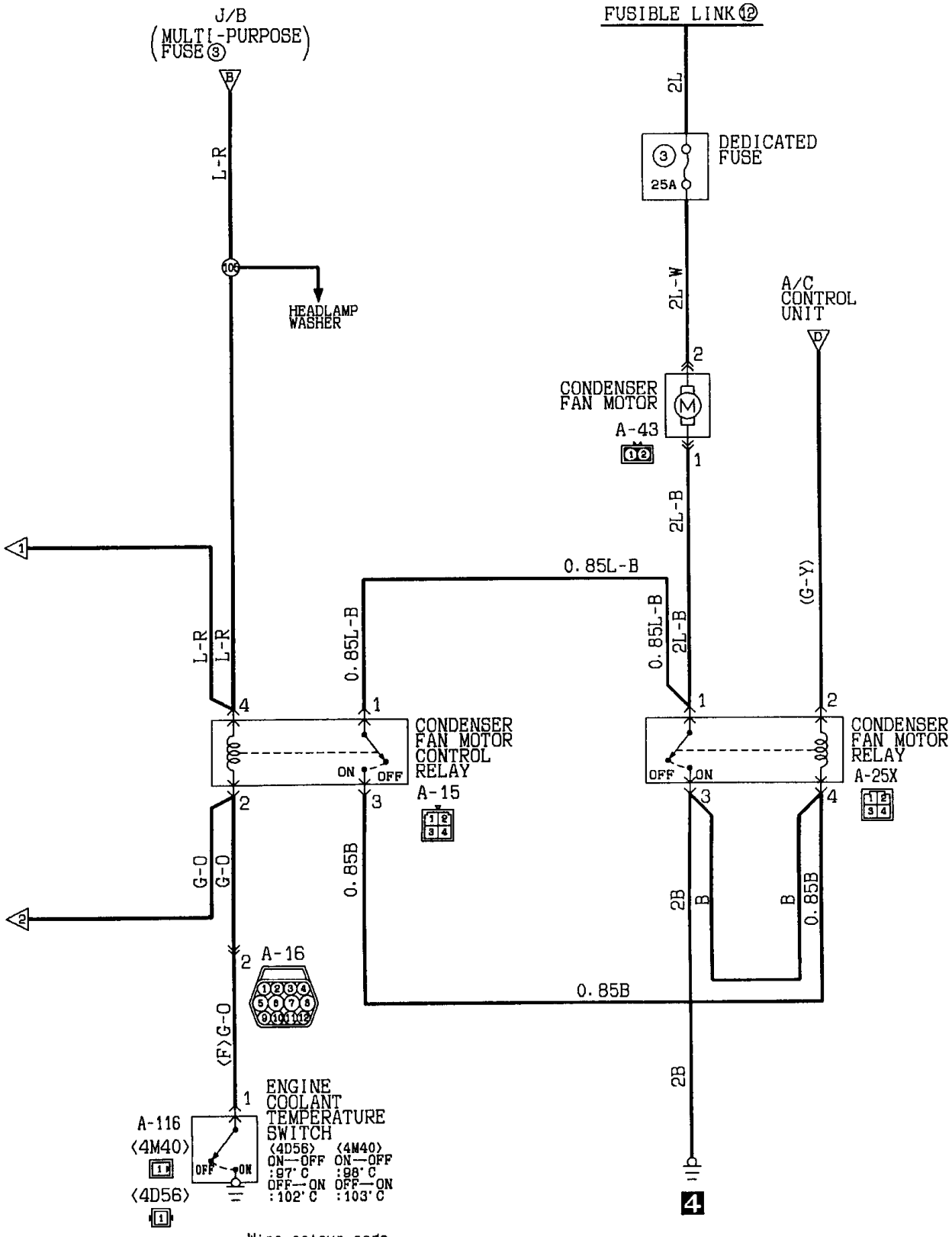
SINGLE AIR CONDITIONER
L.H. drive vehicles<diesel-powered vehicles>



KX35-AC-01254-EC

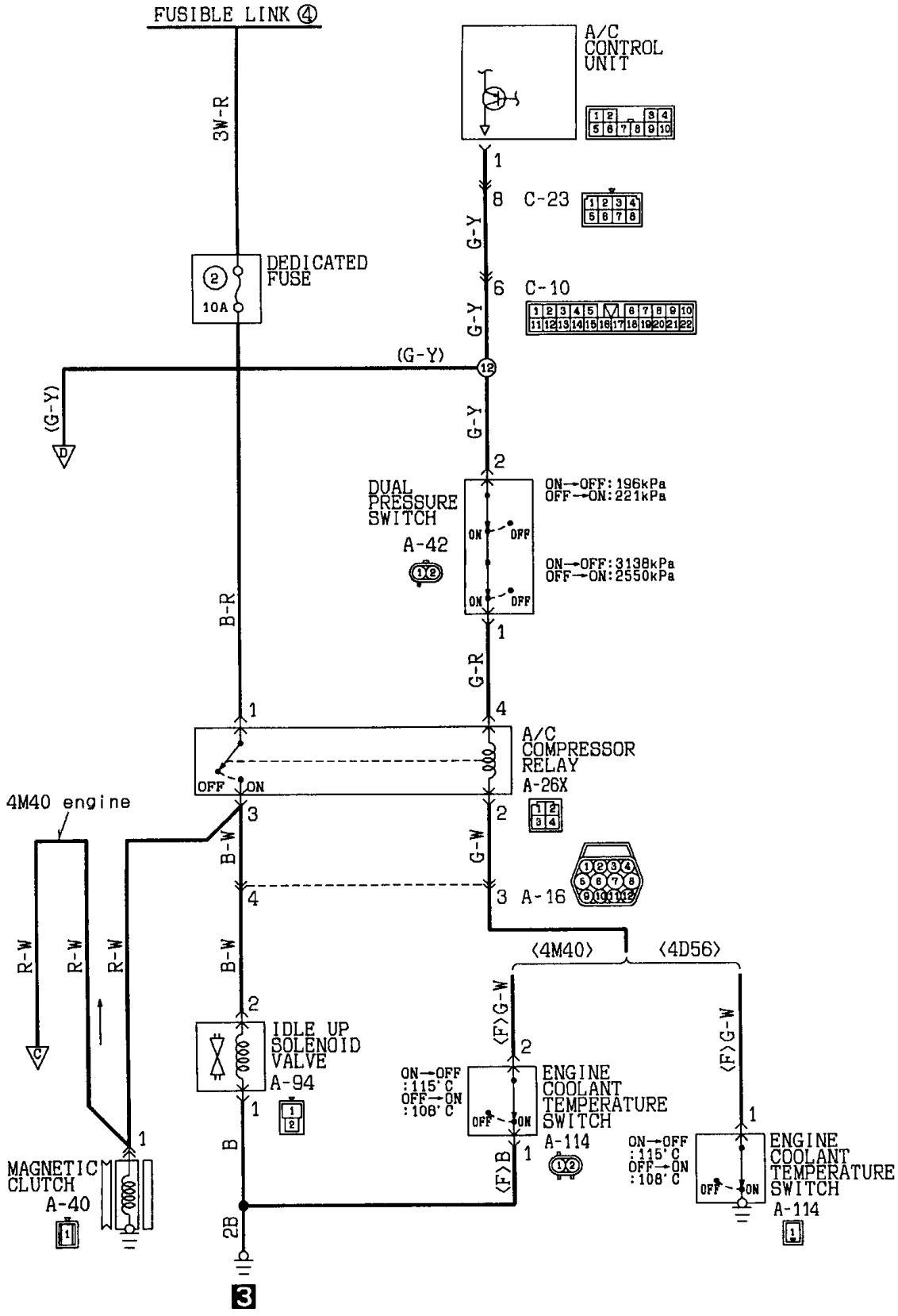

BLOWER SWITCH
L-W
A/C SWITCH
C-17
OFF
ECO
A/C
(G-R)
(G-L)
C-23
AIR THERMO SENSOR
A/C CONTOROL UNIT
GND
GND
G-B
G
C-26
(A/T)
(M/T)
(B)
(F)G-B
SHORT CONNECTOR
A-108
(F)B
LEVER POSITION SWITCH
A-108
ON
OFF
AIR INLET SENSOR
(4M40)
A/C COMPRESSOR RELAY
R-W
L-R
A/C COMPRESSOR CAPACITY CONTROL RELAY
A-14
R-G
G-O
A/C COMPRESSOR CAPACITY CONTROL SOLENOID VALVE
A-37

SINGLE AIR CONDITIONER
<L.H.drive vehicles(diesel-powered vehicles)> (CONTINUED)



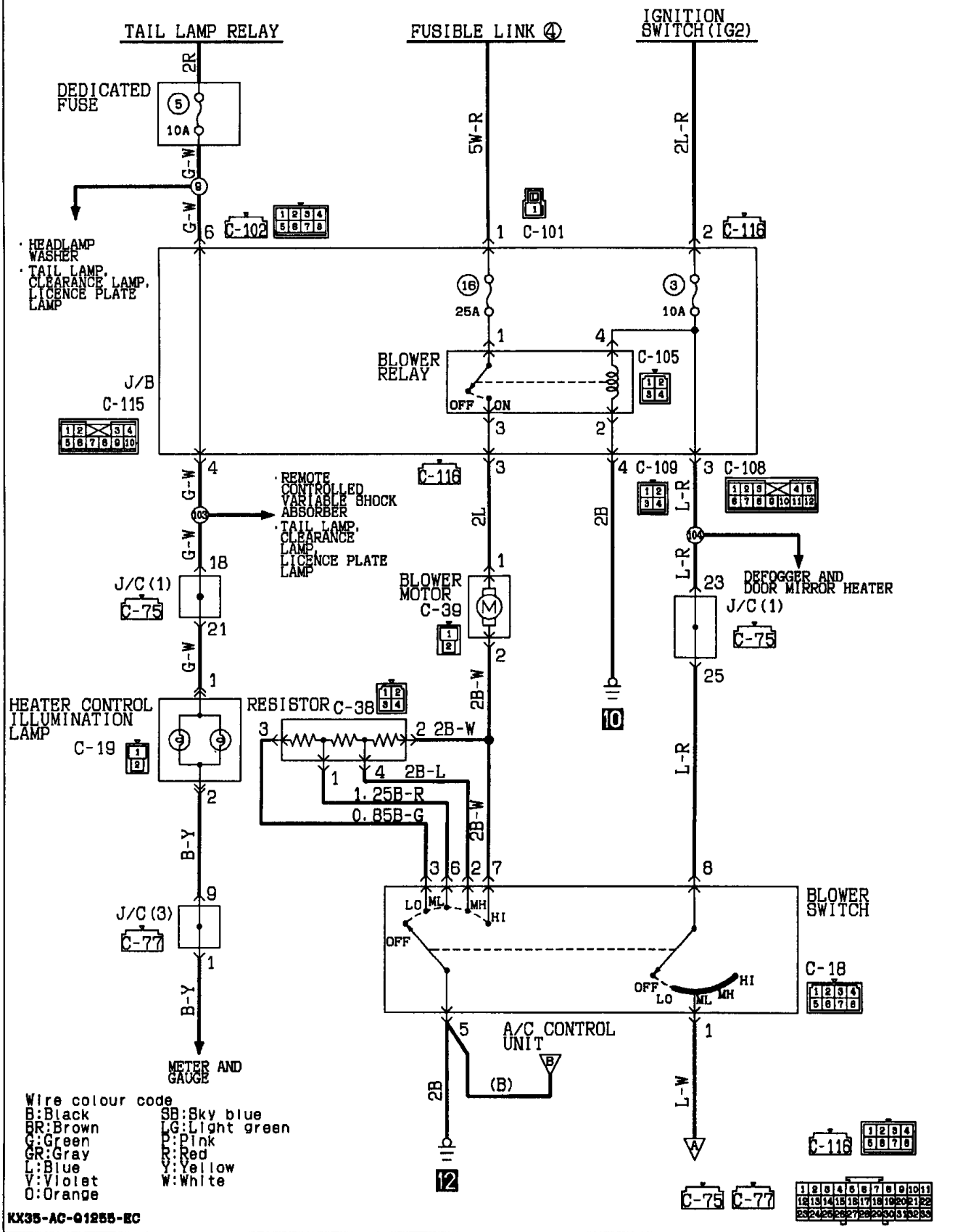
Wire colour code

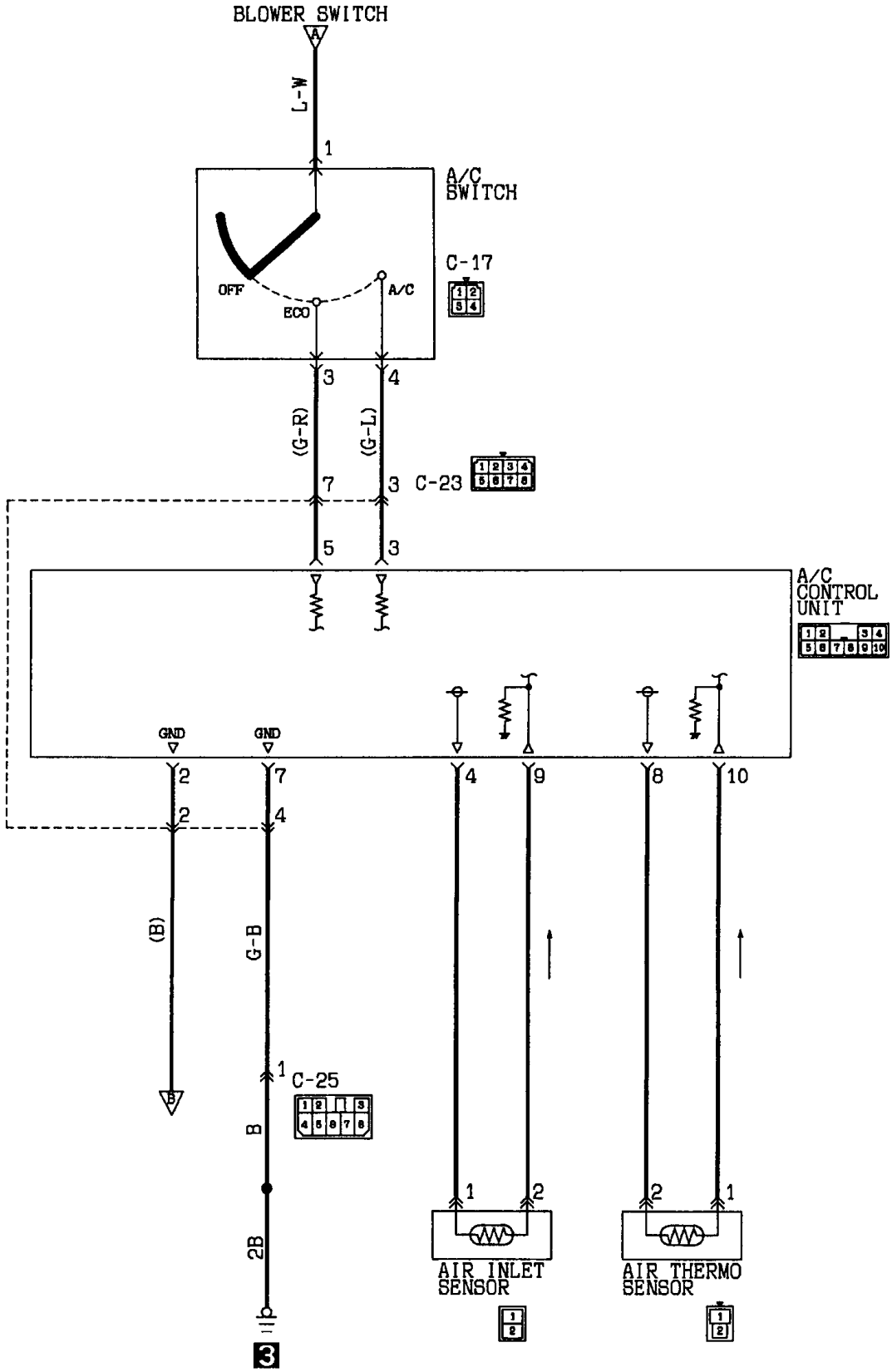
B:Black	LG:Light green	G:Green	L:Blue	W:White	Y:Yellow	SB:Sky blue	
BR:Brown	O:Orange	GR:Gray	R:Red	P:Pink	V:Violet		


FUSIBLE LINK ④
3W-R
DEDICATED FUSE
10A
A/C CONTROL UNIT
C-23
C-10
G-Y
(G-Y)
DUAL PRESSURE SWITCH
A-42
ON→OFF: 196kPa
OFF→ON: 221kPa
ON→OFF: 3138kPa
OFF→ON: 2550kPa
B-R
G-R
A/C COMPRESSOR RELAY
A-26X
4M40 engine
B-W
G-W
A-16
R-W
〈4M40〉
〈4D56〉
〈F〉G-W
IDLE UP SOLENOID VALVE
A-94
ENGINE COOLANT TEMPERATURE SWITCH
A-114
ON→OFF :115°C
OFF→ON :108°C
〈F〉B
B
2B
MAGNETIC CLUTCH
A-40
3

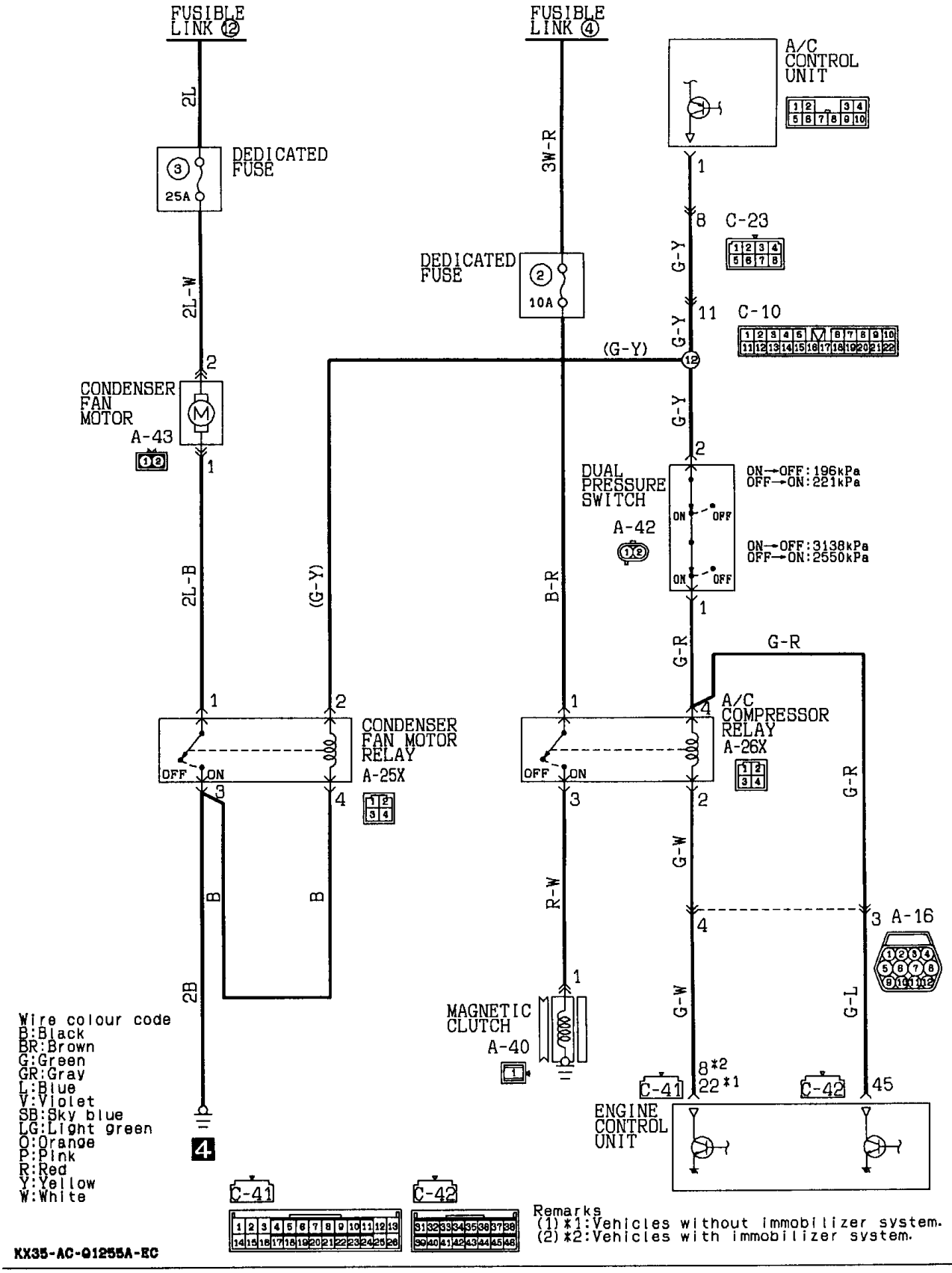
SINGLE AIR CONDITIONER

<R.H. drive vehicles (petrol-powered vehicles)>




BLOWER SWITCH
A
L-W
1
A/C SWITCH
C-17
OFF
ECO
A/C
3
4
(G-R)
(G-L)
7
3
C-23
5
3
A/C CONTROL UNIT
GND
GND
2
7
4
9
8
10
2
4
(B)
G-B
1
C-25
B
2B
B
3
1
2
2
1
AIR INLET SENSOR
AIR THERMO SENSOR

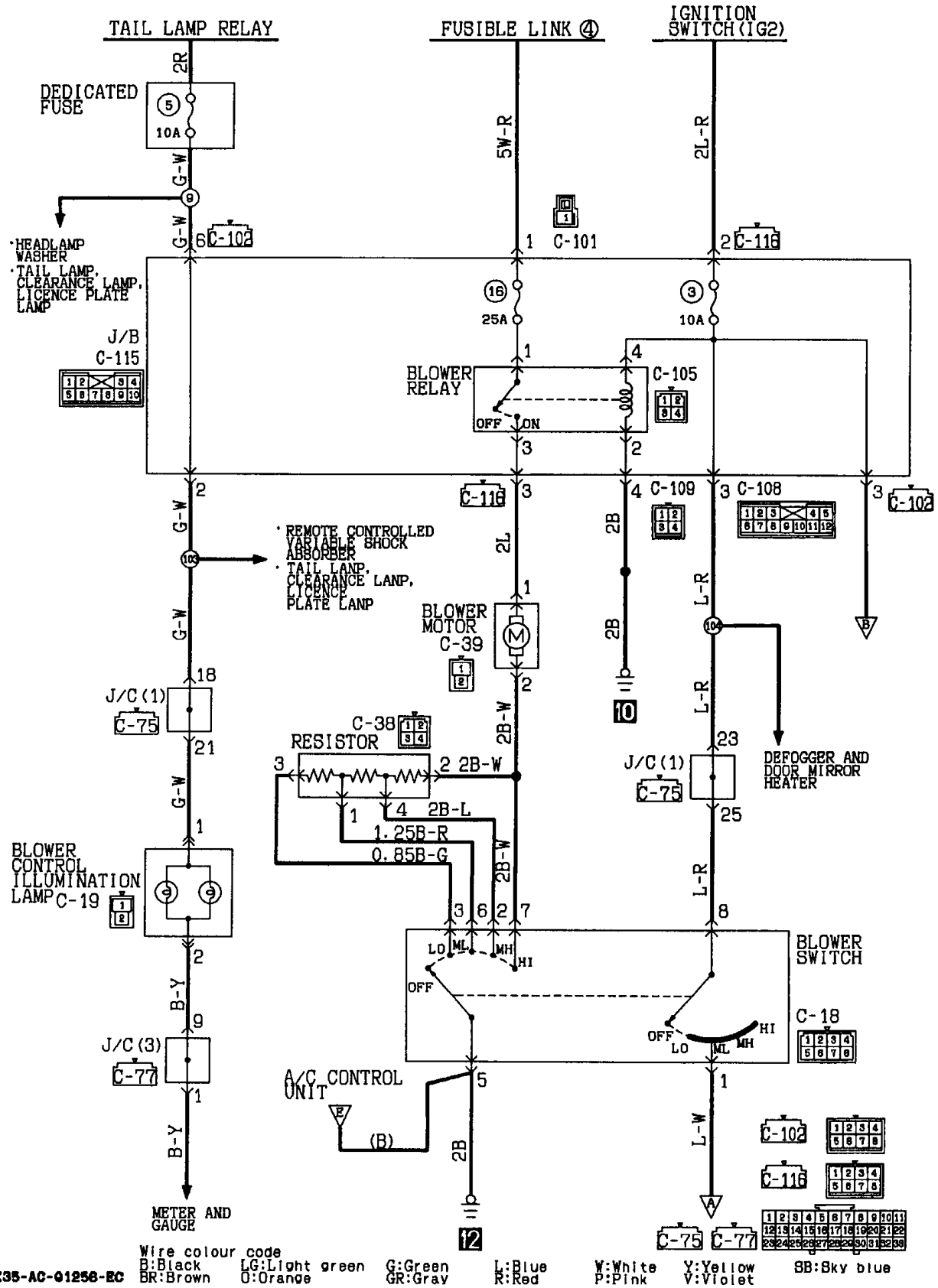
SINGLE AIR CONDITIONER
(R.H. drive vehicles (petrol-powered vehicles)) (CONTINUED)

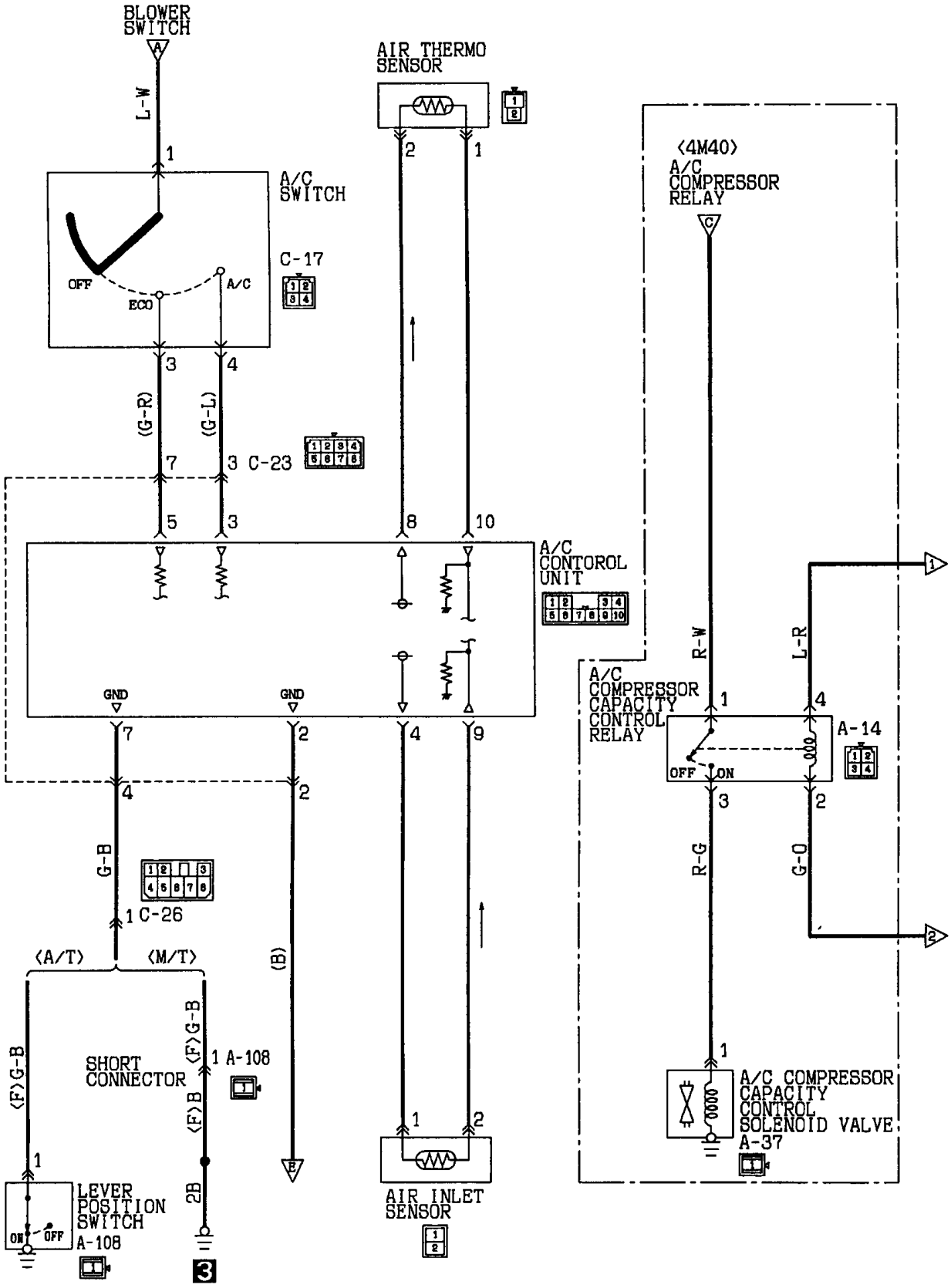


NOTES

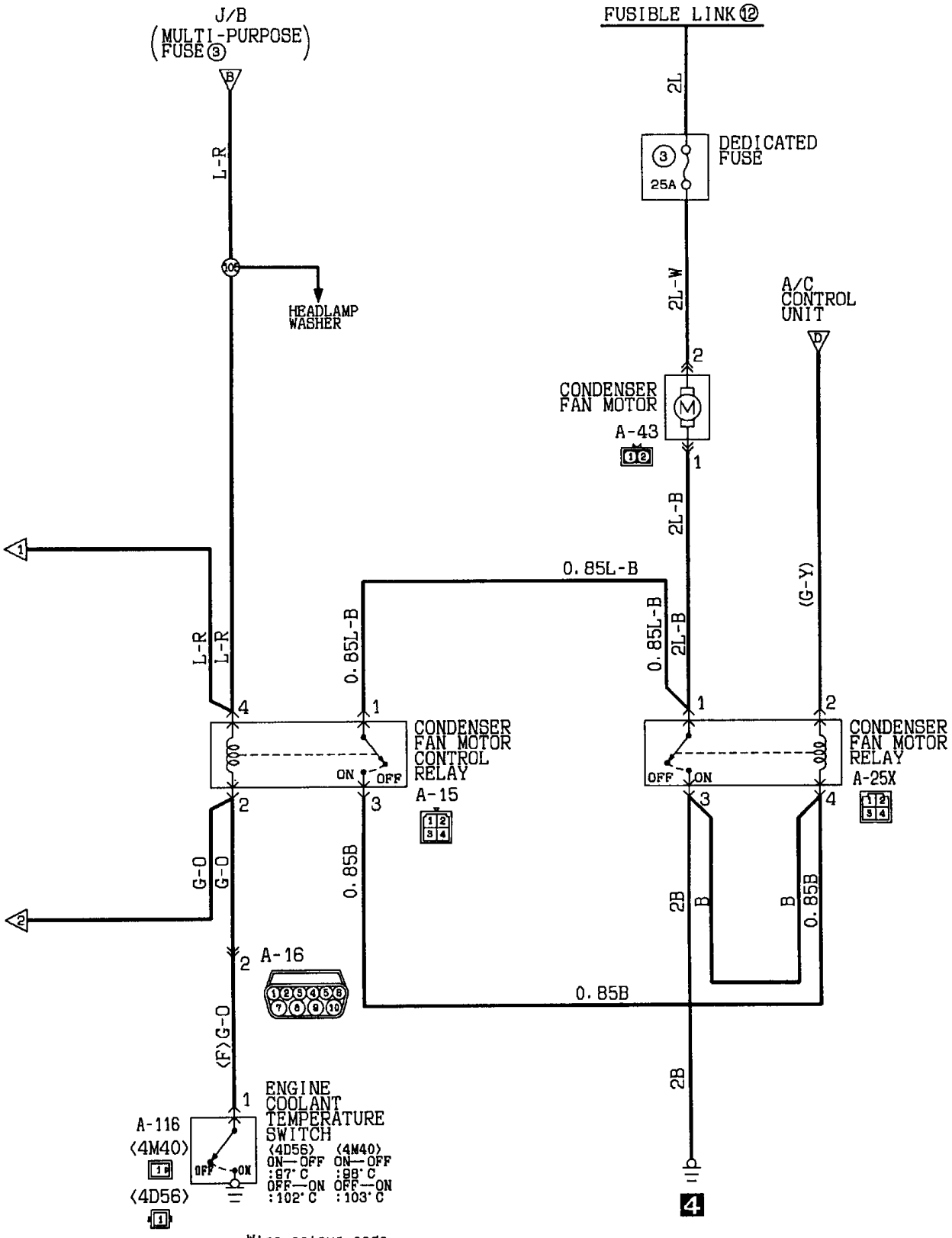
SINGLE AIR CONDITIONER

R.H. drive vehicles<diesel-powered vehicles>

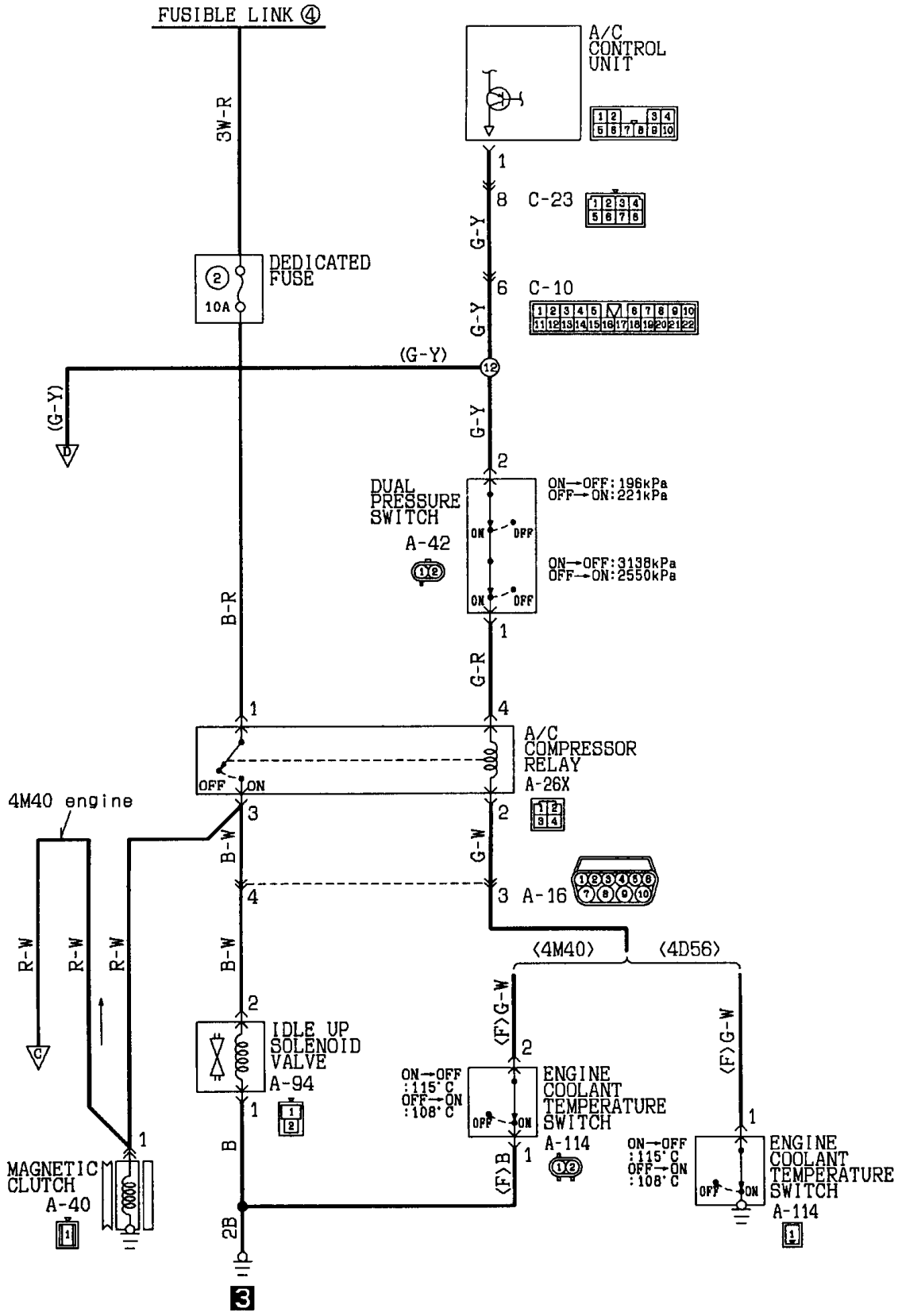



BLOWER SWITCH
A
L-W
1
A/C SWITCH
C-17
OFF
ECO
A/C
3
4
(G-R)
(G-L)
7
3
C-23
5
3
AIR THERMO SENSOR
2
1
8
10
A/C CONTOROL UNIT
GND
GND
7
2
4
2
G-B
1
C-26
(A/T)
(M/T)
(B)
(F)G-B
SHORT CONNECTOR
(F)G-B
1
A-108
(F)B
2B
1
LEVER POSITION SWITCH
A-108
ON
OFF
3
4
9
1
2
AIR INLET SENSOR
(4M40)
A/C COMPRESSOR RELAY
C
R-W
L-R
A/C COMPRESSOR CAPACITY CONTROL RELAY
1
4
A-14
OFF
ON
3
2
R-G
G-O
1
A/C COMPRESSOR CAPACITY CONTROL SOLENOID VALVE
A-37
1
2

SINGLE AIR CONDITIONER
<R.H.drive vehicles(diesel-powered vehicles)> (CONTINUED)

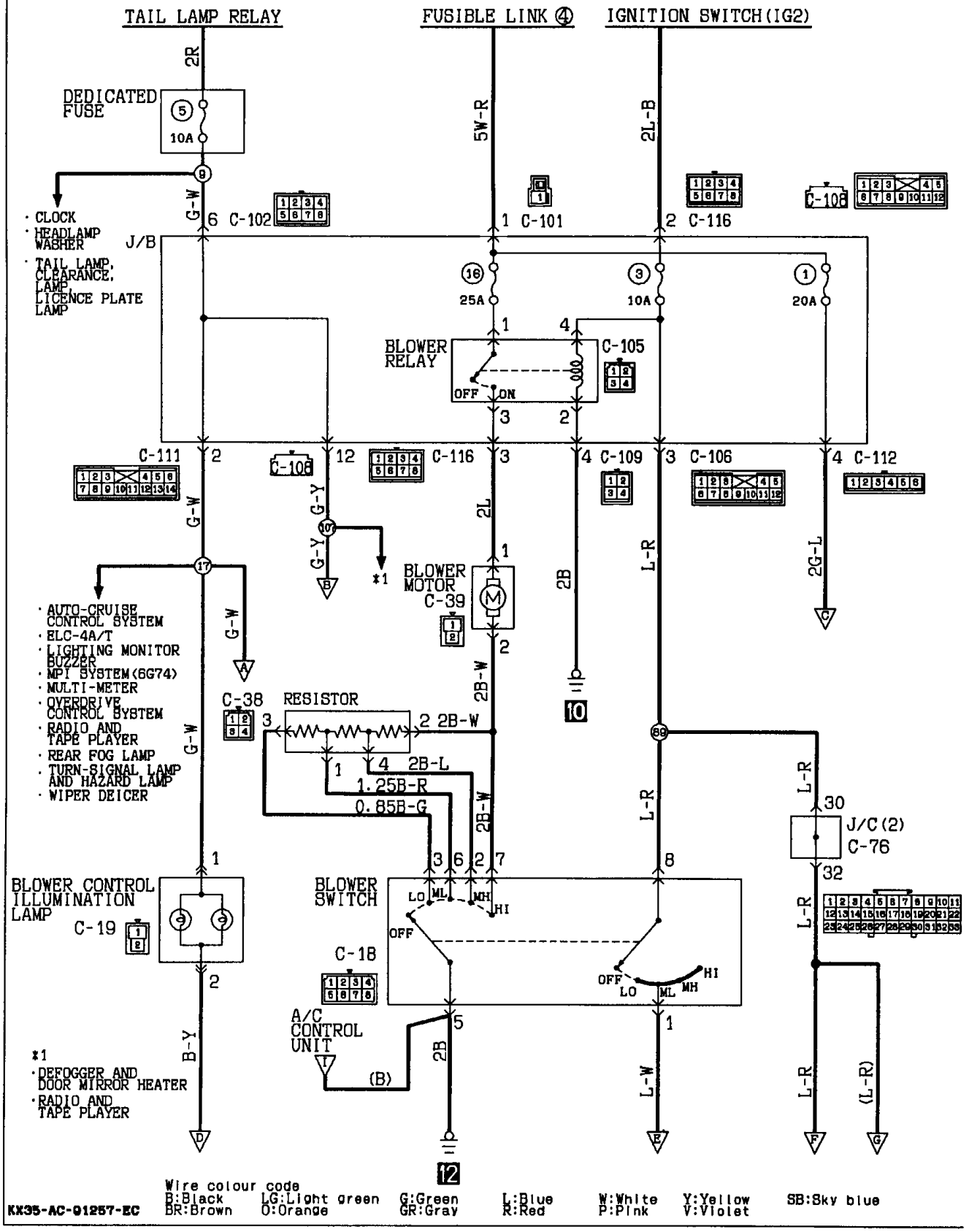


Wire colour code
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet


FUSIBLE LINK ④
3W-R
A/C CONTROL UNIT
1
8 C-23
G-Y
DEDICATED FUSE
②
10A
6 C-10
G-Y
(G-Y)
12
(G-Y)
G-Y
2
DUAL PRESSURE SWITCH
A-42
ON→OFF: 196kPa
OFF→ON: 221kPa
ON→OFF: 3138kPa
OFF→ON: 2550kPa
B-R
1
G-R
4
1
A/C COMPRESSOR RELAY
A-26X
OFF
ON
2
4M40 engine
3
B-W
G-W
4
3 A-16
R-W
R-W
R-W
B-W
〈4M40〉
〈4D56〉
2
〈F〉G-W
〈F〉G-W
IDLE UP SOLENOID VALVE
A-94
ON→OFF :115°C
OFF→ON :108°C
ENGINE COOLANT TEMPERATURE SWITCH
A-114
1
B
〈F〉B
ON→OFF :115°C
OFF→ON :108°C
ENGINE COOLANT TEMPERATURE SWITCH
A-114
MAGNETIC CLUTCH
A-40
2B
3

DUAL AIR CONDITIONER

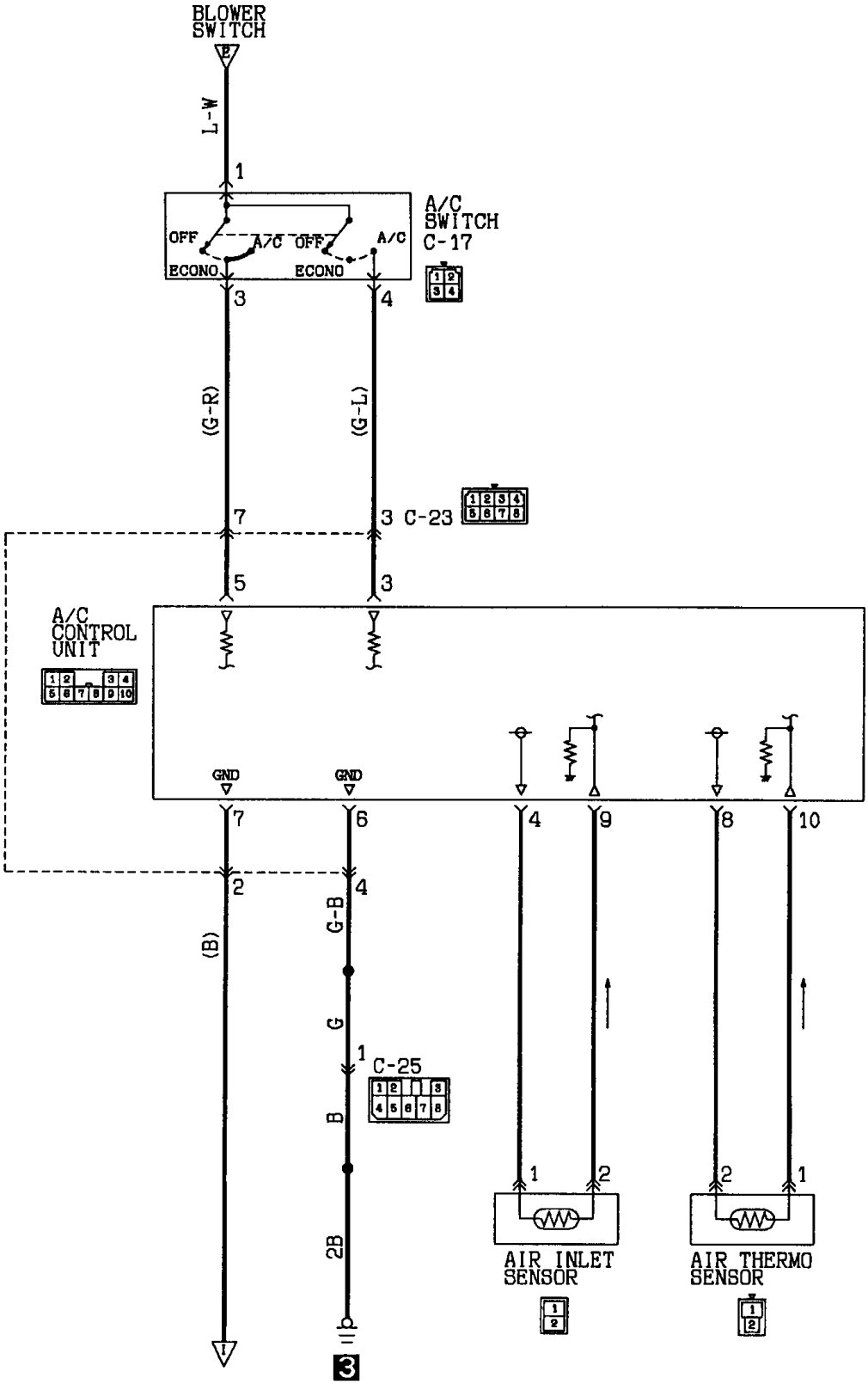
L.H.drive vehicles without rear heater
<petrol-powered vehicles>



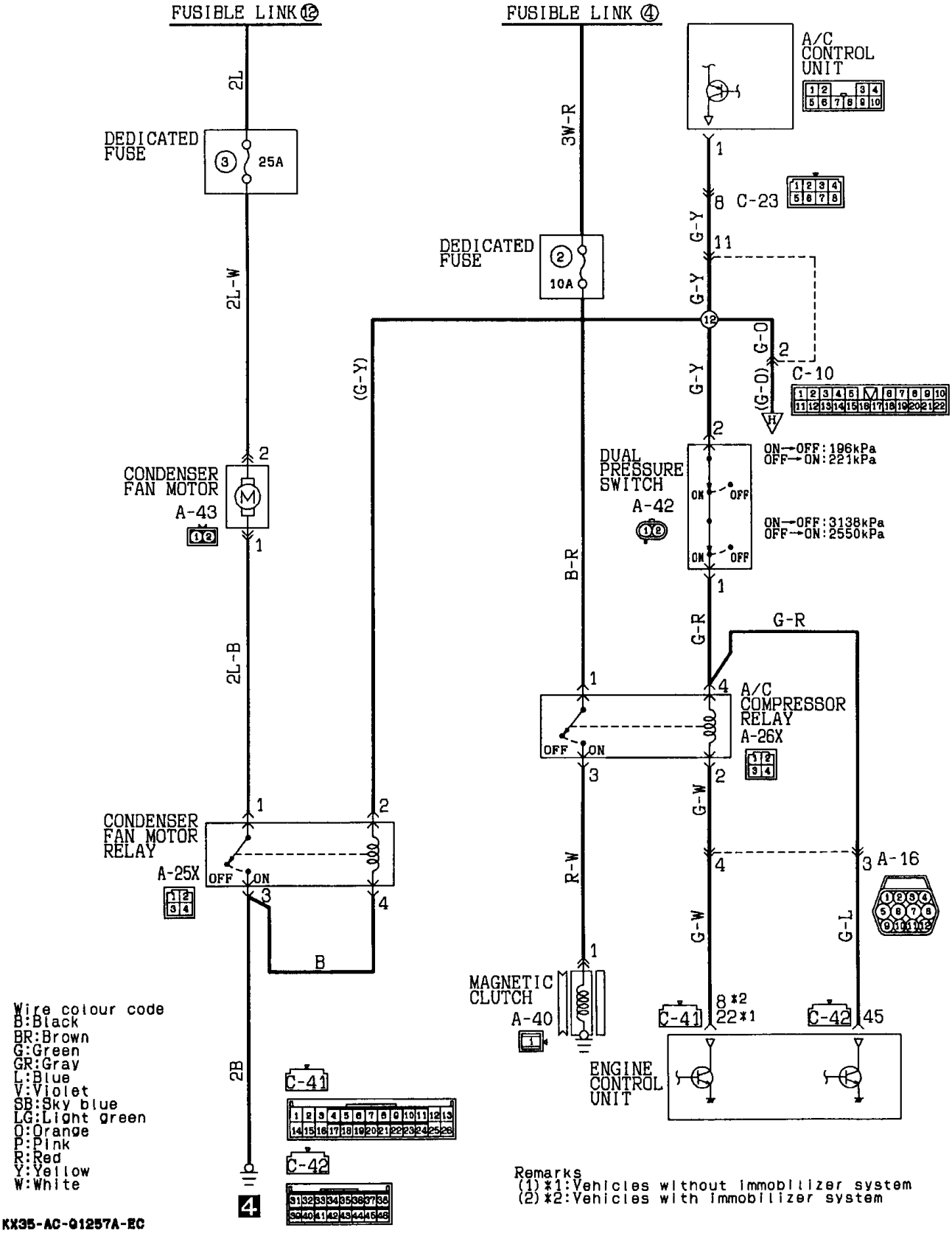
Wire colour code

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		

KX35-AC-01257-EC


BLOWER SWITCH
L-W
1
A/C SWITCH C-17
OFF
A/C
ECONO
3
4
(G-R)
(G-L)
7
3 C-23
5
3
A/C CONTROL UNIT
GND
GND
7
6
4
9
8
10
2
4
(B)
G-B
G
B
2B
1
C-25
1
2
2
1
AIR INLET SENSOR
AIR THERMO SENSOR
3

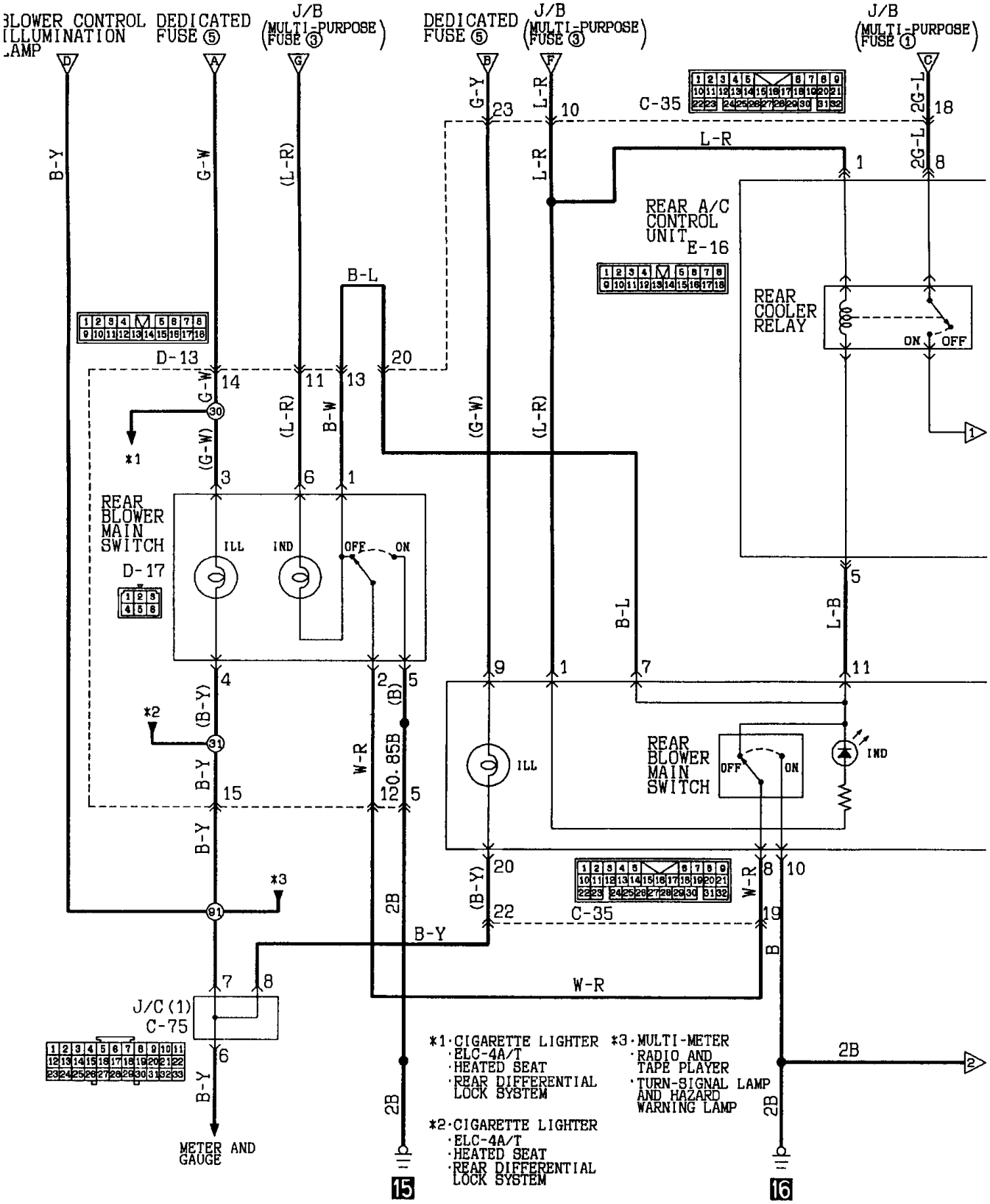
DUAL AIR CONDITIONER
(L.H. drive vehicles without rear heater (petrol-powered vehicles)) (CONTINUED)



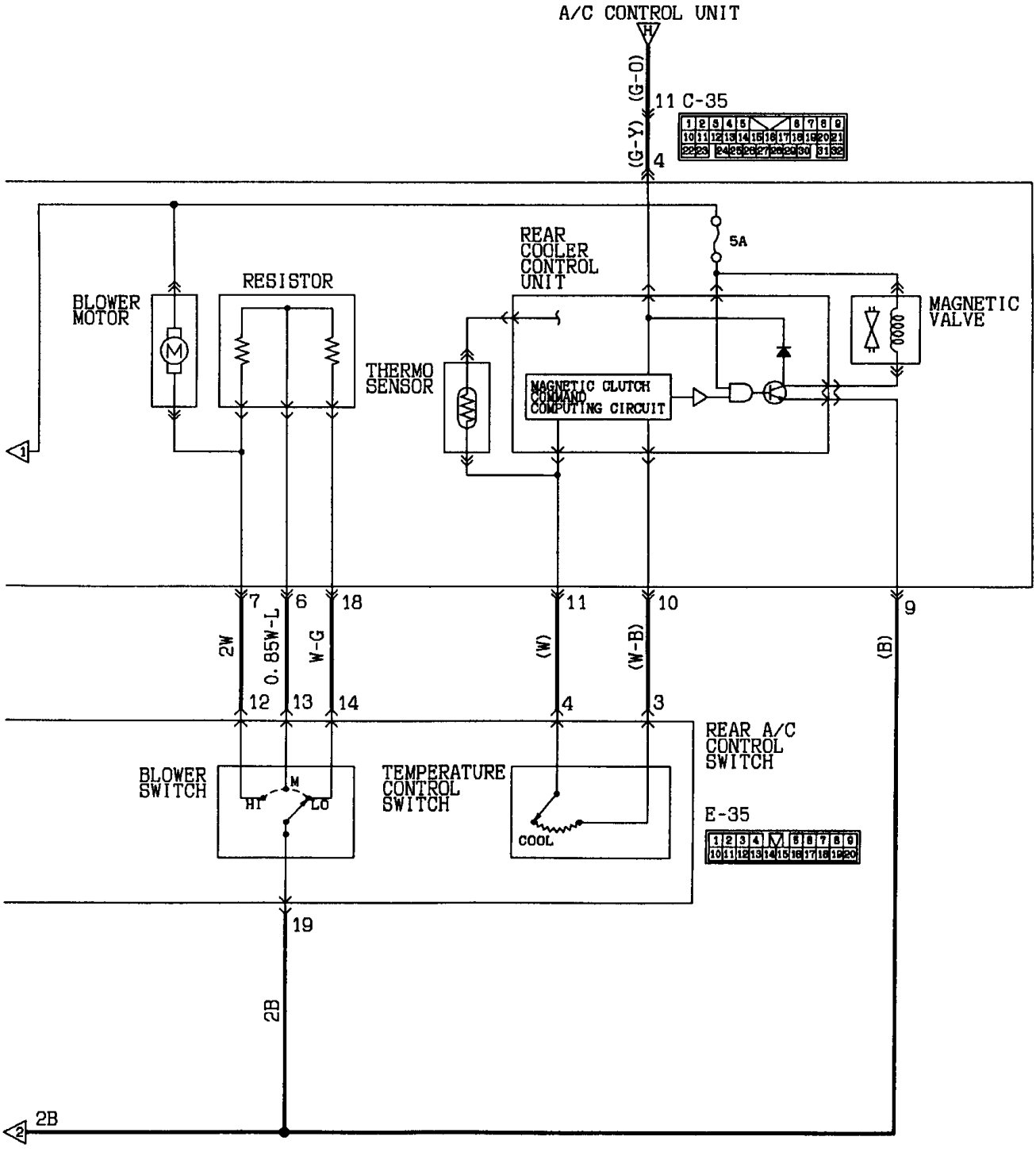
Wire colour code
B:Black
BR:Brown
G:Green
GR:Gray
L:Blue
V:Violet
SB:Sky blue
LG:Light green
O:Orange
P:Pink
R:Red
Y:Yellow
W:White

Remarks
(1) *1:Vehicles without immobilizer system
(2) *2:Vehicles with immobilizer system

KX35-AC-01257A-EC


BLOWER CONTROL ILLUMINATION LAMP
DEDICATED FUSE ⑤
J/B (MULTI-PURPOSE FUSE ③)
DEDICATED FUSE ⑤
J/B (MULTI-PURPOSE FUSE ③)
J/B (MULTI-PURPOSE FUSE ①)
C-35
REAR A/C CONTROL UNIT E-16
REAR COOLER RELAY
ON OFF
D-13
REAR BLOWER MAIN SWITCH
ILL IND OFF ON
D-17
REAR BLOWER MAIN SWITCH
OFF ON IND
ILL
J/C (1) C-75
METER AND GAUGE
*1·CIGARETTE LIGHTER
·ELC-4A/T
·HEATED SEAT
·REAR DIFFERENTIAL LOCK SYSTEM
*2·CIGARETTE LIGHTER
·ELC-4A/T
·HEATED SEAT
·REAR DIFFERENTIAL LOCK SYSTEM
*3·MULTI-METER
·RADIO AND TAPE PLAYER
·TURN-SIGNAL LAMP AND HAZARD WARNING LAMP
15
16

DUAL AIR CONDITIONER
(L.H. drive vehicles without rear heater (petrol-power vehicles)) (CONDITINUED)



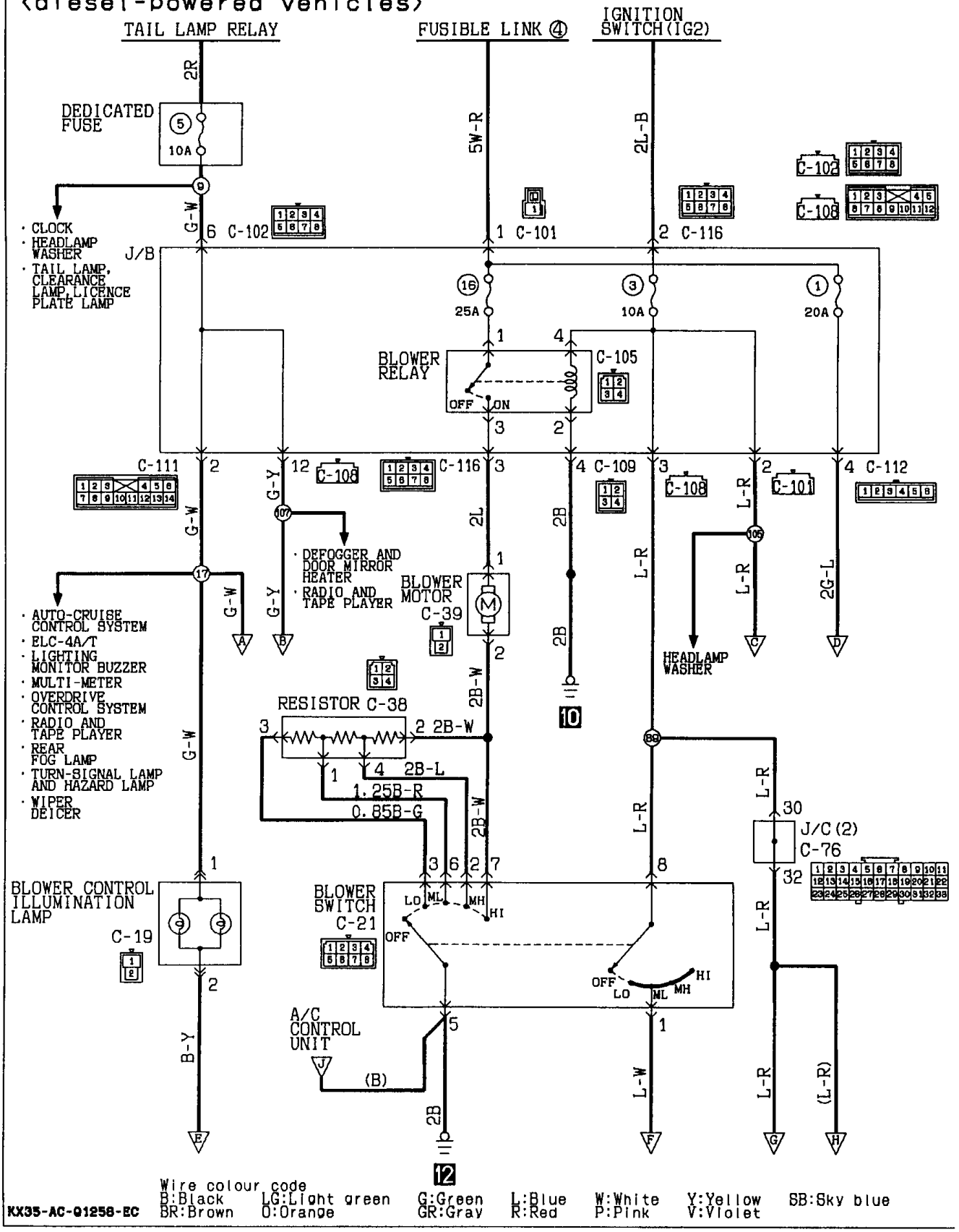
Wire colour code
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

KX35-AC-012578-EC

NOTES

DUAL AIR CONDITIONER

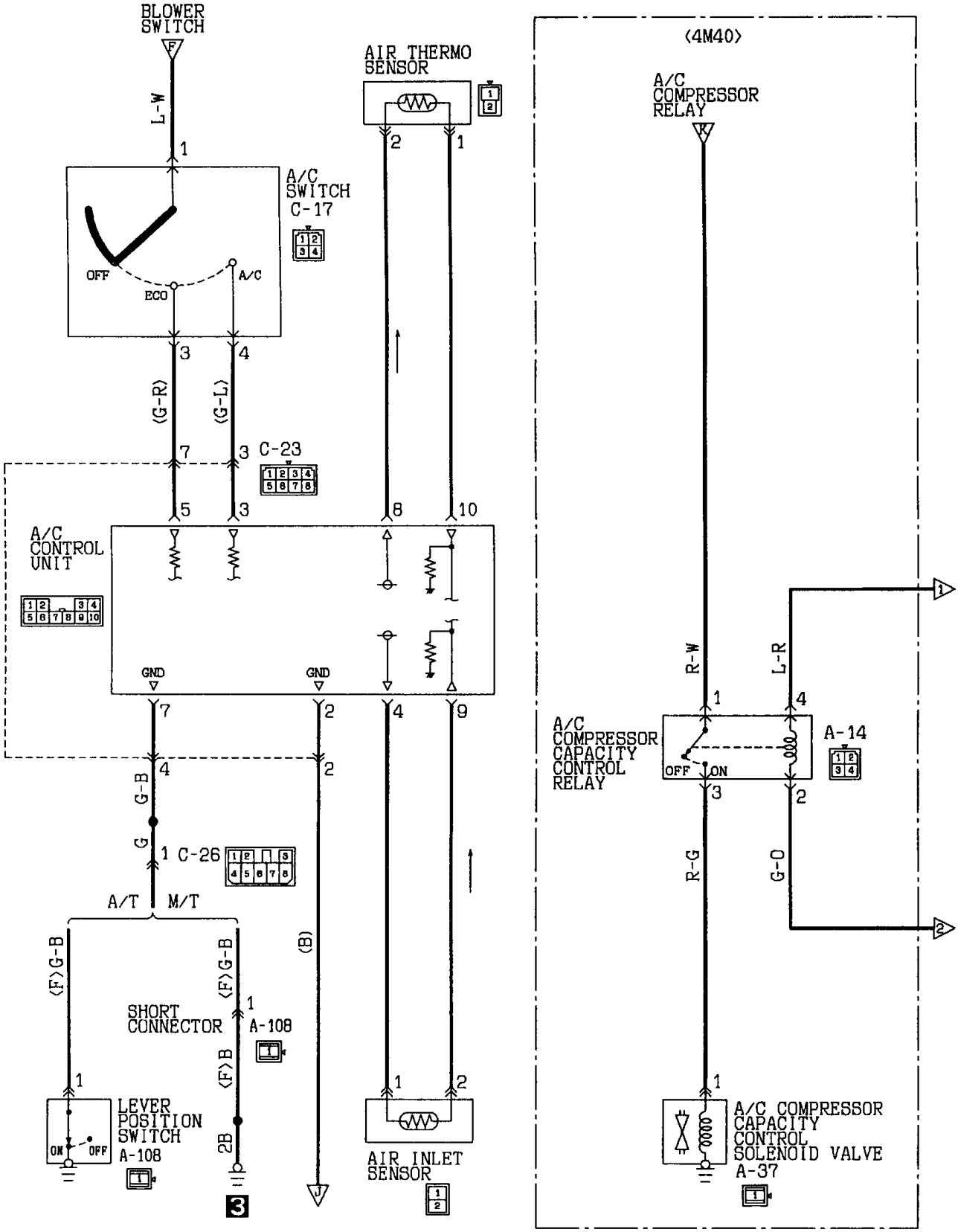
L.H.drive vehicles without rear heater <diesel-powered vehicles>



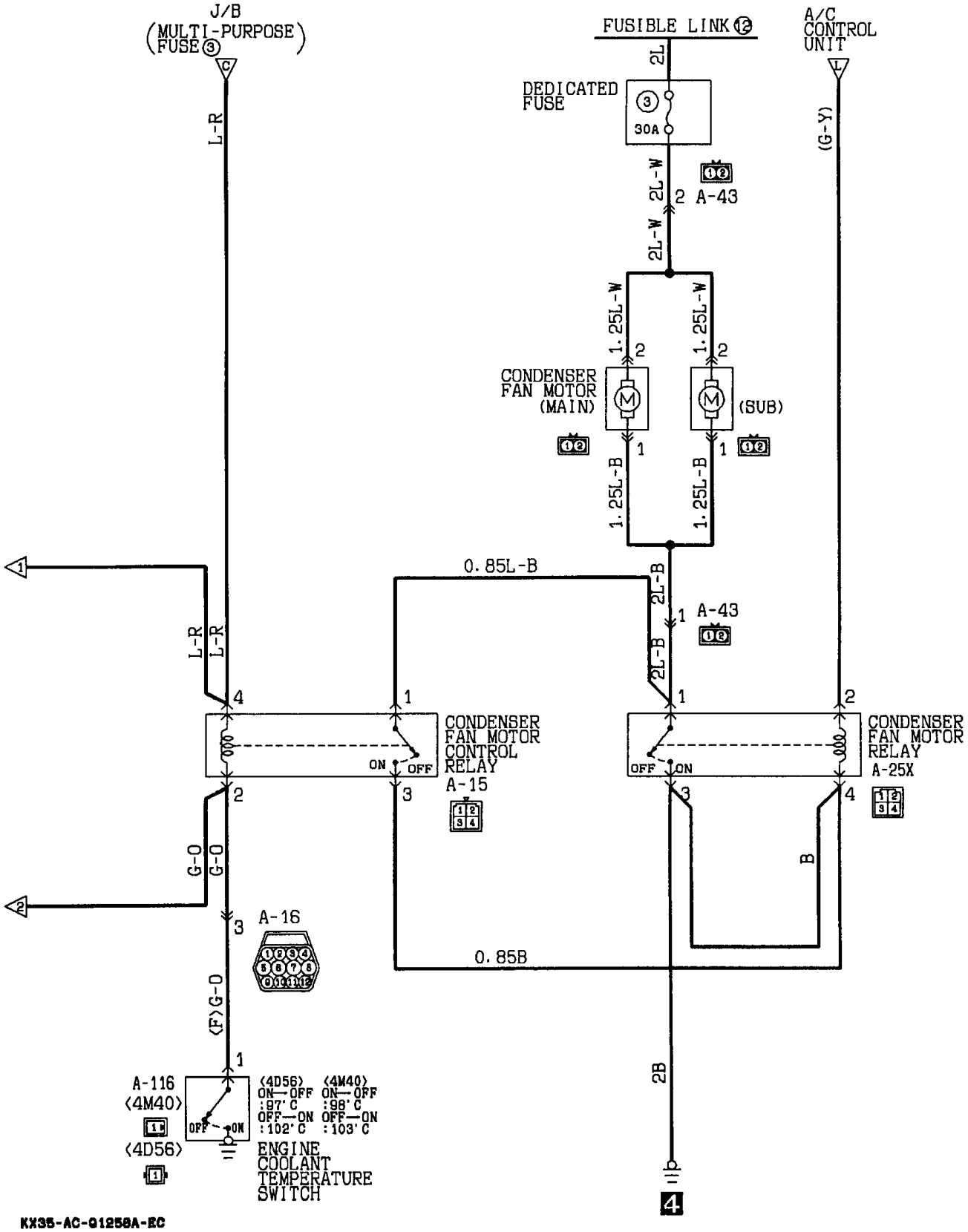
Wire colour code

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		

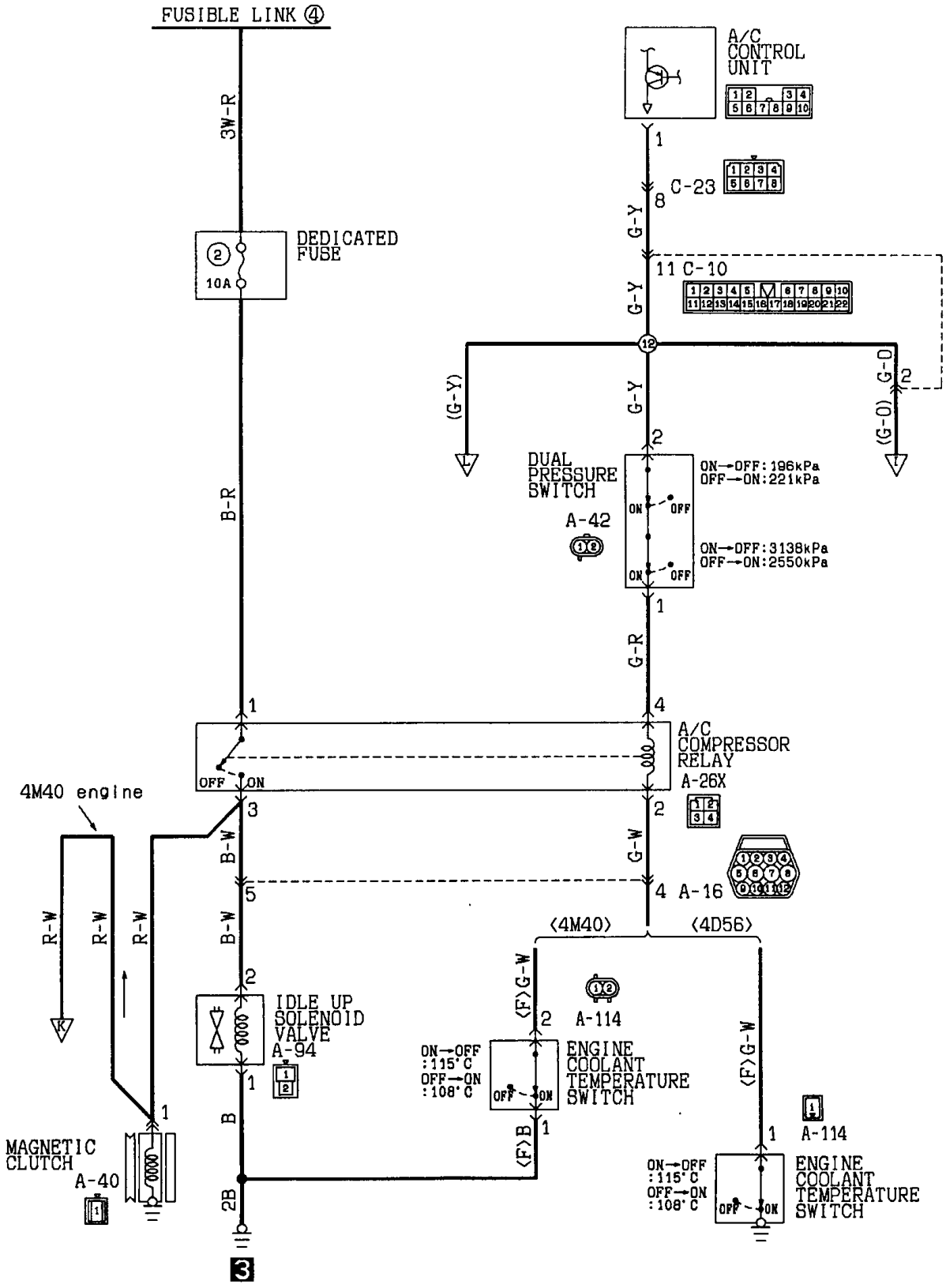
KX35-AC-01258-EC


BLOWER SWITCH
F
L-W
1
A/C SWITCH C-17
OFF
ECO
A/C
3
4
(G-R)
(G-L)
7
3
C-23
5
3
A/C CONTROL UNIT
GND
GND
7
2
4
2
G-B
G
1
C-26
A/T
M/T
(F)G-B
(F)G-B
(B)
SHORT CONNECTOR
1
A-108
(F)B
2B
1
LEVER POSITION SWITCH
ON
OFF
A-108
3
AIR THERMO SENSOR
2
1
8
10
4
9
1
2
AIR INLET SENSOR
(4M40)
A/C COMPRESSOR RELAY
R-W
L-R
1
4
A/C COMPRESSOR CAPACITY CONTROL RELAY
OFF
ON
A-14
3
2
R-G
G-O
1
A/C COMPRESSOR CAPACITY CONTROL SOLENOID VALVE
A-37
1
2

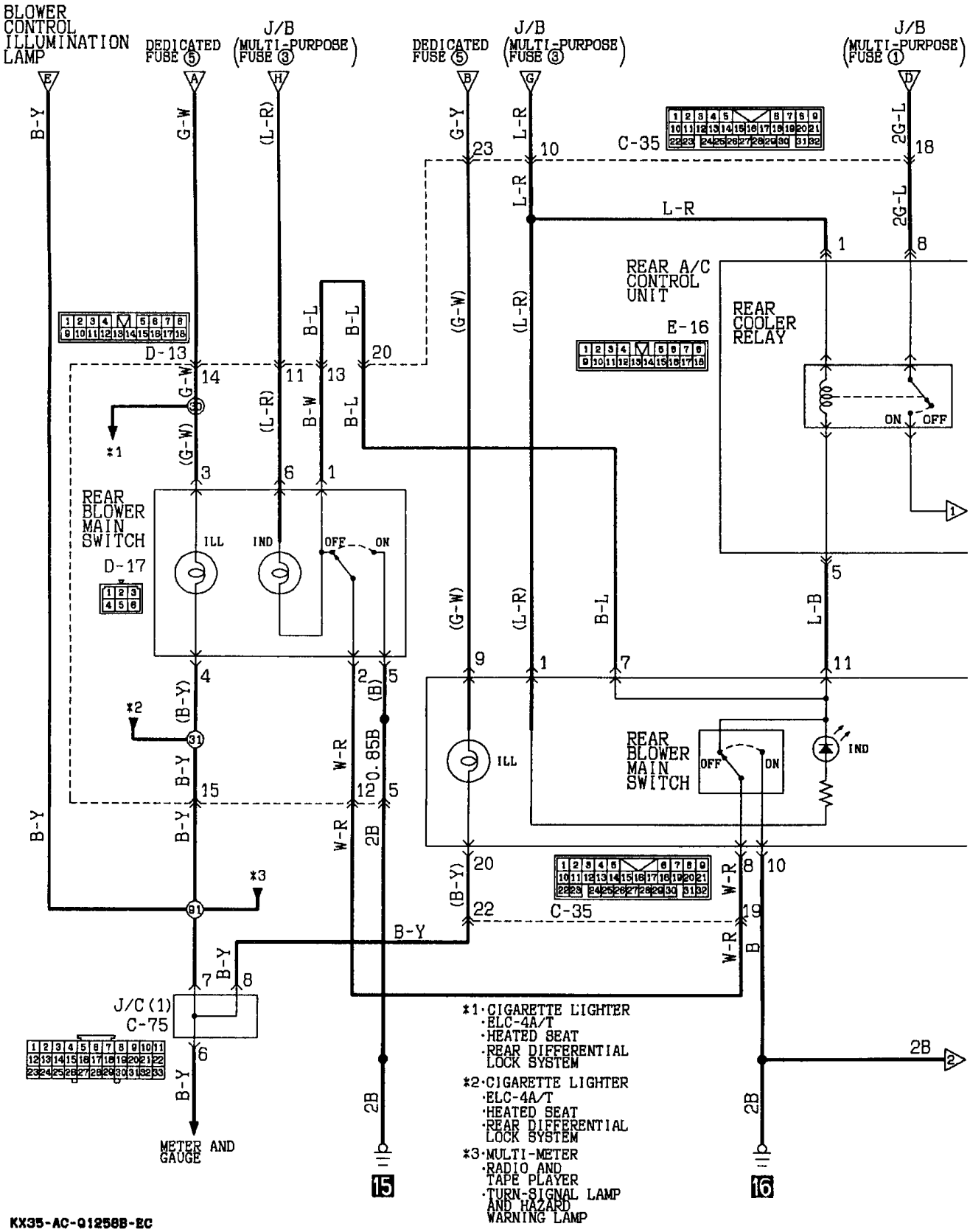
DUAL AIR CONDITIONER
〈L.H.drive vehicles without rear heater (diesel-powered vehicles)〉(CONTINUED)



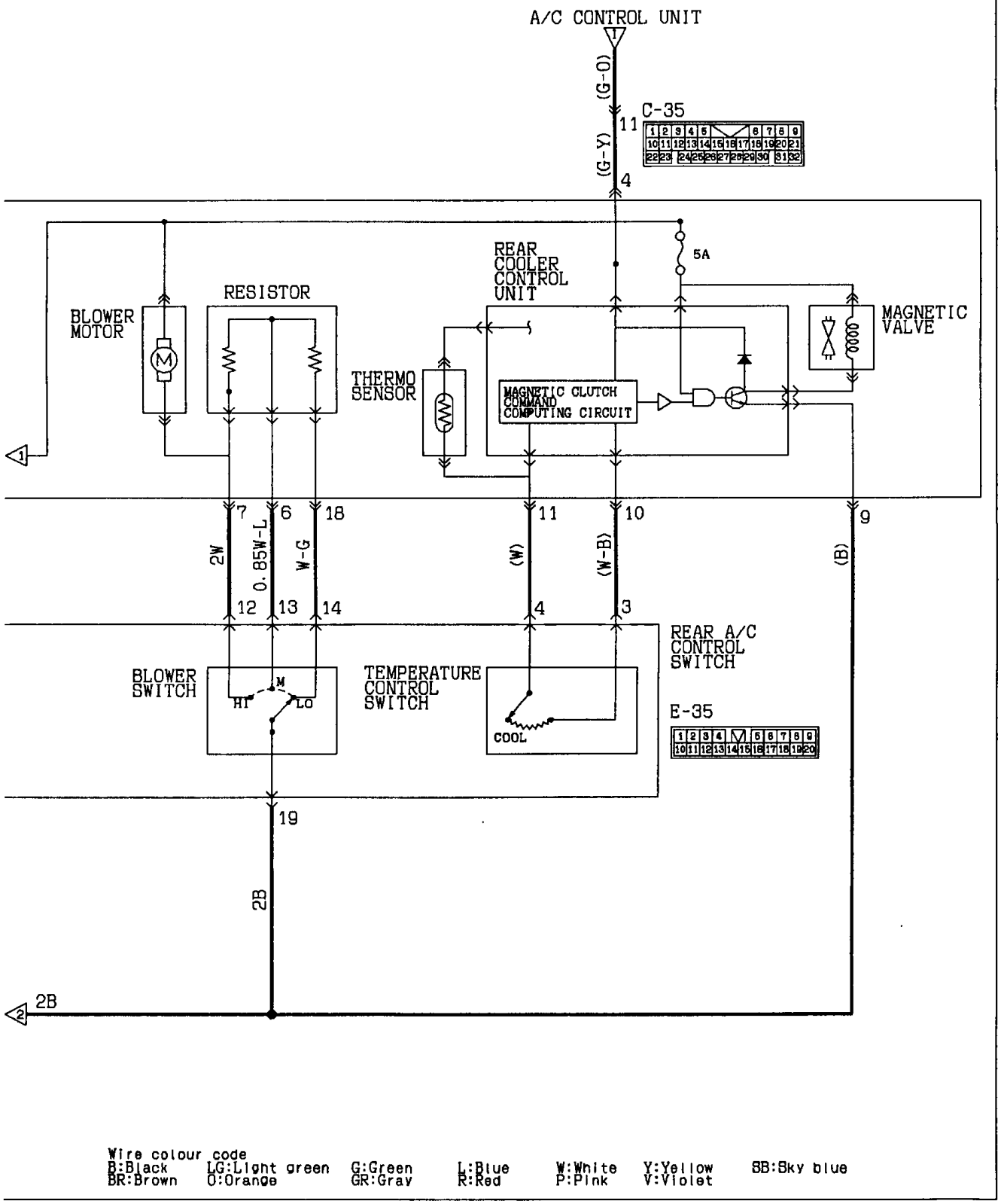
KX35-AC-01258A-EC


FUSIBLE LINK ④
3W-R
DEDICATED FUSE
10A
B-R
A/C CONTROL UNIT
C-23
G-Y
11 C-10
(G-Y)
G-Y
(G-O)
G-O
DUAL PRESSURE SWITCH
A-42
ON→OFF:196kPa
OFF→ON:221kPa
ON→OFF:3138kPa
OFF→ON:2550kPa
G-R
A/C COMPRESSOR RELAY
A-26X
G-W
A-16
4M40 engine
R-W
B-W
IDLE UP SOLENOID VALVE
A-94
MAGNETIC CLUTCH
A-40
B
2B
〈4M40〉
〈4D56〉
〈F〉G-W
A-114
ON→OFF :115°C
OFF→ON :108°C
ENGINE COOLANT TEMPERATURE SWITCH
〈F〉B
3

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

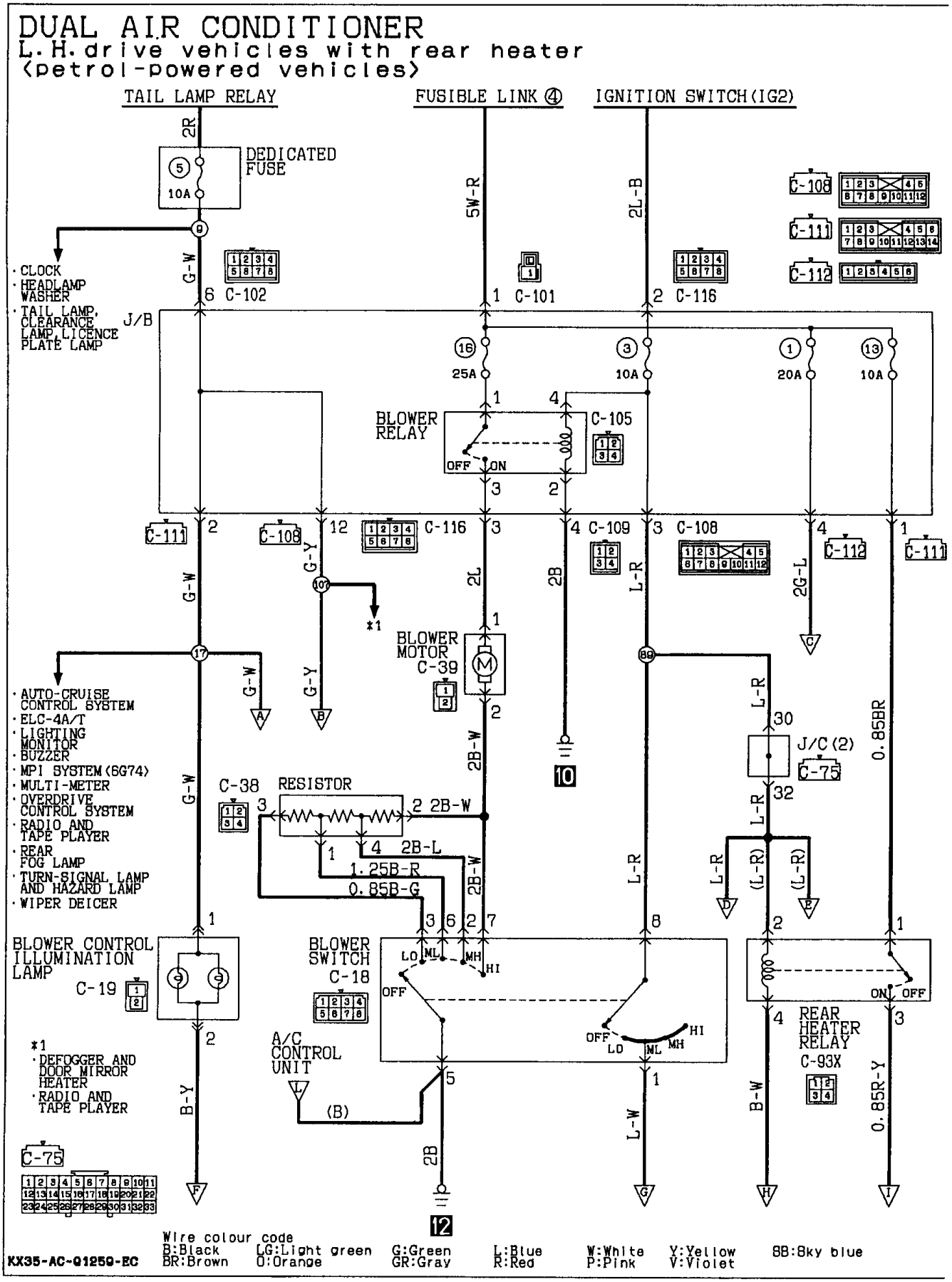


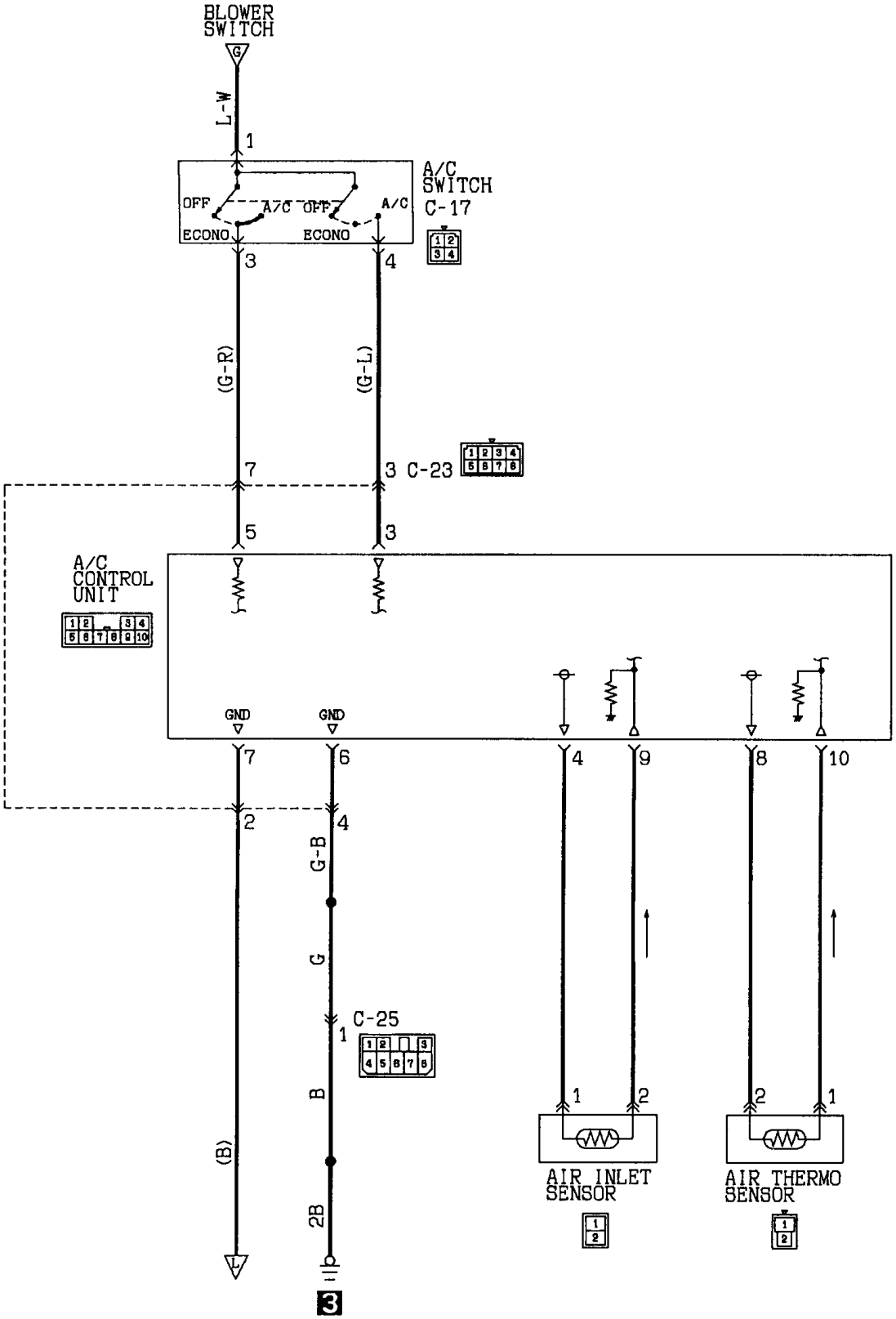
KX35-AC-01258B-EC



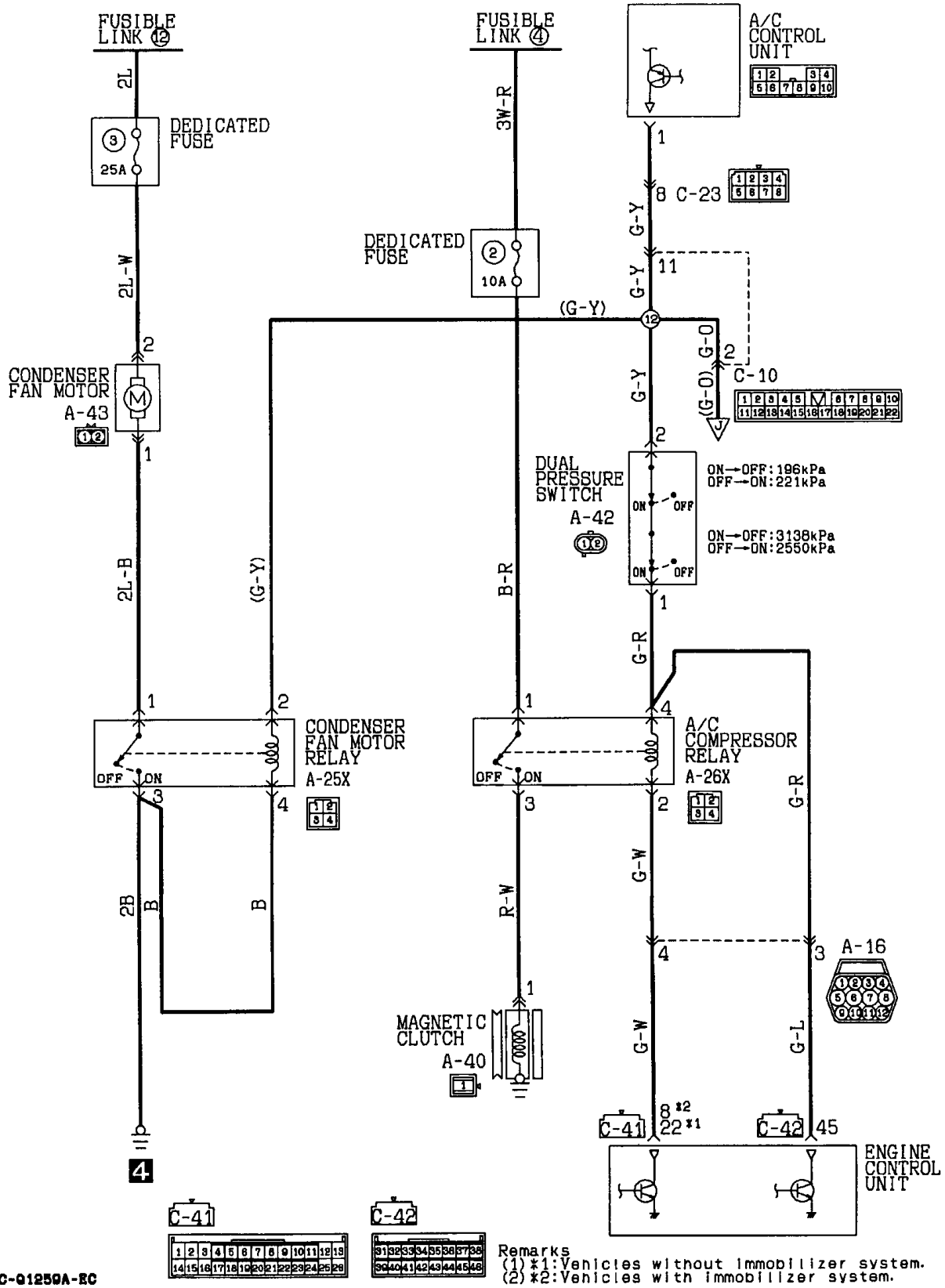
Wire colour code

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	

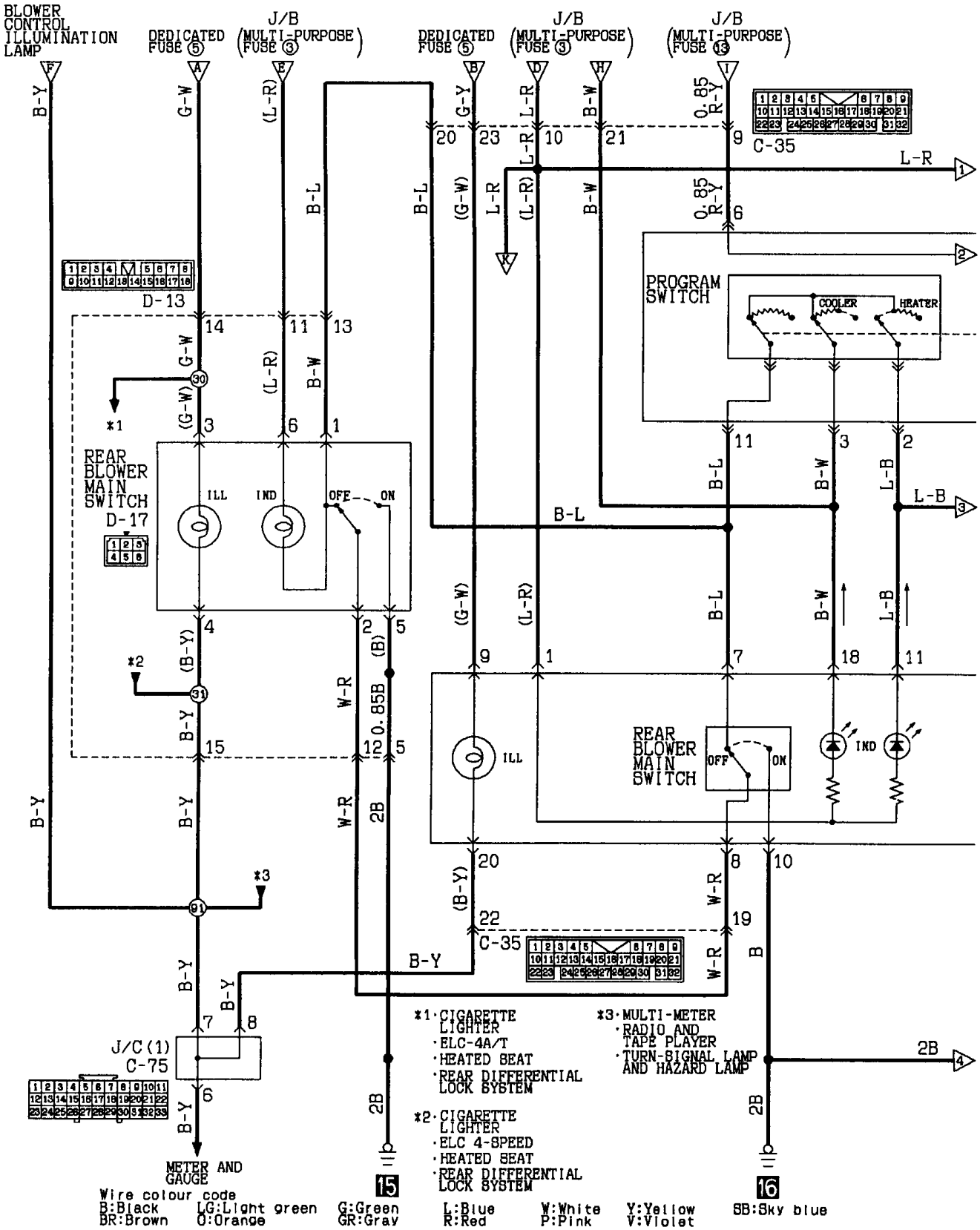

DUAL AIR CONDITIONER
L.H.drive vehicles with rear heater
(petrol-powered vehicles)
TAIL LAMP RELAY
FUSIBLE LINK ④
IGNITION SWITCH(IG2)
DEDICATED FUSE
10A
2R
5W-R
2L-B
· CLOCK
· HEADLAMP WASHER
· TAIL LAMP, CLEARANCE LAMP, LICENCE PLATE LAMP
J/B
G-W
C-102
C-101
C-116
C-108
C-111
C-112
25A
10A
20A
BLOWER RELAY
C-105
OFF
ON
C-109
C-39
BLOWER MOTOR
G-Y
2L
2B
L-R
2G-L
0.85BR
· AUTO-CRUISE CONTROL SYSTEM
· ELC-4A/T
· LIGHTING MONITOR
· BUZZER
· MPI SYSTEM(6G74)
· MULTI-METER
· OVERDRIVE CONTROL SYSTEM
· RADIO AND TAPE PLAYER
· REAR FOG LAMP
· TURN-SIGNAL LAMP AND HAZARD LAMP
· WIPER DEICER
C-38
RESISTOR
2B-W
2B-L
1.25B-R
0.85B-G
J/C (2)
C-75
BLOWER CONTROL ILLUMINATION LAMP
C-19
BLOWER SWITCH
C-18
LO
ML
MH
HI
OFF
ON
A/C CONTROL UNIT
(B)
B-Y
L-W
B-W
0.85R-Y
REAR HEATER RELAY
C-93X
*1
· DEFOGGER AND DOOR MIRROR HEATER
· RADIO AND TAPE PLAYER
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
KX35-AC-01259-EC


BLOWER SWITCH
G
L-W
1
A/C SWITCH C-17
OFF
A/C
ECONO
3
4
(G-R)
(G-L)
7
3 C-23
5
3
A/C CONTROL UNIT
GND
GND
7
6
4
9
8
10
2
4
G-B
G
C-25
1
B
2B
(B)
1
2
2
1
AIR INLET SENSOR
AIR THERMO SENSOR
3

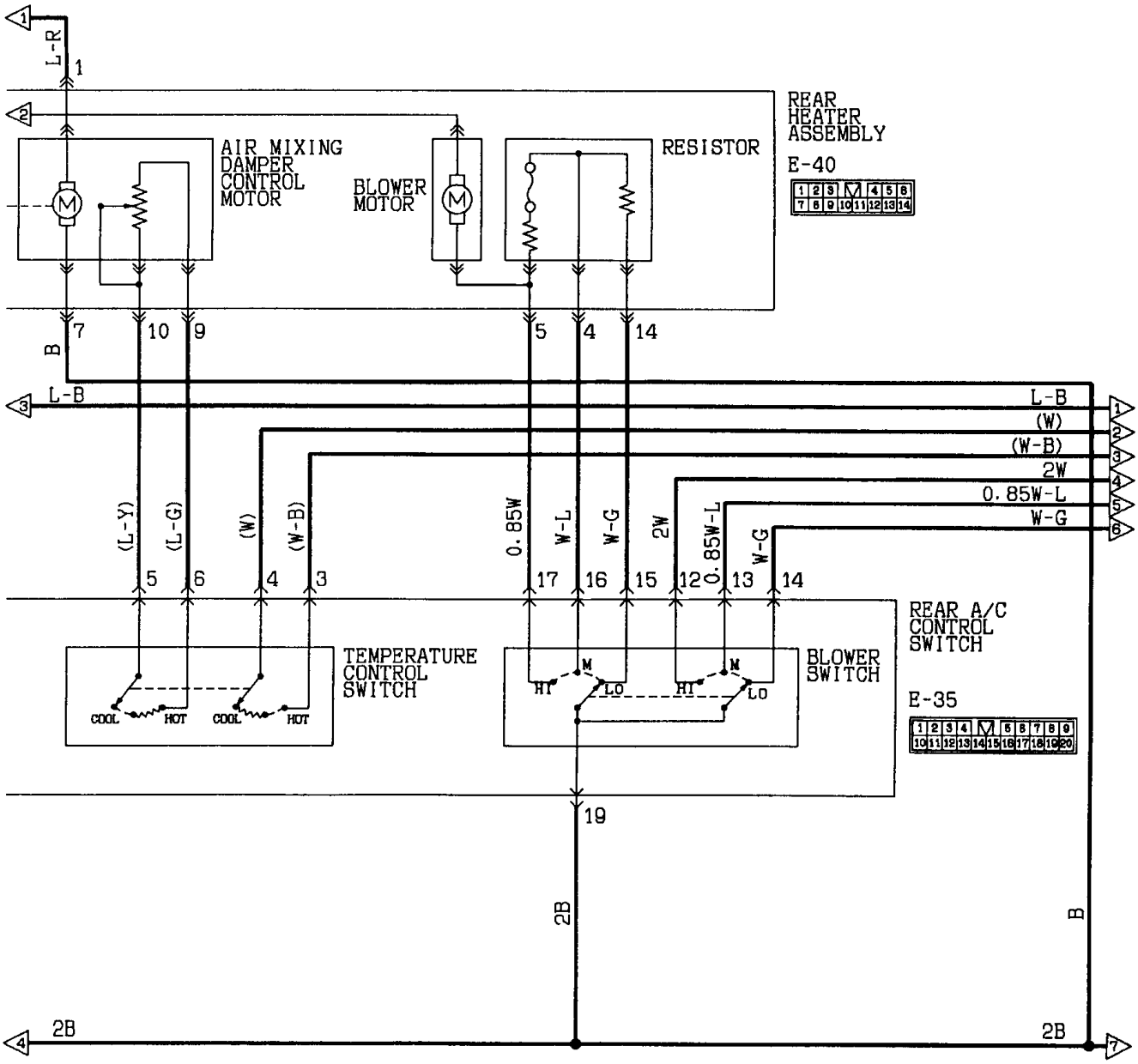
DUAL AIR CONDITIONER
<L.H. drive vehicles with rear heater (petrol-powered vehicles)> (CONTINUED)

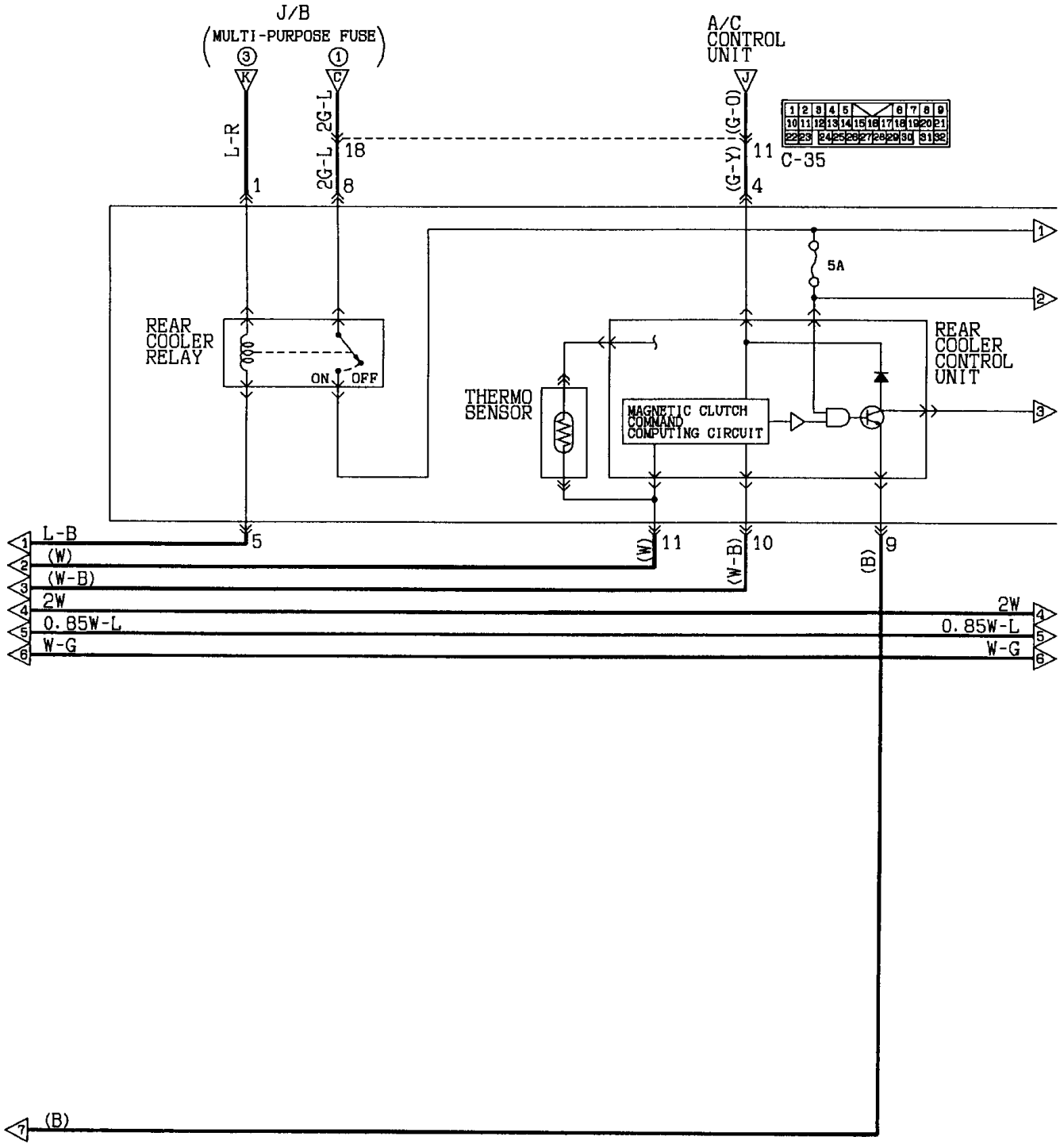


Remarks
(1) *1: Vehicles without immobilizer system.
(2) *2: Vehicles with immobilizer system.


BLOWER CONTROL ILLUMINATION LAMP
DEDICATED FUSE ⑤
J/B (MULTI-PURPOSE FUSE ③)
DEDICATED FUSE ⑤
J/B (MULTI-PURPOSE FUSE ③)
J/B (MULTI-PURPOSE FUSE ⑬)
C-35
D-13
PROGRAM SWITCH
COOLER
HEATER
REAR BLOWER MAIN SWITCH
D-17
ILL
IND
OFF
ON
REAR BLOWER MAIN SWITCH
J/C (1)
C-75
METER AND GAUGE
*1·CIGARETTE LIGHTER
·ELC-4A/T
·HEATED SEAT
·REAR DIFFERENTIAL LOCK SYSTEM
*2·CIGARETTE LIGHTER
·ELC 4-SPEED
·HEATED SEAT
·REAR DIFFERENTIAL LOCK SYSTEM
*3·MULTI-METER
·RADIO AND TAPE PLAYER
·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

DUAL AIR CONDITIONER
(L.H. drive vehicles with rear heater (petrol-powered vehicles)) (CONTINUED)

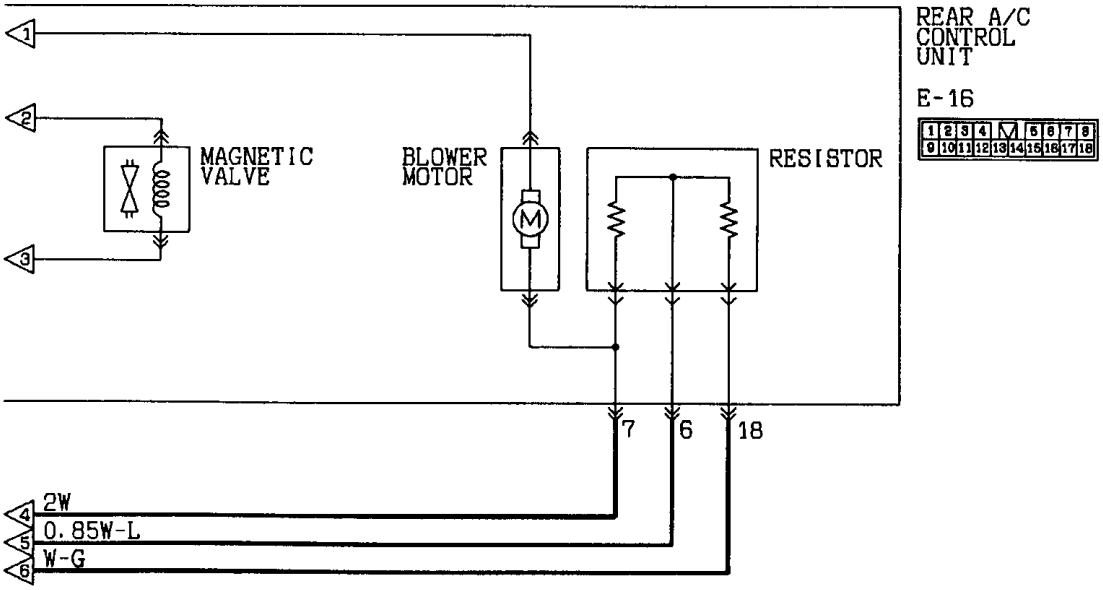




Wire colour code

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 with rear heater (petrol-powered vehicles)) (CONTINUED)



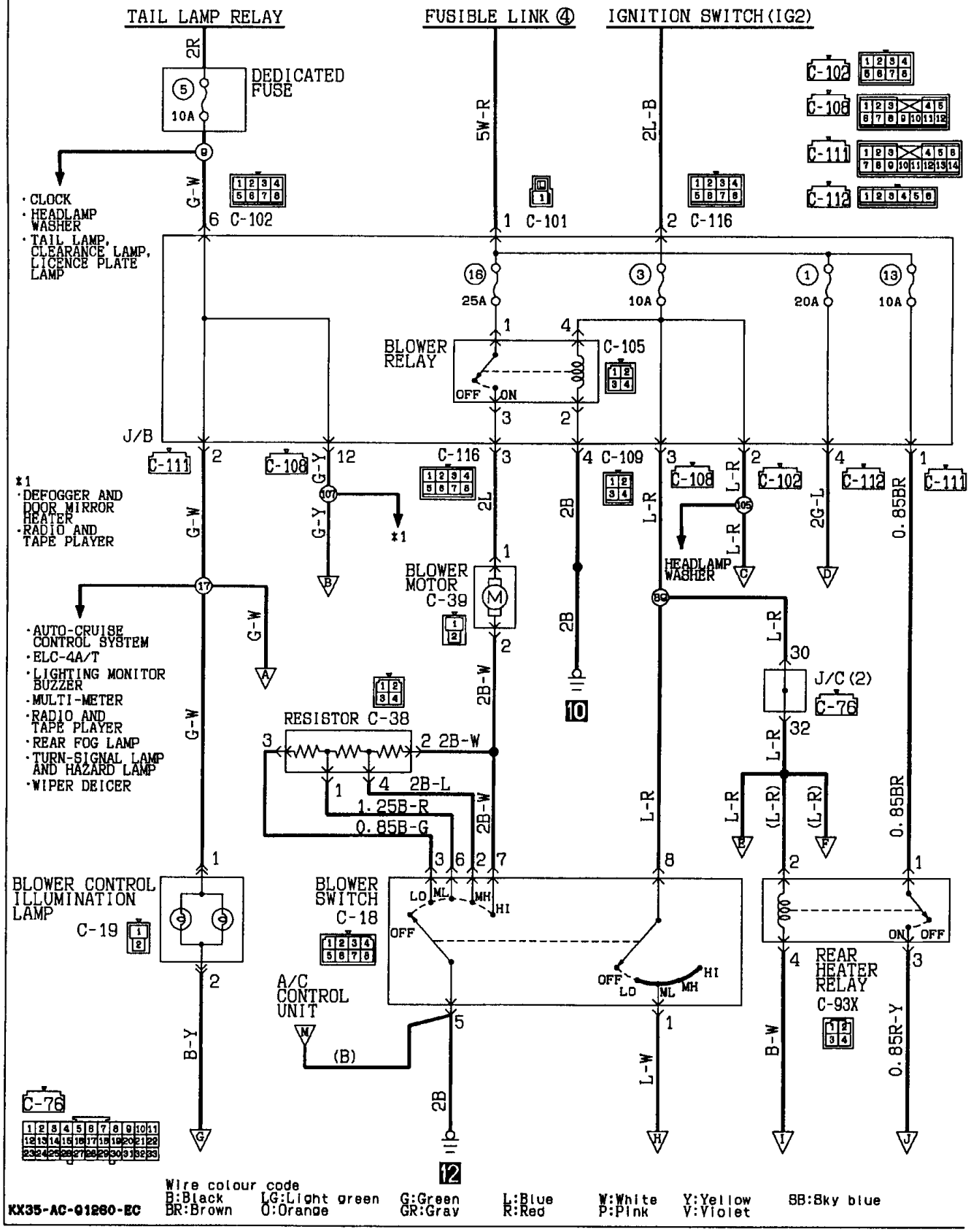
Wire colour code

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	

NOTES

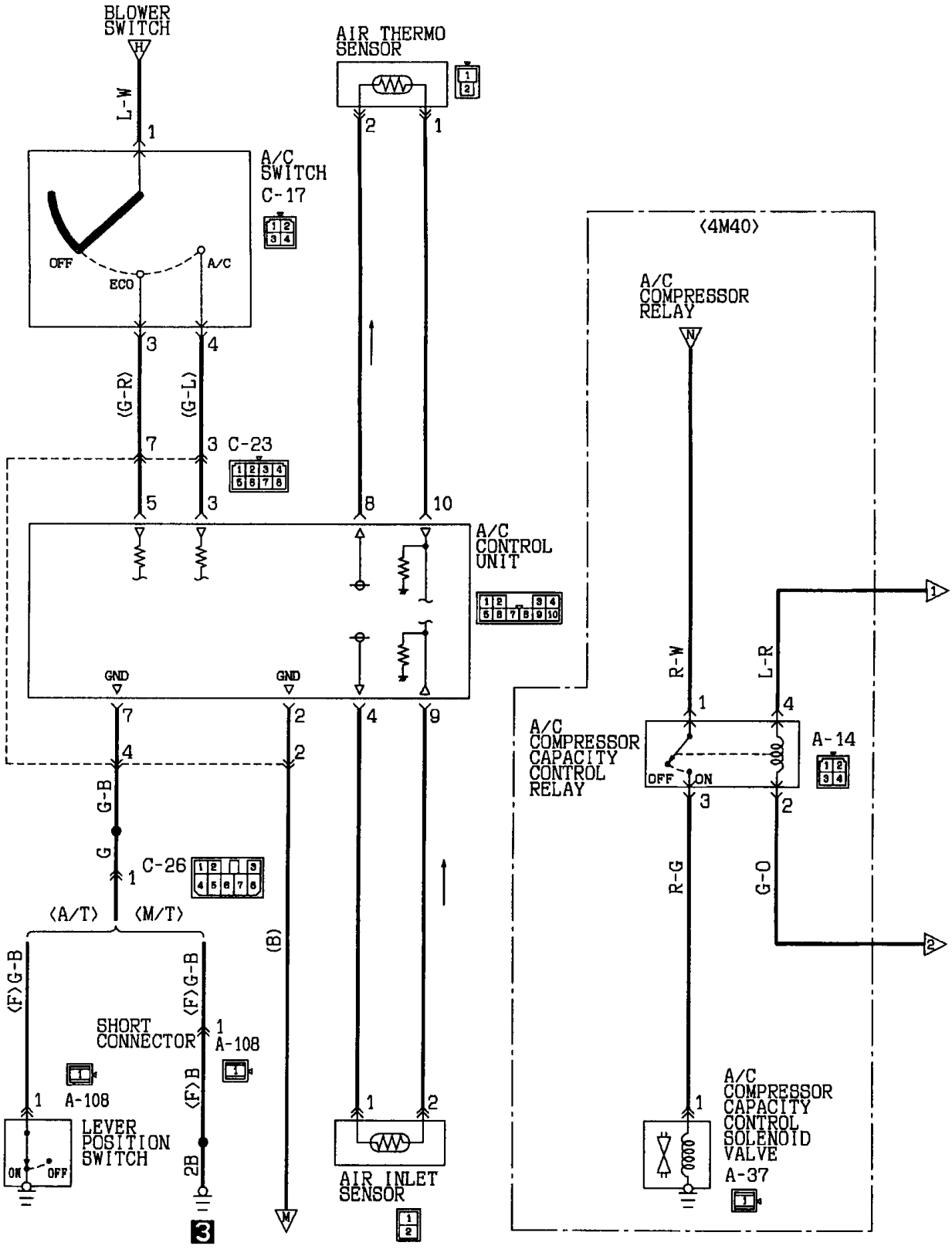
DUAL AIR CONDITIONER

L.H. drive vehicles with rear heater <diesel-powered vehicles>

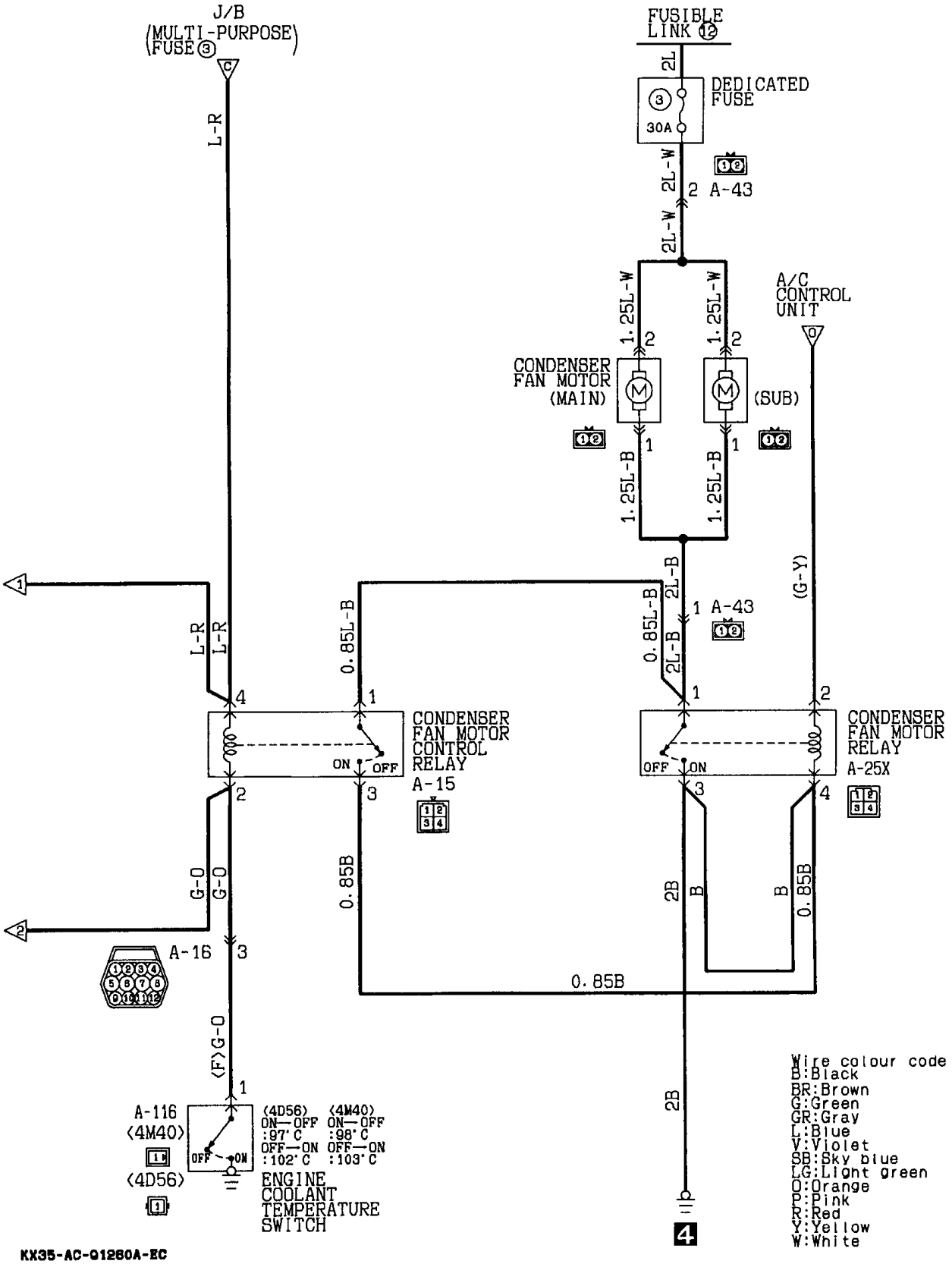


Wire colour code

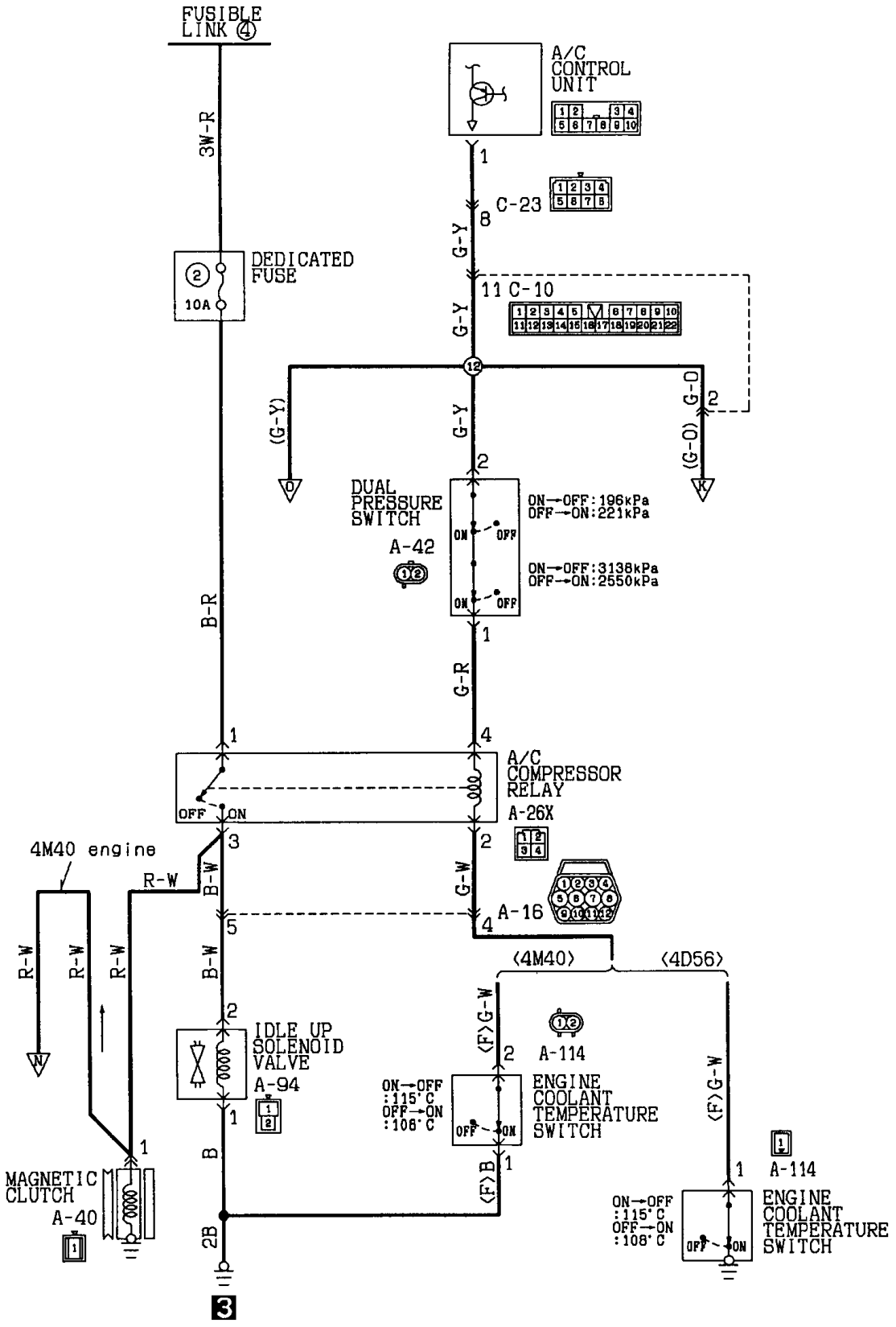
B:Black	LG:Light green	G:Green	L:Blue	W:White	Y:Yellow	SB:Sky blue	
BR:Brown	O:Orange	GR:Gray	R:Red	P:Pink	V:Violet		


BLOWER SWITCH
H
L-W
1
A/C SWITCH C-17
OFF
ECO
A/C
3
4
(G-R)
(G-L)
7
3
C-23
5
3
AIR THERMO SENSOR
2
1
8
10
A/C CONTROL UNIT
GND
GND
7
2
4
9
4
2
G-B
G
1
C-26
(A/T)
(M/T)
(F)G-B
(F)G-B
(B)
SHORT CONNECTOR
1
A-108
A-108
1
(F)B
2B
LEVER POSITION SWITCH
ON
OFF
3
1
2
AIR INLET SENSOR
(4M40)
A/C COMPRESSOR RELAY
W
R-W
L-R
1
4
A/C COMPRESSOR CAPACITY CONTROL RELAY
OFF
ON
A-14
3
2
R-G
G-O
1
2
A/C COMPRESSOR CAPACITY CONTROL SOLENOID VALVE
A-37
1
2

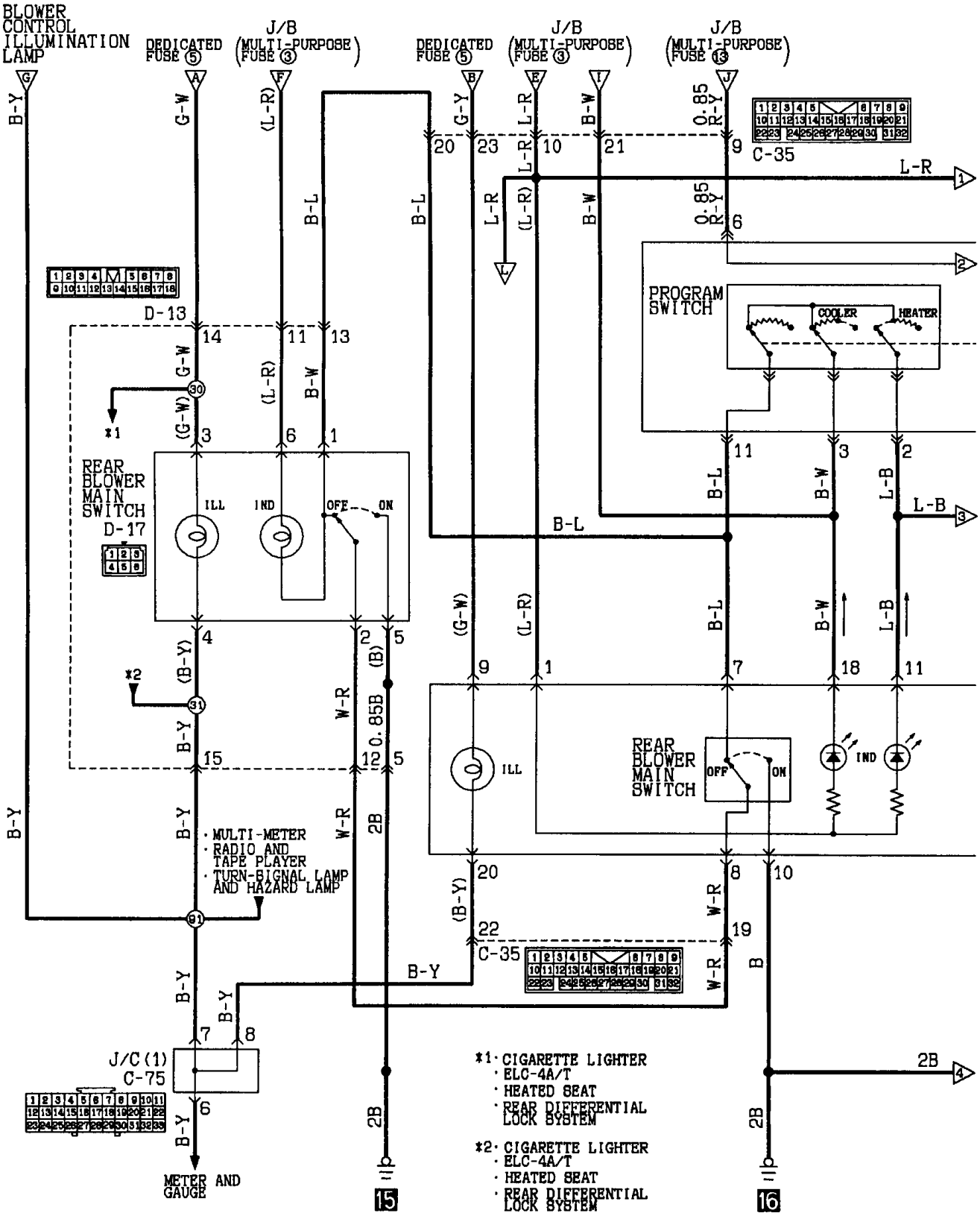
DUAL AIR CONDITIONER
〈L.H. drive vehicles with rear heater (diesel-powered vehicles)〉(CONTINUED)

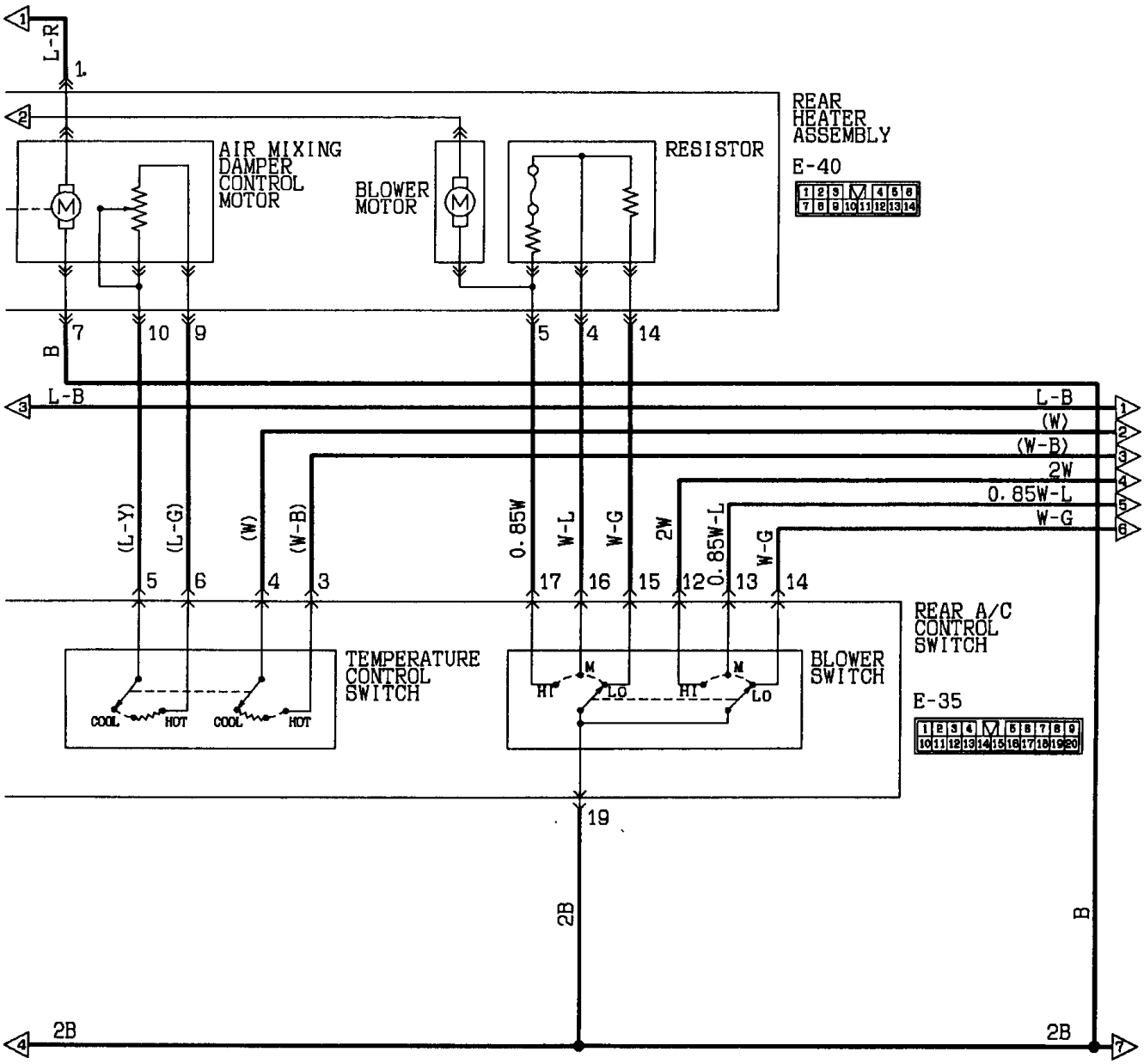


KX35-AC-01280A-EC


FUSIBLE LINK ④
3W-R
A/C CONTROL UNIT
C-23
DEDICATED FUSE
10A
11 C-10
G-Y
(G-Y)
G-O
(G-O)
DUAL PRESSURE SWITCH
A-42
ON→OFF:196kPa
OFF→ON:221kPa
ON→OFF:3138kPa
OFF→ON:2550kPa
B-R
G-R
A/C COMPRESSOR RELAY
A-26X
4M40 engine
R-W
B-W
G-W
A-16
⟨4M40⟩
⟨4D56⟩
IDLE UP SOLENOID VALVE
A-94
A-114
ENGINE COOLANT TEMPERATURE SWITCH
ON→OFF :115°C
OFF→ON :106°C
MAGNETIC CLUTCH
A-40
B
2B
3

DUAL AIR CONDITIONER
(L.H. drive vehicles with rear heater (diesel-powered vehicles)) (CONTINUED)

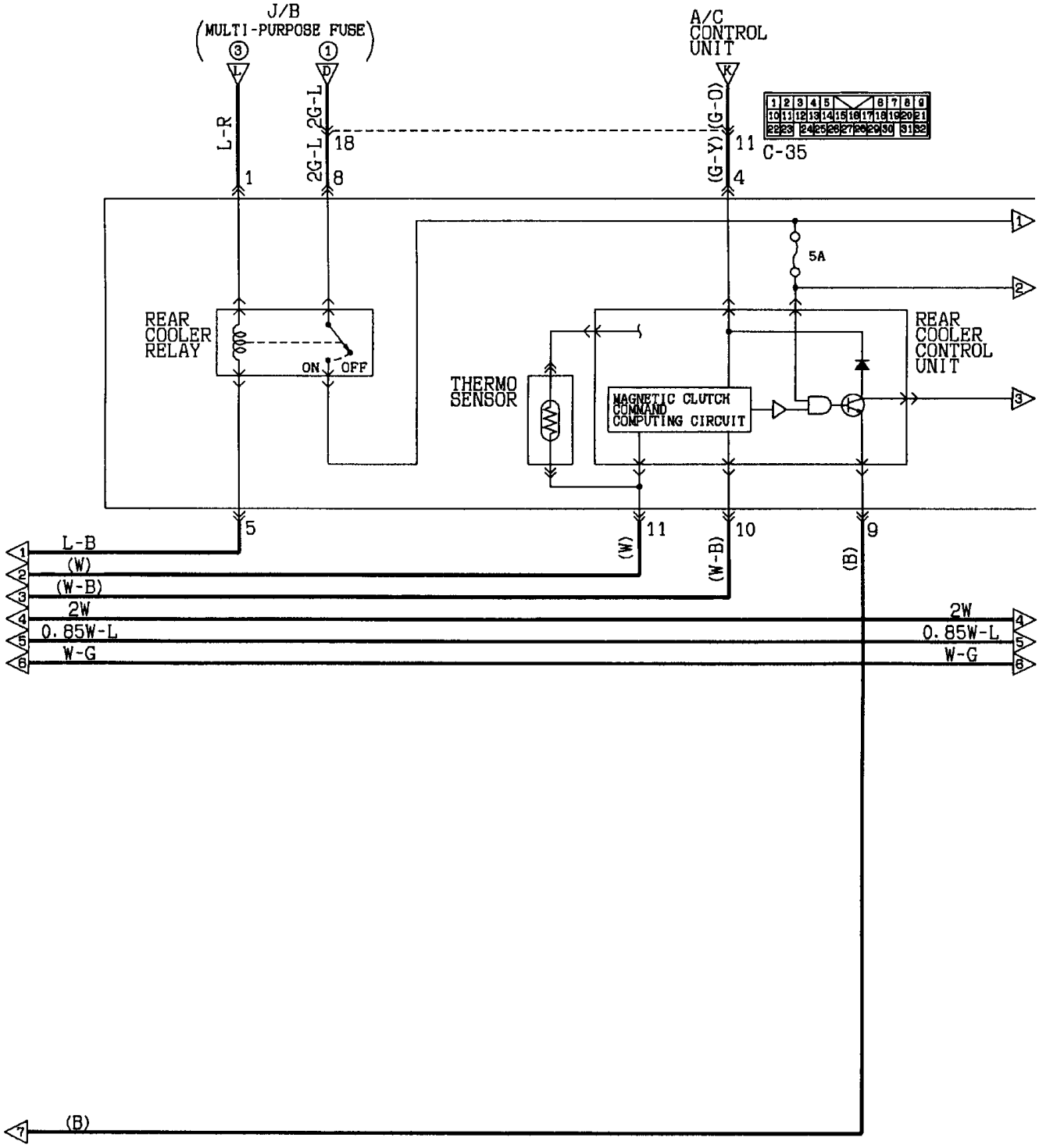


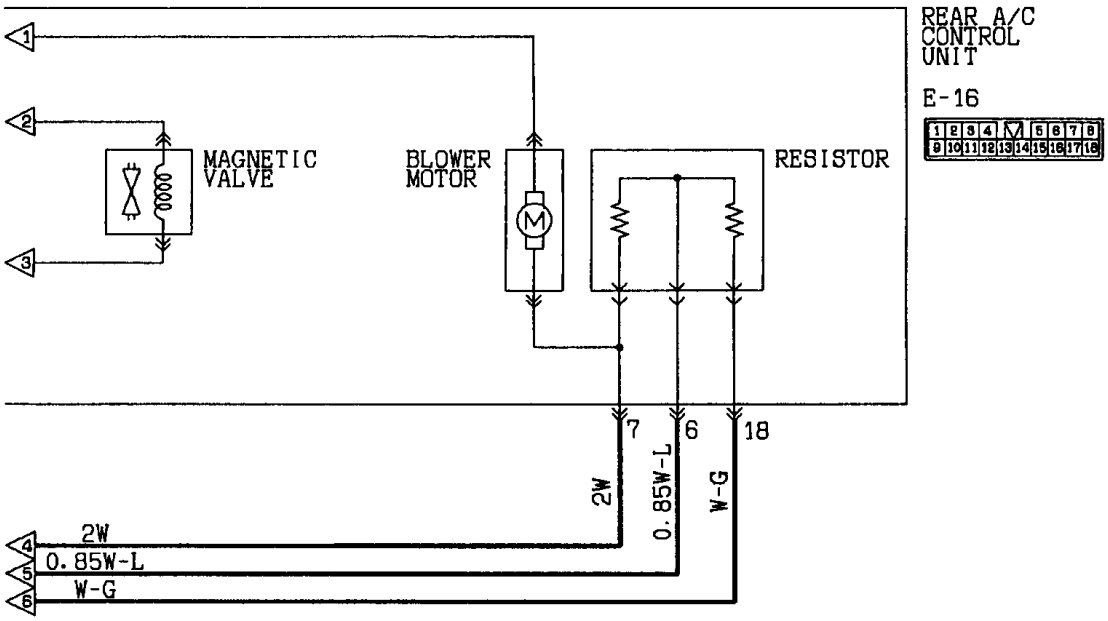


Wire colour code

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 with rear heater (diesel-powered vehicles)> (CONTINUED)



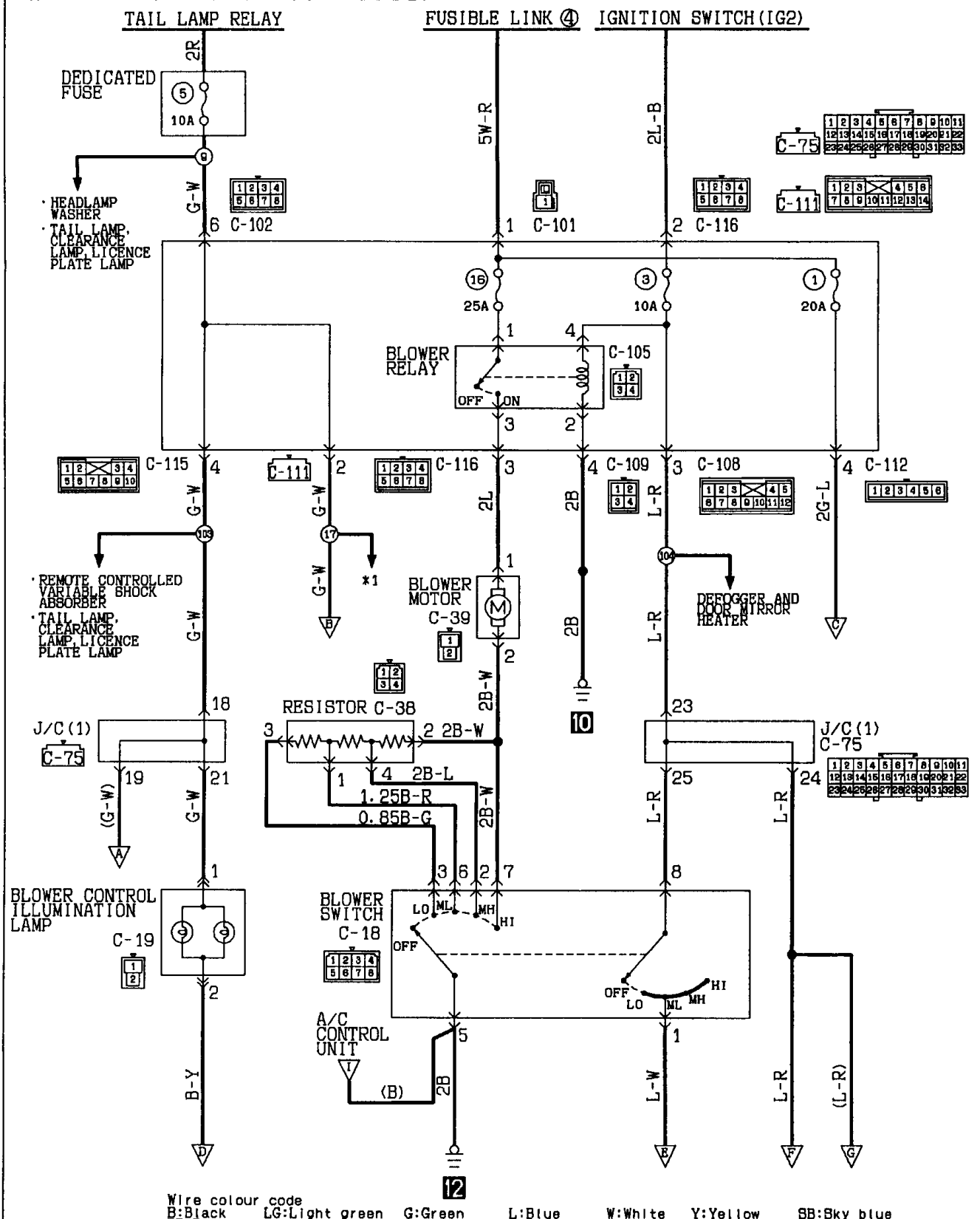


Wire colour code

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

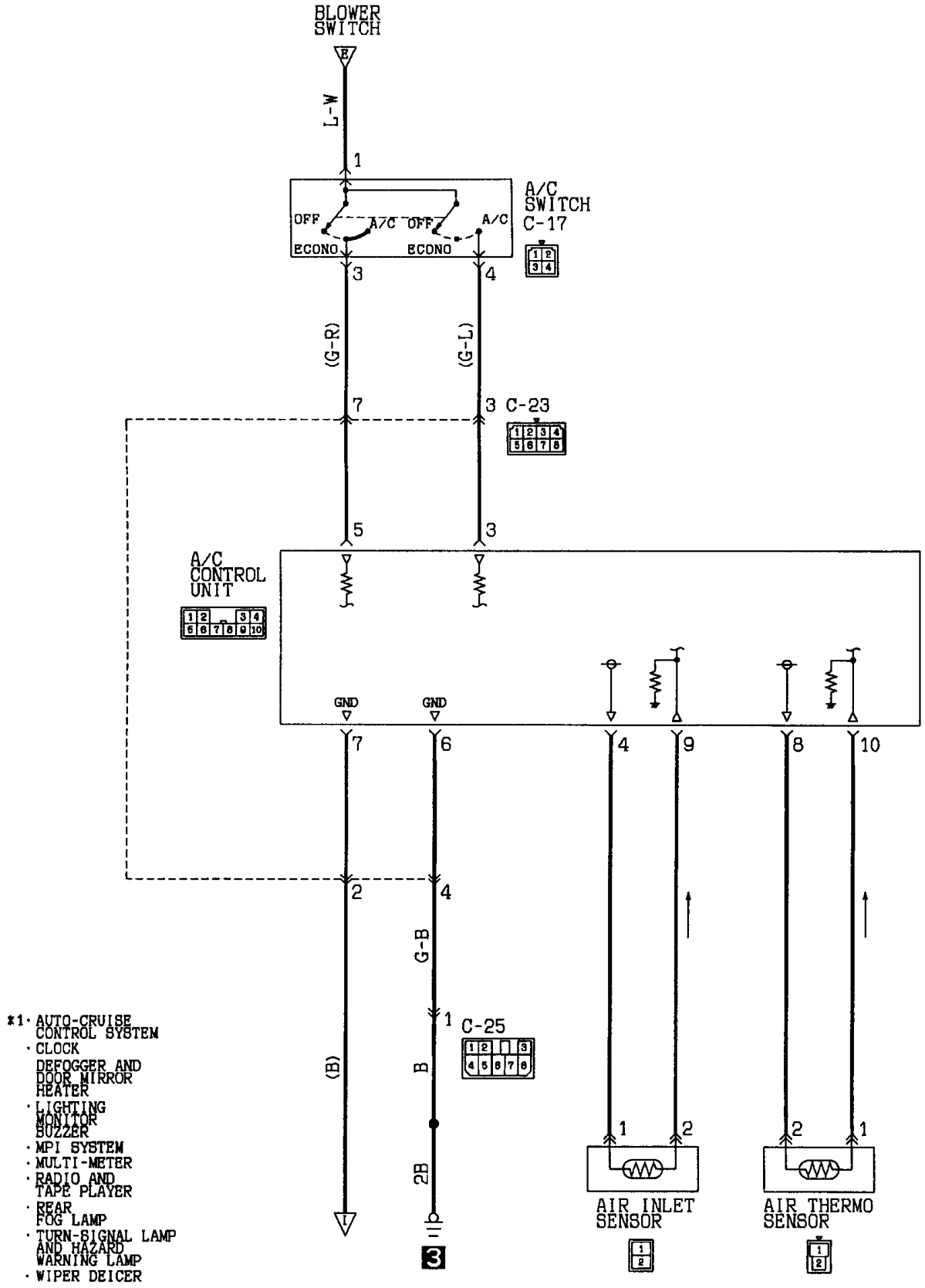
R.H. drive vehicles without rear heater
<petrol-powered vehicles>



Wire colour code

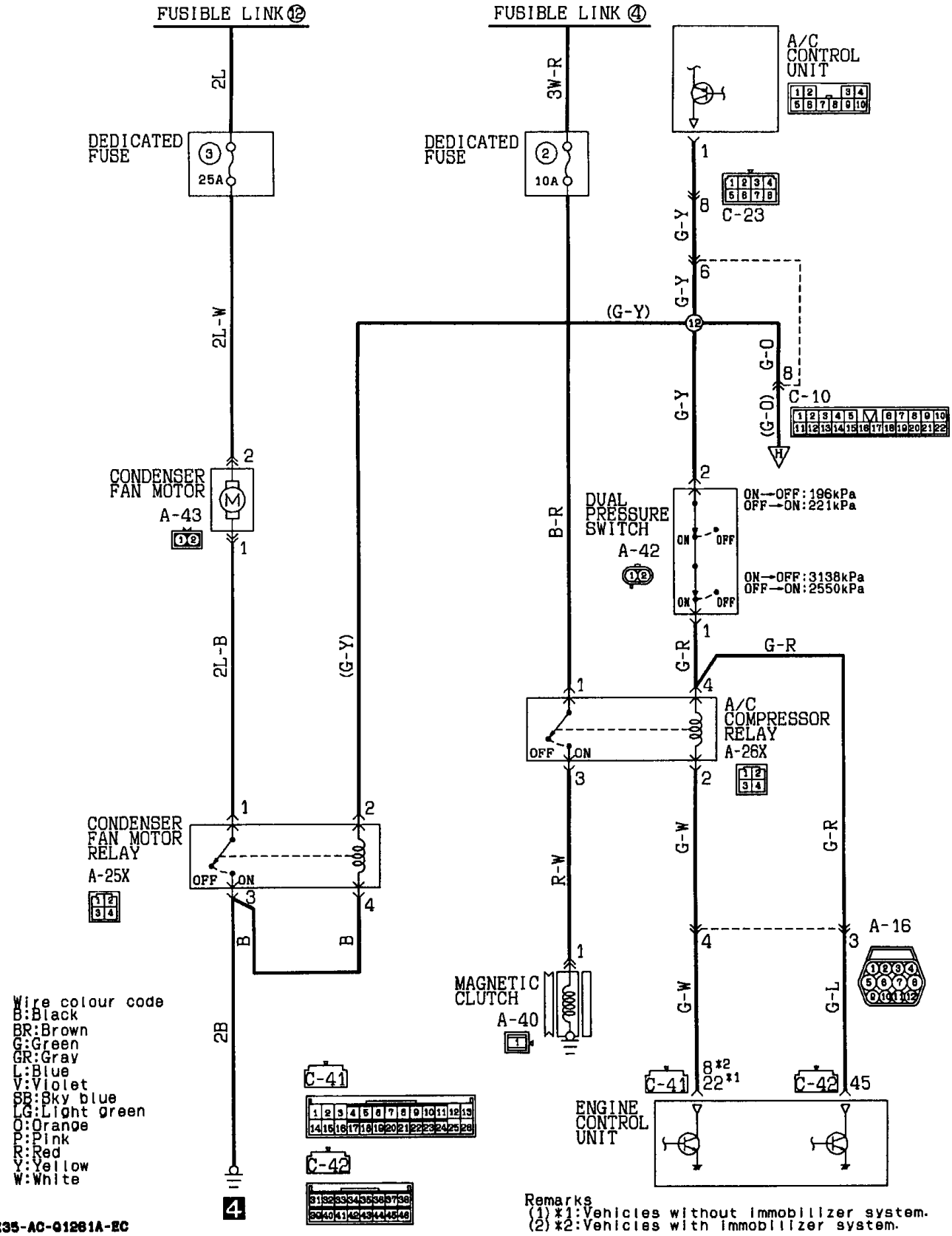
B:Black	LG:Light green	G:Green	L:Blue	W:White	Y:Yellow	SB:Sky blue	
BR:Brown	O:Orange	GR:Gray	R:Red	P:Pink	V:Violet		

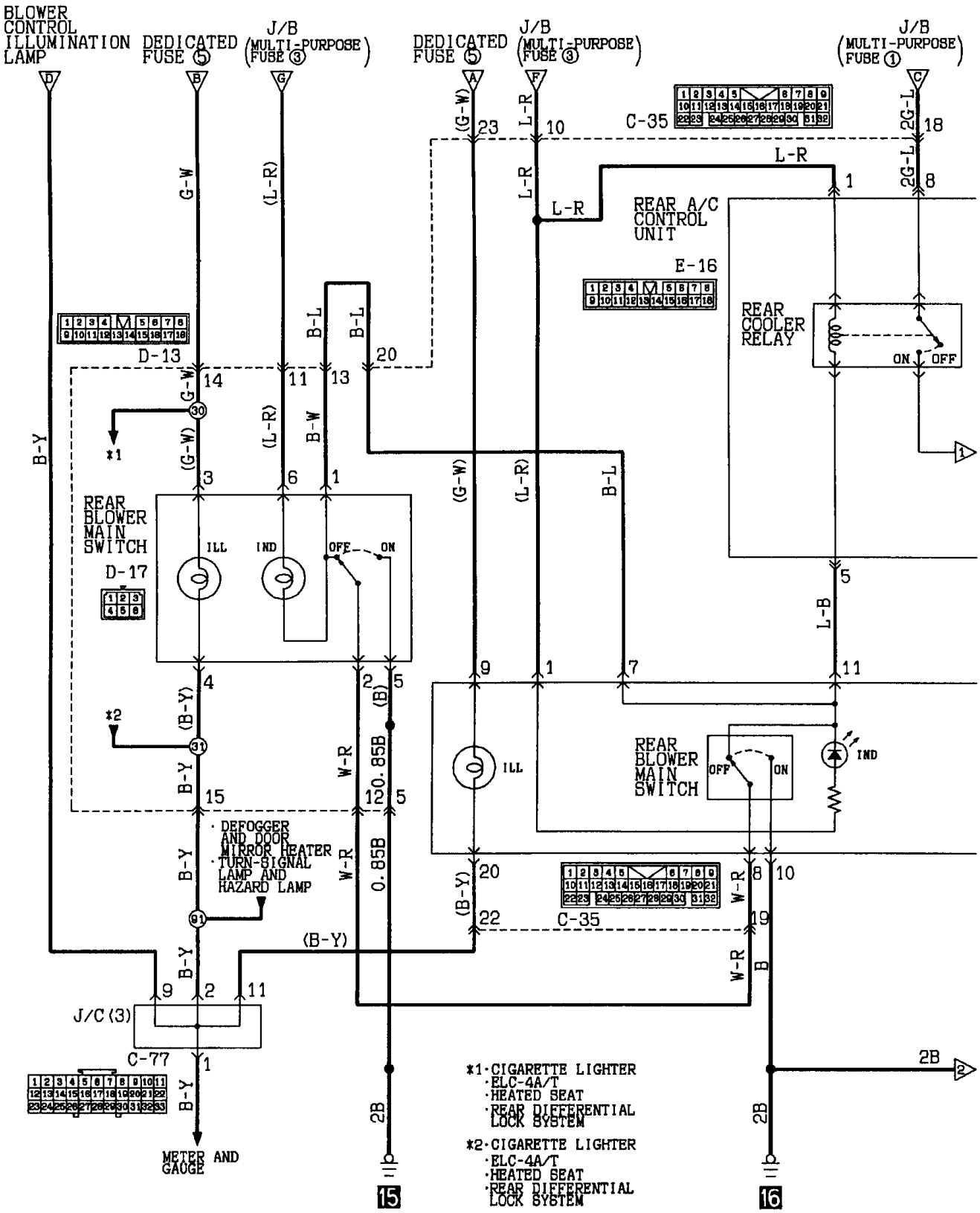
KX35-AC-Q1261-EC



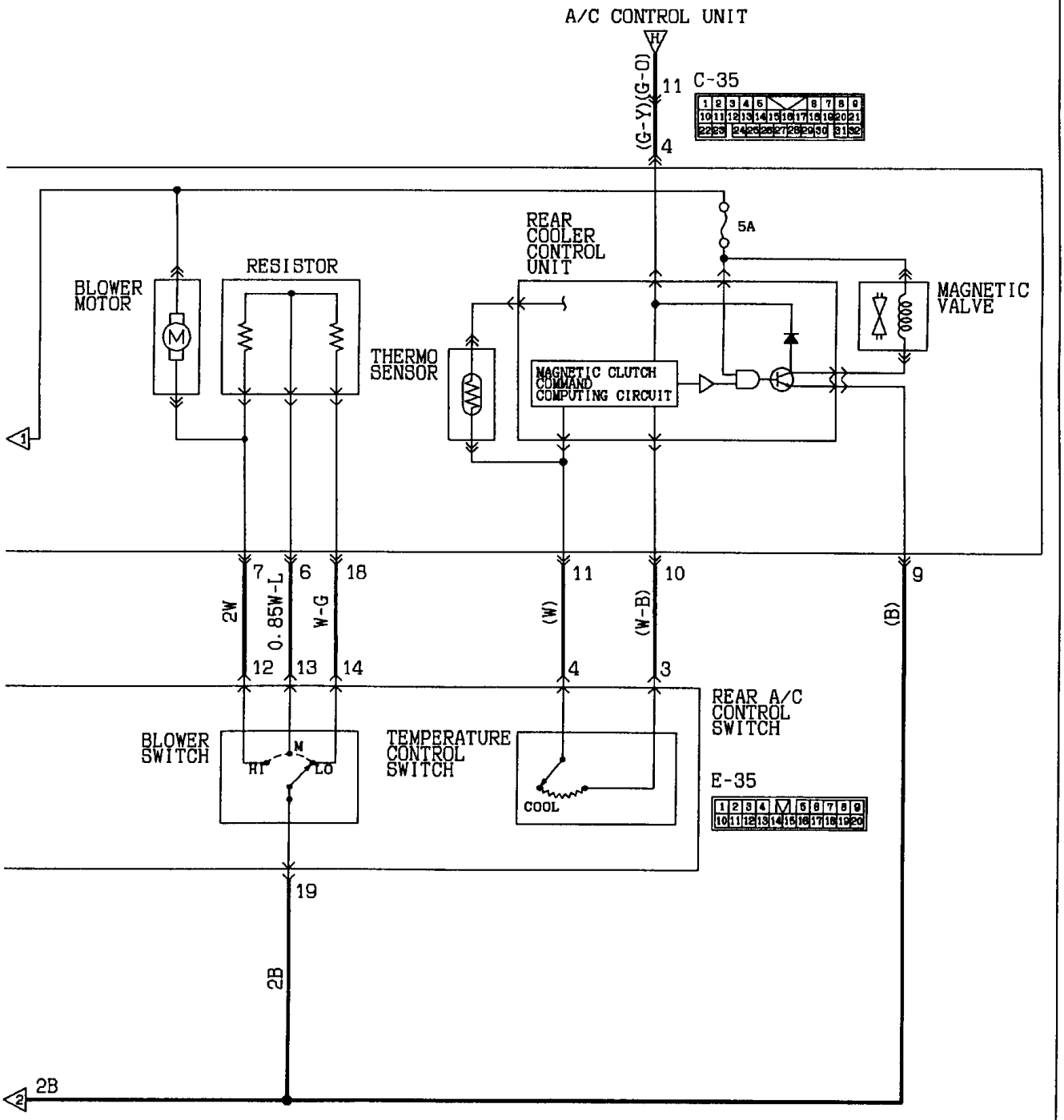
*1· AUTO-CRUISE CONTROL SYSTEM
· CLOCK
DEFOGGER AND DOOR MIRROR HEATER
· LIGHTING MONITOR BUZZER
· MPI SYSTEM
· MULTI-METER
· RADIO AND TAPE PLAYER
· REAR FOG LAMP
· TURN-SIGNAL LAMP AND HAZARD WARNING LAMP
· WIPER DEICER

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




BLOWER CONTROL ILLUMINATION LAMP
DEDICATED FUSE ⑤
J/B (MULTI-PURPOSE FUSE ③)
DEDICATED FUSE ⑤
J/B (MULTI-PURPOSE FUSE ③)
J/B (MULTI-PURPOSE FUSE ①)
C-35
REAR A/C CONTROL UNIT
E-16
REAR COOLER RELAY
ON
OFF
D-13
REAR BLOWER MAIN SWITCH
ILL
IND
OFF
ON
D-17
REAR BLOWER MAIN SWITCH
· DEFOGGER AND DOOR MIRROR HEATER
· TURN-SIGNAL LAMP AND HAZARD LAMP
J/C (3)
C-77
METER AND GAUGE
*1·CIGARETTE LIGHTER
·ELC-4A/T
·HEATED SEAT
·REAR DIFFERENTIAL LOCK SYSTEM
*2·CIGARETTE LIGHTER
·ELC-4A/T
·HEATED SEAT
·REAR DIFFERENTIAL LOCK SYSTEM
15
16

DUAL AIR CONDITIONER
(R.H. drive vehicles without rear heater (Petrol-powered vehicles)) (CONTINUED)

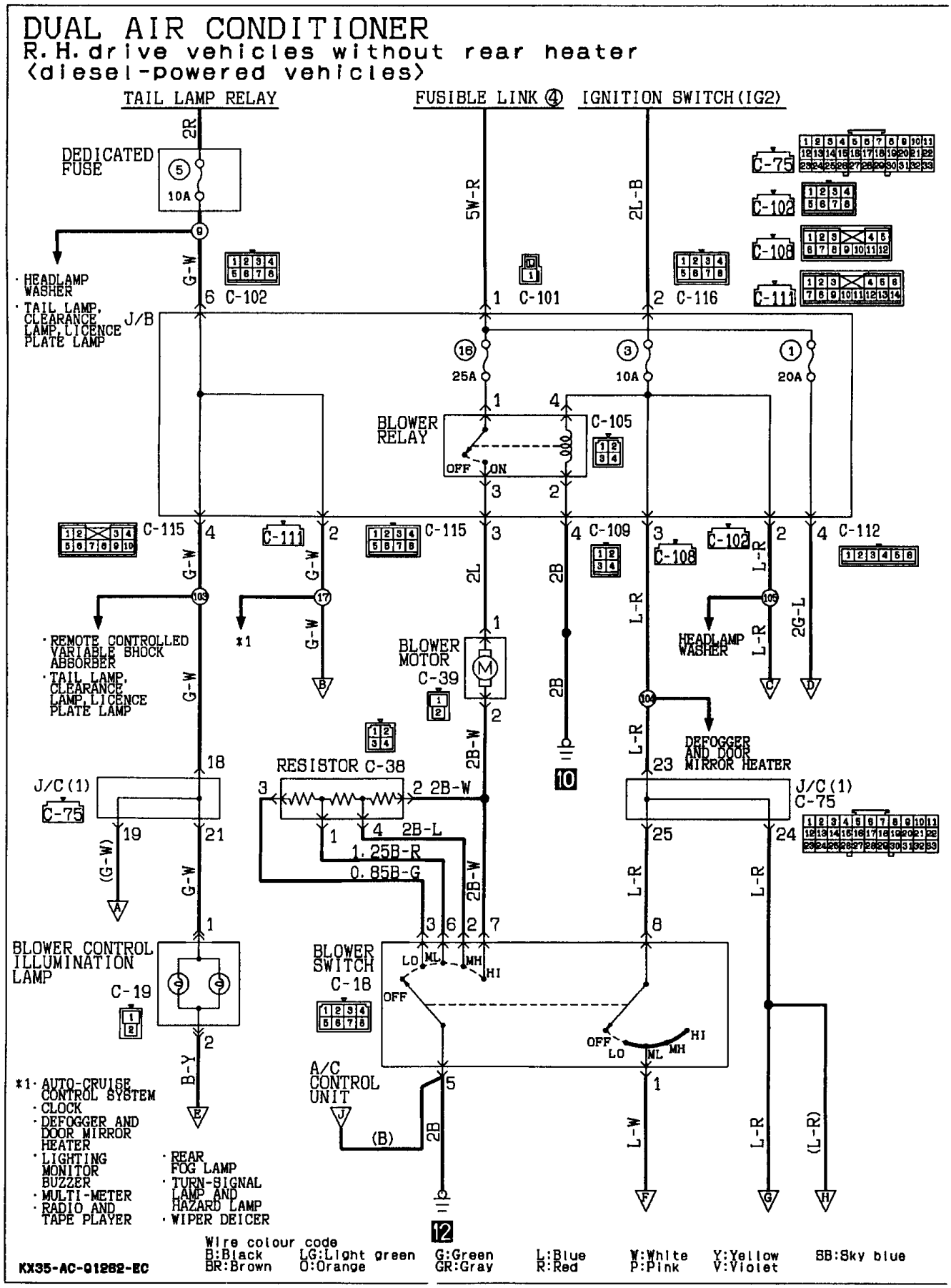


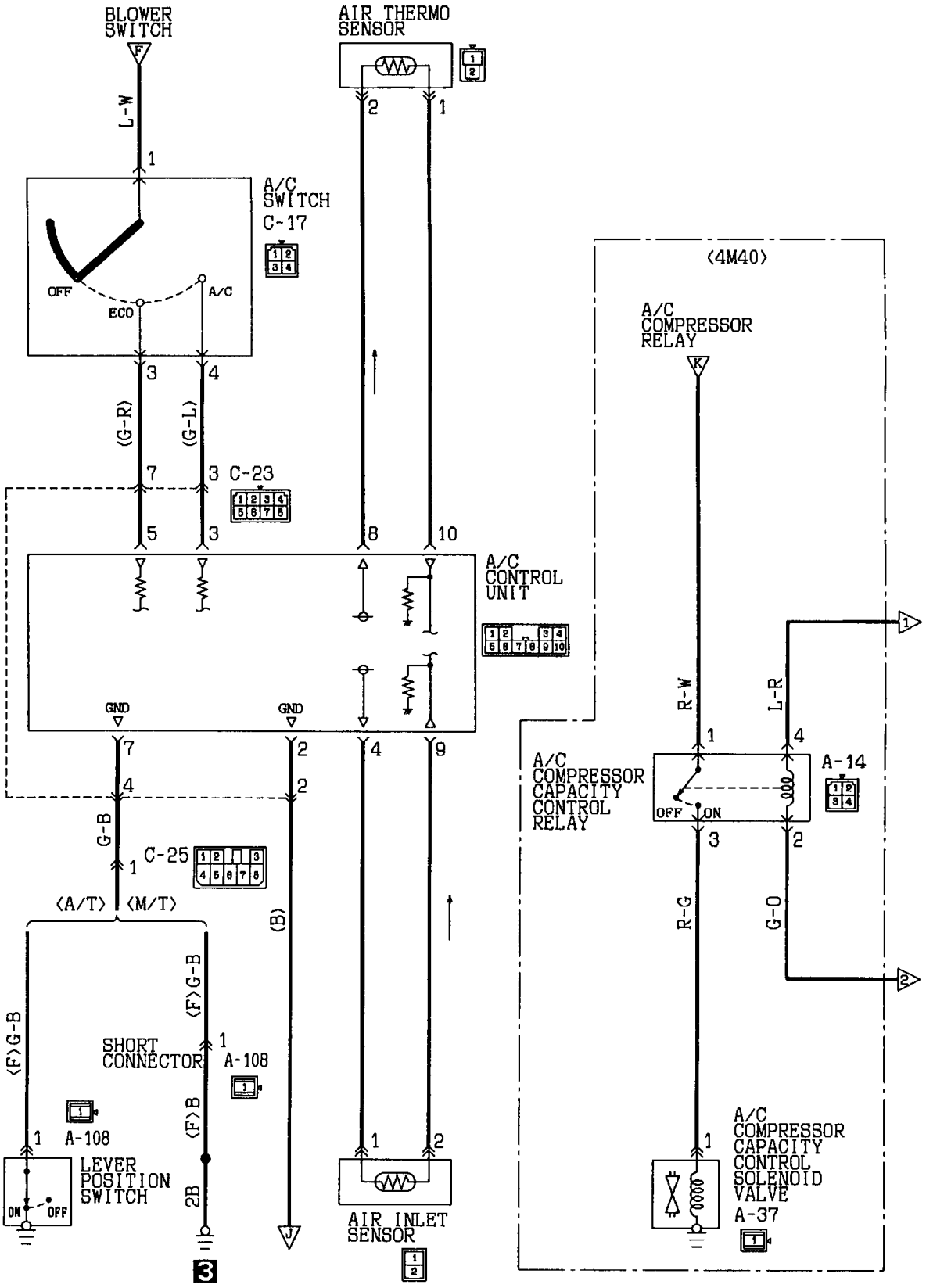
Wire colour code

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	

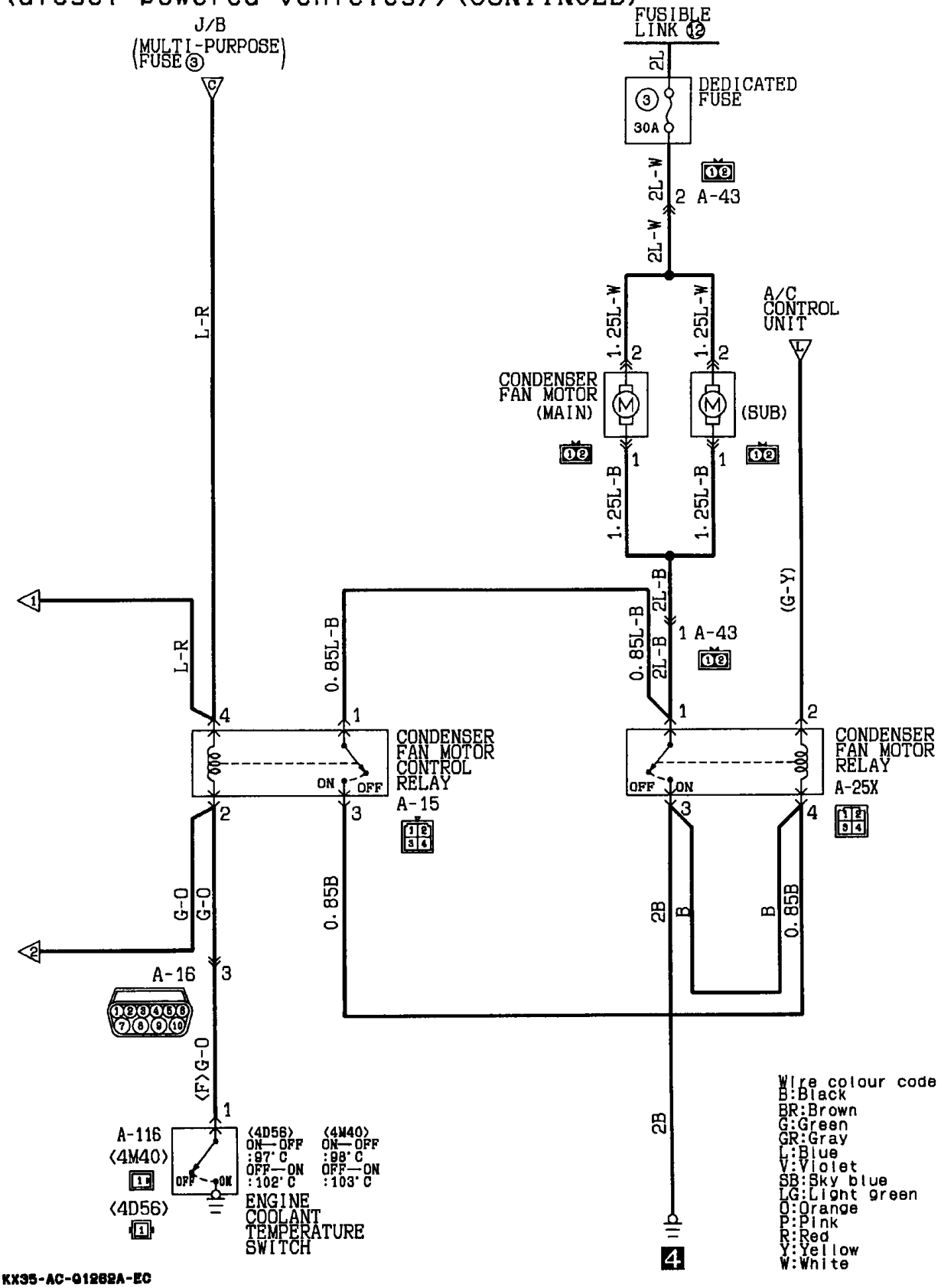
KX35-AC-Q1261B-EC

NOTES

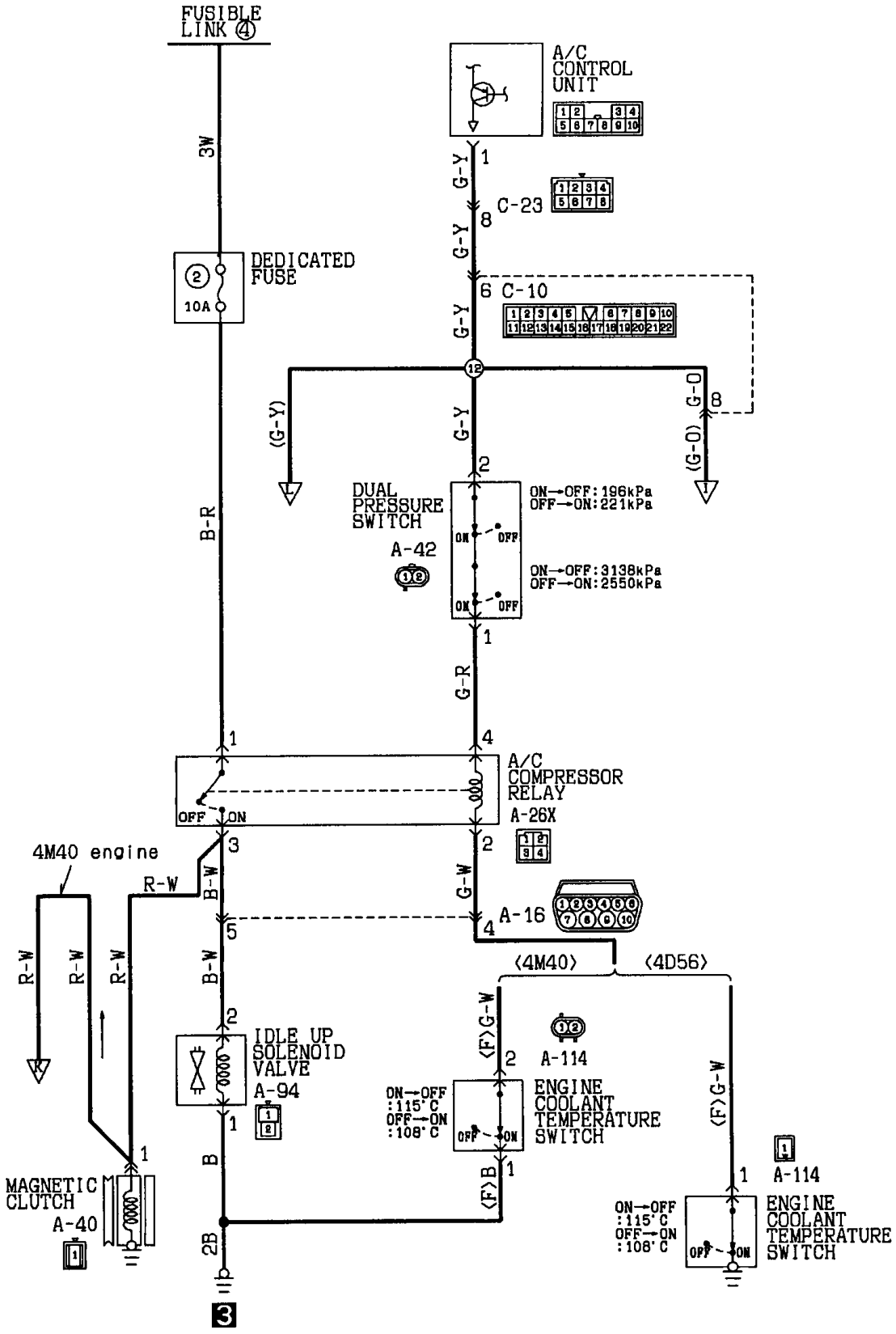

DUAL AIR CONDITIONER
R.H. drive vehicles without rear heater
(diesel-powered vehicles)
TAIL LAMP RELAY
FUSIBLE LINK ④
IGNITION SWITCH(IG2)
DEDICATED FUSE
10A
· HEADLAMP WASHER
· TAIL LAMP, CLEARANCE LAMP, LICENCE PLATE LAMP
J/B
C-102
C-101
C-116
C-75
C-108
C-111
25A
10A
20A
BLOWER RELAY
OFF
ON
C-105
C-115
C-109
C-112
· REMOTE CONTROLLED VARIABLE SHOCK ABSORBER
· TAIL LAMP, CLEARANCE LAMP, LICENCE PLATE LAMP
*1
BLOWER MOTOR
C-39
HEADLAMP WASHER
DEFOGGER AND DOOR MIRROR HEATER
RESISTOR C-38
J/C(1)
C-75
BLOWER CONTROL ILLUMINATION LAMP
C-19
BLOWER SWITCH
C-18
LO
ML
MH
HI
OFF
A/C CONTROL UNIT
(B)
*1· AUTO-CRUISE CONTROL SYSTEM
· CLOCK
· DEFOGGER AND DOOR MIRROR HEATER
· LIGHTING MONITOR BUZZER
· MULTI-METER
· RADIO AND TAPE PLAYER
· REAR FOG LAMP
· TURN-SIGNAL LAMP AND HAZARD LAMP
· WIPER DEICER
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
KX35-AC-01282-EC


BLOWER SWITCH
F
L-W
1
A/C SWITCH C-17
OFF
ECO
A/C
3
4
(G-R)
(G-L)
7
3
C-23
5
3
AIR THERMO SENSOR
2
1
8
10
A/C CONTROL UNIT
GND
GND
7
2
4
2
G-B
1
C-25
〈A/T〉
〈M/T〉
(B)
〈F〉G-B
〈F〉G-B
SHORT CONNECTOR
1
A-108
1
A-108
LEVER POSITION SWITCH
ON
OFF
〈F〉B
2B
3
4
9
1
2
AIR INLET SENSOR
〈4M40〉
A/C COMPRESSOR RELAY
K
R-W
L-R
1
4
A/C COMPRESSOR CAPACITY CONTROL RELAY
OFF
ON
A-14
3
2
R-G
G-O
1
A/C COMPRESSOR CAPACITY CONTROL SOLENOID VALVE
A-37

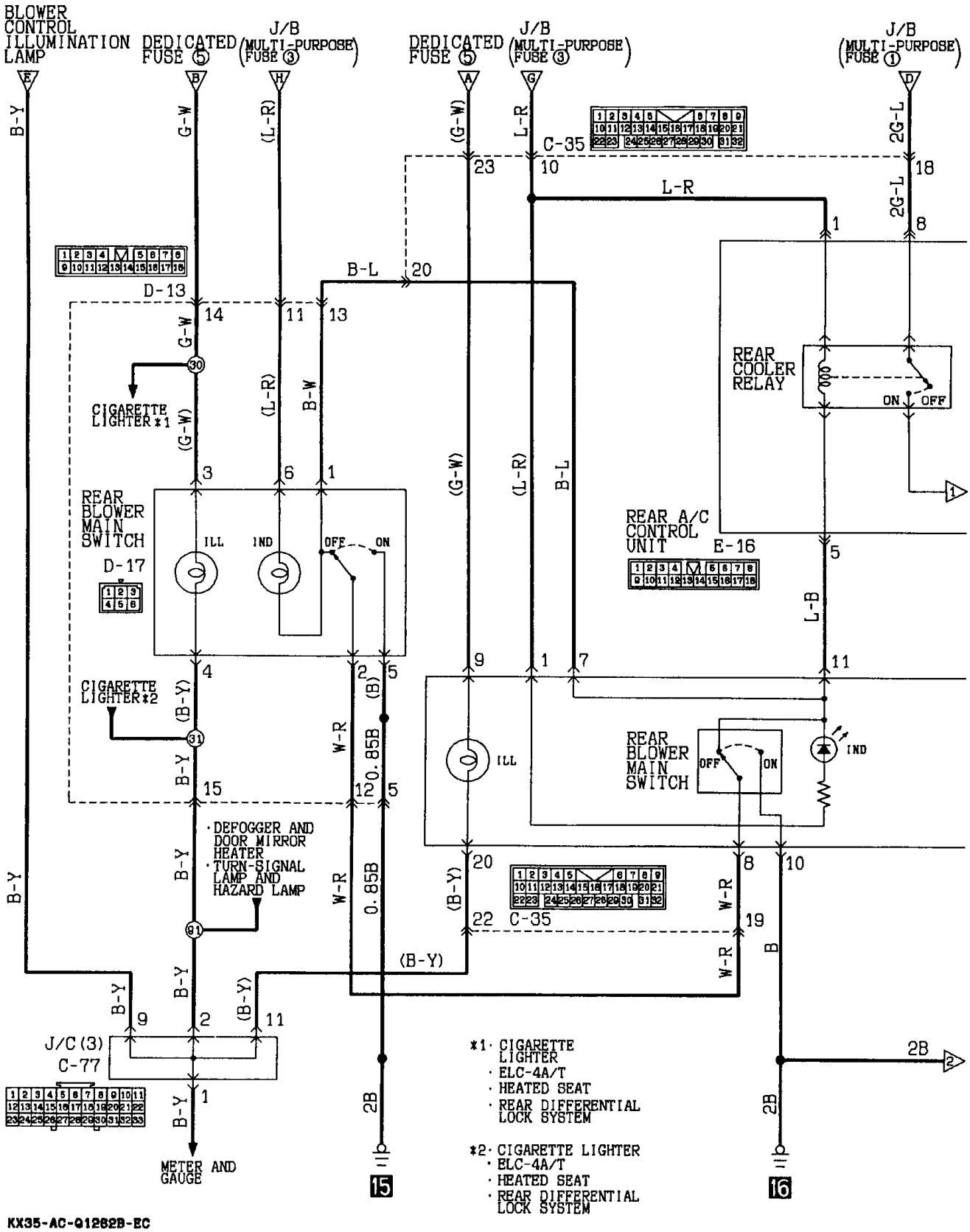
DUAL AIR CONDITIONER
〈R.H.drive vehicles without rear heater (diesel-powered vehicles)〉(CONTINUED)



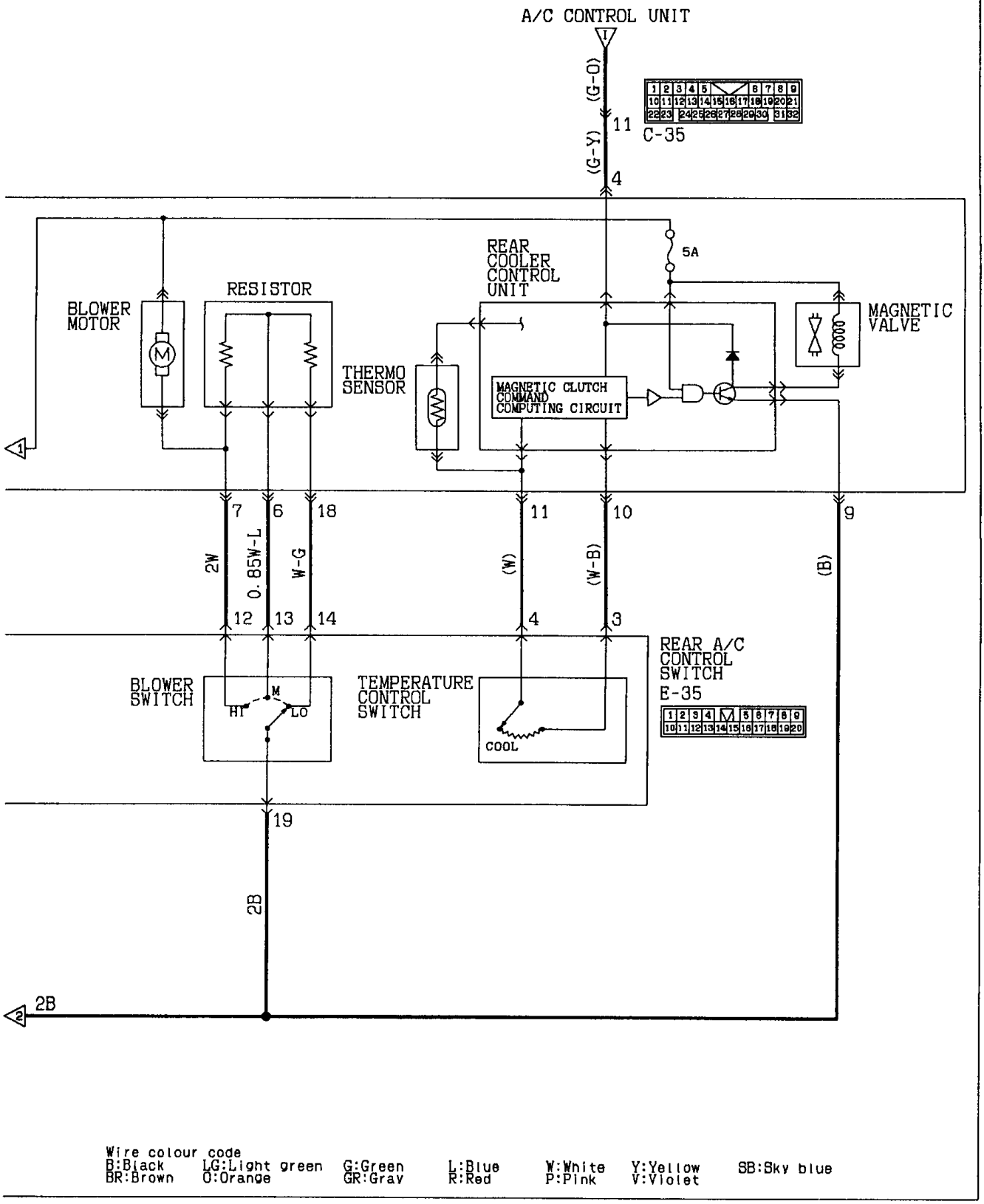
KX35-AC-Q1262A-EC


FUSIBLE LINK ④
3W
DEDICATED FUSE
10A
A/C CONTROL UNIT
C-23
C-10
G-Y
(G-Y)
G-O
(G-O)
B-R
DUAL PRESSURE SWITCH
A-42
ON→OFF: 196kPa
OFF→ON: 221kPa
ON→OFF: 3138kPa
OFF→ON: 2550kPa
G-R
A/C COMPRESSOR RELAY
A-26X
OFF
ON
4M40 engine
R-W
B-W
G-W
A-16
⟨4M40⟩
⟨4D56⟩
IDLE UP SOLENOID VALVE
A-94
(F)G-W
A-114
ENGINE COOLANT TEMPERATURE SWITCH
ON→OFF :115°C
OFF→ON :108°C
MAGNETIC CLUTCH
A-40
B
(F)B
2B
3

DUAL AIR CONDITIONER
<R.H.drive vehicles without rear heater (diesel-powered vehicles)> (CONTINUED)



KX35-AC-Q1282B-EC

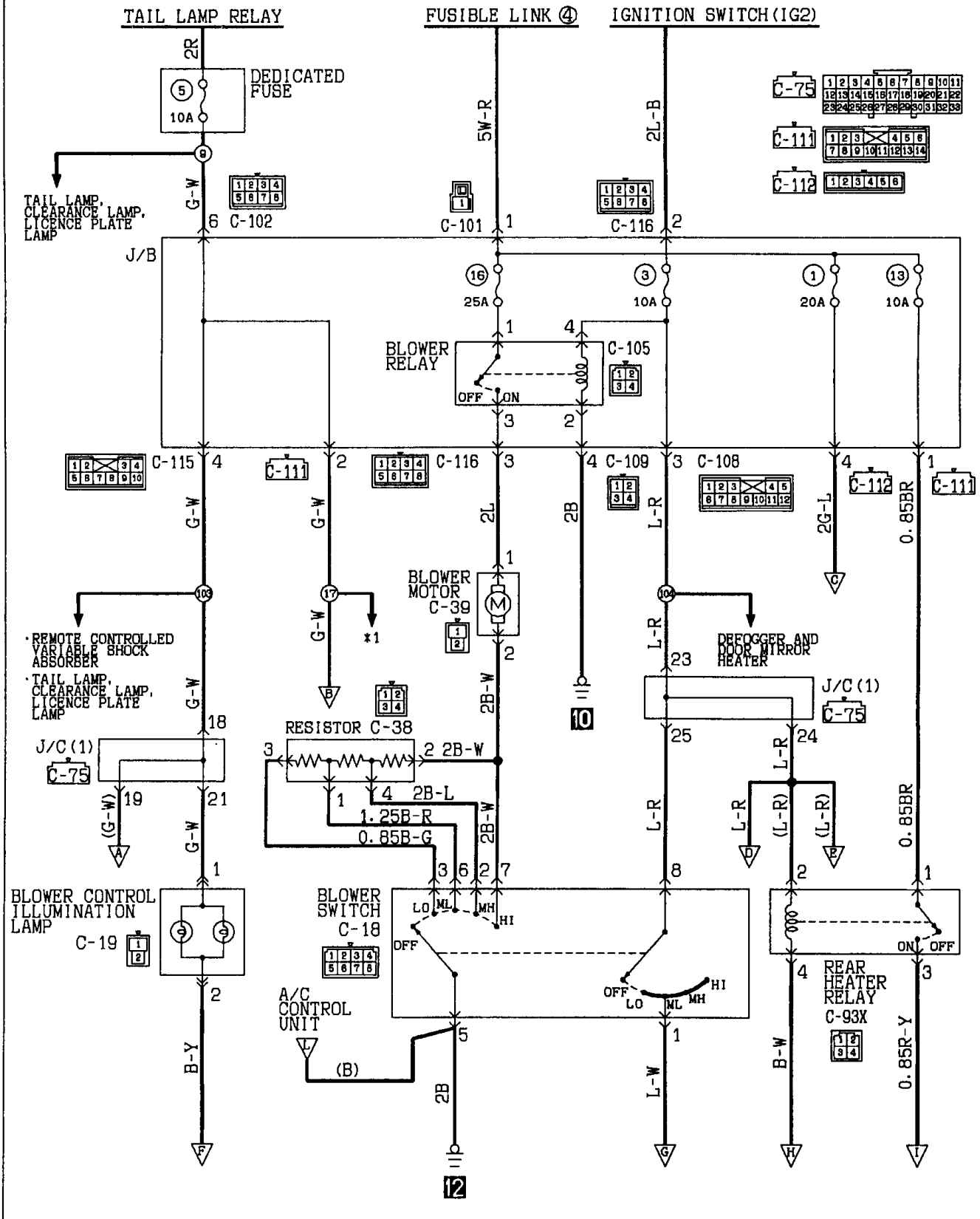


Wire colour code

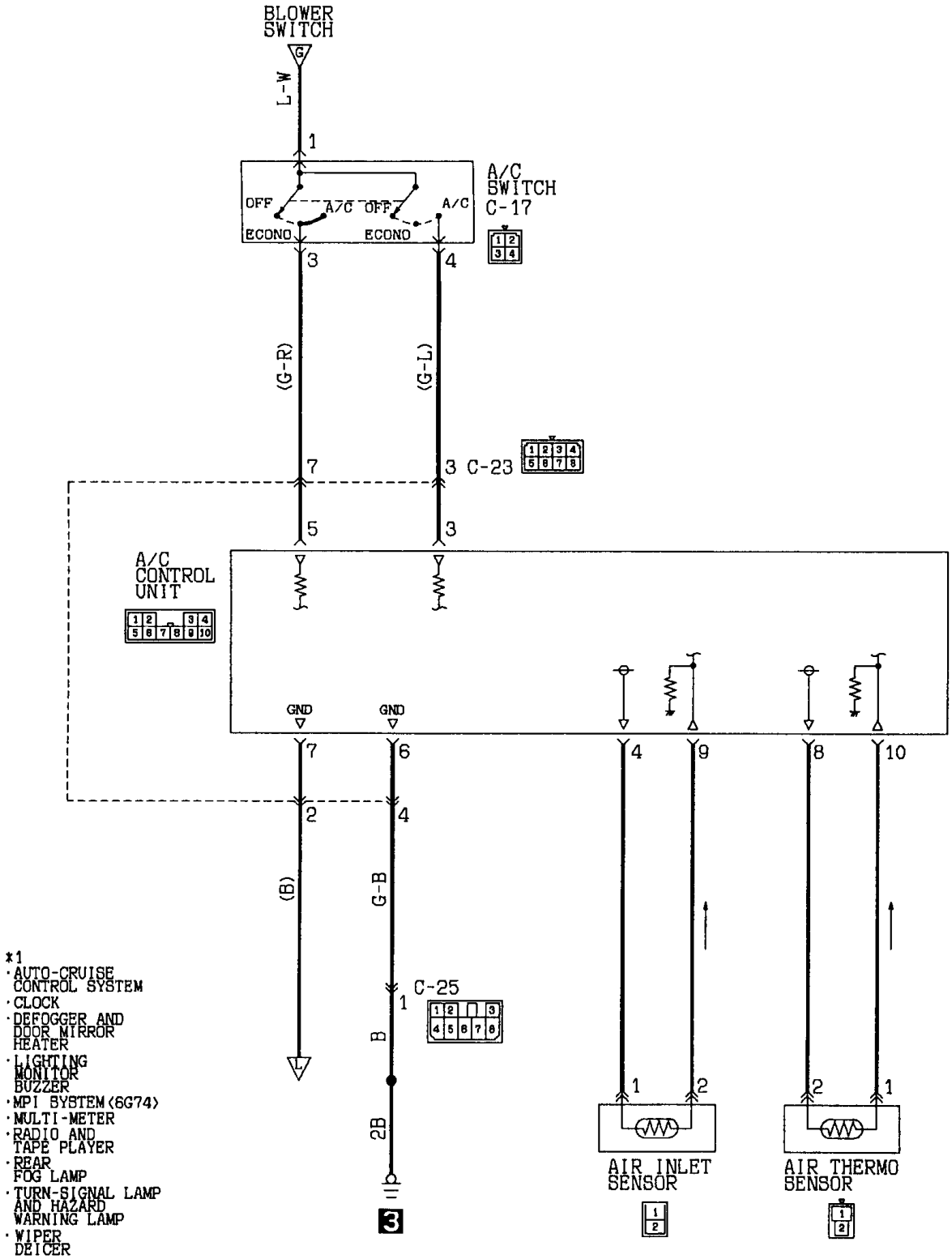
B:Black	LG:Light green	G:Green	L:Blue	W:White	Y:Yellow	SB:Sky blue
BR:Brown	O:Orange	GR:Gray	R:Red	P:Pink	V:Violet	

DUAL AIR CONDITIONER

R.H. drive vehicles with rear heater <petrol-powered vehicles>



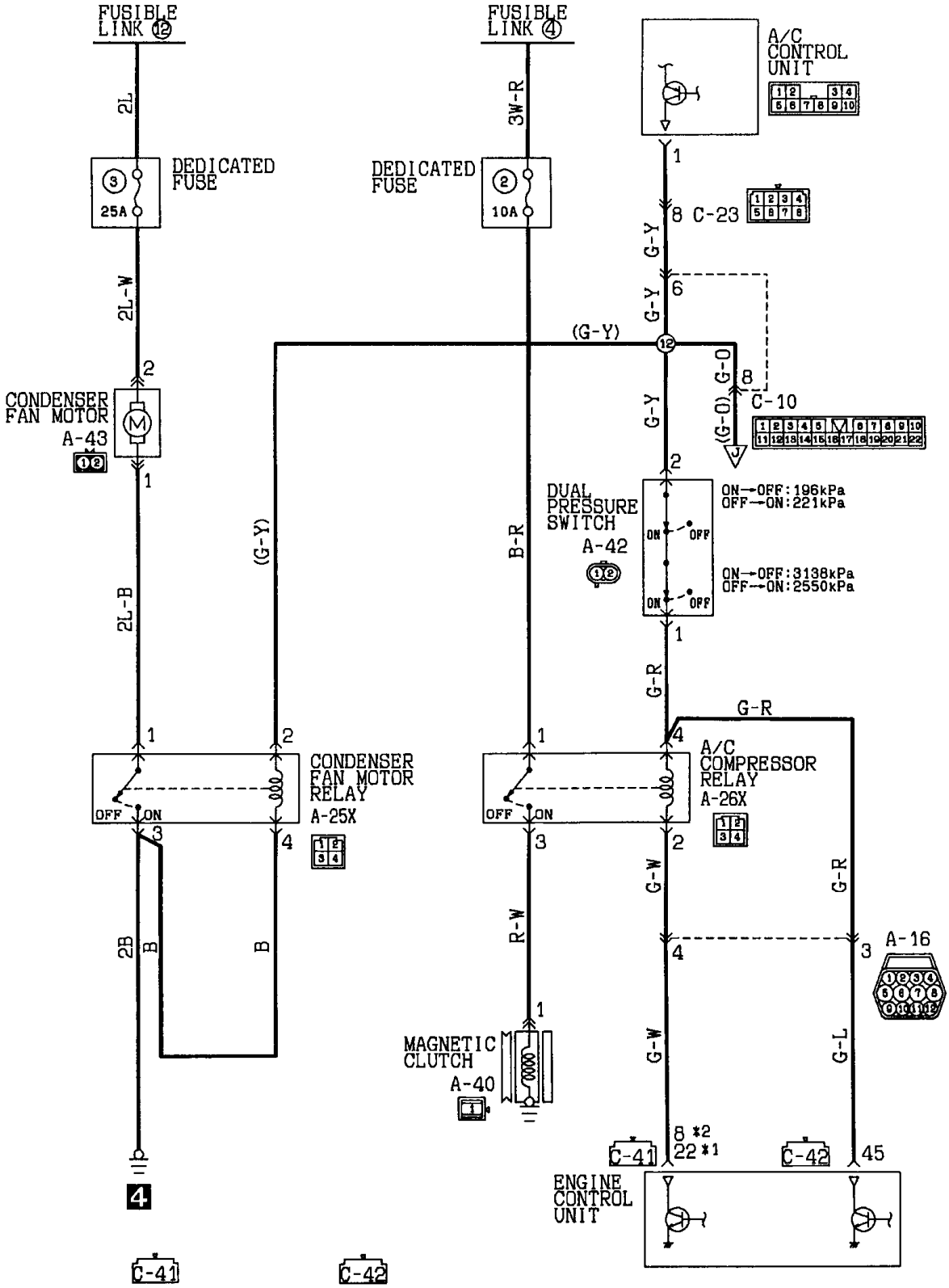
KX35-AC-01263-EC



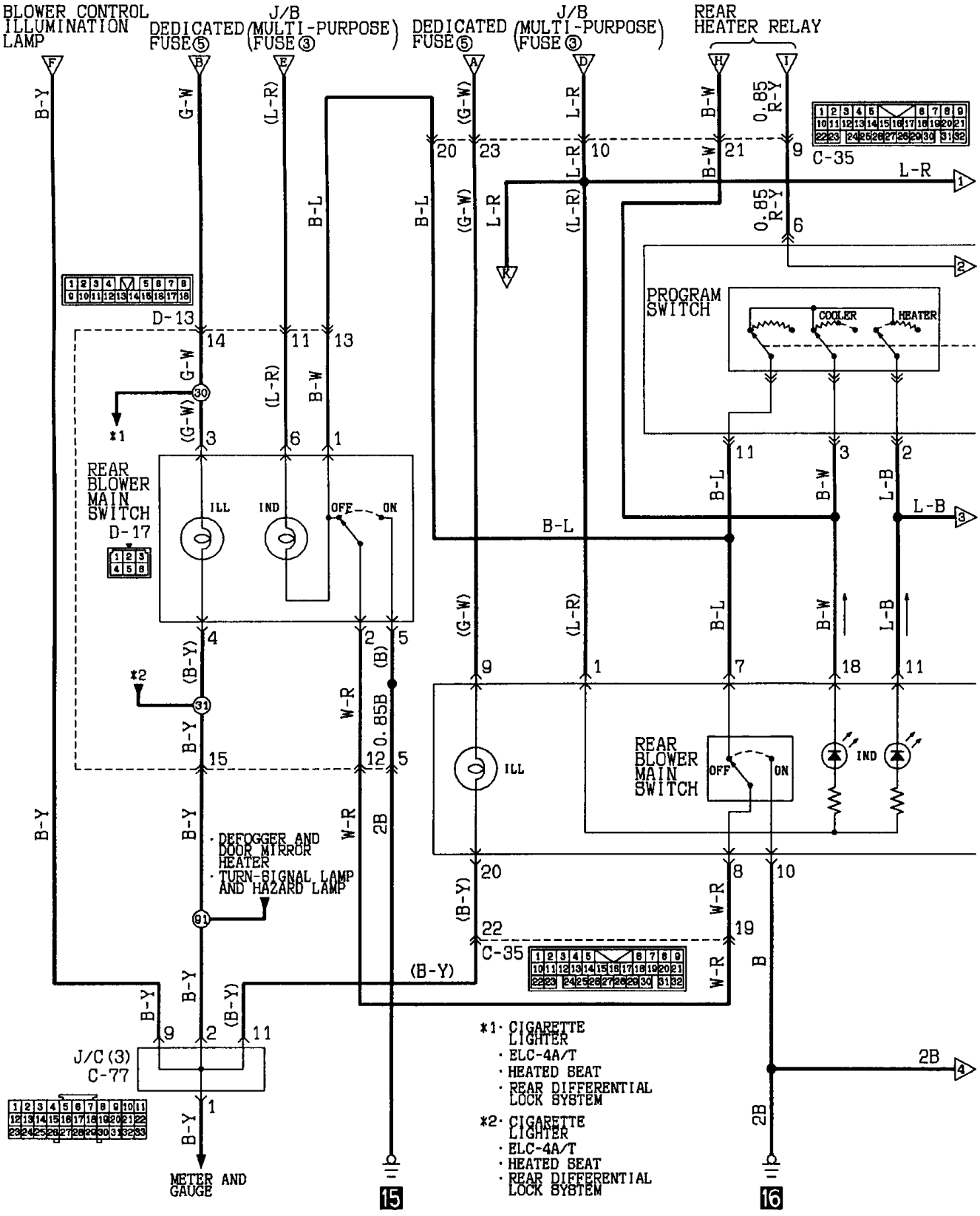
Wire colour code

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	

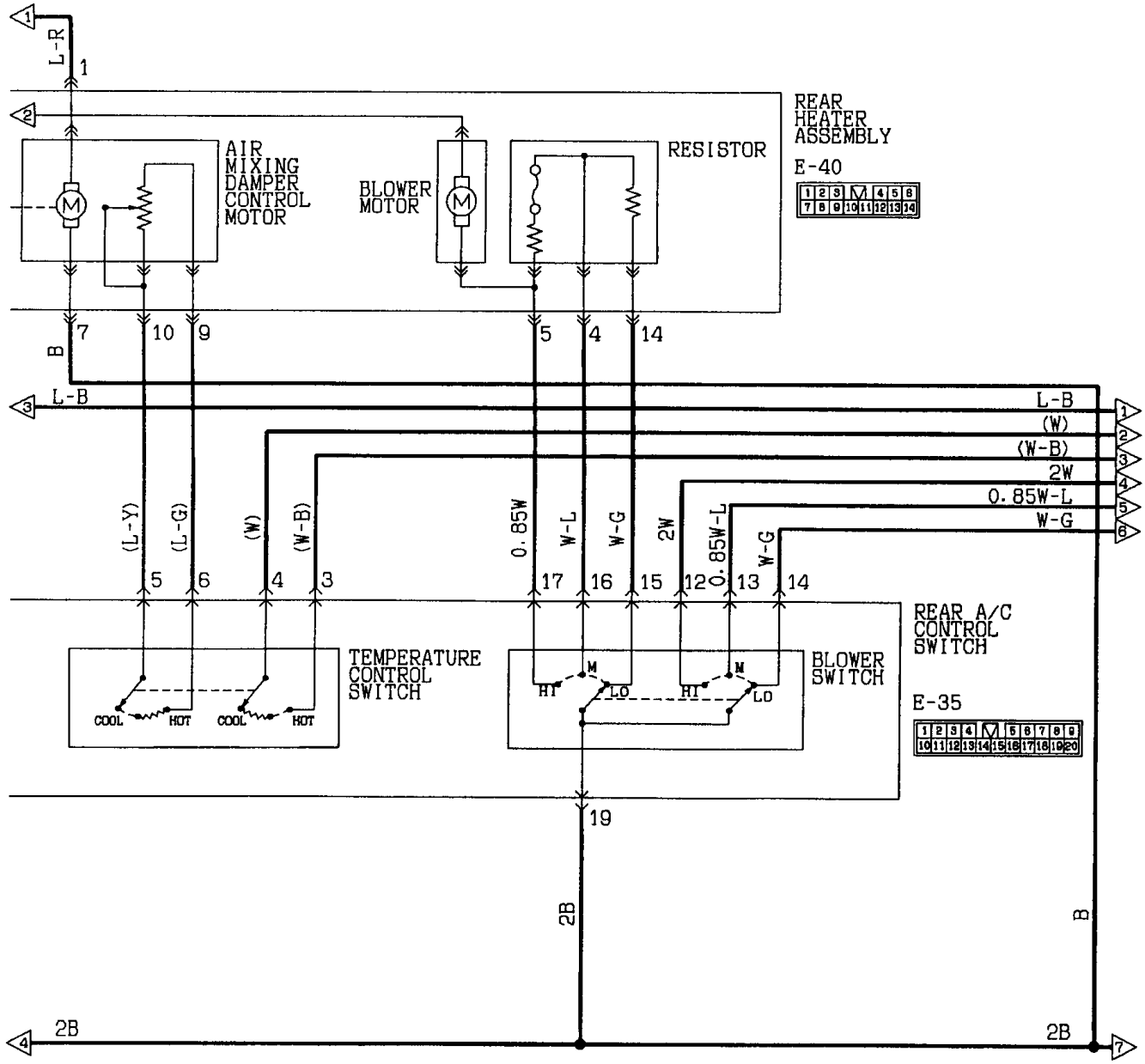
DUAL AIR CONDITIONER
〈R.H.drive vehicles with rear heater (petrol-powered vehicles)〉(CONTINUED)

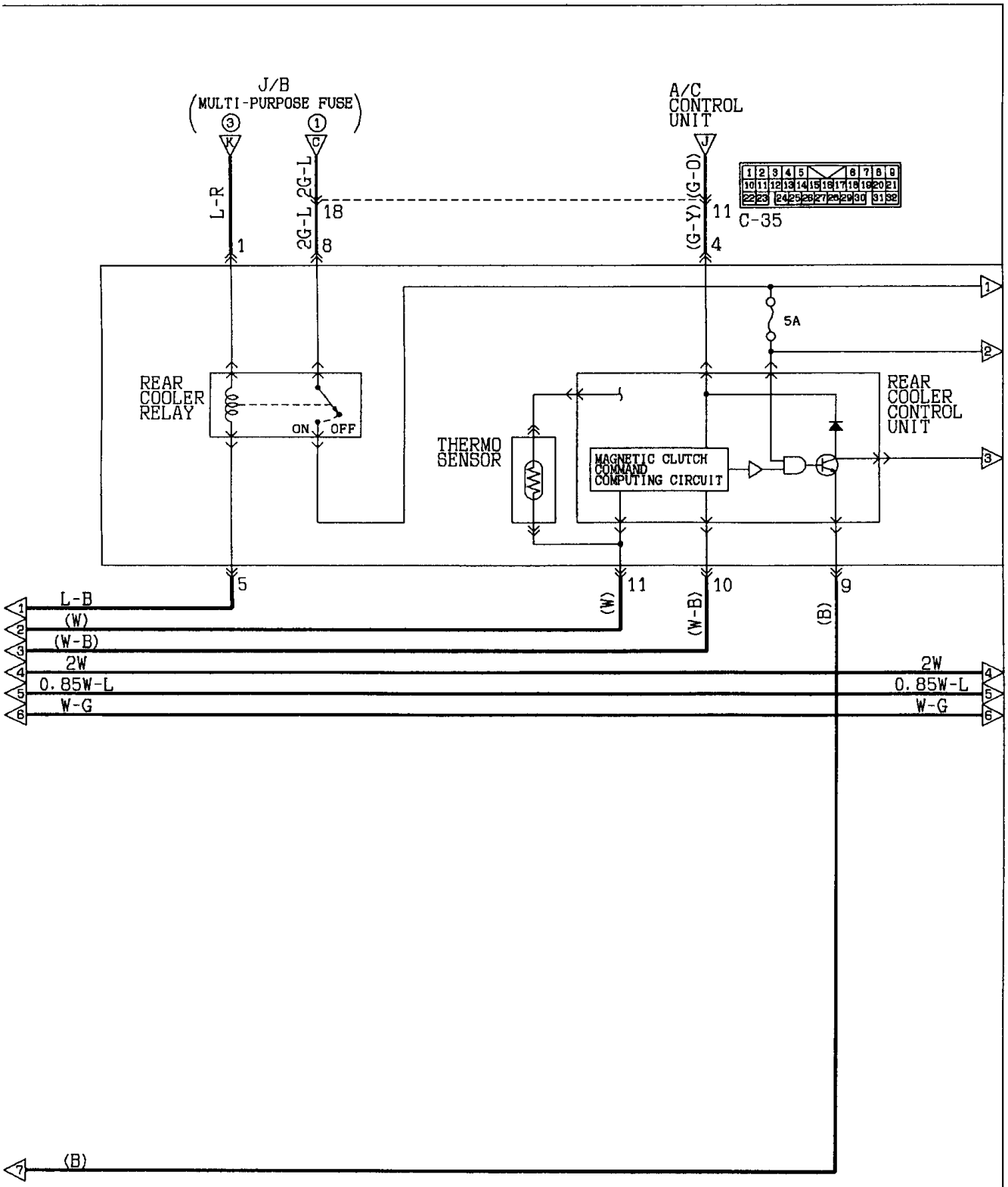


Remarks
(1) *1:Vehicles without immobilizer system.
(2) *2:Vehicles with immobilizer system.


BLOWER CONTROL ILLUMINATION LAMP
DEDICATED FUSE⑤
J/B (MULTI-PURPOSE FUSE③)
DEDICATED FUSE⑤
J/B (MULTI-PURPOSE FUSE③)
REAR HEATER RELAY
C-35
PROGRAM SWITCH
COOLER
HEATER
D-13
REAR BLOWER MAIN SWITCH
D-17
ILL
IND
OFF
ON
REAR BLOWER MAIN SWITCH
OFF
ON
· DEFOGGER AND DOOR MIRROR HEATER
· TURN-SIGNAL LAMP AND HAZARD LAMP
J/C (3)
C-77
METER AND GAUGE
*1· CIGARETTE LIGHTER
· ELC-4A/T
· HEATED SEAT
· REAR DIFFERENTIAL LOCK SYSTEM
*2· CIGARETTE LIGHTER
· ELC-4A/T
· HEATED SEAT
· REAR DIFFERENTIAL LOCK SYSTEM
15
16

DUAL AIR CONDITIONER
(R.H. drive vehicles with rear heater (petrol-powered vehicles)) (CONTINUED)

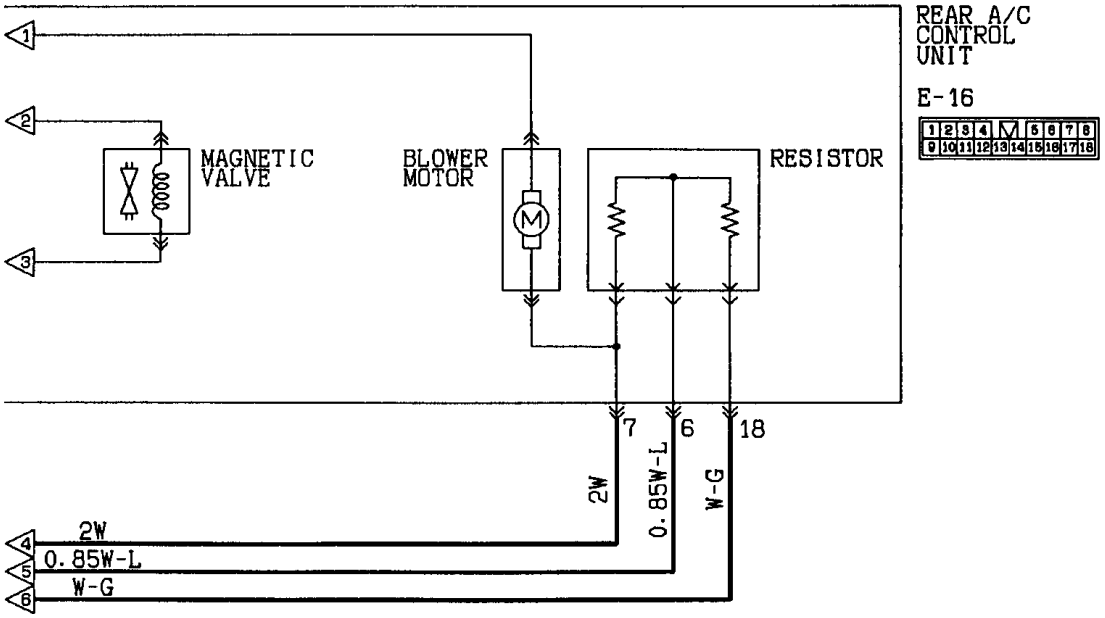




Wire colour code

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
(R.H. drive vehicles with rear heater (petrol-powered vehicles)) (CONTINUED)



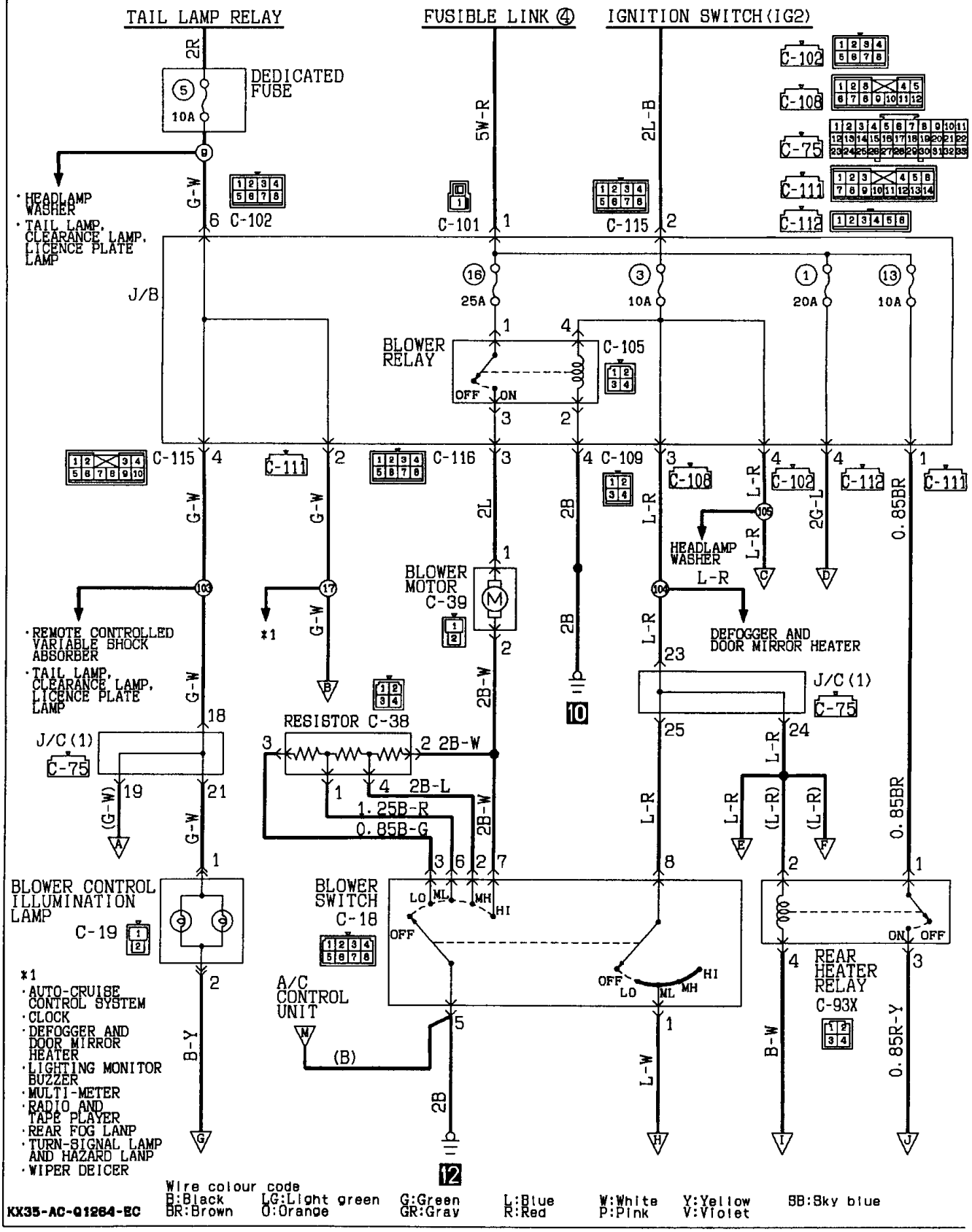
Wire colour code

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	

NOTES

DUAL AIR CONDITIONER

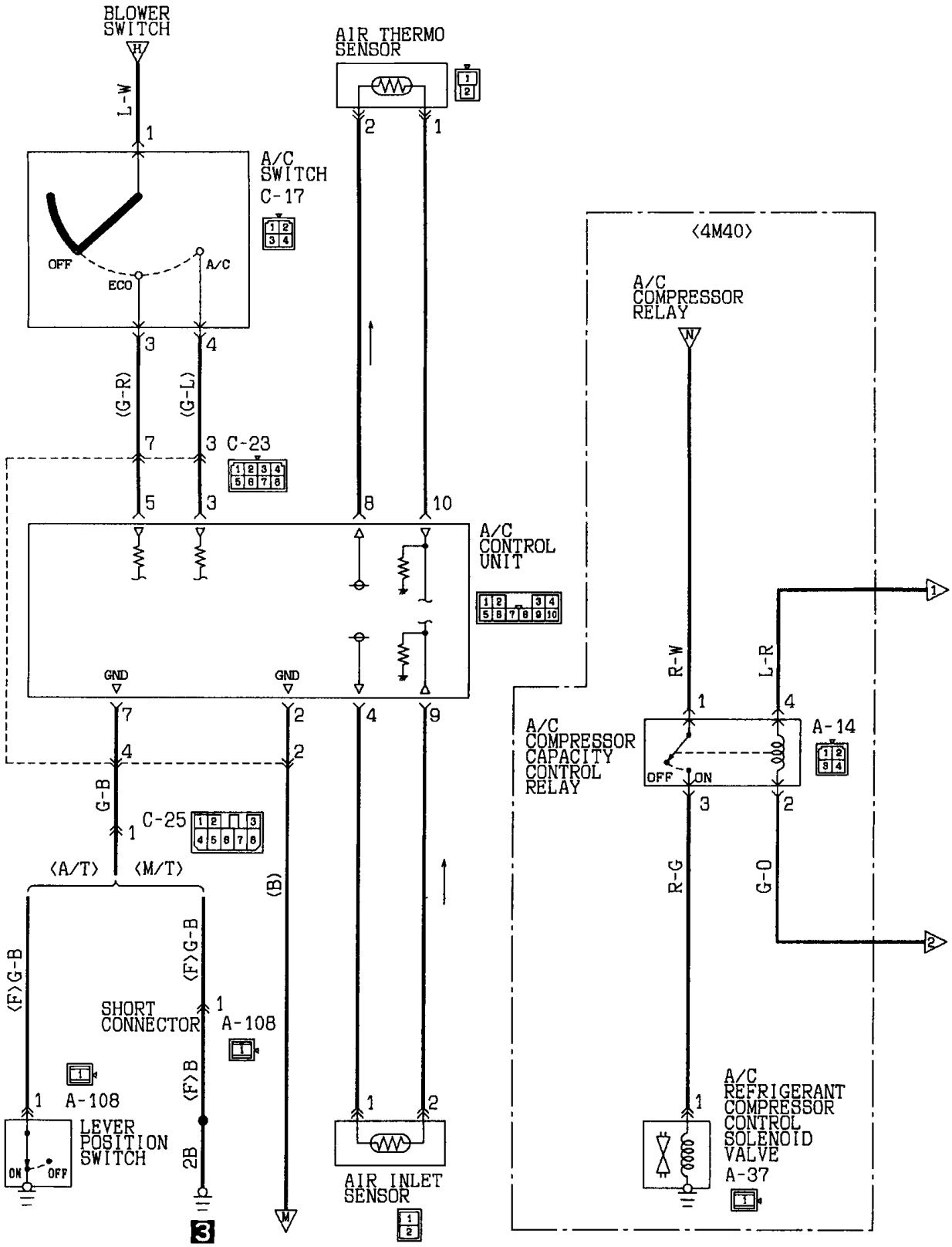
R.H. drive vehicles with rear heater <diesel-powered vehicles>



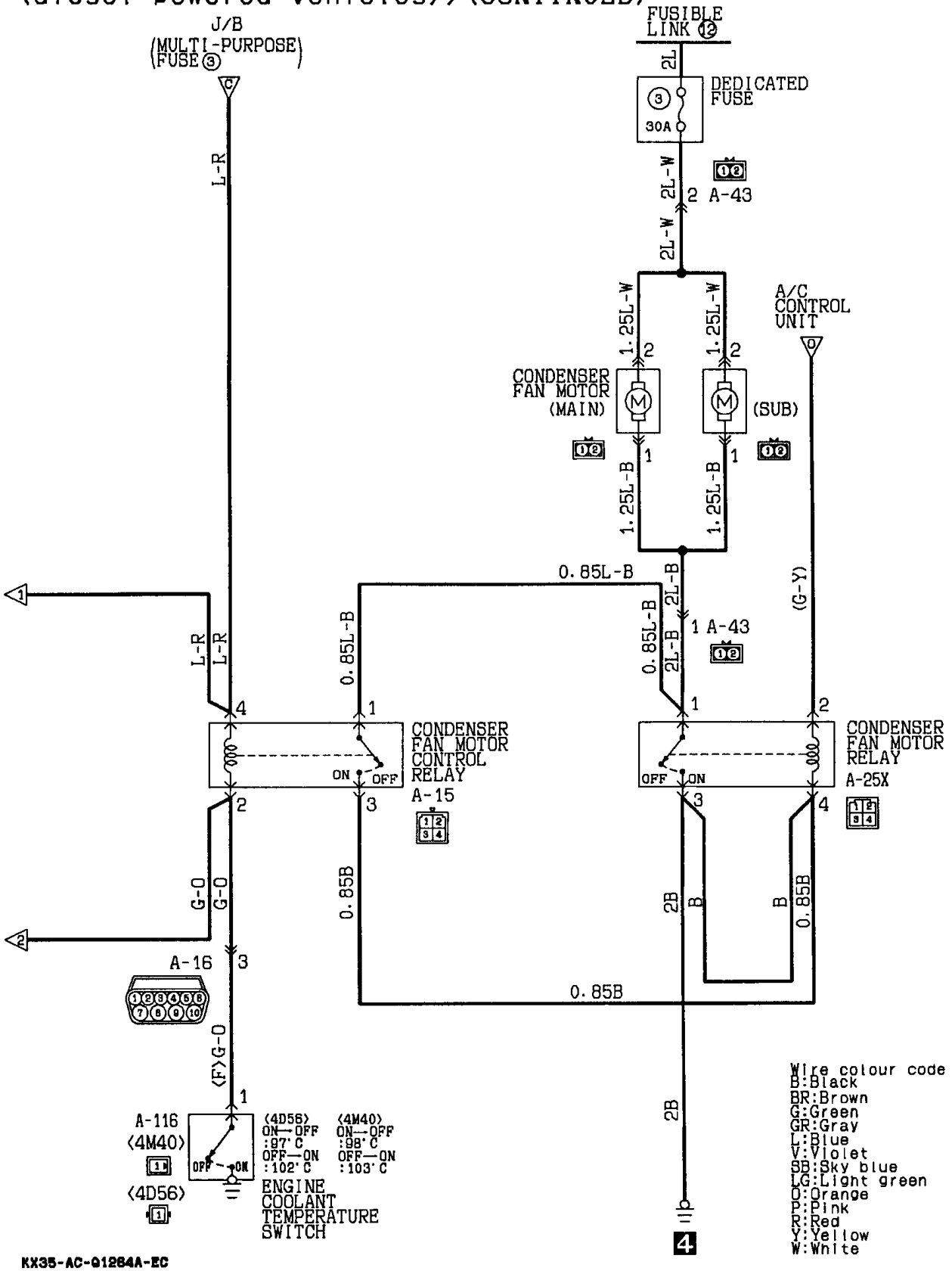
Wire colour code

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		

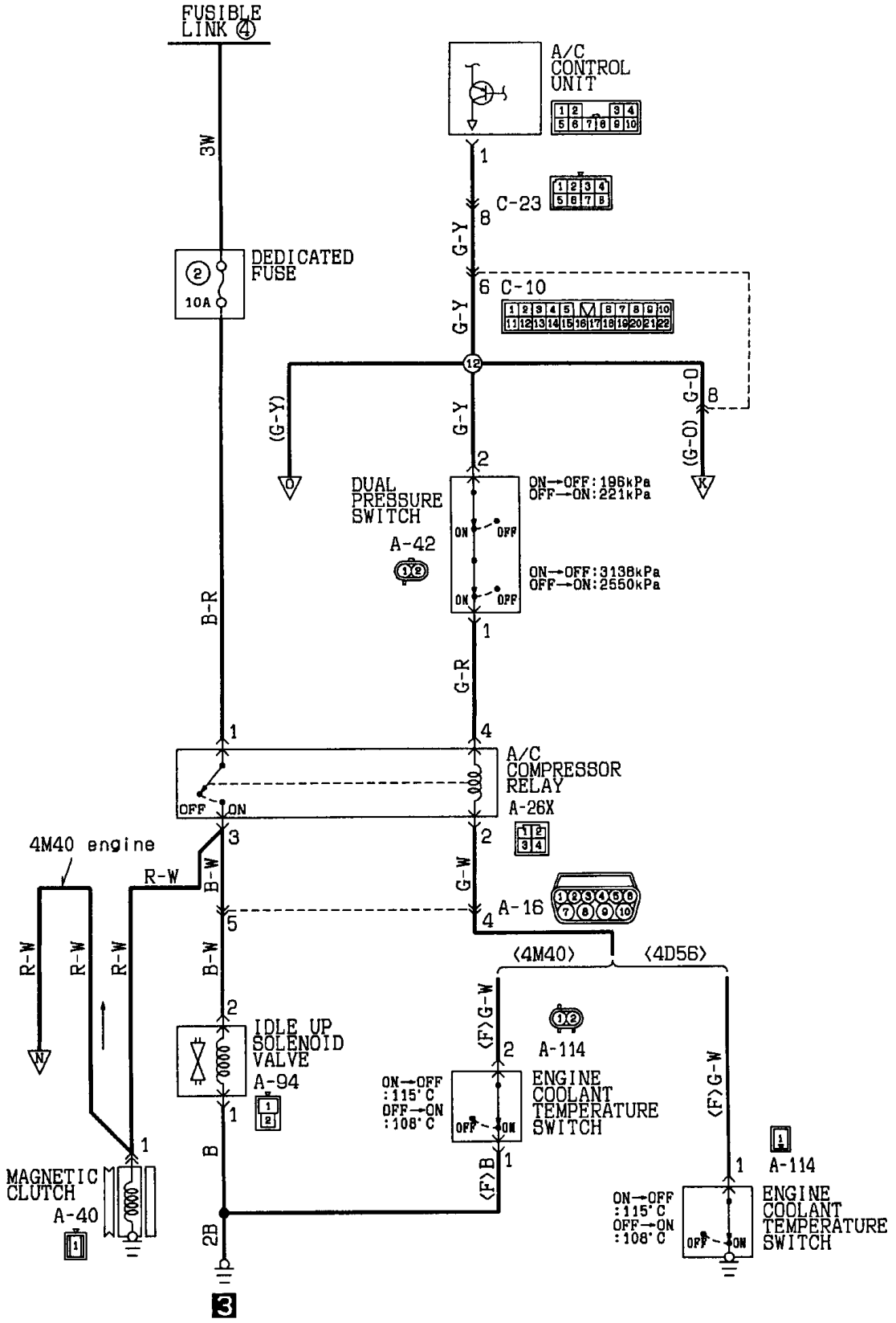
KX35-AC-01264-EC


BLOWER SWITCH
H
L-W
1
A/C SWITCH
C-17
OFF
ECO
A/C
3
4
(G-R)
(G-L)
7
3
C-23
5
3
AIR THERMO SENSOR
2
1
8
10
A/C CONTROL UNIT
GND
GND
7
2
4
9
4
2
G-B
1
C-25
(A/T)
(M/T)
(B)
(F)G-B
(F)G-B
SHORT CONNECTOR
1
A-108
(F)B
1
A-108
LEVER POSITION SWITCH
ON
OFF
2B
3
AIR INLET SENSOR
1
2
(4M40)
A/C COMPRESSOR RELAY
W
R-W
L-R
1
4
A/C COMPRESSOR CAPACITY CONTROL RELAY
OFF
ON
A-14
3
2
R-G
G-O
1
2
A/C REFRIGERANT COMPRESSOR CONTROL SOLENOID VALVE
A-37

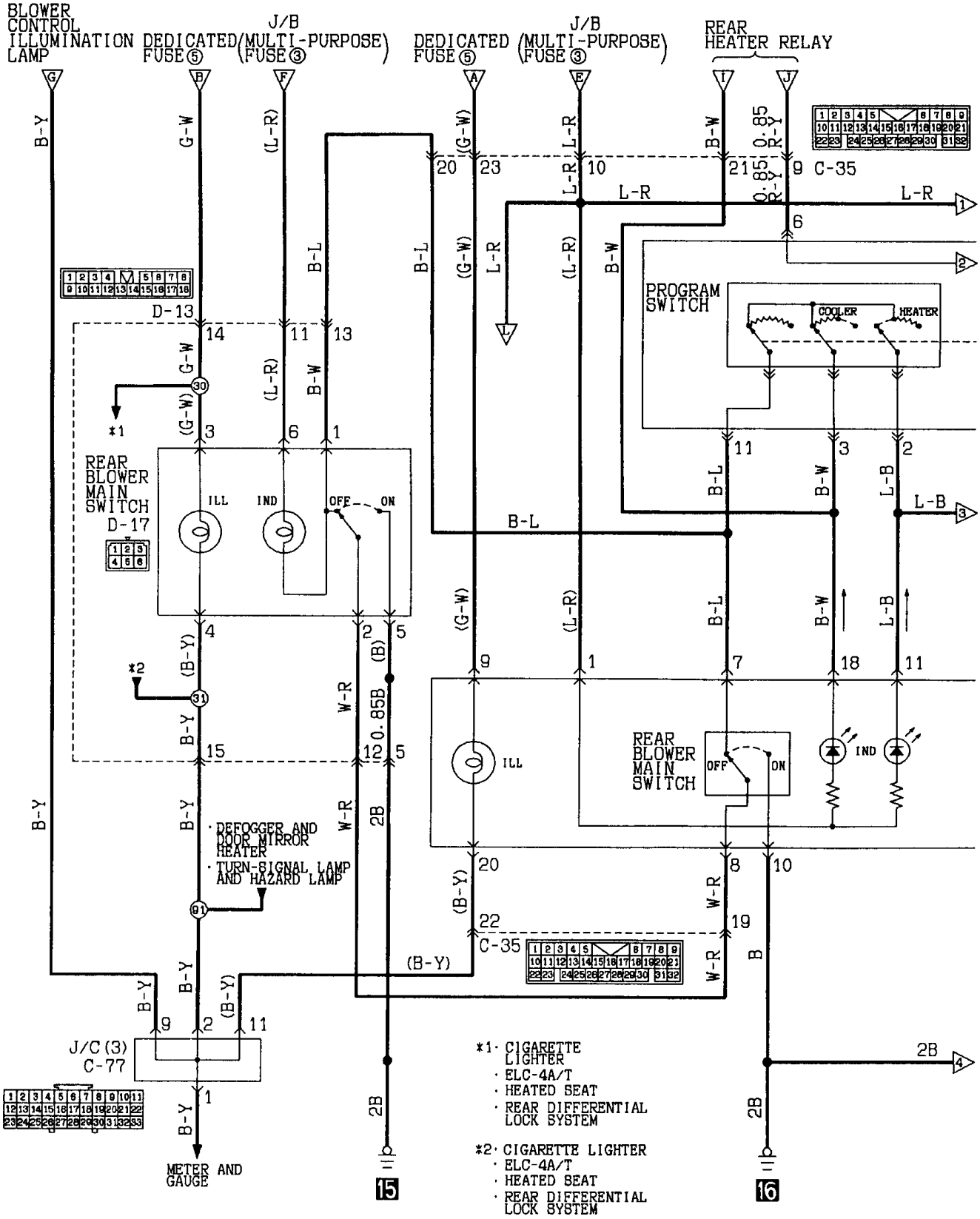
DUAL AIR CONDITONER
<R.H.drive vehicles with rear heater (diesel-powered vehicles)> (CONTINUED)



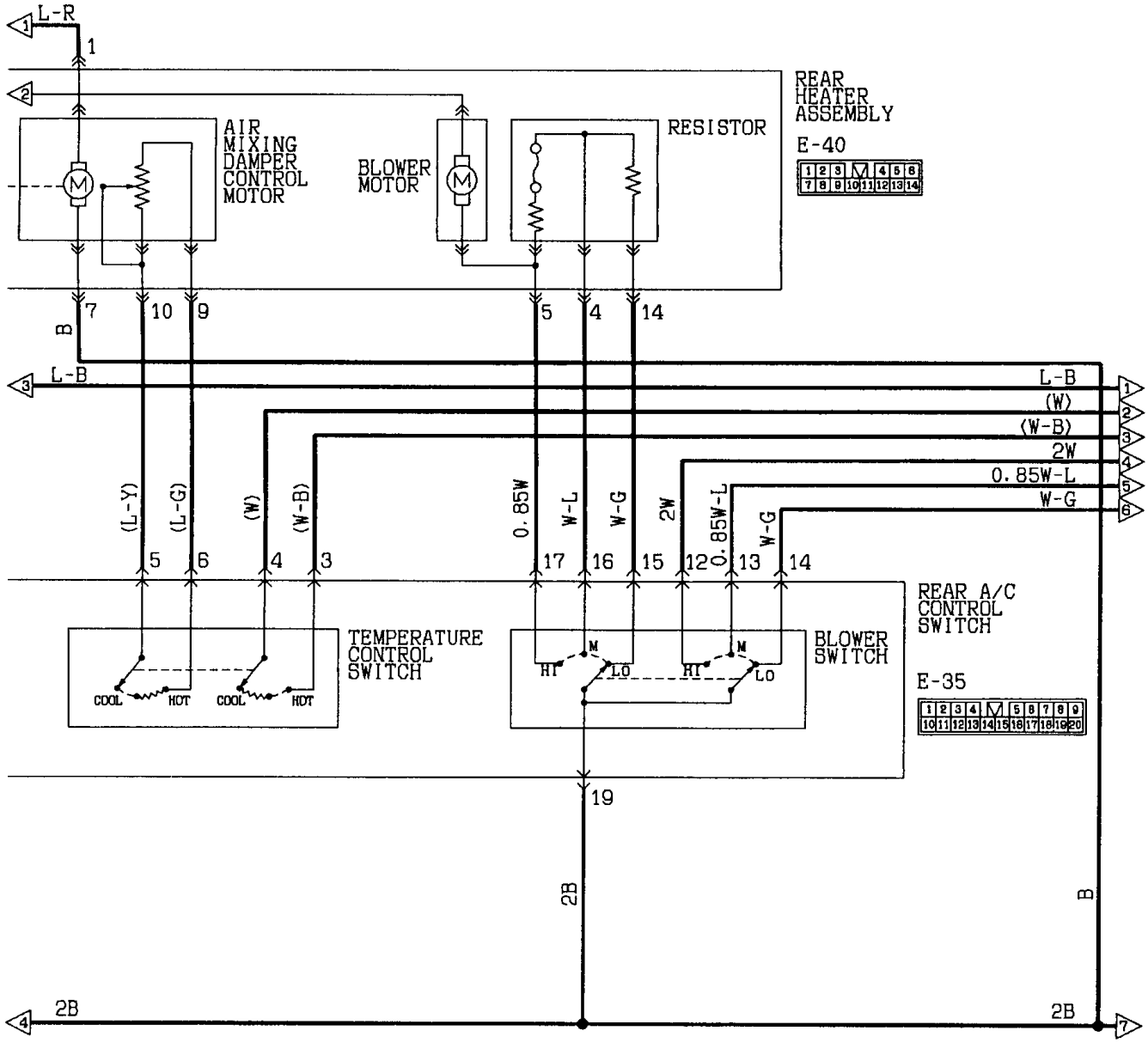
KX35-AC-01264A-EC


FUSIBLE LINK ④
3W
DEDICATED FUSE
② 10A
A/C CONTROL UNIT
C-23
G-Y
C-10
(G-Y)
G-O
DUAL PRESSURE SWITCH
A-42
ON→OFF:196kPa
OFF→ON:221kPa
ON→OFF:3136kPa
OFF→ON:2550kPa
B-R
G-R
A/C COMPRESSOR RELAY
A-26X
OFF
ON
4M40 engine
R-W
B-W
G-W
A-16
⟨4M40⟩
⟨4D56⟩
⟨F⟩G-W
A-114
ENGINE COOLANT TEMPERATURE SWITCH
ON→OFF :115°C
OFF→ON :108°C
IDLE UP SOLENOID VALVE
A-94
B
⟨F⟩B
MAGNETIC CLUTCH
A-40
2B
3

DUAL AIR CONDITIONER
〈R.H. drive vehicles with rear heater (diesel-powered vehicles)〉(CONTINUED)



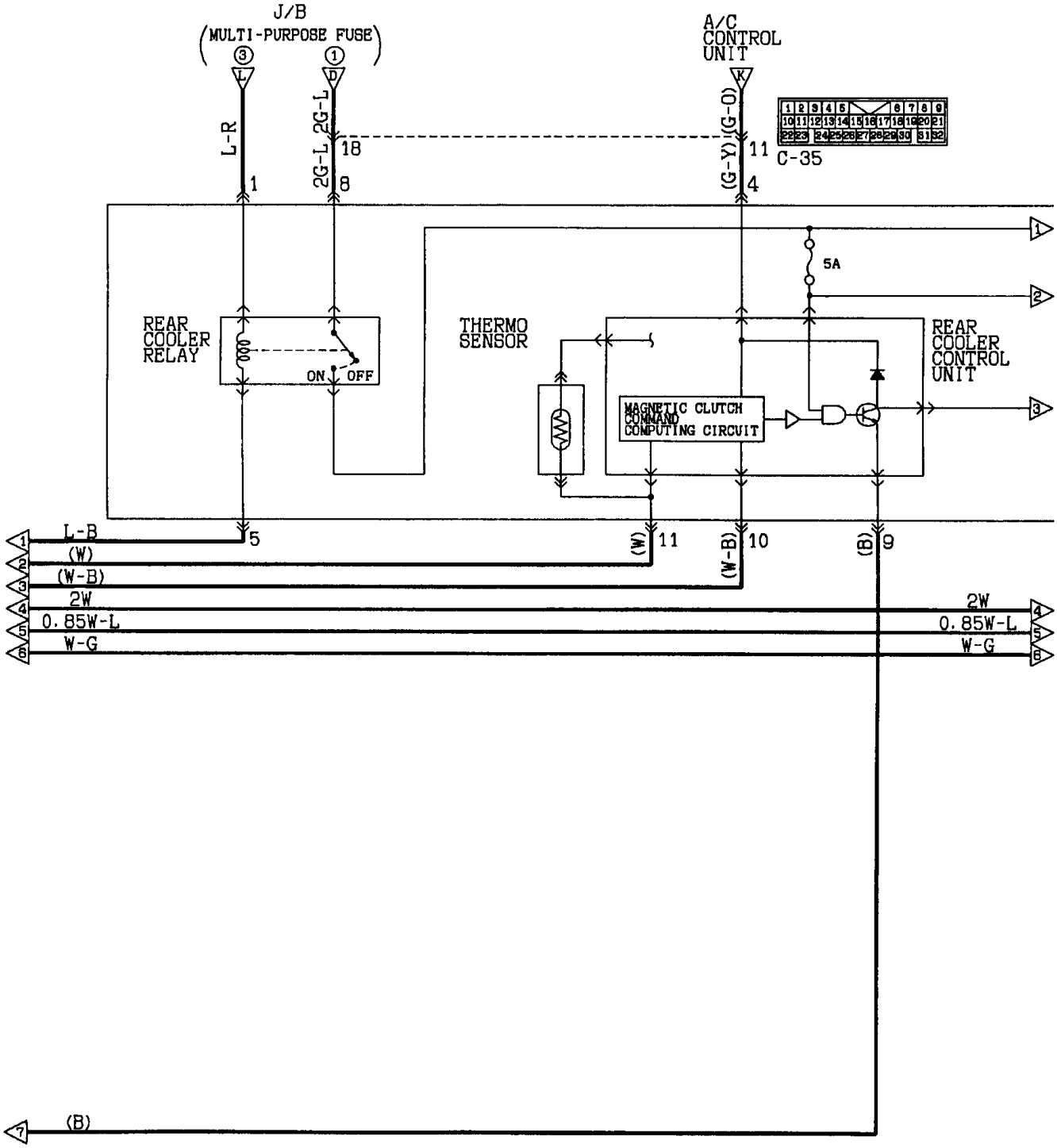
KX35-AC-01264B-EC

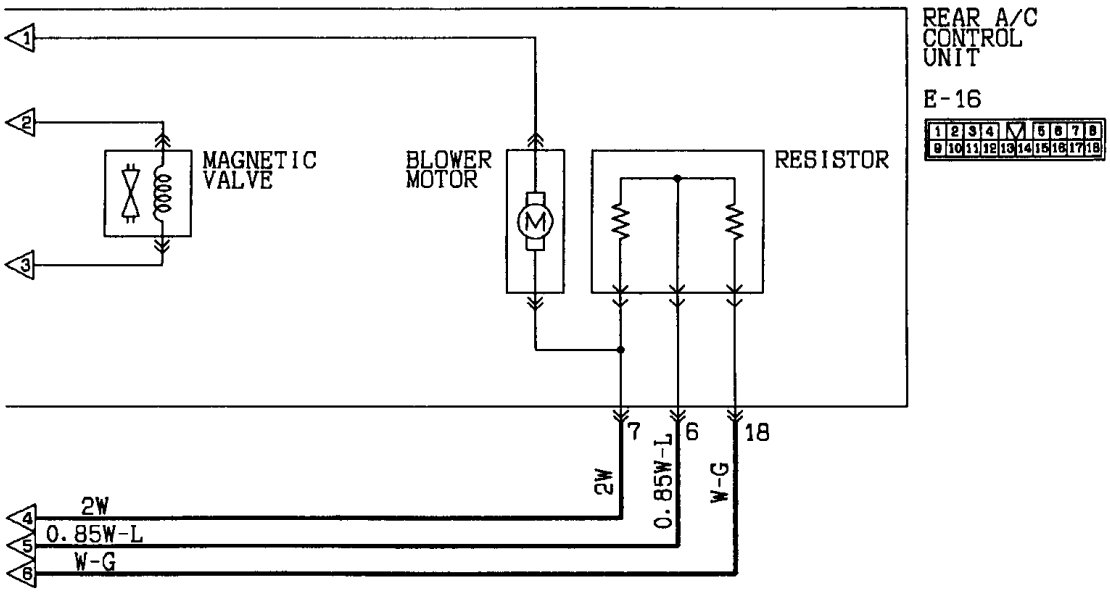


Wire colour code

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
〈R.H.drive vehicles with rear heater (diesel-powered vehicles)〉(CONTINUED)

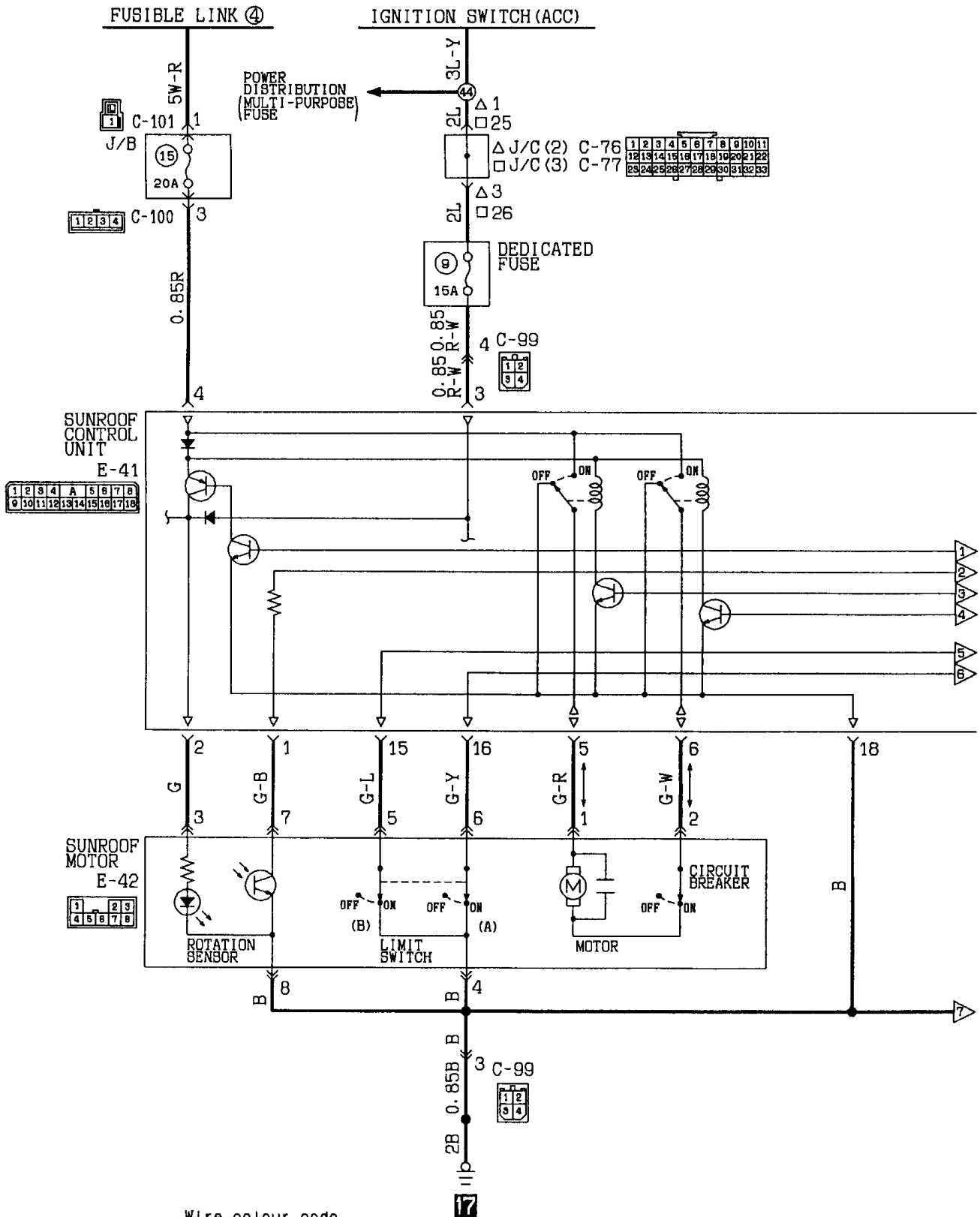




Wire colour code

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	

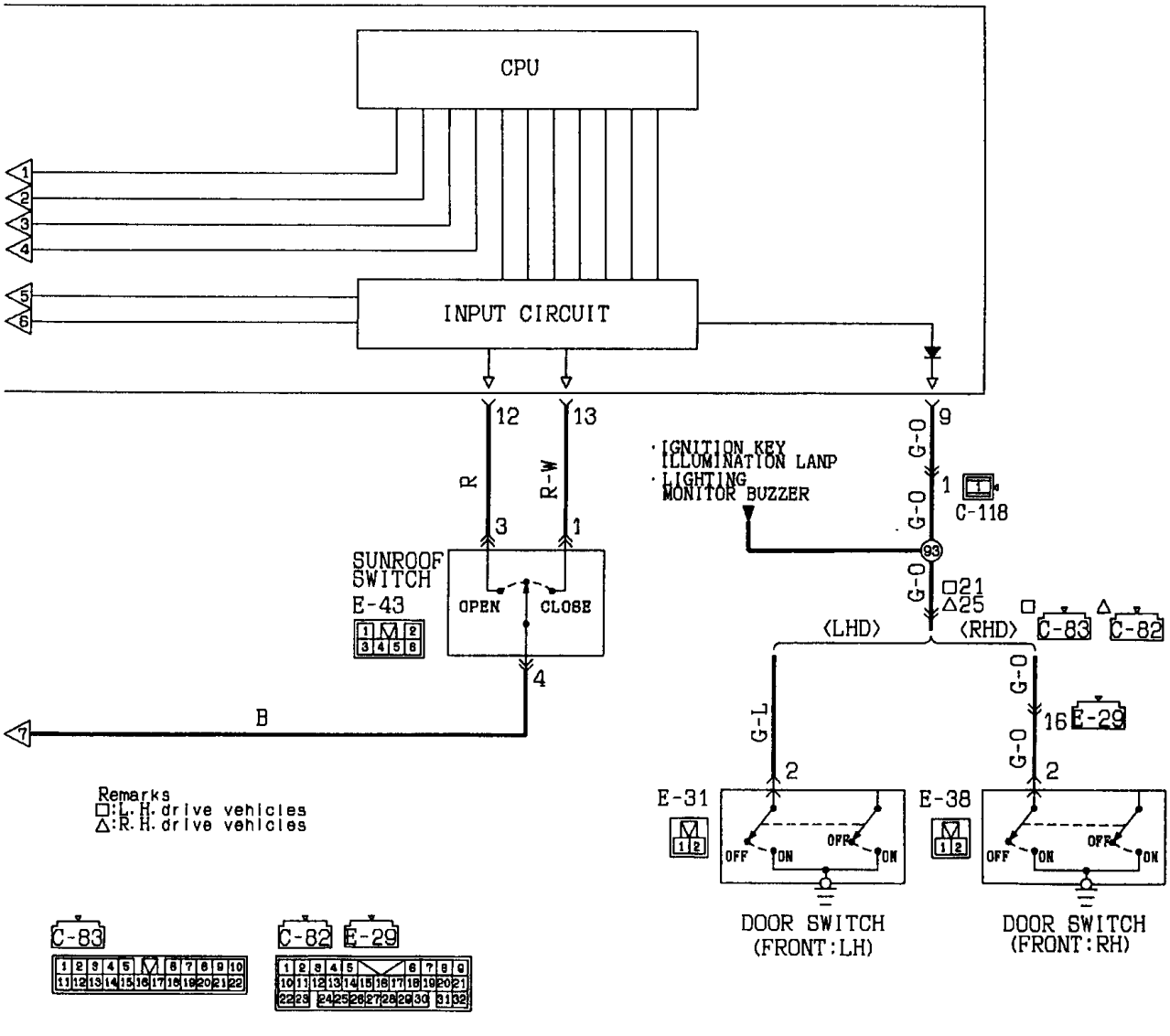
SUNROOF
2-door models



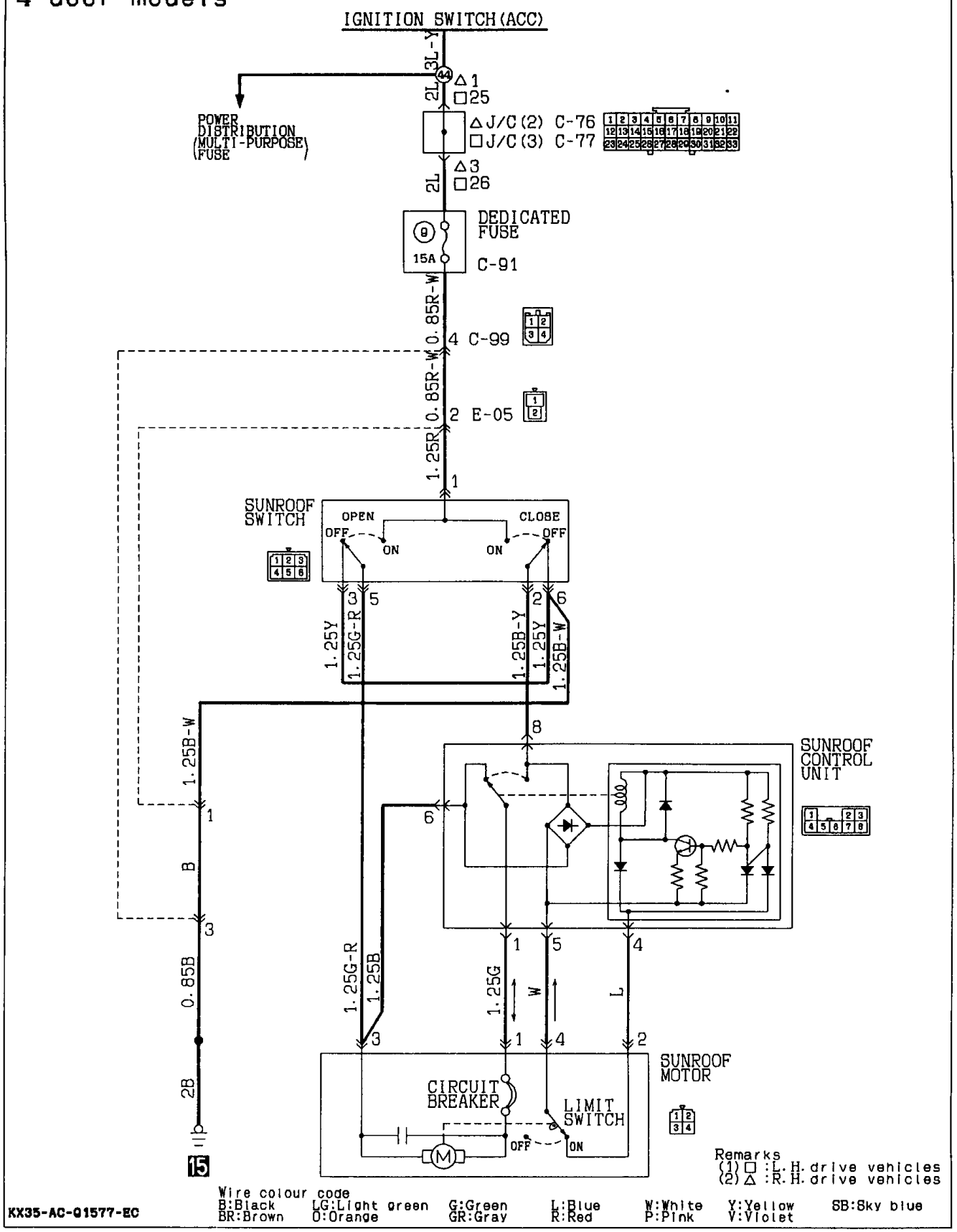
Wire colour code

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		

KX35-AC-01578-EC


CPU
INPUT CIRCUIT
12
13
R
R-W
3
1
SUNROOF SWITCH
E-43
OPEN
CLOSE
4
B
7
· IGNITION KEY ILLUMINATION LAMP
· LIGHTING MONITOR BUZZER
9
G-O
1
C-118
93
□21
△25
〈LHD〉
〈RHD〉
C-83
C-82
G-L
G-O
16
E-29
2
E-31
E-38
OFF
ON
DOOR SWITCH (FRONT:LH)
DOOR SWITCH (FRONT:RH)
Remarks
□:L.H.drive vehicles
△:R.H.drive vehicles
C-83
C-82
E-29

SUNROOF
4-door models

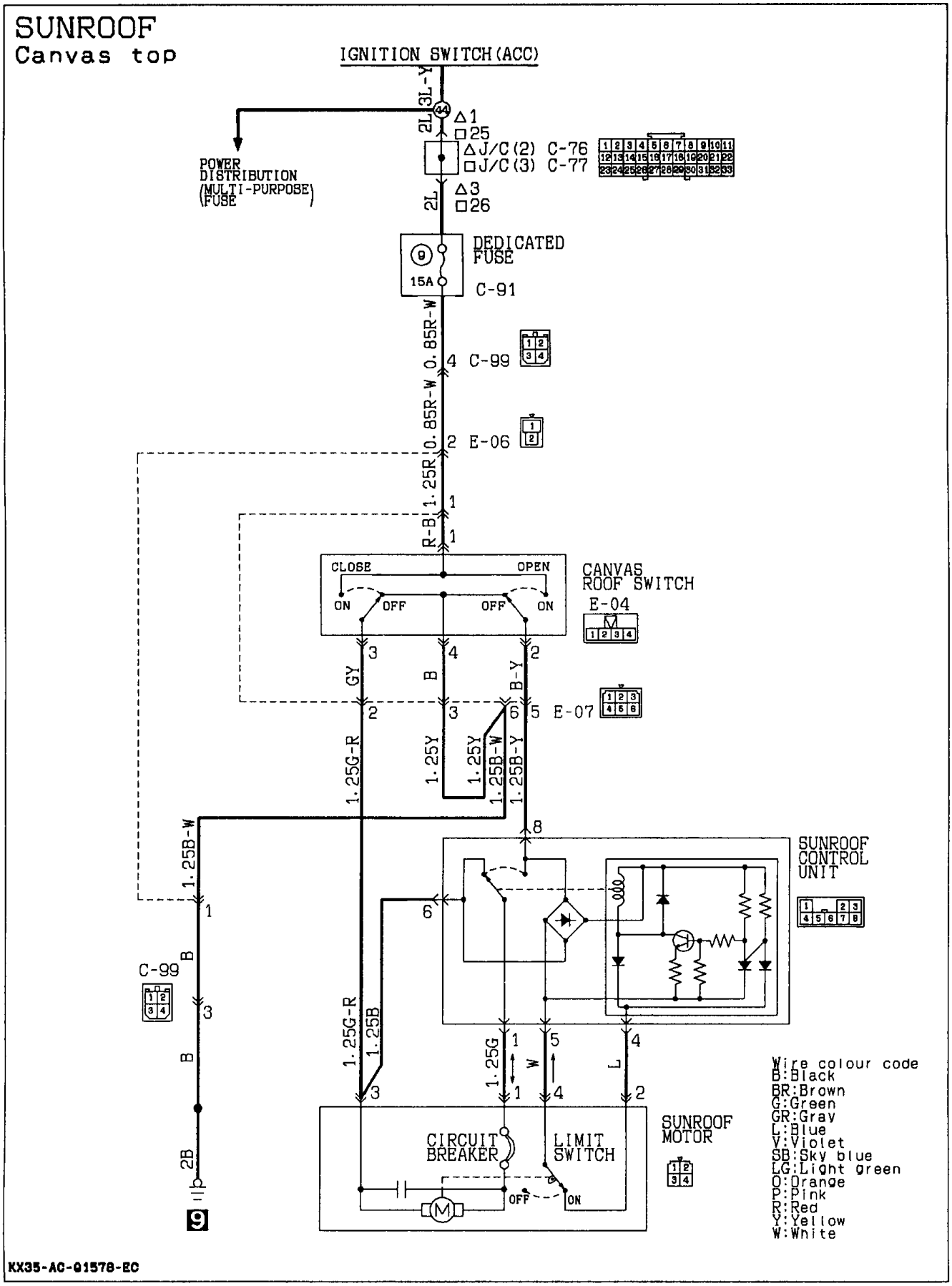


Remarks
(1) □ : L.H. drive vehicles
(2) △ : R.H. drive vehicles

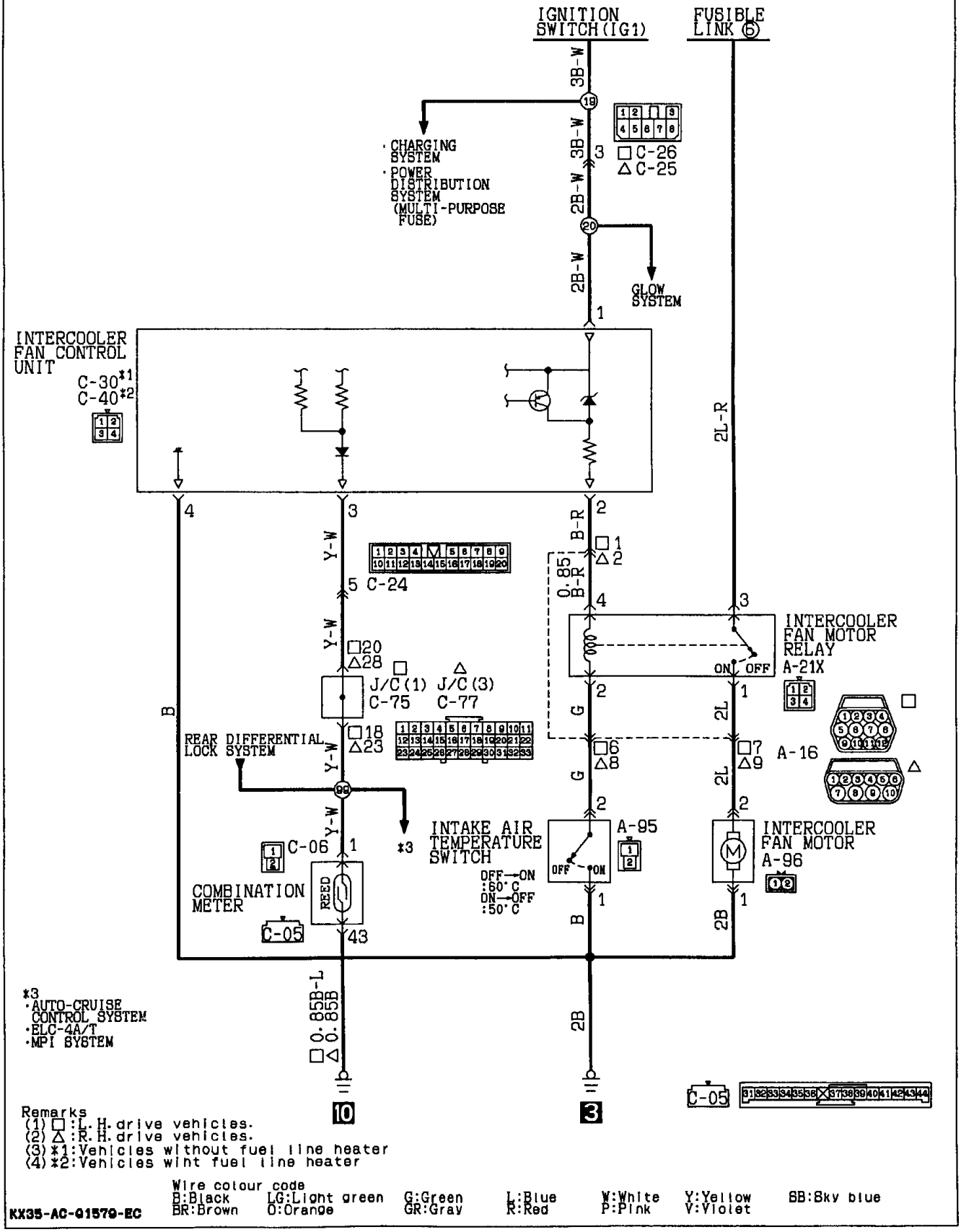
Wire colour code

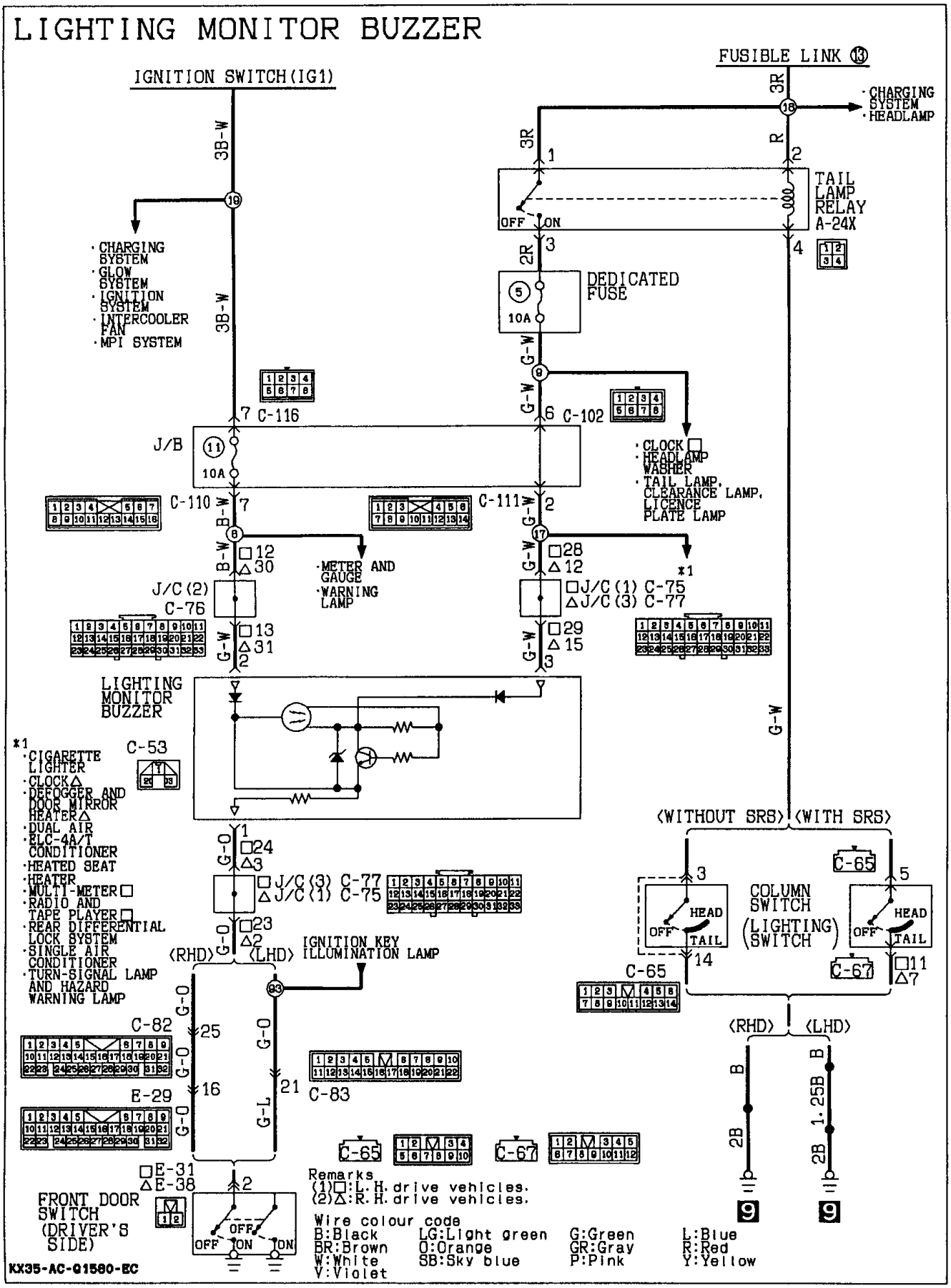
B:Black	LG:Light green	G:Green	L:Blue	W:White	Y:Yellow	SB:Sky blue
BR:Brown	O:Orange	GR:Gray	R:Red	P:Pink	V:Violet	

KX35-AC-01577-EC

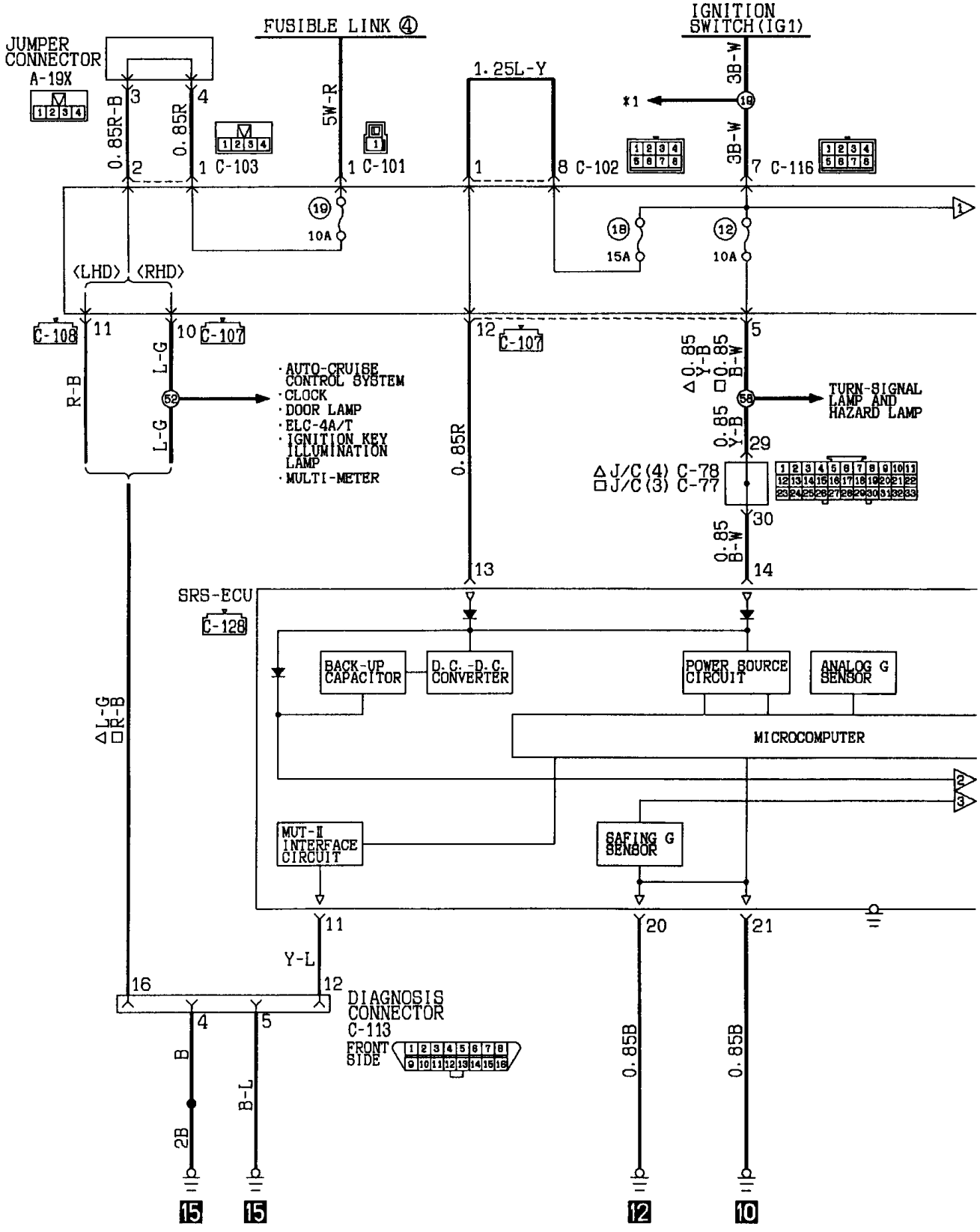

SUNROOF
Canvas top
IGNITION SWITCH(ACC)
3L-Y
2L
44
△1
□25
△J/C(2) C-76
□J/C(3) C-77
POWER DISTRIBUTION (MULTI-PURPOSE) FUSE
2L
△3
□26
9
15A
DEDICATED FUSE
C-91
0.85R-W
4 C-99
0.85R-W
2 E-06
1.25R
1
R-B
1
CLOSE
OPEN
ON
OFF
OFF
ON
CANVAS ROOF SWITCH
E-04
3
4
2
GY
B
B-Y
2
3
6
5 E-07
1.25G-R
1.25Y
1.25Y
1.25B-W
1.25B-Y
8
SUNROOF CONTROL UNIT
1.25B-W
1
6
C-99
B
3
B
2B
9
1.25G-R
1.25B
1.25G
1
W
5
L
4
3
1
4
2
CIRCUIT BREAKER
LIMIT SWITCH
OFF
ON
SUNROOF MOTOR
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
KX35-AC-01578-EC

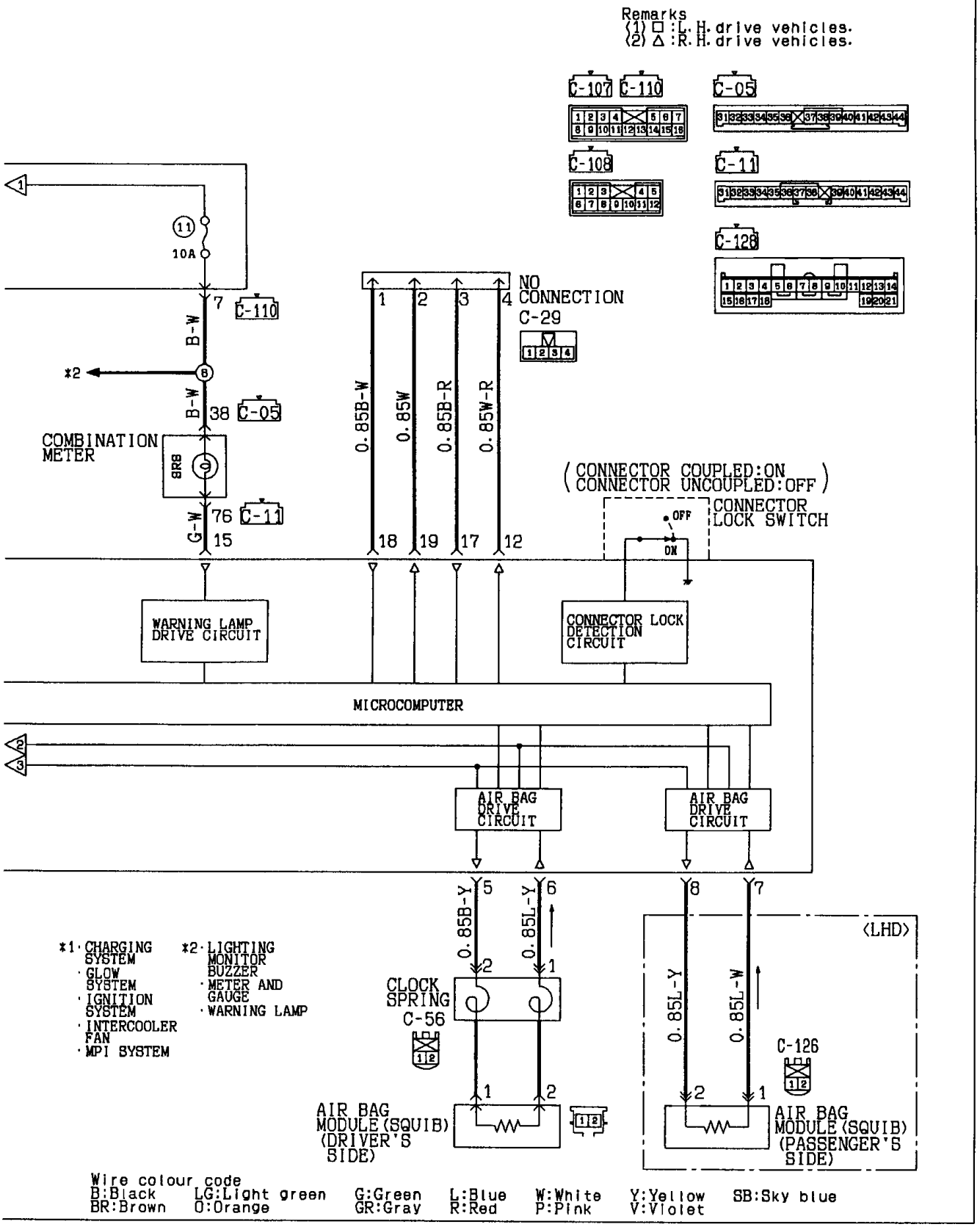
INTERCOOLER FAN



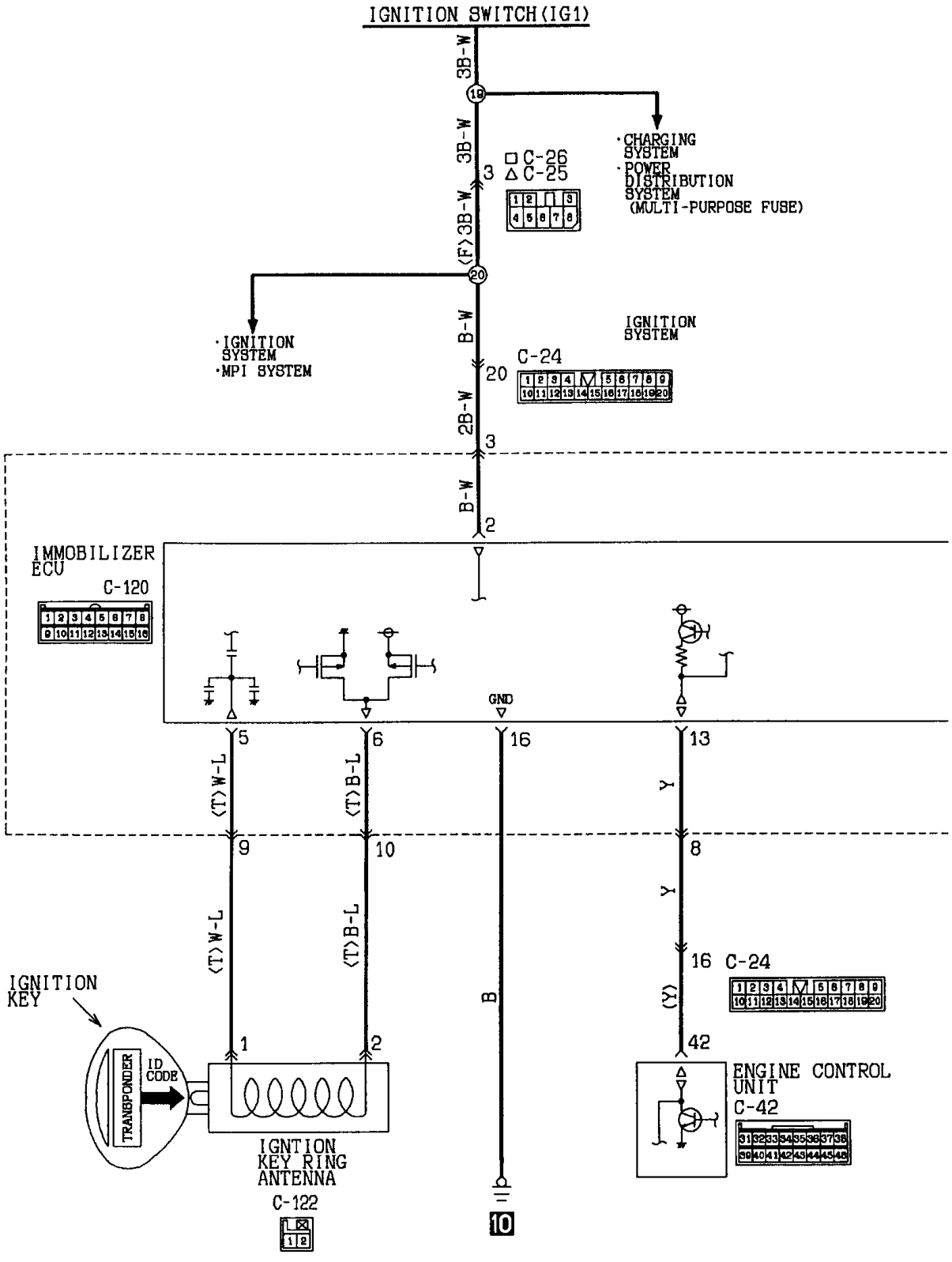

LIGHTING MONITOR BUZZER
IGNITION SWITCH(IG1)
FUSIBLE LINK ⑬
3R
·CHARGING SYSTEM
·HEADLAMP
3B-W
R
TAIL LAMP RELAY A-24X
OFF ON
2R
DEDICATED FUSE
10A
·CHARGING SYSTEM
·GLOW SYSTEM
·IGNITION SYSTEM
·INTERCOOLER FAN
·MPI SYSTEM
G-W
C-116
C-102
J/B
C-110
C-111
·CLOCK
·HEADLAMP WASHER
·TAIL LAMP, CLEARANCE LAMP, LICENCE PLATE LAMP
B-W
·METER AND GAUGE
·WARNING LAMP
J/C(2) C-76
J/C(1) C-75
J/C(3) C-77
LIGHTING MONITOR BUZZER
C-53
·CIGARETTE LIGHTER
·CLOCK△
·DEFOGGER AND DOOR MIRROR HEATER△
·DUAL AIR
·ELC-4A/T CONDITIONER
·HEATED SEAT
·HEATER
·MULTI-METER□
·RADIO AND TAPE PLAYER□
·REAR DIFFERENTIAL LOCK SYSTEM
·SINGLE AIR CONDITIONER
·TURN-SIGNAL LAMP AND HAZARD WARNING LAMP
G-O
(RHD)
(LHD)
IGNITION KEY ILLUMINATION LAMP
C-82
C-83
E-29
C-65
C-67
□E-31
△E-38
FRONT DOOR SWITCH (DRIVER'S SIDE)
OFF ON ON
(WITHOUT SRS)
(WITH SRS)
COLUMN SWITCH (LIGHTING SWITCH)
HEAD
TAIL
B
2B
1.25B
Remarks
(1)□:L.H. drive vehicles.
(2)△:R.H. drive vehicles.
Wire colour code
B:Black
BR:Brown
W:White
V:Violet
LG:Light green
O:Orange
SB:Sky blue
G:Green
GR:Gray
P:Pink
L:Blue
R:Red
Y:Yellow
KX35-AC-01580-EC

SUPPLEMENTAL RESTRAINT SYSTEM



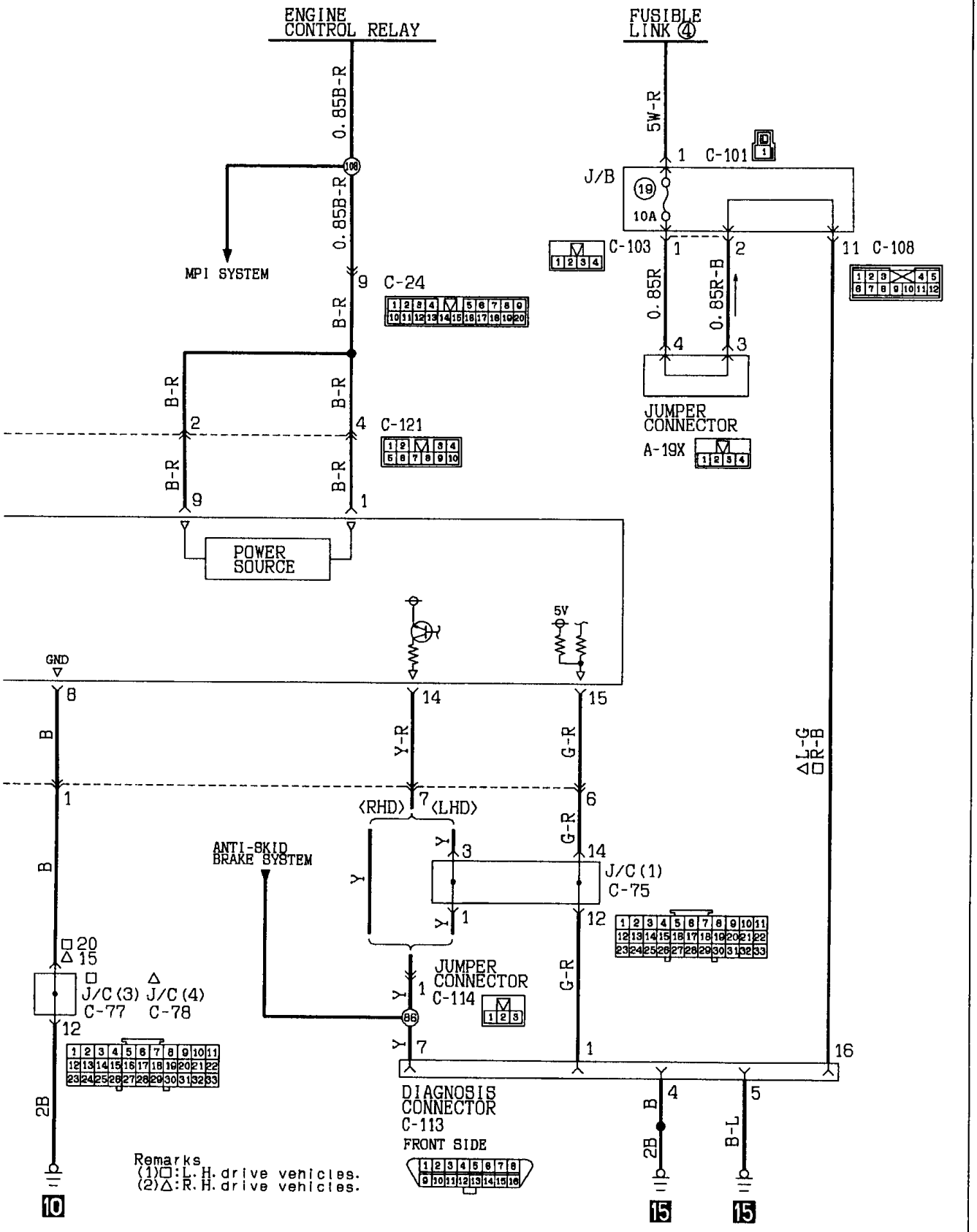

Remarks
(1) □ : L. H. drive vehicles.
(2) △ : R. H. drive vehicles.
C-107
C-110
C-05
C-108
C-11
C-126
10A
7
C-110
B-W
*2
B-W
38
C-05
COMBINATION METER
8R8
G-W
76
C-11
15
NO CONNECTION
C-29
1
2
3
4
0.85B-W
0.85W
0.85B-R
0.85W-R
18
19
17
12
(CONNECTOR COUPLED:ON
CONNECTOR UNCOUPLED:OFF)
CONNECTOR LOCK SWITCH
OFF
ON
WARNING LAMP DRIVE CIRCUIT
CONNECTOR LOCK DETECTION CIRCUIT
MICROCOMPUTER
AIR BAG DRIVE CIRCUIT
AIR BAG DRIVE CIRCUIT
0.85B-Y
0.85L-Y
5
6
8
7
2
1
CLOCK SPRING
C-56
0.85L-Y
0.85L-W
(LHD)
C-126
AIR BAG MODULE (SQUIB) (DRIVER'S SIDE)
AIR BAG MODULE (SQUIB) (PASSENGER'S SIDE)
*1 · CHARGING SYSTEM
· GLOW SYSTEM
· IGNITION SYSTEM
· INTERCOOLER FAN
· MPI SYSTEM
*2 · LIGHTING
MONITOR BUZZER
· METER AND GAUGE
· WARNING 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

IMMOBILIZER SYSTEM
Petrol-powered Vehicles

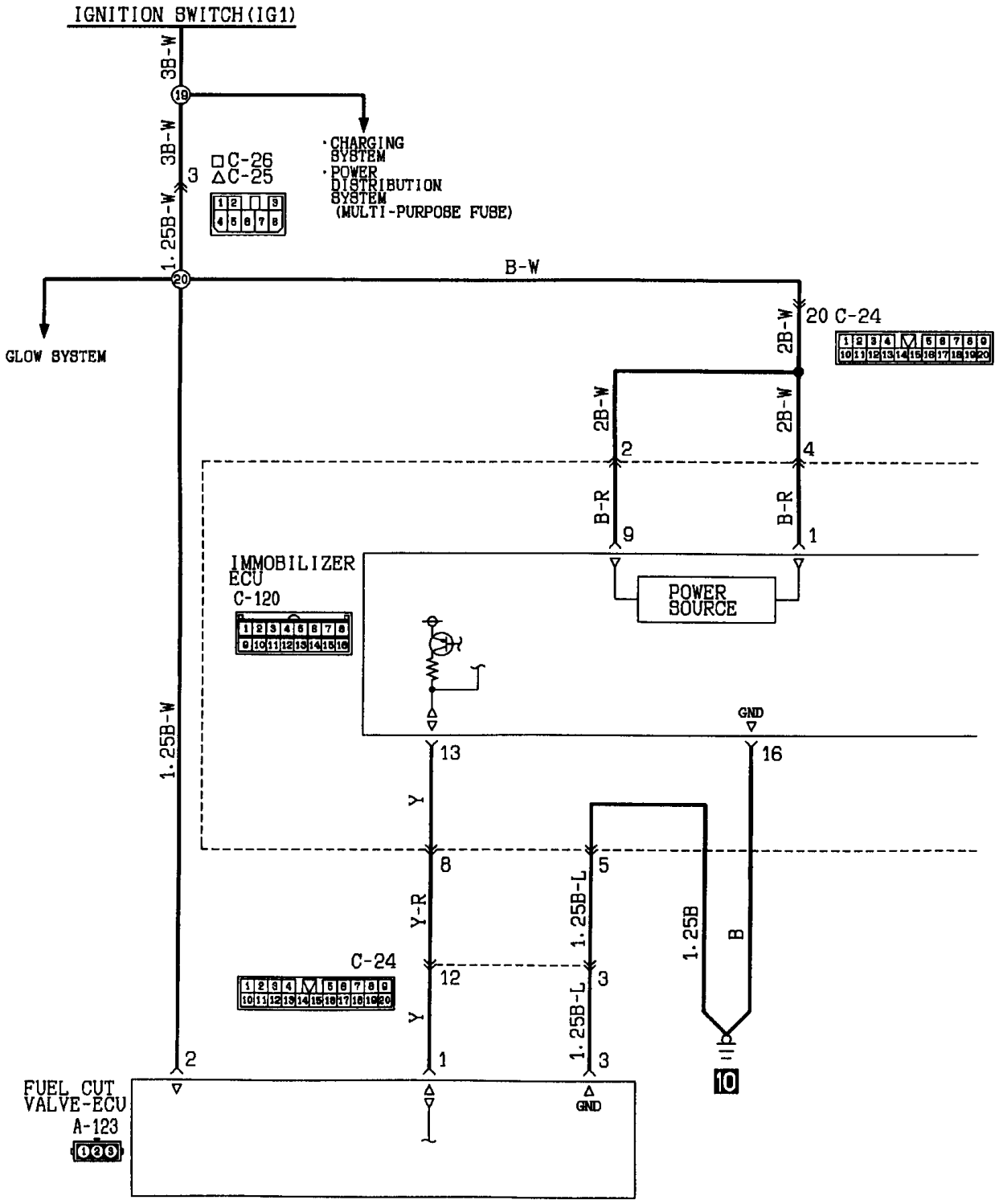


Wire colour code
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

KX35-AC-01582-EC

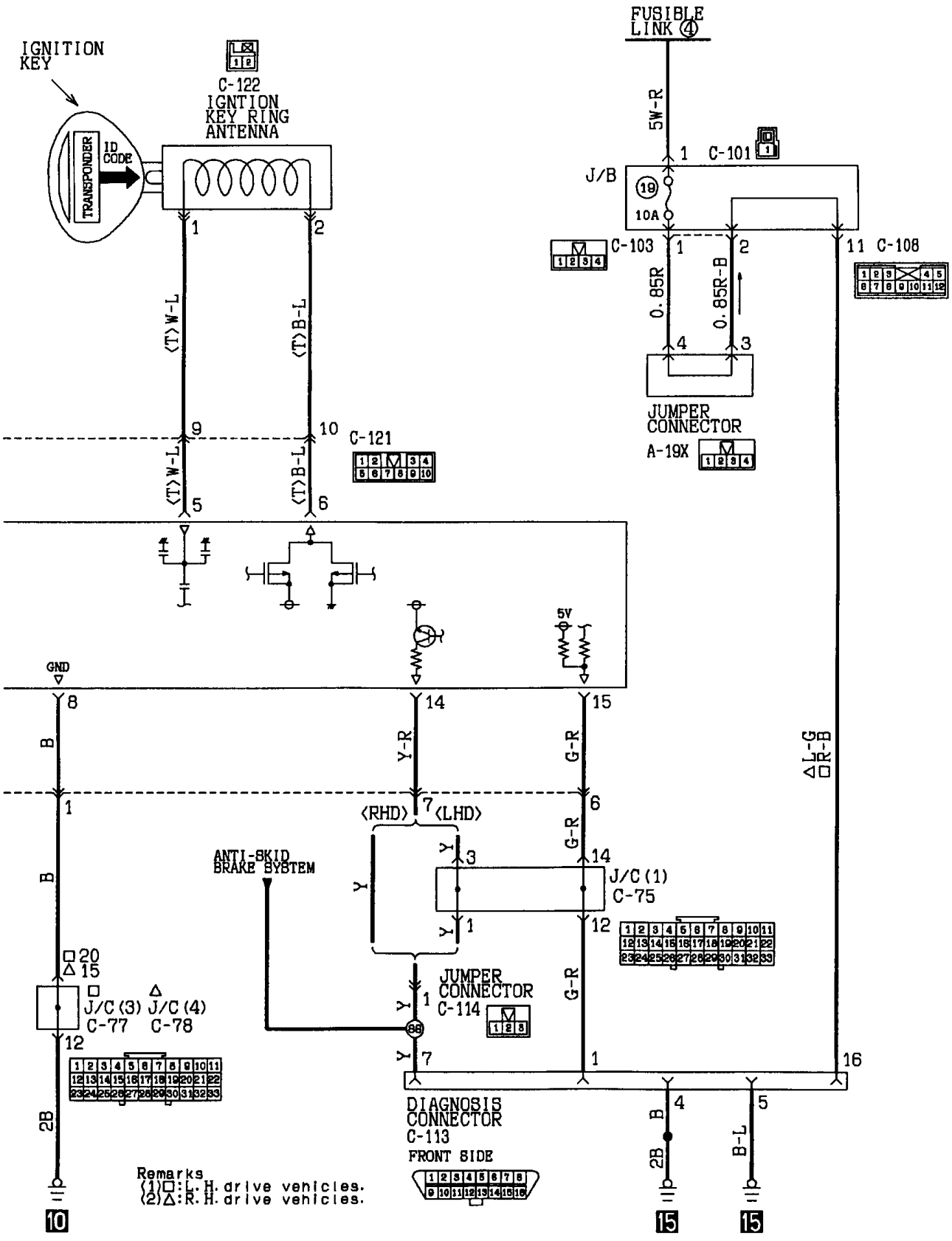

ENGINE CONTROL RELAY
FUSIBLE LINK ④
0.85B-R
5W-R
MPI SYSTEM
C-24
C-101
J/B
19
10A
C-103
C-108
0.85R
0.85R-B
JUMPER CONNECTOR
A-19X
C-121
POWER SOURCE
5V
GND
B
Y-R
G-R
L-G
R-B
(RHD)
(LHD)
ANTI-SKID BRAKE SYSTEM
J/C (1)
C-75
JUMPER CONNECTOR
C-114
J/C (3)
C-77
J/C (4)
C-78
DIAGNOSIS CONNECTOR
C-113
FRONT SIDE
2B
B-L
Remarks
(1)□: L. H. drive vehicles.
(2)△: R. H. drive vehicles.
10
15
15

IMMOBILIZER SYSTEM
Diesel-powered Vehicles



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

KX35-AC-01583-EC


IGNITION KEY
C-122
IGNTION KEY RING ANTENNA
TRANSPONDER
ID CODE
FUSIBLE LINK ④
5W-R
1
C-101
J/B
19
10A
C-103
1
2
11
C-108
0.85R
0.85R-B
4
3
JUMPER CONNECTOR
A-19X
⟨T⟩W-L
⟨T⟩B-L
9
10
C-121
5
6
5V
GND
8
14
15
B
Y-R
G-R
△L-G
□R-B
1
7
6
⟨RHD⟩
⟨LHD⟩
ANTI-SKID BRAKE SYSTEM
3
14
J/C (1)
C-75
12
20
15
J/C (3)
C-77
J/C (4)
C-78
JUMPER CONNECTOR
C-114
88
16
DIAGNOSIS CONNECTOR
C-113
FRONT SIDE
2B
4
5
B-L
Remarks
(1)□:L.H. drive vehicles.
(2)△:R.H. drive vehicles.
10
15
15