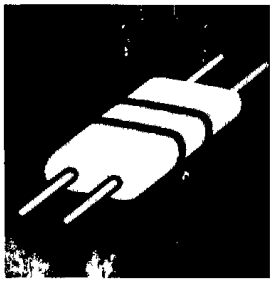
MITSUBISHI MOTORS

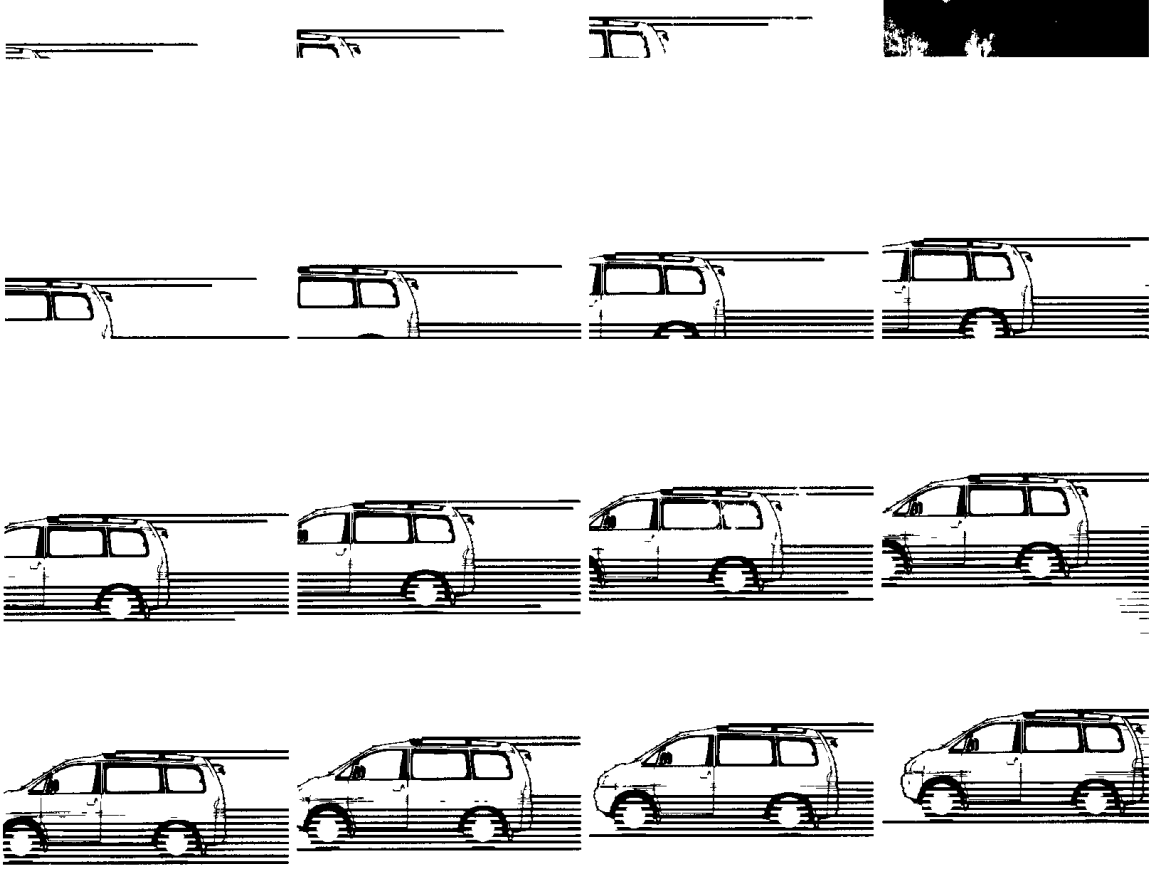
Workshop Manual

electrical wiring

SUPPLEMENT

MITSUBISHI L400 '97





Pub. No. PHWE9407-B

MITSUBISHI L400

ELECTRICAL WIRING

FOREWORD

This publication is a supplement to the Electrical Wiring Manual Pub. No. PHWE9407 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
PYWE9410

WORKSHOP MANUAL
CHASSIS GROUP PWWE9410
PWWE9410-A
PWWE9410-B
BODY REPAIR MANUAL
PBWE9404
ENGINE GROUP PWEE□□□□
(Looseleaf edition)

PARTS CATALOGUE B603A805A□

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

MITSUBISHI MOTORS CORPORATION

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GROUP INDEX

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

HOW TO USE THIS MANUAL

CONTENTS

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

PAGE NUMBERS

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

OPERATION AND TROUBLESHOOTING HINTS

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

OUTLINE OF CHANGES

CONTENTS

WIRING HARNESS CONFIGURATION DIAGRAMS 2
SINGLE PART INSTALLATION POSITION 2
CIRCUIT DIAGRAM 3
TABLE OF CIRCUIT DIAGRAMS 9

WIRING HARNESS CONFIGURATION DIAGRAMS

Wiring harness configuration diagrams				Description of changes
Connector symbol	Name		Reference page	
A	ENGINE COMPARTMENT	MPI <L.H. drive vehicles>	2-2	The front wiring harness arrangement has been changed.
		Diesel <L.H. drive vehicles>	–	The following connectors have been eliminated. • EGR solenoid valve 1 (A-120) • EGR solenoid valve 2 (A-121) • Lever (throttle) position sensor (A-124)
		R.H. drive vehicles with 6G74 engine	–	The following connectors have been eliminated. • Front impact sensor (LH) (A-28) • Front impact sensor (RH) (A-54)
C	DASH PANEL	L.H. drive vehicles	2-8	The following connectors have been added. • Engine control relay (C-18) • Fuel pump relay <petrol> (C-91) • ETACS-ECU (C-92) • SRS-ECU (C-34)
		R.H. drive vehicles	2-12	The following connectors have been added. • Engine control relay (C-18) • Fuel pump relay <petrol> (C-91) • ETACS-ECU (C-92) • SRS-ECU (C-34)
D	Instrument panel	L.H. drive vehicles	2-16	The following connectors have been added. • Diode <for room lamp circuit> (C-39)
		R.H. drive vehicles	2-18	

SINGLE PART INSTALLATION POSITION

Location of changes	Reference page	Description of changes
RELAY	3-2	The engine control relay (C-18) has been divided into the control relay (C-18) and fuel pump relay (C-91).
ECU	3-2	The SRS DIAGNOSIS UNIT (C-34, C-36, C-88) has been changed to SRS-ECU (C-34).
DIODE	3-2	The diode (for room lamp circuit) (D-39) has been added.

CIRCUIT DIAGRAM

Circuit diagrams			Description of changes
Main title	Sub title	Reference page	
JUNCTION BLOCK (J/B)	With ETACS	4-3	• A circuit has been added due to the addition of ETACS-ECU. • A multi-purpose fuse ⑩ has been added.
	Without ETACS	4-4	• A multi-purpose fuse ⑩ has been added.
POWER DISTRIBUTION	L.H. drive vehicles	4-8	• The connection of the wiring harness connecting the fusible link ⑤ and alternator has been changed. • A multi-purpose fuse ⑩ has been added due to the changes in the central door locking system.
	R.H. drive vehicles	4-14	
STARTING SYSTEM	L.H. drive vehicles <Petrol-powered vehicles>	4-20	• The connection of the wiring harness connecting the ignition switch (ST) and starter has been changed.
	R.H. drive vehicles <Petrol-powered vehicles>	4-21	
	<Diesel-powered vehicles>	4-22	• The wire colours of the wiring harness connecting the starter relay and starter have been changed.
CHARGING SYSTEM	–	4-23	• The connection of the wiring harness connecting the fusible link ⑤ and alternator has been changed.
GLOW SYSTEM	–	4-24	• The wire colours of the wiring harness connecting the glow plug relay and GLOW-ECU have been changed.
MPI SYSTEM	L.H. drive vehicles	4-26	• The engine control relay has been divided into the engine control relay and fuel pump relay. • The wire colours of the wiring harness connecting the oxygen sensor and engine-ECU and J/C ⑤ have been changed. • The wire colours of the wiring harness connecting the engine-ECU and diagnosis connector have been changed.
	R.H. drive vehicles	4-34	
OVERDRIVE CONTROL SYSTEM	–	4-42	• The wire colours of the wiring harness connecting the inhibitor switch and combination meter have been changed.
HEADLAMP	<L.H. drive vehicles with daytime running lamp>	4-46	• The connection of the wiring harness connecting the DRL relay 2 and column switch has been changed. • The connection of the wiring harness connecting the column switch and earth No.9 has been changed. • The wire colours of the wiring harness connecting the headlamp and J/C ① have been changed.
	<L.H. drive vehicles without daytime running lamp>	4-50	• The connection of the wiring harness connecting the headlamp and column switch has been changed. • The connection of the wiring harness connecting the column switch and earth No.9 has been changed.
	<R.H. drive vehicles>	4-52	• The wire colours of the wiring harness connecting the DIM-DIP relay 2 and column switch have been changed.
TAIL LAMP, POSITION LAMP AND LICENCE PLATE LAMP	<L.H. drive vehicles>	4-54	• The connection of the wiring harness connecting the column switch and earth No.9 has been changed. • The wire colours of the wiring harness connecting the tail lamp relay and dedicated fuse ③ have been changed.

Circuit diagrams				Description of changes
Main title	Sub title		Reference page	
TAIL LAMP, POSITION LAMP AND LICENCE PLATE LAMP	<R.H. drive vehicles>		4-56	• The wire colours of the wiring harness connecting the dedicated fuse ③ and position lamp and rear combination lamp have been changed.
REAR FOG LAMP	<L.H. drive vehicles>		4-58	• The connection of the wiring harness connecting the column switch and earth No.9 has been changed. • The No. of poles in the roof wiring harness and body wiring harness combination connector (C-01) has been changed.
	<R.H. drive vehicles>		4-62	• The wire colours of the wiring harness connecting the rear fog lamp relay and rear fog lamp switch have been changed. • The No. of poles in the roof wiring harness and body wiring harness combination connector (C-01) has been changed.
HEADLAMP LEVELING SYSTEM	<L.H. drive vehicles>		4-66	• The wire colours of the wiring harness connecting the headlamp leveling system and the headlamp leveling unit has been changed.
	<R.H. drive vehicles>		4-68	• The wire diameter of the wiring harness connecting the tail lamp relay and the headlamp leveling switch has been changed.
ROOM LAMP	<L.H. drive vehicles>	With sunroof	4-70	• The circuit has been changed due to the addition of the diode (for room lamp circuit).
		With crystal lite roof	4-72	
		Without sunroof	4-74	
	<R.H. drive vehicles>	–	4-76	
DOOR LAMP AND STEP LAMP	–		4-78	• The shape of the front door wiring harness (passenger's side) and body wiring harness combination connector (C-17) has been changed.
GLOVE BOX LAMP	–		4-80	• The connection of the wiring harness connecting the column switch and earth No.9 has been changed.
IGNITION KEY CYLINDER ILLUMINATION LAMP	<With ETACS-ECU>		4-81	• The circuit of the ignition key cylinder illumination lamp has been changed due to changes in the ETACS-ECU.
	<Without ETACS-ECU>		4-82	• The connection of the wiring harness connecting the fusible link ⑥ and dedicated fuse ⑤ has been changed.
TURN-SIGNAL LAMP AND HAZARD WARNING LAMP	<L.H. drive vehicles>		4-84	• The turn-signal and hazard warning flasher unit has been changed.
	<R.H. drive vehicles>		4-86	
STOP LAMP	<L.H. drive vehicles>		4-88	• The No. of poles in the roof wiring harness and body wiring harness combination connector (C-01) has been changed.
	<R.H. drive vehicles>		4-89	

Circuit diagrams			Description of changes
Main title	Sub title	Reference page	
BACK-UP LAMP	<M/T>	4-90	• The wire colours of the wiring harness connecting the back-up lamp switch and tailgate lamp have been changed.
	<A/T>	4-91	• The wire colours of the wiring harness connecting the inhibitor switch and tailgate lamp have been changed.
HORN	<Vehicles with SRS>	4-92	• The wire diameter of the wiring harness connecting the horn and multi-purpose fuse ⑫ has been changed.
	<Vehicles without SRS>	4-93	• The wire diameter of the wiring harness connecting the horn and multi-purpose fuse ⑫, and horn and horn switch has been changed.
METER AND GAUGE	<L.H. drive vehicles>	4-94	• The connection of the wiring harness connecting fuel gauge unit and earth No.9 has been changed.
	<R.H. drive vehicles>	4-98	• The No. of poles in the fuel gauge unit connector (G-04) has been changed.
OIL PRESSURE WARNING LAMP	<L.H. drive vehicles>	4-102	• The wiring harness connecting the combination meter and oil pressure switch has been changed.
	<R.H. drive vehicles>	4-106	• The wiring harness connecting the combination meter and oil pressure switch has been changed.
BRAKE WARNING LAMP	<L.H. drive vehicles>	4-103	• The wiring harness connecting brake fluid level switch and J/C(6) has been changed.
MULTI-METER	–	4-109	• The wire colours of the wiring harness connecting the multi-meter and multi-purpose fuse ⑬ have been changed.
CENTRAL DOOR LOCKING SYSTEM	–	4-110	• The central door locking system circuit has been changed due to the addition of ETACS-ECU.
POWER WINDOWS	–	4-114	• The shape of the front door wiring harness (passenger's side) and body wiring harness combination connector (C-17) has been changed. • The No. of poles in the front door wiring harness (driver's side) and body wiring harness combination connector (C-39) has been changed.
HEATER	L.H. drive vehicles with under seat type rear heater	4-116	• The wire diameter of the wiring harness connecting the front blower motor and front blower resistor has been changed. • The shape of the fuel wiring harness and body wiring harness combination <under seat type rear heater> connector (F-04) has been changed.
	L.H. drive vehicles with built-in type rear heater	4-120	• The No. of poles in the rear heater wiring harness and body wiring harness combination connector (F-10) has been changed.
	L.H. drive vehicles without rear heater	4-124	• The wire diameter of the wiring harness connecting the front blower motor relay and front blower motor has been changed.
SINGLE AIR CONDITIONER	MPI	4-126	• The shape of the fuel wiring harness and body wiring harness combination <under seat type rear heater> connector (F-04) has been changed. • The wire diameter of the dedicated fuse ② and A/C compressor relay has been changed.
	Diesel	4-130	

Circuit diagrams			Description of changes
Main title	Sub title	Reference page	
DUAL AIR CONDITIONER	Overhead type (MPI)	4-134	• The wire diameter of the wiring harness connecting the front blower motor relay and front blower motor has been changed. • The front A/C switch has been changed. • The wire diameter of the wiring harness connecting the dedicated fuse ② and A/C compressor relay has been changed. • The shape of the fuel wiring harness and body wiring harness combination <under seat type rear heater> connector (F-04) has been changed. • The No. of poles in the roof wiring harness and body wiring harness combination connector (C-01) has been changed. • The No. of poles in the roof wiring harness and body wiring harness combination <vehicles with overhead cooling unit> connector (C-02) has been changed. • The shape of the overhead cooling unit connector
	Overhead type (Diesel)	4-140	
	Built-in type	4-146	• The shape of the fuel wiring harness and body wiring harness combination <under seat type rear heater> connector (F-04) has been changed. • The No. of poles in the roof wiring harness and body wiring harness combination <vehicles with overhead cooling unit> connector (C-02) has been changed. • The wire diameter of the wiring harness connecting the front blower motor relay and front blower motor has been changed. • The front A/C switch has been changed. • The No. of poles in the rear heater wiring harness and body wiring harness combination connector (F-10) has been changed.
WINDSHIELD WIPER AND WASHER	L.H. drive vehicles	4-154	• The circuit has been changed due to the changes in the variable intermittent wiper control switch.
REAR WIPER AND WASHER	–	4-156	• The wire diameter of the wiring harness connecting the column switch and rear intermittent wiper relay has been changed. • The No. of poles in the roof wiring harness and body wiring harness combination connector (C-01) has been changed.
HEADLAMP WASHER	–	4-158	• The wire diameter of the wiring harness connecting the combination meter and headlamp fluid level sensor has been changed.
DEFOGGER AND DOOR MIRROR	L.H. drive vehicles	4-160	• The front door wiring harness (passenger's side) and body wiring harness (C-17) connector has been changed. • The front door wiring harness (driver's side) and body wiring harness (C-39) connector has been changed.

Circuit diagrams			Description of changes
Main title	Sub title	Reference page	
RADIO AND TAPE PLAYER	L.H. drive vehicles	4-162	• The wire diameter and wire colours of the wiring harness connecting the radio and tape player and the speaker have been changed. • The No. of poles in the roof wiring harness and body wiring harness combination connector (C-01) has been changed. • The front door wiring harness (passenger's side) and body wiring harness (C-17) connector has been changed. • The front door wiring harness (driver's side) and body wiring harness (C-39) connector has been changed.
	R.H. drive vehicles	4-164	
ACCESSORY SOCKET	–	4-165	• The No. of poles in the roof wiring harness and body wiring harness combination connector (C-01) has been changed.
ANTI-LOCK BRAKING SYSTEM (ABS)	L.H. drive vehicles <2WD>	4-166	• The wire diameter of the wiring harness connecting the diode (for ABS circuit) and valve relay has been changed. • The wire diameter of the wiring harness connecting the ABS-ECU and hydraulic unit has been changed. • The wire colours of the wiring harness connecting the ABS-ECU and steering wheel sensor have been changed.
	L.H. drive vehicles <4WD>	4-170	
	R.H. drive vehicles	4-176	
FRONT SUNROOF	–	4-180	• The roof wiring harness and body wiring harness combination connector (C-01) has been changed. • The wire diameter of the wiring harness connecting the front sunroof-ECU and front sunroof switch has been changed.
REAR SUNROOF	–	4-182	• The No. of poles in the roof wiring harness and body wiring harness combination connector (C-01) has been changed.
PART TIME 4WD	–	4-184	• The wire colours of the wiring harness connecting the control wiring harness and instrument panel wiring harness combination <4WD or A/T> and control wiring harness and battery cable assembly combination <4WD>, and the solenoid valve have been changed. • The wire colours of the freewheeling hub engage switch circuit have been changed.
CRYSTAL LITE ROOF SUNSHADE	–	4-186	• The wire colours of the wiring harness between the diode (for opening front sunshade) and sunshade relay have been changed. • The No. of poles in the roof wiring harness and body wiring harness combination connector (C-01) has been changed.
RHEOSTAT	–	4-188	• The connection of the wiring harness connecting the column switch and earth No.9 has been changed.

Circuit diagrams			Description of changes
Main title	Sub title	Reference page	
SUPPLEMENTAL RESTRAINT SYSTEM (SRS)	–	4-190	• The circuit diagram has been changed due to changes in the SRS-ECU.
LIGHTING MONITOR BUZZER	<L.H. drive vehicles>	4-192	• The circuit diagram has been changed due to addition of the ETACS-ECU. • The wire colours of the wiring harness connecting the column switch and earth No.9 have been changed.
	<R.H. drive vehicles>	4-194	• The circuit diagram has been changed due to addition of the ETACS-ECU.
IMMOBILIZER SYSTEM	<Petrol-powered vehicles>	4-196	• The wire diameter of the wiring harness connecting the engine control relay and the immobilizer-ECU has been changed.
	<Diesel-powered vehicles>	4-198	• The J/C(2) (C-07) has been changed.

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 is not included in this manual, because it has not been changed. Refer to this previous manuals.

Main circuit	Circuit classifications	Pub. No. PHWE9407 (Basic)	Pub. No. PHWE9407-A (Supplement)	Pub. No. PHWE9407-B (Supplement)
JUNCTION BLOCK (J/B)	–	I	P	P
	With ETACS	N	P	A
	Without ETACS	N	P	A
JOINT CONECTOR (J/C)	–	I	P	P
CENTRALIZED JUNCTION	–	I	P	P
POWER DISTRIBUTION SYSTEM	L.H. drive vehicles	I	P	R
	R.H. drive vehicles	I	P	R
STARTING SYSTEM	L.H. drive vehicles <Petrol-powered vehicles>	I	P	R
	R.H. drive vehicles <Petrol-powered vehicles>	I	P	R
	Diesel-powered vehicles	I	P	R
IGNITION SYSTEM	Electronically-controlled carburettor	I	D	N
	MPI	I	P	R
CHARGING SYSTEM	–	I	P	R
GLOW SYSTEM	Vehicles with EGR system	I	P	D
	Vehicles without EGR system	I	P	R
ELECTRONICALLY-CONTROLLED CARBURETTOR	–	I	D	N
MPI SYSTEM	L.H. drive vehicles	I	P	R
	R.H. drive vehicles	I	P	R
OVERDRIVE CONTROL SYSTEM	–	I	P	R
HEADLAMP	L.H. drive vehicles with daytime running lamp	I	P	R
	L.H. drive vehicles without daytime running lamp	I	P	R
	R.H. drive vehicles	I	P	R
TAIL LAMP, POSITION LAMP AND LICENCE PLATE LAMP	L.H. drive vehicles	I	P	R
	R.H. drive vehicles	I	P	R
REAR FOG LAMP	L.H. drive vehicles	I	P	R
	R.H. drive vehicles	I	P	R
HEADLAMP LEVELING SYSTEM	L.H. drive vehicles	I	P	P
	R.H. drive vehicles	I	P	P

Main circuit	Circuit classifications	Pub. No. PHWE9407 (Basic)	Pub. No. PHWE9407-A (Supplement)	Pub. No. PHWE9407-B (Supplement)
ROOM LAMP	L.H. drive vehicles with sunroof	I	P	D
	L.H. drive vehicles without sunroof	I	P	D
	R.H. drive vehicles	I	P	D
	L.H. drive vehicles with sunroof	N	N	A
	L.H. drive vehicles with crystal lite roof	N	N	A
	L.H. drive vehicles without sunroof	N	N	A
DOOR LAMP AND STEP LAMP	–	I	P	R
GLOVE BOX LAMP	–	I	P	R
IGNITION KEY CYLINDER ILLUMINATION LAMP	–	I	P	D
	With ETACS	N	N	A
	Without ETACS	N	N	A
TURN-SIGNAL LAMP AND HAZARD WARNING LAMP	L.H. drive vehicles	I	P	P
	R.H. drive vehicles	I	P	P
STOP LAMP	L.H. drive vehicles	I	P	R
	R.H. drive vehicles	I	P	R
BACK-UP LAMP	M/T	I	P	R
	A/T	I	P	R
HORN	Vehicles with SRS	I	P	R
	Vehicles without SRS	I	P	R
METER AND GAUGE	L.H. drive vehicles	I	P	R
	R.H. drive vehicles	I	P	R
FUEL WARNING LAMP	L.H. drive vehicles	I	P	R
	R.H. drive vehicles	I	P	R
OIL-PRESSURE WARNING LAMP	L.H. drive vehicles	I	P	R
	R.H. drive vehicles	I	P	R
FUEL FILTER WARNING LAMP	L.H. drive vehicles	I	P	R
	R.H. drive vehicles	I	P	R
BRAKE WARNING LAMP	L.H. drive vehicles	I	P	R
	R.H. drive vehicles	I	P	R
ENGINE OIL LEVEL WARNING LAMP	L.H. drive vehicles	I	P	R
	R.H. drive vehicles	I	P	R
MULTI-METER	–	I	P	R
CENTRAL DOOR LOCKING SYSTEM	L.H. drive vehicles	I	P	D
	R.H. drive vehicles	I	P	D
	–	N	N	A
POWER WINDOWS	–	I	P	R
HEATER	L.H. drive vehicles with under seat type rear heater	I	P	R
	L.H. drive vehicles with built-in type rear heater	I	P	R
	L.H. drive vehicles without rear heater	I	P	R
	R.H. drive vehicles	I	P	P
SINGLE AIR CONDITIONER	Electronically-controlled carburettor	I	D	N
	MPI	I	P	R
	Diesel	I	P	R

Main circuit	Circuit classifications	Pub. No. PHWE9407 (Basic)	Pub. No. PHWE9407-A (Supplement)	Pub. No. PHWE9407-B (Supplement)
DUAL AIR CONDITIONER	Overhead type <Electronically-controlled carburettor>	I	D	N
	Overhead type <MPI>	I	P	R
	Overhead type <Diesel>	I	P	R
	Built-in type	I	P	R
WINDSHIELD WIPER AND WASHER	L.H. drive vehicles	I	P	R
	R.H. drive vehicles	I	P	P
REAR WIPER AND WASHER	–	I	P	R
HEADLAMP WASHER	–	I	P	P
DEFFOGER	L.H. drive vehicles	I	P	P
	R.H. drive vehicles	I	P	P
DEFFOGER AND DOOR MIRROR HEATER	L.H. drive vehicles	N	A	R
REMOTE CONTROLLED MIRROR	–	N	A	P
RADIO AND TAPE PLAYER	L.H. drive vehicles	I	P	R
	R.H. drive vehicles	I	P	R
CLOCK	–	I	P	P
CIGARETTE LIGHTER	L.H. drive vehicles	I	P	P
	R.H. drive vehicles	I	P	P
ACCESSORY SOCKET	–	I	P	P
ANTI-LOCK BRAKING SYSTEM (ABS)	L.H. drive vehicles <2WD>	I	P	R
	L.H. drive vehicles <4WD>	I	R	R
	R.H. drive vehicles	I	P	R
FRONT SUNROOF	–	I	P	R
REAR SUNROOF	–	I	P	R
PART TIME 4WD SYSTEM	–	I	P	R
CRYSTAL LITE ROOF SUNSHADE	–	I	P	P
RHEOSTAT	–	I	R	R
SUPPLEMENTAL RESTRAINT SYSTEM (SRS)	L.H. drive vehicles	I	P	D
	R.H. drive vehicles	I	P	D
	–	N	N	A
LIGHTING MONITOR BUZZER	L.H. drive vehicles	I	P	R
	R.H. drive vehicles	I	P	R
IMMOBILIZER SYSTEM	<Petrol-powered vehicles>	N	A	R
	<Diesel-powered vehicles>	N	A	R
HEATED SEAT	–	I	P	P
INTERCOOLER FAN	–	I	P	P
FUEL LINE HEATER	–	I	P	P

HOW TO READ THE WIRING DIAGRAMS

CONTENTS

MODELS 2

MODELS

<Standard wheelbase models>

Model code		Engine model	Transmission model	Fuel supply system
PA3V	GLZDEL6	4G63 (1,997 m ℓ)	R5M21 (2WD-5M/T)	MPI
	GLZDER6			
	NLZDEL6			
	NLNUEL6			
PA5V	GLZDTL6	4D56 (2,477 m ℓ) with turbocharger	R5M21 (2WD-5M/T)	Diesel Fuel Injection
	GLZDTR6			
	NLZDTL6			
PD4V	NLNDEL6	4G64 (2,350 m ℓ)	V5M21 (4WD-5M/T)	MPI
PD5V	GLNDTL6	4D56 (2,477 m ℓ) with turbocharger	V5M21 (4WD-5M/T)	Diesel Fuel Injection
PA3W	NLZJEL6	4G63 (1,997 m ℓ)	R5M21 (2WD-5M/T)	MPI
	NLZUEL6			
	NLNUEL6			
	NLEUEL6		R4AW2 (2WD-4A/T)	
PA4W	NSNHEL6	4G64 (2,350 m ℓ)	R5M21 (2WD-5M/T)	MPI
	NSEHEL6		R4AW2 (2WD-4A/T)	
	HSNHEL6		R5M21 (2WD-5M/T)	
	HSEHEL6		R4AW2 (2WD-4A/T)	
PA5W	NLZUFL6	4D56 (2,477 m ℓ) with intercooler turbocharger	R5M31 (2WD-5M/T)	Diesel Fuel Injection
	NLNUFL6			
PD4W	NLNUEL6	4G64 (2,350 m ℓ)	V5M21 (4WD-5M/T)	MPI
PD5W	NLNUFL6	4D56 (2,477 m ℓ) with intercooler turbocharger	V5M31 (4WD-5M/T)	Diesel Fuel Injection

<Long wheelbase models>

Model code		Engine model	Transmission model	Fuel supply system
PB3V	HLZDEL6	4G63 (1,997 m ℓ)	R5M21 (2WD-5M/T)	MPI
	JLZDEL6			
	JLZDER6			
PB5V	HLZDTL6	4D56 (2,477 m ℓ) with turbocharger	R5M21 (2WD-5M/T)	Diesel Fuel Injection
	JLZDTL6			
	JLZDTR6			

WIRING HARNESS CONFIGURATION DIAGRAMS

CONTENTS

ENGINE COMPARTMENT
MPI <L.H. drive vehicles> 2

DASH PANEL
L.H. drive vehicles 8
R.H. drive vehicles 12

INSTRUMENT PANEL
L.H. drive vehicles 16
R.H. drive vehicles 18

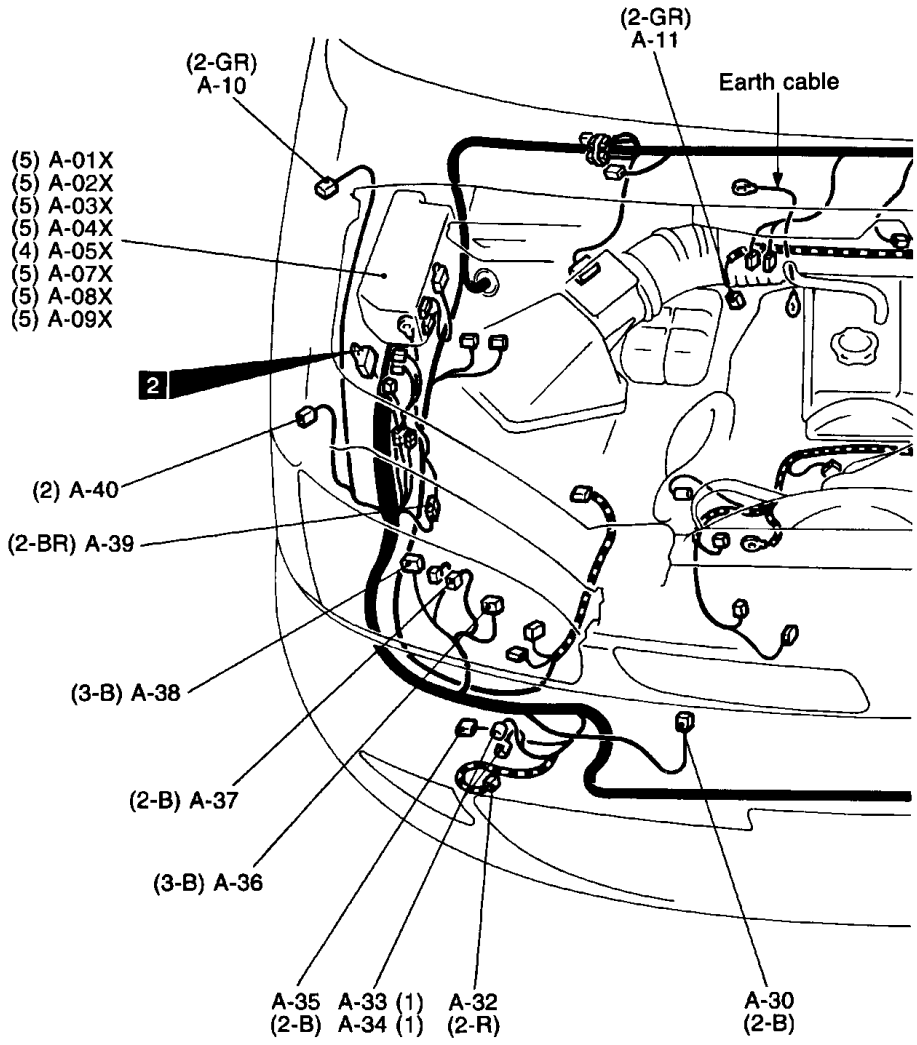
UNDER FLOOR
R.H. drive vehicles 20

ENGINE COMPARTMENT

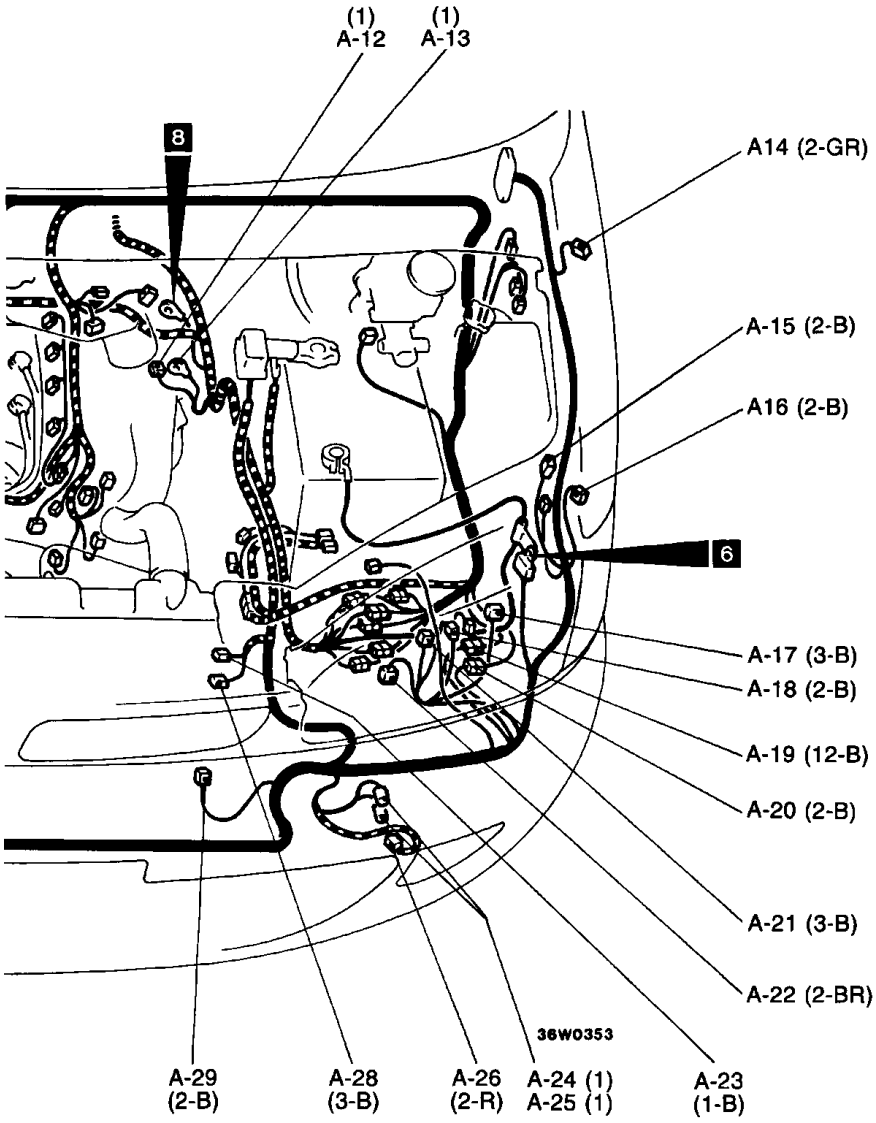
MPI <L.H. drive vehicles>

Connector symbol

A 01 thru -40



A-01X Horn relay <SRS>
A-02X A/C compressor relay
A-03X Front condenser fan motor relay
A-04X Side condenser fan motor relay <Dual A/C>
A-05X Alternator relay
A-07X Rear fog lamp relay
A-08X Tail lamp relay
A-09X Headlamp relay
A-10 Side turn signal lamp (RH)
A-11 Free-wheeling differential engage switch <4WD>
A-12 Starter
A-13 Starter
A-14 Side turn signal lamp (LH)
A-15 Windshield washer motor
A-16 Front turn signal lamp (LH)
A-17 Headlamp (LH)
A-18 Position lamp (LH)
A-19 Control wiring harness and front wiring harness combination
A-20 Control wiring harness and front wiring harness combination
A-21 Headlamp (LH)



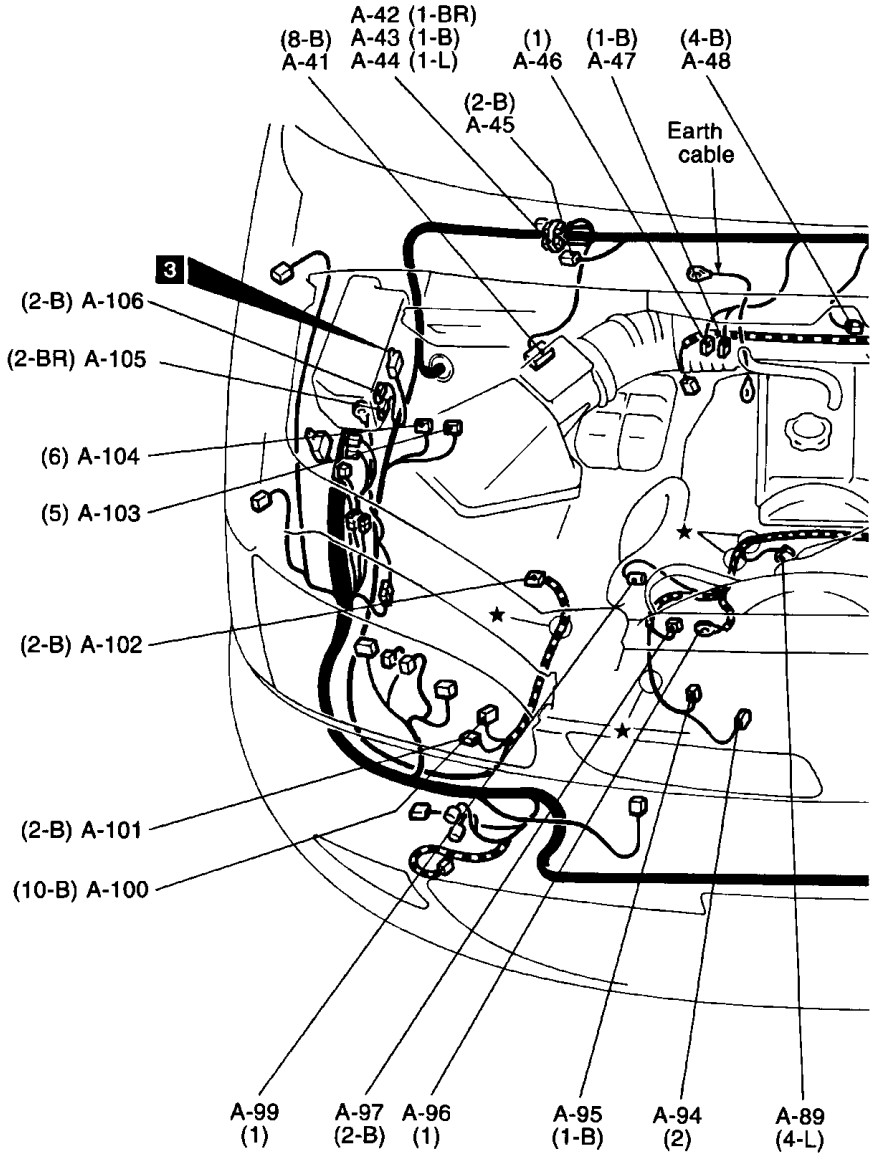
Connector color code
B : Black
Y : Yellow
L : Blue
G : Green
R : Red
BR : Brown
V : Violet
O : Orange
GR : Gray

A-22 Dual pressure switch <A/C>
A-23 Magnetic clutch <A/C>
A-24 Horn (LH)
A-25 Horn (LH)
A-26 Front impact sensor (LH) <SRS>
A-28 A/C refrigerant temperature switch and A/C compressor magnetic valve <Dual A/C>
A-29 Front condenser fan motor (LH) <A/C>
A-30 Front condenser fan motor (RH) <A/C>
A-32 Front impact sensor (RH) <SRS>
A-33 Horn (RH)
A-34 Horn (RH)
A-35 Thermo sensor (outside) <Vehicles with multi-meter>
A-36 Headlamp (RH)
A-37 Position lamp (RH)
A-38 Headlamp (RH)
A-39 Control wiring harness and front wiring harness combination
A-40 Front turn signal lamp (RH)

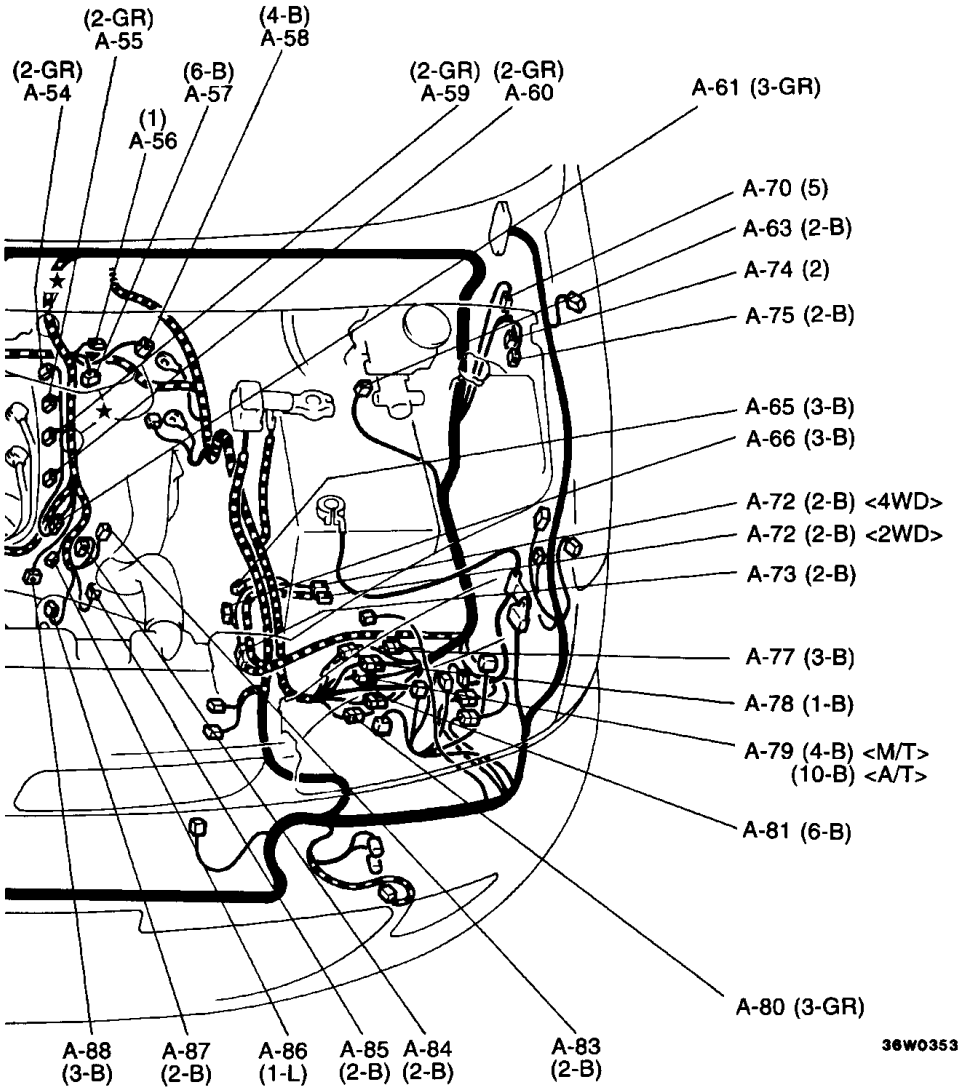
MPI <L.H. drive vehicles>

Connector symbol

A -41 thru -106



A-41 Air flow sensor
A-42 Ignition timing adjustment connector
A-43 Fuel pump check connector
A-44 Engine speed detection connector
A-45 Front A/C magnetic valve <Dual A/C>
A-46 Engine coolant temperature switch <A/T>
A-47 Engine coolant temperature gauge unit
A-48 Windshield wiper motor
A-54 Injector No.4
A-55 Injector No.3
A-56 Capacitor
A-57 Idle speed control servo
A-58 Throttle position sensor
A-59 Injector No.2
A-60 Injector No.1
A-61 Injector wiring harness and control wiring harness combination
A-63 Brake fluid level switch
A-64 –
A-65 No connection <4WD (ABS)>
A-66 No connection <4WD (ABS)>
A-70 Starter relay <MPI>
A-72 Front wheel speed sensor (LH) <ABS>
A-73 ABS wiring harness and control wiring harness combination <4WD>
A-74 Purge control solenoid valve
A-75 EGR solenoid valve

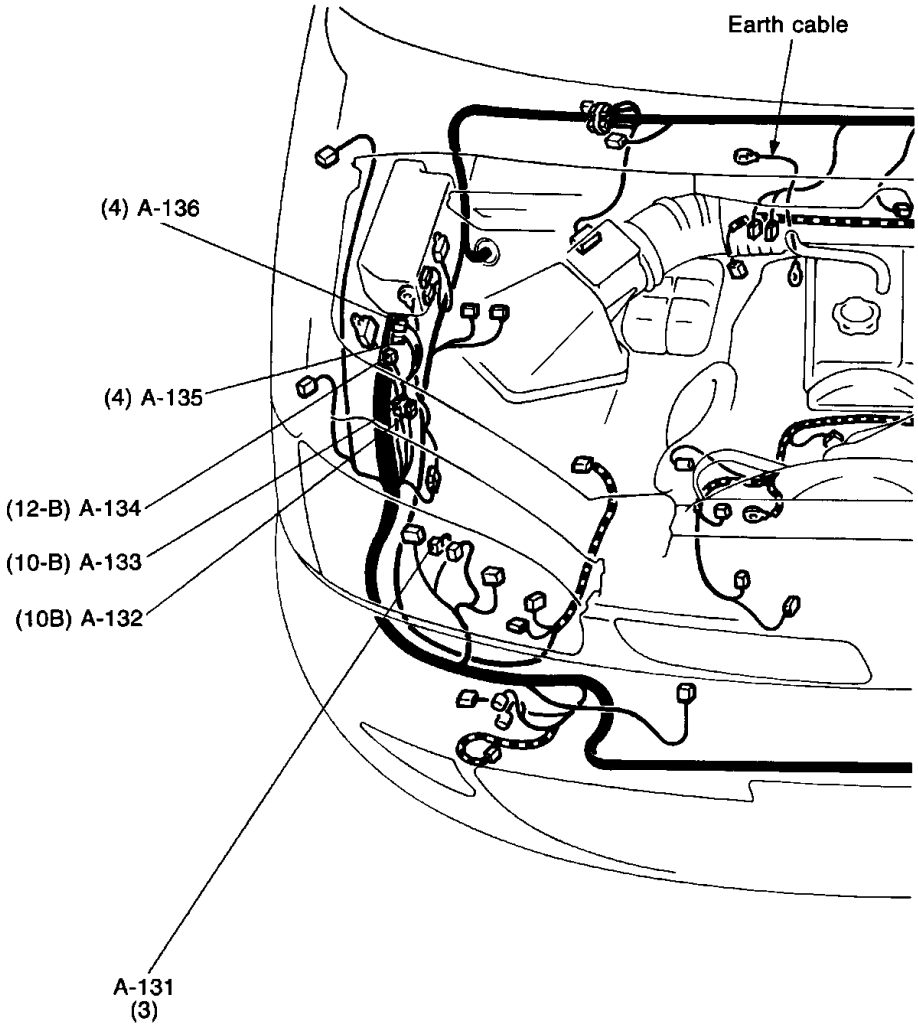


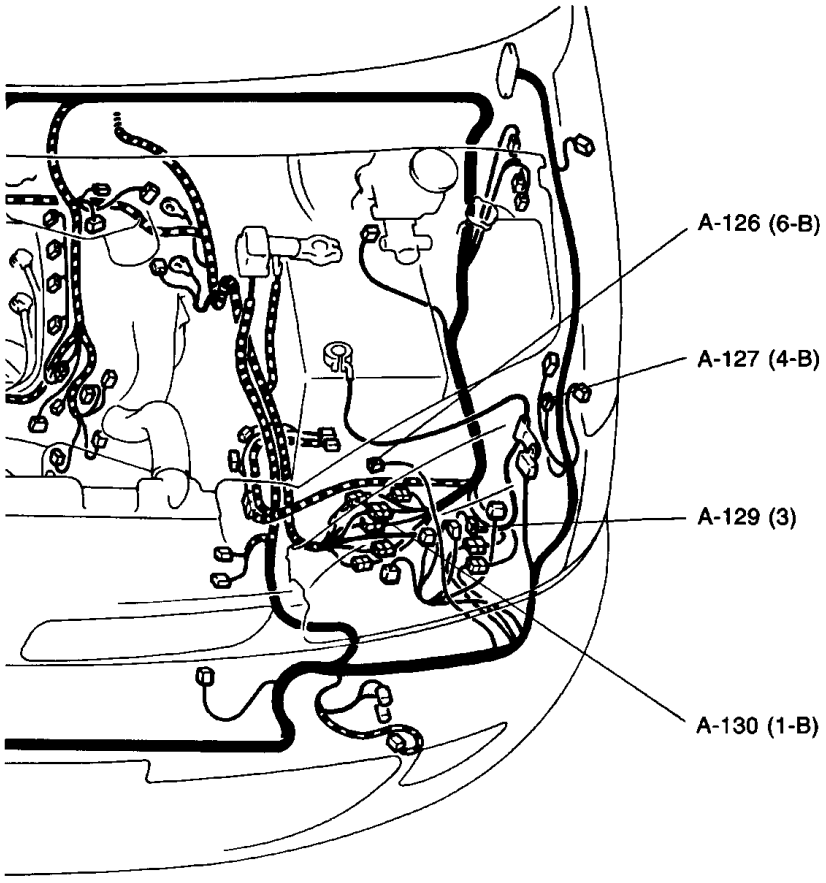
Connector color code
B : Black
Y : Yellow
L : Blue
G : Green
R : Red
BR : Brown
V : Violet
O : Orange
GR : Gray

A-77 Control wiring harness and battery cable assembly combination <4WD>
A-78 Control wiring harness and battery cable assembly combination
A-79 Control wiring harness and battery cable assembly combination
A-80 Control wiring harness and battery cable assembly combination <A/T>
A-81 Control wiring harness and battery cable assembly combination
A-83 Engine coolant temperature switch (for dual A/C control)
A-84 Engine coolant temperature switch (for A/C control)
A-85 Engine coolant temperature sensor (for engine control)
A-86 Capacitor
A-87 Ignition coil
A-88 Power transistor
A-89 Distributor assembly
A-94 Engine oil level sensor
A-95 Oil pressure switch
A-96 Alternator
A-97 Alternator
A-99 Power steering oil pressure switch
A-100 ABS hydraulic unit
A-101 ABS hydraulic unit
A-102 Front wheel speed sensor (RH) <ABS>
A-103 ABS motor relay
A-104 ABS valve relay
A-105 4WD solenoid valve (B)
A-106 4WD solenoid valve (A)

MPI <L.H. drive vehicles>

Connector symbol	
A	-126 thru -136





36W0353

Connector color code
B : Black
Y : Yellow
L : Blue
G : Green
R : Red
BR : Brown
V : Violet
O : Orange
GR : Gray

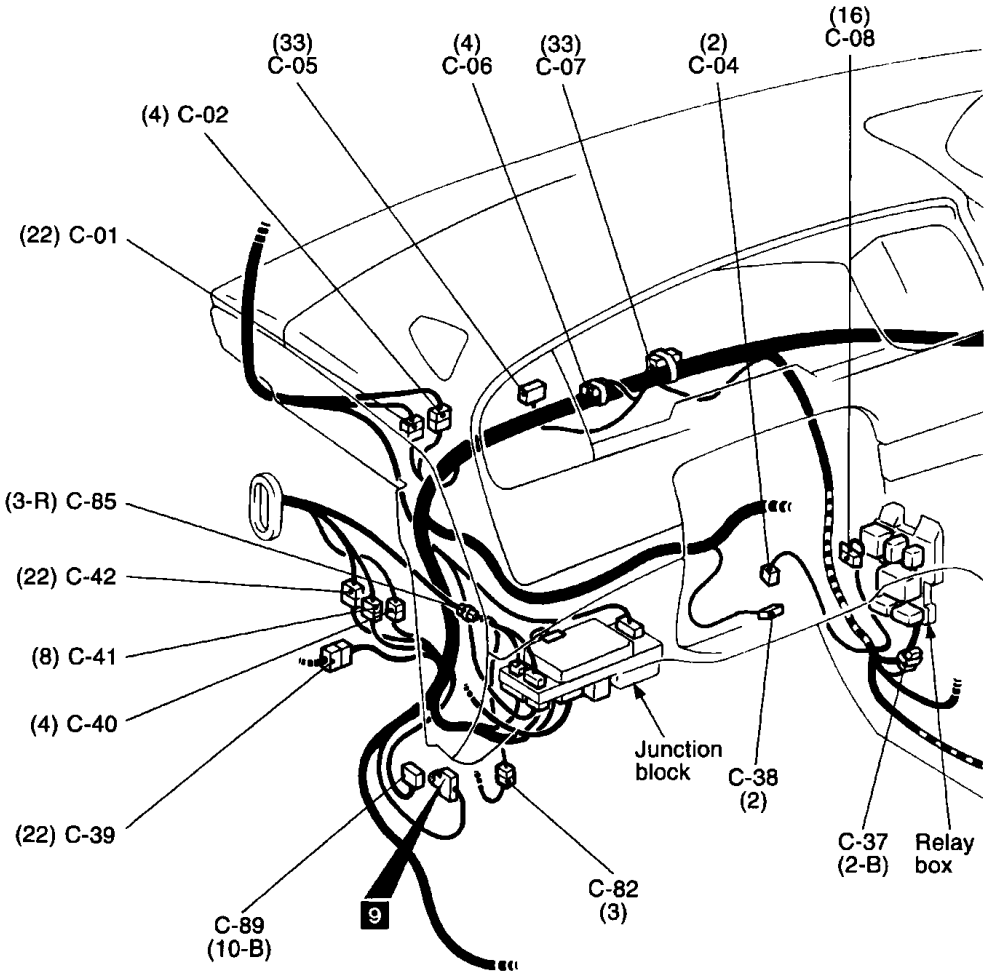
A-126 Headlamp washer relay
A-127 Headlamp washer motor/Headlamp washer fluid lever sensor
A-129 Headlamp leveling unit (LH)
A-130 Control wiring harness and battery cable assembly combination <4WD (ABS)>
A-131 Headlamp leveling unit (RH)
A-132 DRL wiring harness and front wiring harness combination
A-133 DRL wiring harness and front wiring harness combination
A-134 DRL-ECU
A-135 DRL relay 2
A-136 DRL relay 1

DASH PANEL

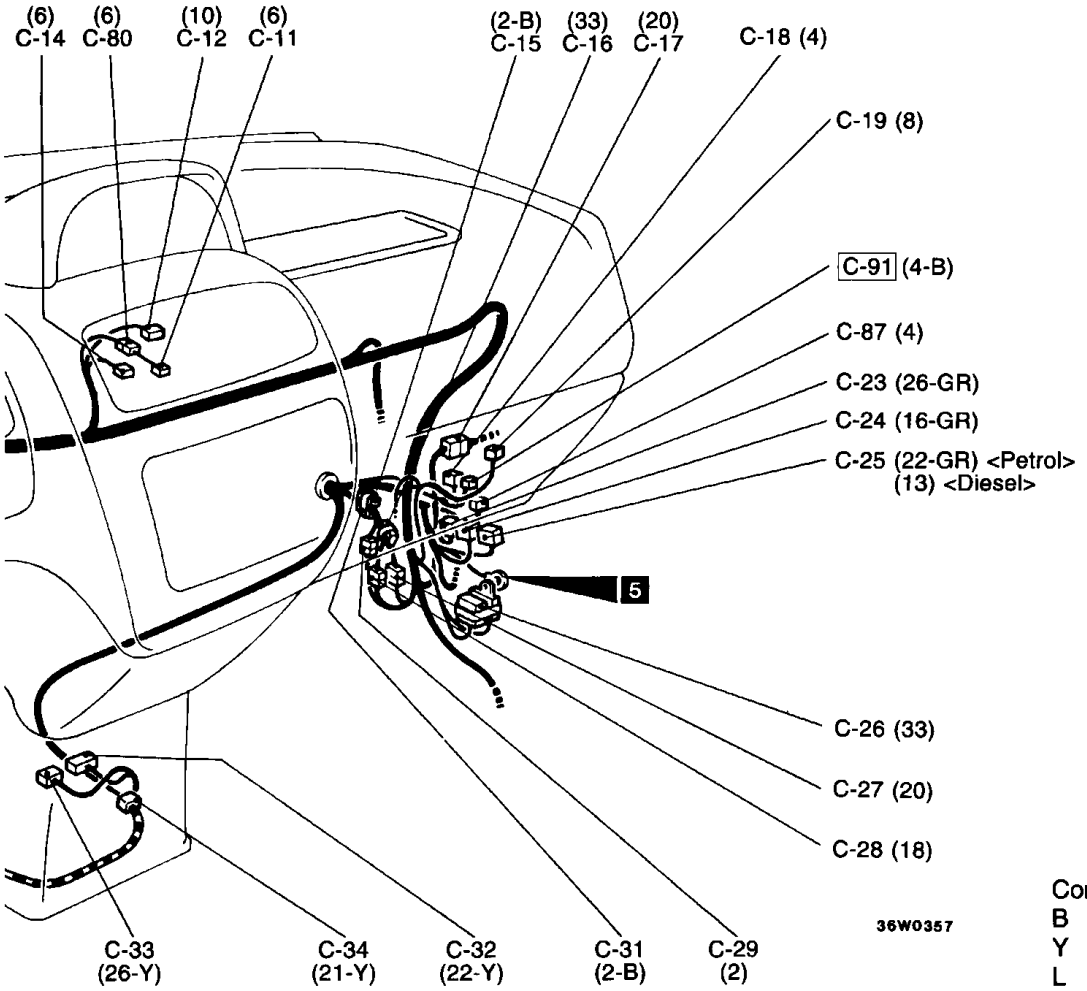
L.H. drive vehicles

Connector symbol

C



C-01 Roof wiring harness and body wiring harness combination
C-02 Roof wiring harness and body wiring harness combination <Vehicles with overhead cooling unit>
C-04 Stop lamp switch
C-05 J/C (1)
C-06 J/C (4)
C-07 J/C (2)
C-08 Diagnosis connector
C-11 Rear heater switch
C-12 Front blower switch
C-14 Front A/C switch
C-16 J/C (5)
C-17 Front door wiring harness (passenger's side) and body wiring harness combination
C-18 Engine control relay
C-19 Rear intermittent wiper relay
C-23 Engine-ECU
C-24 Engine-ECU



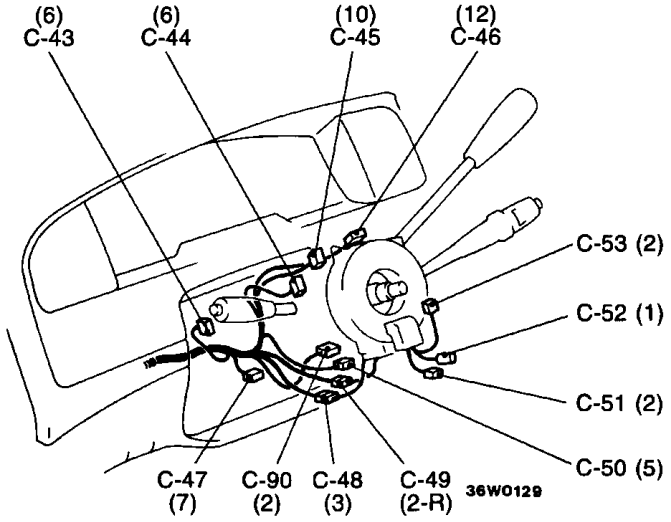
Connector color code
B : Black
Y : Yellow
L : Blue
G : Green
R : Red
BR : Brown
V : Violet
O : Orange
GR : Gray

C-25 Engine-ECU <Petrol> or glow-ECU <Diesel>
C-26 J/C (3)
C-27 Control wiring harness and body wiring harness combination
C-28 Control wiring harness and body wiring harness combination
C-29 Control wiring harness and body wiring harness combination
C-31 Diode (for ABS circuit)
C-32 ABS-ECU
C-33 ABS-ECU
C-34 SRS-ECU
C-37 Diode (for rear blower circuit) <Vehicles with under seat type rear heater>
C-38 Thermo sensor (inside) <Vehicles with multi-meter>
C-39 Front door wiring harness (driver's side) and body wiring harness combination
C-40 Front wiring harness and body wiring harness combination <SRS>
C-41 Front wiring harness and body wiring harness combination
C-42 Front wiring harness and body wiring harness combination

L.H. drive vehicles

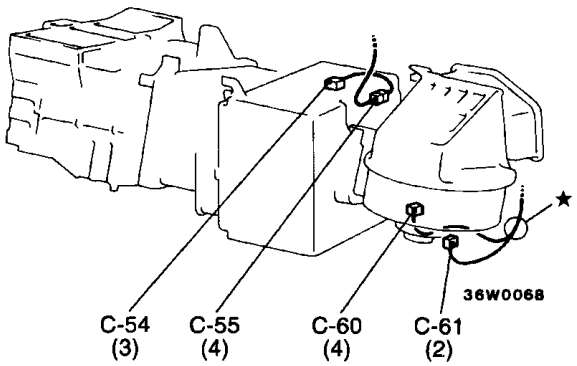
Connector symbol
C

Steering column

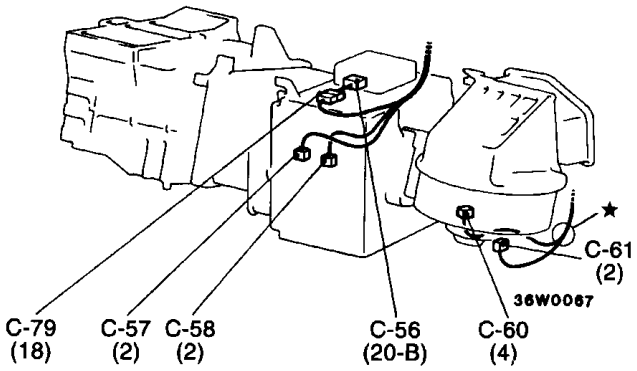


Front blower and cooling unit

<Vehicles with single heater or single A/C>



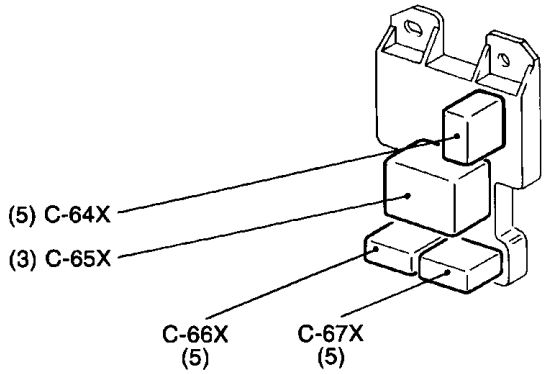
<Vehicles with dual heater or dual A/C>



C-43 Ignition switch
C-44 Column switch
C-45 Column switch
C-46 Column switch
C-47 Key reminder switch
C-48 Clock spring
C-49 Clock spring
C-50 Steering wheel sensor <ABS>
C-51 No connection <SRS>
C-52 Horn switch <SRS>
C-53 Air bag module (squib) (Driver's side)
C-54 Thermostat <Single A/C>
C-55 Thermostat wiring harness and body wiring harness combination <Single A/C>
C-56 A/C-ECU <Dual A/C>
C-57 Front air thermo sensor <Dual A/C>
C-58 Resistor <Overhead type A/C>
C-60 Front blower resistor
C-61 Front blower motor
C-63X Fuel line heater relay
C-64X Power window relay
C-65X Turn signal and hazard warning flasher unit
C-66X Rear blower motor relay (HI) <Under seat type rear heater>
Rear blower motor relay <Built-in type rear heater>
C-67X Accessory socket relay
C-68 Roof wiring harness and junction block combination

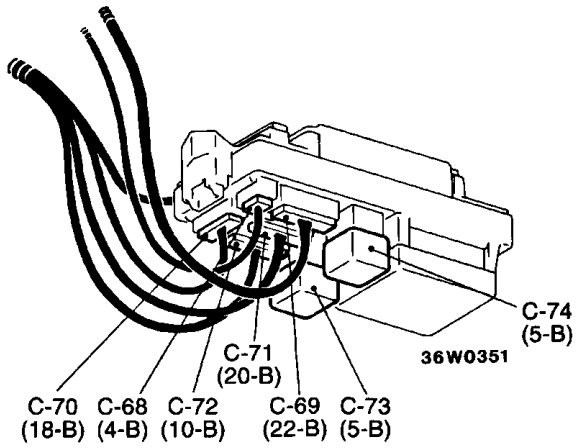
Relay box in passenger compartment

Connector color code
B : Black
Y : Yellow
L : Blue
G : Green
R : Red
BR : Brown
V : Violet
O : Orange
GR : Gray

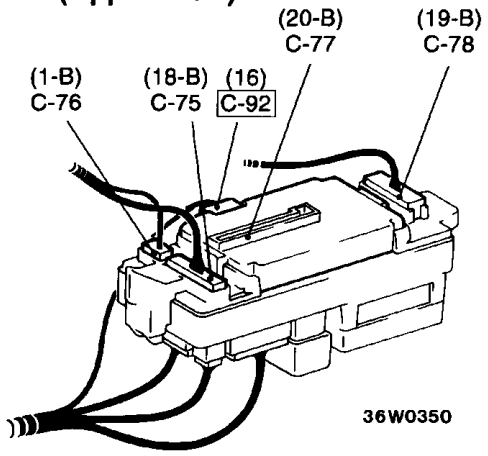


Junction block

(Under view)



(Upper view)



C-69 Instrument panel wiring harness and junction block combination
C-70 Body wiring harness and junction block combination
C-71 Body wiring harness and junction block combination
C-72 Body wiring harness and junction block combination
C-73 Defogger relay
C-74 Front blower motor relay
C-75 Front wiring harness and junction block combination
C-76 Front wiring harness and junction block combination
C-77 Buzzer-ECU
C-78 Roof wiring harness and junction block combination
C-79 Body wiring harness and joint wiring harness combination <Overhead type A/C>
C-80 Body wiring harness and joint wiring harness combination <Under seat type rear heater>
C-82 Front wiring harness and instrument panel wiring harness combination
C-85 Diode (for DRL and rear fog lamp circuit)
C-86 Air bag module (squib) (Passenger's side)
C-87 Intercooler fan-ECU
C-89 Immobilizer-ECU
C-90 Ignition key ring antena
C-91 Fuel pump relay
C-92 ETACS-ECU

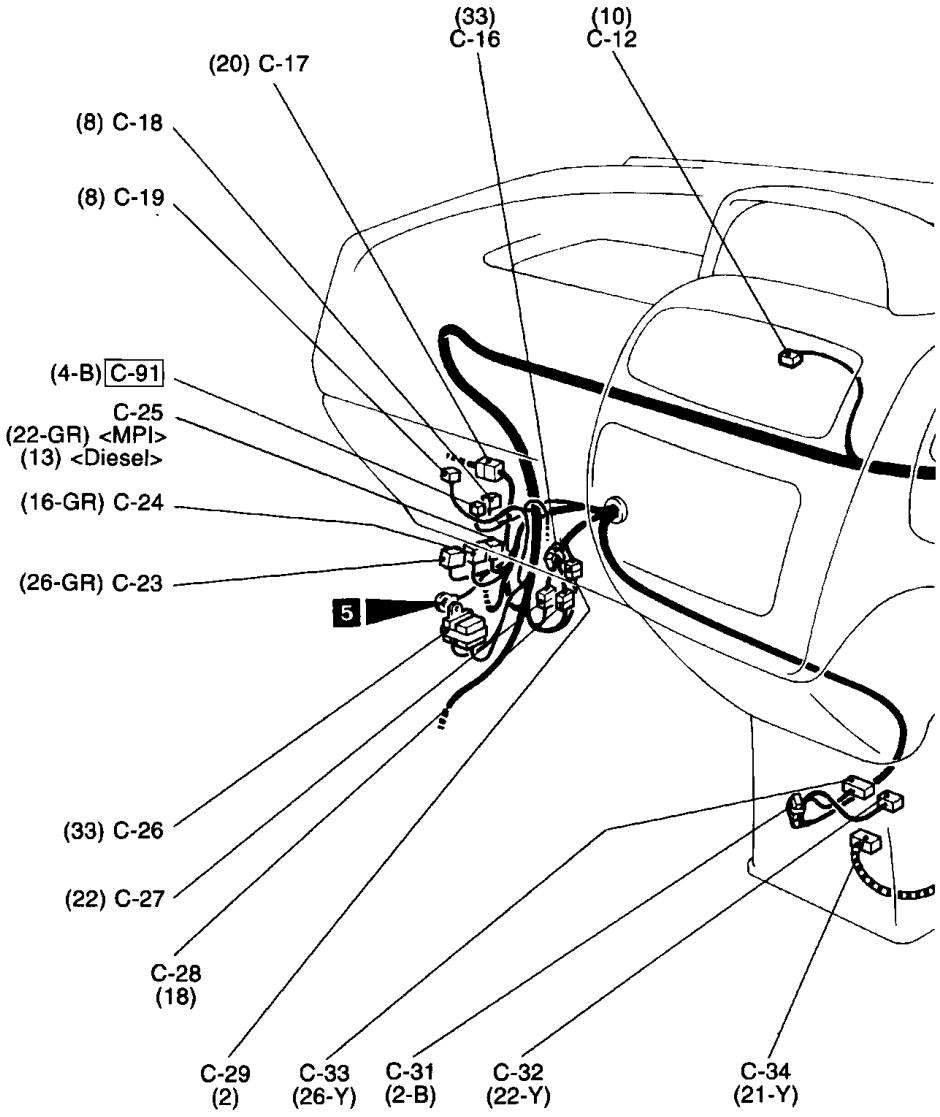
Remark
Connector number enclosed by a frame [ ] is newly added connector.

DASH PANEL

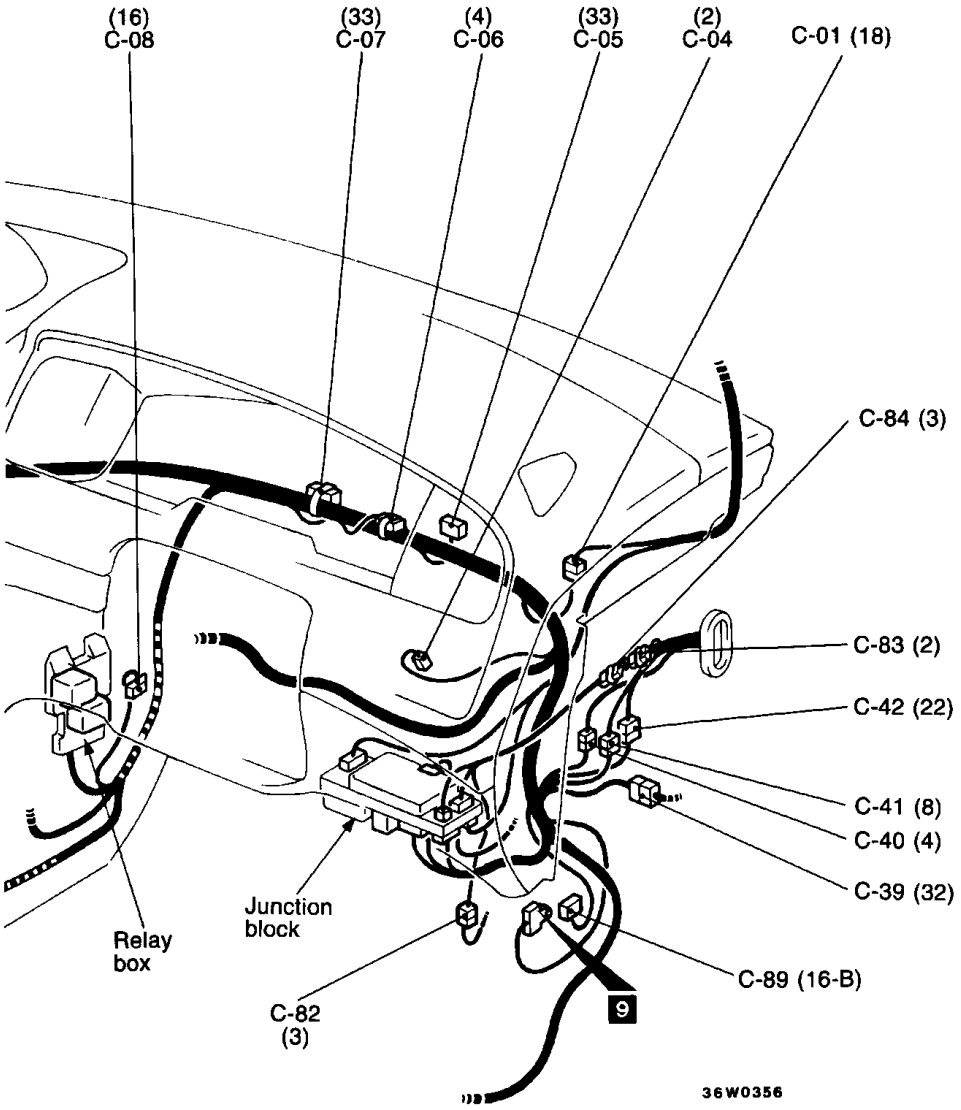
R.H. drive vehicles

Connector symbol

C



C-01 Roof wiring harness and body wiring harness combination
C-04 Stop lamp switch
C-05 J/C (1)
C-06 J/C (4)
C-07 J/C (2)
C-08 Diagnosis connector
C-12 Front blower switch
C-16 J/C (5)
C-17 Front door wiring harness (passenger's side) and body wiring harness combination
C-18 Control relay <MPI>
C-19 Rear intermittent wiper relay or jumper connector
C-23 Engine-ECU



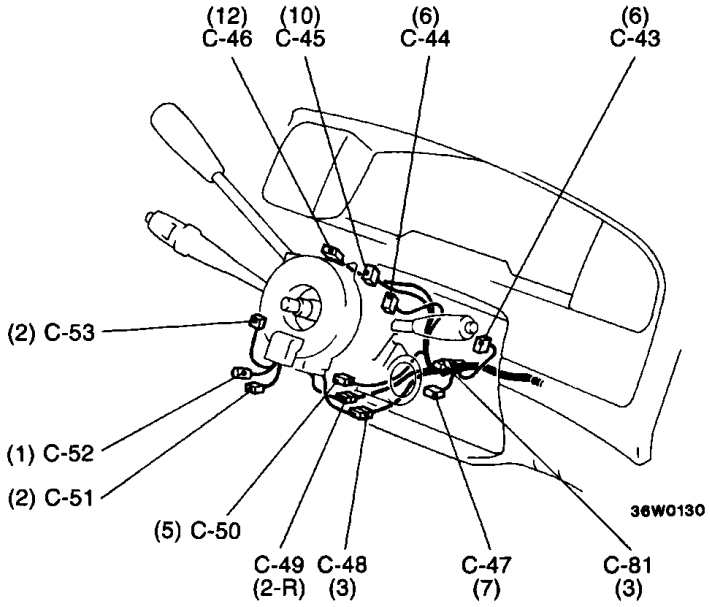
Connector color code
B : Black
Y : Yellow
L : Blue
G : Green
R : Red
BR : Brown
V : Violet
O : Orange
GR : Gray

C-24 Engine-ECU
C-25 Engine-ECU <Petrol> or glow-ECU <Diesel>
C-26 J/C (3)
C-27 Control wiring harness and body wiring harness combination
C-28 Control wiring harness and body wiring harness combination
C-29 Control wiring harness and body wiring harness combination
C-31 Diode (for ABS circuit)
C-32 ABS-ECU
C-33 ABS-ECU
C-34 SRS-ECU
C-36
C-39 Front door wiring harness (driver's side) and body wiring harness combination
C-40 Front wiring harness and body wiring harness combination <SRS>
C-41 Front wiring harness and body wiring harness combination
C-42 Front wiring harness and body wiring harness combination

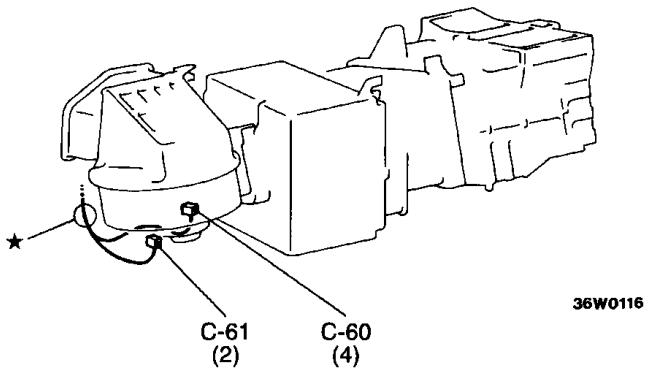
R.H. drive vehicles

Connector symbol
C

Steering column

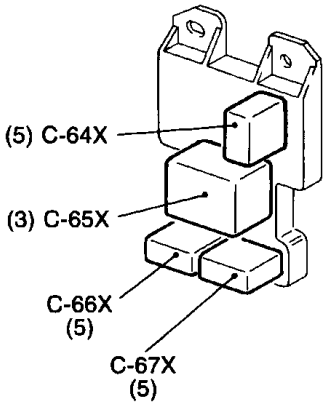


Front blower



C-43 Ignition switch
C-44 Column switch
C-45 Column switch
C-46 Column switch
C-47 Key reminder switch
C-48 Clock spring
C-49 Clock spring
C-50 Steering wheel sensor <ABS>
C-51 No connection <SRS>
C-52 Horn switch <SRS>
C-53 Air bag module (squib)
C-60 Front blower resister
C-61 Front blower motor
C-62X Door lock-ECU
C-65X Turn-signal and hazard warning flasher unit

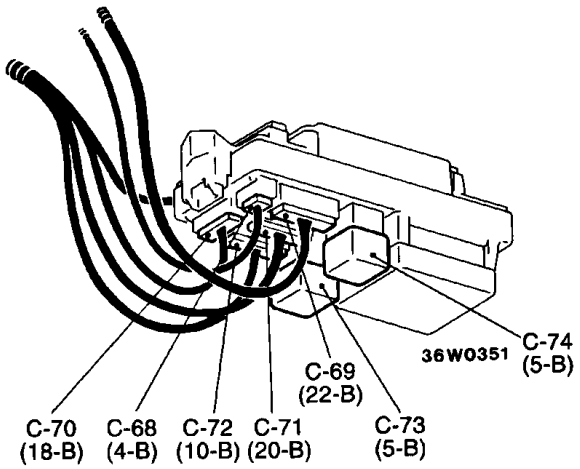
Relay box in passenger compartment



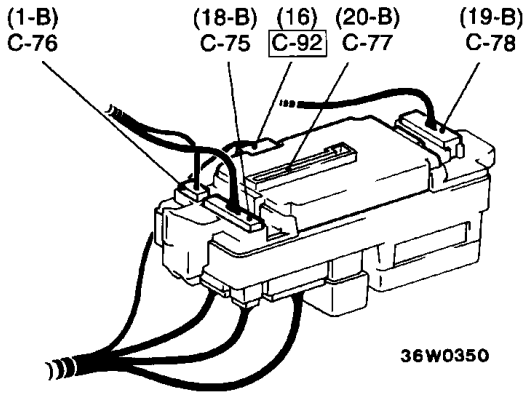
Connector color code
B : Black
Y : Yellow
L : Blue
G : Green
R : Red
BR : Brown
V : Violet
O : Orange
GR : Gray

Junction block

(Under view)



(Upper view)



C-64X Power window relay
C-65X Turn-signal and hazard flasher unit
C-66X Rear blower motor relay (HI) <Under seat type rear heater>
Rear blower motor relay <Built-in type rear heater>
C-67X Accessory socket relay
C-68 Roof wiring harness and junction block combination
C-69 Instrument panel wiring harness and junction block combination
C-70 Body wiring harness and junction block combination
C-71 Body wiring harness and junction block combination
C-72 Body wiring harness and junction block combination
C-73 Defogger relay
C-74 Front blower motor relay
C-75 Front wiring harness and junction block combination
C-76 Front wiring harness and junction block combination
C-77 Buzzer-ECU
C-78 Roof wiring harness and junction block combination
C-89 Immobilizer-ECU
C-90 –
C-91 Fuel pump relay
C-92 ETACS-ECU

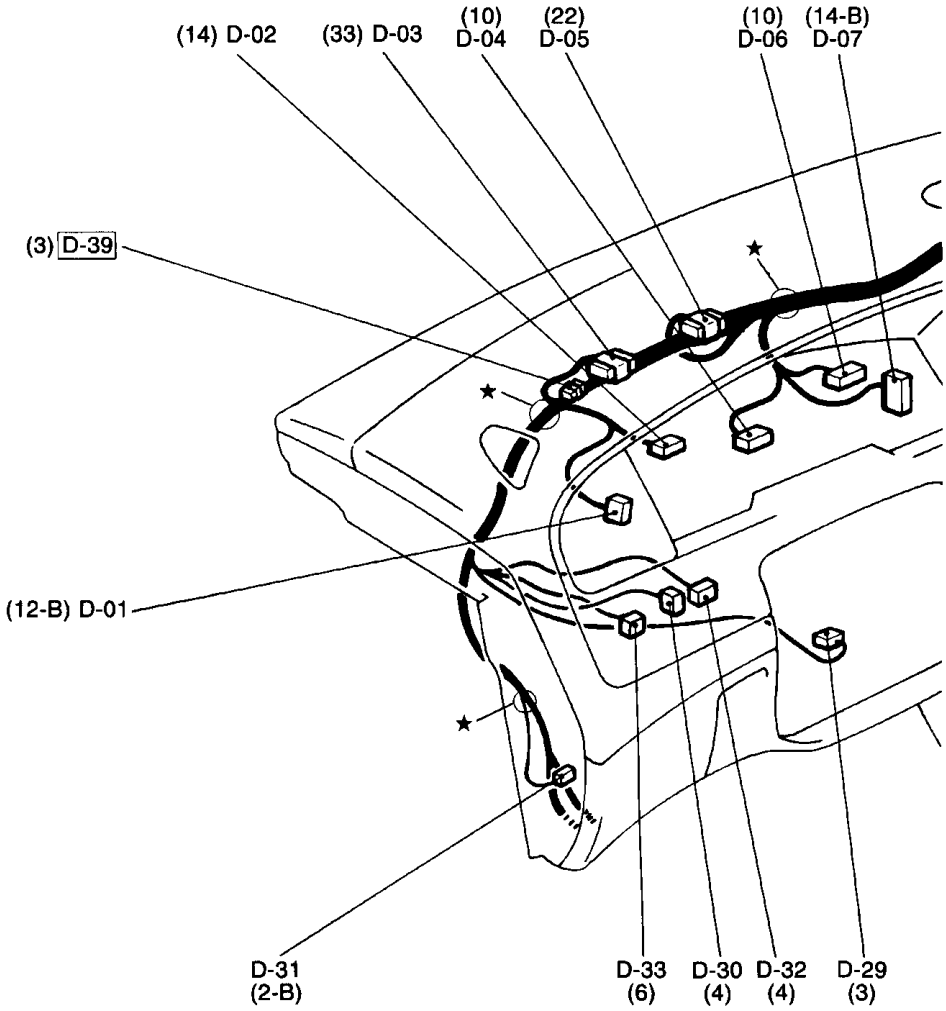
Remark
Connector number enclosed by a frame [ ] is newly added connector.

INSTRUMENT PANEL

L.H. drive vehicles

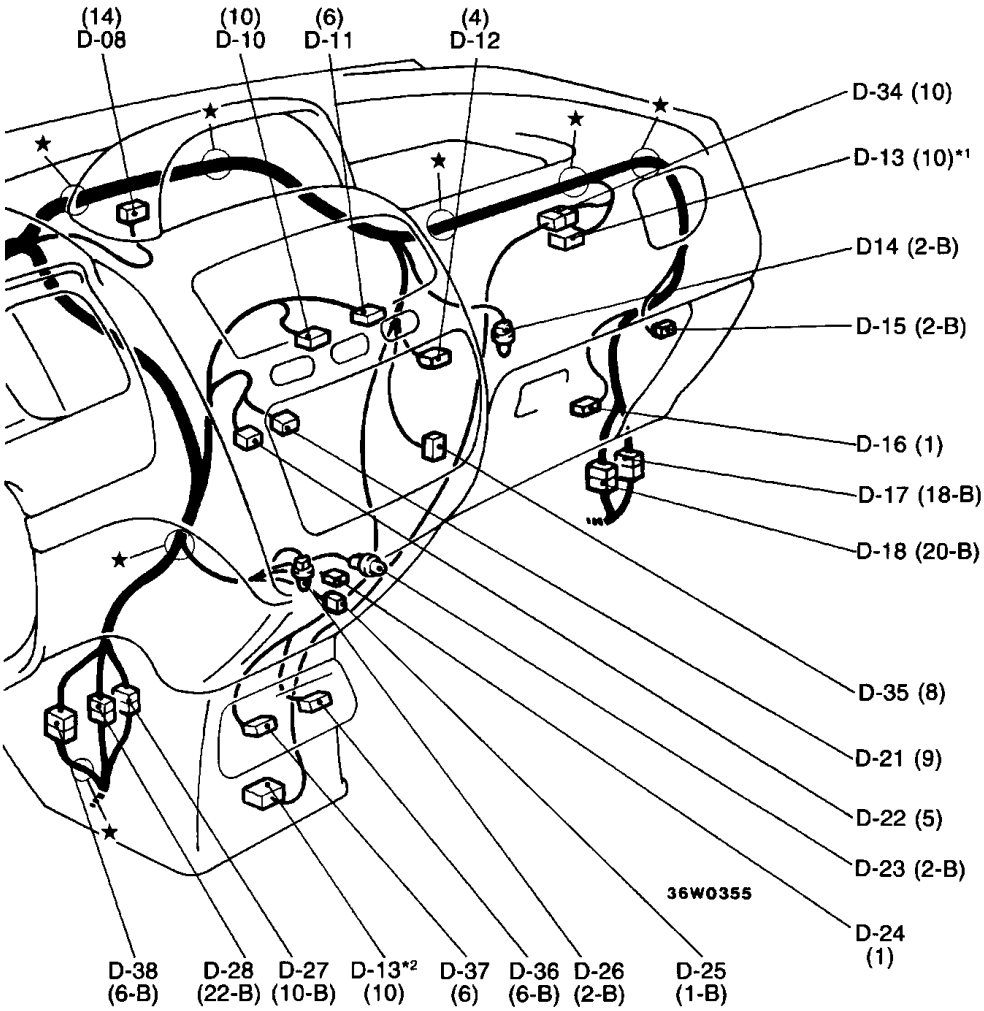
Connector symbol

D



Connector color code
B : Black
Y : Yellow
L : Blue
G : Green
R : Red
BR : Brown
V : Violet
O : Orange
GR : Gray

D-01 Combination meter
D-02 Combination meter
D-03 J/C (6)
D-04 Combination meter (A/T)
D-05 J/C (7)
D-06 Combination meter
D-07 Combination meter
D-08 Multi-meter
D-10 Hazard warning switch
D-11 Defogger switch
D-12 Clock
D-13 4WD indicator-ECU
D-14 Glove box lamp
D-15 Front speaker (passenger's side)
D-16 Glove box lamp switch
D-17 Control wiring harness and instrument panel wiring harness combination
D-18 Control wiring harness and instrument panel wiring harness combination <4WD or A/T>
D-21 Radio and tape player
D-22 Radio and tape player
D-23 Cigarette lighter illumination lamp
D-24 Cigarette lighter



D-25 Cigarette lighter
D-26 Ashtray illumination lamp
D-27 Body wiring harness and instrument panel wiring harness combination
D-28 Body wiring harness and instrument panel wiring harness combination
D-29 Overdrive switch <A/T>
D-30 Rheostat or jumper connector
D-31 Front speaker (driver's side)
D-32 Headlamp leveling switch
D-33 Rear fog lamp switch
D-34 Instrument panel wiring harness and 4WD indicator wiring harness combination <SRS (passenger's side)>
D-35 Overdrive control relay <A/T>
D-36 Heated seat switch (RH)
D-37 Heated seat switch (LH)
D-38 Body wiring harness and instrument panel wiring harness combination <Heated seat>
D-39 Diode (for room lamp circuit)

Remarks
*1: Vehicles without passenger's side air bag.
*2: Vehicles with passenger's side air bag.

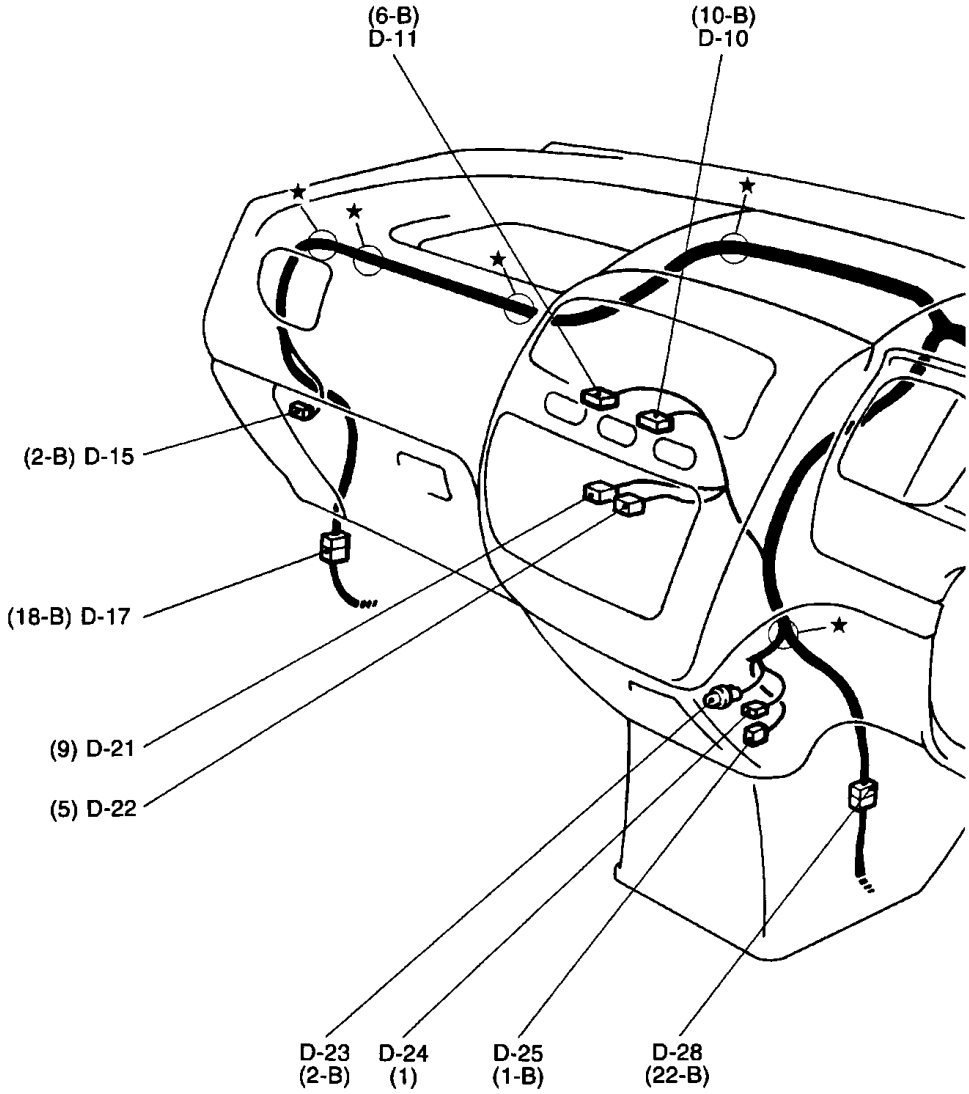
Connector number enclosed by a frame [ ] is newly added connector.

INSTRUMENT PANEL

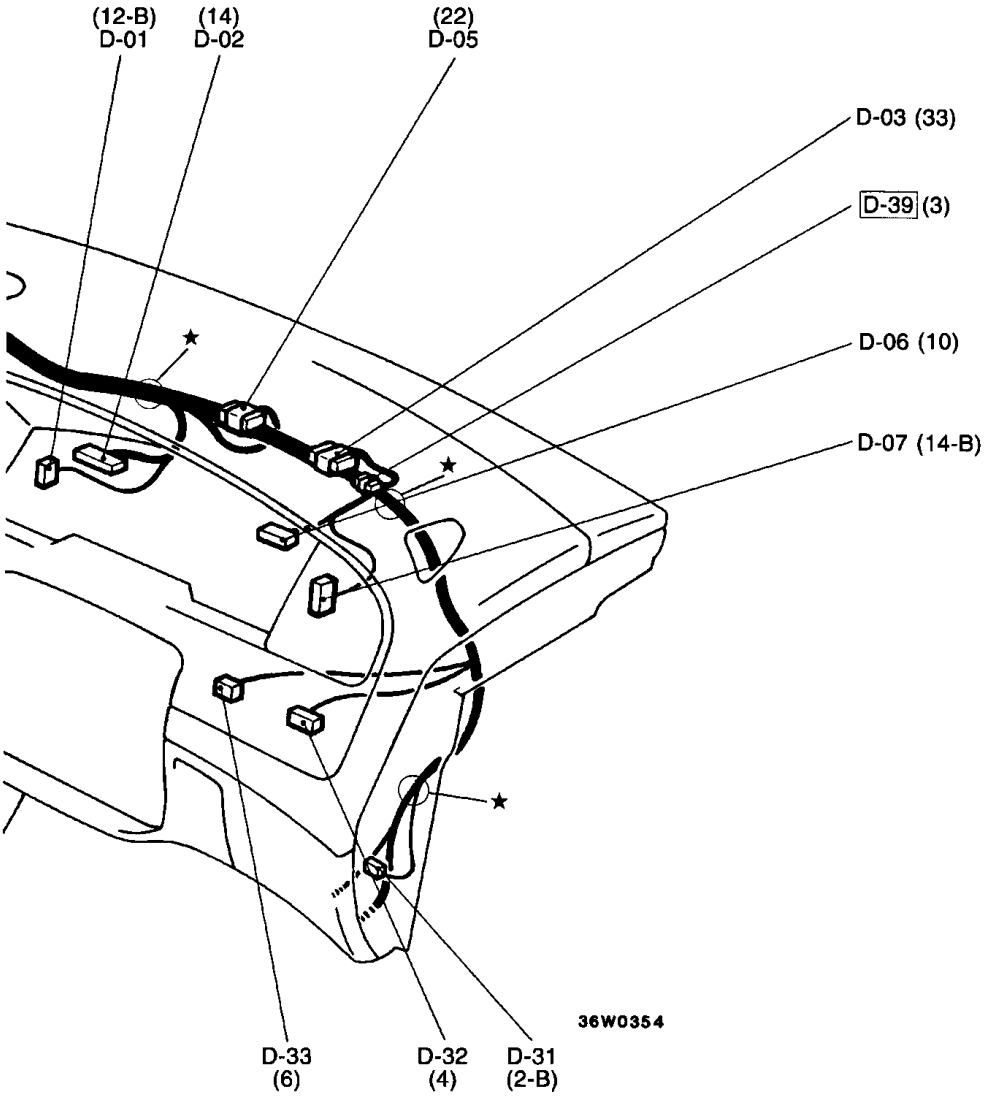
R.H. drive vehicles

Connector symbol

D



D-01 Combination meter
D-02 Combination meter
D-03 J/C (6)
D-05 J/C (7)
D-06 Combination meter
D-07 Combination meter
D-10 Hazard warning switch
D-11 Defogger switch
D-15 Front speaker (passenger's side)
D-17 Control wiring harness and instrument panel wiring harness combination



Connector color code
B : Black
Y : Yellow
L : Blue
G : Green
R : Red
BR : Brown
V : Violet
O : Orange
GR : Gray

D-21 Radio and tape player
D-22 Radio and tape player
D-23 Cigarette lighter illumination lamp
D-24 Cigarette lighter
D-25 Cigarette lighter
D-28 Body wiring harness and instrument panel wiring harness combination
D-31 Front speaker (driver's side)
D-32 Headlamp leveling switch
D-33 Rear fog lamp switch
D-39 Diode (for Room lamp circuit)

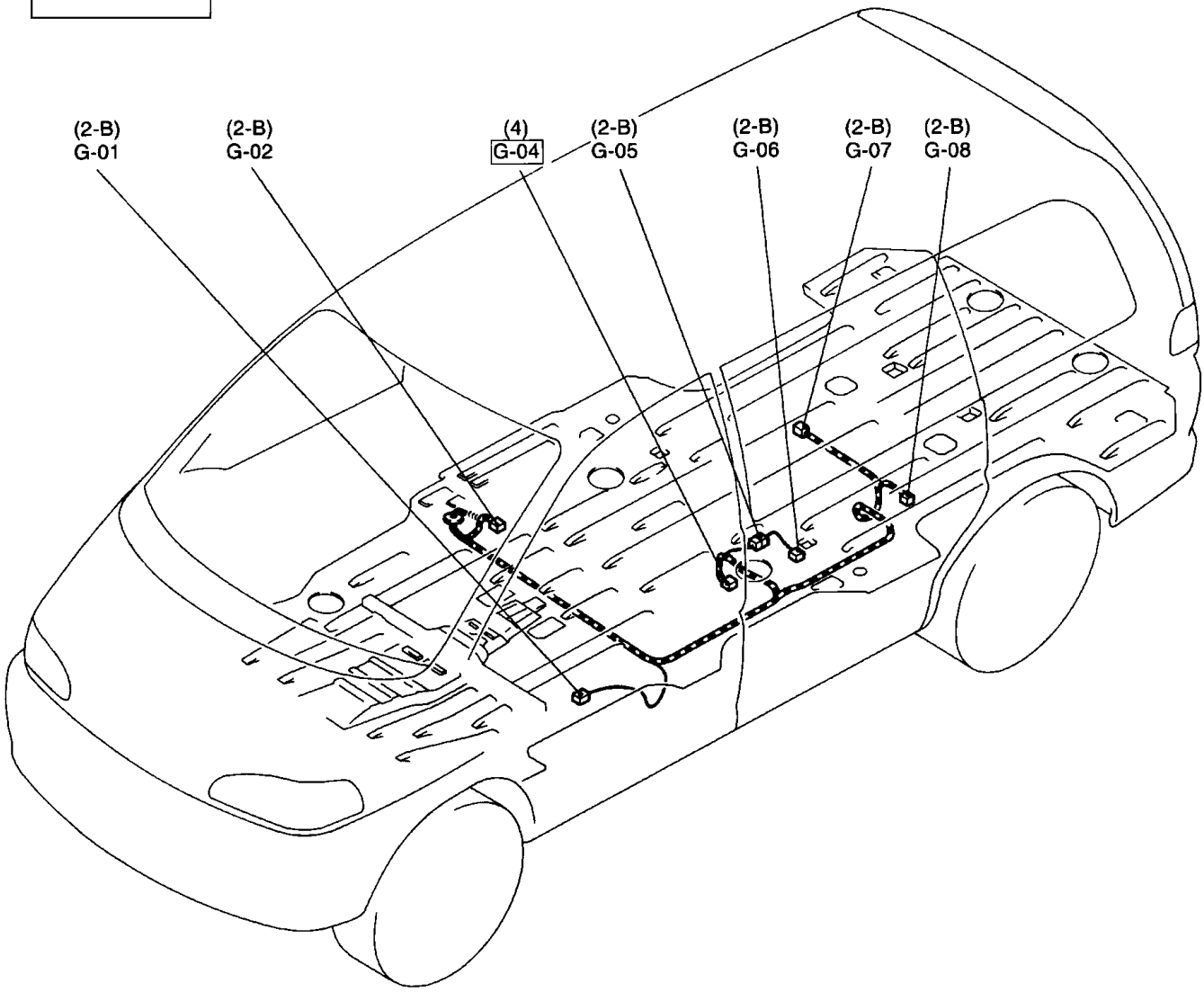
Remark
Connector number enclosed by a frame [ ] is newly added connector.

UNDER FLOOR

R.H. drive vehicles

Connector symbol

G



36W0122

G-01	No connection
G-02	No connection
G-03	–
G-04	Fuel gauge unit
G-05	Fuel pump wiring harness and fuel gauge wiring harness combination <Petrol>
G-06	Fuel pump <Petrol>
G-07	Rear wheel speed sensor (RH) <ABS>
G-08	Rear wheel speed sensor (LH) <ABS>

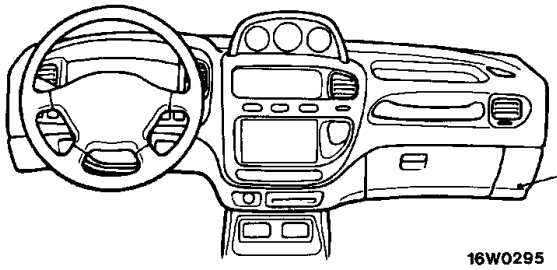
Remark
The connector No. enclosed in a box, indicates a connector of which the No. of poles has been changed.

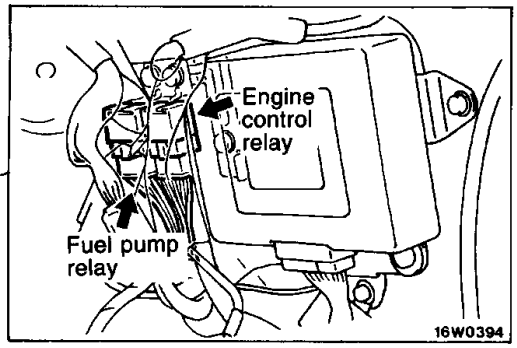
SINGLE PART INSTALLATION POSITION

CONTENTS

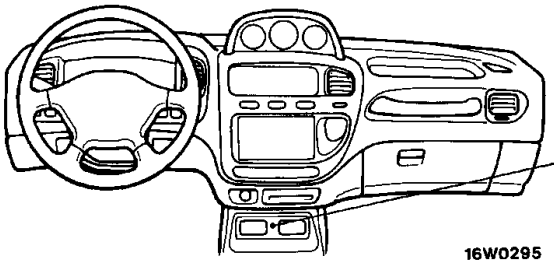
RELAY 2
ECU 2
DIODE 2

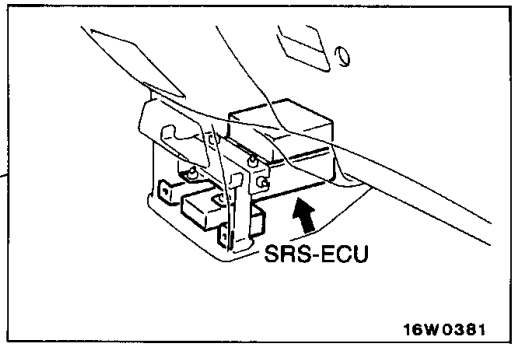
RELAY



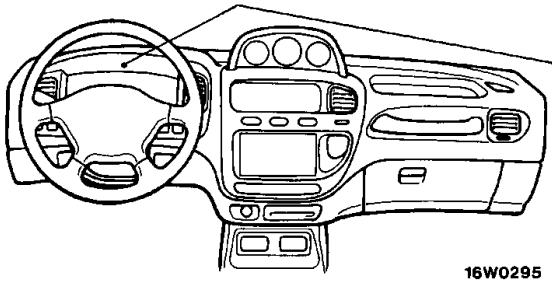


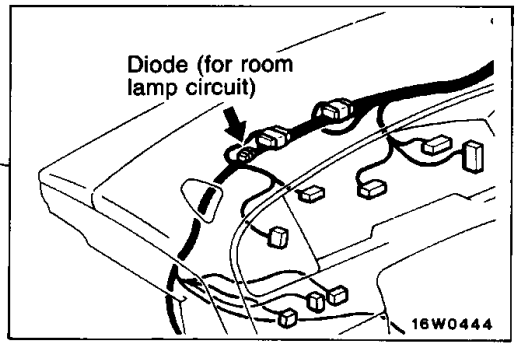
ECU





DIODE





CIRCUIT DIAGRAMS

CONTENTS

JUNCTION BLOCK (J/B) 3

POWER DISTRIBUTION SYSTEM

L.H. drive vehicles 8

R.H. drive vehicles 14

STARTING SYSTEM

L.H. drive vehicles

<Petrol-powered vehicles> 20

R.H. drive vehicles

<Petrol-powered vehicles> 21

<Diesel-powered vehicles> 22

CHARGING SYSTEM 23

GLOW SYSTEM 24

MPI SYSTEM

L.H. drive vehicles 26

R.H. drive vehicles 34

OVERDRIVE CONTROL SYSTEM 42

HEADLAMP

L.H. drive vehicles with daytime running lamp 46

L.H. drive vehicles without daytime running lamp 50

R.H. drive vehicles 52

TAIL LAMP, POSITION LAMP AND LICENCE PLATE LAMP

L.H. drive vehicles 54

R.H. drive vehicles 56

REAR FOG LAMP

L.H. drive vehicles 58

R.H. drive vehicles 62

HEADLAMP LEVELING SYSTEM

L.H. drive vehicles 66

R.H. drive vehicles 68

ROOM LAMP

L.H. drive vehicles with sunroof 70

L.H. drive vehicles with crystal lite roof 72

L.H. drive vehicles without sunroof 74

R.H. drive vehicles 76

DOOR LAMP AND STEP LAMP 78

GLOVE BOX LAMP 80

IGNITION KEY CYLINDER ILLUMINATION LAMP

<With ETACS> 81

<Without ETACS> 82

TURN-SIGNAL LAMP AND HAZARD WARNING LAMP

L.H. drive vehicles 84

R.H. drive vehicles 86

STOP LAMP

L.H. drive vehicles 88

R.H. drive vehicles 89

BACK-UP LAM

M/T 90

A/T 91

HORN

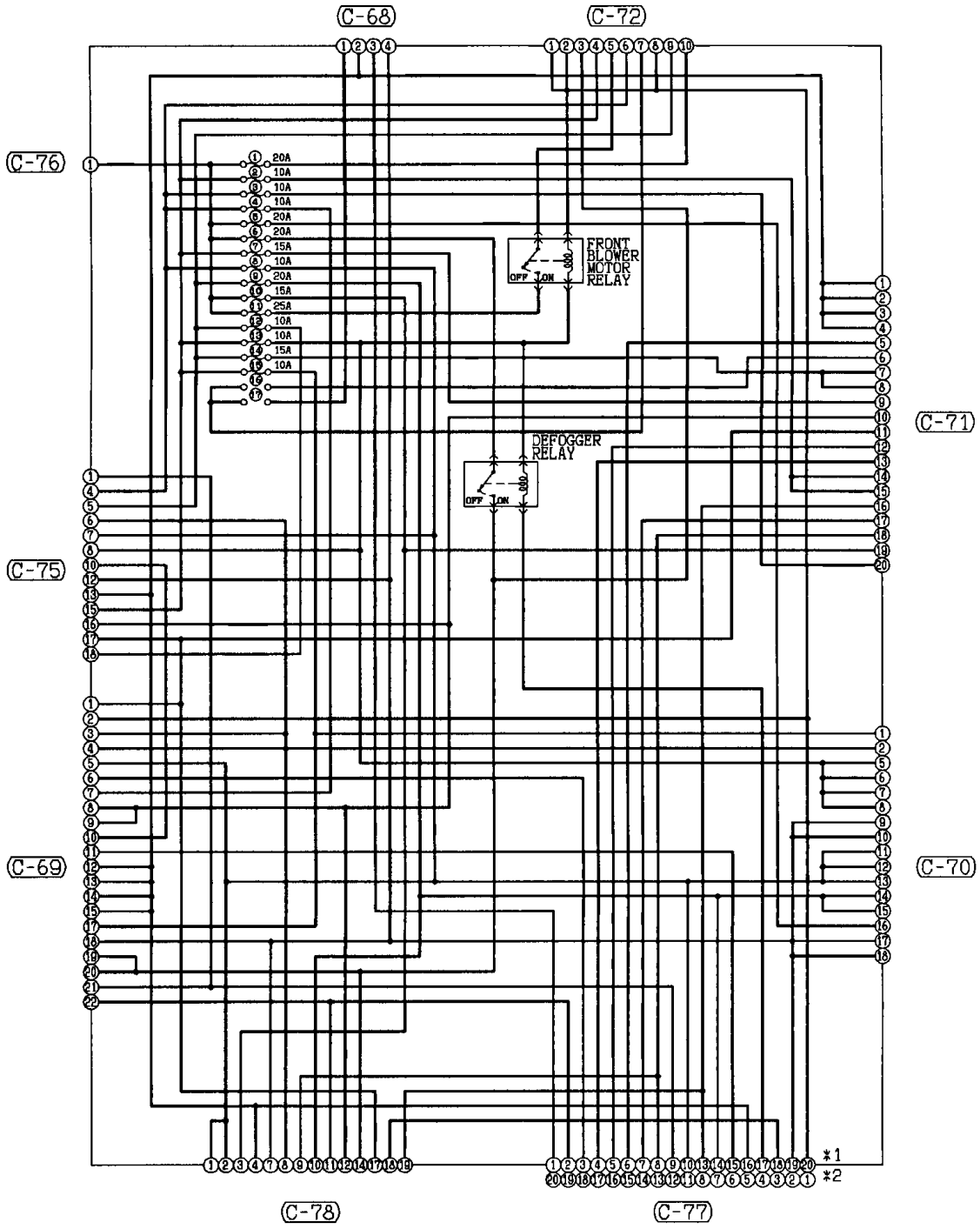
Vehicles with SRS 92

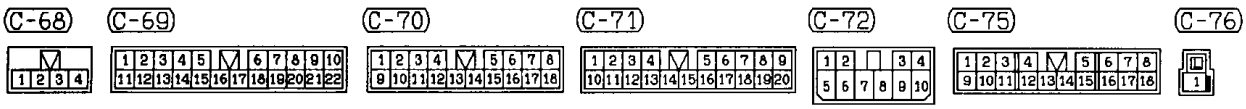
Vehicles without SRS 93

METER AND GAUGE
L.H. drive vehicles 94
R.H. drive vehicles 98
FUEL WARNING LAMP
L.H. drive vehicles 102
OIL PRESSURE WARNING LAMP
L.H. drive vehicles 102
FUEL FILTER WARNING LAMP
L.H. drive vehicles <4D56> 103
BRAKE WARNING LAMP
L.H. drive vehicles 103
ENGINE OIL LEVEL WARNING LAMP
L.H. drive vehicles 104
FUEL WARNING LAMP
R.H. drive vehicles 106
OIL PRESSURE WARNING LAMP
R.H. drive vehicles 106
FUEL FILTER WARNING LAMP
R.H. drive vehicles <4D56> 107
BRAKE WARNING LAMP
R.H. drive vehicles 107
ENGINE OIL LEVEL WARNING LAMP
R.H. drive vehicles 108
MULTI-METER 109
CENTRAL DOOR LOCKING SYSTEM 110
POWER WINDOWS 114
HEATER
L.H. drive vehicles with under seat type rear heater 116
L.H. drive vehicles with built-in type rear heater 120
L.H. drive vehicles without rear heater 124
SINGLE AIR CONDITIONER
MPI 126
Diesel 130
DUAL AIR CONDITIONER
Over head type <MPI> 134
Over head type <Diesel> 140
Built-in type 146
WINDSHIELD WIPER AND WASHER
L.H. drive vehicles 154
REAR WIPER AND WASHER 156
HEADLAMP WASHER 158
DEFOGGER AND DOOR MIRROR HEATER
L.H. drive vehicles 160
RADIO AND TAPE PLAYER
L.H. drive vehicles 162
R.H. drive vehicles 164
ACCESSORY SOCKET 165
ANTI-LOCK BRAKING SYSTEM (ABS)
L.H. drive vehicles <2WD> 166
L.H. drive vehicles <4WD> 170
R.H. drive vehicles 176
FRONT SUNROOF 180
REAR SUNROOF 182
PART TIME 4WD SYSTEM 184
CRYSTAL LITE ROOF SUNSHADE 186
RHEOSTAT 188
SUPPLEMENTAL RESTRAINT SYSTEM (SRS) 190
LIGHTING MONITOR BUZZER
L.H. drive vehicles 192
R.H. drive vehicles 194
IMMOBILIZER SYSTEM
Petrol-powered vehicles 196
Diesel-powered vehicles 198

JUNCTION BLOCK (J/B)

<Vehicles with ETACS>

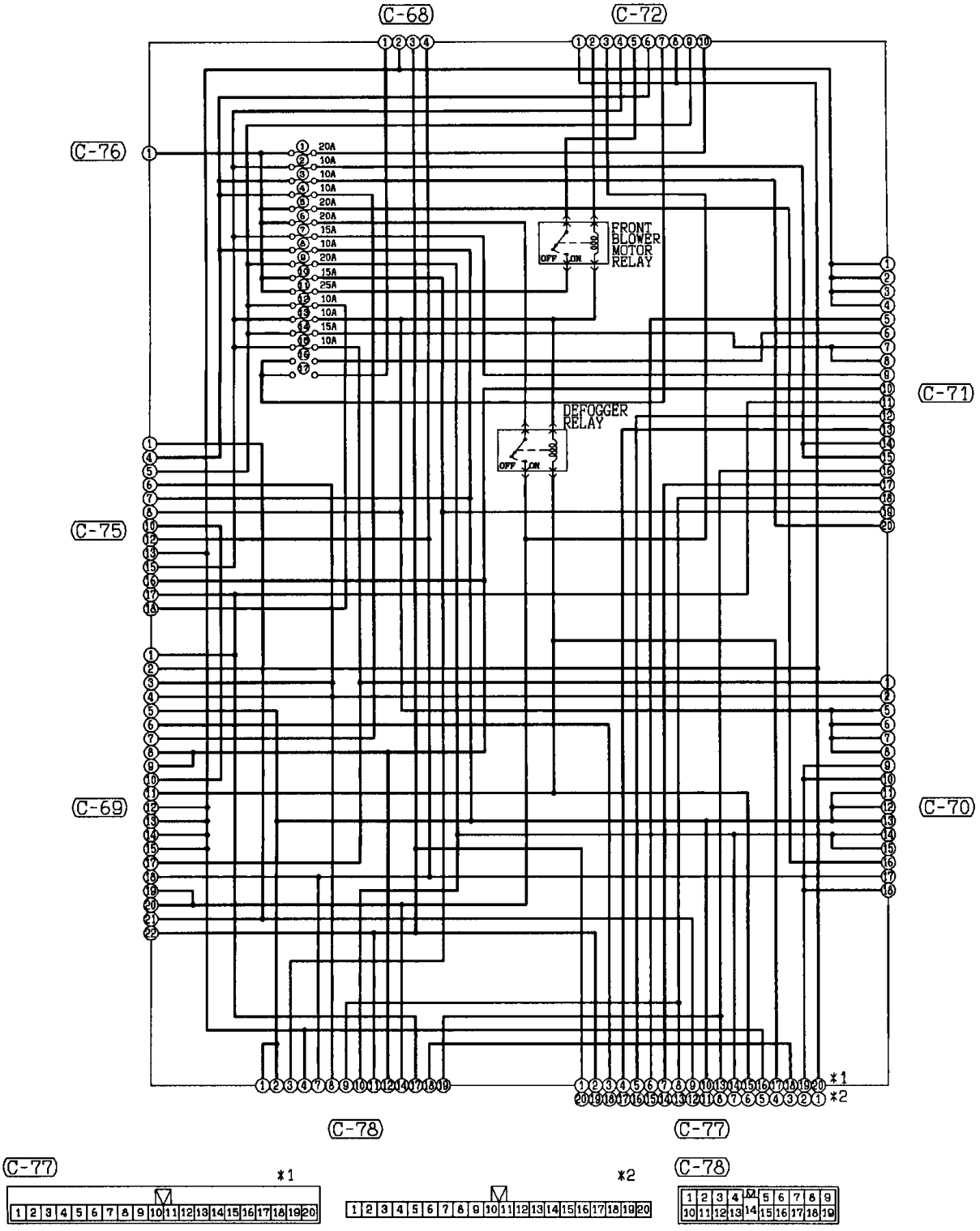




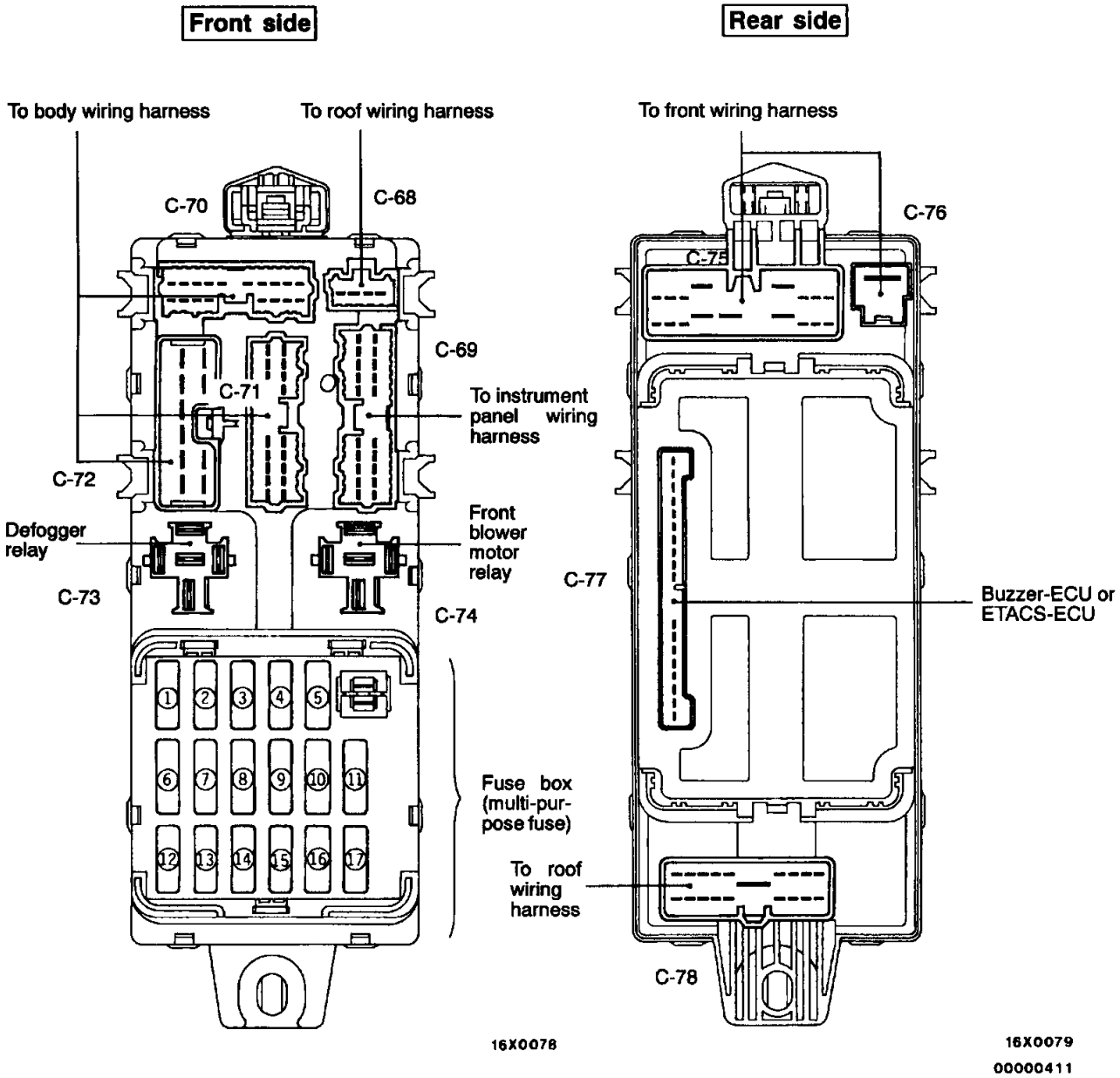
REMARKS
CONNECTOR NUMBERS ARE KEYED TO THE CONFIGURATION DIAGRAM (DASH PANEL) AND EACH CIRCUIT DIAGRAM.
*1: J/B SIDE
*2: ETACS-ECU OR BUZZER-ECU SIDE

HW00E00AA

<Vehicles without ETACS>



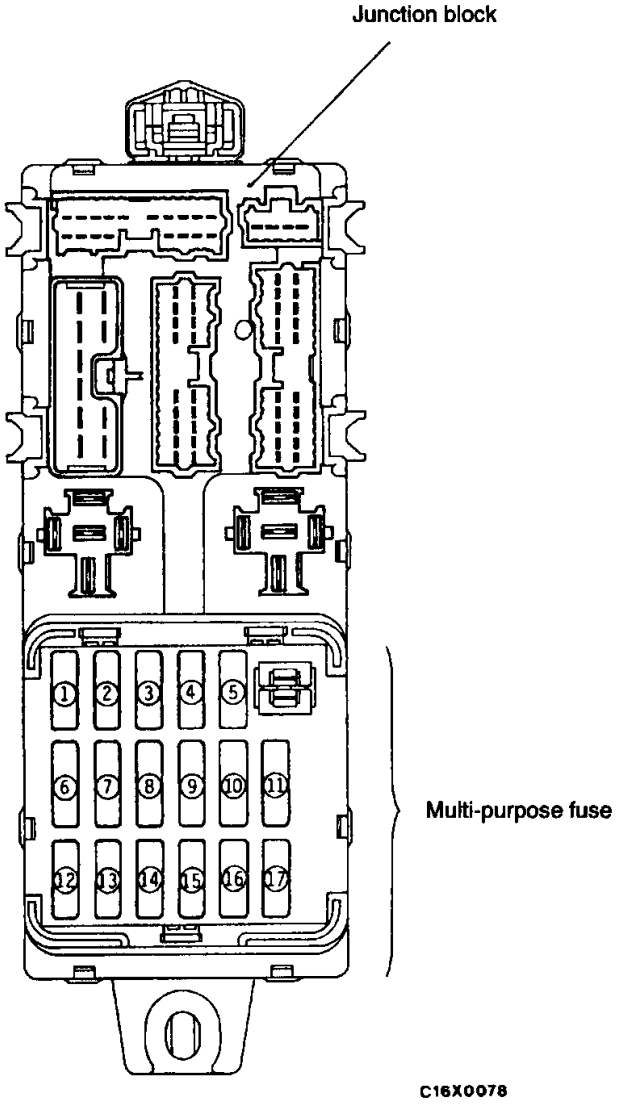
HW00E00AB


Front side
Rear side
To body wiring harness
To roof wiring harness
To front wiring harness
C-70
C-68
C-76
C-75
C-69
C-71
To instrument panel wiring harness
C-72
Defogger relay
Front blower motor relay
C-73
C-74
C-77
Buzzer-ECU or ETACS-ECU
Fuse box (multi-purpose fuse)
To roof wiring harness
C-78
16X0078
16X0079
00000411

CENTRALIZED JUNCTION

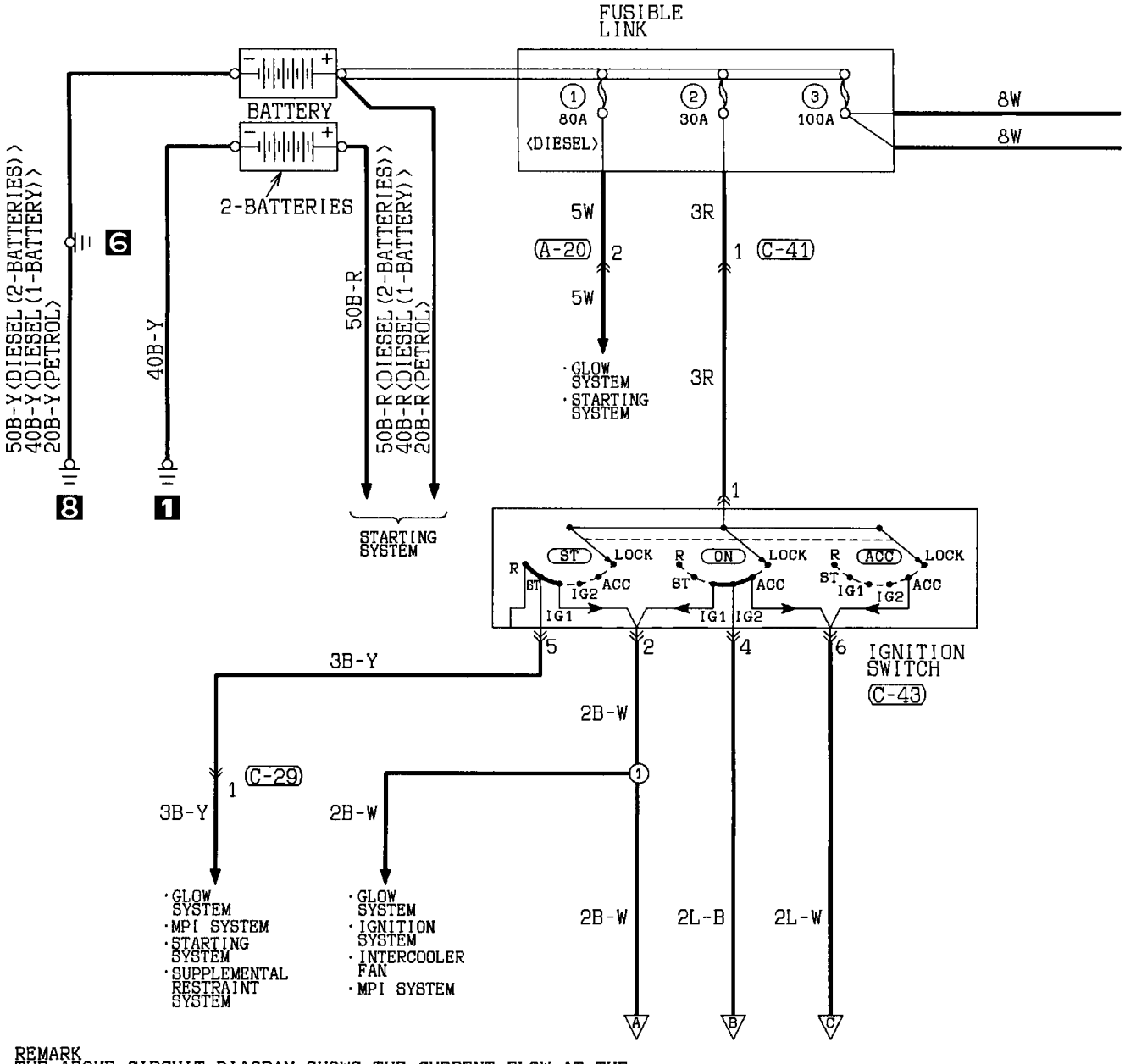
MULTI-PURPOSE FUSE (in junction block)

Power supply circuit		No.	Rated capacity (A)	Housing colour	Load circuit
Battery		1	20	Yellow	A/C-ECU <built-in type A/C>, overhead cooling unit, rear blower motor <rear heater> and rear A/C magnetic valve <built-in type A/C>
Ignition switch	IG2	2	10	Red	ABS-ECU and ABS G sensor <4WD>
	IG1	3	10	Red	Back-up lamp, vehicle speed sensor, overdrive control relay and engine oil level relay
	IG1	4	10	Red	SRS diagnosis unit, turn-signal and hazard warning flasher unit
Battery		5	20	Yellow	Accessory socket
		6	20	Yellow	Defogger
Ignition switch	IG2	7	15	Blue	Heated seat
	IG1	8	10	Red	Buzzer-ECU, combination meter, fuel line heater, SRS diagnosis unit, steering wheel sensor and sunroof-ECU
	ACC	9	20	Yellow	Intermittent wiper relay, washer motor and wiper motor
Battery		10	15	Blue	ETACS-ECU, door lock relay
		11	25	Transparent	Front blower motor
Ignition switch	ACC	12	10	Red	Horn and horn relay <SRS>
	IG2	13	10	Red	A/C-ECU, A/C thermostat, overhead cooling unit, defogger relay, sunshade relay, power window relay, multi-meter, 4WD indicator-ECU, front A/C switch, front condenser fan motor relay <single A/C (4D56)>, front blower motor relay, front A/C magnetic valve, rear heater switch, rear blower motor relay, rear A/C magnetic valve <under seat type A/C>, DRL relay 1, dim-dip lamp relay and headlamp washer relay
	ACC	14	15	Blue	Cigarette lighter, rear wiper motor and remote controlled mirror
	IG2	15	10	Red	Overdrive control relay
Battery		16	–	–	–
		17	–	–	–

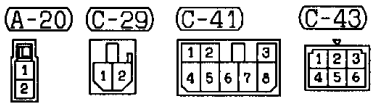

Junction block
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
Multi-purpose fuse
C16X0078

POWER DISTRIBUTION SYSTEM

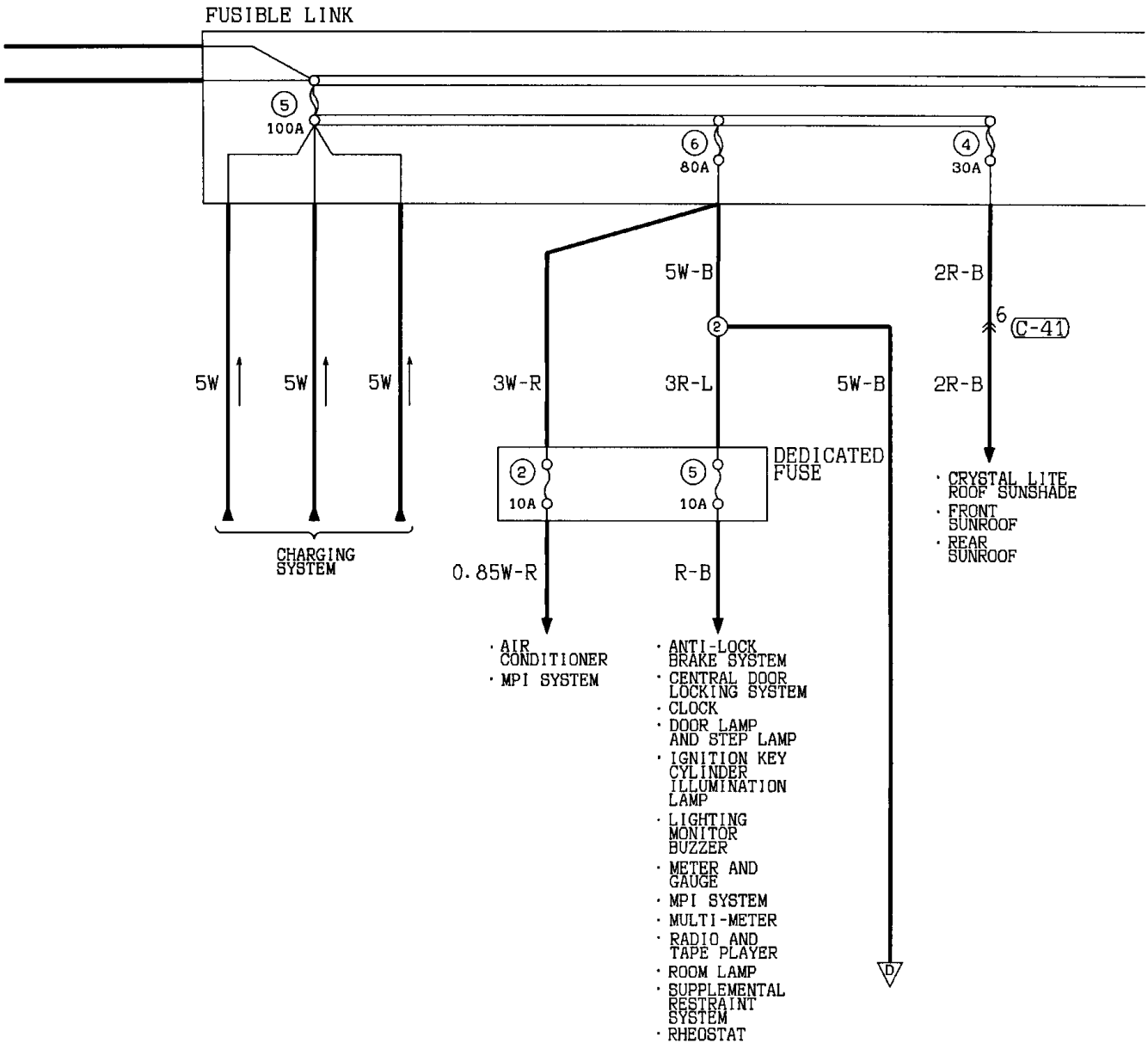
L.H. drive vehicles



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.



HW01E00AA

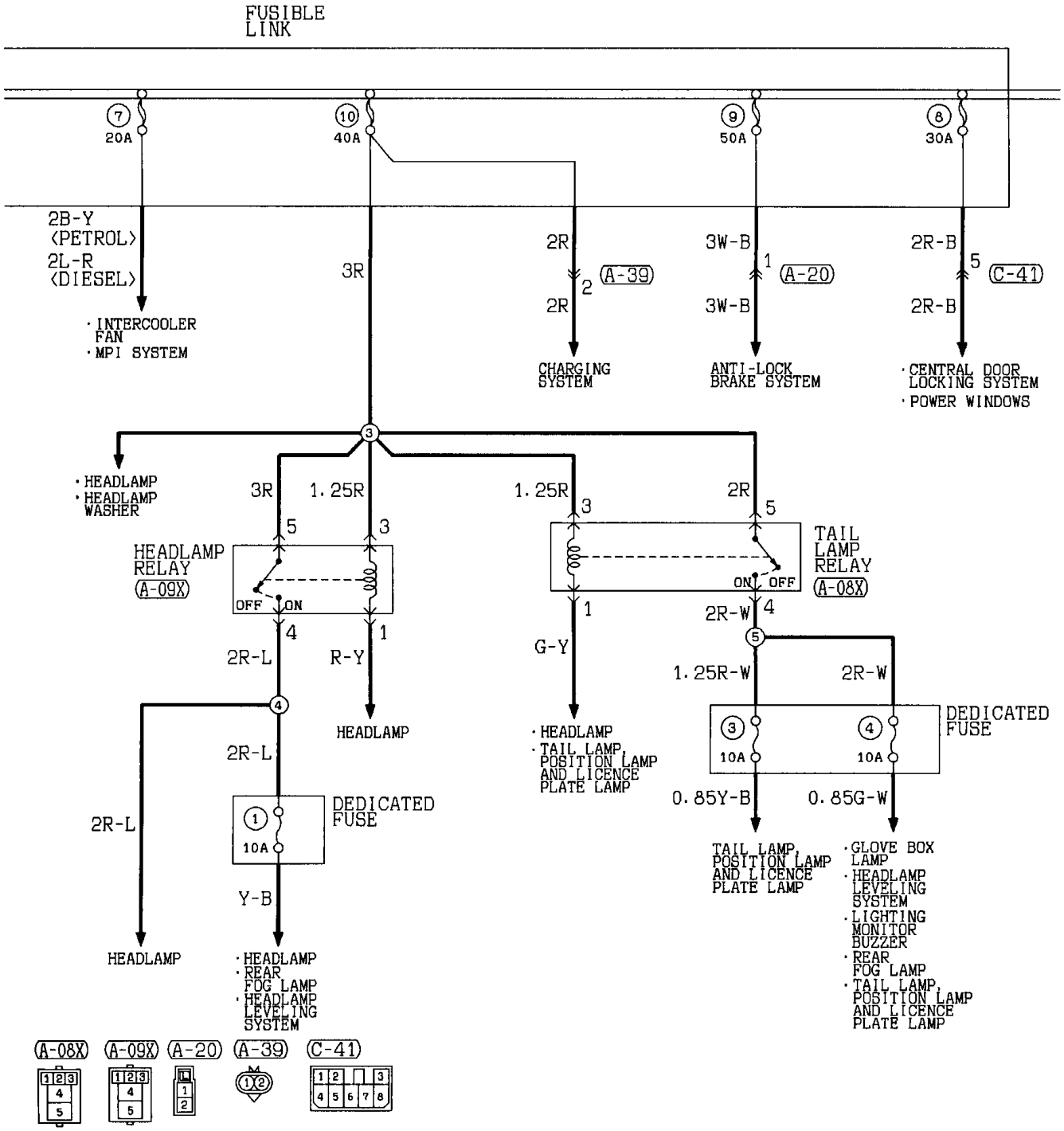


Wire colour code

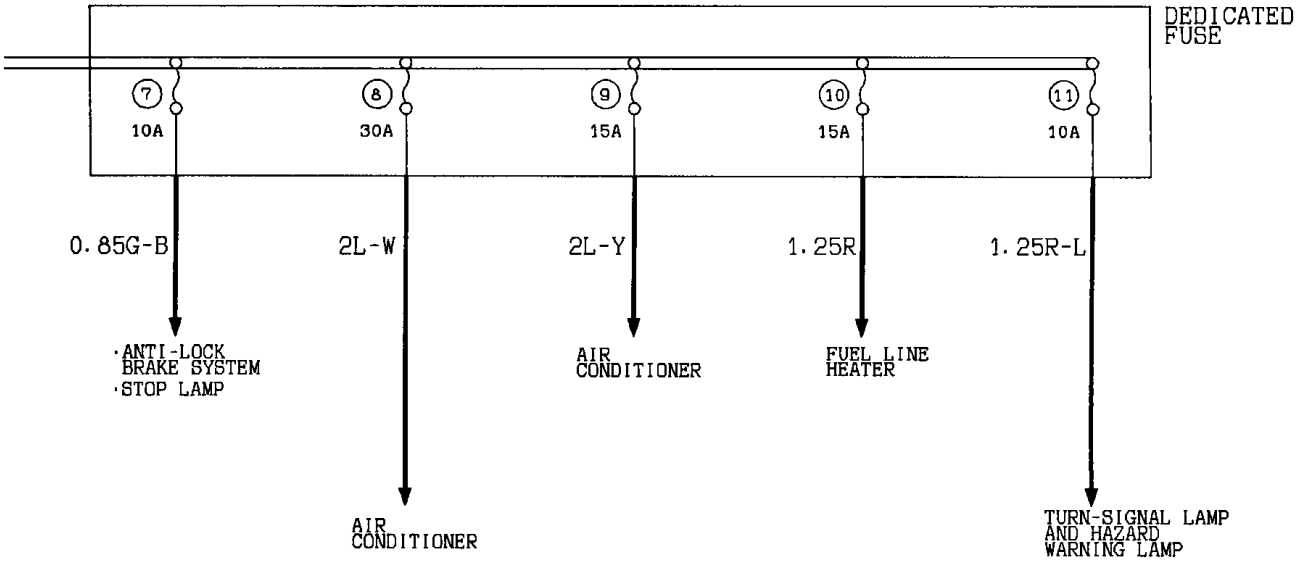
B :Black	LG:Light green	G :Green	L :Blue	W :White	Y :Yellow	SB:Sky blue
BR:Brown	O :Orange	GR:Gray	R :Red	P :Pink	V :Violet	

HW01E00AB

POWER DISTRIBUTION SYSTEM <L.H. drive vehicles> (CONTINUED)



HW01E00BA

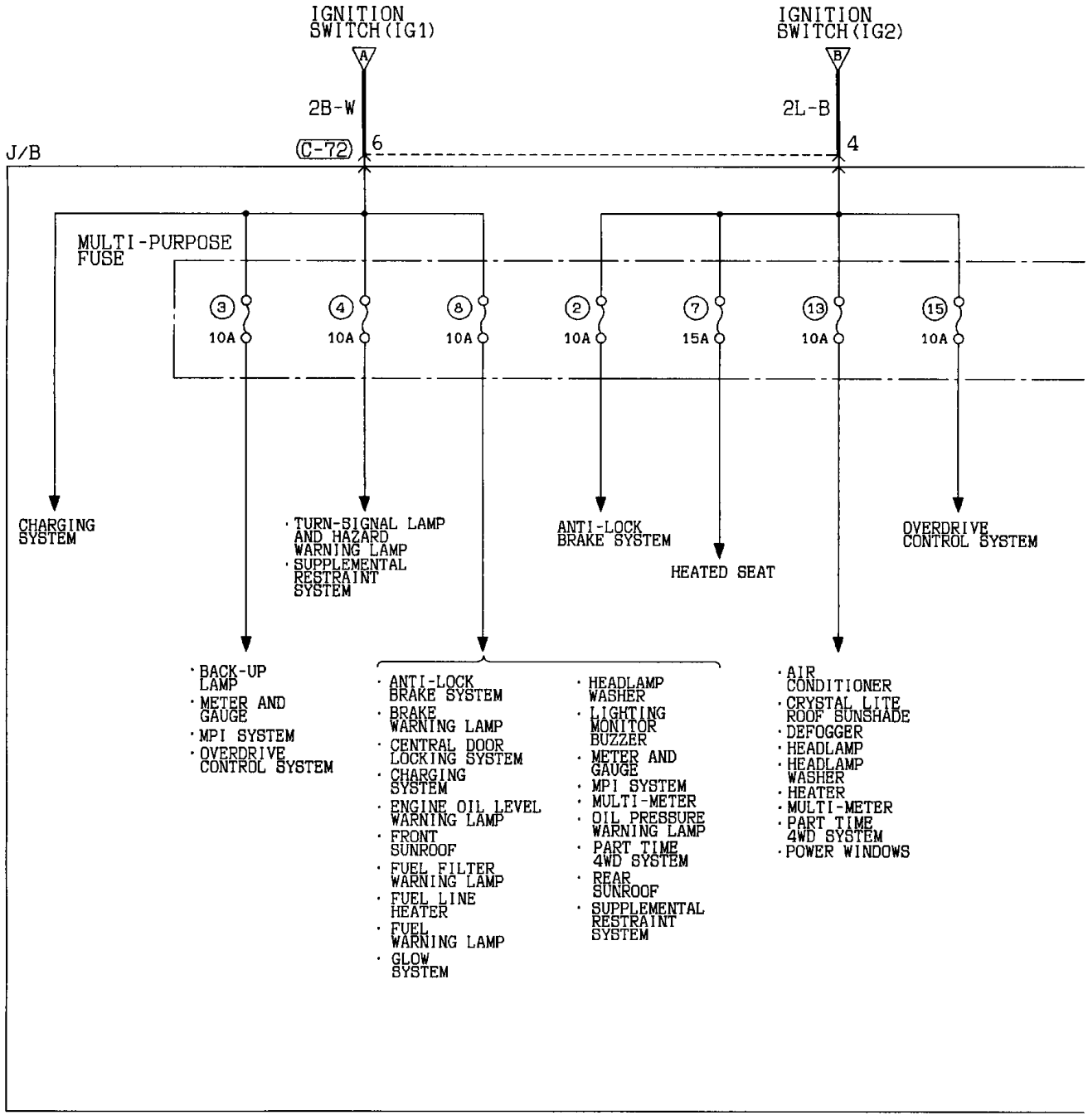


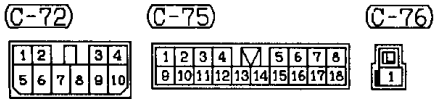
Wire colour code

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	

HW01E00BB

POWER DISTRIBUTION SYSTEM <L.H. drive vehicles> (CONTINUED)





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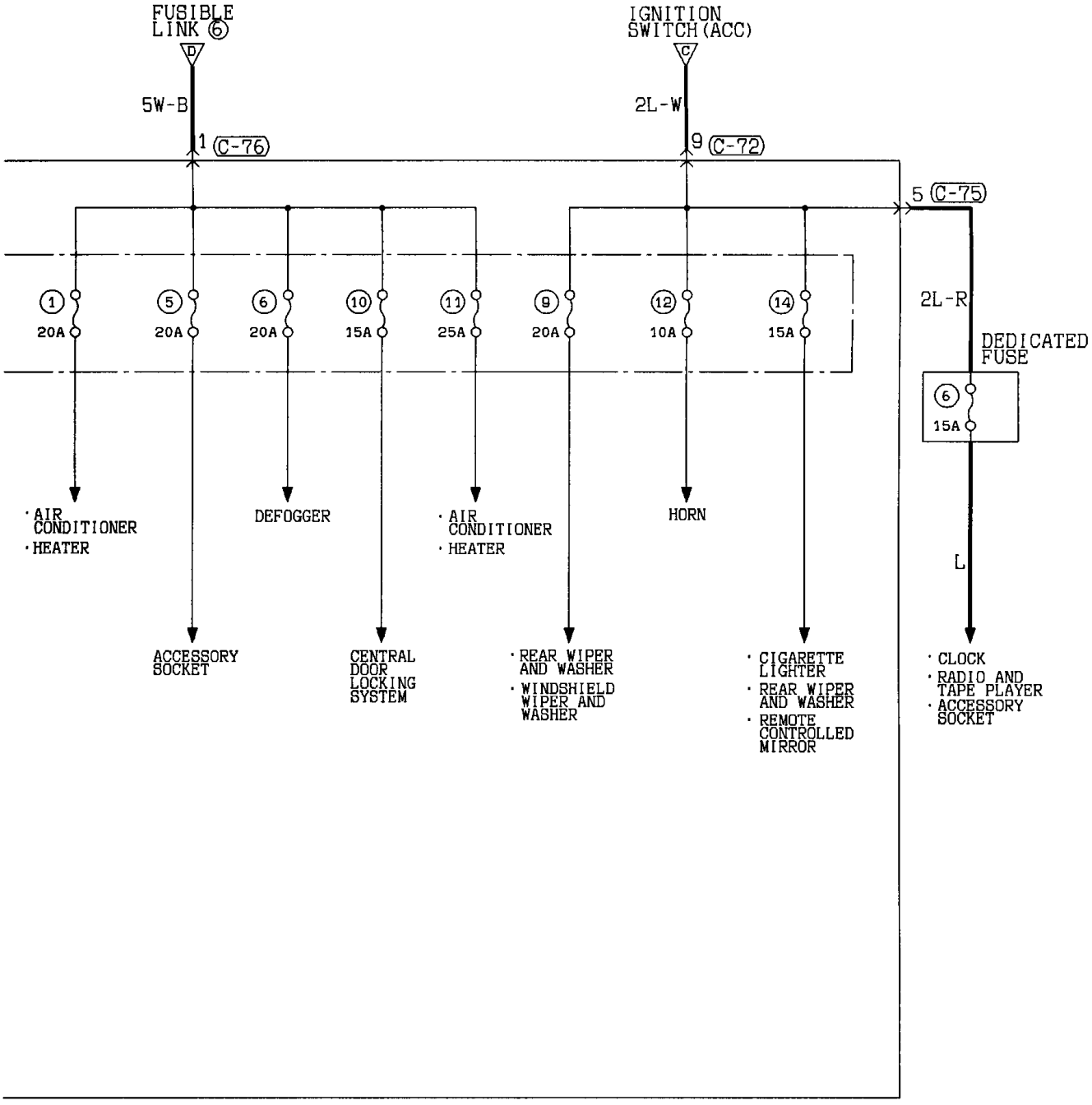
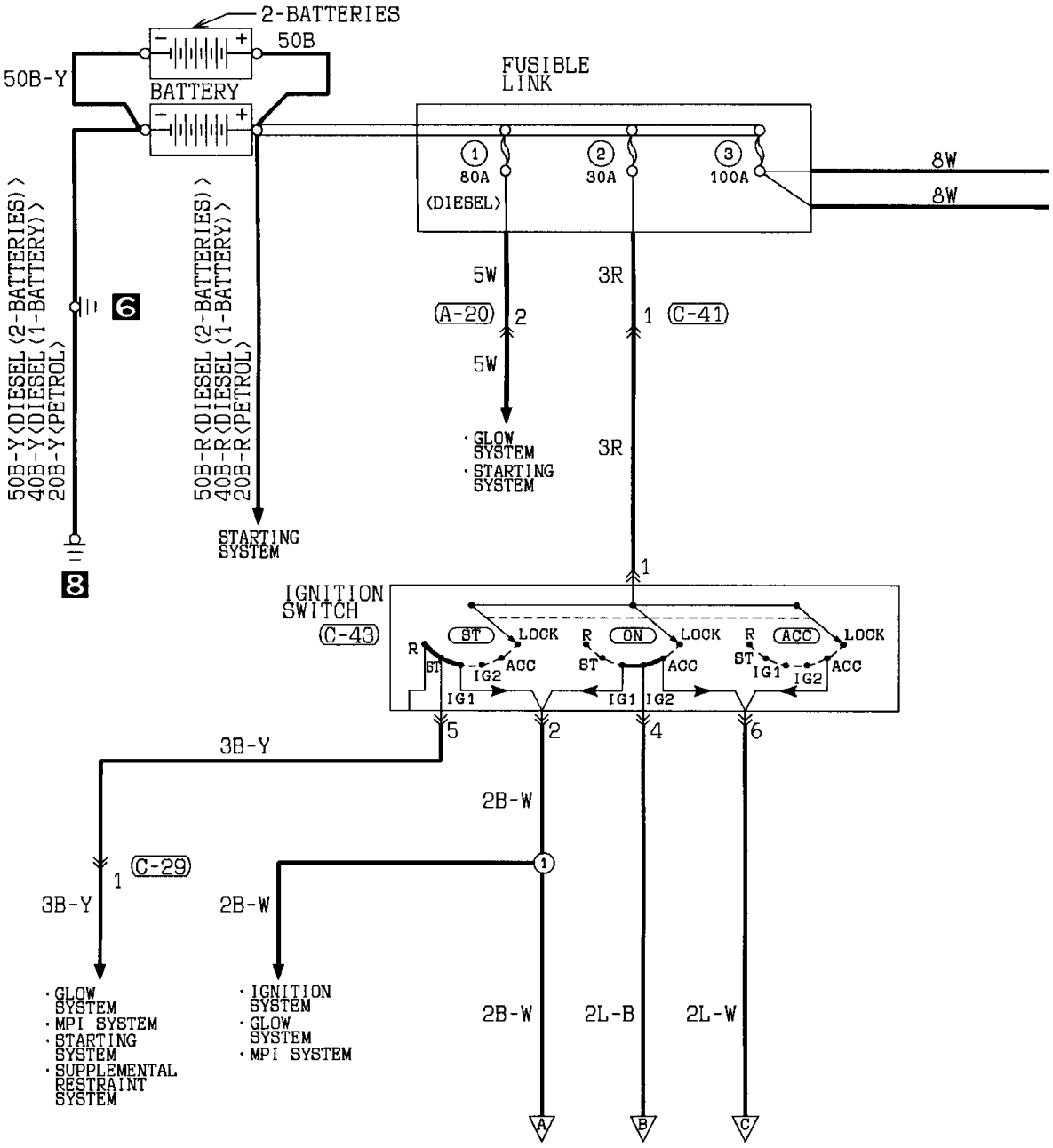


Wire colour code

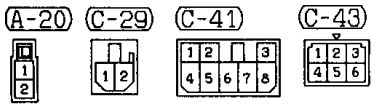
B :Black	LG:Light green	G :Green	L :Blue	W :White	Y :Yellow	SB:Sky blue	
BR:Brown	O :Orange	GR:Gray	R :Red	P :Pink	V :Violet		

POWER DISTRIBUTION SYSTEM

R.H. drive vehicles



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.



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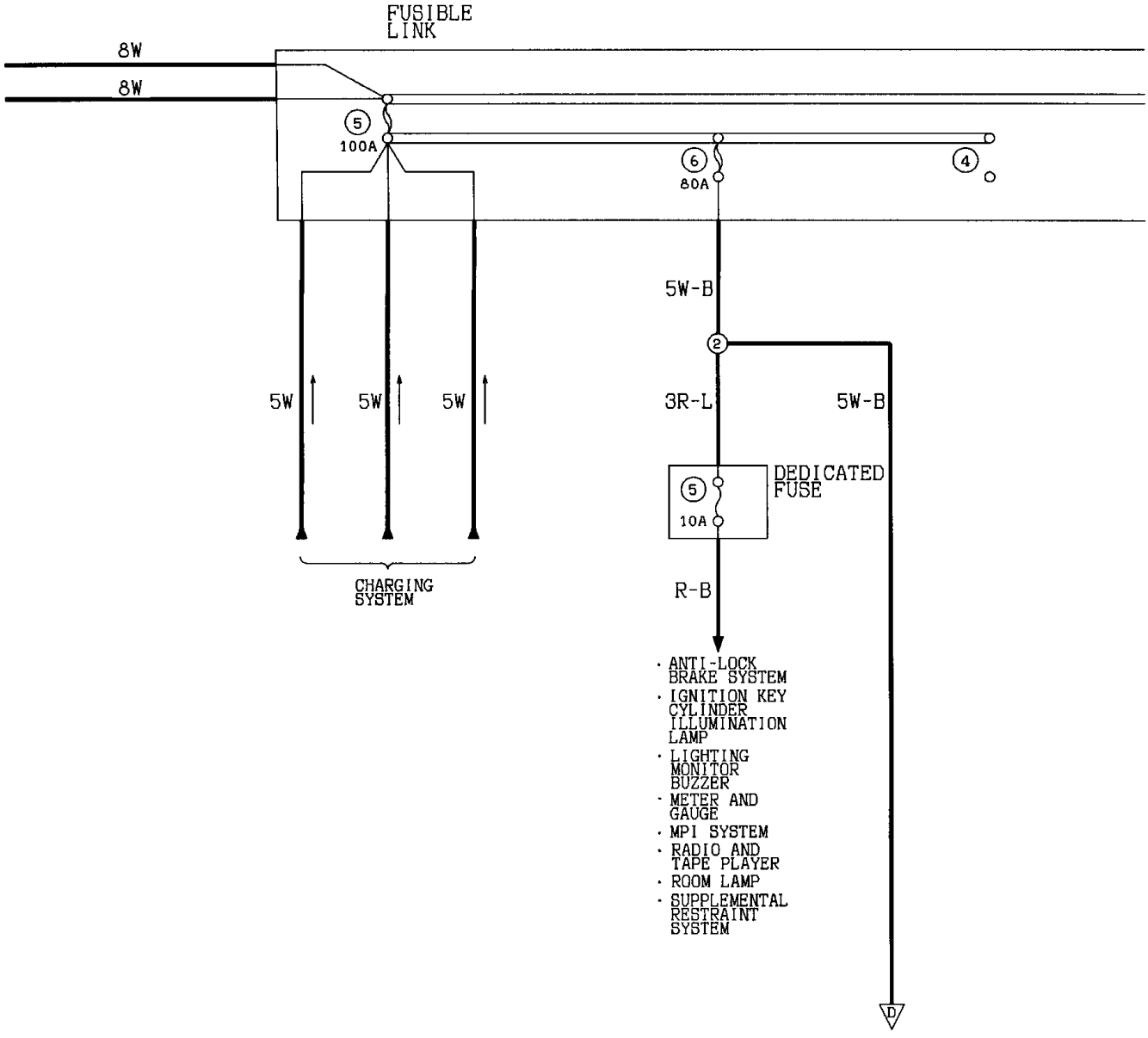
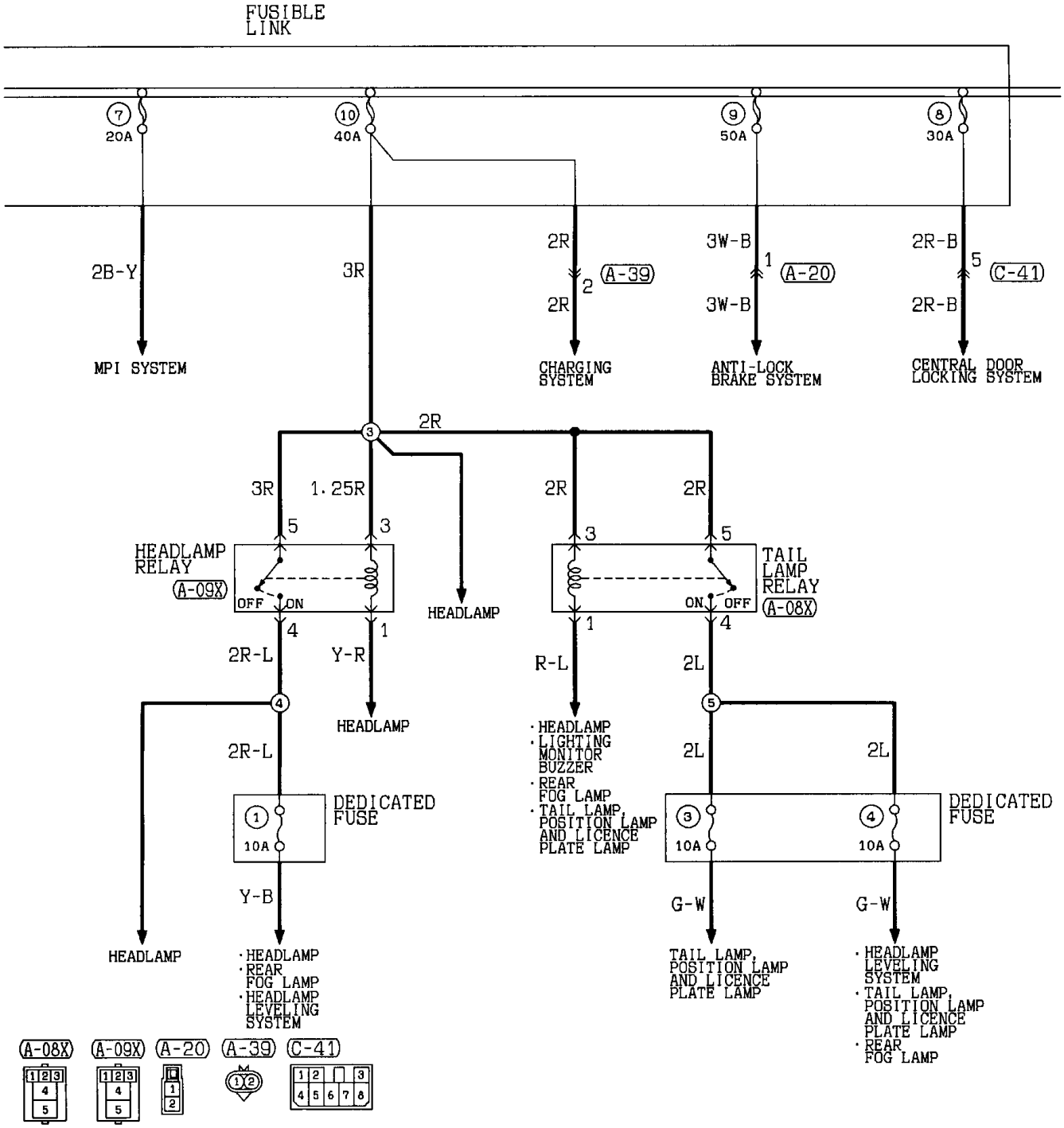


Wire colour code

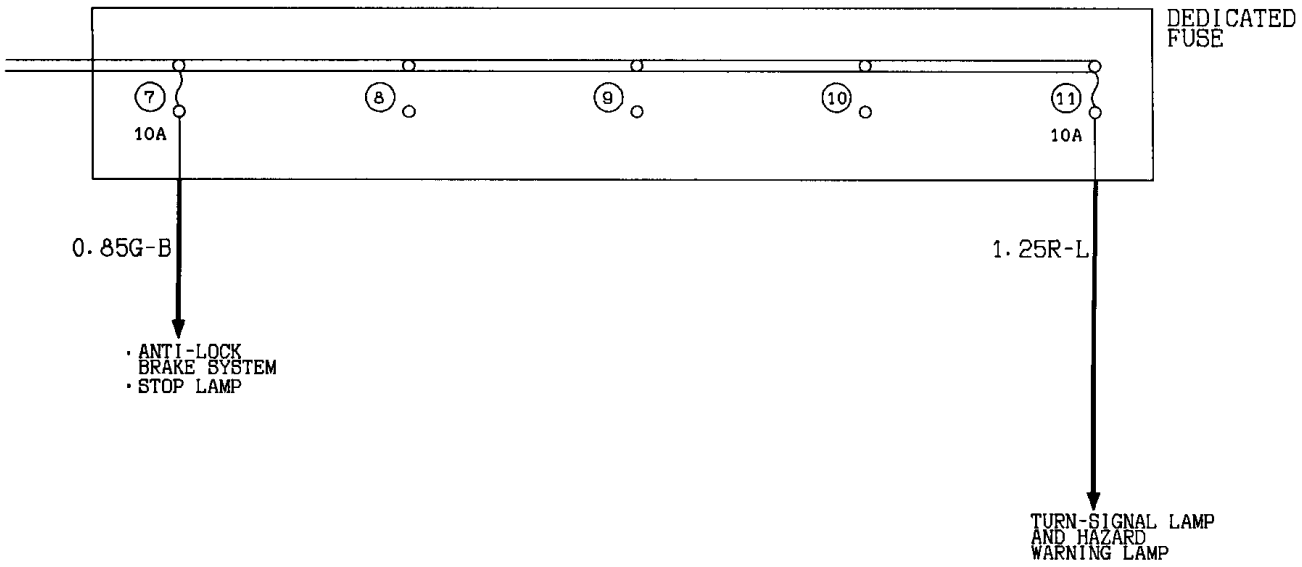
B :Black	LG:Light green	G :Green	L :Blue	W :White	Y :Yellow	SB:Sky blue	
BR:Brown	O :Orange	GR:Gray	R :Red	P :Pink	V :Violet		

HW01E01AB

POWER DISTRIBUTION SYSTEM <R.H. drive vehicles> (CONTINUED)



HW01E01BA

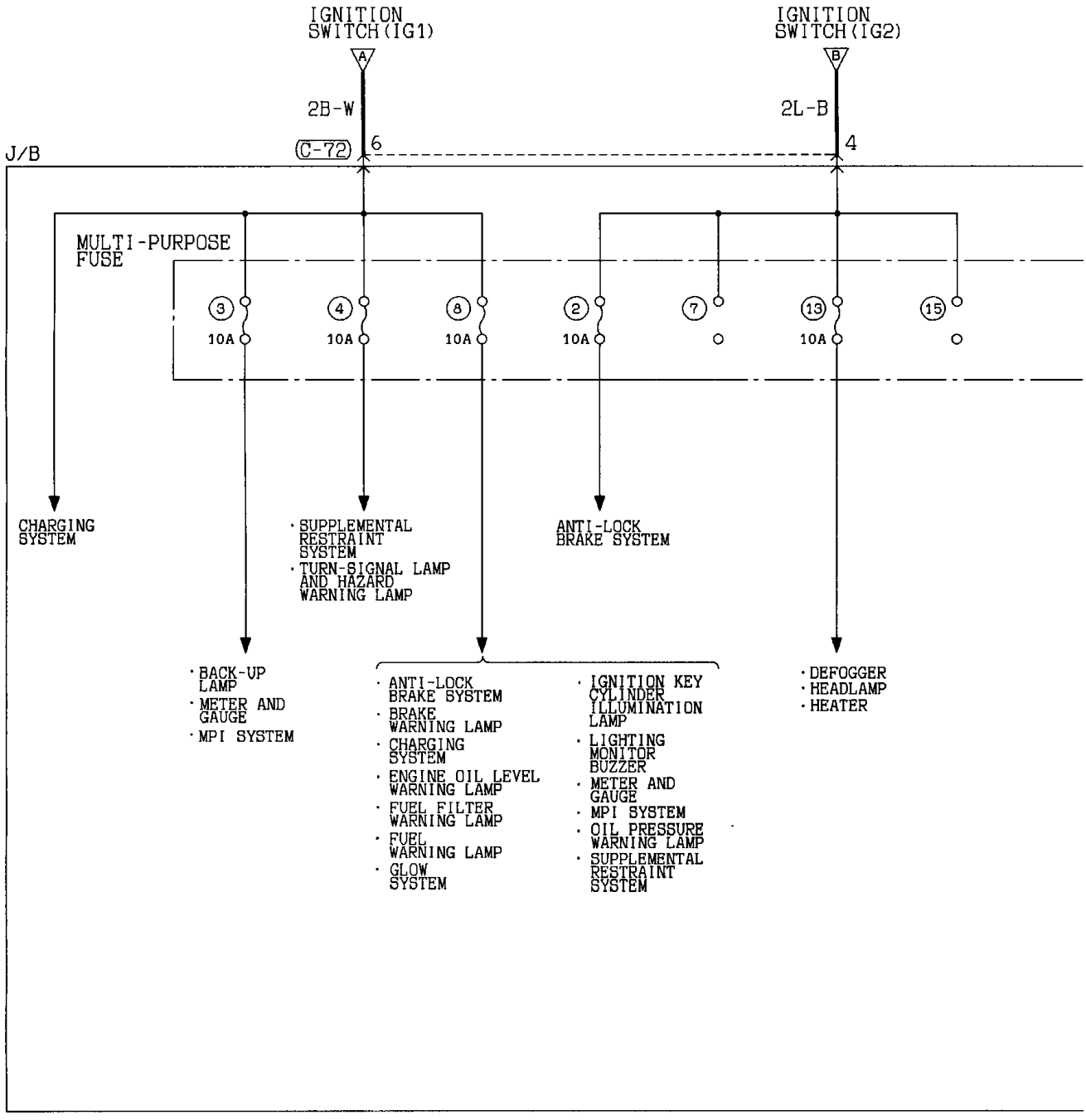


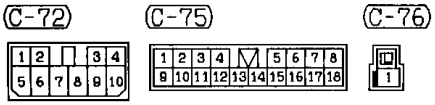
Wire colour code

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	

HW01E01BB

POWER DISTRIBUTION SYSTEM <R.H. drive vehicles> (CONTINUED)





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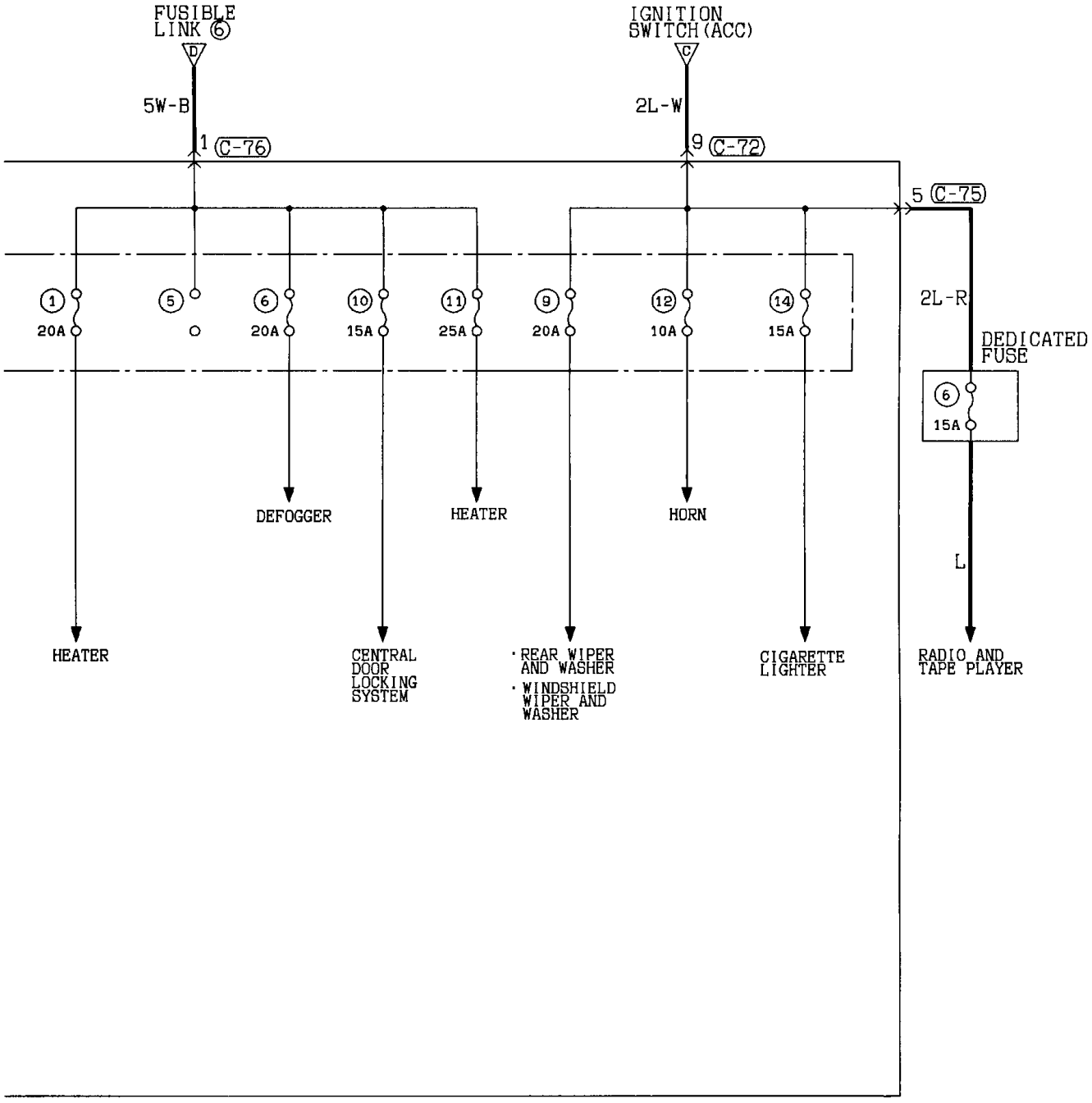
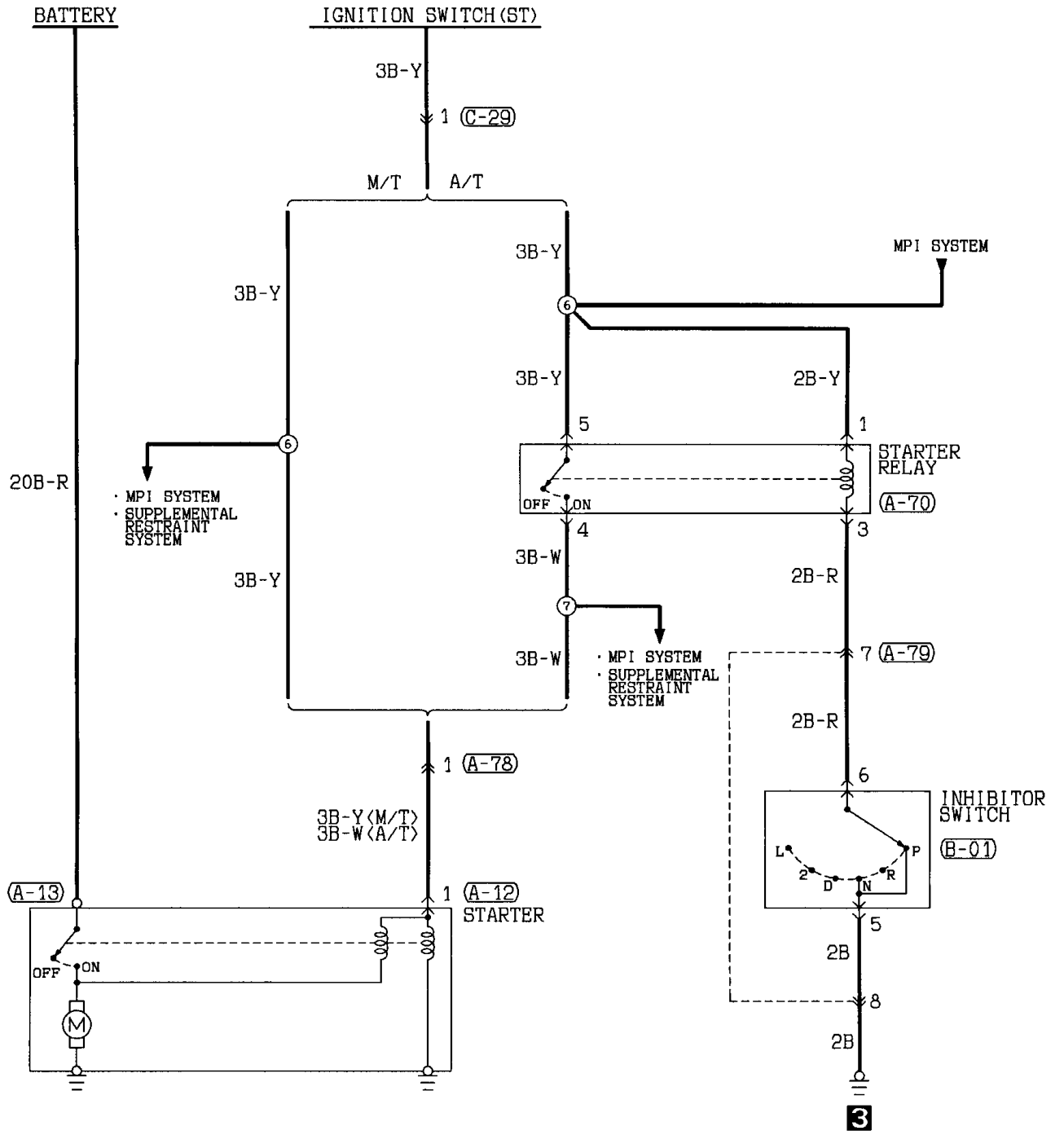


Wire colour code
B :Black LG:Light green G :Green L :Blue W :White Y :Yellow SB:Sky blue
BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

HW01E01CB

STARTING SYSTEM

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



Wire colour code
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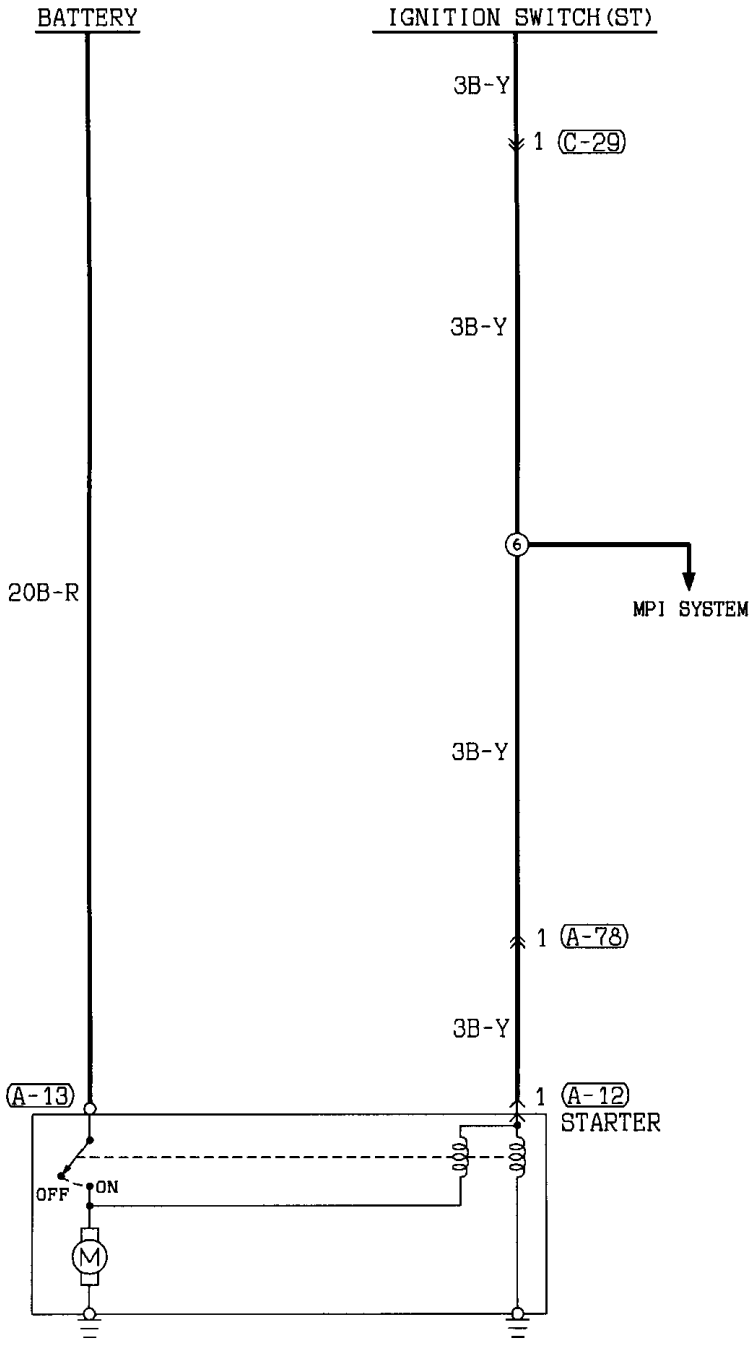
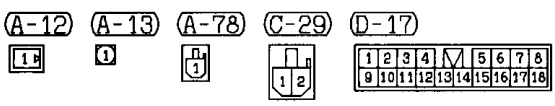
HW02E00AA

STARTING SYSTEM

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



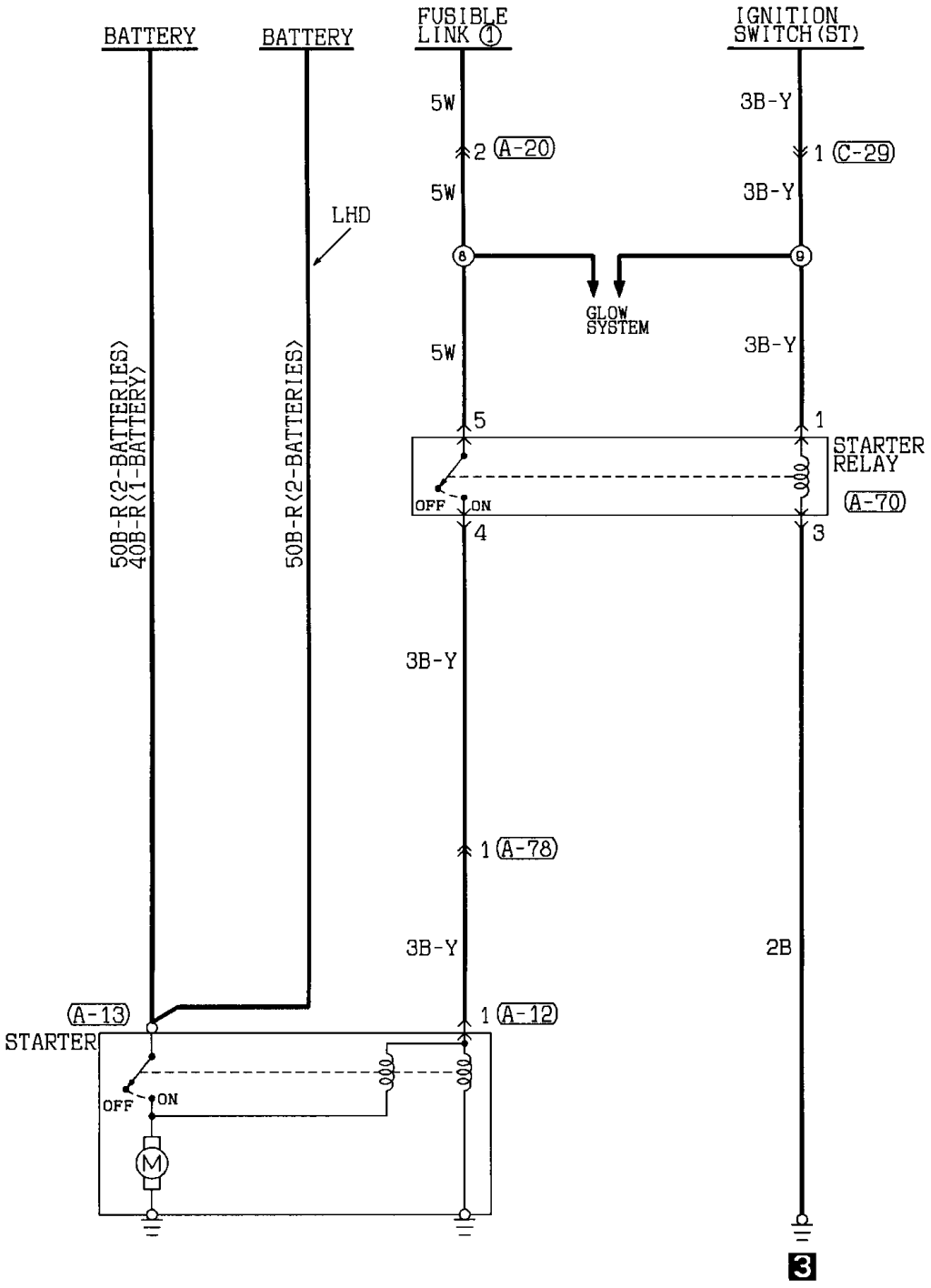


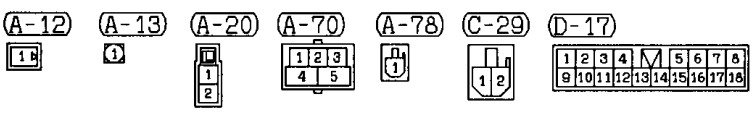
Wire colour code
B :Black LG:Light green G :Green L :Blue W :White Y :Yellow SB:Sky blue
BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

HW02E01AA

STARTING SYSTEM

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

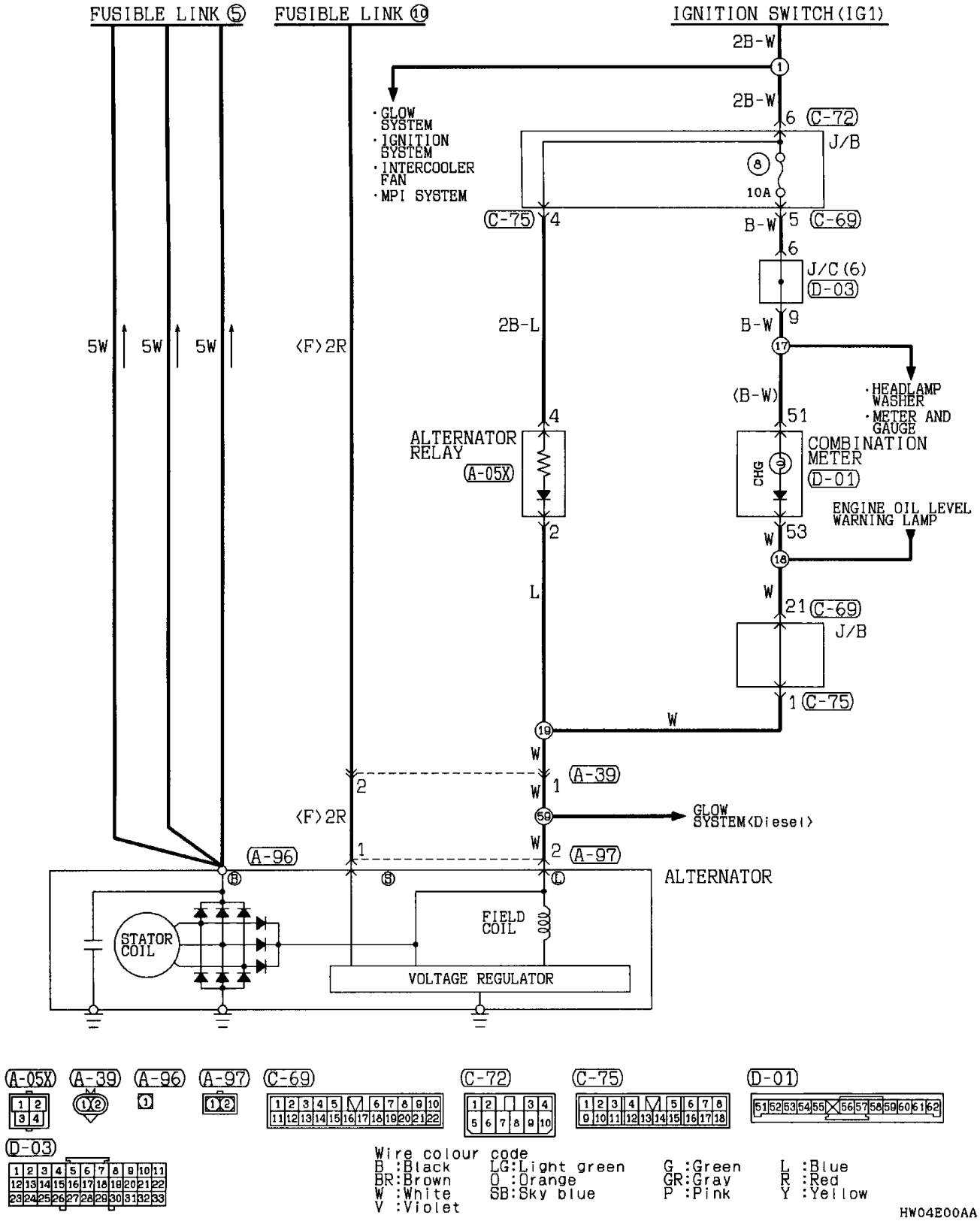




Wire colour code
B :Black LG:Light green G :Green L :Blue W :White Y :Yellow SB:Sky blue
BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

HW02E02AA

CHARGING SYSTEM

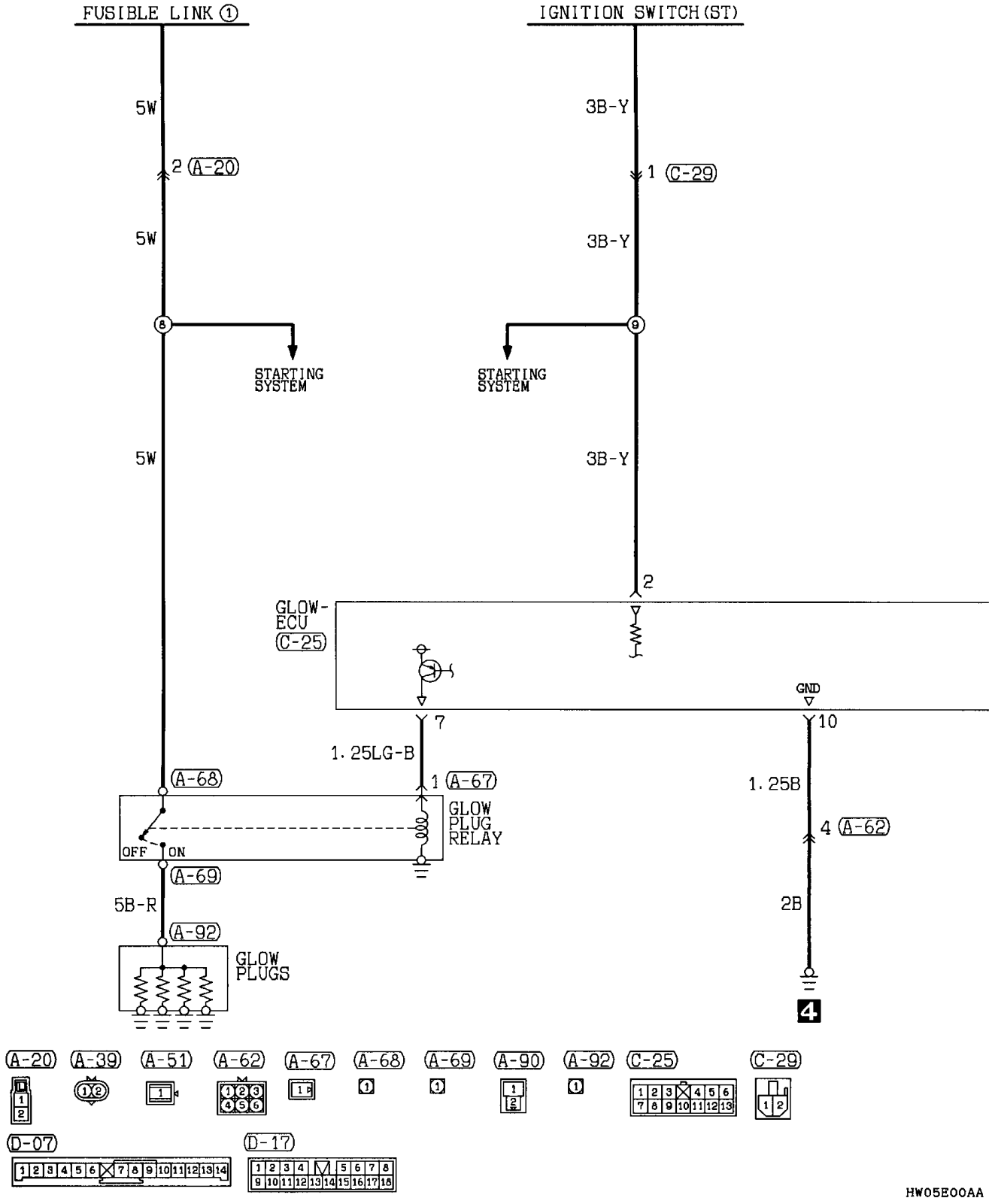


Wire colour code

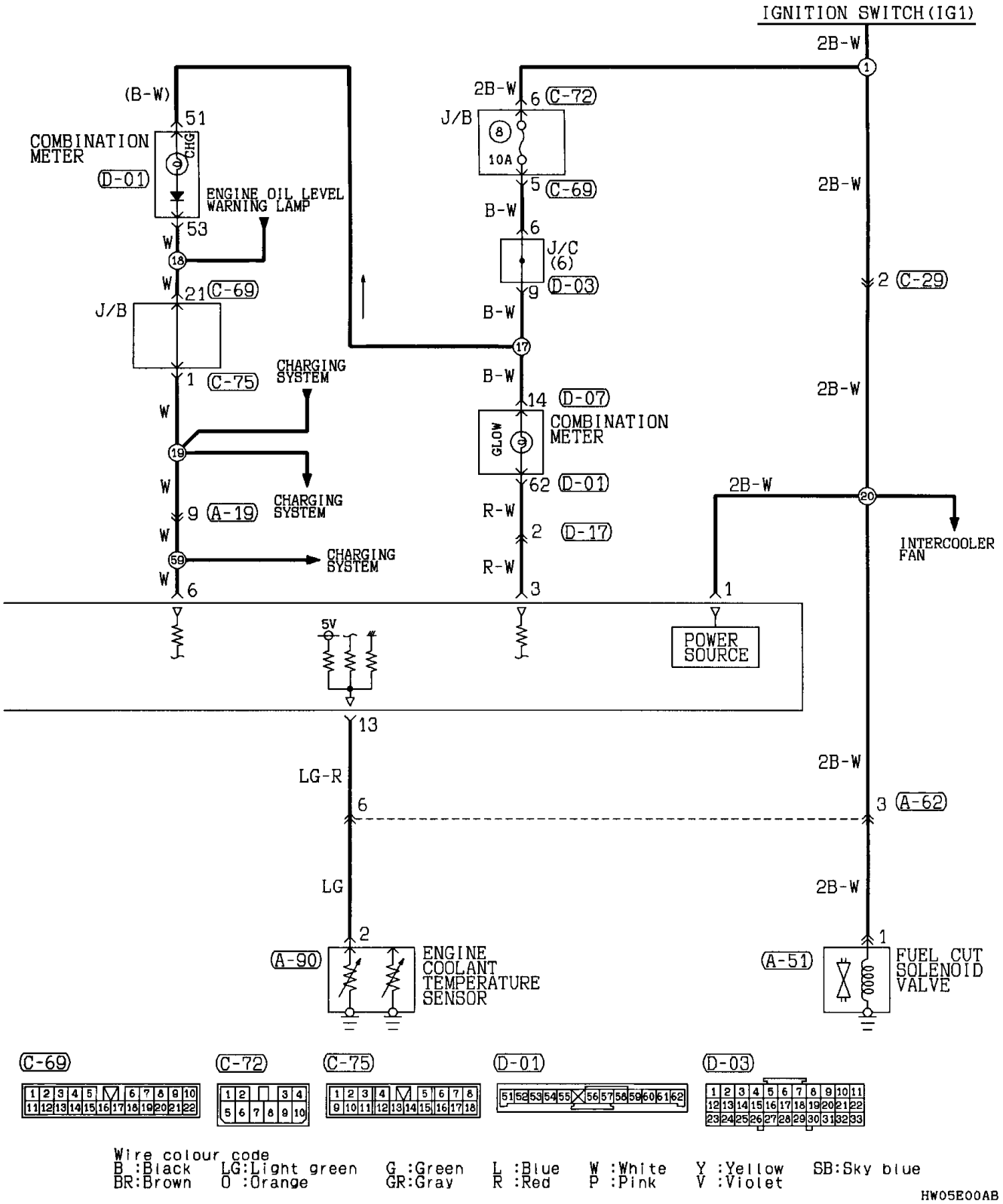
B :Black	LG:Light green	G :Green	L :Blue
BR:Brown	O :Orange	GR:Gray	R :Red
W :White	SB:Sky blue	P :Pink	Y :Yellow
V :Violet			

HW04E00AA

GLOW SYSTEM

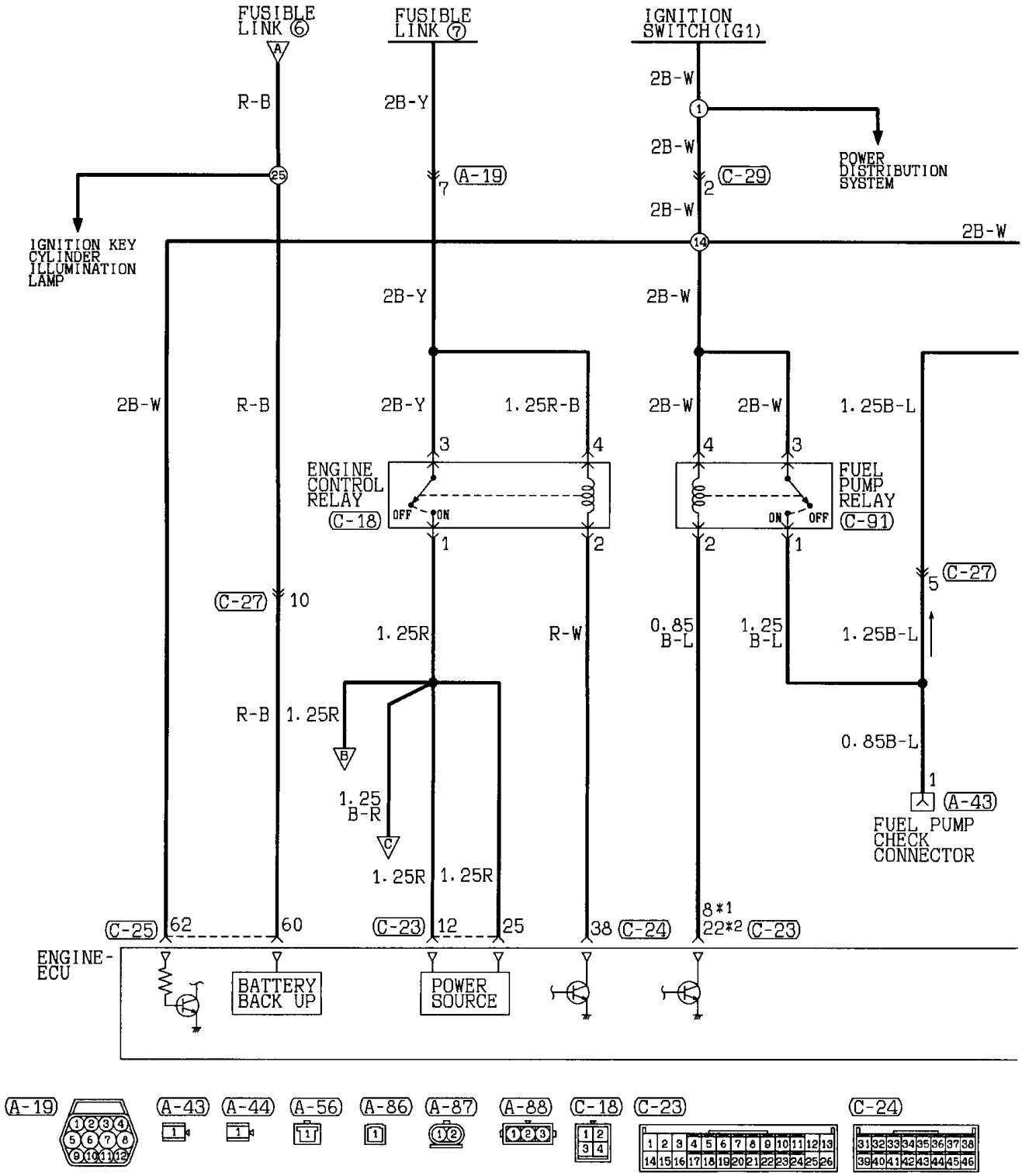


HW05E00AA

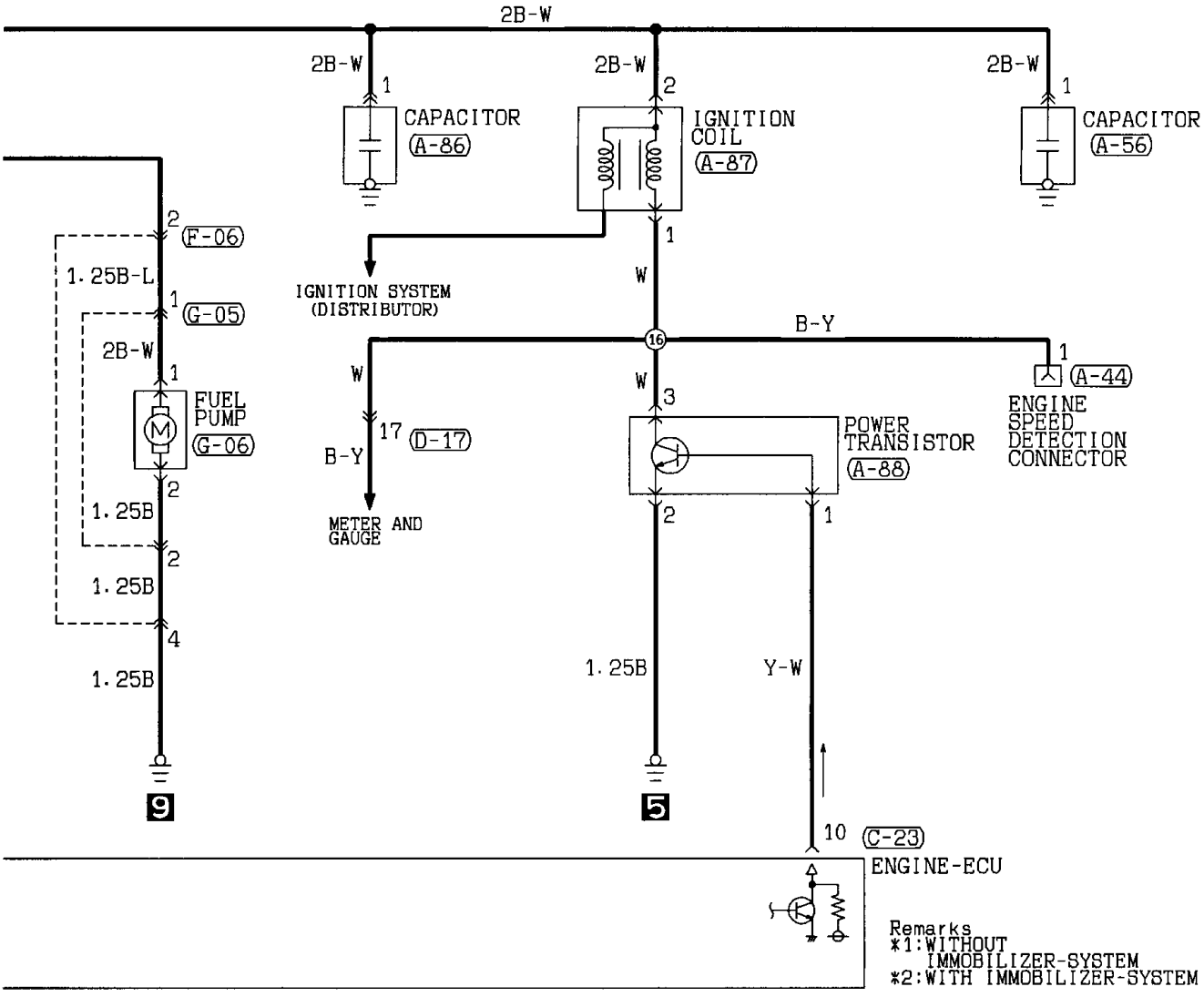

IGNITION SWITCH(IG1)
2B-W
(B-W)
51
COMBINATION METER
D-01
CHG
ENGINE OIL LEVEL WARNING LAMP
53
W
18
W
21 C-69
J/B
1 C-75
CHARGING SYSTEM
W
19
W
9 A-19
CHARGING SYSTEM
W
59
CHARGING SYSTEM
W
6
2B-W
6 C-72
J/B
8
10A
5 C-69
B-W
6
J/C (6)
9 D-03
B-W
17
B-W
14 D-07
COMBINATION METER
GLOW
62 D-01
R-W
2 D-17
R-W
3
2B-W
2 C-29
2B-W
20
INTERCOOLER FAN
2B-W
1
5V
POWER SOURCE
13
LG-R
6
2B-W
3 A-62
LG
2B-W
2
A-90
ENGINE COOLANT TEMPERATURE SENSOR
1
A-51
FUEL CUT SOLENOID VALVE
C-69
C-72
C-75
D-01
D-03
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
HW05E00AB

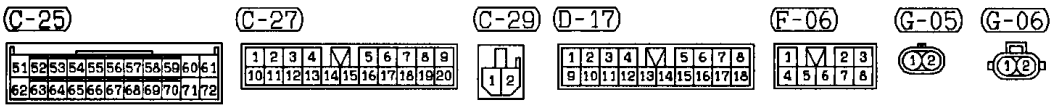
MPI SYSTEM

L.H. drive vehicles



HWO5E01AA

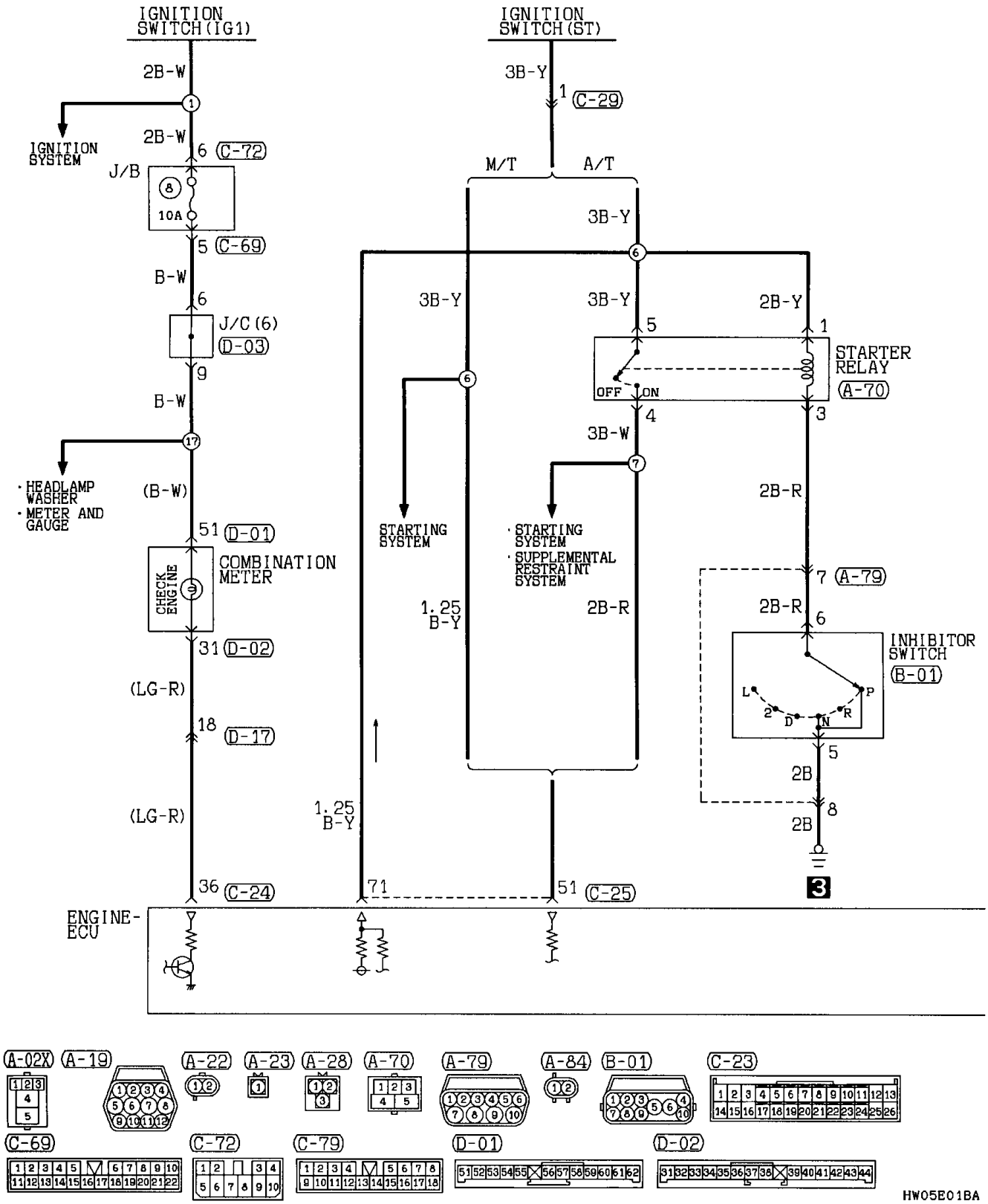


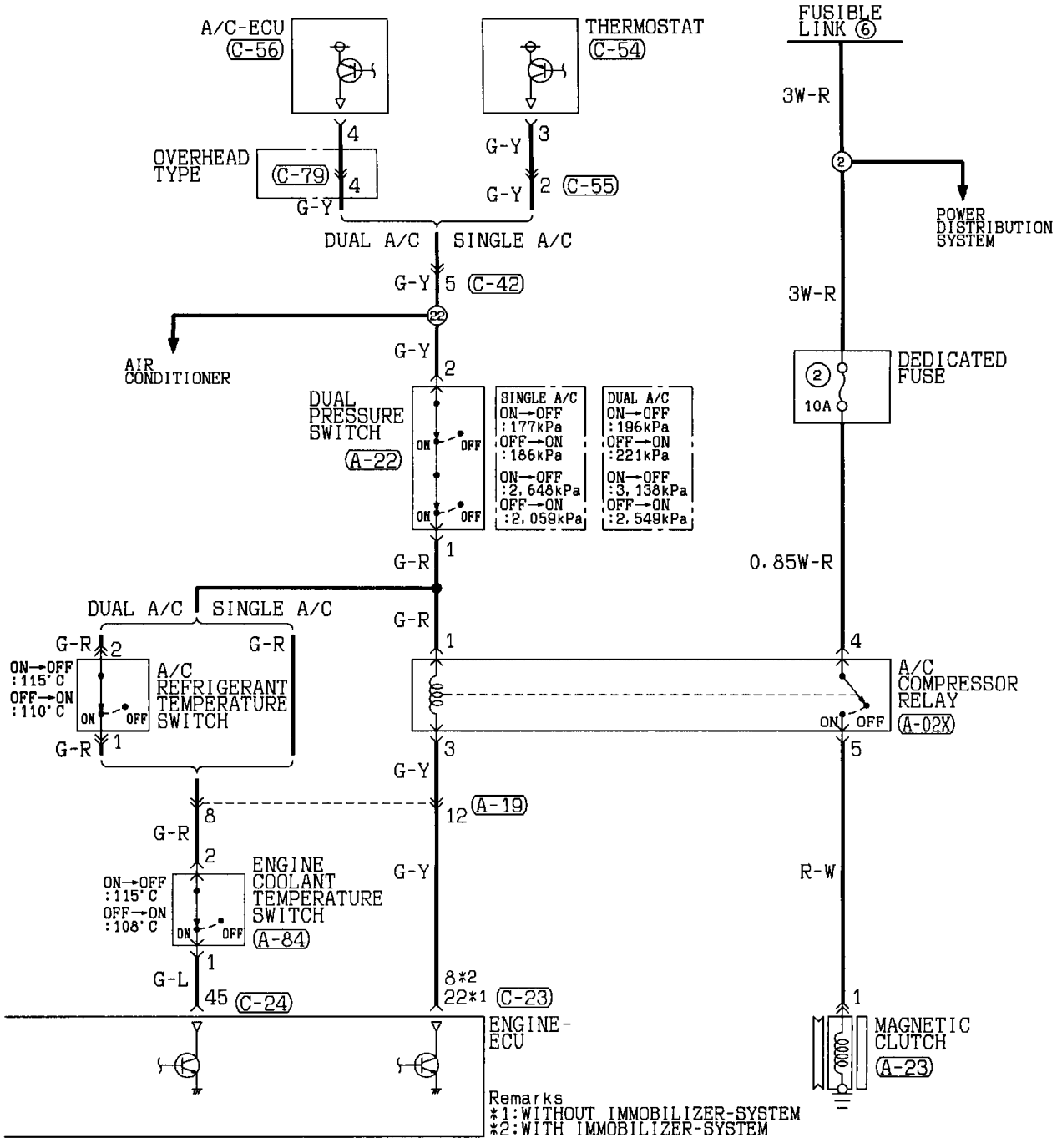


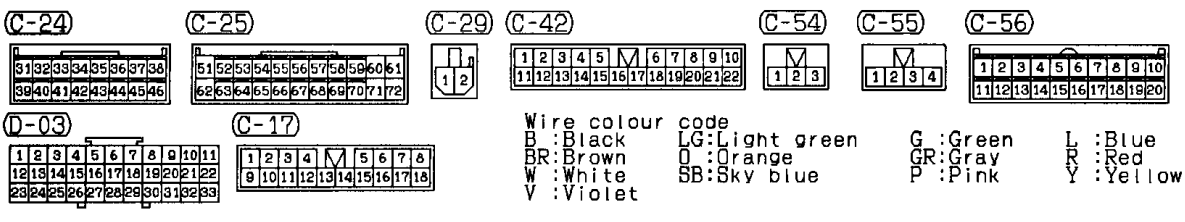
Wire colour code
B :Black LG:Light green G :Green L :Blue W :White Y :Yellow SB:Sky blue
BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

HW05E01AB

MPI SYSTEM <L.H. drive vehicles> (CONTINUED)





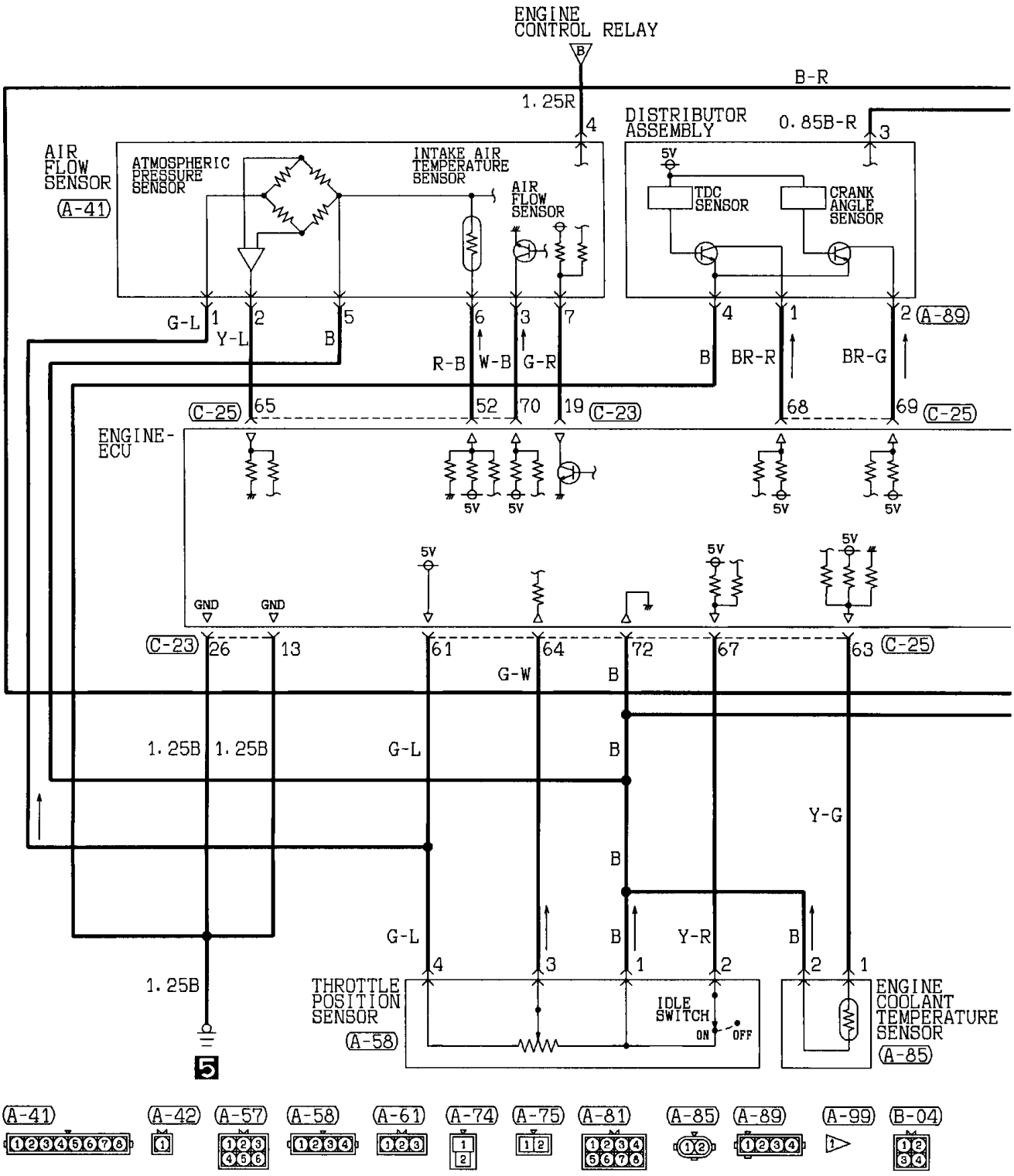


Wire colour code

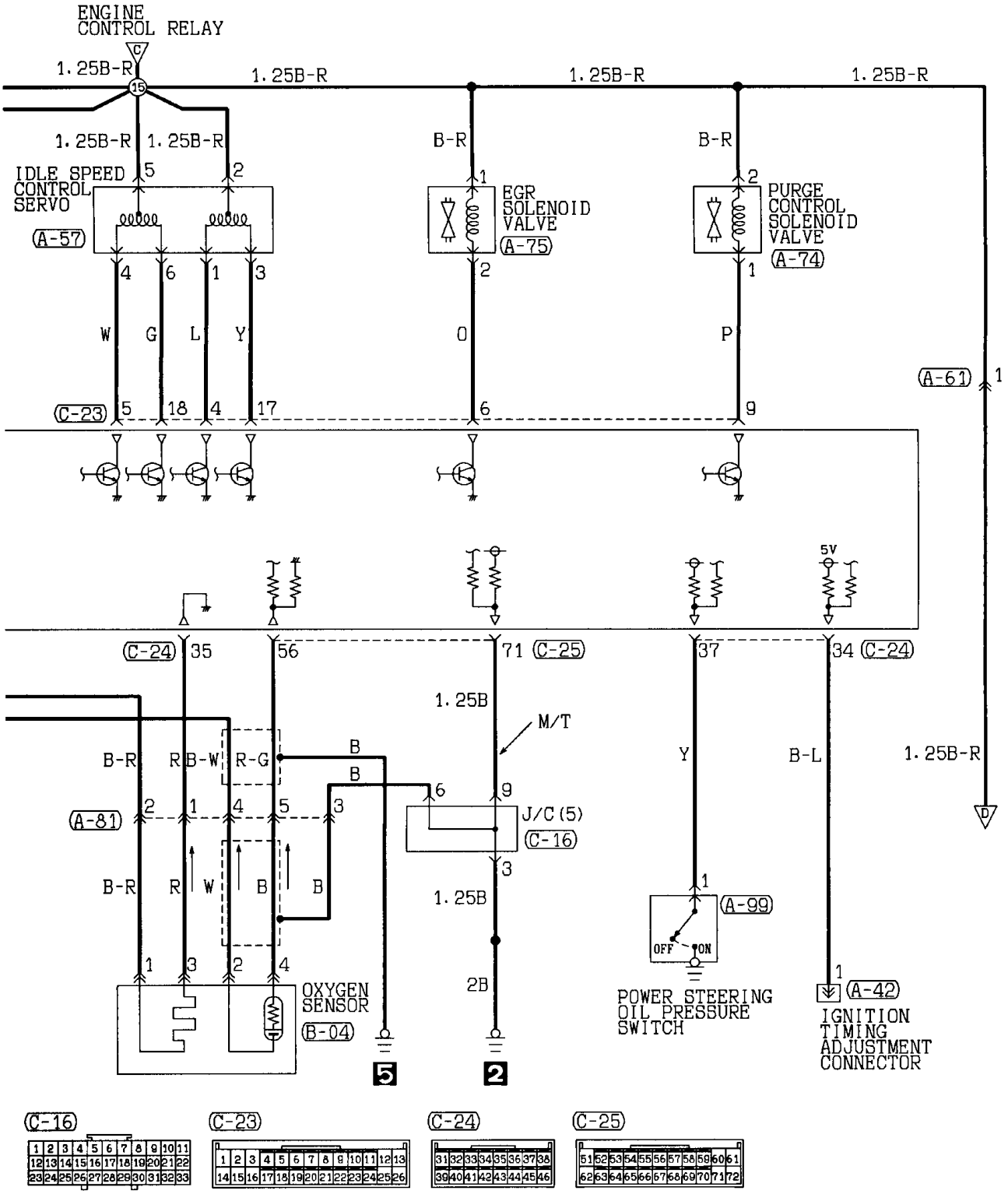
B :Black	LG:Light green	G :Green	L :Blue
BR:Brown	O :Orange	GR:Gray	R :Red
W :White	SB:Sky blue	P :Pink	Y :Yellow
V :Violet			

HW05E01BB

MPI SYSTEM <L.H. drive vehicles> (CONTINUED)



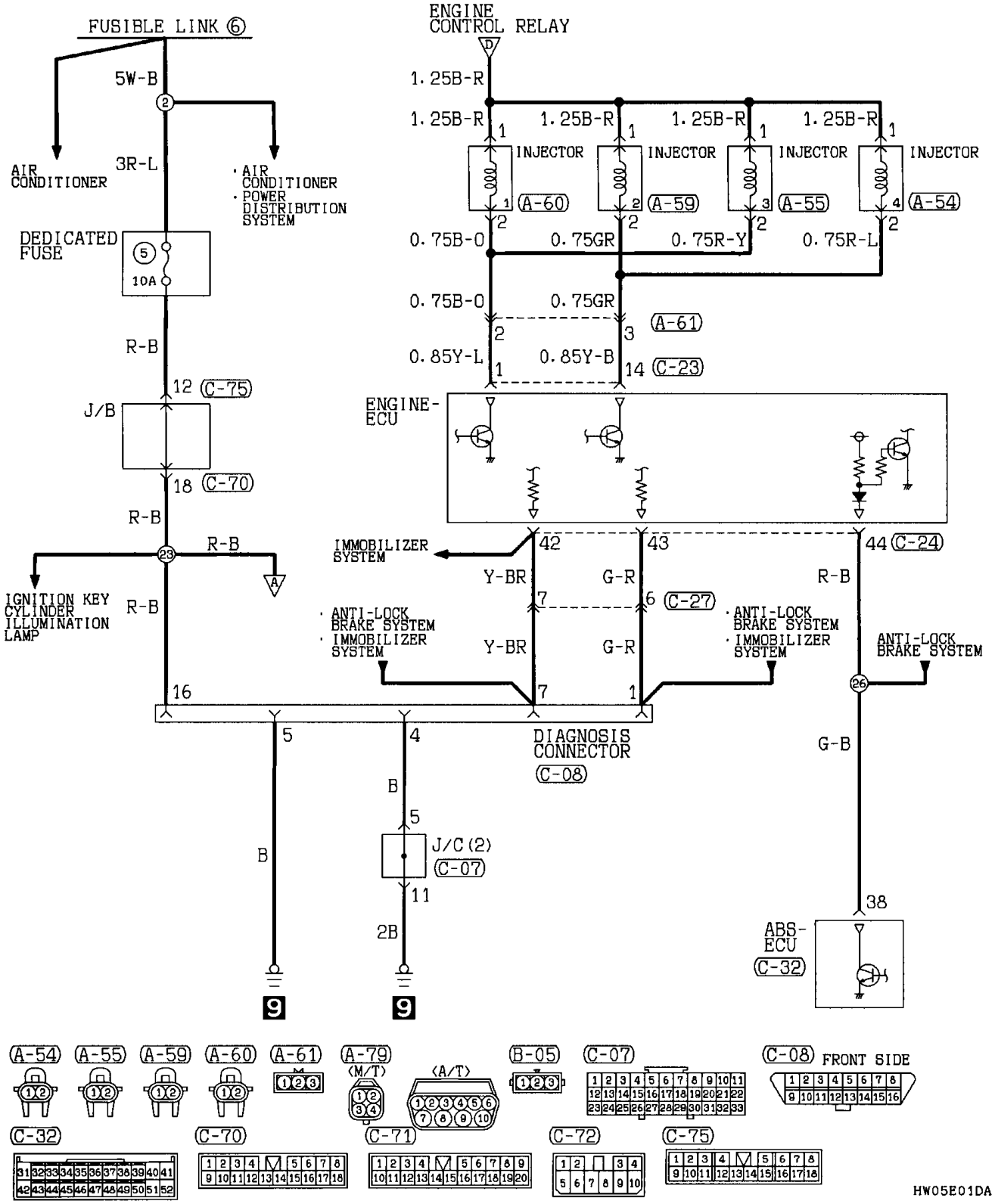
HW05E01CA

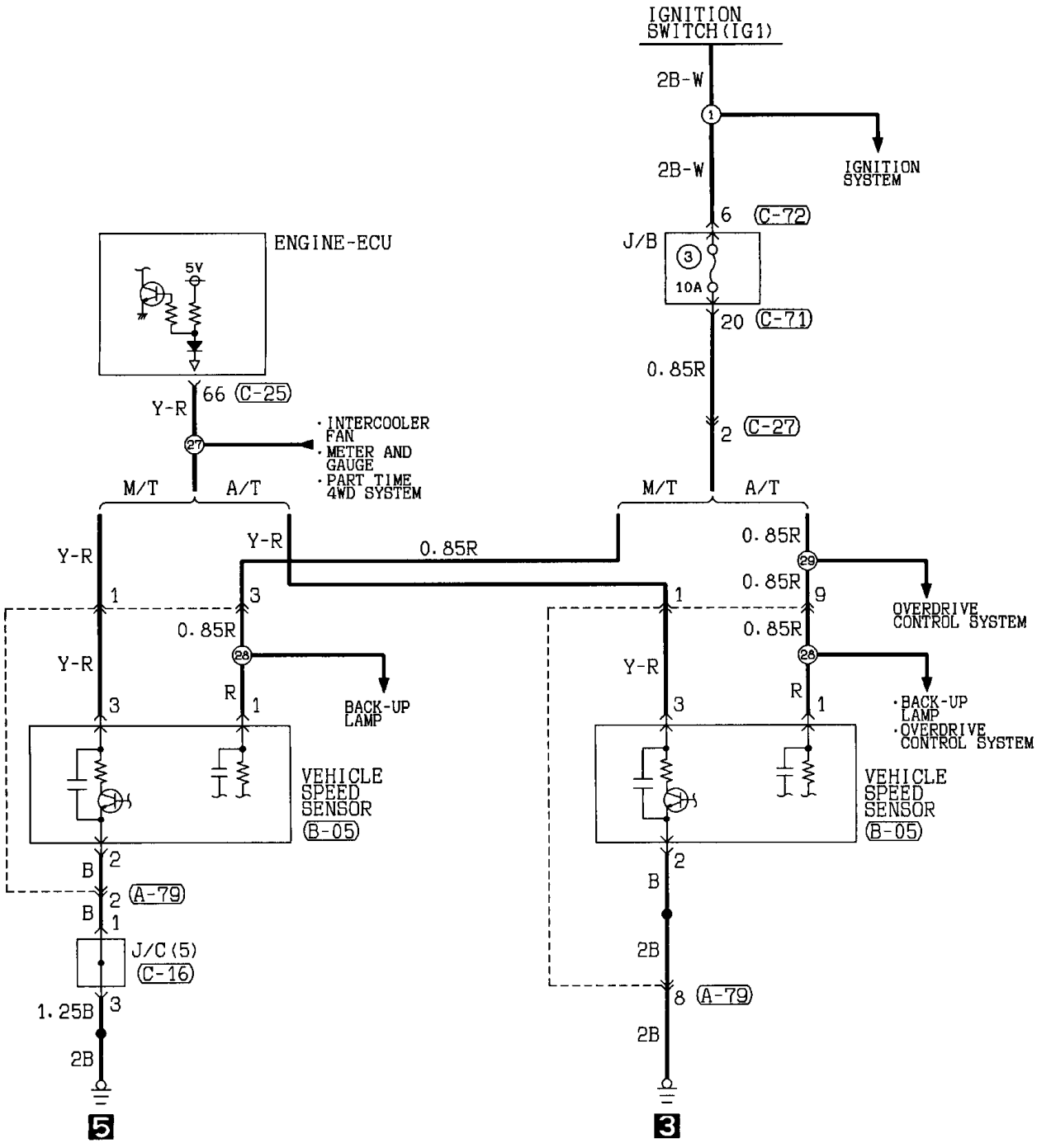


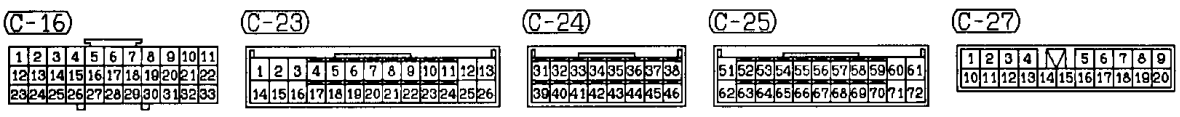
Wire colour code
B :Black LG:Light green G :Green L :Blue W :White Y :Yellow SB:Sky blue
BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

HW05E01CB

MPI SYSTEM <L.H. drive vehicles> (CONTINUED)







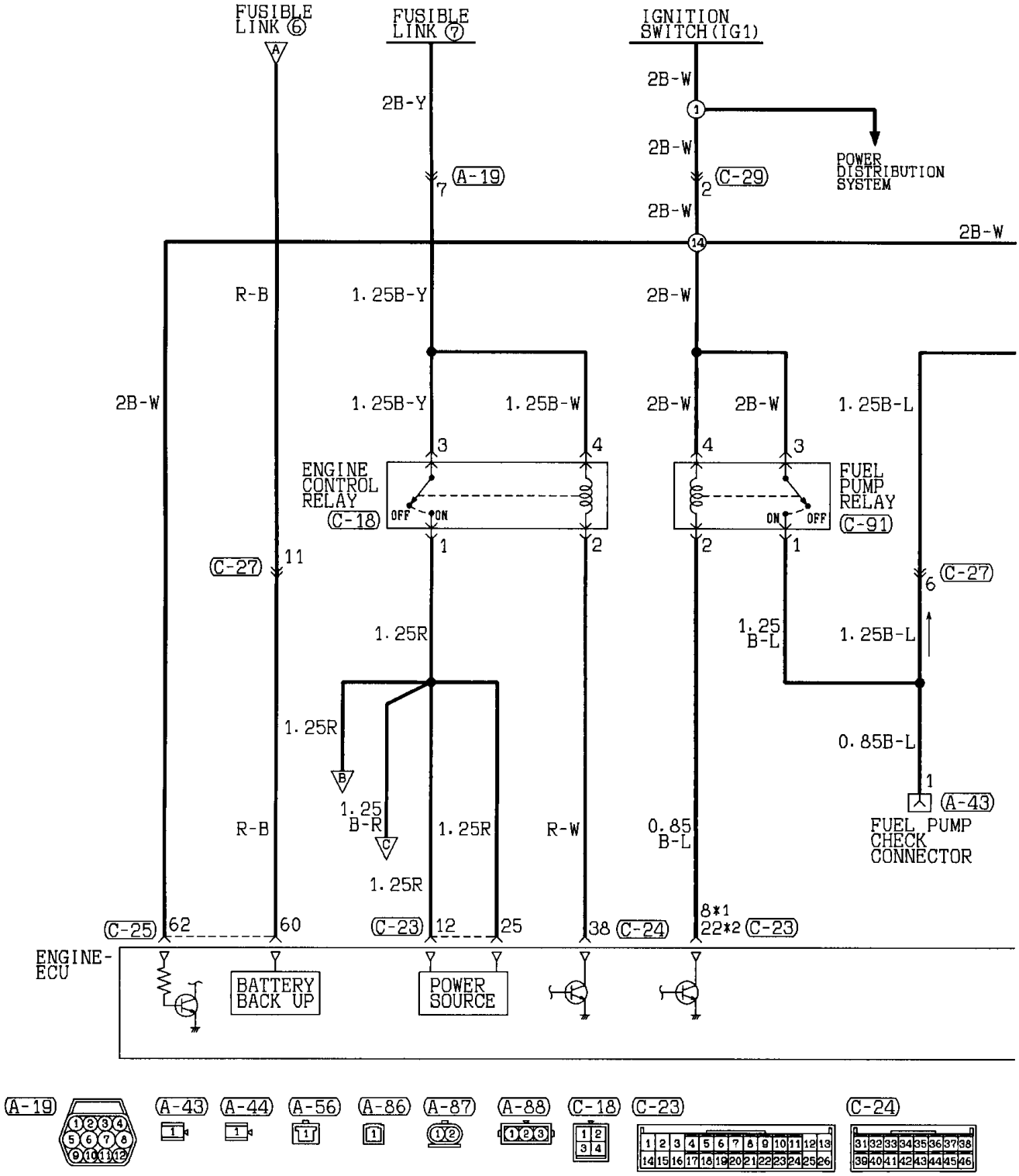
Wire colour code

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		

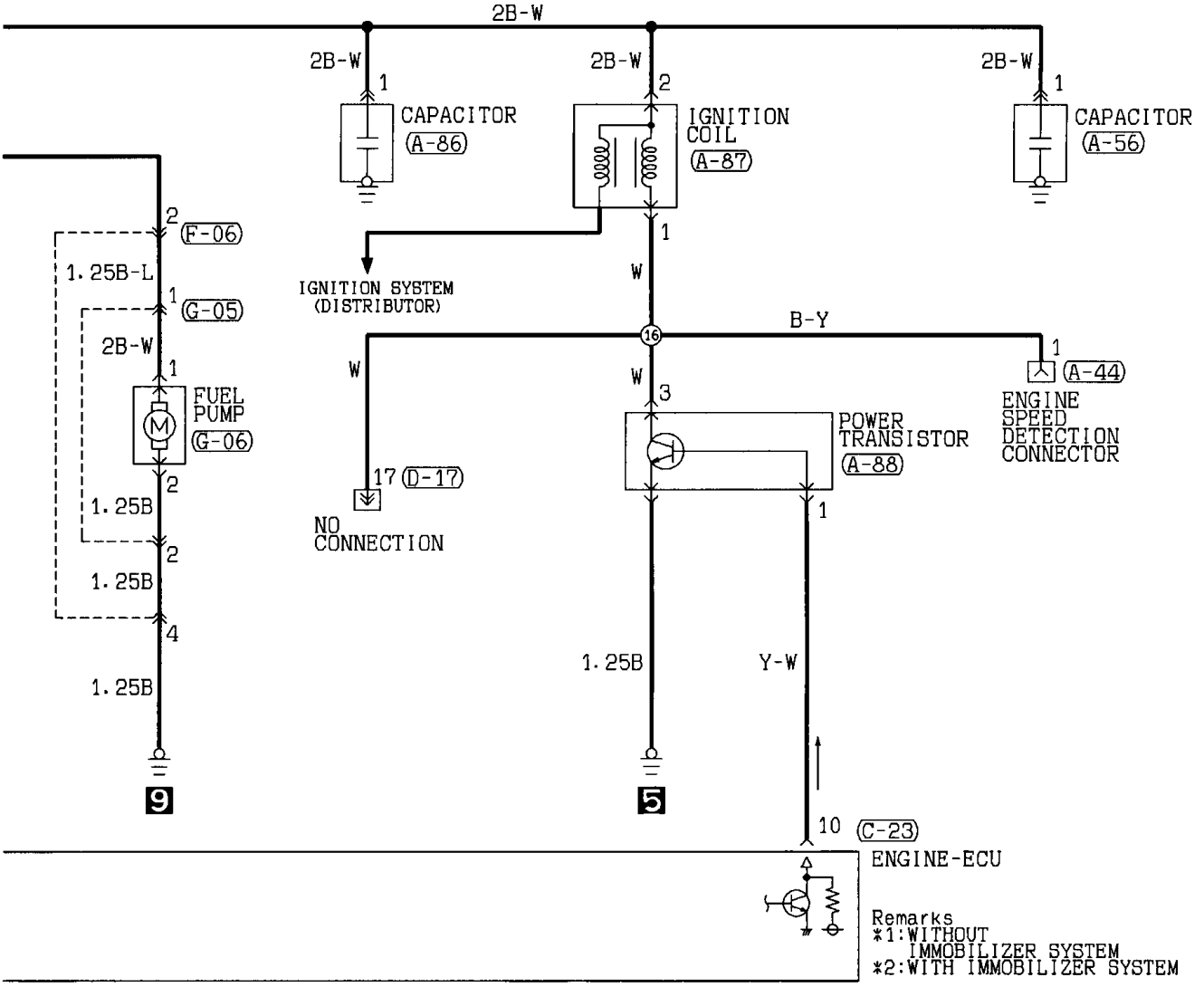
HW05E01DB

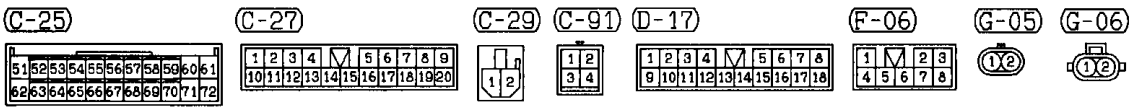
MPI SYSTEM

R.H. drive vehicles



HW05E02AA

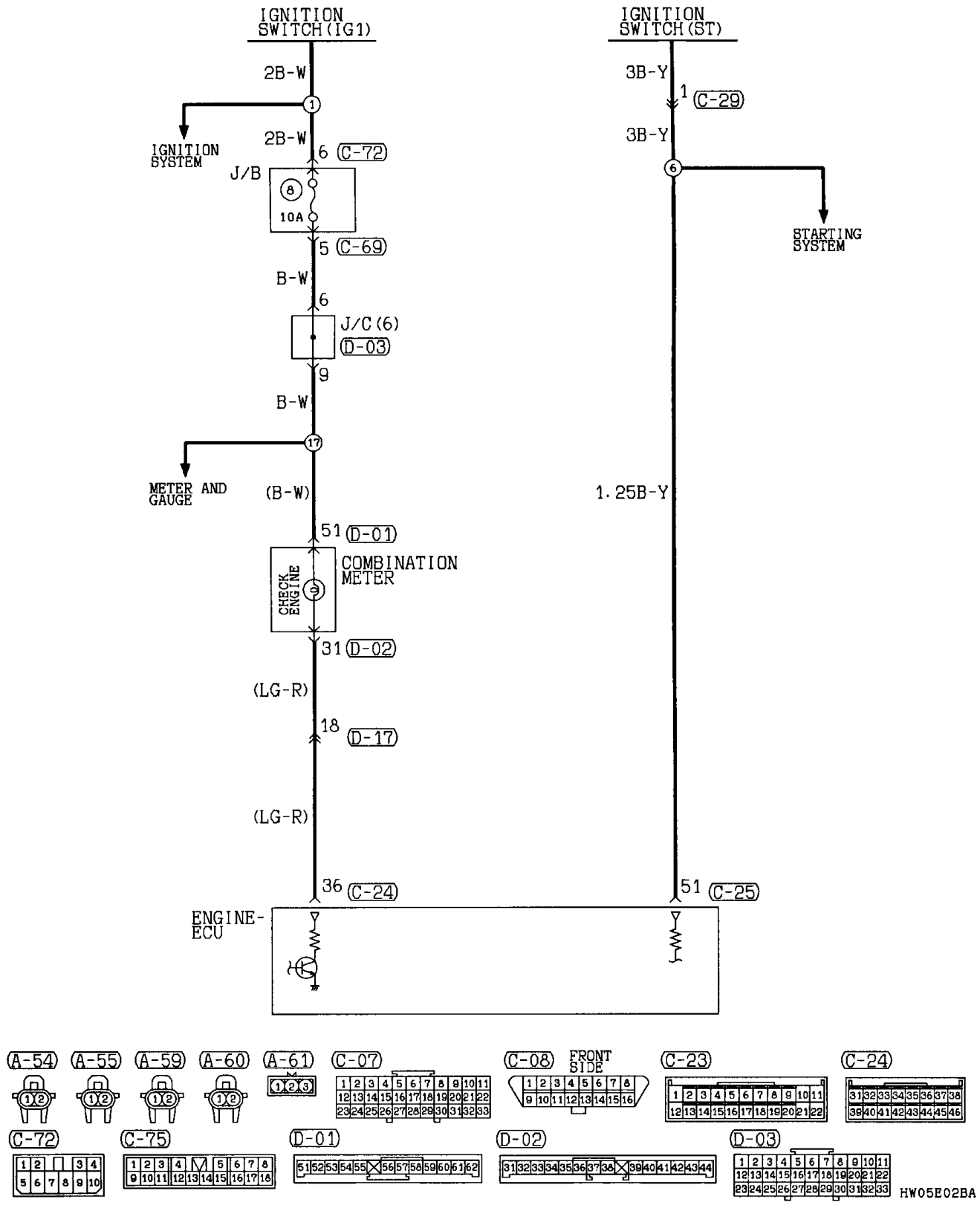


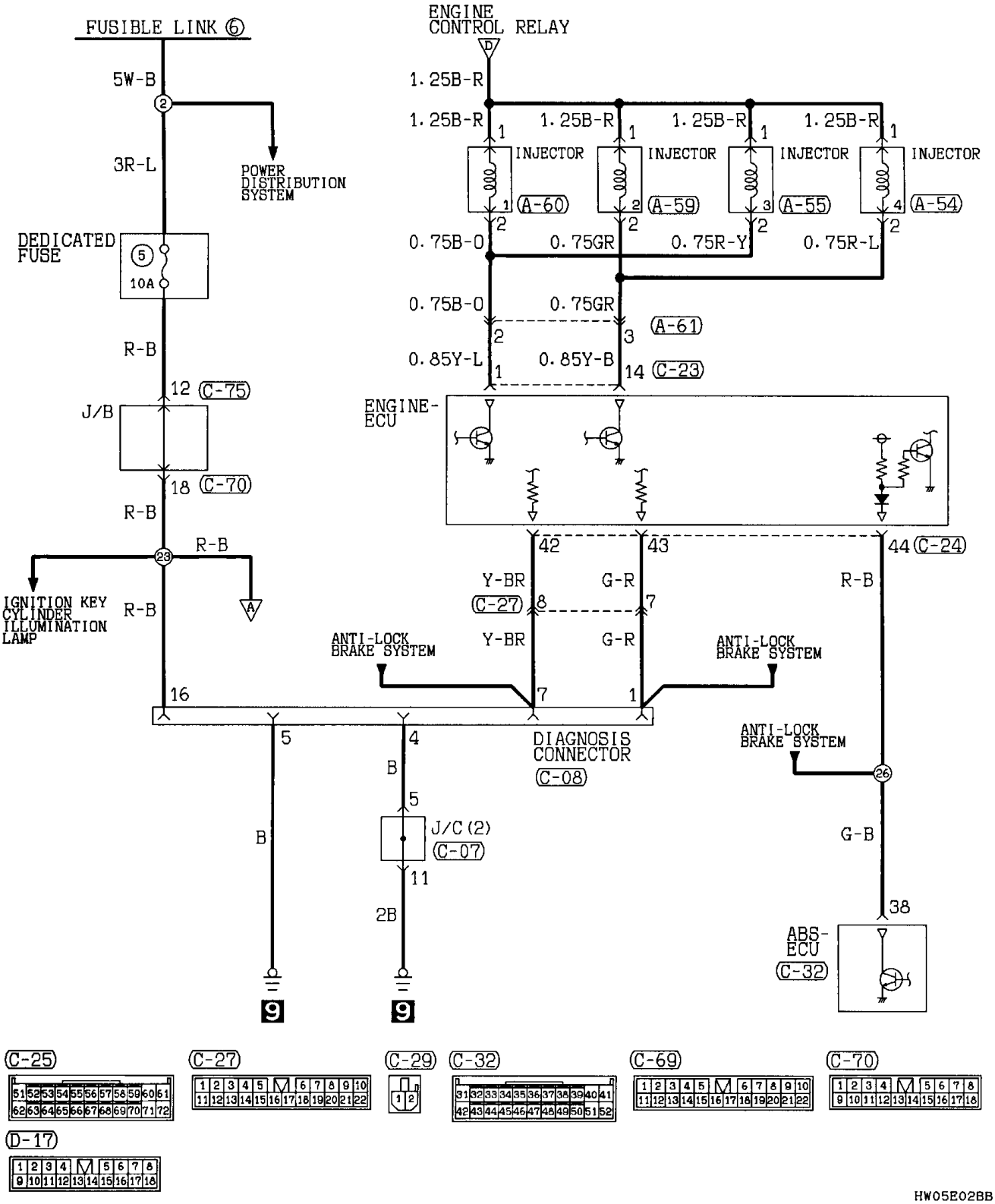


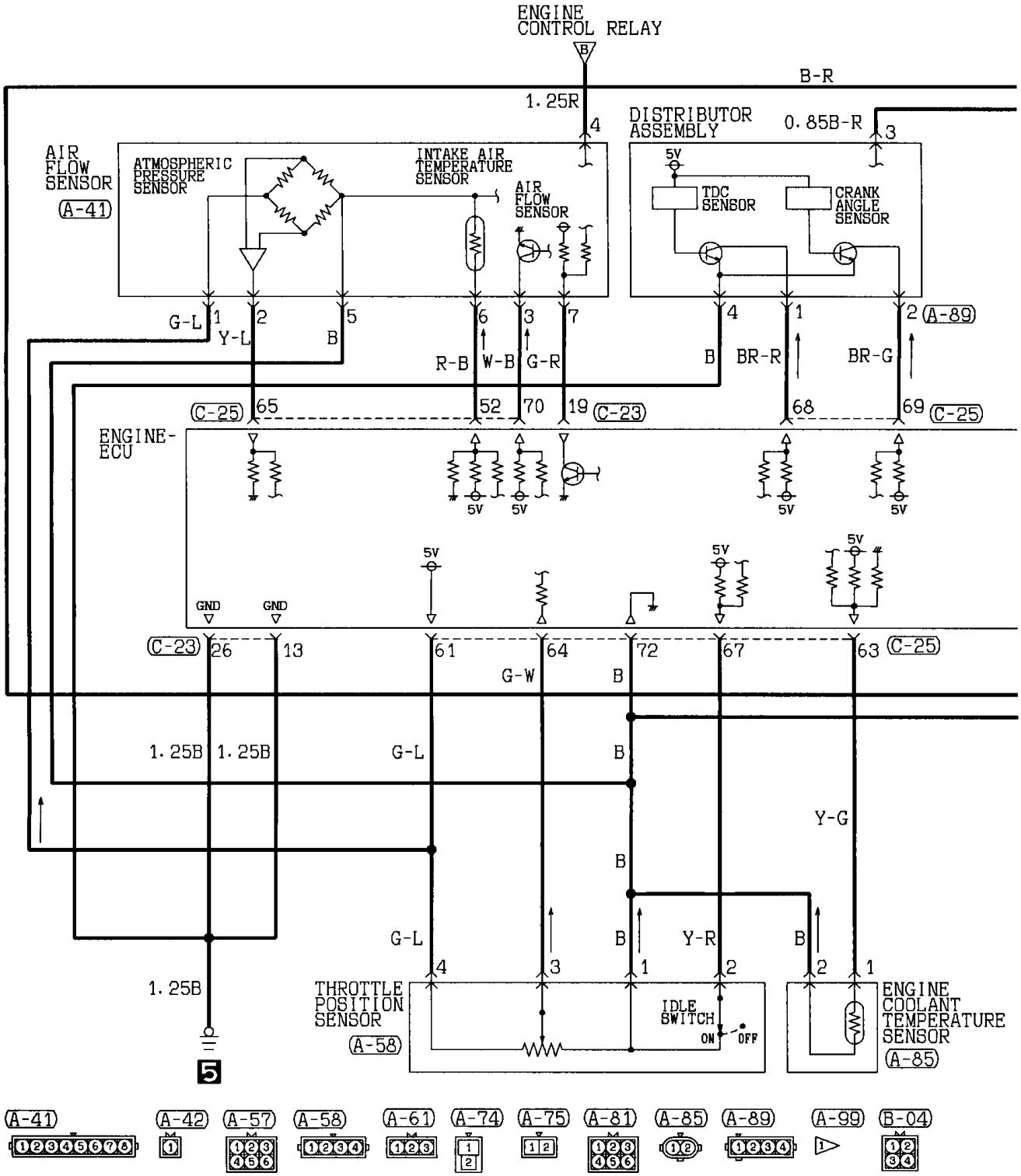
Wire colour code
B :Black LG:Light green G :Green L :Blue W :White Y :Yellow SB:Sky blue
BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

HW05E02AB

MPI SYSTEM <R.H. drive vehicles> (CONTINUED)

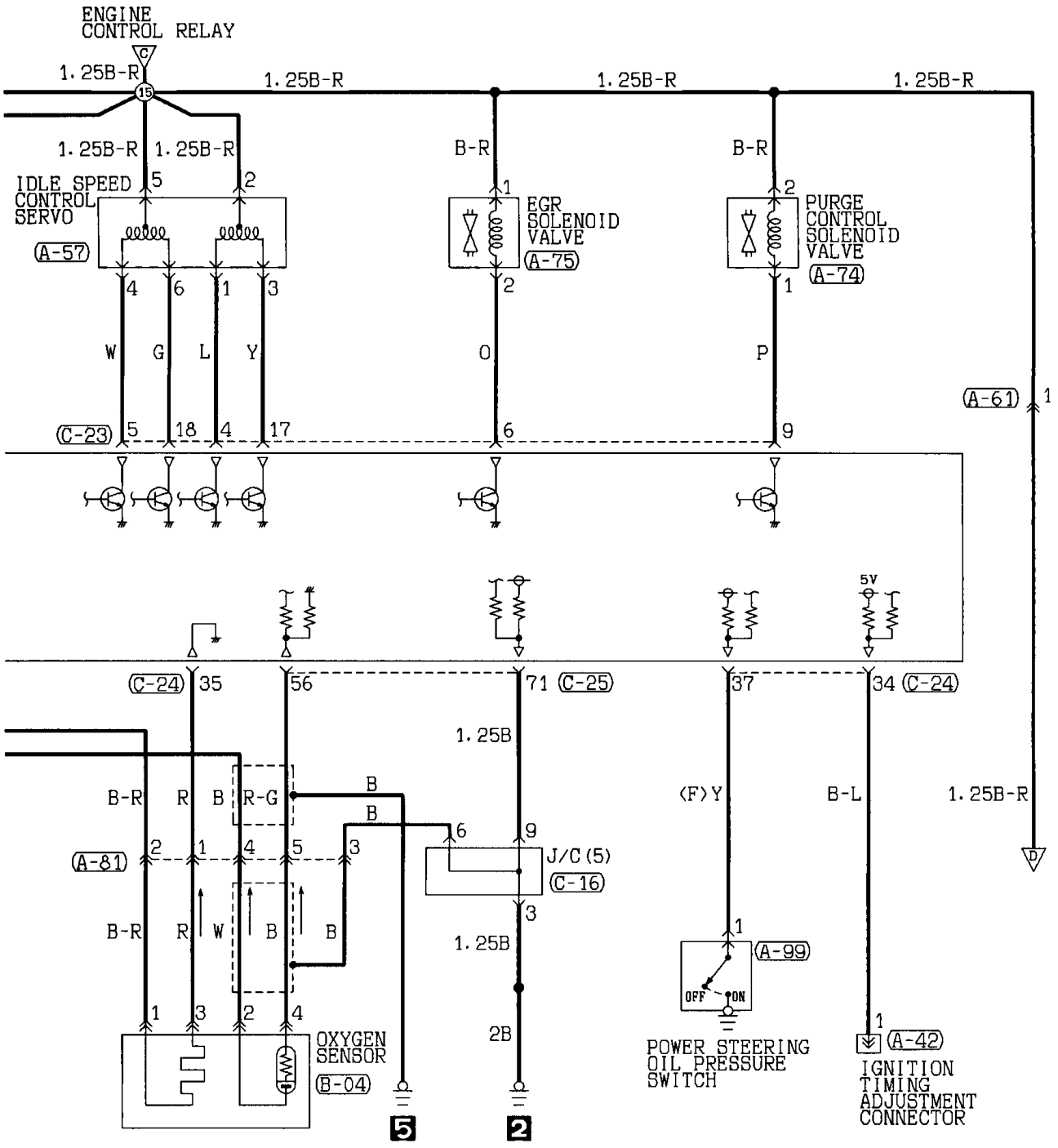



FUSIBLE LINK ⑥
5W-B
3R-L
POWER DISTRIBUTION SYSTEM
DEDICATED FUSE
10A
R-B
12 C-75
J/B
18 C-70
R-B
R-B
IGNITION KEY CYLINDER ILLUMINATION LAMP
R-B
ENGINE CONTROL RELAY
1.25B-R
INJECTOR
A-60
A-59
A-55
A-54
0.75B-O
0.75GR
0.75R-Y
0.75R-L
A-61
0.85Y-L
0.85Y-B
14 C-23
ENGINE-ECU
42
43
44 C-24
Y-BR
G-R
R-B
C-27
ANTI-LOCK BRAKE SYSTEM
16
DIAGNOSIS CONNECTOR
C-08
B
J/C (2)
C-07
2B
G-B
38
ABS-ECU
C-32
C-25
C-27
C-29
C-32
C-69
C-70
D-17
HW05E02BB


ENGINE CONTROL RELAY
B
B-R
1.25R
4
DISTRIBUTOR ASSEMBLY
0.85B-R
3
AIR FLOW SENSOR
A-41
ATMOSPHERIC PRESSURE SENSOR
INTAKE AIR TEMPERATURE SENSOR
AIR FLOW SENSOR
5V
TDC SENSOR
CRANK ANGLE SENSOR
G-L
Y-L
B
R-B
W-B
G-R
B
BR-R
BR-G
A-89
C-25
65
52
70
19
C-23
68
69
C-25
ENGINE-ECU
5V
GND
GND
C-23
26
13
61
64
72
67
63
C-25
G-W
B
1.25B
1.25B
G-L
B
Y-G
G-L
B
Y-R
B
4
3
1
2
2
1
1.25B
5
THROTTLE POSITION SENSOR
A-58
IDLE SWITCH
ON
OFF
ENGINE COOLANT TEMPERATURE SENSOR
A-85
A-41
A-42
A-57
A-58
A-61
A-74
A-75
A-81
A-85
A-89
A-99
B-04

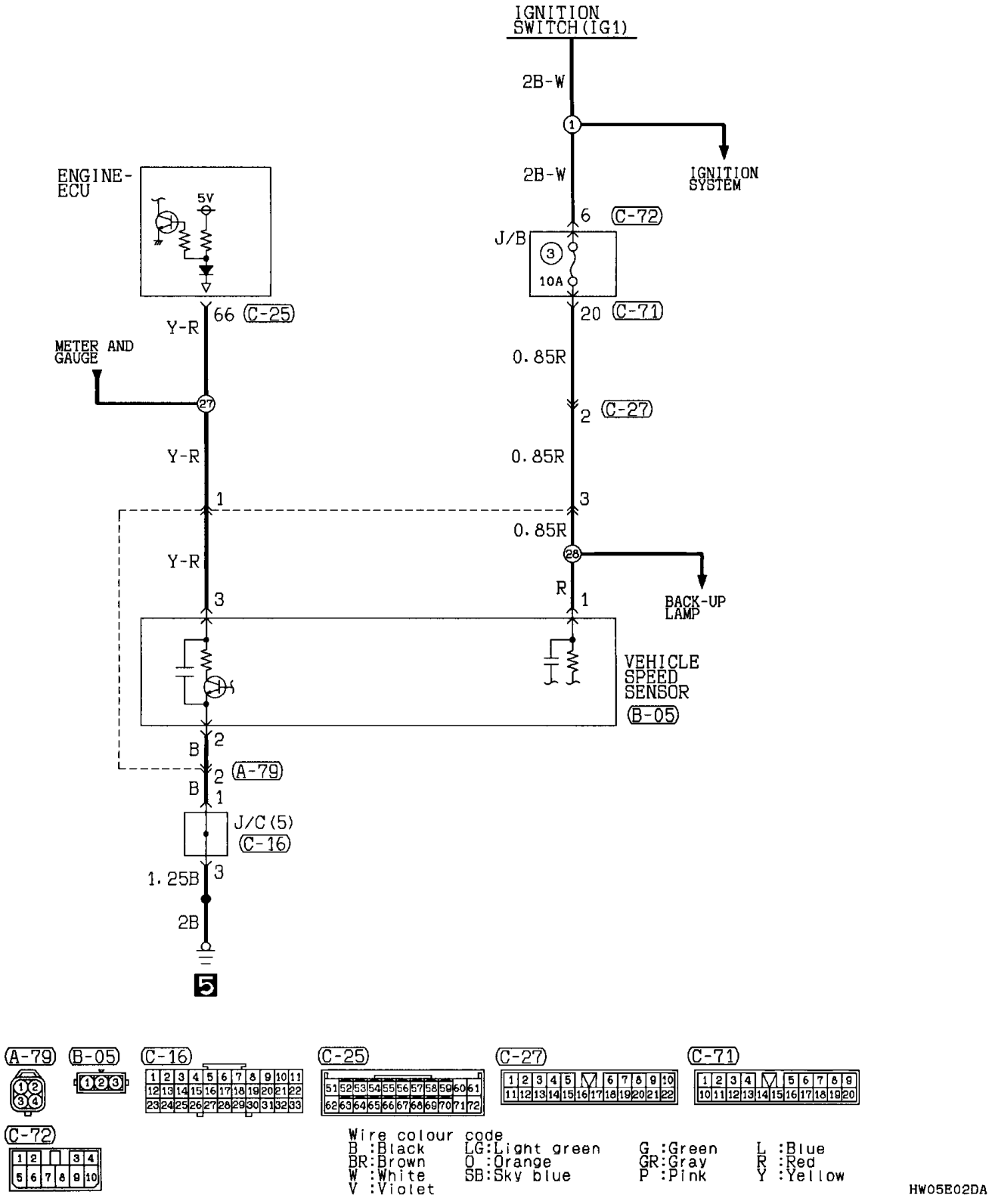
HW05E02CA

MPI SYSTEM <R.H. drive vehicles> (CONTINUED)



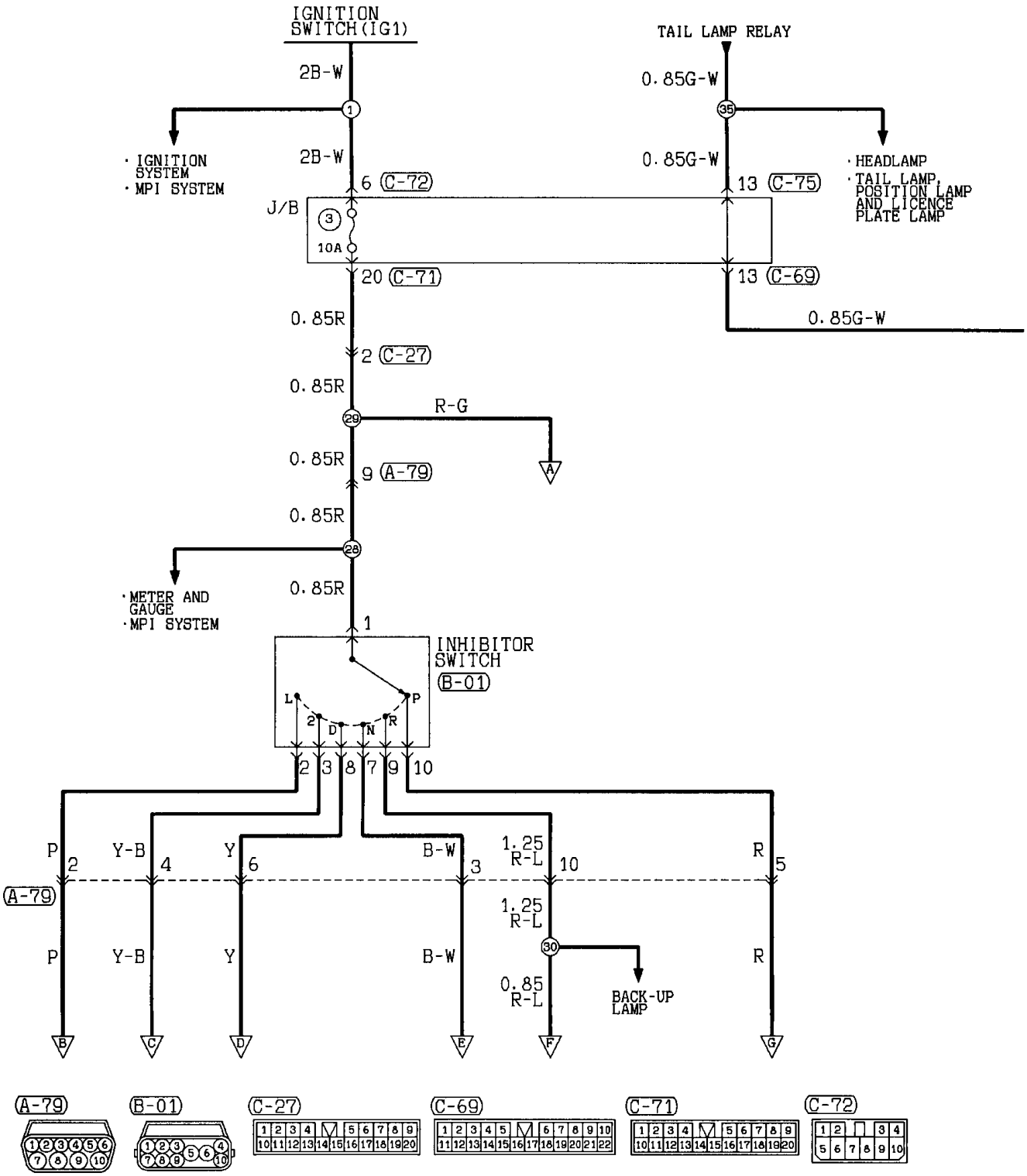
HW05E02CB

MPI SYSTEM <R.H. drive vehicles> (CONTINUED)

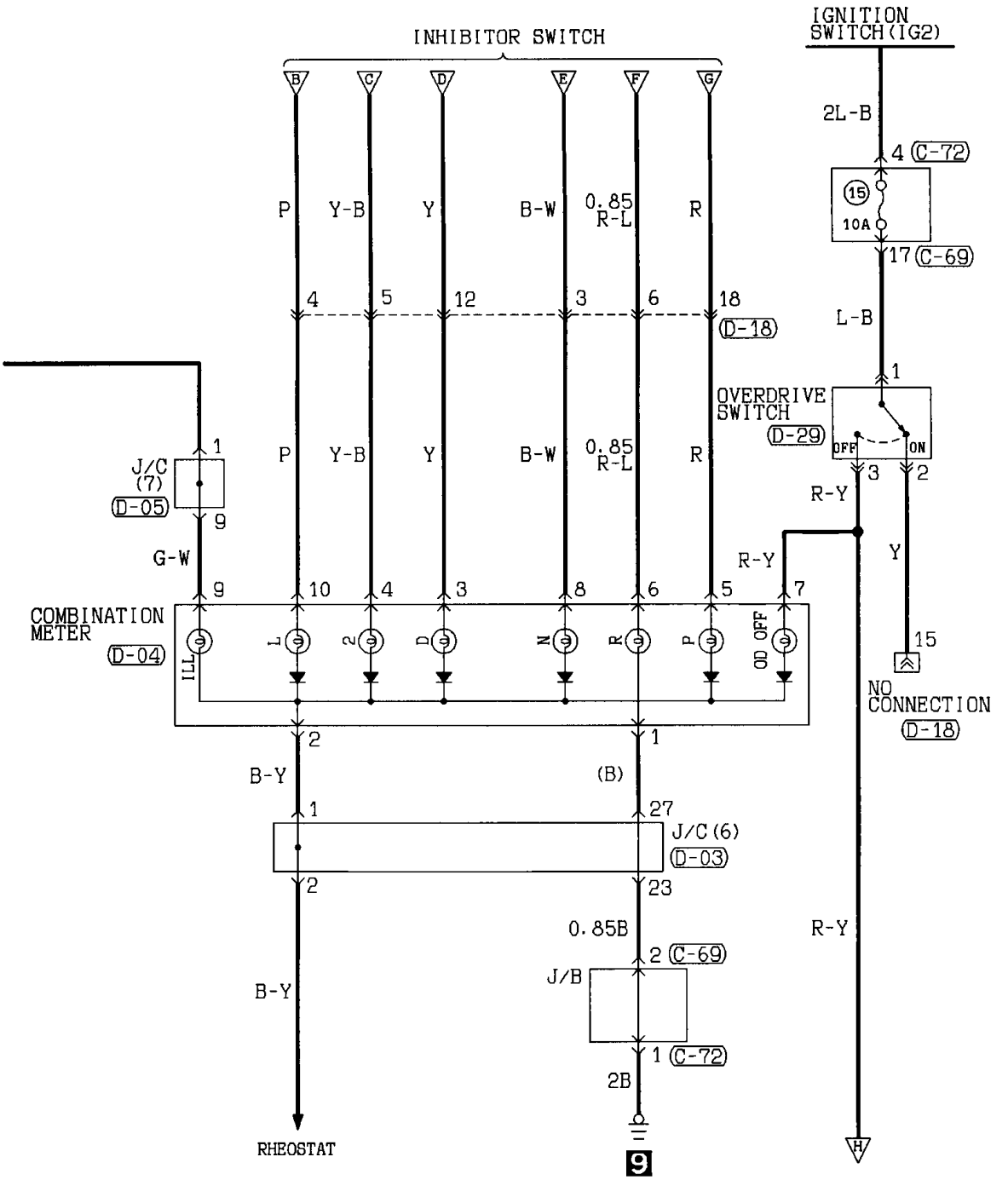


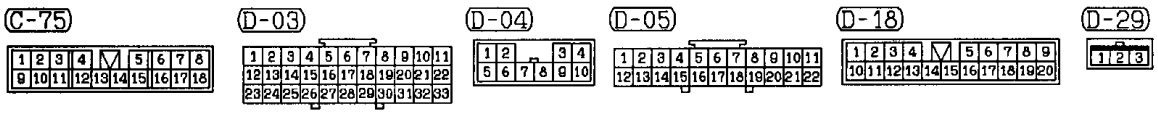
NOTES

OVERDRIVE CONTROL SYSTEM



HW07E00AA

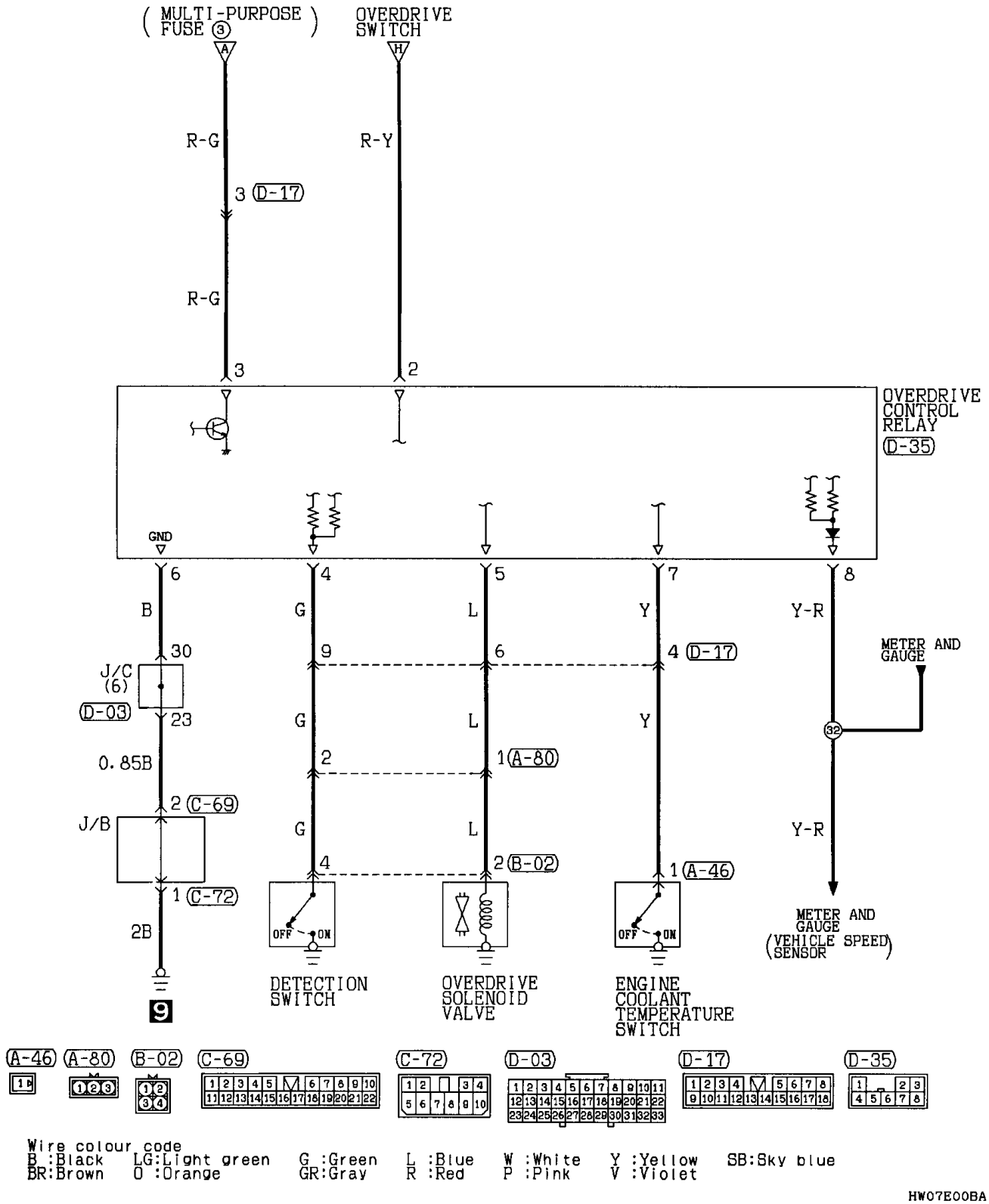




Wire colour code
B :Black LG:Light green G :Green L :Blue W :White Y :Yellow SB:Sky blue
BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

HW07E00AB

OVERDRIVE CONTROL SYSTEM (CONTINUED)



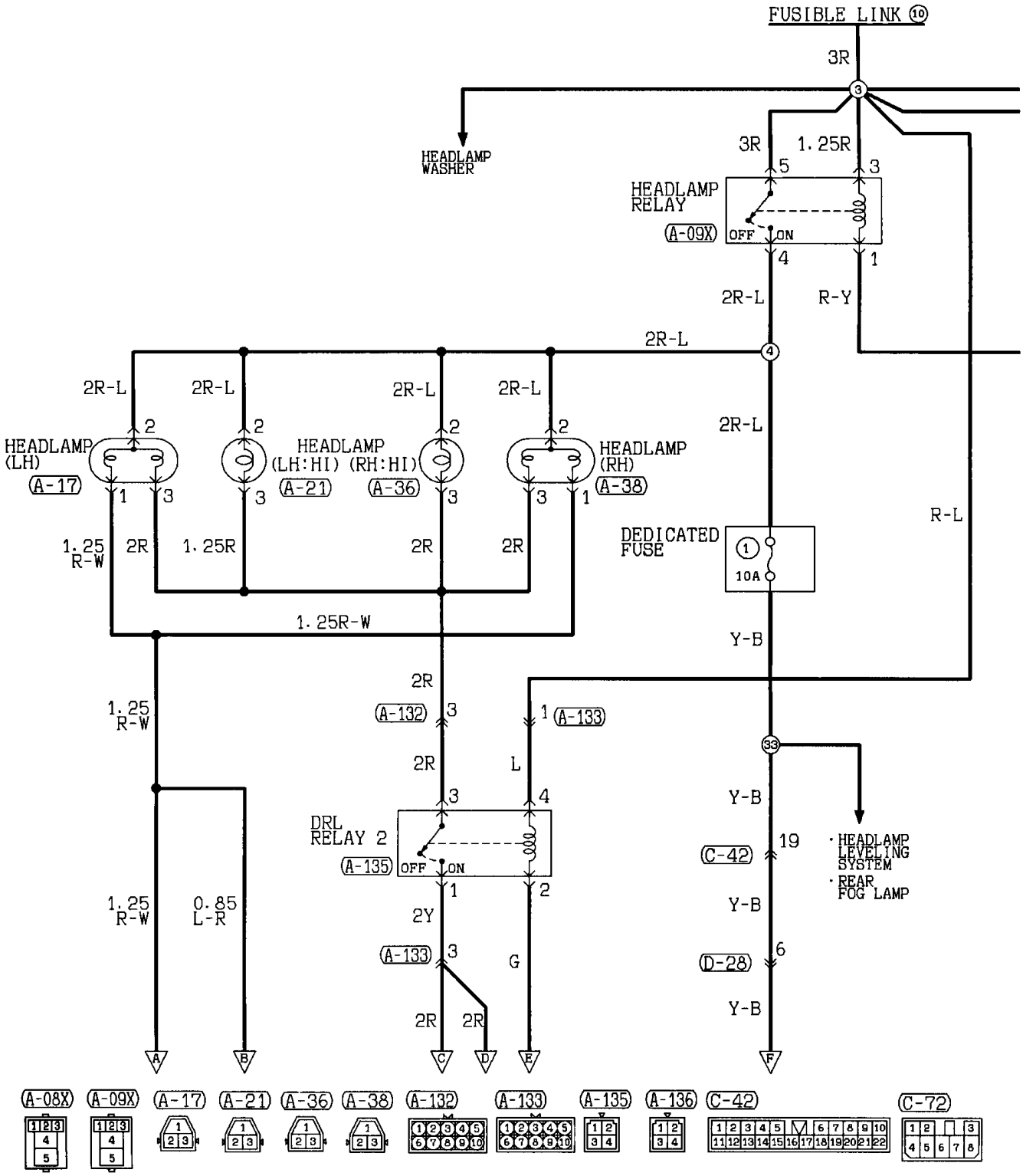
Wire colour code
B :Black LG:Light green G :Green L :Blue W :White Y :Yellow SB:Sky blue
BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

HW07E00BA

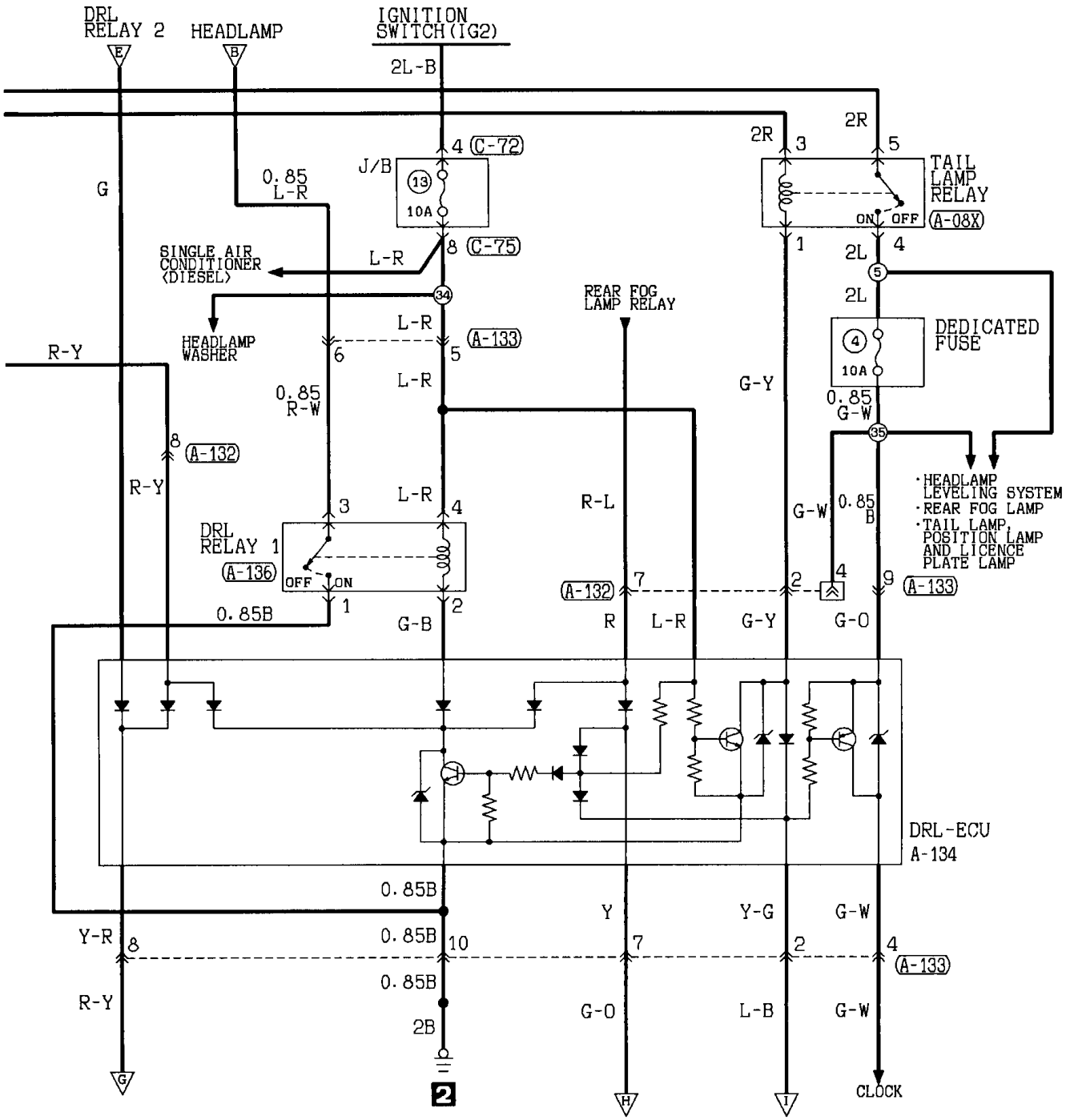
NOTES

HEADLAMP

L.H. drive vehicles with daytime running lamp



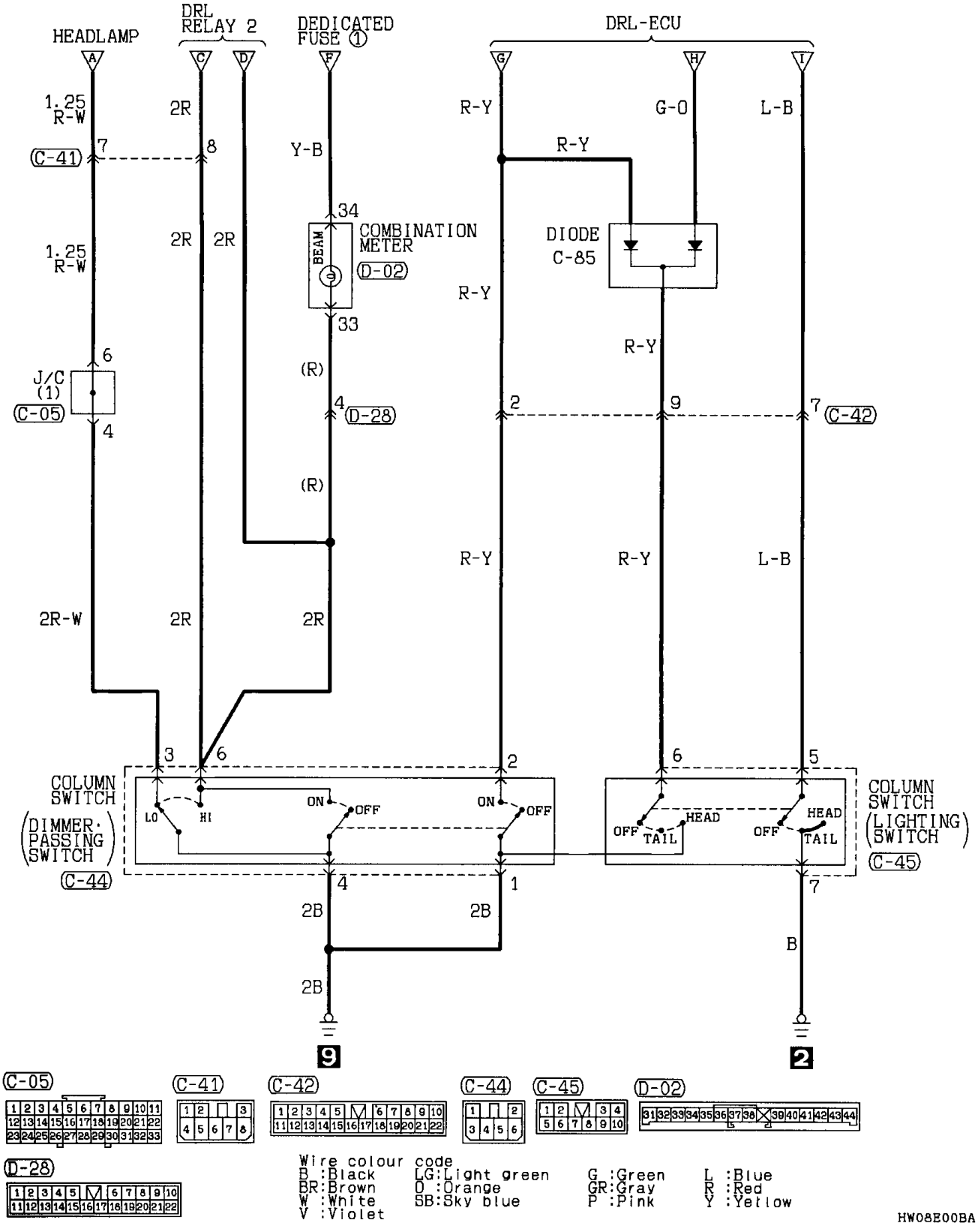
HW08E00AA



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

HW08E00AB

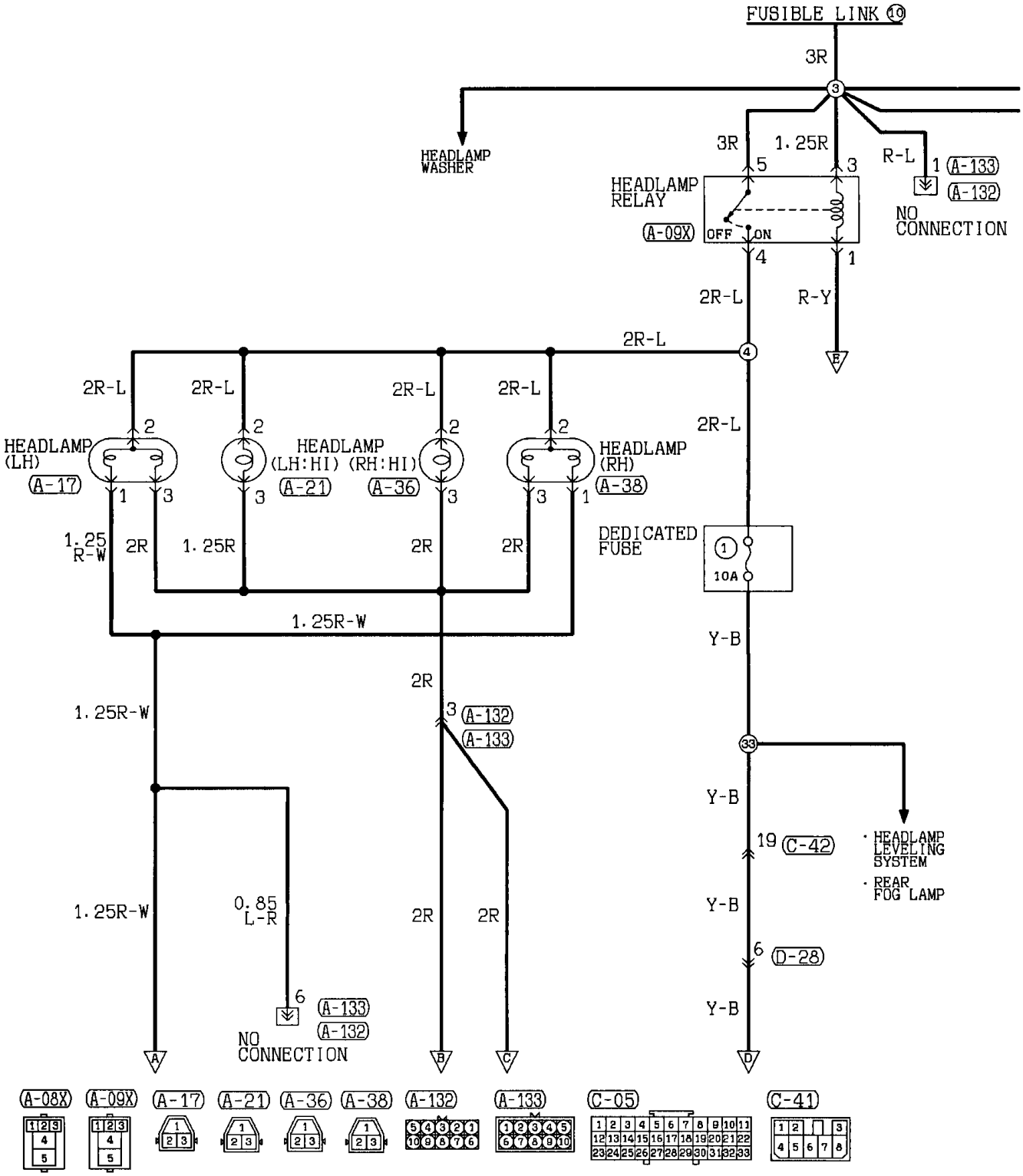
HEADLAMP <L.H. drive vehicles with daytime running lamp> (CONTINUED)



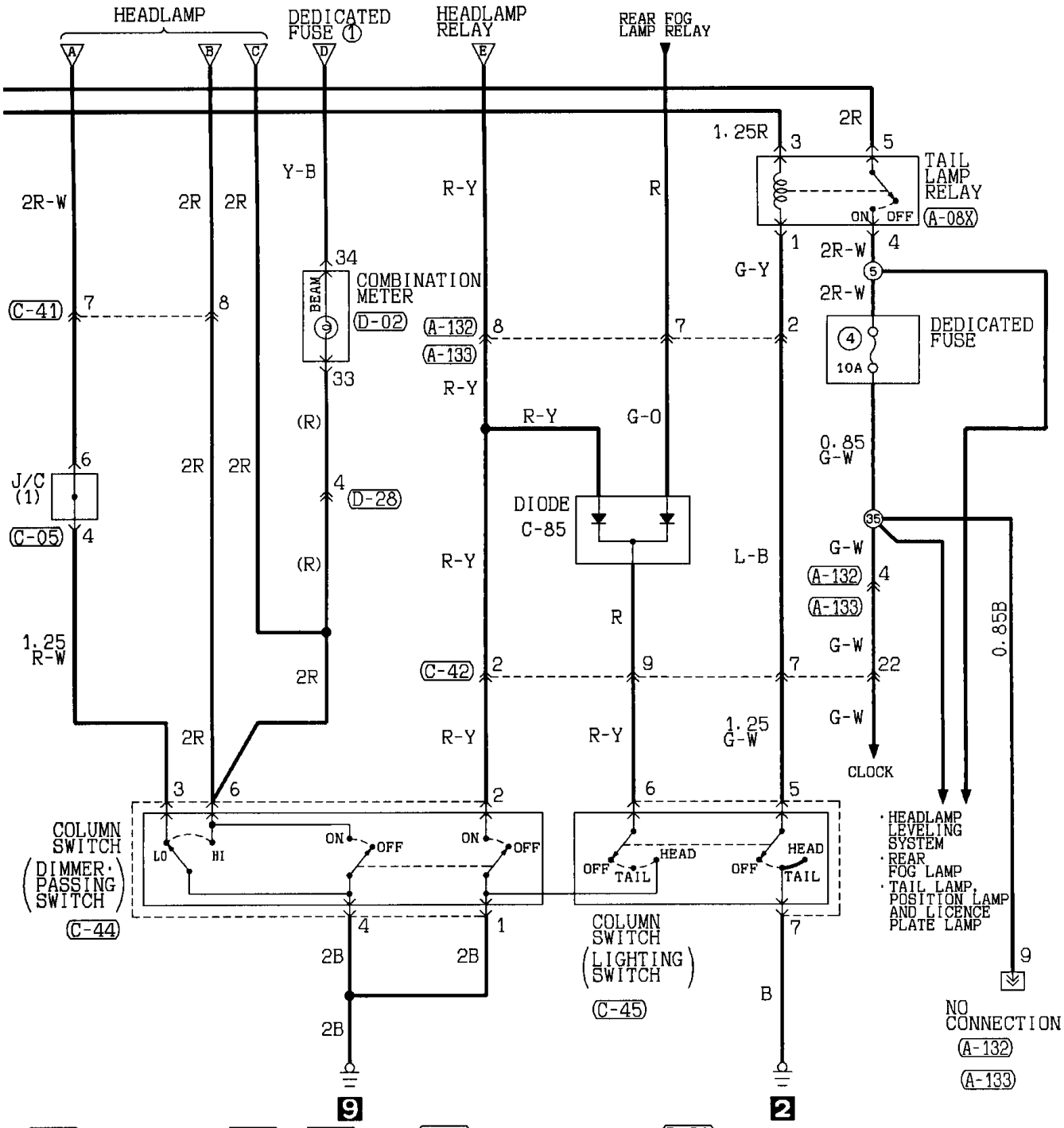
NOTES

HEADLAMP

L.H. drive vehicles without daytime running lamp



HW08E01AA



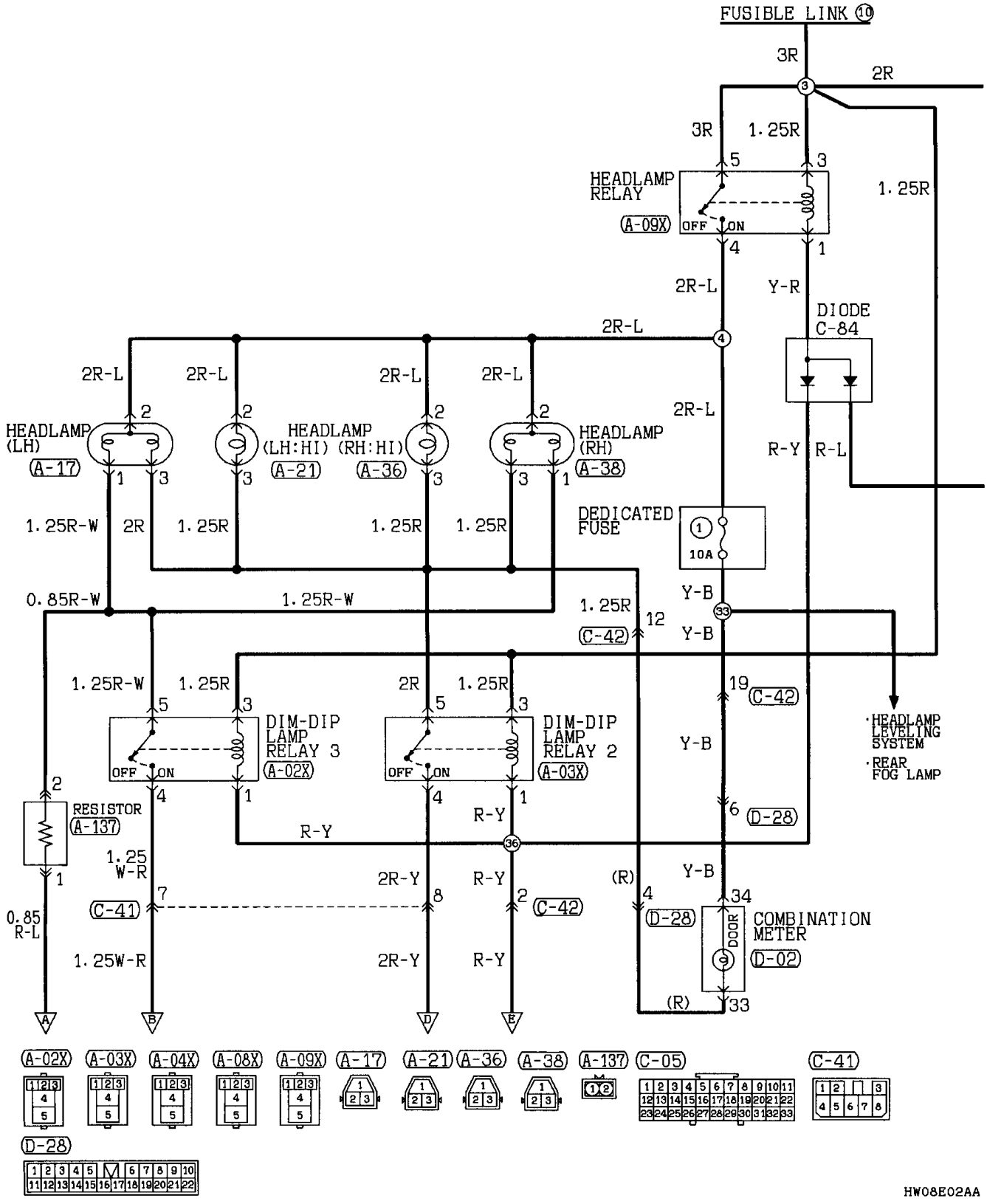
Wire colour code

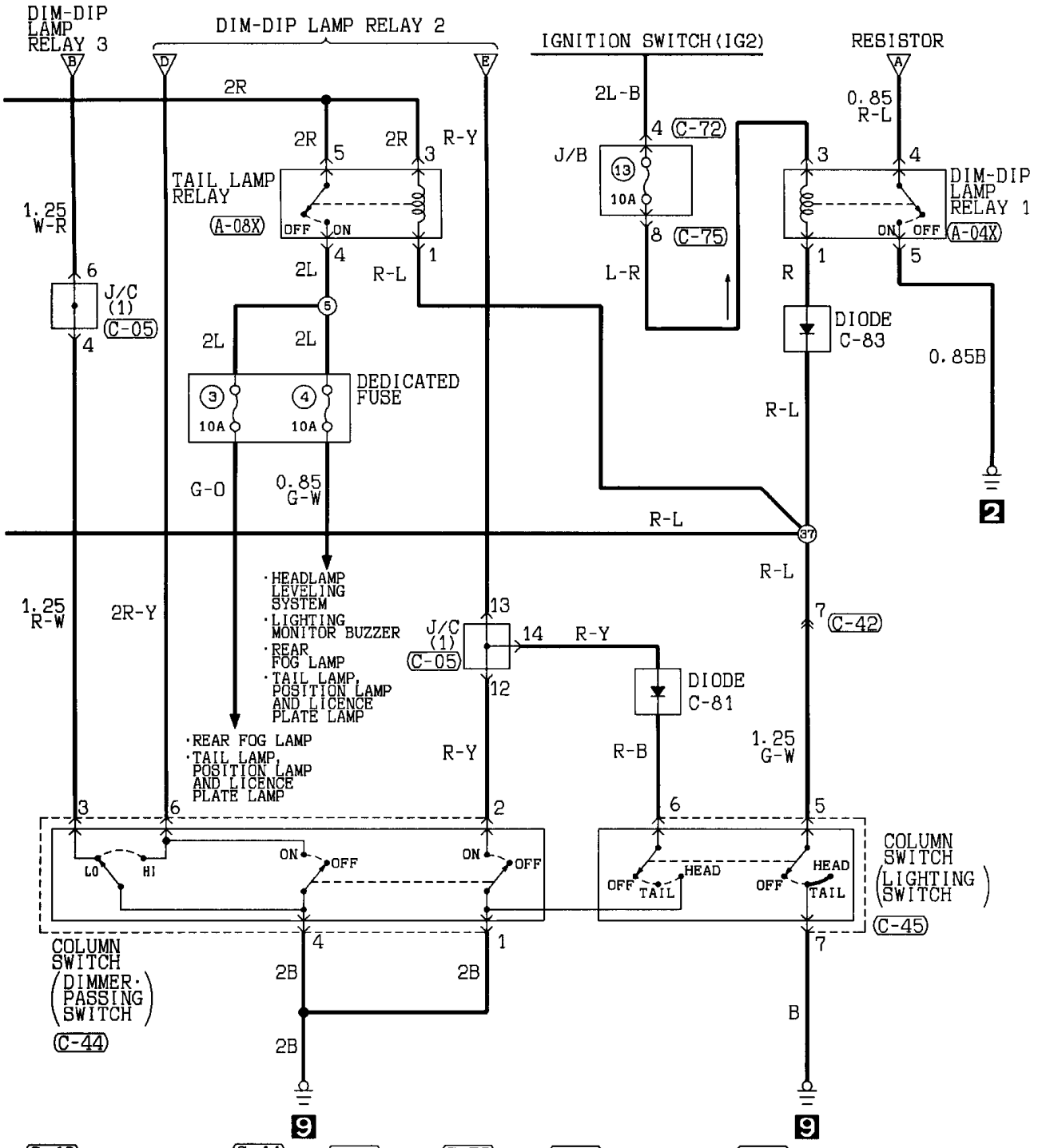
B :Black	LG:Light green	G :Green	L :Blue	W :White	Y :Yellow	SB:Sky blue	
BR:Brown	O :Orange	GR:Gray	R :Red	P :Pink	V :Violet		

HW08E01AB

HEADLAMP

R.H. drive vehicles



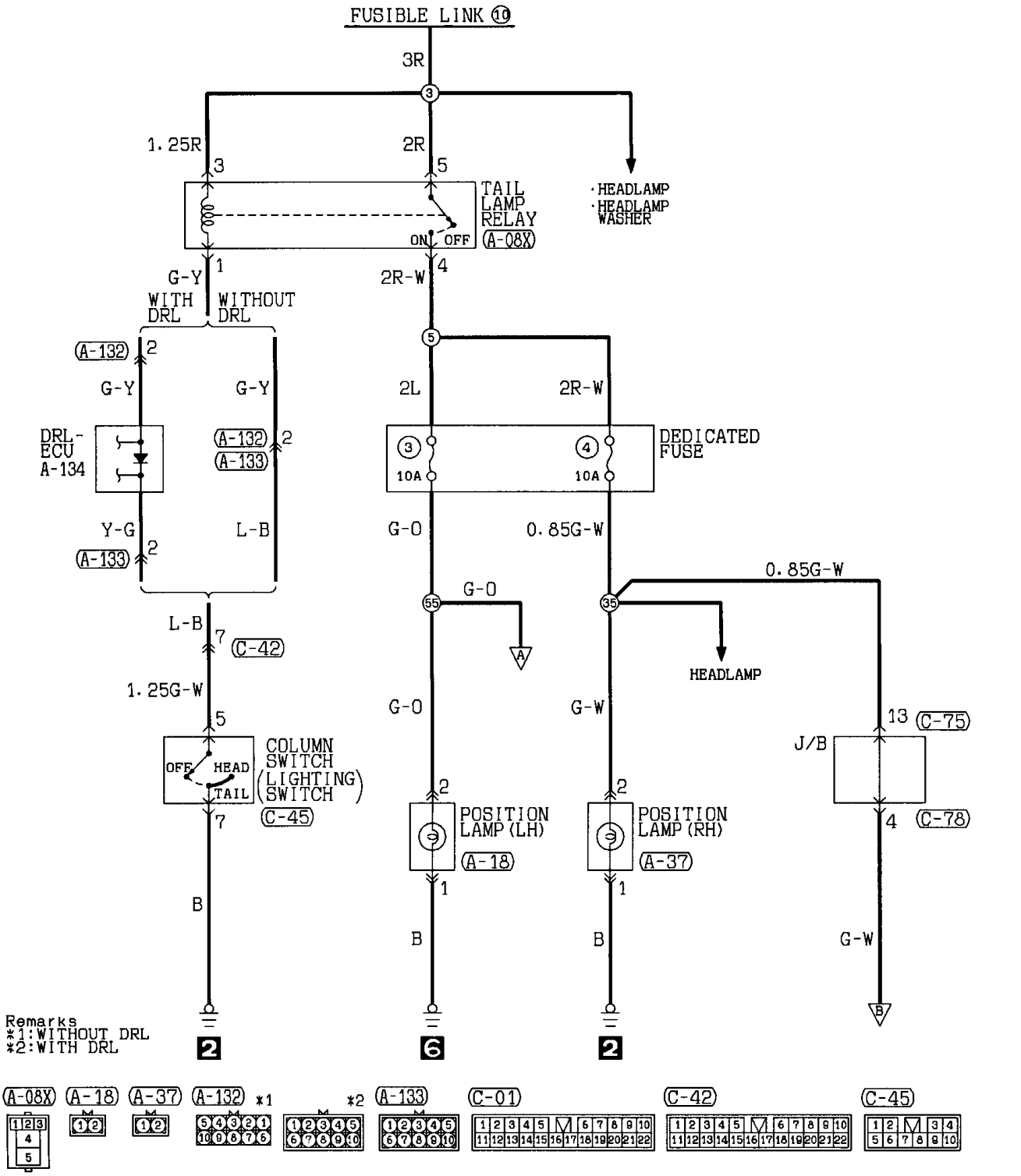


Wire colour code
B :Black LG:Light green G :Green L :Blue W :White Y :Yellow SB:Sky blue
BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

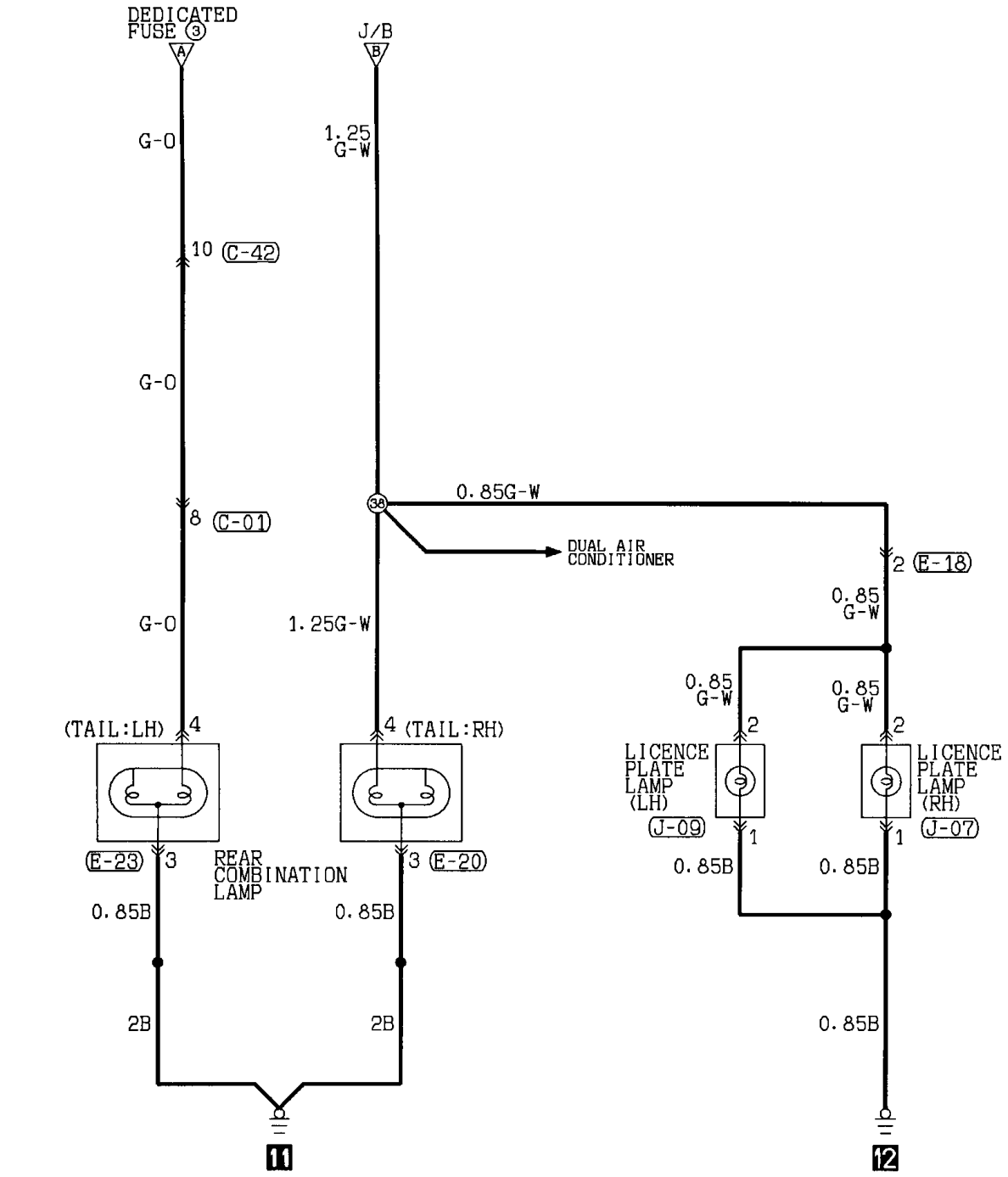
HW08E02AB

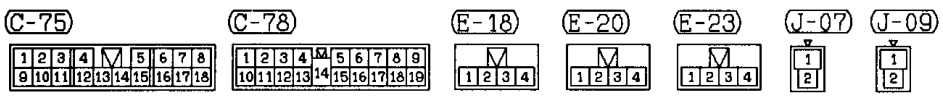
TAIL LAMP, POSITION LAMP AND LICENCE PLATE LAMP

L.H. drive vehicles



HW08E03AA



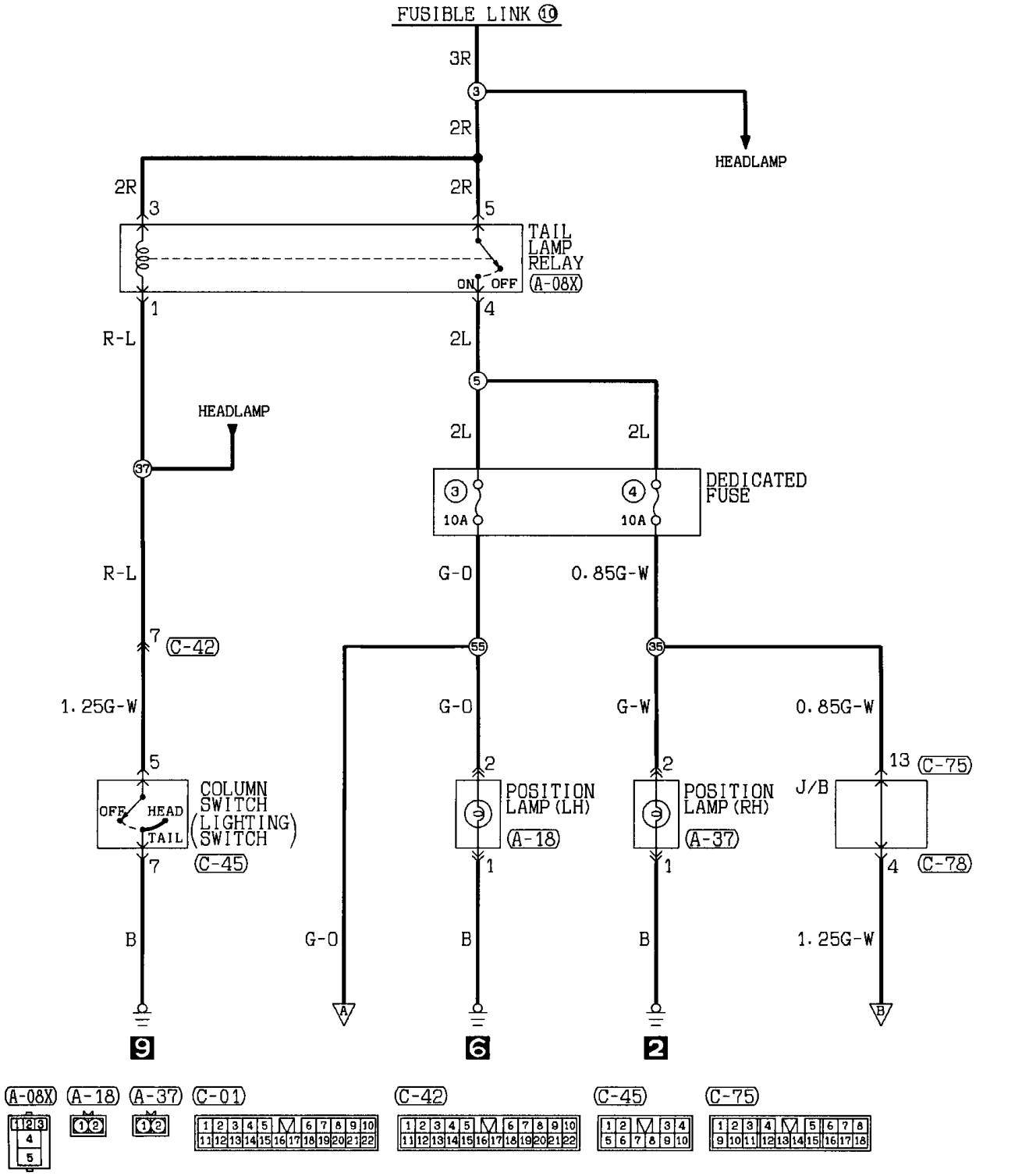


Wire colour code
B :Black LG:Light green G :Green L :Blue W :White Y :Yellow SB:Sky blue
BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

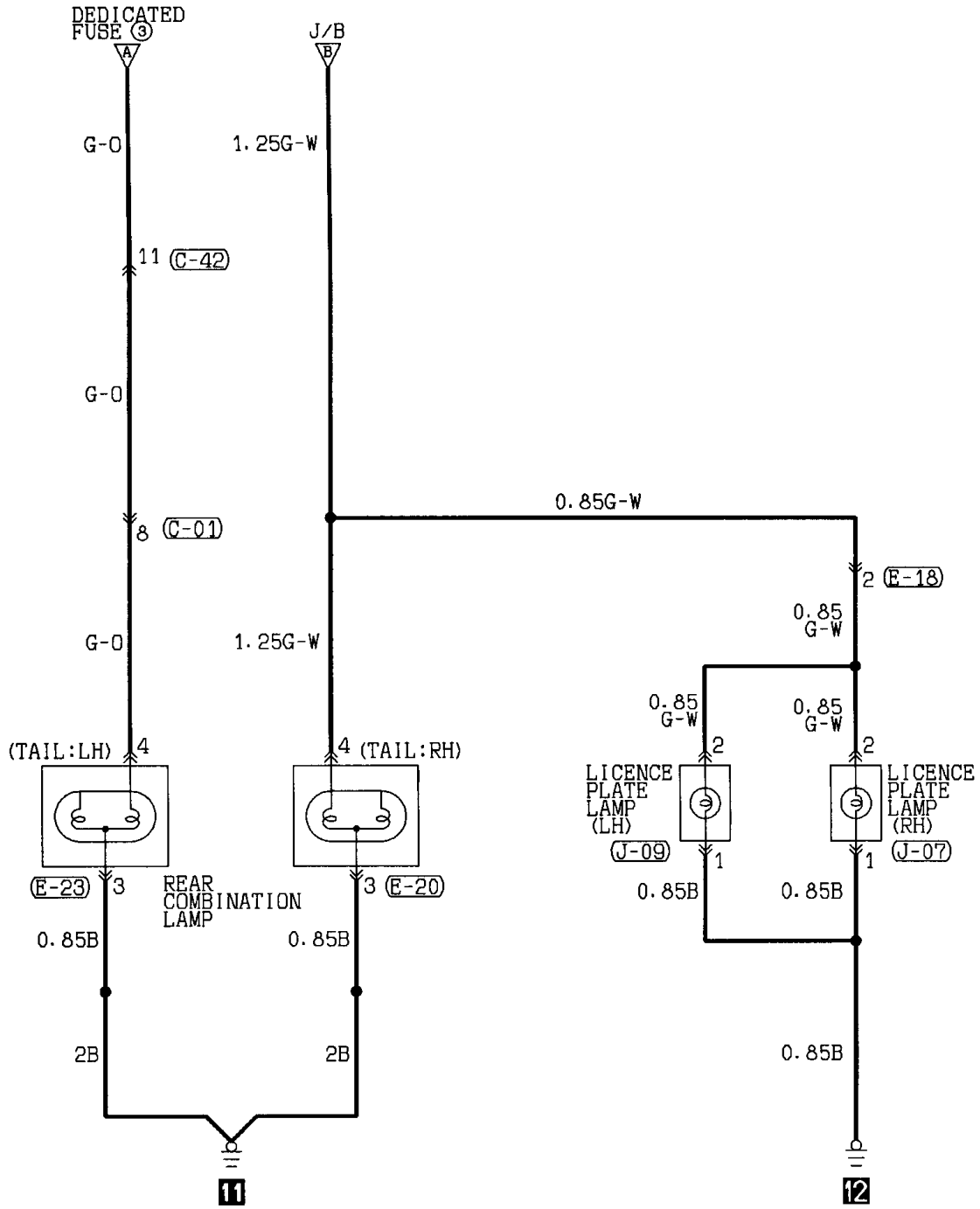
HW08E03AB

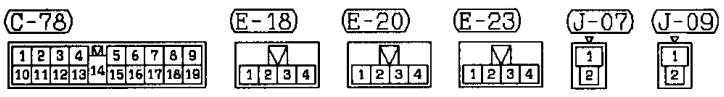
TAIL LAMP, POSITION LAMP AND LICENCE PLATE LAMP

R.H. drive vehicles



HW08E04AA



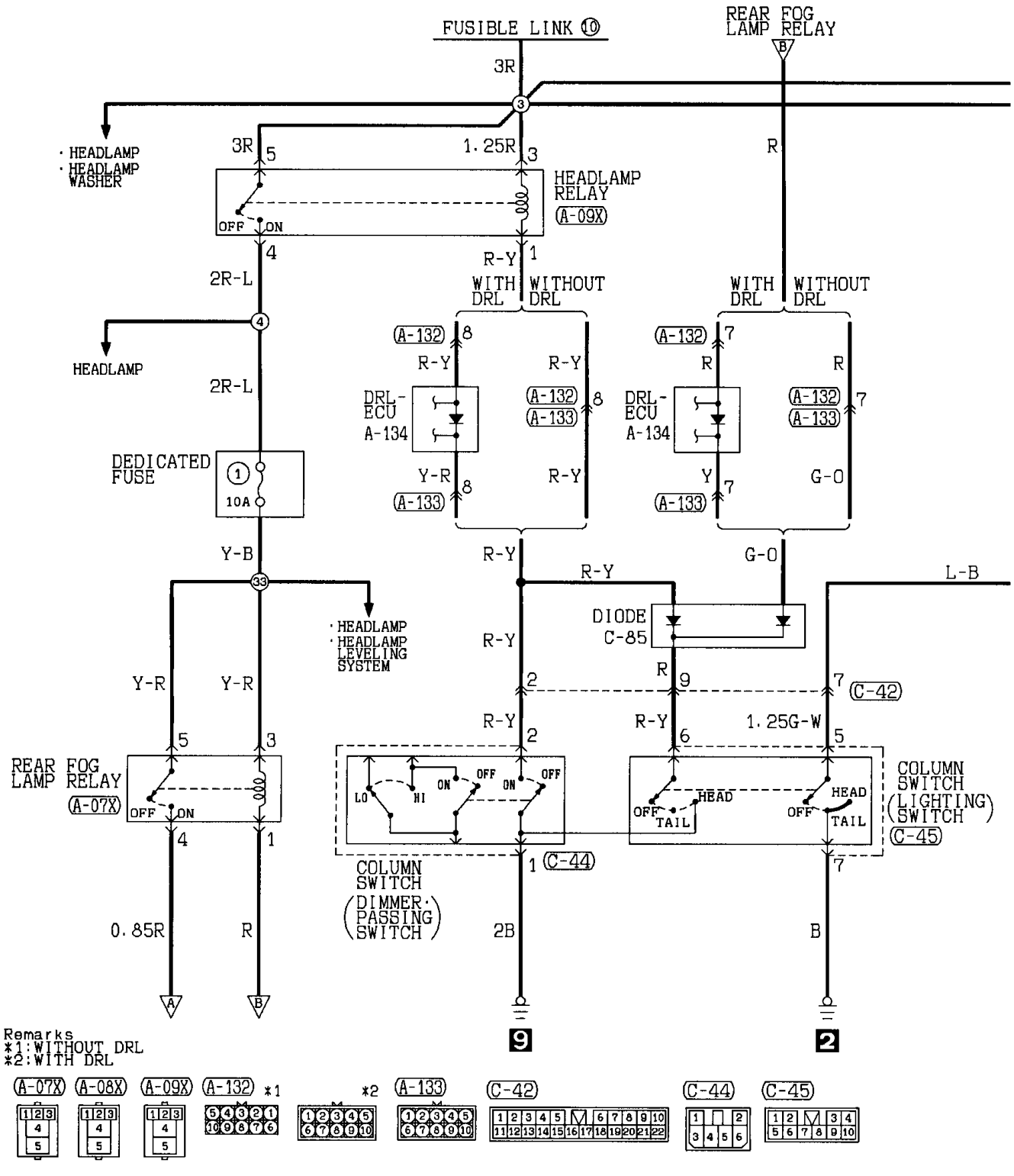


Wire colour code
B :Black LG:Light green G :Green L :Blue W :White Y :Yellow SB:Sky blue
BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

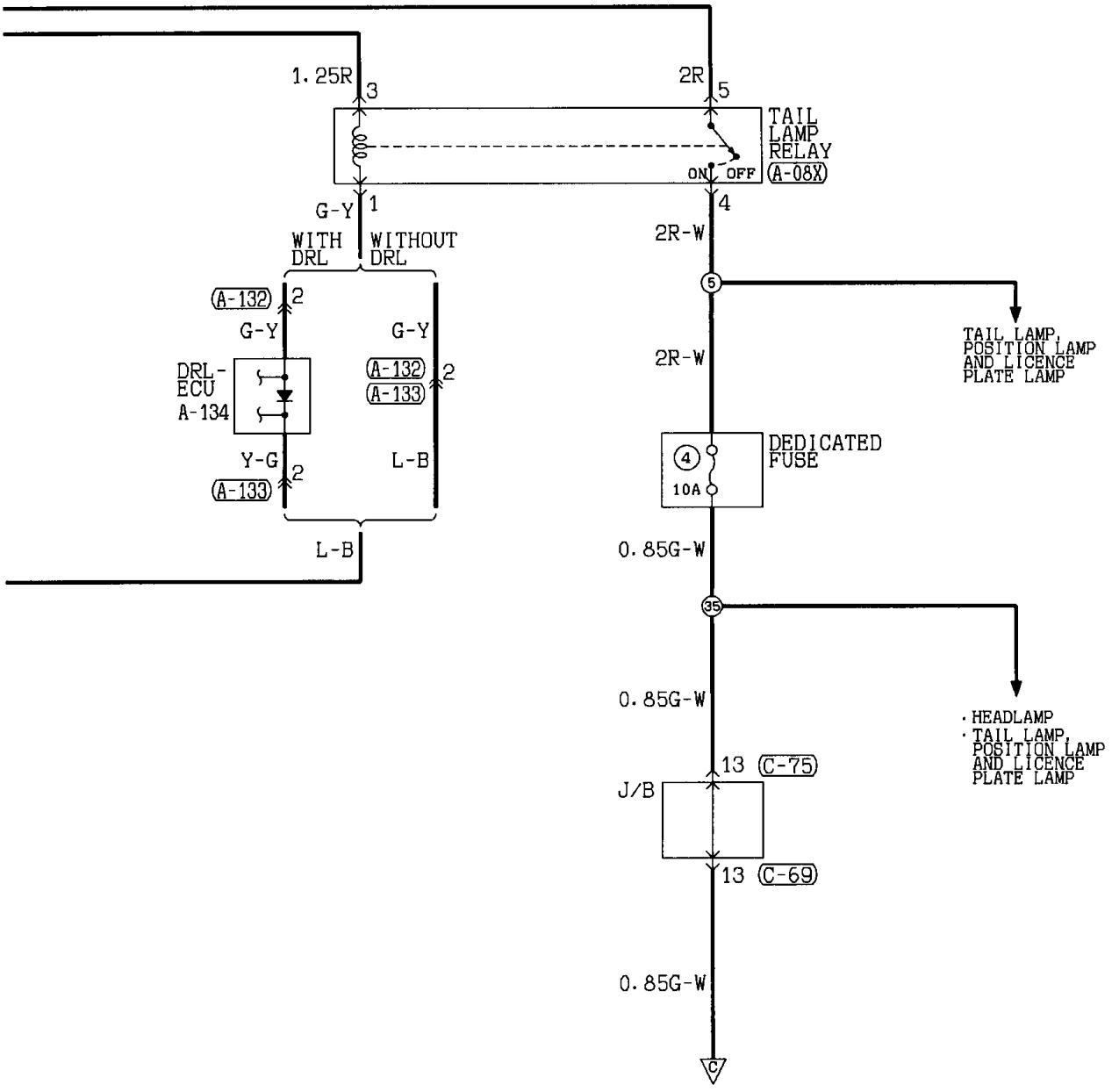
HW08E04AB

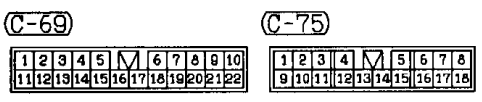
REAR FOG LAMP

L.H. drive vehicles



HW08E05AA

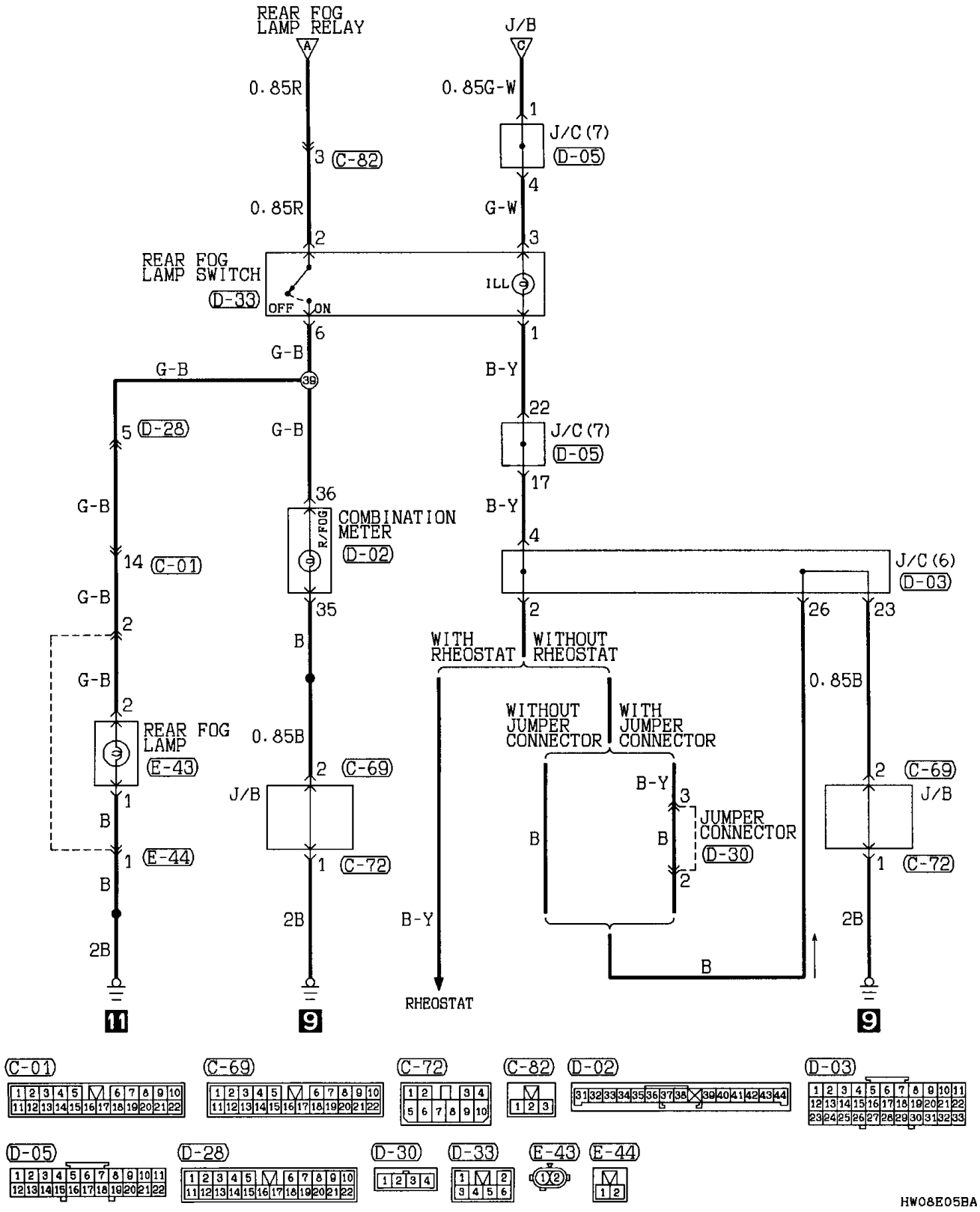




Wire colour code
B :Black LG:Light green G :Green L :Blue W :White Y :Yellow SB:Sky blue
BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

HW08E05AB

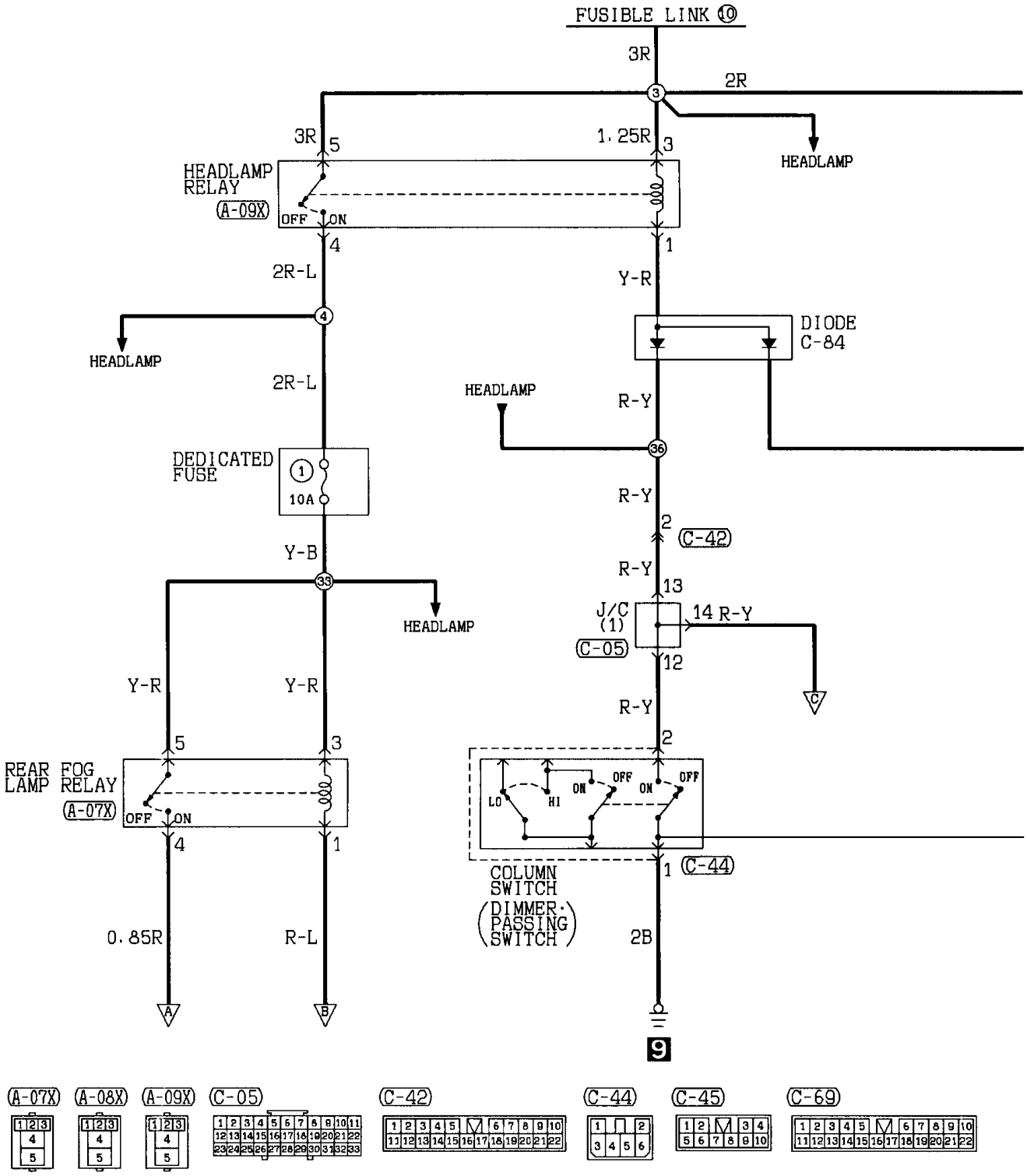
REAR FOG LAMP <L.H. drive vehicles> (CONTINUED)



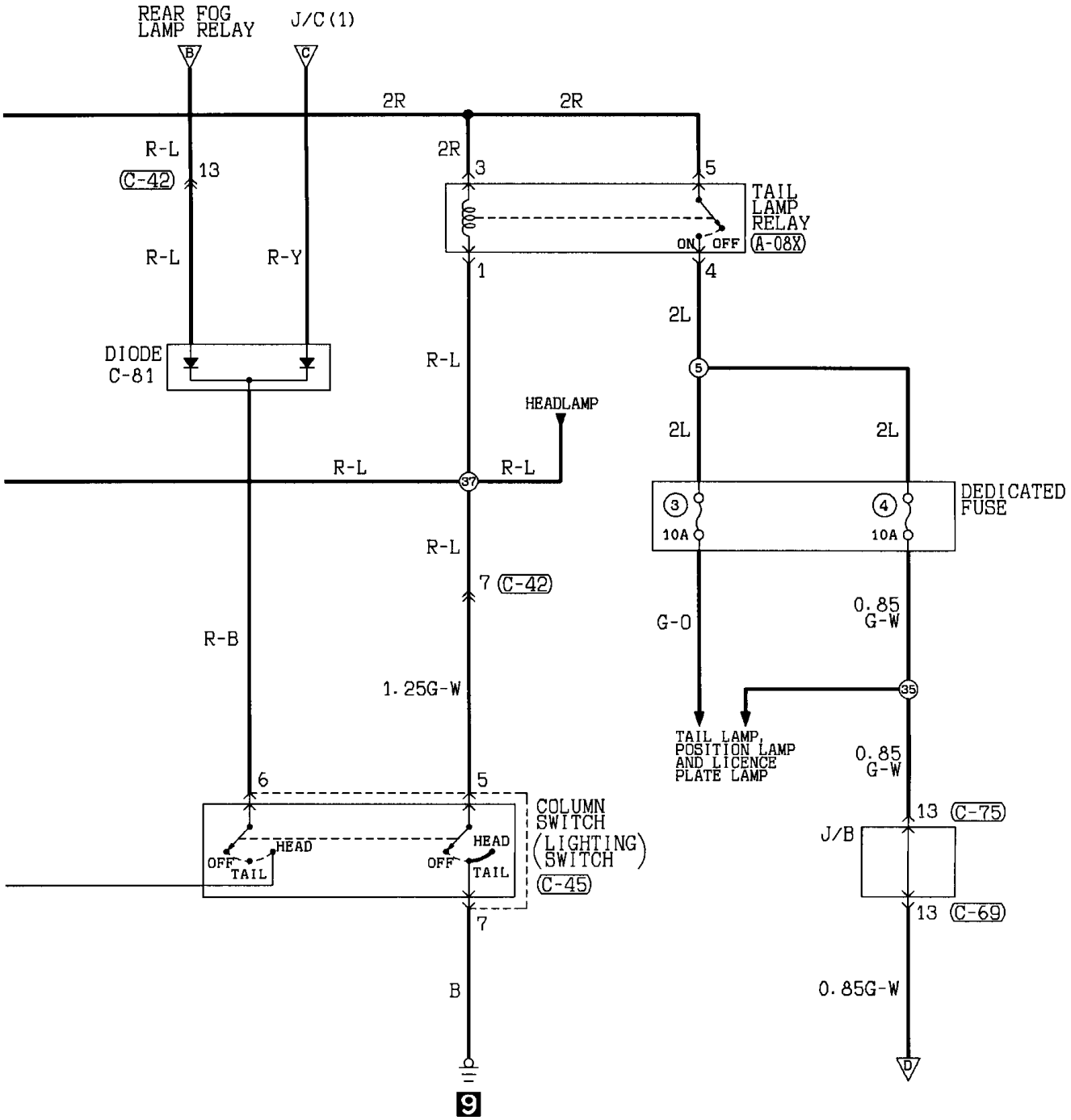
NOTES

REAR FOG LAMP

R.H. drive vehicles



HW08E06AA



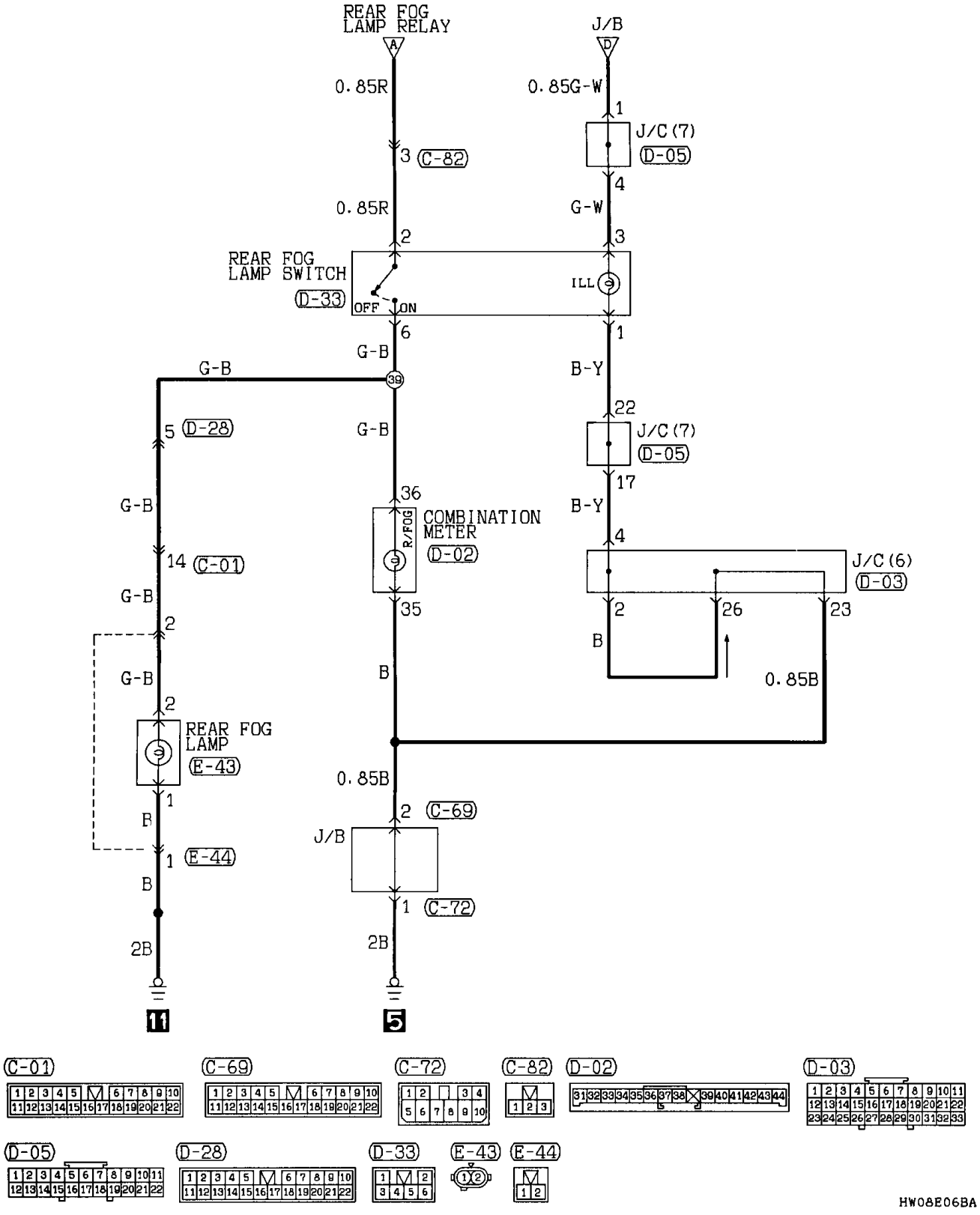
C-75

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		

HW08E06AB

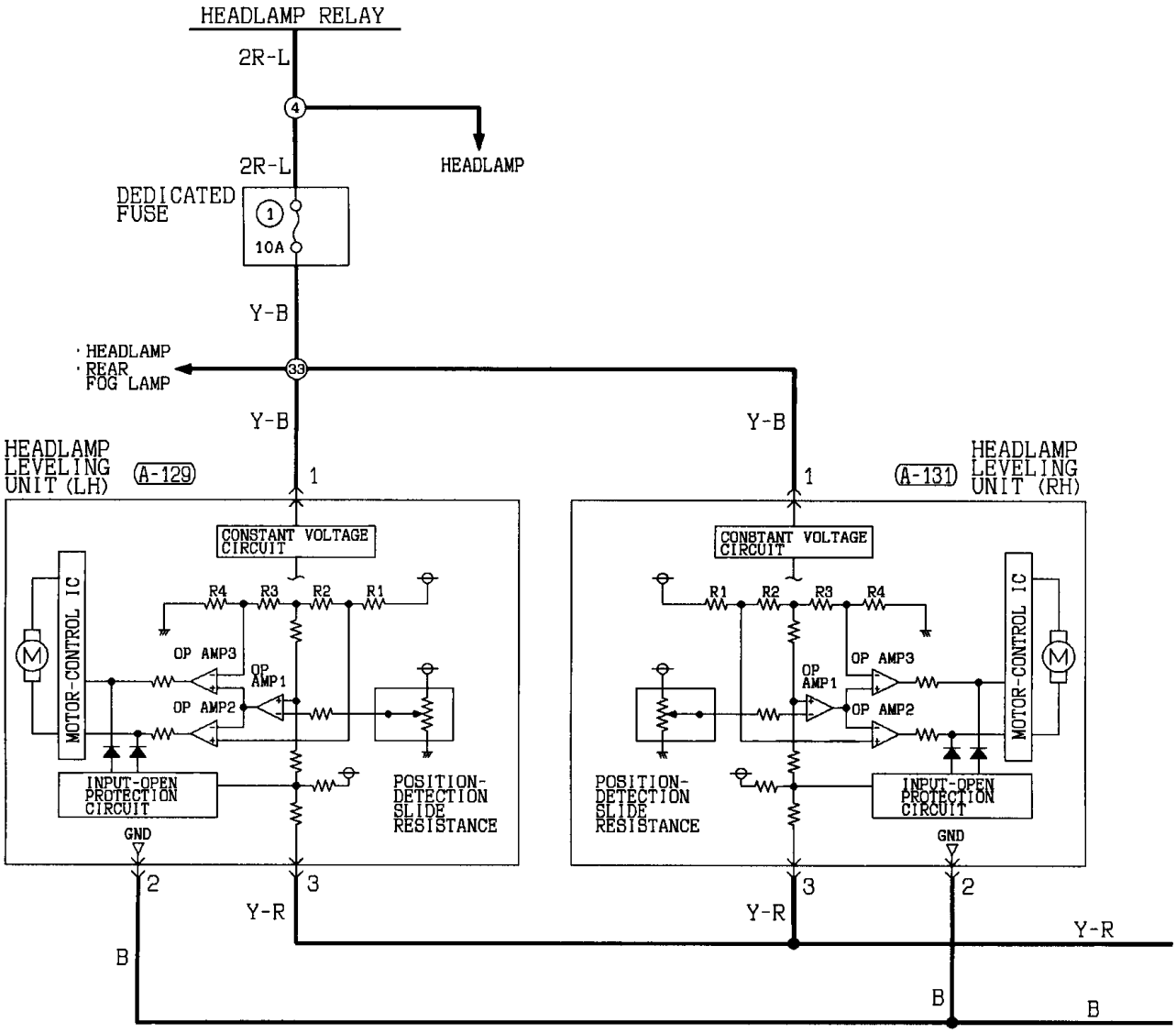
REAR FOG LAMP <R.H. drive vehicles> (CONTINUED)

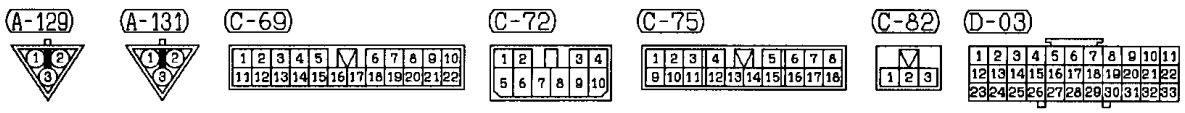


NOTES

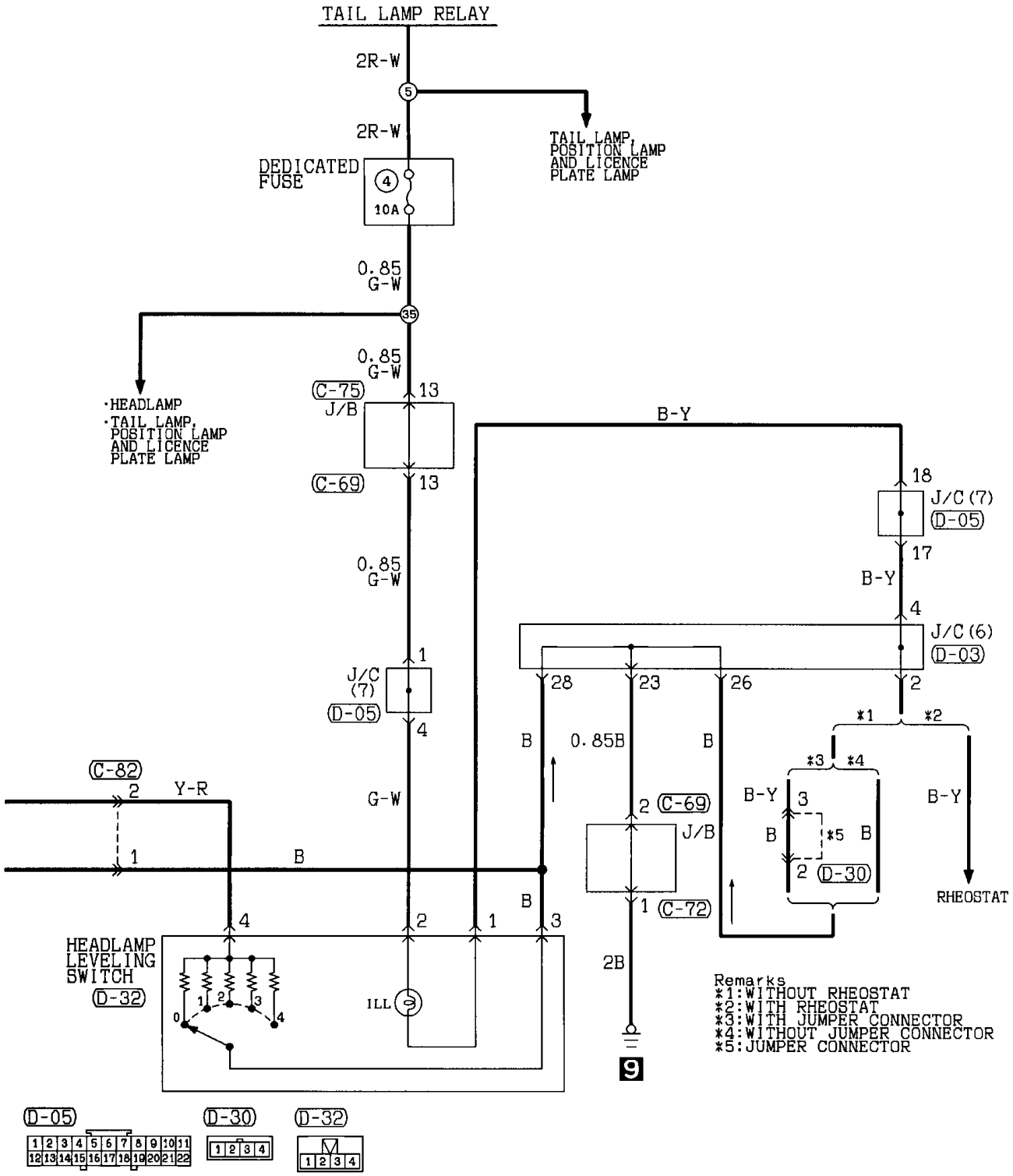
HEADLAMP LEVELING SYSTEM

L.H. drive vehicles





HW08E07AA



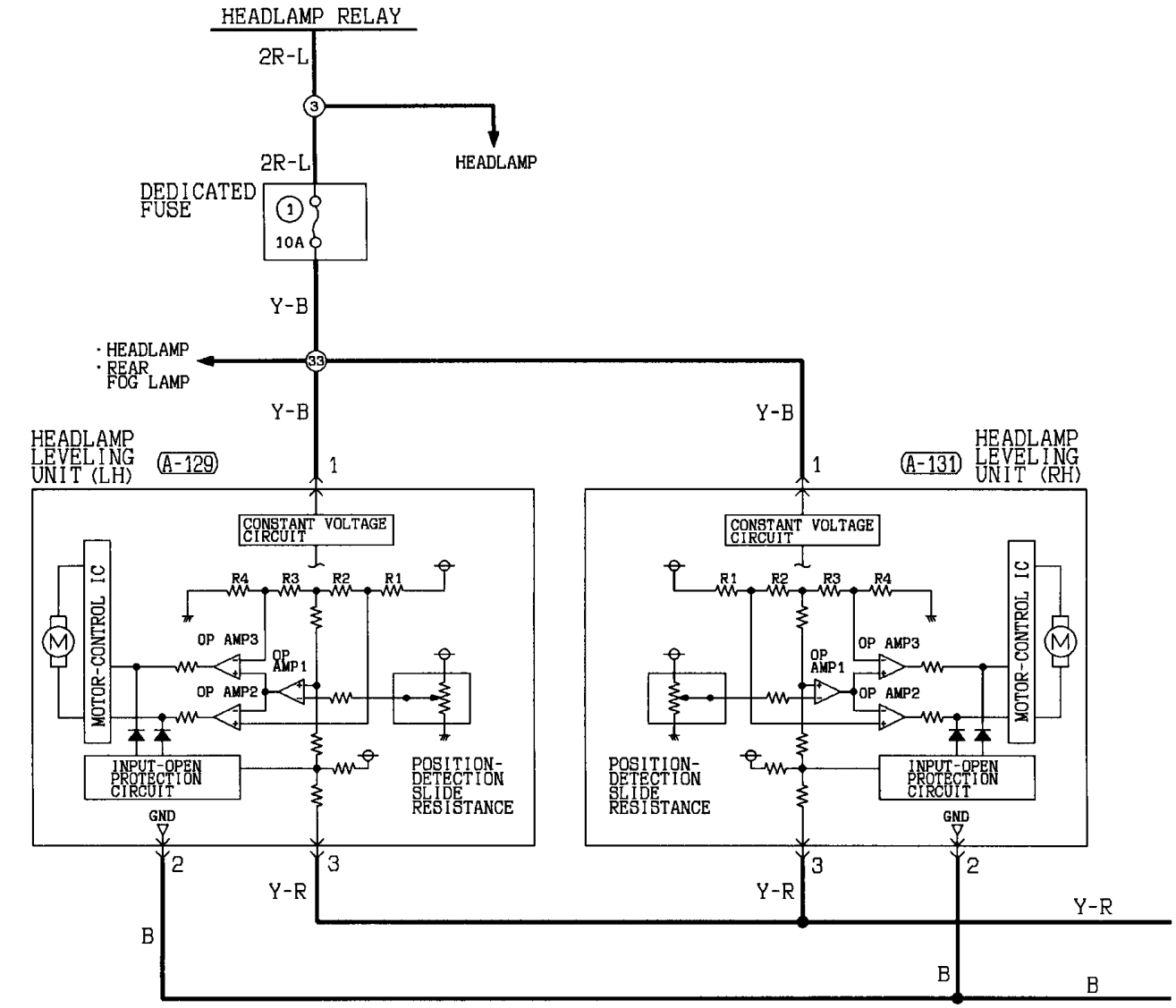
Wire colour code

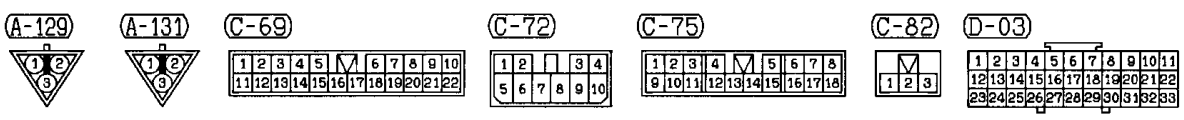
B :Black	LG:Light green	G :Green	L :Blue	W :White	Y :Yellow	SB:Sky blue	
BR:Brown	O :Orange	GR:Gray	R :Red	P :Pink	V :Violet		

HW08E07AB

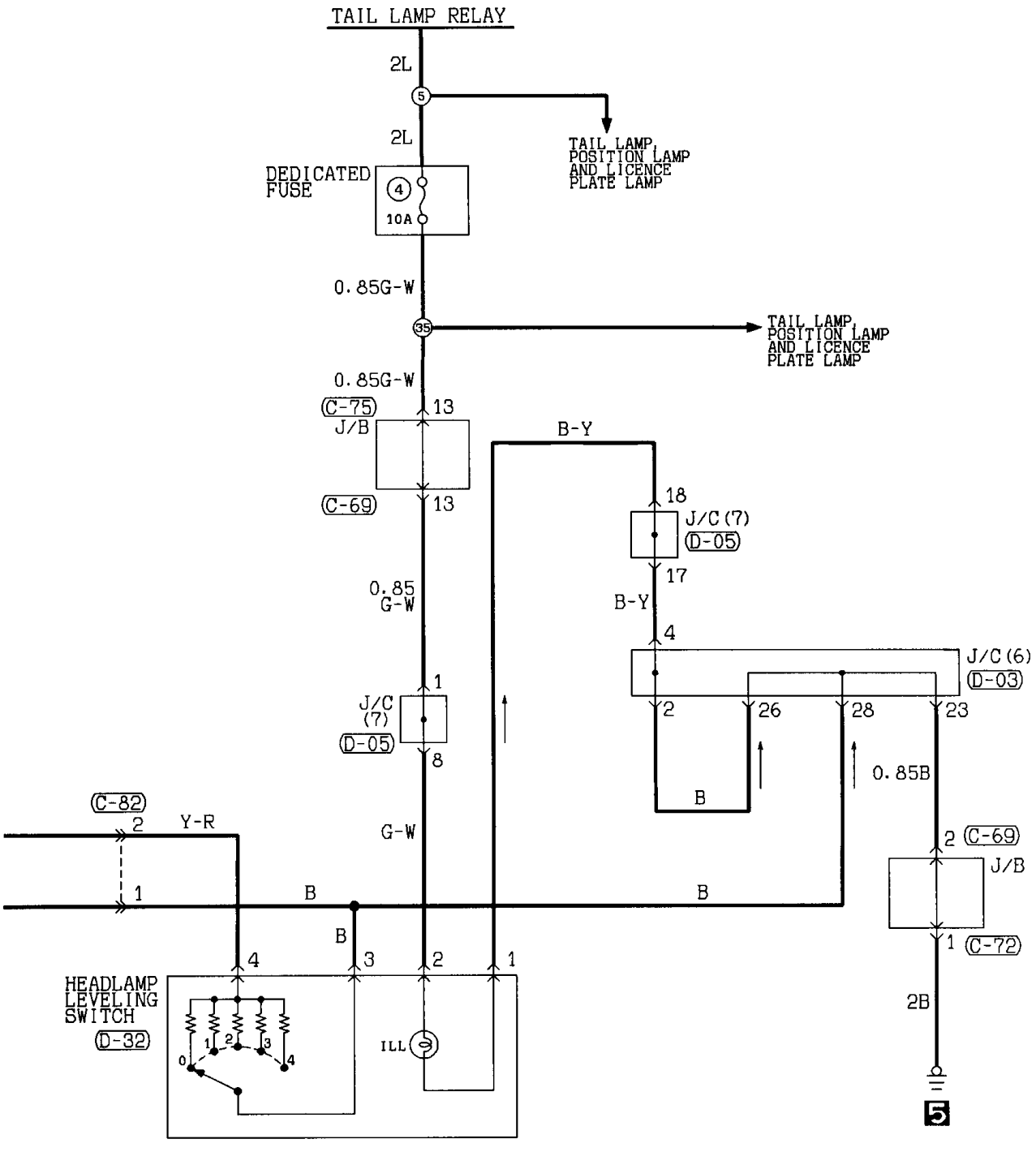
HEADLAMP LEVELING SYSTEM

R.H. drive vehicles





HW08E08AA

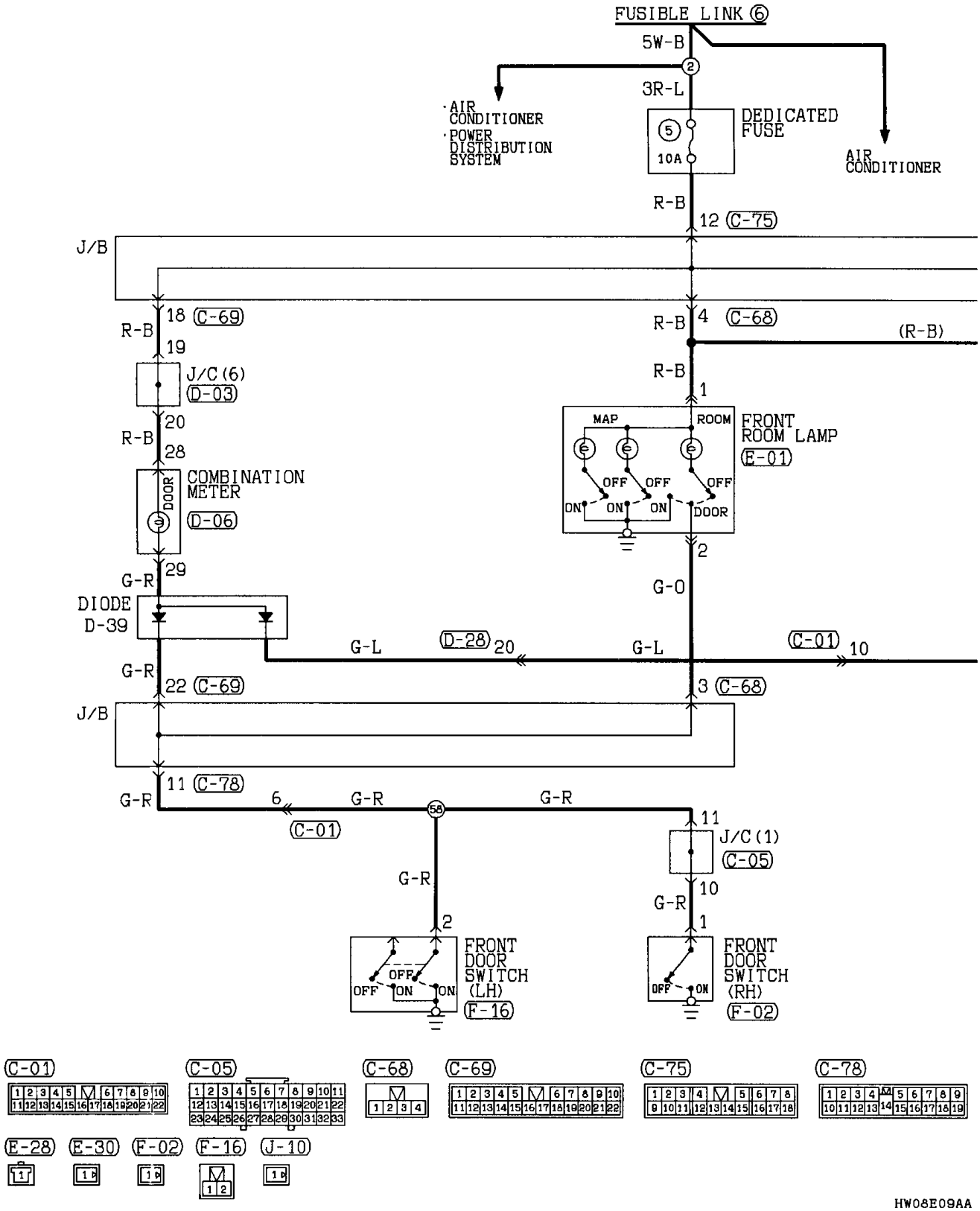


Wire colour code
B :Black LG:Light green G :Green L :Blue W :White Y :Yellow SB:Sky blue
BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

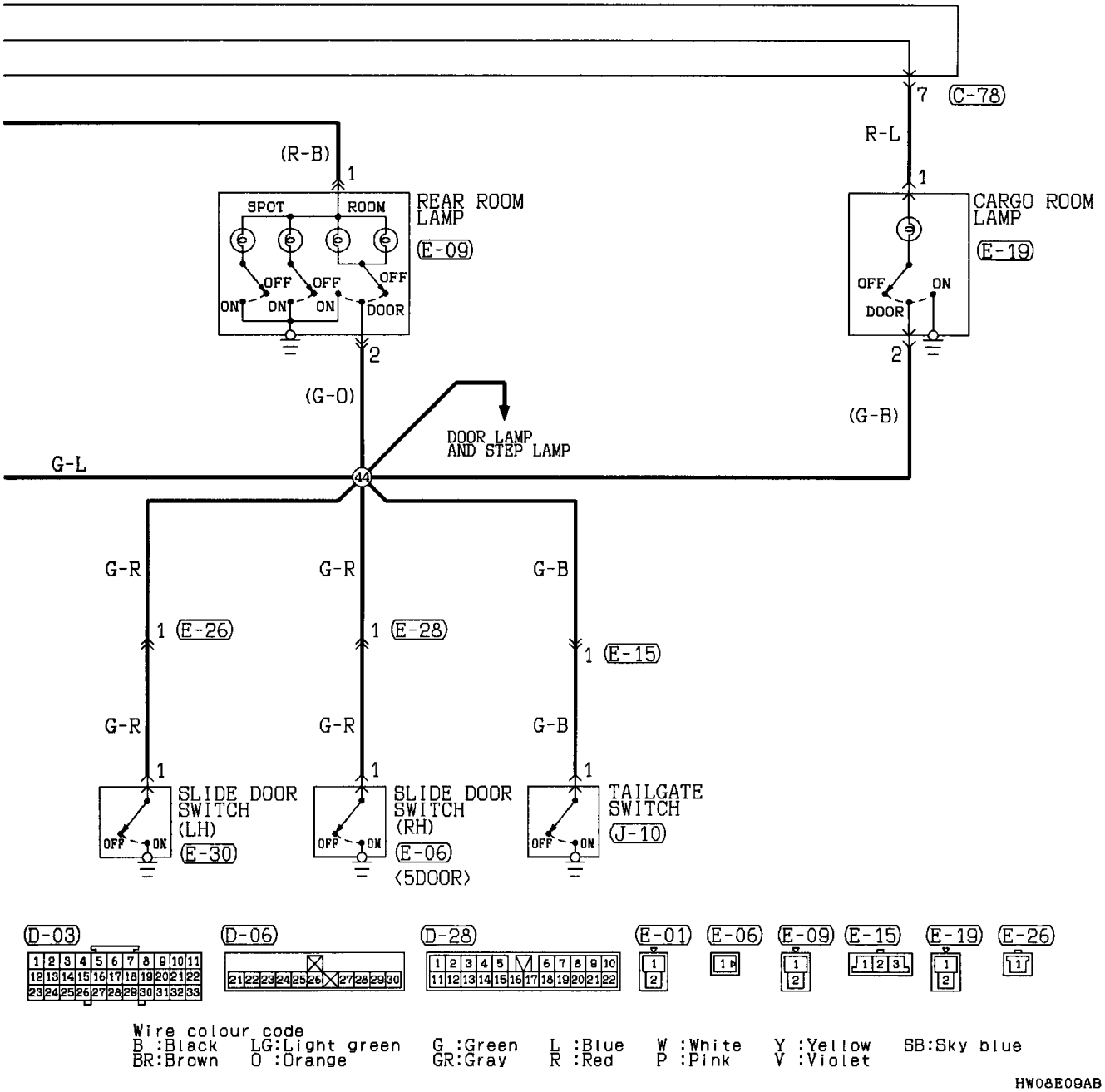
HW08E08AB

ROOM LAMP

L.H. drive vehicles with sunroof



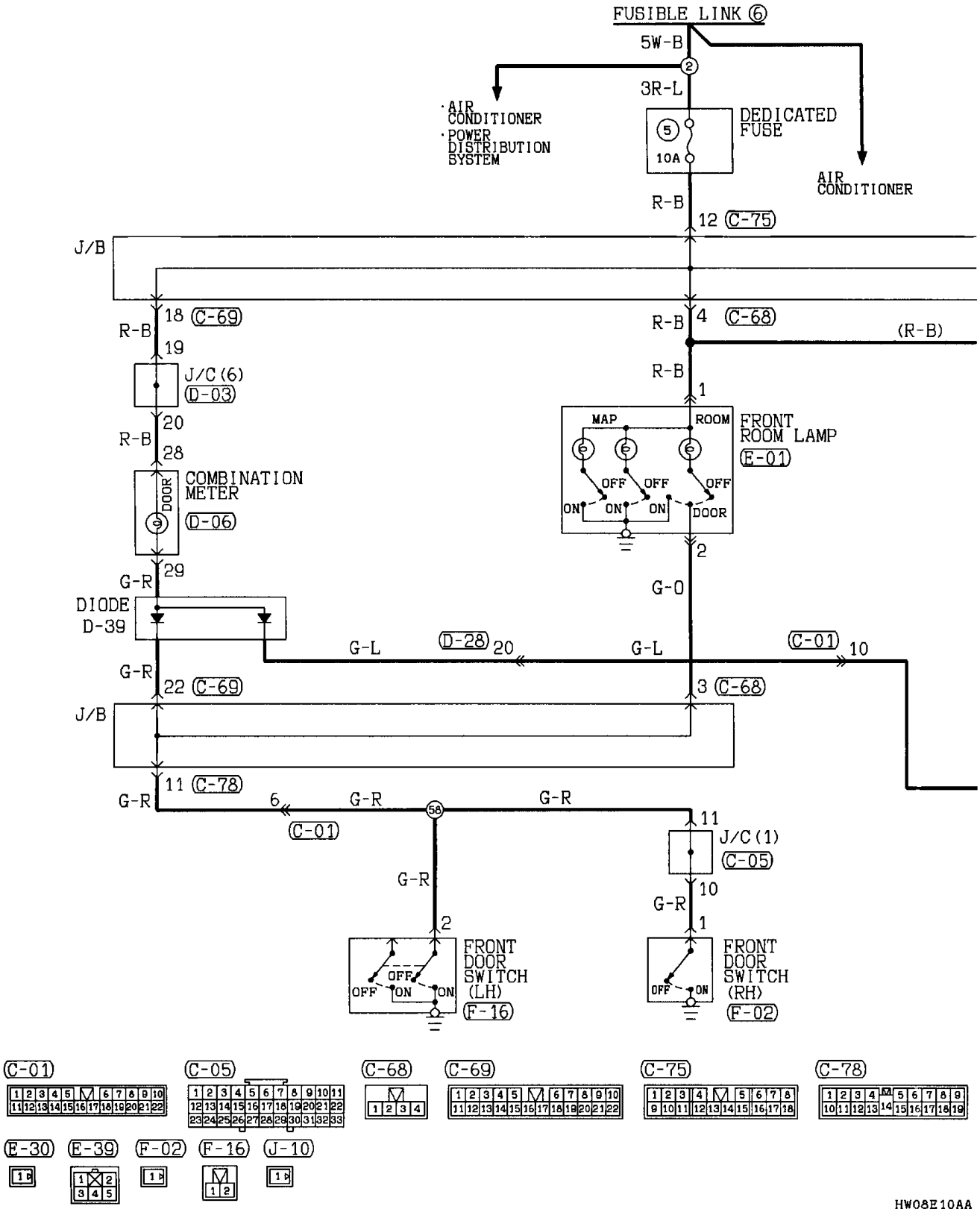
HW08E09AA


7 C-78
R-L
(R-B)
1
REAR ROOM LAMP
E-09
SPOT
ROOM
OFF
ON
DOOR
2
(G-O)
CARGO ROOM LAMP
E-19
(G-B)
DOOR LAMP AND STEP LAMP
G-L
44
G-R
G-B
1 E-26
1 E-28
1 E-15
SLIDE DOOR SWITCH (LH)
E-30
SLIDE DOOR SWITCH (RH)
E-06
<5DOOR>
TAILGATE SWITCH
J-10
D-03
D-06
D-28
E-01
E-06
E-09
E-15
E-19
E-26
Wire colour code
B :Black LG:Light green G :Green L :Blue W :White Y :Yellow SB:Sky blue
BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

HW08E09AB

ROOM LAMP

L.H. drive vehicles with crystal literoof



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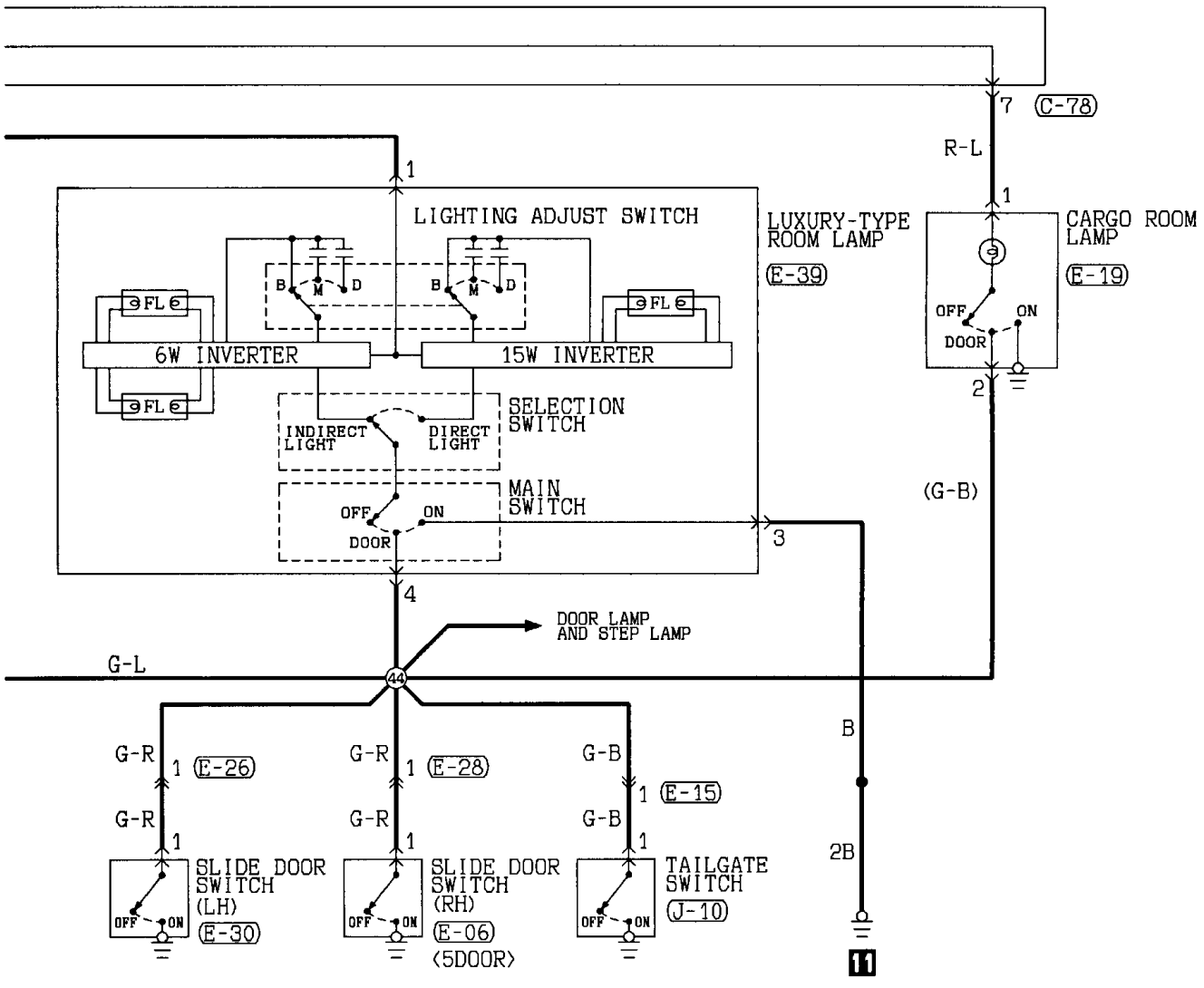
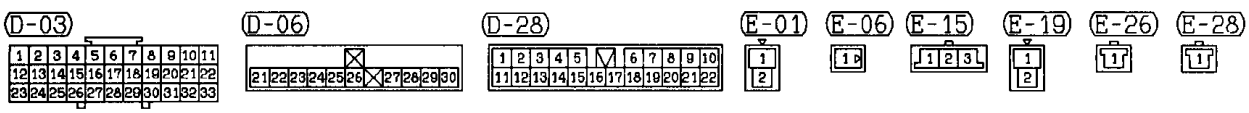




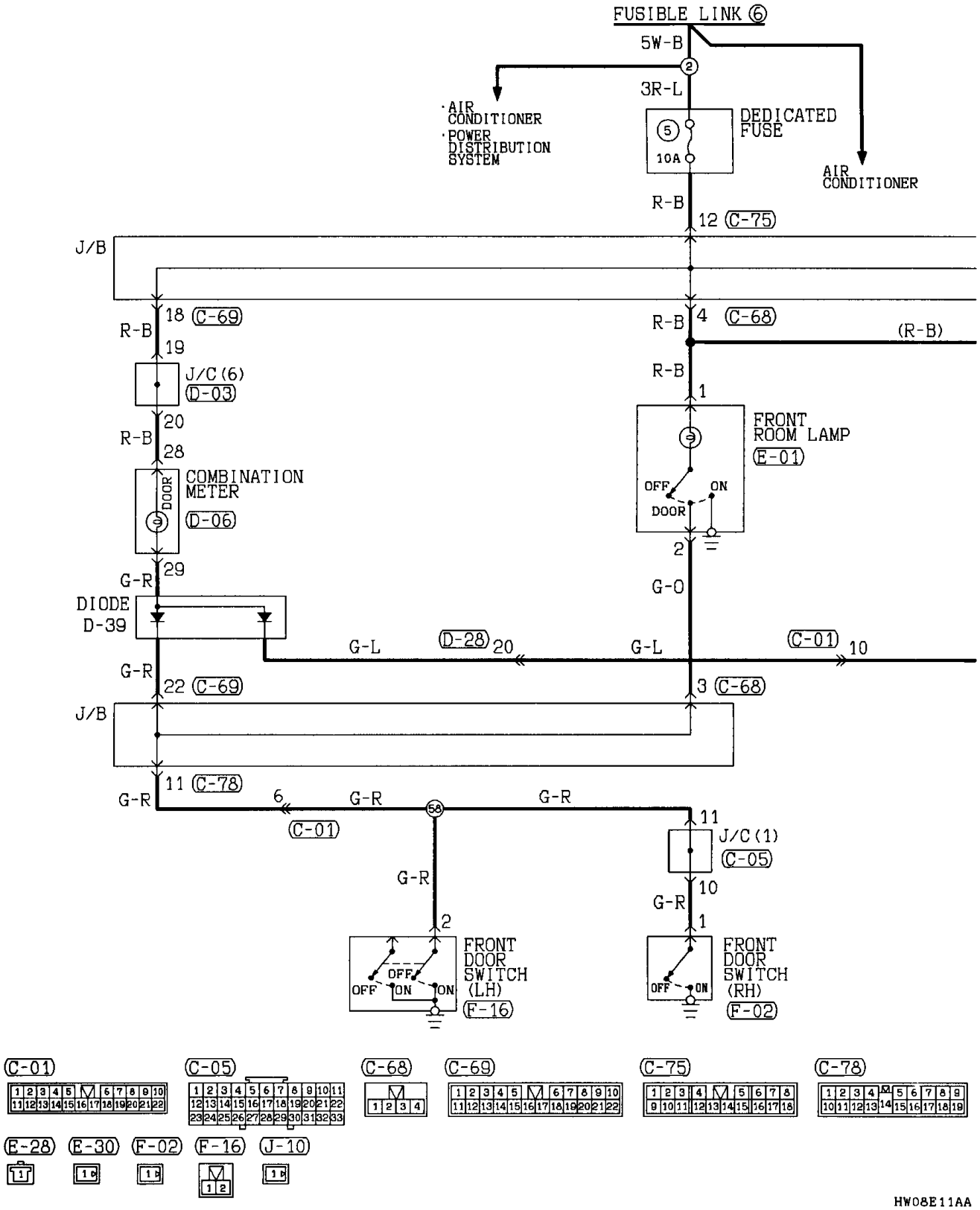
Wire colour code

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

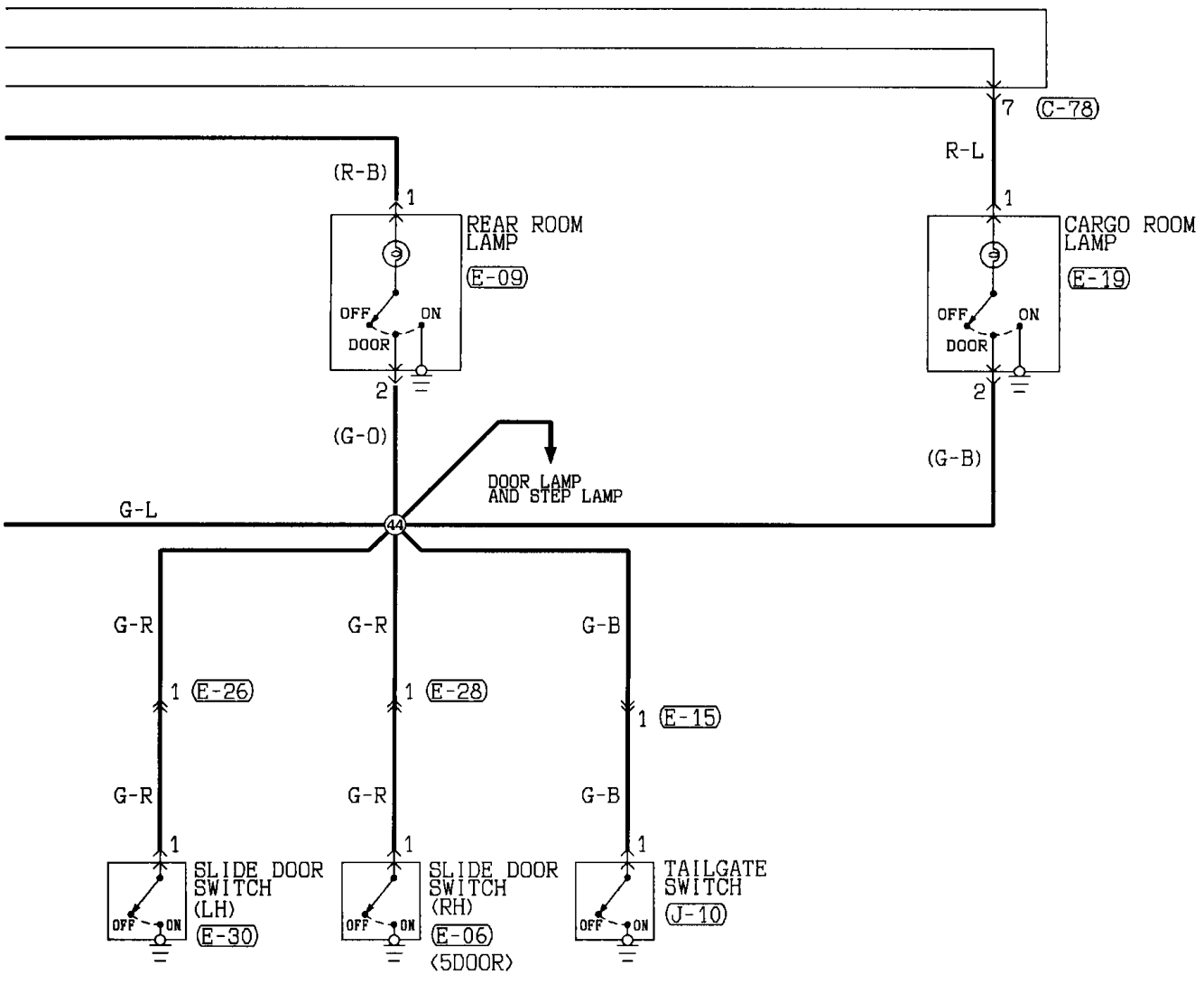
HW08E10AB

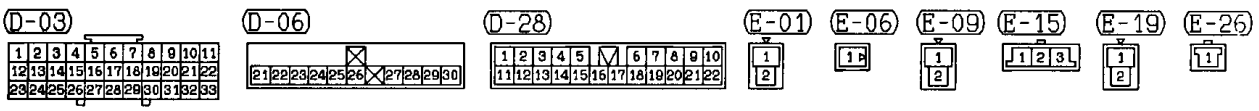
ROOM LAMP

L.H. drive vehicles without sunroof



HW08E11AA



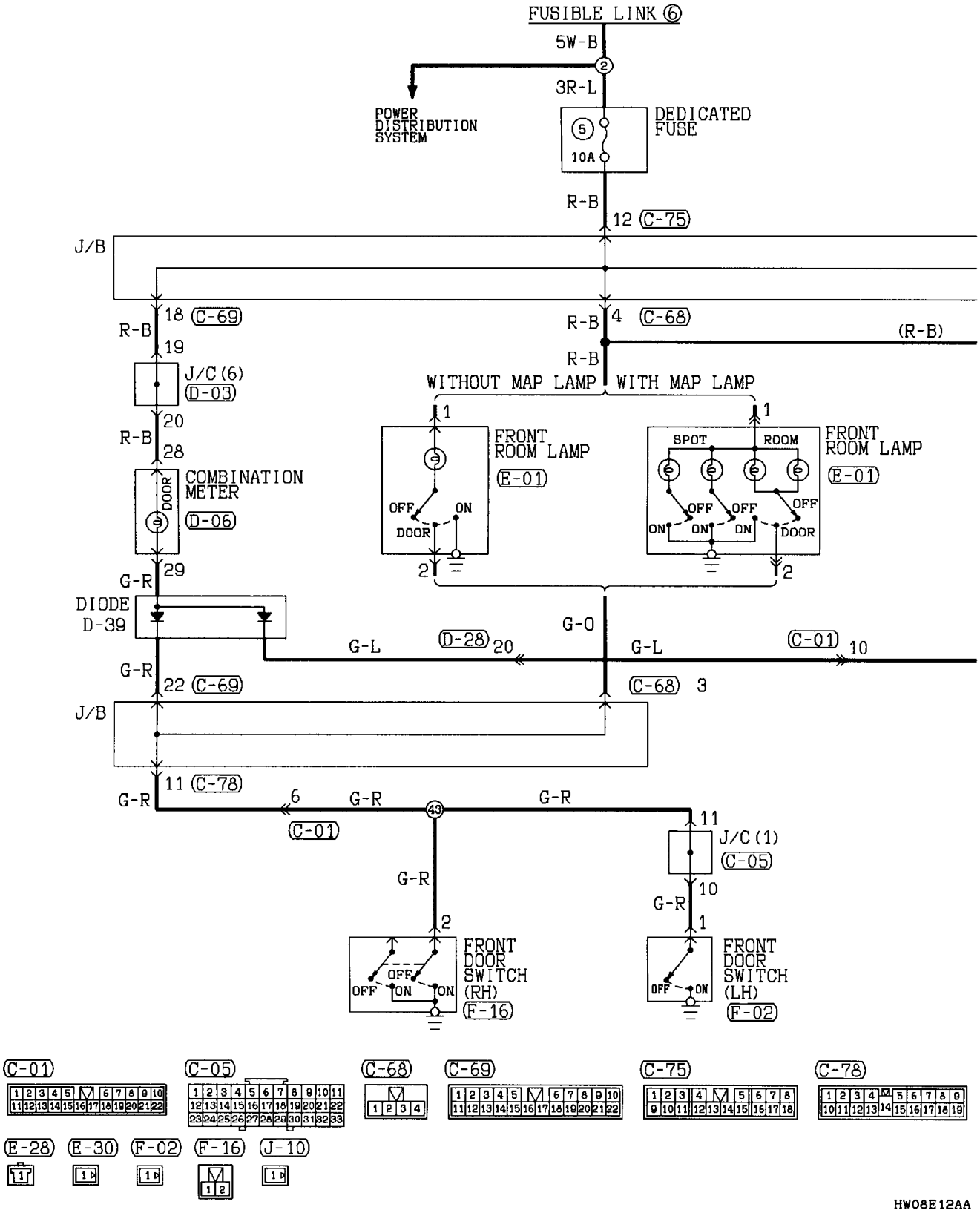


Wire colour code
B :Black LG:Light green G :Green L :Blue W :White Y :Yellow SB:Sky blue
BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

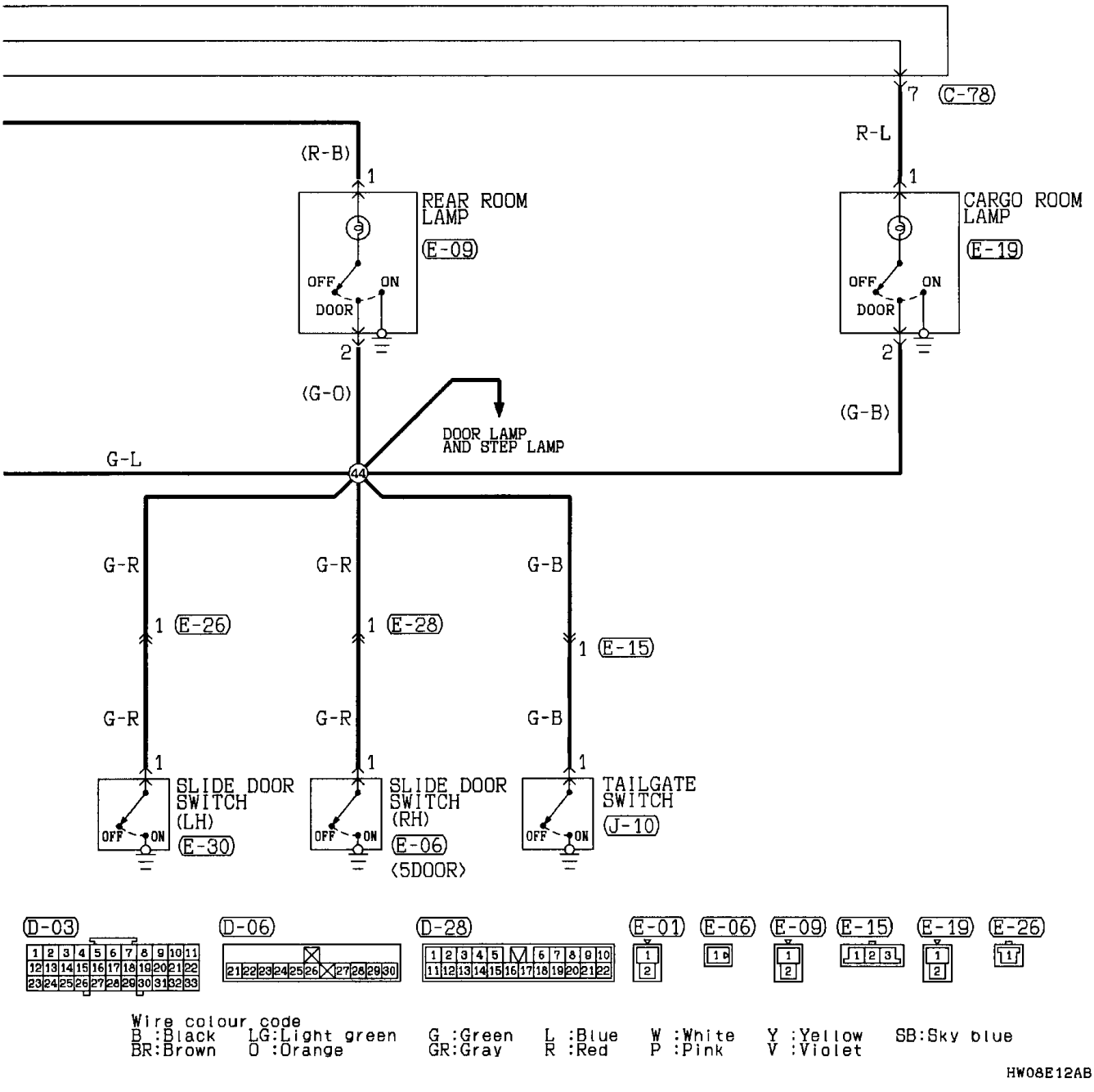
HWC8E11AB

ROOM LAMP

R.H. drive vehicles



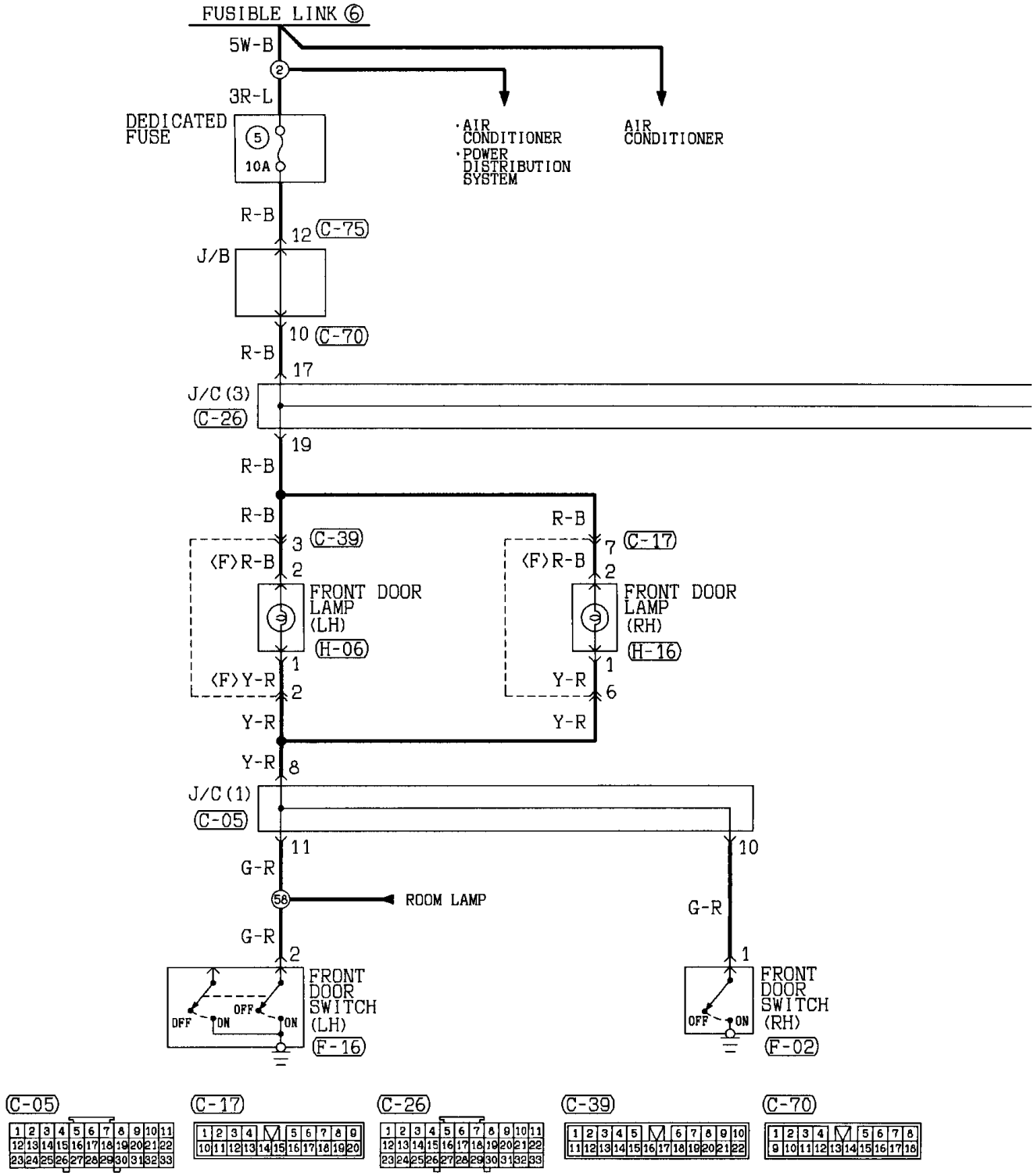
HW08E12AA



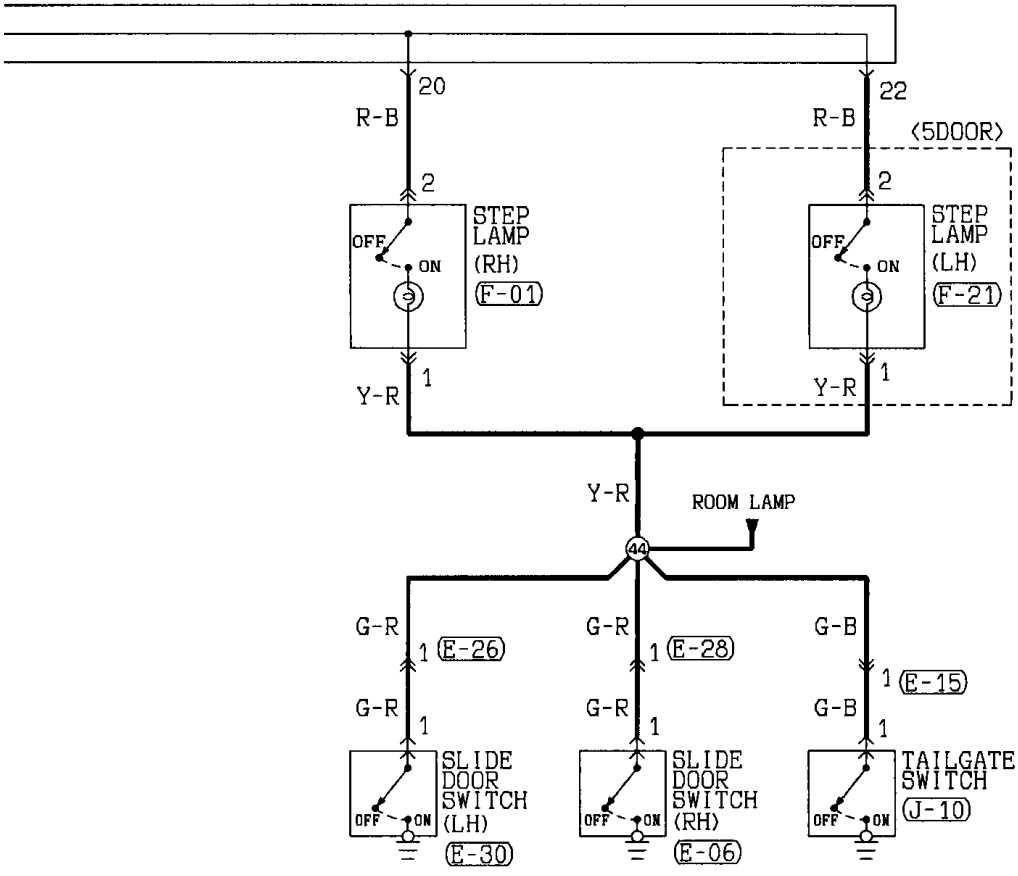
Wire colour code
B :Black LG:Light green G :Green L :Blue W :White Y :Yellow SB:Sky blue
BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

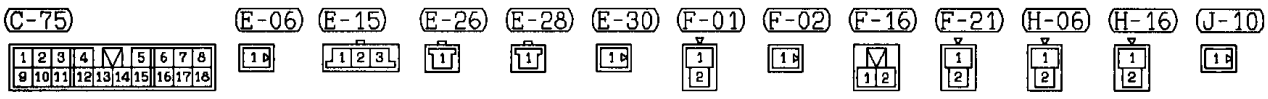
HW08E12AB

DOOR LAMP AND STEP LAMP



HW08E13AA

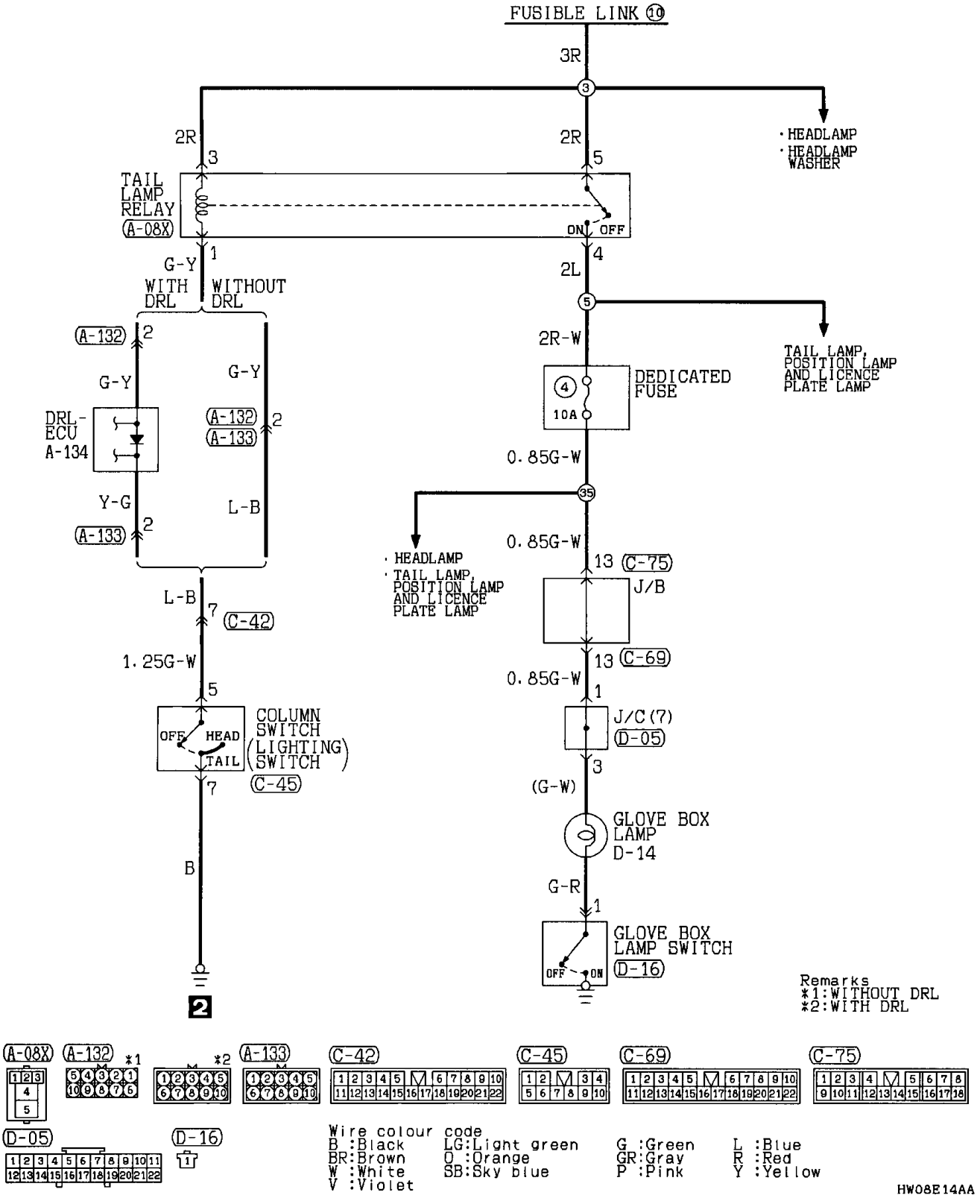




Wire colour code
B :Black LG:Light green G :Green L :Blue W :White Y :Yellow SB:Sky blue
BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

HW08E13AB

GLOVE BOX LAMP



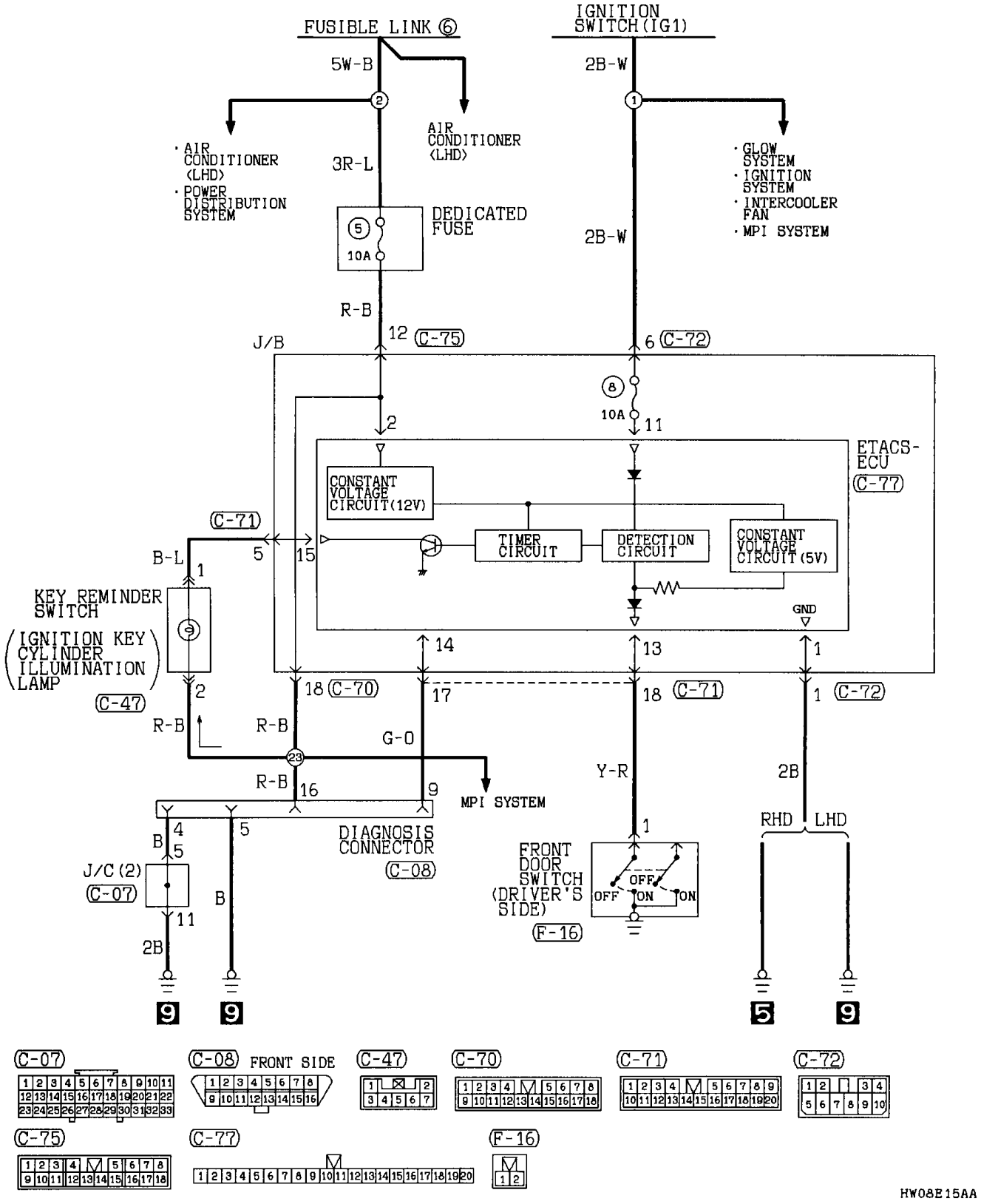
Wire colour code

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			

HW08E14AA

IGNITION KEY CYLINDER ILLUMINATION LAMP

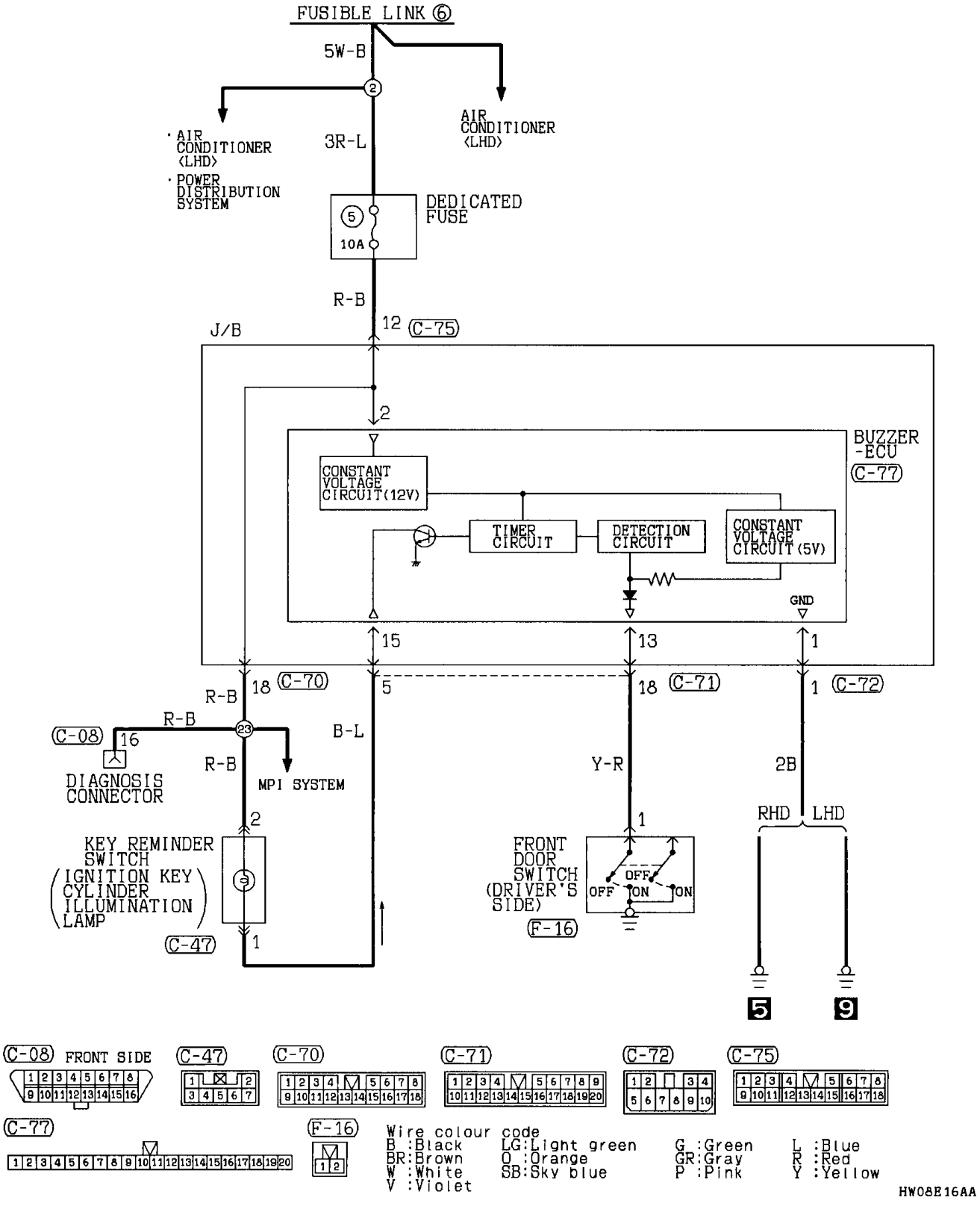
<With ETACS>



HW08E15AA

IGNITION KEY CYLINDER ILLUMINATION LAMP

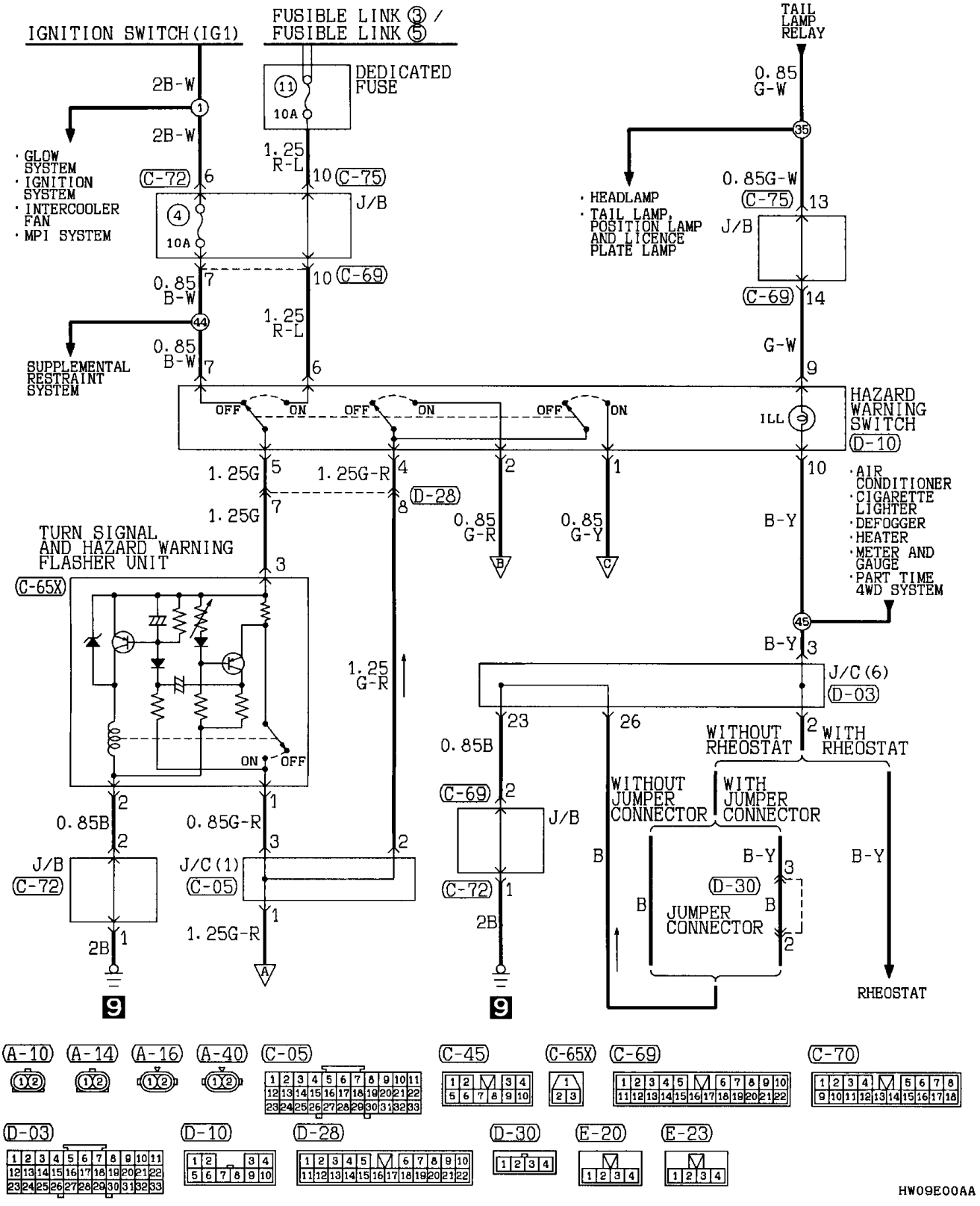
<Without ETACS>

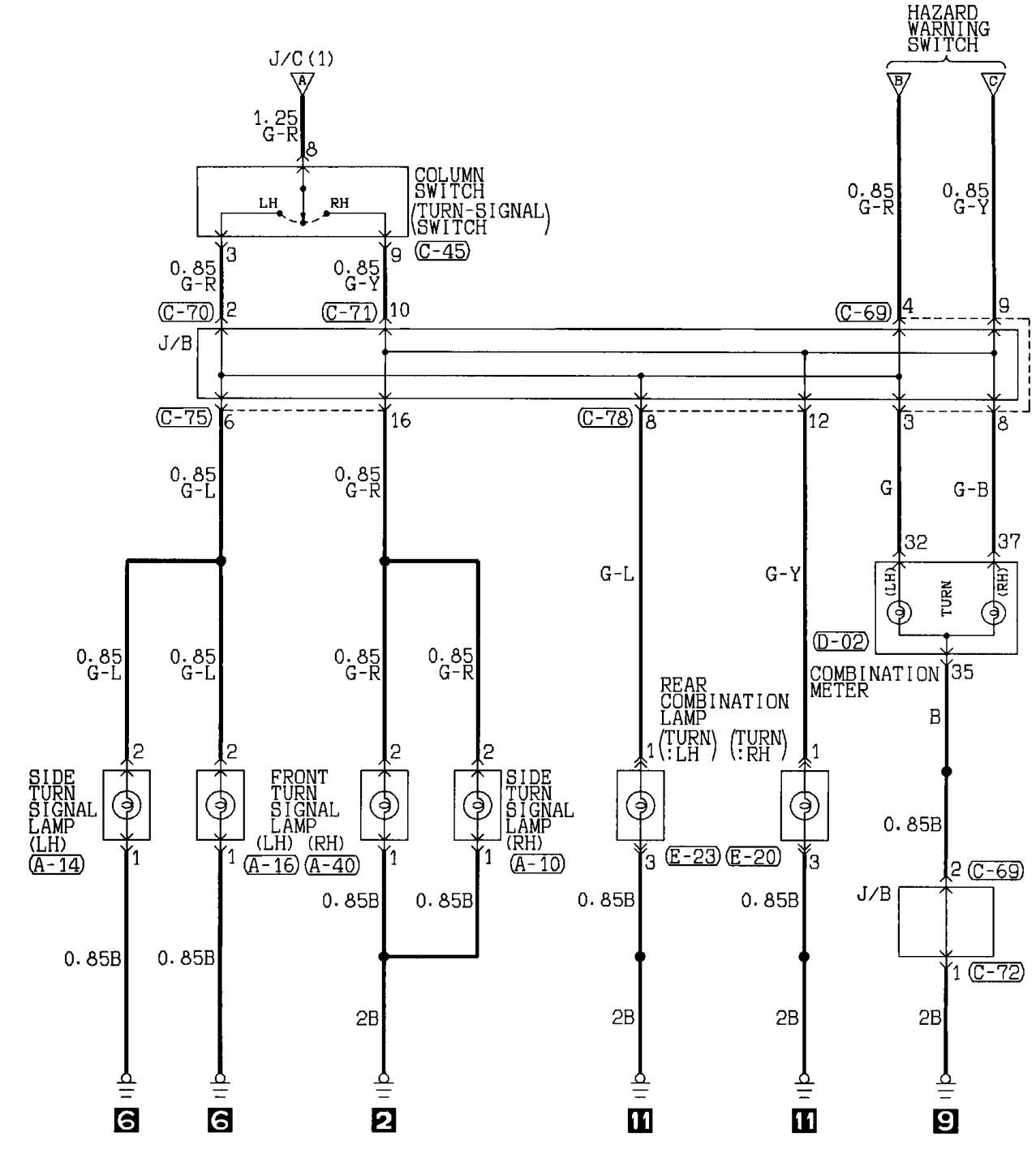


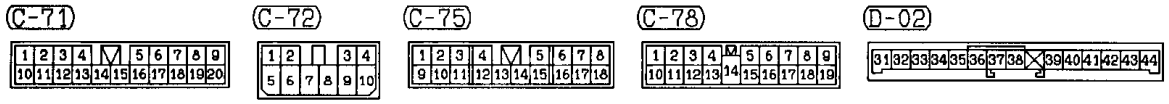
NOTES

TURN-SIGNAL LAMP AND HAZARD WARNING LAMP

L.H. drive vehicles





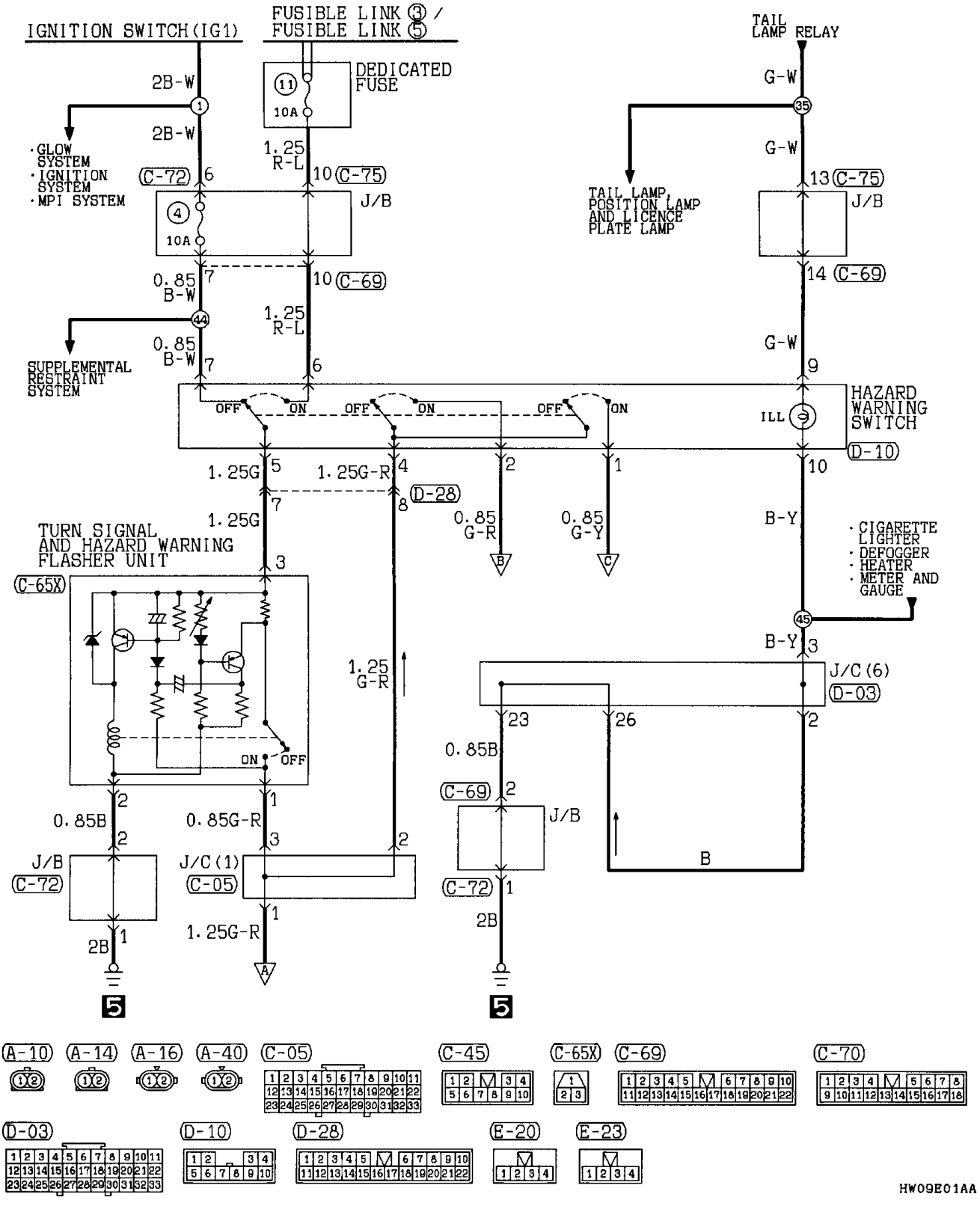


Wire colour code
B :Black LG:Light green G :Green L :Blue W :White Y :Yellow SB:Sky blue
BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

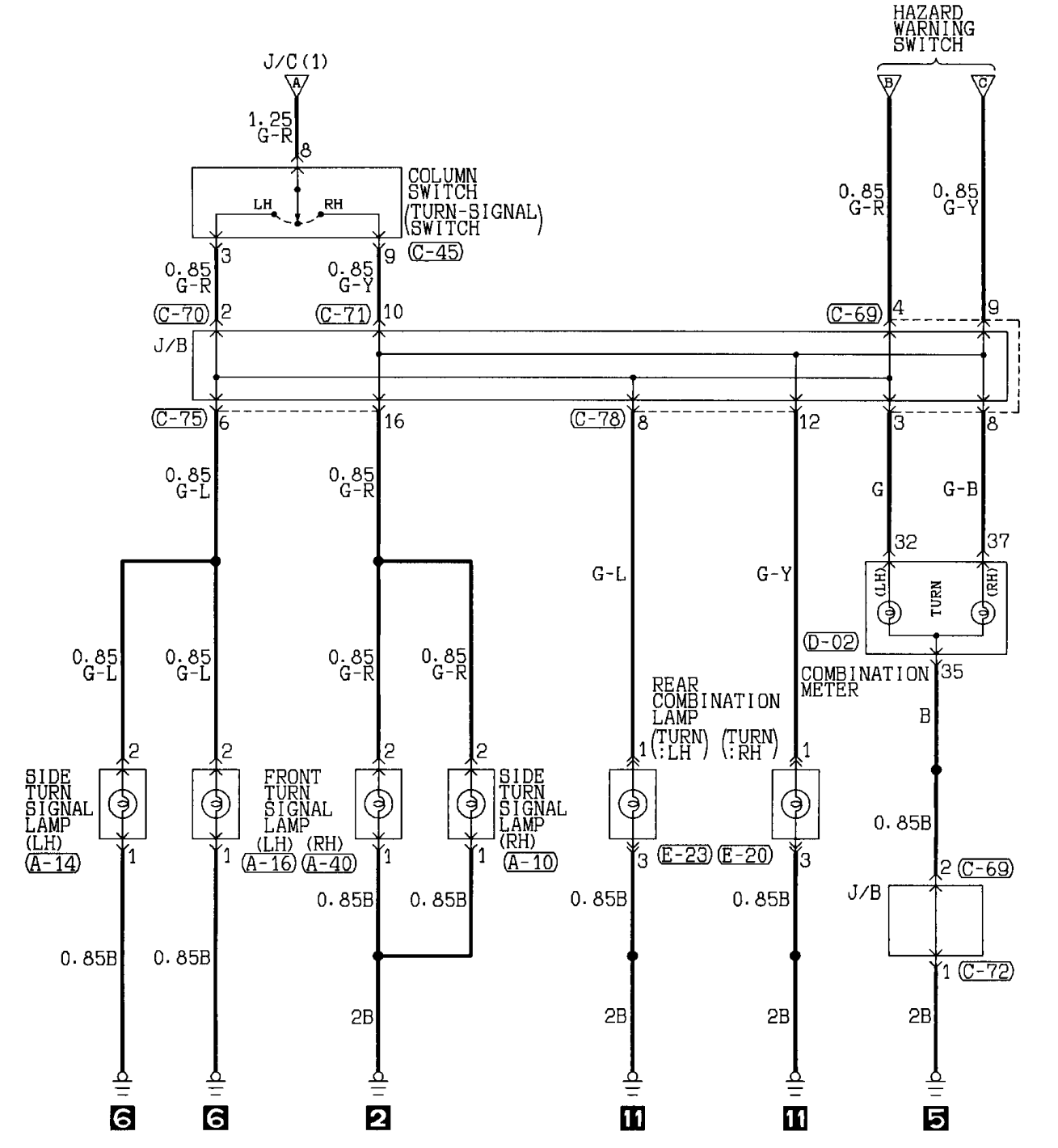
HW09E00AB

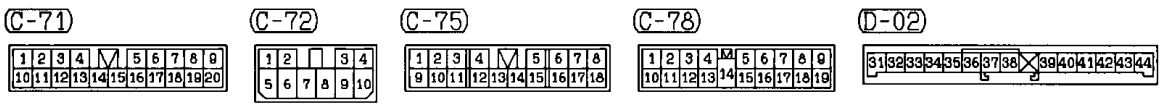
TURN-SIGNAL LAMP AND HAZARD WARNING LAMP

R.H. drive vehicles



HW09E01AA



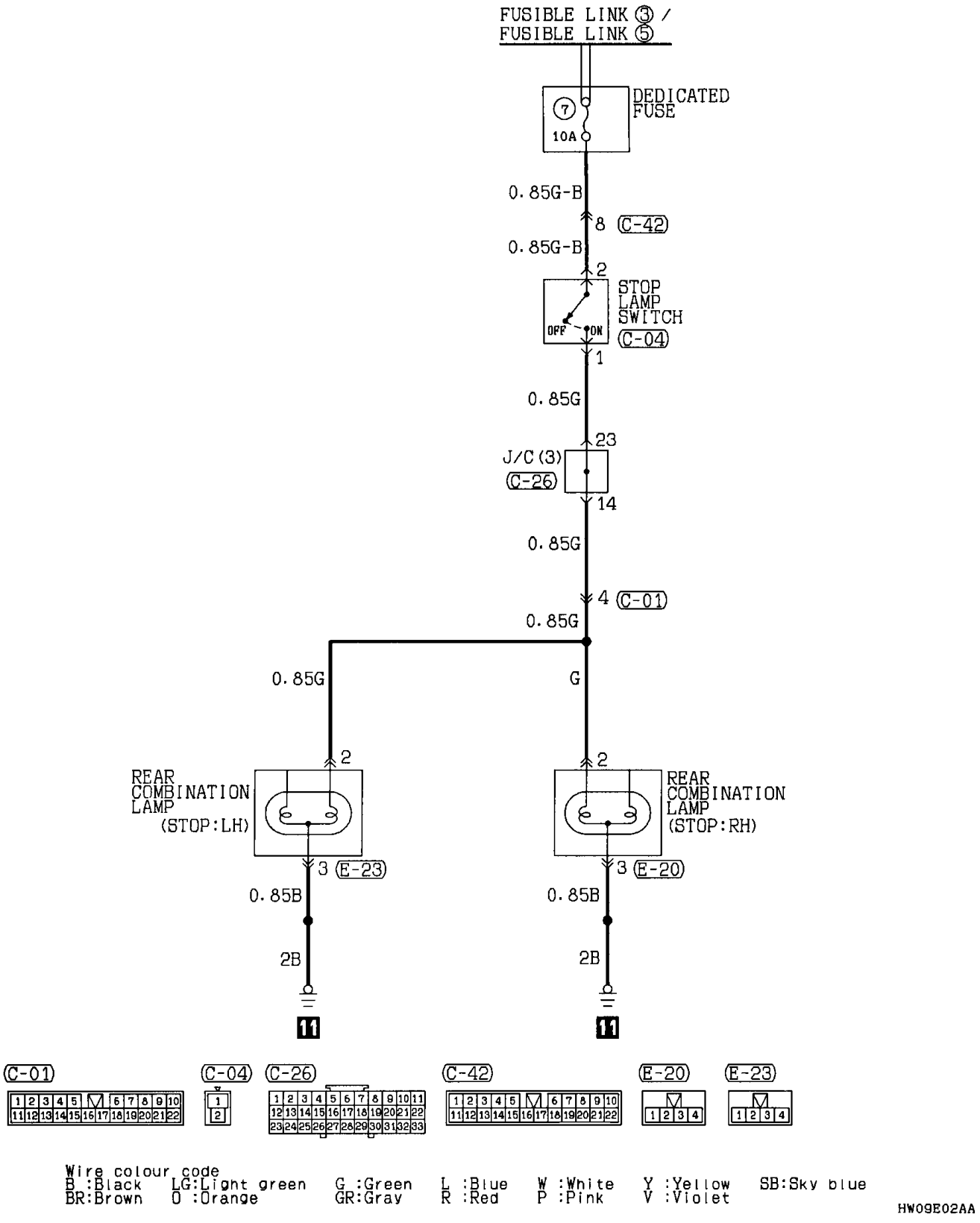


Wire colour code
B :Black LG:Light green G :Green L :Blue W :White Y :Yellow SB:Sky blue
BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

HW09E01AB

STOP LAMP

L.H. drive vehicles

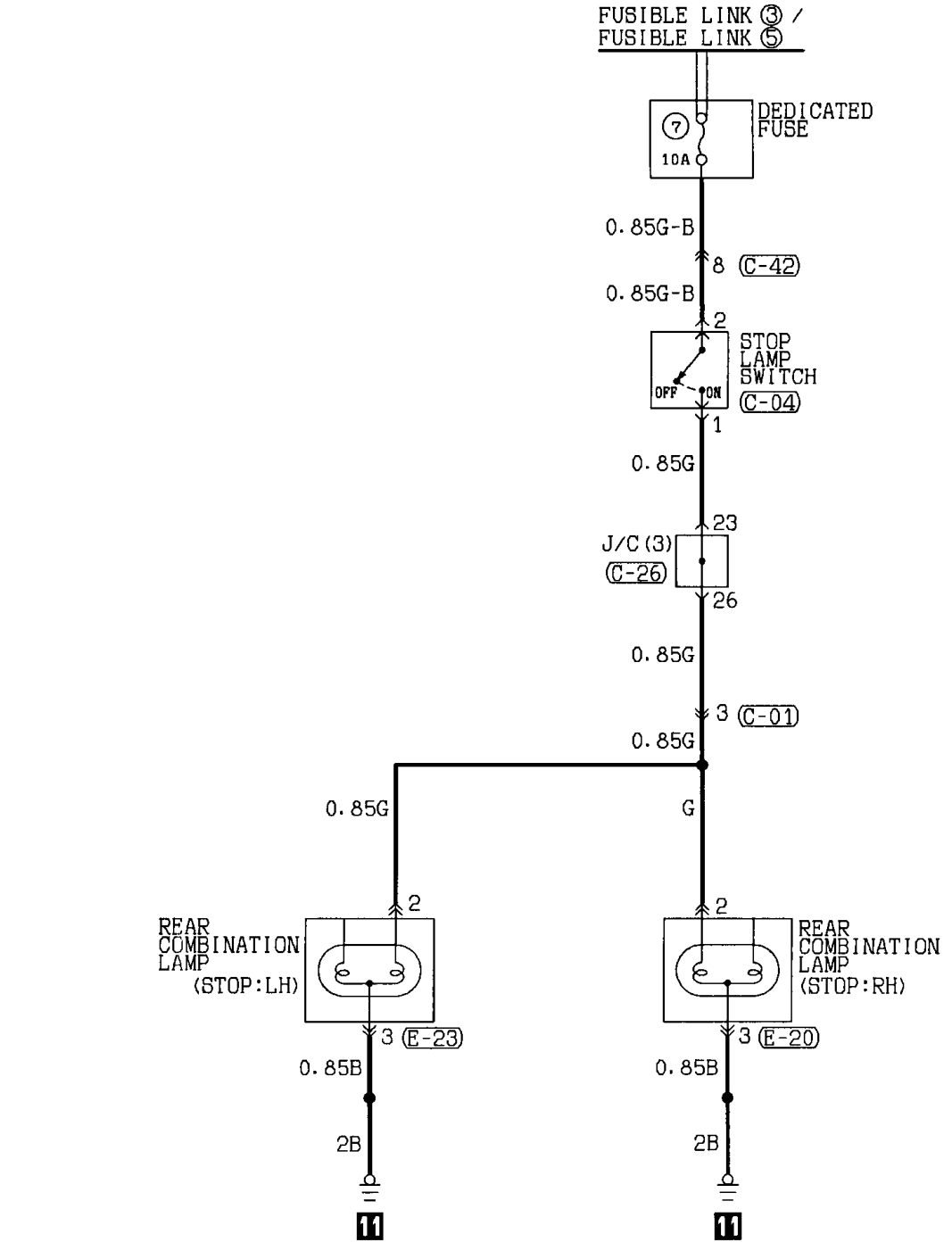


Wire colour code
B :Black LG:Light green G :Green L :Blue W :White Y :Yellow SB:Sky blue
BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

HW09E02AA

STOP LAMP

R.H. drive vehicles



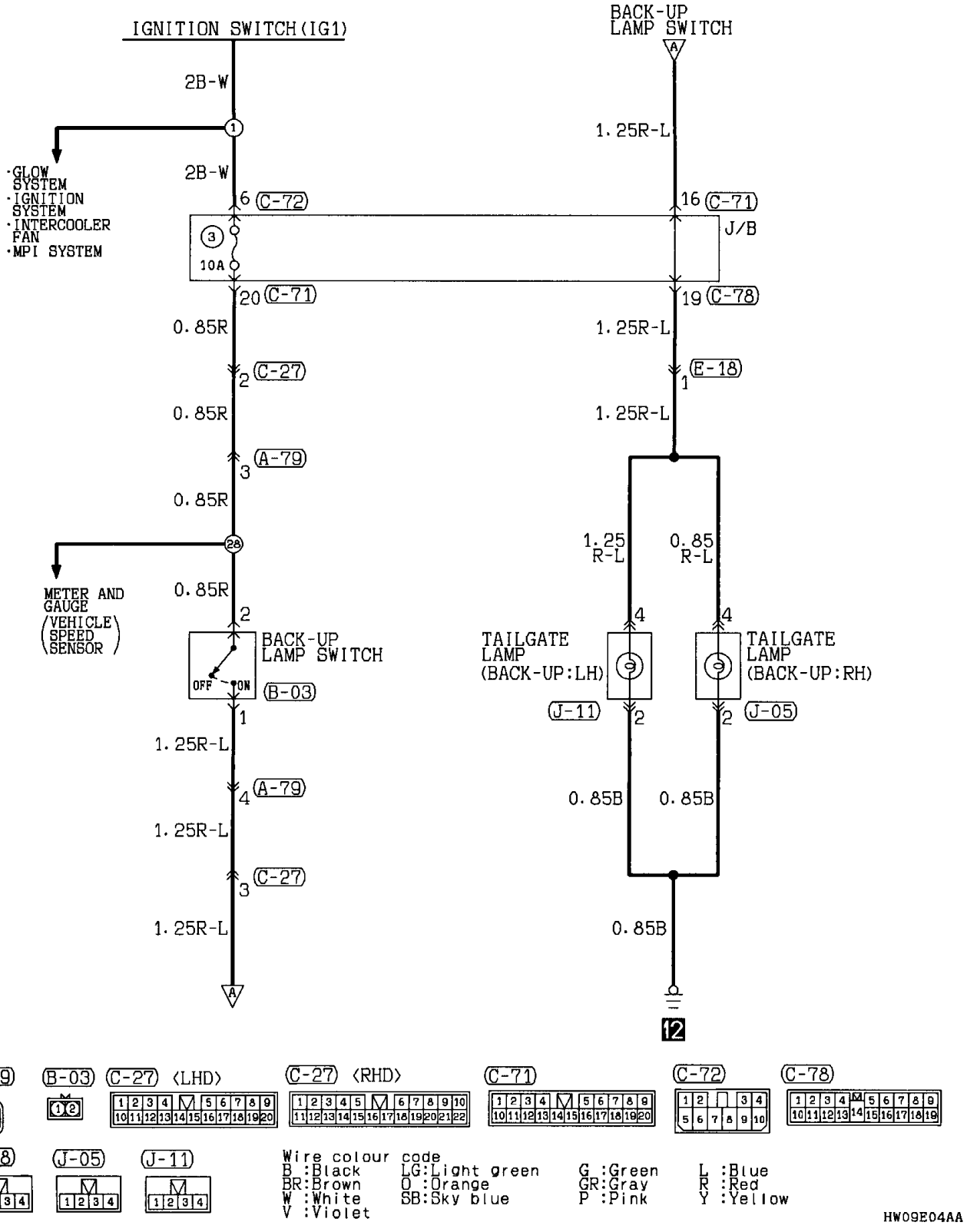
Wire colour code

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		

HW09E03AA

BACK-UP LAMP

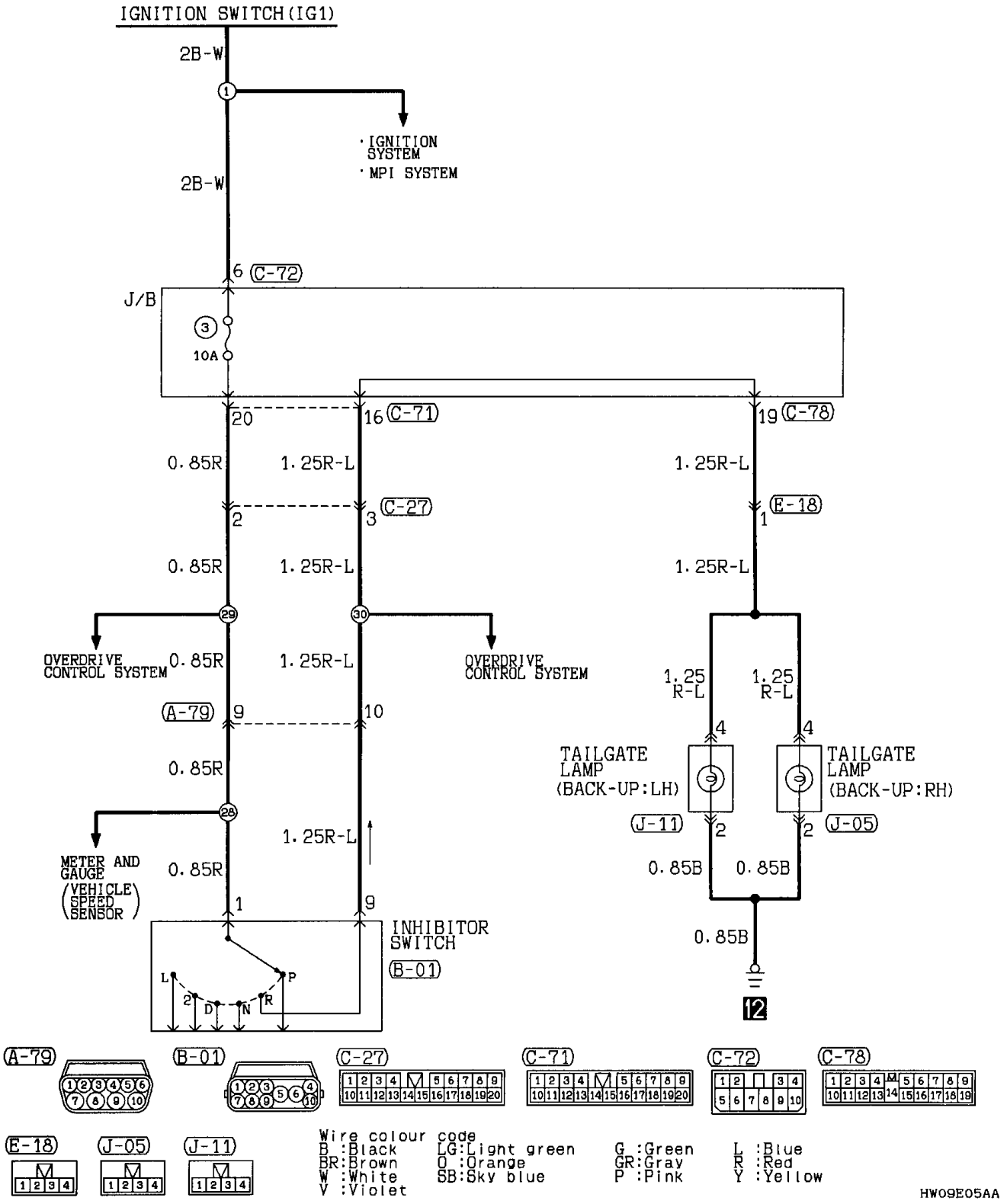
M/T



HW09E04AA

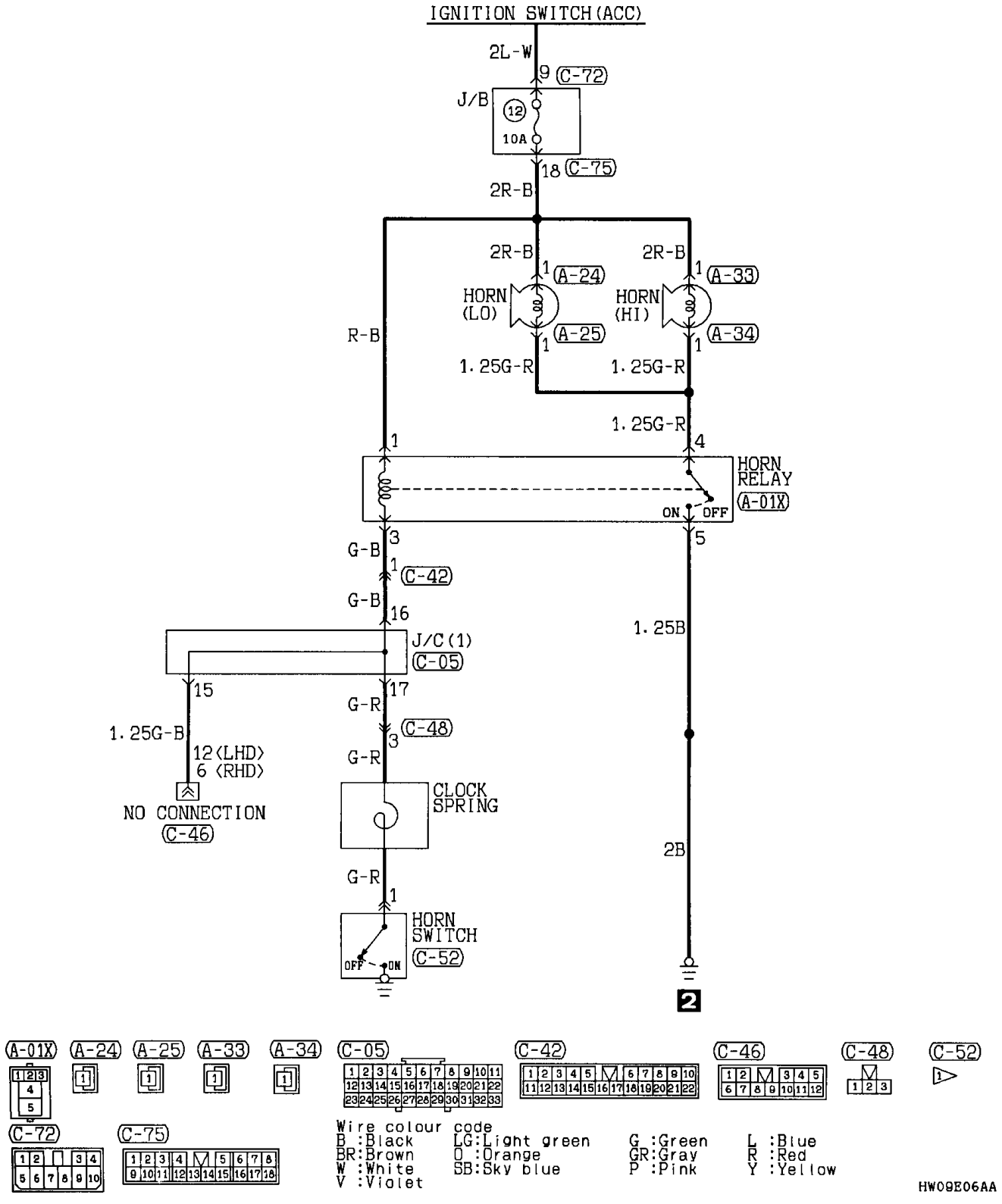
BACK-UP LAMP

A/T



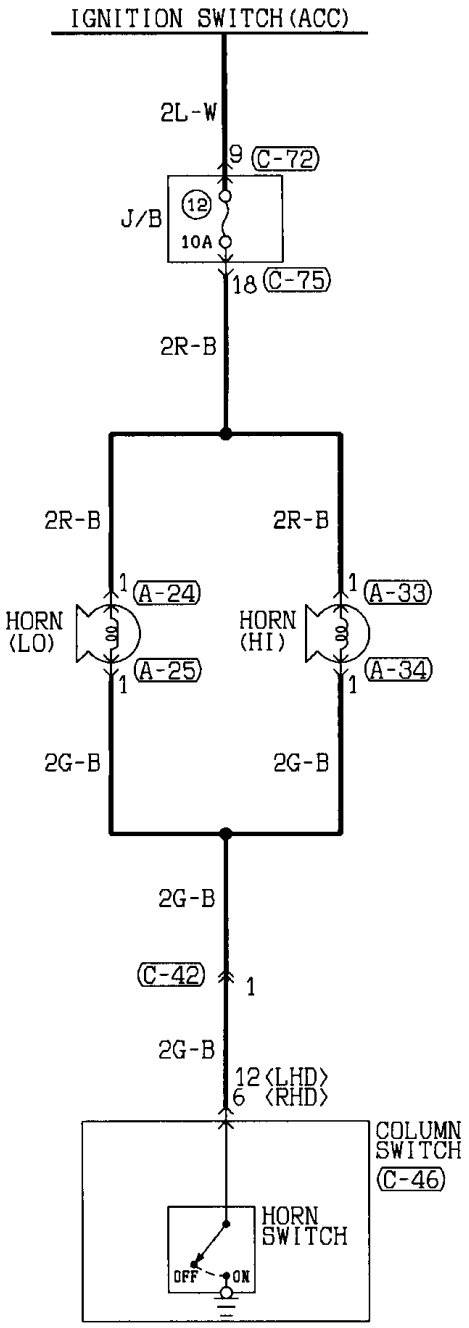
HORN

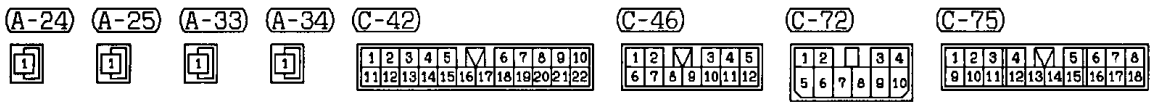
Vehicles with SRS



HORN

Vehicles without SRS



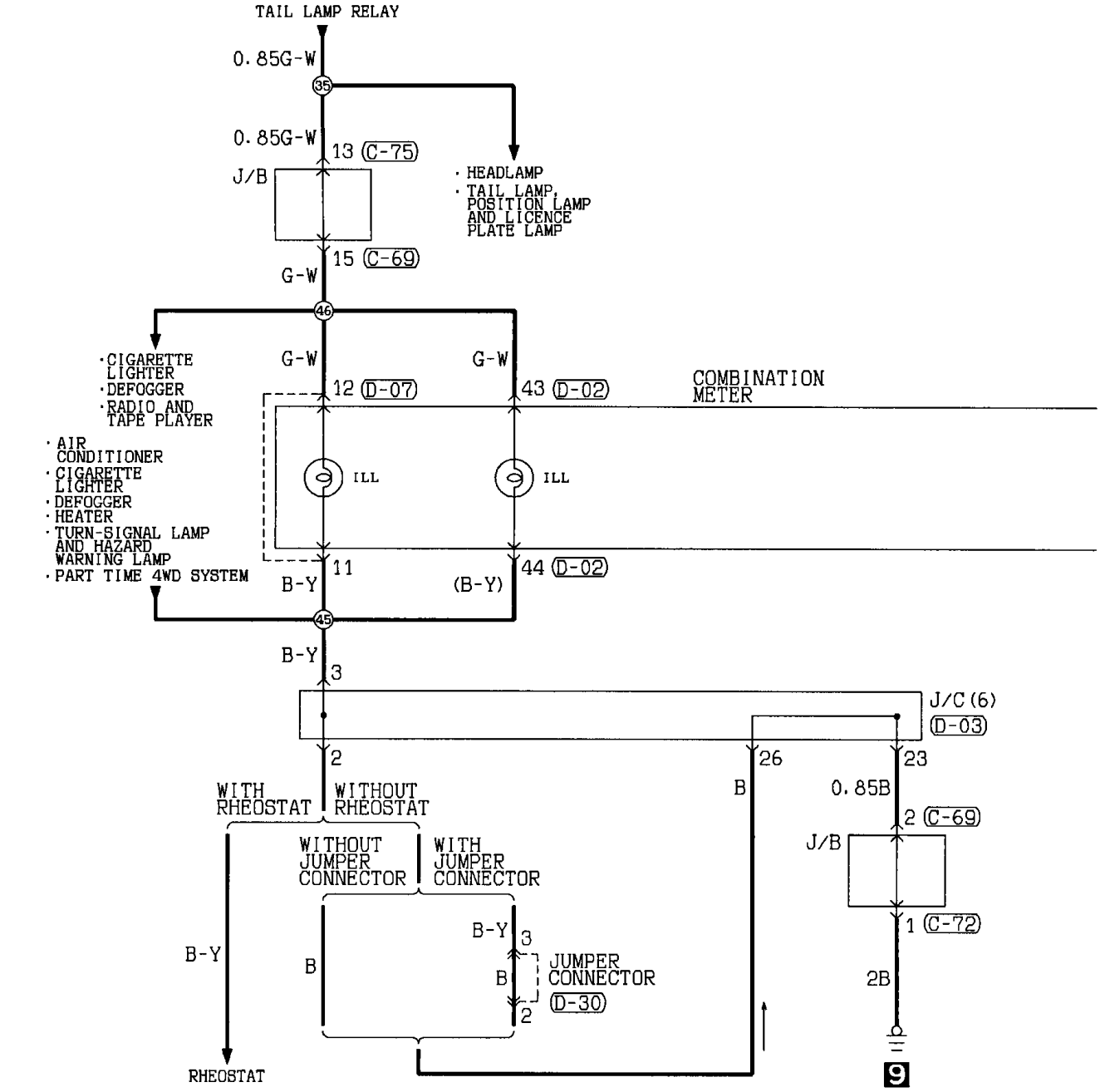


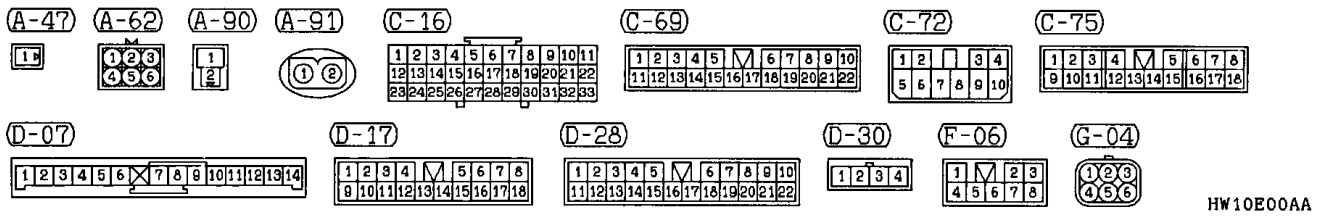
Wire colour code
B :Black LG:Light green G :Green L :Blue W :White Y :Yellow SB:Sky blue
BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

HW09E07AA

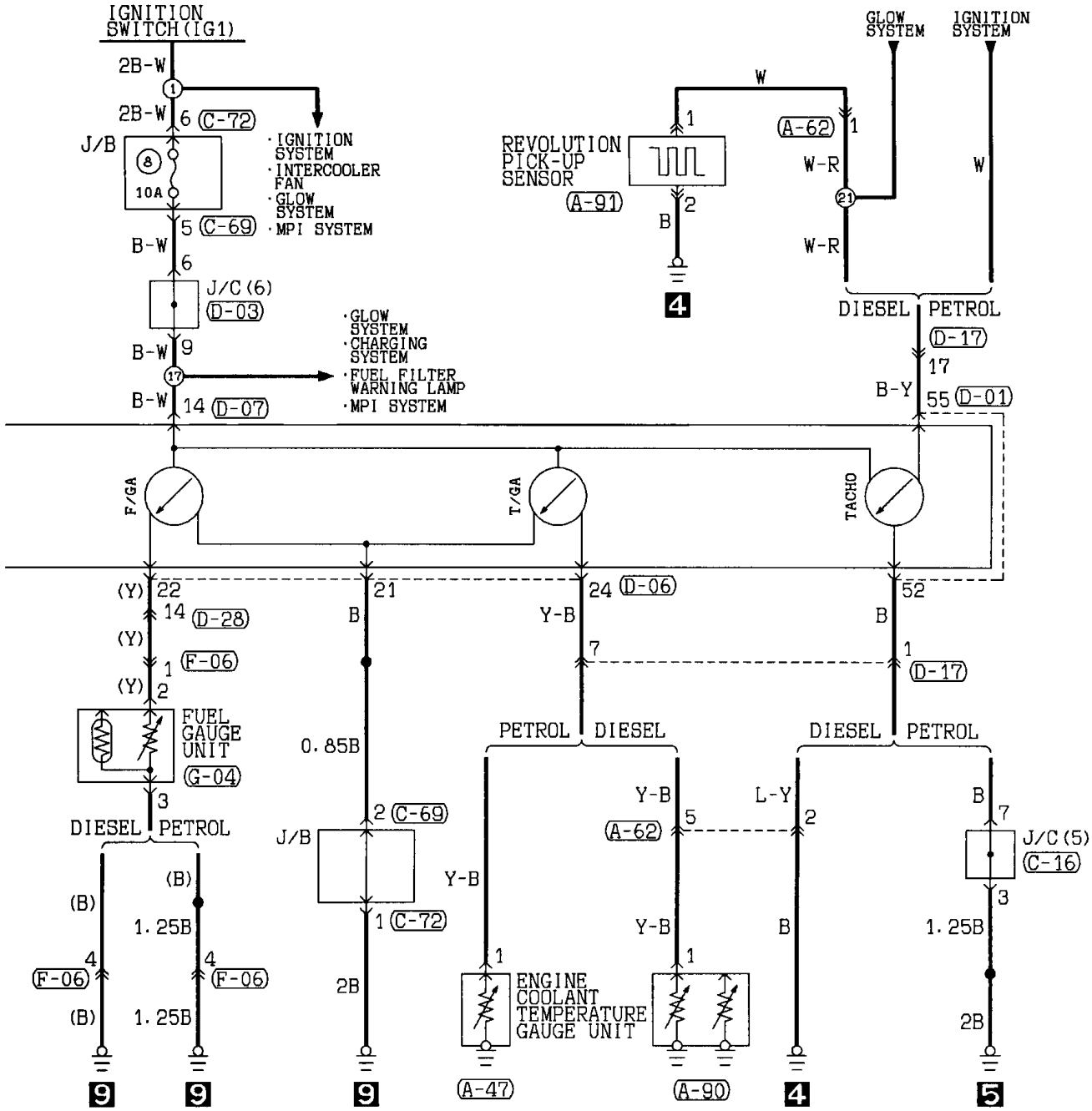
METER AND GAUGE

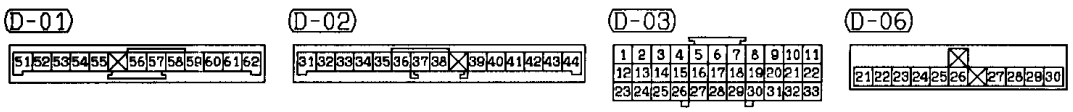
L.H. drive vehicles





HW10E00AA



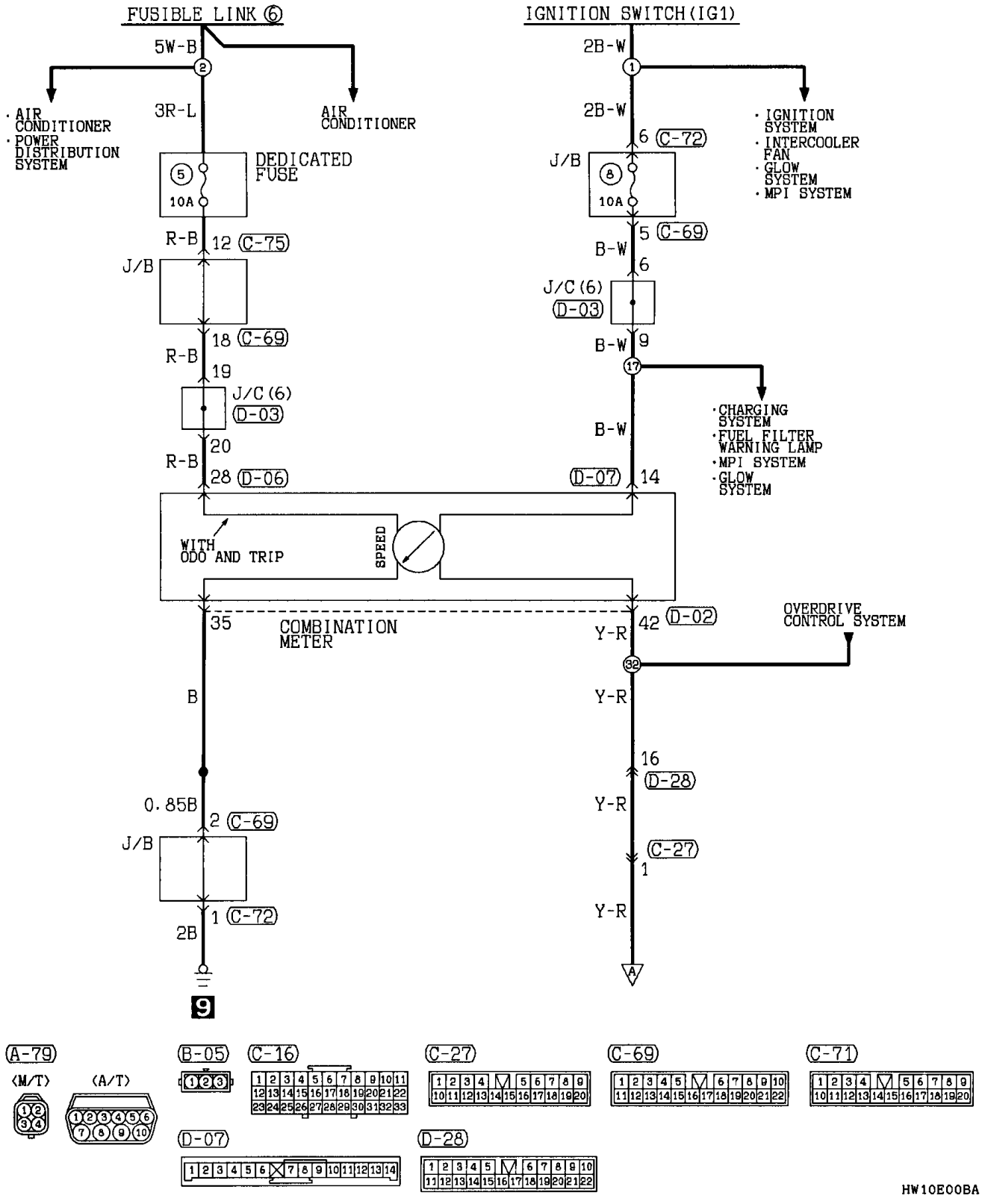


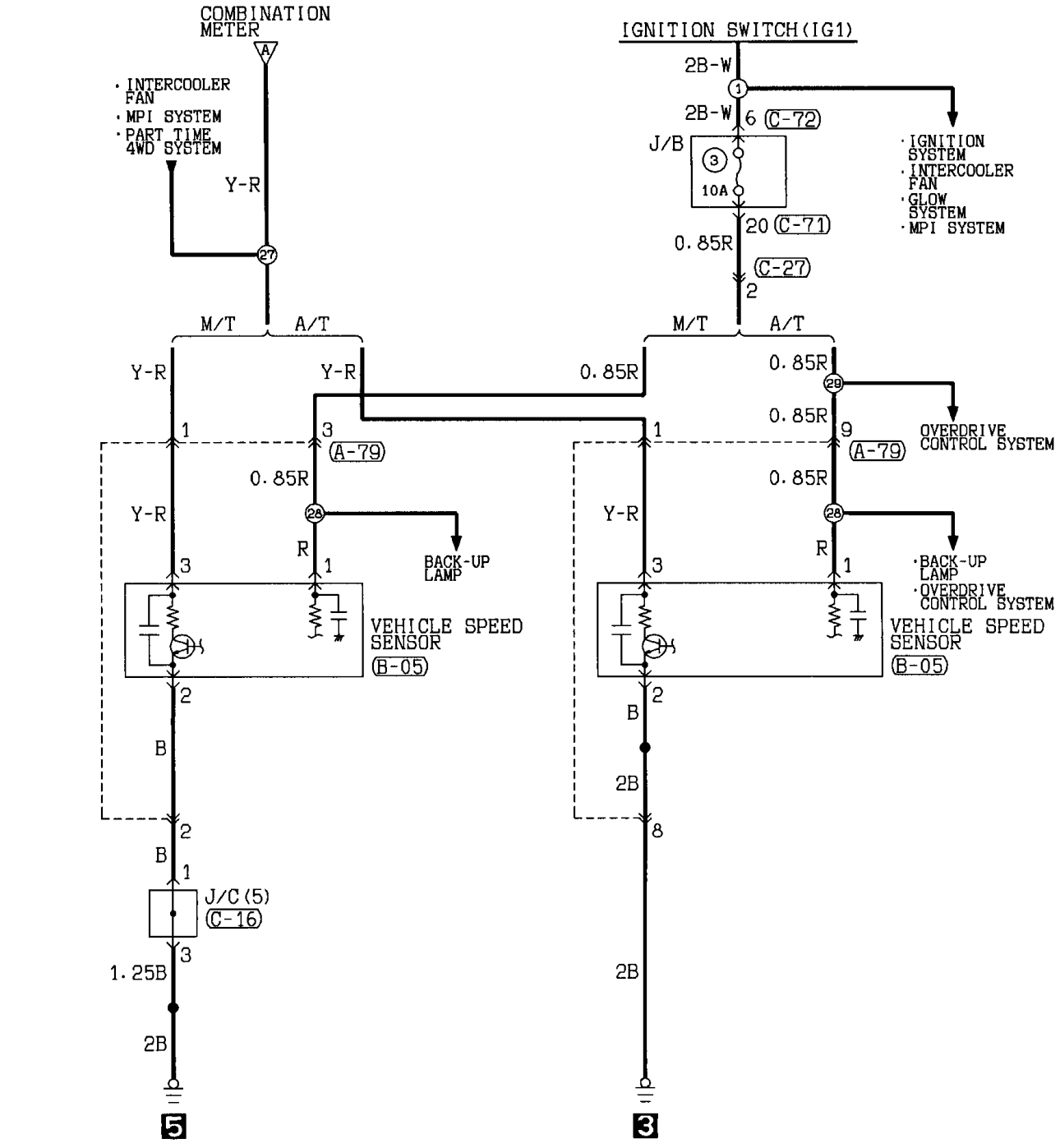
Wire colour code

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		

HW10E00AB

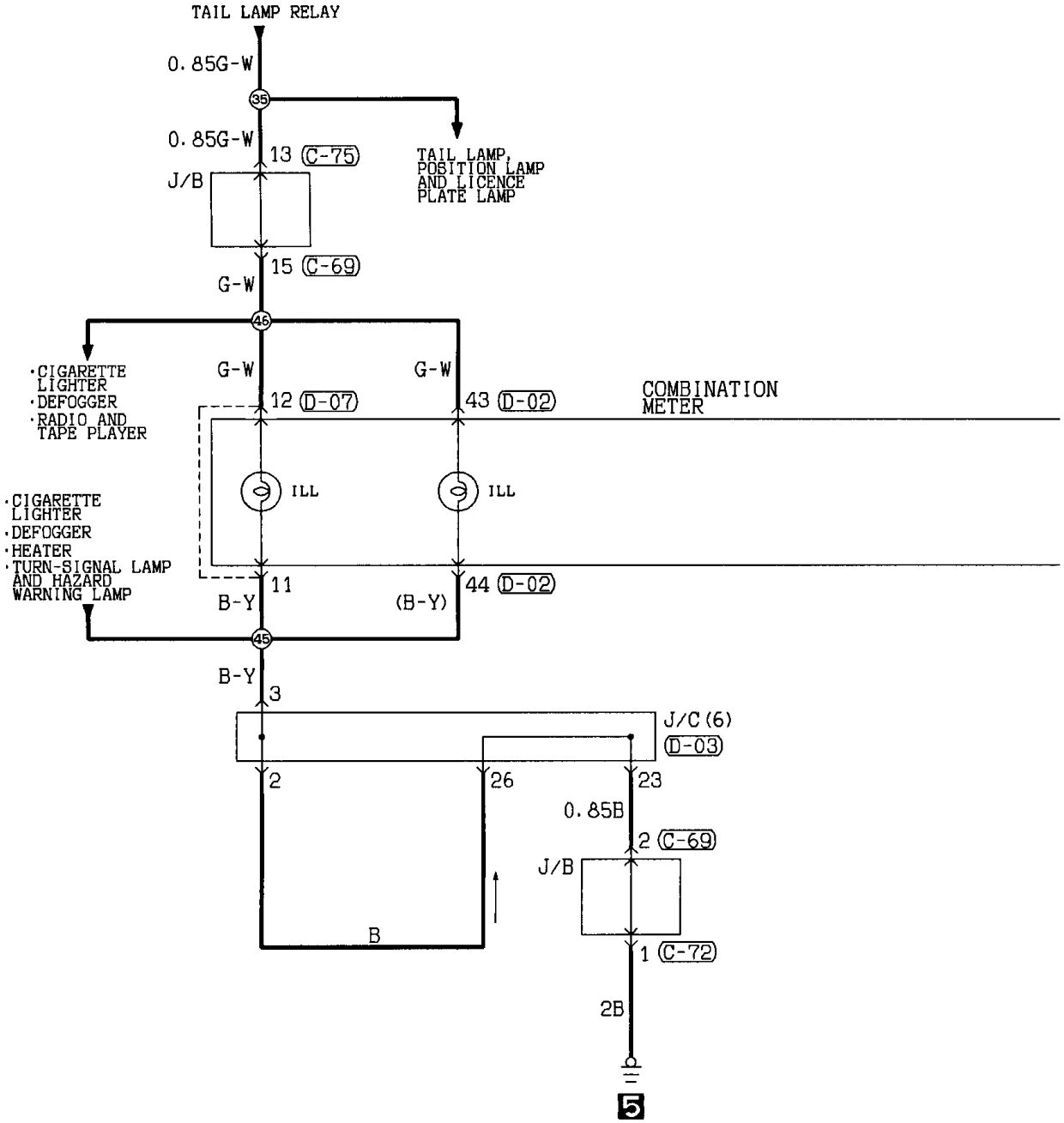
METER AND GAUGE <L.H. drive vehicles> (CONTINUED)

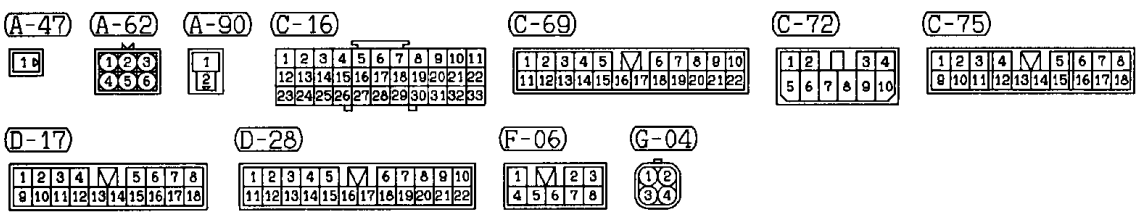



COMBINATION METER
A
· INTERCOOLER FAN
· MPI SYSTEM
· PART TIME 4WD SYSTEM
Y-R
27
IGNITION SWITCH(IG1)
2B-W
1
2B-W
6 C-72
J/B
3
10A
· IGNITION SYSTEM
· INTERCOOLER FAN
· GLOW SYSTEM
· MPI SYSTEM
20 C-71
0.85R
C-27
2
M/T
A/T
Y-R
Y-R
0.85R
0.85R
29
0.85R
9
A-79
OVERDRIVE CONTROL SYSTEM
1
3
A-79
0.85R
Y-R
28
R
1
BACK-UP LAMP
3
VEHICLE SPEED SENSOR
B-05
2
B
2
B
1
J/C(5)
C-16
3
1.25B
2B
5
2B
8
2B
3
C-72
C-75
D-02
D-03
D-06
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
HW10E00BB

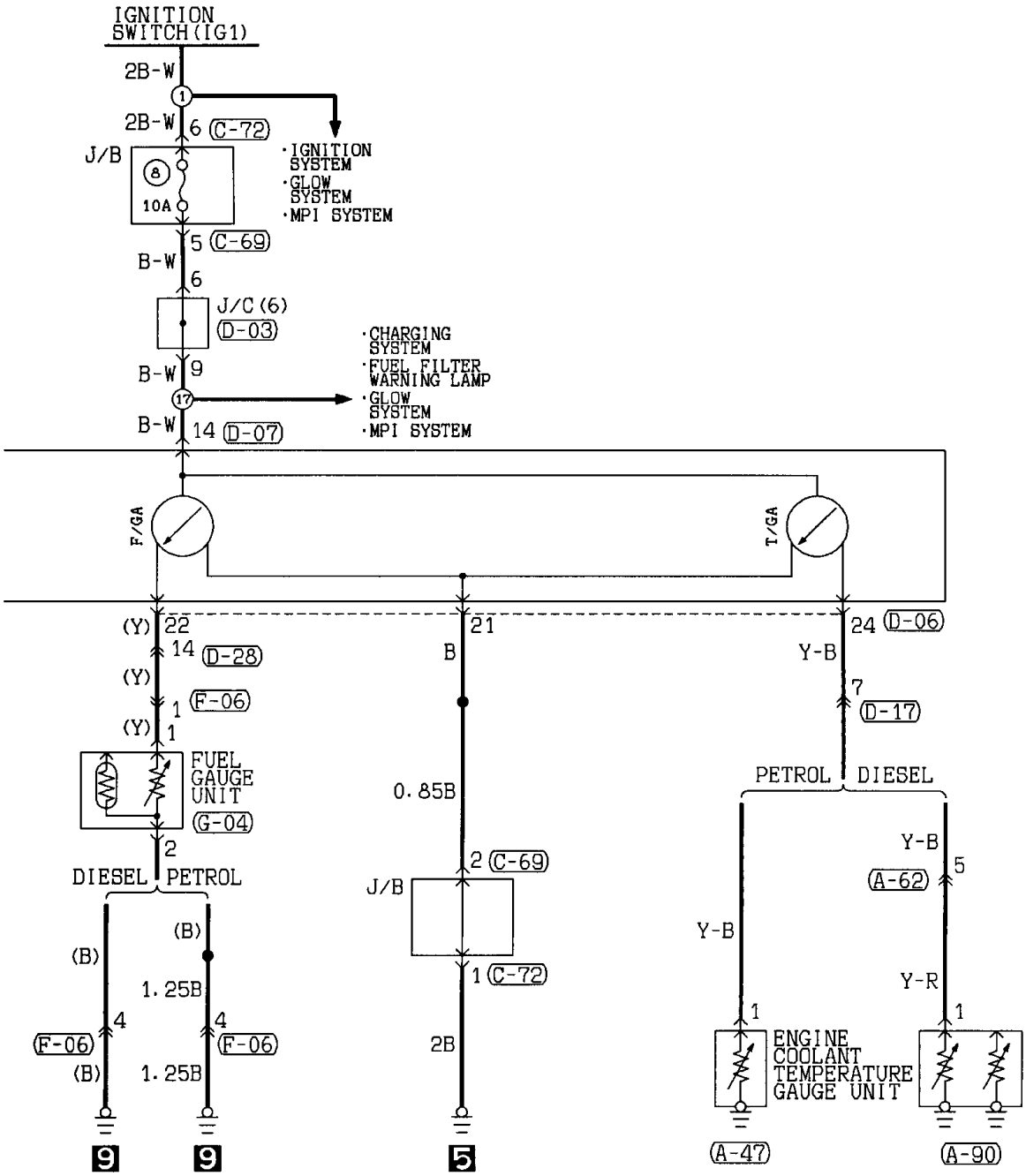
METER AND GAUGE

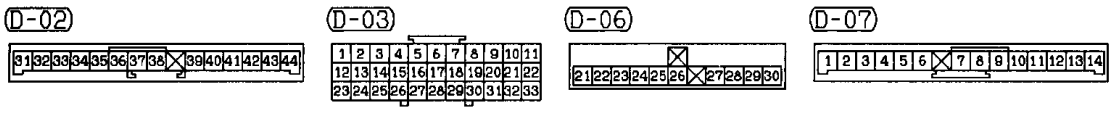
R.H. drive vehicles





HW10E01AA



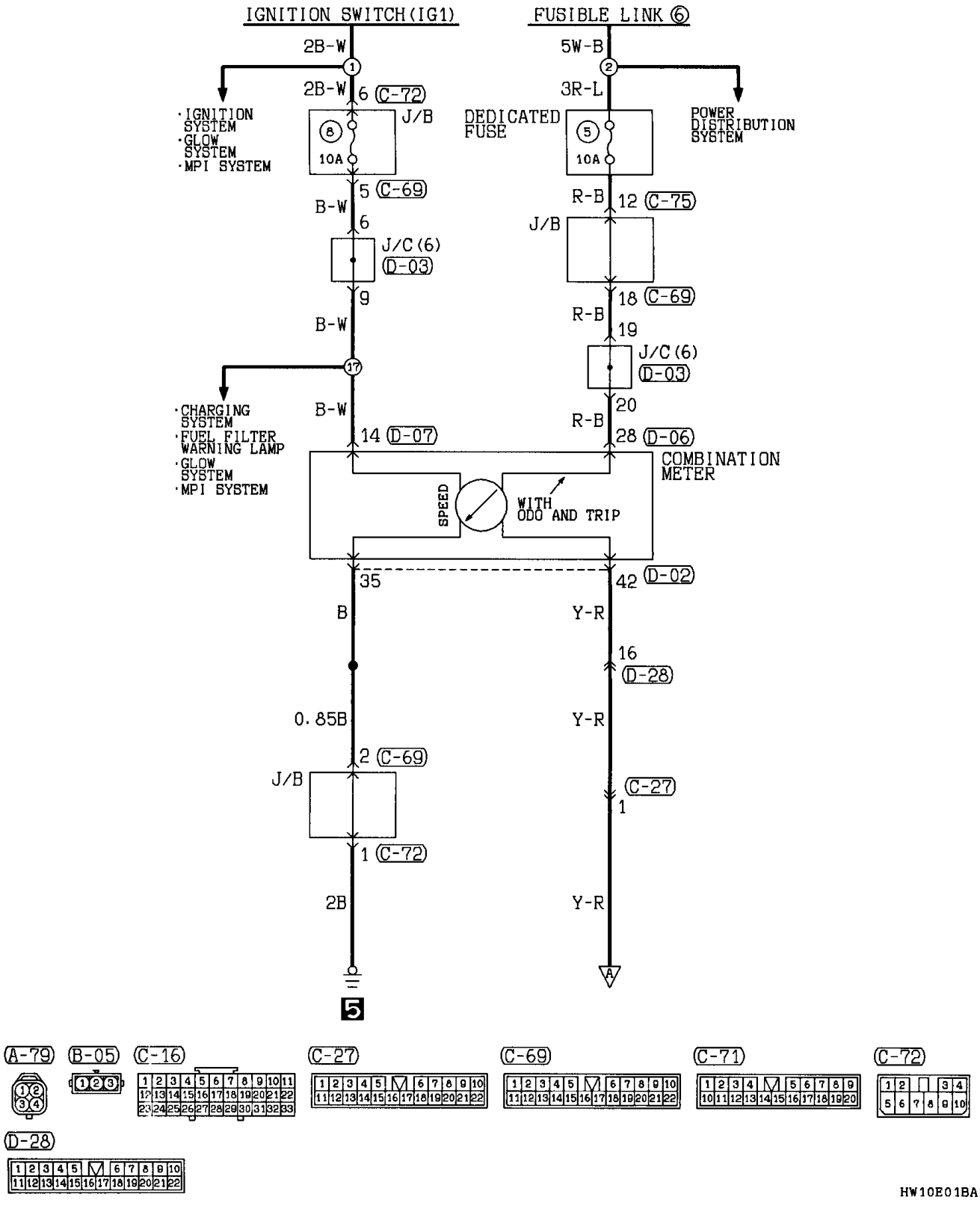


Wire colour code

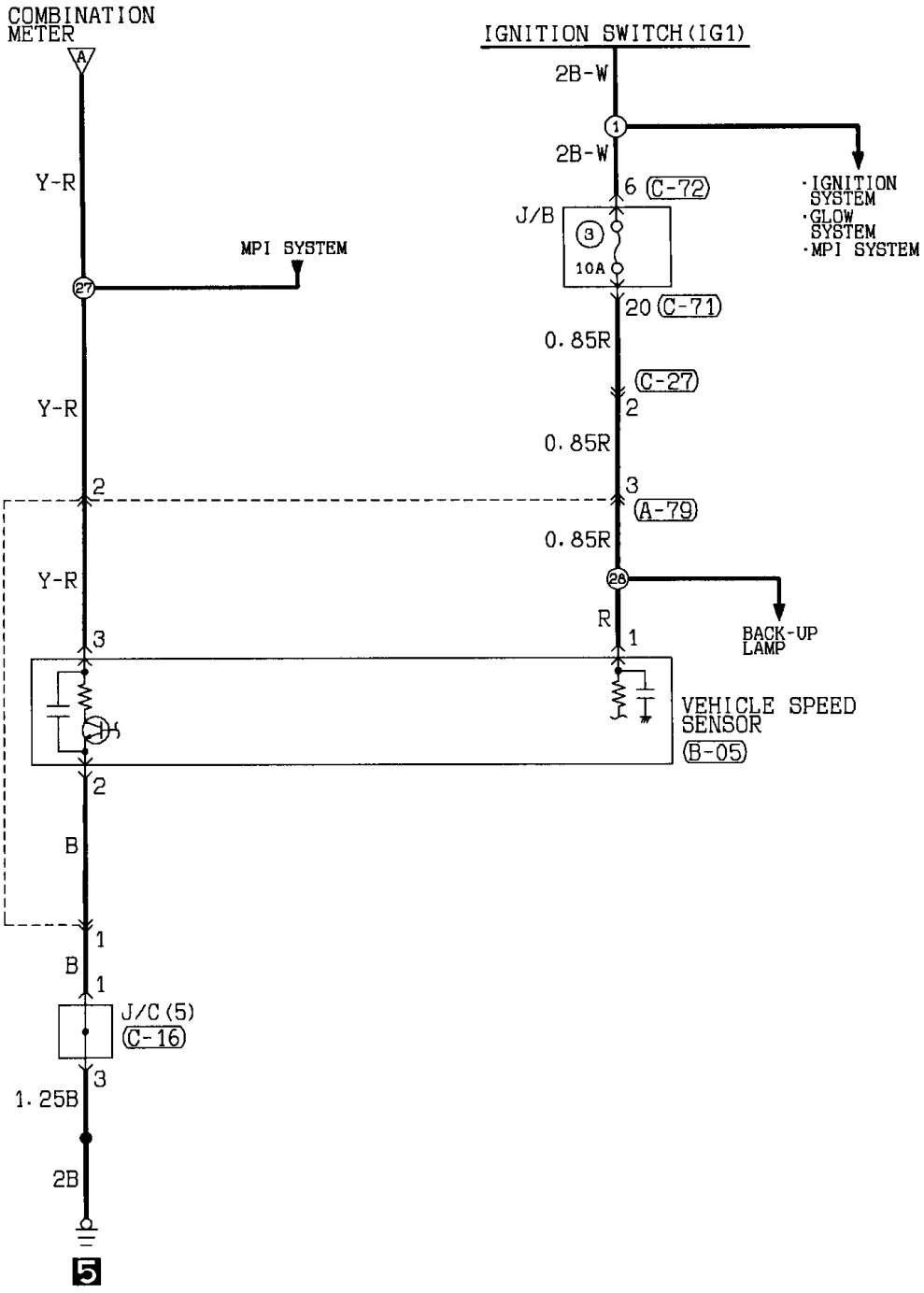
B :Black	LG:Light green	G :Green	L :Blue	W :White	Y :Yellow	SB:Sky blue	
BR:Brown	O :Orange	GR:Gray	R :Red	P :Pink	V :Violet		

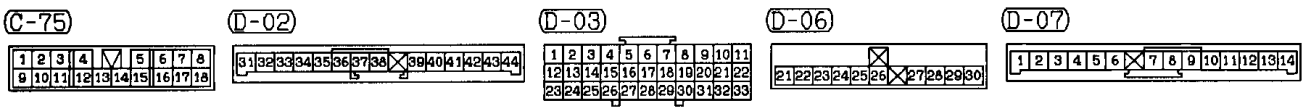
HW10E01AB

METER AND GAUGE <R.H. drive vehicles> (CONTINUED)



HW10E01BA





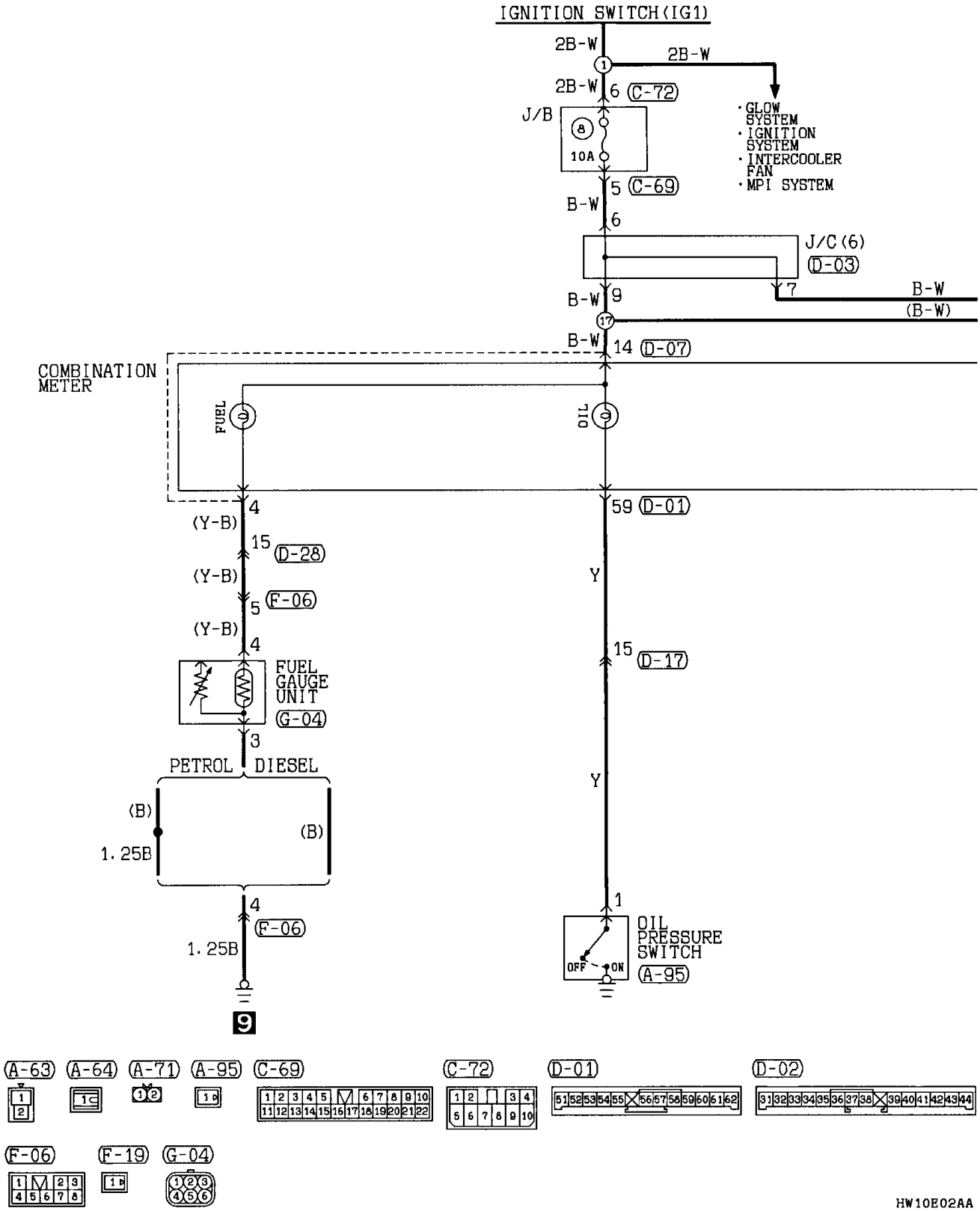
Wire colour code

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		

HW10E01BB

FUEL WARNING LAMP
OIL PRESSURE WARNING LAMP

L.H. drive vehicles



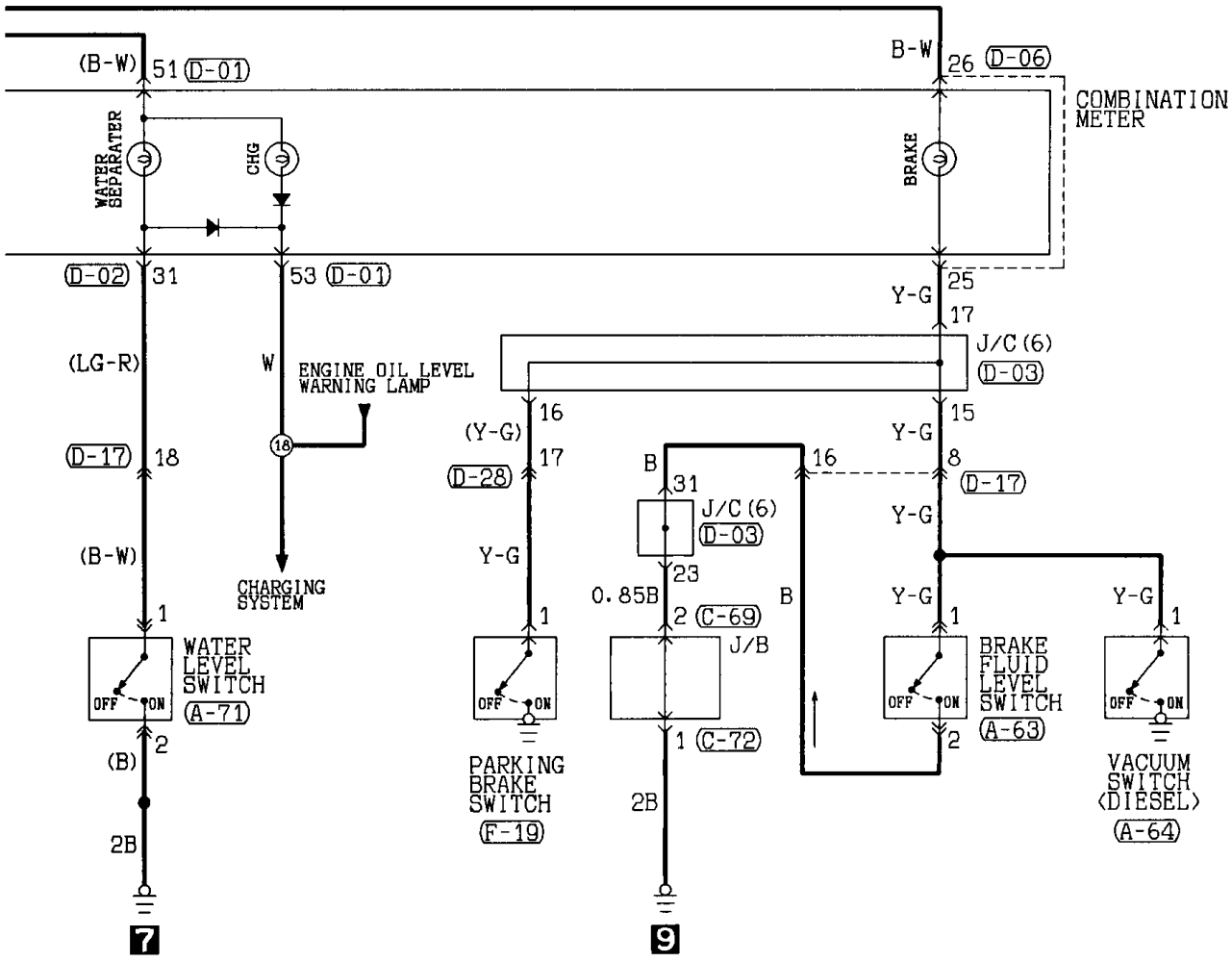
HW10E02AA

FUEL FILTER WARNING LAMP

L.H. drive vehicles <4D56>

BRAKE WARNING LAMP

L.H. drive vehicles

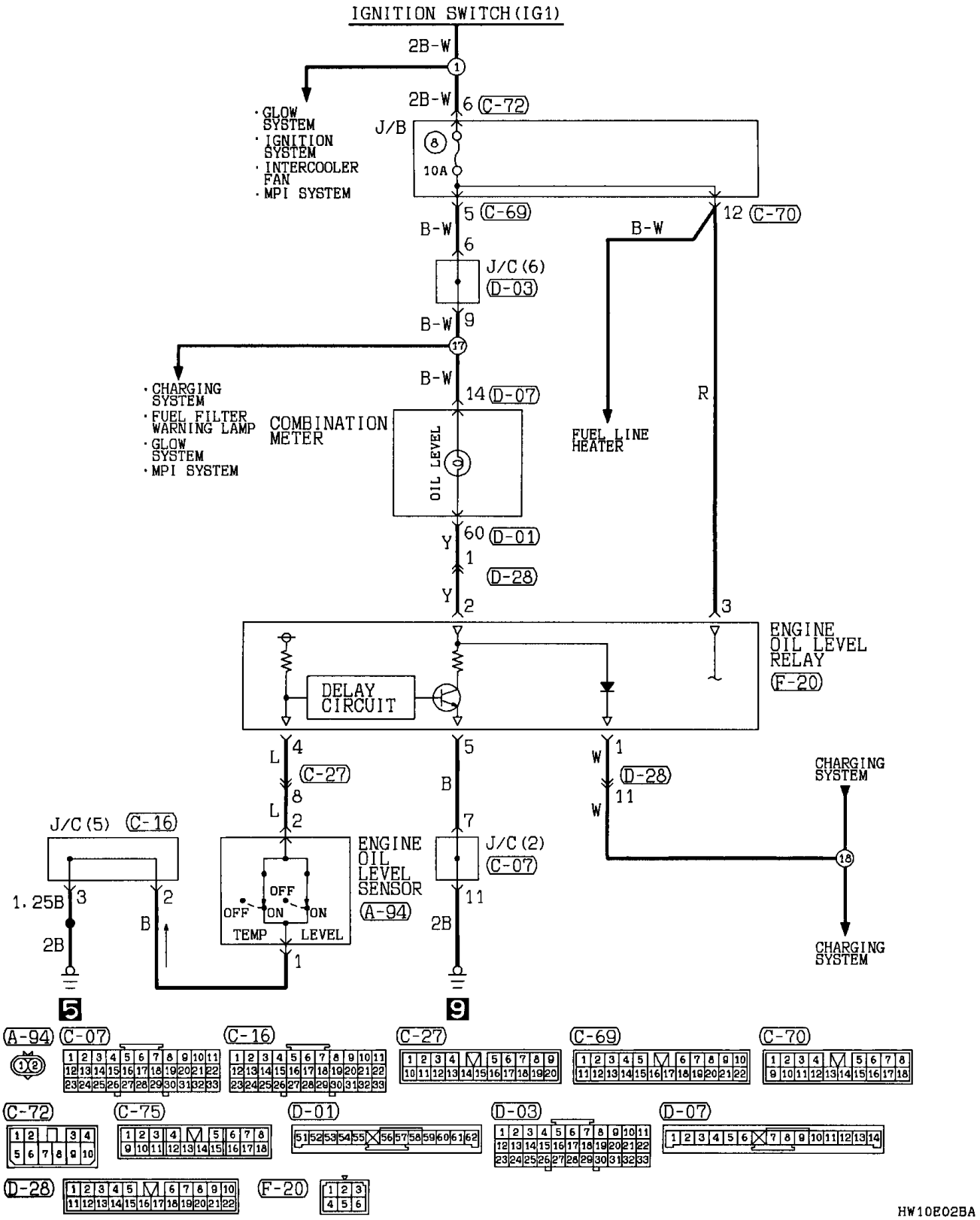


Wire colour code
B :Black LG:Light green G :Green L :Blue W :White Y :Yellow SB:Sky blue
BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

HW10E02AB

ENGINE OIL LEVEL WARNING LAMP

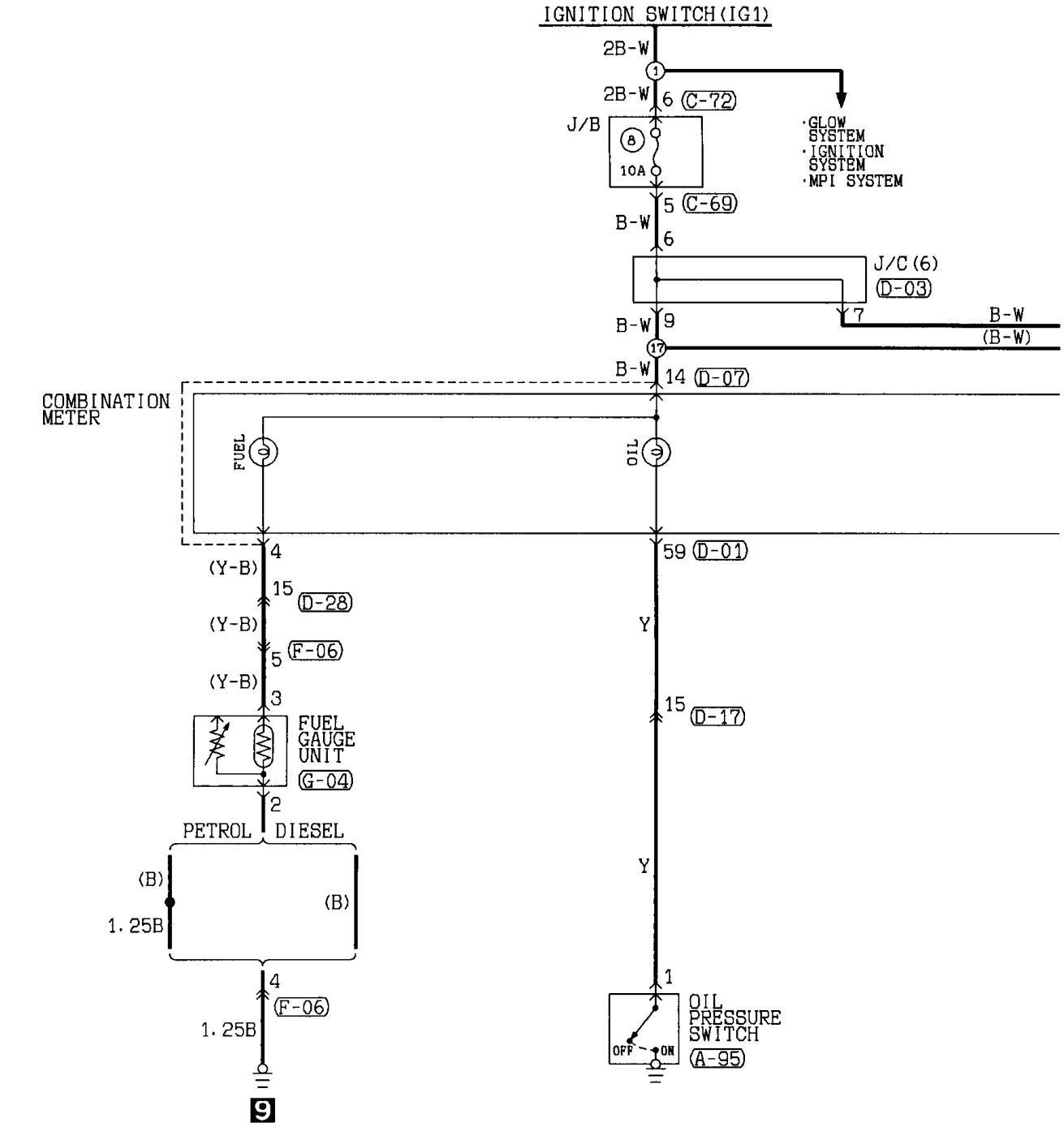
L.H. drive vehicles

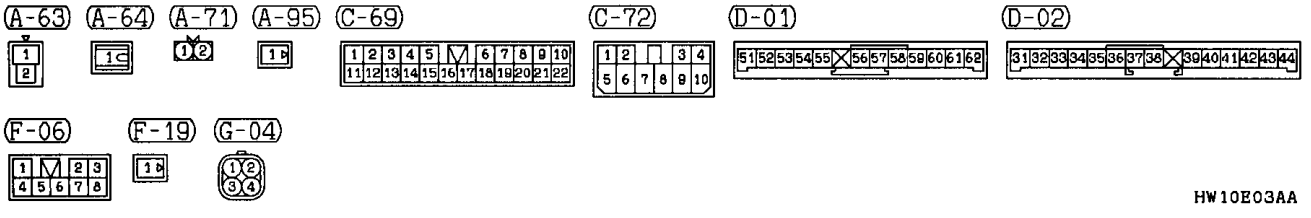


NOTES

FUEL WARNING LAMP
OIL PRESSURE WARNING LAMP

R.H. drive vehicles





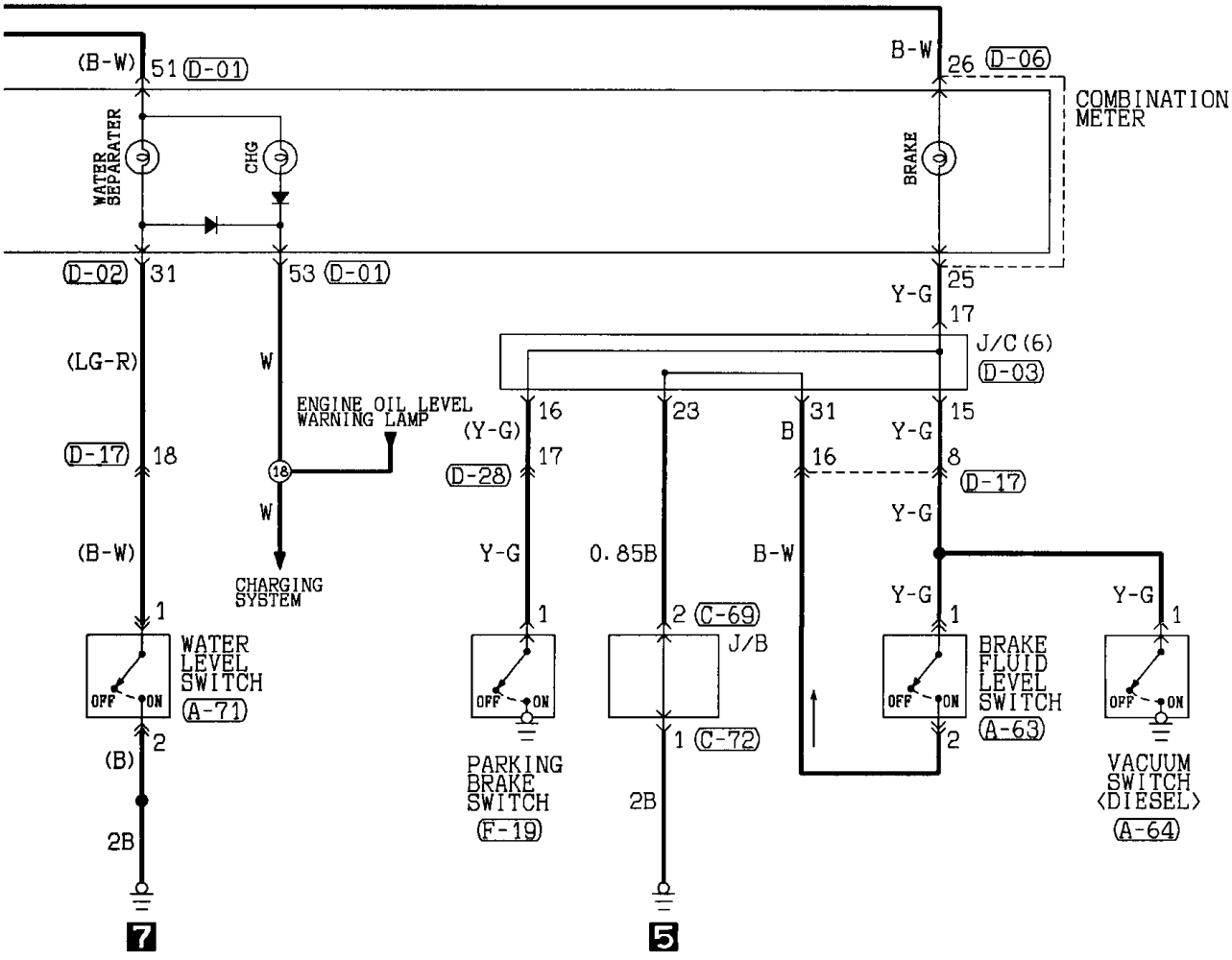
HW10E03AA

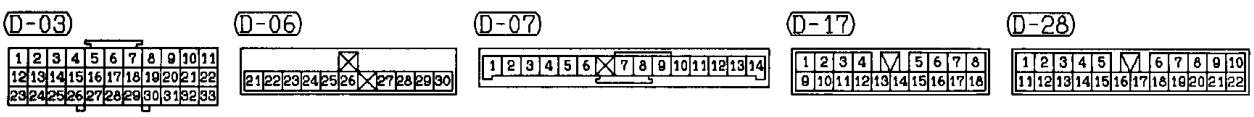
FUEL FILTER WARNING LAMP

R.H. drive vehicles <4D56>

BRAKE WARNING LAMP

R.H. drive vehicles



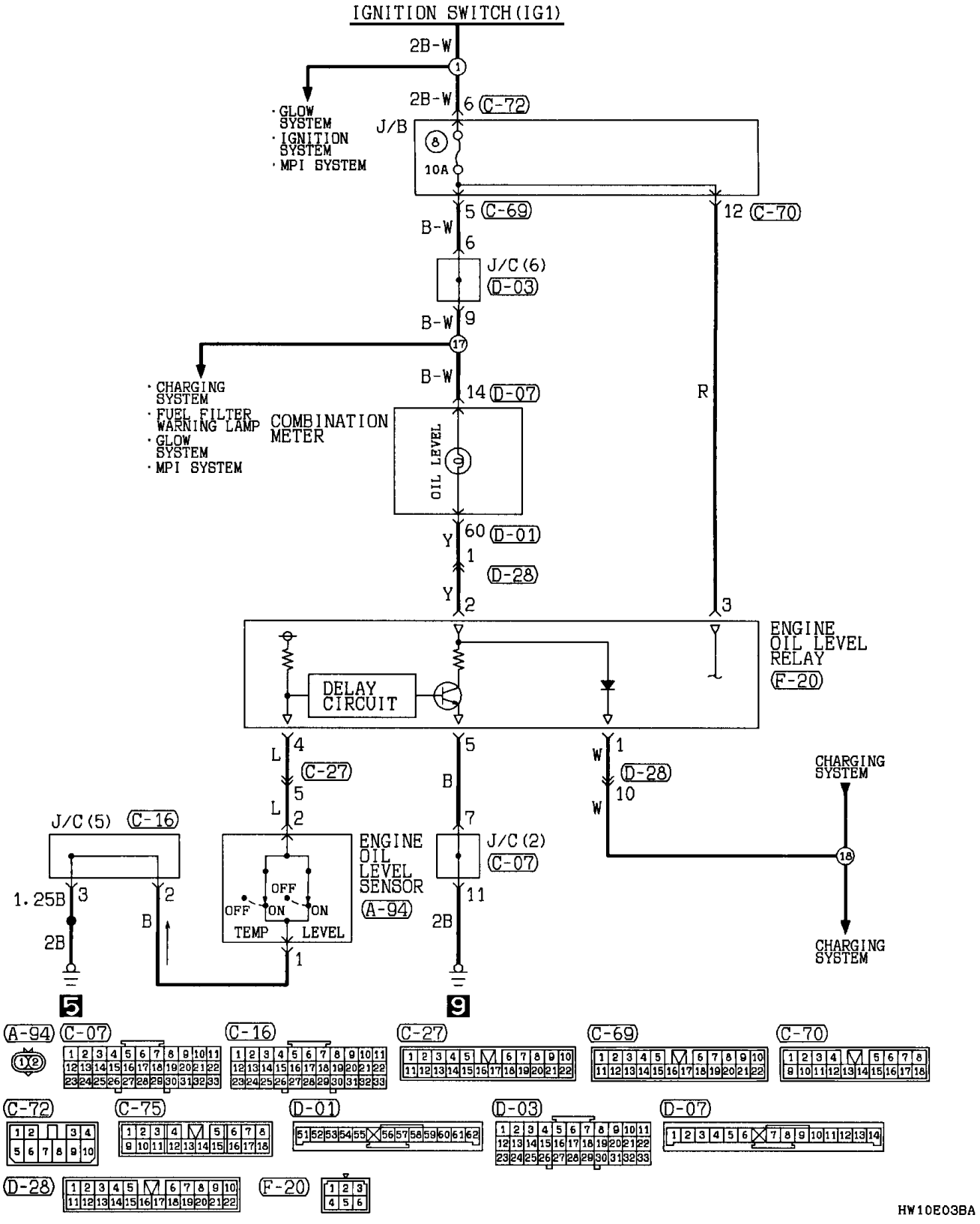


Wire colour code
B :Black LG:Light green G :Green L :Blue W :White Y :Yellow SB:Sky blue
BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

HW10E03AB

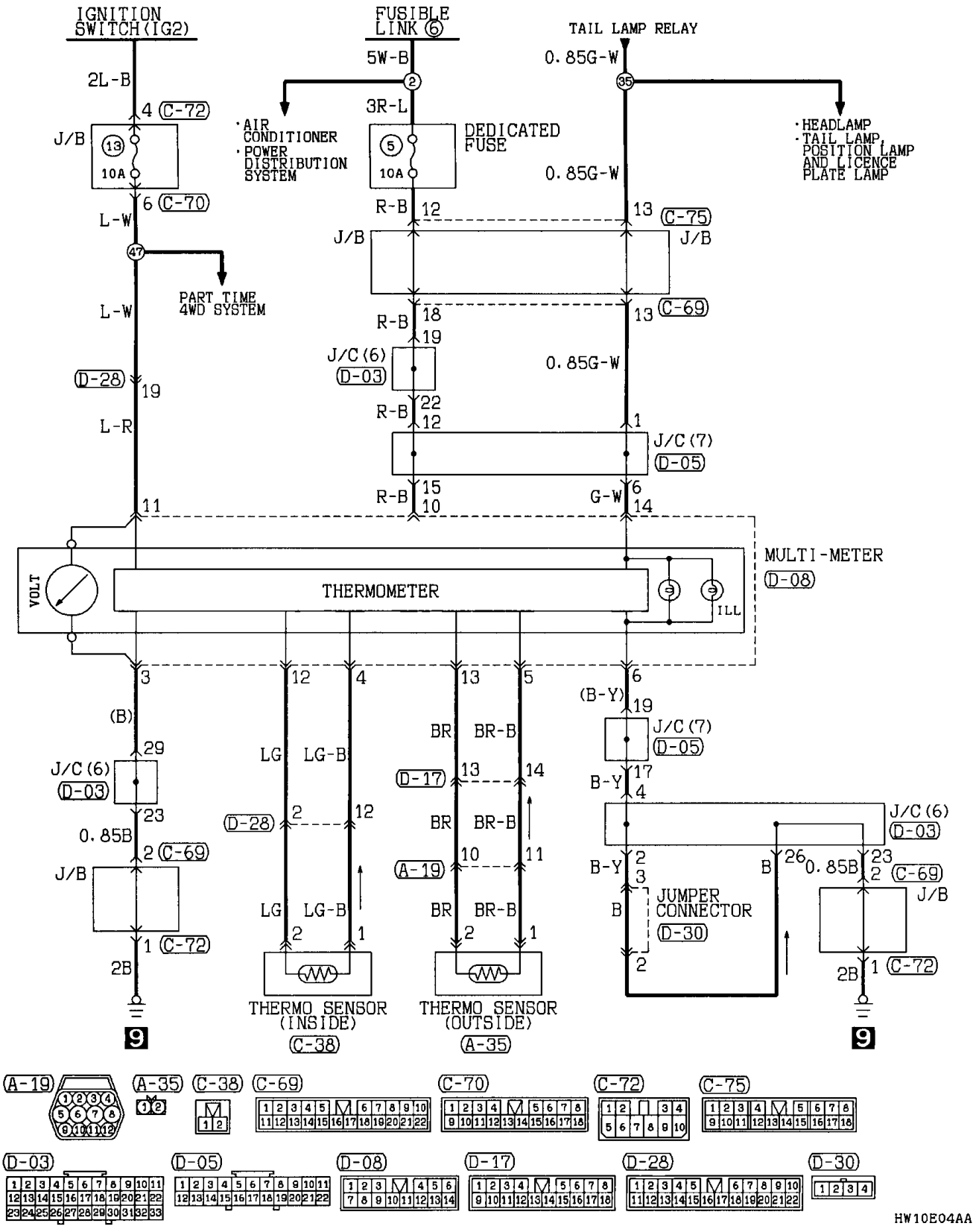
ENGINE OIL LEVEL WARNING LAMP

R.H. drive vehicles

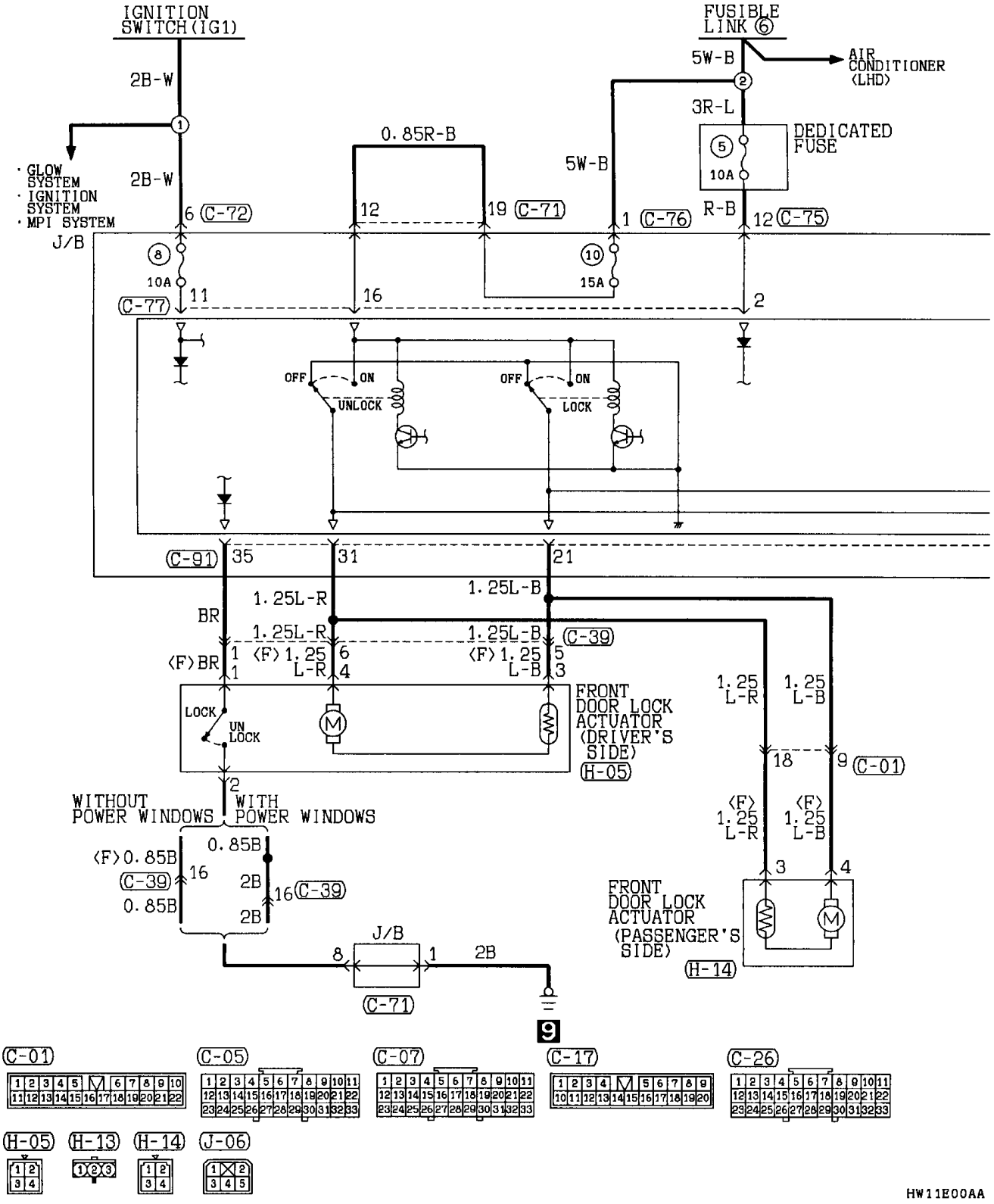


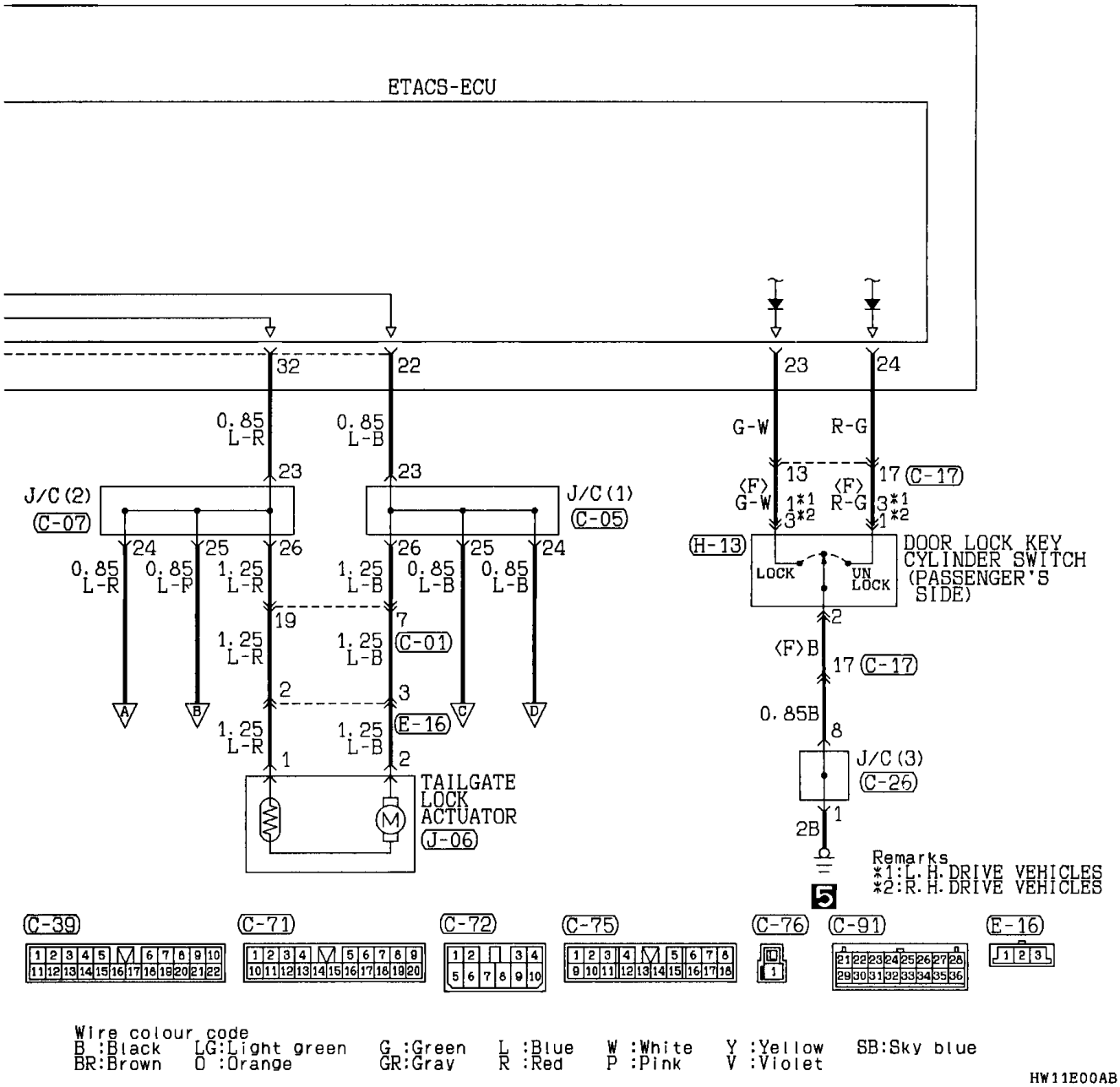
HW10E03BA

MULTI-METER


IGNITION SWITCH(IG2)
FUSIBLE LINK (6)
TAIL LAMP RELAY
2L-B
5W-B
0.85G-W
4 (C-72)
3R-L
J/B (13) 10A
·AIR CONDITIONER
·POWER DISTRIBUTION SYSTEM
(5) 10A
DEDICATED FUSE
·HEADLAMP
·TAIL LAMP, POSITION LAMP AND LICENCE PLATE LAMP
6 (C-70)
L-W
R-B 12
0.85G-W 13 (C-75)
J/B
J/B
(47)
PART TIME 4WD SYSTEM
L-W
R-B 18
19
13 (C-69)
J/C (6) (D-03)
0.85G-W
(D-28) 19
R-B 22
12
L-R
1
J/C (7) (D-05)
R-B 15
10
G-W 6
14
11
MULTI-METER (D-08)
VOLT
THERMOMETER
ILL
3
12
4
13
5
6
(B-Y)
19
(B)
BR
BR-B
J/C (7) (D-05)
29
LG
LG-B
(D-17) 13
14
B-Y 17
4
J/C (6) (D-03)
J/C (6) (D-03)
(D-28) 2
12
BR
BR-B
23
0.85B
(A-19) 10
11
B-Y 2
3
B 26
0.85B 23
2 (C-69)
LG
LG-B
BR
BR-B
JUMPER CONNECTOR (D-30)
J/B
J/B
2
2
1
1
1
1
B
2
2B
1 (C-72)
2B
1 (C-72)
THERMO SENSOR (INSIDE) (C-38)
THERMO SENSOR (OUTSIDE) (A-35)
9
9
(A-19)
(A-35)
(C-38)
(C-69)
(C-70)
(C-72)
(C-75)
(D-03)
(D-05)
(D-08)
(D-17)
(D-28)
(D-30)
HW10E04AA

CENTRAL DOOR LOCKING SYSTEM

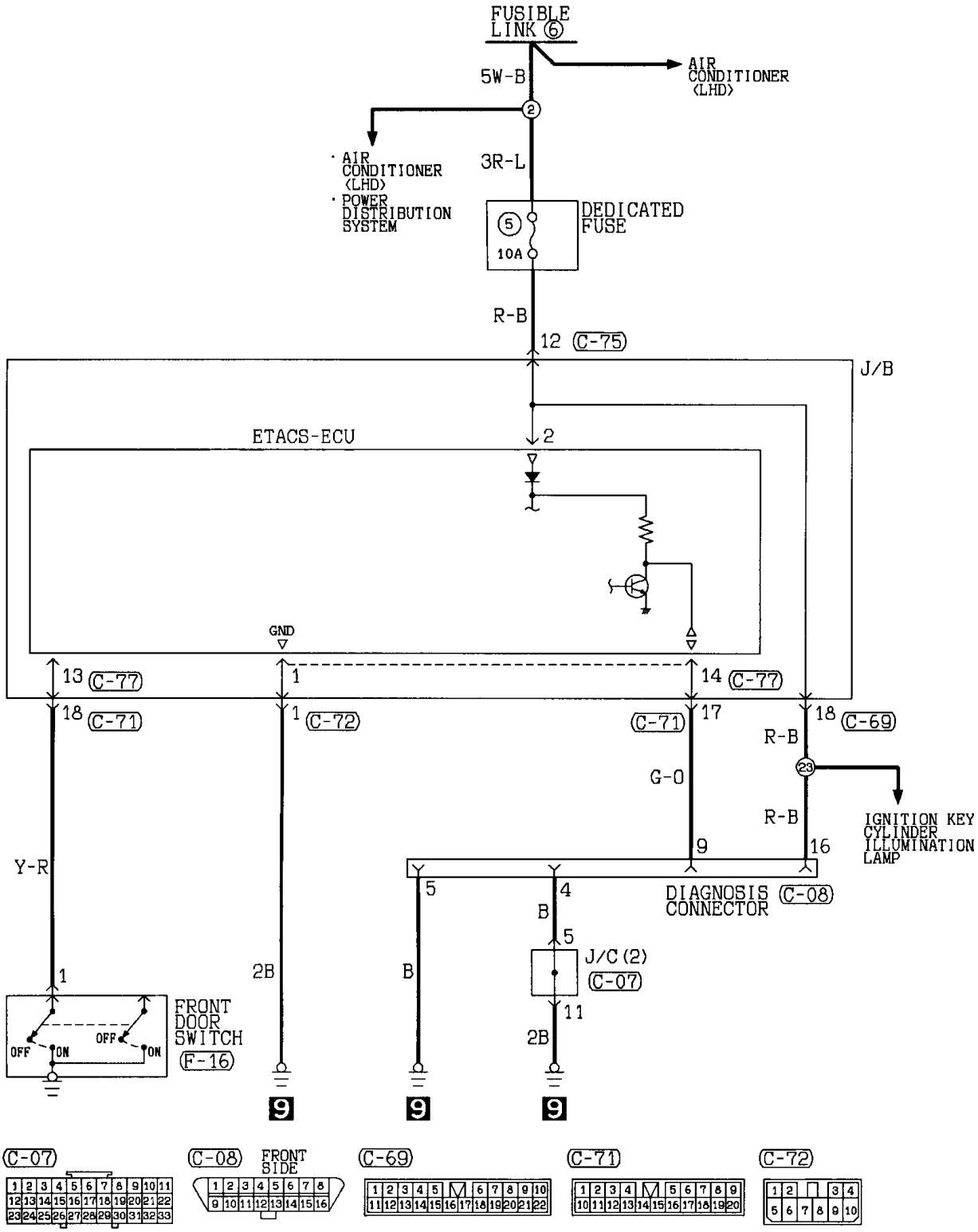




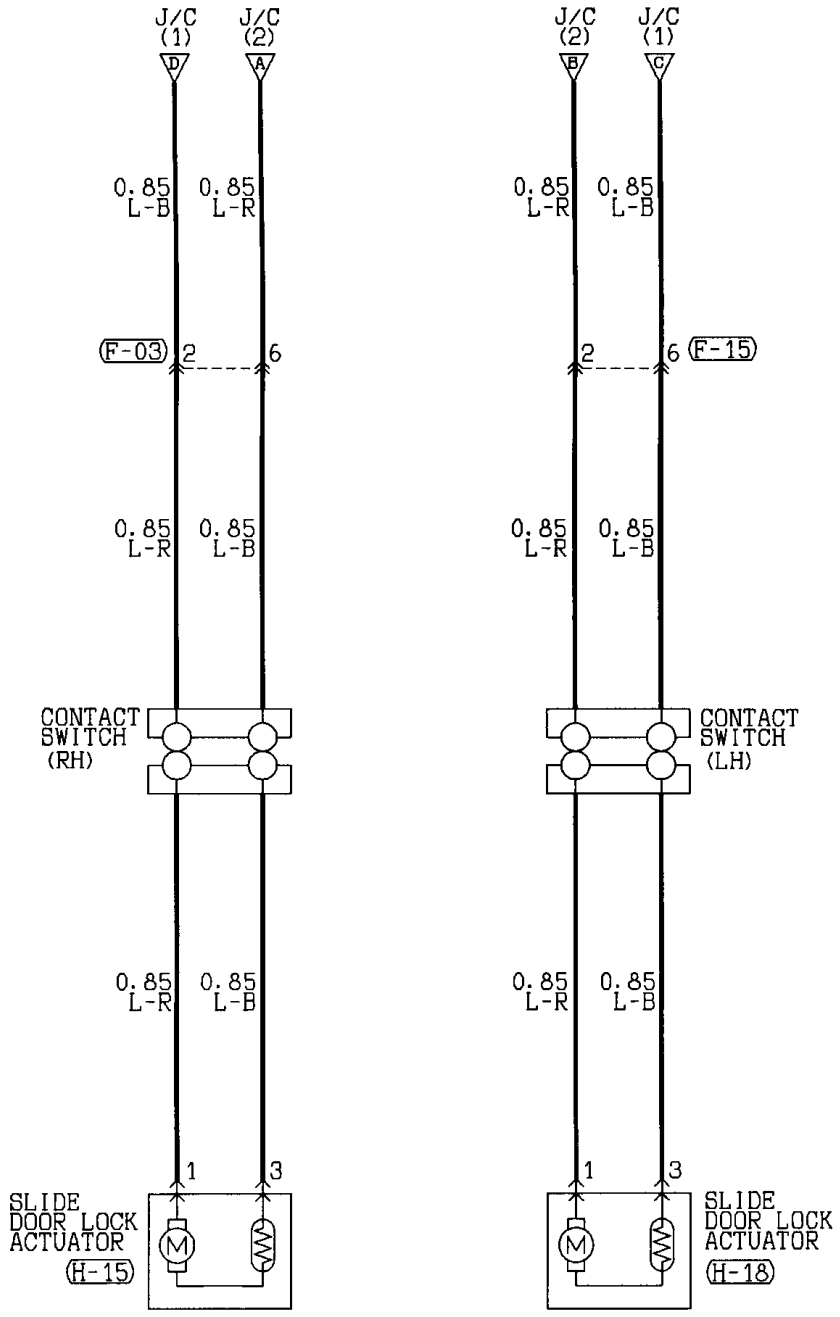
Wire colour code
B :Black LG:Light green G :Green L :Blue W :White Y :Yellow SB:Sky blue
BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

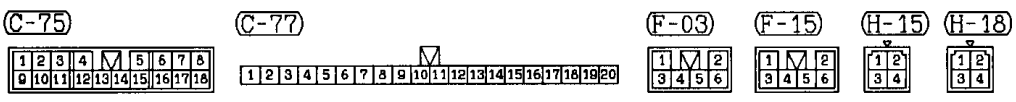
HW11E00AB

CENTRAL DOOR LOCKING SYSTEM (CONTINUED)



HW11E00BA

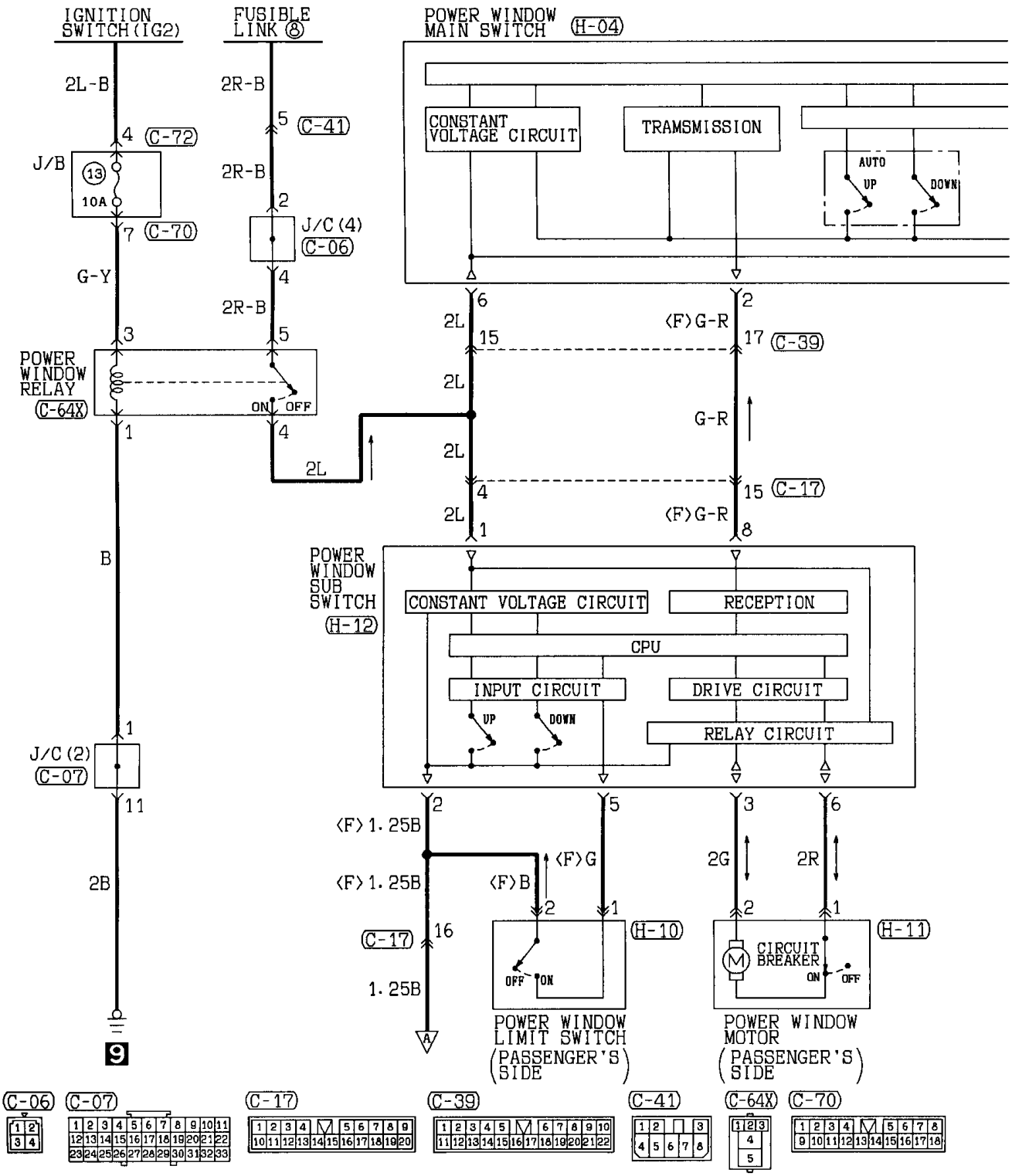




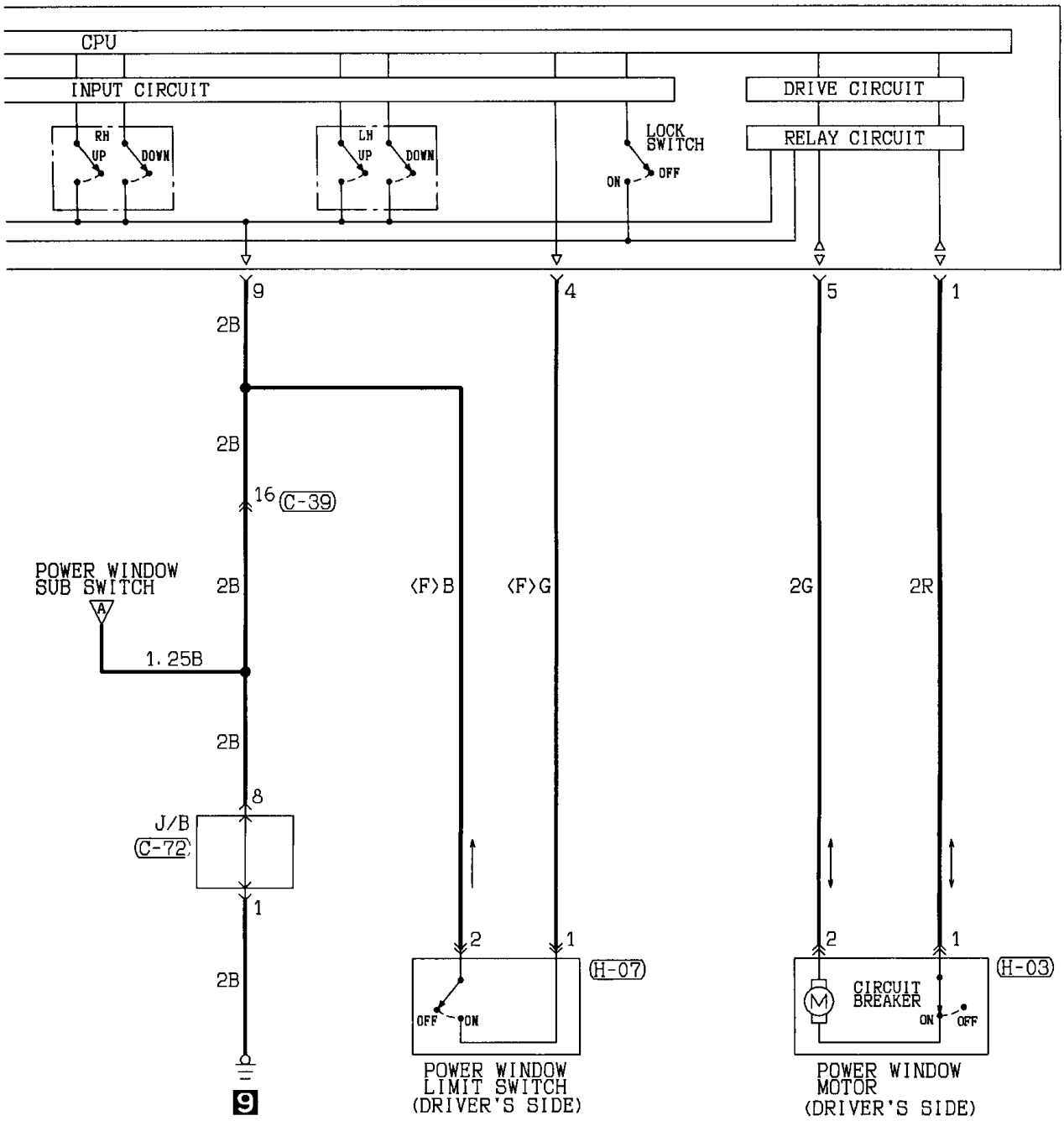
Wire colour code
B :Black LG:Light green G :Green L :Blue W :White Y :Yellow SB:Sky blue
BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

HW11E00BB

POWER WINDOWS



HW11E01AA

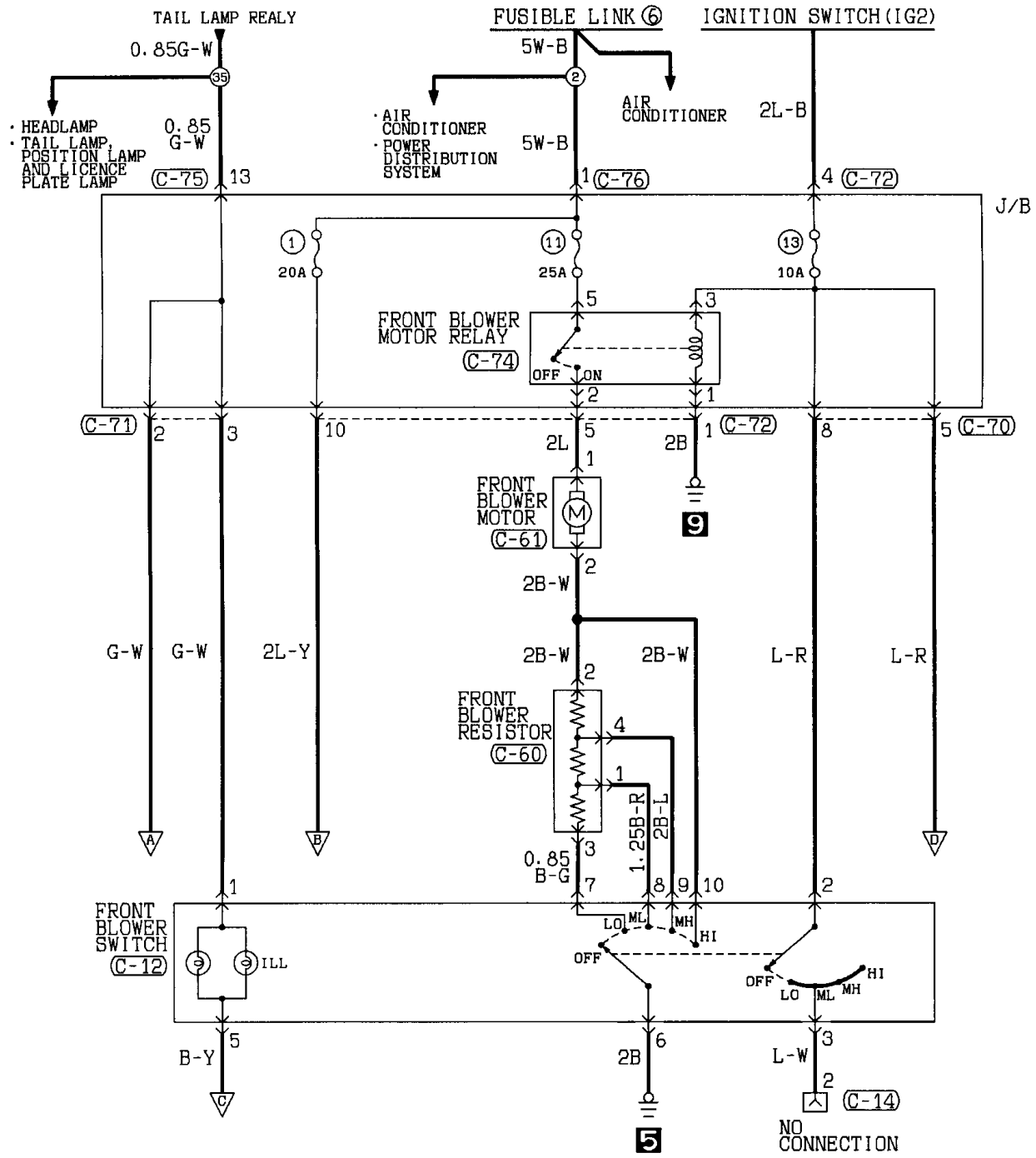


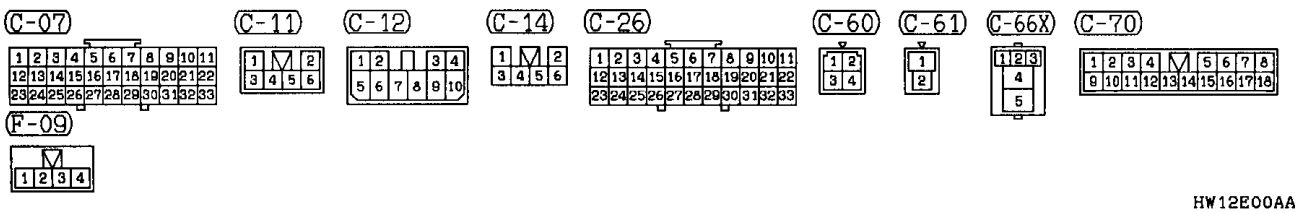
Wire colour code
B :Black LG:Light green G :Green L :Blue W :White Y :Yellow SB:Sky blue
BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

HW11E01AB

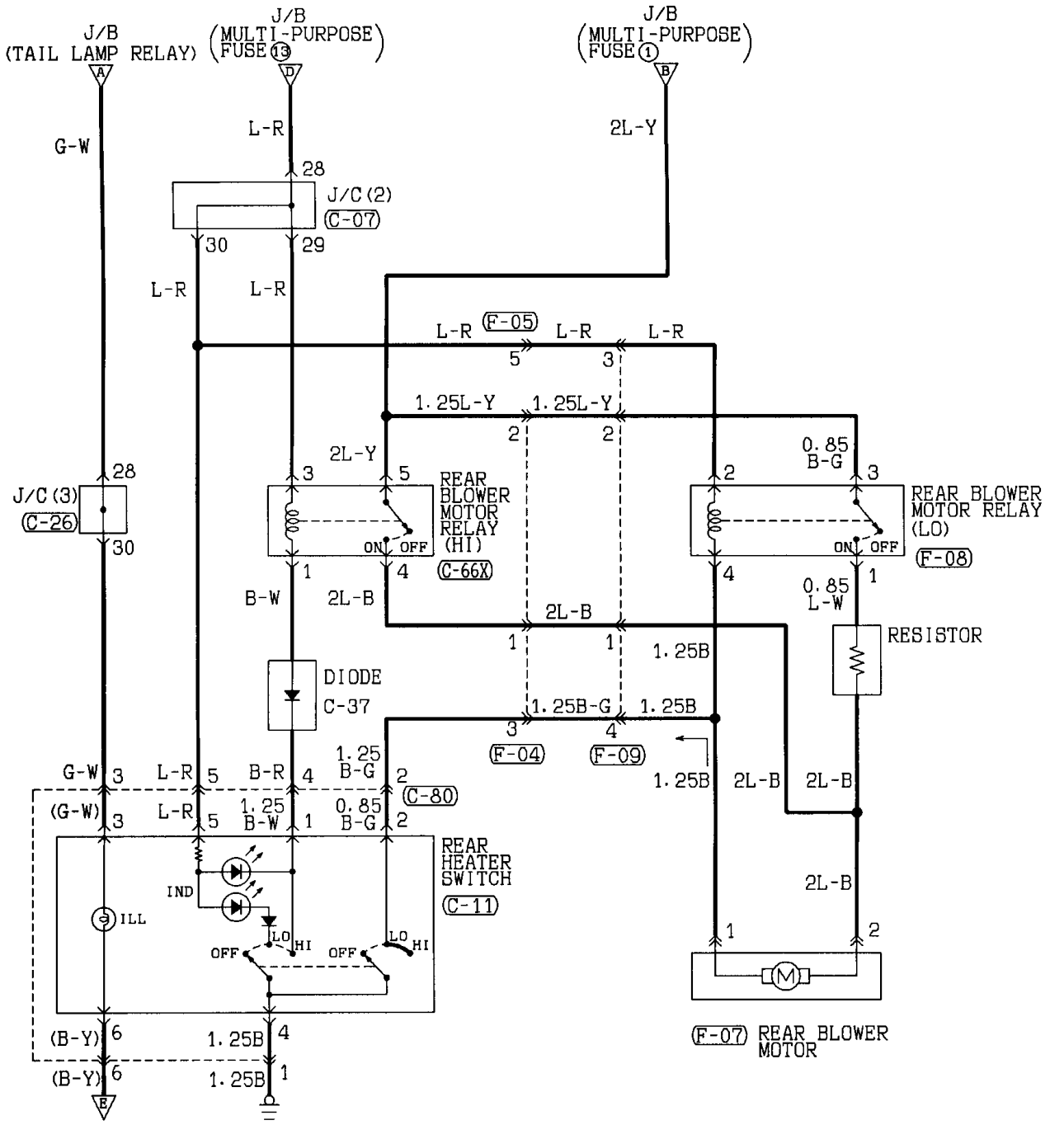
HEATER

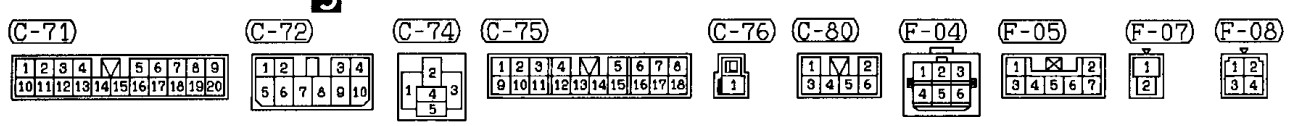
L.H. drive vehicles with under seat type rear heater





HW12E00AA

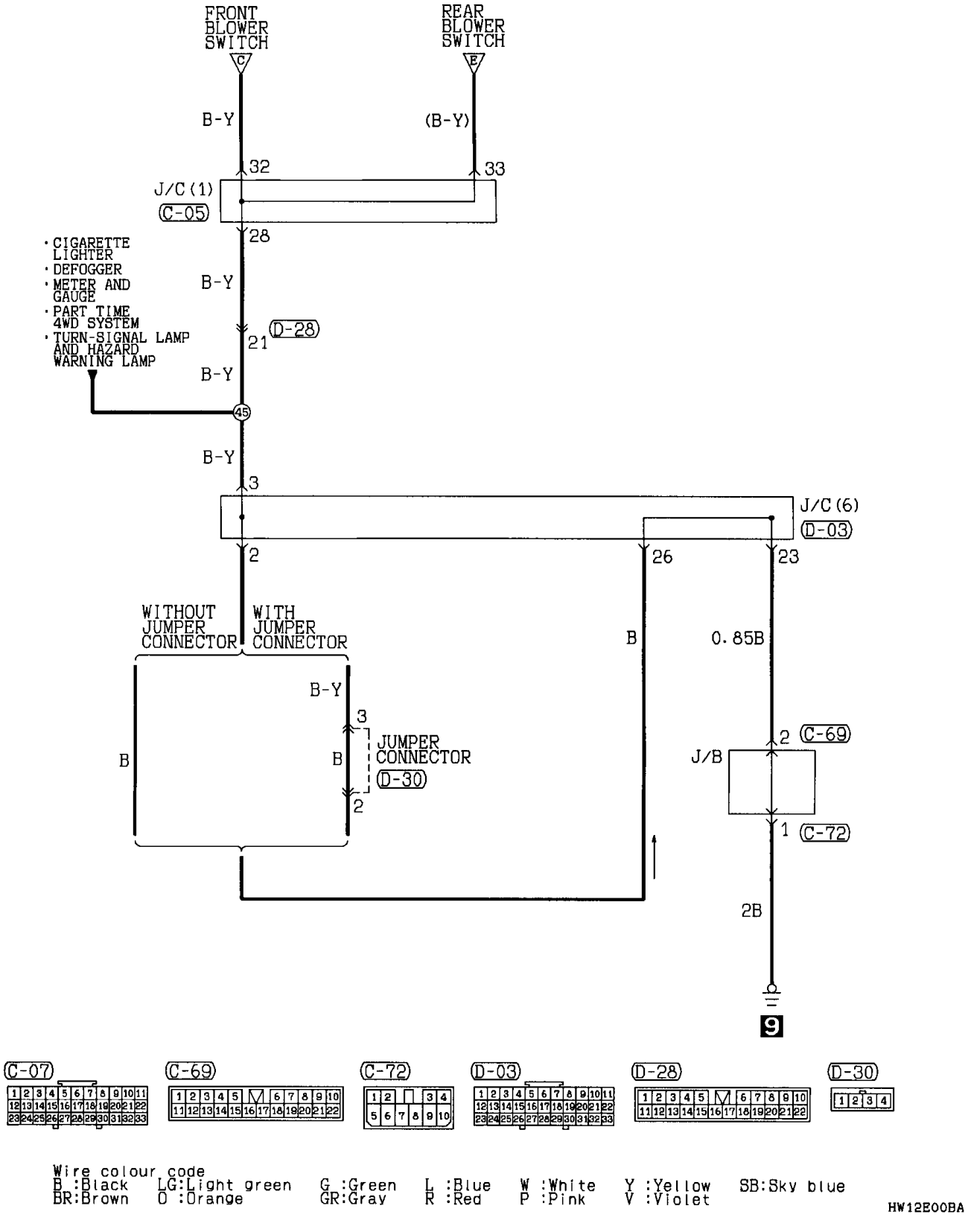




Wire colour code
B :Black LG:Light green G :Green L :Blue W :White Y :Yellow SB:Sky blue
BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

HW12E00AB

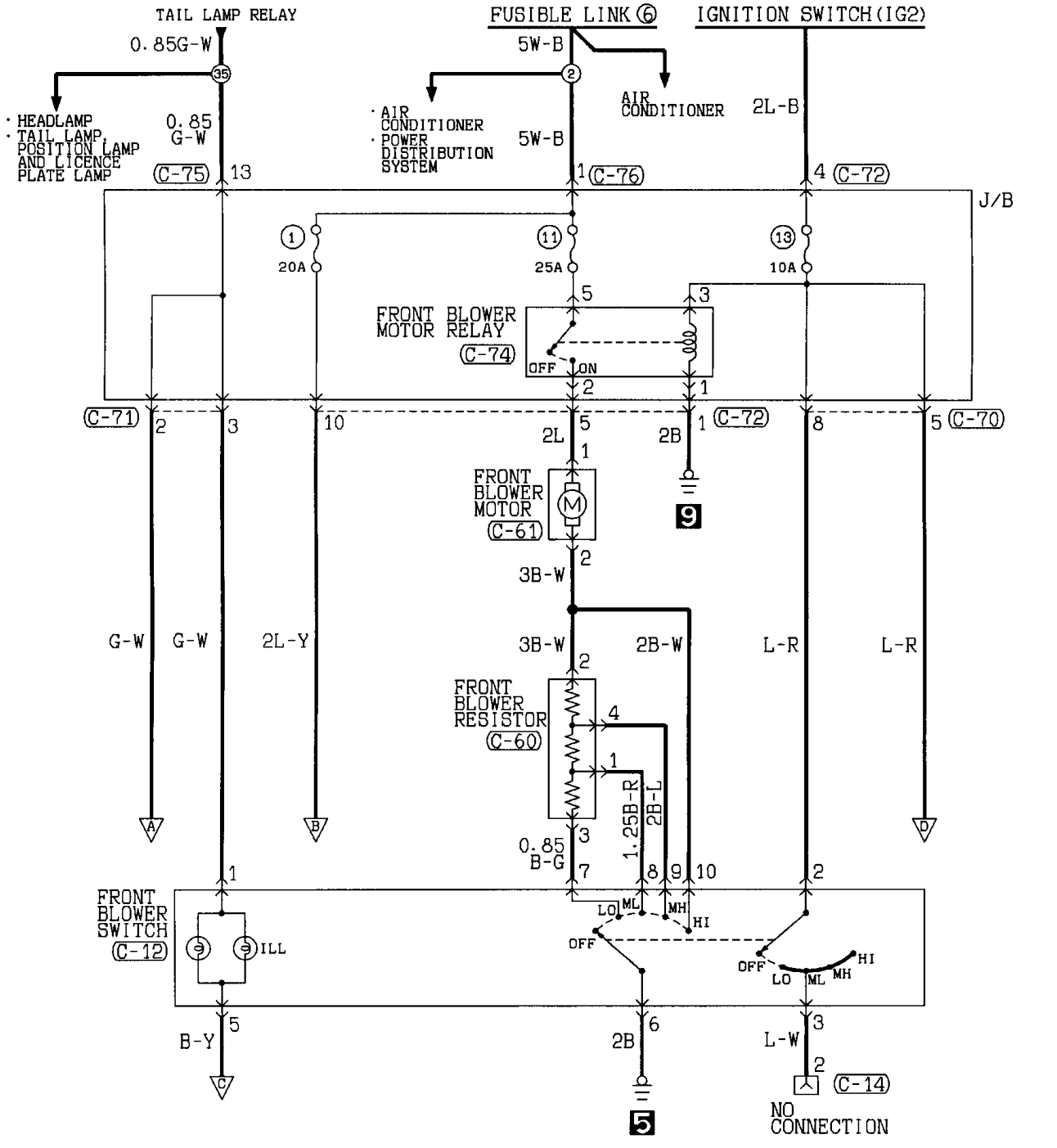
HEATER <L.H. drive vehicles with under seat type rear heater> (CONTINUED)

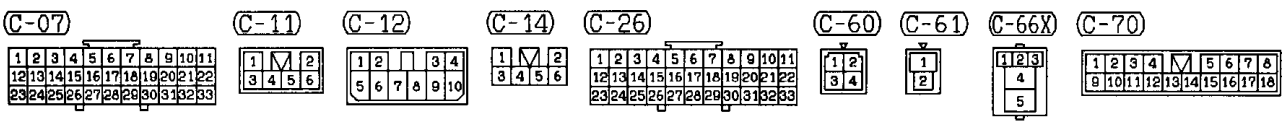


NOTES

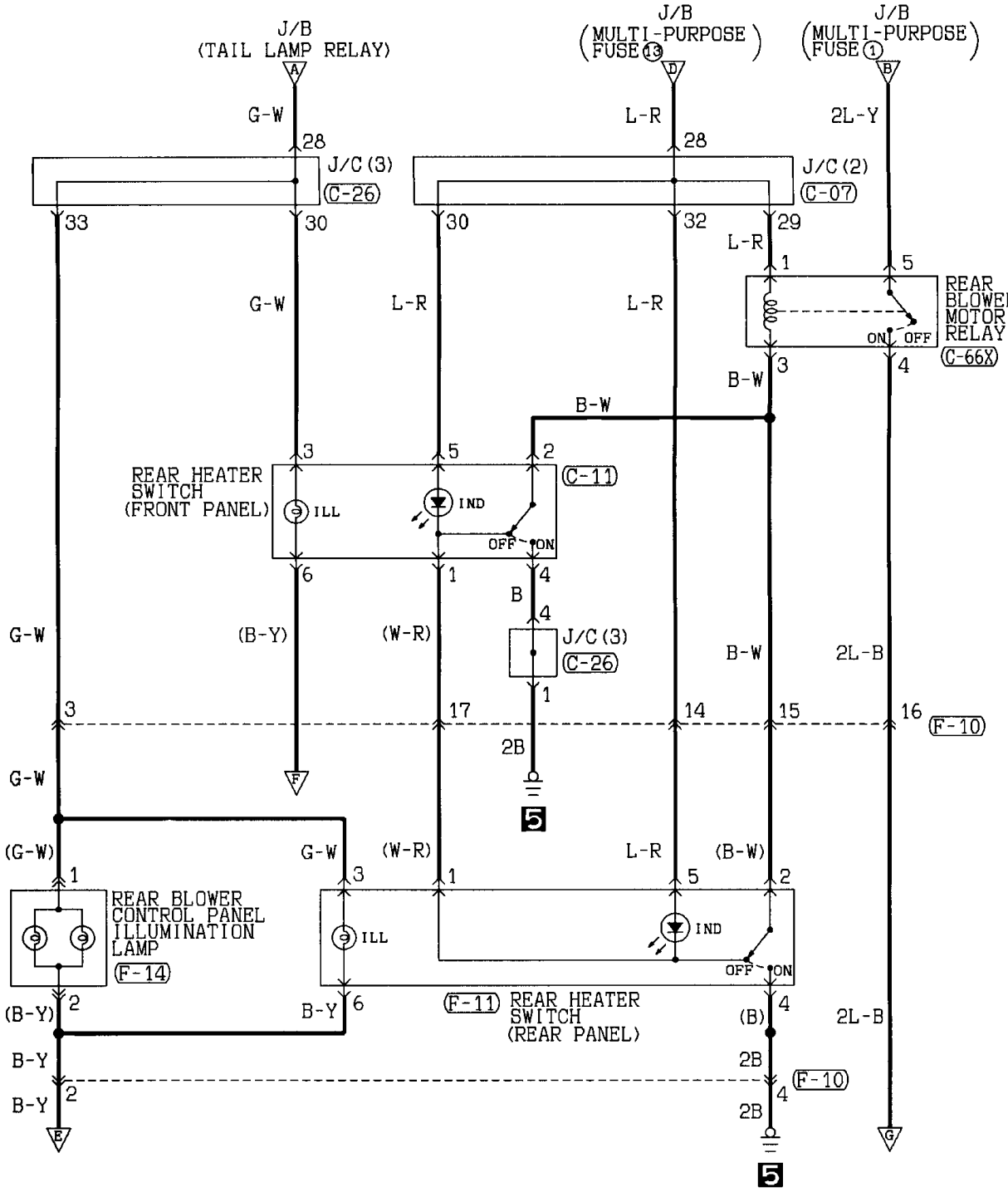
HEATER

L.H. drive vehicles with built-in type rear heater

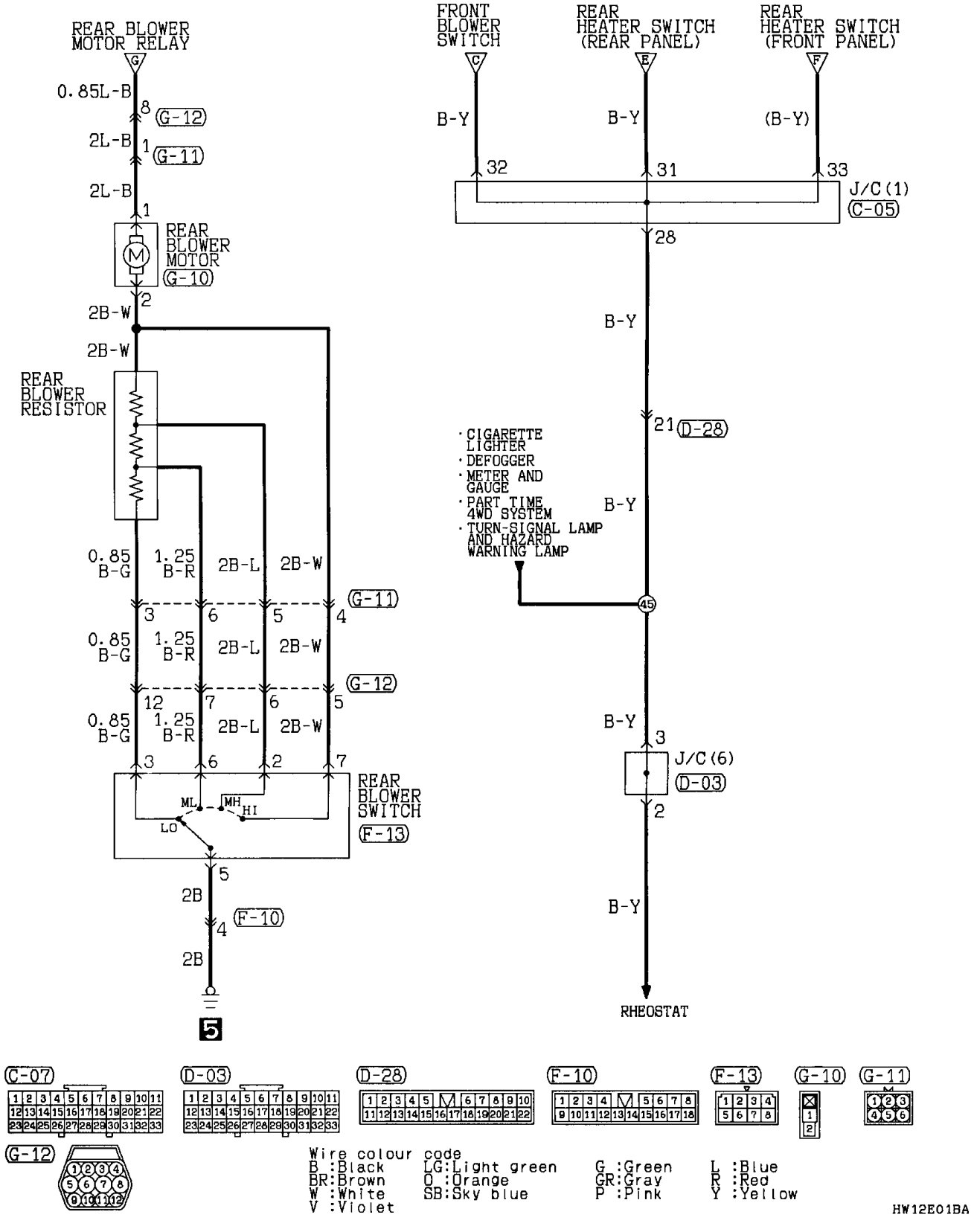




HW12E01AA


J/B (TAIL LAMP RELAY)
J/B (MULTI-PURPOSE FUSE 13)
J/B (MULTI-PURPOSE FUSE 1)
G-W
L-R
2L-Y
28
J/C (3) C-26
J/C (2) C-07
33
30
32
29
REAR BLOWER MOTOR RELAY C-66X
ON OFF
B-W
REAR HEATER SWITCH (FRONT PANEL) C-11
ILL
IND
OFF ON
B
(B-Y)
(W-R)
2L-B
17
14
15
16 F-10
2B
5
(G-W)
REAR BLOWER CONTROL PANEL ILLUMINATION LAMP F-14
B-Y
F-11 REAR HEATER SWITCH (REAR PANEL)
(B)
C-71
C-72
C-74
C-75
C-76
F-10
F-11
F-14
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
HW12E01AB

HEATER <L.H. drive vehicles with built-in type rear heater> (CONTINUED)



Wire colour code

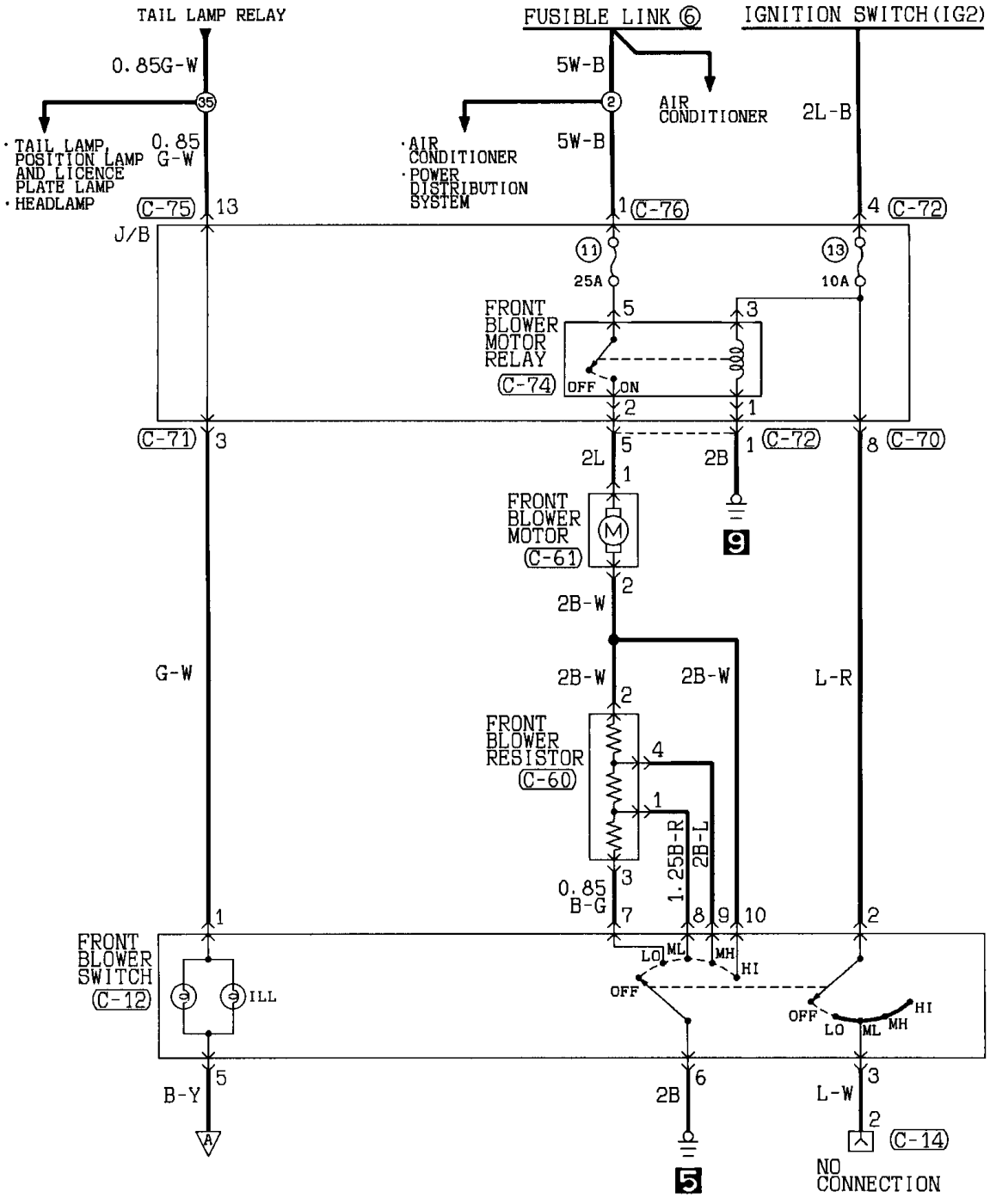
B :Black	LG:Light green	G :Green	L :Blue
BR:Brown	O :Orange	GR:Gray	R :Red
W :White	SB:Sky blue	P :Pink	Y :Yellow
V :Violet			

HW12E01BA

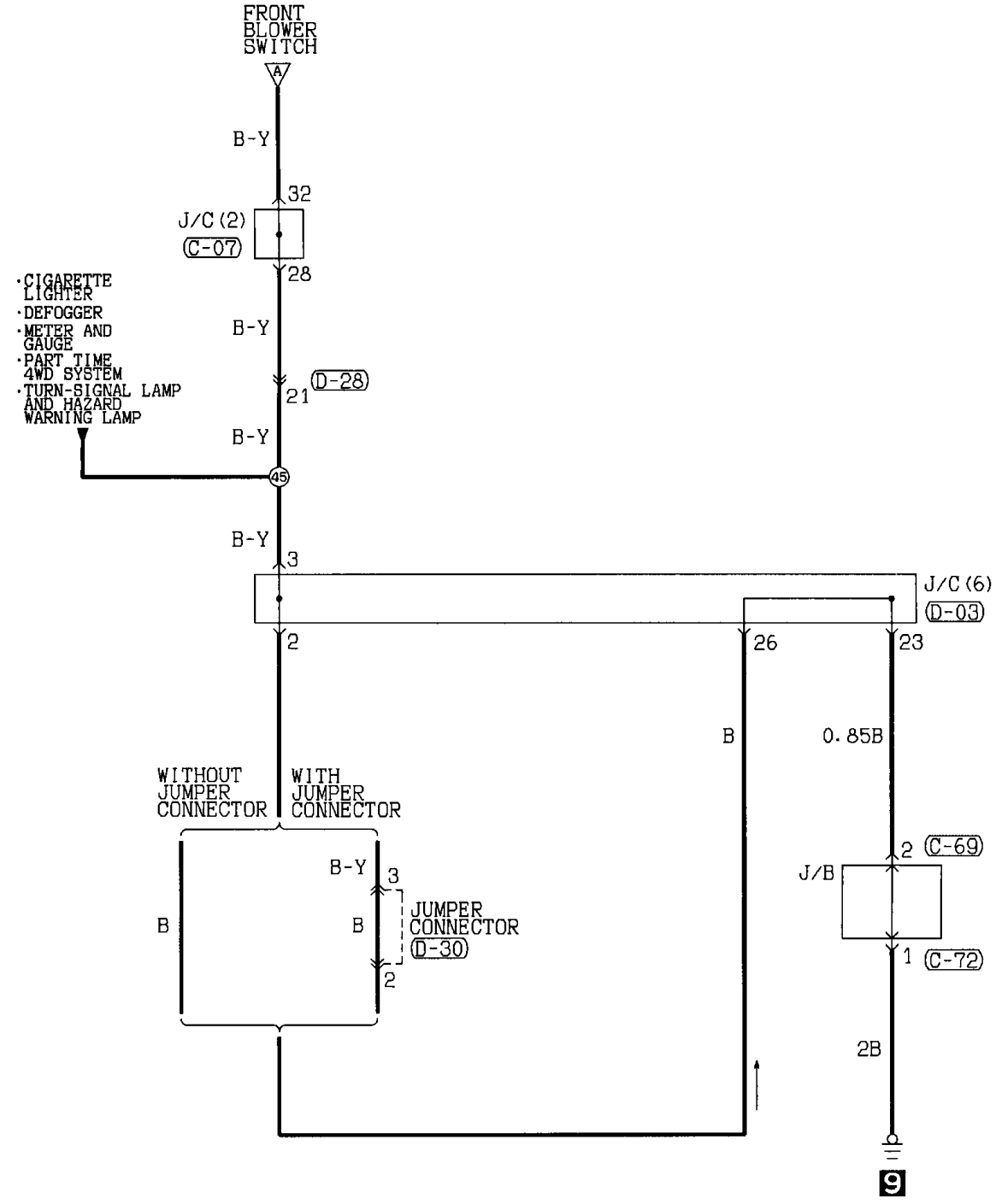
NOTES

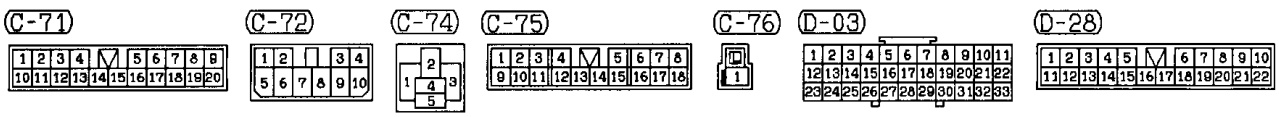
HEATER

L.H. drive vehicles without rear heater



HW12E02AA



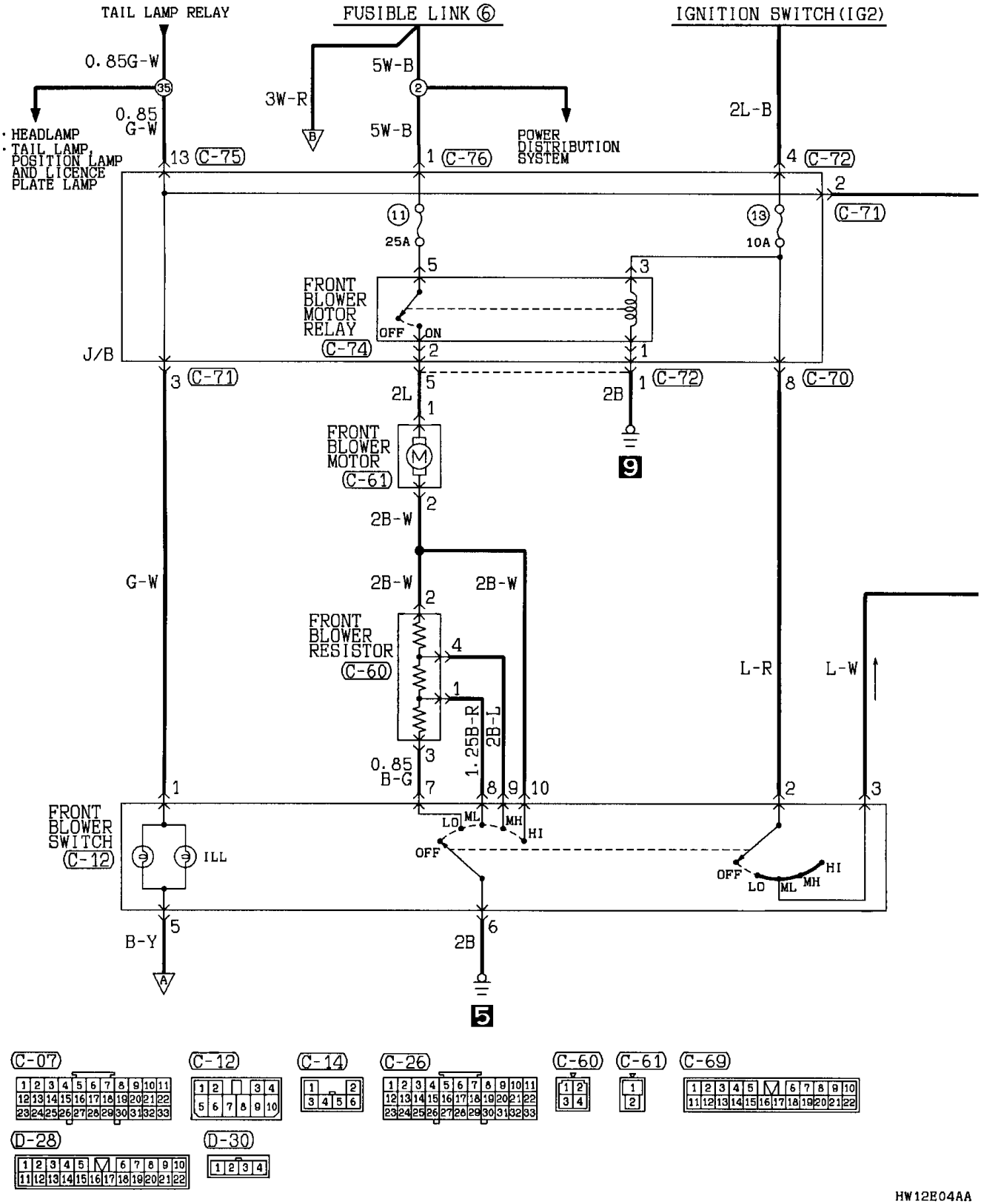


Wire colour code
B :Black LG:Light green G :Green L :Blue W :White Y :Yellow SB:Sky blue
BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

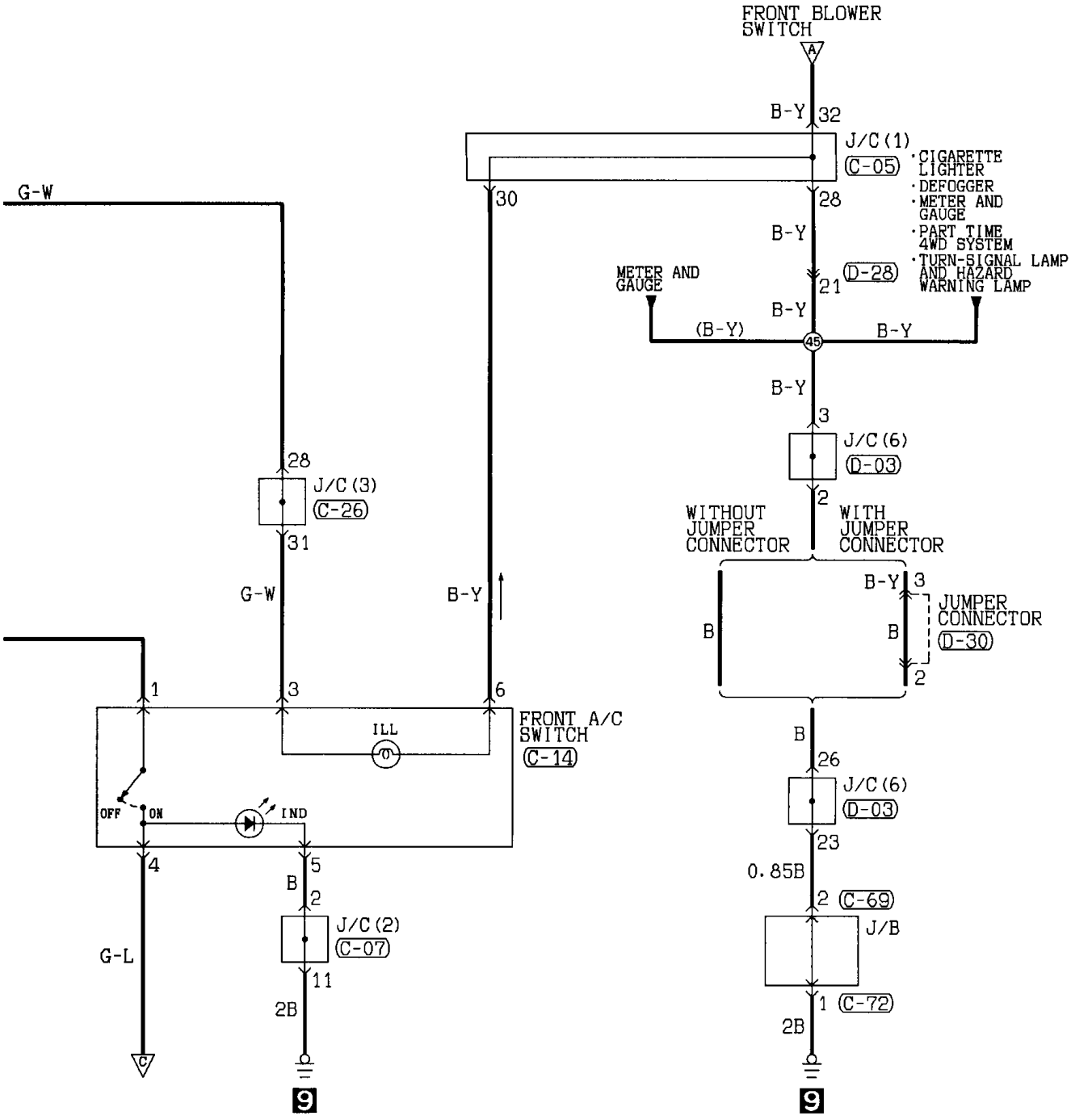
HW12E02AB

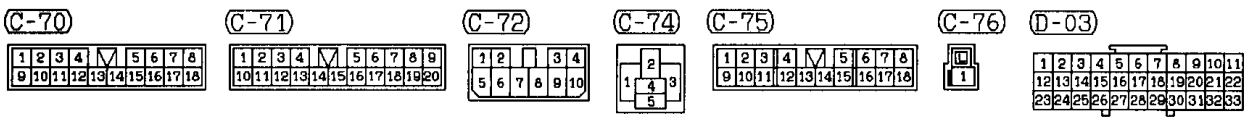
SINGLE AIR CONDITIONER

MPI



HW12E04AA



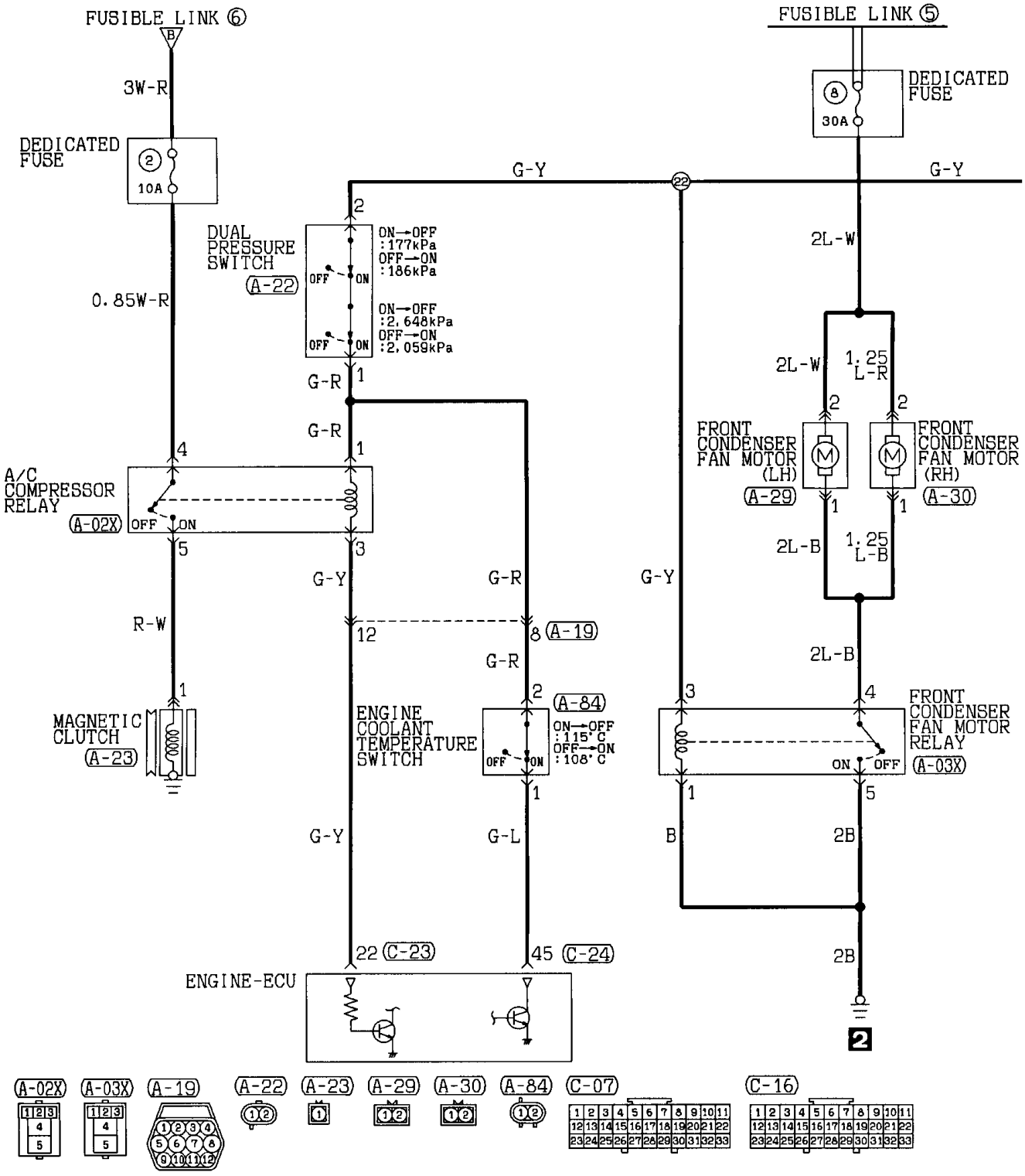


Wire colour code

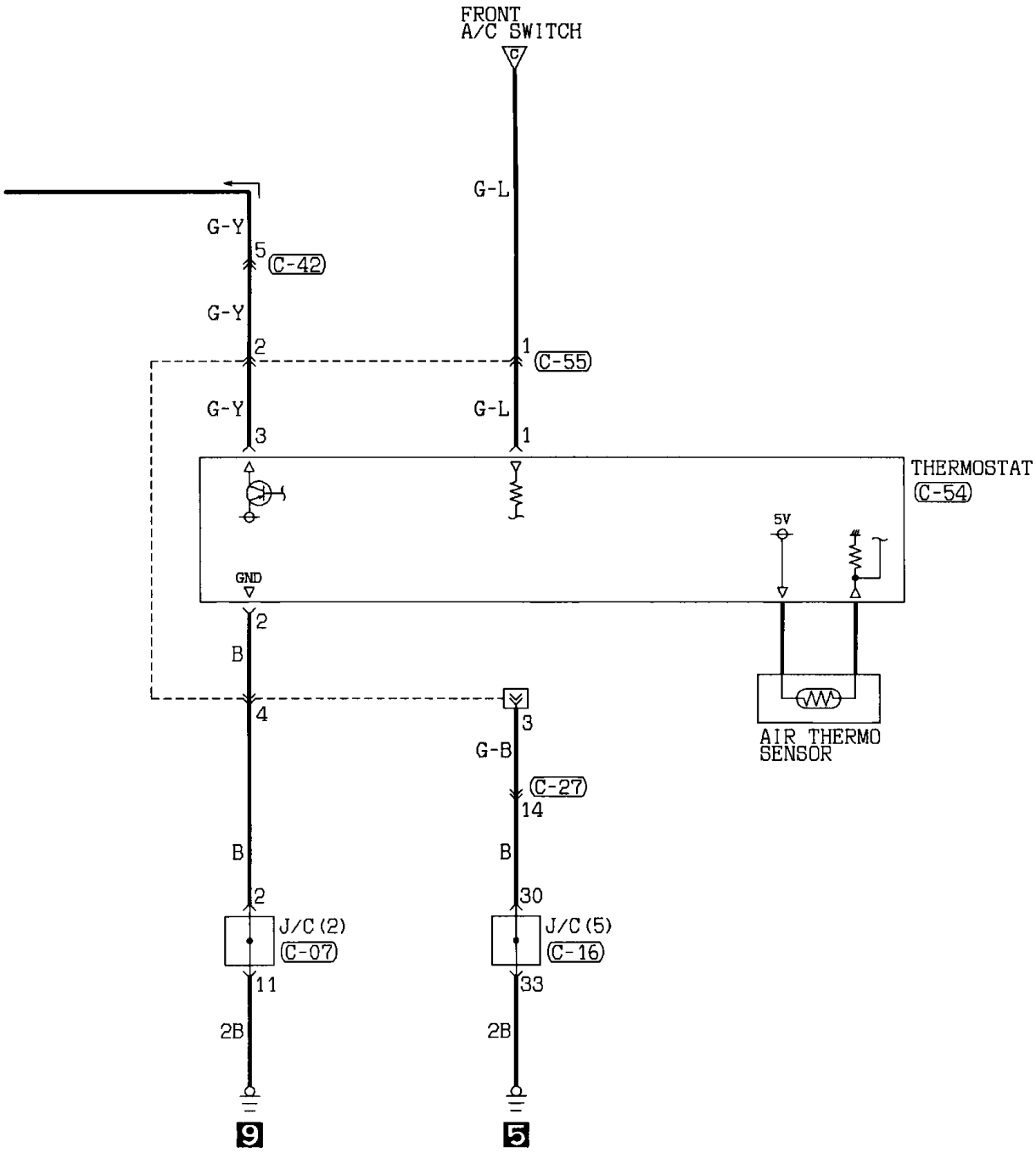
B :Black	LG:Light green	G :Green	L :Blue	W :White	Y :Yellow	SB:Sky blue	
BR:Brown	O :Orange	GR:Gray	R :Red	P :Pink	V :Violet		

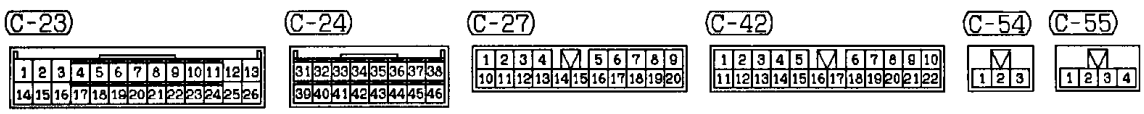
HW12E04AB

SINGLE AIR CONDITIONER <MPI> (CONTINUED)



HW12E04BA



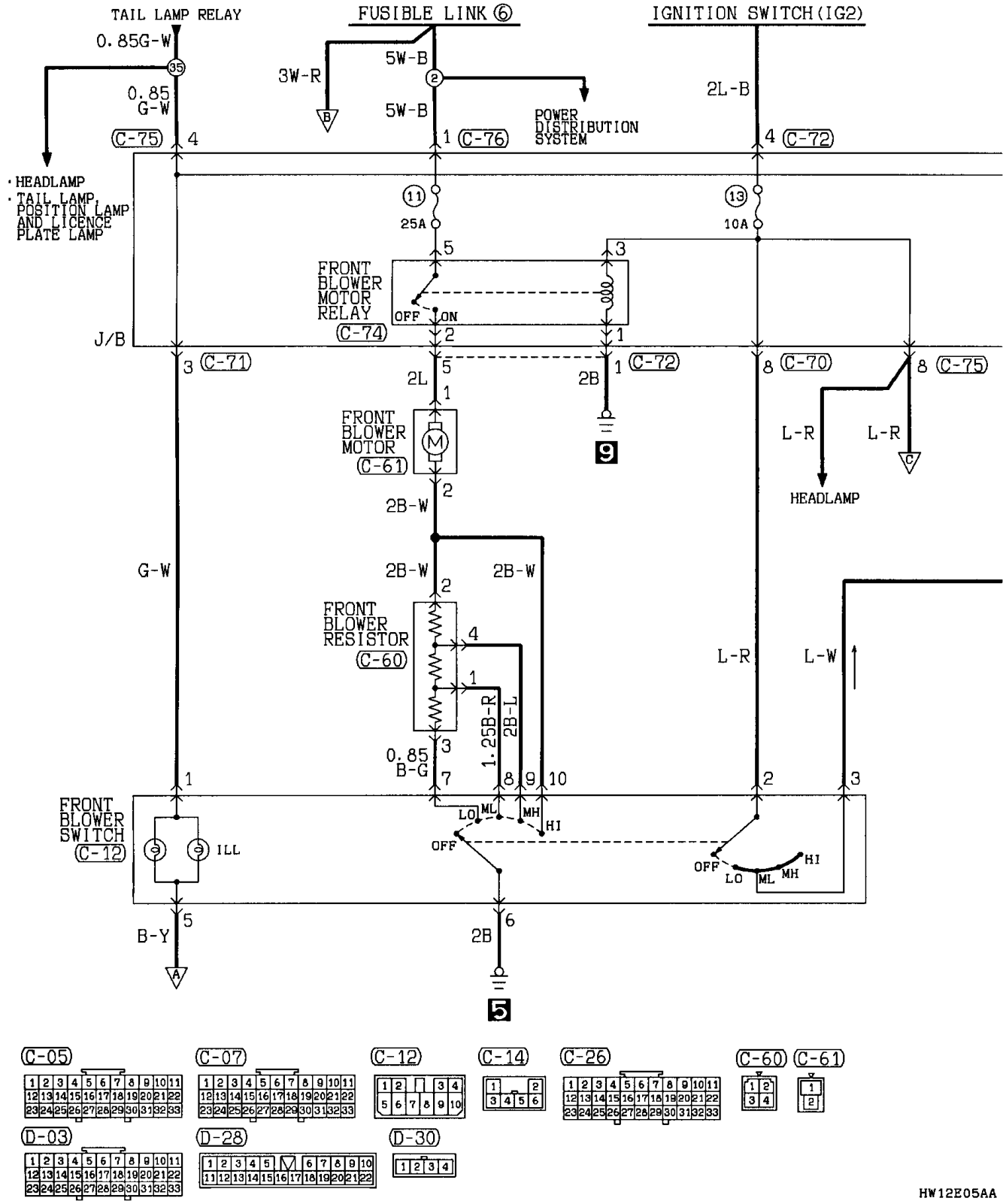


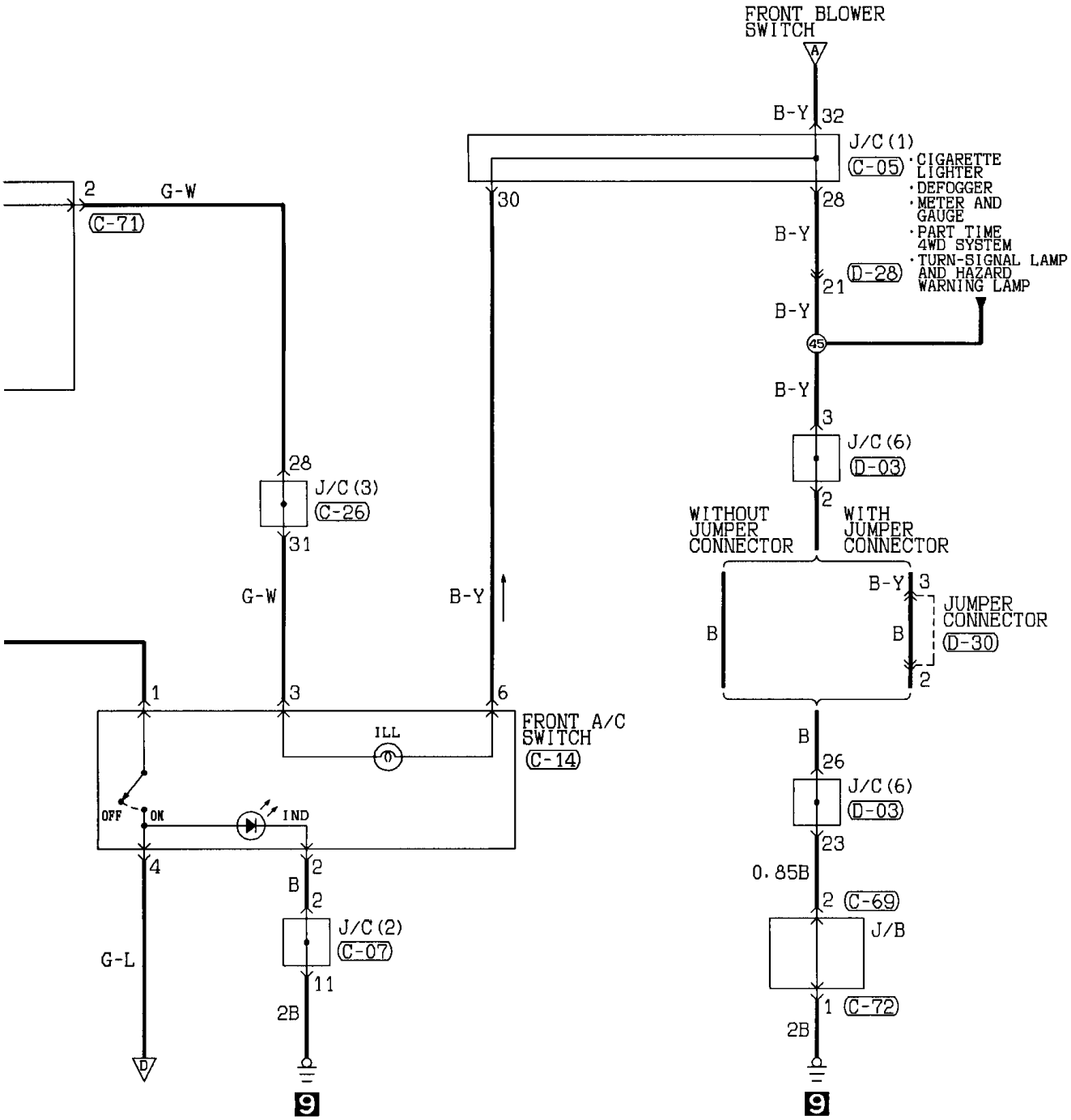
Wire colour code
B :Black LG:Light green G :Green L :Blue W :White Y :Yellow SB:Sky blue
BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

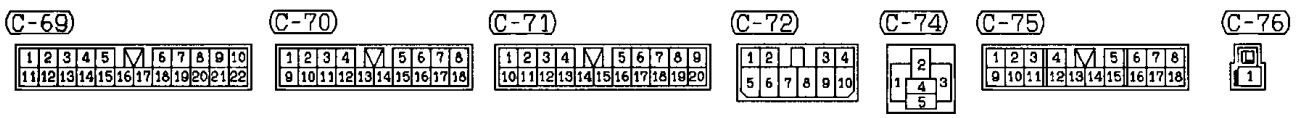
HW12E04BB

SINGLE AIR CONDITIONER

Diesel





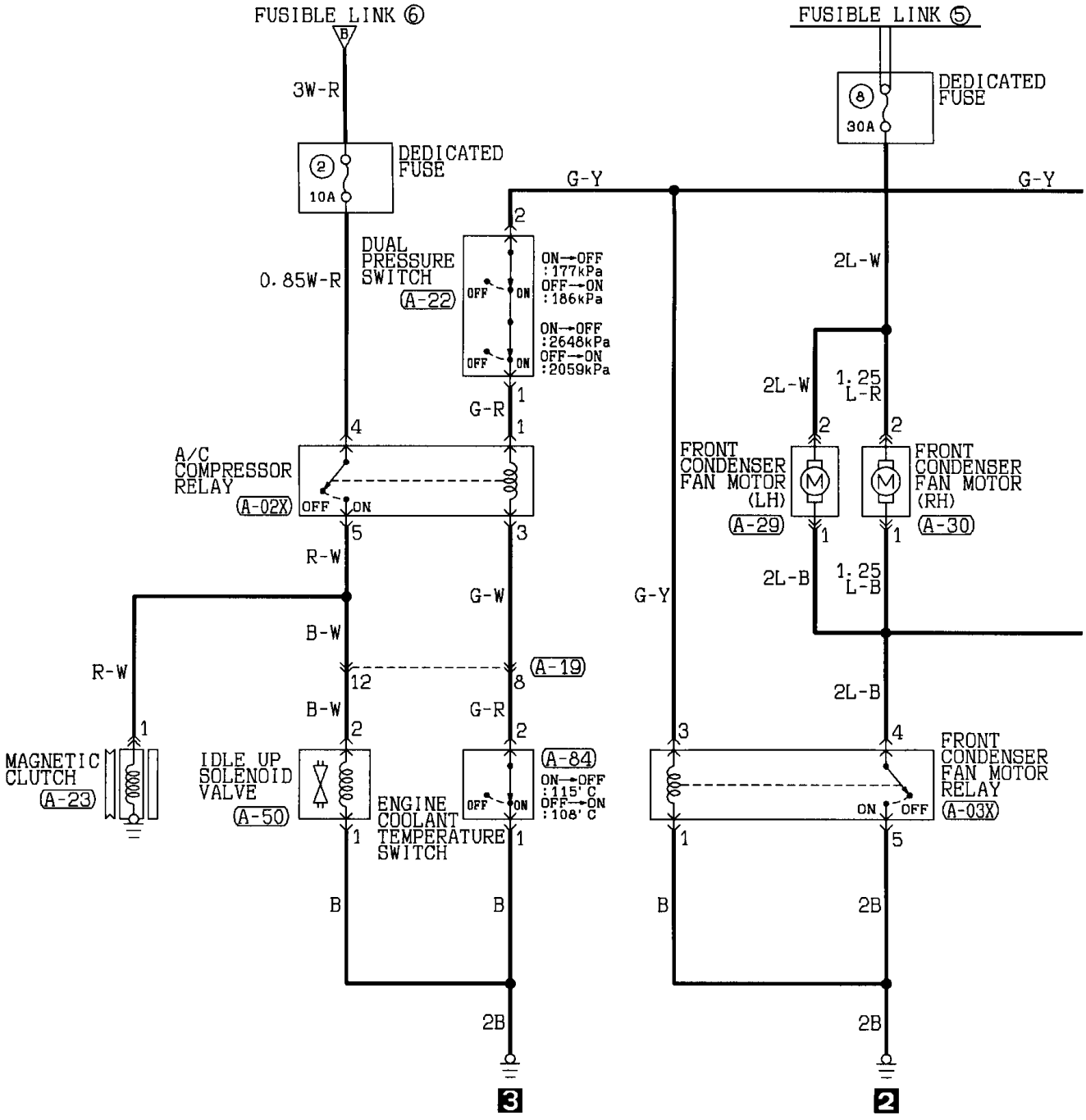


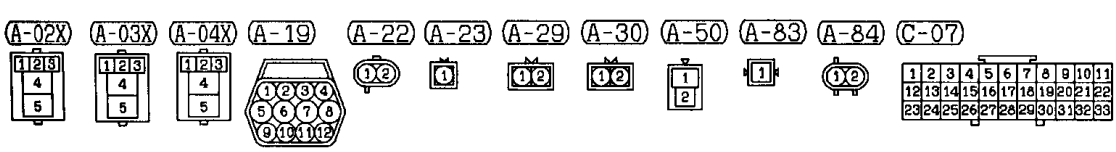
Wire colour code

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		

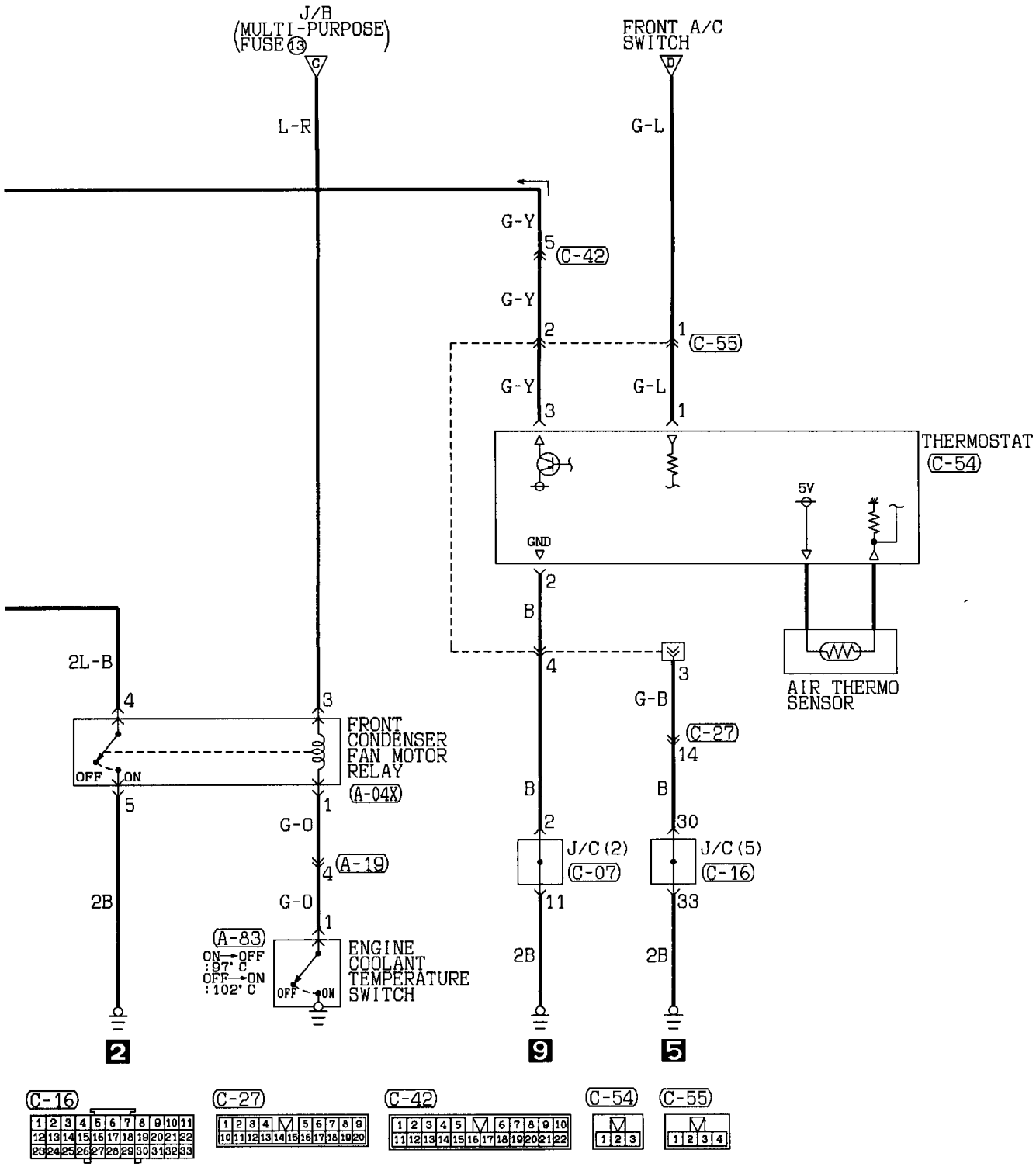
HW12E05AB

SINGLE AIR CONDITIONER <Diesel> (CONTINUED)





HW12E05BA



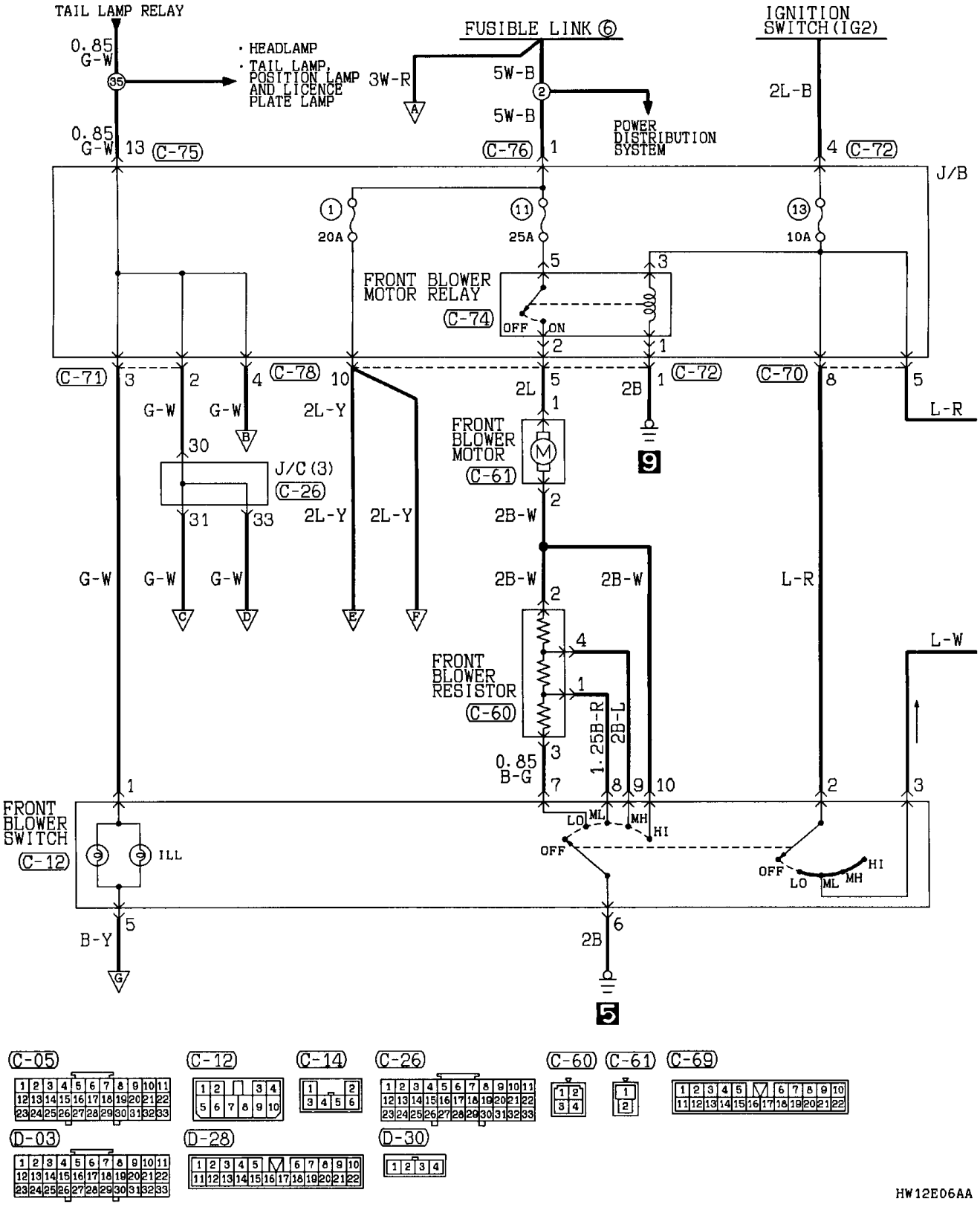
Wire colour code

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		

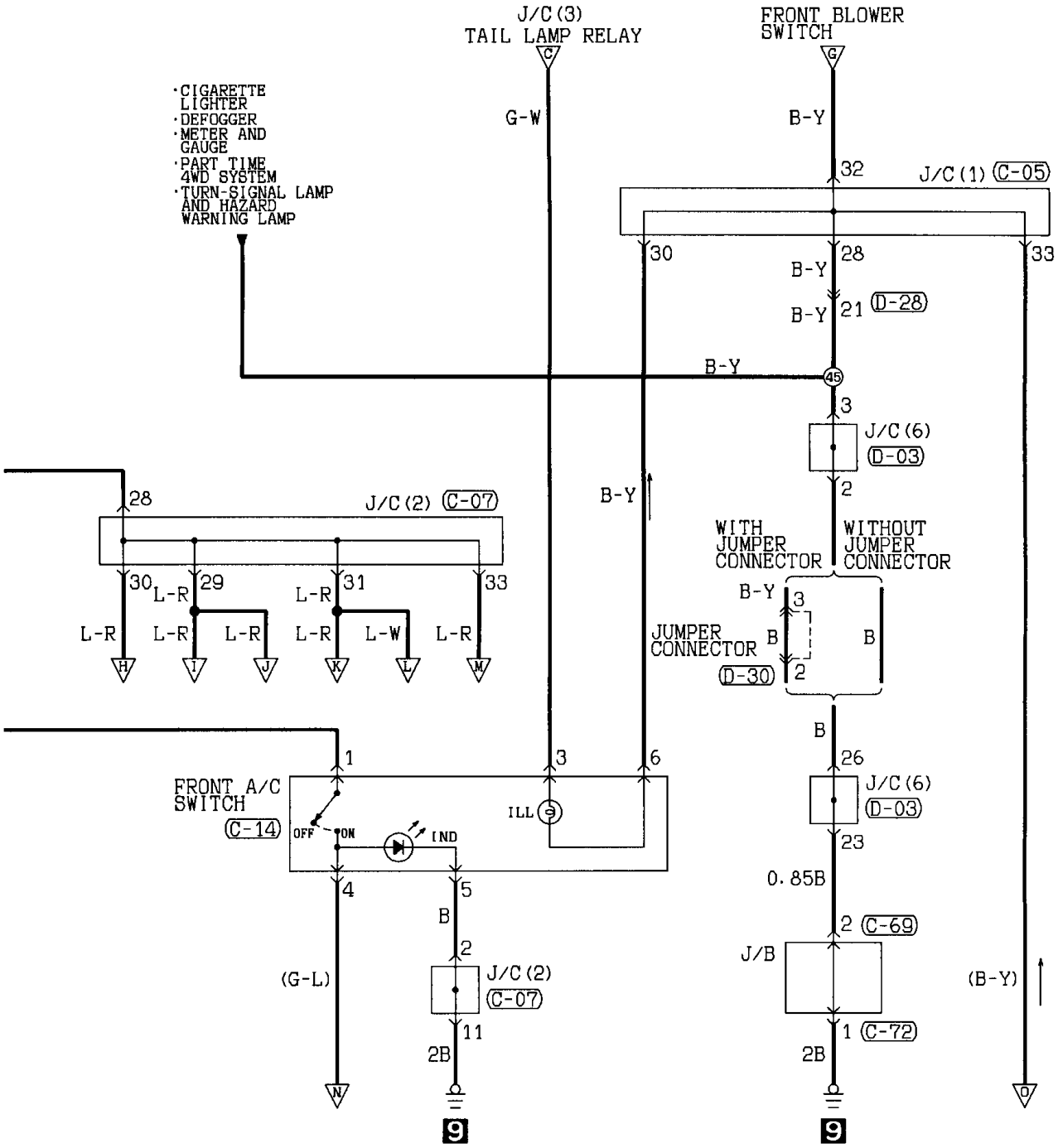
HW12E05BB

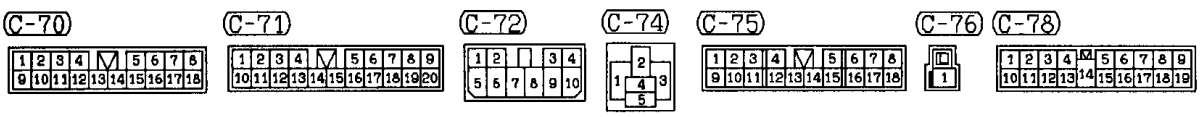
DUAL AIR CONDITIONER

Over head type (MPI)



HW12E06AA



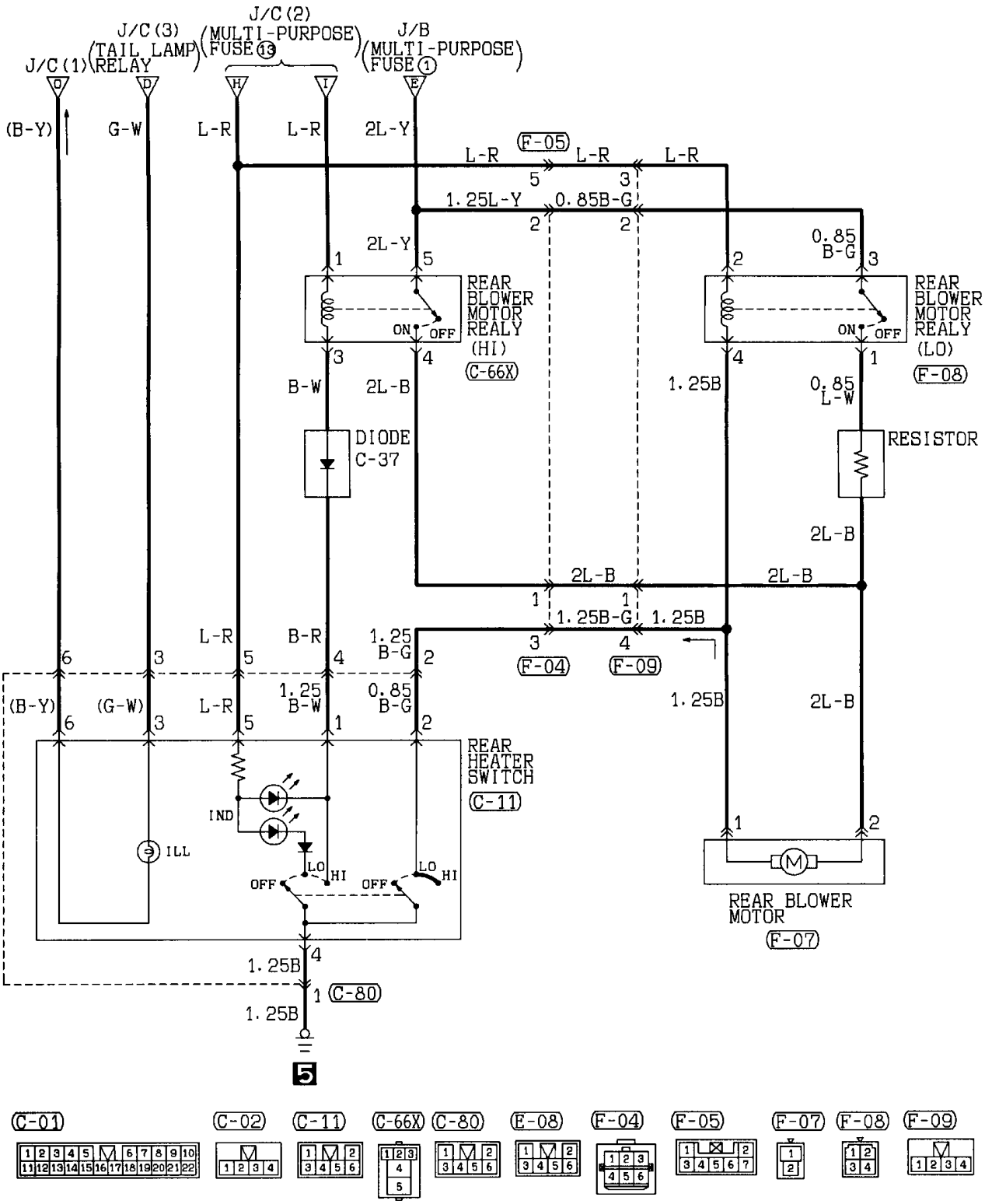


Wire colour code

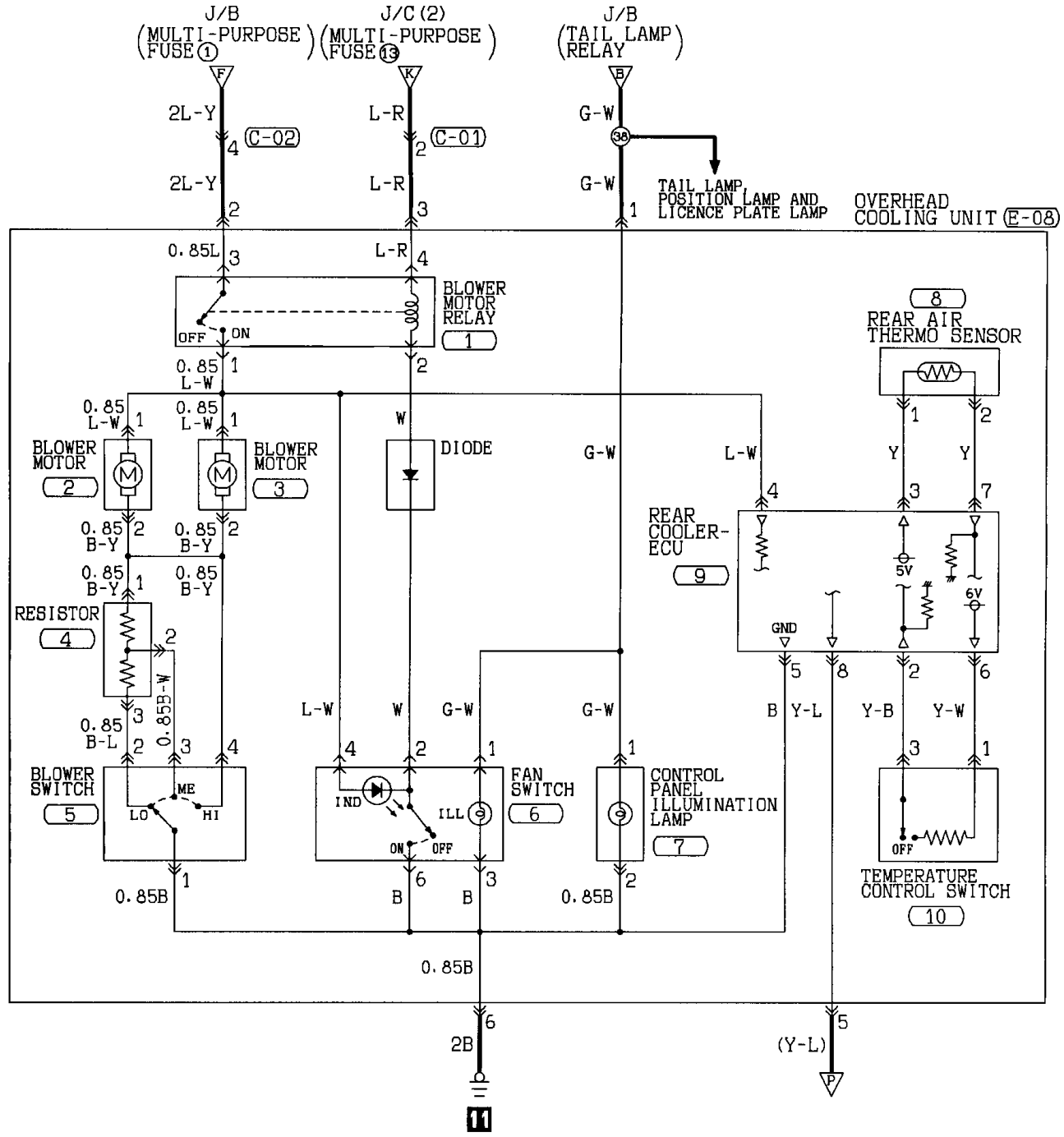
B :Black	LG:Light green	G :Green	L :Blue	W :White	Y :Yellow	SB:Sky blue	
BR:Brown	O :Orange	GR:Gray	R :Red	P :Pink	V :Violet		

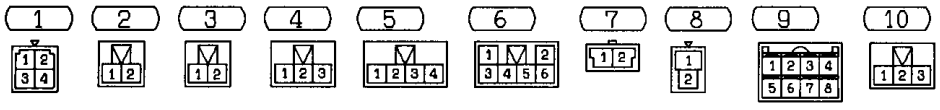
HW12E06AB

DUAL AIR CONDITIONER <Over head type (MPI)> (CONTINUED)



HW12E06BA



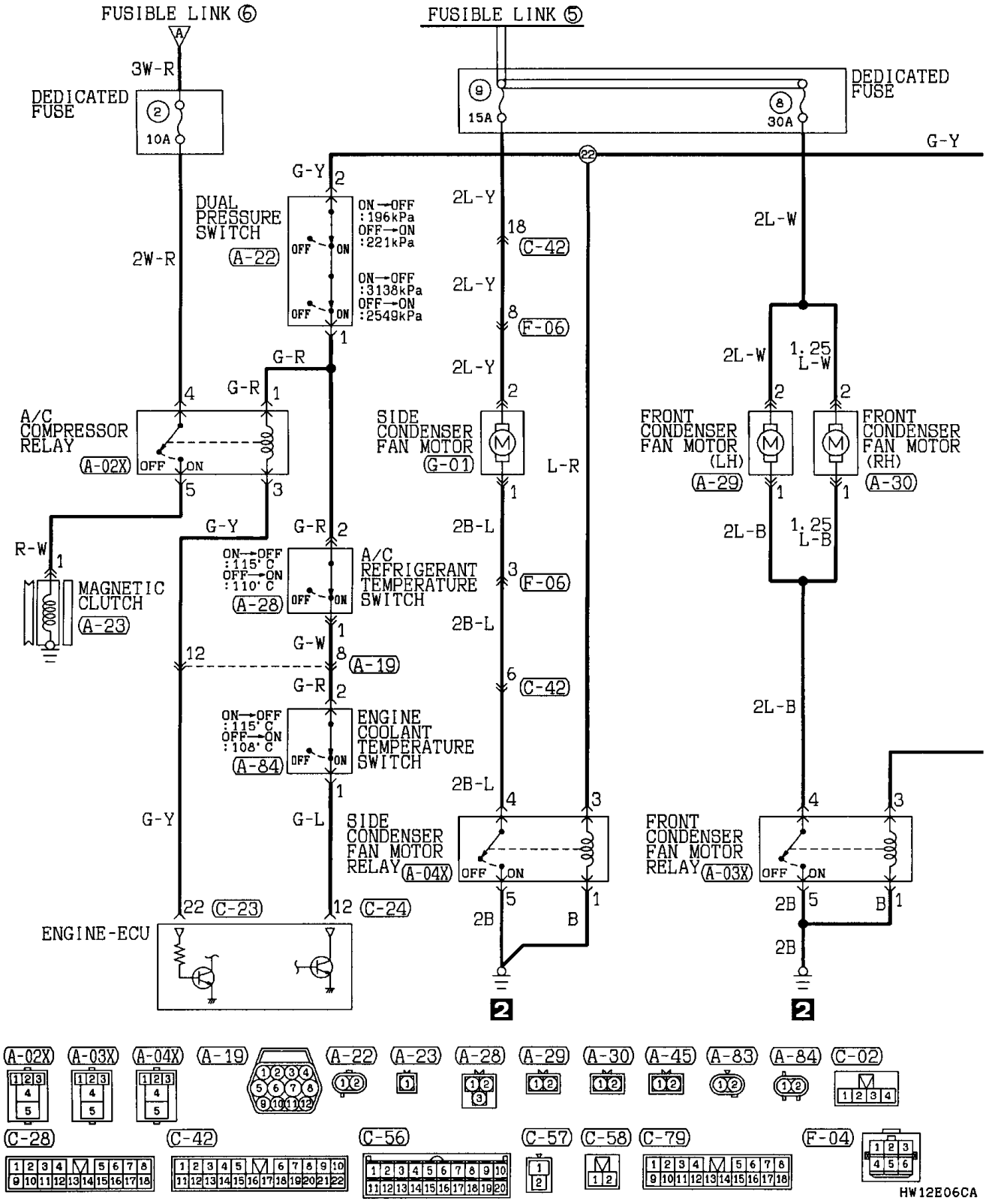


Wire colour code

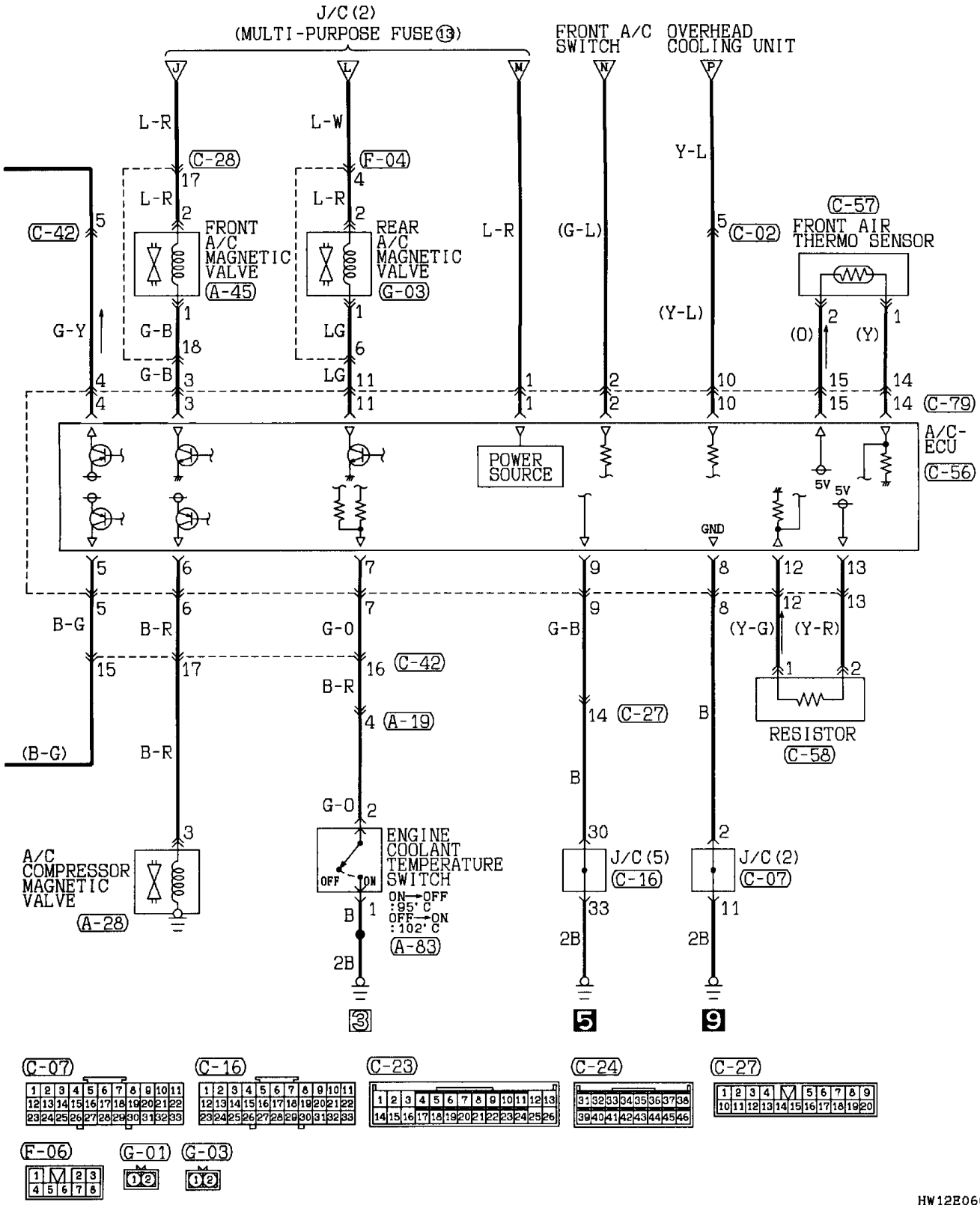
B :Black	LG:Light green	G :Green	L :Blue	W :White	Y :Yellow	SB:Sky blue	
BR:Brown	O :Orange	GR:Gray	R :Red	P :Pink	V :Violet		

HW12E06BB

DUAL AIR CONDITIONER <Over head type (MPI)> (CONTINUED)

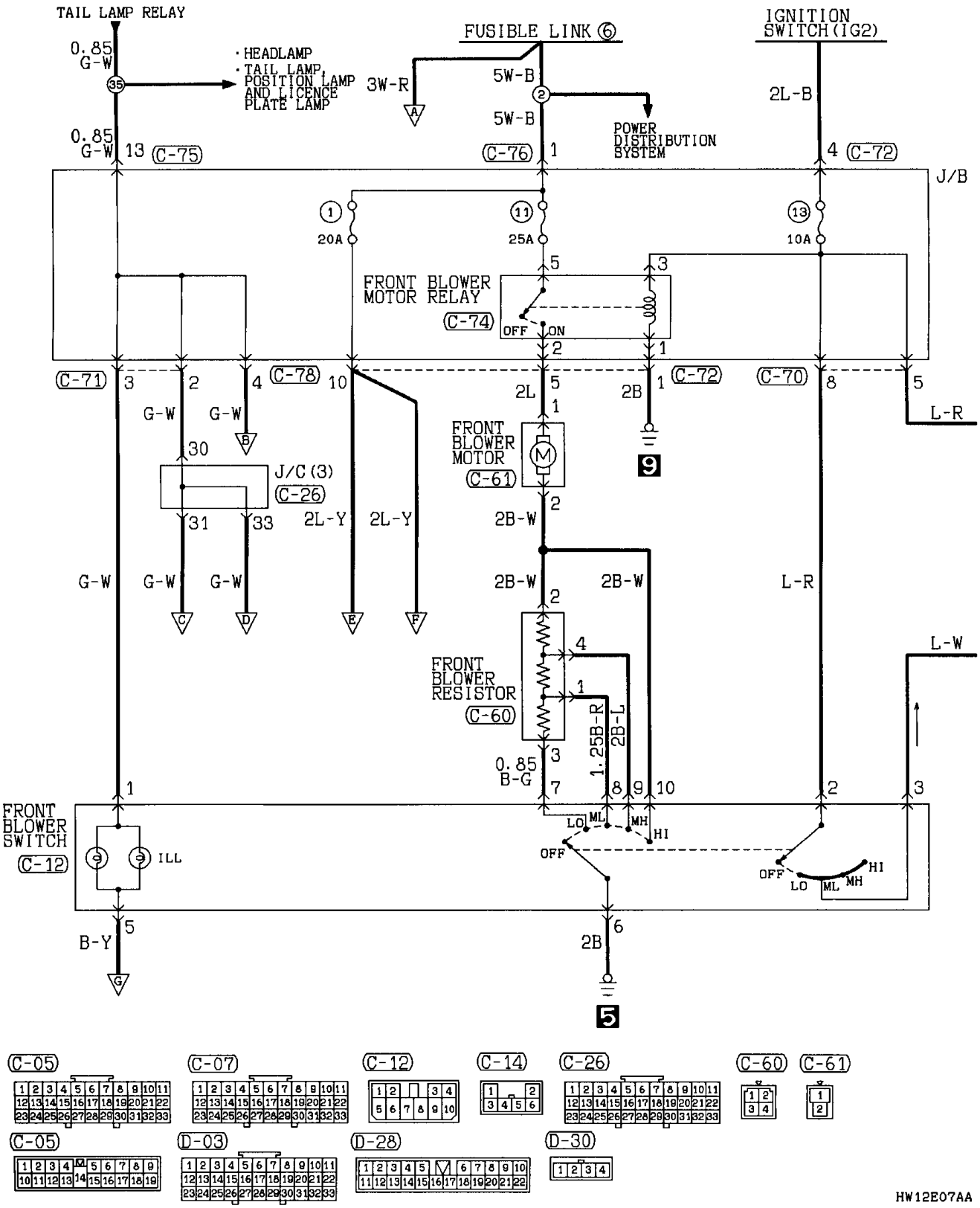


HW12E06CA

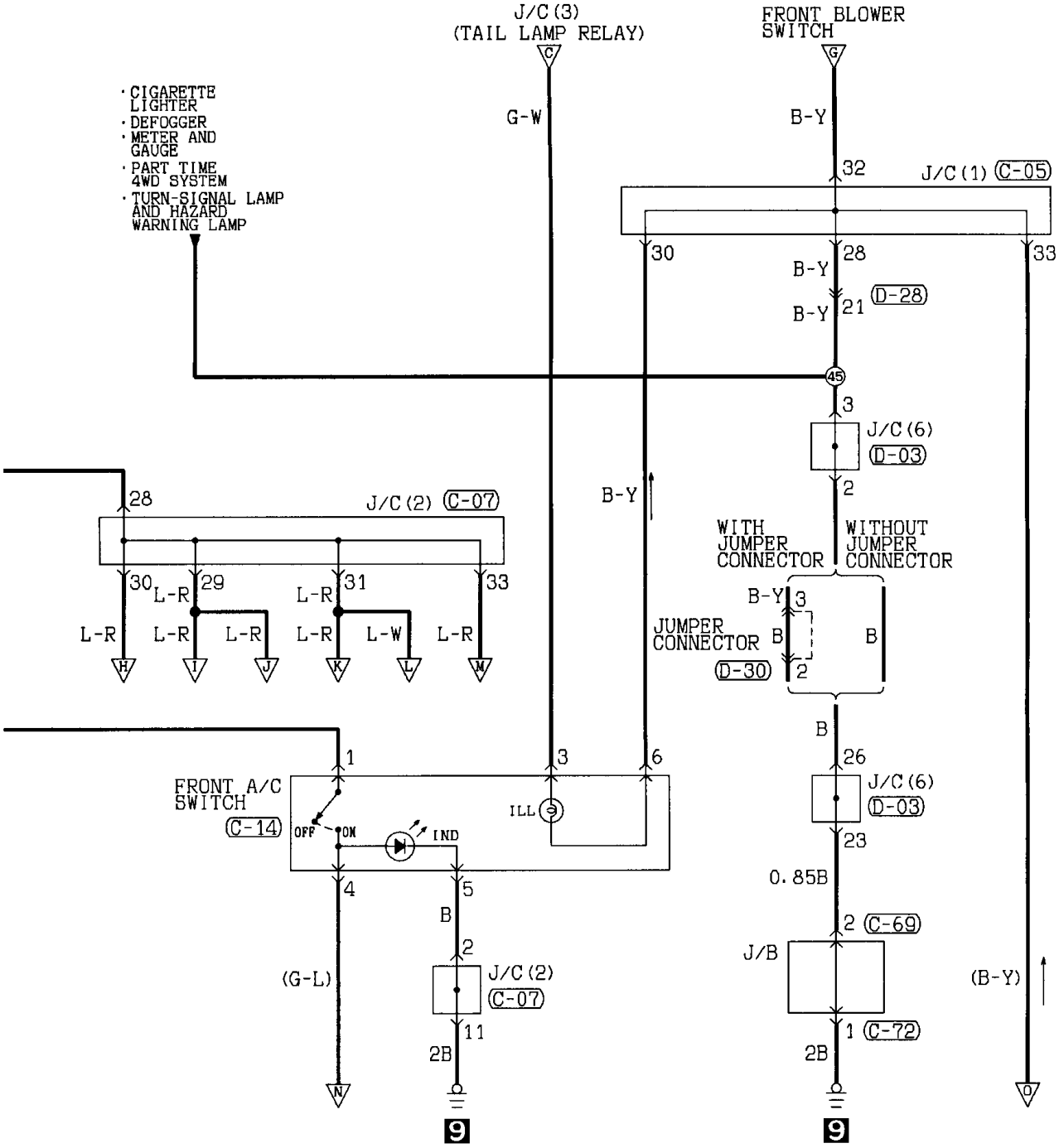

J/C (2)
(MULTI-PURPOSE FUSE ⑬)
FRONT A/C SWITCH
OVERHEAD COOLING UNIT
L-R
L-W
Y-L
C-28
F-04
C-02
C-57
FRONT AIR THERMO SENSOR
C-42
FRONT A/C MAGNETIC VALVE
A-45
REAR A/C MAGNETIC VALVE
G-03
L-R
(G-L)
(Y-L)
G-Y
G-B
LG
(O)
(Y)
C-79
A/C-ECU
C-56
POWER SOURCE
5V
GND
B-G
B-R
G-O
G-B
(Y-G)
(Y-R)
C-27
RESISTOR
C-58
(B-G)
A-19
A/C COMPRESSOR MAGNETIC VALVE
A-28
ENGINE COOLANT TEMPERATURE SWITCH
ON→OFF :95°C
OFF→ON :102°C
A-83
J/C (5)
C-16
J/C (2)
C-07
2B
B
3
5
9
C-07
C-16
C-23
C-24
C-27
F-06
G-01
G-03
HW12E06CB

DUAL AIR CONDITIONER

Over head type (Diesel)



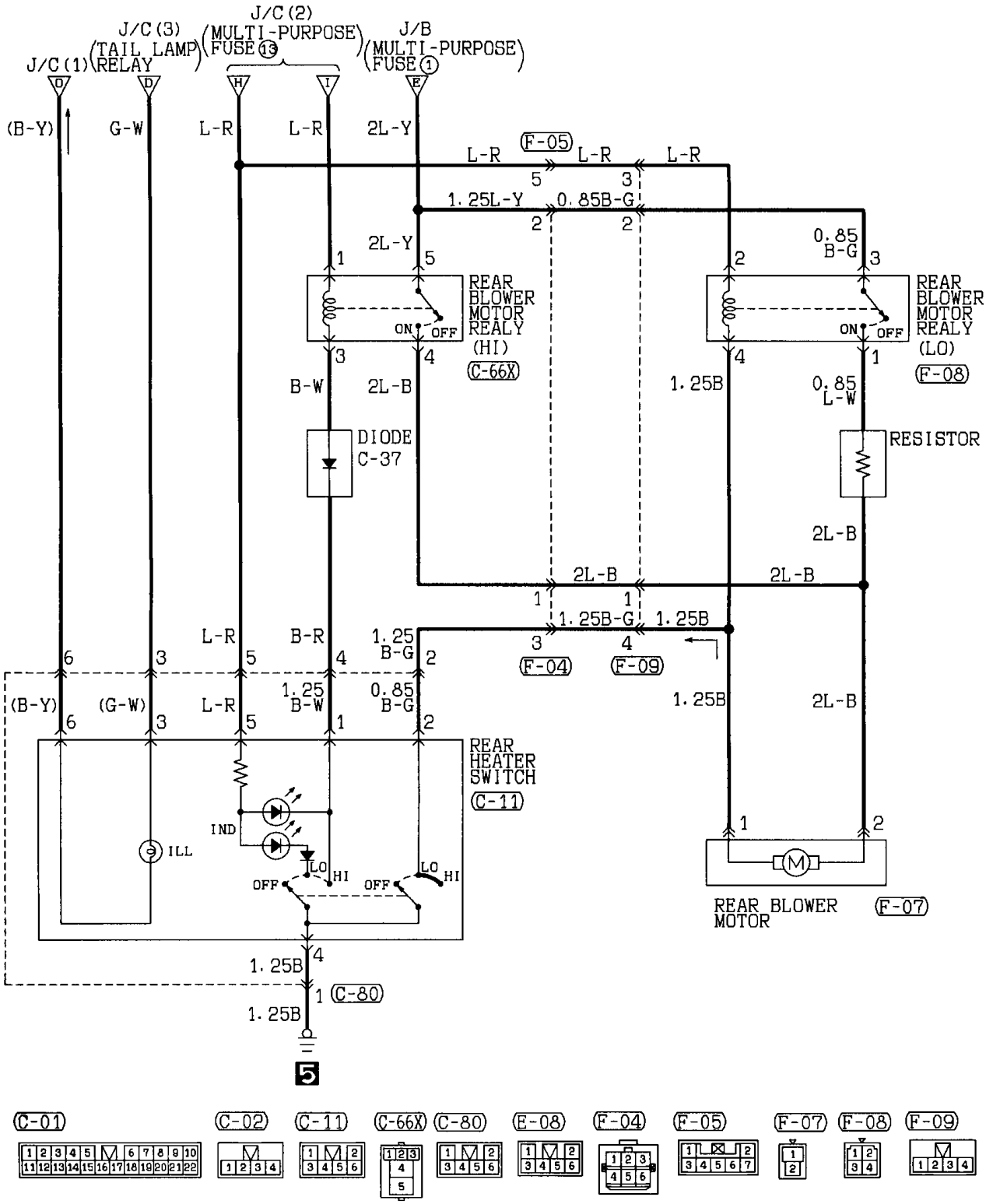
HW12E07AA



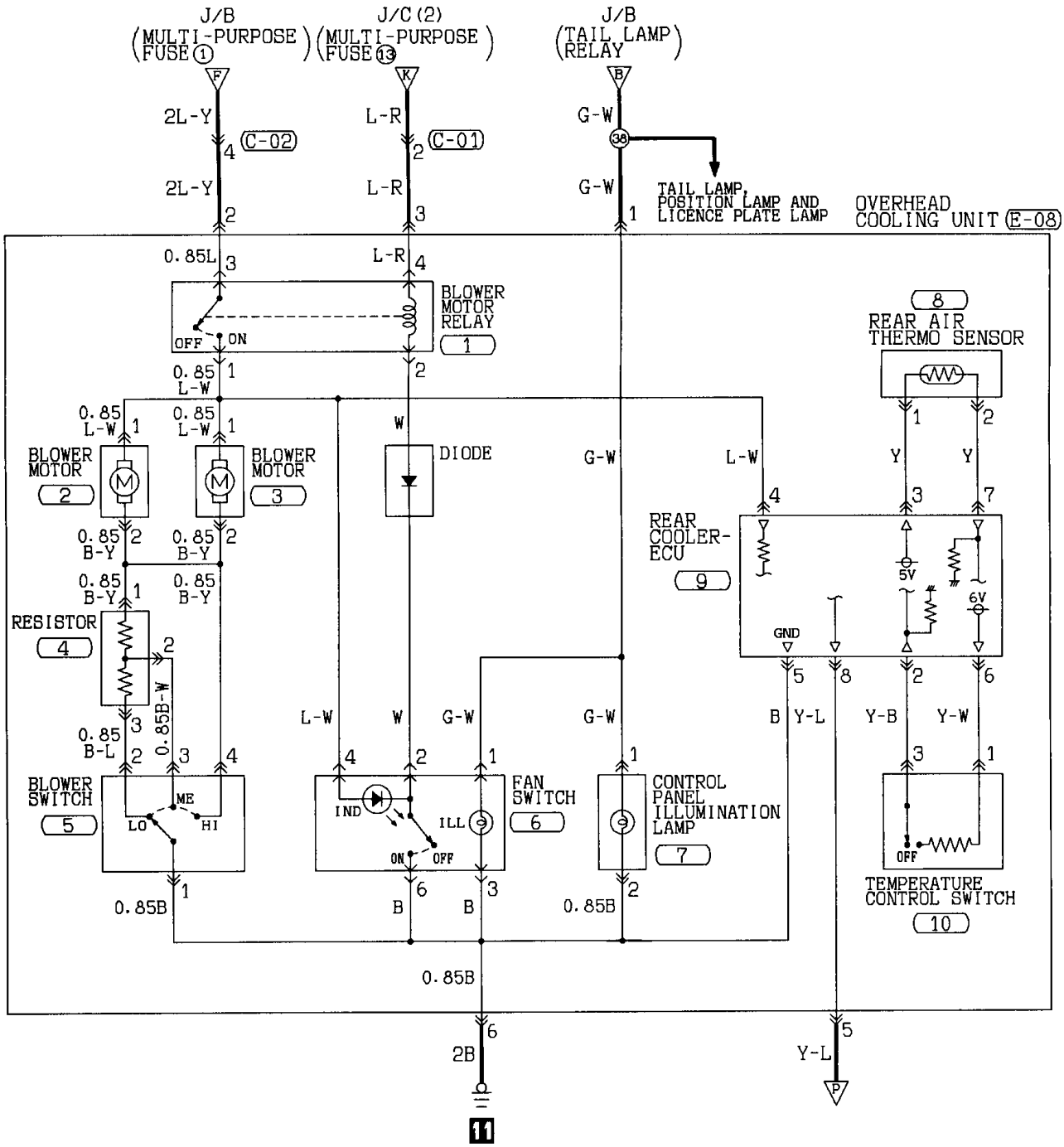
Wire colour code
B :Black LG:Light green G :Green L :Blue W :White Y :Yellow SB:Sky blue
BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

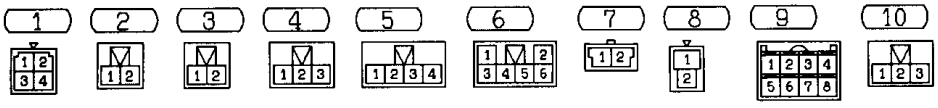
HW12E07AB

DUAL AIR CONDITIONER <Over head type (Diesel)> (CONTINUED)



HW12E07BA

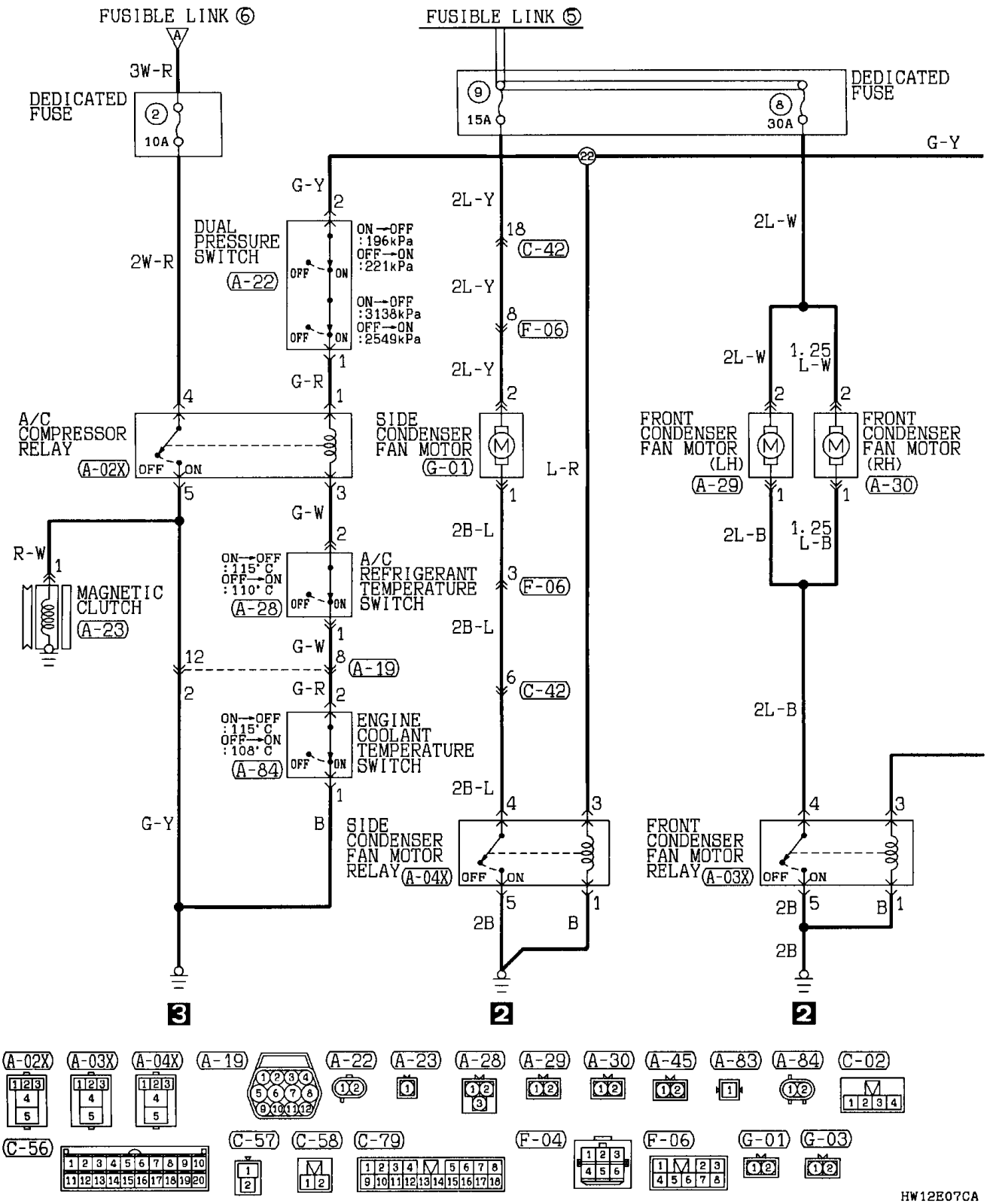




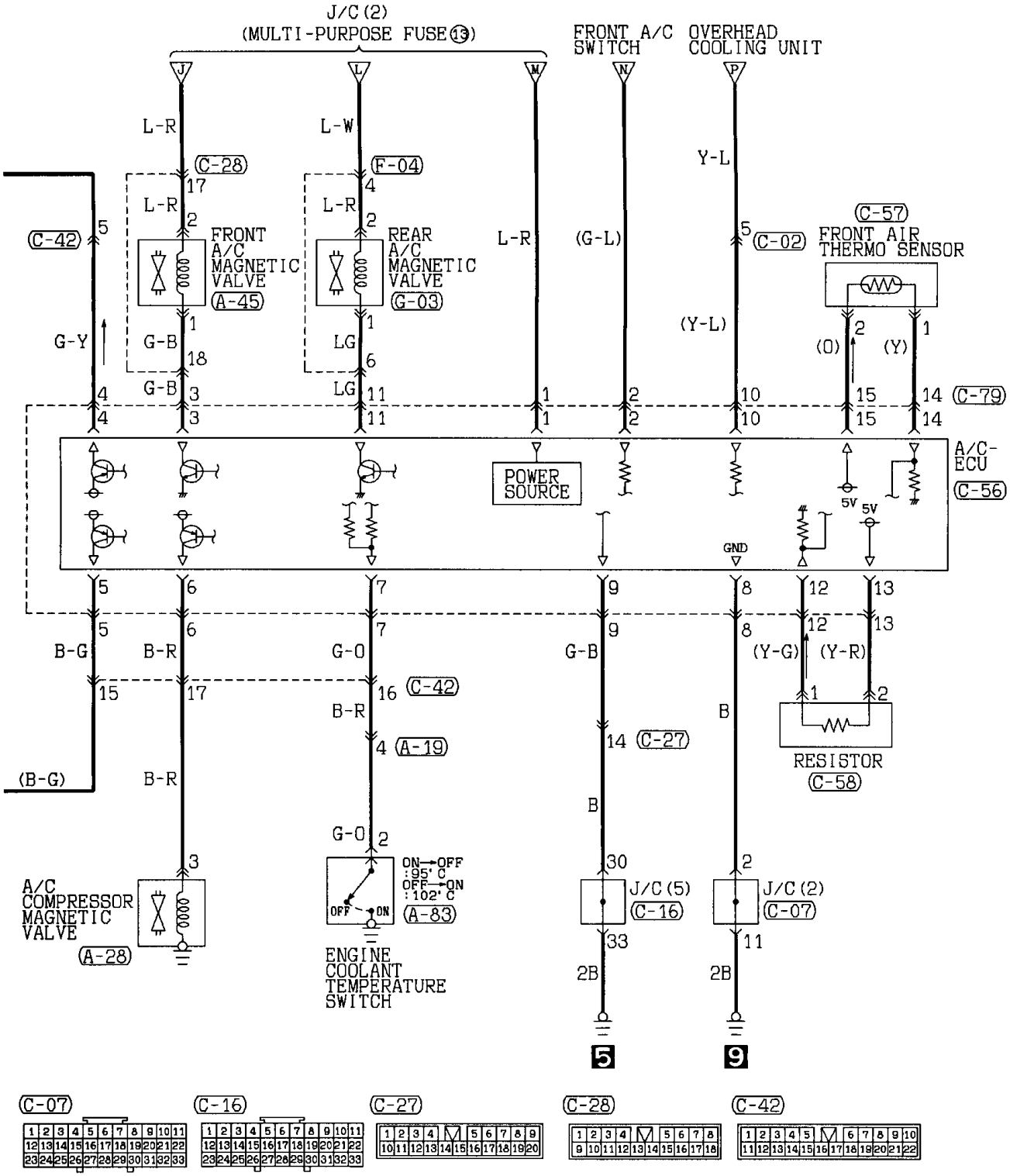
Wire colour code
B :Black LG:Light green G :Green L :Blue W :White Y :Yellow SB:Sky blue
BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

HW12E07BB

DUAL AIR CONDITIONER <Over head type (Diesel)> (CONTINUED)



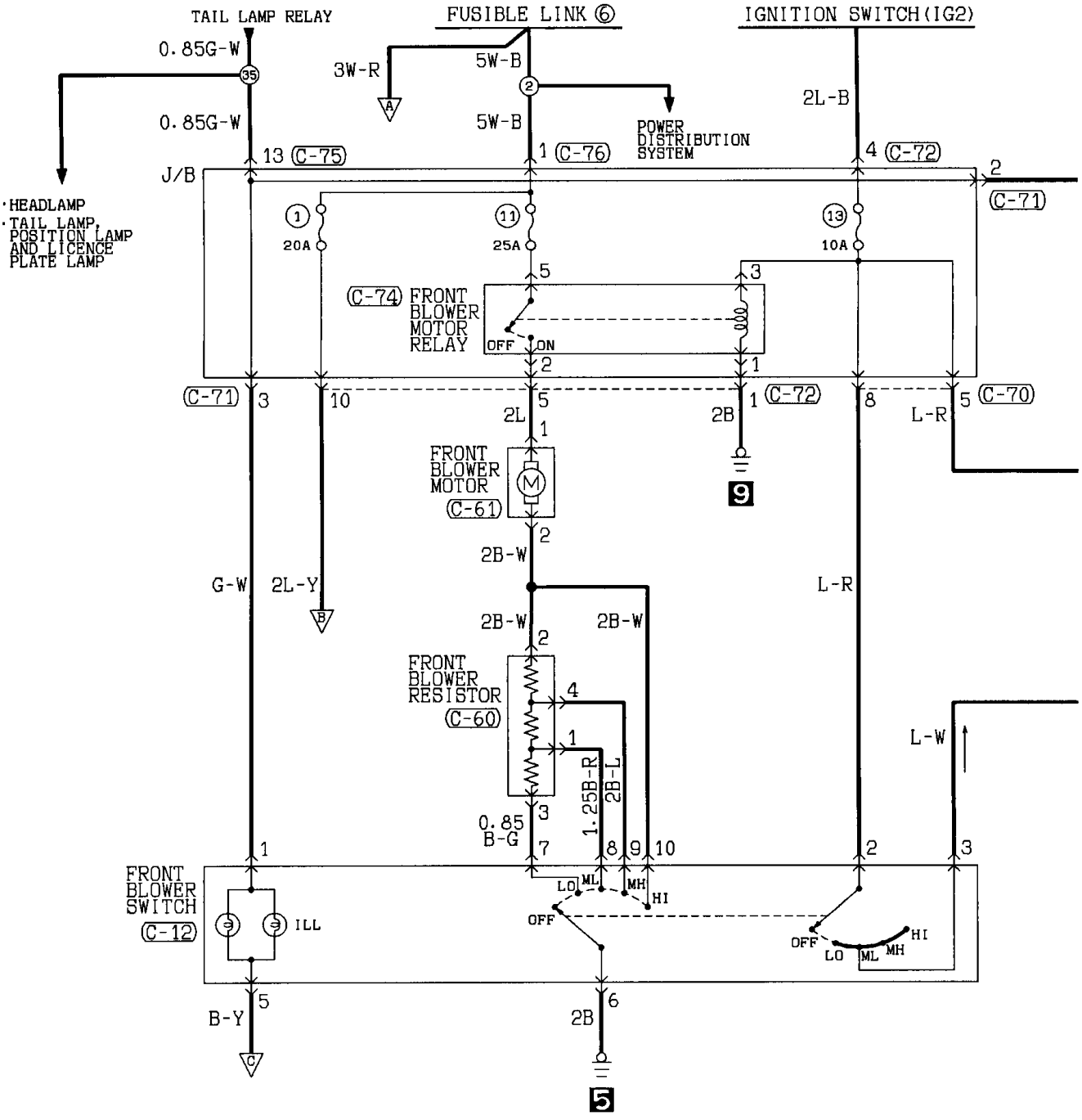
HW12E07CA


J/C (2)
(MULTI-PURPOSE FUSE 13)
FRONT A/C SWITCH
OVERHEAD COOLING UNIT
L-R
L-W
Y-L
C-28
F-04
C-57
FRONT AIR THERMO SENSOR
FRONT A/C MAGNETIC VALVE
A-45
REAR A/C MAGNETIC VALVE
G-03
C-42
C-02
G-Y
G-B
LG
(G-L)
(Y-L)
(O)
(Y)
C-79
POWER SOURCE
A/C-ECU
C-56
5V
GND
B-G
B-R
G-O
G-B
(Y-G)
(Y-R)
B
RESISTOR
C-58
C-27
A/C COMPRESSOR MAGNETIC VALVE
A-28
ON→OFF : 95° C
OFF→ON : 102° C
A-83
A-19
ENGINE COOLANT TEMPERATURE SWITCH
J/C (5)
C-16
J/C (2)
C-07
2B
5
9
C-07
C-16
C-27
C-28
C-42

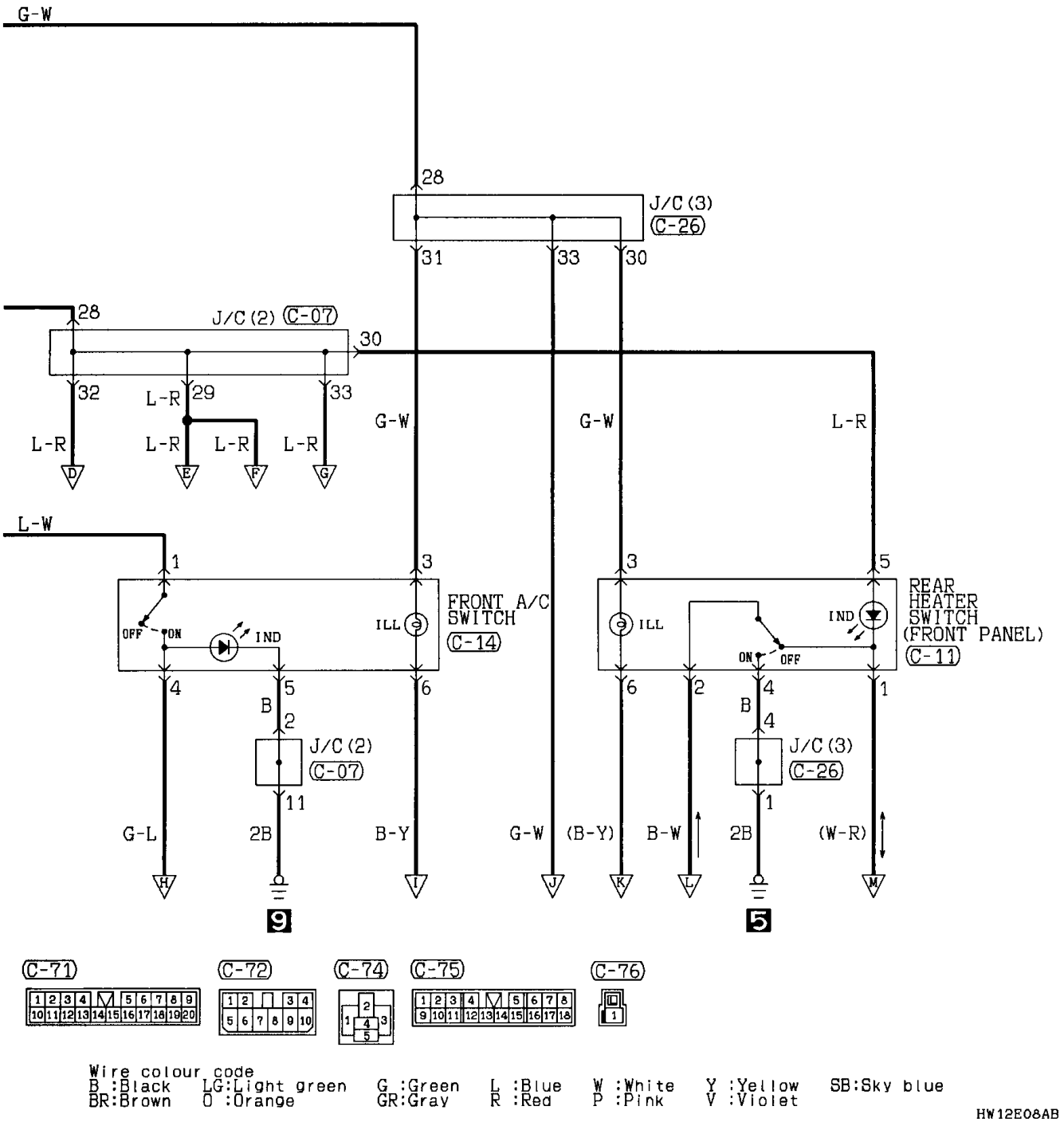
HW12E07CB

DUAL AIR CONDITIONER

Built-in type



HW12E08AA

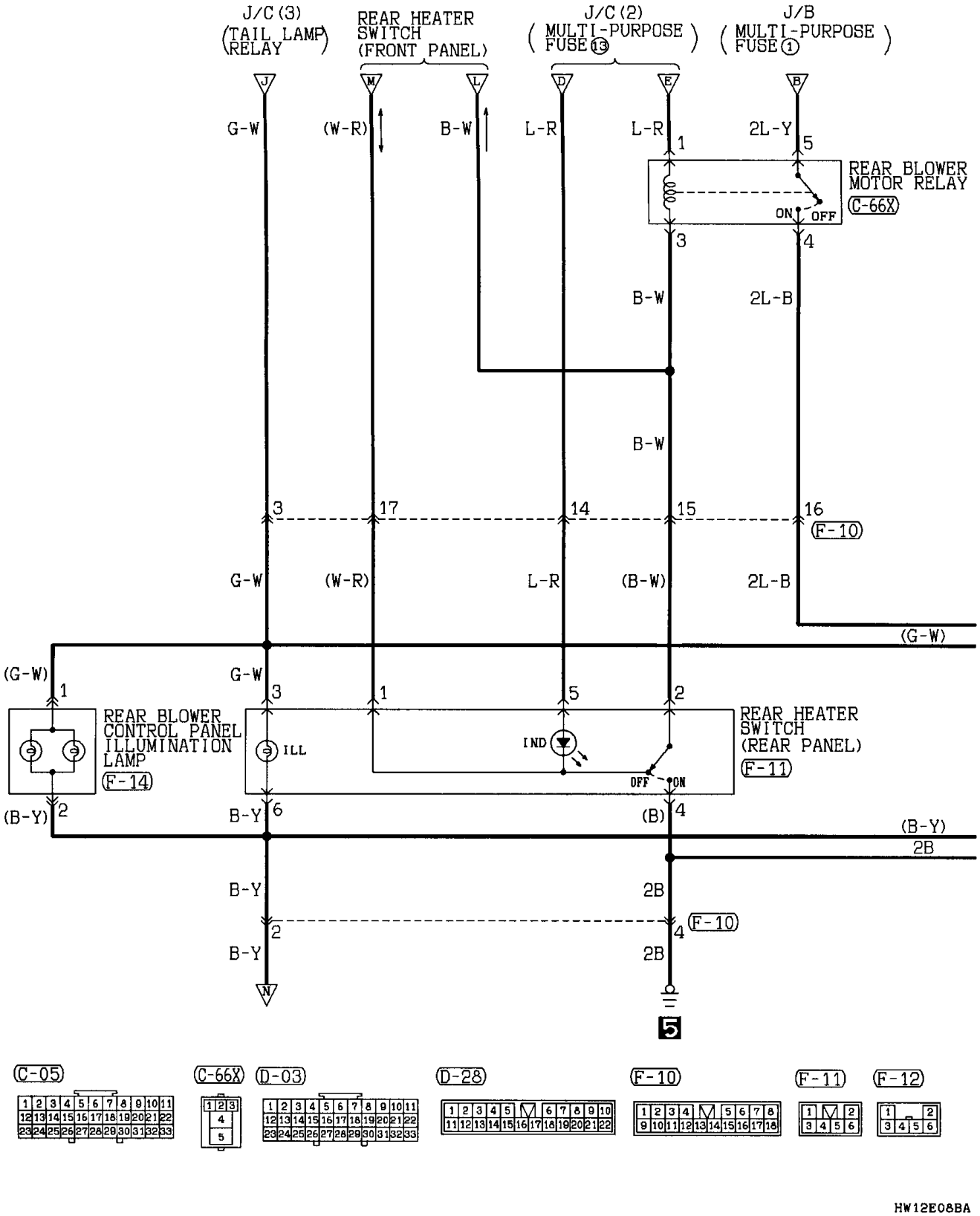


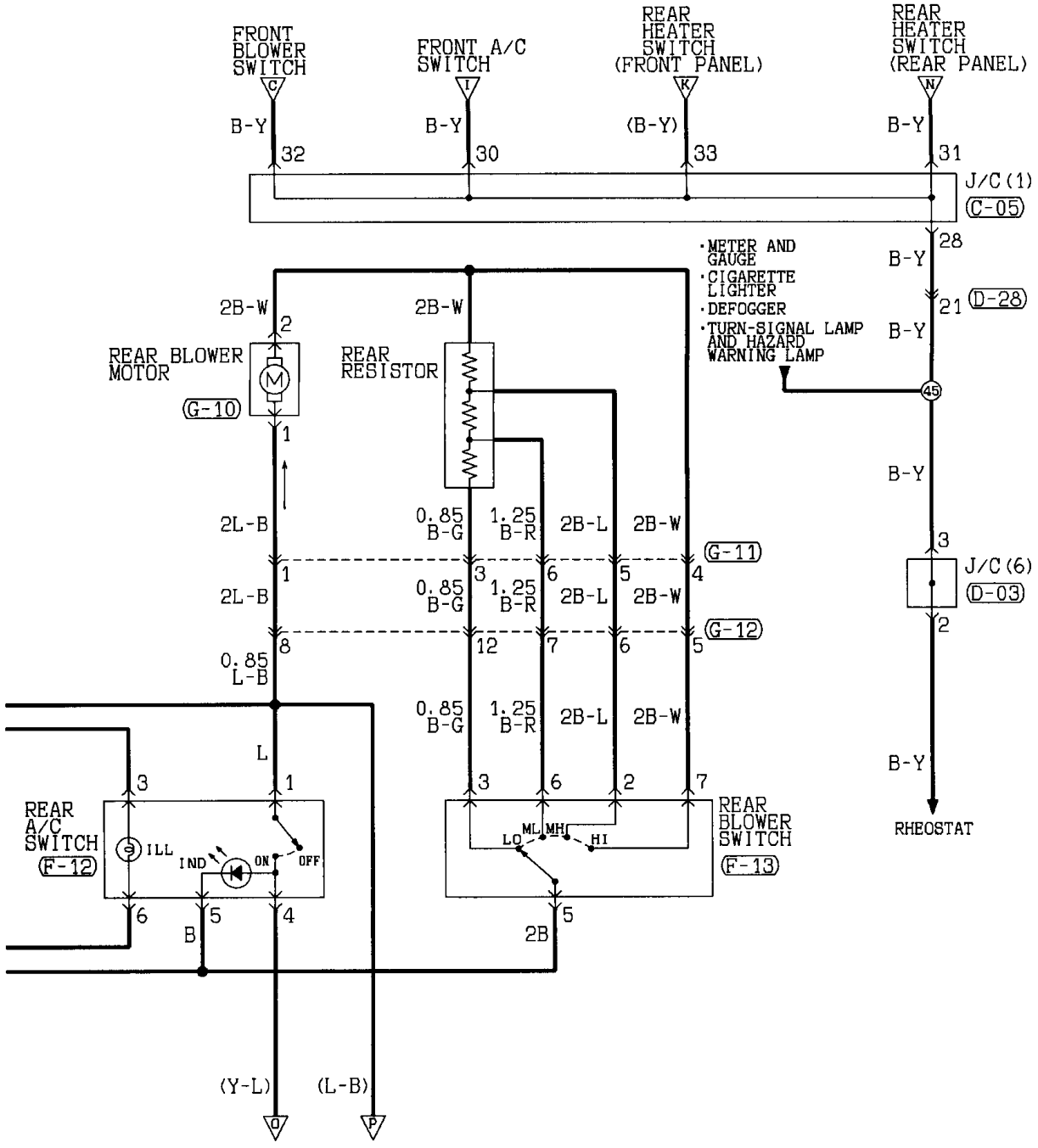
Wire colour code

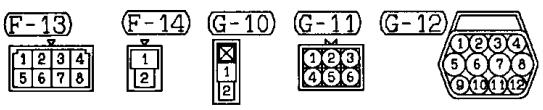
B :Black	LG:Light green	G :Green	L :Blue	W :White	Y :Yellow	SB:Sky blue	
BR:Brown	O :Orange	GR:Gray	R :Red	P :Pink	V :Violet		

HW12E08AB

DUAL AIR CONDITIONER <Built-in type> (CONTINUED)





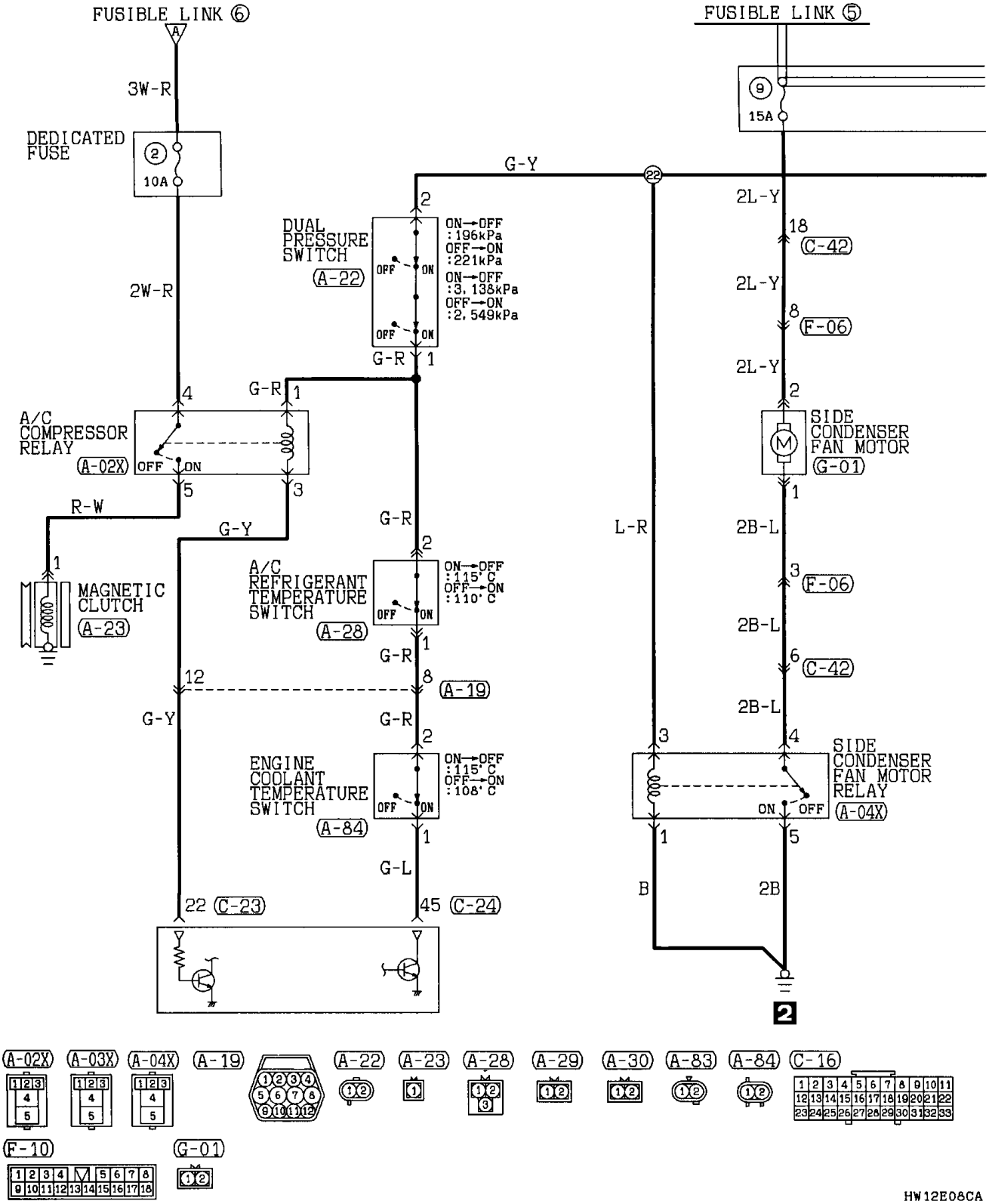


Wire colour code

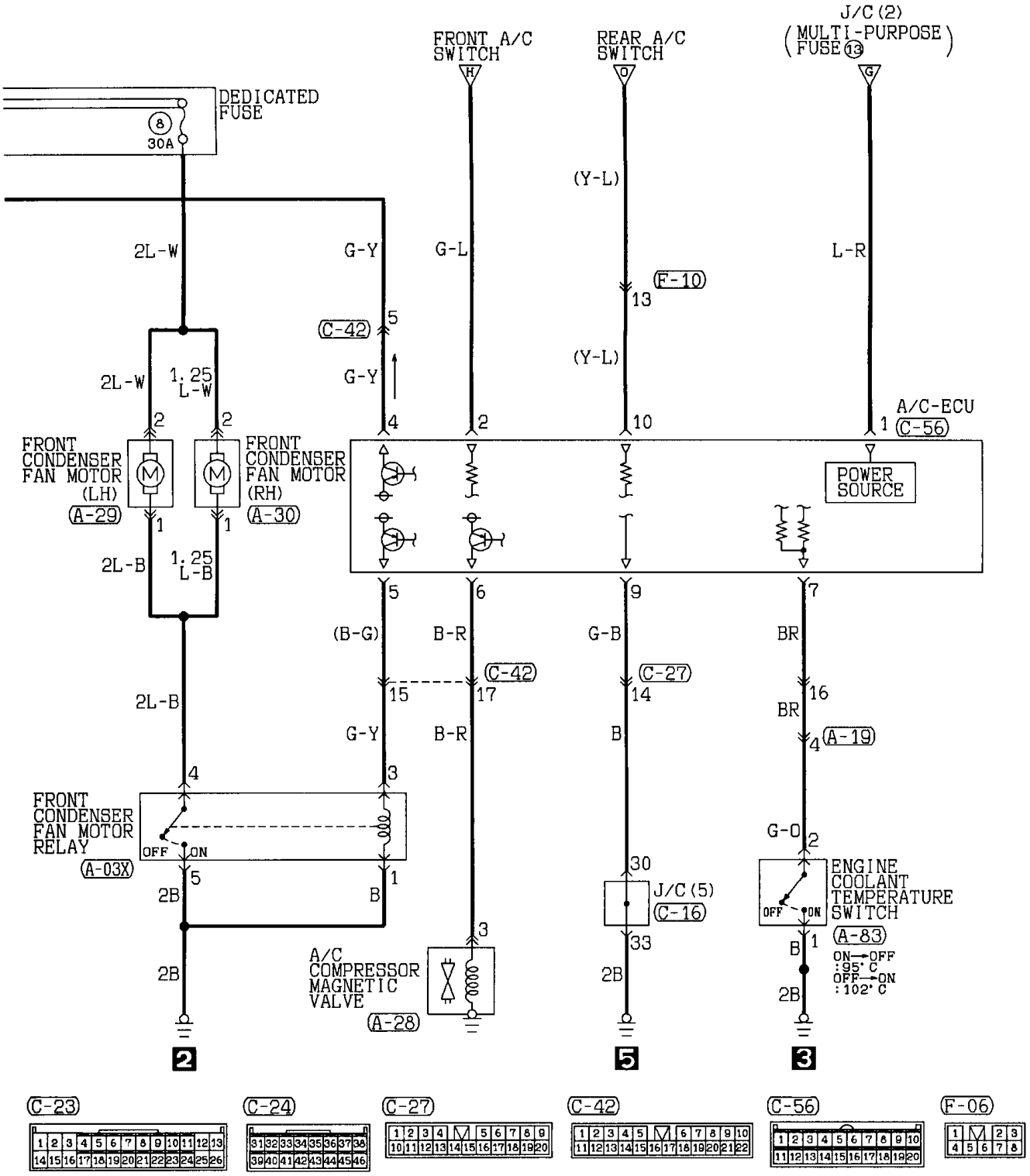
B :Black	LG:Light green	G :Green	L :Blue	W :White	Y :Yellow	SB:Sky blue	
BR:Brown	O :Orange	GR:Gray	R :Red	P :Pink	V :Violet		

HW12E08BB

DUAL AIR CONDITIONER <Built-in type> (CONTINUED)

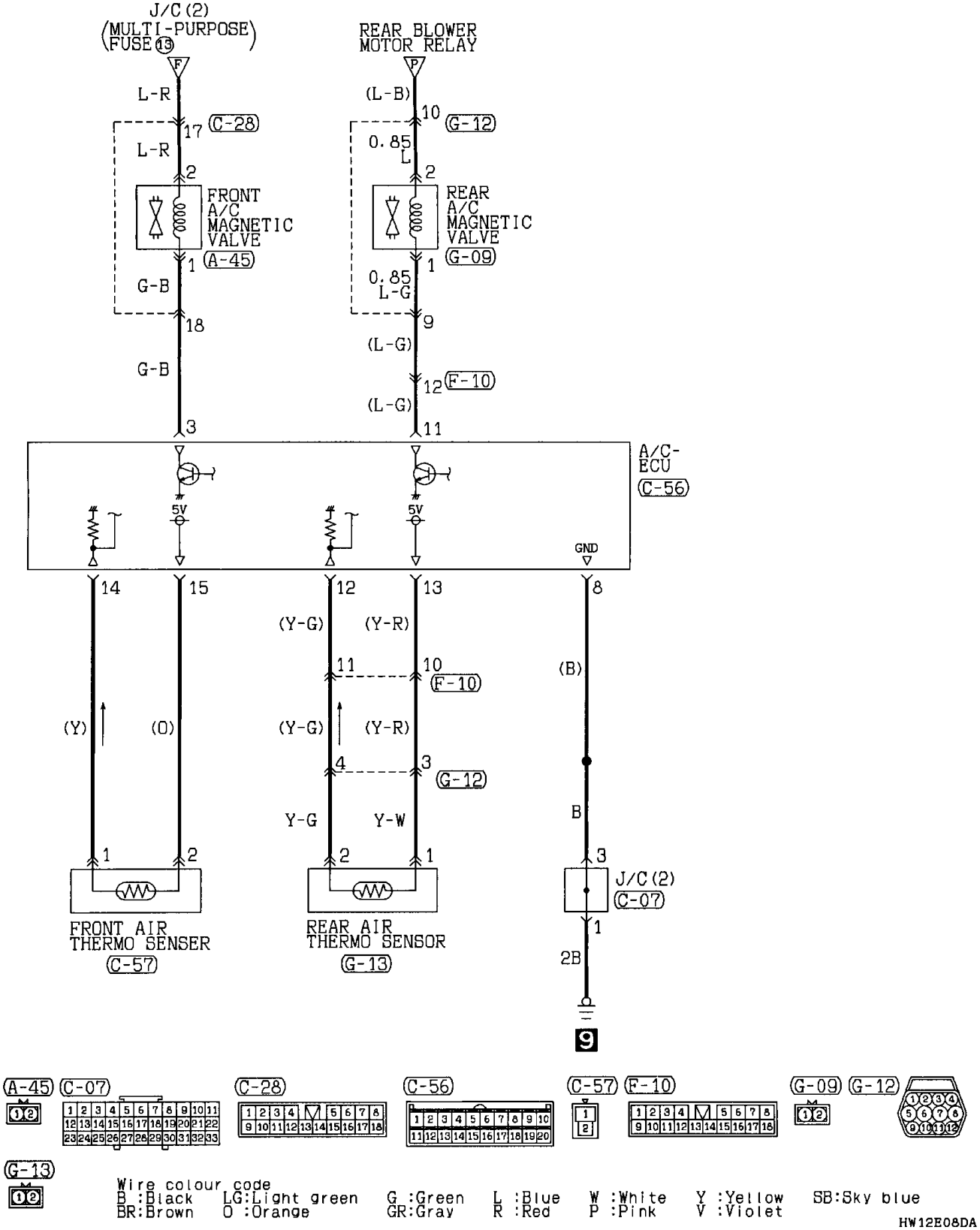


HW12E08CA


DEDICATED FUSE
8
30A
FRONT A/C SWITCH
REAR A/C SWITCH
J/C (2)
(MULTI-PURPOSE FUSE 13)
2L-W
G-Y
G-L
(Y-L)
L-R
F-10
13
C-42
5
2L-W
1.25 L-W
G-Y
(Y-L)
A/C-ECU
C-56
FRONT CONDENSER FAN MOTOR (LH)
A-29
FRONT CONDENSER FAN MOTOR (RH)
A-30
POWER SOURCE
2L-B
1.25 L-B
(B-G)
B-R
G-B
BR
C-42
C-27
2L-B
G-Y
B-R
B
BR
A-19
FRONT CONDENSER FAN MOTOR RELAY
A-03X
OFF
ON
2B
B
G-O
ENGINE COOLANT TEMPERATURE SWITCH
A-83
J/C (5)
C-16
ON→OFF :95°C
OFF→ON :102°C
A/C COMPRESSOR MAGNETIC VALVE
A-28
2
5
3
C-23
C-24
C-27
C-42
C-56
F-06

HW12E08CB

DUAL AIR CONDITIONER <Built-in type> (CONTINUED)

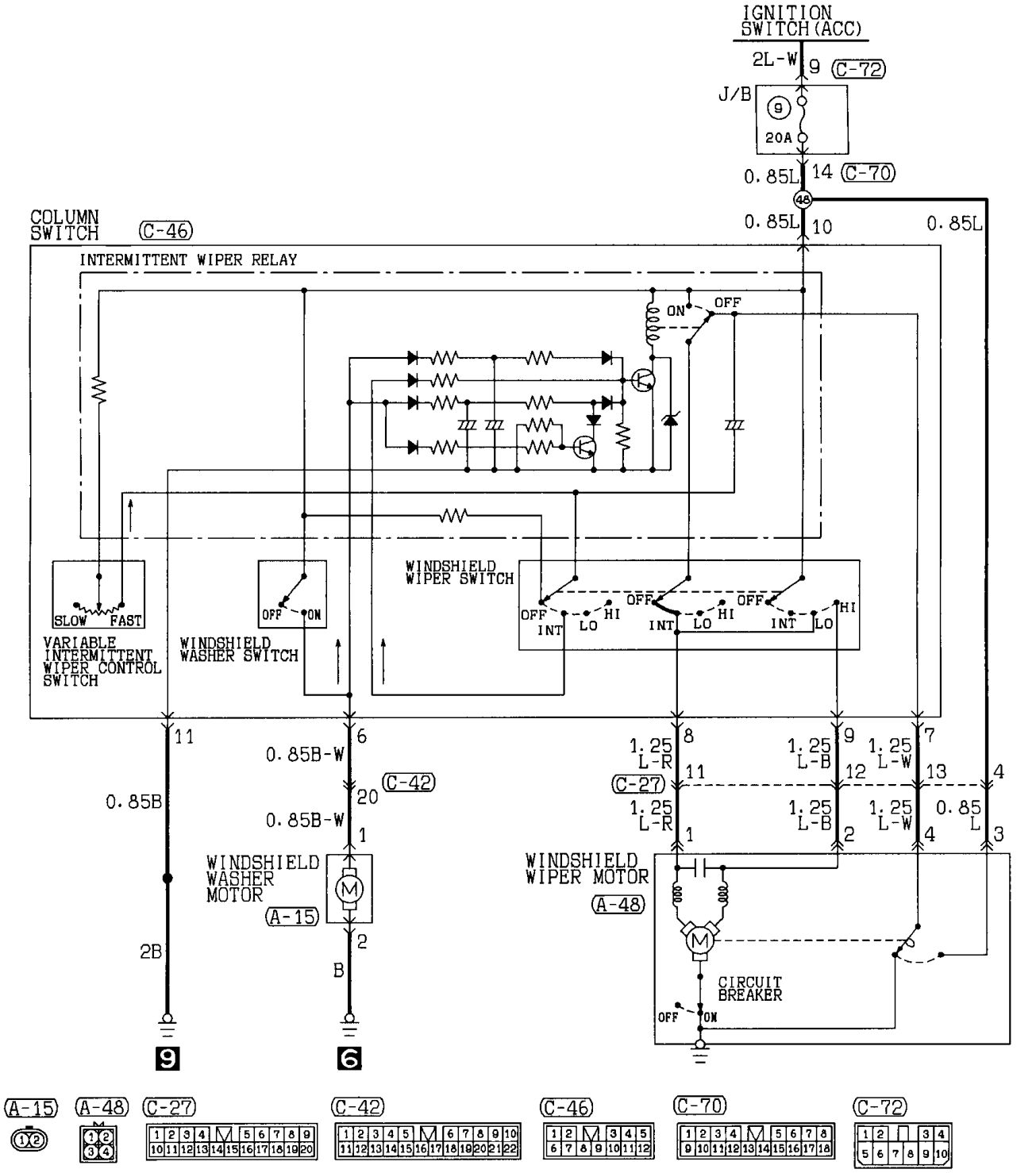


HW12E08DA

NOTES

WINDSHIELD WIPER AND WASHER

L.H. drive vehicles

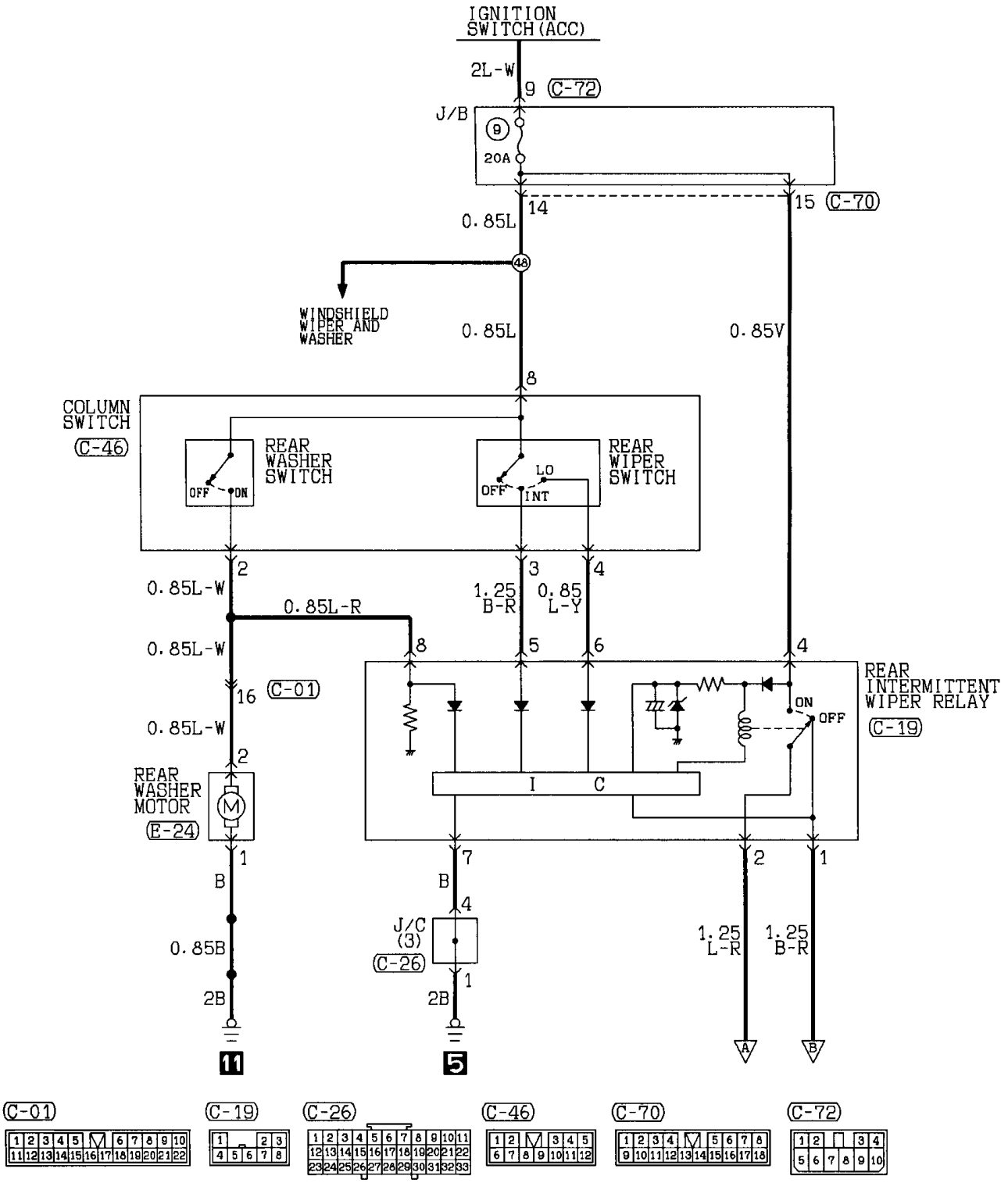


Wire colour code
B :Black LG:Light green G :Green L :Blue W :White Y :Yellow SB:Sky blue
BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

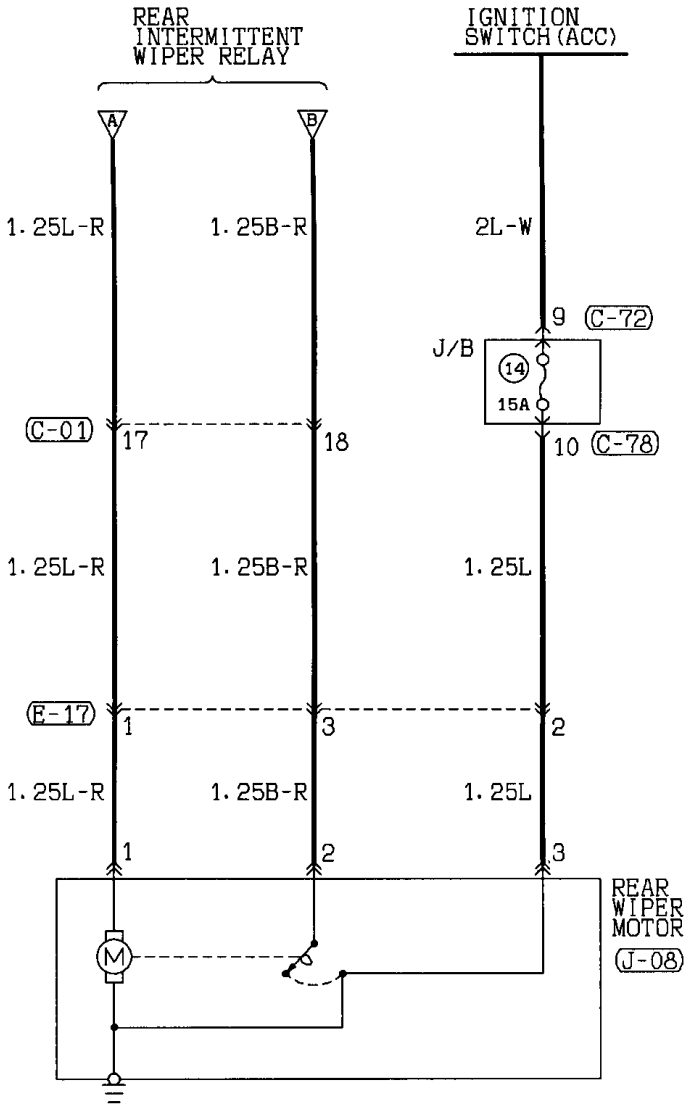
HW13E00AA

NOTES

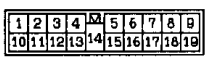
REAR WIPER AND WASHER



HW13E01AA



C-78



E-17

E-24

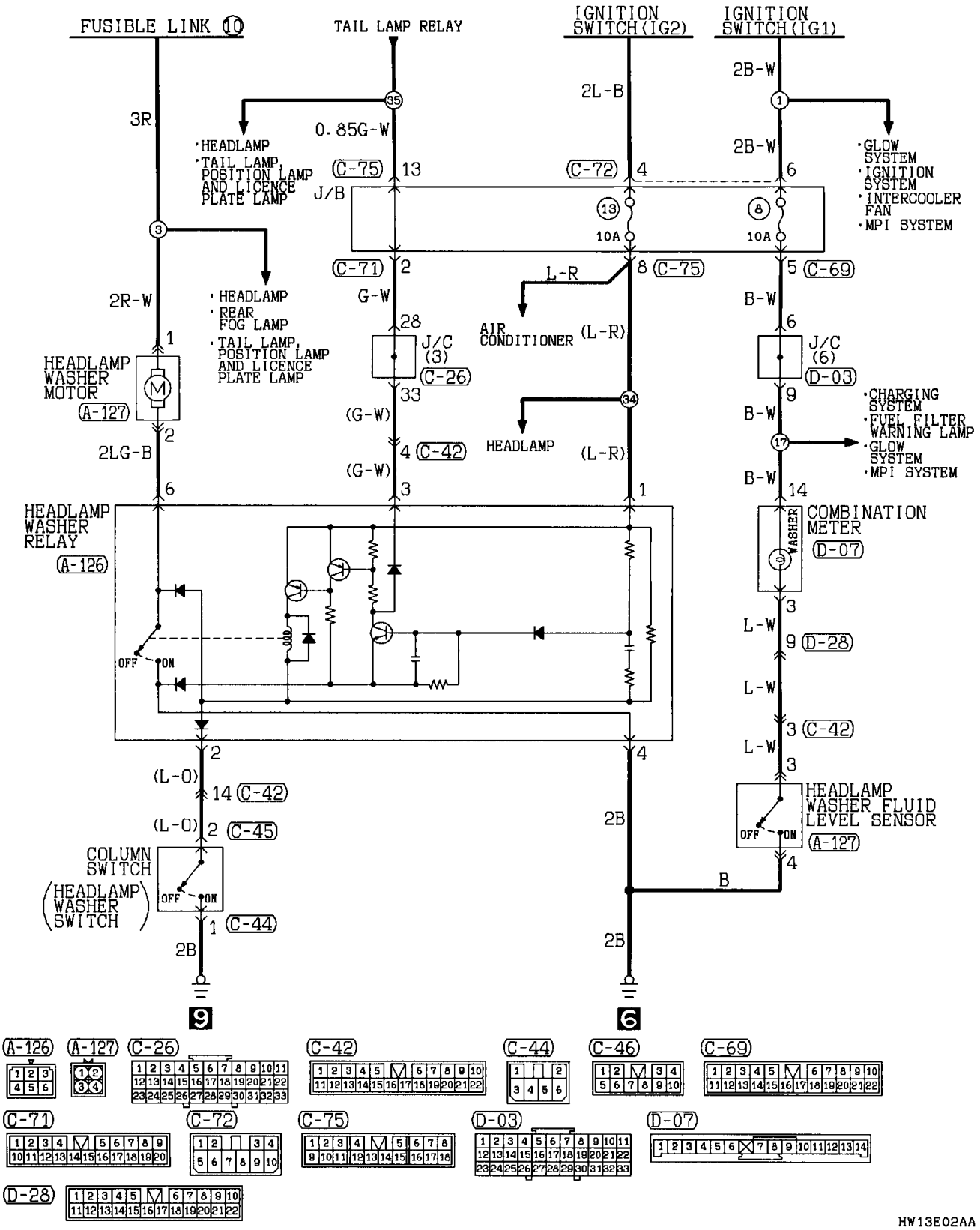
J-08

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		

HW13E01AB

HEADLAMP WASHER

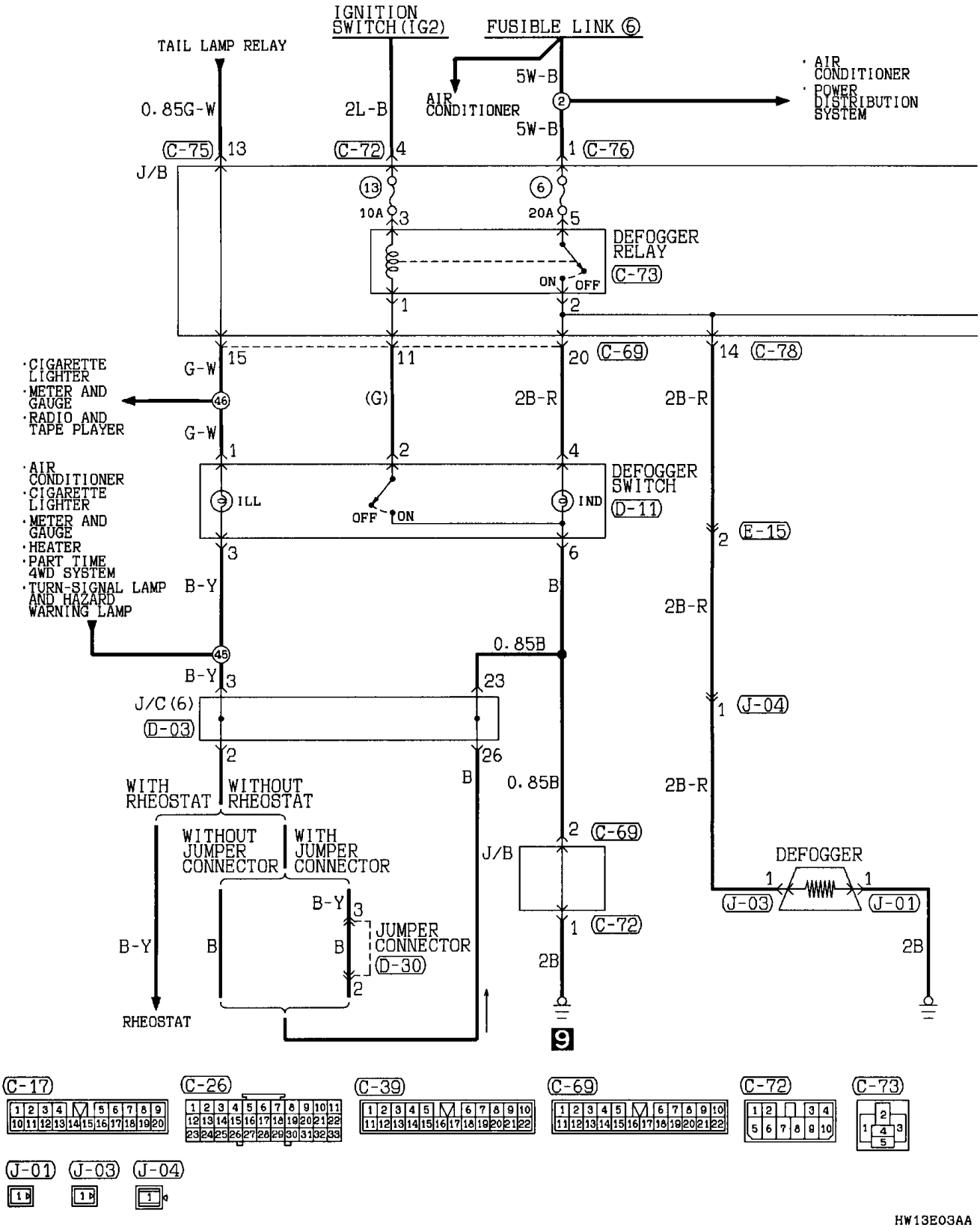


HW13E02AA

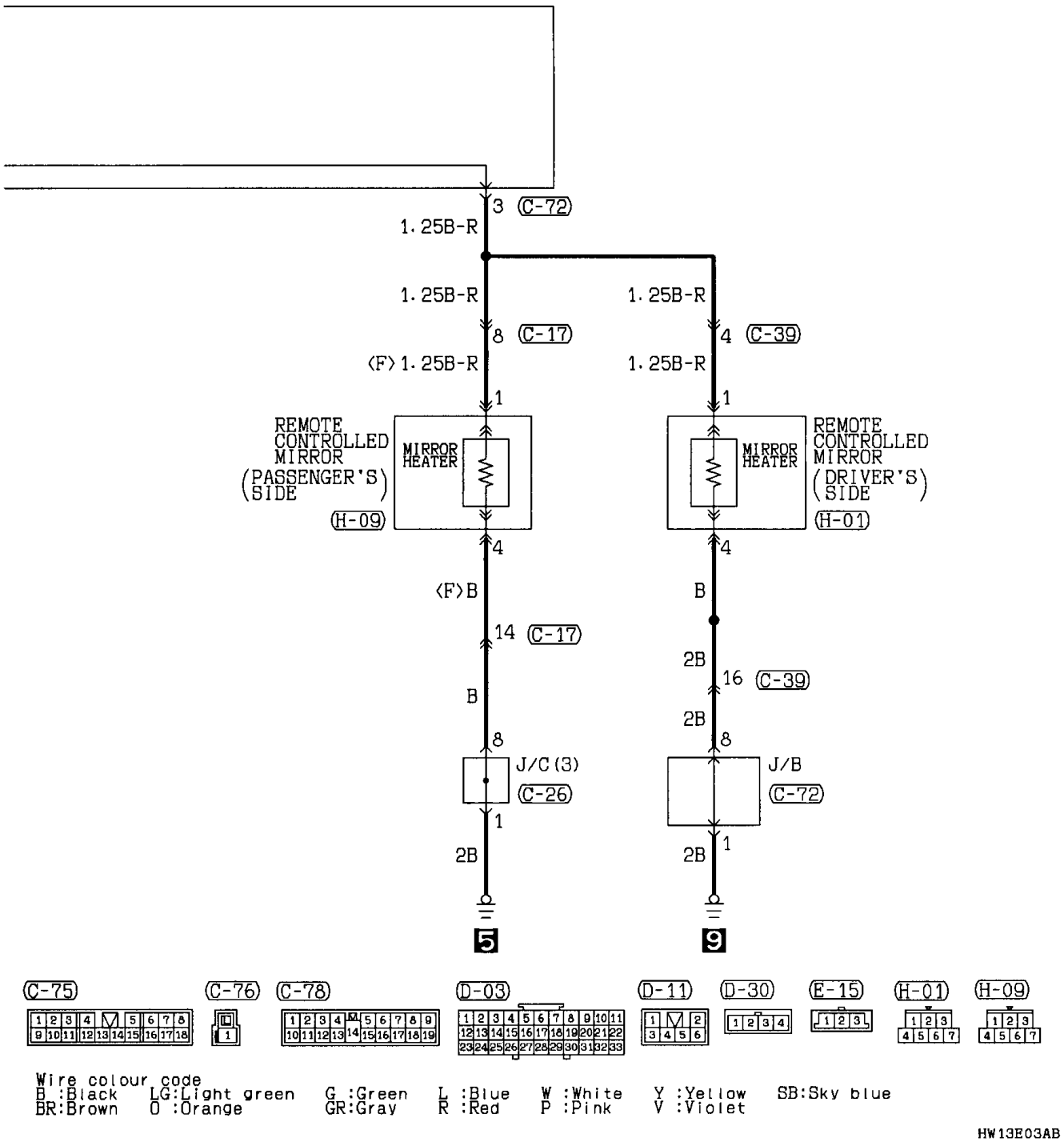
NOTES

DEFOGGER AND DOOR MIRROR HEATER

L.H. drive vehicles



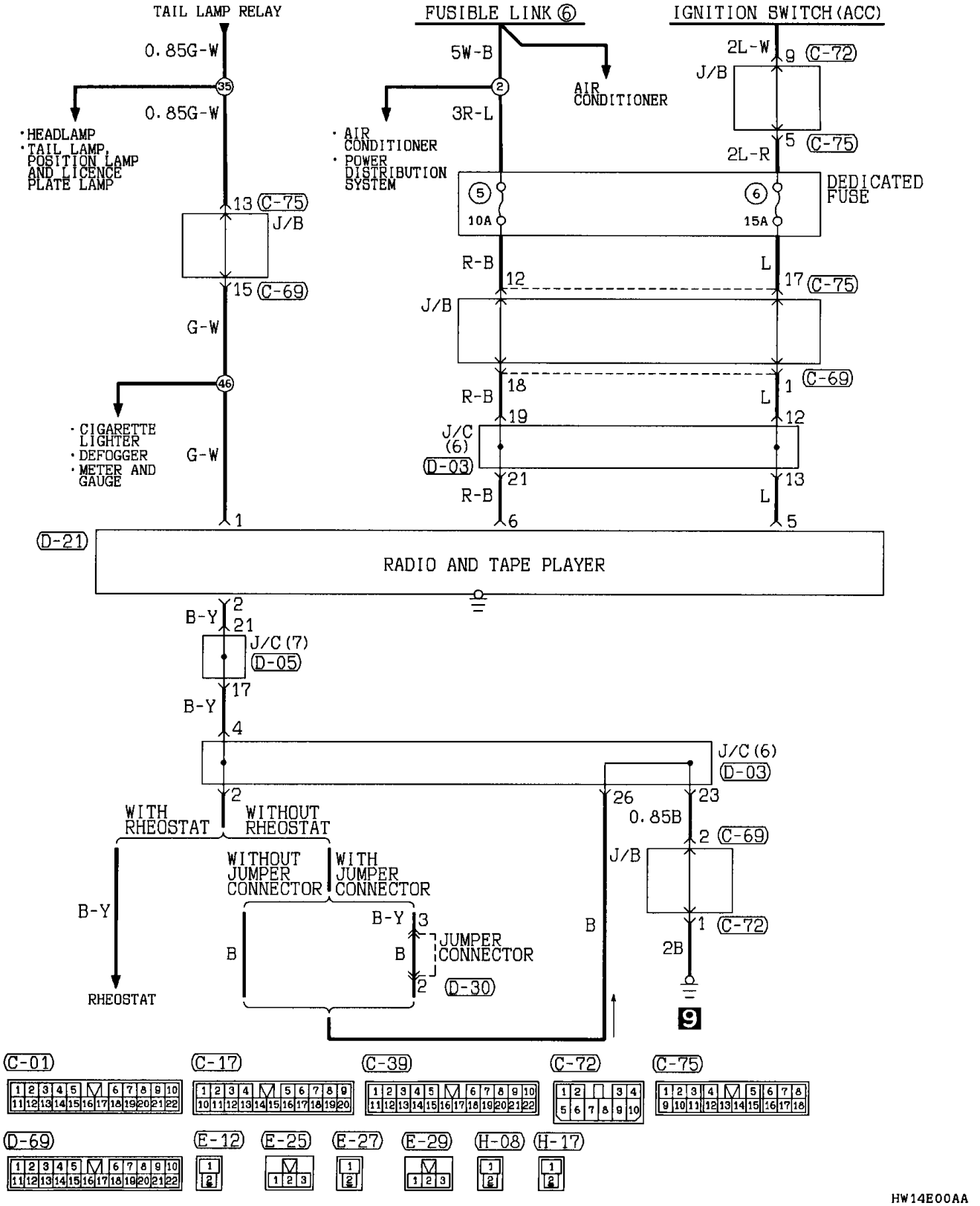
HW13E03AA


3 C-72
1.25B-R
1.25B-R
8 C-17
(F) 1.25B-R
1
REMOTE CONTROLLED MIRROR (PASSENGER'S SIDE)
MIRROR HEATER
H-09
4
(F) B
14 C-17
B
8
J/C (3)
C-26
1
2B
5
1.25B-R
4 C-39
1.25B-R
1
REMOTE CONTROLLED MIRROR (DRIVER'S SIDE)
MIRROR HEATER
H-01
4
B
2B
16 C-39
2B
8
J/B
C-72
1
2B
9
C-75
C-76
C-78
D-03
D-11
D-30
E-15
H-01
H-09
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

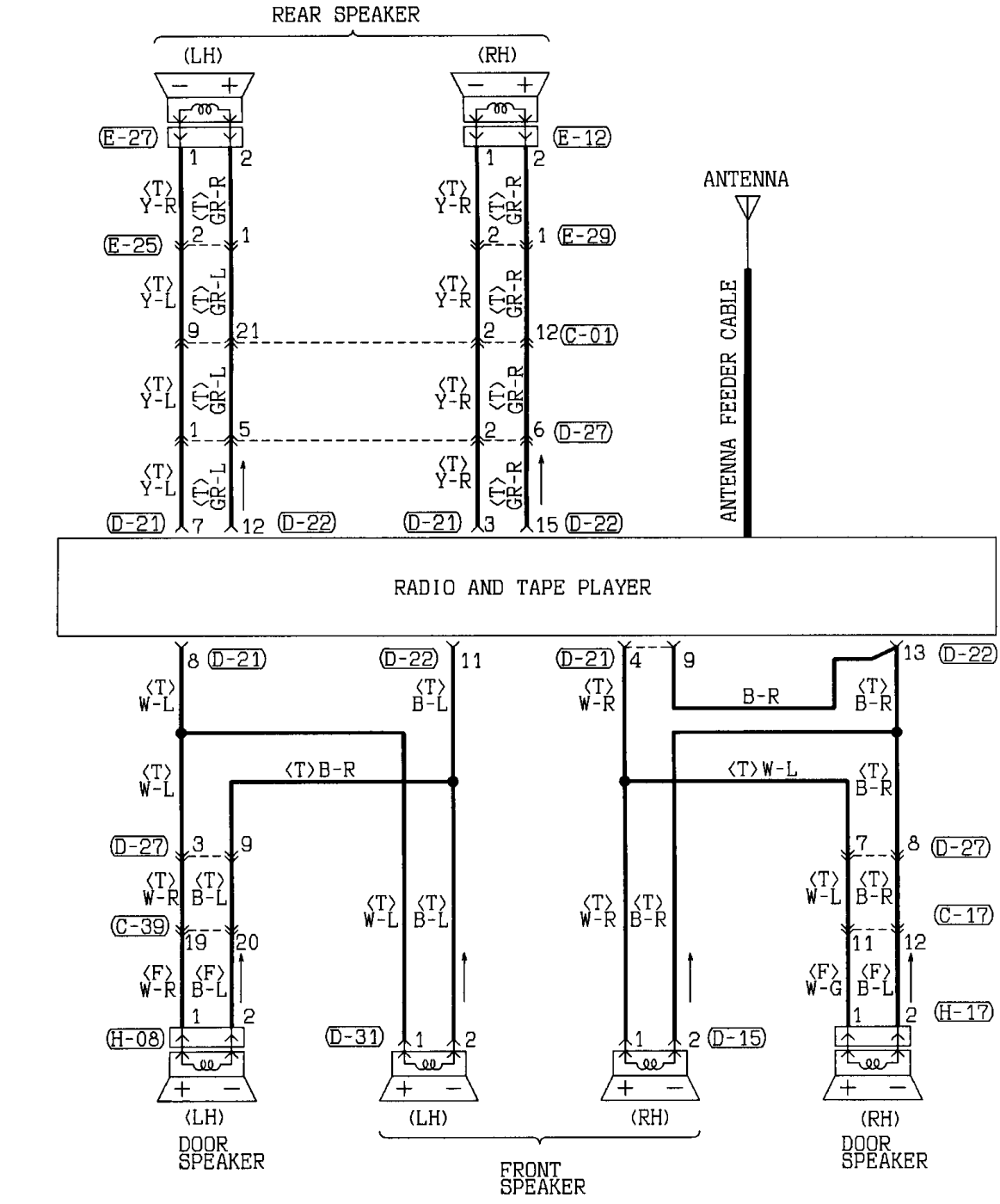
HW13E03AB

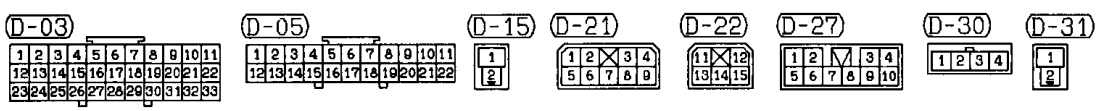
RADIO AND TAPE PLAYER

L.H. drive vehicles



HW14E00AA





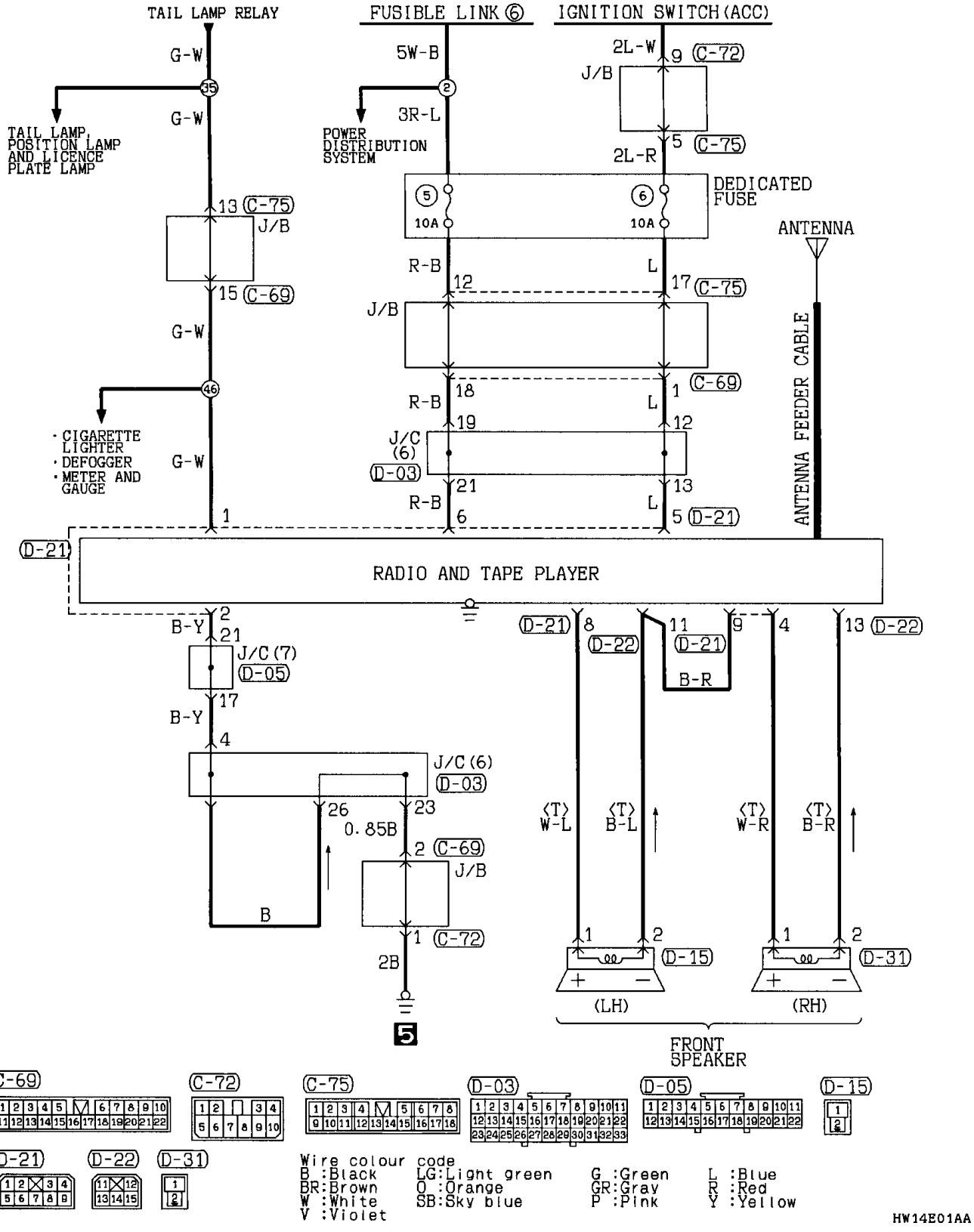
Wire colour code

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		

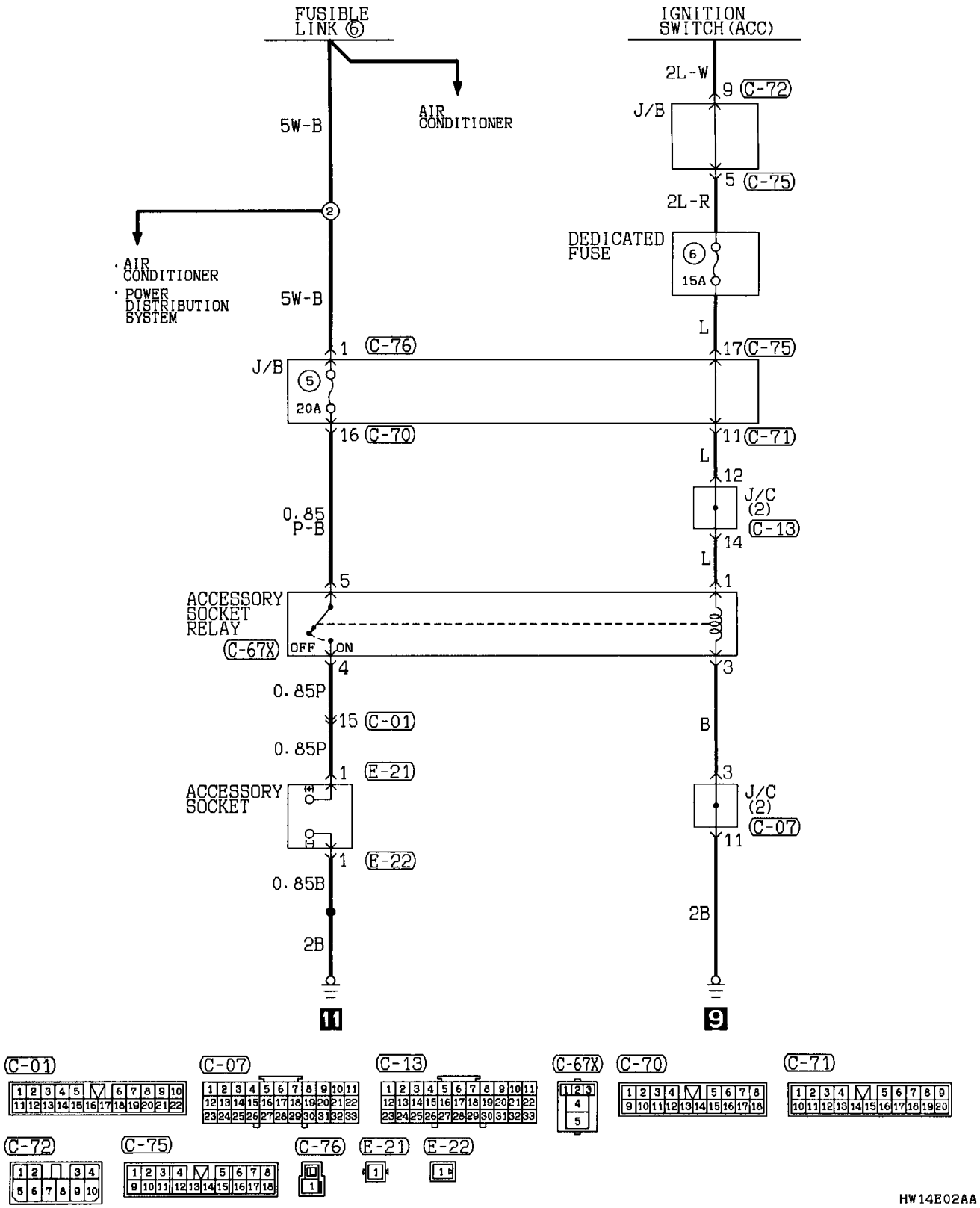
HW14E00AB

RADIO AND TAPE PLAYER

R.H. drive vehicles



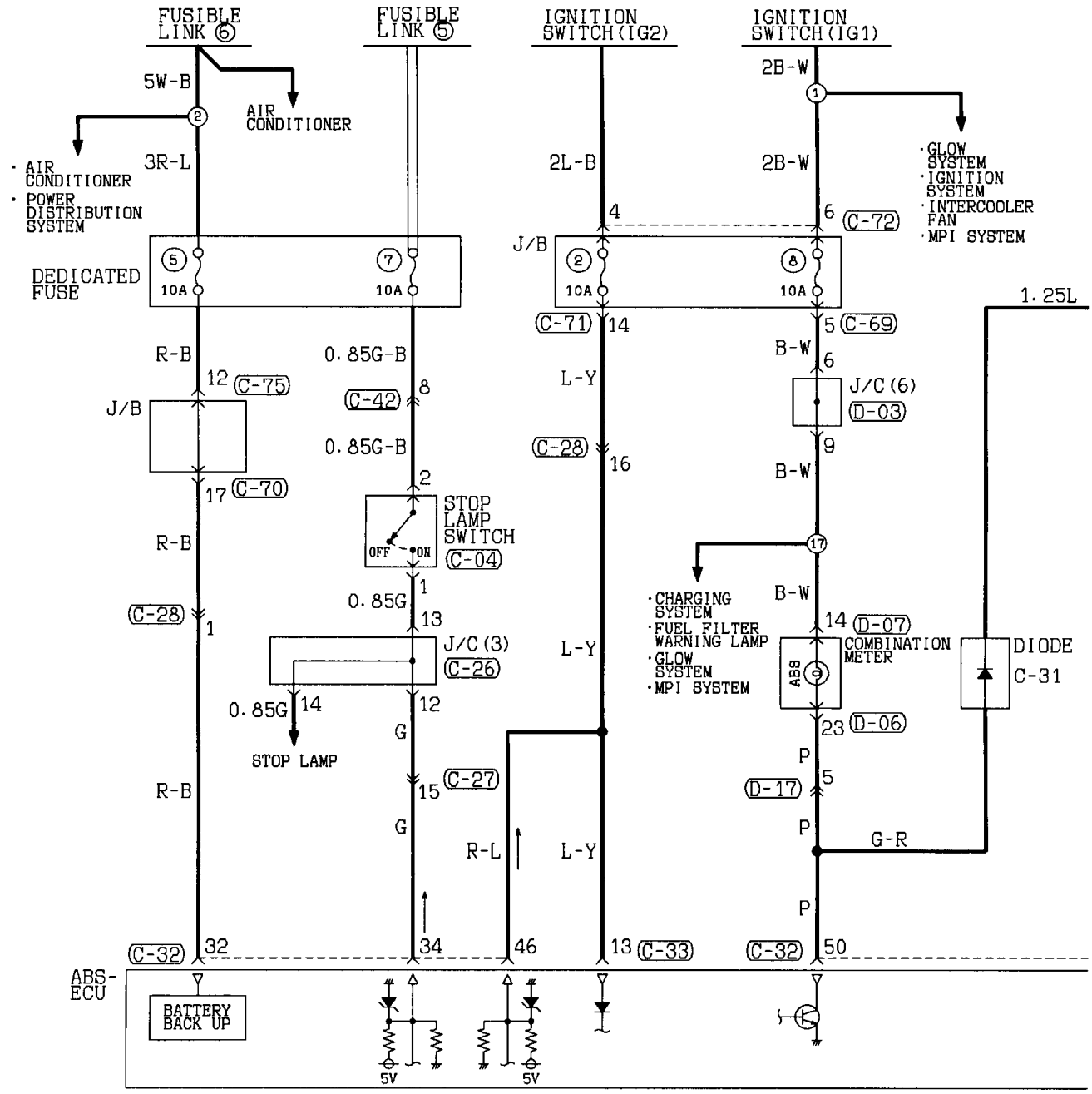
ACCESSORY SOCKET

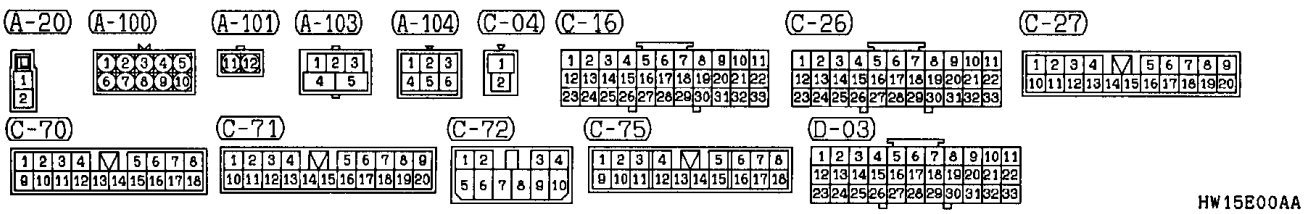


HW14E02AA

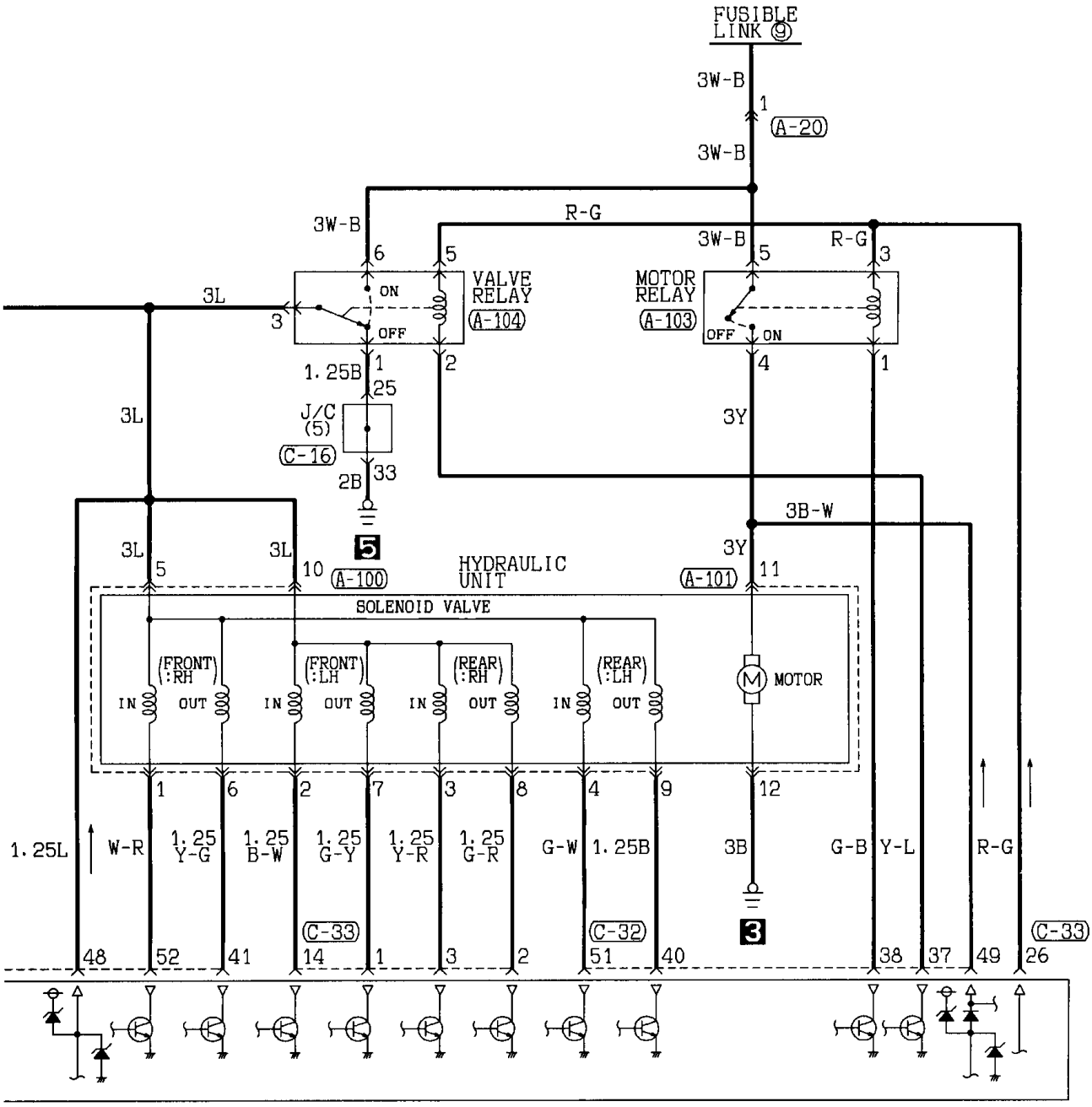
ANTI-LOCK BRAKING SYSTEM (ABS)

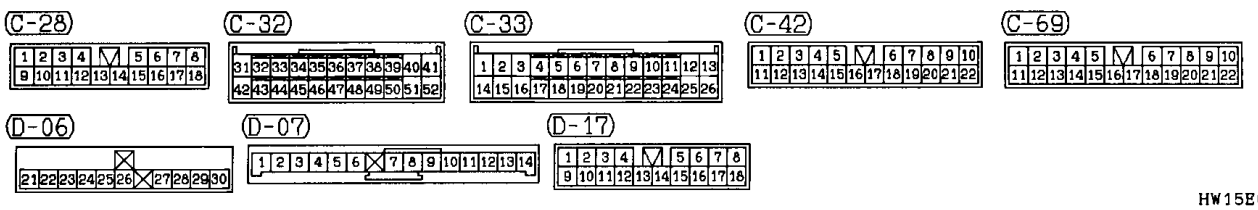
L.H. drive vehicles <2WD>





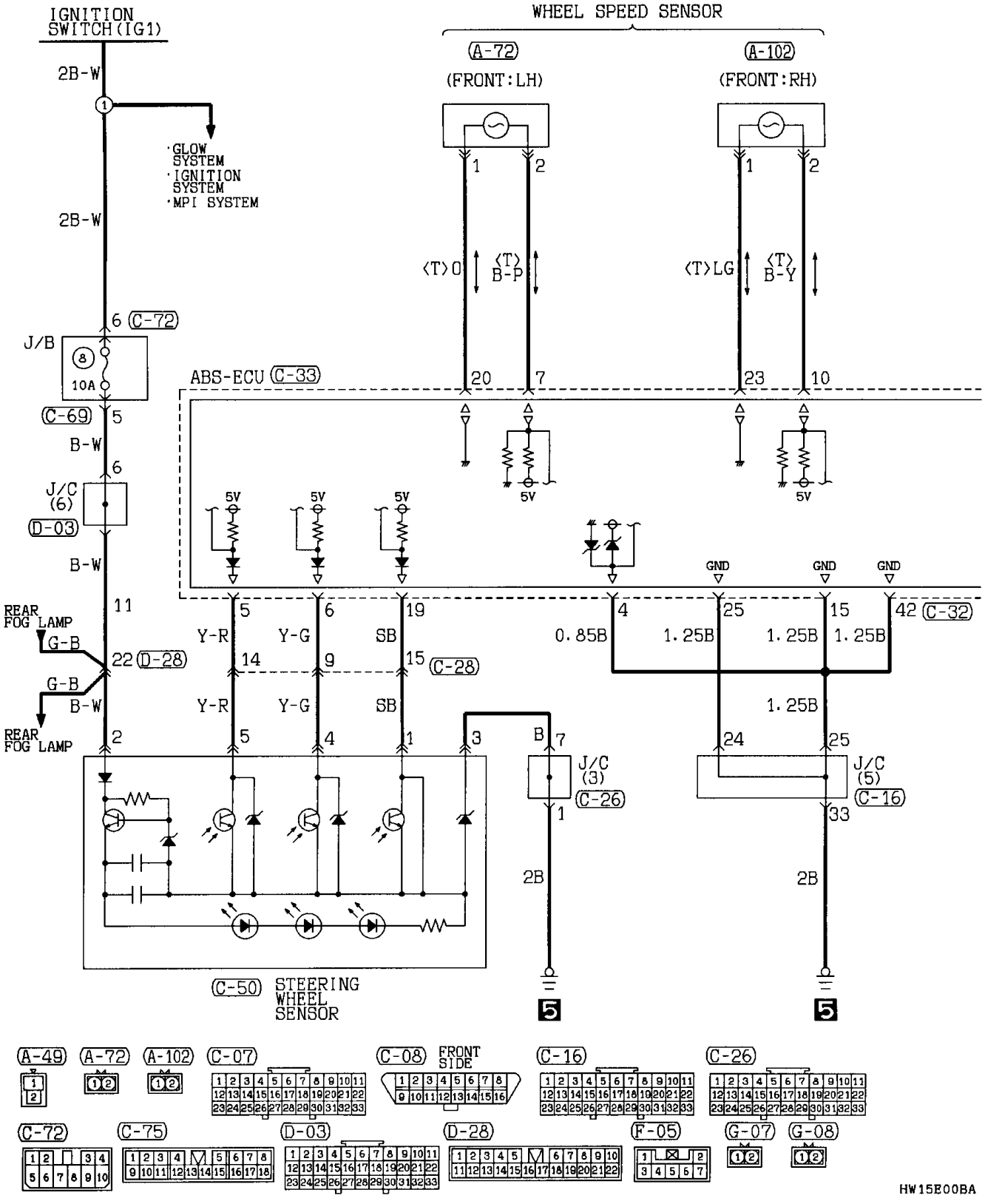
HW15E00AA

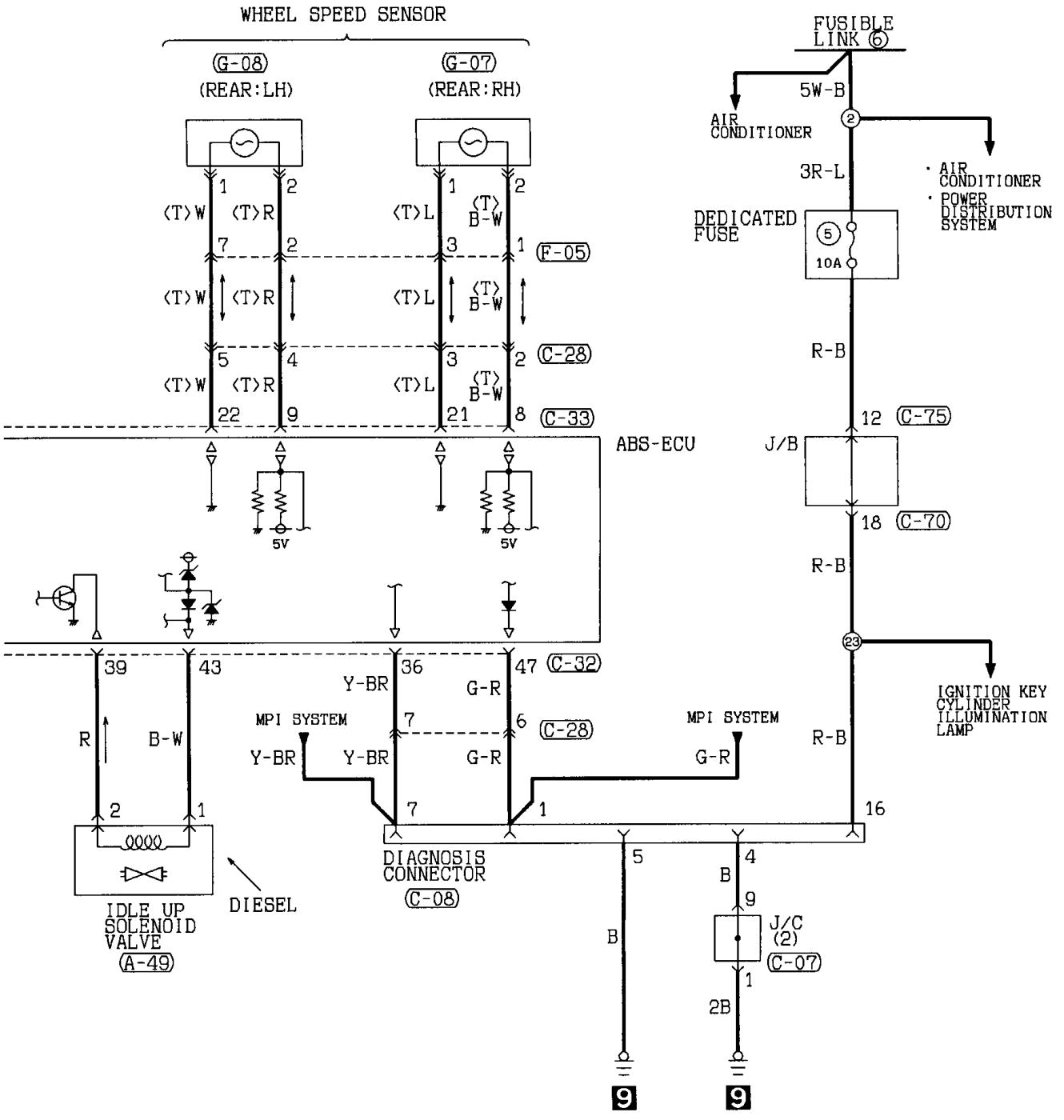

FUSIBLE LINK (9)
3W-B
1
(A-20)
3W-B
R-G
3W-B
6
5
VALVE RELAY
(A-104)
ON
OFF
3L
3
1.25B
1
25
J/C (5)
(C-16)
2B
33
3L
3L
5
10
(A-100)
HYDRAULIC UNIT
SOLENOID VALVE
(FRONT :RH)
(FRONT :LH)
(REAR :RH)
(REAR :LH)
IN
OUT
MOTOR
MOTOR RELAY
(A-103)
OFF
ON
3W-B
5
R-G
3
4
1
3Y
3B-W
3Y
11
(A-101)
1
6
2
7
3
8
4
9
12
1.25L
W-R
1.25 Y-G
1.25 B-W
1.25 G-Y
1.25 Y-R
1.25 G-R
G-W
1.25B
3B
G-B
Y-L
R-G
(C-33)
(C-32)
(C-33)
48
52
41
14
1
3
2
51
40
38
37
49
26


(C-28)
(C-32)
(C-33)
(C-42)
(C-69)
(D-06)
(D-07)
(D-17)

HW15E00AB

ANTI-LOCK BRAKING SYSTEM (ABS) <L.H. drive vehicles (2WD)> (CONTINUED)



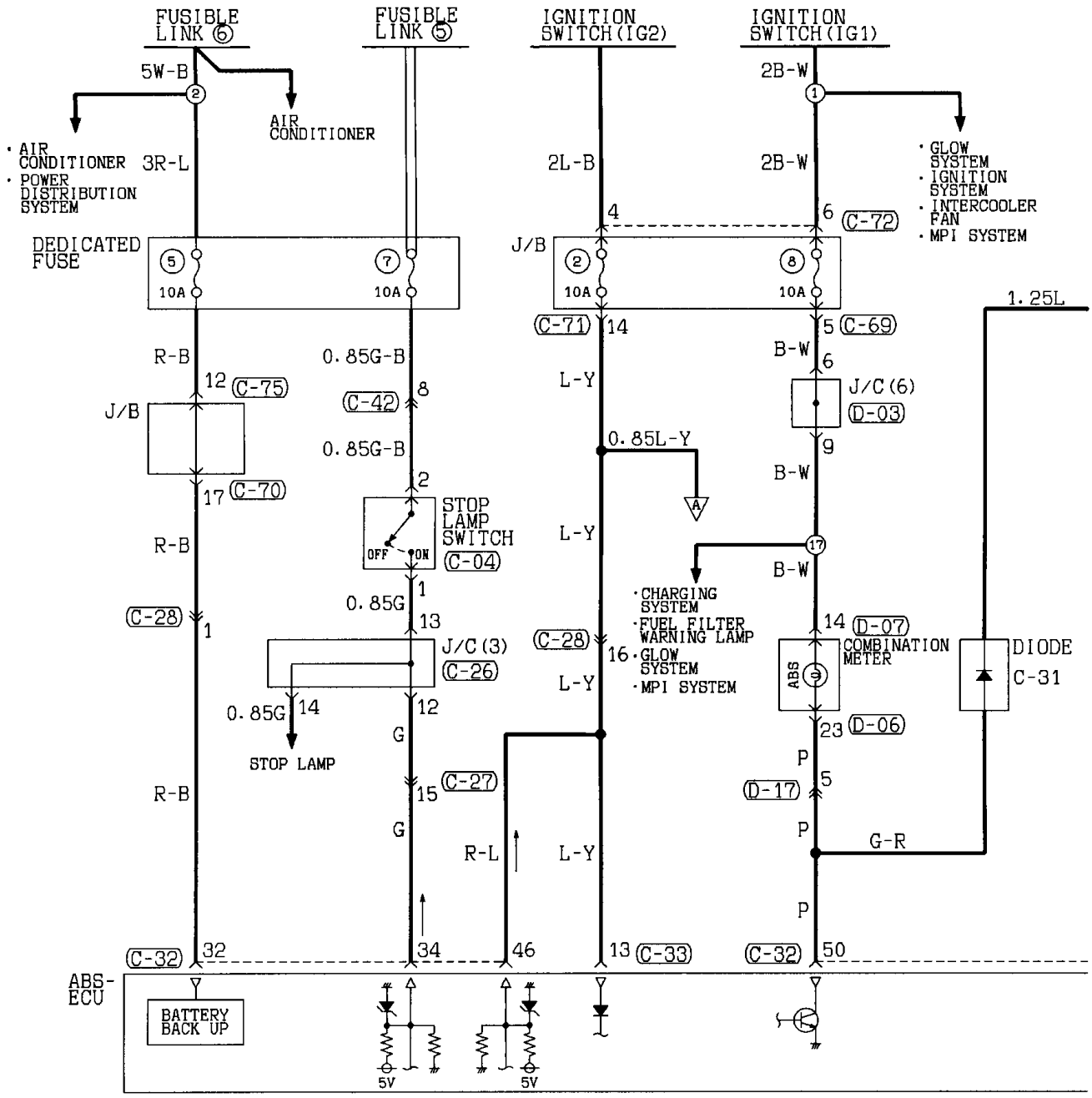


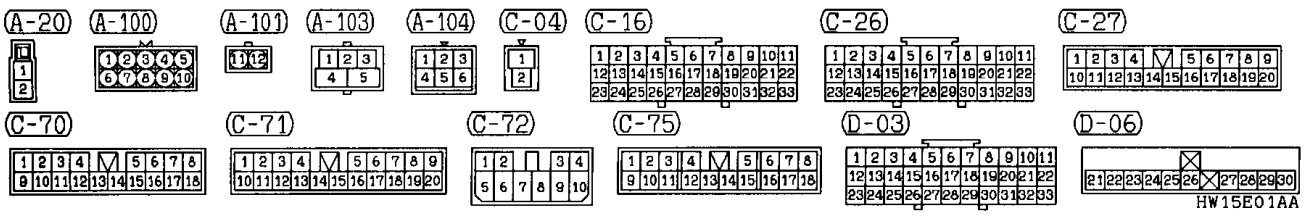
Wire colour code
B :Black LG:Light green G :Green L :Blue W :White Y :Yellow SB:Sky blue
BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

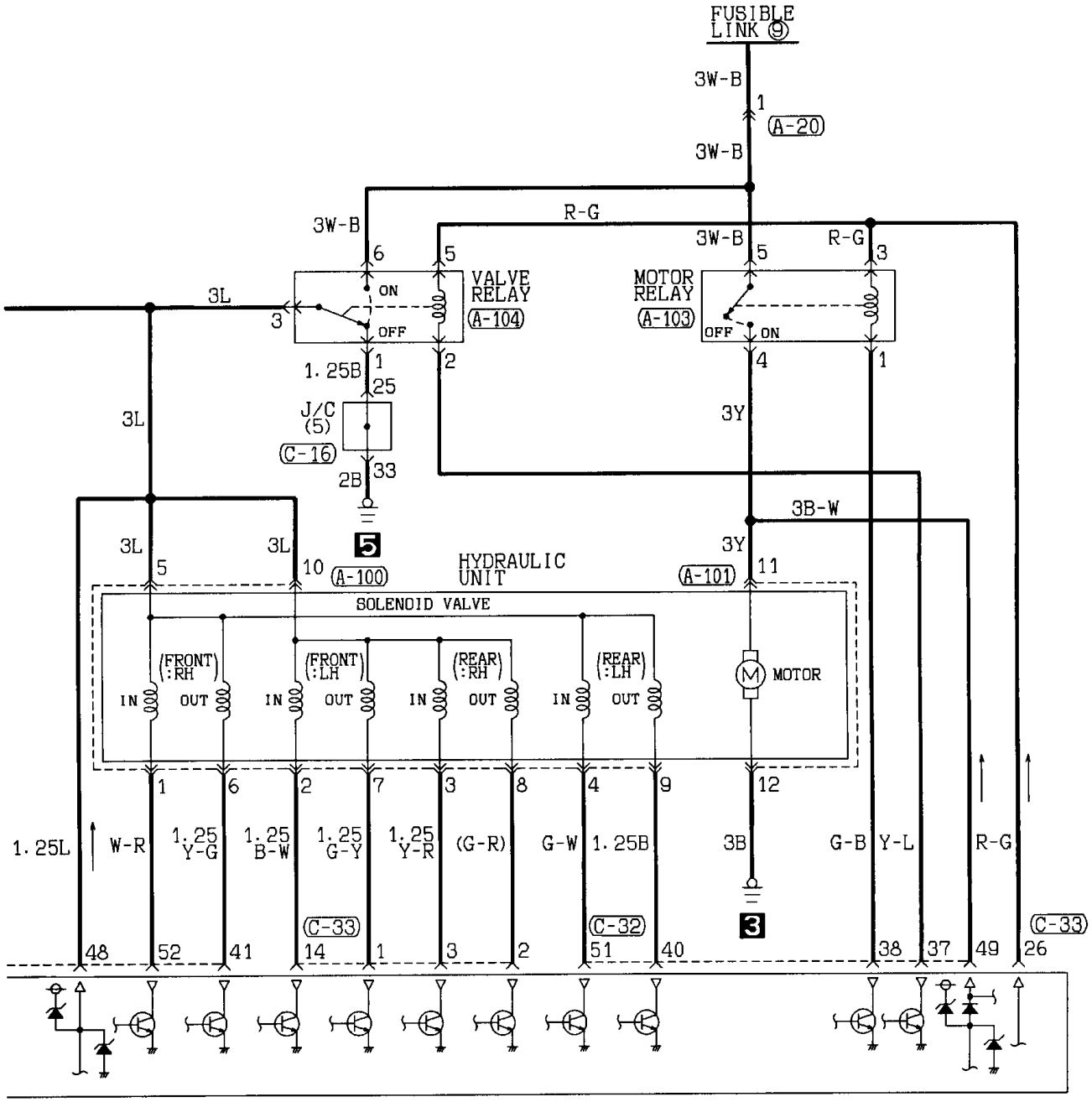
HW15E00BB

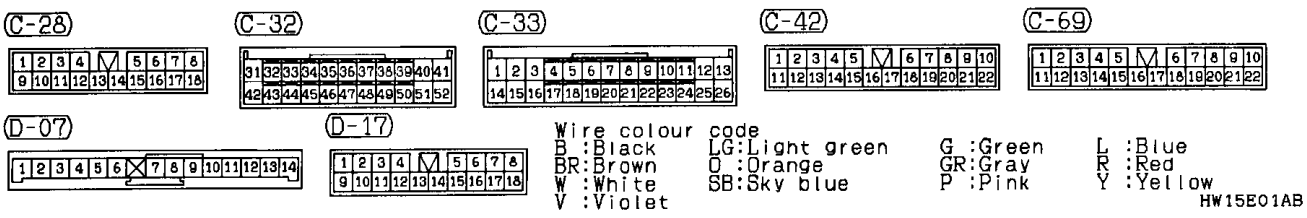
ANTI-LOCK BRAKING SYSTEM (ABS)

L.H. drive vehicles <4WD>







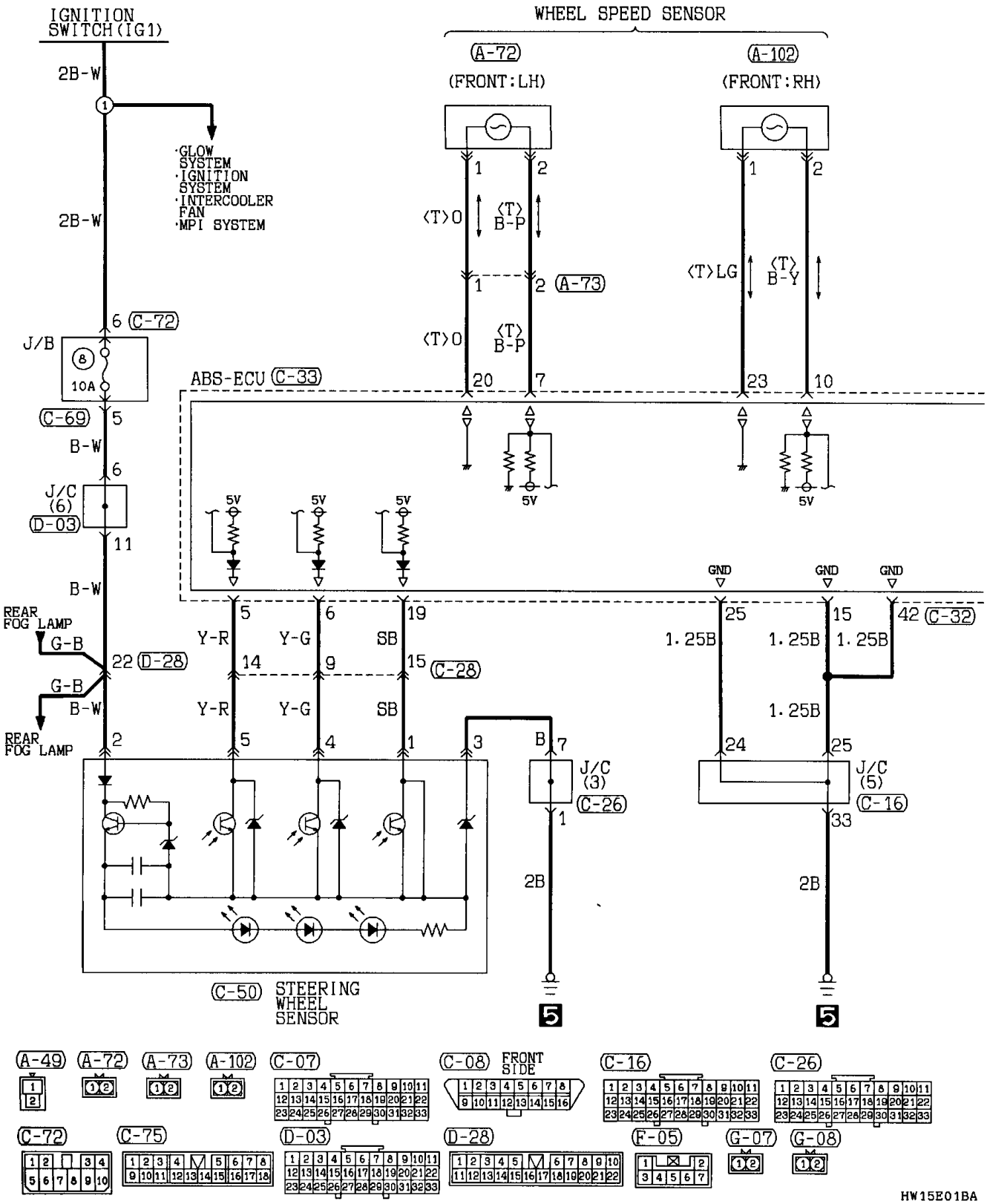


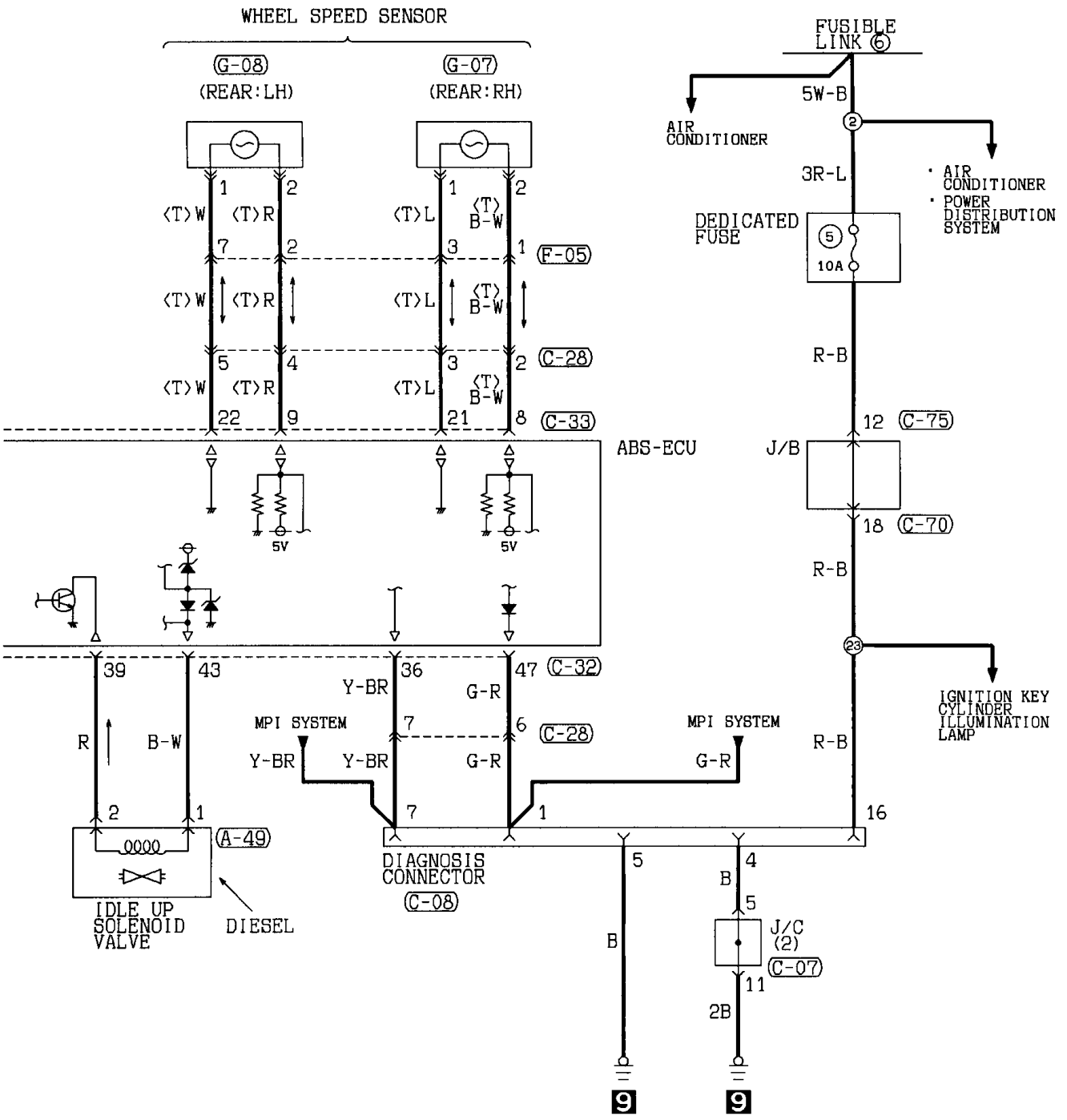
Wire colour code

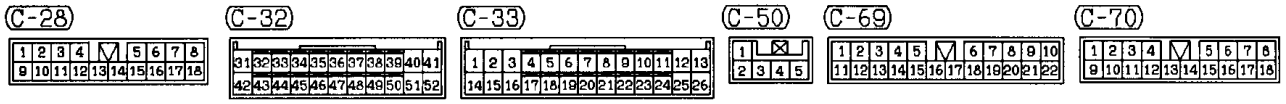
B	:Black	LG	:Light green	G	:Green	L	:Blue
BR	:Brown	O	:Orange	GR	:Gray	R	:Red
W	:White	SB	:Sky blue	P	:Pink	Y	:Yellow
V	:Violet						

HW15E01AB

ANTI-LOCK BRAKING SYSTEM (ABS) <L.H. drive vehicles (4WD)> (CONTINUED)





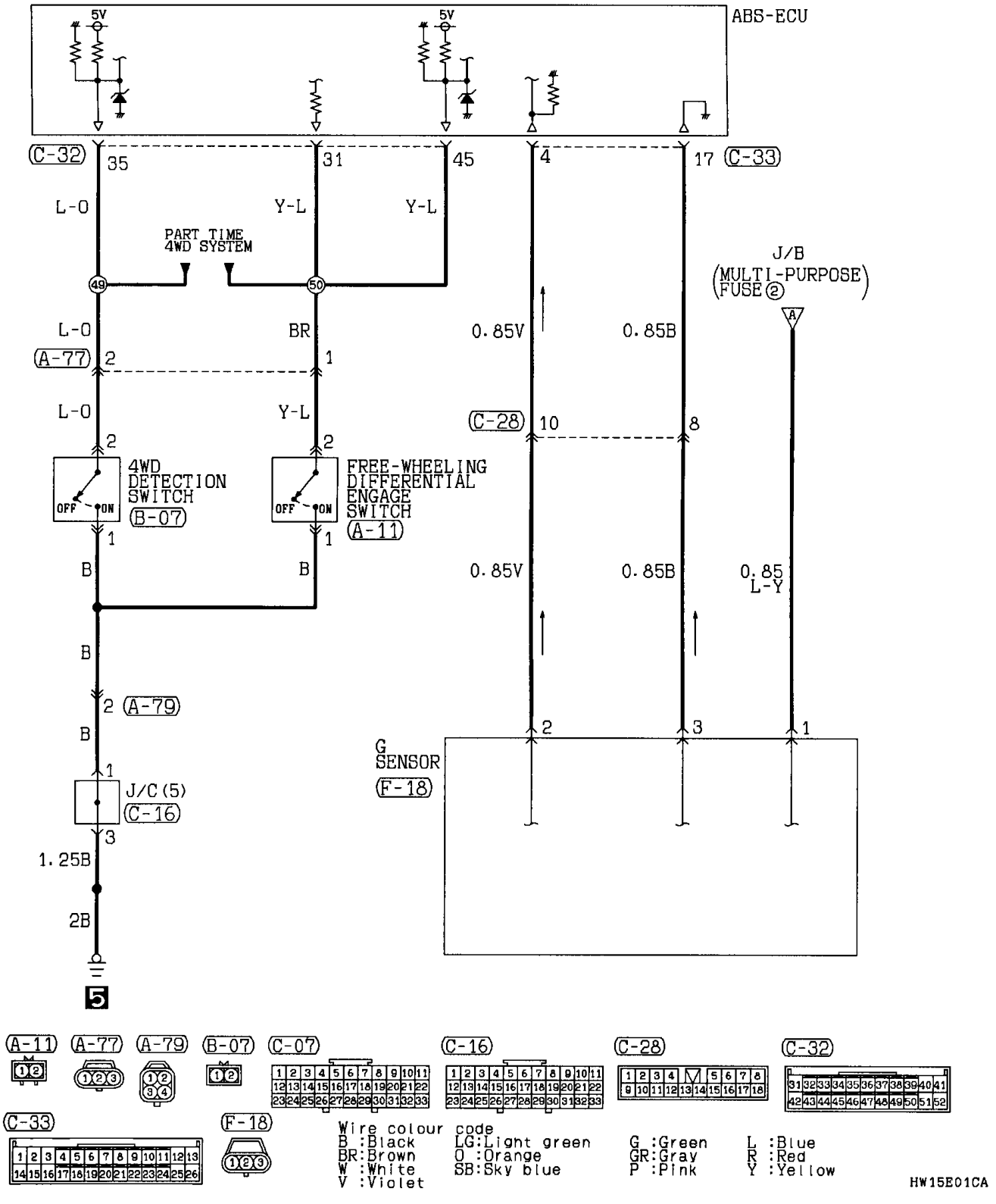


Wire colour code

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		

HW15E01BB

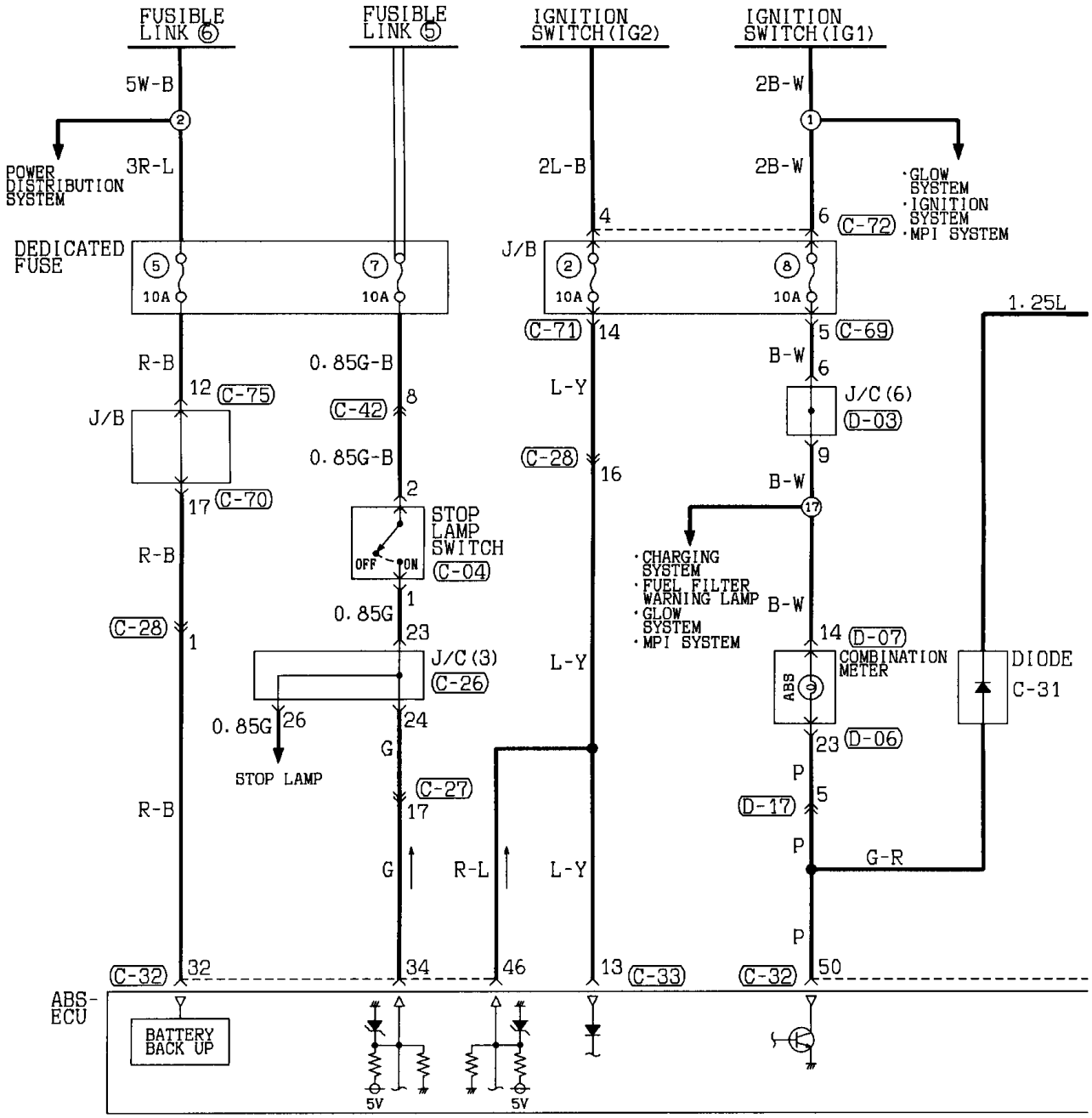
ANTI-LOCK BRAKING SYSTEM (ABS) <L.H. drive vehicles (4WD)> (CONTINUED)

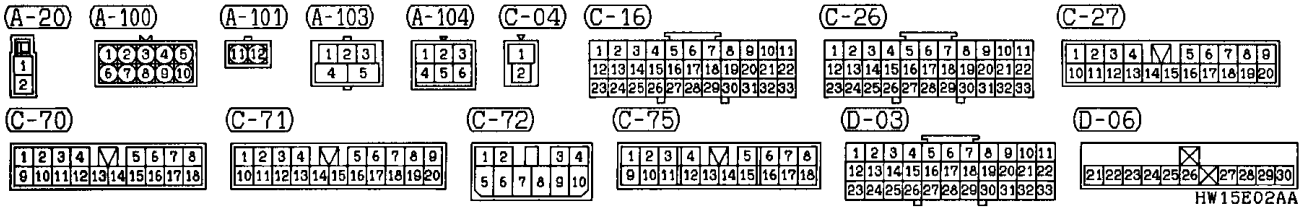


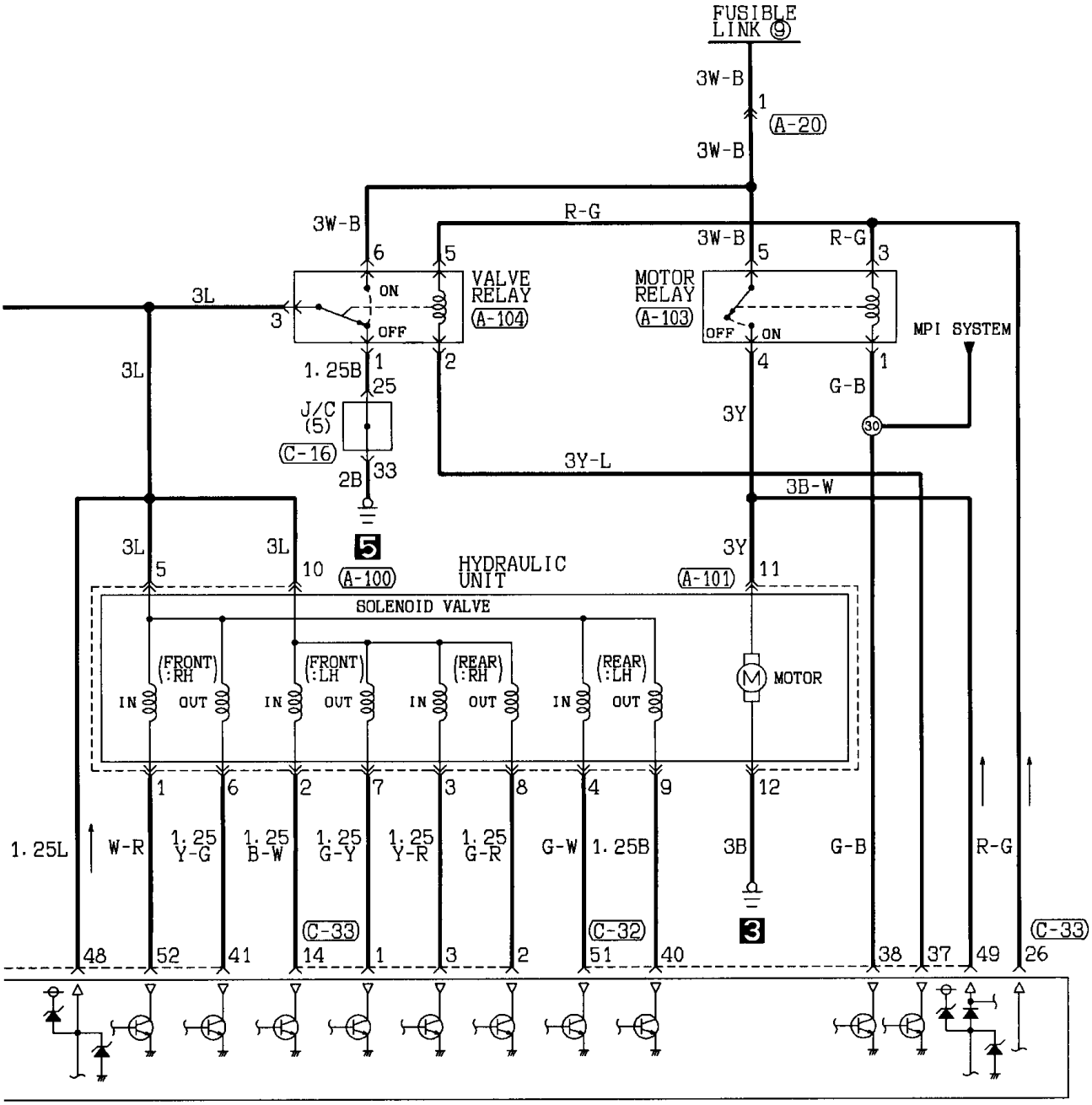
NOTES

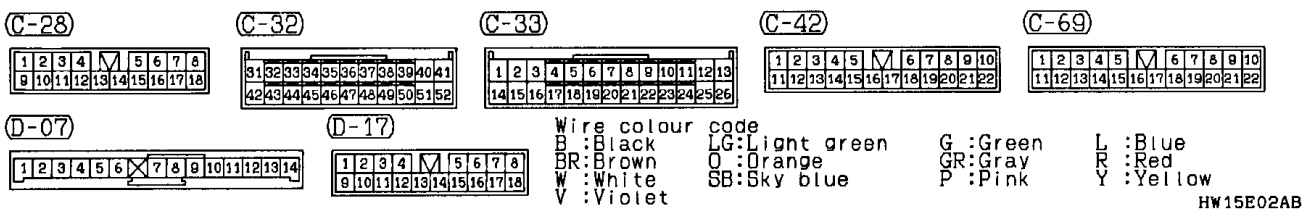
ANTI-LOCK BRAKING SYSTEM (ABS)

R.H. drive vehicles







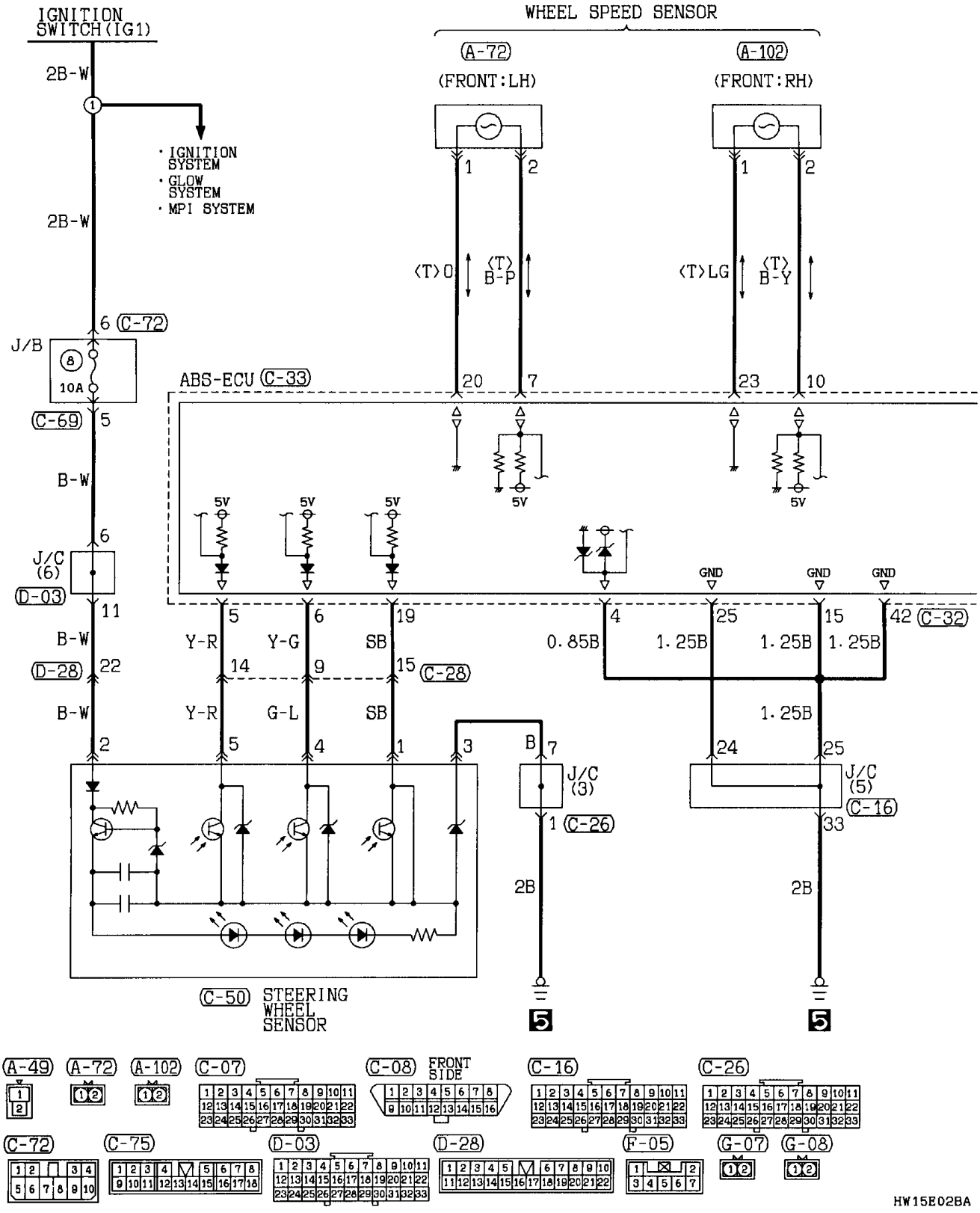


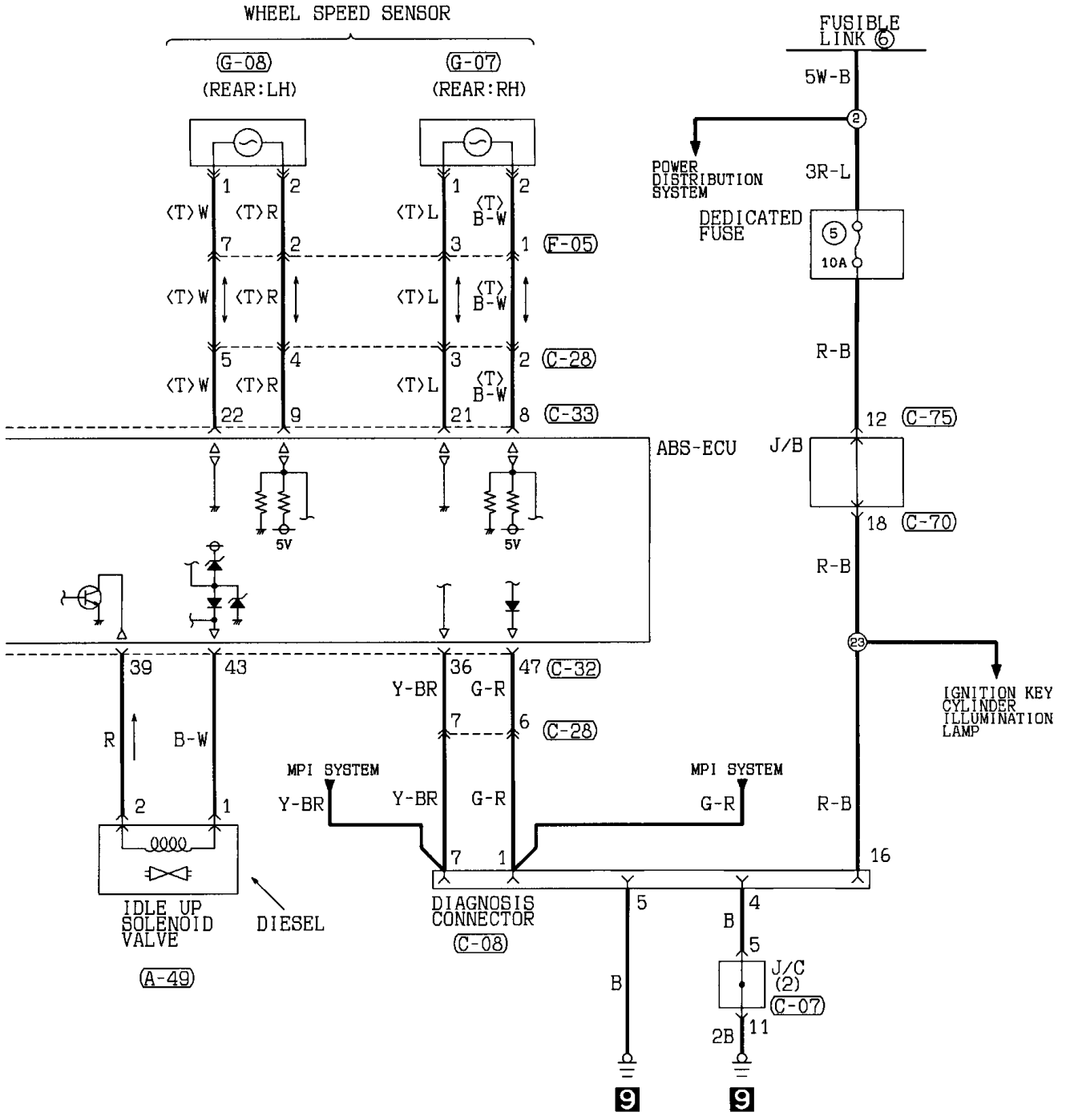
Wire colour code

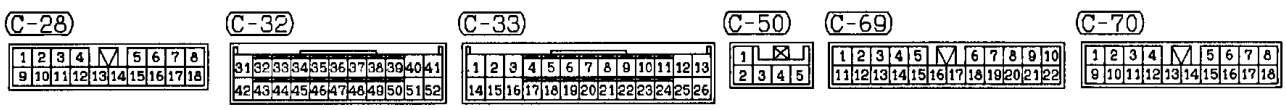
B :Black	LG:Light green	G :Green	L :Blue
BR:Brown	O :Orange	GR:Gray	R :Red
W :White	SB:Sky blue	P :Pink	Y :Yellow
V :Violet			

HW15E02AB

ANTI-LOCK BRAKING SYSTEM (ABS) <R.H. drive vehicles> (CONTINUED)





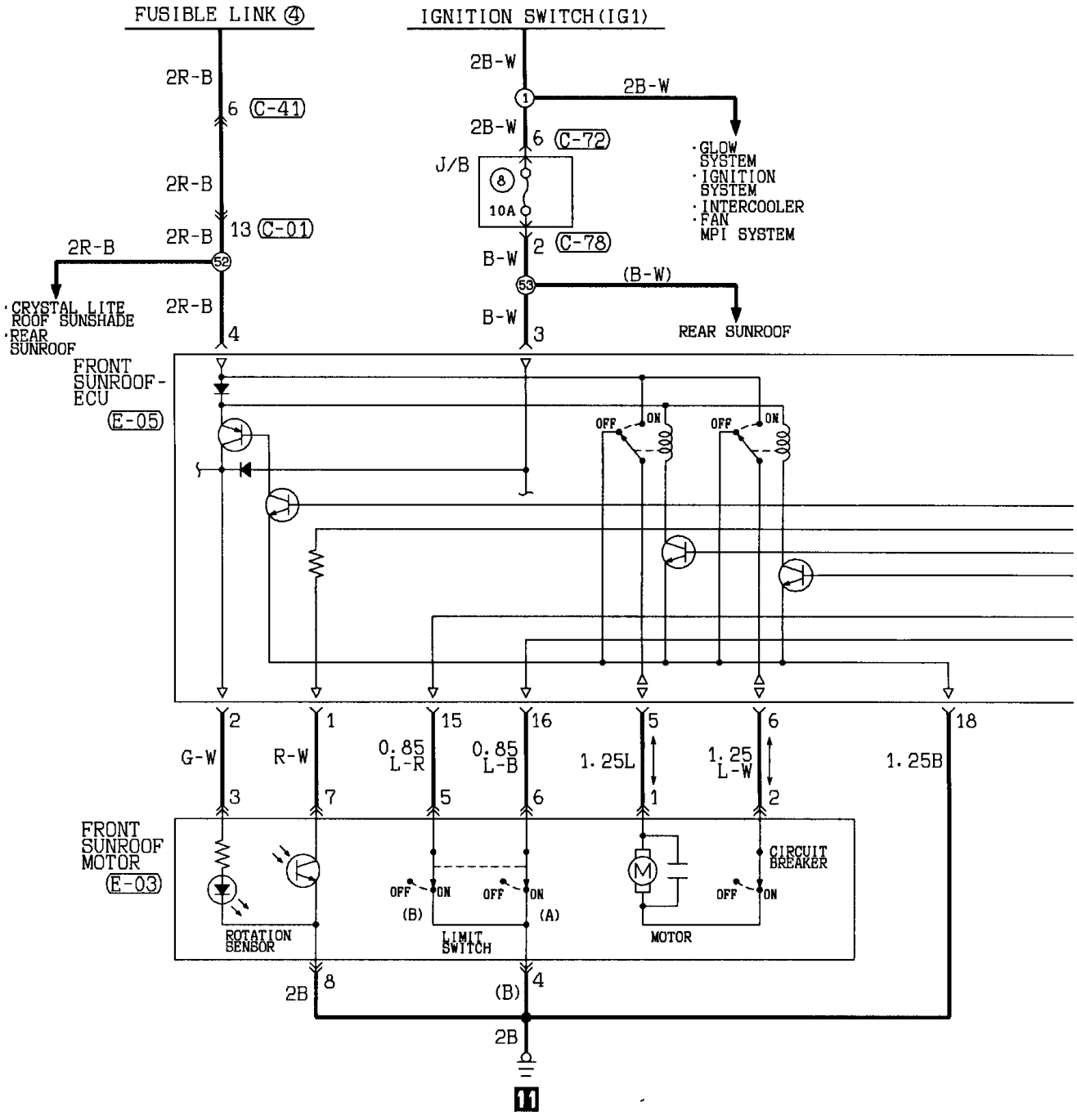


Wire colour code

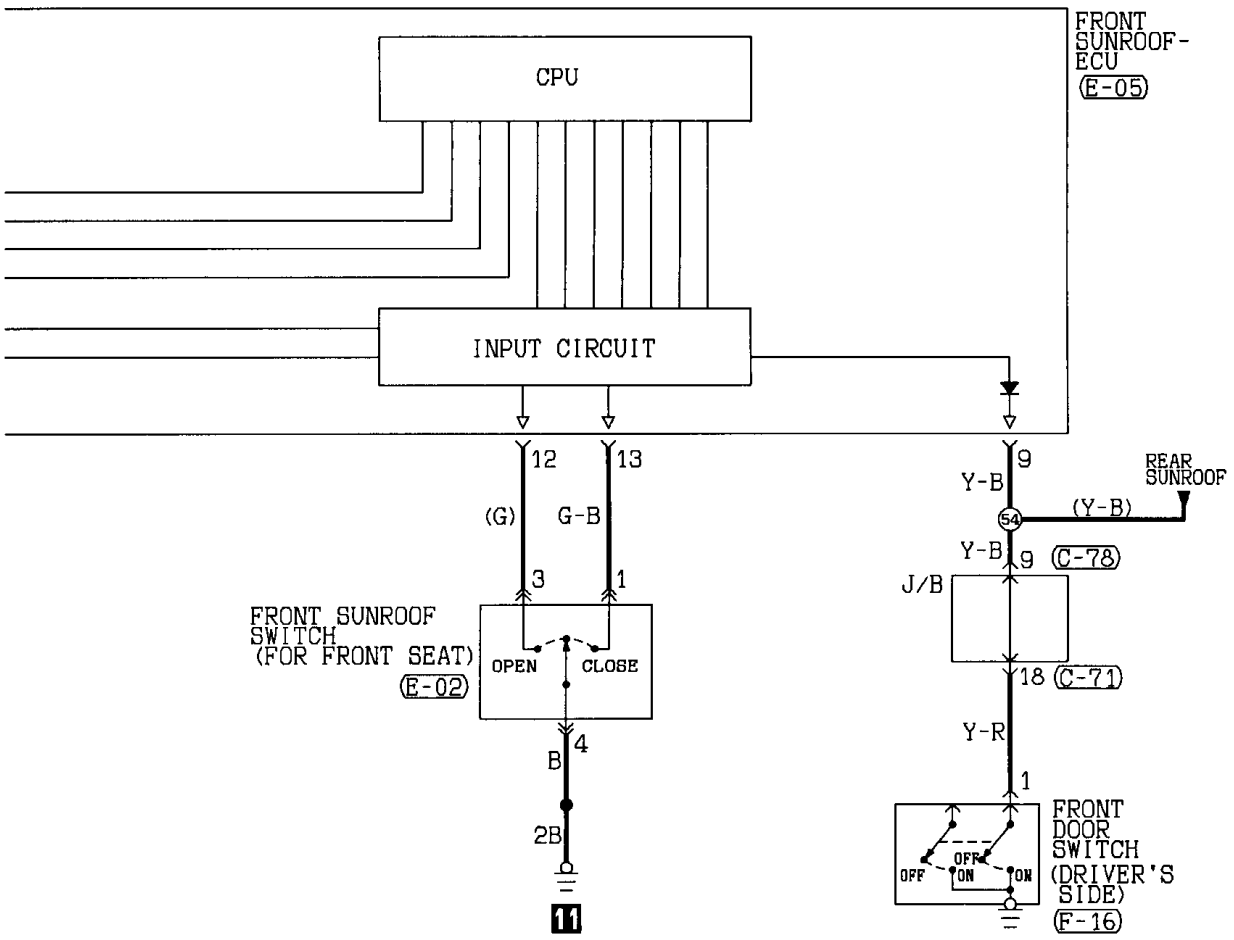
B :Black	LG:Light green	G :Green	L :Blue	W :White	Y :Yellow	SB:Sky blue	
BR:Brown	O :Orange	GR:Gray	R :Red	P :Pink	V :Violet		

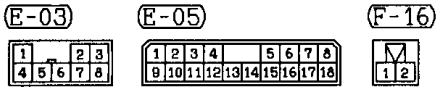
HW15E02BB

FRONT SUNROOF



HW15E03AA



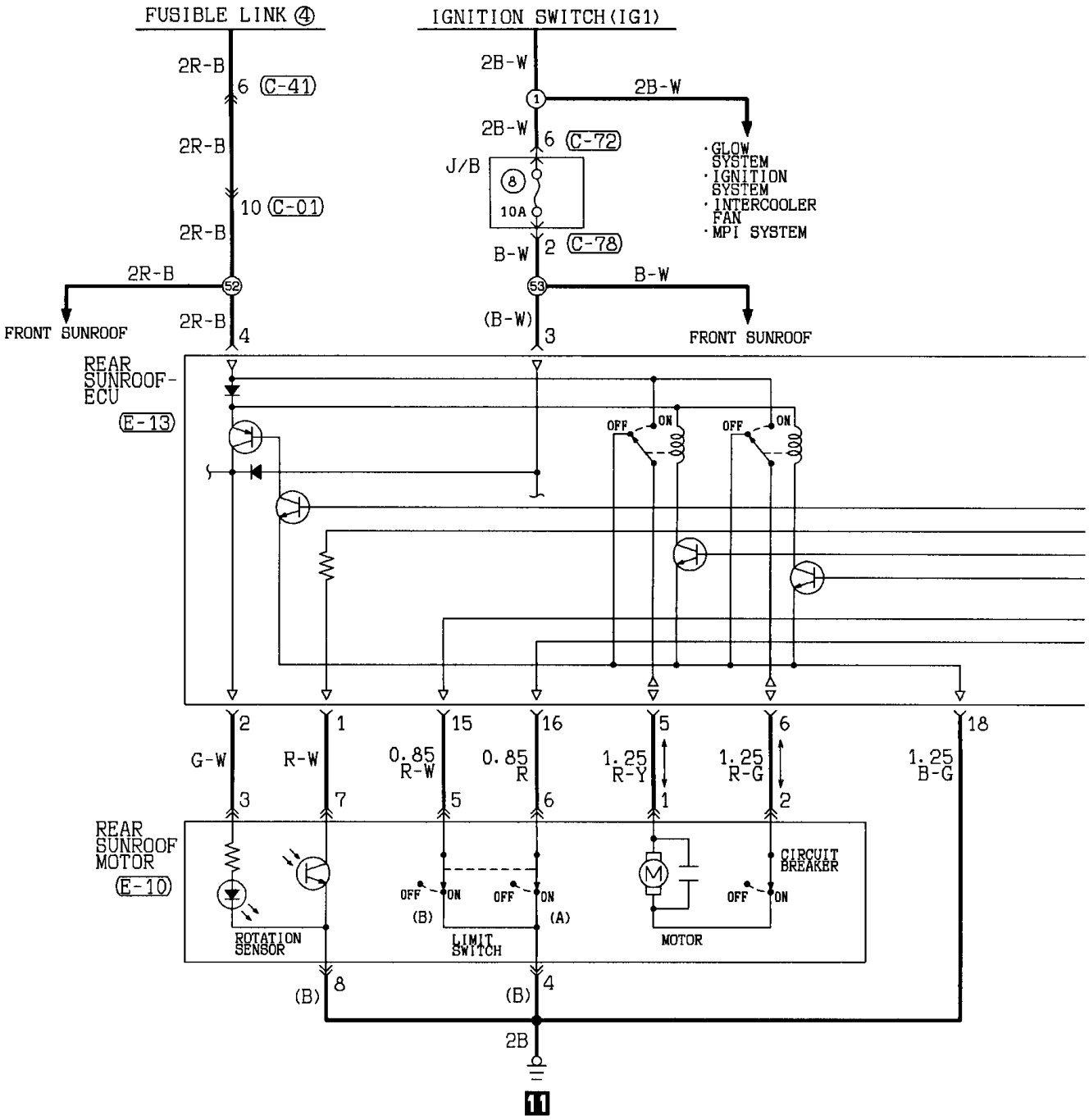


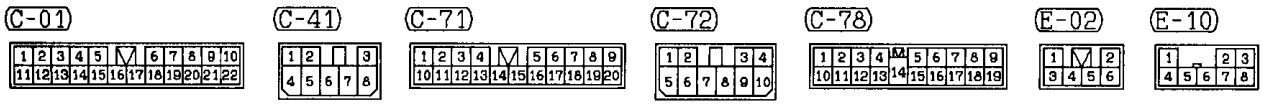
Wire colour code

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		

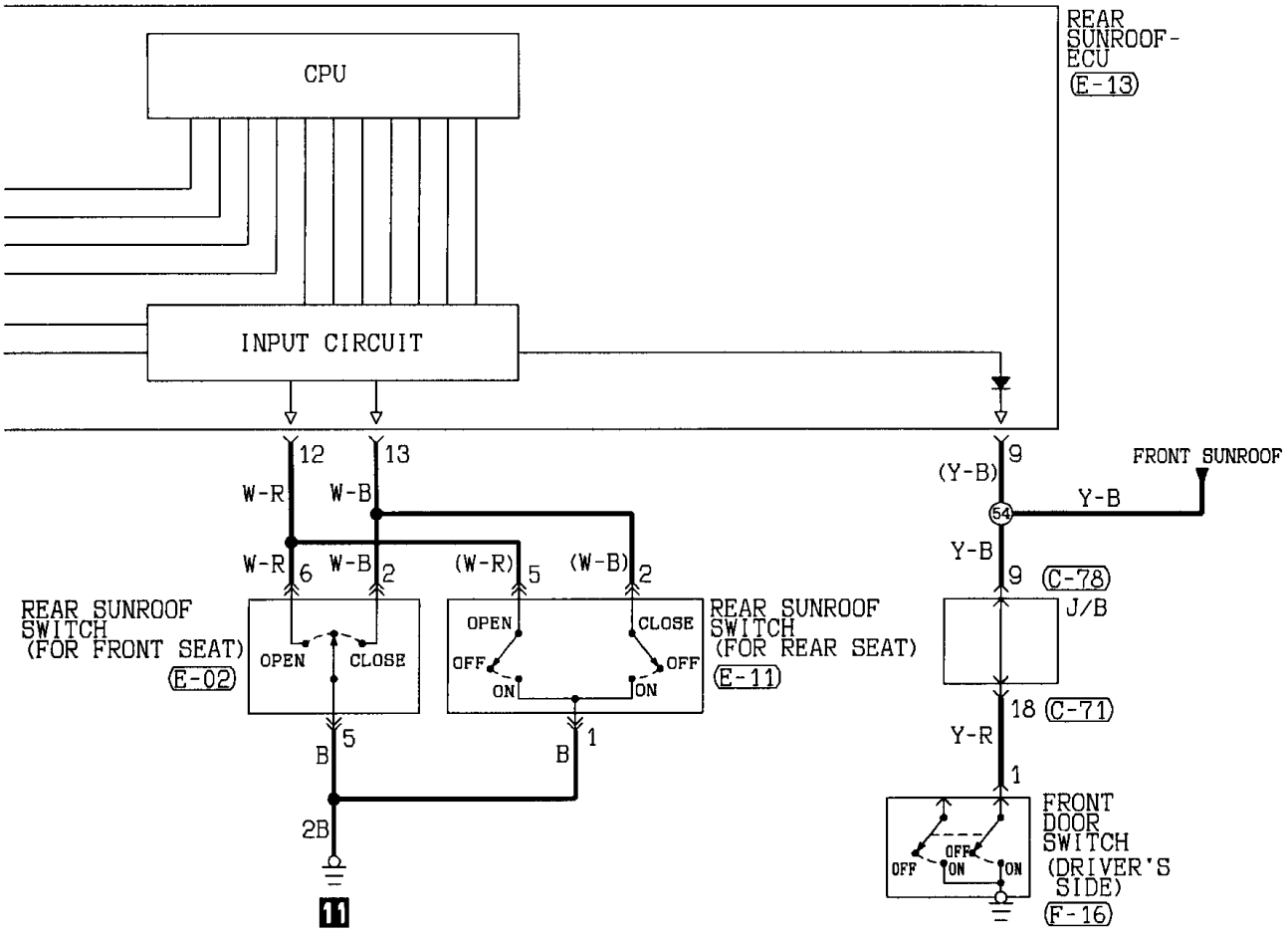
HW15E03AB

REAR SUNROOF





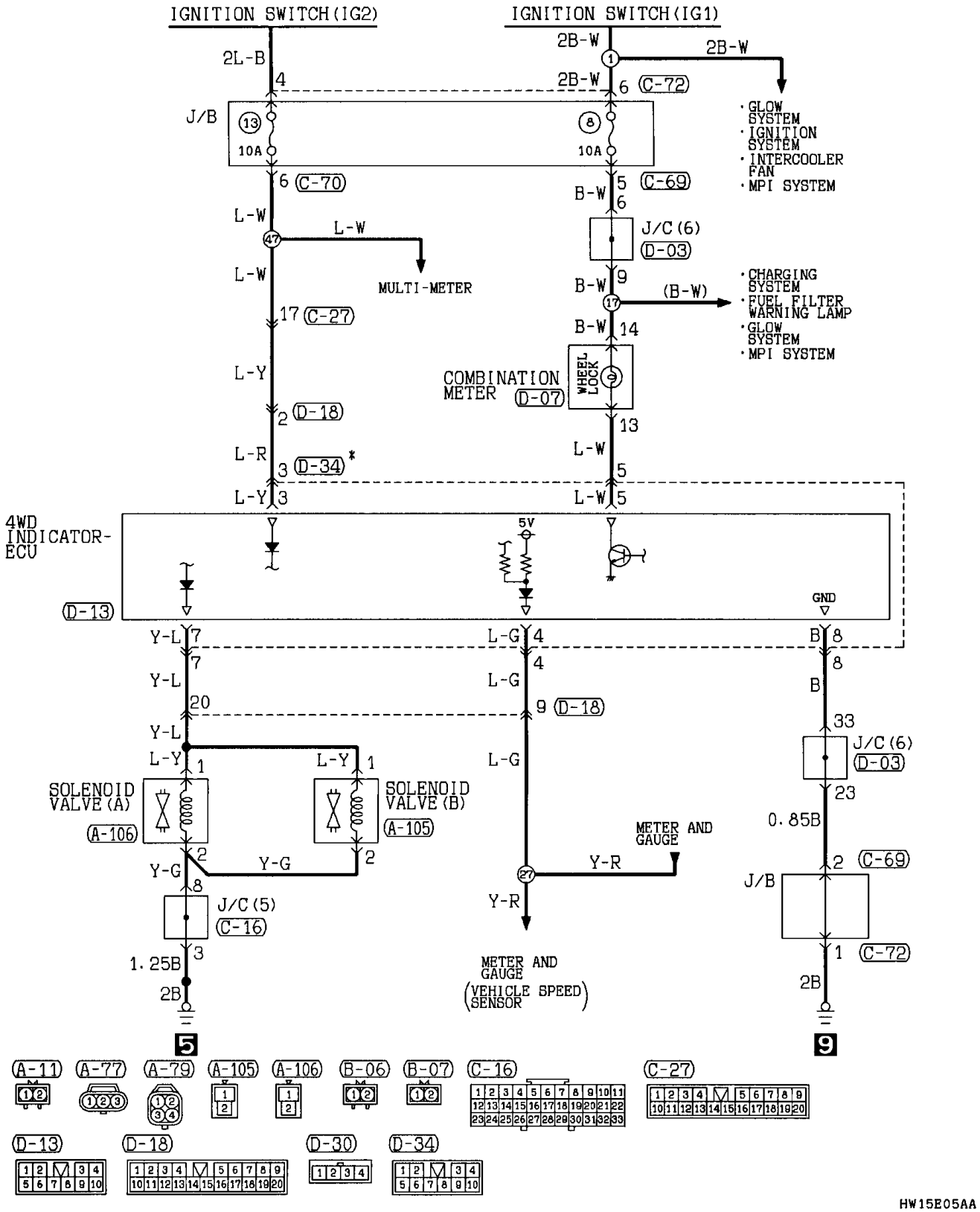
HW15E04AA

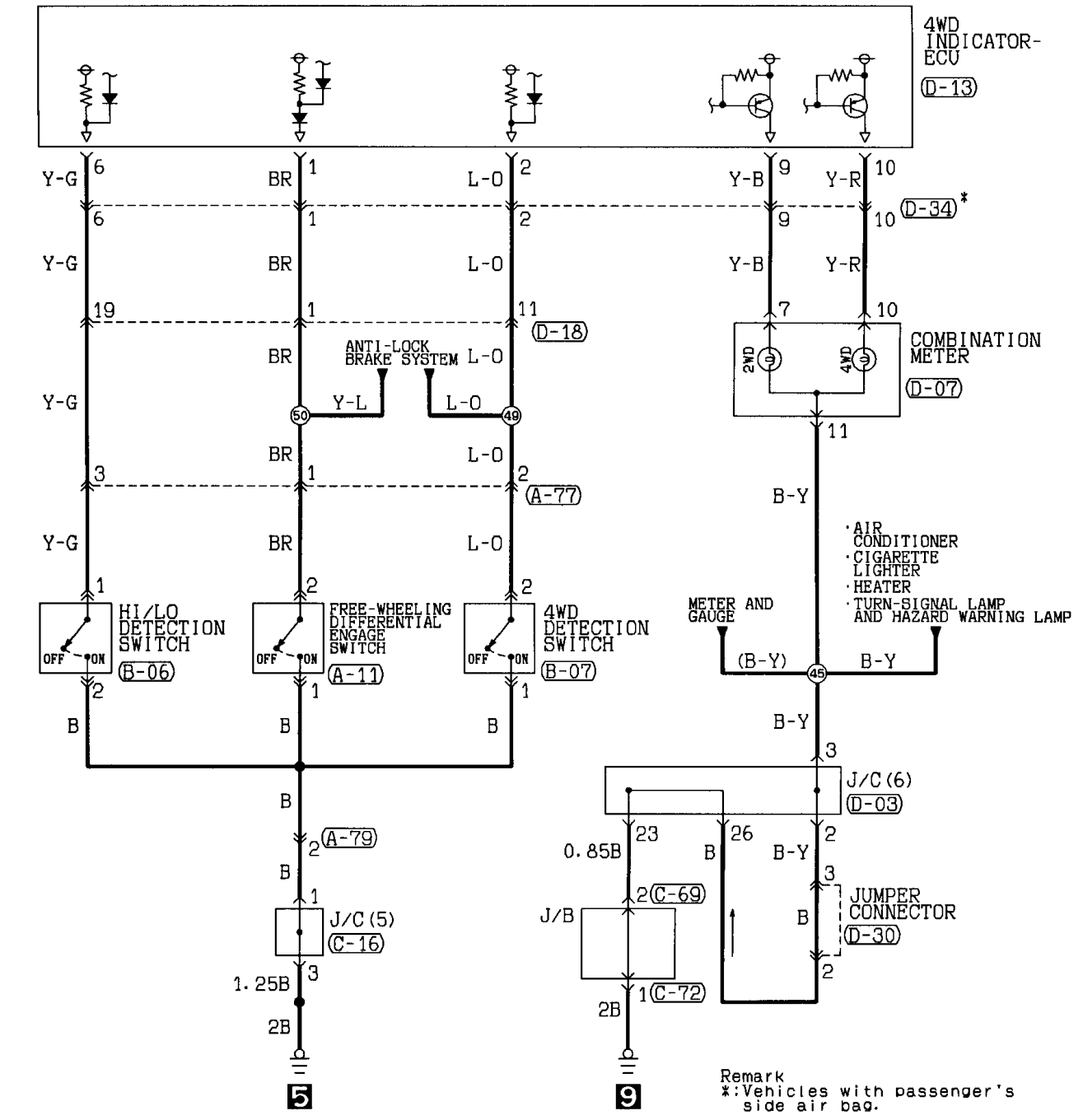


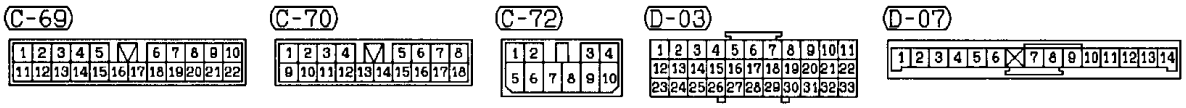
Wire colour code
B :Black LG:Light green G :Green L :Blue W :White Y :Yellow SB:Sky blue
BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

HW15E04AB

PART TIME 4WD SYSTEM





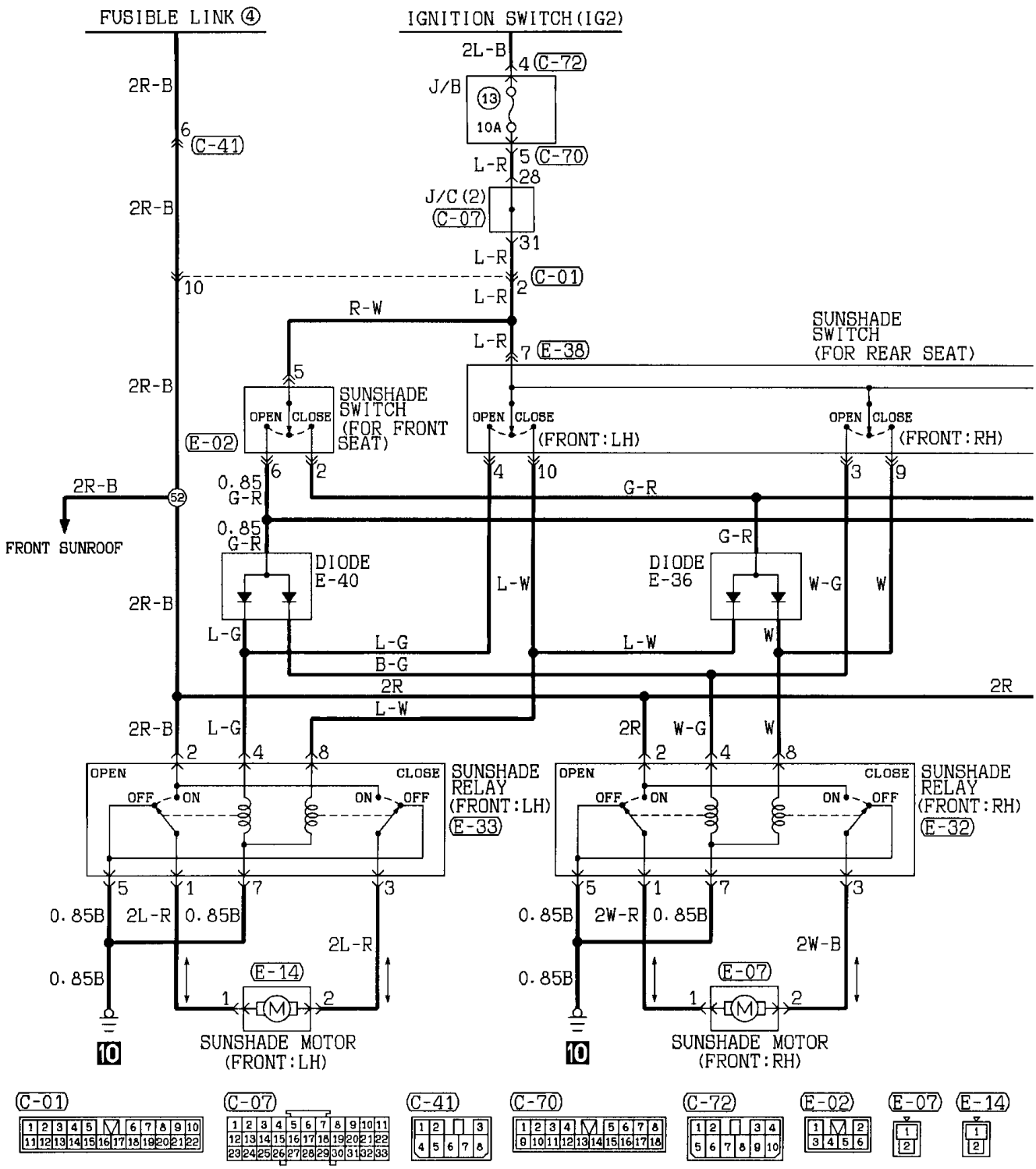


Wire colour code

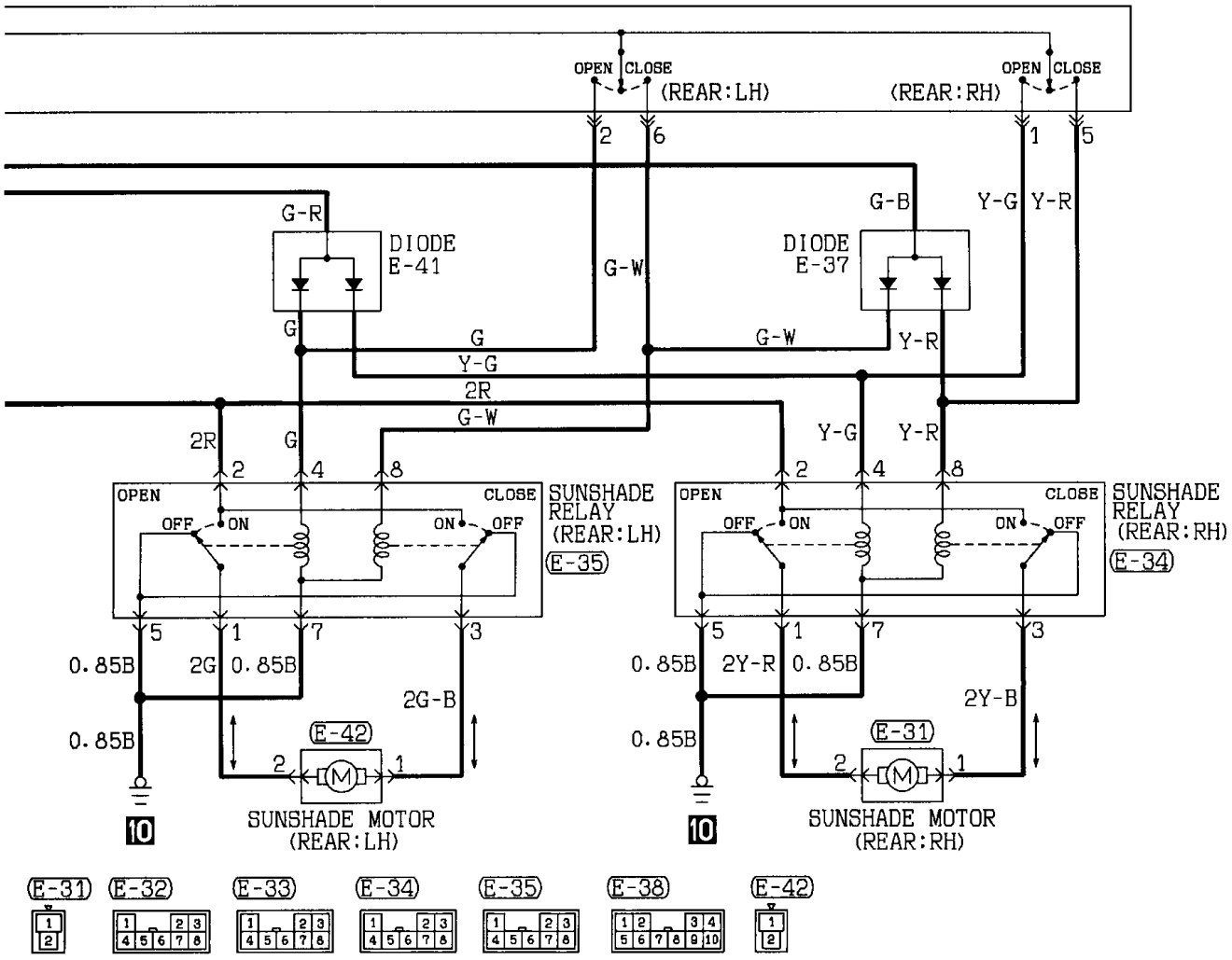
B :Black	LG:Light green	G :Green	L :Blue	W :White	Y :Yellow	SB:Sky blue	
BR:Brown	O :Orange	GR:Gray	R :Red	P :Pink	V :Violet		

HW15E05AB

CRYSTAL LITE ROOF SUNSHADE



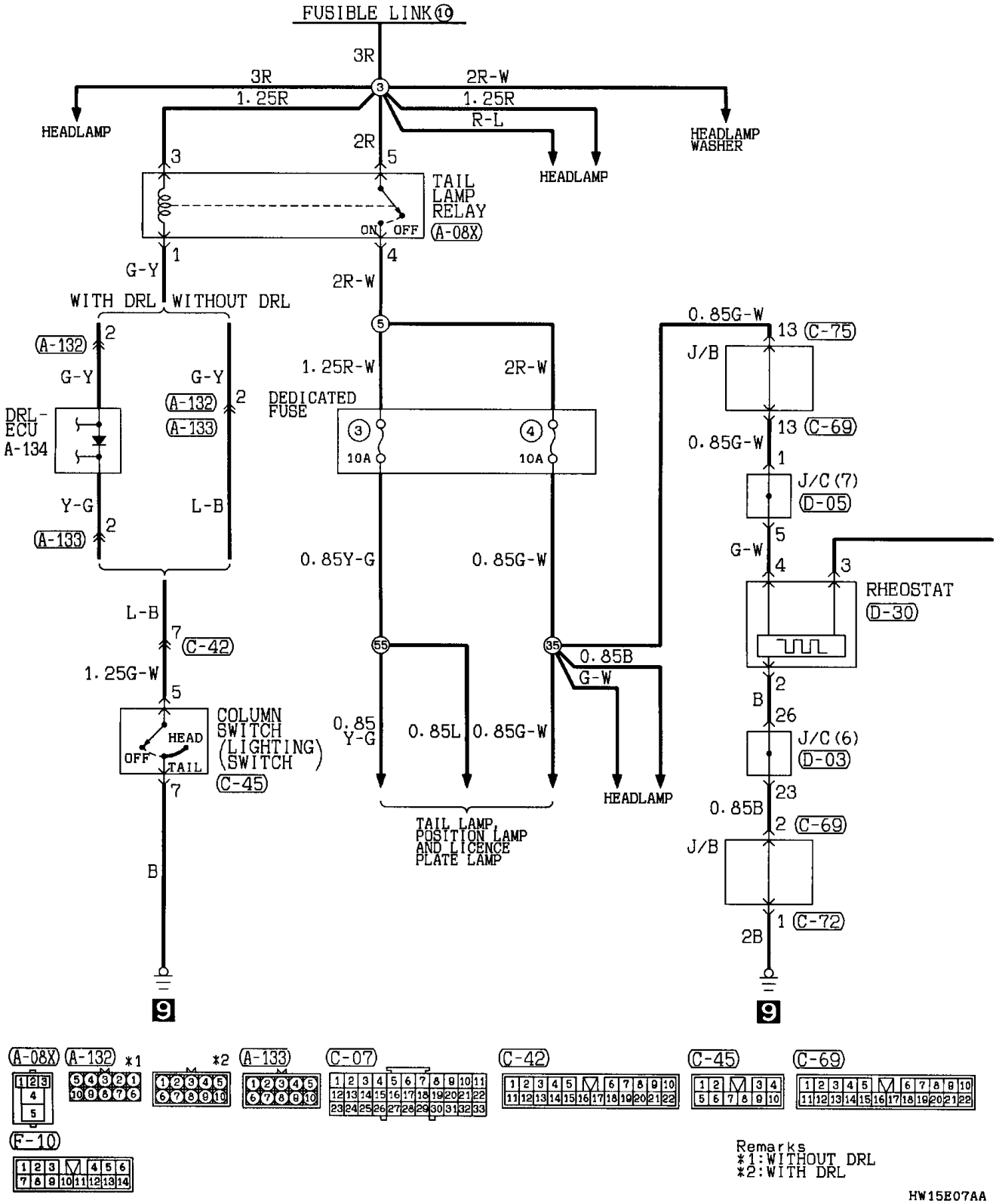
HW15E06AA

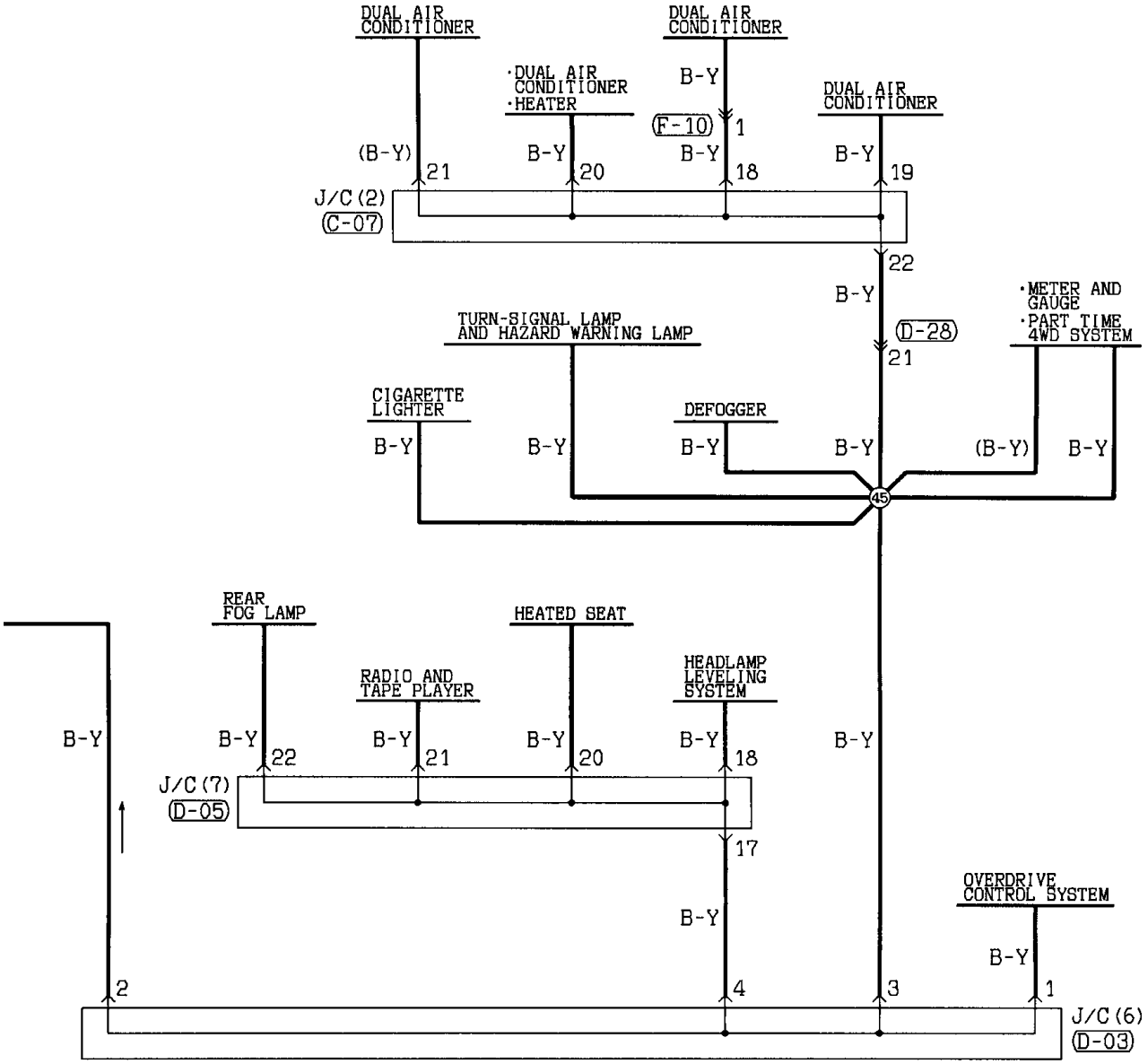


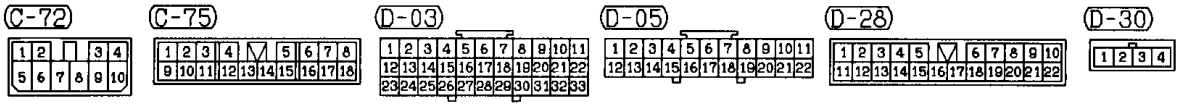
Wire colour code
B :Black LG:Light green G :Green L :Blue W :White Y :Yellow SB:Sky blue
BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

HW15E06AB

RHEOSTAT


FUSIBLE LINK (19)
3R
3R
1.25R
2R-W
1.25R
R-L
HEADLAMP
HEADLAMP WASHER
HEADLAMP
2R
TAIL LAMP RELAY
(A-08X)
ON
OFF
G-Y
2R-W
WITH DRL
WITHOUT DRL
(A-132)
G-Y
G-Y
(A-132)
(A-133)
DRL-ECU A-134
Y-G
L-B
(A-133)
L-B
(C-42)
1.25G-W
COLUMN SWITCH (LIGHTING SWITCH)
(C-45)
OFF
HEAD
TAIL
B
DEDICATED FUSE
1.25R-W
2R-W
10A
10A
0.85Y-G
0.85G-W
0.85
Y-G
0.85L
0.85G-W
HEADLAMP
TAIL LAMP, POSITION LAMP AND LICENCE PLATE LAMP
0.85G-W
(C-75)
J/B
(C-69)
0.85G-W
J/C (7)
(D-05)
G-W
RHEOSTAT
(D-30)
0.85B
G-W
B
J/C (6)
(D-03)
0.85B
(C-69)
J/B
(C-72)
2B
(A-08X)
(A-132)
*1
*2
(A-133)
(C-07)
(C-42)
(C-45)
(C-69)
(F-10)
Remarks
*1: WITHOUT DRL
*2: WITH DRL
HW15E07AA



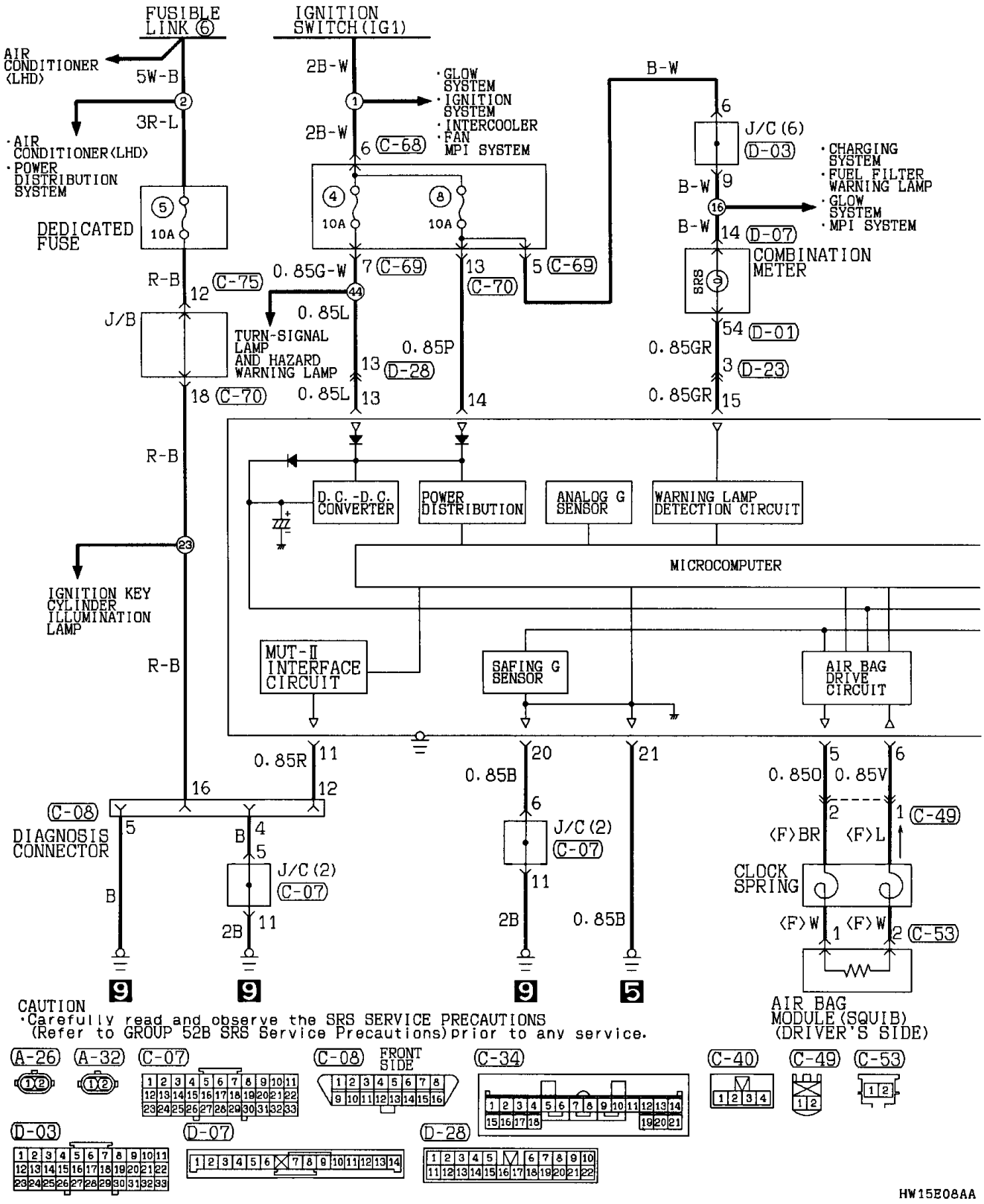


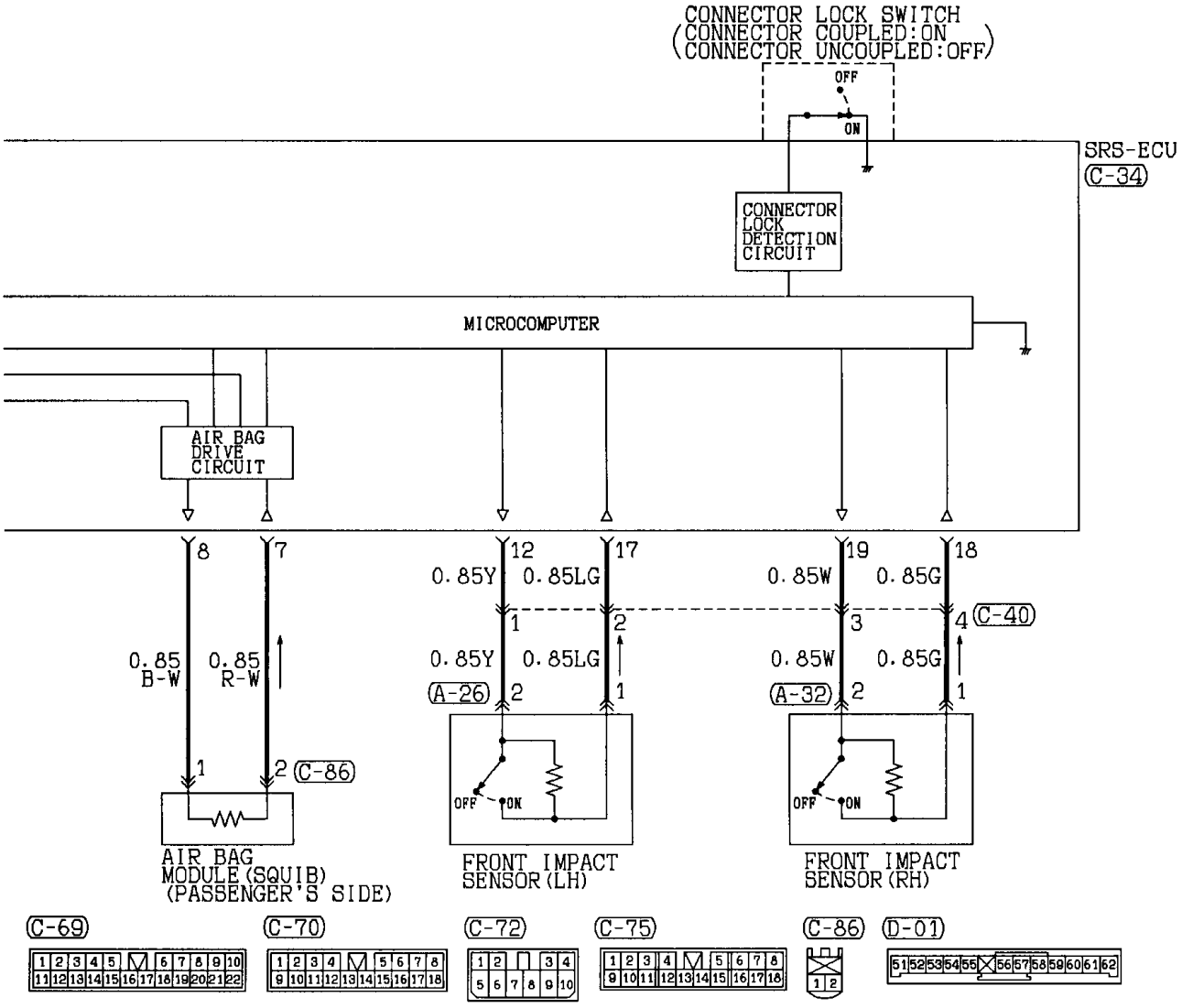
Wire colour code

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		

HW15E07AB

SUPPLEMENTAL RESTRAINT SYSTEM (SRS)

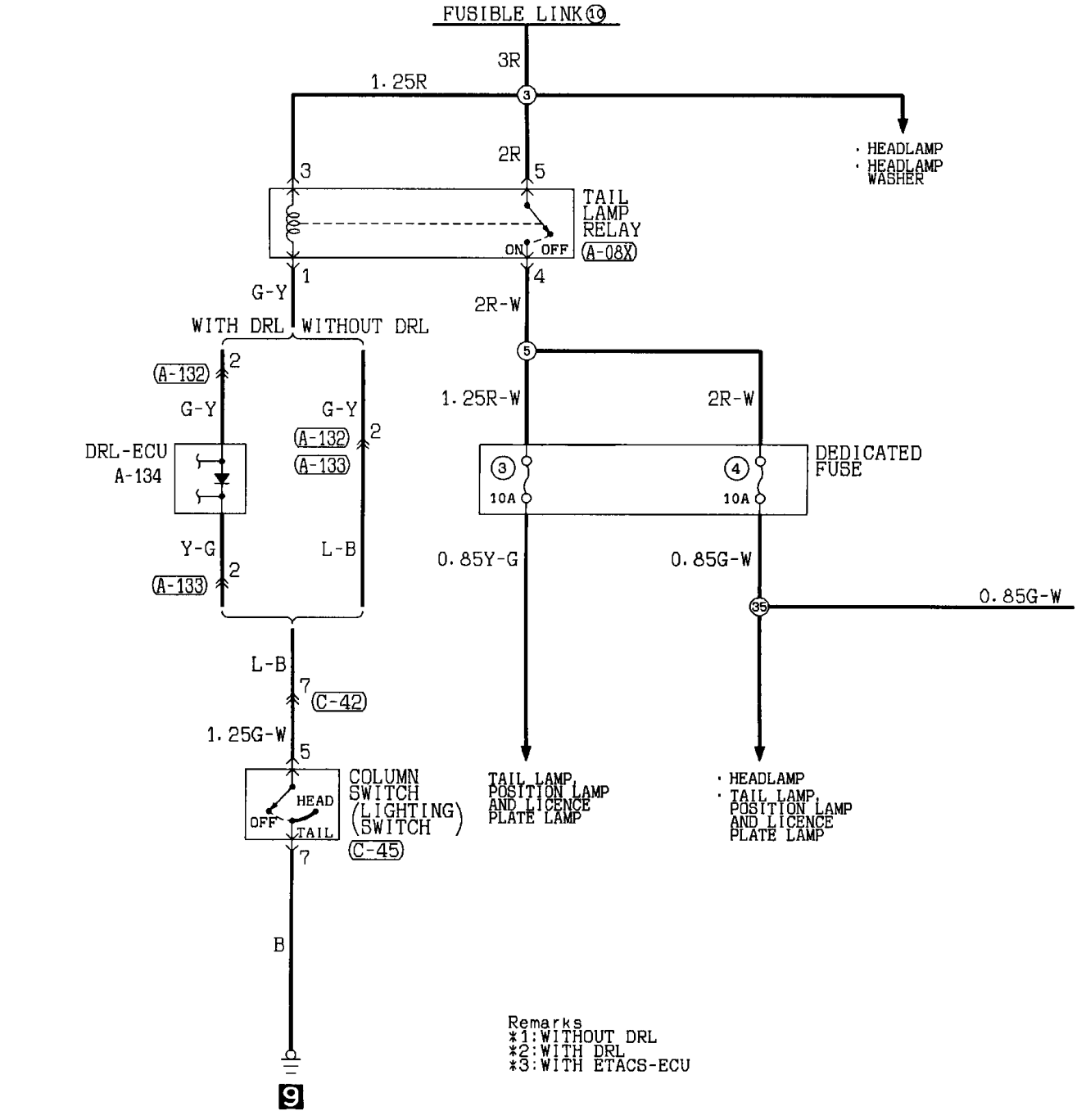


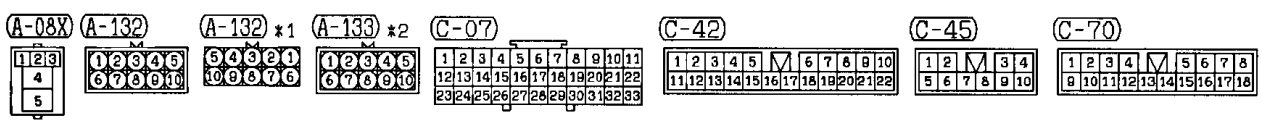

CONNECTOR LOCK SWITCH
(CONNECTOR COUPLED:ON
CONNECTOR UNCOUPLED:OFF)
OFF
ON
SRS-ECU
C-34
CONNECTOR LOCK DETECTION CIRCUIT
MICROCOMPUTER
AIR BAG DRIVE CIRCUIT
8
7
0.85 B-W
0.85 R-W
1
2 C-86
AIR BAG MODULE (SQUIB) (PASSENGER'S SIDE)
12
17
0.85Y
0.85LG
1
2
0.85Y
0.85LG
A-26
2
1
OFF
ON
FRONT IMPACT SENSOR (LH)
19
18
0.85W
0.85G
3
4 C-40
0.85W
0.85G
A-32
2
1
OFF
ON
FRONT IMPACT SENSOR (RH)
C-69
C-70
C-72
C-75
C-86
D-01

HW15E08AB

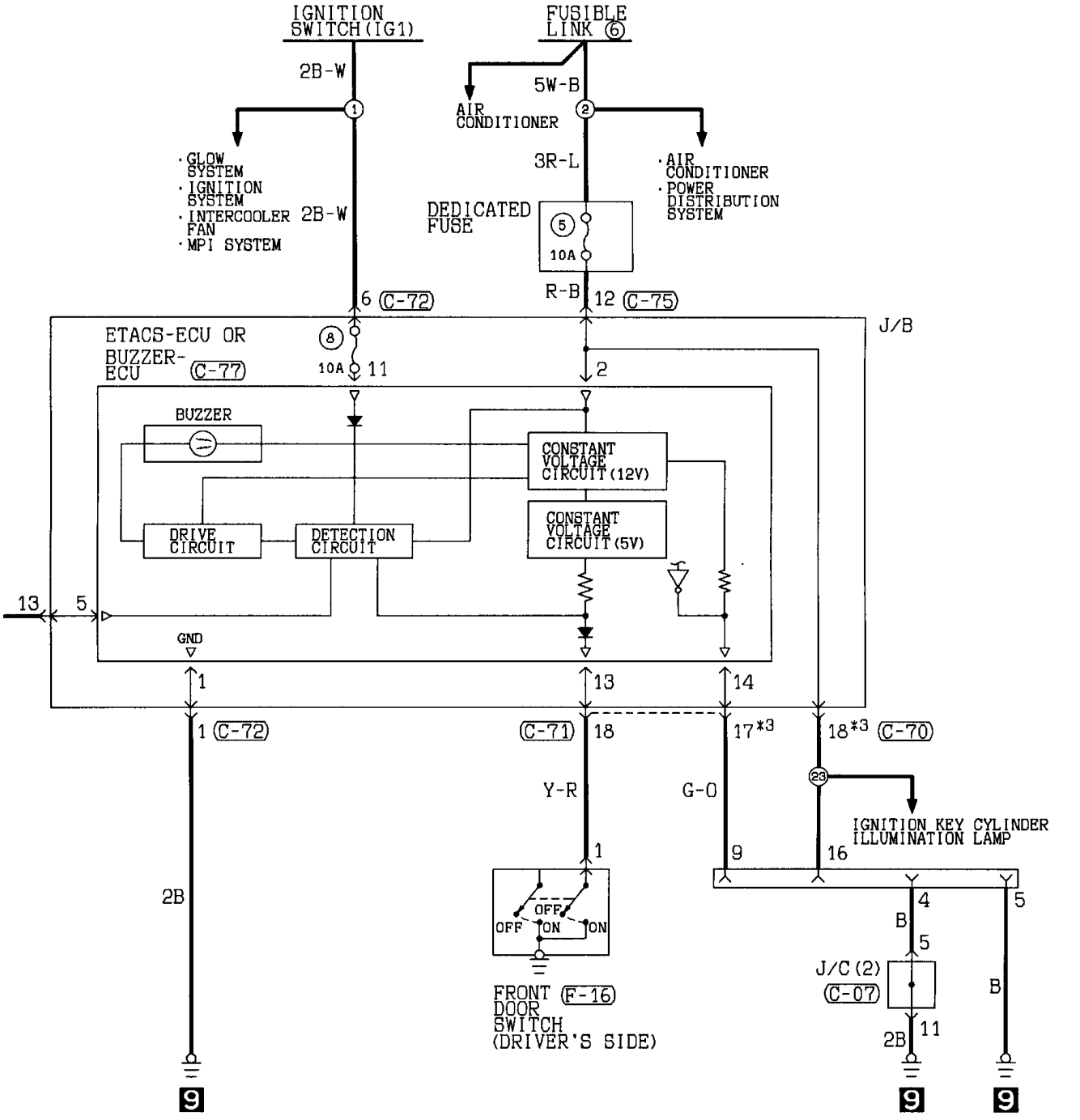
LIGHTING MONITOR BUZZER

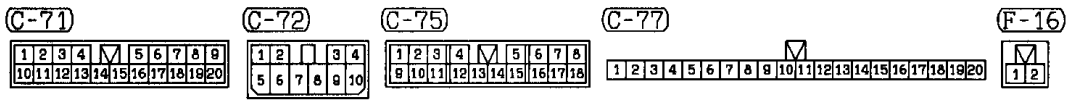
L.H. drive vehicles





HW15E09AA





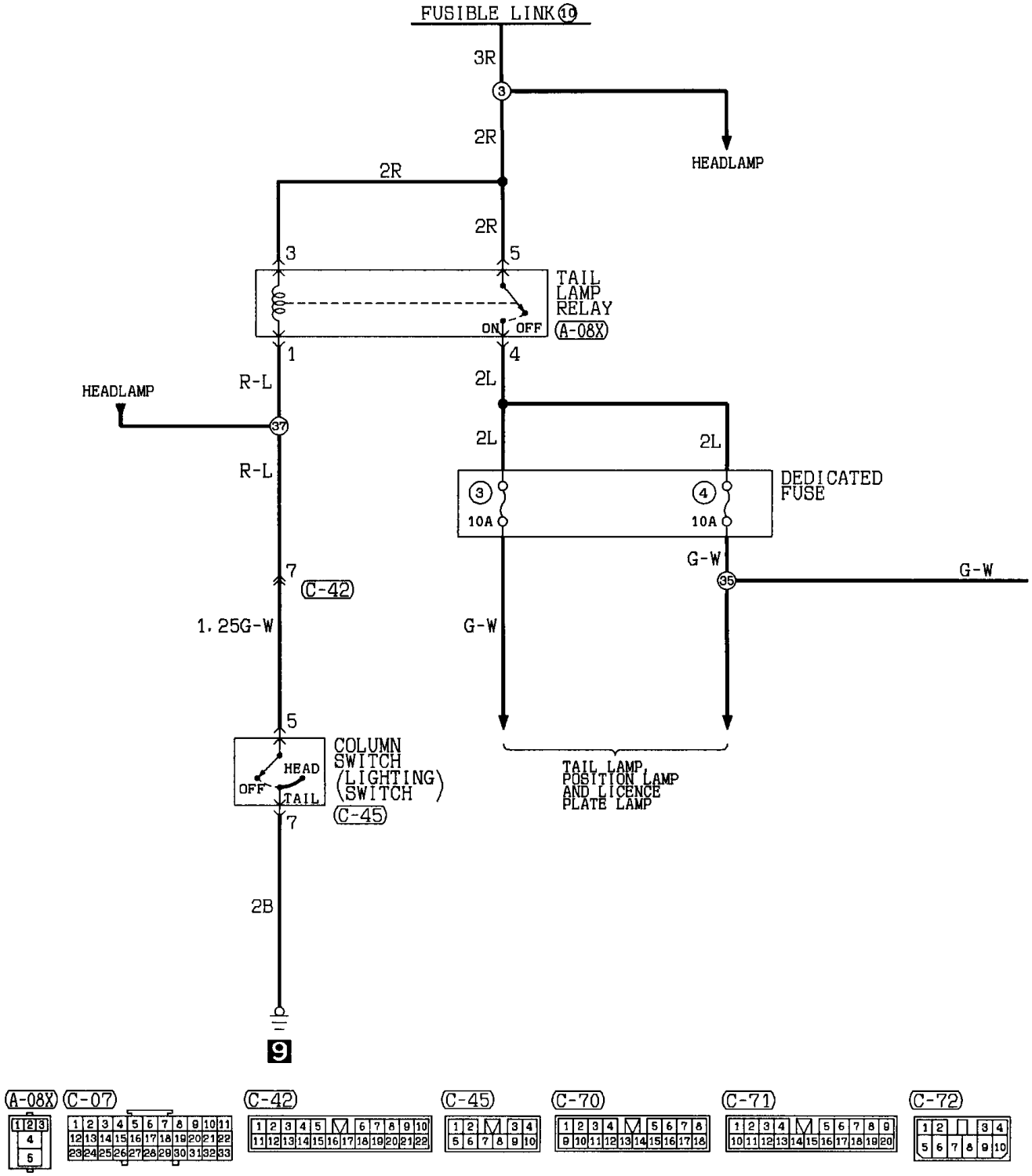
Wire colour code

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	

HW15E09AB

LIGHTING MONITOR BUZZER

R.H. drive vehicles



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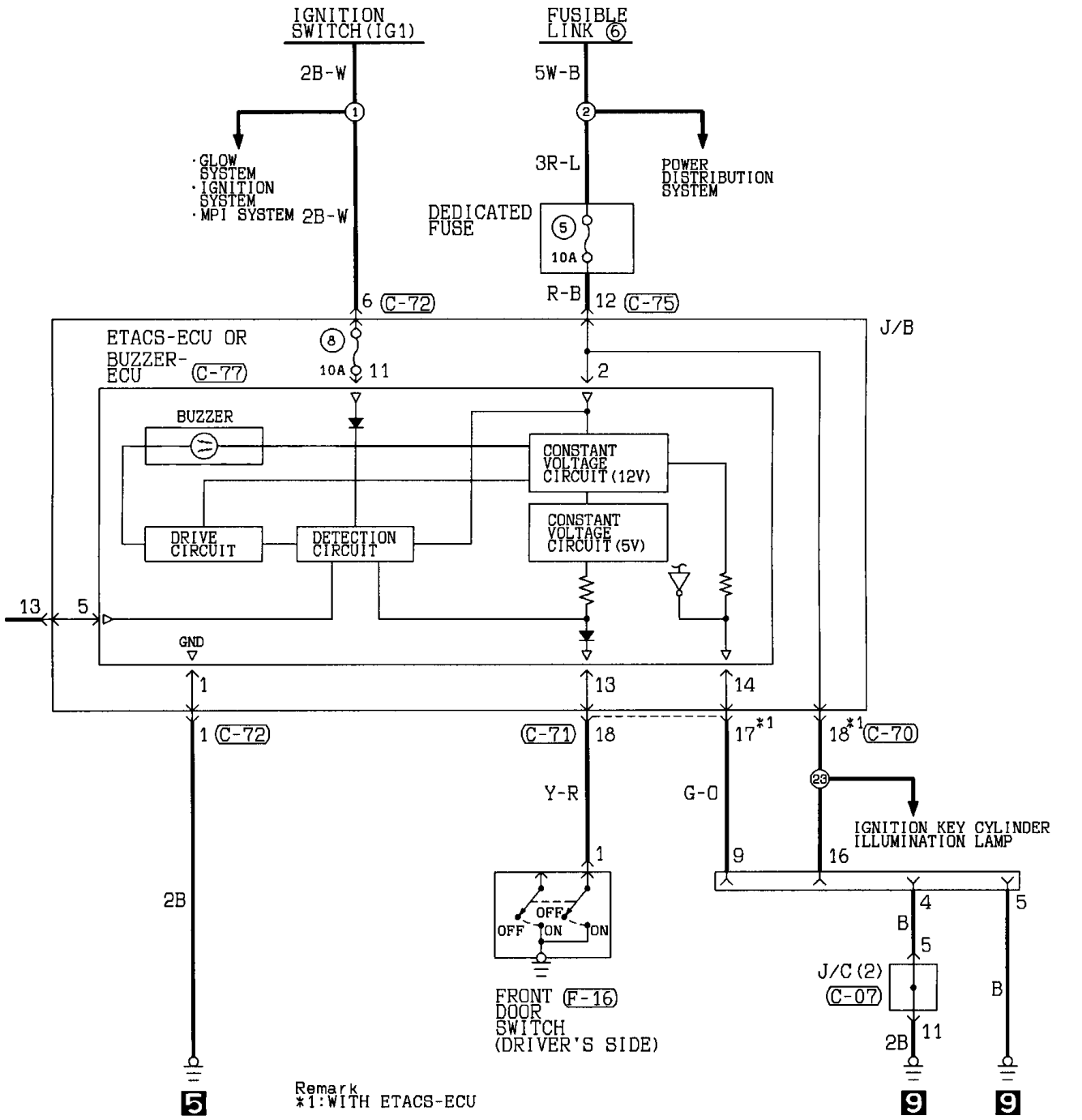
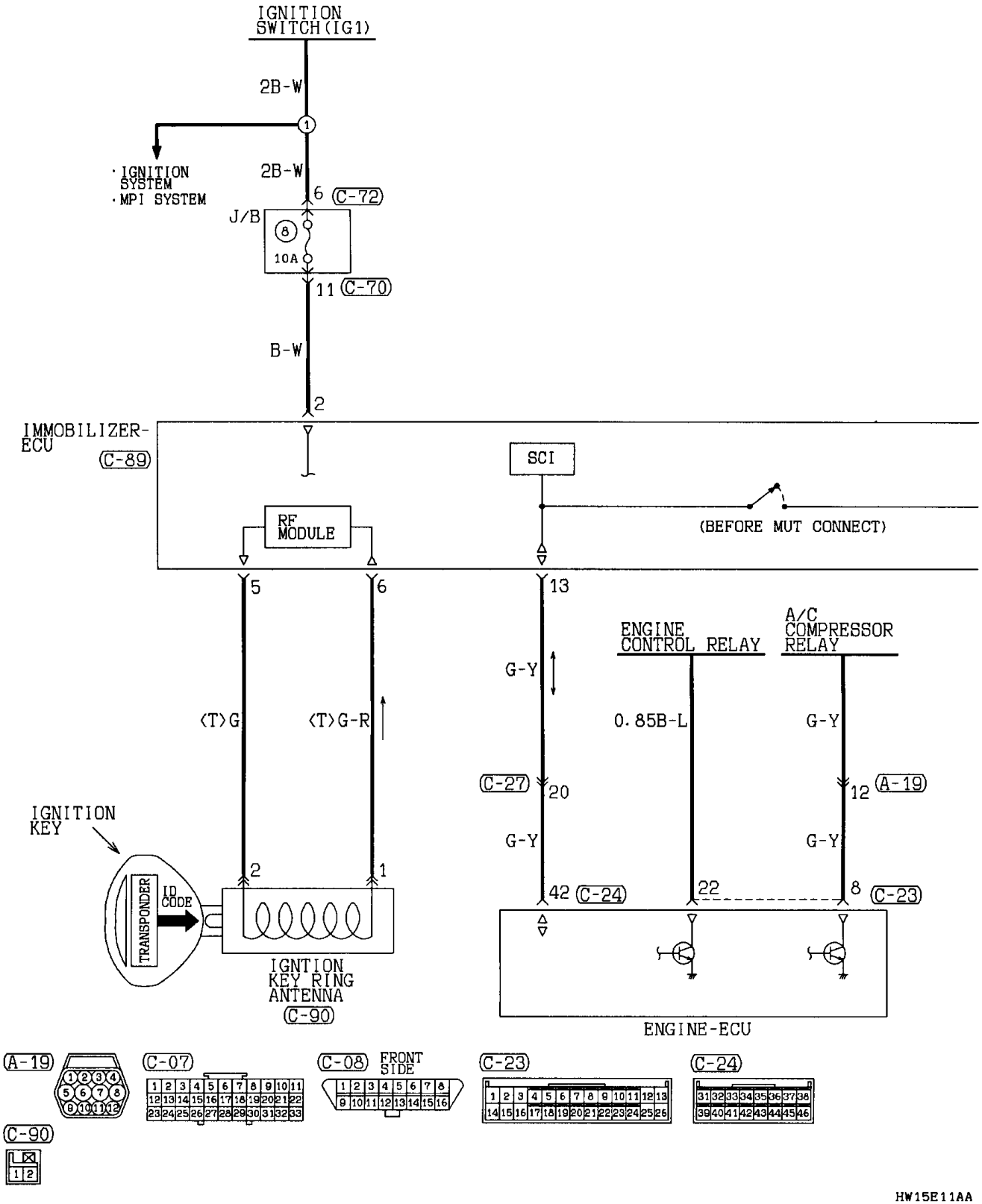

IGNITION SWITCH(IG1)
FUSIBLE LINK ⑥
2B-W
5W-B
·GLOW SYSTEM
·IGNITION SYSTEM
·MPI SYSTEM
2B-W
3R-L
POWER DISTRIBUTION SYSTEM
DEDICATED FUSE
10A
R-B
6 C-72
12 C-75
J/B
ETACS-ECU OR BUZZER-ECU C-77
10A
11
2
BUZZER
CONSTANT VOLTAGE CIRCUIT(12V)
CONSTANT VOLTAGE CIRCUIT(5V)
DRIVE CIRCUIT
DETECTION CIRCUIT
13
5
GND
1
13
14
1 C-72
C-71
18
17*1
18*1 C-70
Y-R
G-O
IGNITION KEY CYLINDER ILLUMINATION LAMP
2B
OFF
ON
FRONT DOOR SWITCH (DRIVER'S SIDE) F-16
J/C(2) C-07
Remark
*1:WITH ETACS-ECU
C-75
C-77
F-16
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
HW15E10AB

IMMOBILIZER SYSTEM

Petrol-powered vehicles



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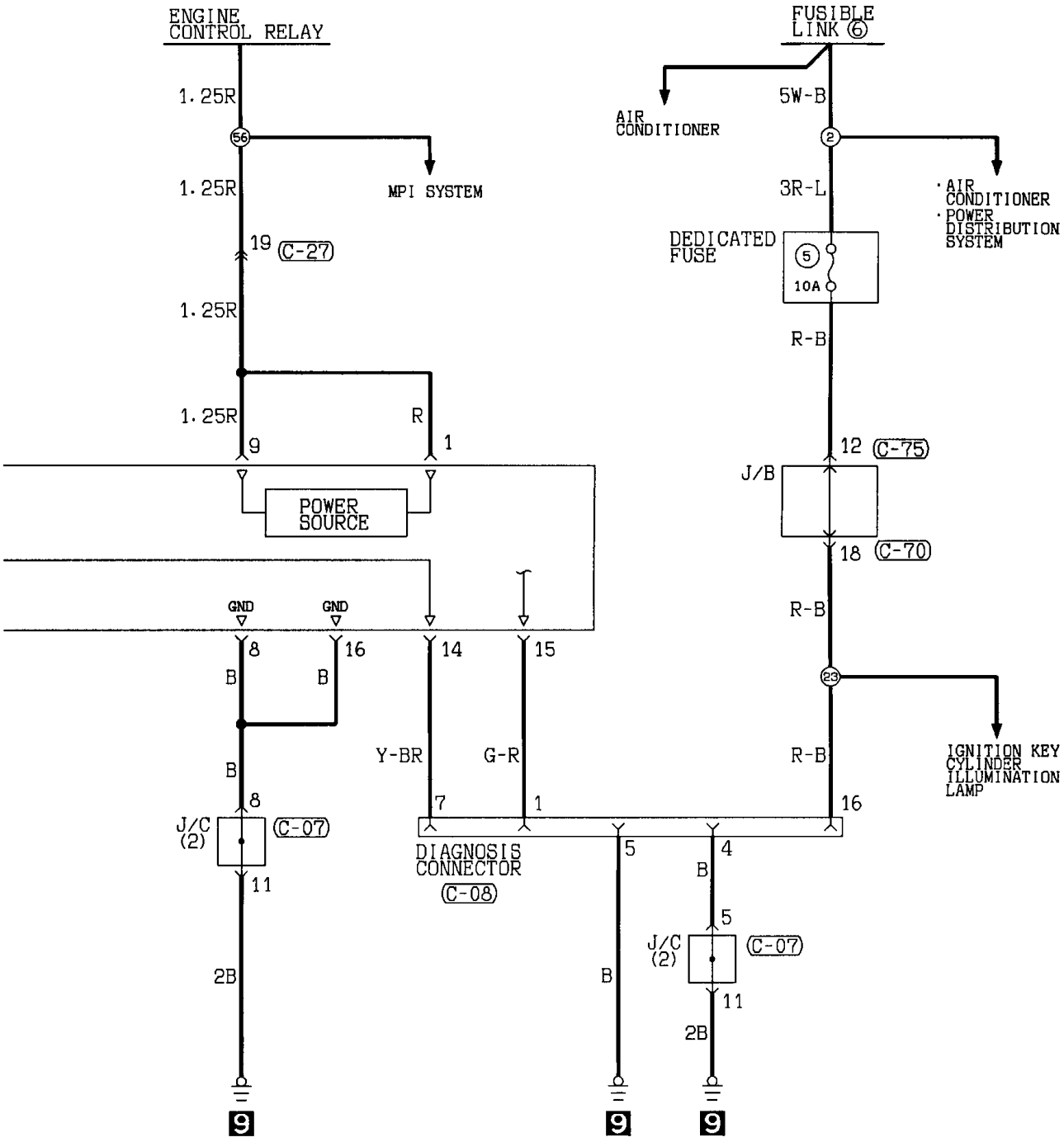
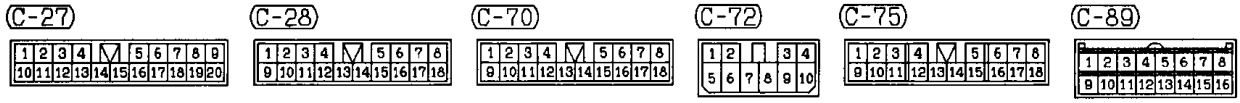


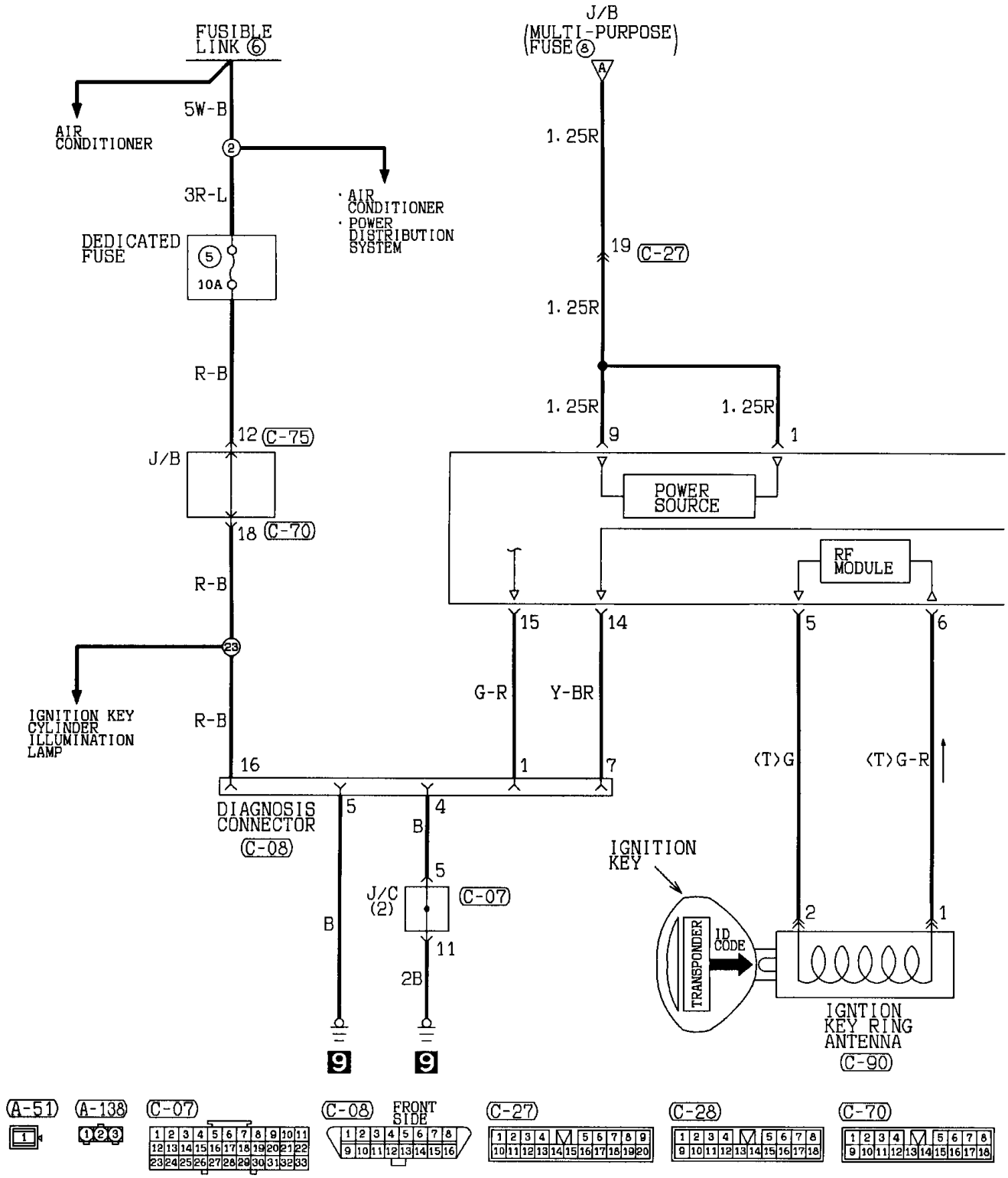


Wire colour code
B :Black LG:Light green G :Green L :Blue W :White Y :Yellow SB:Sky blue
BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

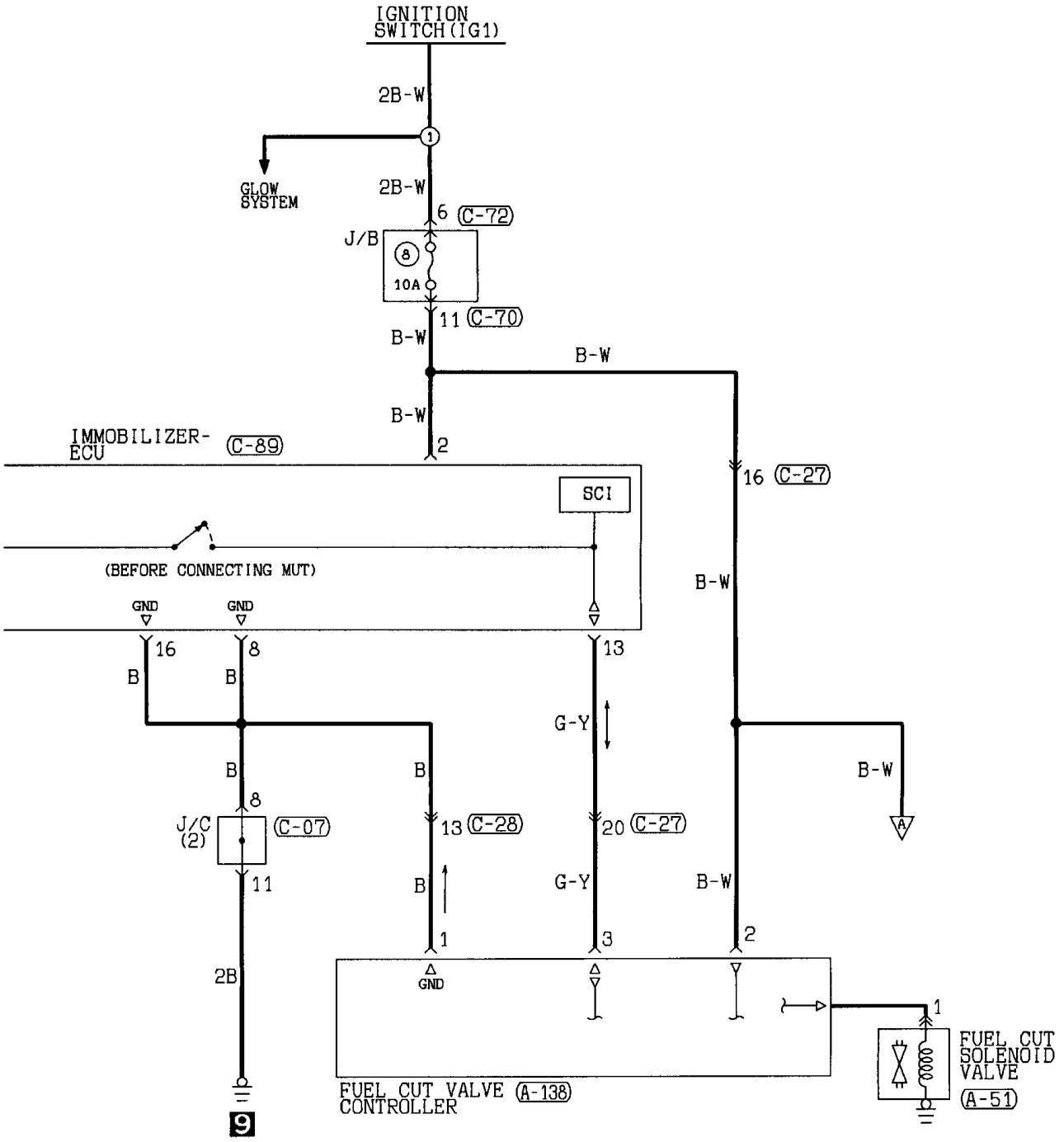
HW15E11AB

IMMOBILIZER SYSTEM

Diesel-powered vehicles



HW15E12AA



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

HW15E12AB

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