

# OUTLANDER

## ELECTRICAL WIRING

### GROUP INDEX

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### FOREWORD

This Electrical Wiring Manual contains information necessary for the inspection and servicing of electrical wiring of Mitsubishi OUTLANDER edited in the form of wiring harness configuration diagrams and function-separated circuit diagrams.

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  
INZE03E1

WORKSHOP MANUAL  
CHASSIS GROUP  
CNZE03E1  
BODY REPAIR MANUAL  
BNZE03E1

PARTS CATALOGUE  
B606R503A\_

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

 MITSUBISHI MOTORS CORPORATION

# **WARNINGS REGARDING SERVICING OF SUPPLEMENTAL RESTRAINT SYSTEM (SRS) EQUIPPED VEHICLES**

## **WARNING**

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

## **HOW TO USE THIS MANUAL**

### **CONTENTS**

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

### **PAGE NUMBERS**

All page numbers consists 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**

In the GROUP 3 circuit diagrams, the operation and troubleshooting hints are given on the previous page or following page for each circuit where necessary.

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**GROUP 0****GENERAL****CONTENTS**

<b>MODELS .....</b>	<b>0-2</b>	HOW TO READ CIRCUIT DIAGRAMS .....	<b>0-4</b>
<b>HOW TO READ THE WIRING DIAGRAMS .....</b>	<b>0-2</b>	MARKING FOR CONNECTOR AND EARTHING .....	<b>0-6</b>
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**MODELS**

M3000000100339

Model code		Engine model	Transmission model	Fuel supply system
CU2W	XNMMML6	4G63-DOHC (1,997 mL)	F5M42 <2WD, 5M/T>	MPI
	XNMMZL6		W5M42 <4WD, 5M/T>	
	XNHMZL6			

**HOW TO READ THE WIRING DIAGRAMS****COMPOSITION AND CONTENTS OF WIRING DIAGRAMS**

M3000008000080

1. This manual consists of wiring harness diagrams, installation locations of individual parts, circuits diagrams and index.
2. In each section, all specifications are listed, including optional specifications. Accordingly, some specifications may not be applicable for individual vehicles.

Section	Basic contents
Wiring harness configuration diagrams	Connector locations and harness wiring configurations on actual vehicles are illustrated.
Single part installation position	Locations are shown for each point of relays, electronic control units, sensors, solenoids, solenoid valves, diodes, inspection connectors, spare connectors, fusible links, fuses, etc. In the part's lists, parts are listed in alphabetical order.
Circuit diagrams	<p>Circuits from power supply to earth are shown completely, classified according to system. There is a main division into power circuits and circuits classified by system. The circuits classified by system also include operation and troubleshooting hints.</p> <ul style="list-style-type: none"> <li>• Junction block The entire circuit for the junction block is described, because only the part of the junction block needed is normally shown in each circuit diagram.</li> <li>• Joint connectors The internal circuits for all joint connectors are described, because only the part needed is shown in each circuit diagram.</li> <li>• Power supply circuits Circuits from the battery to fusible link, fuses, ignition switch, etc.</li> <li>• Circuits classified by system For each system, the circuits are shown from fuse to earth, excluding the power supply sections.</li> <li>• Operation The standard operation of each system is briefly described, following the route of current flow.</li> <li>• Troubleshooting hints This is a brief explanation of the inspection points that serve as hints when troubleshooting. Explanations of the circuits controlled by the electronic control unit are omitted. Refer to the related publications as required.</li> </ul>
Index	All components used are listed by connector number and component name.

## HOW TO READ CONFIGURATION DIAGRAMS

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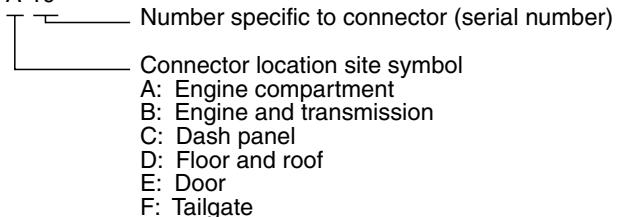
The wiring harness diagrams clearly show the connector locations and harness routings at each site on actual vehicles.

Denotes connector No.

The same connector No. is used throughout the circuit diagrams to facilitate connector location searches.

The first alphabetical symbol indicates the location site of the connector and a number that follows is the unique number. Numbers are usually assigned to parts in clockwise order on the diagram.

Example: A-19



Denotes earth point.

Same earth number is used throughout circuit diagrams to facilitate search of earth point.

Refer to GROUP 2 SINGLE PART INSTALLATION POSITION - EARTH MOUNTING LOCATIONS for details of earth points.

Denotes harness name.

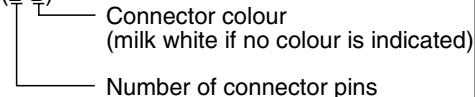
Denotes a section covered by a corrugated tube.

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

Denotes the colour of the corrugated tube (If not specified, it is black.)  
R: Red  
Y: Yellow

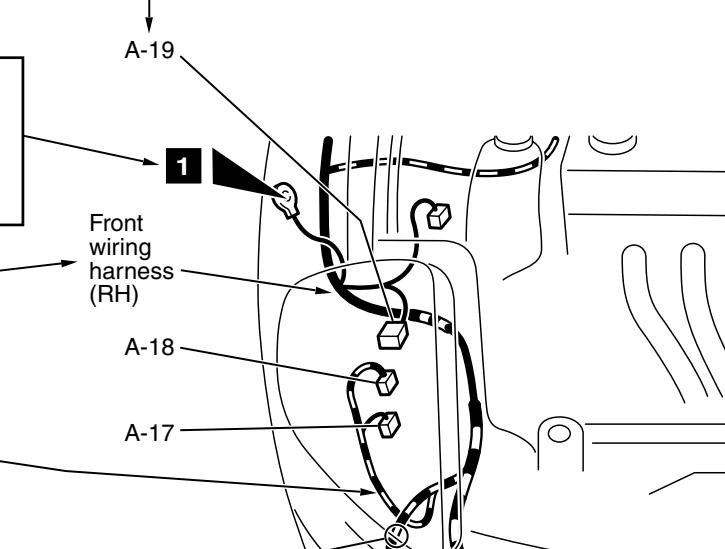
The number of connector pins and the connector colour (except milk white)\* are shown for ease of retrieval.

Example: (2-B)



\*: Typical connector colours

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



A-15 (2)  
A-16 (2-GR)  
A-17 (2-B)  
A-18 (2-B)  
A-19 (2-GR)

Fog lamp (RH)  
Horn (LO)  
Headlamp (RH)  
Windshield washer motor  
Dual pressure switch

Indicates the device to which the connector is connected.

## HOW TO READ CIRCUIT DIAGRAMS

M3000005000081

The circuit of each system from the fuse (or fusible link) to earth is shown. The power supply is shown at the top and the earth at the bottom to facilitate understanding of how the current flows.

Indicates power source.

Indicates that terminal is connected via a plate in the relay box.

Each circuit diagram consists of block(s). The blocks are divided by page number.

Indicates harness junction point numbers for another system. The number corresponds to the junction point number indicated on another circuit diagram.

Indicates the circuit name to be connected. The arrow indicates the current flow direction.

Indicates the power supply in the control unit. If no voltage is displayed, this indicates battery positive voltage.

An "X" at the end of a connector number indicates that the connector is connected to a centralized junction that is shown in the section "Centralized Junction."

Indicates that the diagram continues at ▽ which belongs to the [2] block in the same circuit.

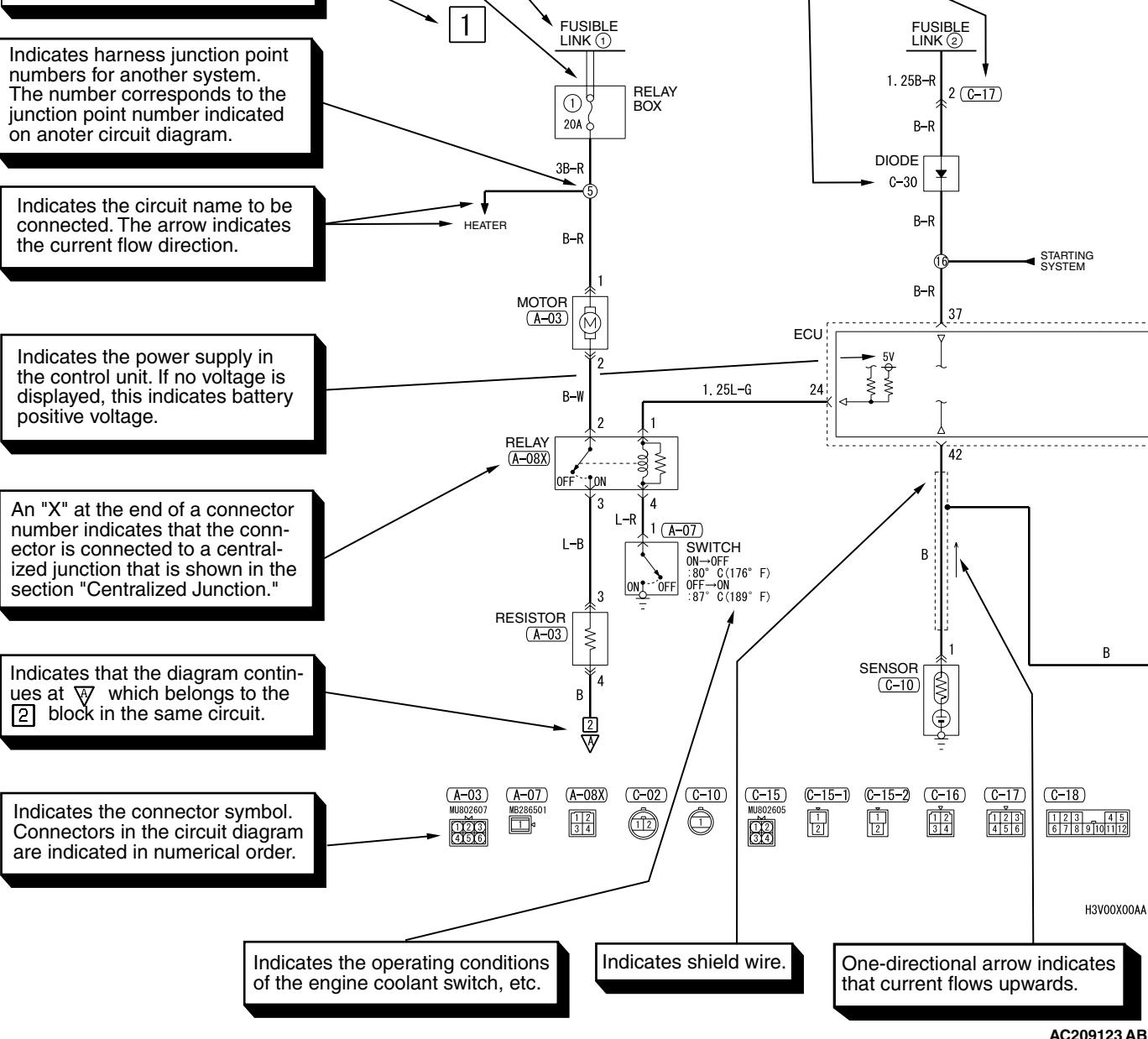
Indicates the connector symbol. Connectors in the circuit diagram are indicated in numerical order.

Indicates connector number. The same number as used in the wiring harness diagram. Connector and connector numbers are shown at the lower part of the page. Connector numbers not enclosed by frame indicate the device incorporated into wiring harness.

Indicates the operating conditions of the engine coolant switch, etc.

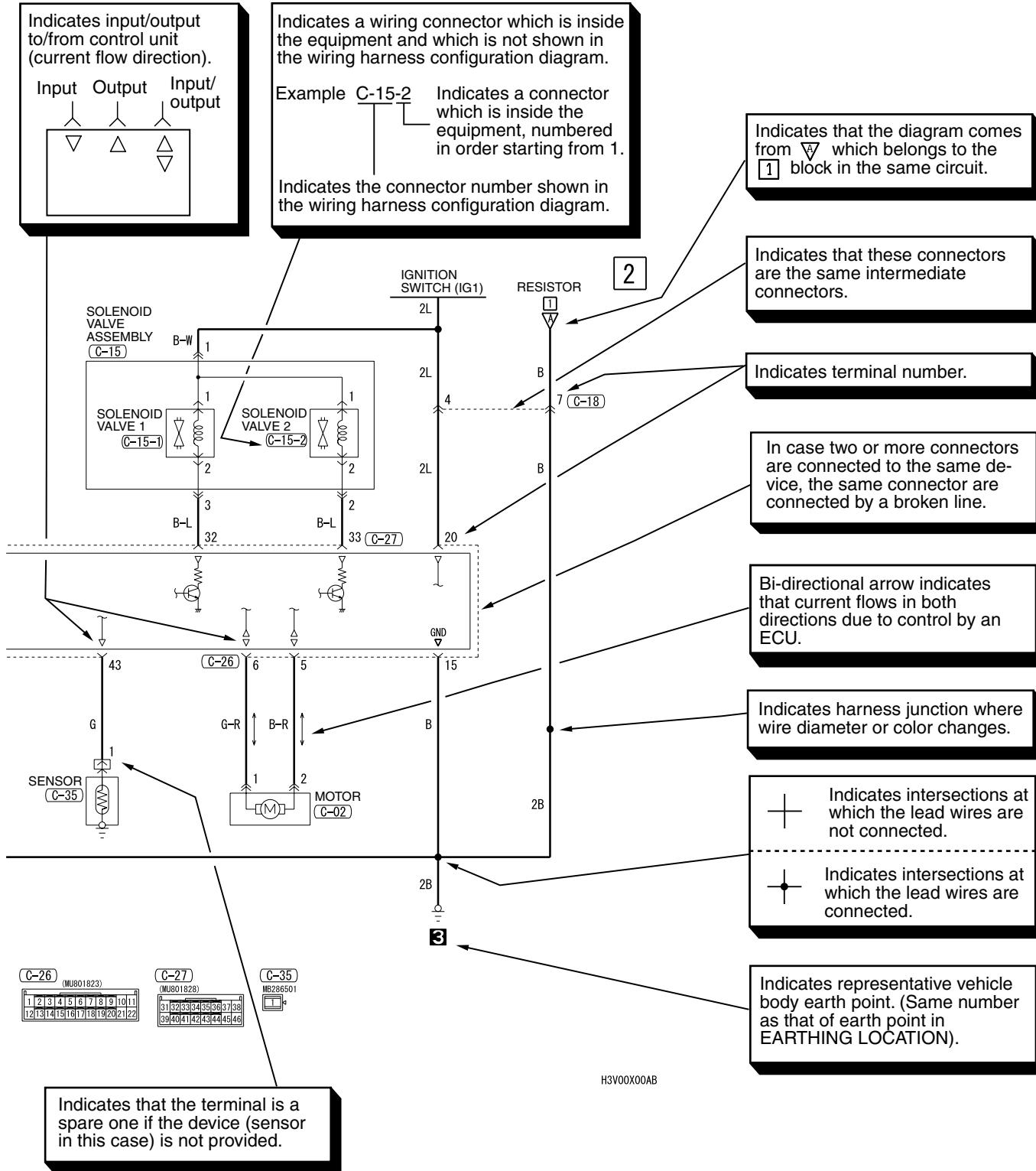
Indicates shield wire.

One-directional arrow indicates that current flows upwards.



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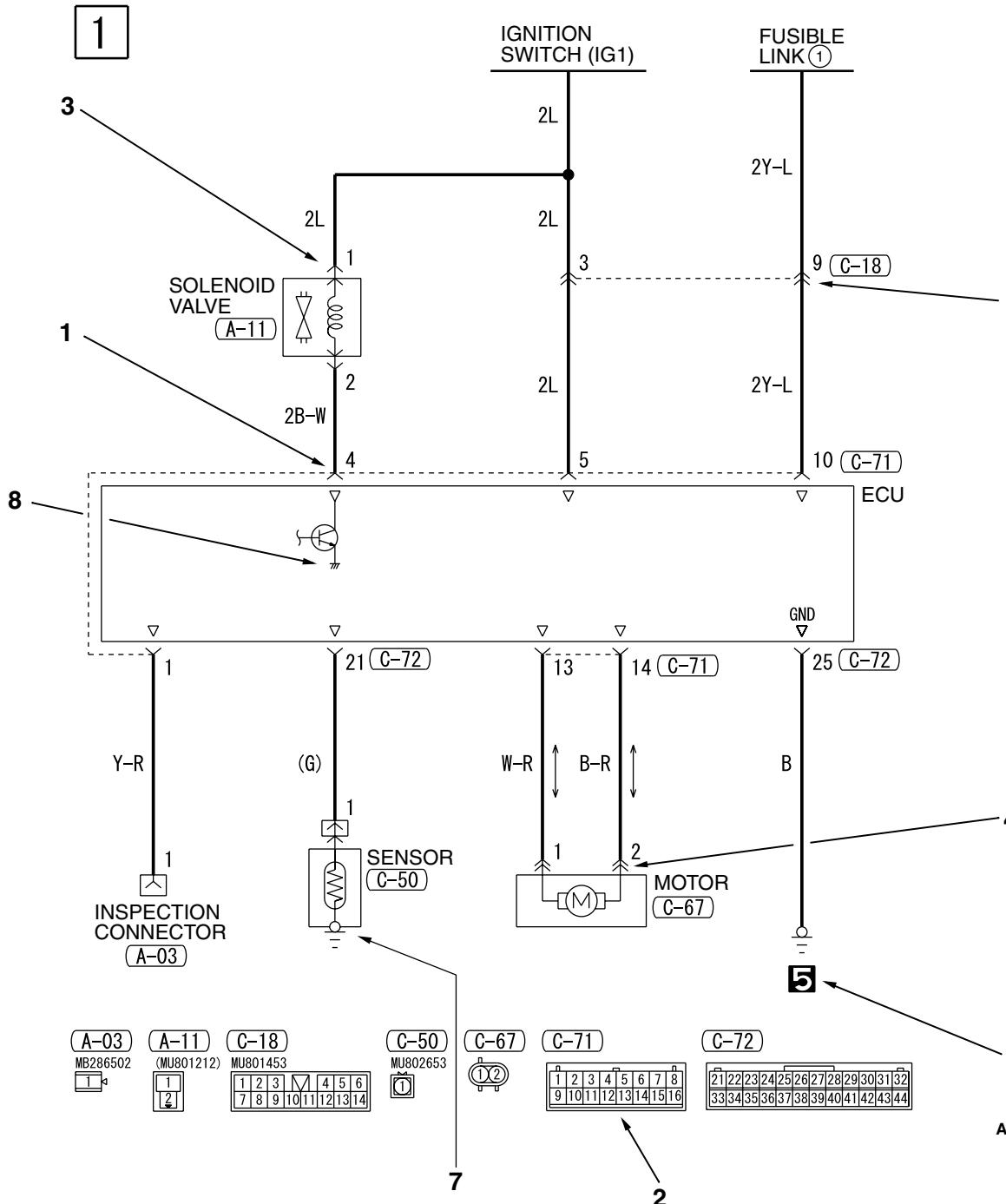
AC209123 AB

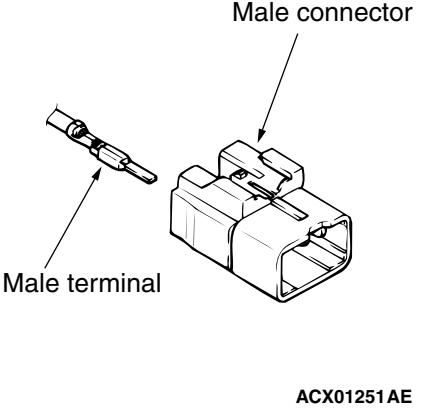
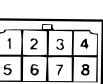
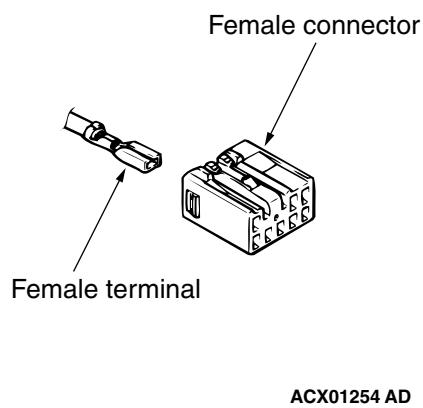
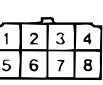
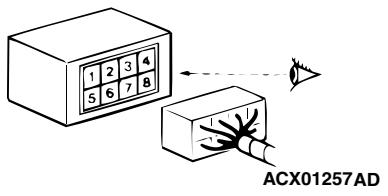
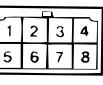
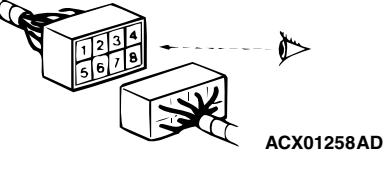
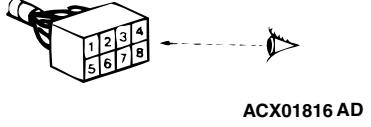
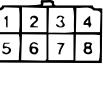


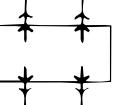
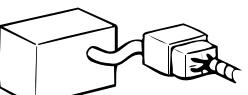
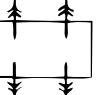
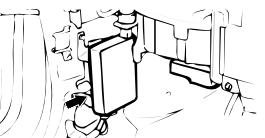
H3V00X00AB

## MARKING FOR CONNECTOR AND EARTHING

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<b>Item</b>	<b>No.</b>	<b>Connector/Earthing</b>	<b>Symbol</b>	<b>Contents</b>
Connector and terminal marking	1	 <p align="center">Male connector Male terminal  ACX01251AE ACX01252AD</p>	   ACX01253 AI	The male and female terminals are indicated as shown. The connector with male terminal(s) is called as male connector and indicated by two connector contour lines, while the connector with female terminal(s) is called as female connector and indicated by single connector contour line.
		 <p align="center">Female connector Female terminal  ACX01254 AD ACX01255 AD</p>	   ACX01256 AH	
Connector symbol marking	2	 <p align="center">Device  ACX01257AD</p>	  ACX01253	The symbol indicates the connector is viewed as shown. At a device connection, the connector symbol on the device side is shown. For an intermediate connector, the male connector symbol is shown. For spare connectors and check connectors, no device is connected, and so the harness-side connector symbol is shown for these connectors. For the diagnosis connector, its contents differ from the previous description. Refer to "MUT-II operation instruction" in detail.
		 <p align="center">Intermediate connector  ACX01258AD</p>		
		 <p align="center">Spare connector, check connector  ACX01816 AD</p>	  ACX01256	

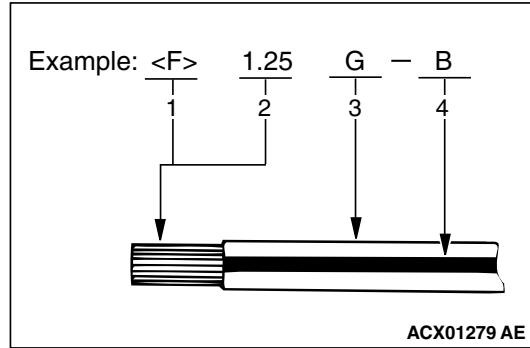
Item	No.	Connector/Earthing	Symbol	Contents
Connector connection marking	3	Direct connection type   ACX01260 AD	 ACX01261	Connection between a device and the harness is either by direct insertion in the device (direct connection type) or by connection with a harness connector furnished on the device side furnished (harness connection type). The two types are indicated as illustrated.
	4	Harness connection type   ACX01262 AD	 ACX01263	
	5	Intermediate connector   ACX01264 AD	 ACX01265	
Earth markings	6	Body earth   AC208448 AB	 ACX01274	Earthing is either by body earth, device earth or control unit interior earth. These are indicated as illustrated.
	7	Device earth   AC208449 AB	 ACX01276	
	8	Earth in control unit   AC208450 AB	 ACX01278	

## WIRE COLOUR CODES

M3000011000068

Wire colours are identified by the following colour codes.

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



If a cable has two colours, the first of the two colour code characters indicates the basic colour (colour of the cable coating) and the second indicates the marking colour.

No.	Meaning
1	<F>: Flexible wire <T>: Twisted wire
2	Wire size ( $\text{mm}^2$ )*
3	Basic colour (colour of the cable coating)
4	Marking colour

**NOTE:**

\*: No code indicates  $0.5 \text{ mm}^2$  ( $0.0008 \text{ in}^2$ ). Cable colour code in parentheses indicates  $0.3 \text{ mm}^2$  ( $0.0005 \text{ in}^2$ ).

**ABBREVIATION SYMBOLS**

The abbreviation symbols used in wiring diagrams are defined below.

M3000012000210

**1. Abbreviation symbols used for system name**

Abbreviation symbol	Meaning	Abbreviation symbol	Meaning
ABS	Anti-skid braking system	J/C	Joint connector
AC	Alternating current	M/T	Manual transmission
DOHC	Double overhead camshaft engine	MPI	Multi-point injection
J/B	Junction block	SRS	Supplemental restraint system

**2. Abbreviation symbols used for combination meters**

Abbreviation symbol	Meaning	Abbreviation symbol	Meaning
ABS	Anti-skid braking system warning lamp	ODO	Odometer
BEAM	High beam indicator lamp	OIL	Oil pressure warning lamp
BRAKE	Brake warning lamp	REAR FOG	Rear fog lamp indicator lamp
CHECK ENGINE	Check engine warning lamp	SPEED	Speedmeter
CHG	Charging warning lamp	SRS	Supplemental restraint system warning lamp
DOOR	Door-ajar warning lamp	T/GA	Engine coolamt temperature gauge
F/GA	Fuel gauge	TACHO	Tachometer
FRONT FOG	Front fog lamp indicator lamp	TRIP	Tripmeter
FUEL	Low fuel warning lamp	TURN (LH)	Turn signal indicator lamp, hazard warning indicator lamp
LCD	Liquid crystal display	TURN (RH)	

### **3. Abbreviation symbols used for switches and relays**

Name of switches and relays	Abbreviation symbols	Operation
Blower switch	LO	Blower operates at low speed
	ML	Blower operates at medium low speed
	MH	Blower operates at medium high speed
	HI	Blower operates at high speed
Dimmer passing switch	LO	Low beams ON
	HI	High beams ON
	PASS	High beams ON
Door lock actuator	LOCK	Door lock
	UNLOCK	Door unlock
Front room lamp, rear room lamp	DOOR	Room lamp or personal lamp ON when a door is open
Heated seat switch	LO	Normal heating
	HI	Rapid heating
Ignition switch	LOCK	When turned to the LOCK position, no circuits will start
	ACC	When turned to the ACC (ACCESSORY) or ON position, the power circuit will start
	IG2	When at the ST (START) position, the power circuit will not start functioning
	IG1	Even when at the ST (START) position, the power circuit will start
	ST	Only when turned to the ST (START) position, the power circuit will start
Lighting switch	TAIL	Position, tail, licence plate and illumination lamps ON
	HEAD	Headlamps ON
Power window switch	UP	Windows closes
	DOWN	Windows opens
	AUTO UP	Window is easily closed with one action
	AUTO DOWN	Window is easily opened with one action
	LOCK	Prevents all switches other than the main switch from operating the power windows
	UNLOCK	Every switch can open or close the respective window
Remote controlled mirror switch	LH	L.H. mirror operates
	RH	R.H. mirror operates
Sunroof switch	OPEN	Sunroof slides to open
	UP	Sunroof tilts up
	CLOSE/DOWN	Sunroof tilts down or slides to close
Switch and relay	OFF	Switched OFF
	ON	Switched ON
Turn signal switch	LH	L.H. turn signal lamps ON
	RH	R.H. turn signal lamps ON

Name of switches and relays	Abbreviation symbols	Operation
Variable intermittent wiper control switch	SLOW	Pause time for intermittent operation lengthen
	FAST	Pause time for intermittent operation shorten
Windshield wiper switch or rear wiper switch	MIST	Wiper operates once
	INT	Wiper operates intermittently
	LO	Wiper operates at low speed
	HI	Wiper operates at high speed

#### 4. Other abbreviation symbols

Abbreviation symbol	Meaning	Abbreviation symbol	Meaning
2WD	Front wheel-drive vehicles	GND	Earth
4WD	4 wheel-drive vehicles	HI	High
A/C	Air conditioner	IC	Integrated circuit
CPU	Central processing unit	ILL	Illumination lamp
ECU	Electronic control unit	LH	Left hand
EGR	Exhaust gas recirculation	LO	Low
ETACS	Electronic time and alarm control system	RH	Right hand

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**GROUP 1****WIRING HARNESS  
CONFIGURATION  
DIAGRAMS**

1

**CONTENTS**

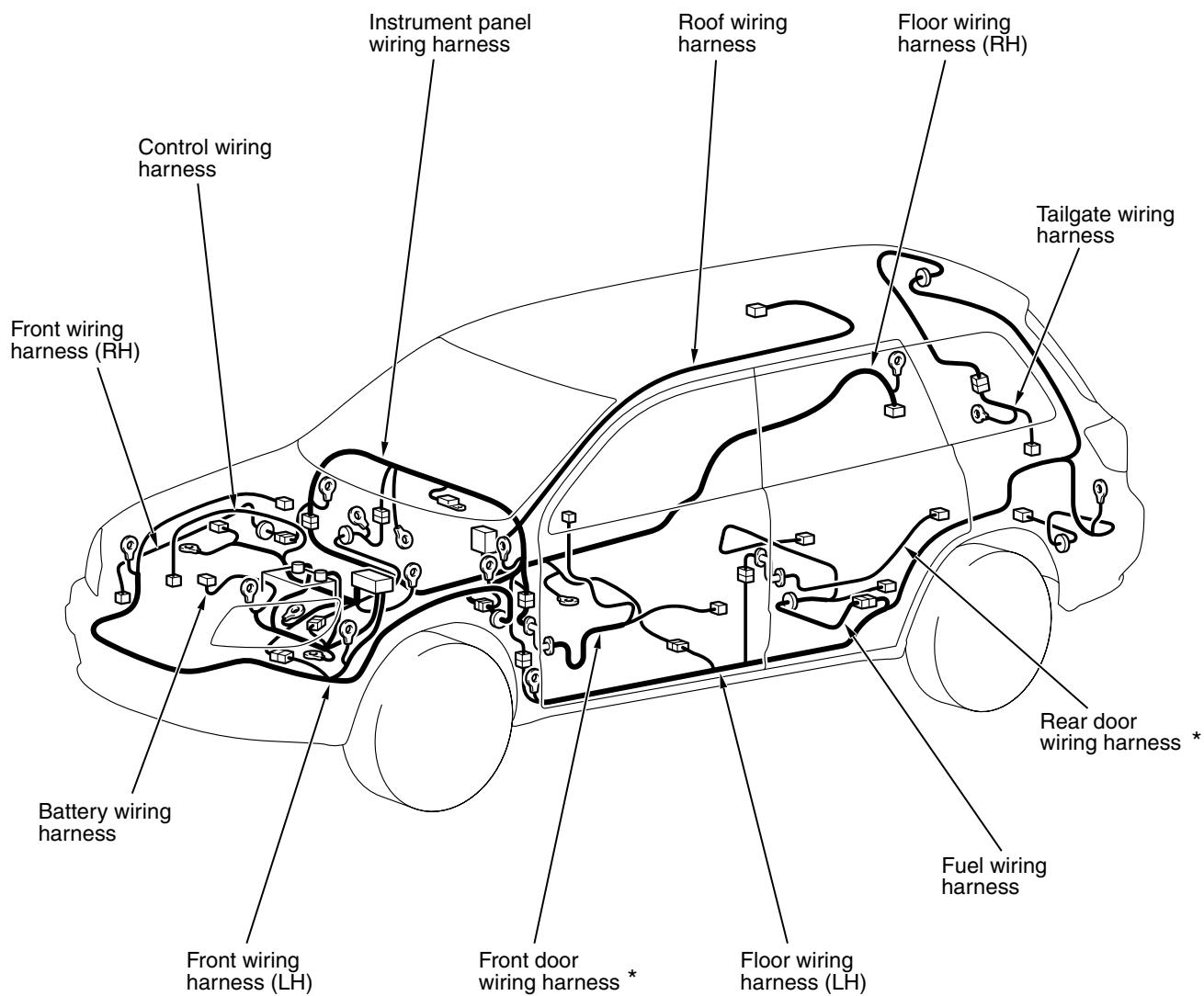
OVERALL WIRING DIAGRAM .....	1-3	FLOOR AND ROOF .....	1-18
ENGINE COMPARTMENT.....	1-4	DOOR .....	1-20
ENGINE AND TRANSMISSION.....	1-6	TAILGATE.....	1-22
DASH PANEL .....	1-10		

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**NOTES**

## OVERALL WIRING DIAGRAM

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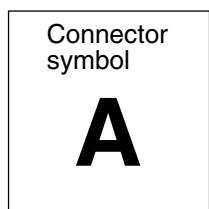
### NOTE:

1. This illustration shows only major wiring harnesses.
2. \*: also equipped at the right side.

AC211751AB

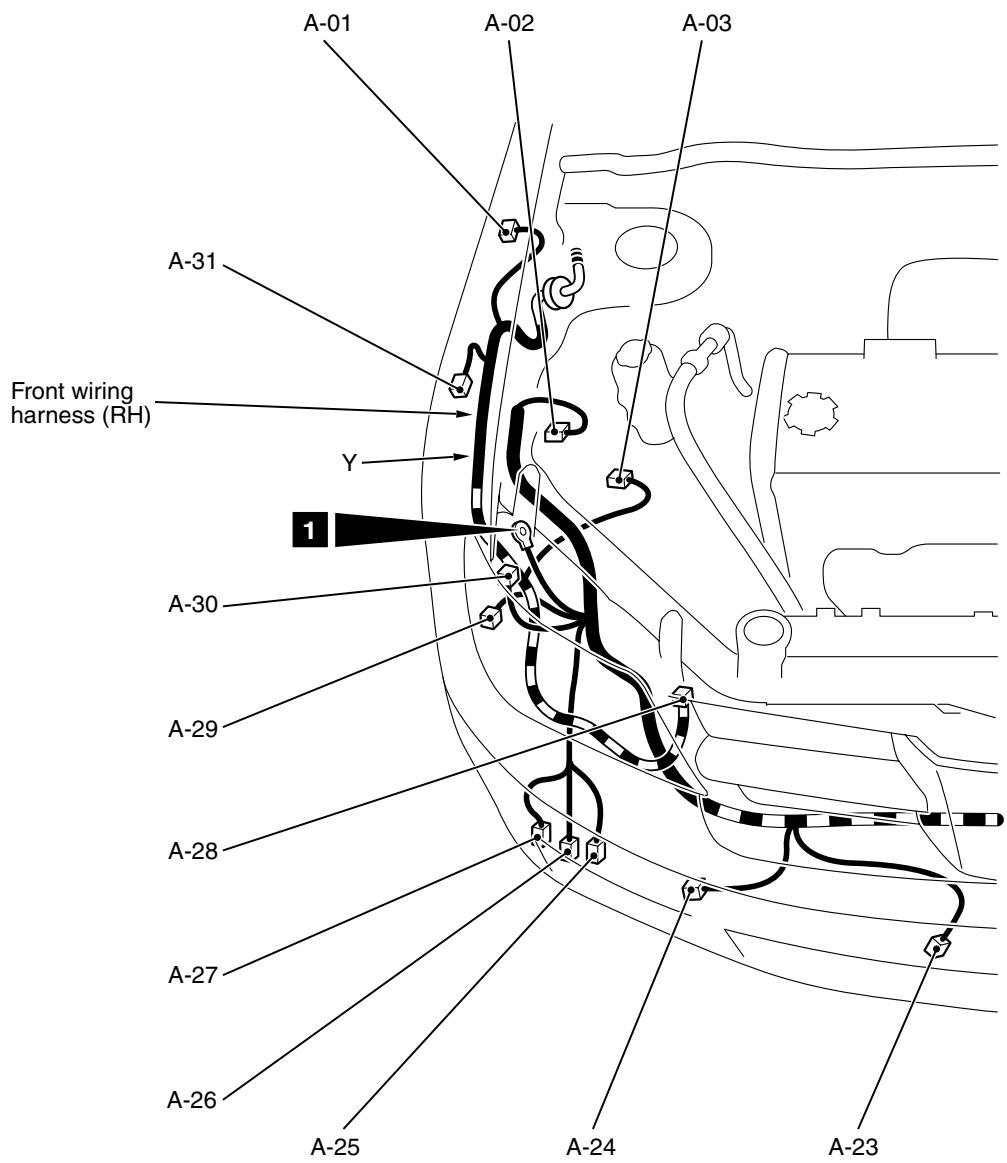
## ENGINE COMPARTMENT

M3010000300765

**A**

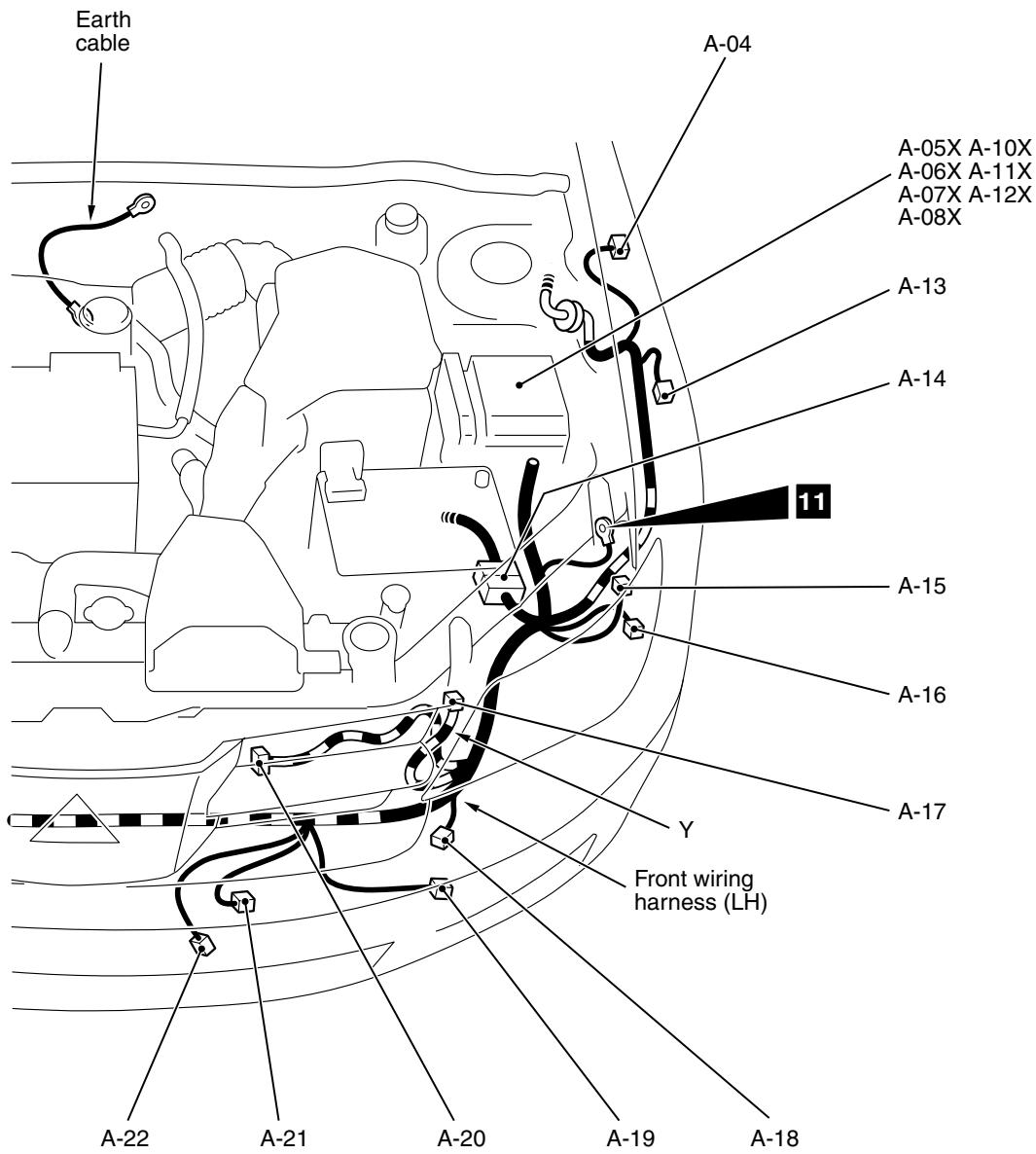
Connector colour code

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



A-01	(2-GR)	Side turn signal lamp (RH)
A-02	(3-B)	A/C pressure sensor
A-03	(4-B)	No connection
A-04	(2-GR)	Side turn signal lamp (LH)
A-05X	(4)	Front fog lamp relay or spare connector (for front fog lamp relay)
A-06X	(4)	Horn relay
A-07X	(4)	Accessory socket relay
A-08X	(4)	Wiper deicer relay

A-10X	(4)	Fan control relay
A-11X	(11)	Front-ECU
A-12X	(11)	Front-ECU
A-13	(2-B)	ABS sensor (Front: LH) <ABS>
A-14	(17-GR)	Front wiring harness (LH) and control wiring harness combination
A-15	(3-B)	Headlamp (LH)
A-16	(6-B)	Headlamp assembly (LH)

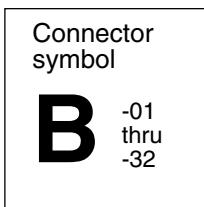


A-17 (2-Y)	Front impact sensor (LH)	A-25 (2-B)	Headlamp washer motor
A-18 (2-BR)	Outside thermo sensor	A-26 (2)	Windshield washer motor
A-19 (2-B)	Front fog lamp (LH) or spare connector (for front fog lamp)	A-27 (2-G)	Rear washer motor
A-20 (3-GR)	Fan controller	A-28 (2-Y)	Front impact sensor (RH)
A-21 (2-BR)	No connection	A-29 (6-B)	Headlamp assembly (RH)
A-22 (1-B)	Horn (HI)	A-30 (3-B)	Headlamp (RH)
A-23 (1-B)	Horn (LO)	A-31 (2-B)	ABS sensor (Front: RH) <ABS>
A-24 (2-B)	Front fog lamp (RH) or spare connector (for front fog lamp)		

AC207938 AC

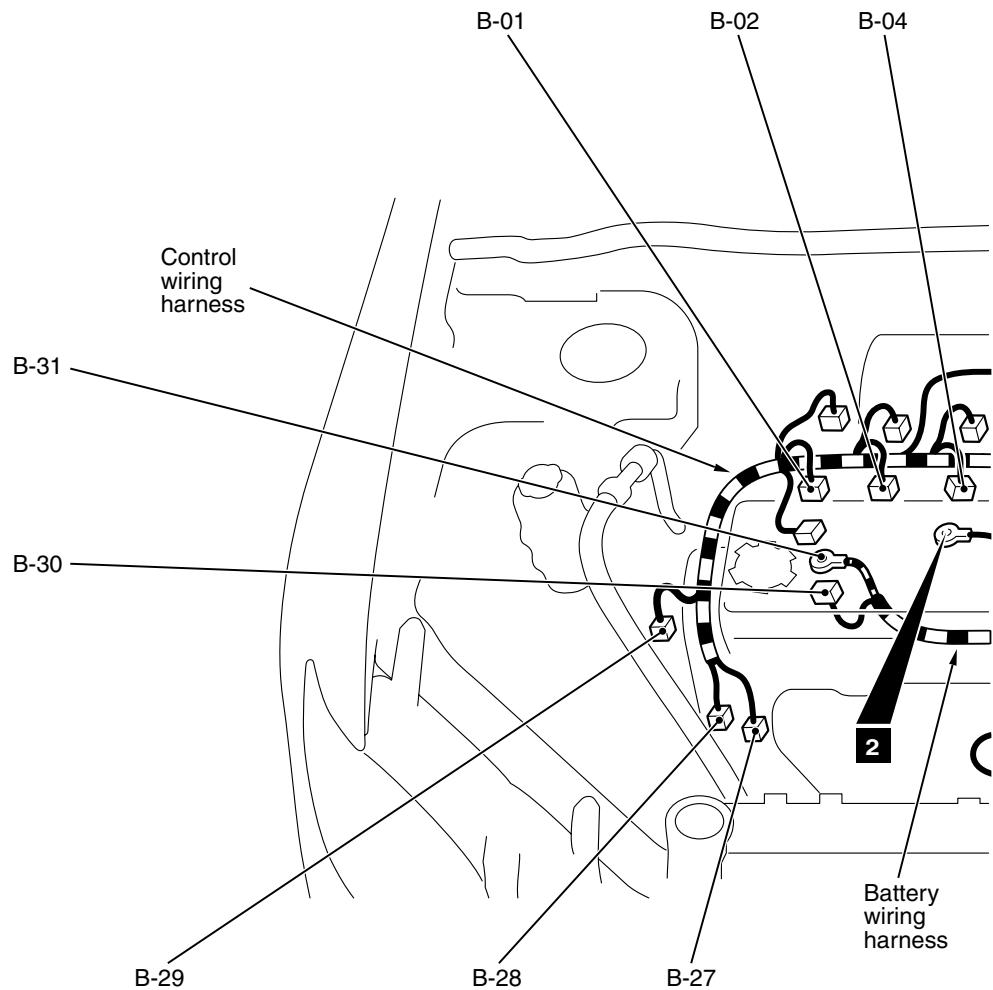
## ENGINE AND TRANSMISSION

M3010000400256



## Connector colour code

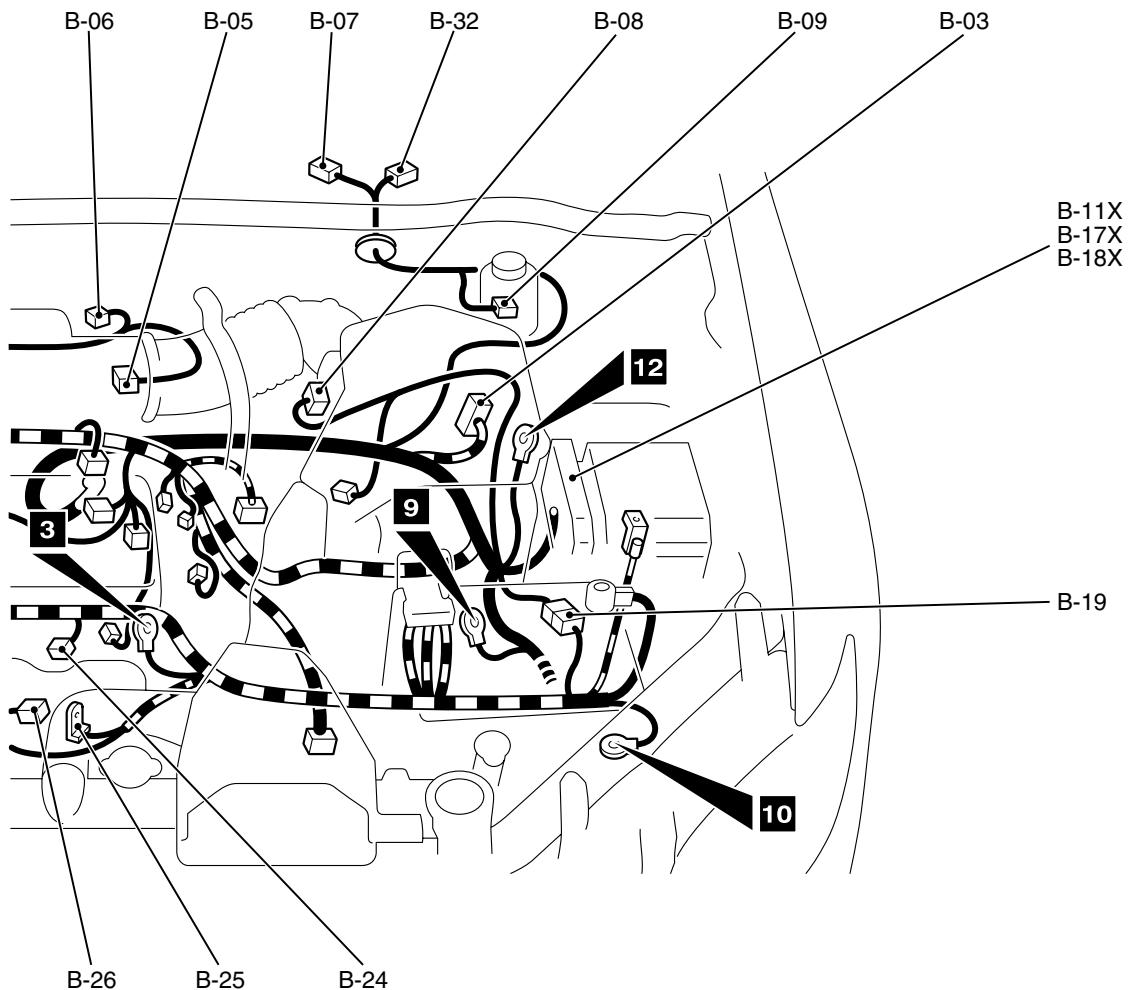
B : Black  
BR : Brown  
G : Green  
GR : Gray  
L : Blue  
None : Milk white  
O : Orange  
R : Red  
V : Violet  
Y : Yellow



AC211752AB

B-01	(2-GR)	Injector 1
B-02	(2-GR)	Injector 2
B-03	(28-GR)	ABS-ECU
B-04	(2-GR)	Injector 3
B-05	(2-GR)	Injector 4
B-06	(4-B)	Throttle position sensor

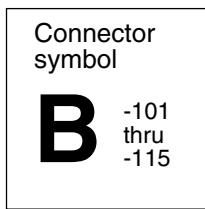
B-07	(5-GR)	Windshield wiper motor
B-08	(7-B)	Air flow sensor
B-09	(2-GR)	Brake fluid level switch
B-11X	(1)	Engine speed detection connector
B-17X	(4)	Engine control relay
B-18X	(4)	A/C compressor relay



AC211753AE

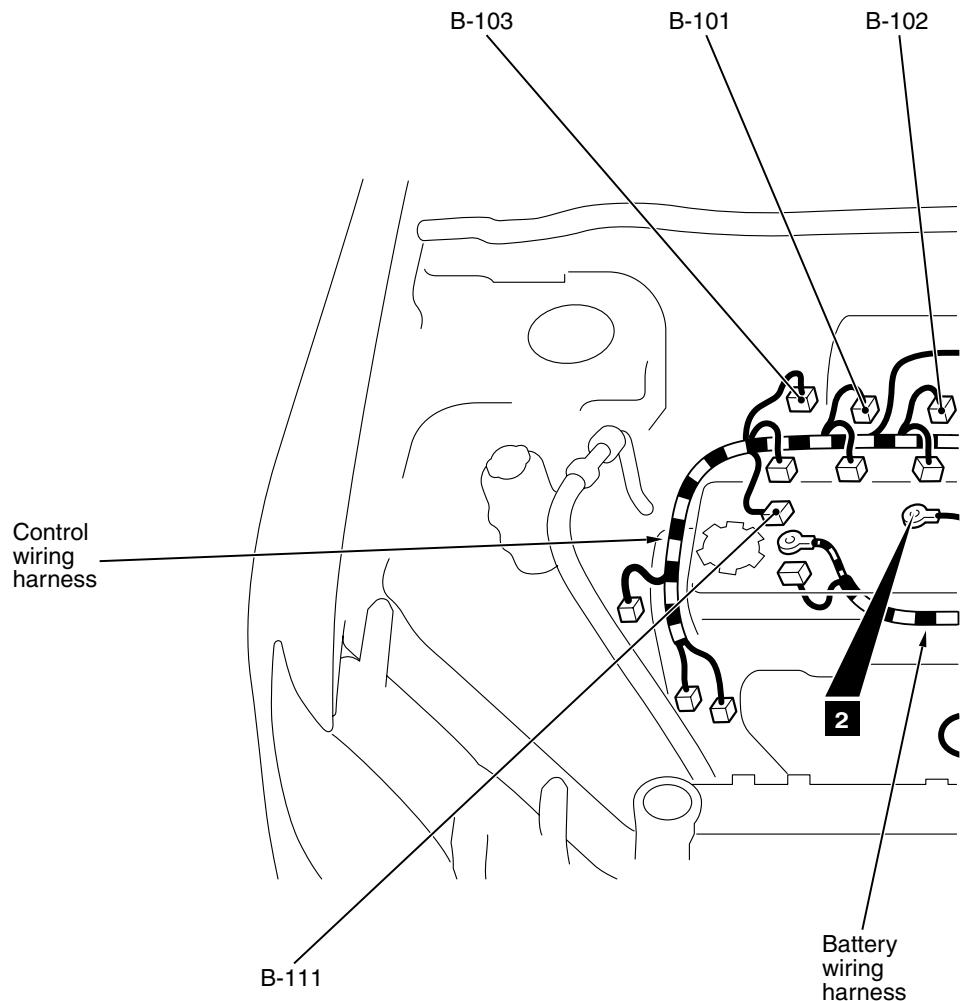
B-19 (6-B)	Control wiring harness and battery wiring harness combination	B-28 (1-B)	Power steering fluid pressure switch
B-24 (1-B)	Oil pressure switch	B-29 (3-B)	Crank angle sensor
B-25 (1)	Starter	B-30 (4-GR)	Alternator
B-26 (1-B)	Starter	B-31 (1)	Alternator
B-27 (1-B)	A/C compressor assembly	B-32 (2-B)	Wiper deicer

## ENGINE AND TRANSMISSION (CONTINUED)



## Connector colour code

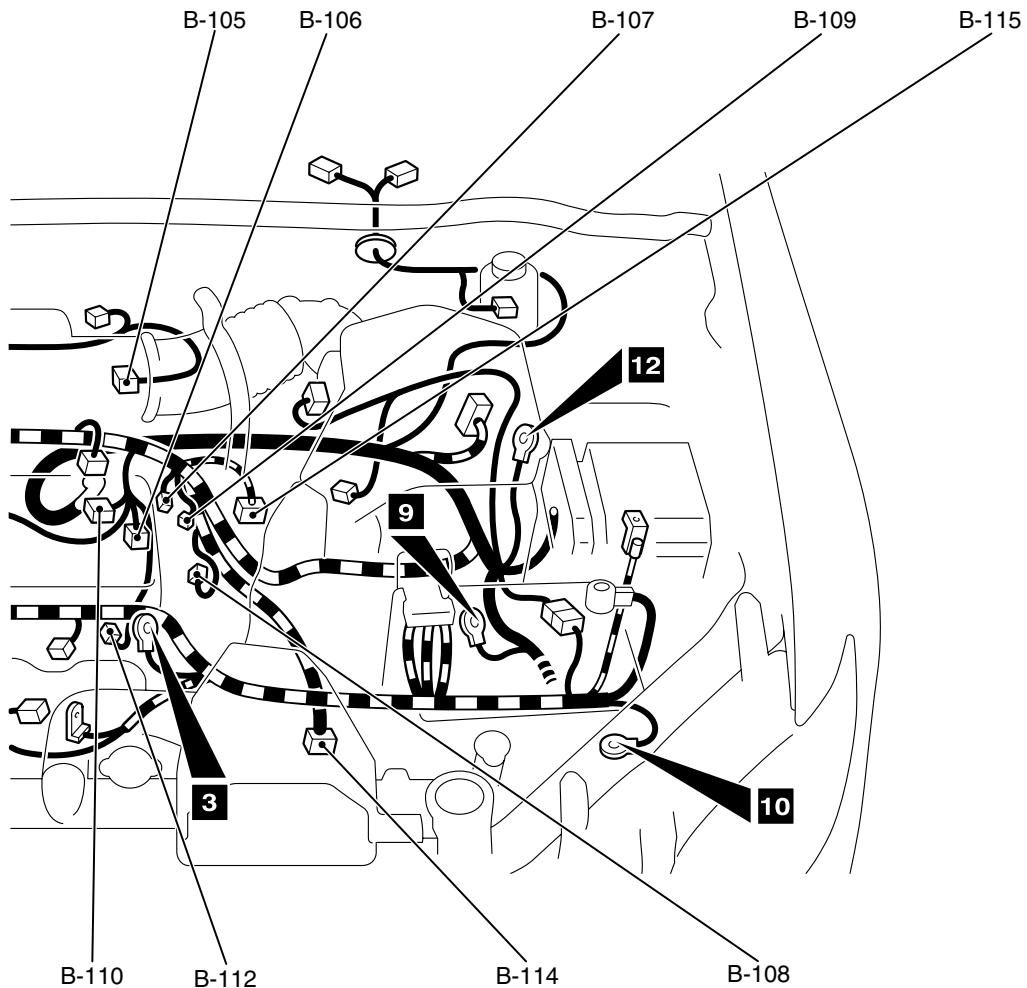
B : Black  
BR : Brown  
G : Green  
GR : Gray  
L : Blue  
None : Milk white  
O : Orange  
R : Red  
V : Violet  
Y : Yellow



B-101 (2-B) Purge control solenoid valve  
B-102 (2-BR) EGR control solenoid valve  
B-103 (2-GR) Detonation sensor

B-105 (6-B) Idle speed control servo  
B-106 (3-B) Camshaft position sensor  
B-107 (1-B) Capacitor

AC211752 AC

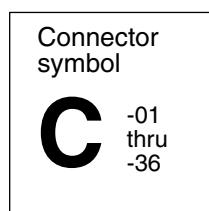


B-108 (2-B)	Engine coolant temperature sensor	B-111 (3-GR)	Ignition coil 2
B-109 (1-B)	Engine coolant temperature gauge unit	B-112 (4-B)	Oxygen sensor (Front)
B-110 (3-GR)	Ignition coil 1	B-114 (2-B)	Back-up lamp switch

AC211753 AC

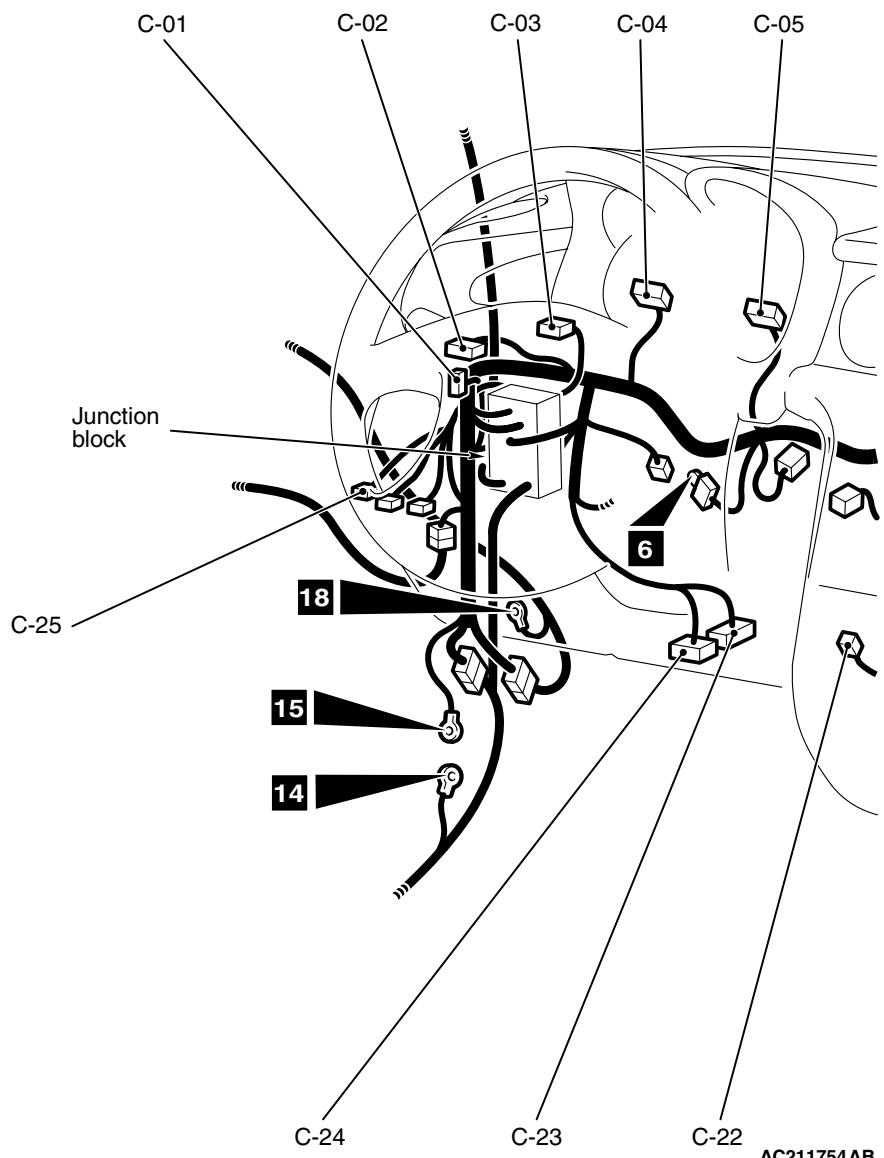
## DASH PANEL

M3010000600142



## Connector colour code

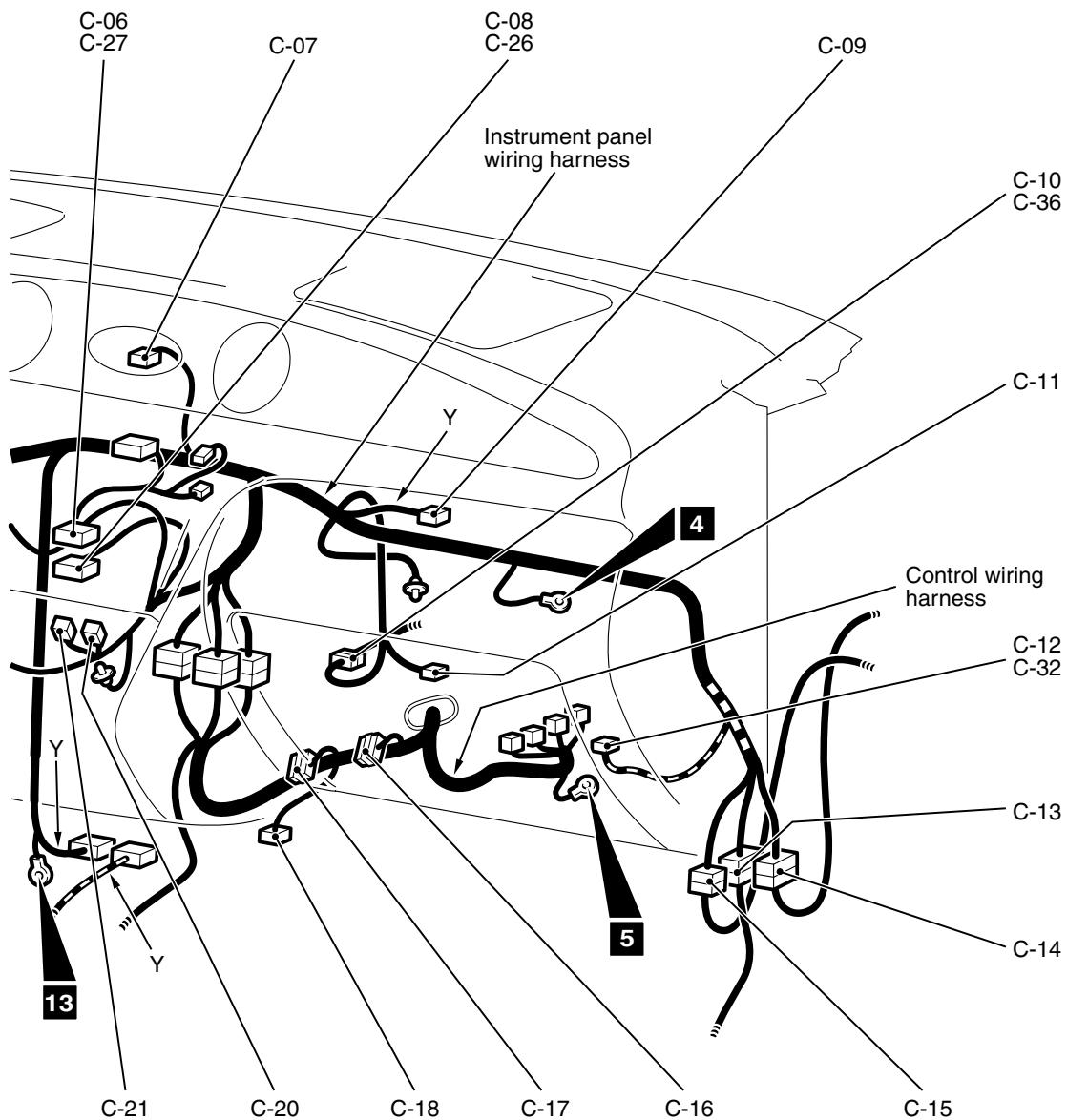
B : Black  
BR : Brown  
G : Green  
GR : Gray  
L : Blue  
NONE : Milk white  
O : Orange  
R : Red  
V : Violet  
Y : Yellow



AC211754AB

C-01	(33)	J/C (4)
C-02	(33)	J/C (3)
C-03	(6)	Fog lamp switch or spare connector (for fog lamp switch)
C-04	(22)	Combination meter
C-05	(22-L)	Combination meter
C-06	(16-B)	A/C-ECU <Manual A/C>
C-07	(4)	Clock
C-08	(6)	Blower switch <Manual A/C>

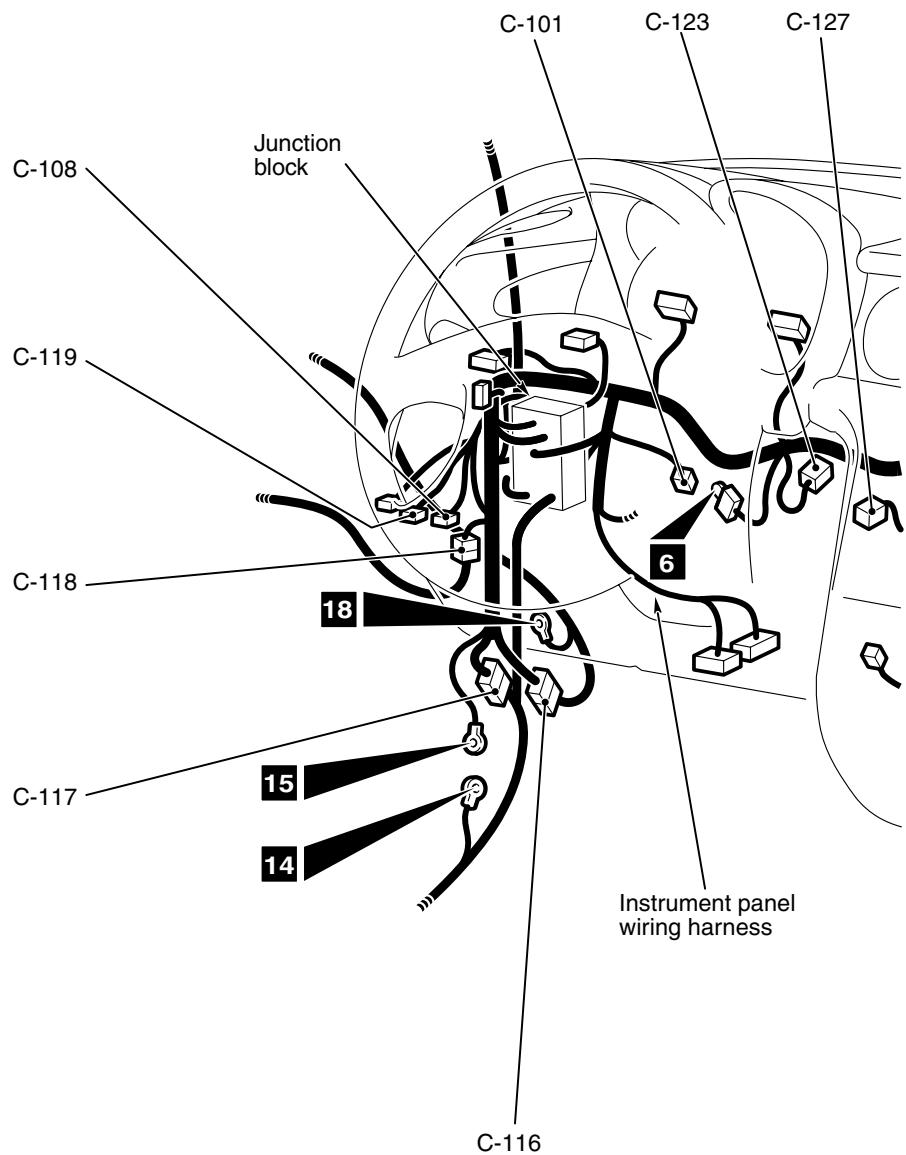
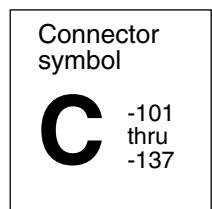
C-09	(2-R)	Air bag module (squib) (passenger's side)
C-10	(7)	Instrument panel wiring harness and A/C wiring harness combination <Manual A/C>
C-11	(4)	Resistor <Manual A/C>
C-12	(2)	Blower motor <Manual A/C>
C-13	(15-L)	Instrument panel wiring harness and floor wiring harness (RH) combination



AC211755AB

C-14 (10)	Instrument panel wiring harness and front wiring harness (RH) combination	C-23 (13)	Diagnosis connector
C-15 (19-GR)	Instrument panel wiring harness and front door wiring harness (RH) combination	C-24 (16-B)	Diagnosis connector
C-16 (22-L)	J/C (1)	C-25 (11)	Remote controlled mirror switch
C-17 (13-GR)	J/C (2)	C-26 (16-B)	A/C-ECU <Automatic A/C>
C-18 (4)	Oxygen sensor (Rear)	C-27 (20-B)	A/C-ECU <Automatic A/C>
C-20 (1)	Cigarette lighter	C-32 (6)	Blower linear controller <Automatic A/C>
C-21 (1-B)	Cigarette lighter	C-36 (13)	Instrument panel wiring harness and A/C wiring harness combination <Automatic A/C>
C-22 (4)	Hazard warning switch		

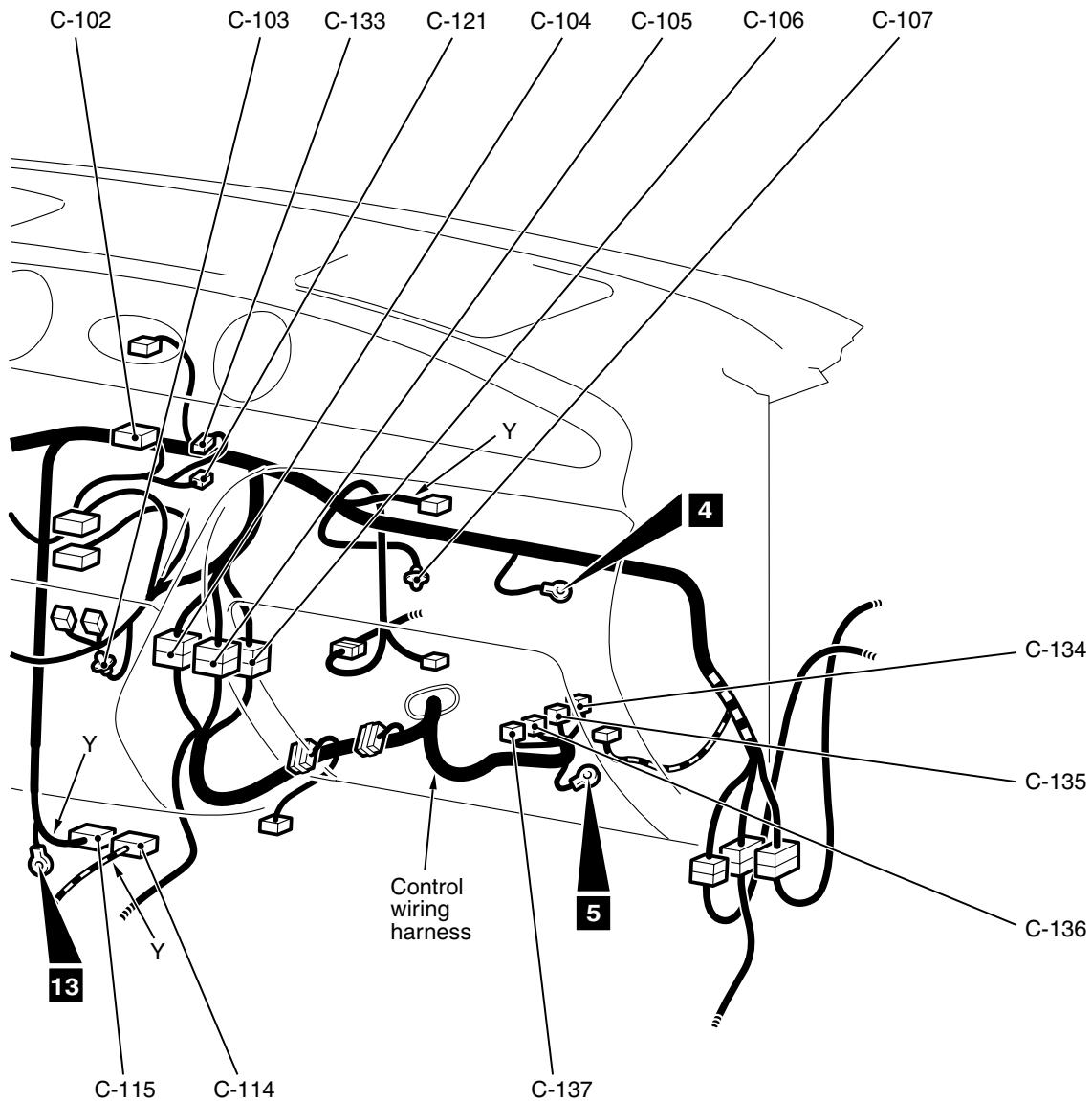
## DASH PANEL (CONTINUED)



AC211754 AC

C-101 (4)	Stop lamp switch
C-102 (14)	Spare connector (for audio)
C-103 (2-B)	Cigarette lighter illumination lamp
C-104 (16-B)	Instrument panel wiring harness and control wiring harness combination
C-105 (22)	Instrument panel wiring harness and control wiring harness combination

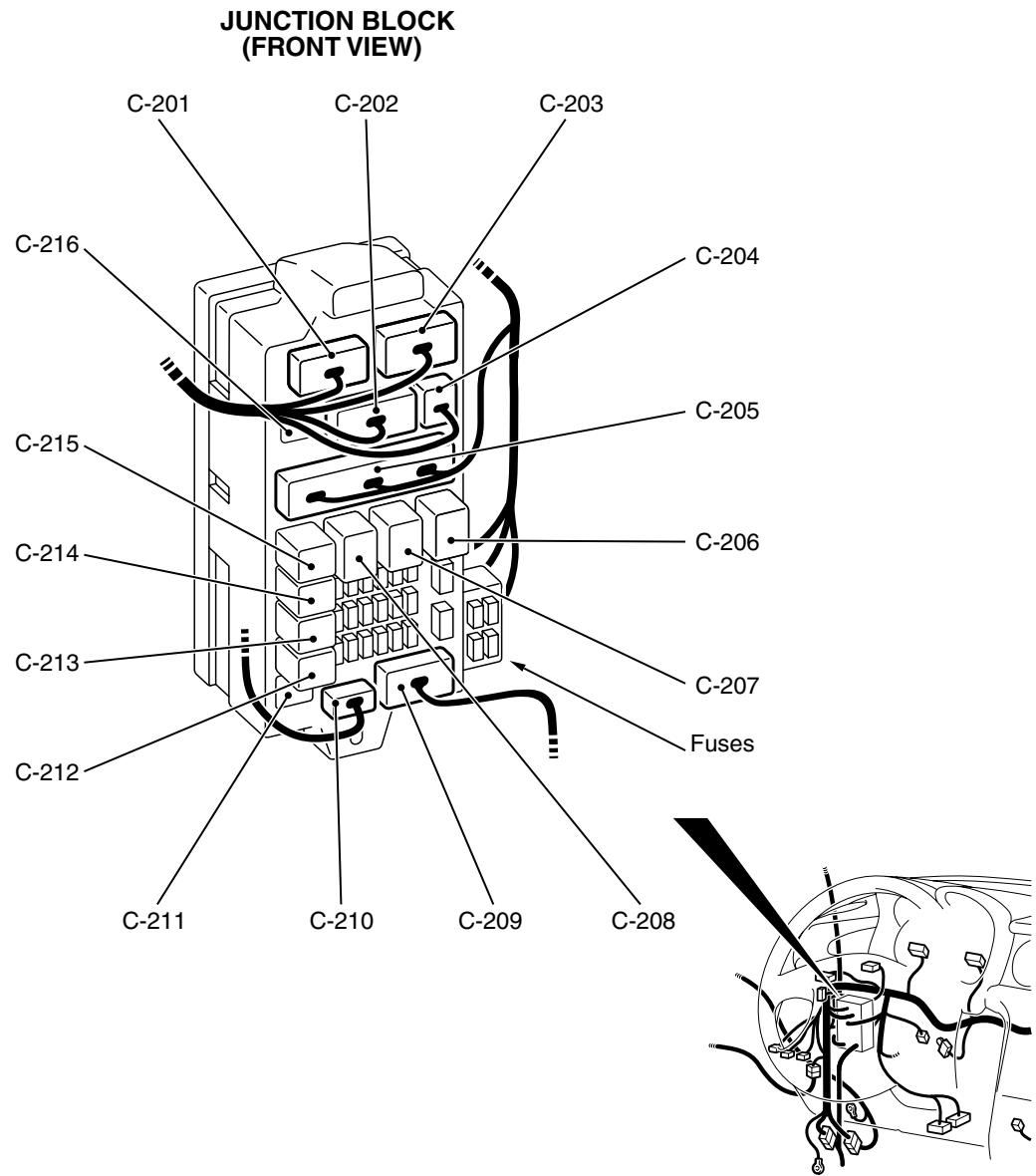
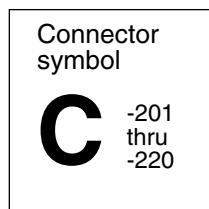
C-106 (19-GR)	Instrument panel wiring harness and control wiring harness combination
C-107 (2-B)	Glove box lamp
C-108 (6-GR)	Headlamp leveling switch
C-114 (22-Y)	SRS-ECU
C-115 (20-Y)	SRS-ECU



AC211755AC

C-116 (43)	Instrument panel wiring harness and front wiring harness (LH) combination	C-123 (2)	Photo sensor <Automatic A/C>
C-117 (38)	Instrument panel wiring harness and floor wiring harness (LH) combination	C-127 (2)	Interior temperature sensor <Automatic A/C>
C-118 (32)	Instrument panel wiring harness and front door wiring harness (LH) combination	C-133 (1-B)	Spare connector (for audio)
C-119 (6-L)	Rheostat	C-134 (26)	Engine-ECU
C-121 (1)	Antenna amplifire	C-135 (16)	Engine-ECU
		C-136 (12)	Engine-ECU
		C-137 (22)	Engine-ECU

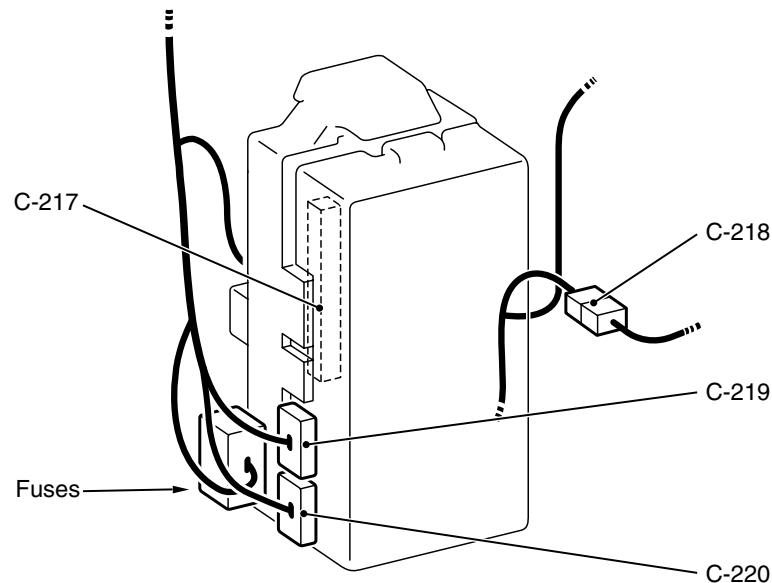
## DASH PANEL (CONTINUED)



AC207947 AB

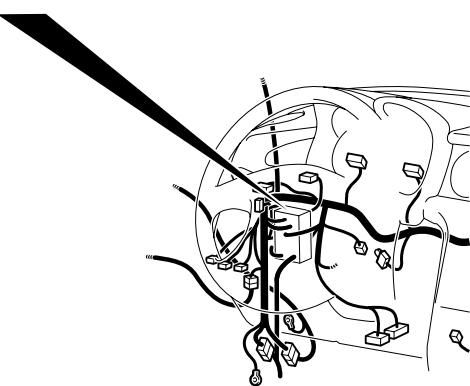
C-201 (13)	Instrument panel wiring harness and J/B combination	C-205 (28)	Instrument panel wiring harness and J/B combination
C-202 (14)	Instrument panel wiring harness and J/B combination	C-206 (5)	Defogger relay
C-203 (6)	Instrument panel wiring harness and J/B combination	C-207 (5)	Blower relay
C-204 (1-B)	Instrument panel wiring harness and J/B combination	C-208 (5)	Power window relay
		C-209 (15)	Floor wiring harness (LH) and J/B combination

JUNCTION BLOCK  
(REAR VIEW)



Connector colour  
code

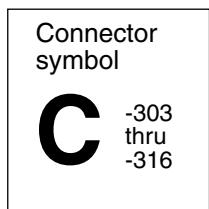
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BR : Brown  
G : Green  
GR : Gray  
L : Blue  
None : Milk white  
O : Orange  
R : Red  
V : Violet  
Y : Yellow



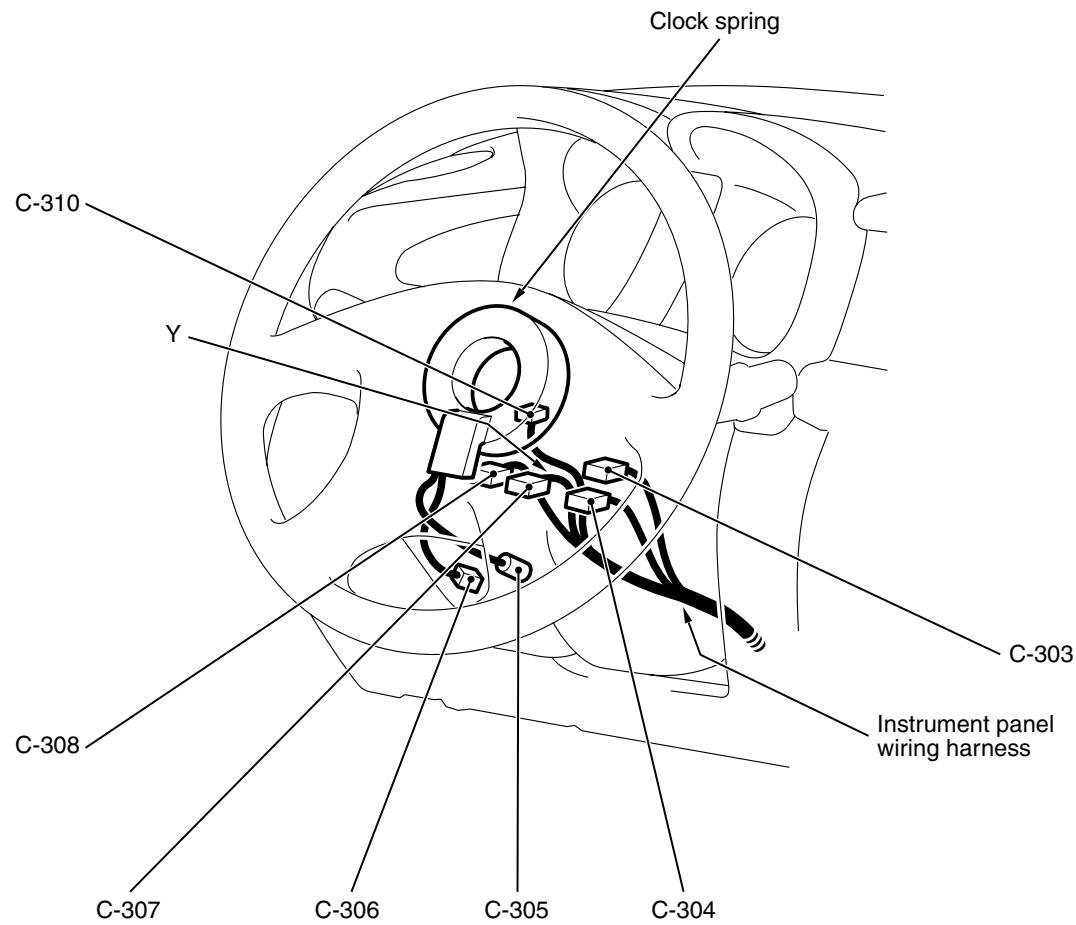
AC207948AB

C-210 (3)	Roof wiring harness and J/B combination	C-216 (2)	No connection
C-211 (4)	No connection	C-217 (20)	ETACS-ECU
C-212 (4)	Rear fog lamp relay	C-218 (5)	Instrument panel wiring harness and roof wiring harness combination
C-213 (4)	Fuel pump relay (2)	C-219 (24-GR)	ETACS-ECU
C-214 (4)	Heated seat relay	C-220 (24)	ETACS-ECU
C-215 (4)	Fuel pump relay (1)		

## DASH PANEL (CONTINUED)



## STEERING COLUMN



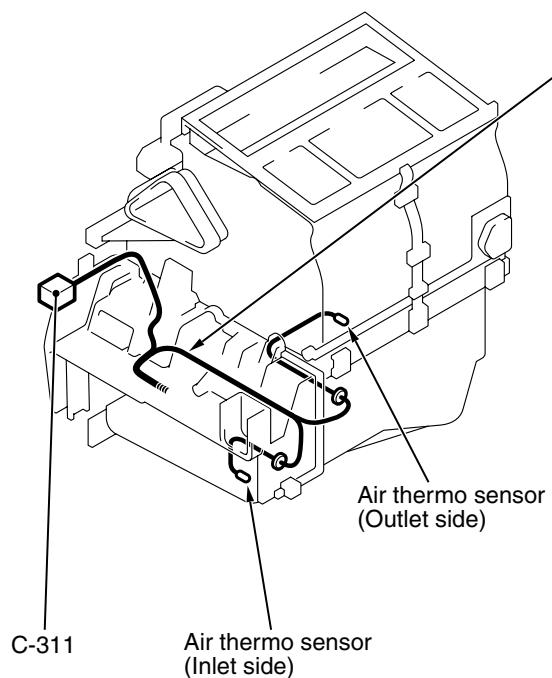
AC211756 AB

C-303 (6) Ignition switch  
C-304 (7) Key reminder switch  
C-305 (1) Horn switch

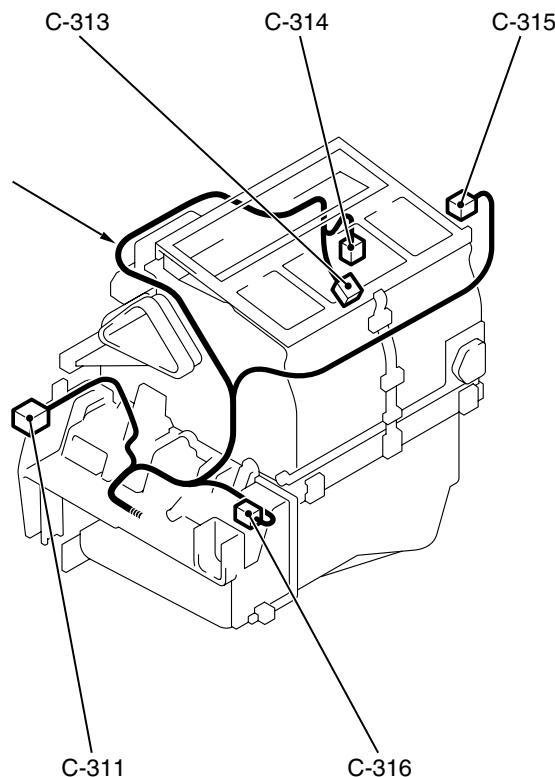
C-306 (2) Air bag module (squib) (driver's side)  
C-307 (4-Y) Clock spring  
C-308 (6) Clock spring

**HEATER UNIT ASSEMBLY**

<Manual A/C>



<Automatic A/C>



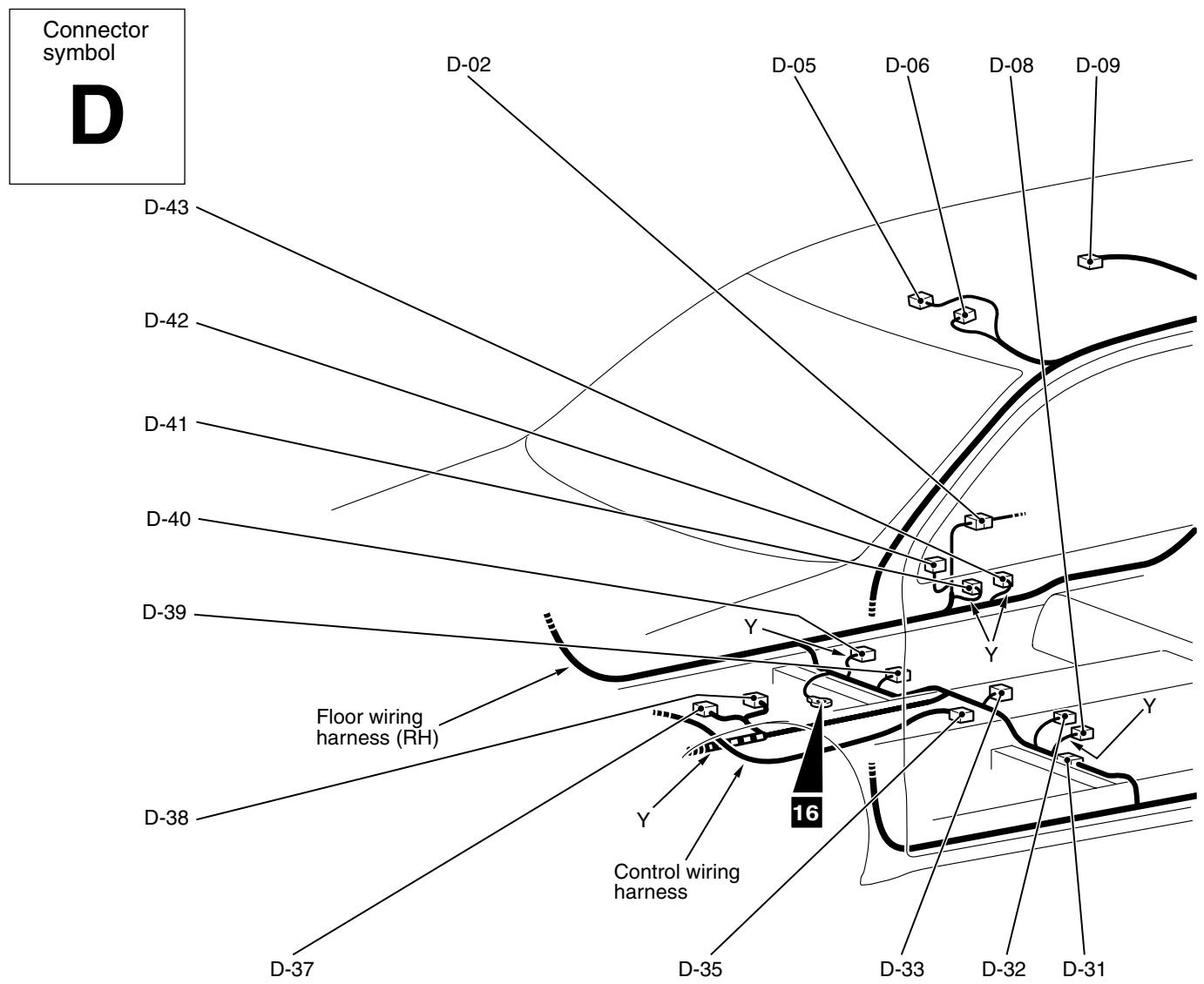
C-310 (10) Column switch  
C-311 (7) Outside/inside air selection damper control motor  
C-313 (6) Air mixing damper control motor and potentiometer <Automatic A/C>

C-314 (2) Heater water temperature sensor  
<Automatic A/C>  
C-315 (6) Mode selection damper control motor and potentiometer <Automatic A/C>  
C-316 (2) Air thermo sensor <Automatic A/C>

AC207956AB

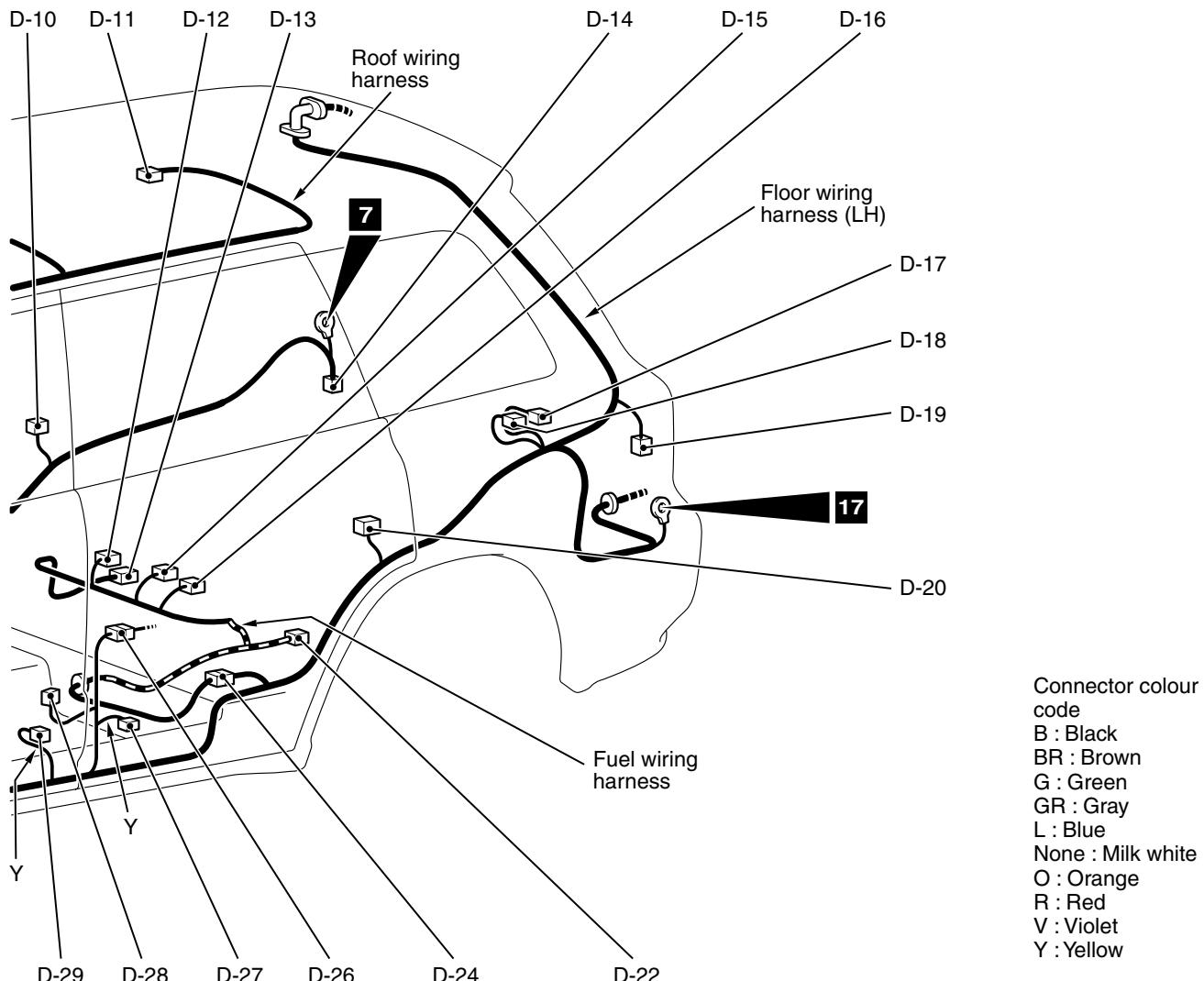
# **FLOOR AND ROOF**

M3010000900455



AC211757AB

D-02	(8)	Floor wiring harness (RH) and rear door wiring harness (RH) combination	D-14	(6)	Rear combination lamp (RH)
D-05	(2)	Front room lamp	D-15	(3-B)	Fuel gauge unit <2WD>
D-06	(6-B)	Sunroof switch	D-16	(5-GR)	Fuel pump <2WD> or fuel pump and gauge unit (main) <4WD>
D-08	(2-R)	Side air bag module (squib) (LH)	D-17	(1)	Accessory socket (1)
D-09	(10)	Sunroof motor assembly	D-18	(1-B)	Accessory socket (1)
D-10	(3)	Rear door switch (RH)	D-19	(6)	Rear combination lamp (LH)
D-11	(2-GR)	Rear room lamp	D-20	(3)	Rear door switch (LH)
D-12	(2)	Fuel gauge unit (sub) <4WD>	D-22	(2-B)	ABS sensor (Rear: LH) <ABS>
D-13	(2-B)	ABS sensor (Rear: RH) <ABS>			

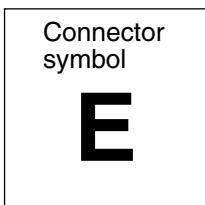


D-24 (8)	Floor wiring harness (LH) and fuel wiring harness combination	D-33 (1-B)	Parking brake switch
D-26 (8)	Floor wiring harness (LH) and rear door wiring harness (LH) combination	D-35 (3-B)	G sensor <ABS-4WD>
D-27 (2)	Side impact sensor (LH)	D-37 (2)	No connection
D-28 (3)	Front door switch (LH)	D-38 (9)	Heated seat switch
D-29 (2-B)	Seat belt pre-tensioner (LH)	D-39 (3-B)	Heated seat assembly (RH)
D-31 (16)	Floor wiring harness (RH) and floor wiring harness (LH) combination	D-40 (2-R)	Side air bag module (squib) (RH)
D-32 (3-B)	Heated seat assembly (LH)	D-41 (2)	Side impact sensor (RH)
		D-42 (3)	Front door switch (RH)
		D-43 (2-B)	Seat belt pre-tensioner (RH)

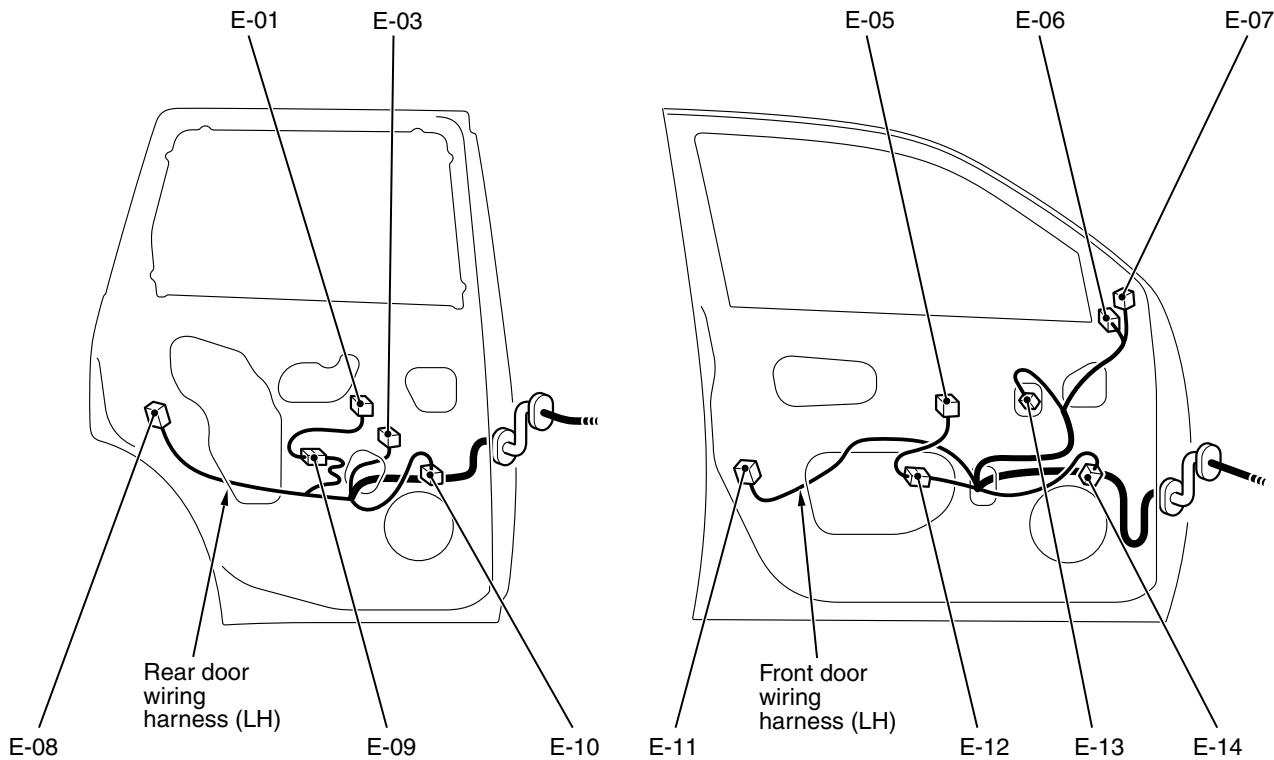
AC211758AB

## DOOR

M3010001400259



Driver's side

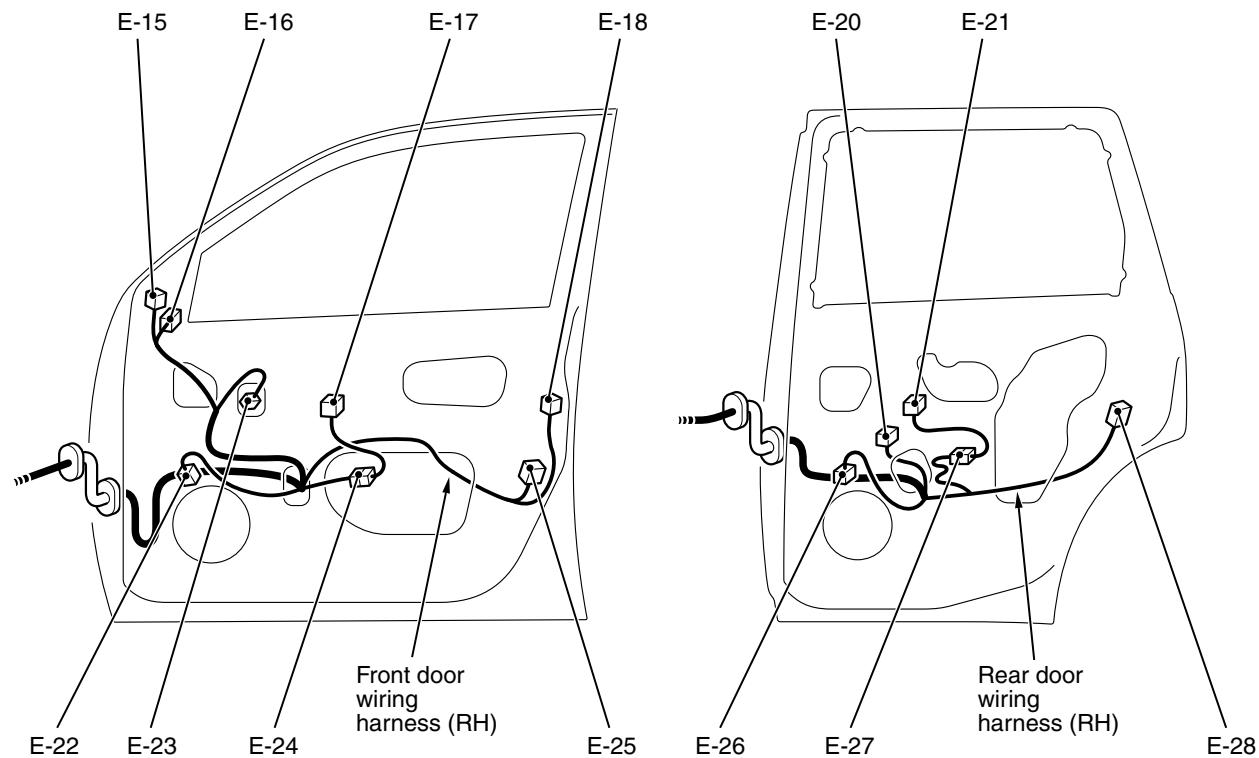


AC207961AD

E-01	(8)	Power window sub switch (Rear: LH)
E-03	(6-GR)	Power window motor (Rear: LH)
E-05	(14)	Power window main switch
E-06	(7)	Remote controlled mirror (LH)
E-07	(2)	Tweeter (LH)
E-08	(6-B)	Door lock actuator (Rear: LH)
E-09	(8)	Rear door wiring harness (LH) and rear door sub wiring harness (LH) combination

E-10	(2)	Rear door speaker (LH)
E-11	(6-B)	Door lock actuator (Front: LH)
E-12	(16)	Front door wiring harness (LH) and front door sub wiring harness (LH) combination
E-13	(6-GR)	Power window motor (Front: LH)

**Passenger's side**

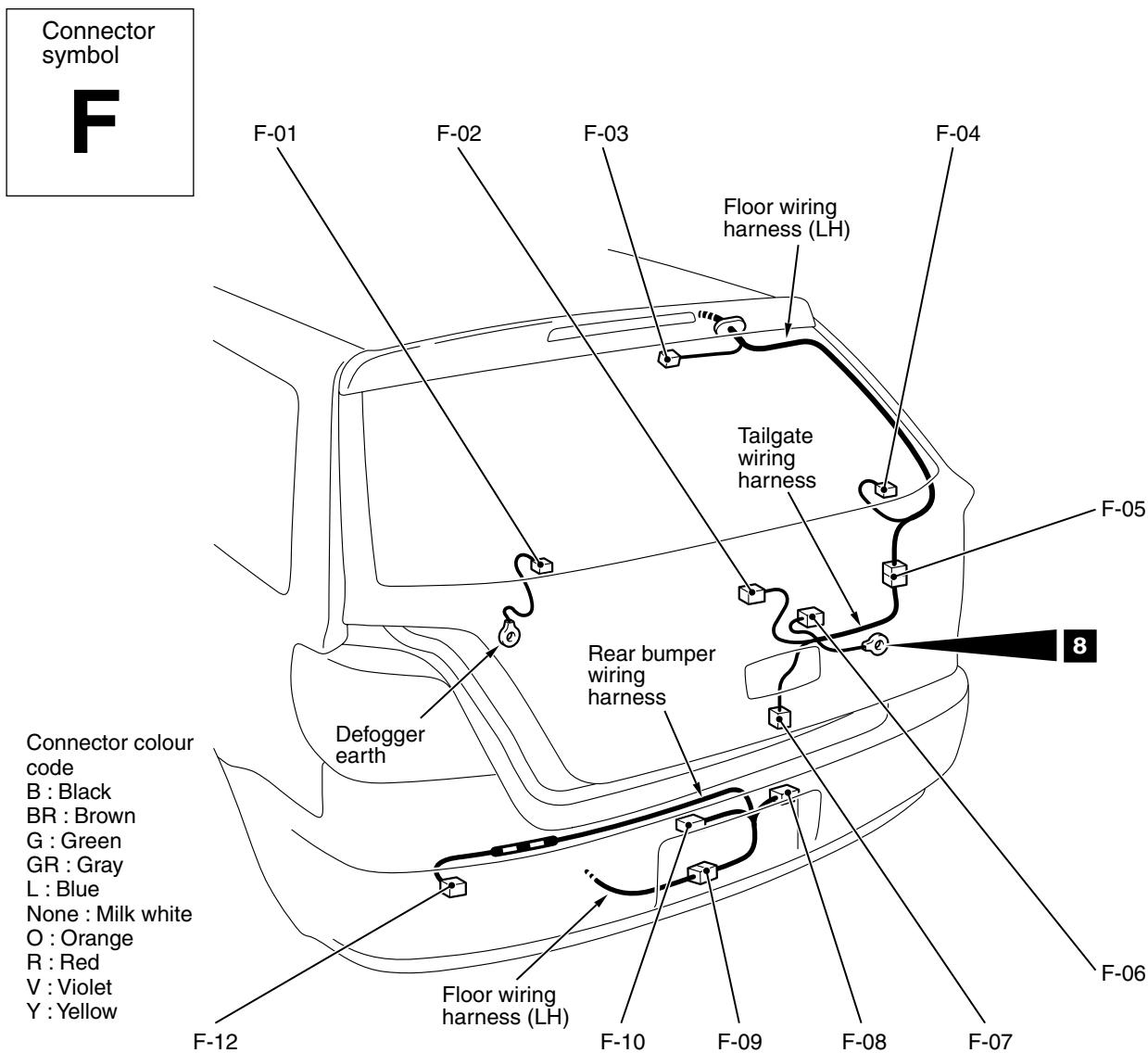


AC207962AD

E-14	(2)	Front door speaker (LH)	E-24	(8)	Front door wiring harness (RH) and front door sub wiring harness (RH) combination
E-15	(2)	Tweeter (RH)	E-25	(6-B)	Door lock actuator (Front: RH)
E-16	(7)	Remote controlled mirror (RH)	E-26	(2)	Rear door speaker (RH)
E-17	(8)	Power window sub switch (Front: RH)	E-27	(8)	Rear door wiring harness (RH) and rear door sub wiring harness (RH) combination
E-18	(3-B)	Door lock key cylinder switch (RH)	E-28	(6-B)	Door lock actuator (Rear: RH)
E-20	(6-GR)	Power window motor (Rear: RH)			
E-21	(8)	Power window sub switch (Rear: RH)			
E-22	(2)	Front door speaker (RH)			
E-23	(6-GR)	Power window motor (Front: RH)			

## TAILGATE

M3010001900168



AC211759AB

F-01 (1)	Defogger (-)	F-07 (1-B)	Tailgate switch
F-02 (4)	Rear wiper motor	F-08 (2-GR)	Licence plate lamp (RH)
F-03 (2)	High-mounted stop lamp	F-09 (4-GR)	Floor wiring harness (LH) and rear bumper wiring harness combination
F-04 (1-B)	Defogger (+)	F-10 (2-GR)	Licence plate lamp (LH)
F-05 (10)	Floor wiring harness (LH) and tailgate wiring harness combination	F-12 (2-B)	Rear fog lamp
F-06 (6-B)	Tailgate lock actuator		

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## GROUP 2

# SINGLE PART INSTALLATION POSITION

2

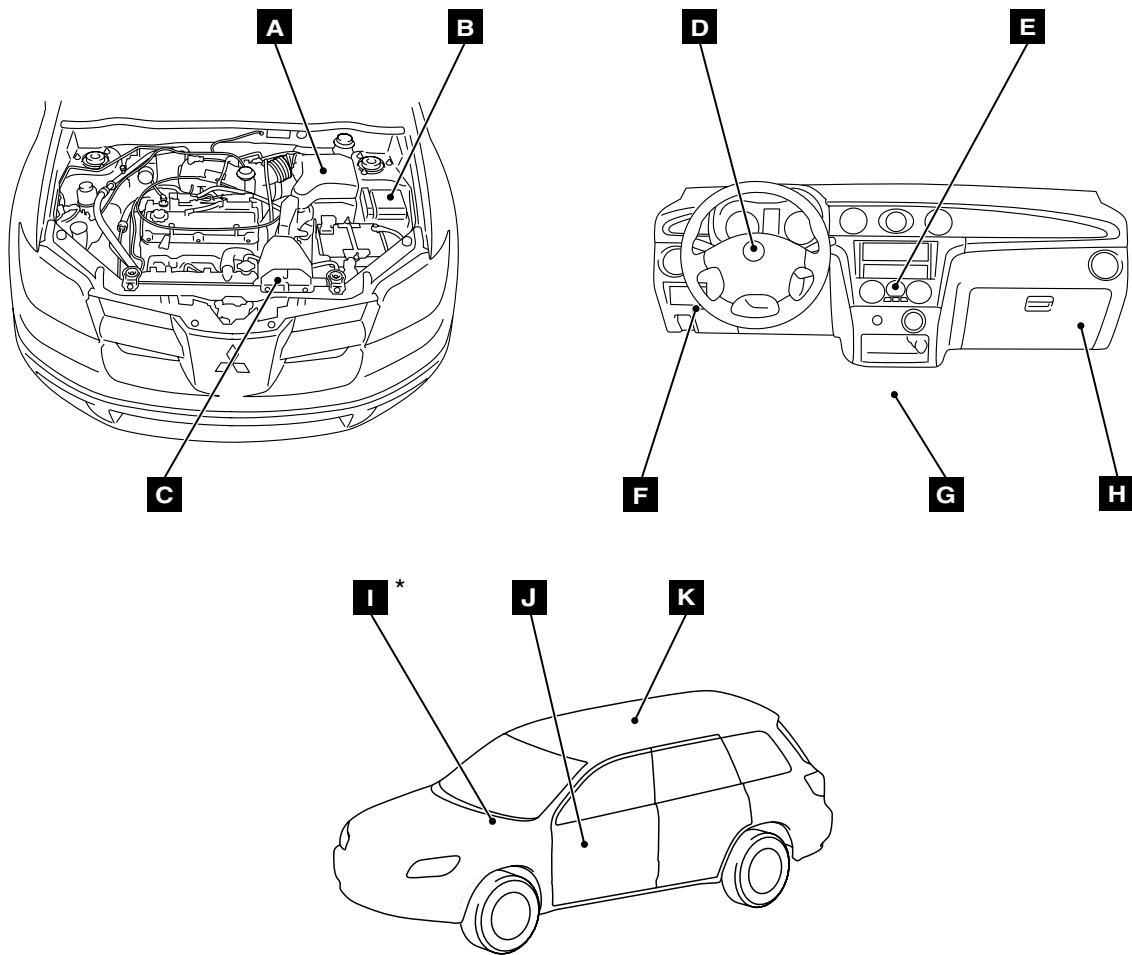
### CONTENTS

ECU .....	2-2	INSPECTION CONNECTOR .....	2-11
RELAY .....	2-5	FUSIBLE LINK, FUSE AND IGNITION OFF DRAW CONNECTOR.....	2-12
SENSOR.....	2-6	EARTH .....	2-13
SOLENOID VALVE .....	2-10	EARTH CABLE.....	2-15

## ECU

M3020000500191

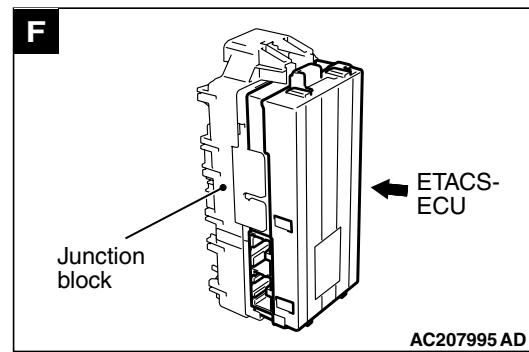
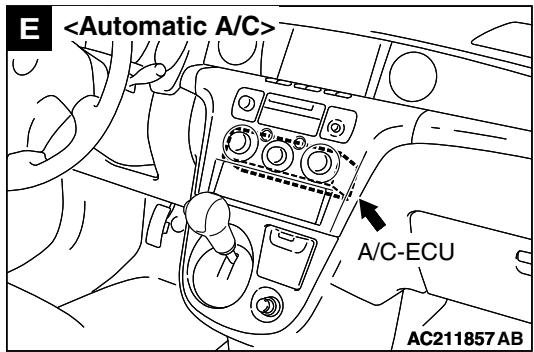
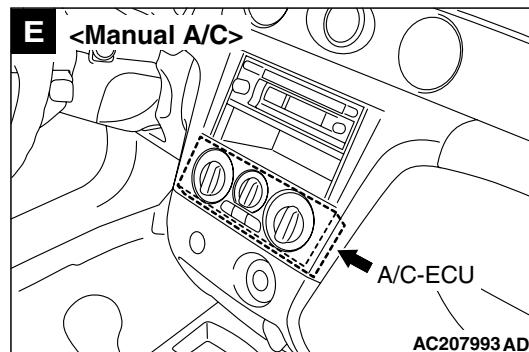
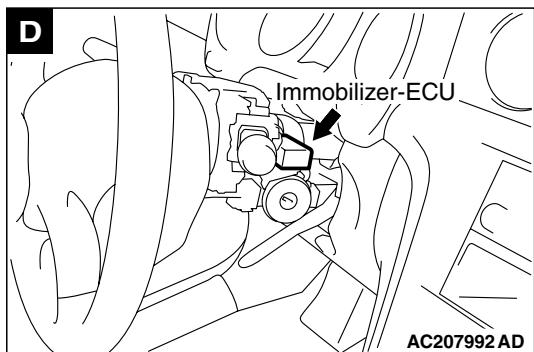
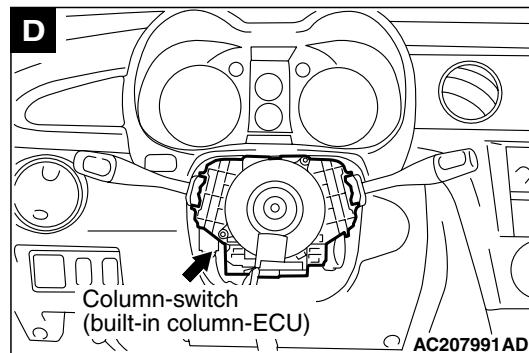
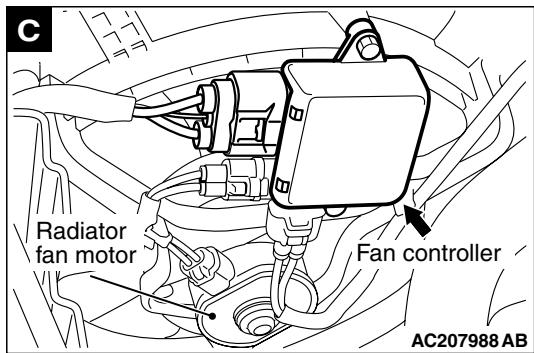
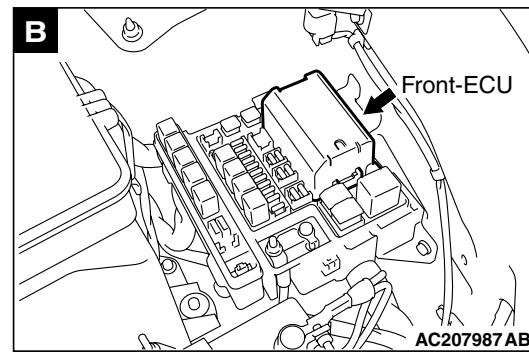
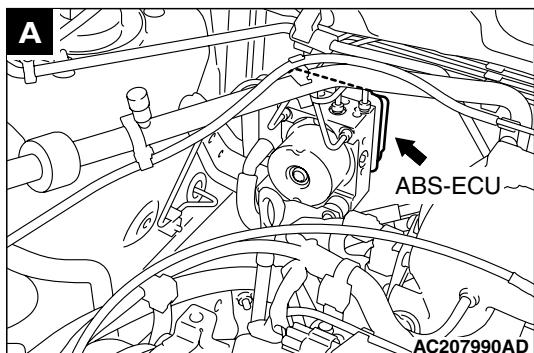
Name	Symbol	Name	Symbol
A/C-ECU <Automatic A/C>	E	Fan controller	C
A/C-ECU <Manual A/C>	E	Front-ECU	B
ABS-ECU	A	Immobilizer-ECU	D
Blower linear controller <Automatic A/C>	H	Power window main switch (built-in CPU)	J
Column-switch (built-in column-ECU)	D	Power window sub switch (built-in CPU)	I
Engine-ECU	H	SRS-ECU	G
ETACS-ECU	F	Sunroof motor assembly (built-in ECU)	K

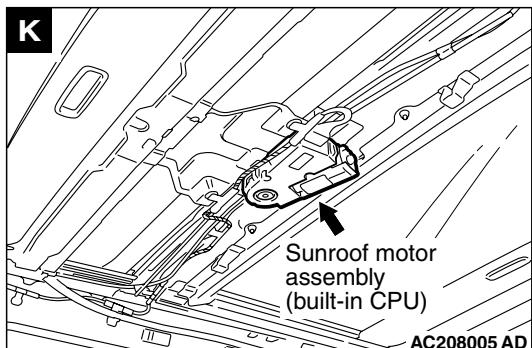
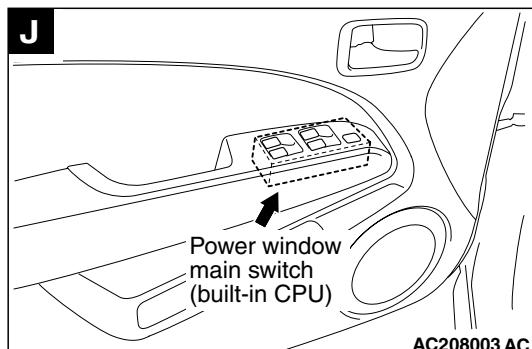
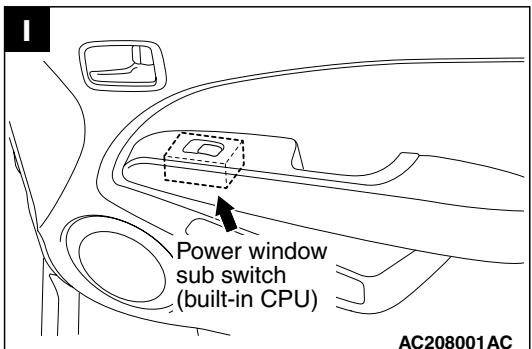
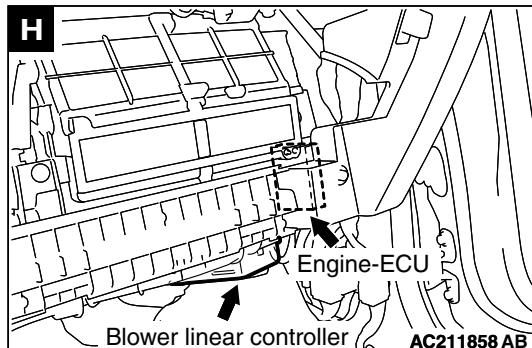
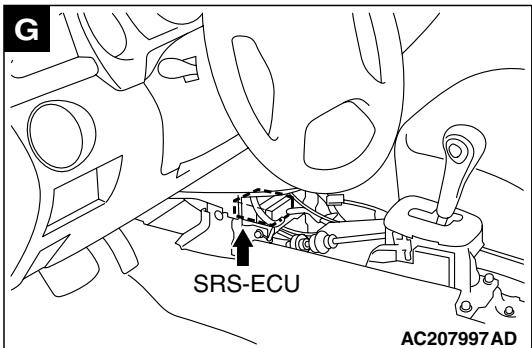


AC211771AB

**NOTE:**

\*:also equipped at the rear door.

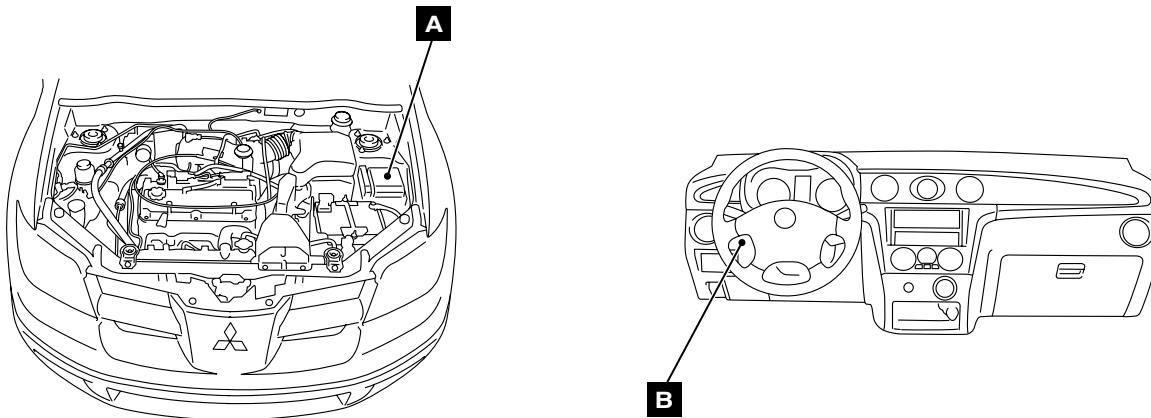




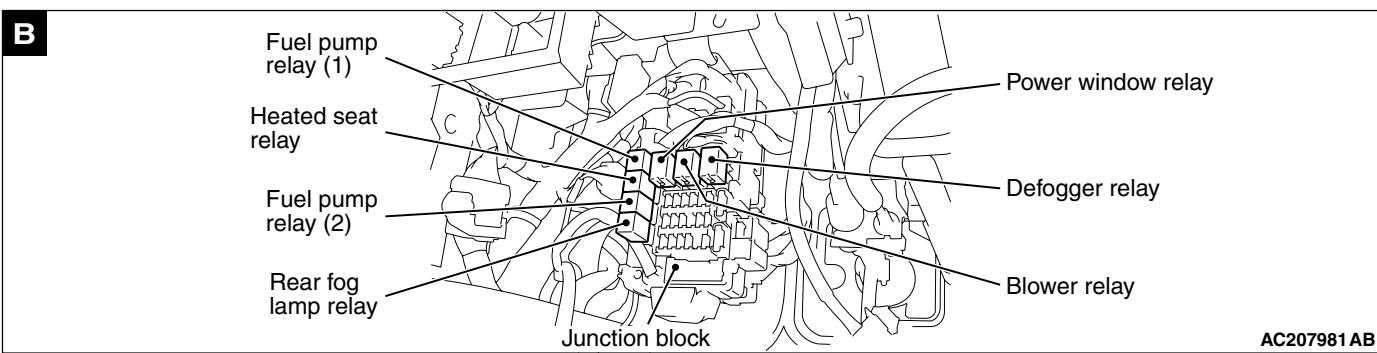
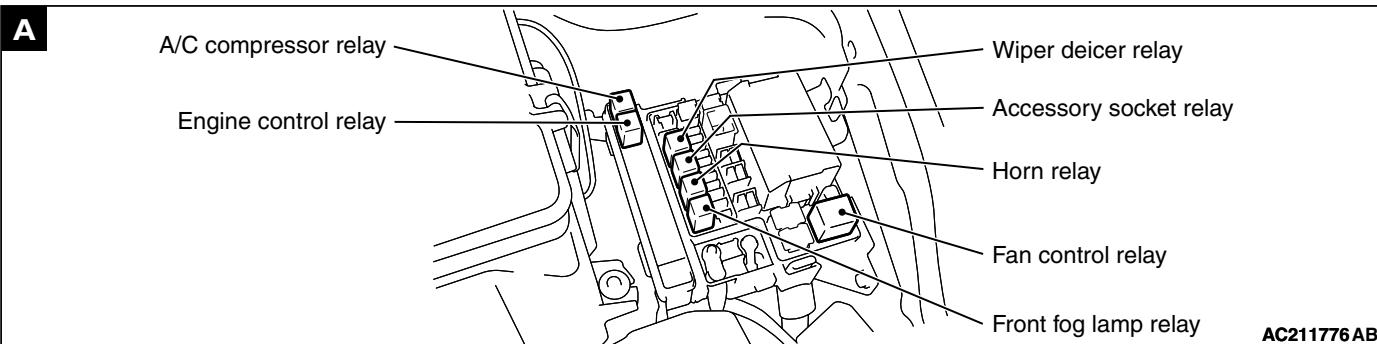
# RELAY

M3020000400194

Name	Symbol	Name	Symbol
A/C compressor relay	A	Fuel pump relay (1)	B
Accessory socket relay	A	Fuel pump relay (2)	B
Blower relay	B	Heated seat relay	B
Defogger relay	B	Horn relay	A
Engine control relay	A	Power window relay	B
Fan control relay	A	Rear fog lamp relay	B
Front fog lamp relay	A	Wiper deicer relay	A



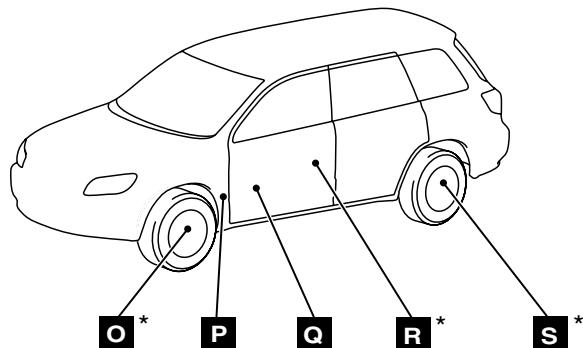
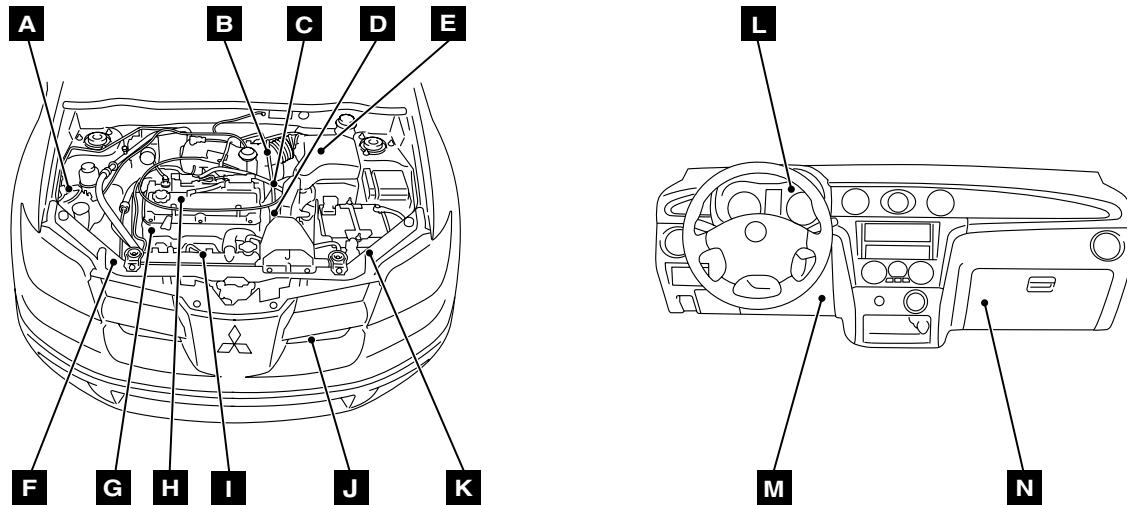
AC207979 AB



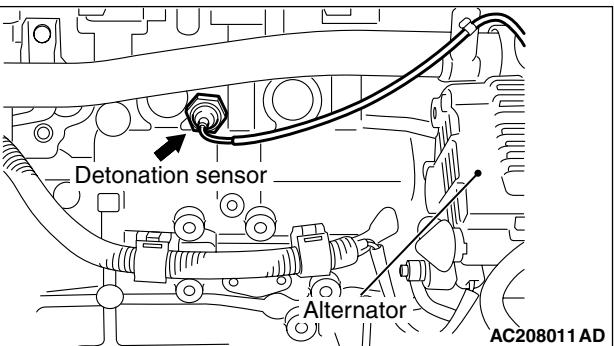
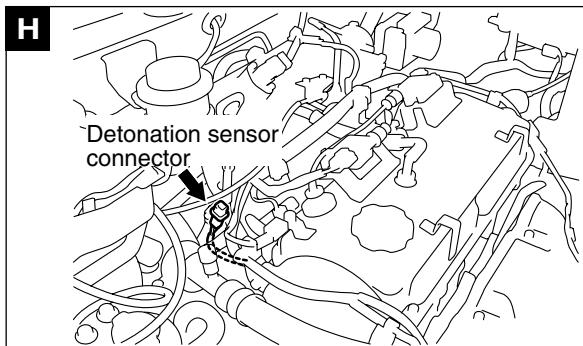
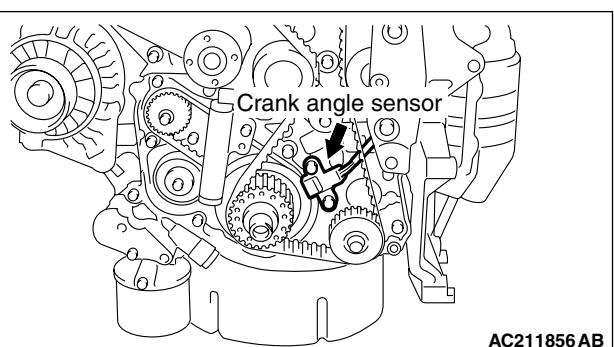
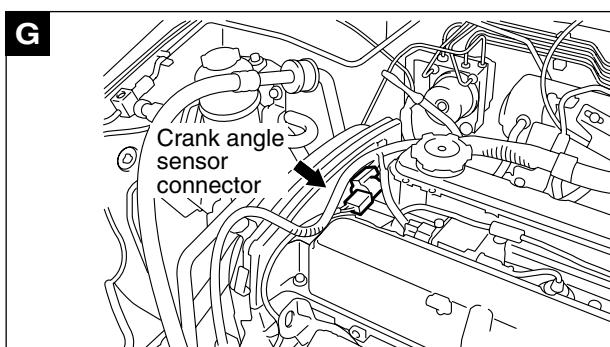
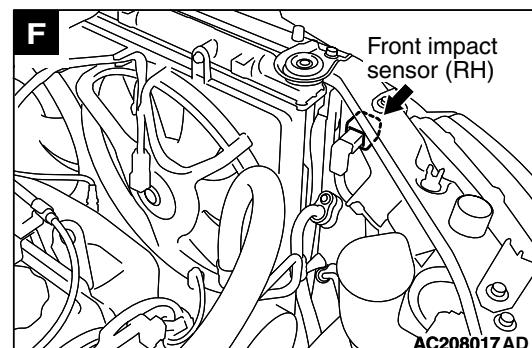
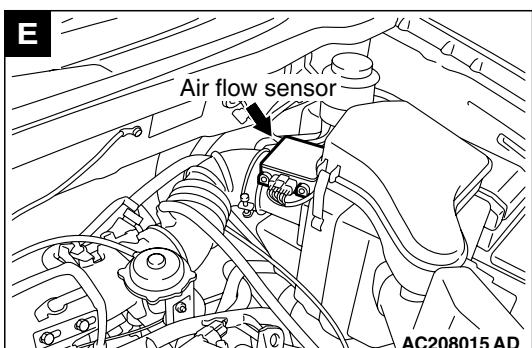
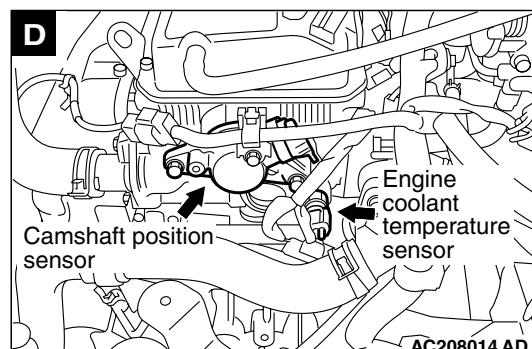
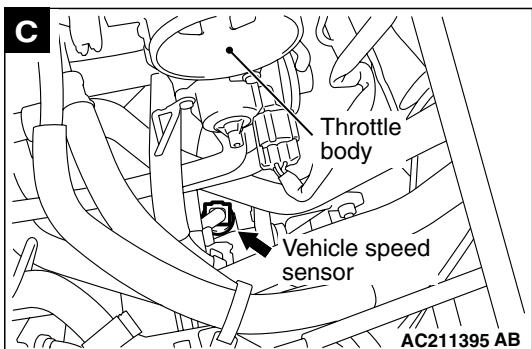
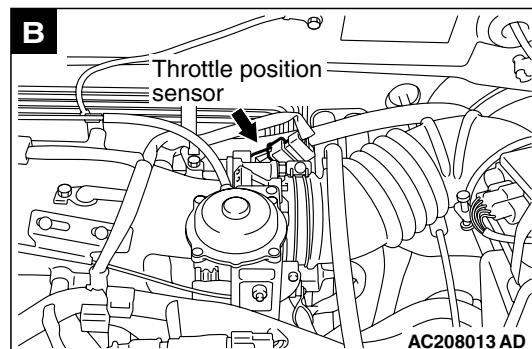
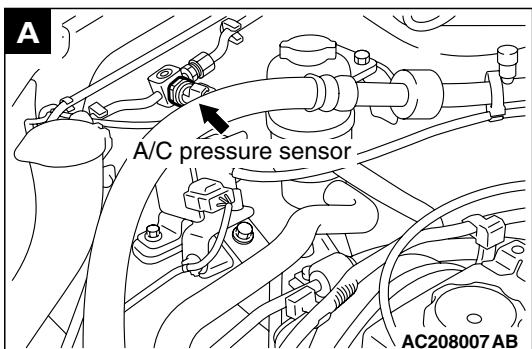
**SENSOR**

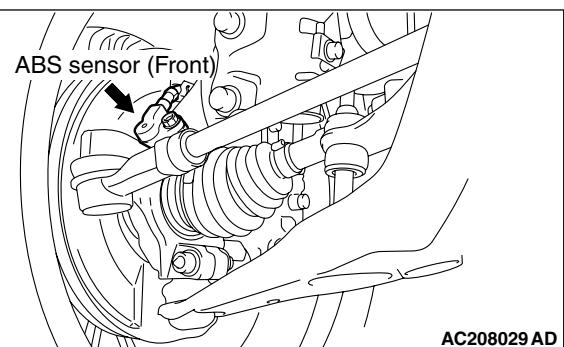
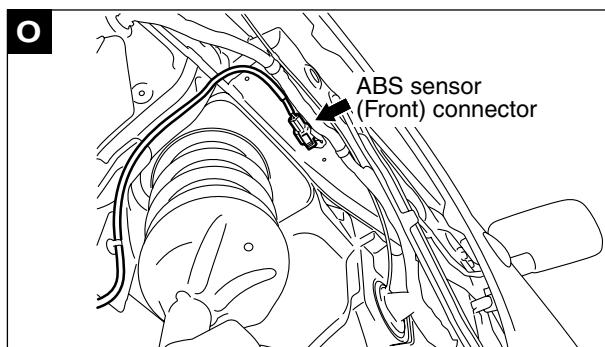
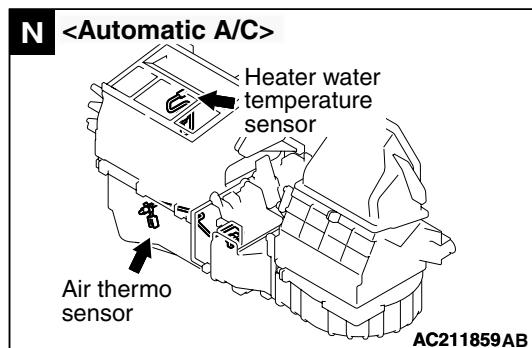
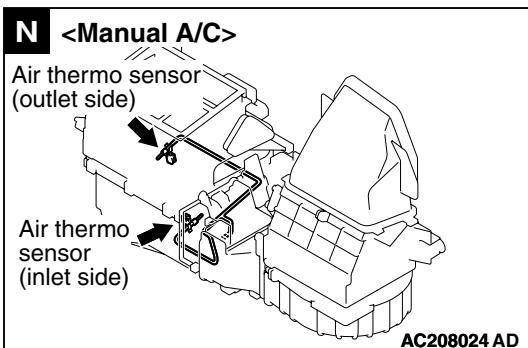
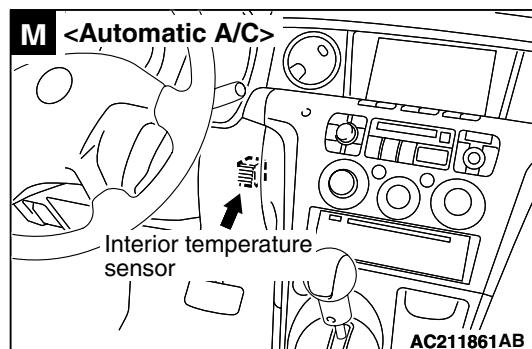
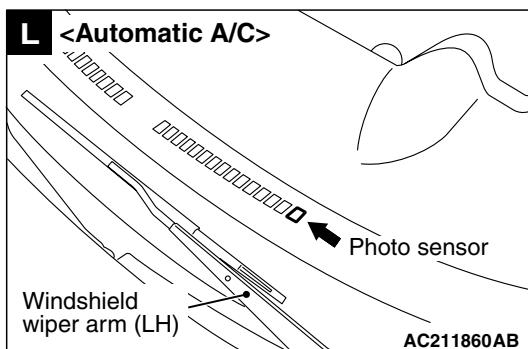
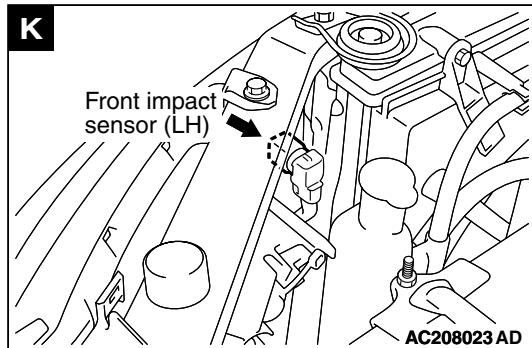
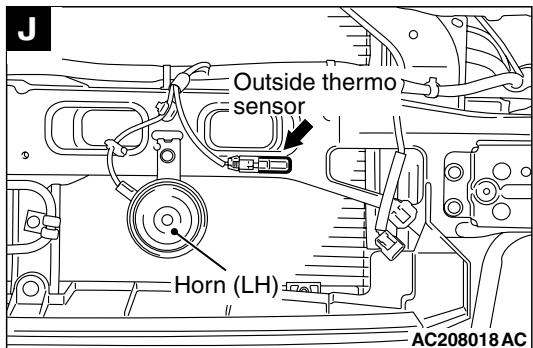
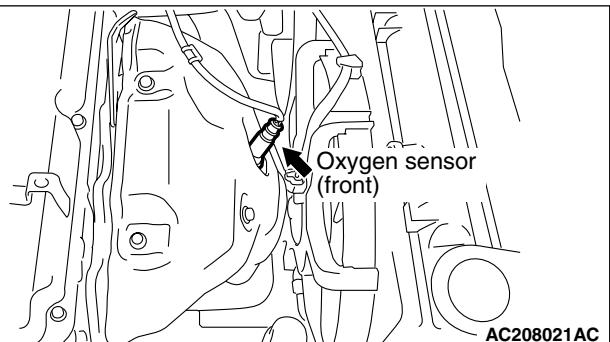
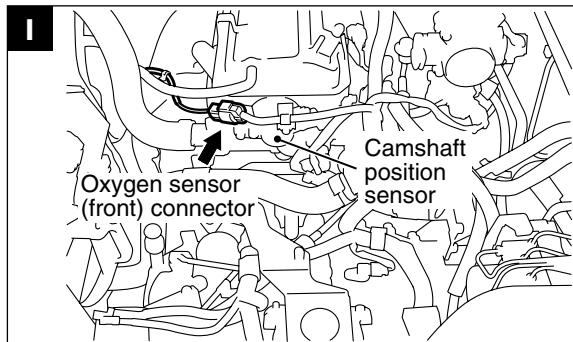
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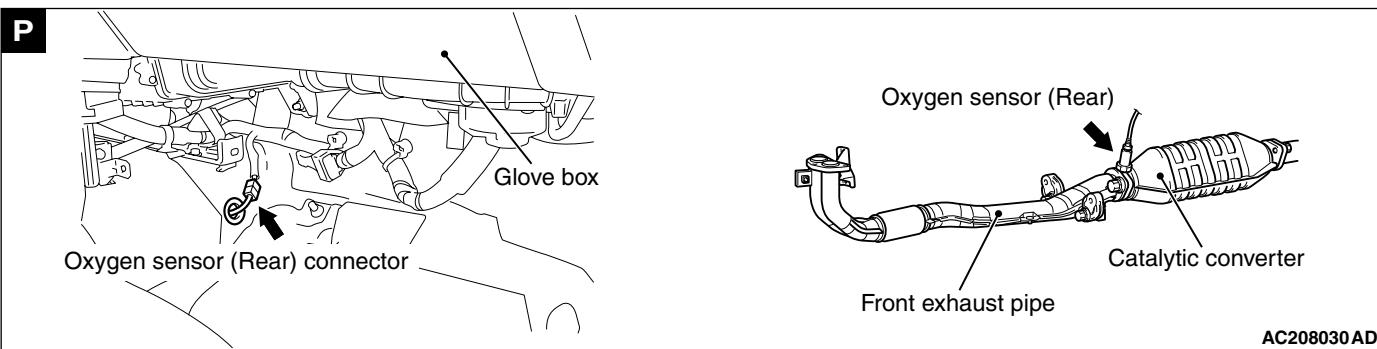
Name	Symbol	Name	Symbol
A/C pressure sensor	A	G sensor <ABS-4WD>	Q
ABS sensor (Front)	O	Heater water temperature sensor <Automatic A/C>	N
ABS sensor (Rear)	S	Interior temperature sensor <Automatic A/C>	M
Air flow sensor	E	Outside thermo sensor	J
Air thermo sensor	N	Oxygen sensor (Front)	I
Camshaft position sensor	D	Oxygen sensor (Rear)	P
Crank angle sensor	G	Photo sensor <Automatic A/C>	L
Detonation sensor	H	Side impact sensor	R
Engine coolant temperature sensor	D	Throttle position sensor	B
Front impact sensor (LH)	K	Vehicle speed sensor	C
Front impact sensor (RH)	F		

**NOTE:**

\*:also equipped at the right side.



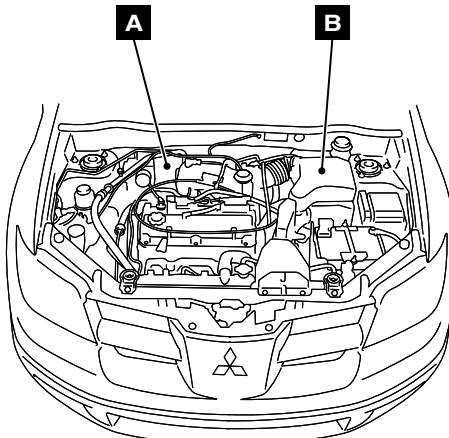




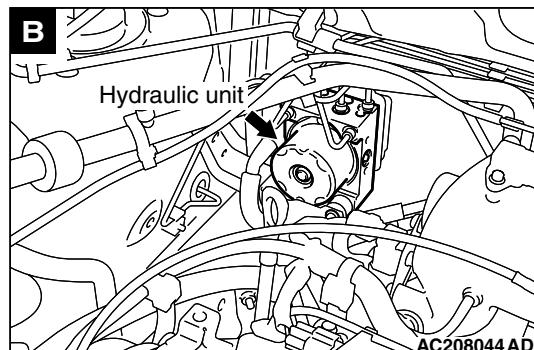
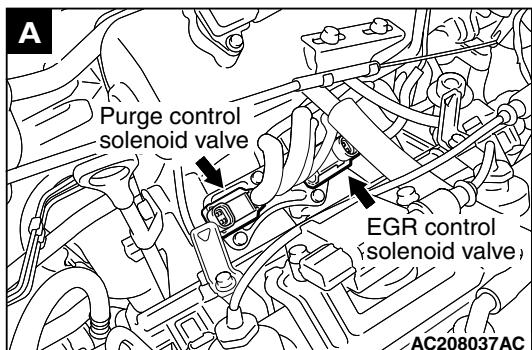
**SOLENOID VALVE**

M3020000800170

Name	Symbol	Name	Symbol
EGR control solenoid valve	A	Purge control solenoid valve	A
Hydraulic unit (built-in ABS solenoid valve)	B		



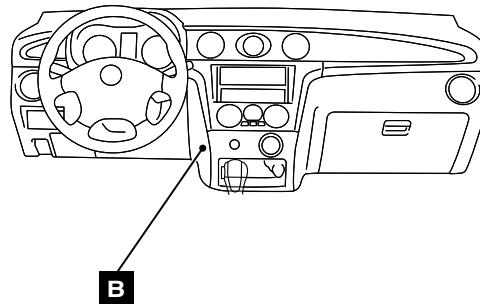
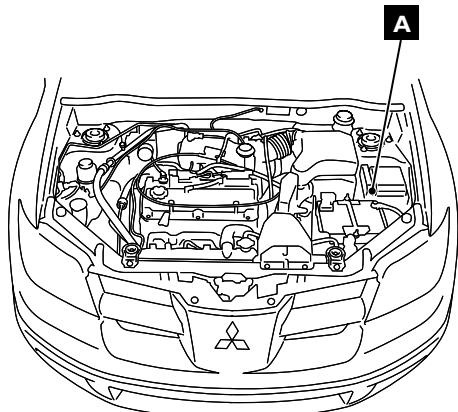
AC211772AB



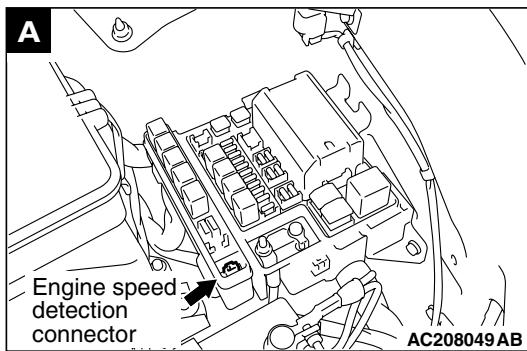
## INSPECTION CONNECTOR

M3020000200208

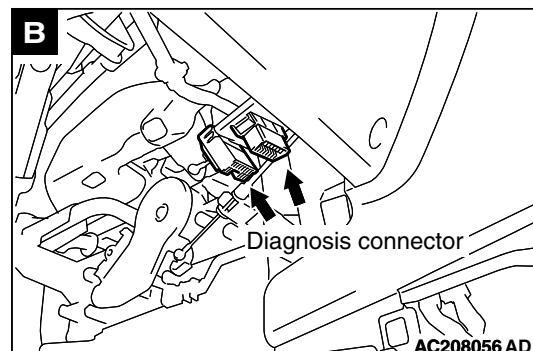
Name	Symbol	Name	Symbol
Diagnosis connector	B	Engine speed detection connector	A



AC207979 AE



AC208049 AB

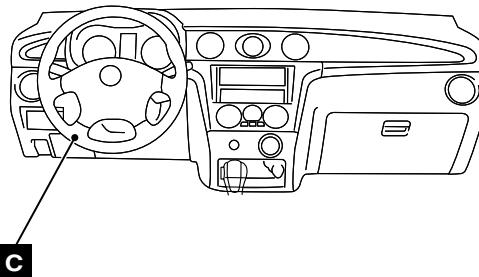
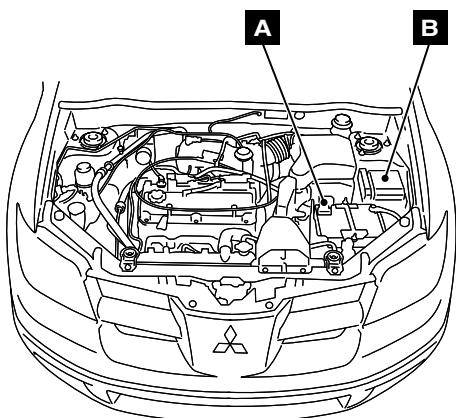


AC208056 AD

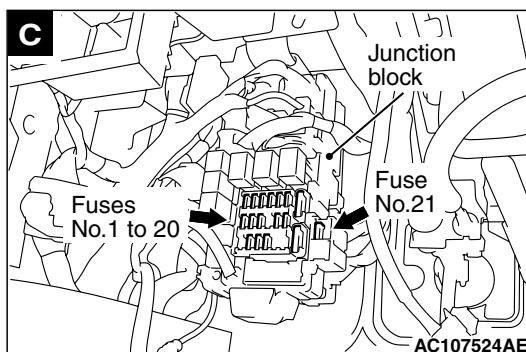
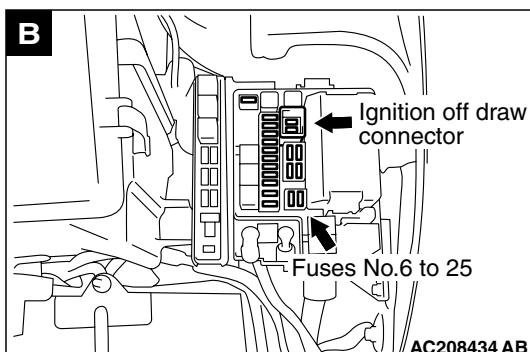
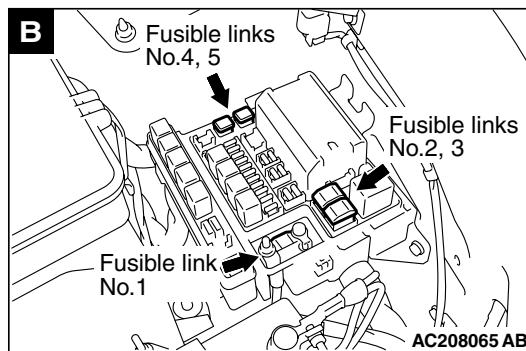
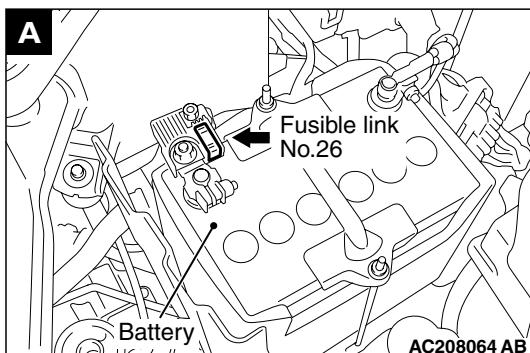
## **FUSIBLE LINK, FUSE AND IGNITION OFF DRAW CONNECTOR**

M3020000100171

Name	Symbol	Name	Symbol
Fuses No.6 to 25 (Engine compartment)	B	Fusible links No.1 to 5 (Engine compartment)	B
Fuses No.1 to 21 (Passenger compartment)	C	Fusible link No.26 (Engine compartment)	A
		Ignition off draw connector	B

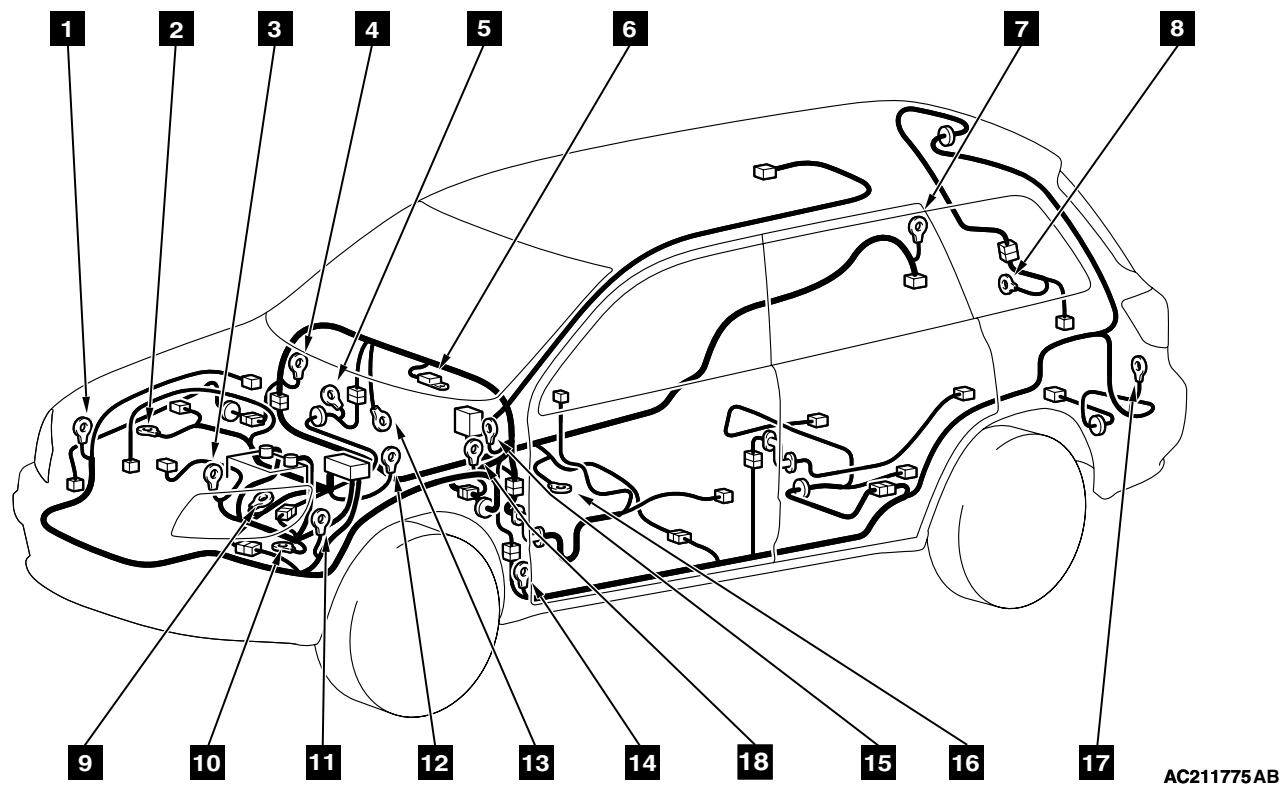


AC211773 AB



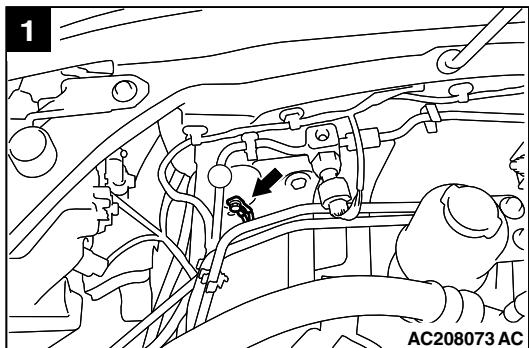
# EARTH

M3020000300197

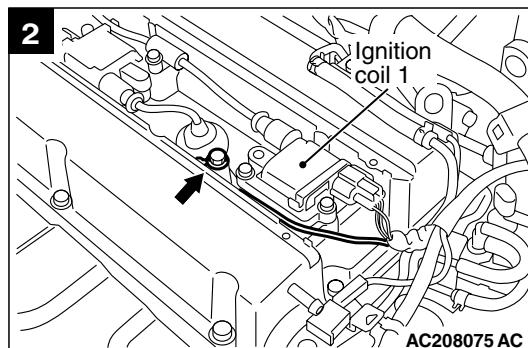


AC211775AB

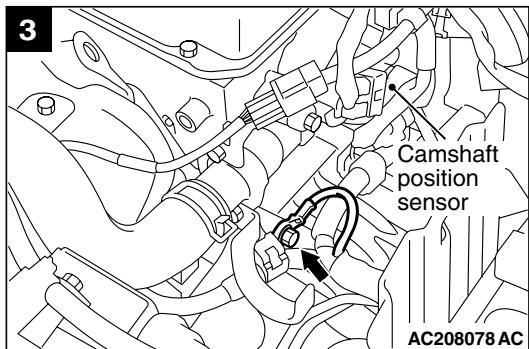
*NOTE: Same earth numbers are used in the circuit diagram.*



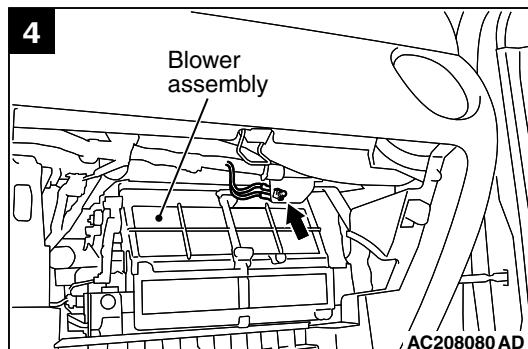
AC208073 AC



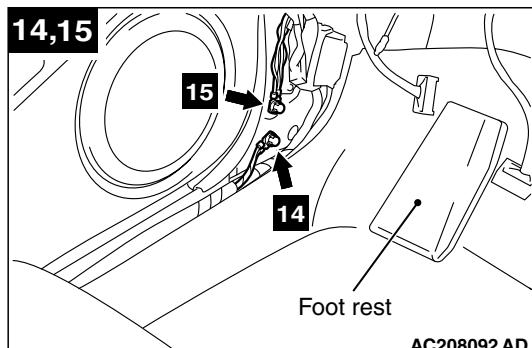
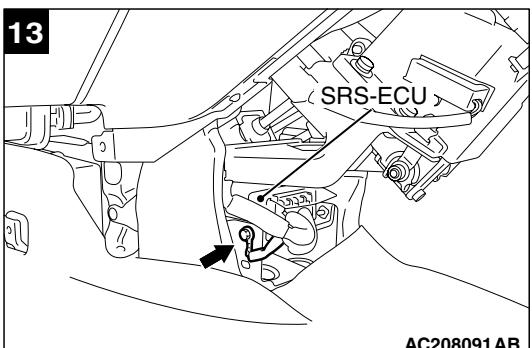
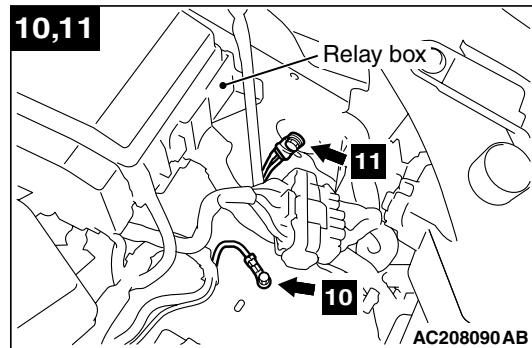
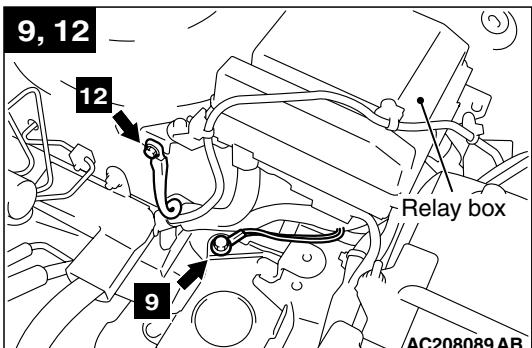
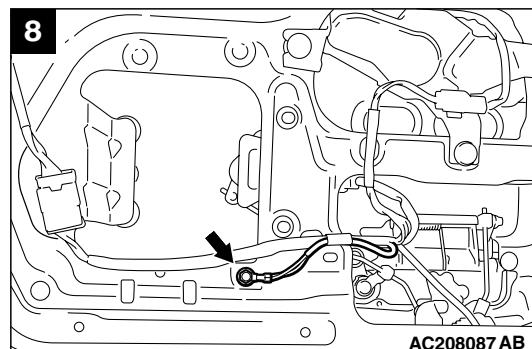
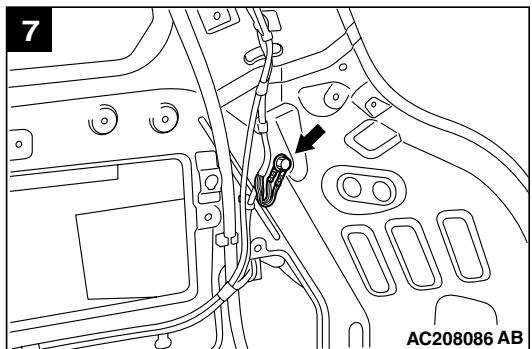
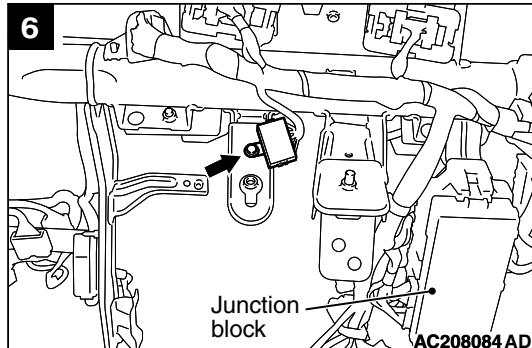
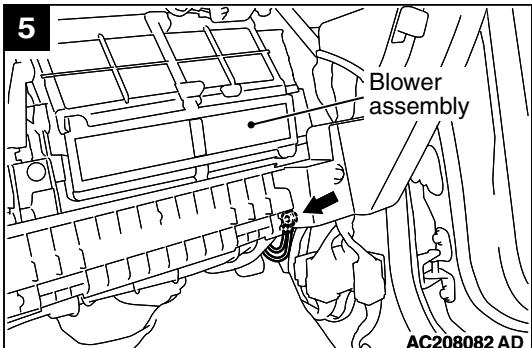
AC208075 AC

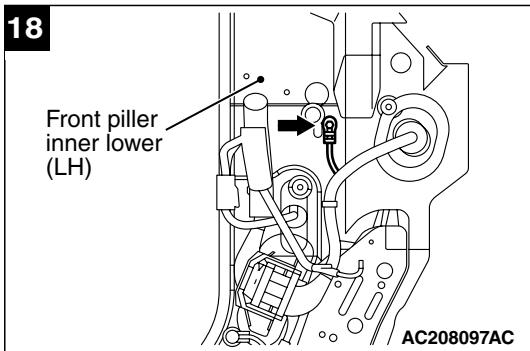
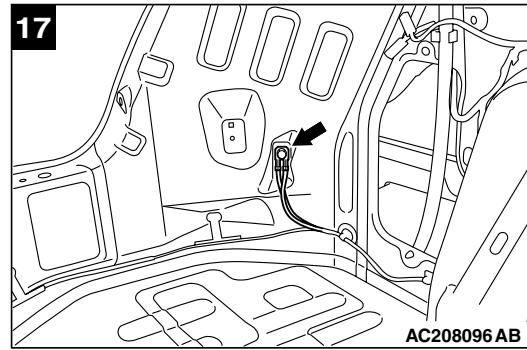
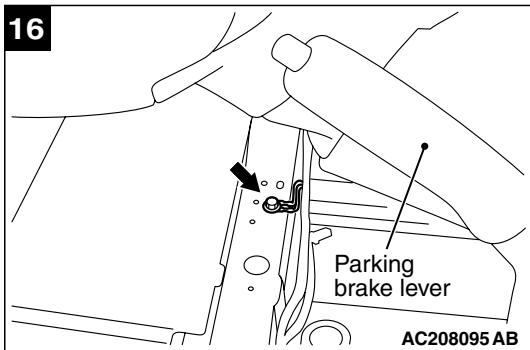


AC208078 AC



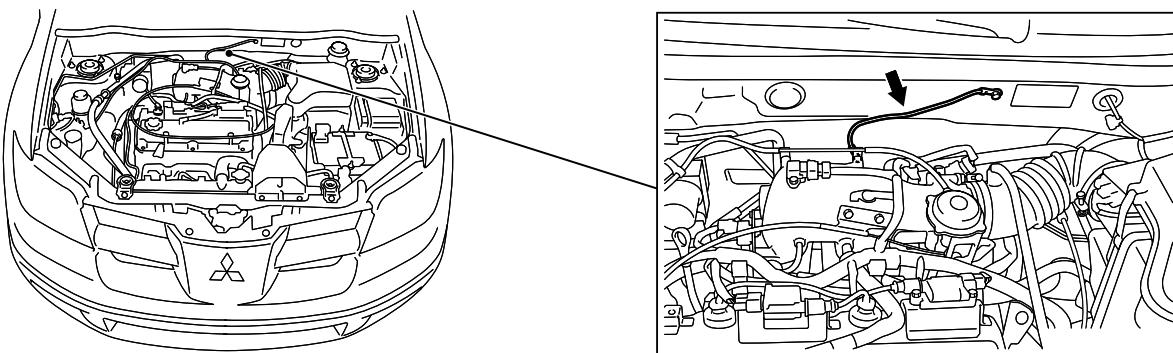
AC208080 AD





## EARTH CABLE

M3020001000199



AC211774 AB

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**NOTES**

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## GROUP 3

# CIRCUIT DIAGRAMS

3

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Continued on next page

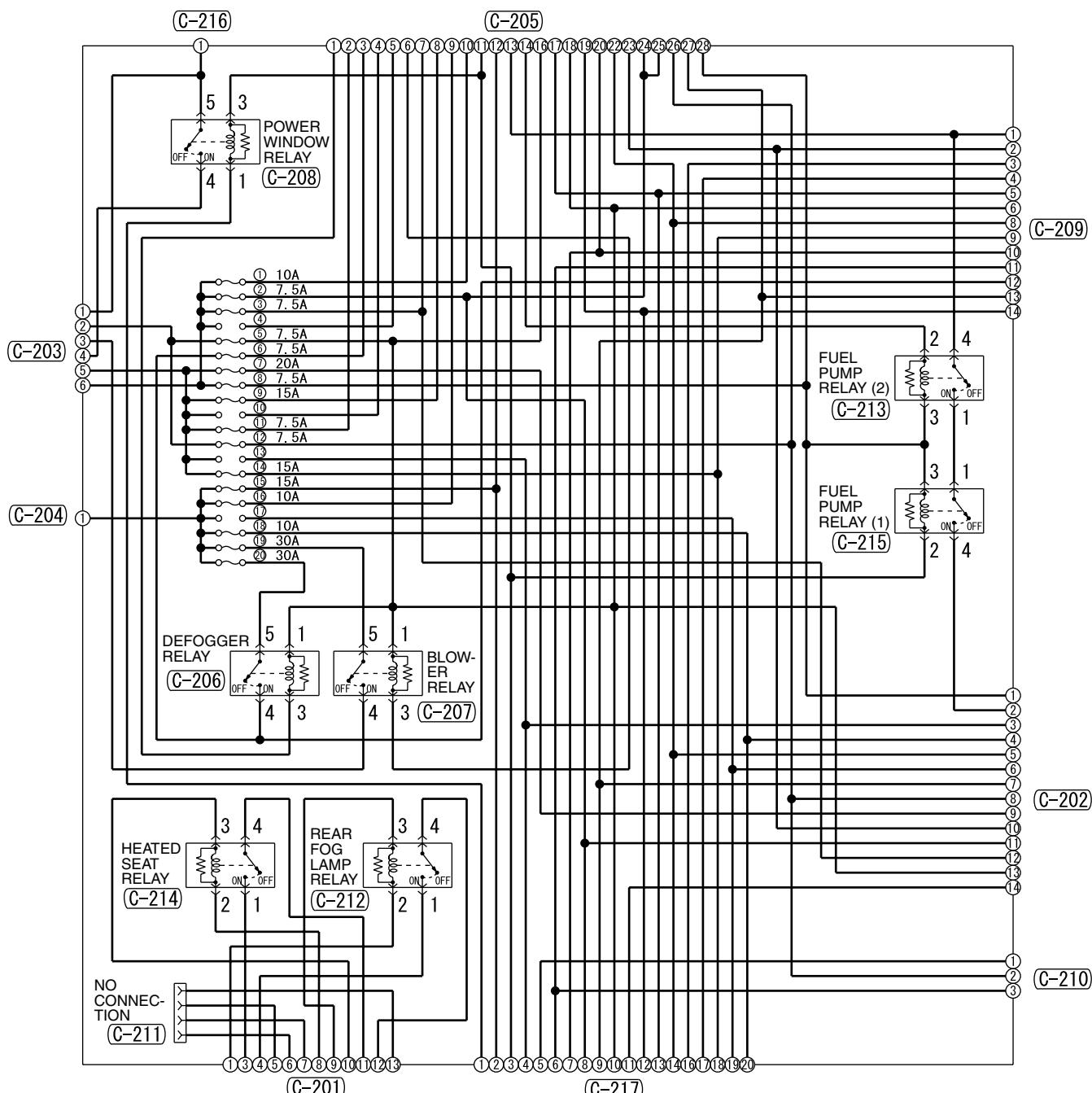
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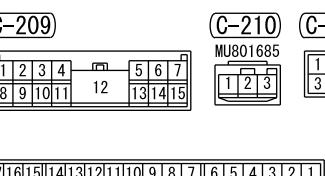
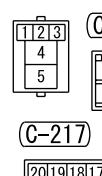
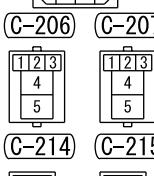
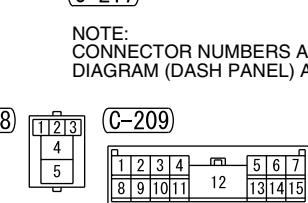
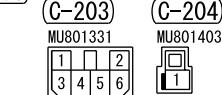
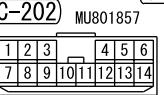
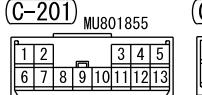
**NOTES**

J/B

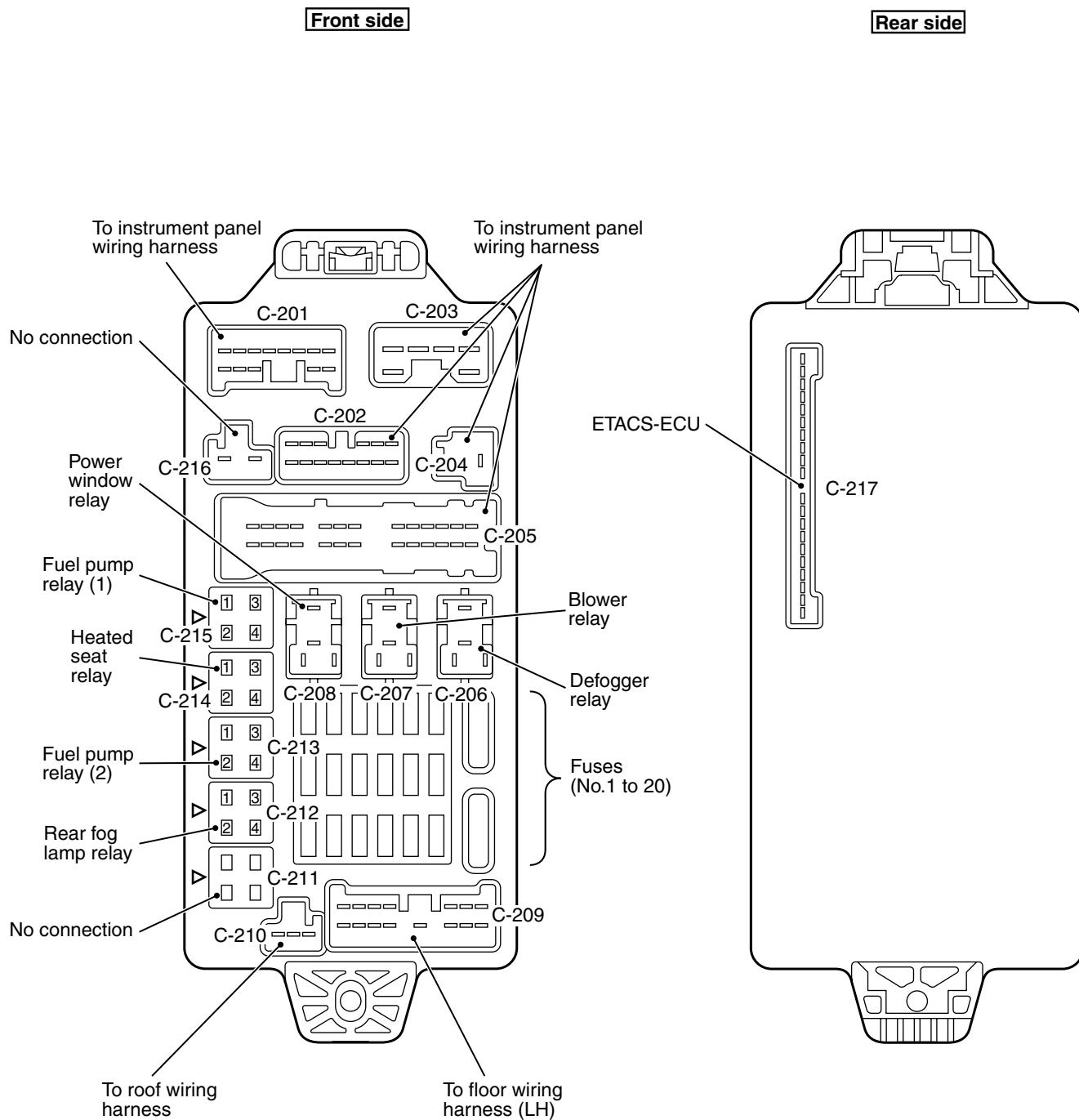
M3030000200210



NOTE:  
CONNECTOR NUMBERS ARE KEYED TO THE CONFIGURATION  
DIAGRAM (DASH PANEL) AND EACH CIRCUIT DIAGRAM.



H3Z00E00AA



**NOTE:**

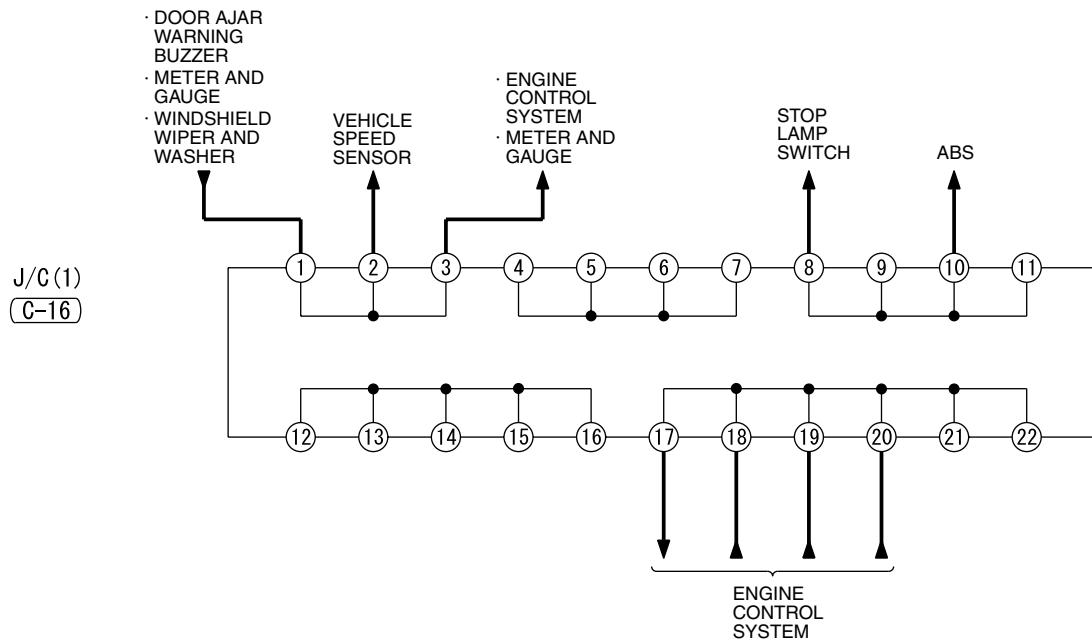
- The terminals of the fuel pump relay, heated seat relay and rear fog lamp relay are numbered when the junction block's triangle mark row is positioned above.

AC208362AE

J/C

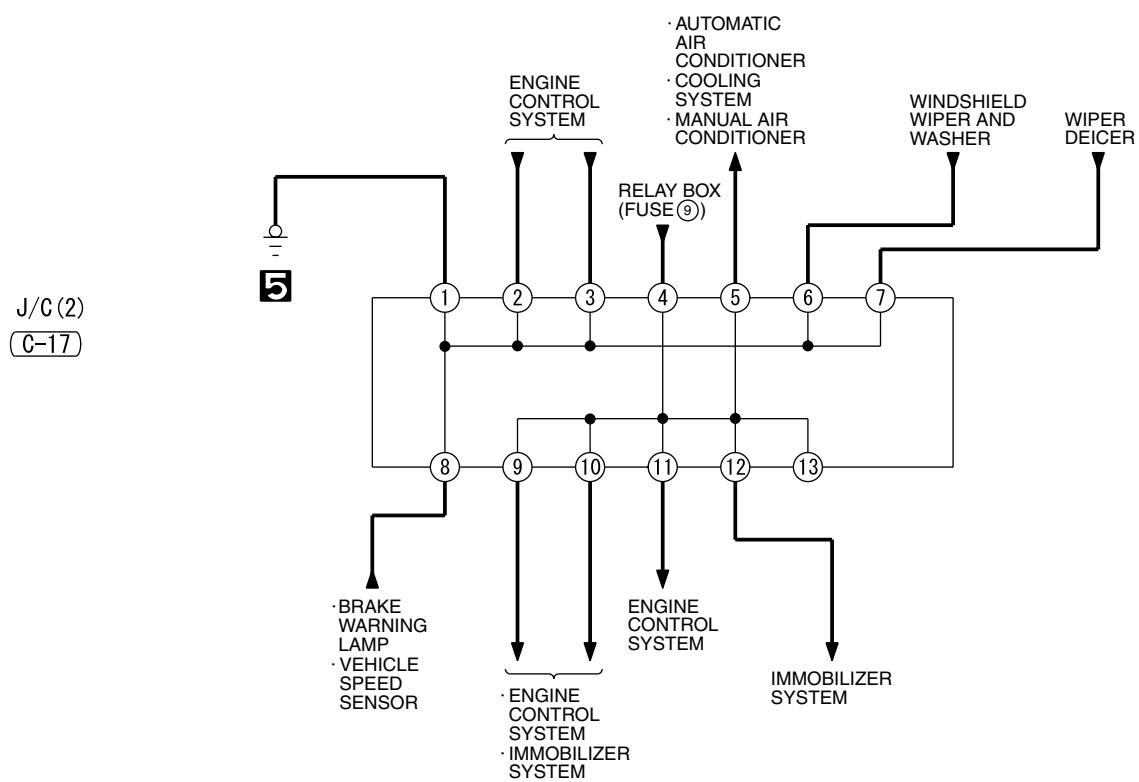
M3030014200280

NOTE: IN THE ACTUAL VEHICLE, SOME OF THE JOINT CONNECTOR TERMINALS IN THE SAME BUS ARE USED, SO IN SOME CASES, THE TERMINAL ARRANGEMENT INDICATED ON THE CIRCUIT DIAGRAMS DO NOT COINSIDE WITH THE ONES IN THE ACTUAL VEHICLE.

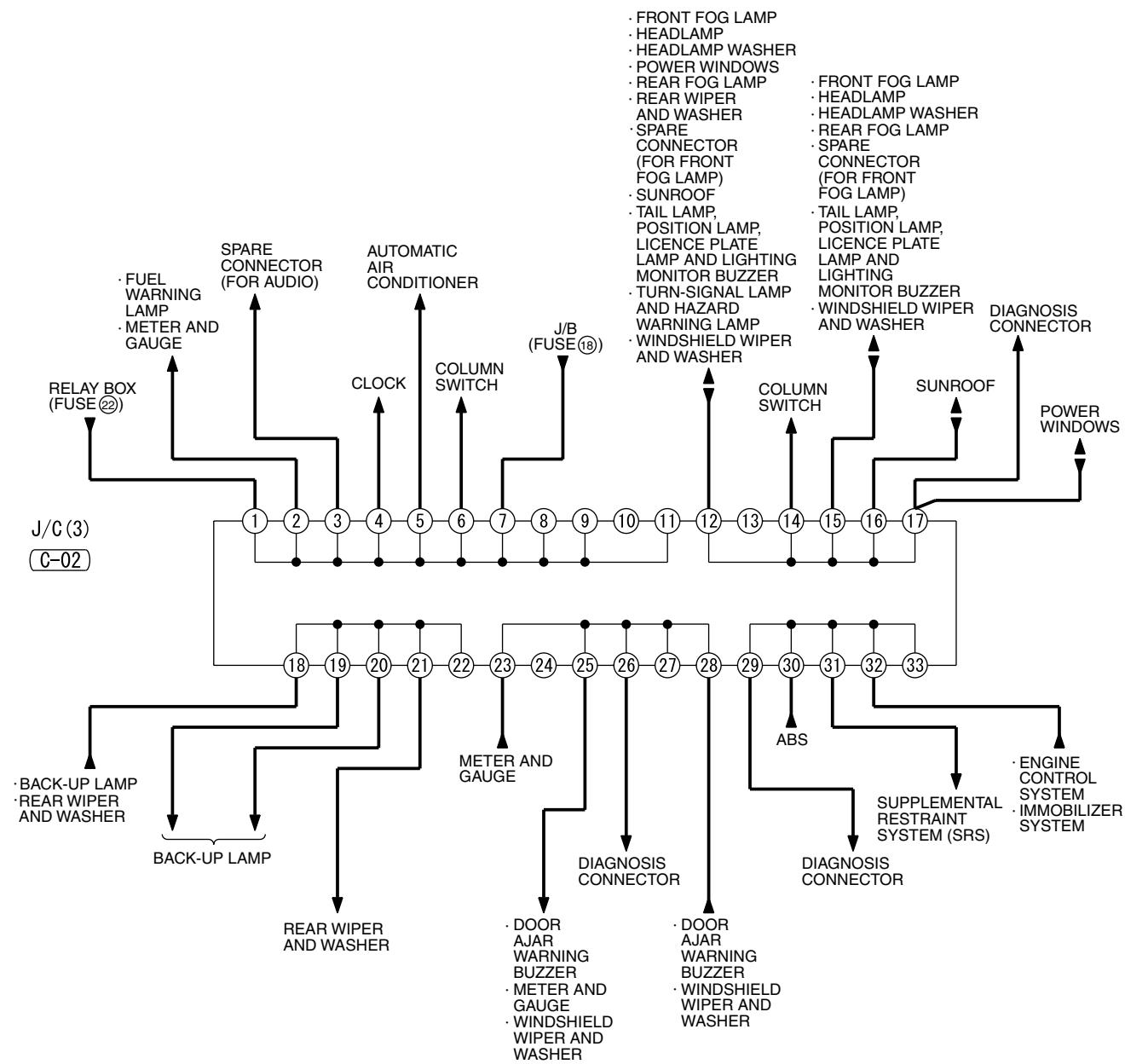


(C-16)										
1	2	3	4	5	6	7	8	9	10	11

(C-17) MU801856										
1	2	3	4	5	6	7	8	9	10	11



J/C (CONTINUED)

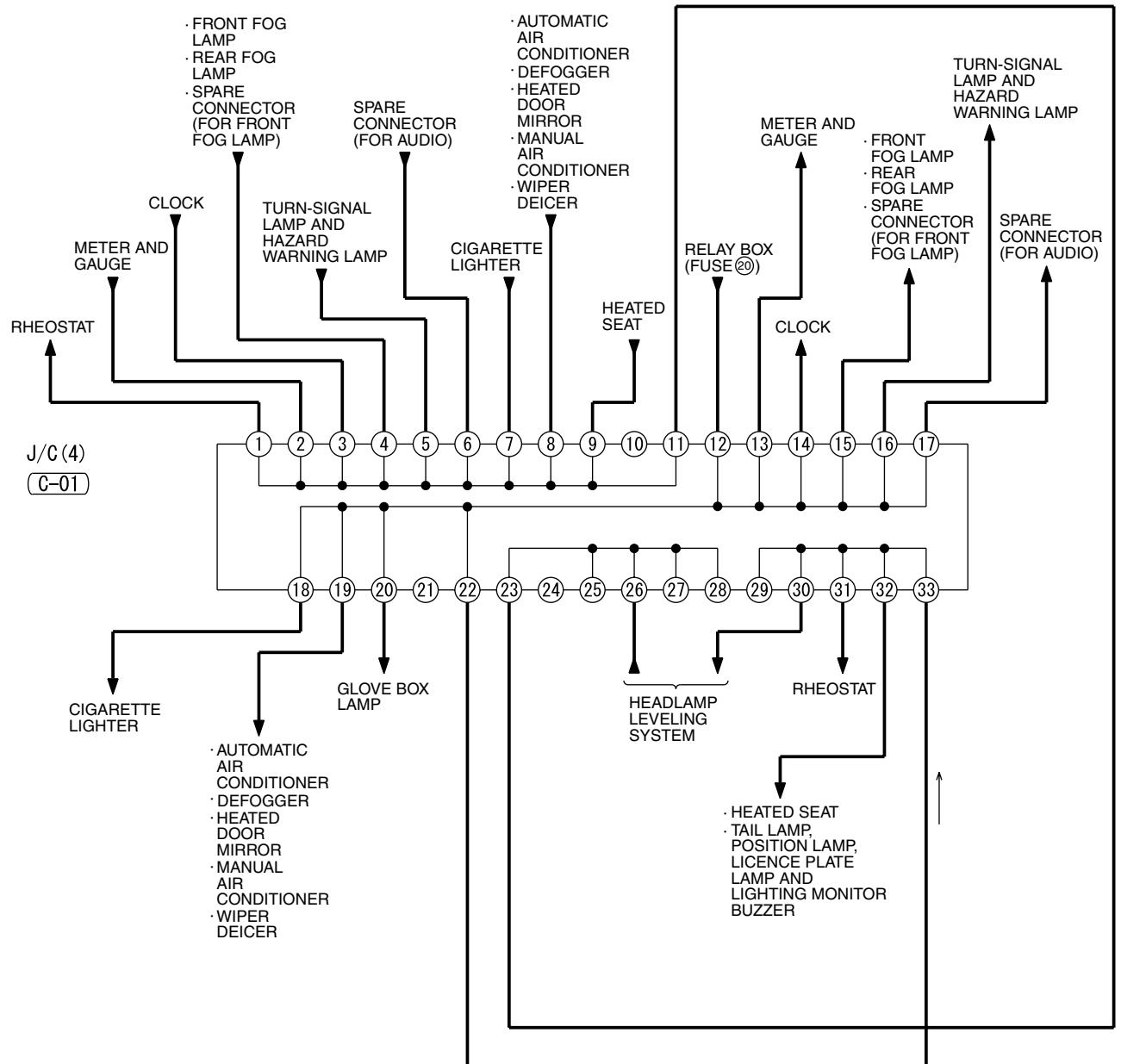


(C-01)

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

(C-02)

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



## CENTRALIZED JUNCTION

M3030000300251

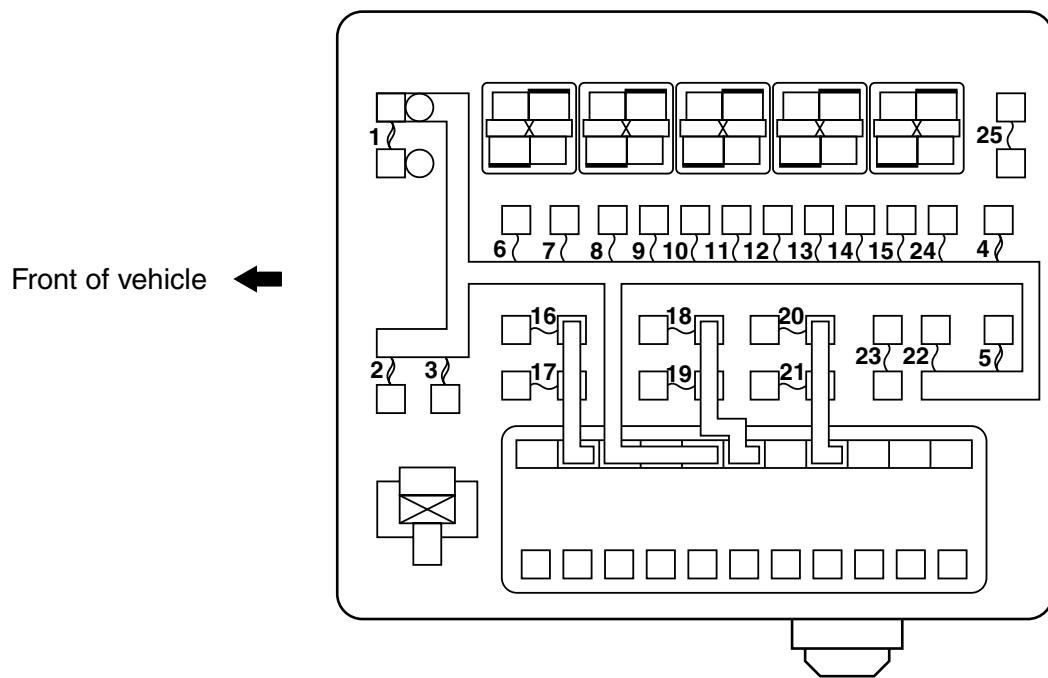
### FUSIBLE LINK AND FUSE

#### ENGINE COMPARTMENT

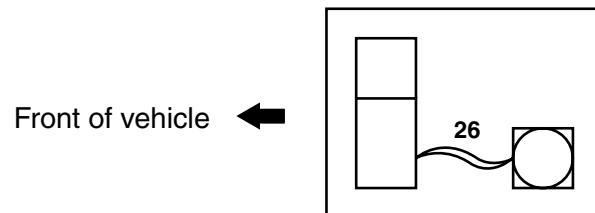
No.	Power supply circuit	Name	Rated capacity (A)	Housing colour	Load circuit
1	Battery	Fusible link	60	Yellow	Fuse No.6,15, 16, 18, 19, 20 (in junction block) circuit
2			50	Red	Fan control relay and fan controller
3			60	Yellow	ABS-ECU
4			40	Green	Ignition switch circuit
5			30	Pink	Fuse No.21 (in junction block) circuit, power window main switch, power window motor, power window relay, front door switch and power window sub switch
6		Fuse	15	Blue	Front fog lamp, front fog lamp relay and front fog lamp indicator lamp
7			20	Yellow	Heated seat assembly, heated seat relay and heated seat switch
8			10	Red	Horn relay and horn
9			20	Yellow	Air flow sensor, camshaft position sensor, crank angle sensor, EGR control solenoid valve, engine-ECU, engine control relay, fan control relay, idle speed control servo, immobilizer-ECU, injector, oxygen sensor and purge control solenoid valve
10			10	Red	A/C-ECU, A/C compressor assembly and A/C compressor relay
11			15	Blue	ABS-ECU, high-mounted stop lamp, rear combination lamp and stop lamp switch
12			15	Blue	Wiper deicer relay and wiper deicer
13			7.5	Brown	Alternator
14			10	Red	ETACS-ECU, front turn signal lamp, hazard indicator lamp, rear combination lamp, side turn signal lamp and turn signal indicator lamp
15			—	—	—

No.	Power supply circuit	Name	Rated capacity (A)	Housing colour	Load circuit
16	Front-ECU (Headlamp relay: Hi)	Fuse	10	Red	Headlamp (RH)
17			10	Red	Headlamp (LH) and high beam indicator lamp
18			10	Red	Headlamp (RH)
19			10	Red	Headlamp (LH), headlamp assembly and headlamp leveling switch
20			7.5	Brown	A/C-ECU, audio, cigarette lighter illumination lamp, combination meter, fog lamp switch, glove box lamp, hazard warning switch, headlamp leveling switch, heated seat switch, position lamp (RH), rear combination lamp (RH) and rheostat
21			7.5	Brown	Licence plate lamp, position lamp (LH) and rear combination lamp (LH)
22			10	Red	Column-ECU, front-ECU and audio
23			10	Red	Accessory socket relay, audio and ETACS-ECU
24			15	Blue	Fuel pump relay (1), fuel pump and gauge unit
25			15	Blue	Accessory socket relay and accessory socket
26		Fusible link	100	—	Alternator

(Relay box in engine compartment)



(Connected directly to battery positive terminal)

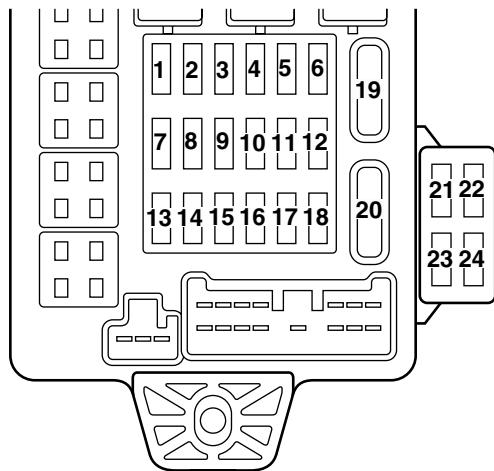


AC208366 AB

PASSENGER COMPARTMENT

No.	Power supply circuit	Name	Rated capacity (A)	Housing colour	Load circuit
1	Ignition switch (IG1)	Fuse	10	Red	Capacitor and ignition coil
2			7.5	Brown	ABS warning lamp, charging warning lamp, column switch, combination meter, engine warning lamp, ETACS-ECU, SRS air bag warning lamp, SRS-ECU and vehicle speed sensor
3			7.5	Brown	ETACS-ECU, rear combination lamp and SRS-ECU
4			—	—	—
5	Ignition switch (IG2)		7.5	Brown	A/C compressor relay, A/C-ECU, blower relay, defogger relay, front-ECU and outside/inside air selection damper control motor
6	Defogger relay		7.5	Brown	Defogger, mirror heater and wiper deicer relay
7	Ignition switch (ACC)		20	Yellow	Front-ECU and windshield wiper motor
8	Ignition switch (IG1)		7.5	Brown	Engine-ECU, fuel pump relay (1) and fuel pump relay (2)
9	Ignition switch (ACC)		15	Blue	Cigarette lighter
10			—	—	—
11			7.5	Brown	Remote controlled mirror switch
12	Ignition switch (IG2)		7.5	Brown	ABS-ECU, G sensor <4WD> and sunroof motor assembly
13	Ignition switch (ACC)		—	—	—
14			15	Blue	ETACS-ECU and rear wiper motor
15	Fusible link No.1		15	Blue	Diagnosis connector and ETACS-ECU
16			10	Red	Combination meter, rear fog lamp, rear fog lamp indicator lamp and rear fog lamp relay
17			—	—	—
18			10	Red	A/C-ECU, column switch, combination meter and ETACS-ECU
19			30	Green	A/C-ECU, blower linear controller, blower motor, blower relay, blower switch and resistor
20			30	Green	Defogger relay and defogger
21	Fusible link No.5		20	Yellow	Sunroof motor assembly
22	—		—	—	—
23	—		—	—	—
24	—		—	—	—

(In junction block)

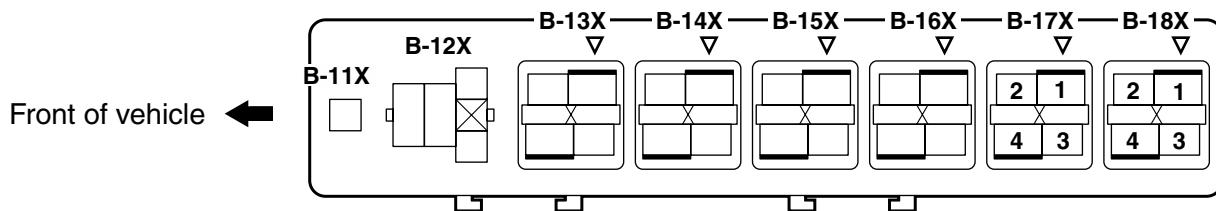
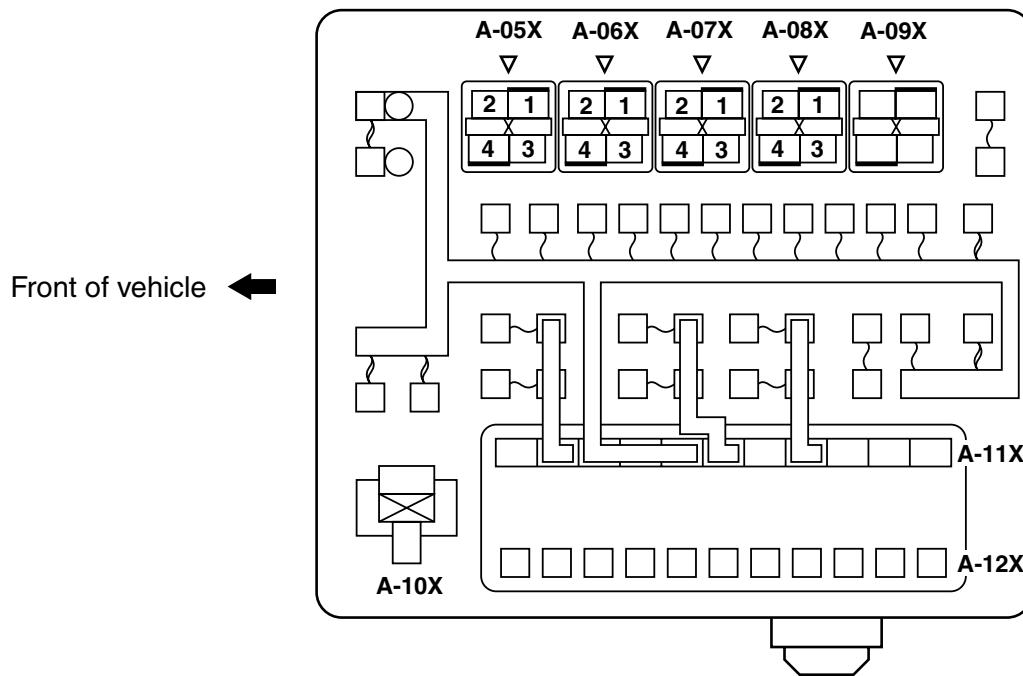


AC208367AB

## CENTRALIZED RELAY

Connector No.	Name	Connector No.	Name
A-05X	Front fog lamp relay or spare connector (for front fog lamp relay)	B-11X	Engine speed detection connector
A-06X	Horn relay	B-12X	—
A-07X	Accessory socket relay	B-13X	—
A-08X	Wiper deicer relay	B-14X	—
A-09X	—	B-15X	—
A-10X	Fan control relay	B-16X	—
A-11X	Front-ECU	B-17X	Engine control relay
A-12X	Front-ECU	B-18X	A/C compressor relay

(Relay box in engine compartment)



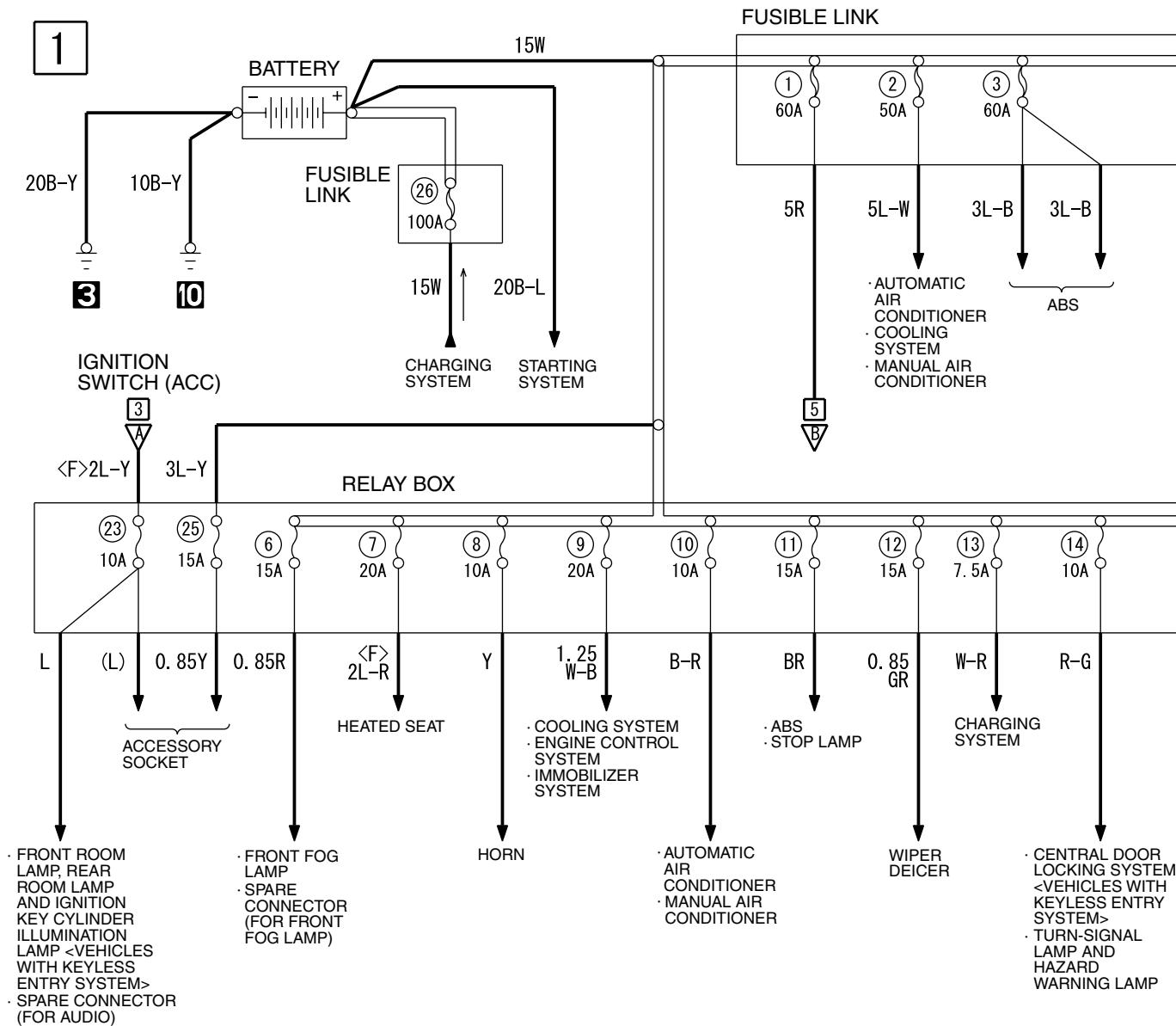
AC208369AC

### NOTE:

- The terminals of the relays (A-05X to A-08X, B-13X, B-18X) are numbered when the relay box's triangle mark row is positioned above.

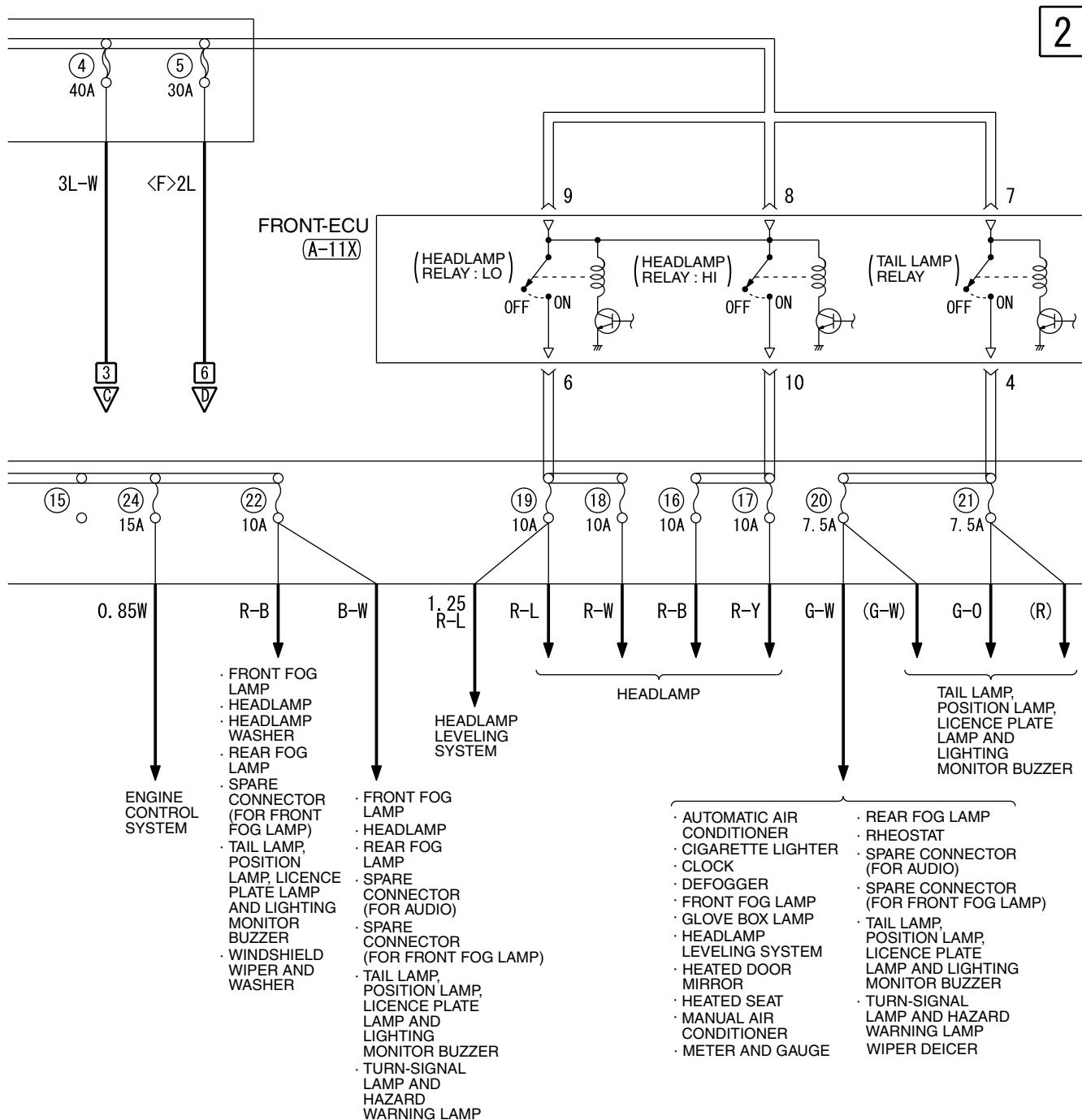
POWER DISTRIBUTION SYSTEM

M3030000400322



(A-11X)

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

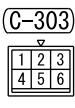
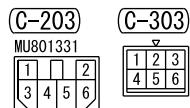
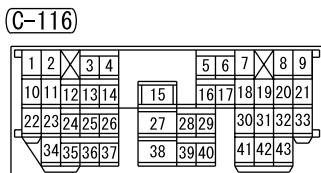
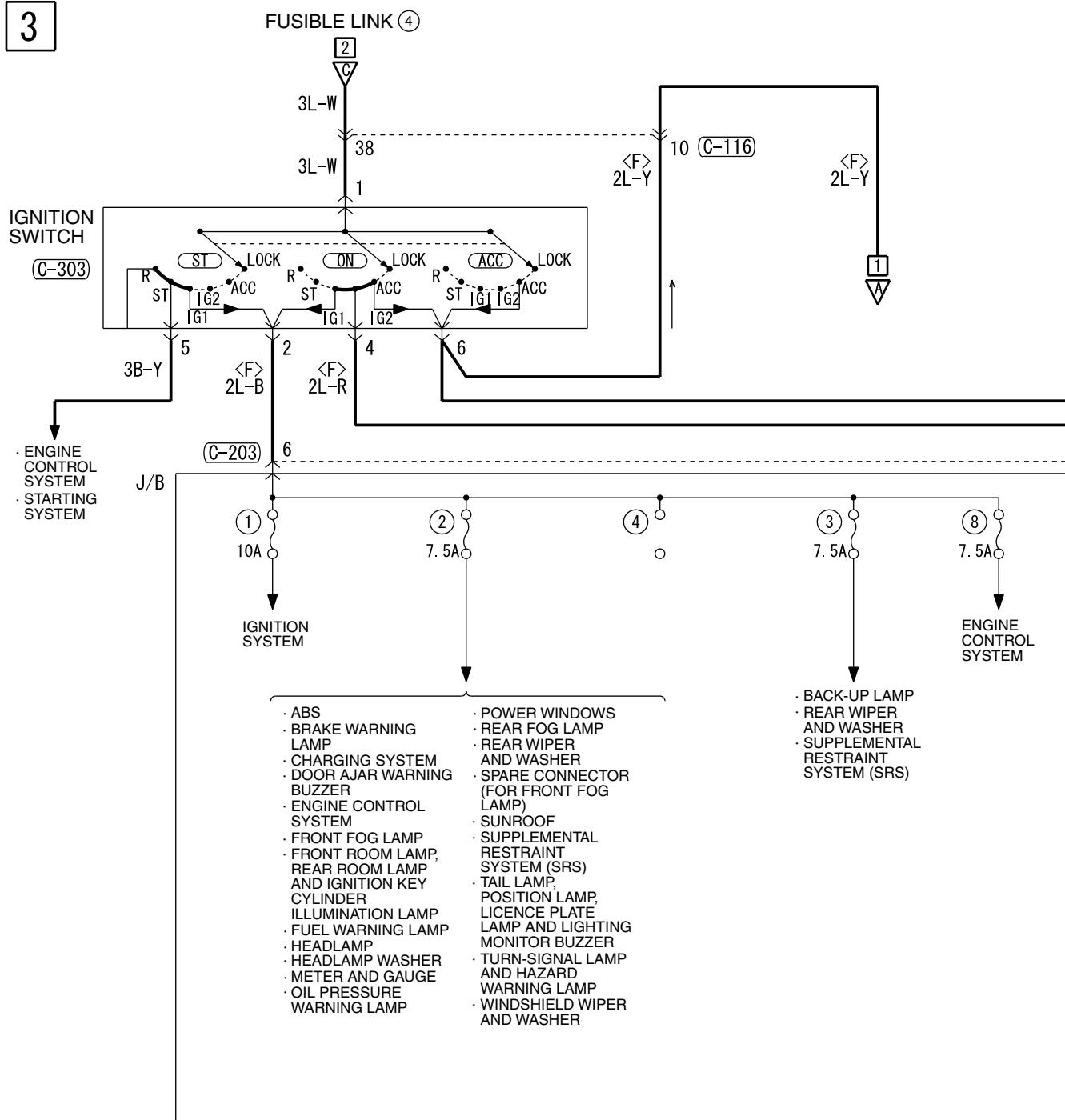


## Wire colour code

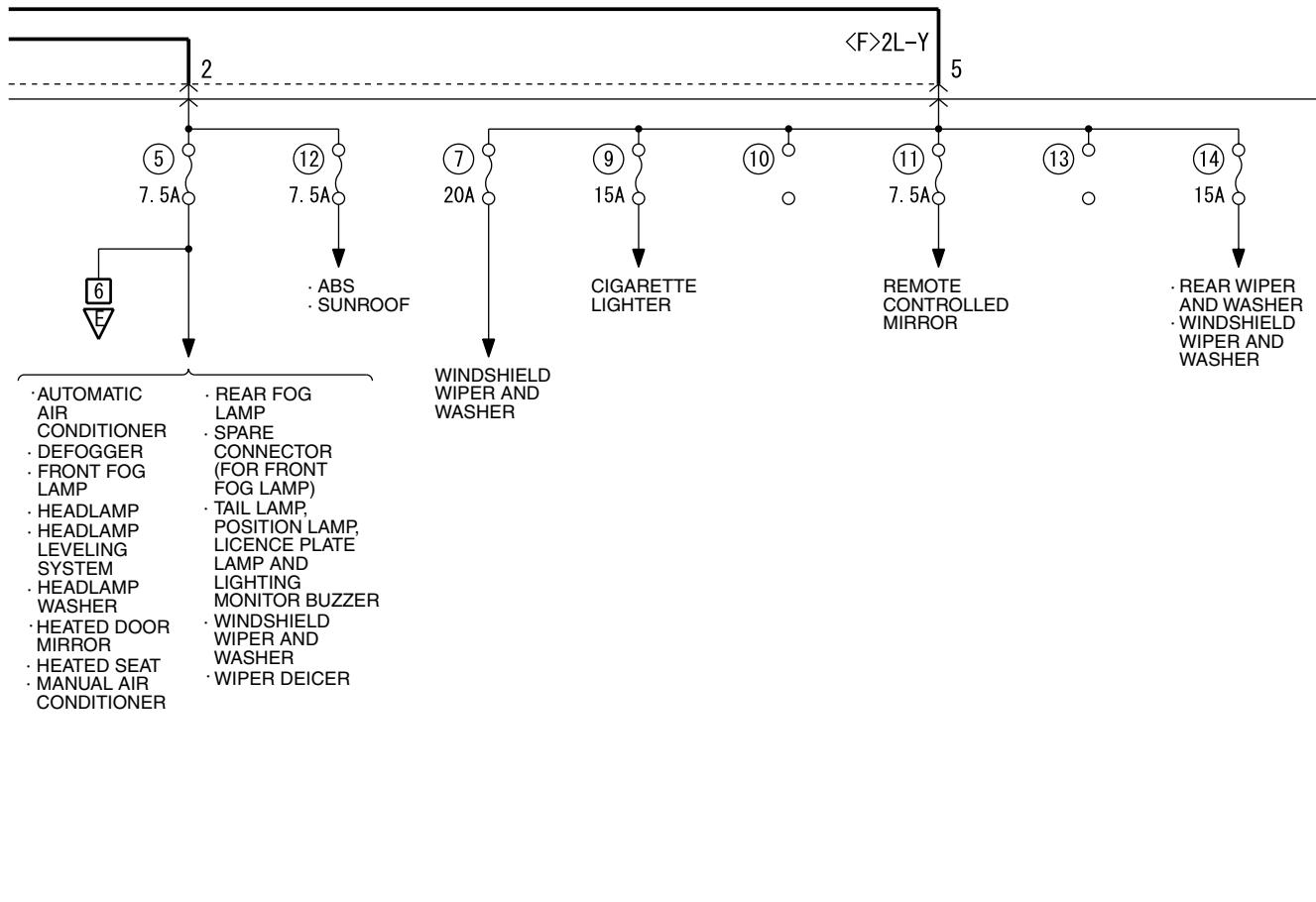
Wire colour code  
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue  
BR : Brown O : Orange GR : Gray R : Red P : Pink V : Violet

POWER DISTRIBUTION SYSTEM (CONTINUED)

3



4

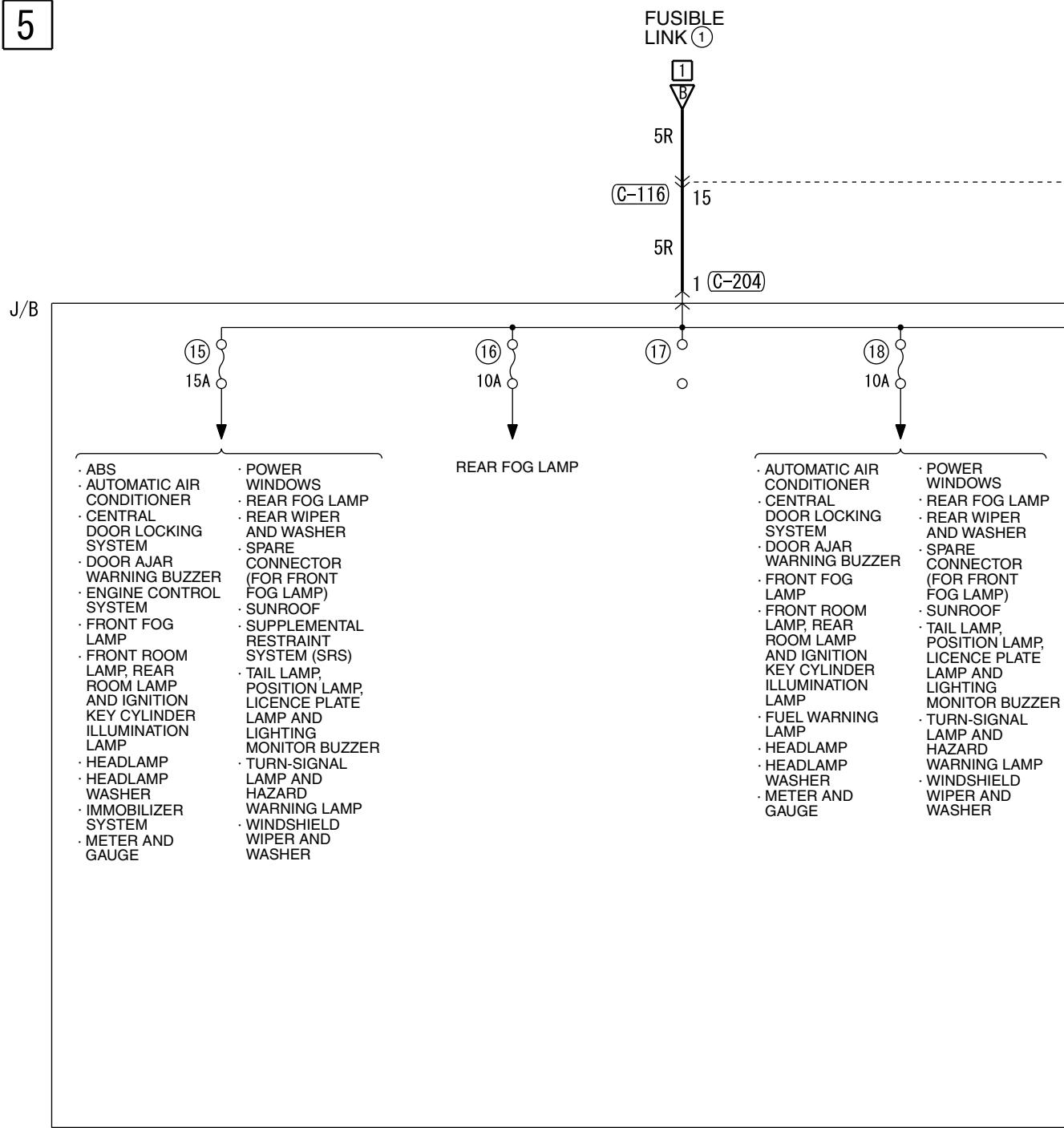


Wire colour code

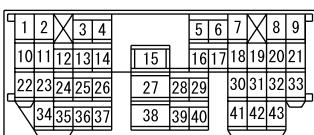
B : Black    LG : Light green    G : Green    L : Blue    W : White    Y : Yellow    SB : Sky blue  
 BR : Brown    O : Orange    GR : Gray    R : Red    P : Pink    V : Violet

POWER DISTRIBUTION SYSTEM (CONTINUED)

5



(C-116)



(C-203)



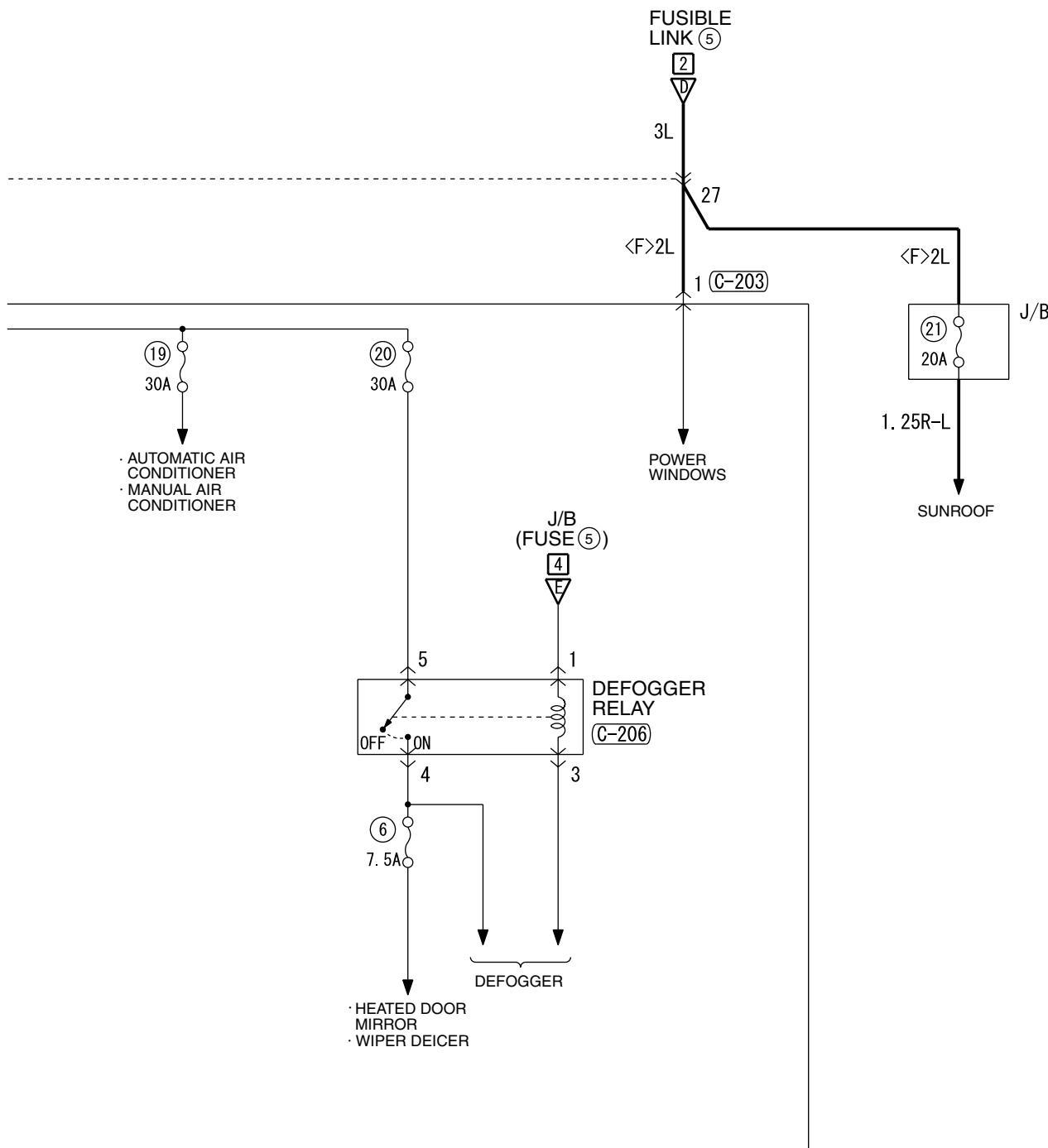
(C-204)



(C-206)



6



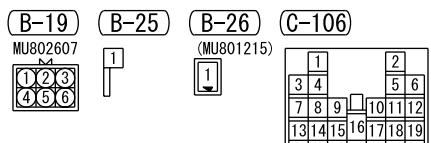
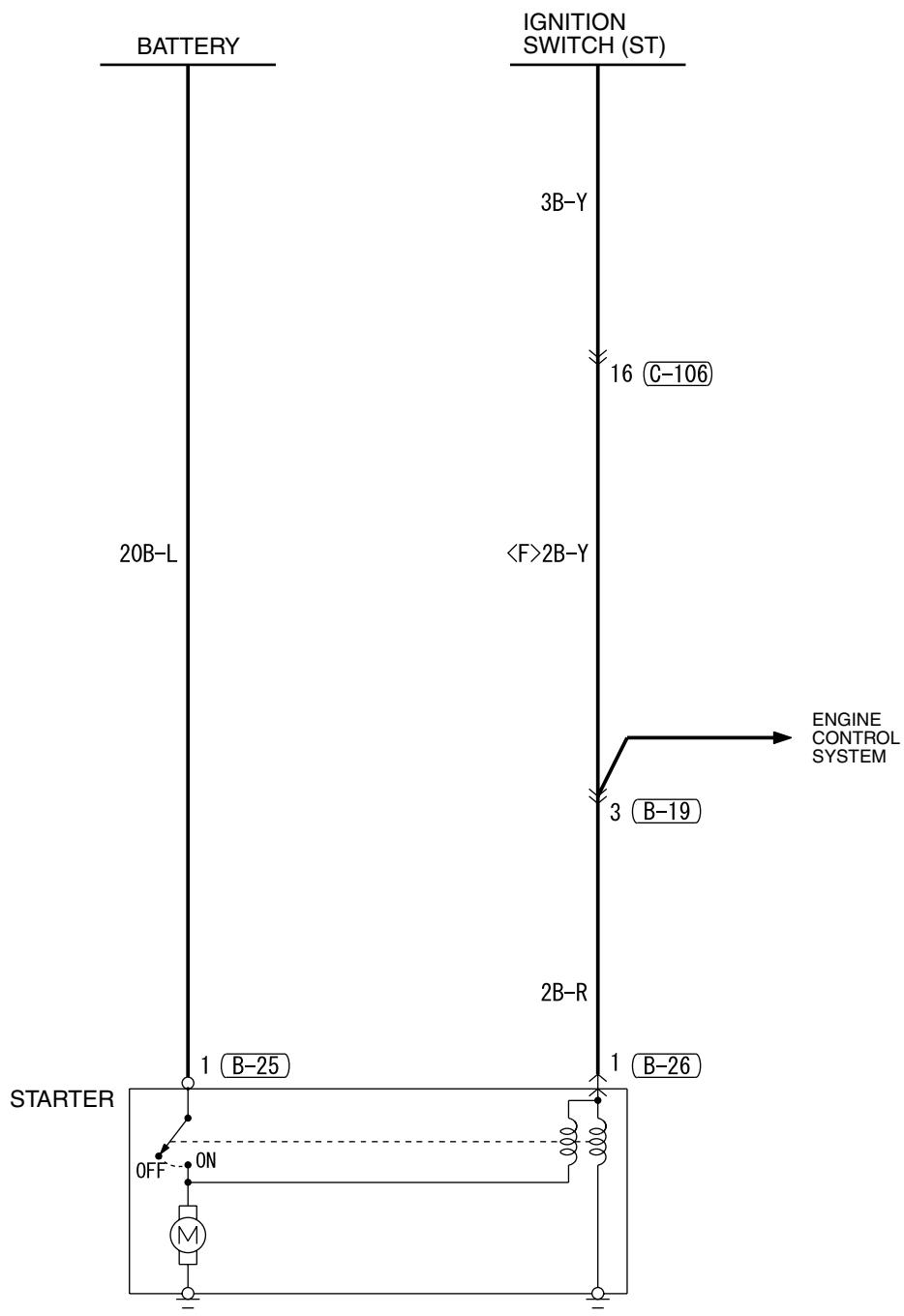
Wire colour code

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

**STARTING SYSTEM**

M3030000500374

1



Wire colour code

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

H3Z02E00AA

## STARTING SYSTEM (See P. 3-22)

### OPERATION

When the ignition switch is turned to the ST position, the starter contacts (magnet switch) turns ON and the starter motor starts turning over.

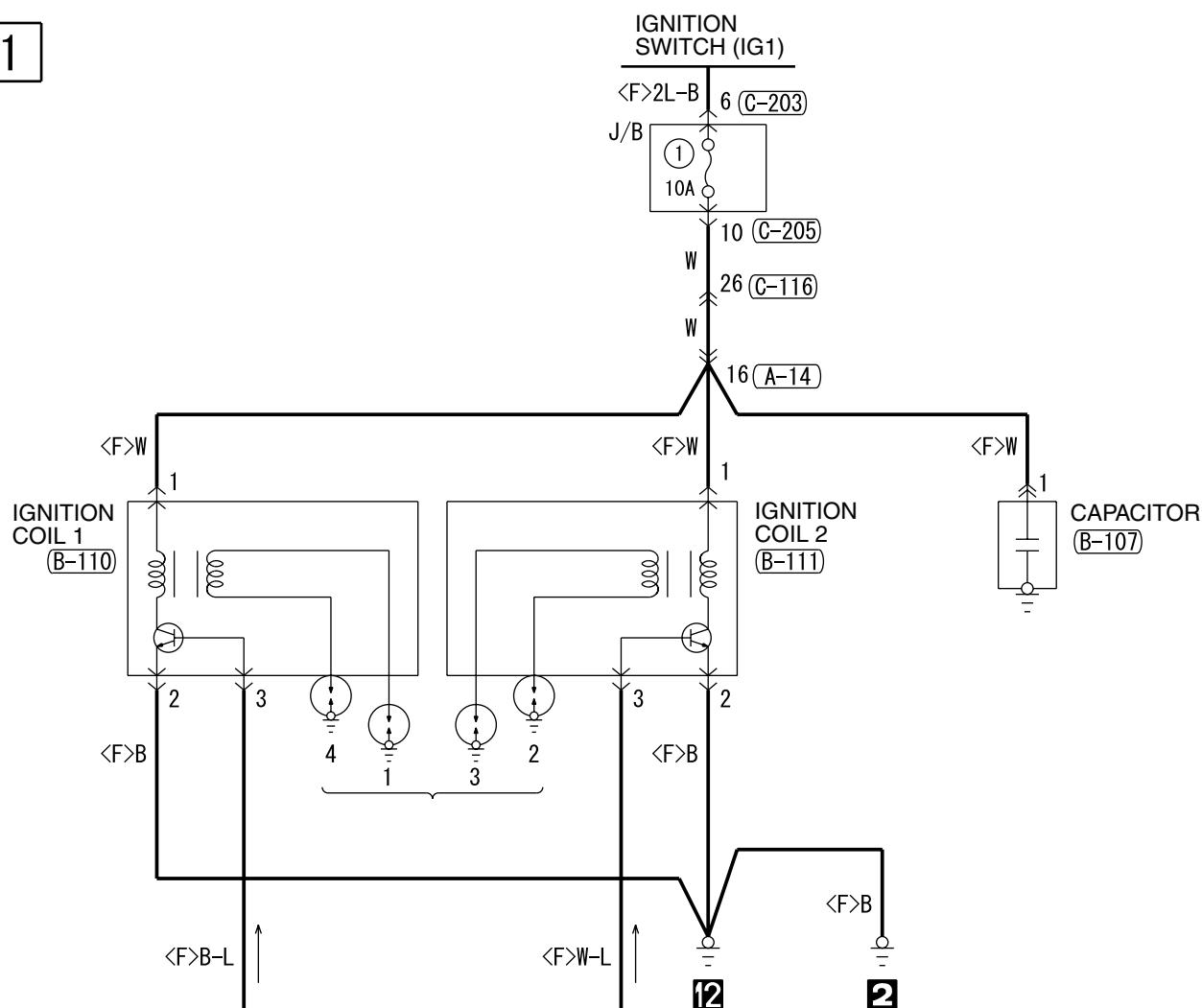
### TROUBLESHOOTING HINTS

1. Starter motor does not turn over at all.
  - Check starter (coil).
  - Check battery terminals for proper contact.
2. Starter motor does not stop rotating.
  - Check starter (magnet switch).

IGNITION SYSTEM

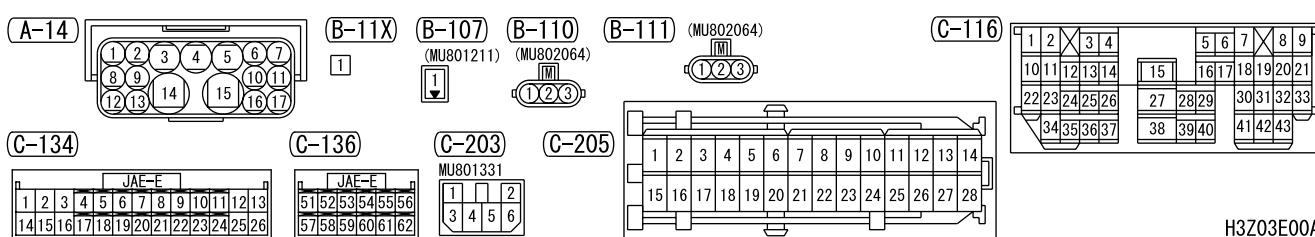
M3030000600478

1



INPUT SIGNAL

- AIR FLOW SENSOR
- ENGINE COOLANT TEMPERATURE SENSOR
- BAROMETRIC PRESSURE SENSOR
- INTAKE AIR TEMPERATURE SENSOR
- CAMSHAFT POSITION SENSOR
- CRANK ANGLE SENSOR
- DETONATION SENSOR
- THROTTLE POSITION SENSOR
- VEHICLE SPEED SENSOR

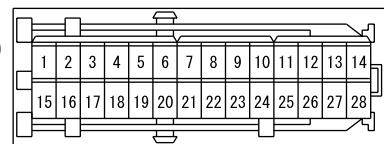
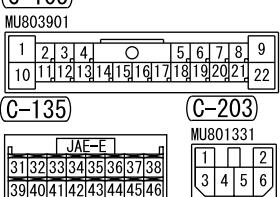
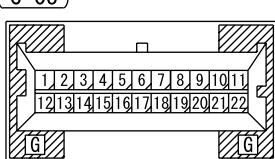
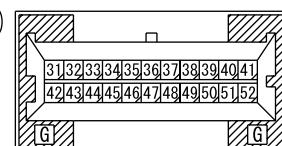
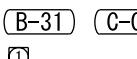
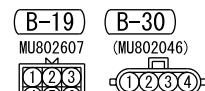
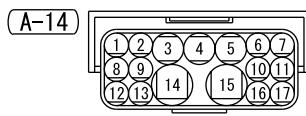
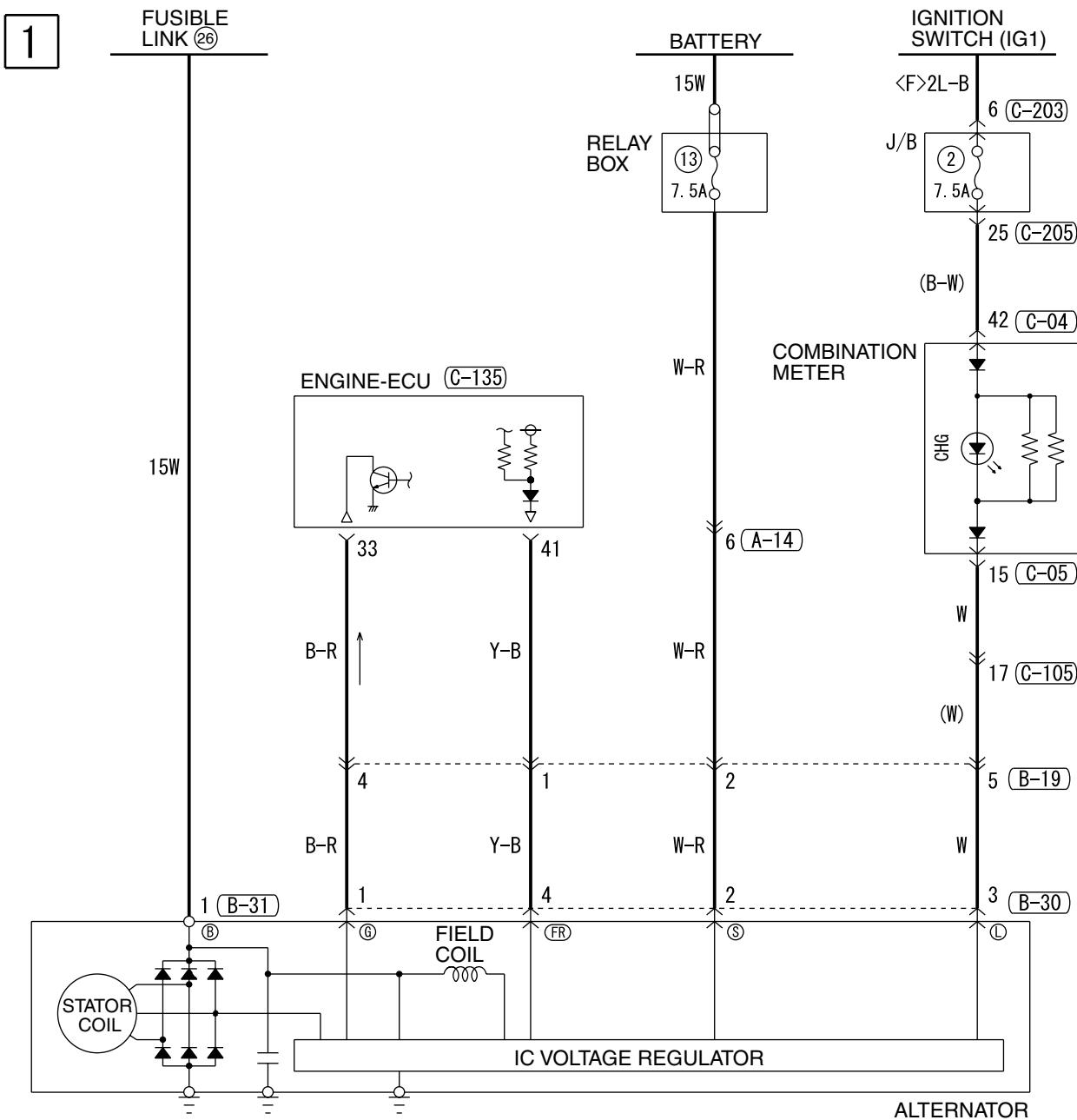


H3Z03E00AA

**NOTES**

# CHARGING SYSTEM

M3030000700260



H3Z04E00AA

## CHARGING SYSTEM (See P. 3-26)

### OPERATION

#### When engine is stationary

- When the ignition switch is turned to the ON position, current flows the alternator L terminal to the field coil and, at the same time, the charge warning lamp illuminates.

#### When engine is started and after engine has started

- When the engine is started, the charge warning lamp goes out because of the charging voltage begin applied to the alternator L terminal.
- The battery voltage being applied to the alternator S terminal is monitored by the voltage regulator. Therefore, the amount of electricity produced by the alternator is controlled by allowing and cutting off the current flowing to the field coil.

- The alternator B terminal supplies power to each load.

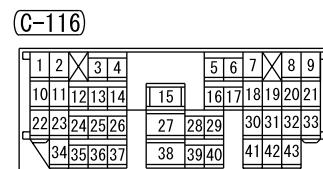
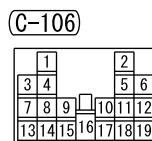
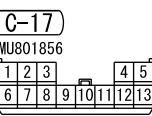
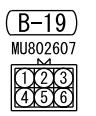
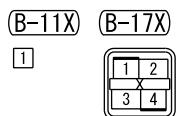
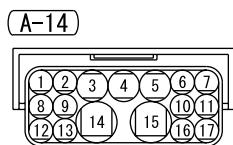
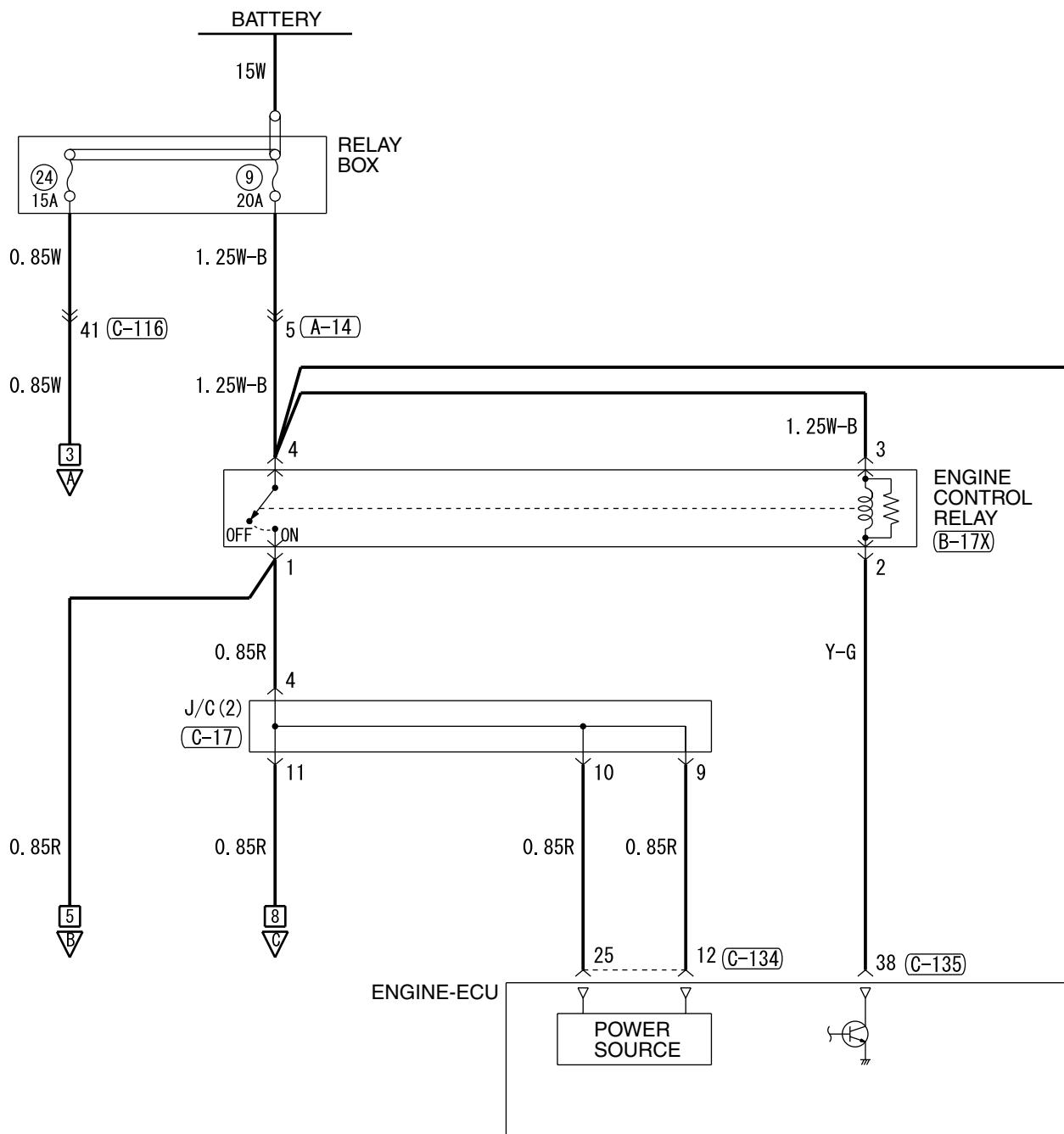
### TROUBLESHOOTING HINTS

1. Charging warning lamp does not illuminate when the ignition switch is turned to ON position, before the engine starts.
  - Check fuse No. (2) (passenger compartment).
  - Check the bulb.
2. Charging warning lamp fails to switch off once the engine starts.
  - Check voltage regulator of alternator.
3. Discharged or overcharged battery.
  - Check voltage regulator of alternator.

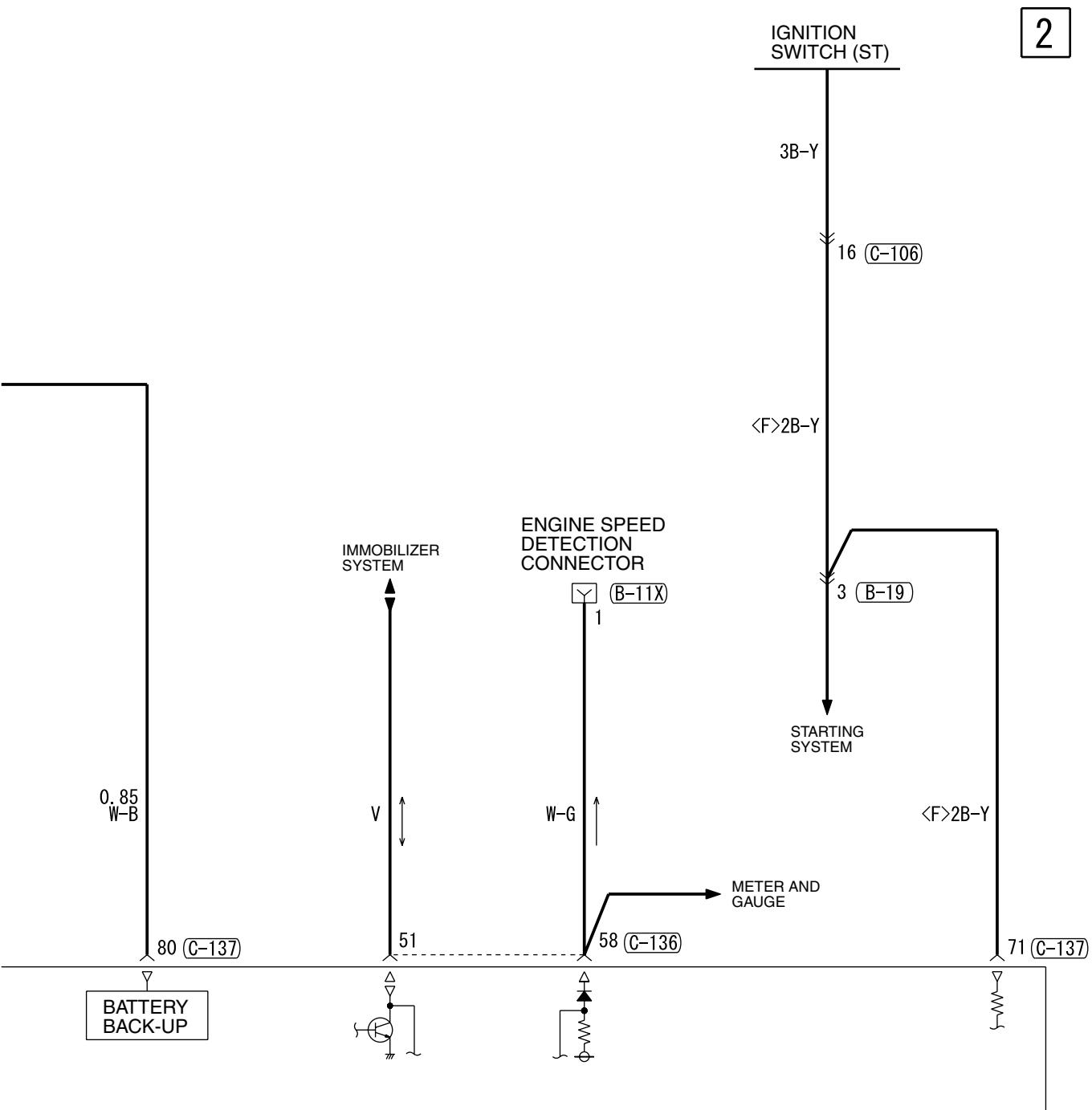
ENGINE CONTROL SYSTEM

M3030000800847

1



H3Z05E00AA



(C-134)

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

(C-135)

JAE-E													
31	32	33	34	35	36	37	38	51	52	53	54	55	56
39	40	41	42	43	44	45	46	57	58	59	60	61	62

(C-136)

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

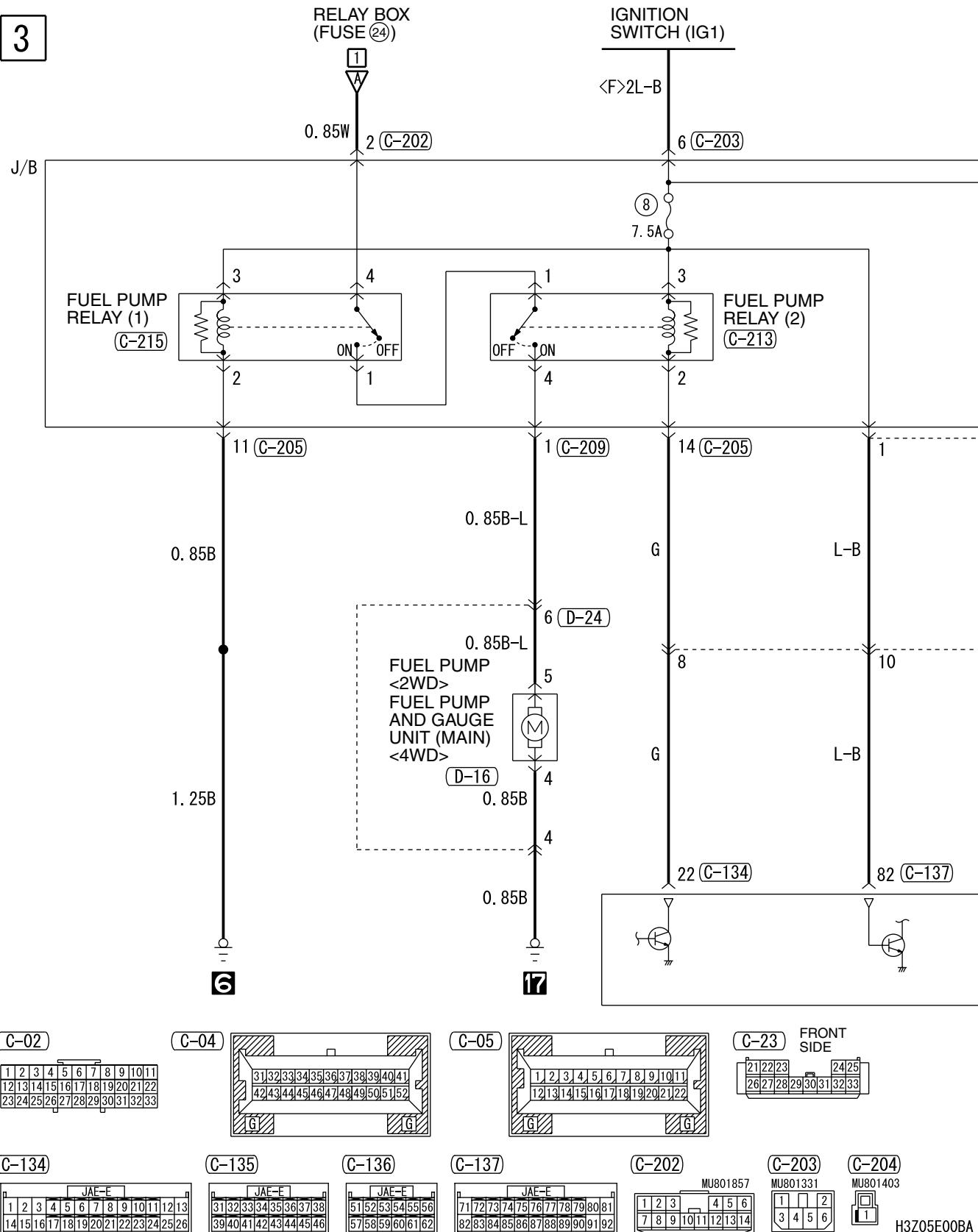
(C-137)

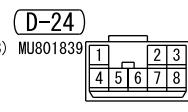
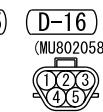
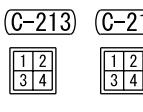
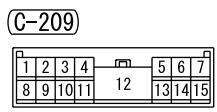
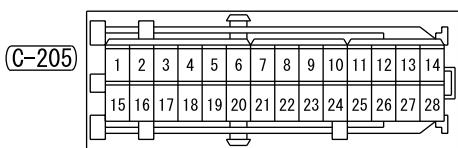
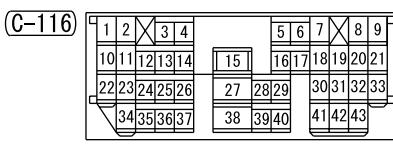
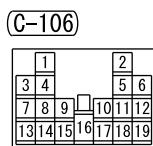
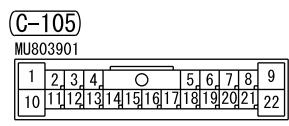
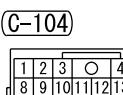
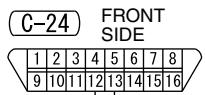
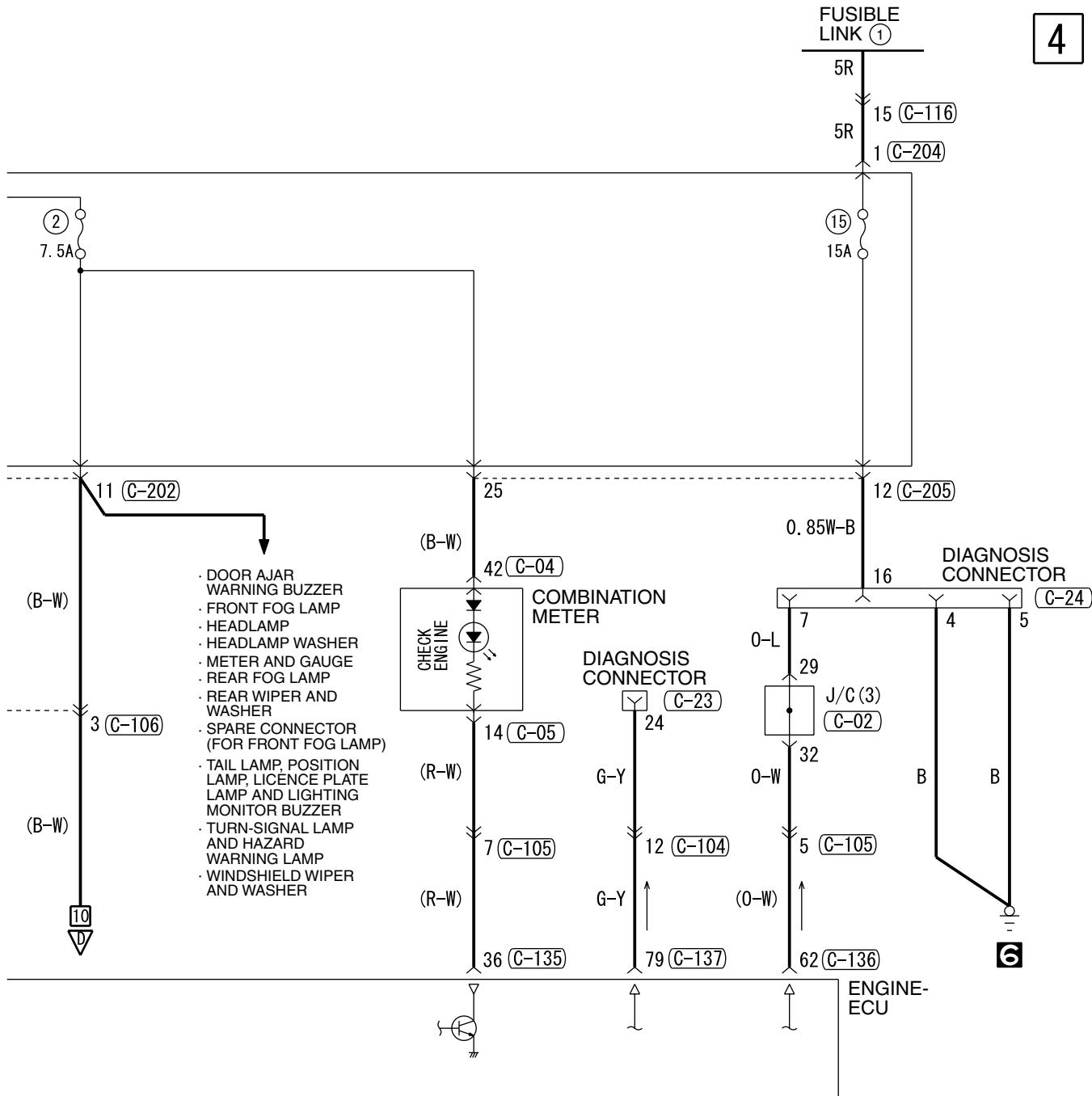
JAE-E											

Wire colour code

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

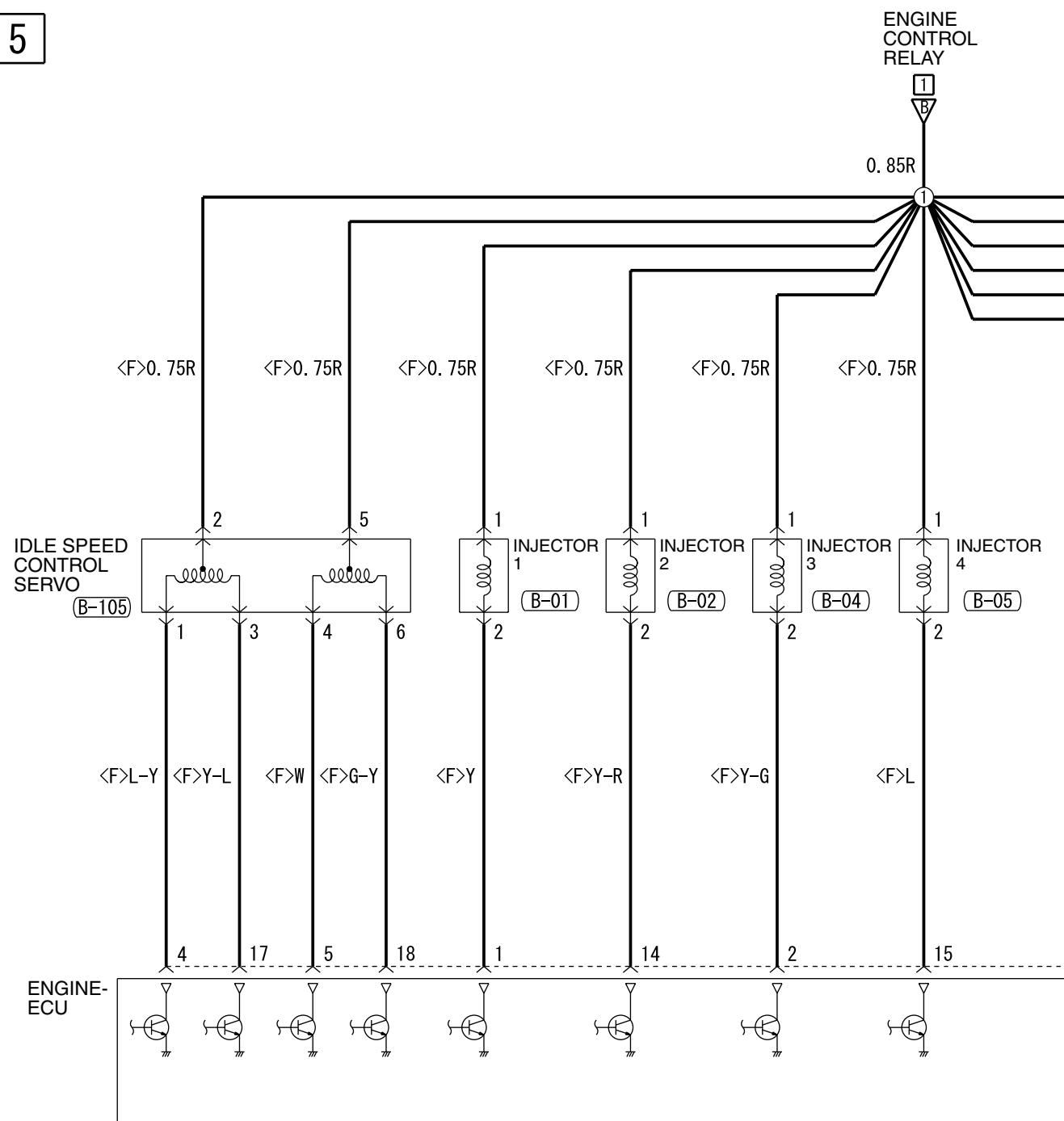
ENGINE CONTROL SYSTEM (CONTINUED)





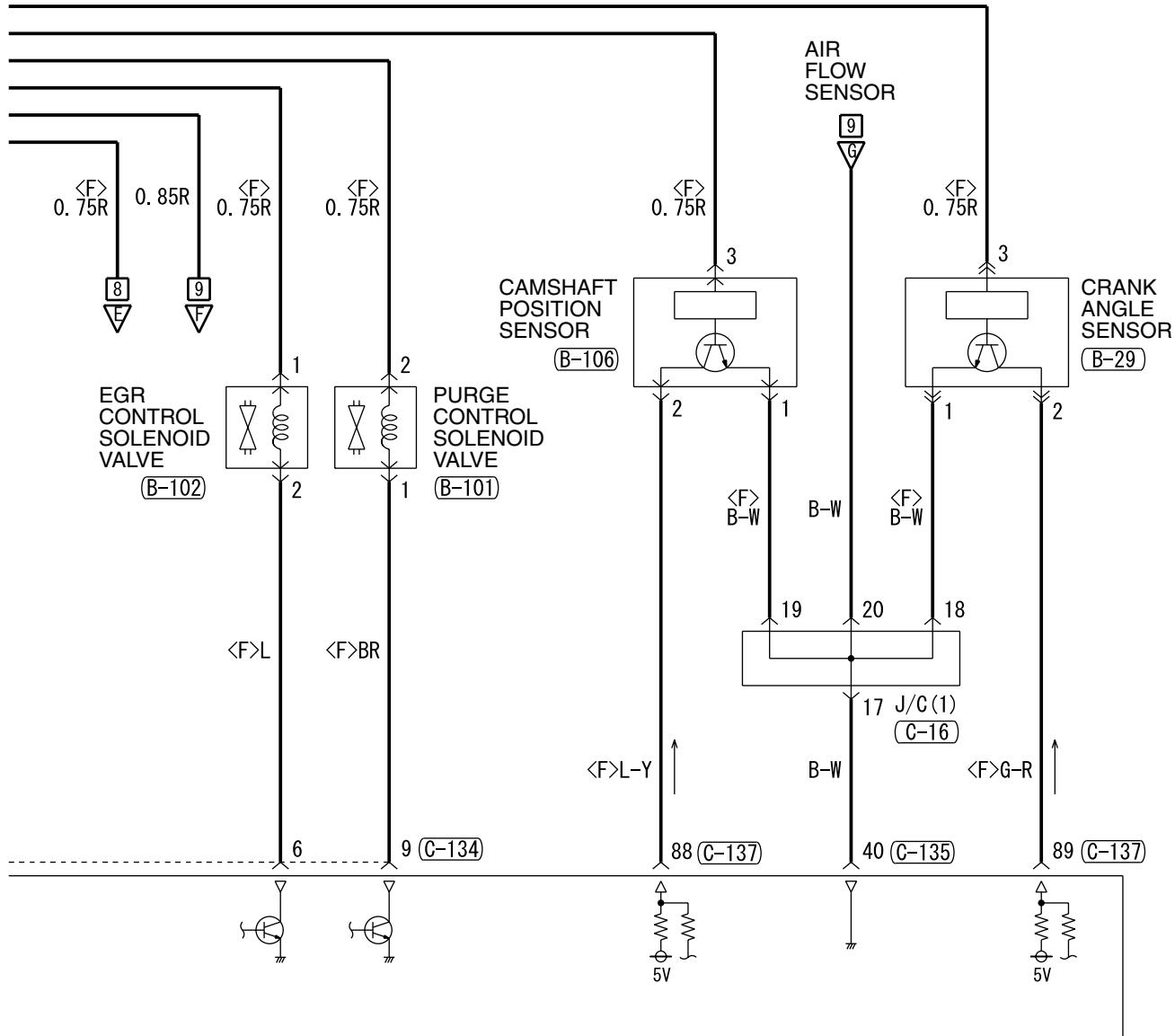
ENGINE CONTROL SYSTEM (CONTINUED)

5



(B-01) 	(B-02) 	(B-04) 	(B-05) 	(B-29) 	(B-101) MU802603	(B-102) MU802779	(B-105) MU802337	(B-106) MU802337	(C-16) 
(MU802062)	(MU802062)	(MU802062)	(MU802062)	(MU802062)					1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22

6



(C-134)

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

(C-135)

JAE-E												
31	32	33	34	35	36	37	38	71	72	73	74	75
39	40	41	42	43	44	45	46	82	83	84	85	86

(C-137)

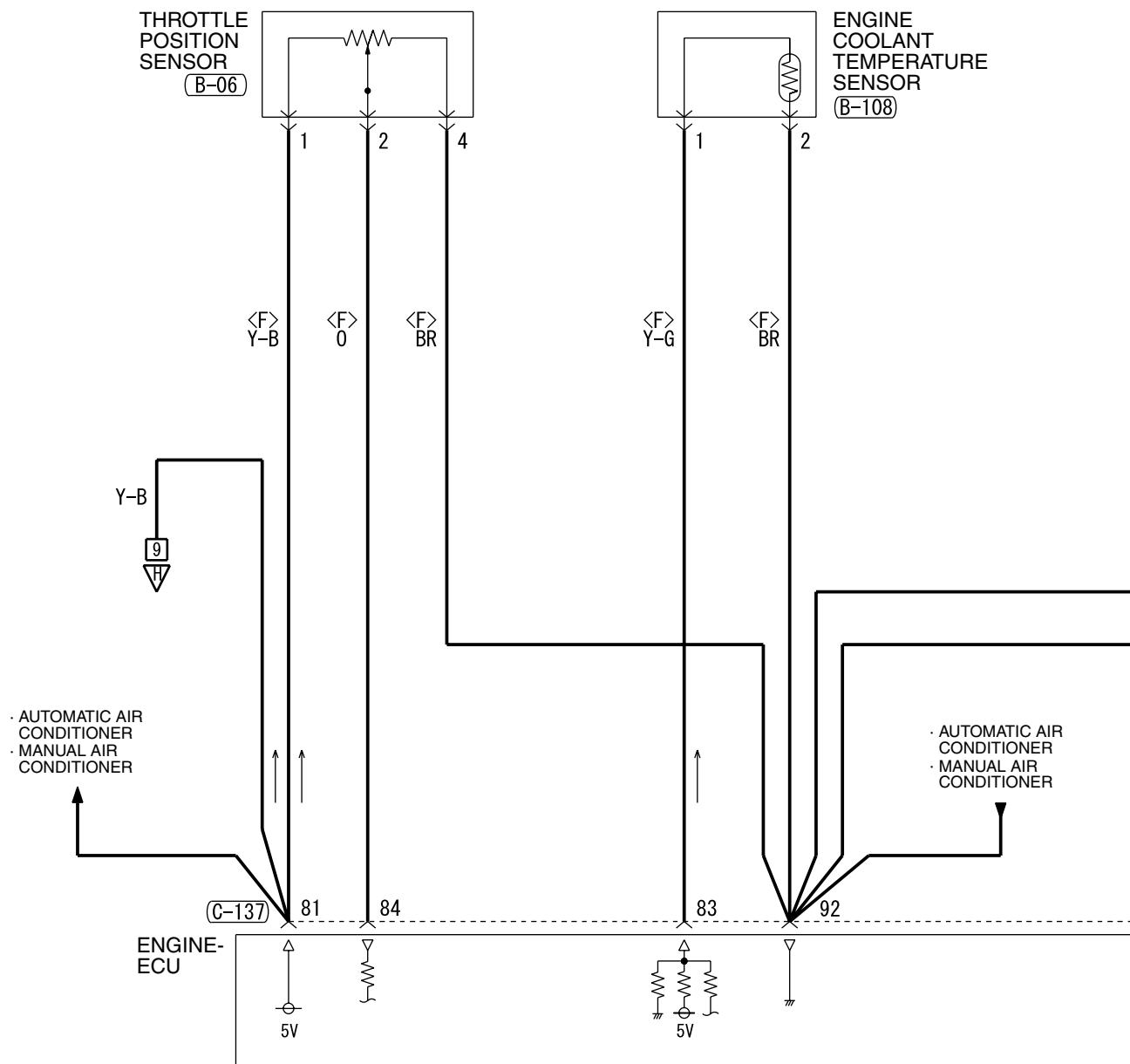
JAE-E												
75	76	77	78	79	80	81	88	40	89	90	91	92

Wire colour code

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

ENGINE CONTROL SYSTEM (CONTINUED)

7



(B-06)  
(MU802724)  
①②③④

(B-108)  
(MU802406)  
①②  
③④

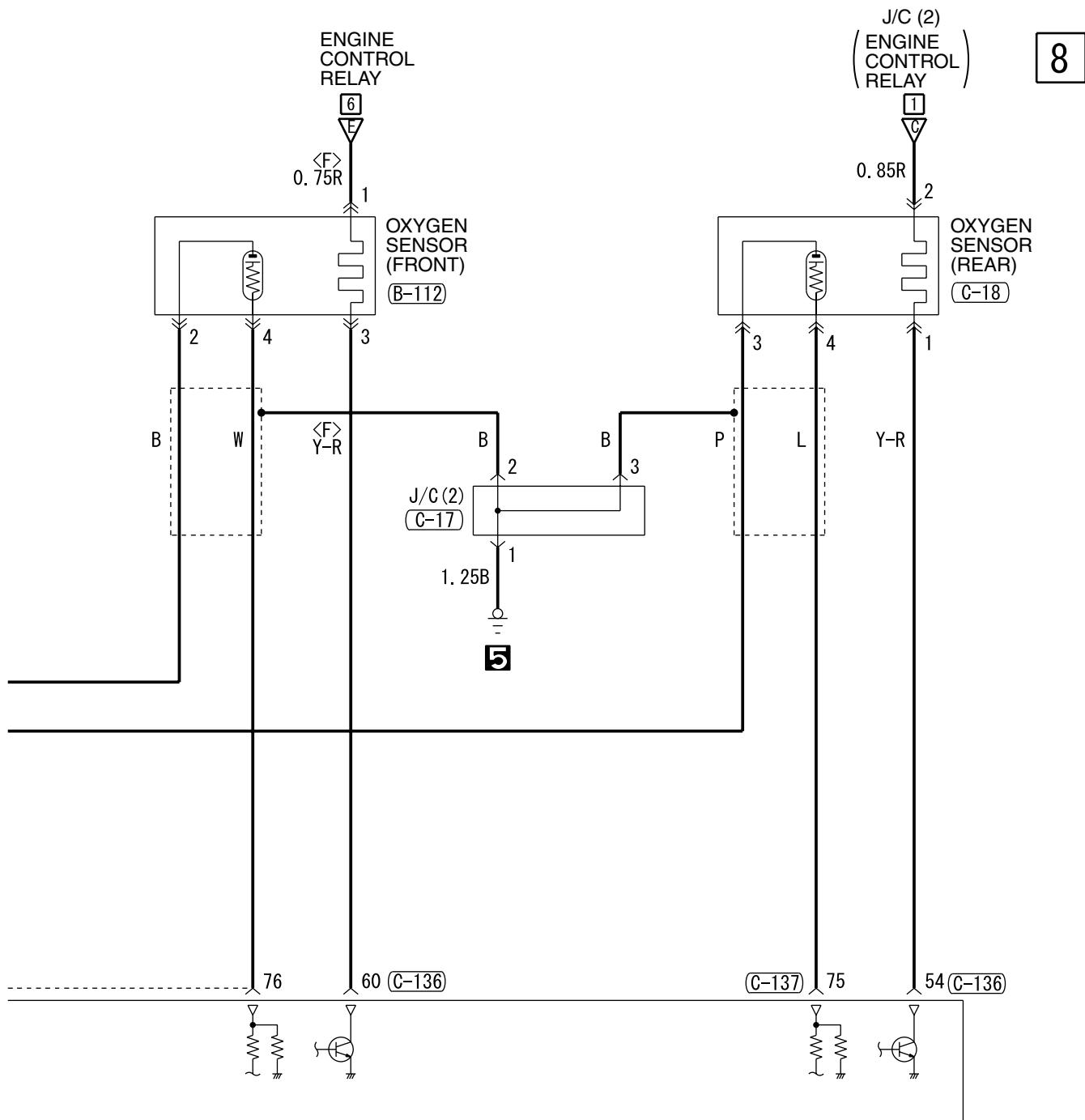
(B-112)  
MU802605  
①②  
③④

(C-17)  
MU801856  
①②③  
⑥⑦⑧⑨⑩⑪⑫⑬

(C-18)  
MU801688  
①②  
③④

(C-136)  
JAF-E  
515253545556  
575859606162  
7172737475767778798081

(C-137)  
JAF-E  
8283848586878889909192

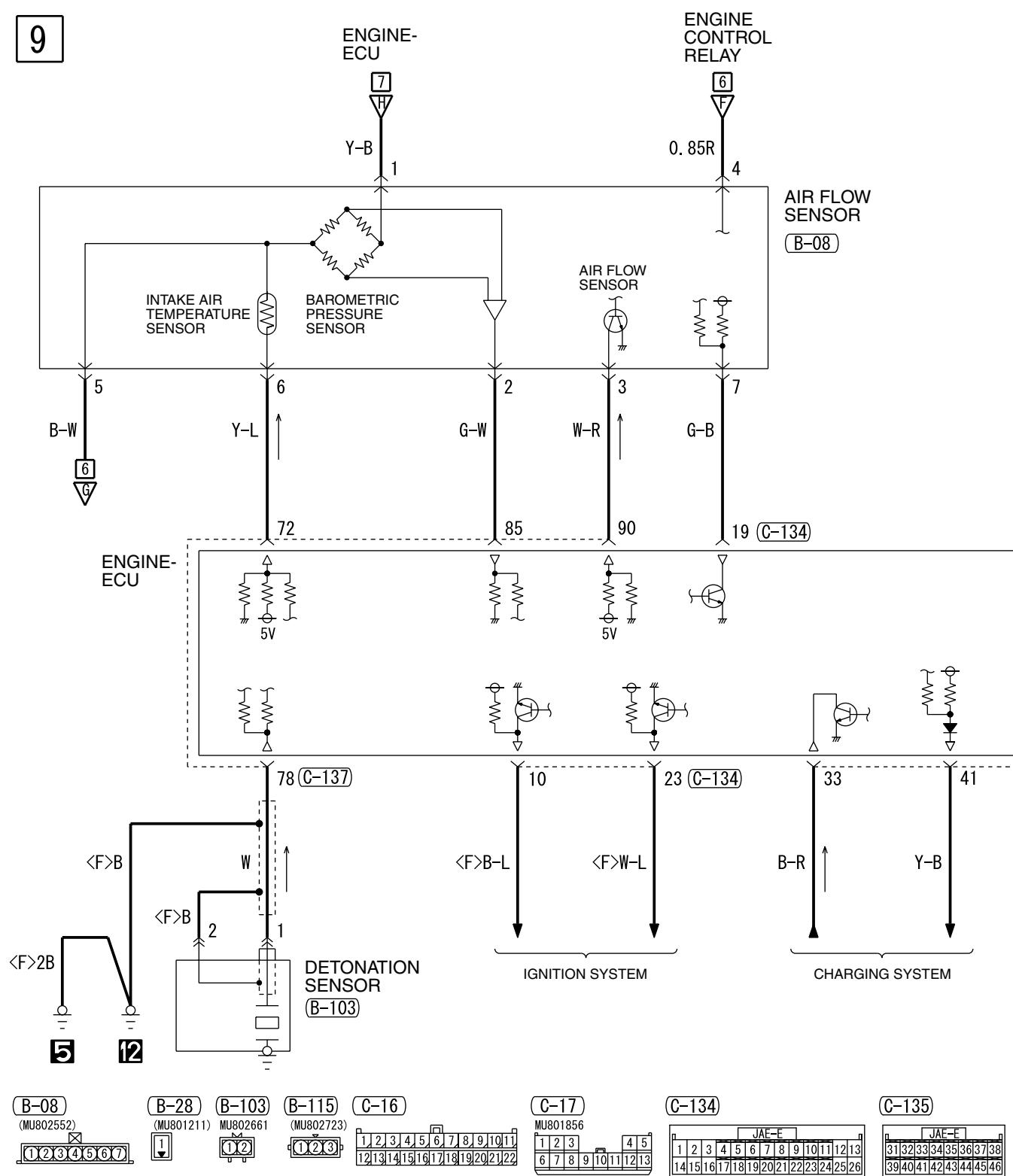


Wire colour code

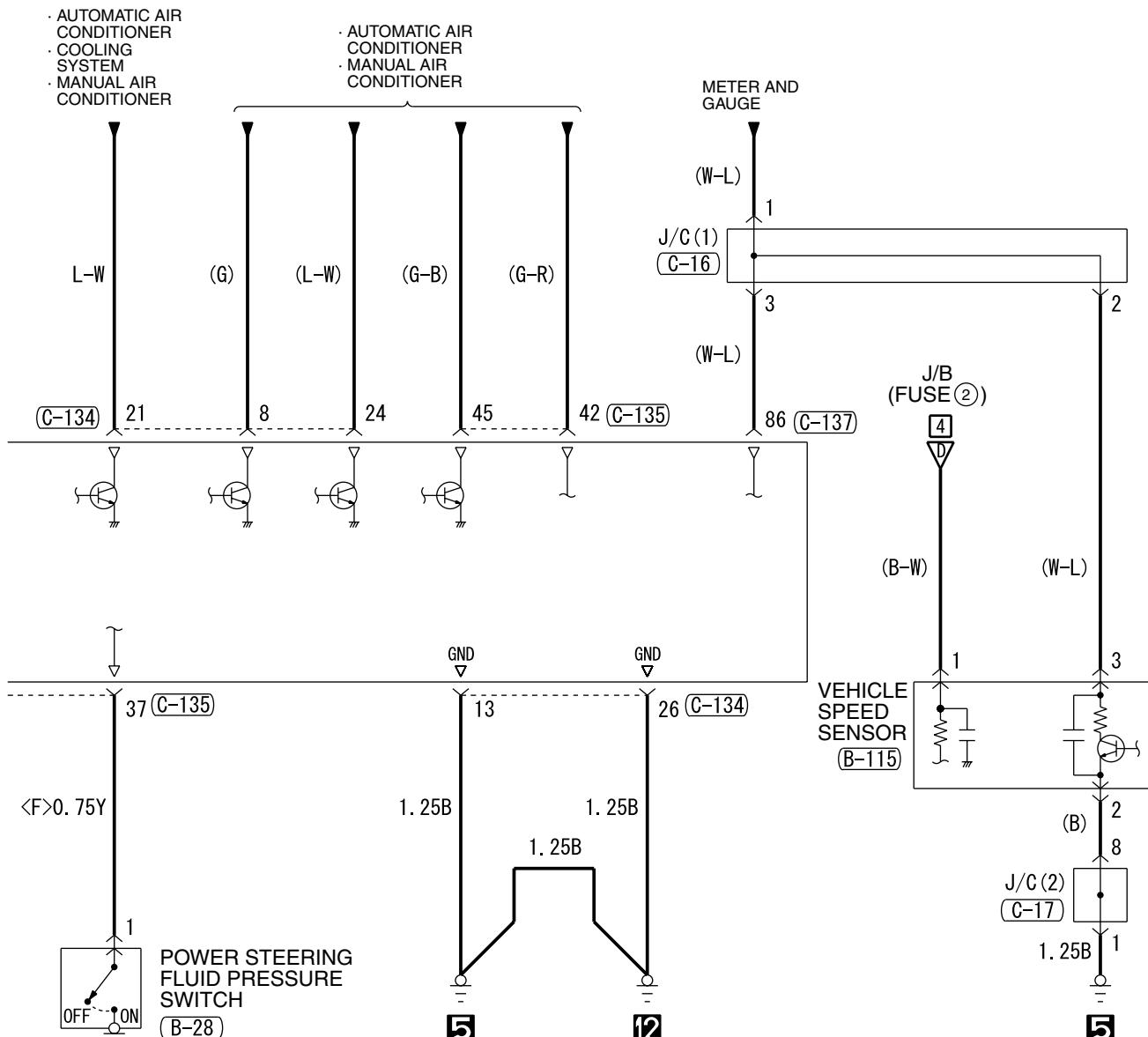
B : Black    LG : Light green    G : Green    L : Blue    W : White    Y : Yellow    SB : Sky blue  
 BR : Brown    O : Orange    GR : Gray    R : Red    P : Pink    V : Violet

ENGINE CONTROL SYSTEM (CONTINUED)

9



10

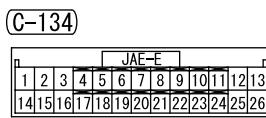
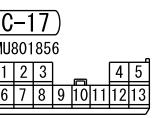
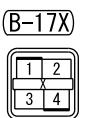
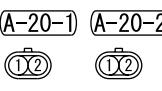
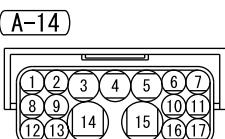
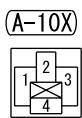
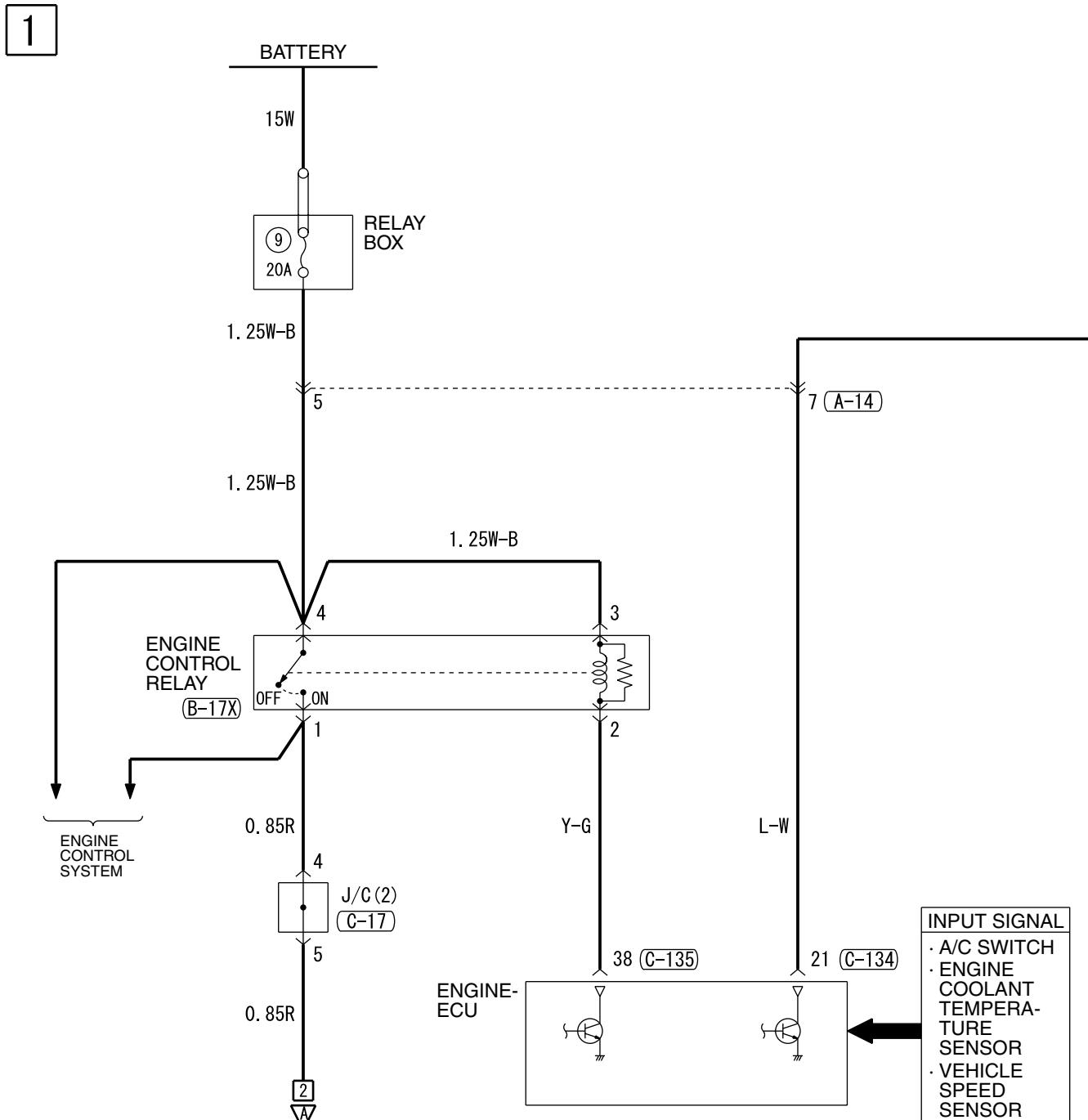


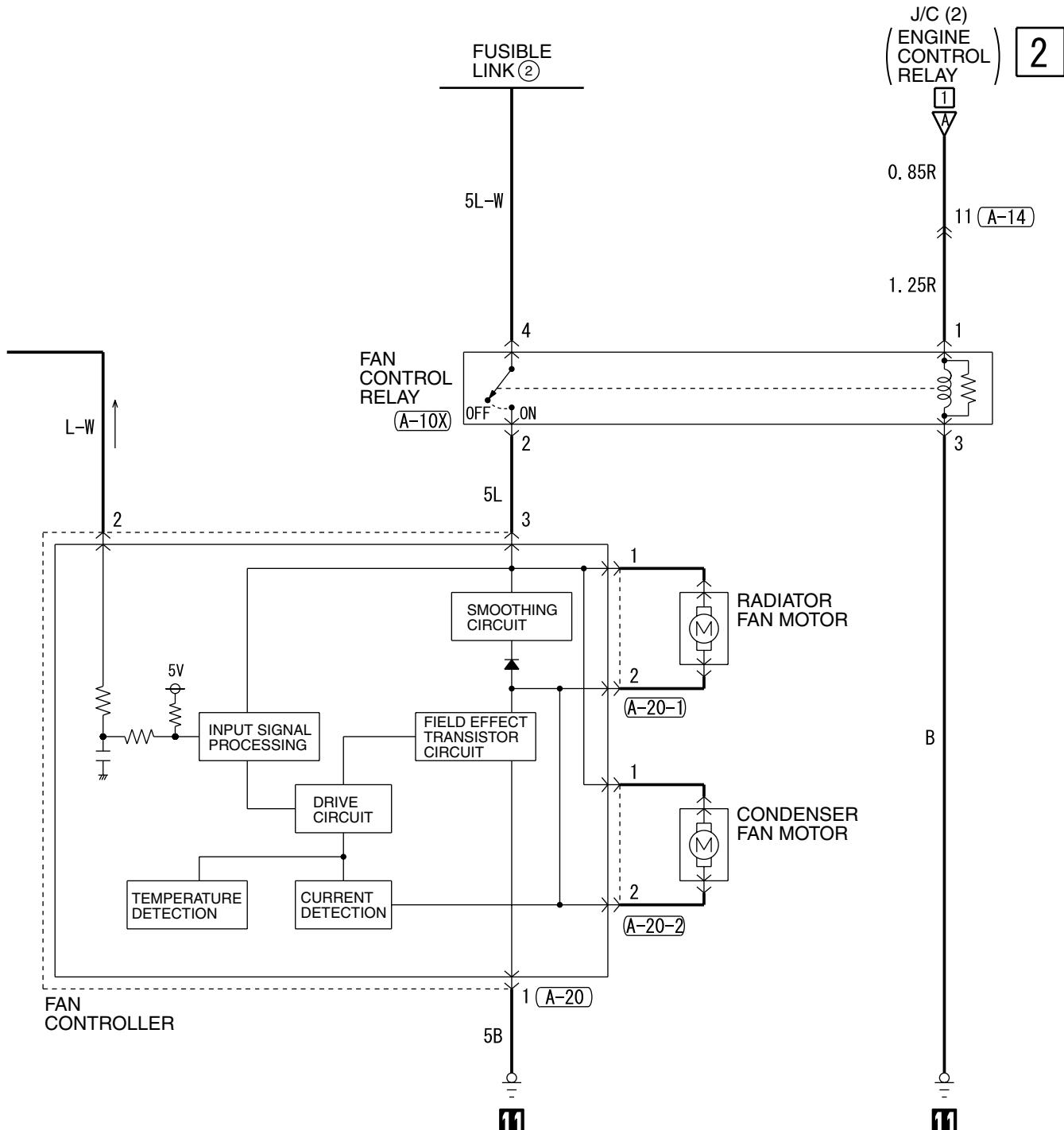
Wire colour code

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

# COOLING SYSTEM

M3030001000394





C-135

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

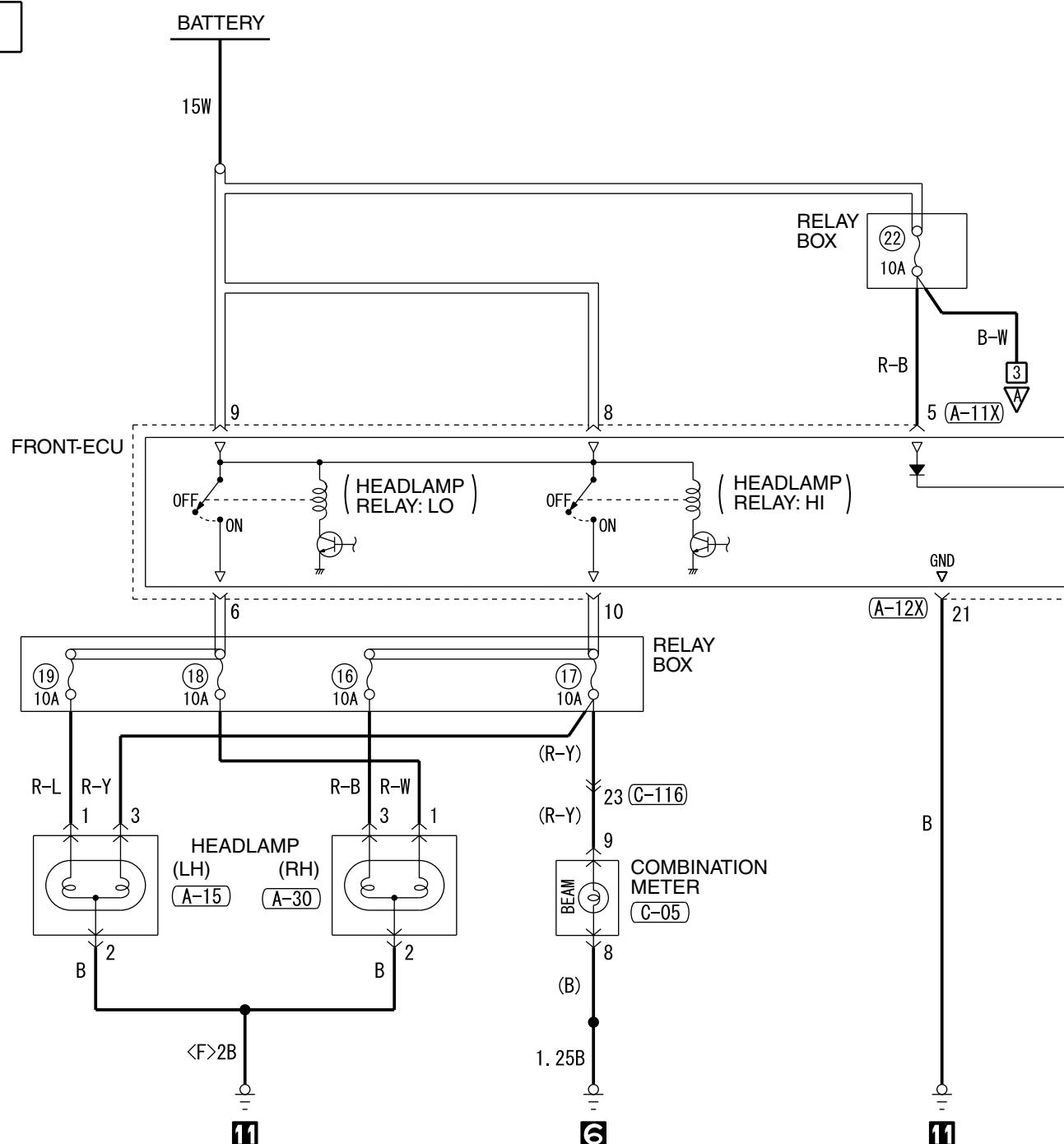
## Wire colour code

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

**HEADLAMP**

M3030001500366

1



(A-11X)

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

(A-12X)

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

(A-15)

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

(A-30)

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

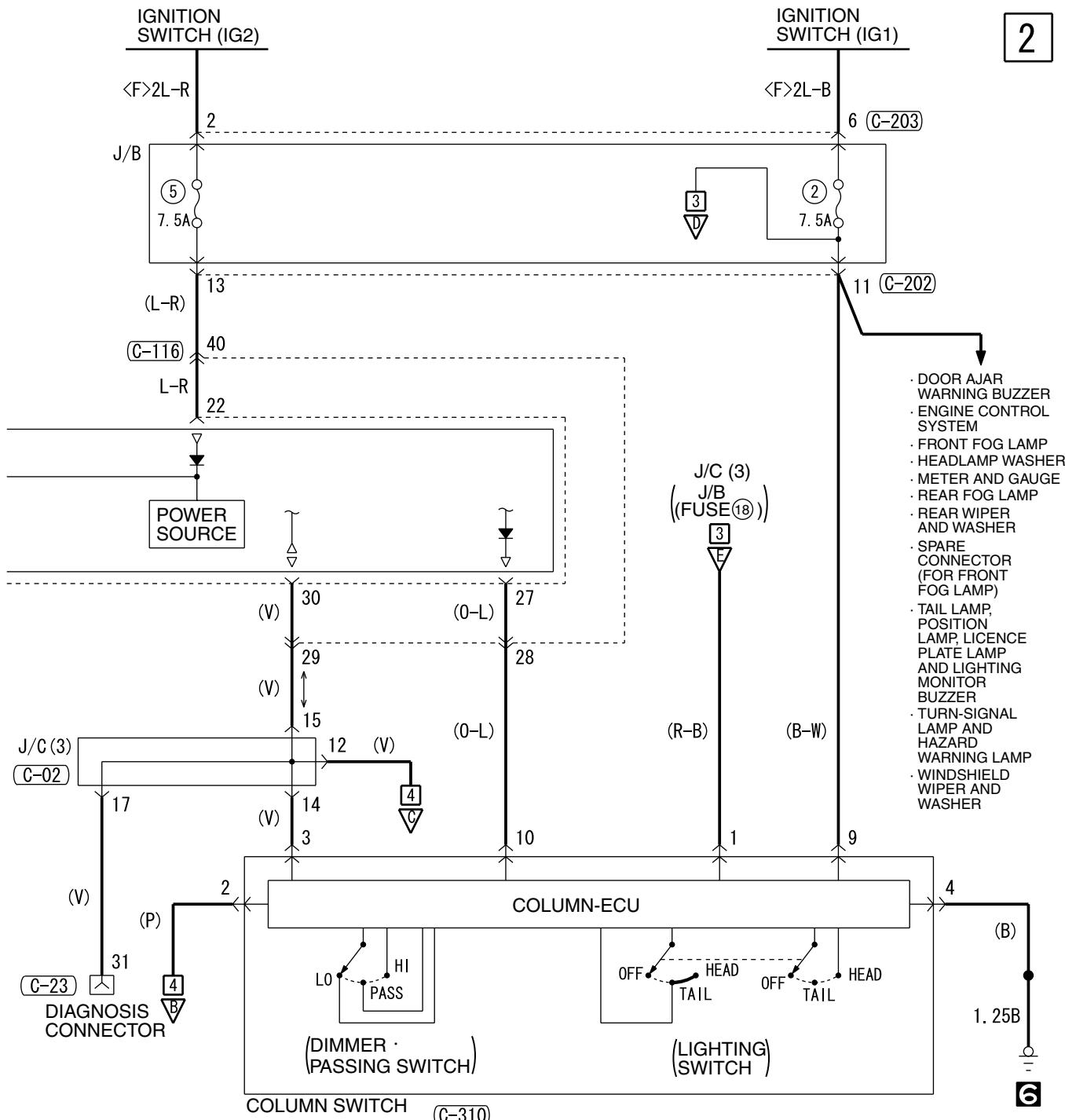
(C-02)

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

(C-05)

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

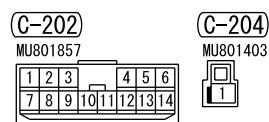
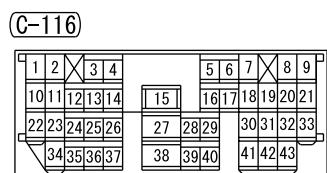
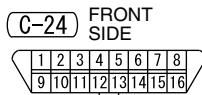
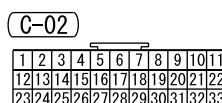
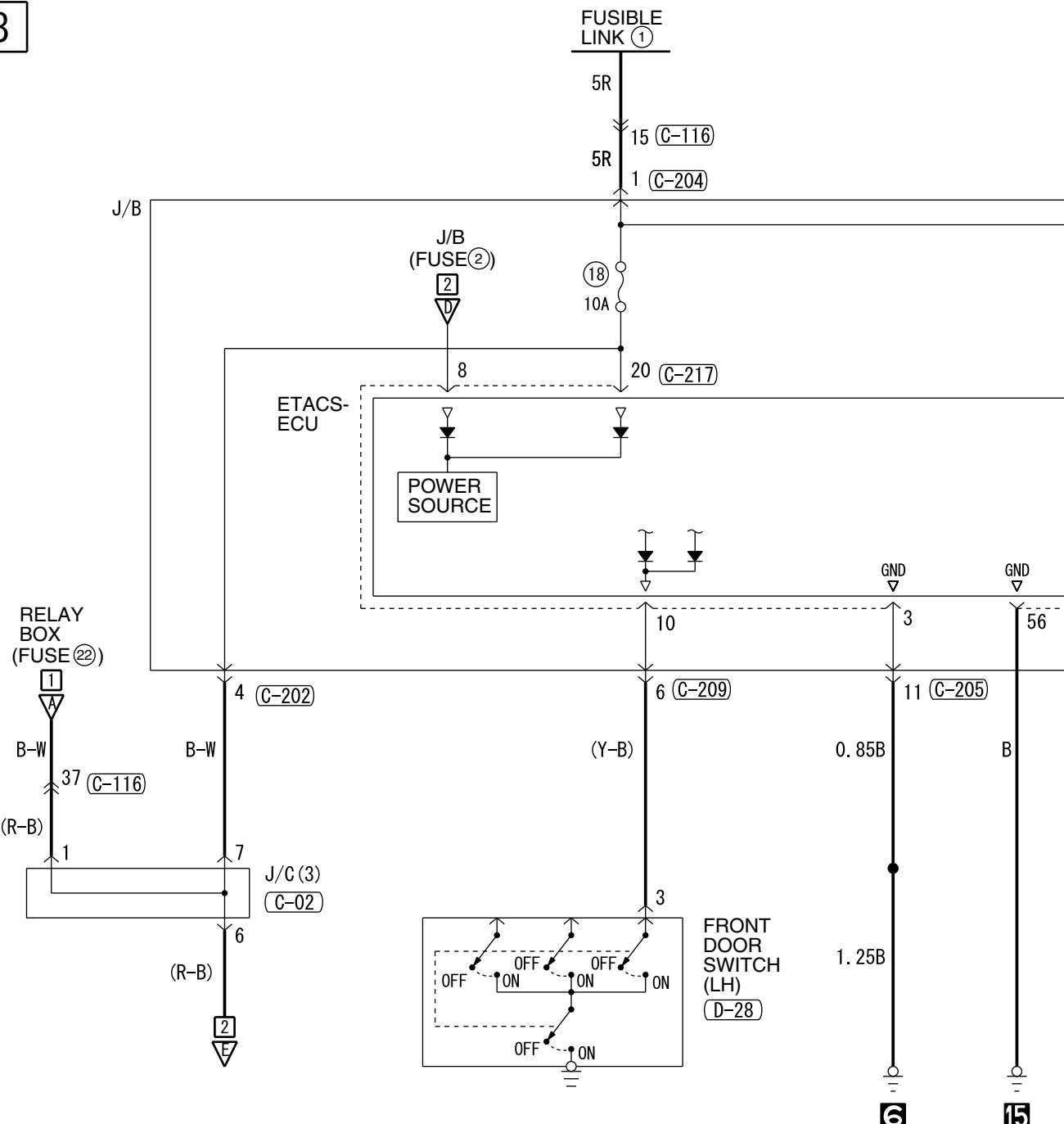
H3Z08E00AA



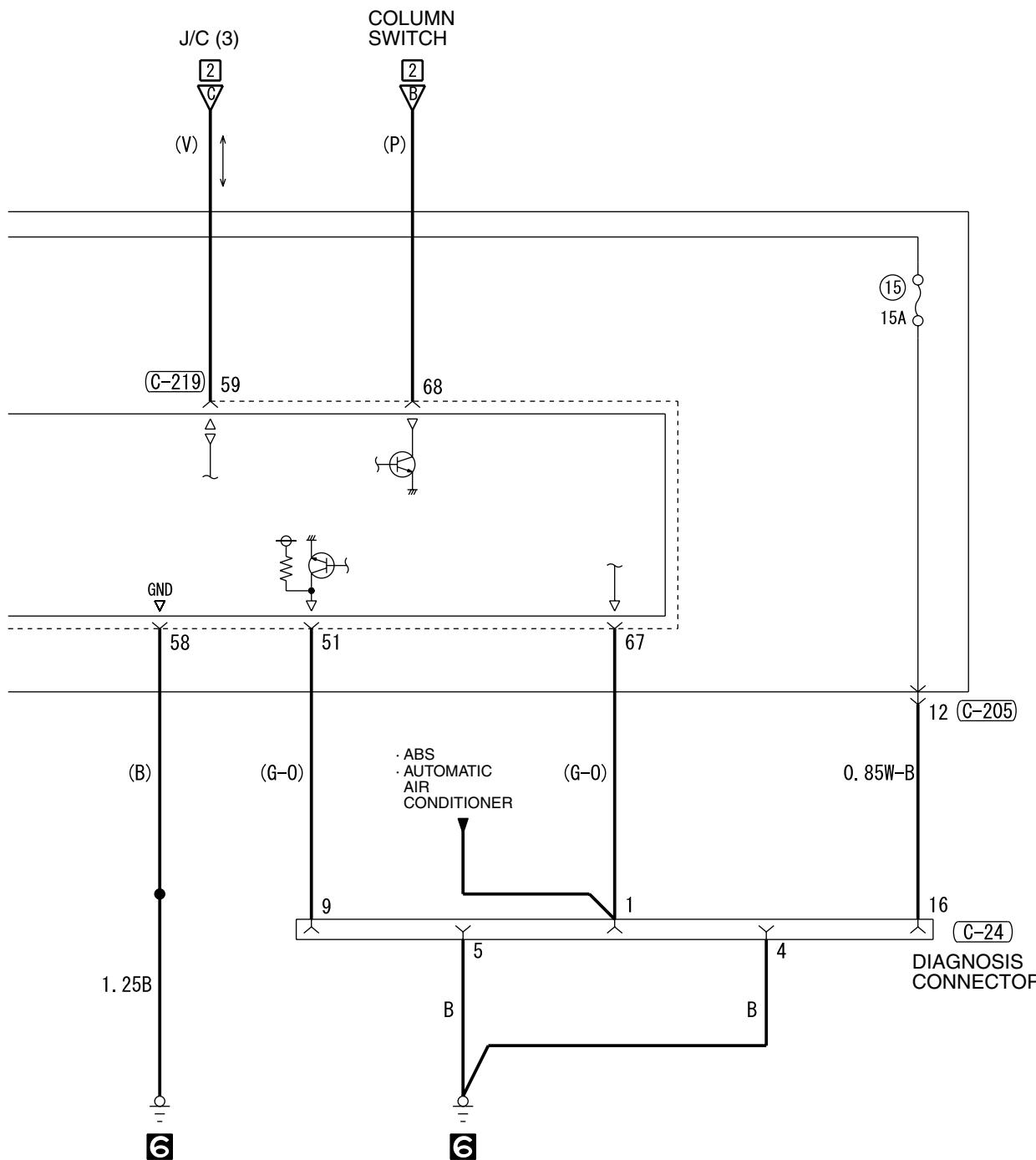
- DOOR AJAR
- WARNING BUZZER
- ENGINE CONTROL SYSTEM
- FRONT FOG LAMP
- HEADLAMP WASHER
- METER AND GAUGE
- REAR FOG LAMP
- REAR WIPER AND WASHER
- SPARE CONNECTOR (FOR FRONT FOG LAMP)
- TAIL LAMP, POSITION LAMP, LICENCE PLATE LAMP AND LIGHTING MONITOR BUZZER
- TURN-SIGNAL LAMP AND HAZARD WARNING LAMP
- WINDSHIELD WIPER AND WASHER

HEADLAMP (CONTINUED)

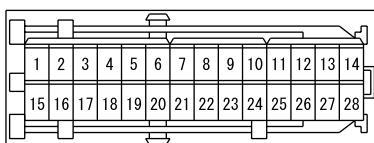
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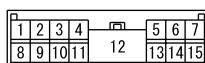
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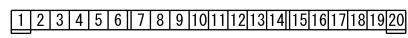
(C-205)



(C-209)



(C-217)



(C-219)  
(MU803766)

51	52	53	54	55	56	57	58	59
60	61	62	63	64	65	66	67	68
69	70	71	72	73	74			

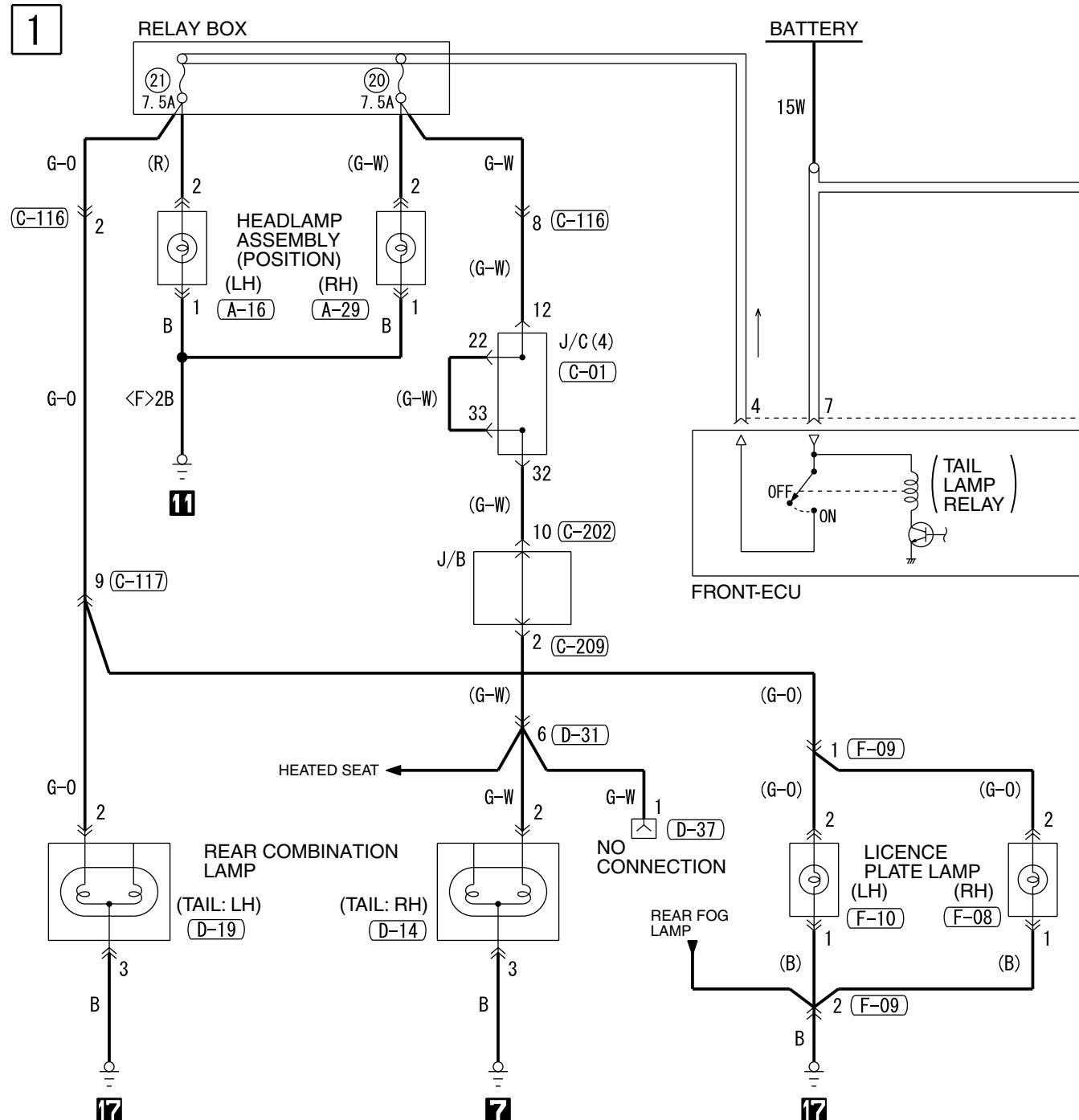
Wire colour code

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

H3Z08E00BB

# TAIL LAMP, POSITION LAMP, LICENCE PLATE LAMP AND LIGHTING MONITOR BUZZER

M3030001700207



(A-11X)
1 2 3 4 5 6 7 8 9 10 11

(A-12X)
21 22 23 24 25 26 27 28 29 30 31

(A-16)
MU802607

(A-29)
MU802607

(C-01)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33

(C-02)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33

(C-209)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

(C-310)
(MU801514)

(D-14)
MU801448

(D-19)
MU801448

(D-31)
MU801448

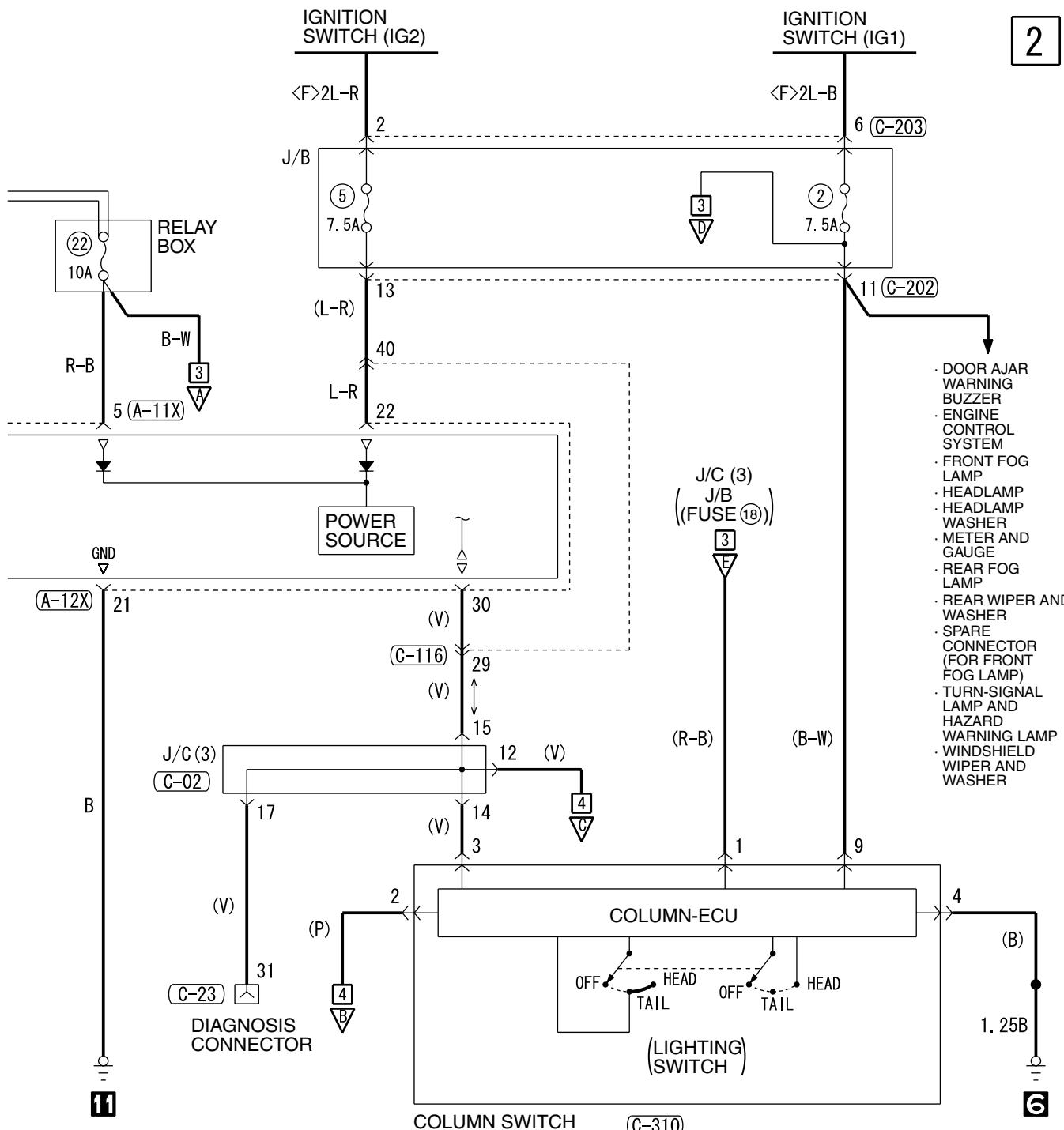
(D-37)
MU801448

(F-08)
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(F-09)
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(F-10)
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H3Z08E01AA

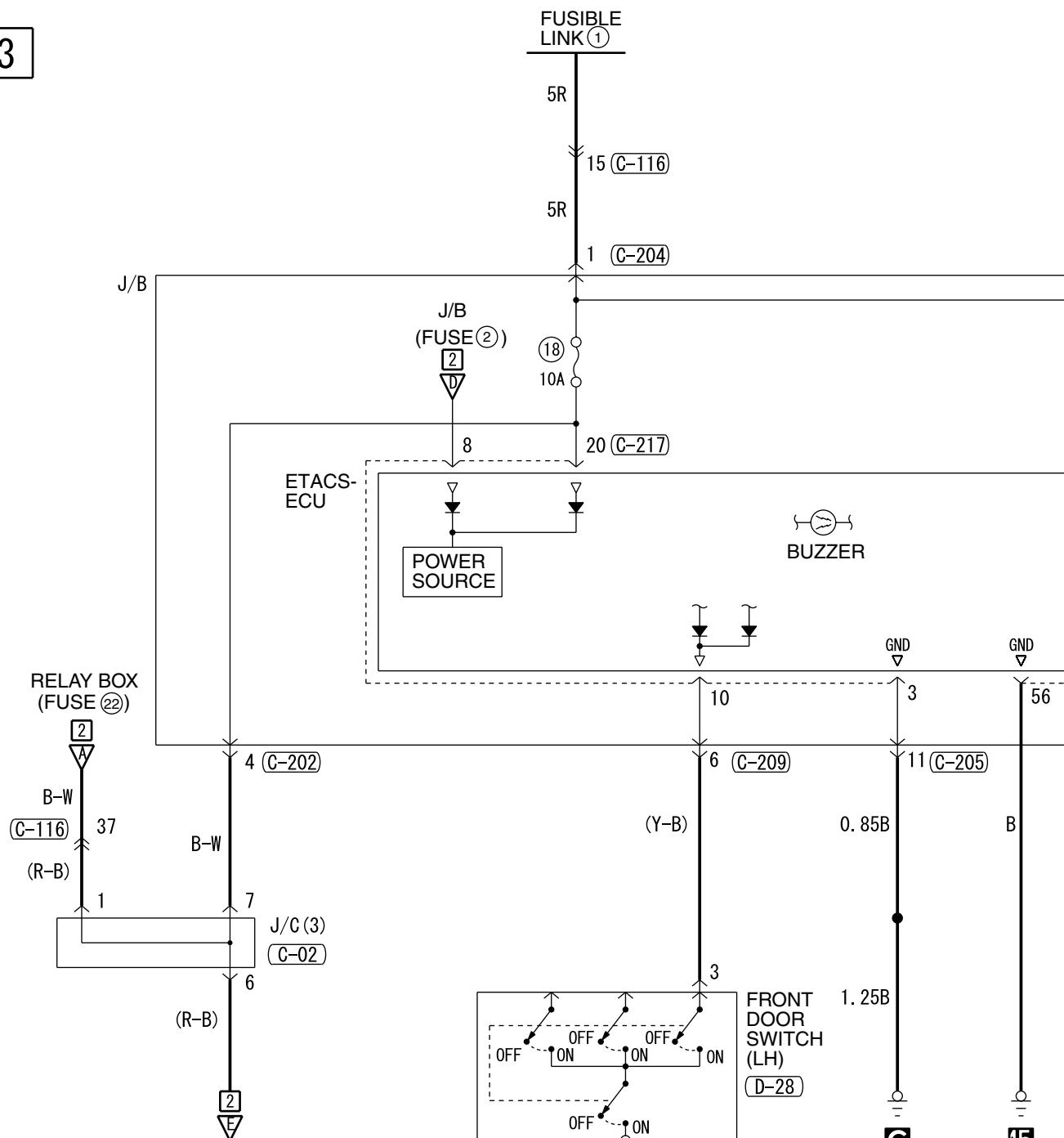


Wire colour code

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

TAIL LAMP, POSITION LAMP, LICENCE PLATE LAMP AND LIGHTING MONITOR BUZZER  
(CONTINUED)

3



C-02
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33

C-24	FRONT SIDE
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	

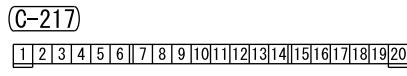
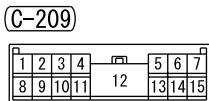
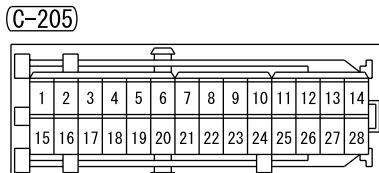
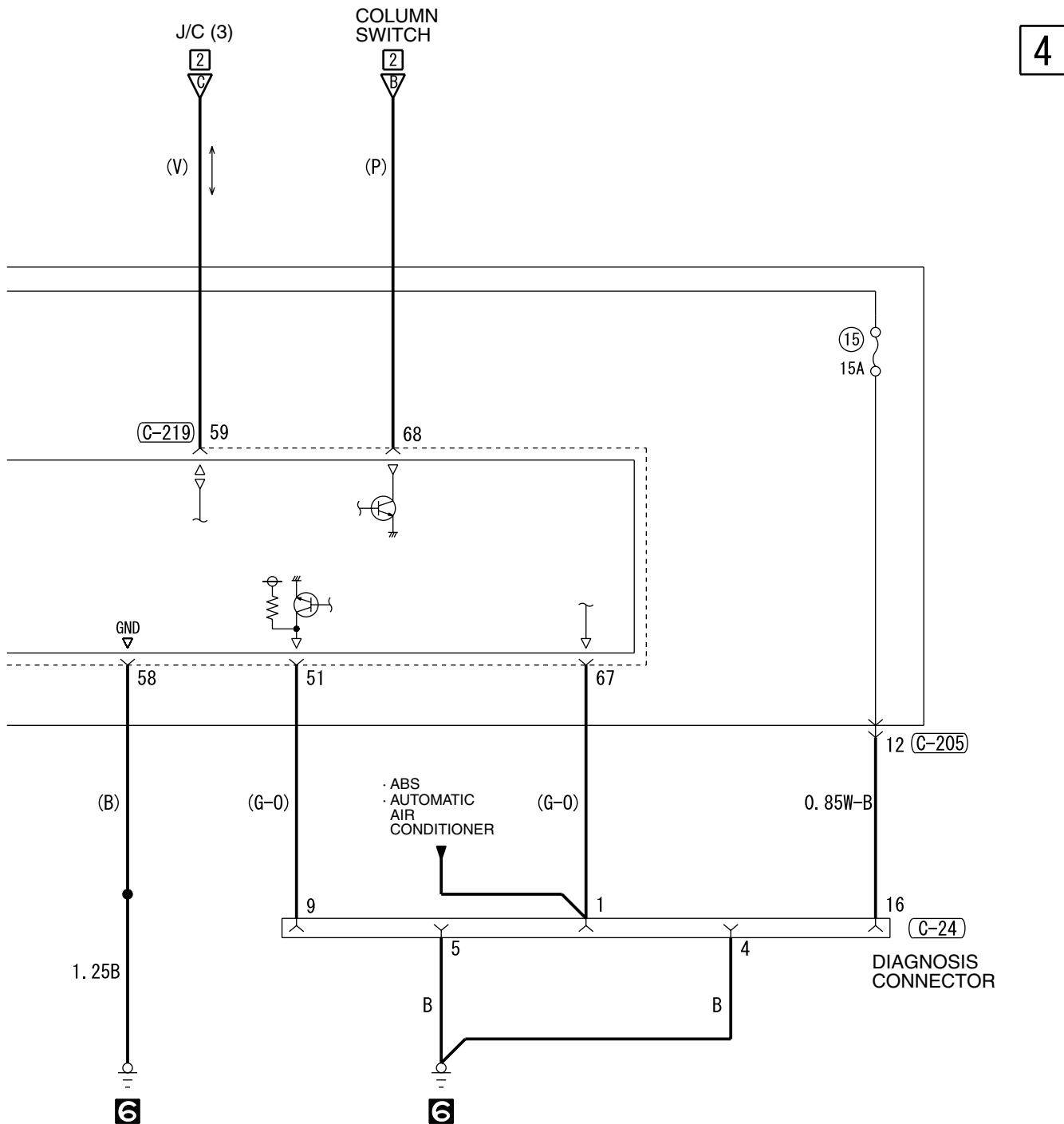
C-116
1 2 X 3 4 10 11 12 13 14 22 23 24 25 26 34 35 36 37
5 6 7 X 8 9 16 17 18 19 20 21 27 28 29 30 31 32 33 38 39 40 41 42 43

C-202	MU801857
1 2 3 7 8 9 10 11 12 13 14	4 5 6 41 42 43

C-204	MU801403
1 2 3 7 8 9 10 11 12 13 14	4 5 6 41 42 43



## **TAIL LAMP, POSITION LAMP, LICENCE PLATE LAMP AND LIGHTING MONITOR BUZZER**



C-219								
(MU803766)								
51	52	53	54	55	56	57	58	59
60	61	62	63	64	65	66	67	68
69	70	71			72	73	74	

## Wire colour code

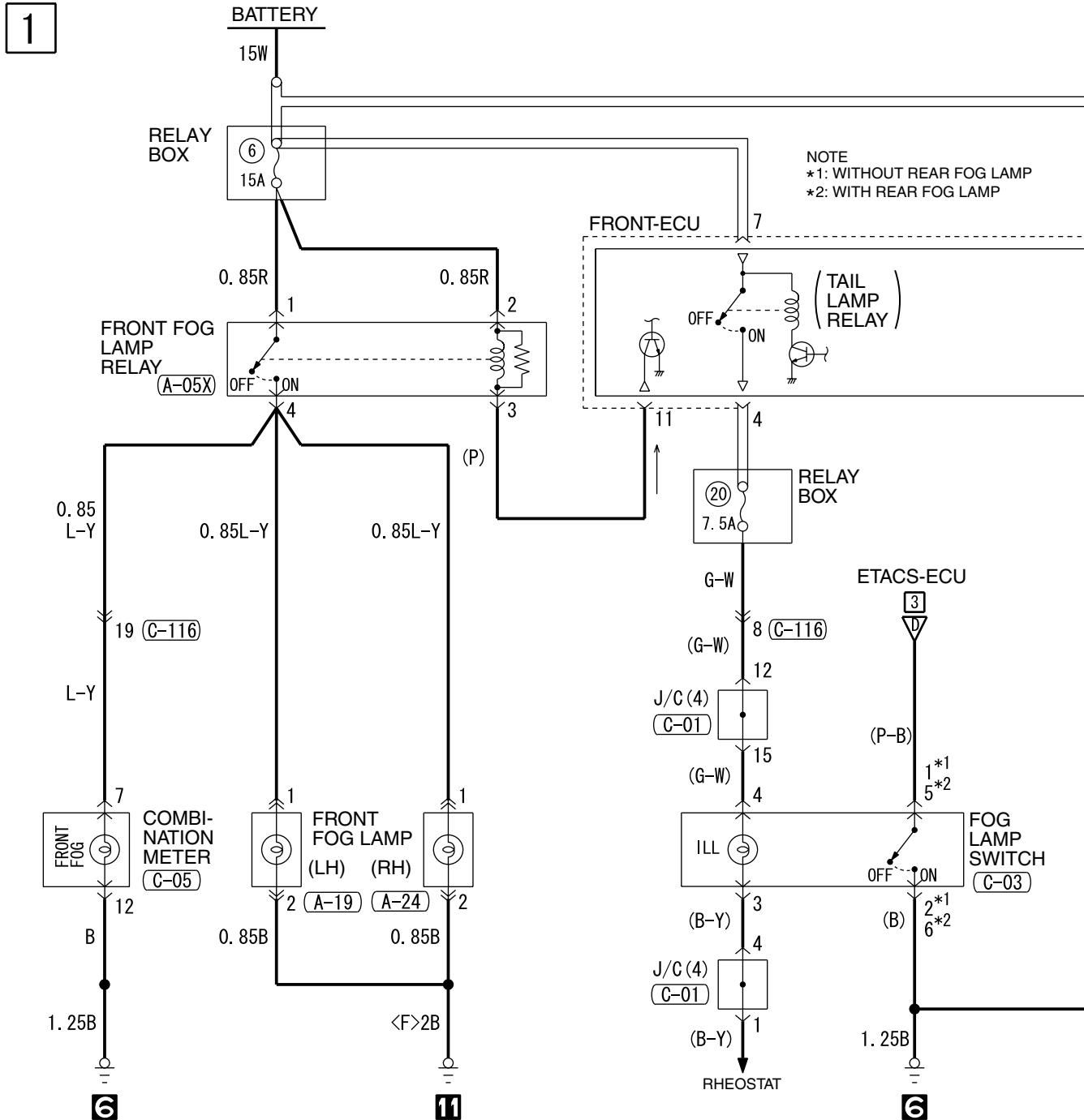
Wire colour code  
B : Black LG : Light green G : Green L : Blue  
W : White Y : Yellow SB : Sky blue BR : Brown

W : White F : Yellow CB : City blue BR : Brown  
O : Orange GR : Gray R : Red P : Pink V : Violet

• Orange    □ Gray    □ Red    □ Pink    □ Violet     **None**

# **FRONT FOG LAMP**

M3030011900075



A-05X

**A-11X**

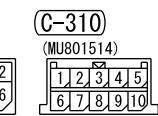
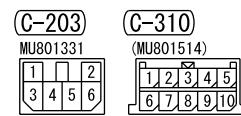
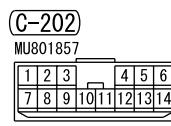
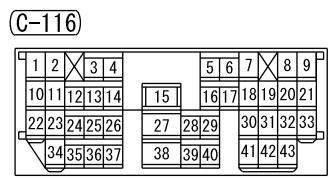
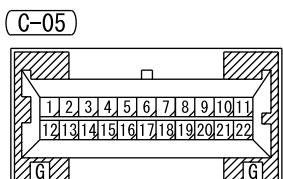
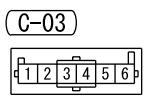
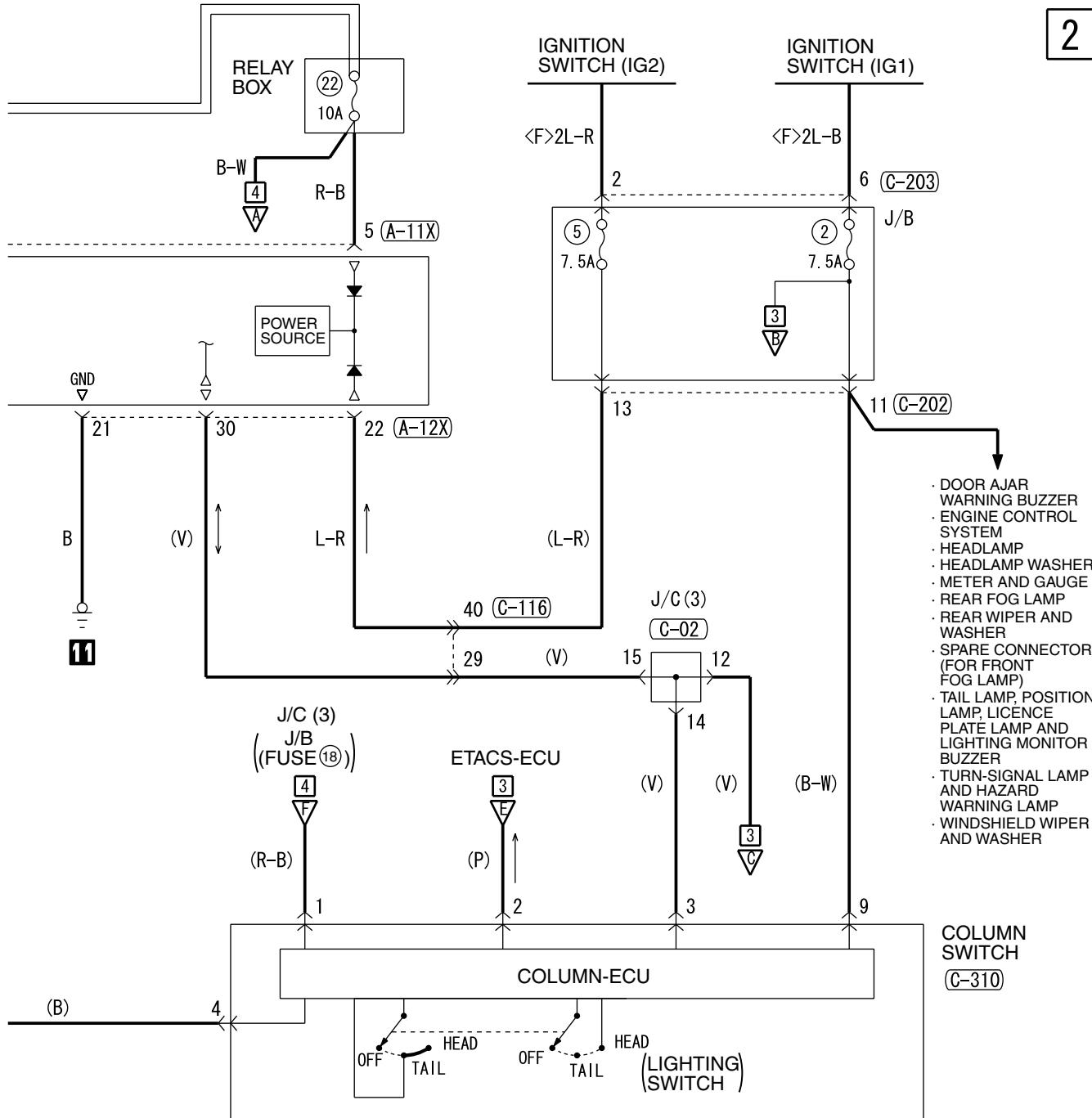
(A-12X)

C-01	
1	2
3	4
5	6
7	8
9	10
11	
12	13
14	15
16	17
18	19
20	21
22	
23	24
25	26
27	28
29	30
31	32
33	

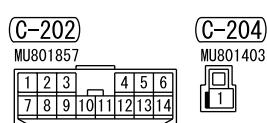
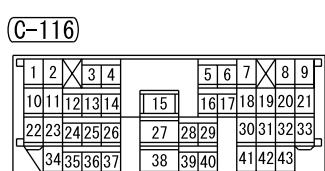
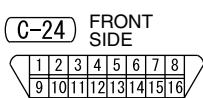
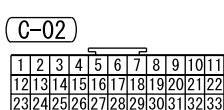
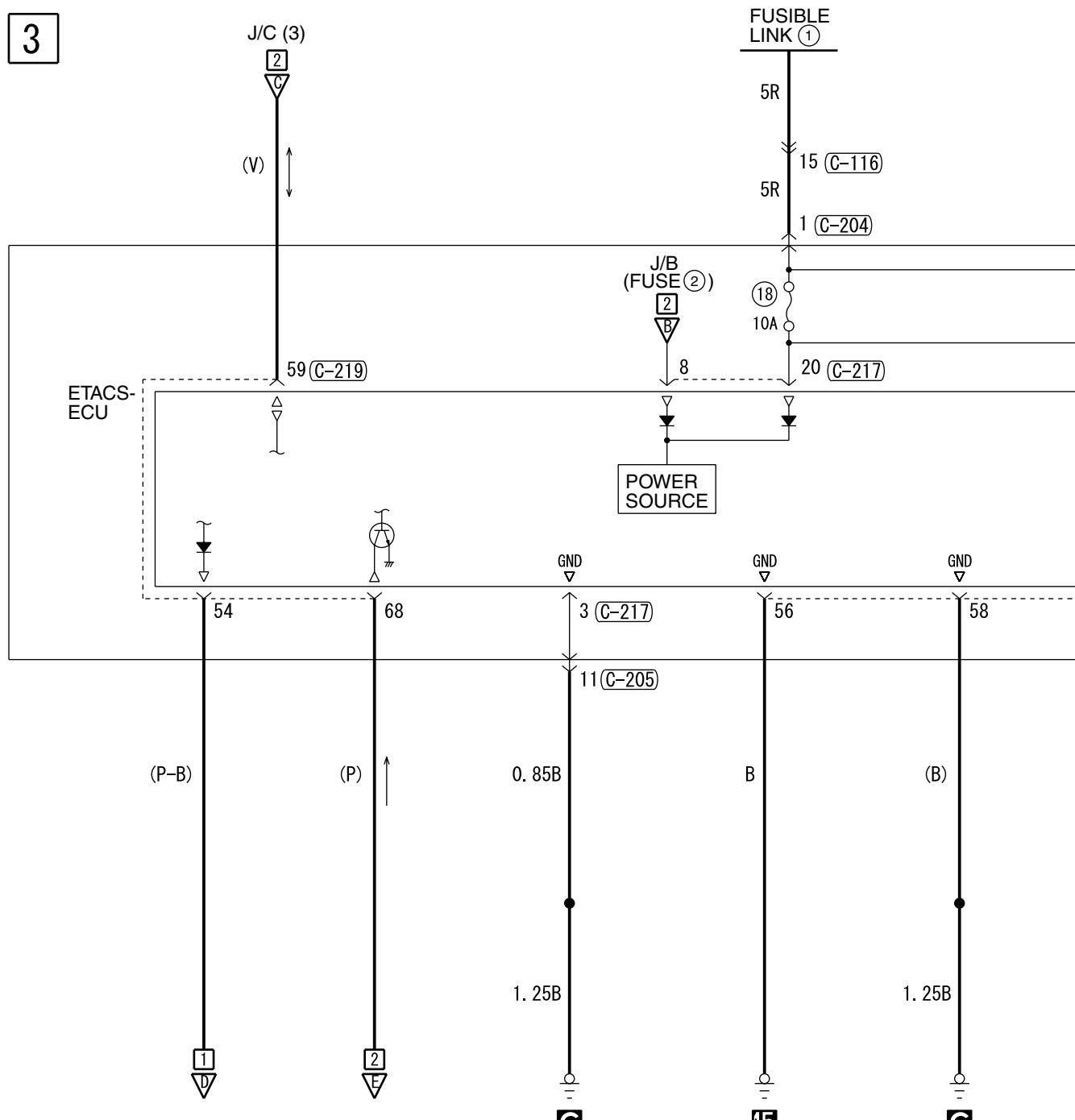
<b>C-02</b>	
1	2
3	4
5	6
7	8
9	10
11	
12	13
14	15
16	17
18	19
20	21
22	
23	24
25	26
27	28
29	30
31	32
33	

## Wire colour code

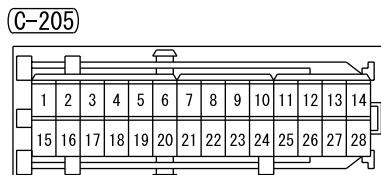
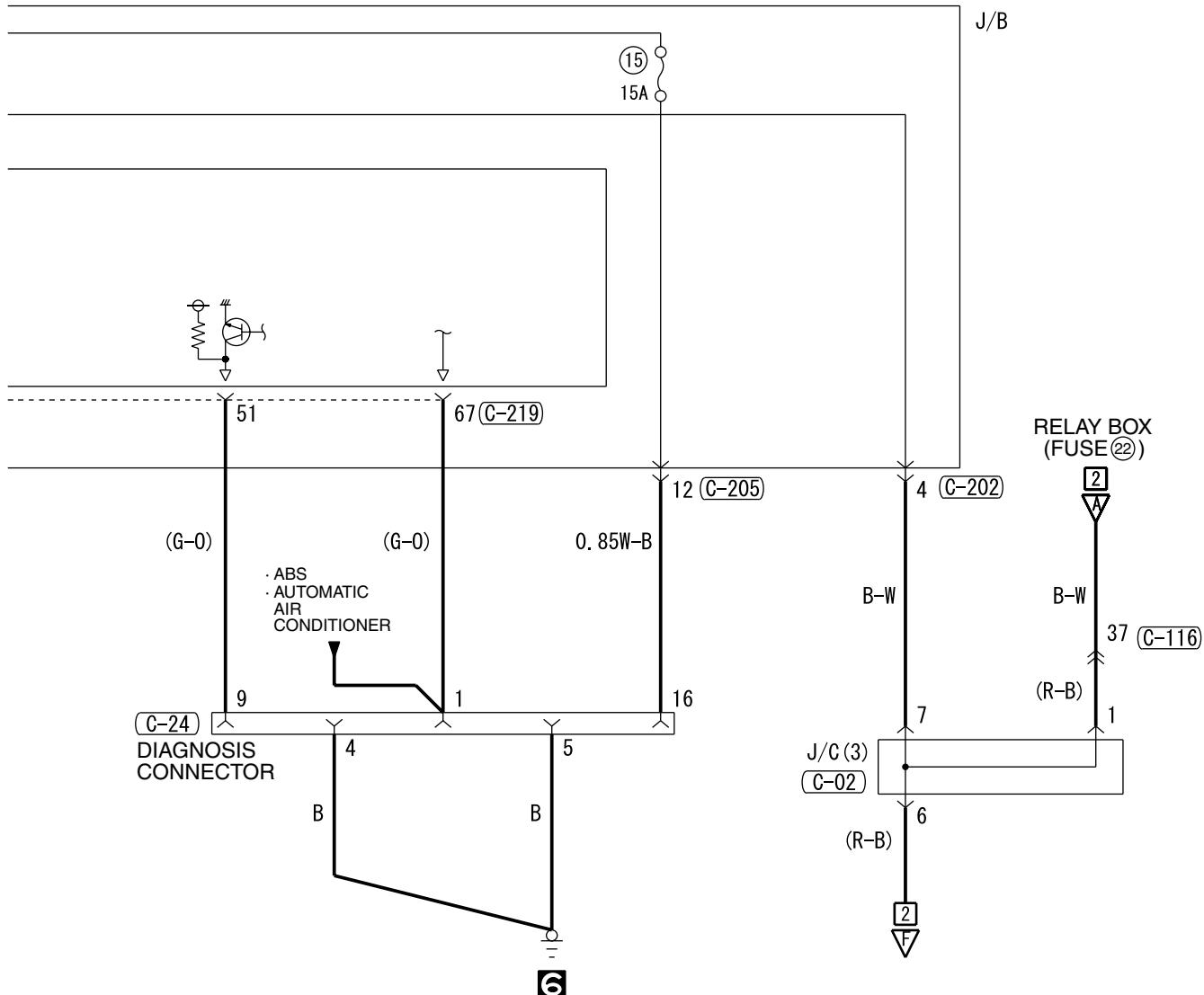
Wire colour code  
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue  
BR : Brown O : Orange GR : Gray R : Red P : Pink V : Violet



FRONT FOG LAMP (CONTINUED)



4



<b>C-219</b>								
(MU803766)								
51	52	53	54	55	56	57	58	59
60	61	62	63	64	65	66	67	68
69	70	71			72	73	74	

Wire colour code

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

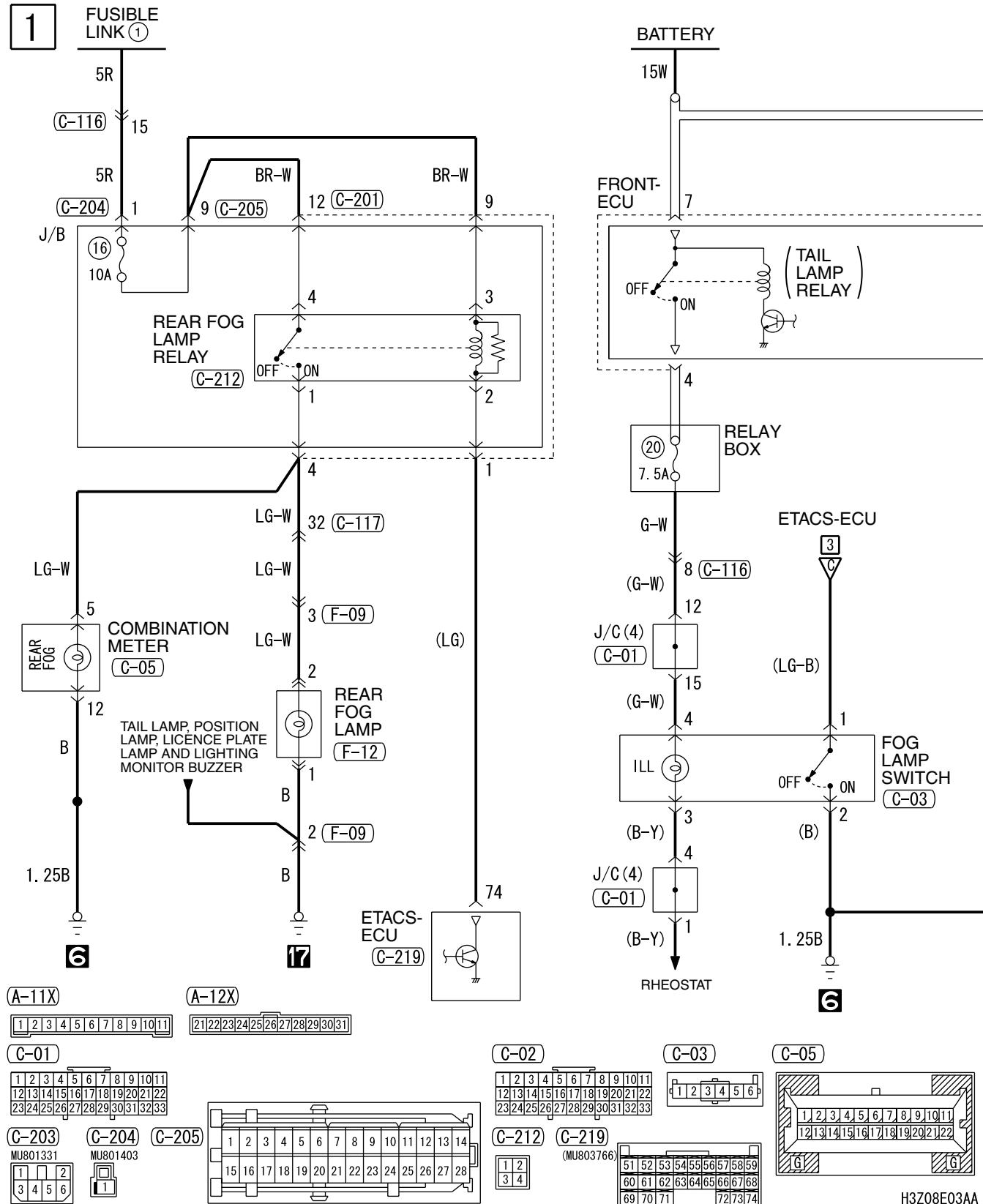
W : White Y : Yellow SB : Sky blue BR : Brown  
O : Orange GB : Gray B : Bed P : Pink V : Violet

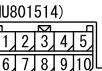
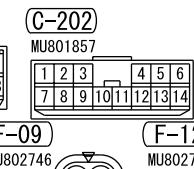
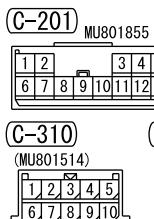
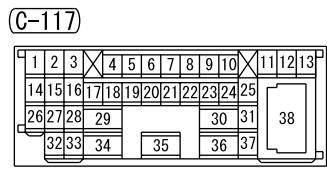
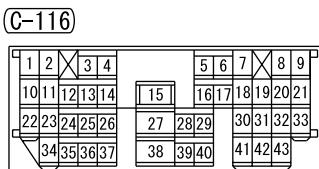
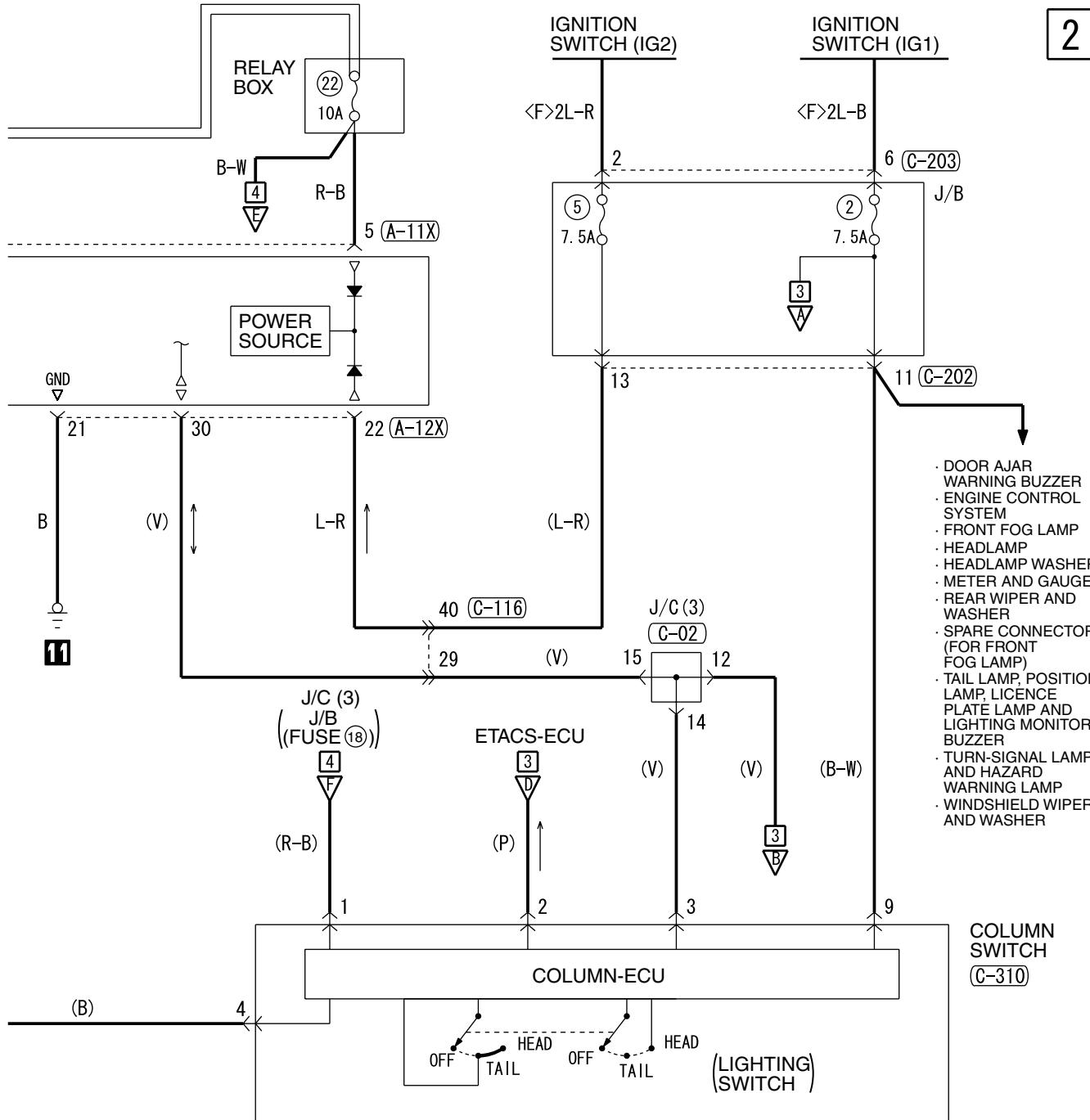
U : Orange    GR : Gray    R : Red    P : Pink    V : V

H3Z08E02BB

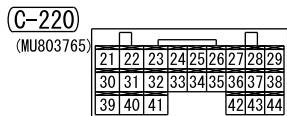
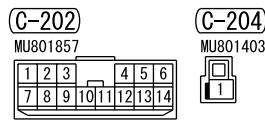
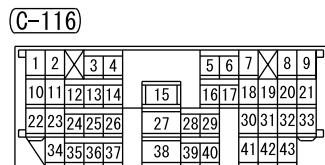
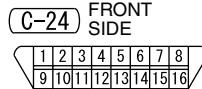
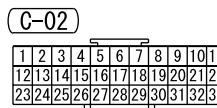
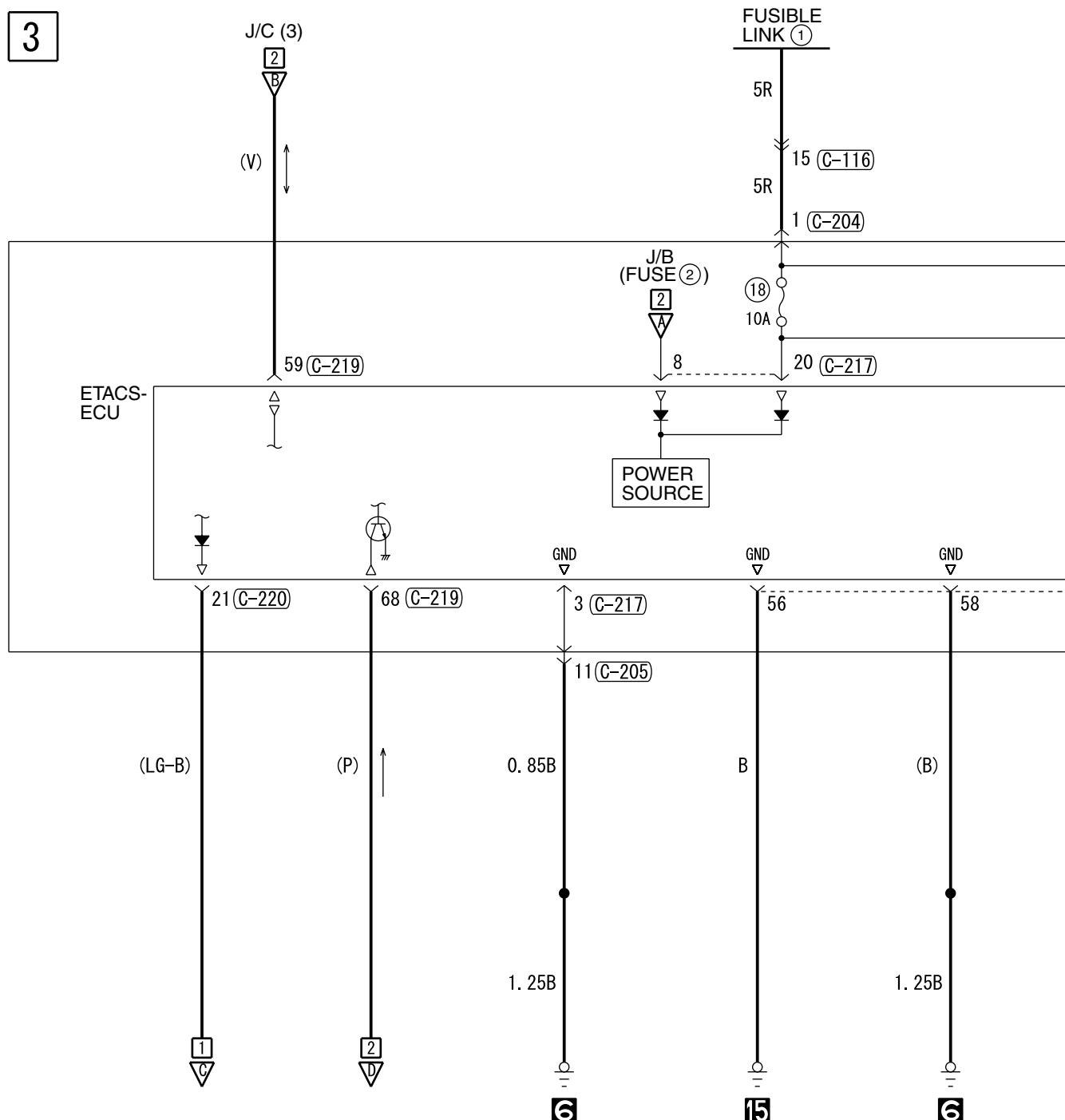
REAR FOG LAMP

M3030012000031

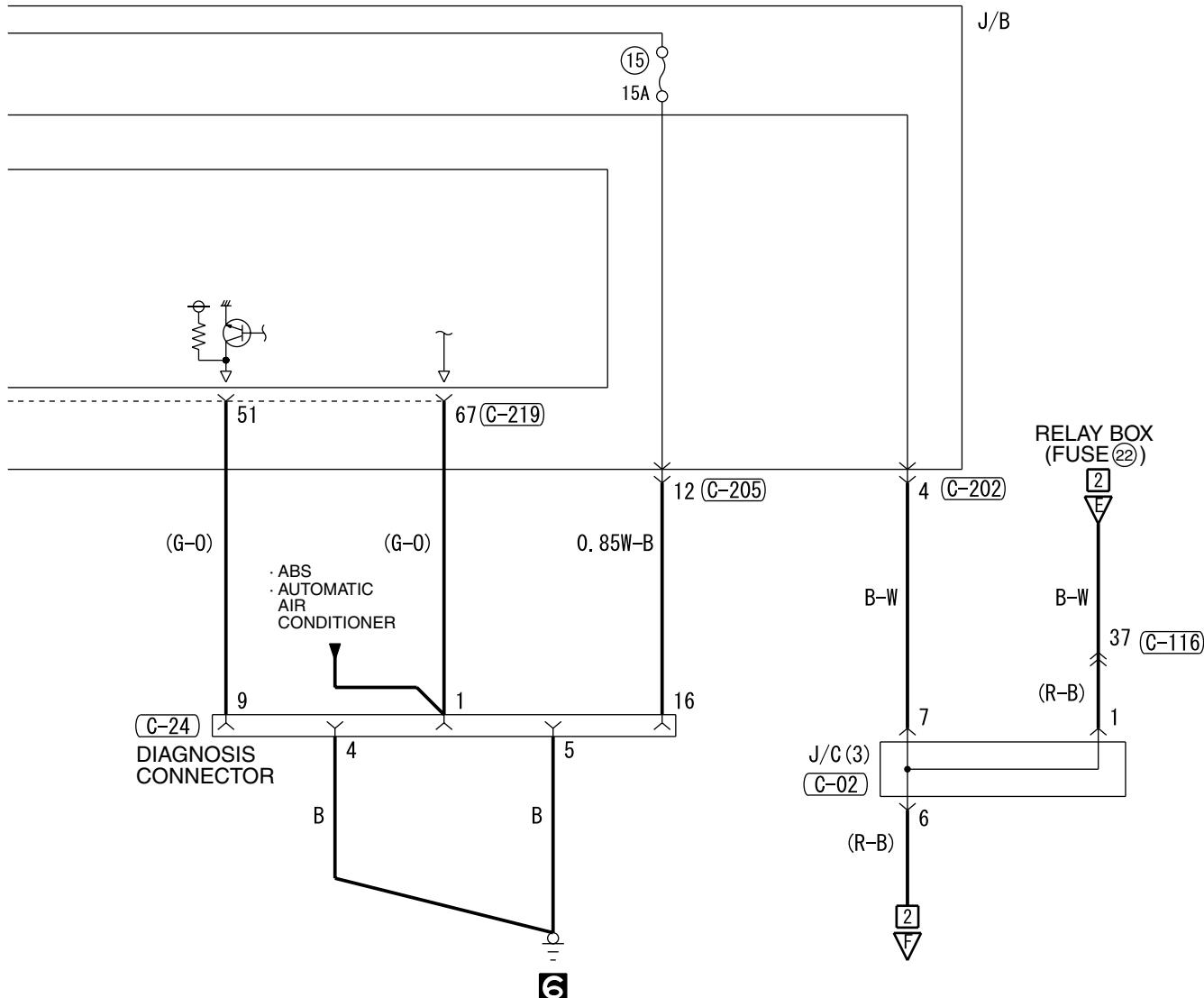




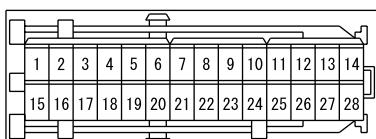
REAR FOG LAMP (CONTINUED)



4



(C-205)



(C-217)

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

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

(C-219)

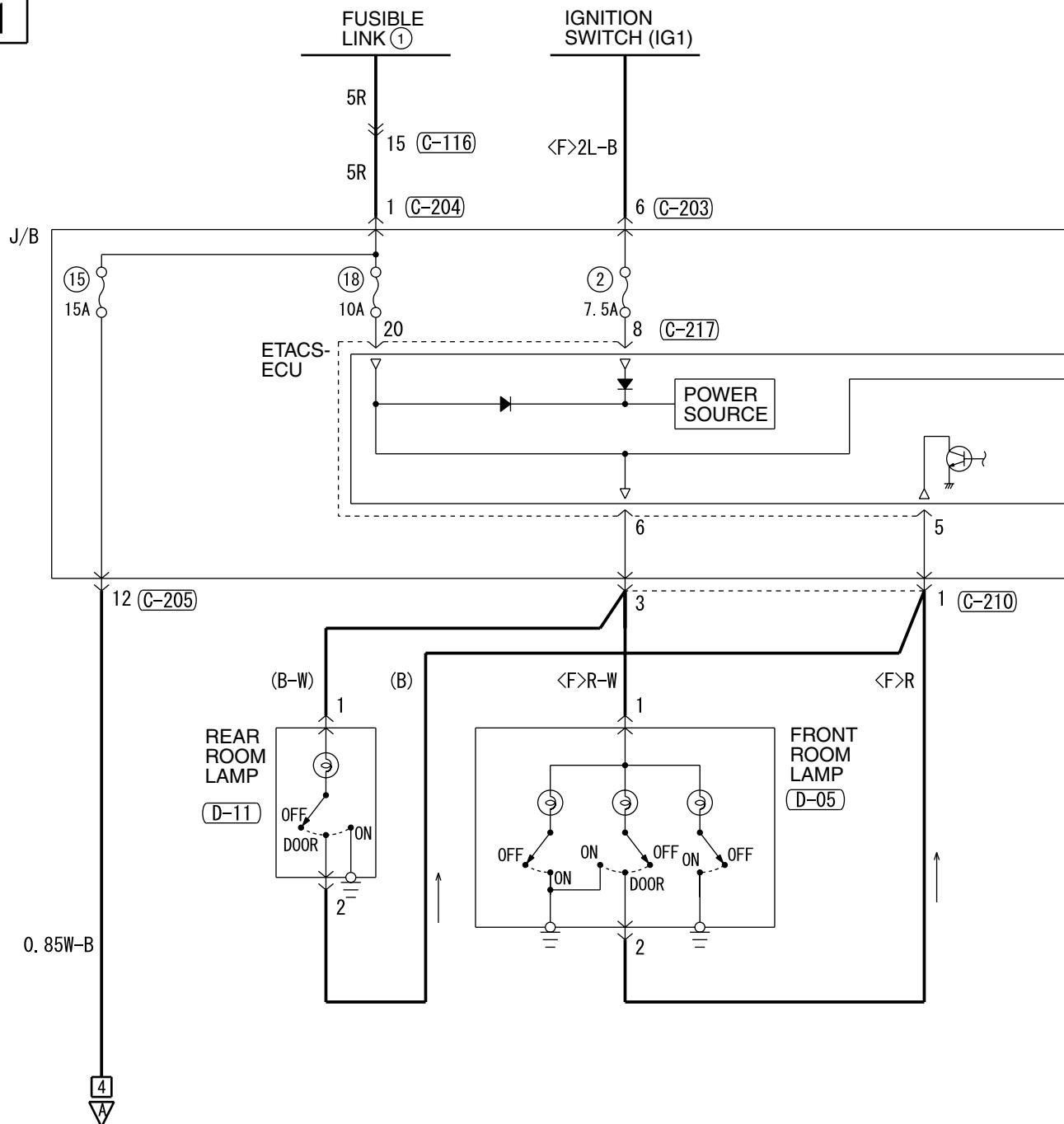
(MU803766)

51	52	53	54	55	56	57	58	59
60	61	62	63	64	65	66	67	68
69	70	71	72	73	74			

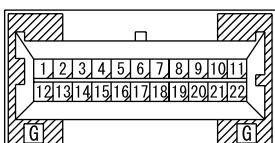
# FRONT ROOM LAMP, REAR ROOM LAMP AND IGNITION KEY CYLINDER ILLUMINATION LAMP VEHICLES WITHOUT KEYLESS ENTRY SYSTEM

M3030020000122

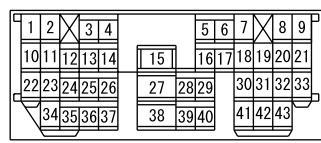
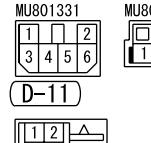
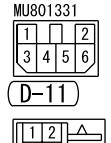
1



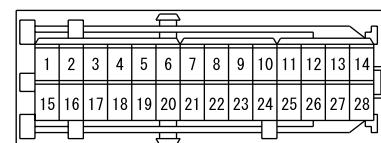
(C-05)



(C-116)

(C-203)  
MU801331(C-204)  
MU801403

(C-205)

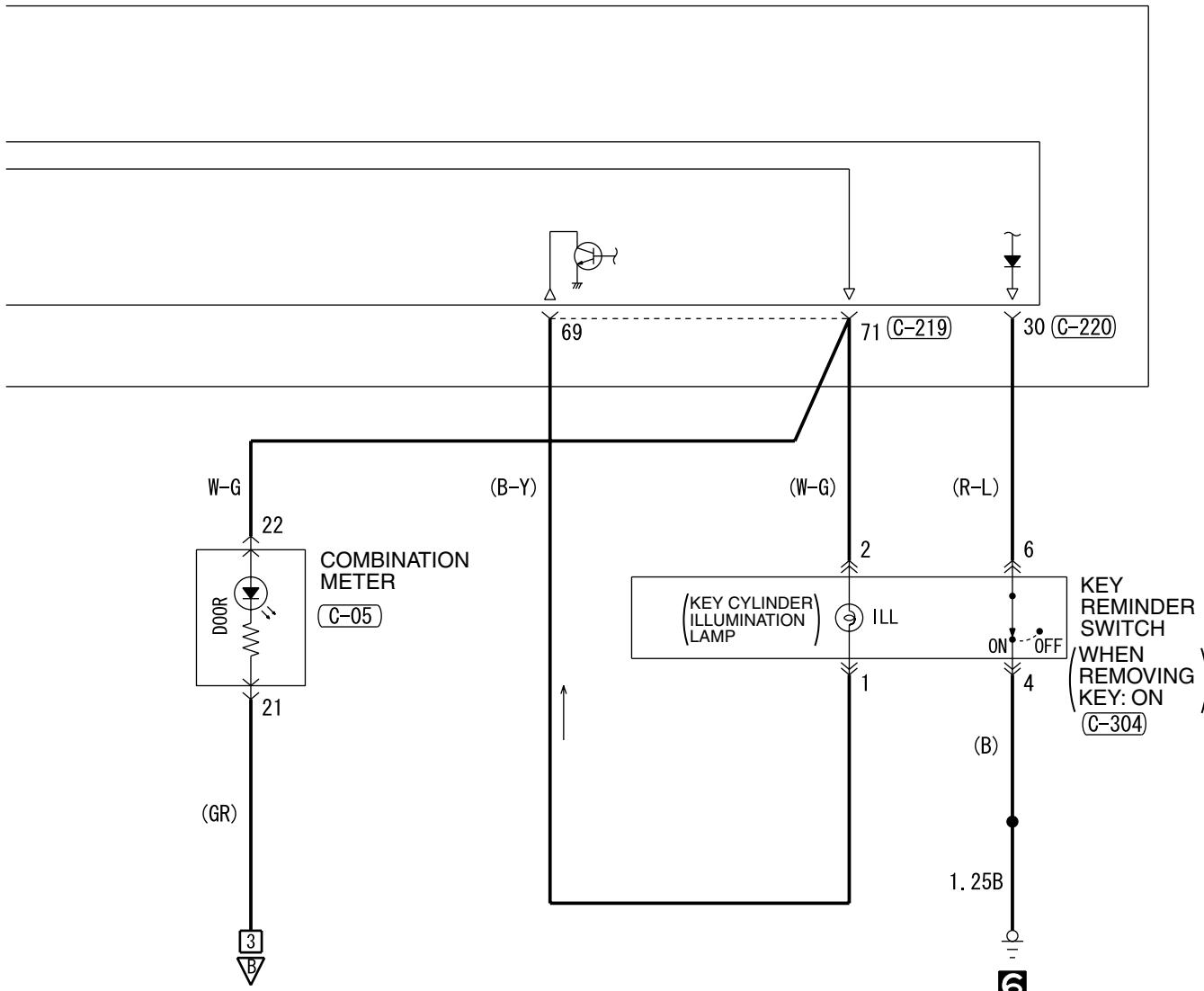


# CIRCUIT DIAGRAMS

FRONT ROOM LAMP, REAR ROOM LAMP AND IGNITION KEY CYLINDER ILLUMINATION LAMP VEHICLES WITHOUT  
KEYLESS ENTRY SYSTEM

3-57

2



51	52	53	54	55	56	57	58	59
60	61	62	63	64	65	66	67	68
69	70	71	72	73	74			



21	22	23	24	25	26	27	28	29
30	31	32	33	34	35	36	37	38
39	40	41	42	43	44			



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

H3Z08E04AB

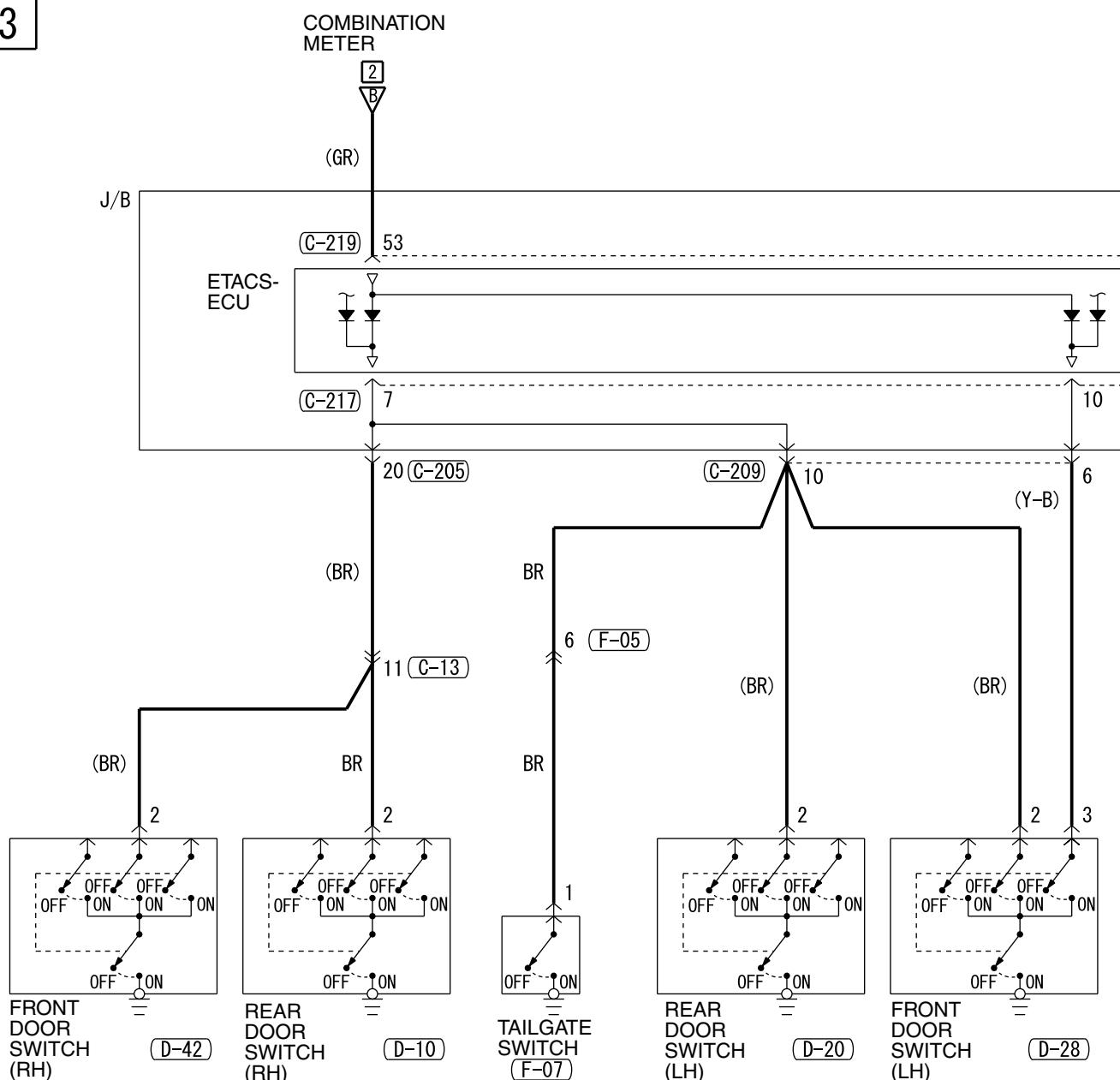
# CIRCUIT DIAGRAMS

**3-58**

FRONT ROOM LAMP, REAR ROOM LAMP AND IGNITION KEY CYLINDER ILLUMINATION LAMP VEHICLES WITHOUT  
KEYLESS ENTRY SYSTEM

**FRONT ROOM LAMP, REAR ROOM LAMP AND IGNITION KEY CYLINDER ILLUMINATION LAMP <Vehicles without keyless entry system> (CONTINUED)**

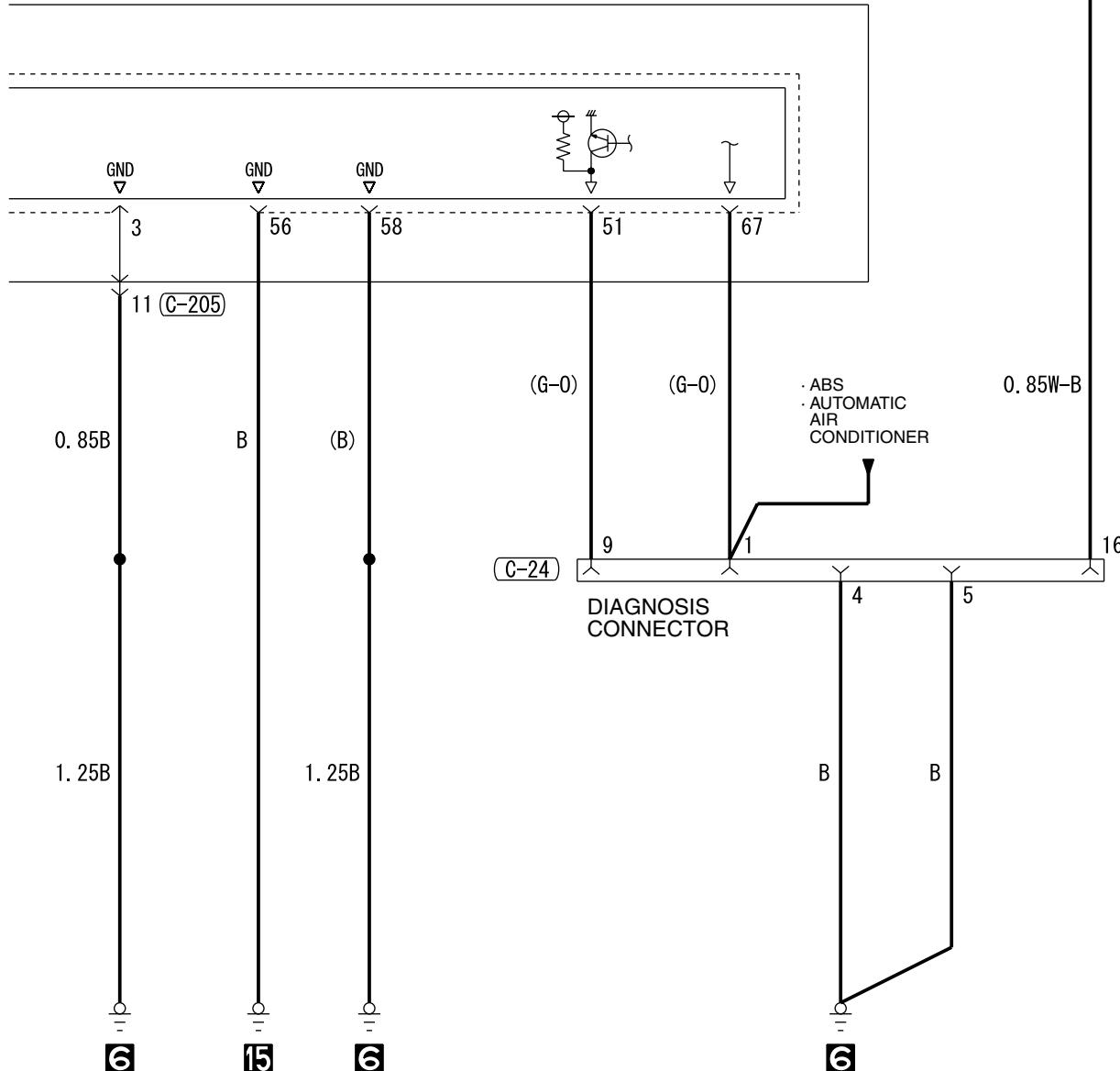
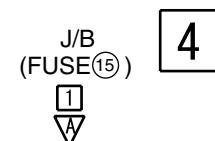
**3**



# CIRCUIT DIAGRAMS

FRONT ROOM LAMP, REAR ROOM LAMP AND IGNITION KEY CYLINDER ILLUMINATION LAMP VEHICLES WITHOUT  
KEYLESS ENTRY SYSTEM

3-59



(C-217)

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

(C-219)

(MU803766)									
51	52	53	54	55	56	57	58	59	
60	61	62	63	64	65	66	67	68	
69	70	71		72	73	74			

(D-10)



(D-20)



(D-28)



(D-42)



(F-05)



(F-07)



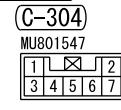
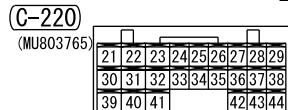
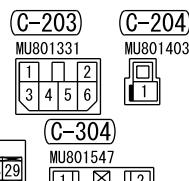
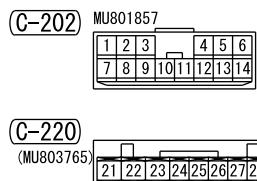
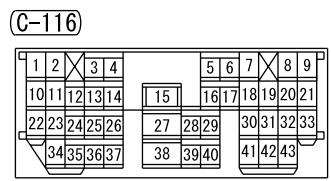
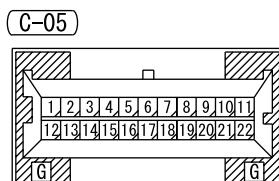
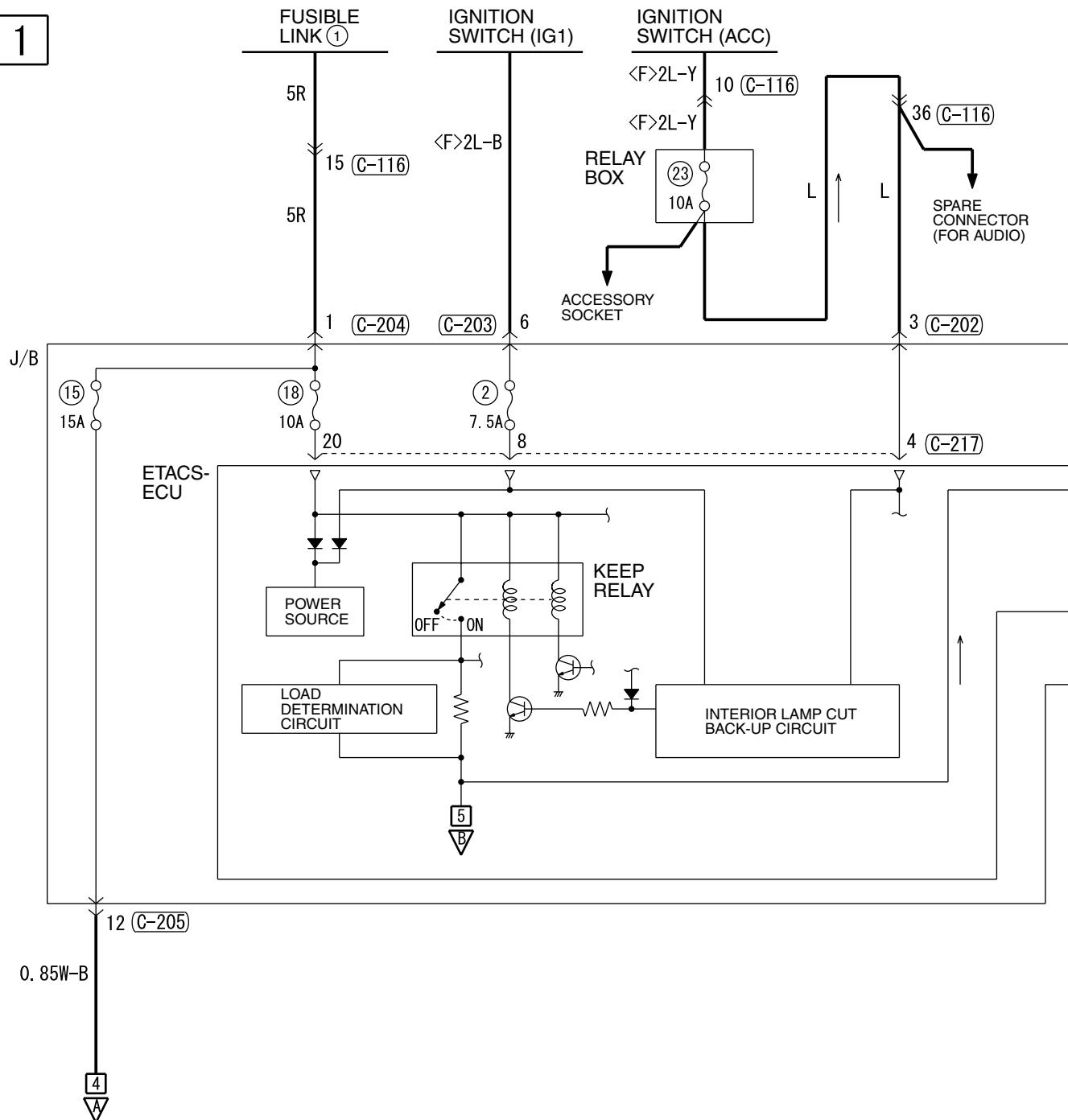
Wire colour code

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

H3Z08E04BB

FRONT ROOM LAMP, REAR ROOM LAMP AND IGNITION KEY CYLINDER  
ILLUMINATION LAMP VEHICLES WTH KEYLESS ENTRY SYSTEM

M3030020000133



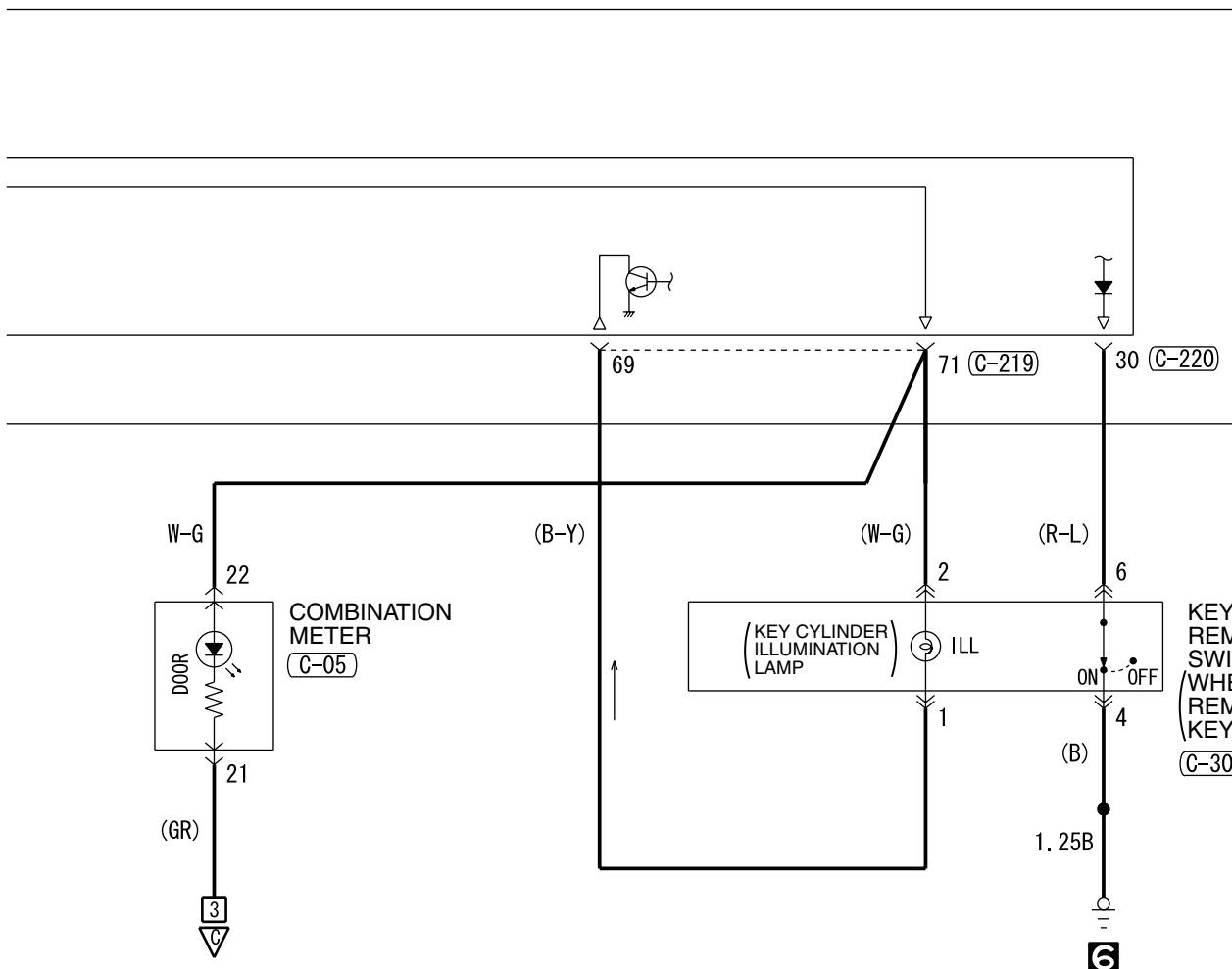
H3Z08E05AA

# CIRCUIT DIAGRAMS

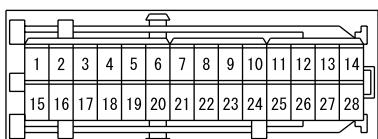
FRONT ROOM LAMP, REAR ROOM LAMP AND IGNITION KEY CYLINDER ILLUMINATION LAMP VEHICLES WITH  
KEYLESS ENTRY SYSTEM

3-61

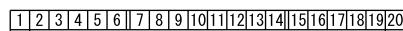
2



(C-205)



(C-217)



(C-219)

(MU803766)

51	52	53	54	55	56	57	58	59
60	61	62	63	64	65	66	67	68
69	70	71	72	73	74			

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

H3Z08E05AB

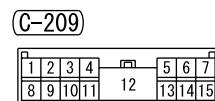
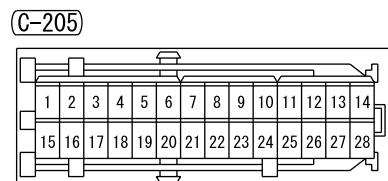
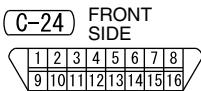
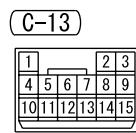
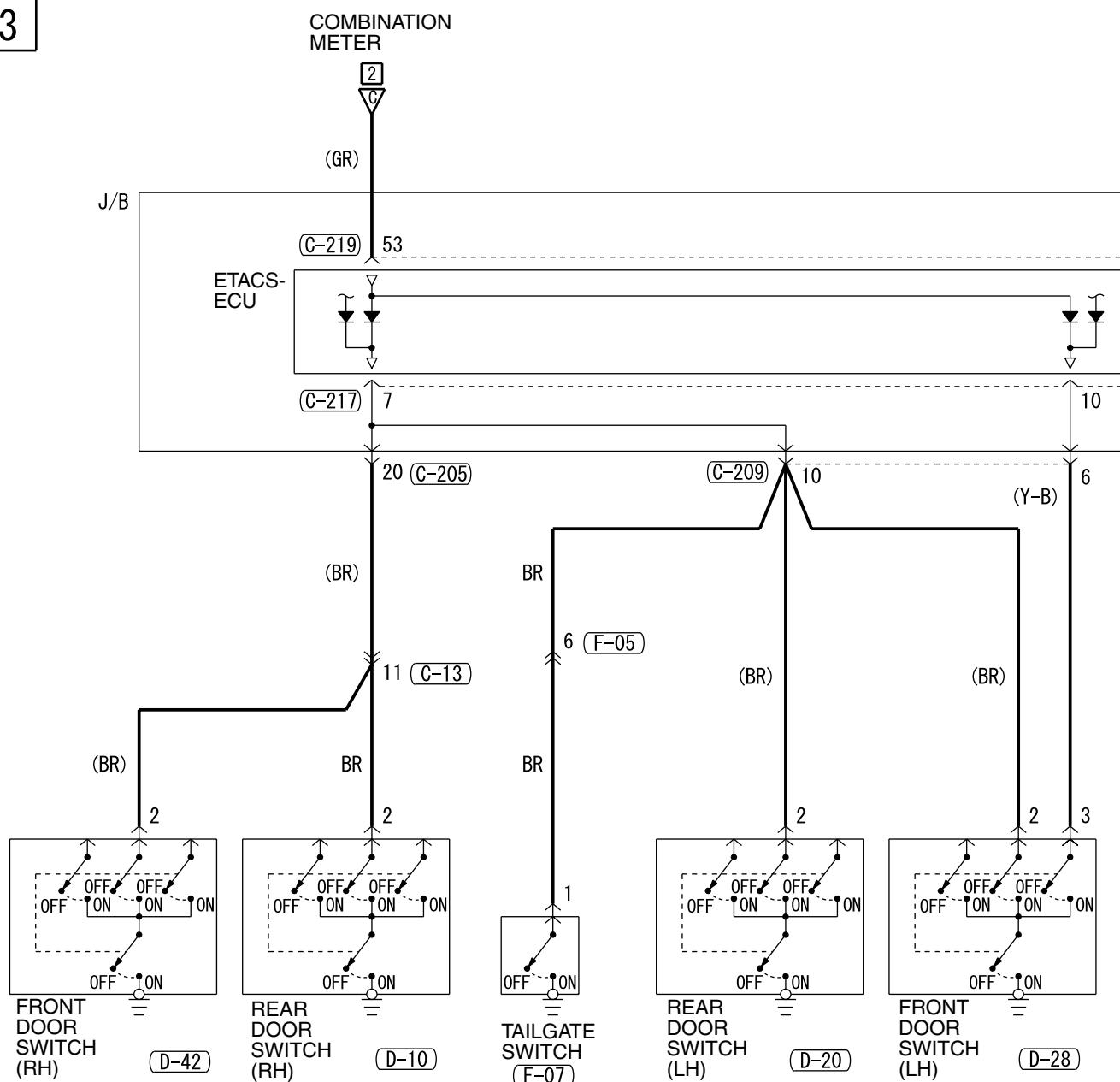
# CIRCUIT DIAGRAMS

**3-62**

FRONT ROOM LAMP, REAR ROOM LAMP AND IGNITION KEY CYLINDER ILLUMINATION LAMP VEHICLES WITH  
KEYLESS ENTRY SYSTEM

**FRONT ROOM LAMP, REAR ROOM LAMP AND IGNITION KEY CYLINDER ILLUMINATION LAMP <Vehicles with keyless entry system> (CONTINUED)**

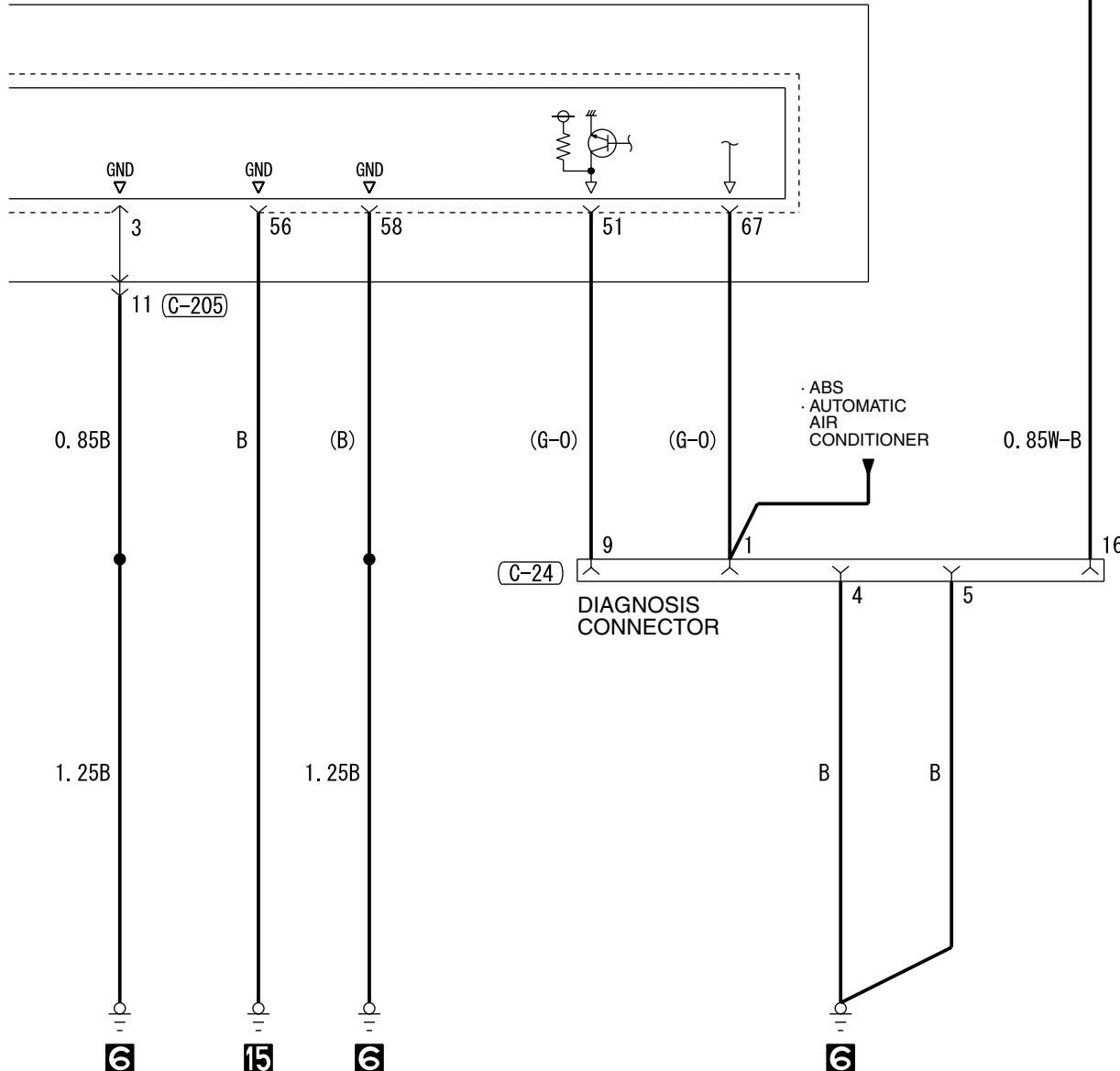
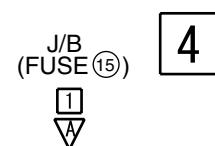
**3**



# CIRCUIT DIAGRAMS

FRONT ROOM LAMP, REAR ROOM LAMP AND IGNITION KEY CYLINDER ILLUMINATION LAMP VEHICLES WITH  
KEYLESS ENTRY SYSTEM

3-63



(C-217)

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

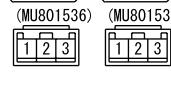
(C-219)

(MU803766)

51	52	53	54	55	56	57	58	59
60	61	62	63	64	65	66	67	68
69	70	71		72	73	74		

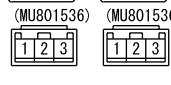
(D-10)

(MU801536)



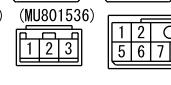
(D-20)

(MU801536)



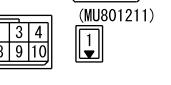
(D-28)

(MU801536)



(D-42)

(MU801536)



(F-05)

(MU801211)



(F-07)

(MU801211)



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

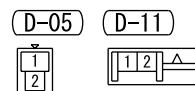
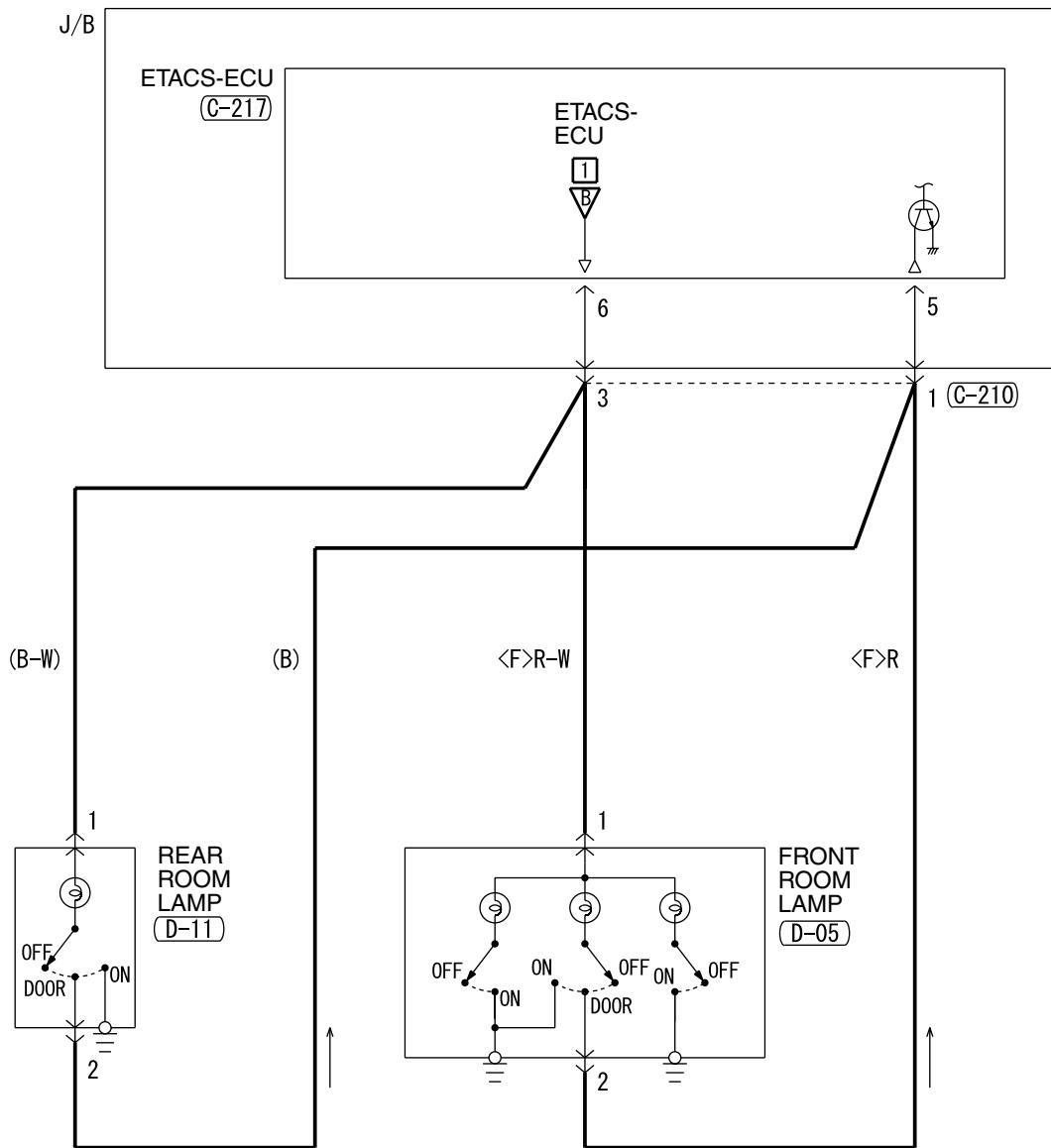
# CIRCUIT DIAGRAMS

**3-64**

FRONT ROOM LAMP, REAR ROOM LAMP AND IGNITION KEY CYLINDER ILLUMINATION LAMP VEHICLES WITH  
KEYLESS ENTRY SYSTEM

**FRONT ROOM LAMP, REAR ROOM LAMP AND IGNITION KEY CYLINDER ILLUMINATION LAMP <Vehicles with keyless entry system> (CONTINUED)**

**5**



Wire colour code

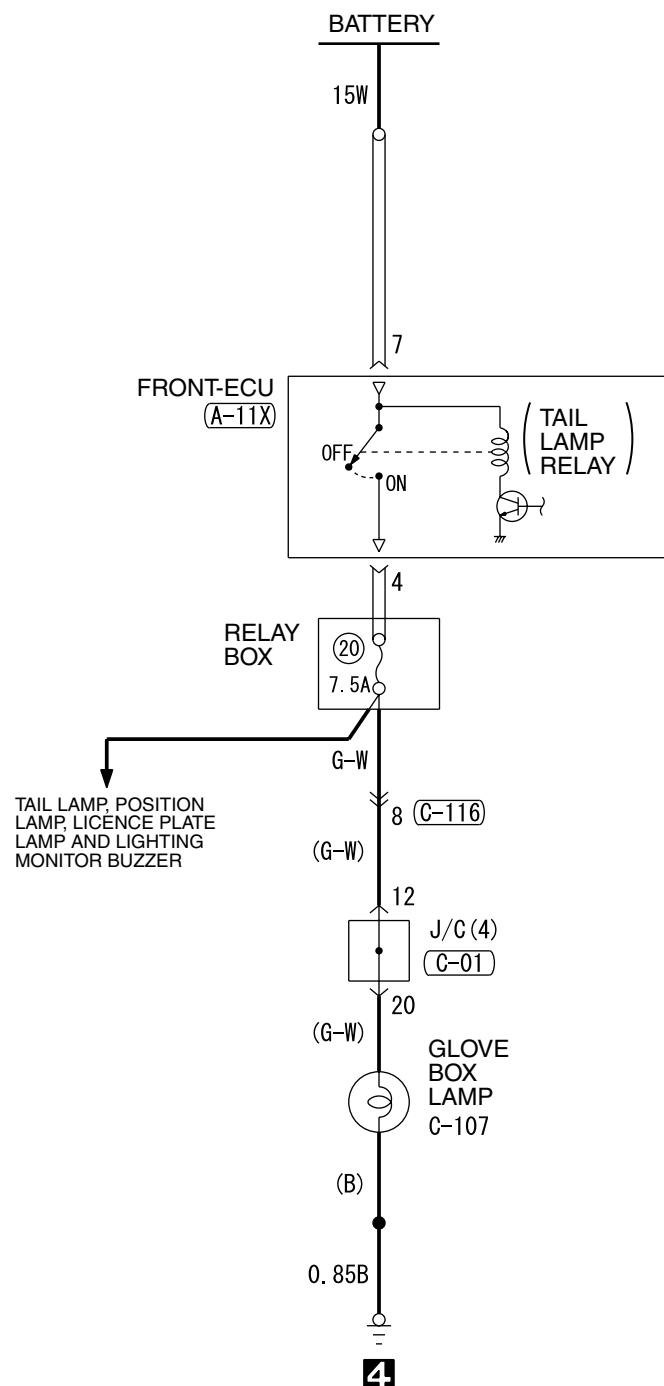
B : Black    LG : Light green    G : Green    L : Blue    W : White    Y : Yellow    SB : Sky blue  
BR : Brown    O : Orange    GR : Gray    R : Red    P : Pink    V : Violet

H3Z08E05CA

GLOVE BOX LAMP

M3030002200078

1



4

(A-11X)

1	2	3	4	5	6	7	8	9	10	11
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(C-01)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
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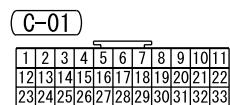
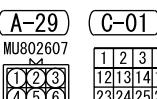
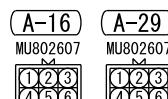
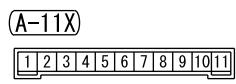
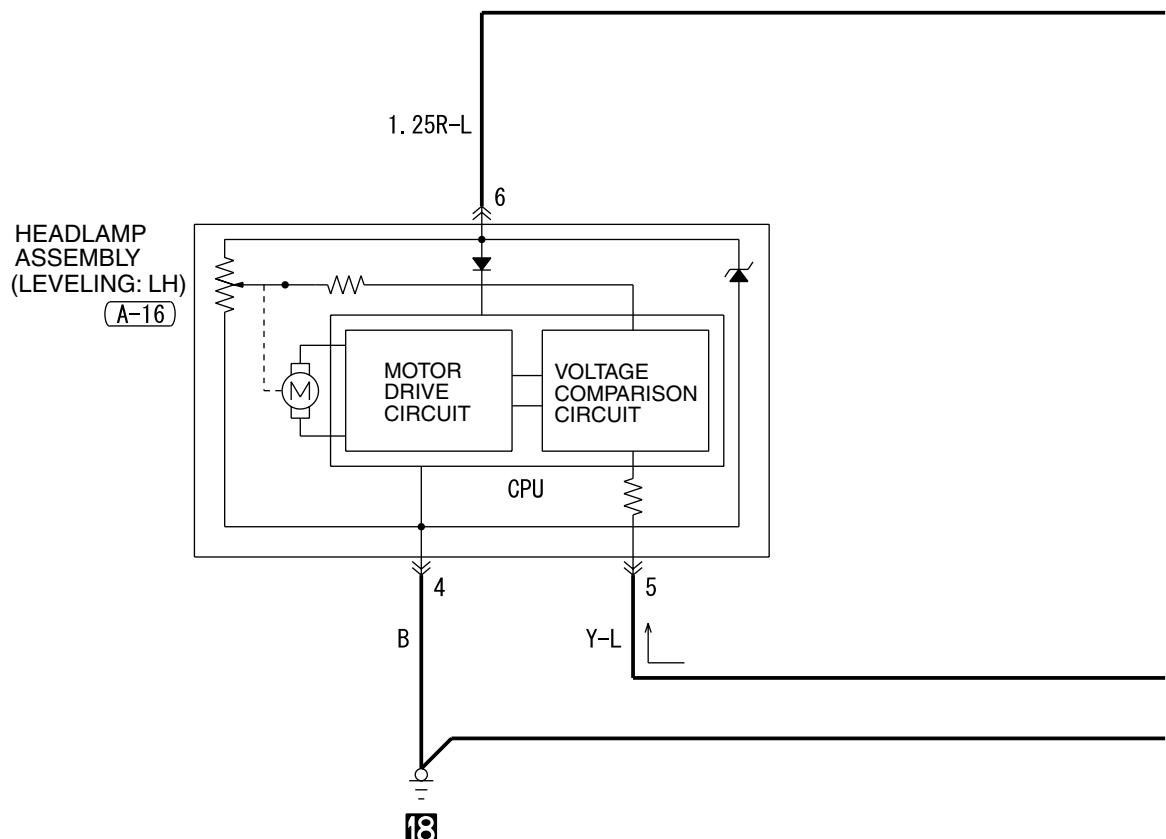
(C-116)

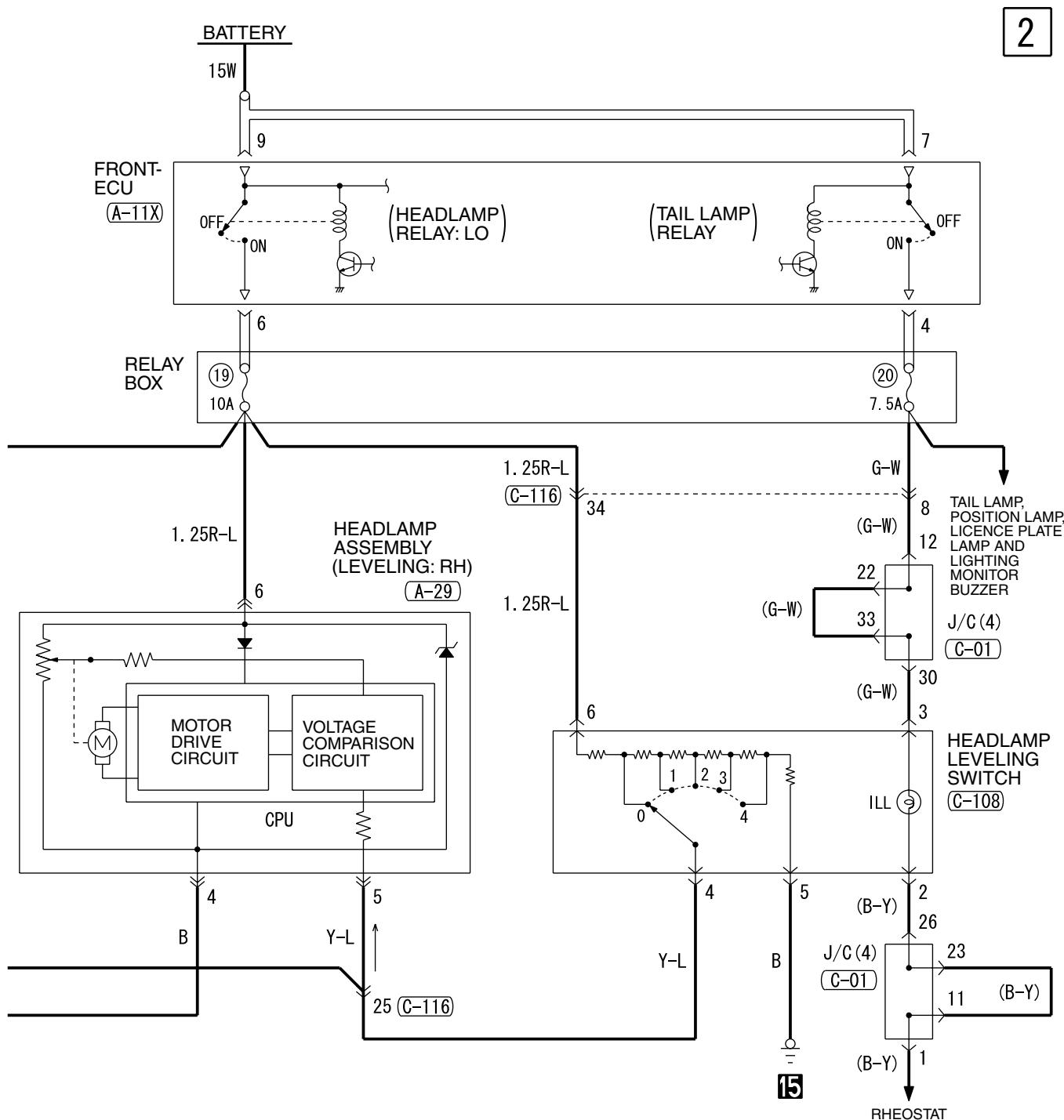
1	2	X	3	4		5	6	7	X	8	9																		
10	11	12	13	14		15		16	17	18	19	20	21																
22	23	24	25	26		27	28	29		30	31	32	33																
34	35	36	37		38	39	40		41	42	43																		

## HEADLAMP LEVELING SYSTEM

M3030012500081

1



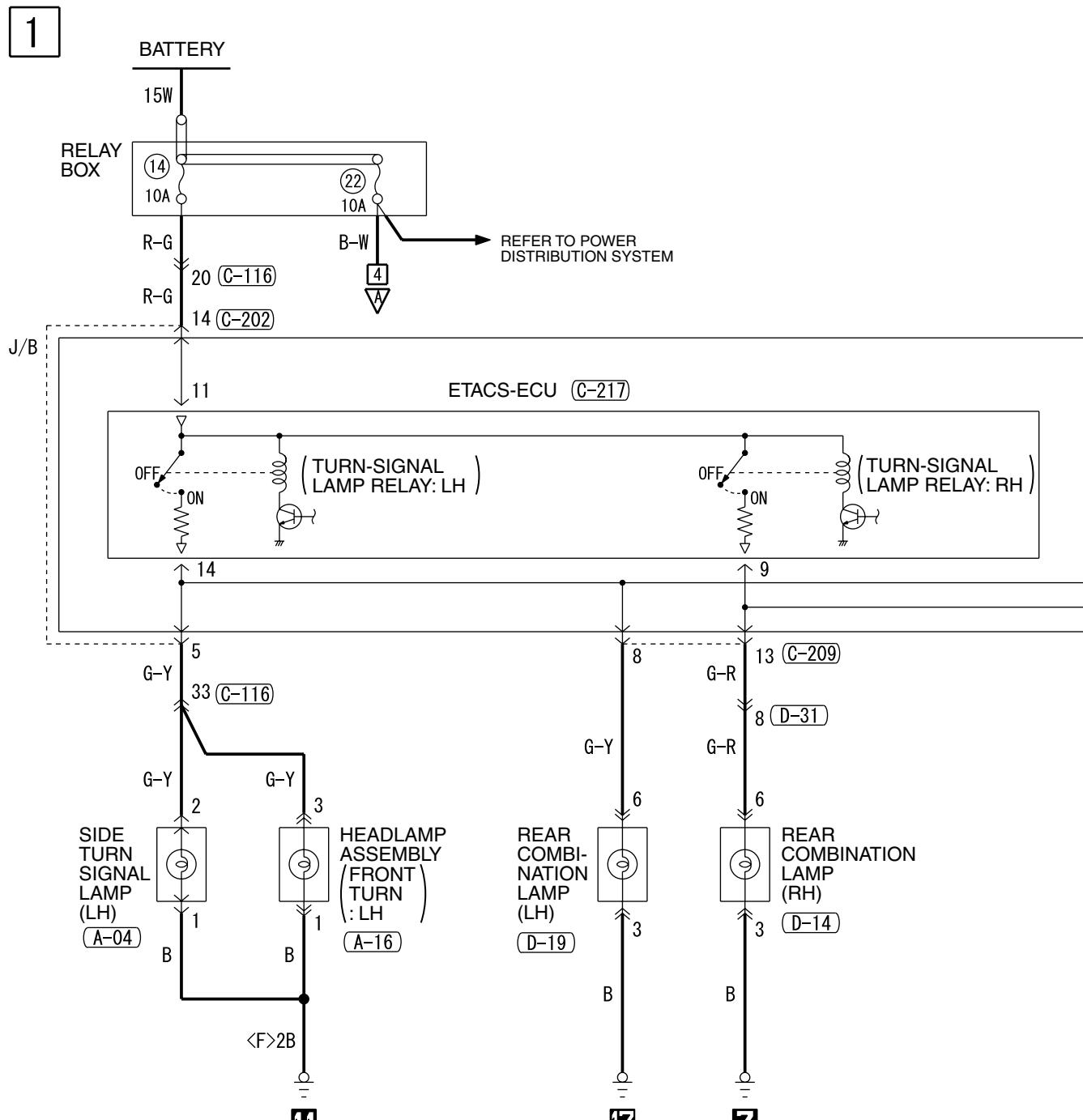


Wire colour code

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

## TURN SIGNAL LAMP AND HAZARD WARNING LAMP

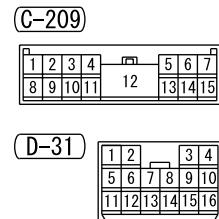
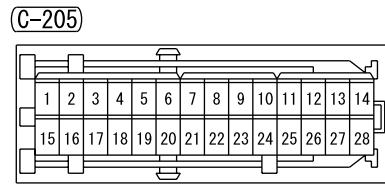
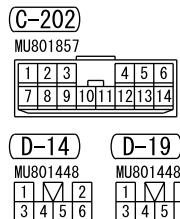
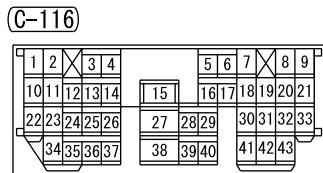
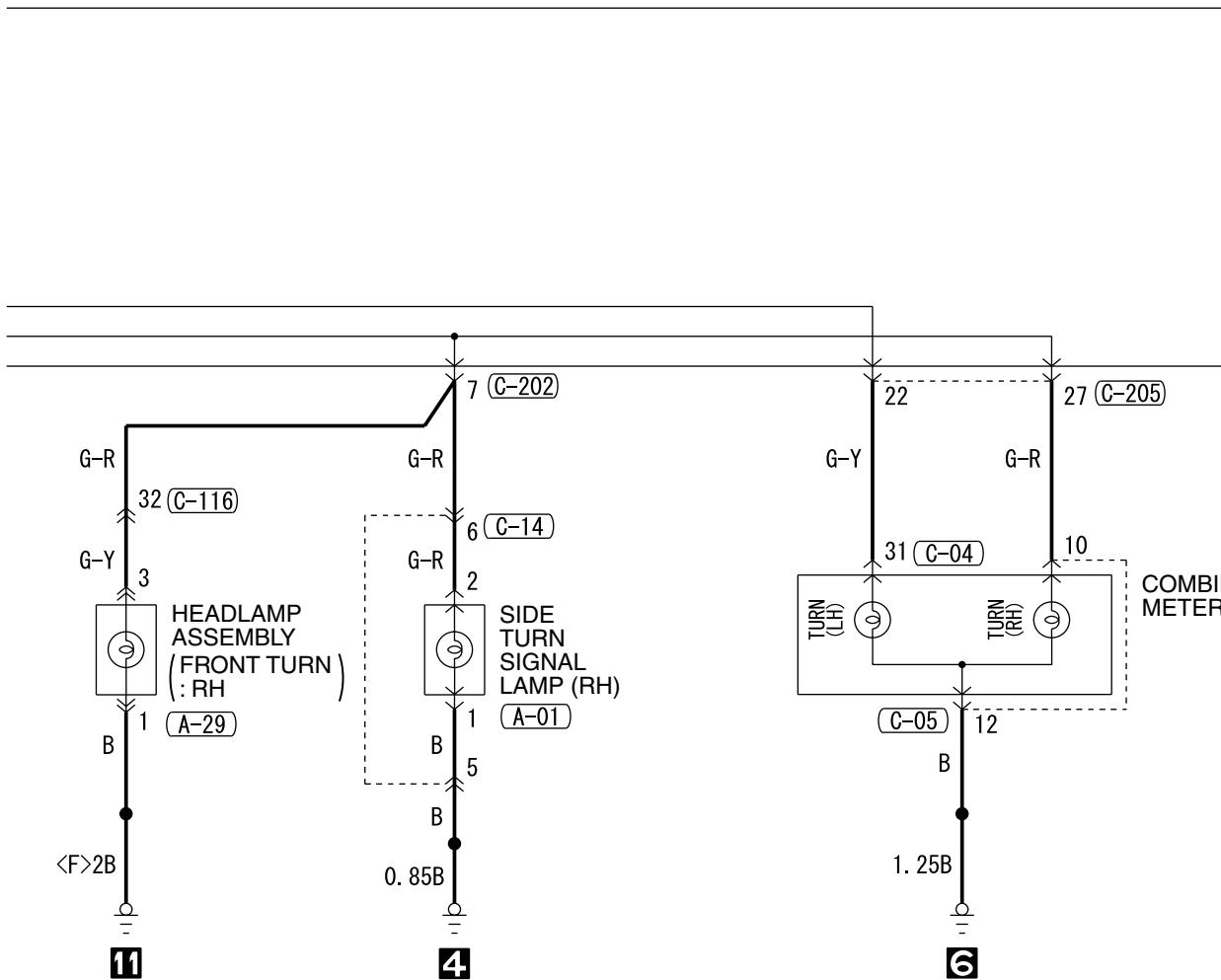
M3030002900271



(A-01)	(A-04)	(A-16) MU802607	(A-29) MU802607	(C-04)	(C-05)	(C-14) MU801451
①②	③④	①②③ ④⑤⑥	①②③ ④⑤⑥	31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	1 2 3 4 5 6 7 8 9 10
<b>(C-217)</b>						
1 2 3 4 5 6    7 8 9 10 11 12 13 14 15 16 17 18 19 20						

H3Z09E00AA

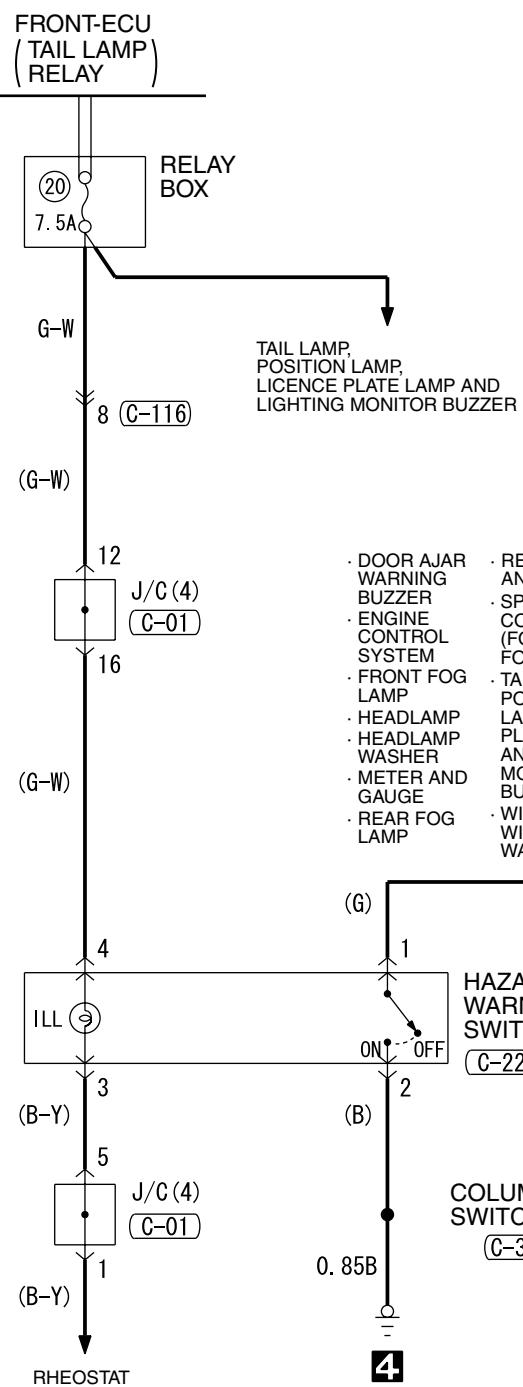
2



H3Z09E00AB

**TURN-SIGNAL LAMP AND HAZARD WARNING LAMP (CONTINUED)**

3



4

IGNITION  
SWITCH (IG1)

&lt;F&gt;2L-B

6 (C-203)

(2)

7.5A

8

ETACS-  
ECU

55

59

(V)

11 (C-202)

(G)

12

14

(B-W)

9

3

(V)

J/C (3)  
(C-02)

1

2

(B)

0.85B

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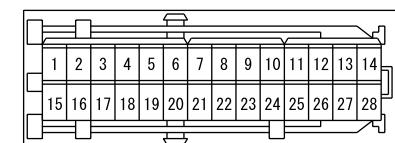
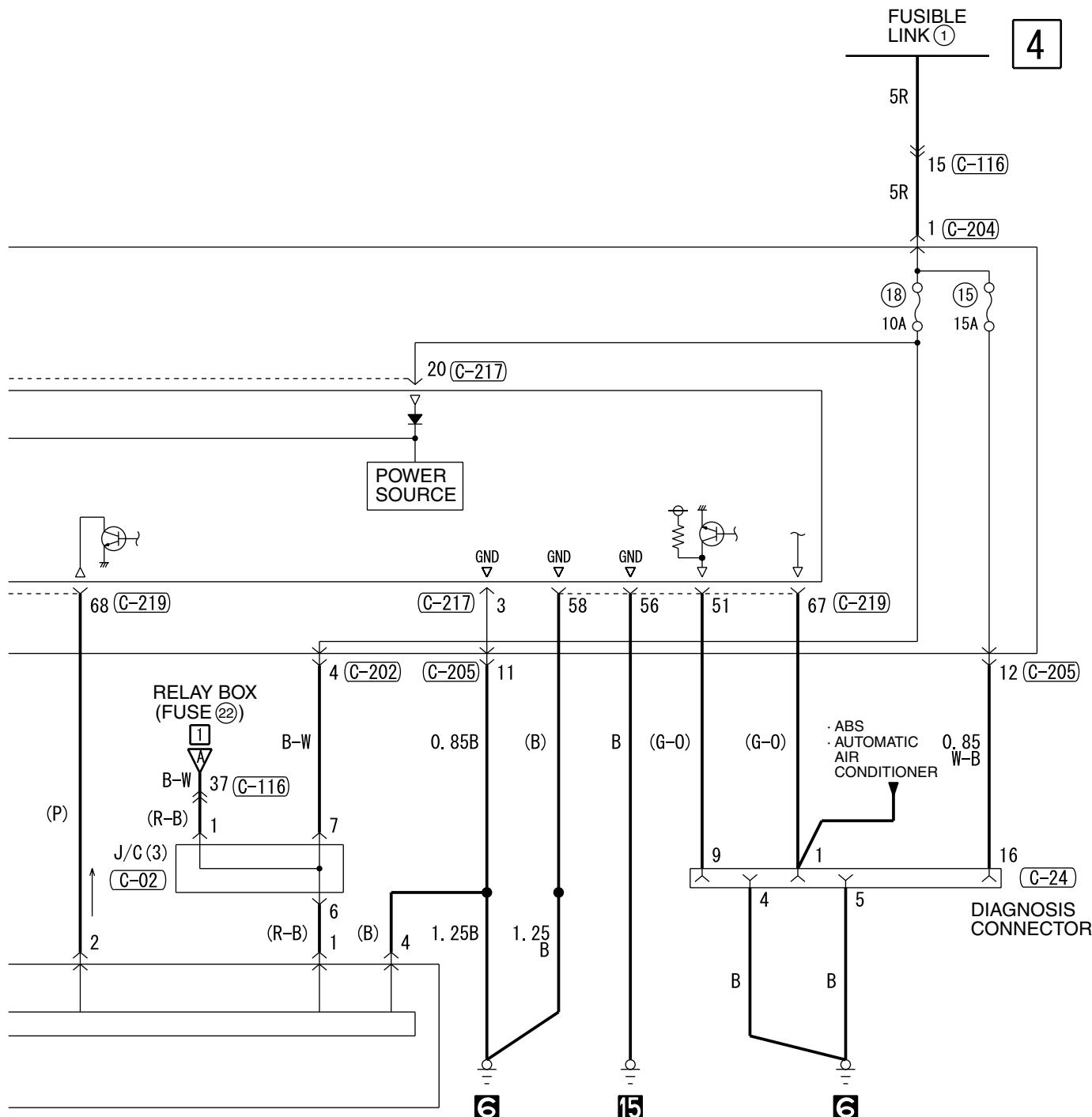
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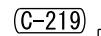
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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20



51	52	53	54	55	56	57	58	59
60	61	62	63	64	65	66	67	68
69	70	71			72	73	74	

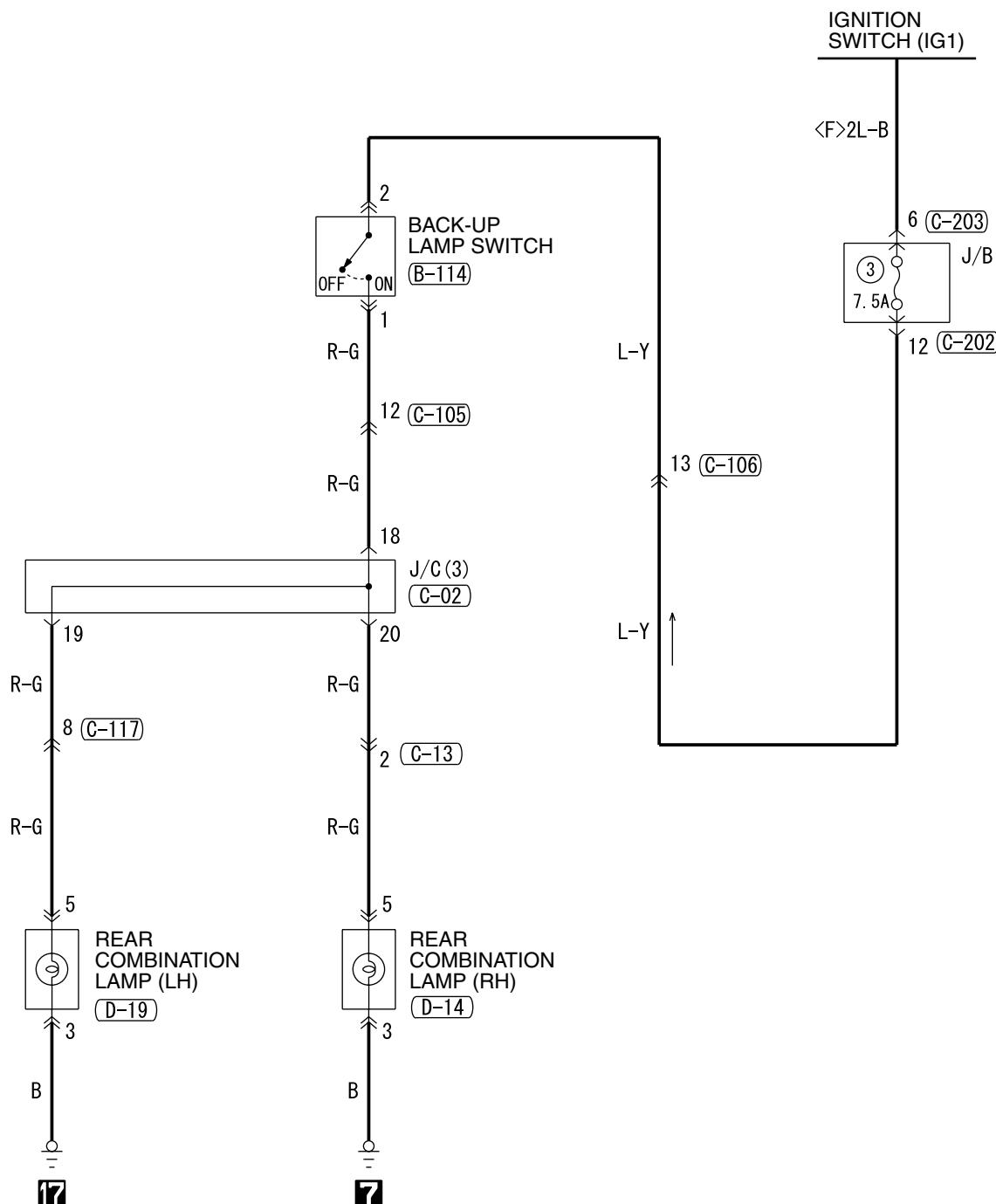
Wire colour code

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

## BACK-UP LAMP

M3030003100104

1



(B-114) MU802601

(C-02) MU801331

(C-13) MU801857

(C-105) MU803901

(C-106) MU801448

(C-117) MU801448

(C-202) MU801448

(C-203) MU801448

(D-14) MU801448

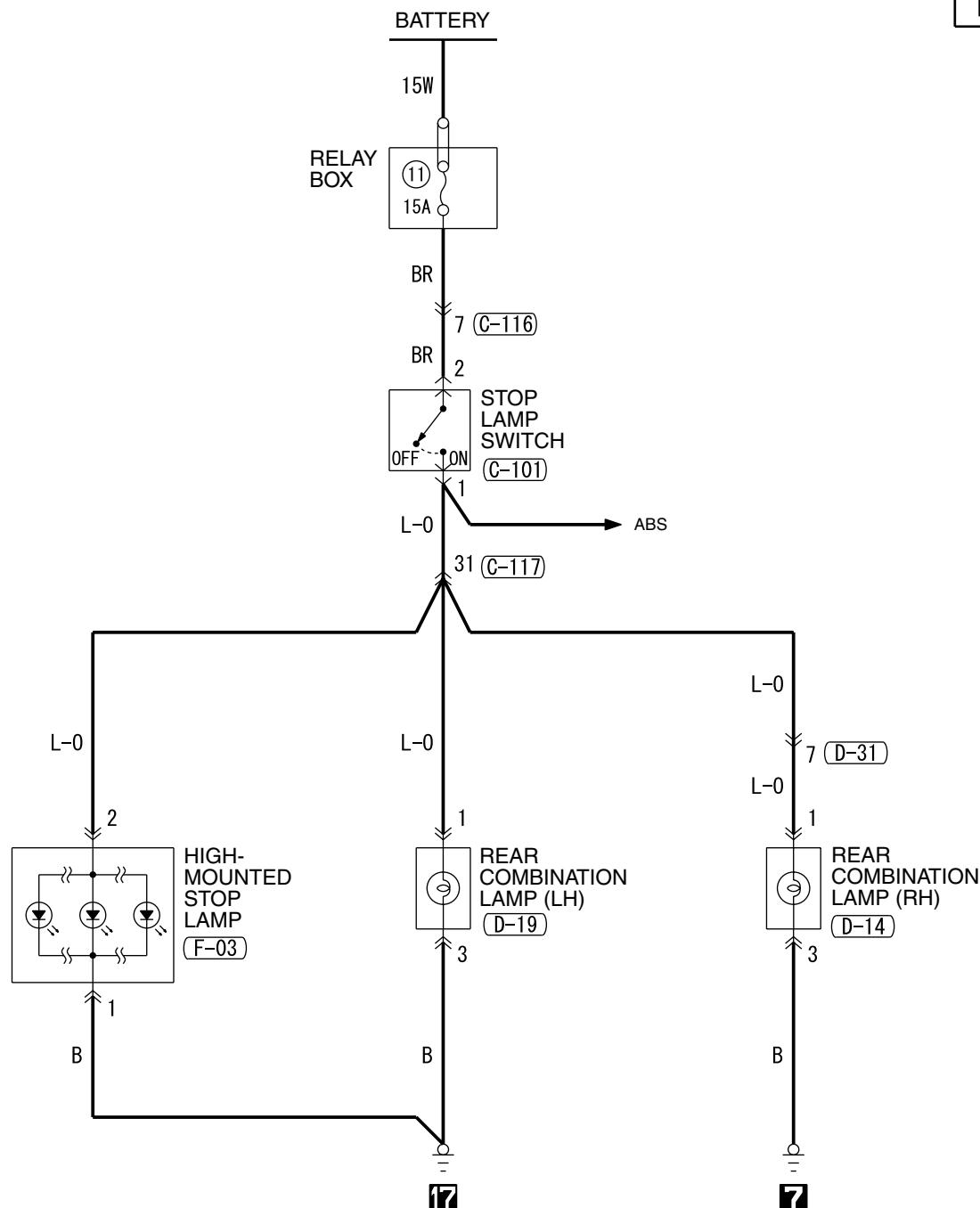
(D-19) MU801448

H3Z09E01AA

**STOP LAMP**

M3030003000259

1



(C-101)	MU801491
1 2 3 4	

(C-116)	MU801491
1 2 X 3 4 10 11 12 13 14 22 23 24 25 26 34 35 36 37	15 27 28 29 38 39 40 41 42 43

(C-117)	MU801448
5 6 X 7 8 9 16 17 18 19 20 21 26 27 28 29 32 33 34 35	1 2 3 X 4 5 6 7 8 9 10 X 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 30 31 36 37 38

(D-14)	MU801448
1 2 X 3 4 3 4 5 6	1 2 X 3 4 3 4 5 6

(D-19)	MU801448
1 2 X 3 4 3 4 5 6	1 2 X 3 4 3 4 5 6

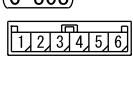
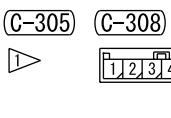
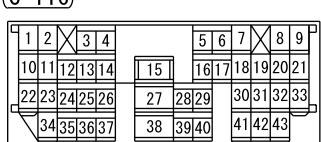
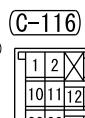
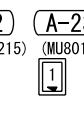
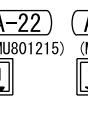
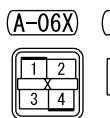
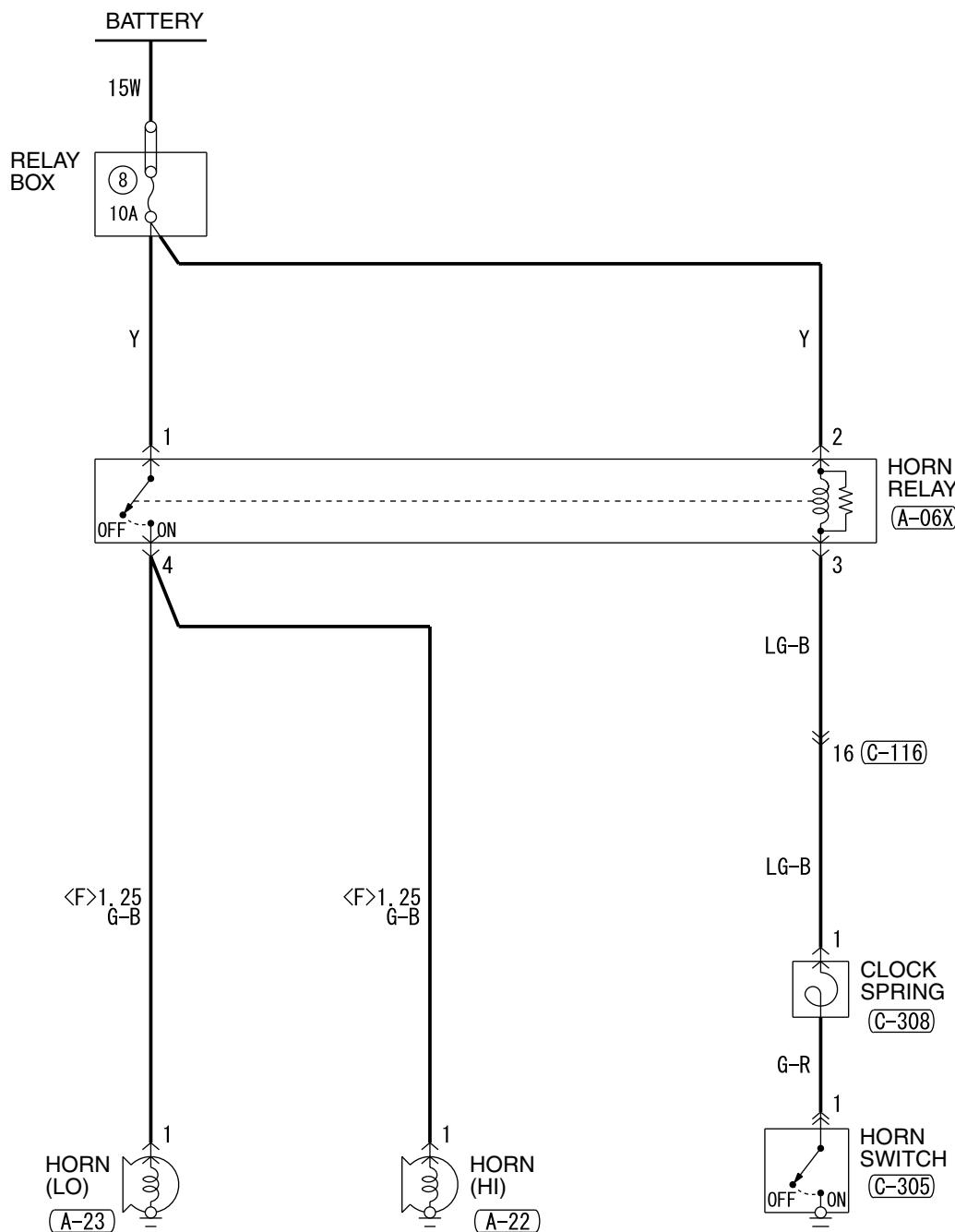
(D-31)	MU801448
1 2 X 3 4 3 4 5 6	1 2 X 3 4 3 4 5 6

(F-03)	MU801442
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## HORN

M3030003300238

1

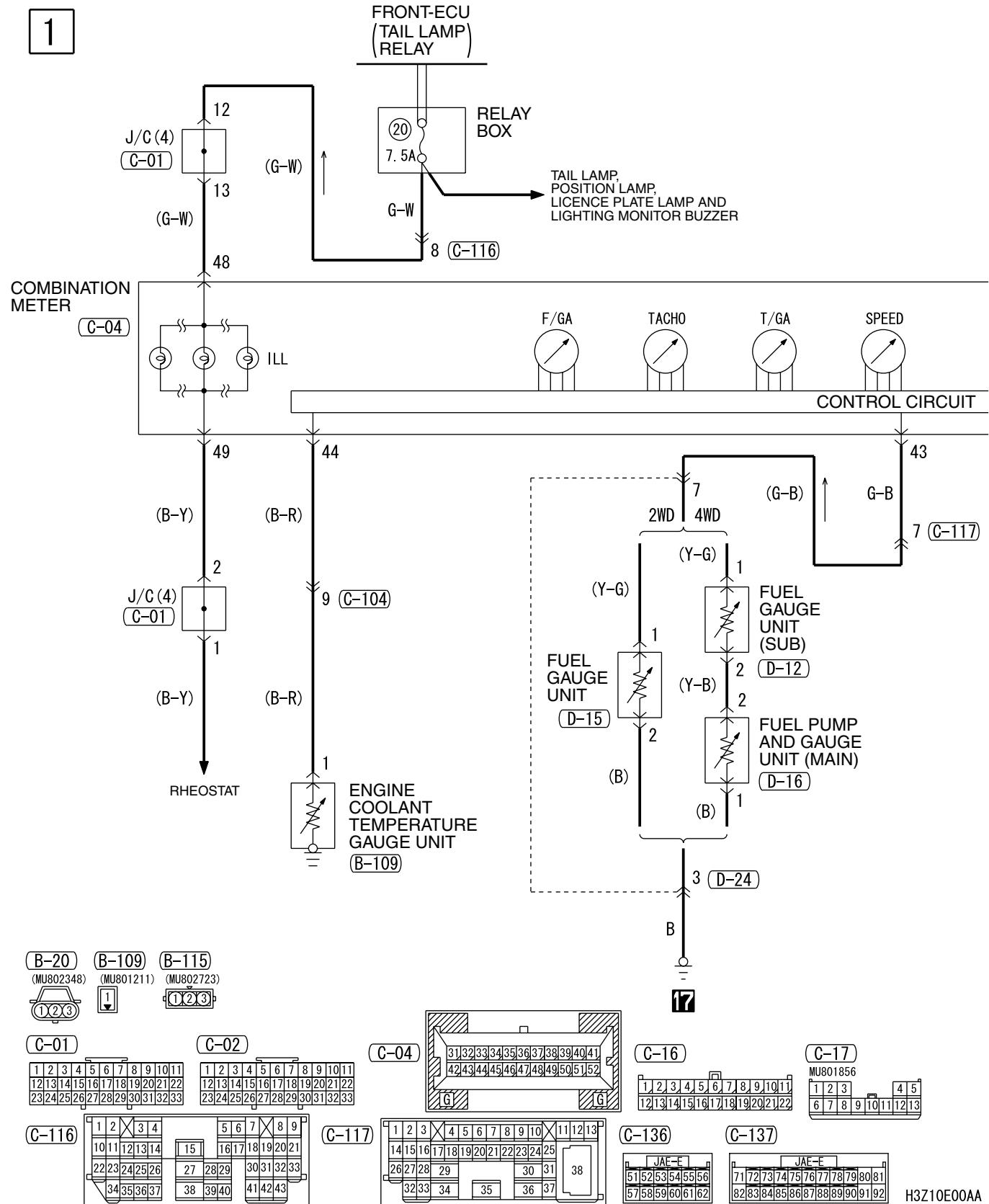


Wire colour code  
 B : Black      LG : Light green  
 G : Green      L : Blue  
 W : White      Y : Yellow  
 SB : Sky blue    BR : Brown  
 O : Orange      GR : Gray  
 R : Red          P : Pink      V : Violet

**NOTES**

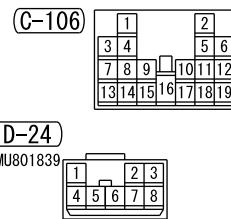
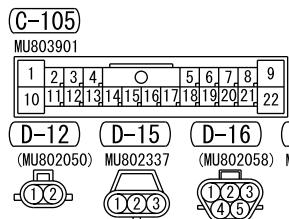
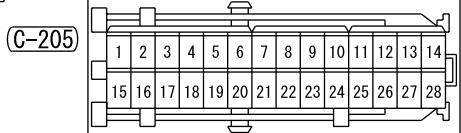
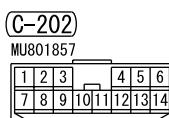
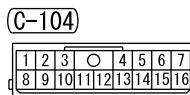
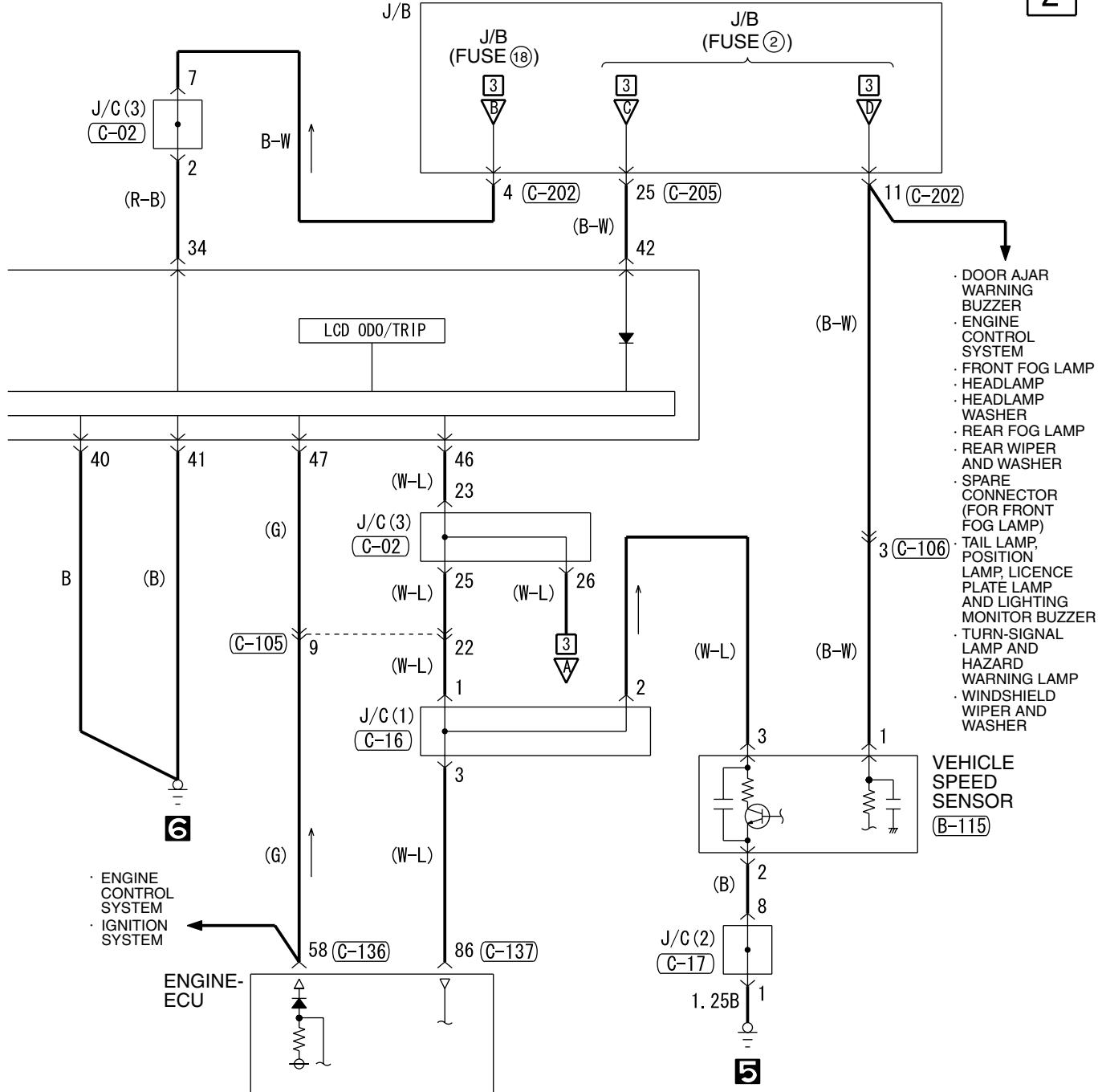
## METER AND GAUGE

M3030003500373



H3Z10E00AA

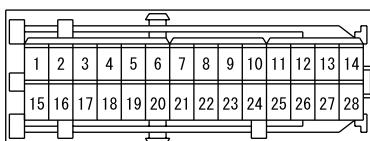
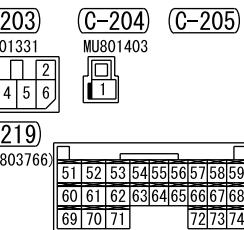
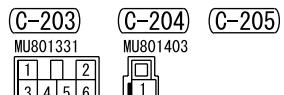
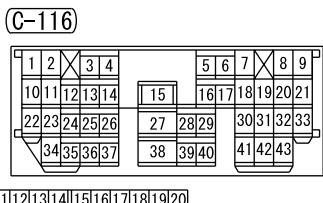
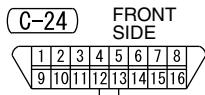
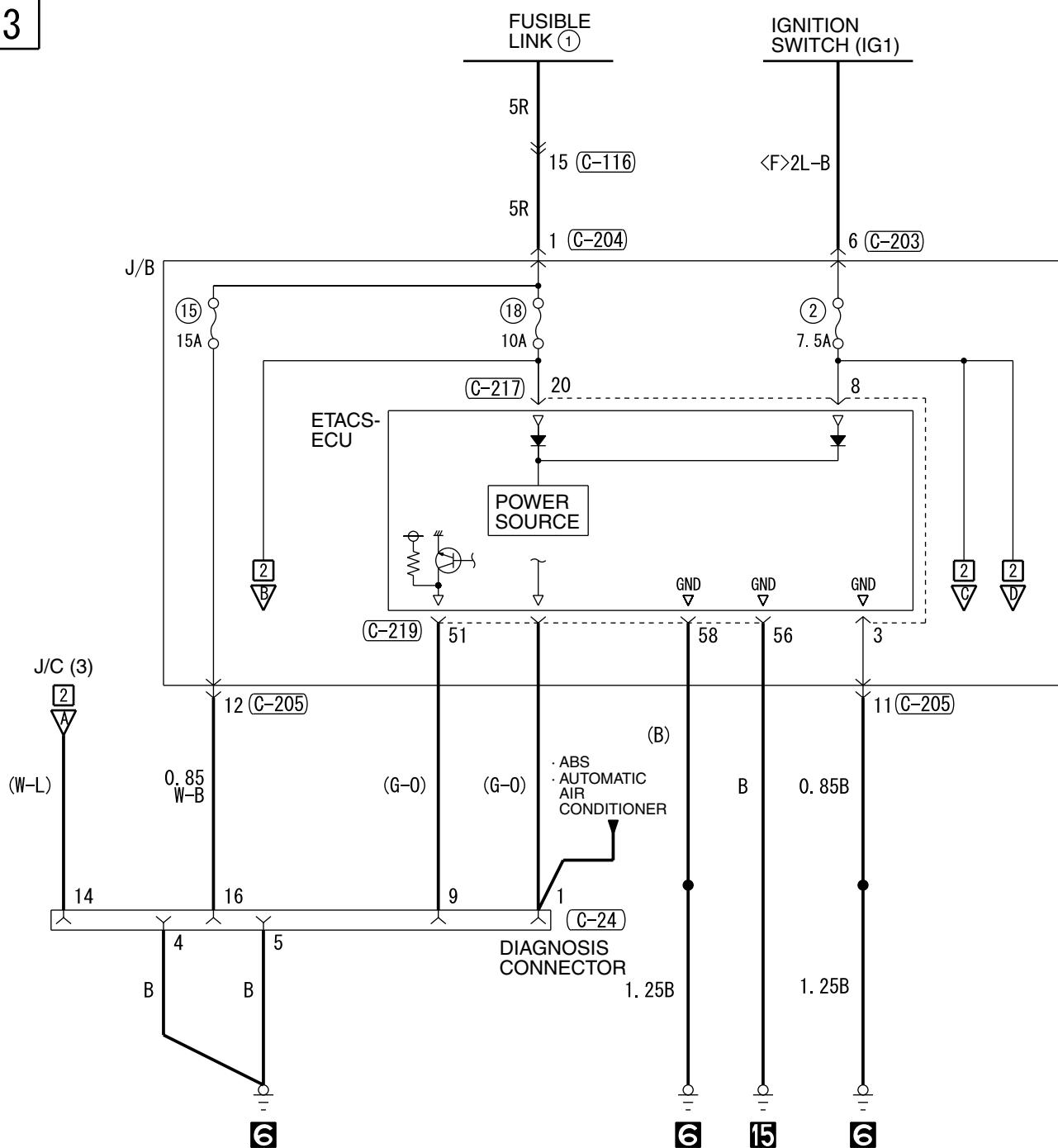
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H3Z10E00AB

## METER AND GAUGE (CONTINUED)

3

**C-217**

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

H3Z10E00BA

## METER AND GAUGE (See P. 3-76)

### OPERATION

#### <Fuel gauge>

- When the ignition switch is at the "ON" position, the fuel gauge is activated.
- When there is much fuel, the unit's resistance is small and the current flowing in the circuit is great, so the gauge's indicator indicates in the "Full" area.
- When there is little fuel, the unit's resistance is high and the current flowing in the circuit is small, so the gauge's indicator indicates in the "Empty" area.

#### <Engine coolant temperature gauge>

- When the ignition switch is at the "ON" position, the engine coolant temperature gauge is activated.
- When the engine coolant temperature is high, the unit's resistance is low and there is a great flow of current in the circuit, so the gauge's indicator indicates in the "H" area.
- When the engine coolant temperature is low, the unit's resistance is high and there is a small flow of current in the circuit, so the gauge's indicator indicates in the "C" area.

### TROUBLESHOOTING HINTS

1. Fuel gauge does not operate, or registers incorrectly.

#### <2WD>

- The fuel gauge indicates "F" when the fuel gauge unit connector is disconnected and the "2" terminal is earthed.
- Check fuel gauge.

#### <4WD>

- The fuel gauge indicates "F" when the fuel gauge unit (main) connector is disconnected and the "1" terminal is earthed.
- Check fuel gauge.

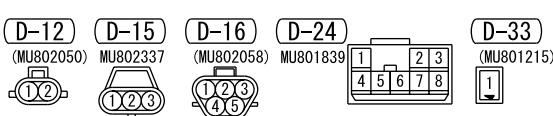
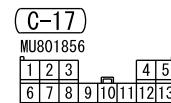
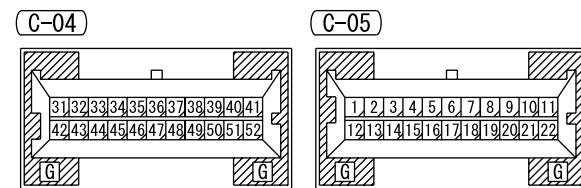
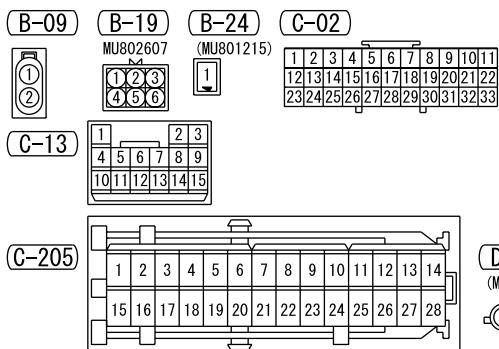
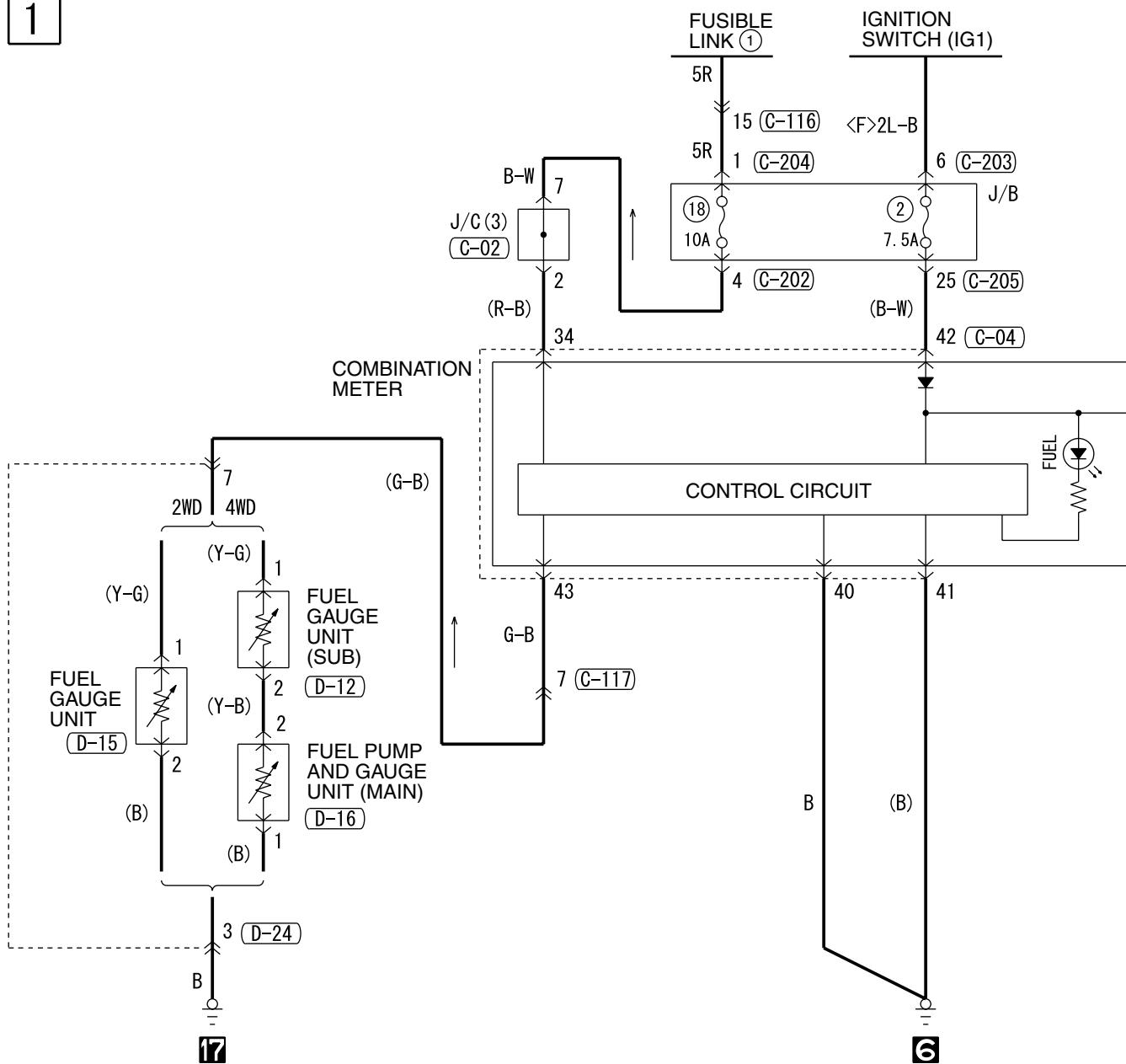
2. Engine coolant temperature gauge does not operate, or registers incorrectly.

- When the engine coolant temperature gauge is earthed with its connector unplugged, it registers "H".
- Check engine coolant temperature gauge unit.

# FUEL WARNING LAMP, OIL PRESSURE WARNING LAMP AND BRAKE WARNING LAMP

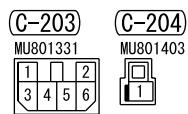
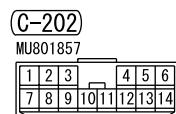
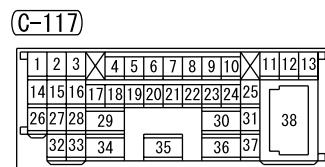
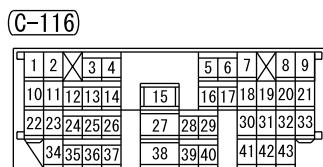
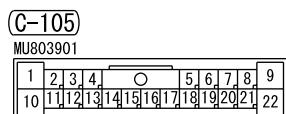
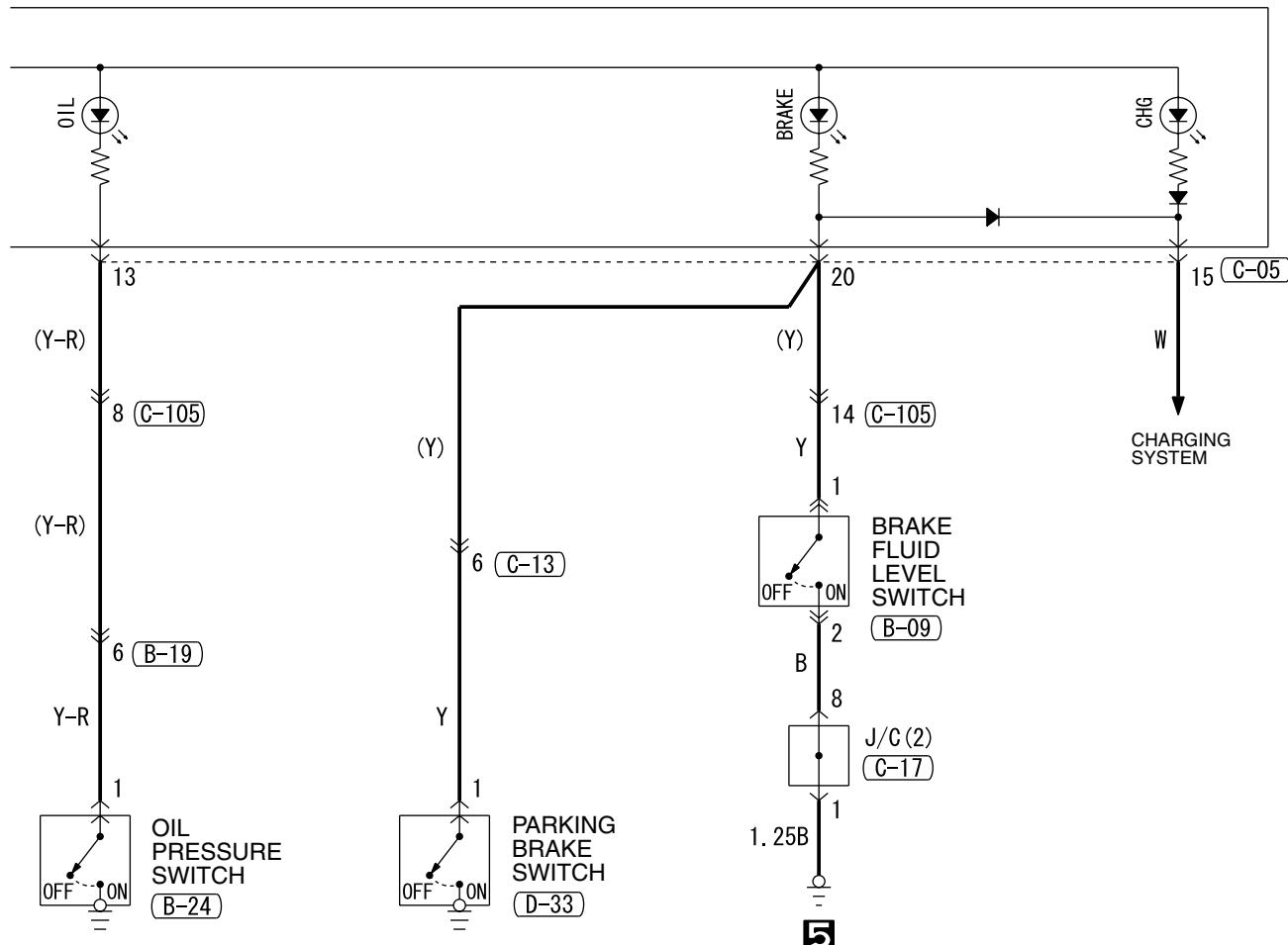
M3030011800249

1



H3Z10E01AA

2



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

H3Z10E01AB

**FUEL WARNING LAMP (See P. 3-80) OIL  
PRESSURE WARNING LAMP (See P. 3-80)  
BRAKE WARNING LAMP (See P. 3-80)****OPERATION****<Fuel warning lamp>**

- When the ignition switch is at the "ON" position, the fuel gauge unit resistance is small when the fuel level is high, and the fuel gauge unit resistance is large when the fuel level is low. When this resistance rises above a specified value, the fuel warning lamp illuminates to notify the driver that the fuel level is low.

**<Oil pressure warning lamp>**

- When the lubrication system fails after engine starting, resulting in the oil pressure failing to build up, the oil pressure switch turns on causing the oil pressure warning lamp to illuminate.

**<Brake warning lamp>**

- When the brake fluid level goes down below a predetermined level with the ignition switch in the "ON" position, the brake fluid level sensor is activated or the parking brake switch is turned on, causing the brake warning lamp to illuminate.

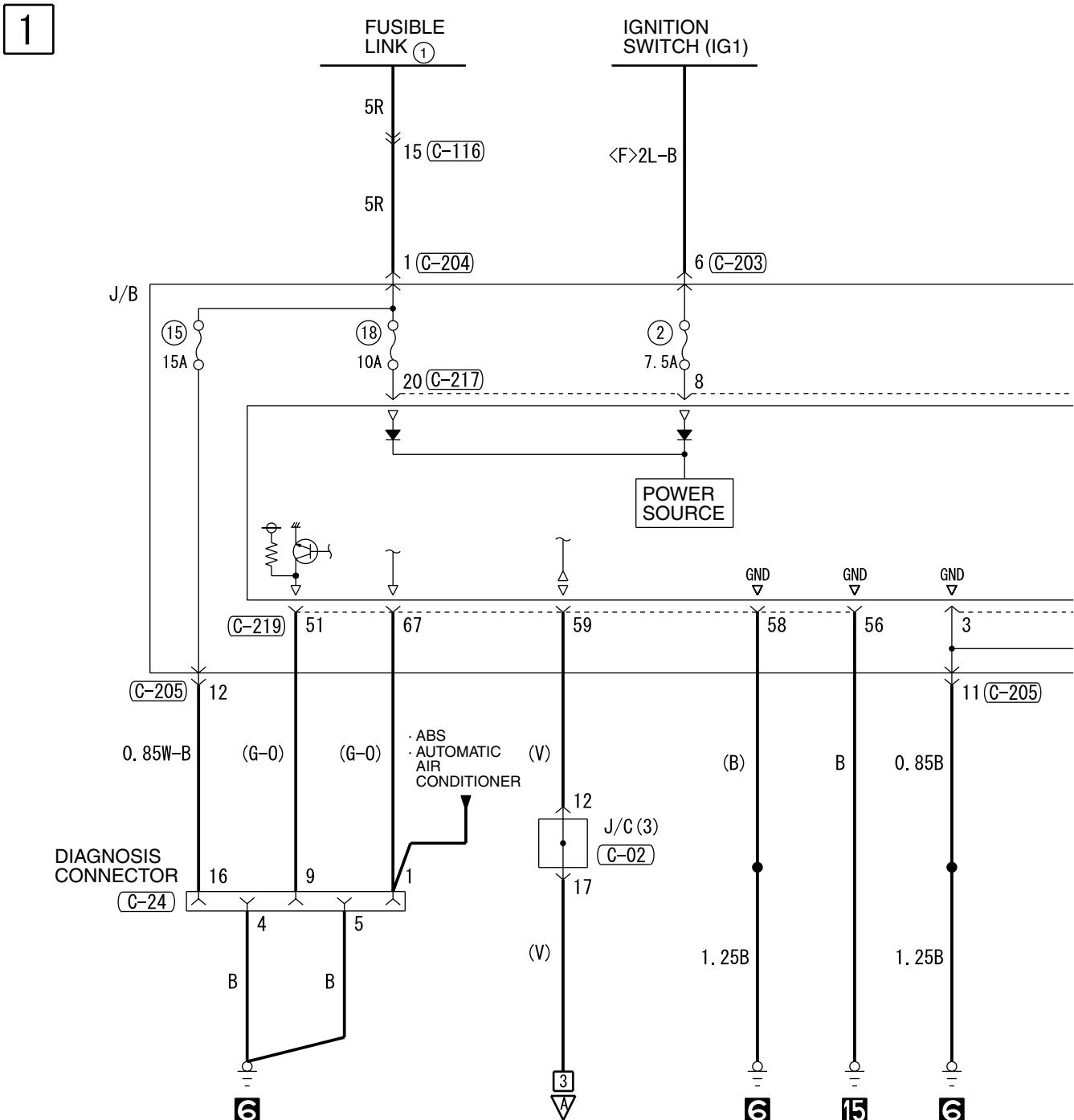
**TROUBLESHOOTING HINTS**

1. No warning lamps illuminate.
  - Check fuse No. (2) (passenger compartment).
2. Some warning lamps do not illuminate.
  - Check lamp valve.
  - Check the switches and the gauge unit.

**NOTES**

## **POWER WINDOWS**

M3030004600276



C-02									
1	2	3	4	5	6	7	8	9	10 11
12	13	14	15	16	17	18	19	20	21 22
23	24	25	26	27	28	29	30	31	32 33

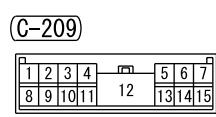
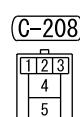
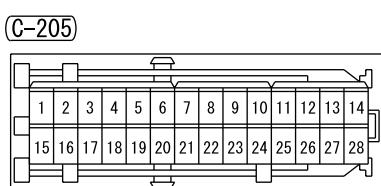
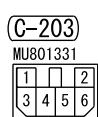
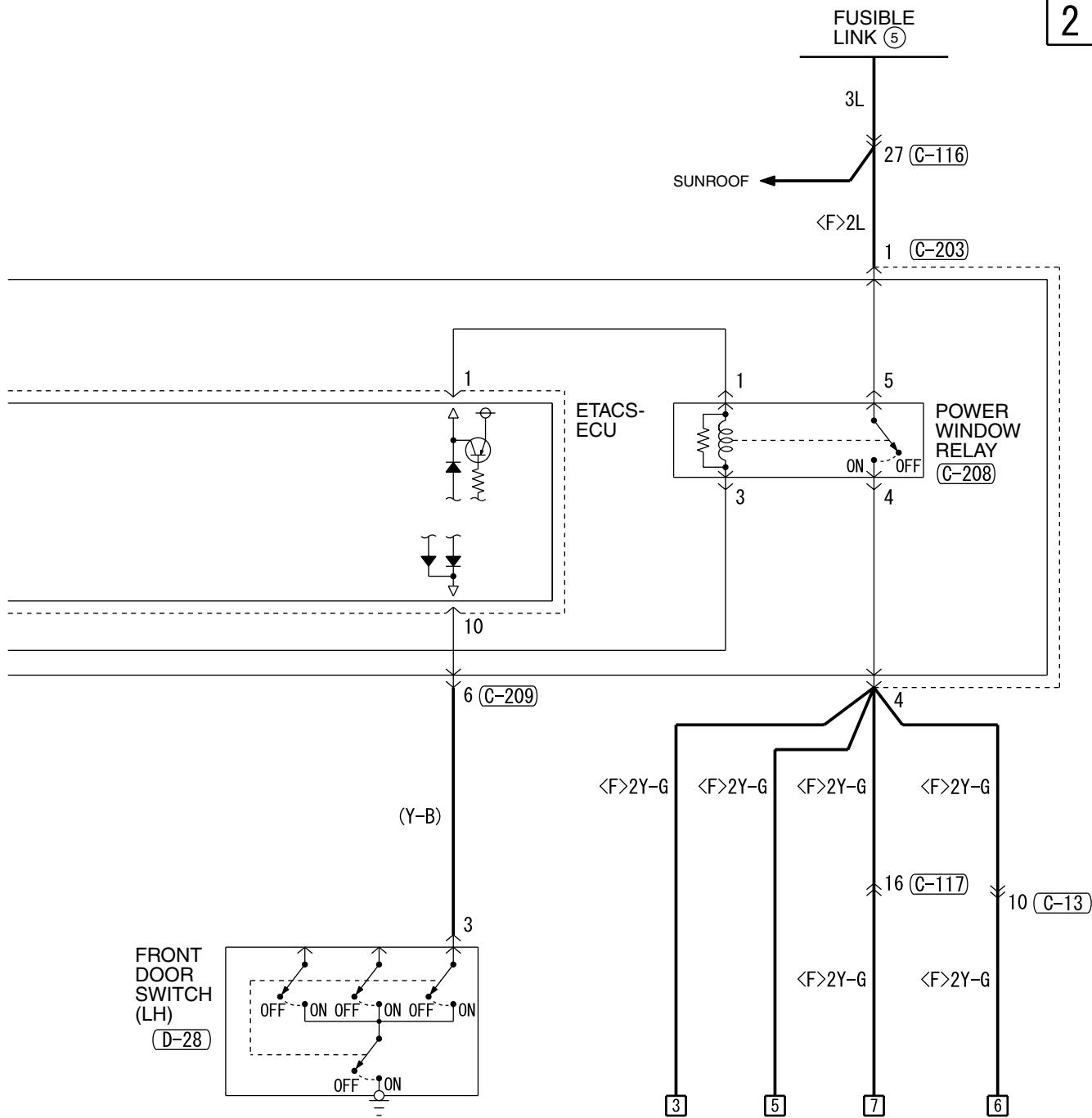
C-13

C-24 FRONT SIDE

C-116													
1	2	X	4	5	6	7	X	8	9				
10	11	12	13	14	15	16	17	18	19	20	21		
22	23	24	25	26	27	28	29	30	31	32	33		
34	35	36	37	38	39	40		41	42	43			

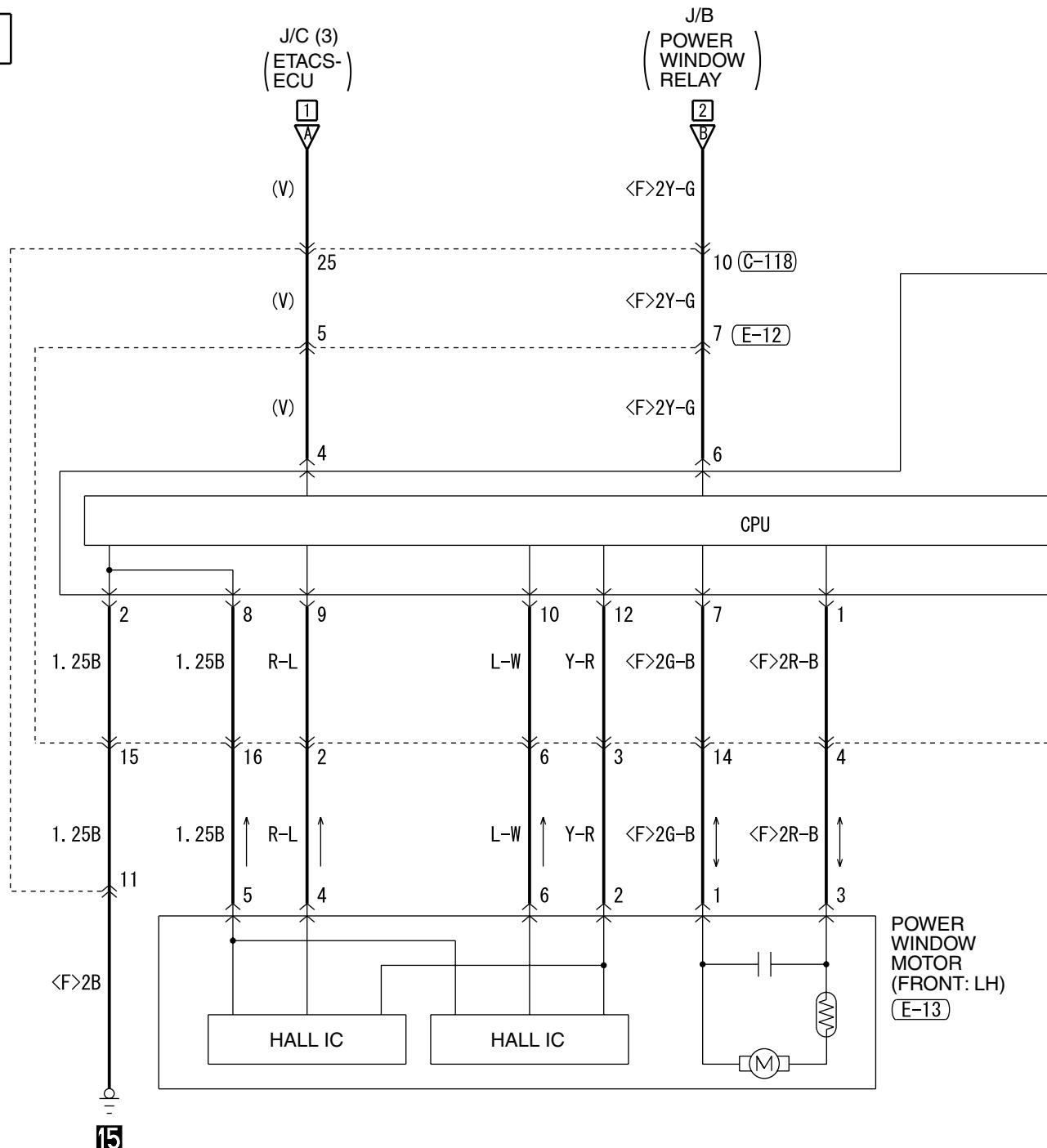
C-117											
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26	27	28	29						30	31	
32	33	34		35				36	37		38

2

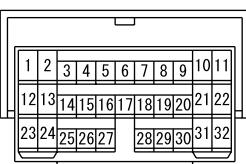
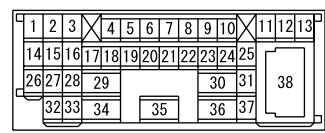
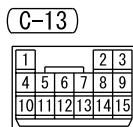


## **POWER WINDOWS (CONTINUED)**

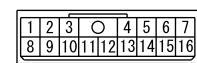
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15



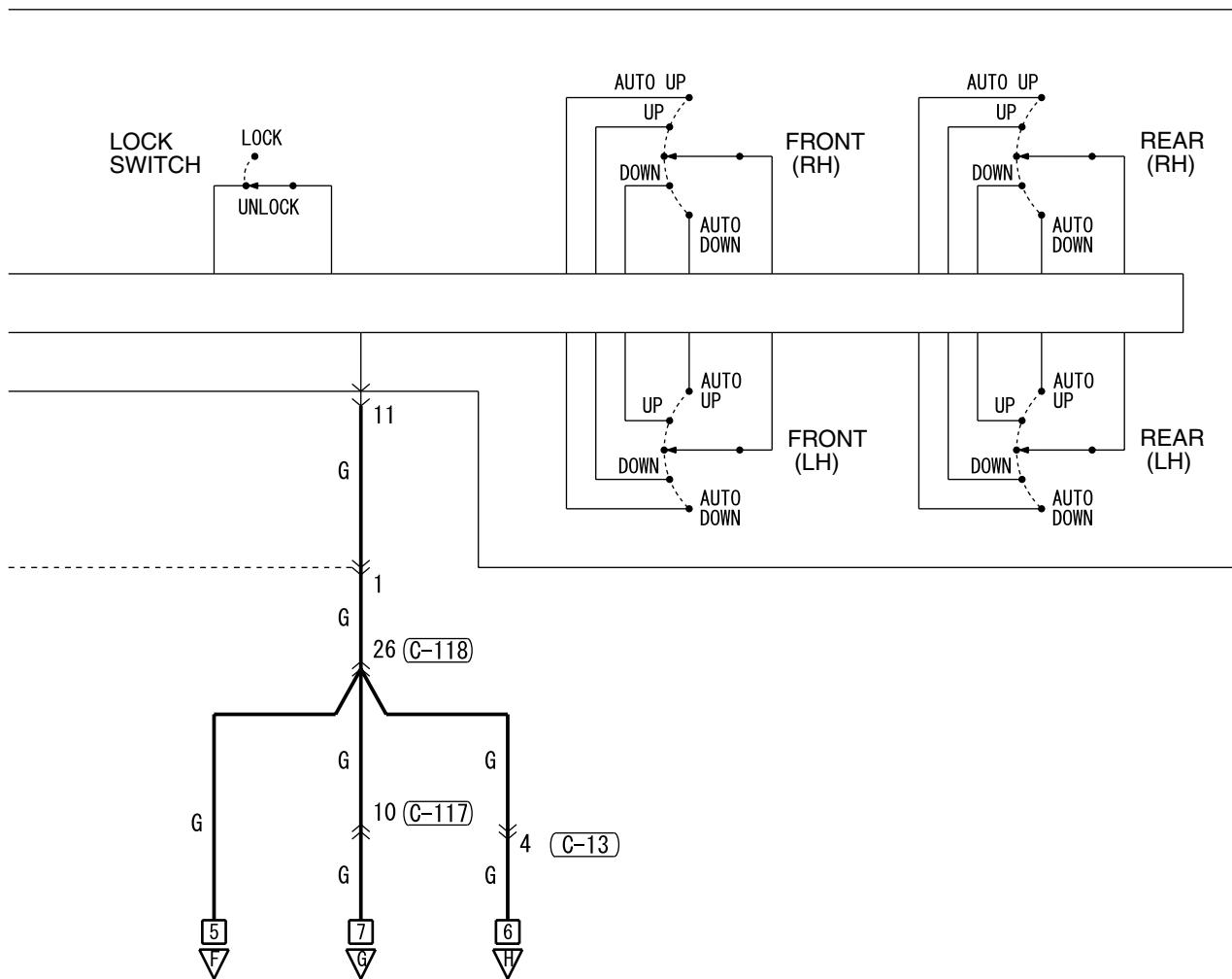
MU801857



(MU802758)

4

POWER WINDOW  
MAIN SWITCH (E-05)



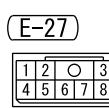
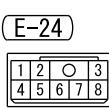
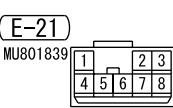
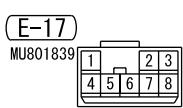
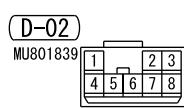
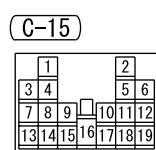
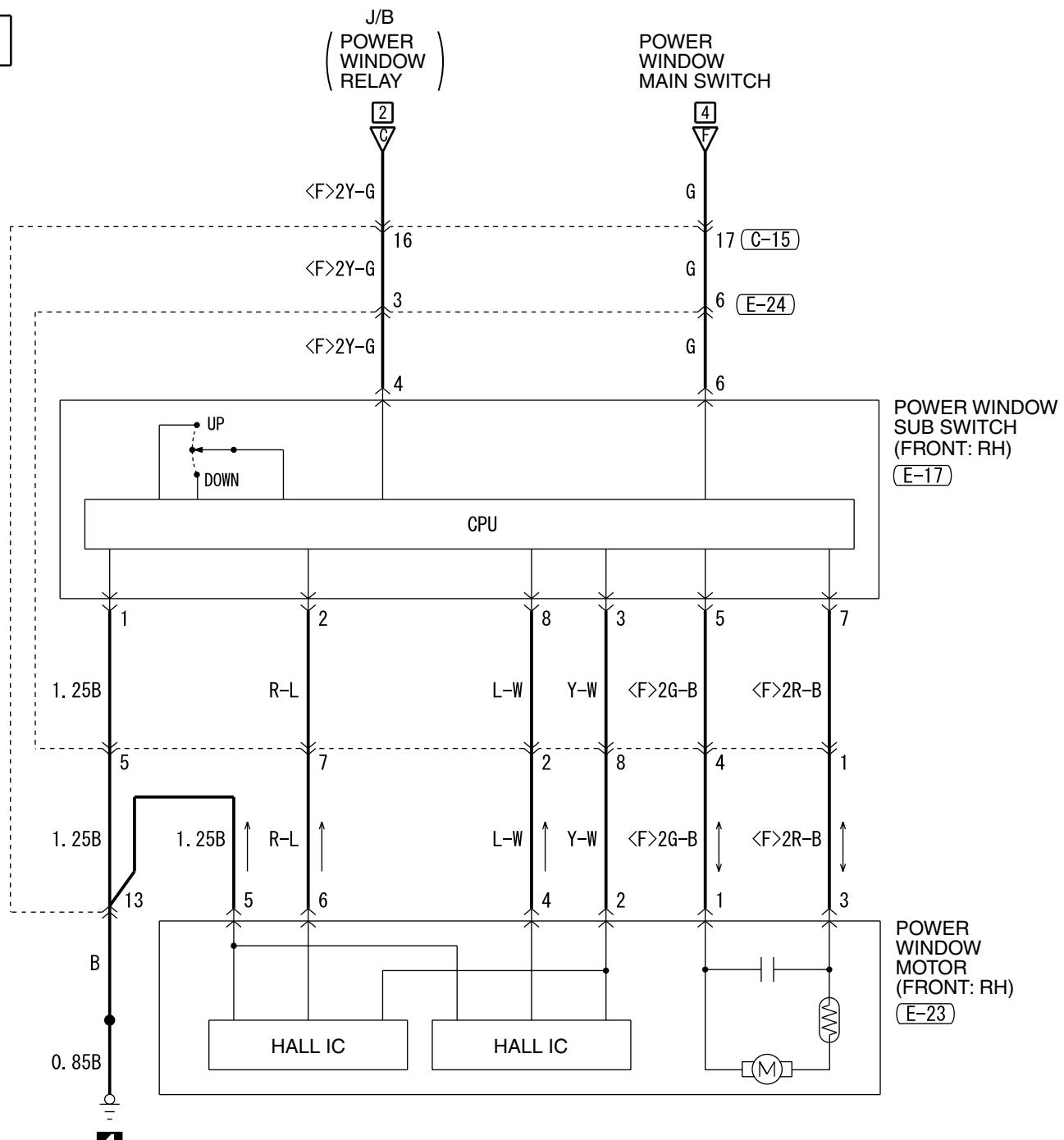
Wire colour code

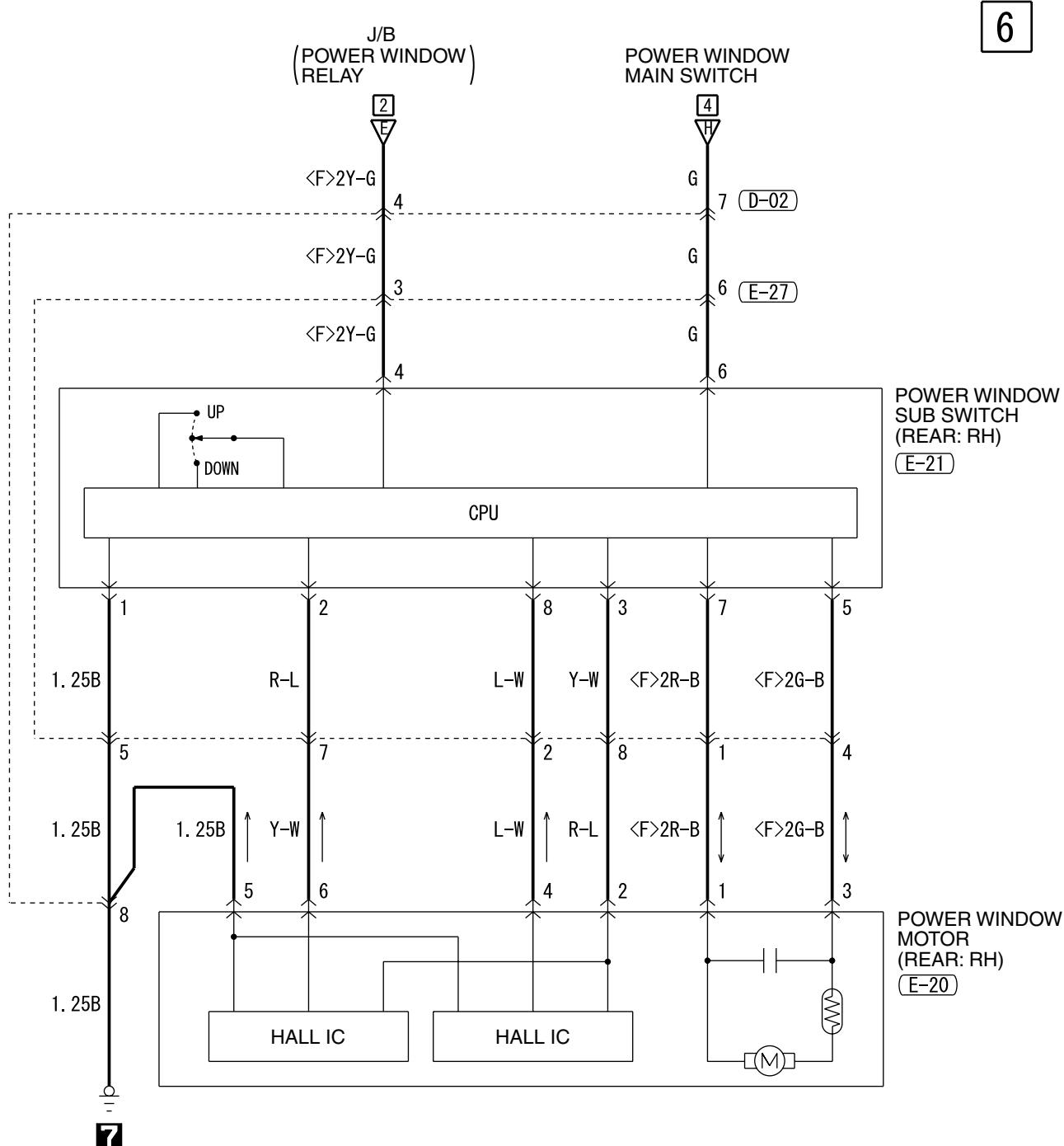
B : Black    LG : Light green    G : Green    L : Blue    W : White    Y : Yellow    SB : Sky blue  
 BR : Brown    O : Orange    GR : Gray    R : Red    P : Pink    V : Violet

H3Z11E00BB

## POWER WINDOWS (CONTINUED)

5



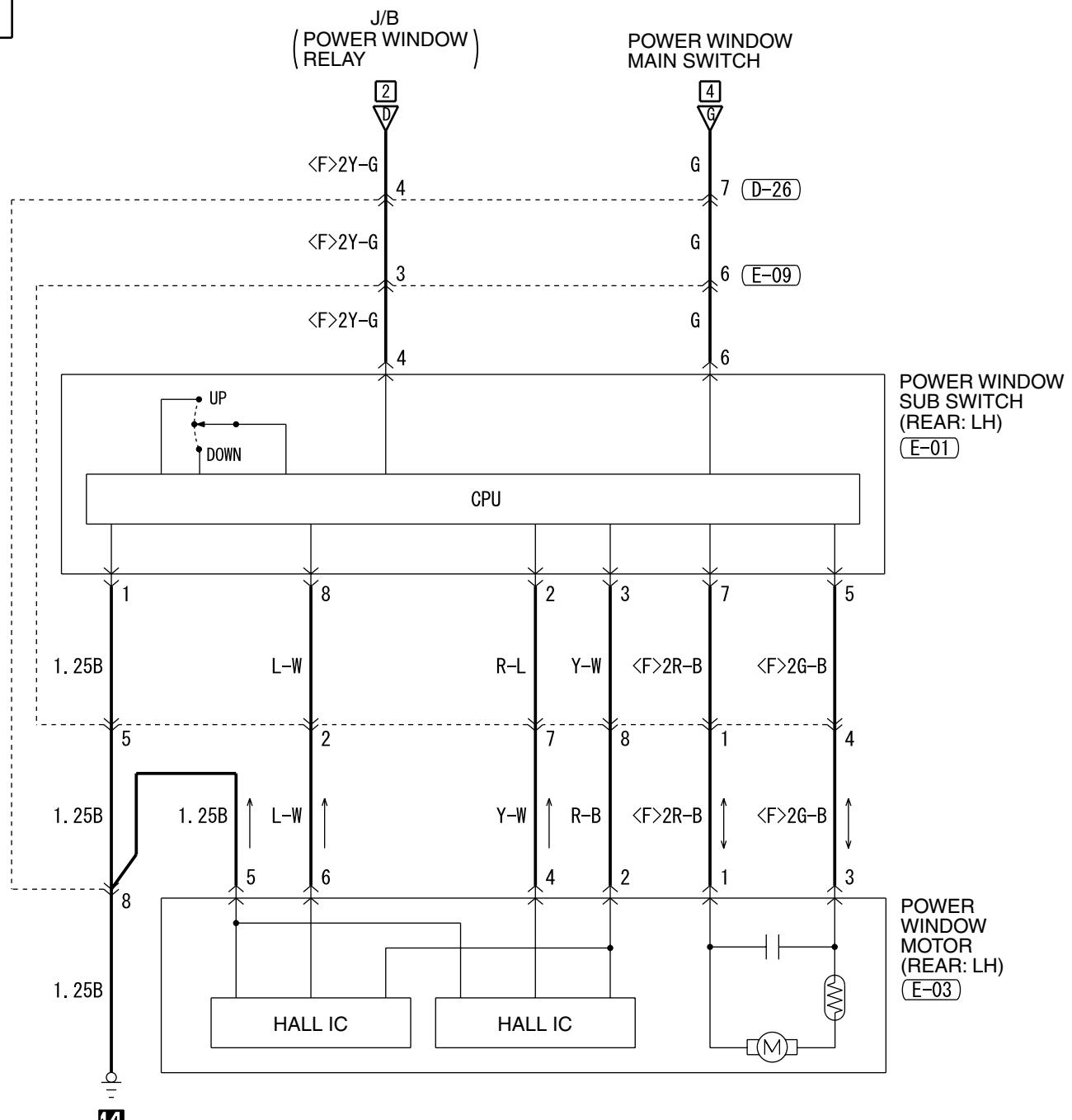


Wire colour code

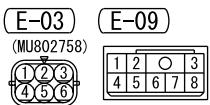
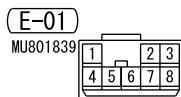
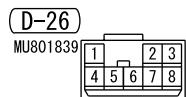
B : Black    LG : Light green    G : Green    L : Blue    W : White    Y : Yellow    SB : Sky blue  
 BR : Brown    O : Orange    GR : Gray    R : Red    P : Pink    V : Violet

## POWER WINDOWS (CONTINUED)

7



14



## Wire colour code

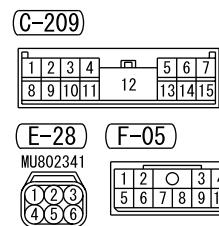
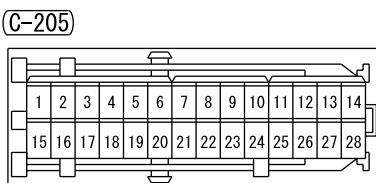
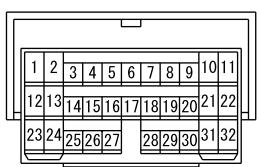
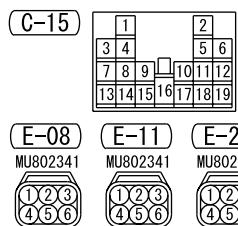
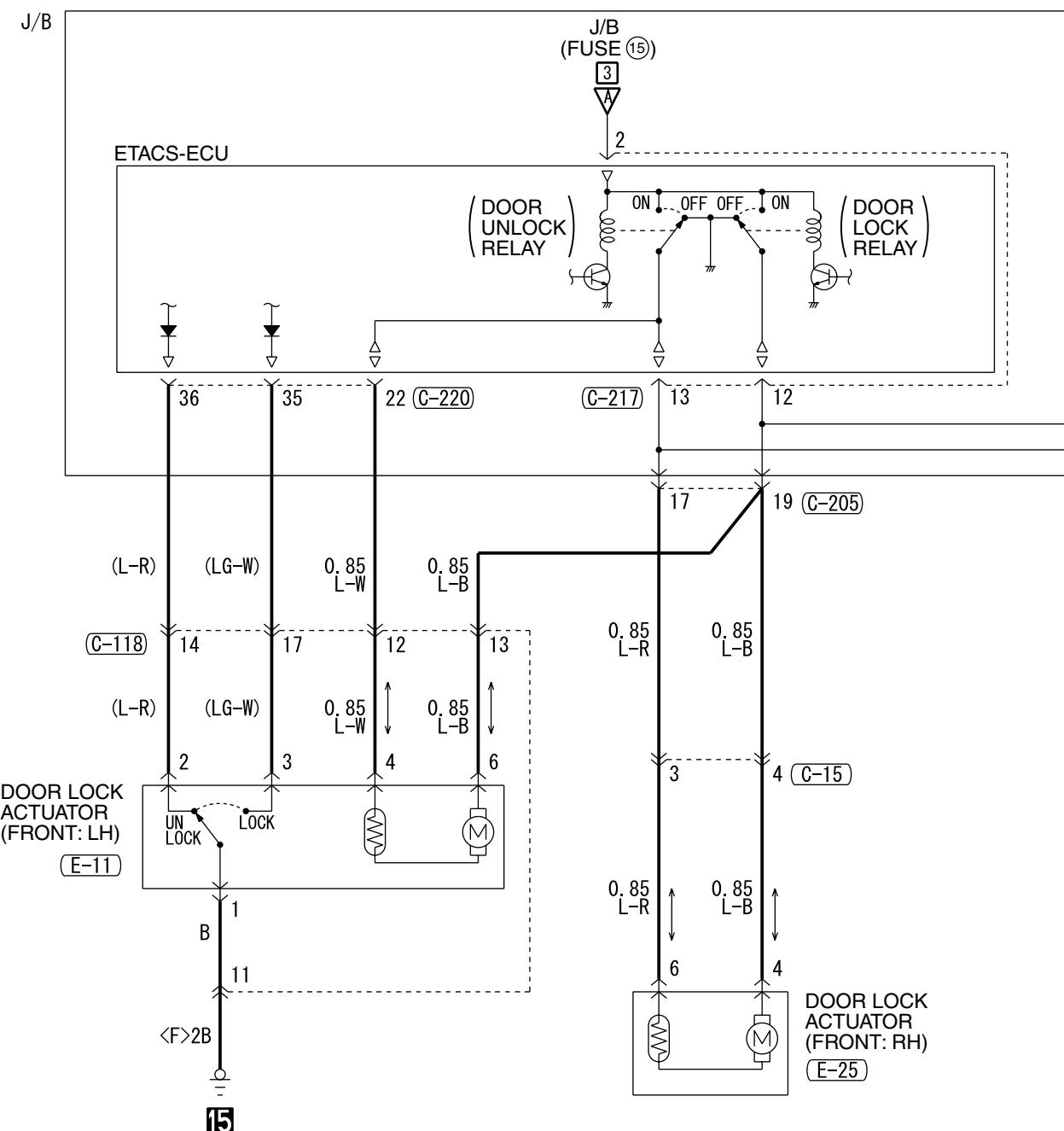
B : Black    LG : Light green    G : Green    L : Blue    W : White    Y : Yellow    SB : Sky blue  
 BR : Brown    O : Orange    GR : Gray    R : Red    P : Pink    V : Violet

**NOTES**

**CENTRAL DOOR LOCKING SYSTEM**  
**VEHICLES WITHOUT KEYLESS ENTRY SYSTEM**

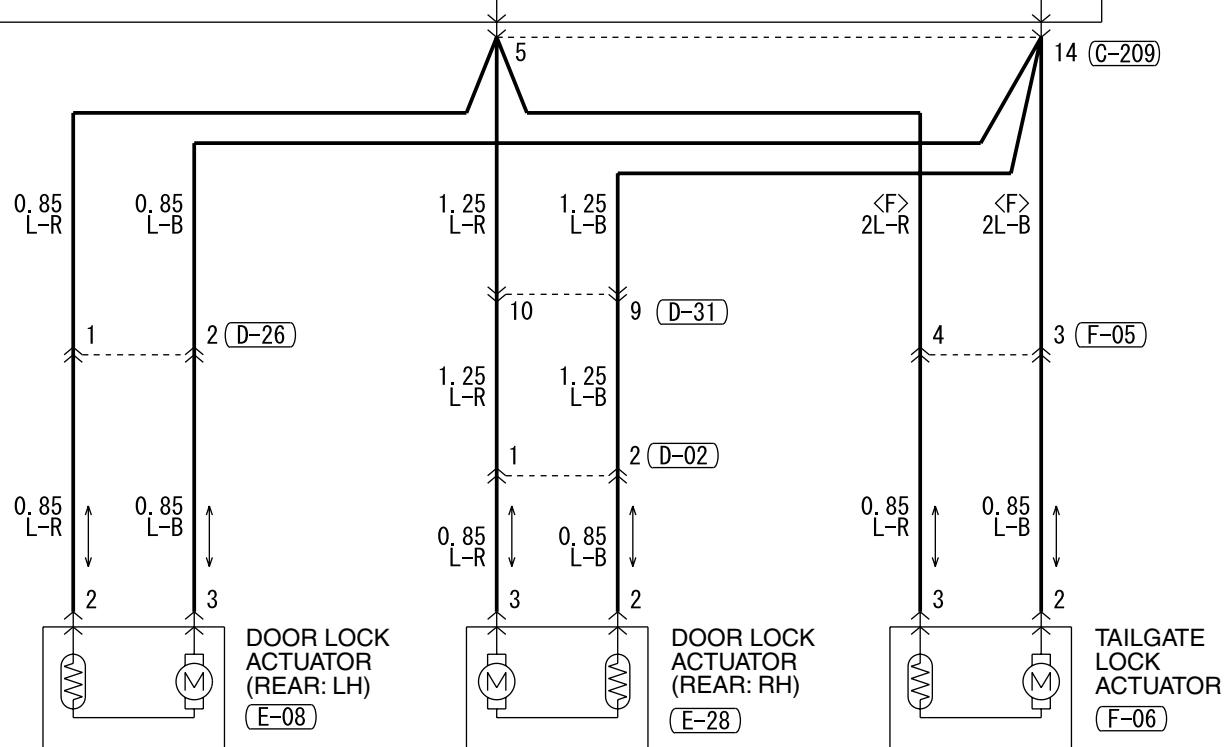
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H3Z11E01AA

2



**(F-06)**

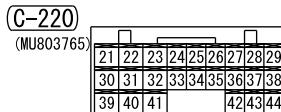
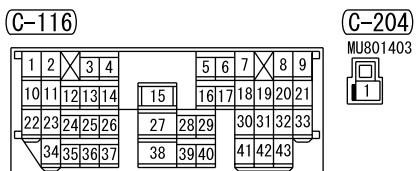
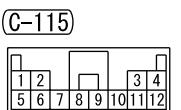
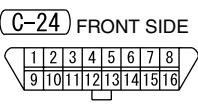
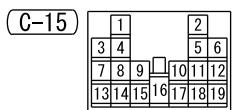
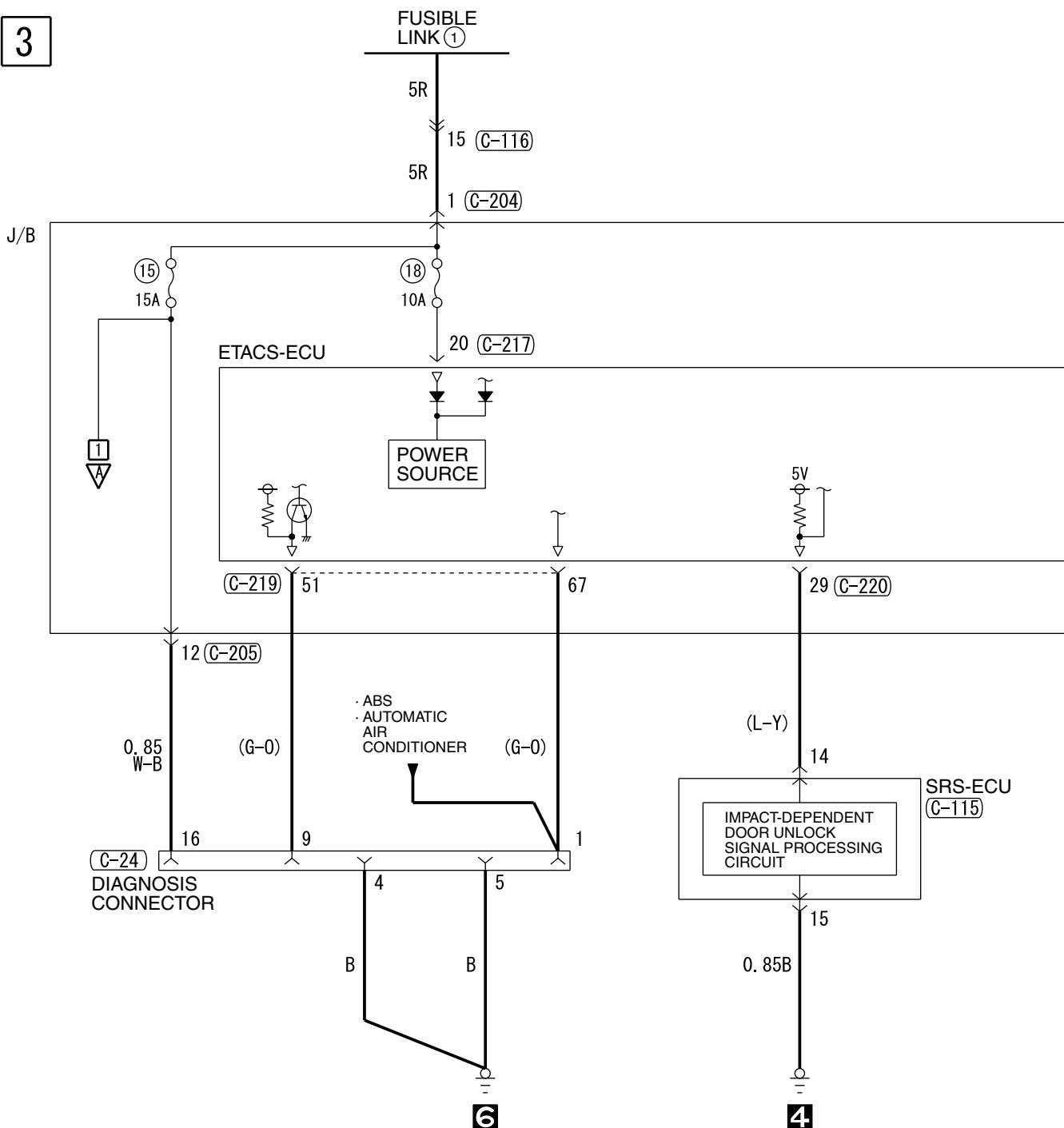


Wire colour code

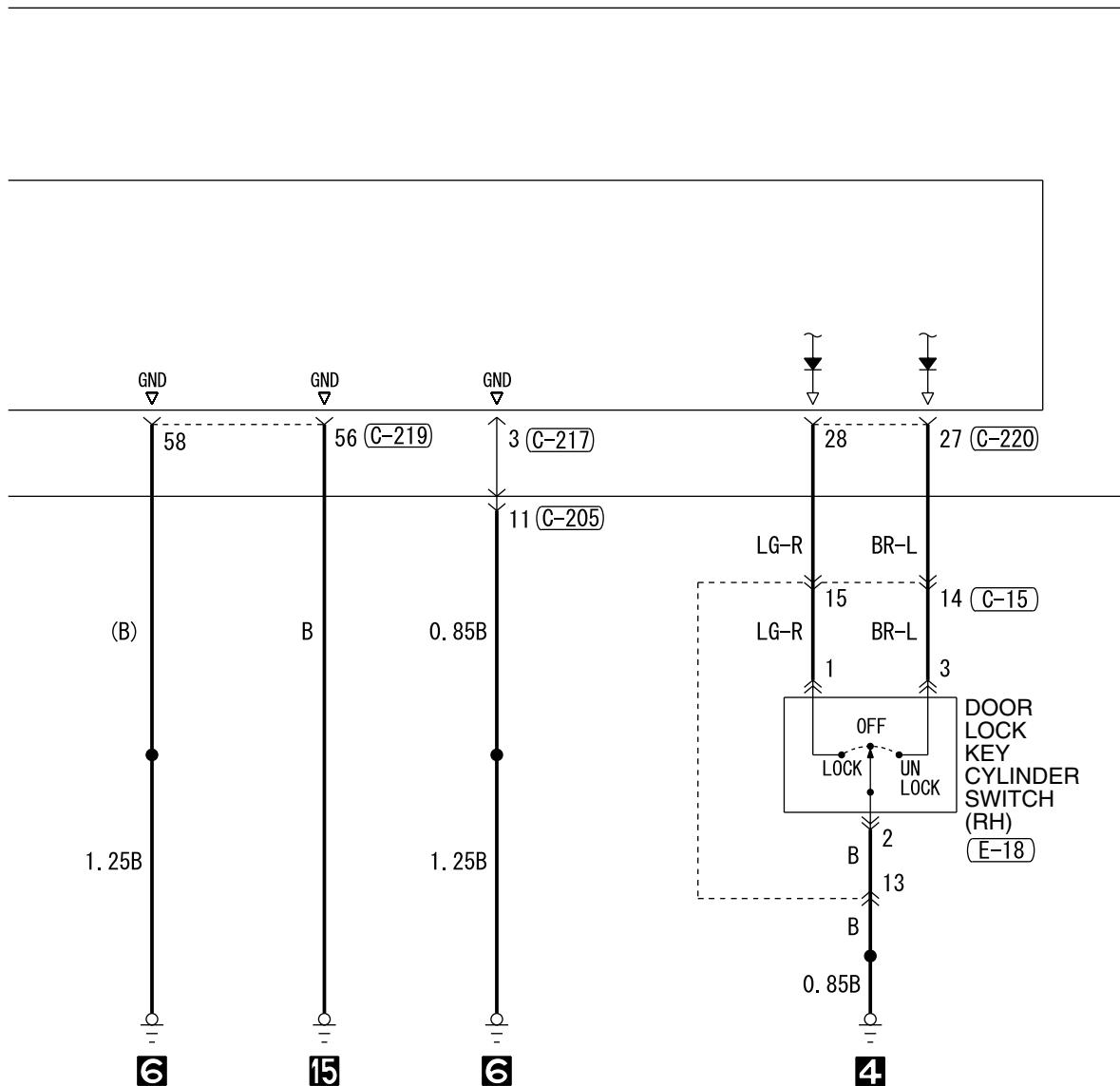
B : Black	LG : Light green	G : Green	L : Blue	W : White	Y : Yellow	SB : Sky blue
BR : Brown	O : Orange	GR : Gray	R : Red	P : Pink	V : Violet	

**CENTRAL DOOR LOCKING SYSTEM <Vehicles without keyless entry system> (CONTINUED)**

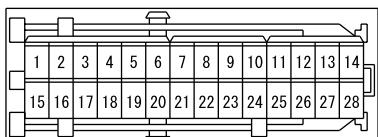
3



4



(C-205)



(C-217)

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

(C-219)

51	52	53	54	55	56	57	58	59
60	61	62	63	64	65	66	67	68
69	70	71	72	73	74			

(MU803766)

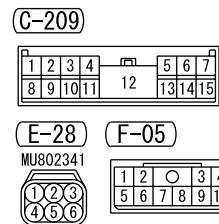
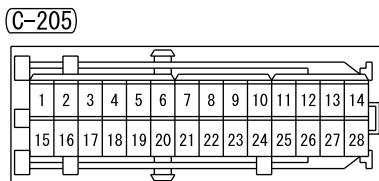
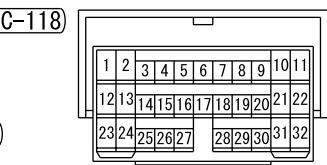
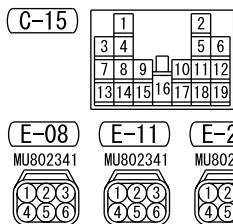
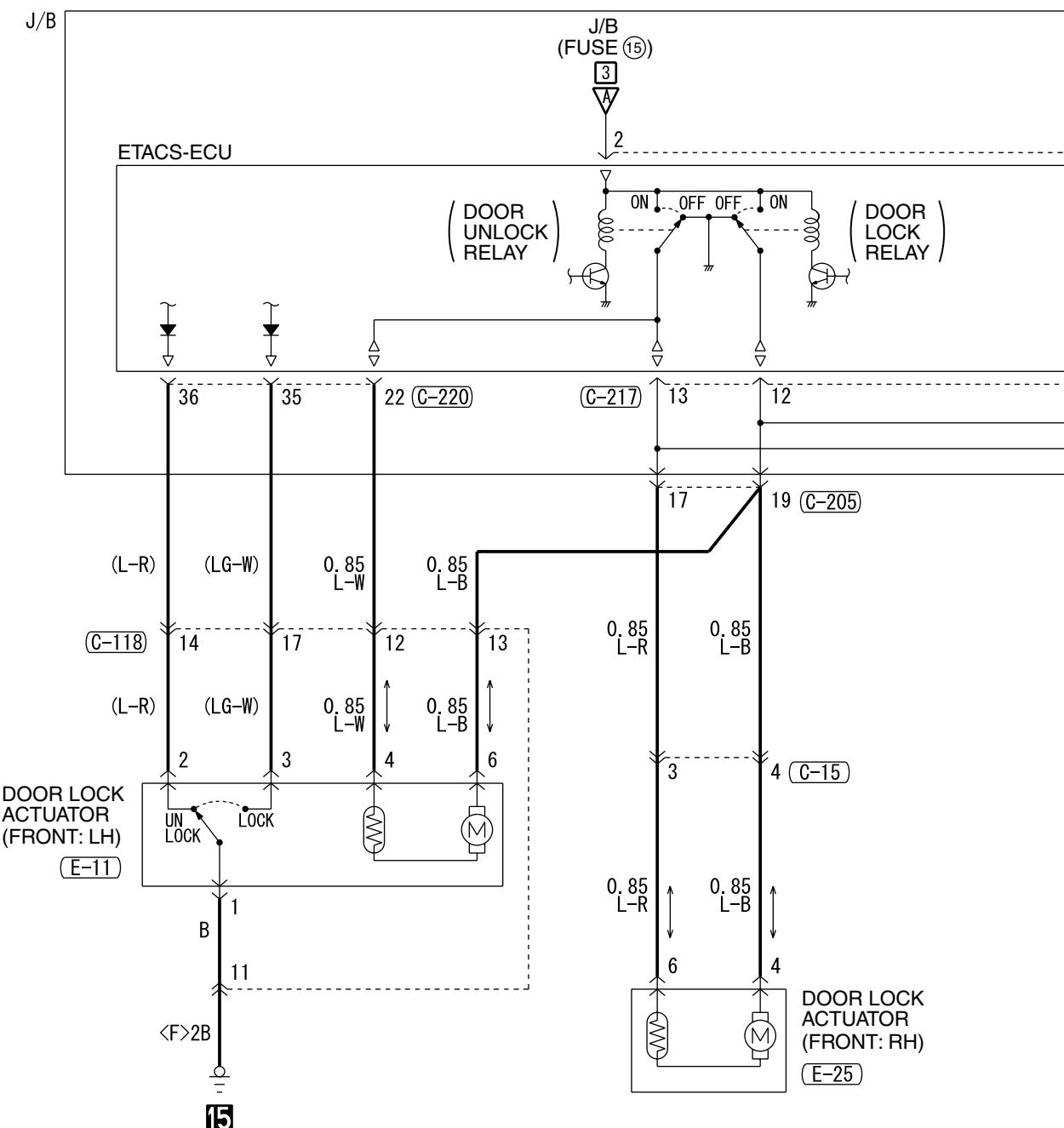
Wire colour code

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

**CENTRAL DOOR LOCKING SYSTEM**  
**VEHICLES WITH KEYLESS ENTRY SYSTEM**

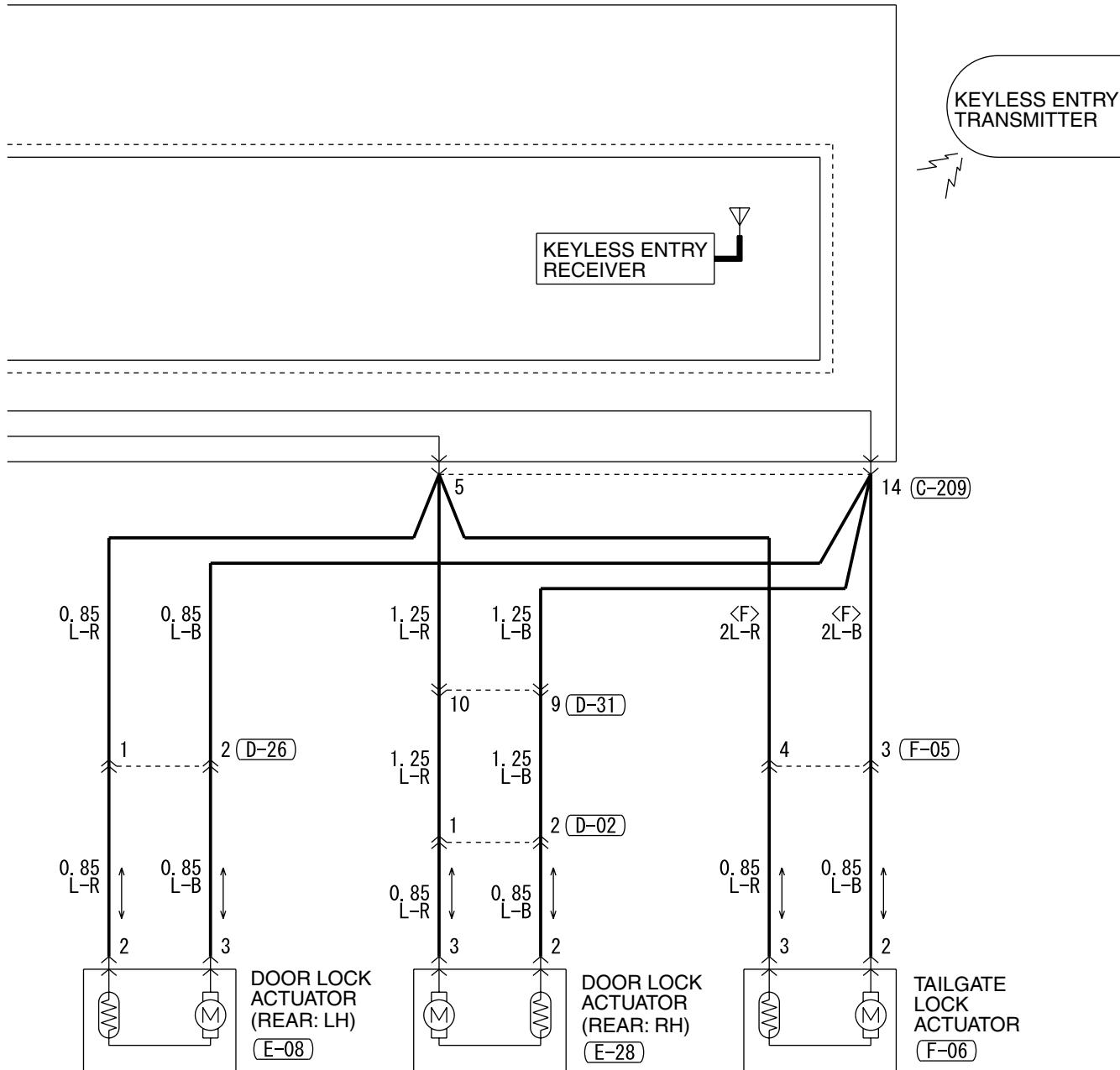
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H3Z11E02AA

2



(C-217)

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

(C-220)

(MU803765)

21	22	23	24	25	26	27	28	29
30	31	32	33	34	35	36	37	38
39	40	41			42	43	44	

(D-02)

MU801839

1		2	3
4	5	6	7

(D-26)

MU801839

1	2	3	4
4	5	6	7

(D-31)

MU801839

1	2	3	4
5	6	7	8

(F-06)

MU802341



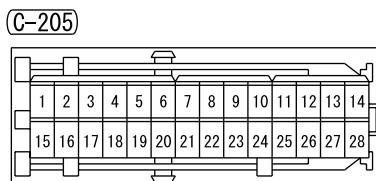
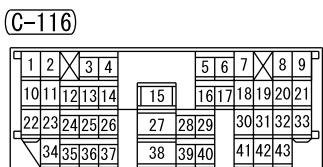
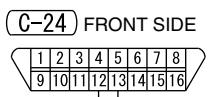
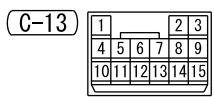
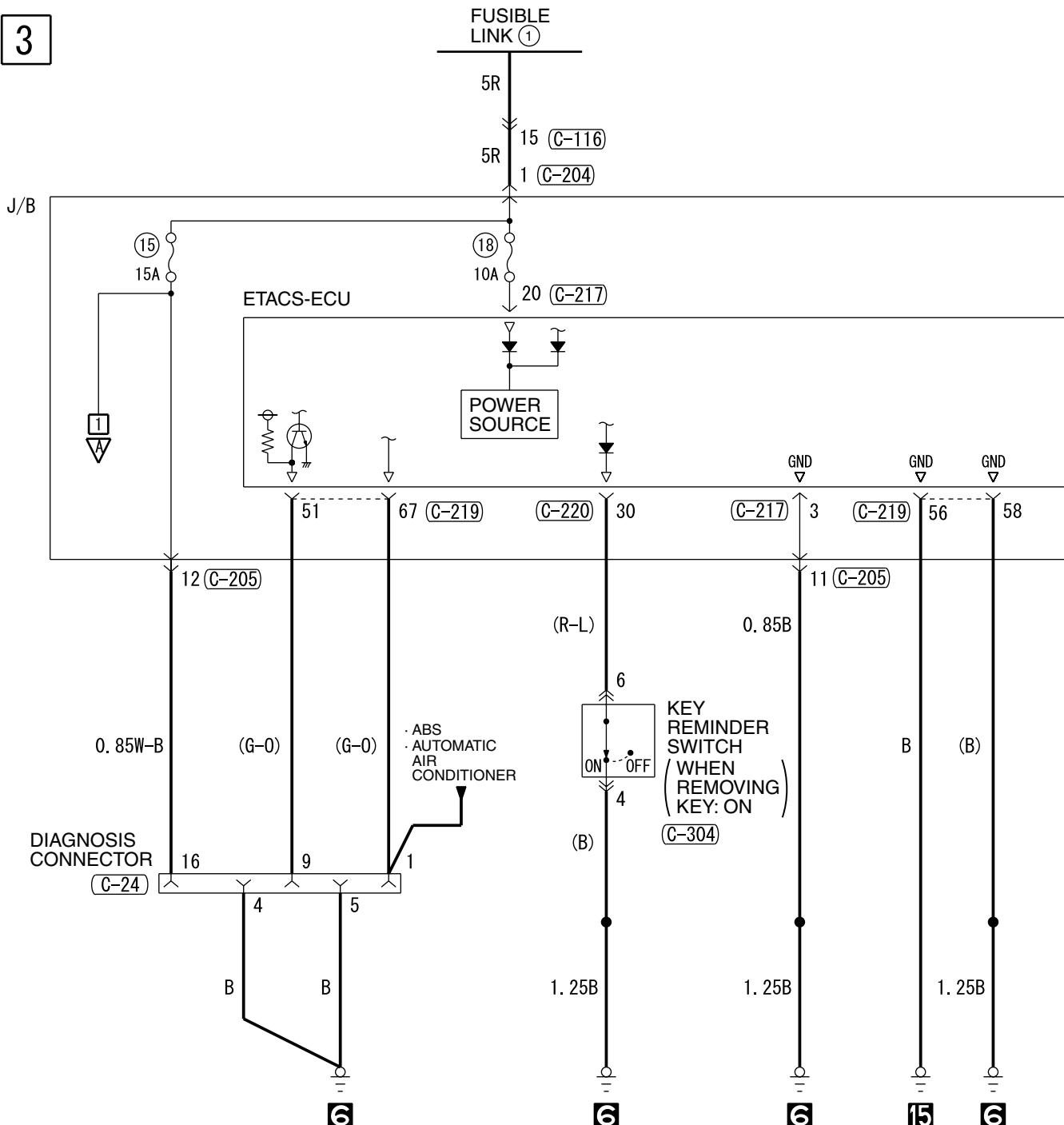
Wire colour code

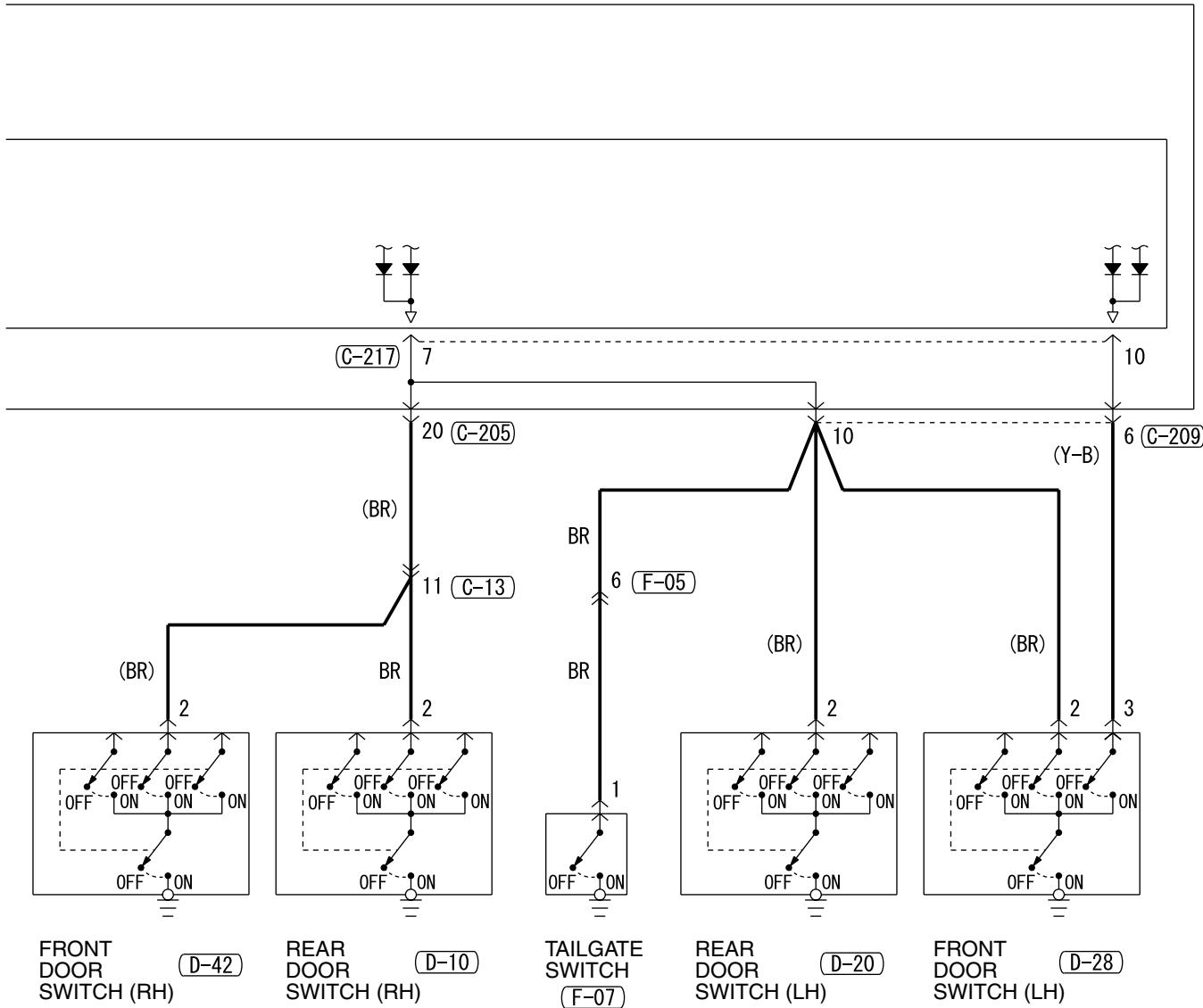
B : Black    LG : Light green    G : Green    L : Blue    W : White    Y : Yellow    SB : Sky blue  
 BR : Brown    O : Orange    GR : Gray    R : Red    P : Pink    V : Violet

H3Z11E02AB

**CENTRAL DOOR LOCKING SYSTEM <Vehicles with keyless entry system> (CONTINUED)**

3





(C-209)																
<table border="1"> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td> </td><td>5</td><td>6</td><td>7</td></tr> <tr><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td> </td></tr> </table>	1	2	3	4		5	6	7	8	9	10	11	12	13	14	
1	2	3	4		5	6	7									
8	9	10	11	12	13	14										

(C-217)																				
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	

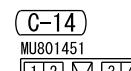
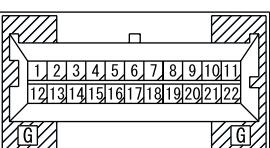
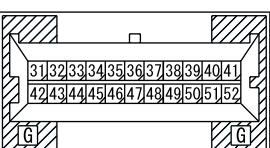
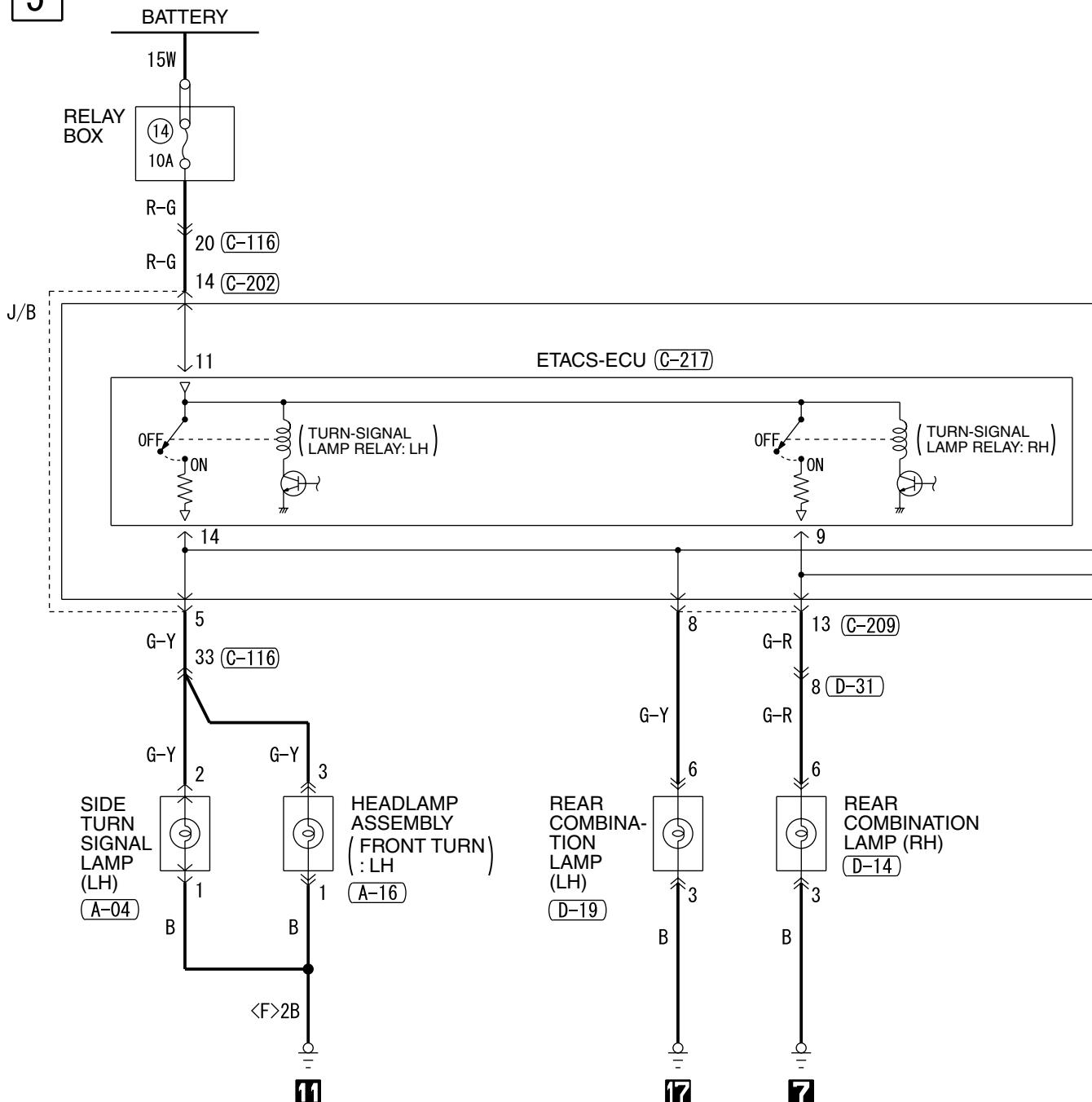
(C-219)
(MU803766)

(C-220)
(MU803765)

(D-42)	(F-05)	(F-07)
(MU801536)	(MU801211)	

**CENTRAL DOOR LOCKING SYSTEM <Vehicles with keyless entry system> (CONTINUED)**

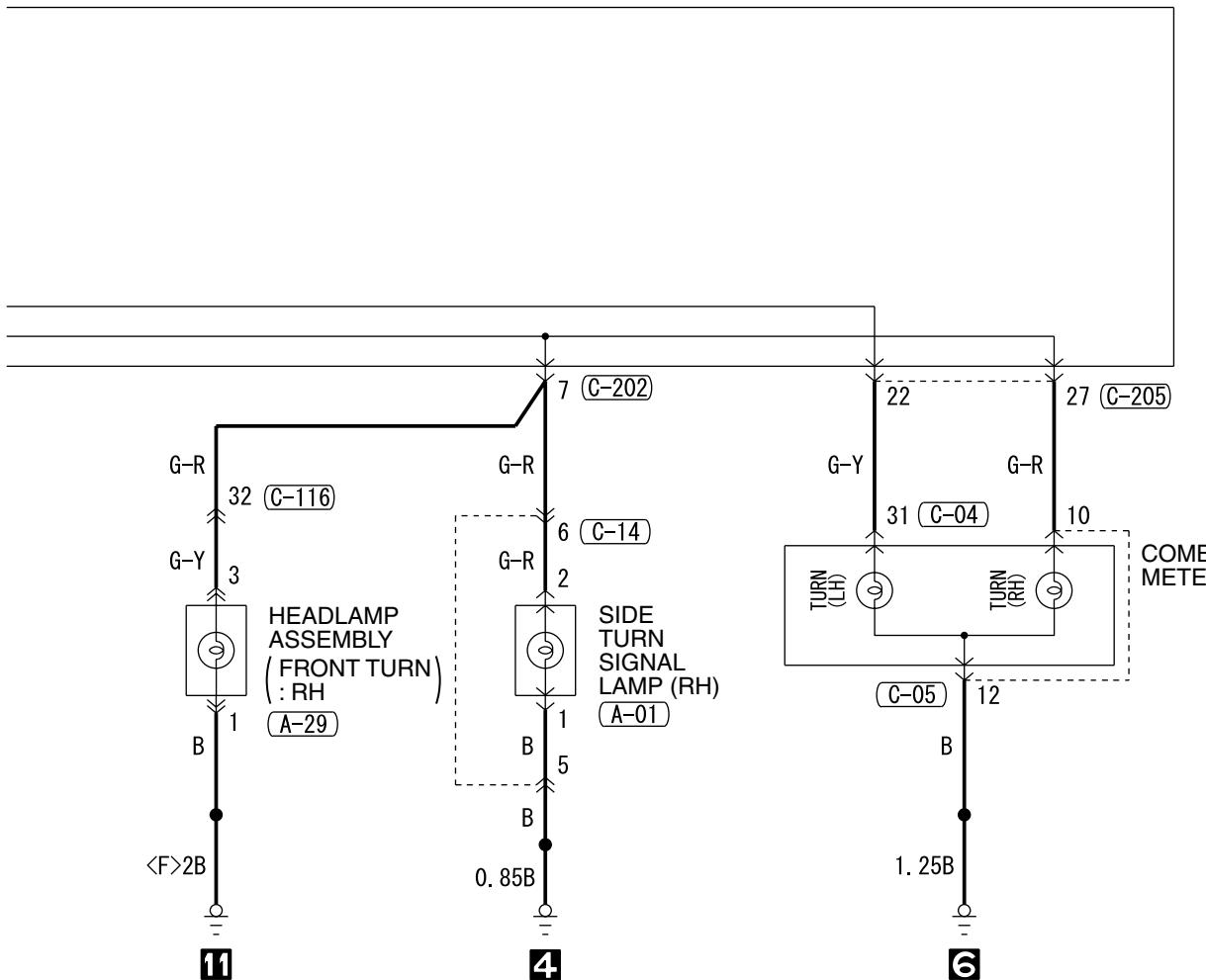
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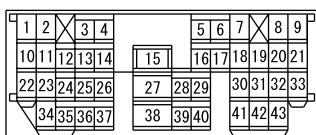
(C-217)

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

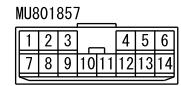
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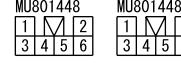
(C-116)



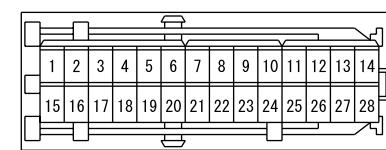
(C-202)



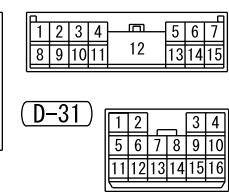
(D-14)



(C-205)

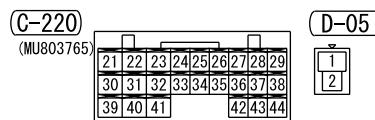
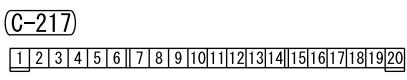
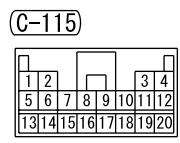
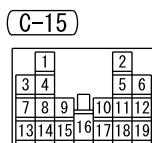
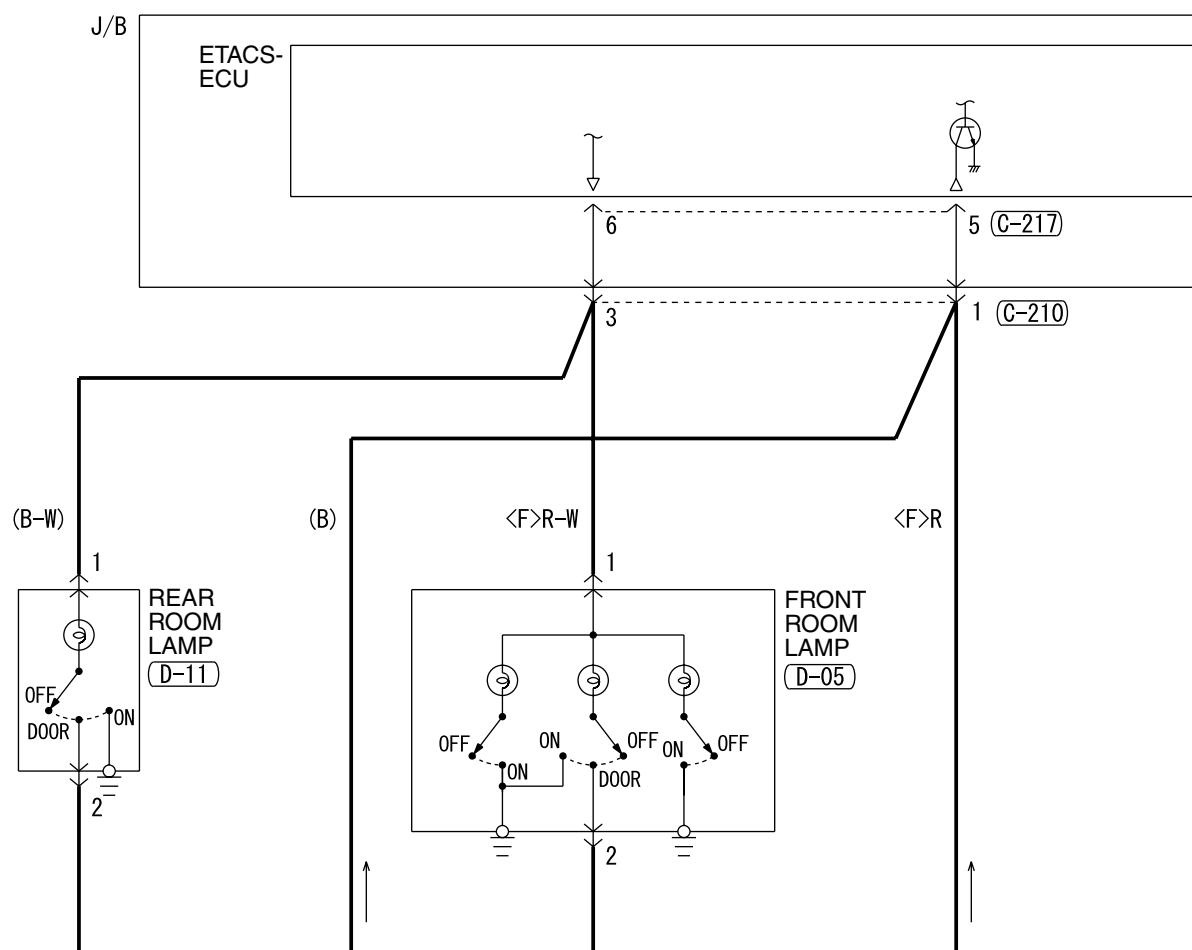


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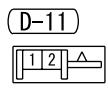
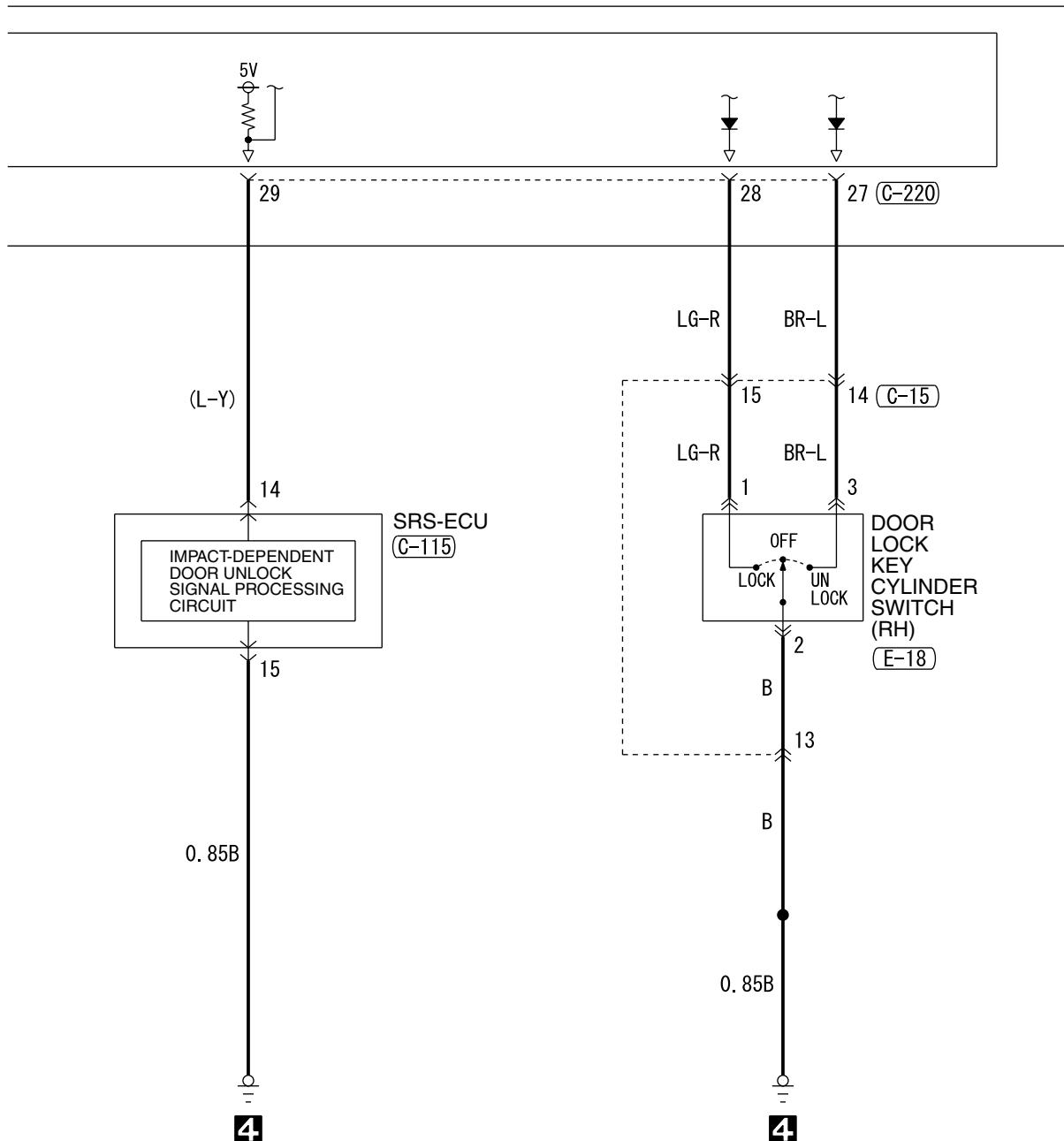


**CENTRAL DOOR LOCKING SYSTEM <Vehicles with keyless entry system> (CONTINUED)**

7



8



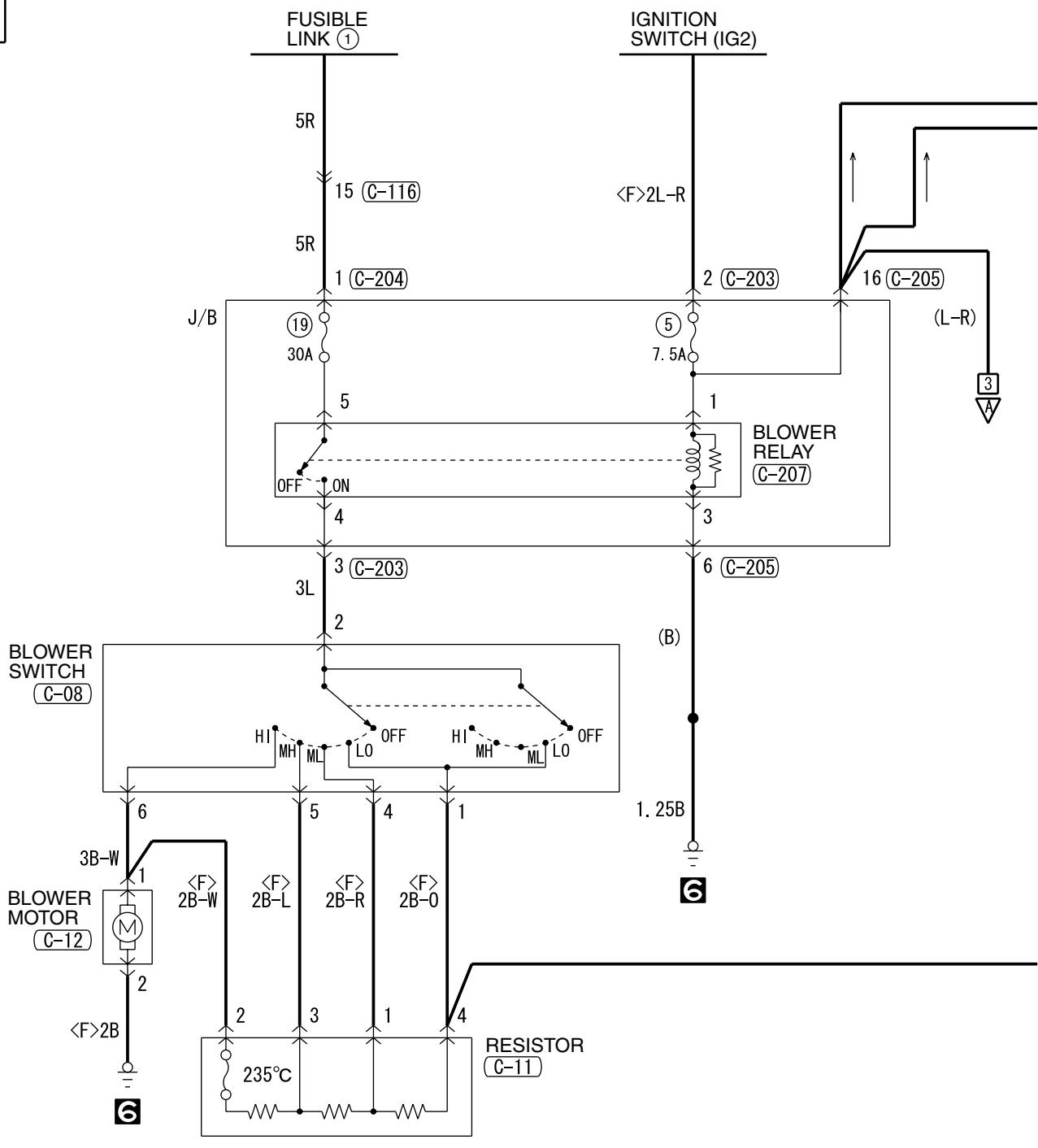
**Wire colour code**

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

## MANUAL AIR CONDITIONER

M3030005500302

1



(C-01)

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

(C-06)

(MU801584)

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

(C-08)

(MU801837)

1	2	3
4	5	6

(C-10)

MU801837

1	2
3	4

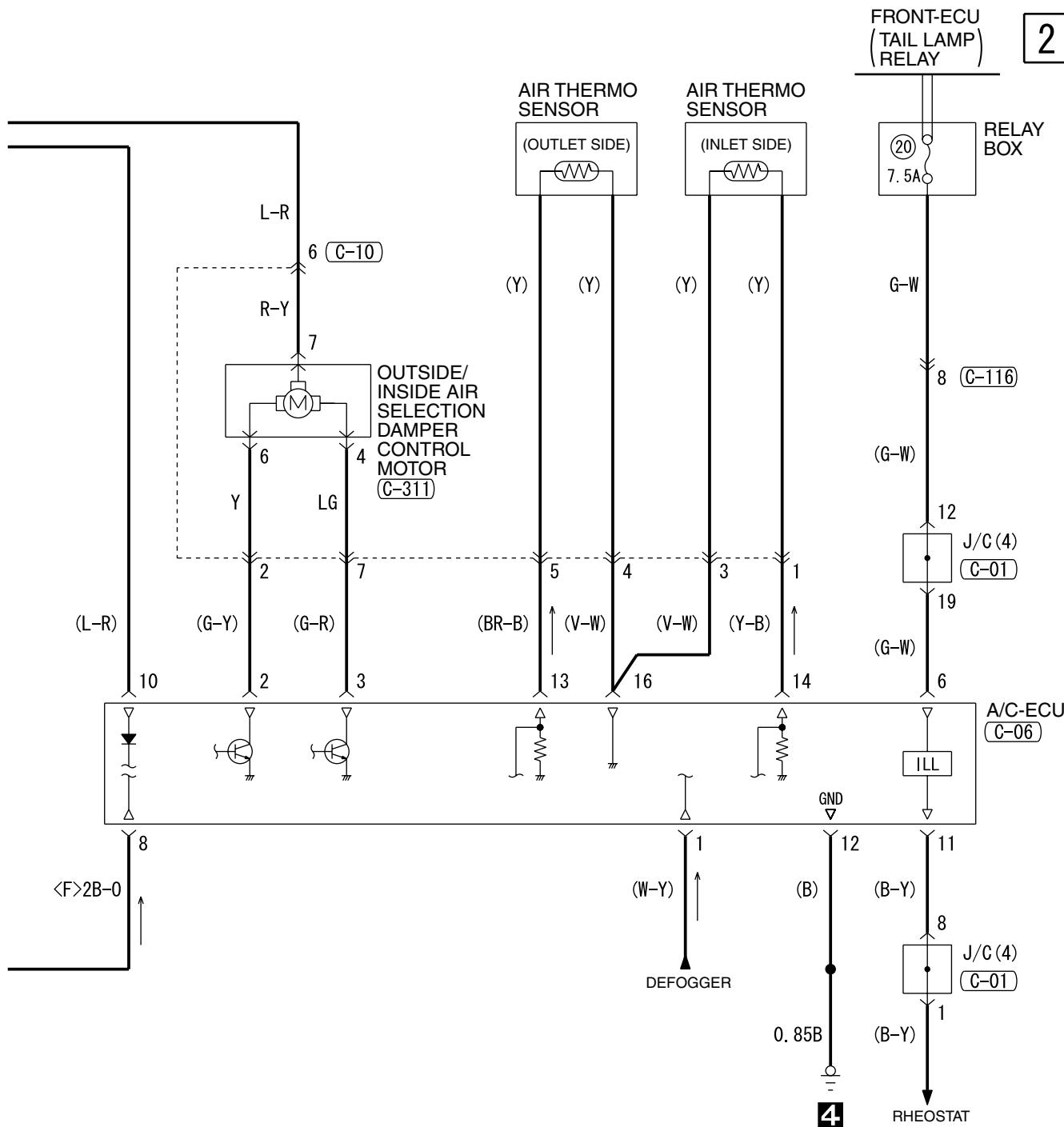
(C-11)

(C-12)

1	2
3	4

(C-116)

1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18
22	23	24	25	26	27	28	29	30
34	35	36	37	38	39	40	41	42
33	31	32	33	43	44	45	46	47

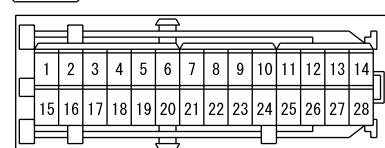


C-203  
MU801331

1		2	
3	4	5	6



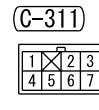
C-204  
MU80140  
1



C-205



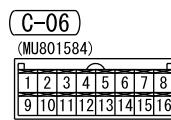
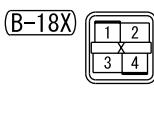
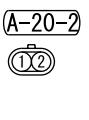
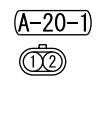
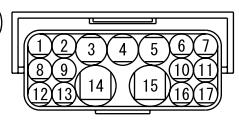
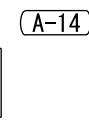
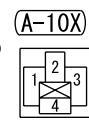
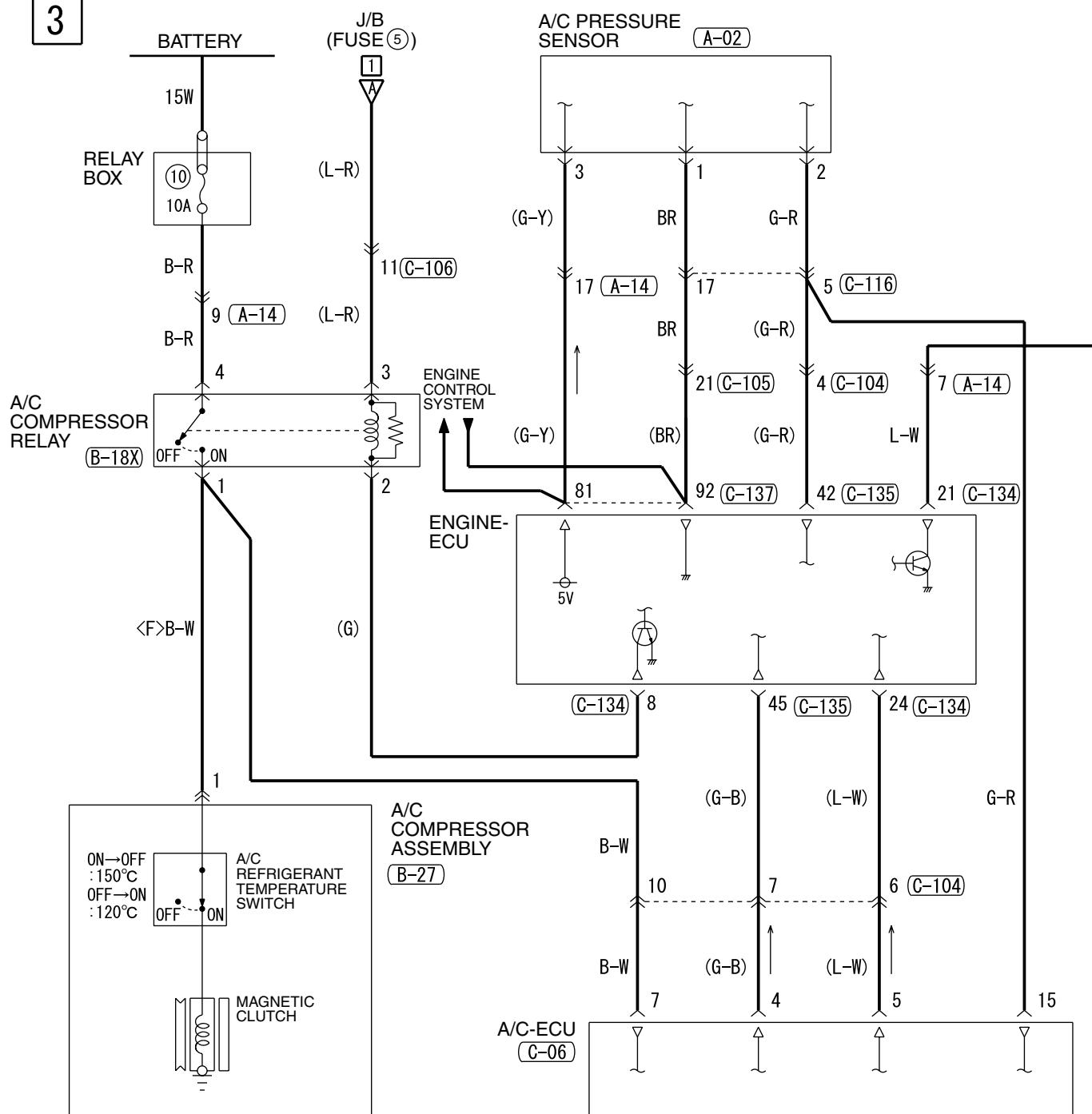
C-20  
123  
4  
5



C-311

## MANUAL AIR CONDITIONER (CONTINUED)

3



C-134

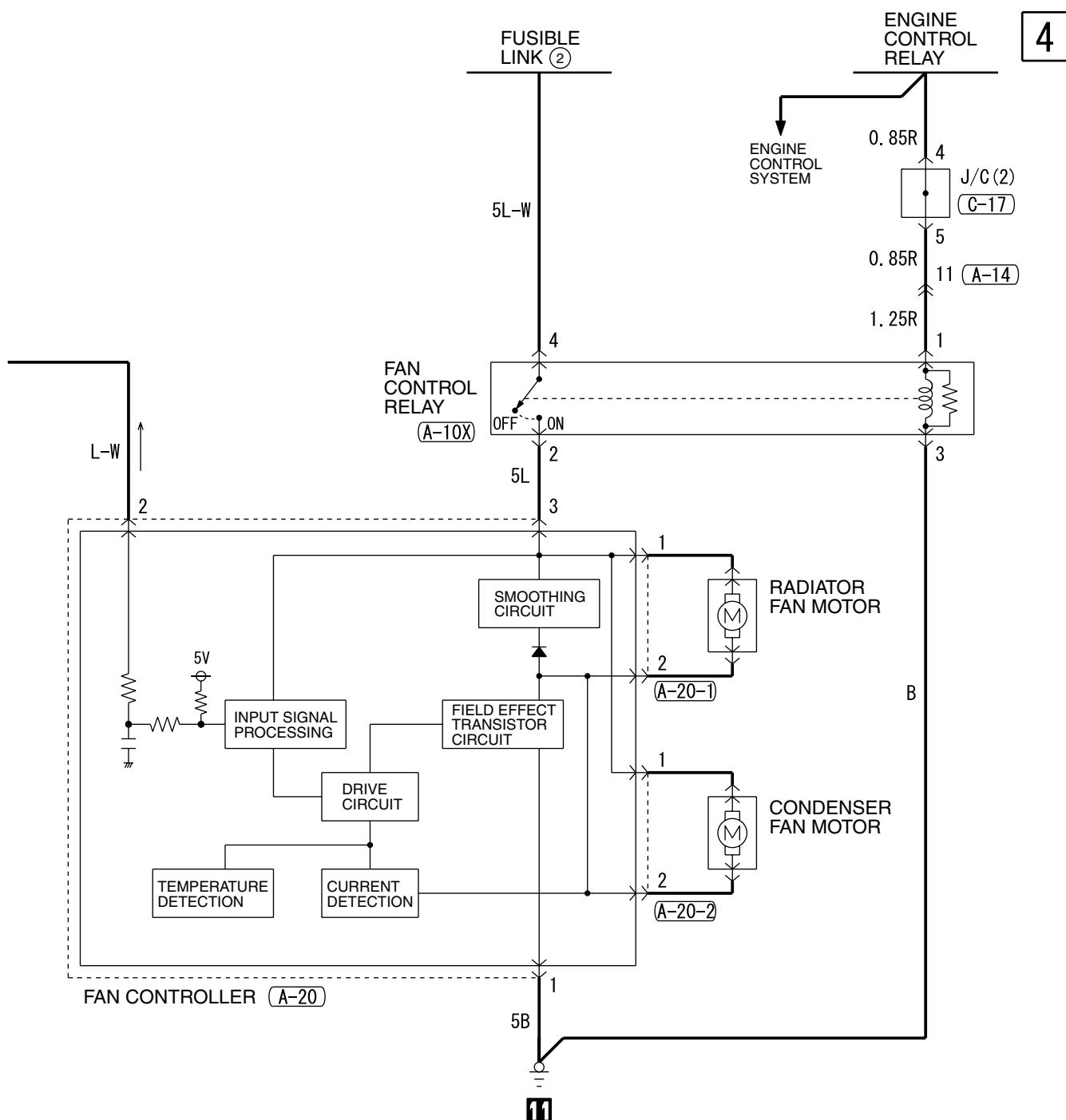
C-135

C-137

	JAE-E												
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14	15	16	17	18	19	20	21	22	23	24	25	26	

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

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



C-17  
MU801856

**C-104**

(C-105)												
MU803901												
1	2	3	4									
10	11	12	13	14	15	16	17	18	19	20	21	22

(C-106)

(C-116)

1	2	X	3	4		5	6	X	8	9
10	11	12	13	14	15	16	17	18	19	20
22	23	24	25	26	27	28	29	30	31	32
	34	35	36	37	38	39	40	41	42	43

## Wire colour code

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

SB : Sky blue

**MANUAL AIR CONDITIONER (See P. 3-104)****OPERATION****<Blower motor control>**

- When the ignition switch is turned "ON", the blower relay is energized. If the blower switch is turned "ON" (LO, ML, MH or HI position) in this condition, the blower is activated through the circuit via resistor at a speed corresponding to the blower switch position.

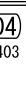
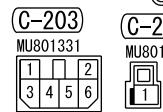
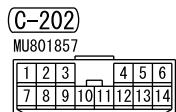
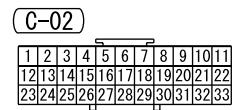
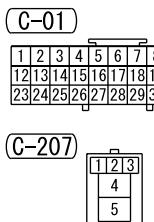
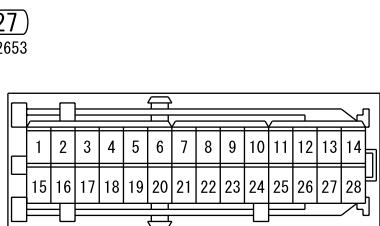
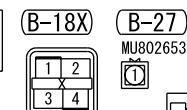
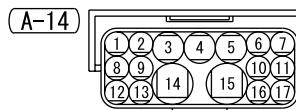
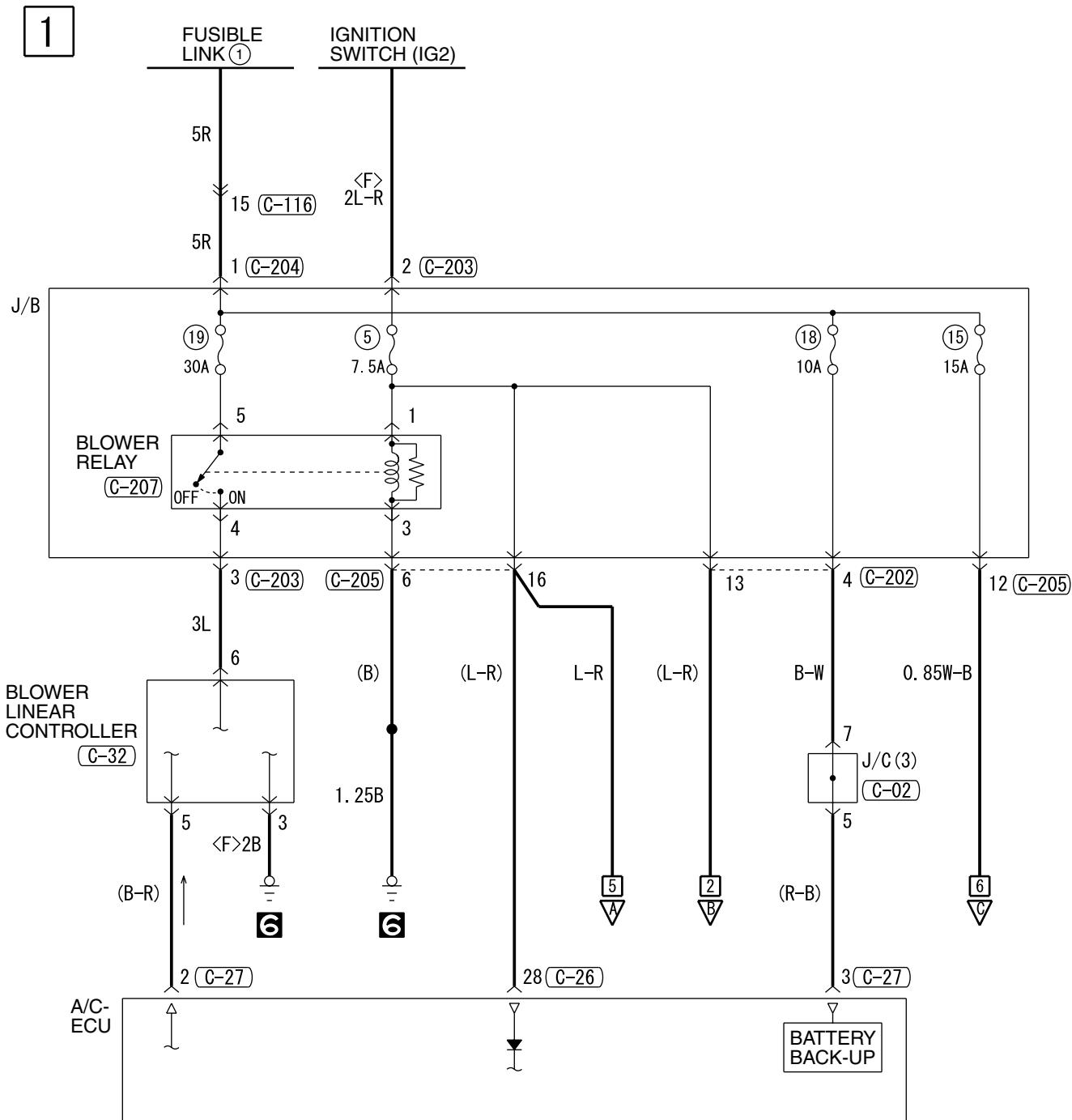
**TROUBLESHOOTING HINTS****<Blower motor control>**

1. Blower motor is energized at one switch position and not energized at another.
  - Check resistor.
  - Check blower switch.
2. Blower motor is energized only when switch is positioned in HI.
  - Check resistor.

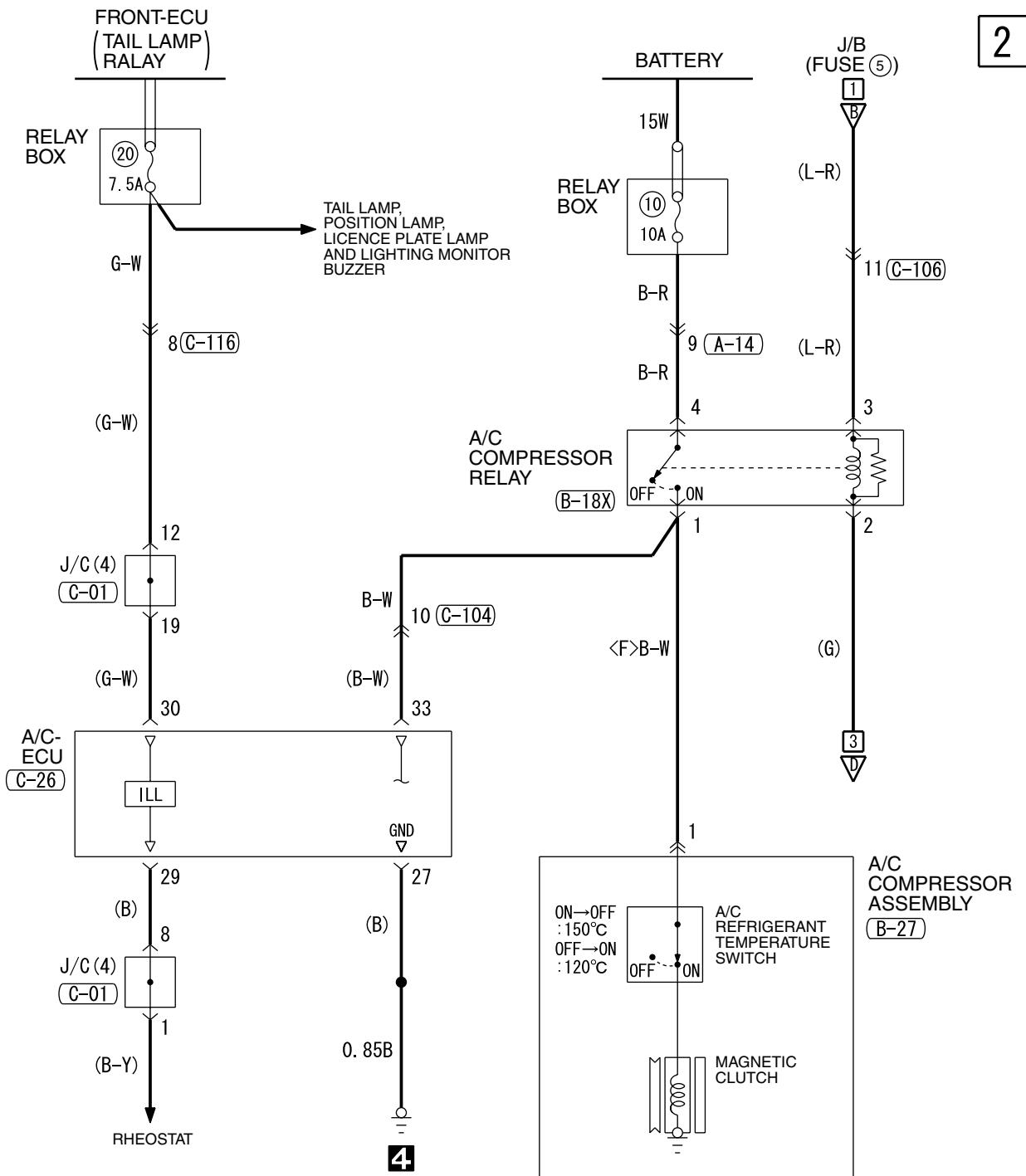
**NOTES**

## AUTOMATIC AIR CONDITIONER

M3030005600116



H3Z12E01AA



C-26  
(MU801584)

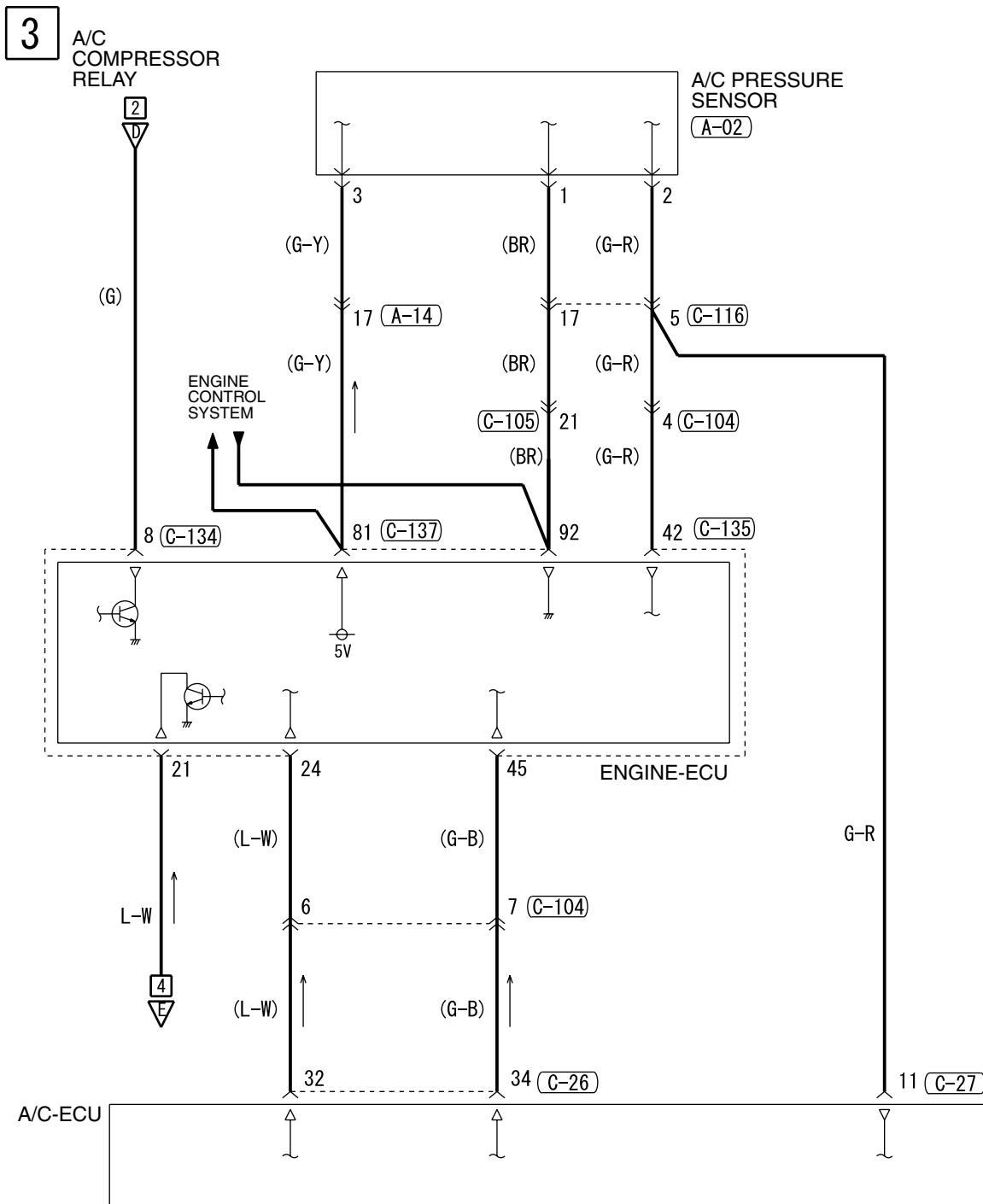
C-27																				
(MU801585)																				
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1	2	3	4	5	6	7	8	9	10											
11	12	13	14	15	16	17	18	19	20											

C-32  
MU801331

**C-104**

**C-106**

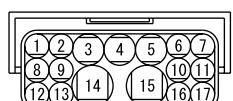
## AUTOMATIC AIR CONDITIONER (CONTINUED)



(A-02)  
(MU802500)  
5 1 2 3 5

(A-10X)  
1 2 3 4

(A-14)  
1 2 3 4



(A-20)  
(MU802322)  
1 2 3 10 11 12 13

(A-20-1)  
1 2 3

(A-20-2)  
1 2 3

(C-17)  
MU801856  
1 2 3 6 7 8 9 10 11 12 13 4 5

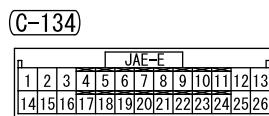
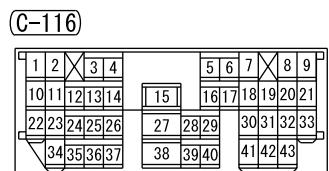
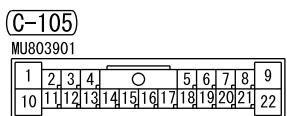
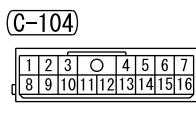
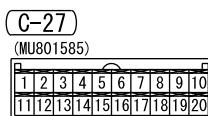
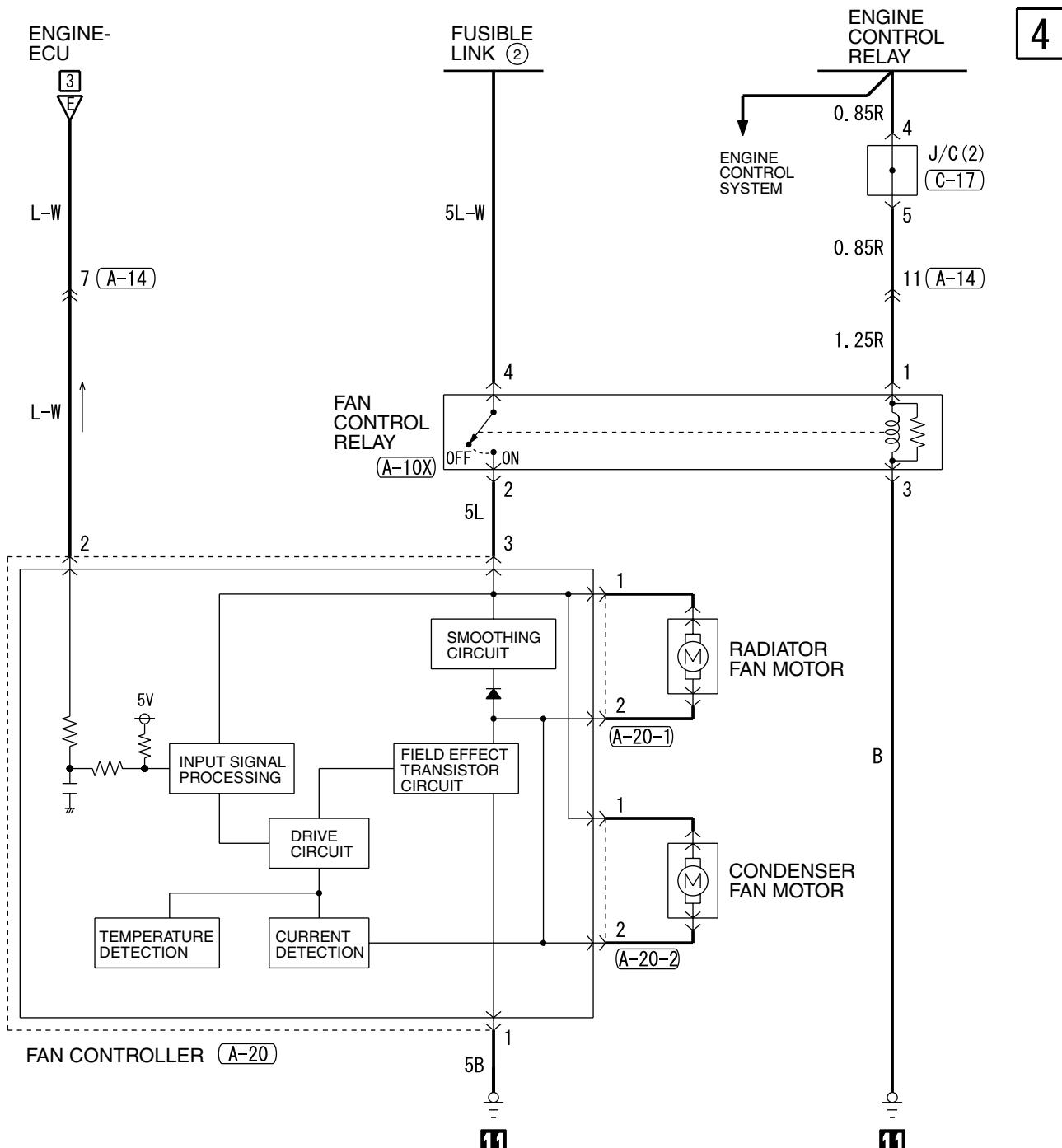
(C-26)  
(MU801584)  
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29 30 31 32 33 34 35 36

(C-135)

(C-137)

JAE-E
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39 40 41 42 43 44 45 46

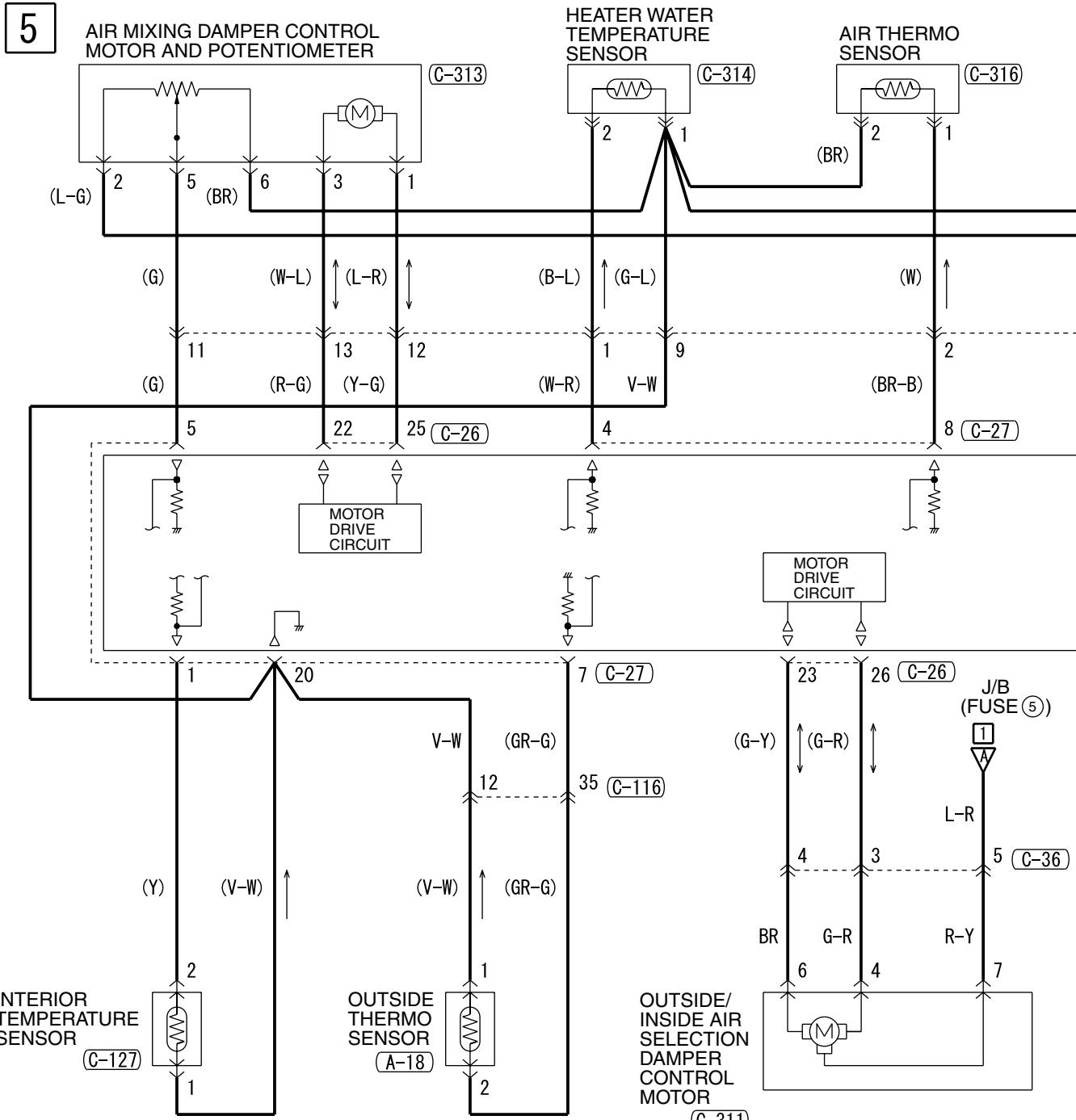
JAE-E
71 72 73 74 75 76 77 78 79 80 81
82 83 84 85 86 87 88 89 90 91 92



Wire colour code

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

## AUTOMATIC AIR CONDITIONER (CONTINUED)

(A-18)  
(MU804068)FRONT SIDE  
(C-24)  
(MU801584)(C-26)  
(MU801584)(C-27)  
(MU801585)(C-36)  
MU801855

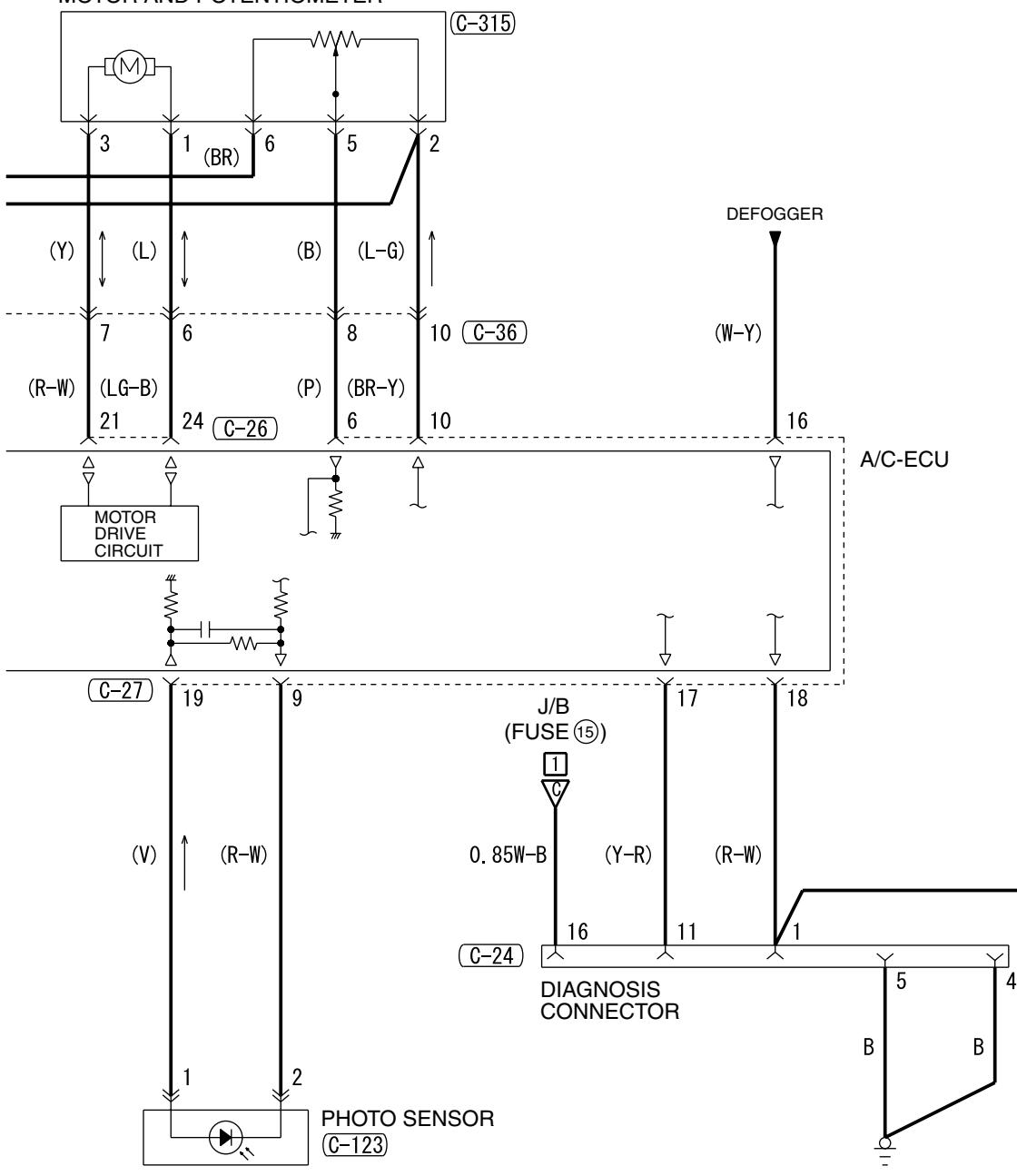
(C-116)

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10	11	12	13	14	15	16	17	18
22	23	24	25	26	27	28	29	30
34	35	36	37	38	39	40	41	42

(C-123)

6

MODE SELECTION DAMPER CONTROL  
MOTOR AND POTENTIOMETER



- ABS
- CENTRAL DOOR LOCKING SYSTEM
- DOOR AJAR WARNING BUZZER
- FRONT FOG LAMP
- FRONT ROOM LAMP, REAR ROOM LAMP AND IGNITION KEY CYLINDER ILLUMINATION LAMP
- HEADLAMP
- HEADLAMP WASHER
- METER AND GAUGE
- POWER WINDOWS
- REAR FOG LAMP
- REAR WIPER AND WASHER
- SPARE CONNECTOR (FOR FRONT FOG LAMP)
- SUNROOF TAIL LAMP, POSITION LAMP, LICENCE PLATE LAMP AND LIGHTING MONITOR BUZZER
- TURN-SIGNAL LAMP AND HAZARD WARNING LAMP
- WINDSHIELD WIPER AND WASHER

6

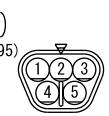
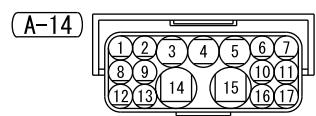
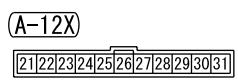
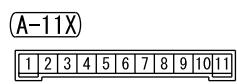
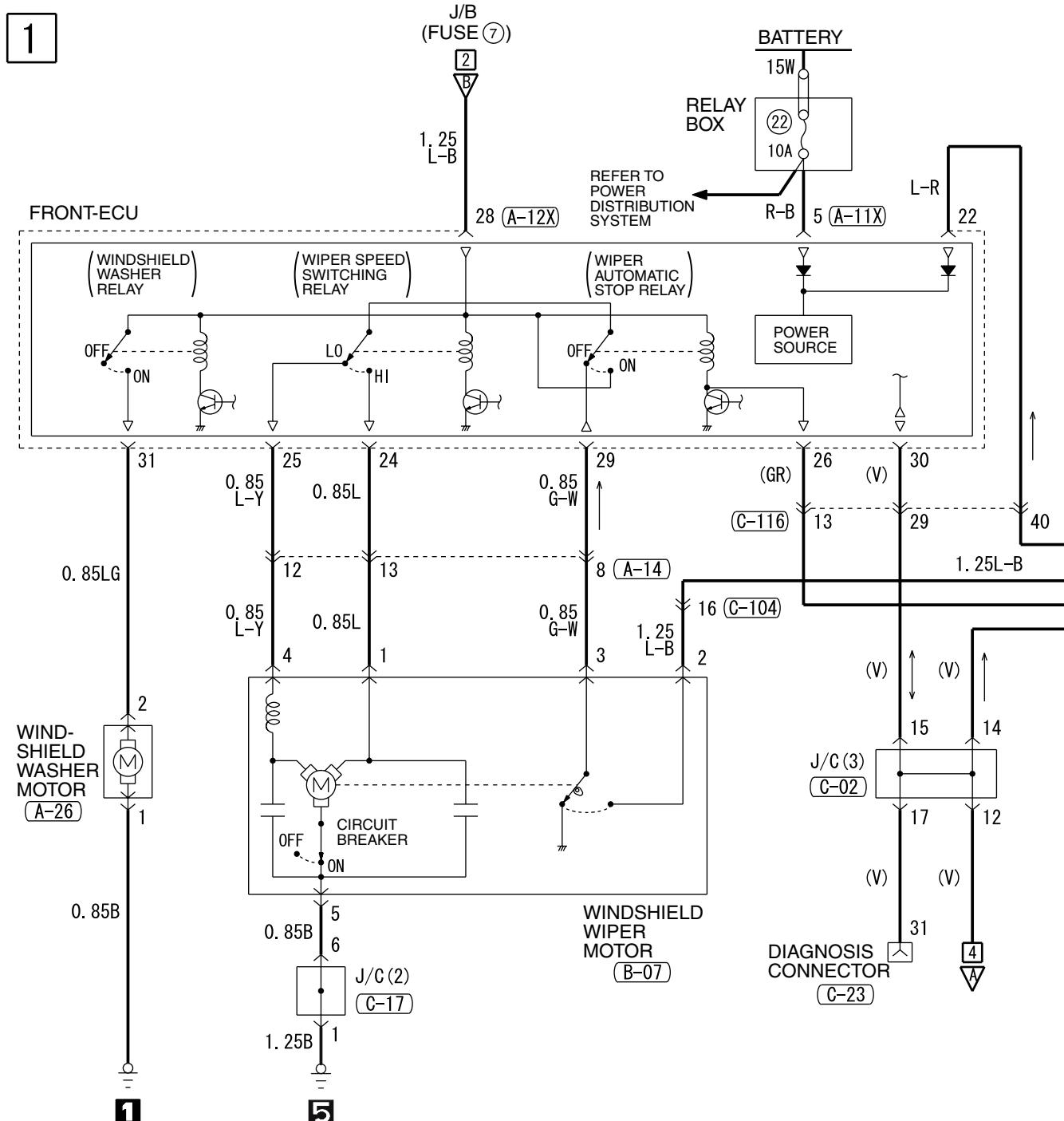
(C-127) MU801669	(C-311)	(C-313) MU801447	(C-314)	(C-315) MU801447	(C-316)

Wire colour code

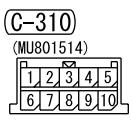
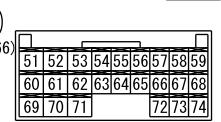
B : Black    LG : Light green    G : Green    L : Blue    W : White    Y : Yellow    SB : Sky blue  
 BR : Brown    O : Orange    GR : Gray    R : Red    P : Pink    V : Violet

## WINDSHIELD WIPER AND WASHER

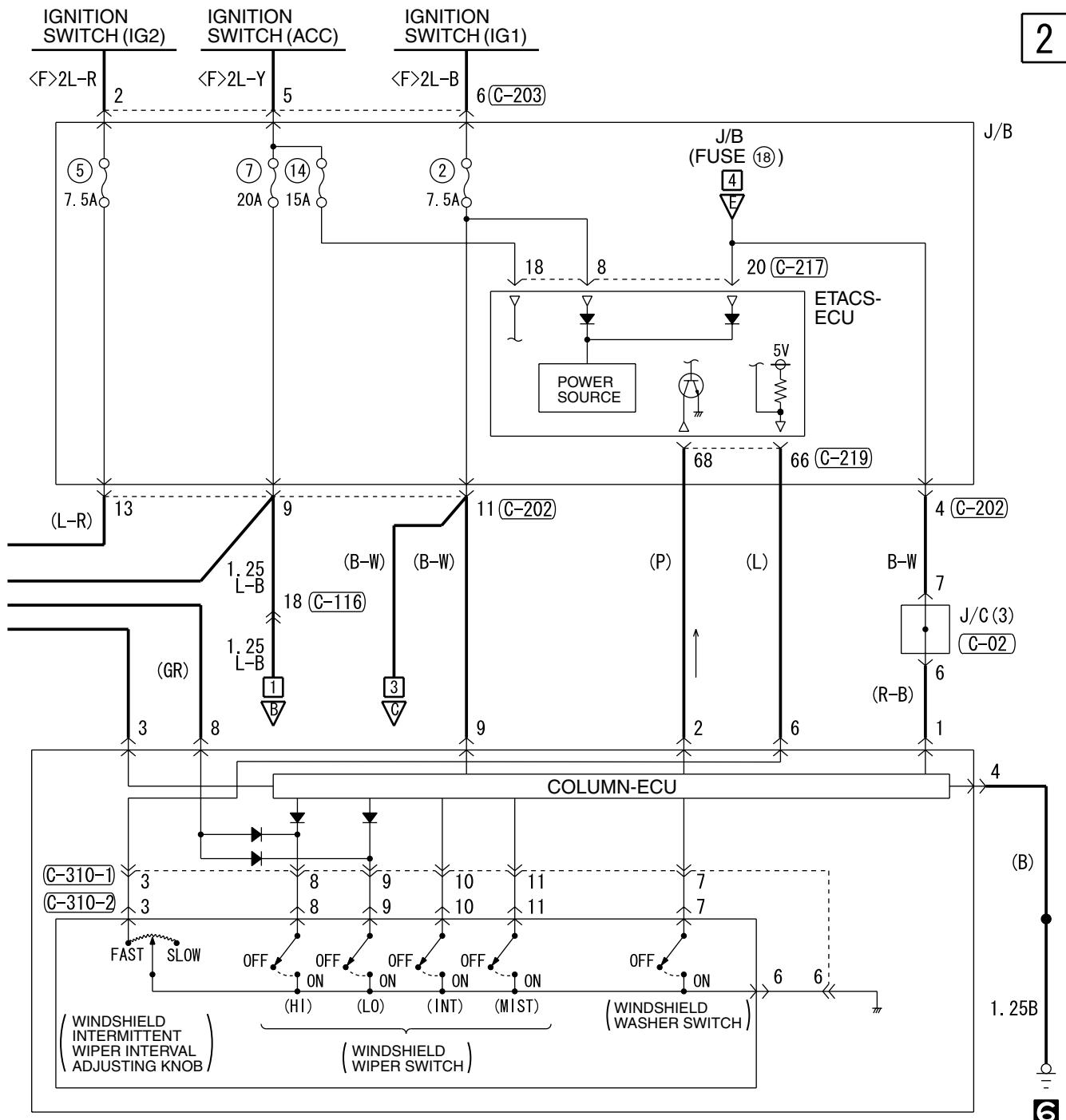
M3030006100277



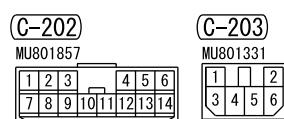
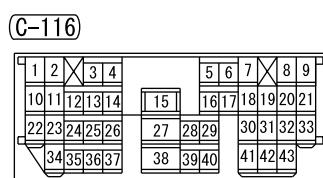
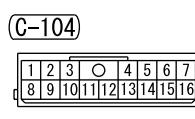
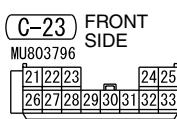
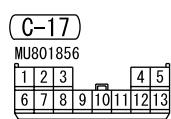
(MU803766)



H3Z13E00AA



COLUMN SWITCH (C-310)



(C-310-2)  
UPPER SIDE

Wire colour code

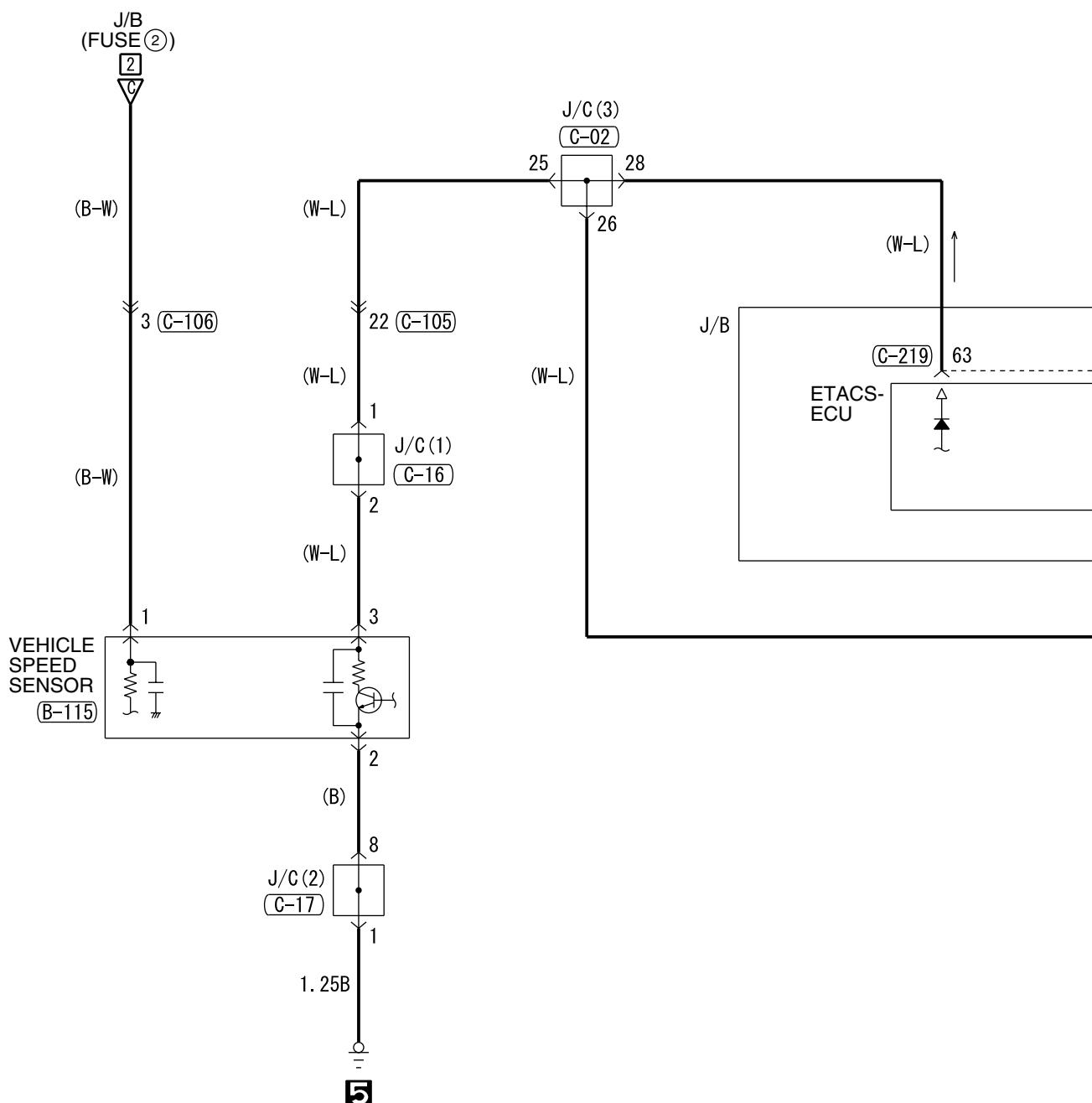
B : Black    LG : Light green    G : Green    L : Blue  
 BR : Brown    O : Orange    GR : Gray    R : Red    P : Pink  
 W : White    Y : Yellow    SB : Sky blue  
 V : Violet

H3Z13E00AB

**6**

## WINDSHIELD WIPER AND WASHER (CONTINUED)

3



(B-115)	(C-02)
(MU802723)	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33
(1 2 3)	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22

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

(C-17)
MU801856 1 2 3 6 7 8 9 10 11 12 13

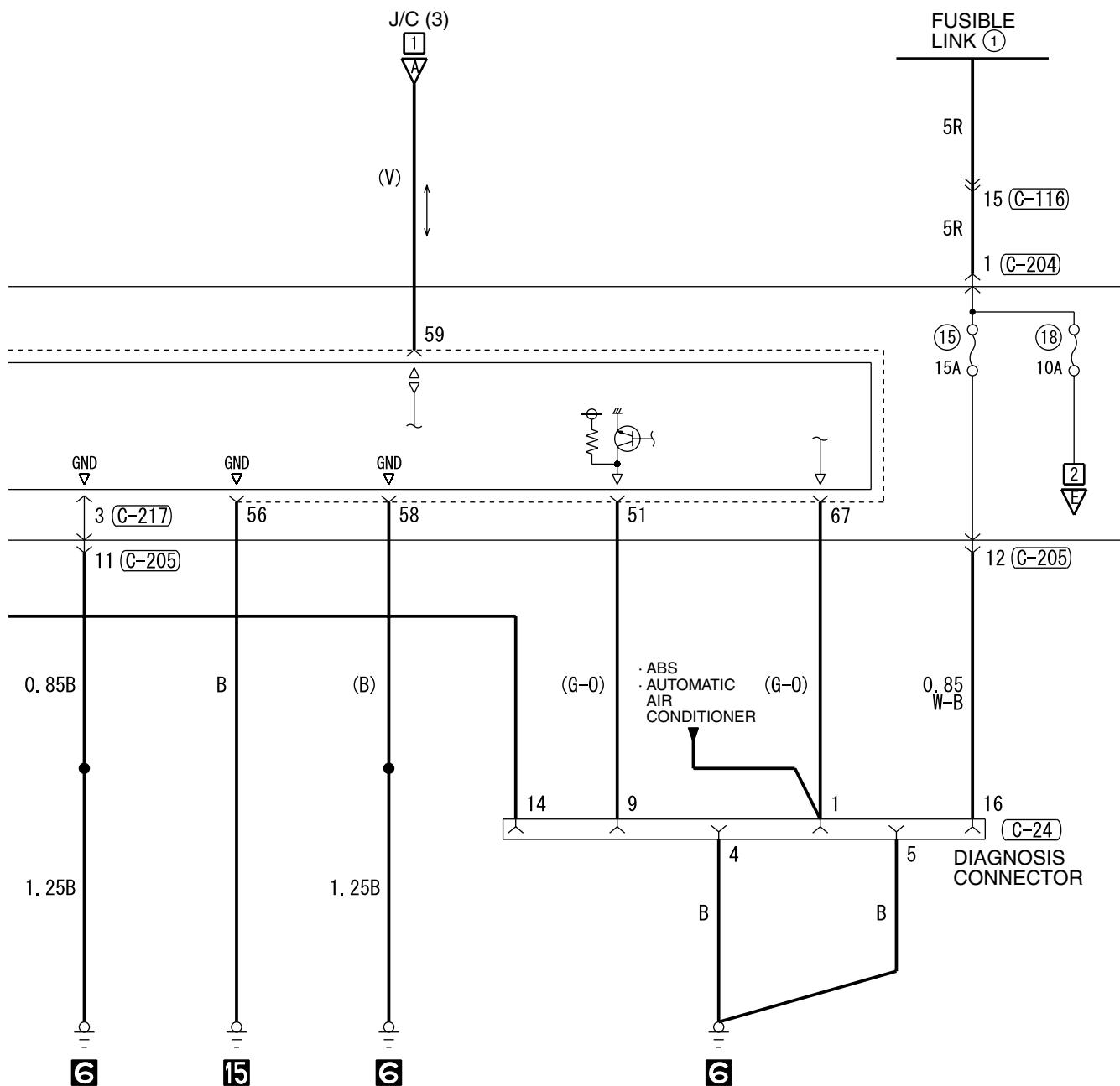
(C-24) FRONT SIDE
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

(C-105)
MU803901 1 2 3 4 ○ 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22

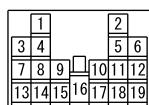
(C-217)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

(C-219)
(MU803766) 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74

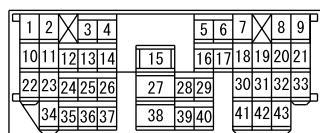
4



C-106

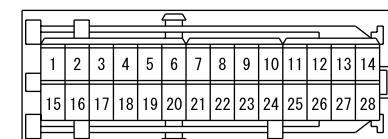


C-116



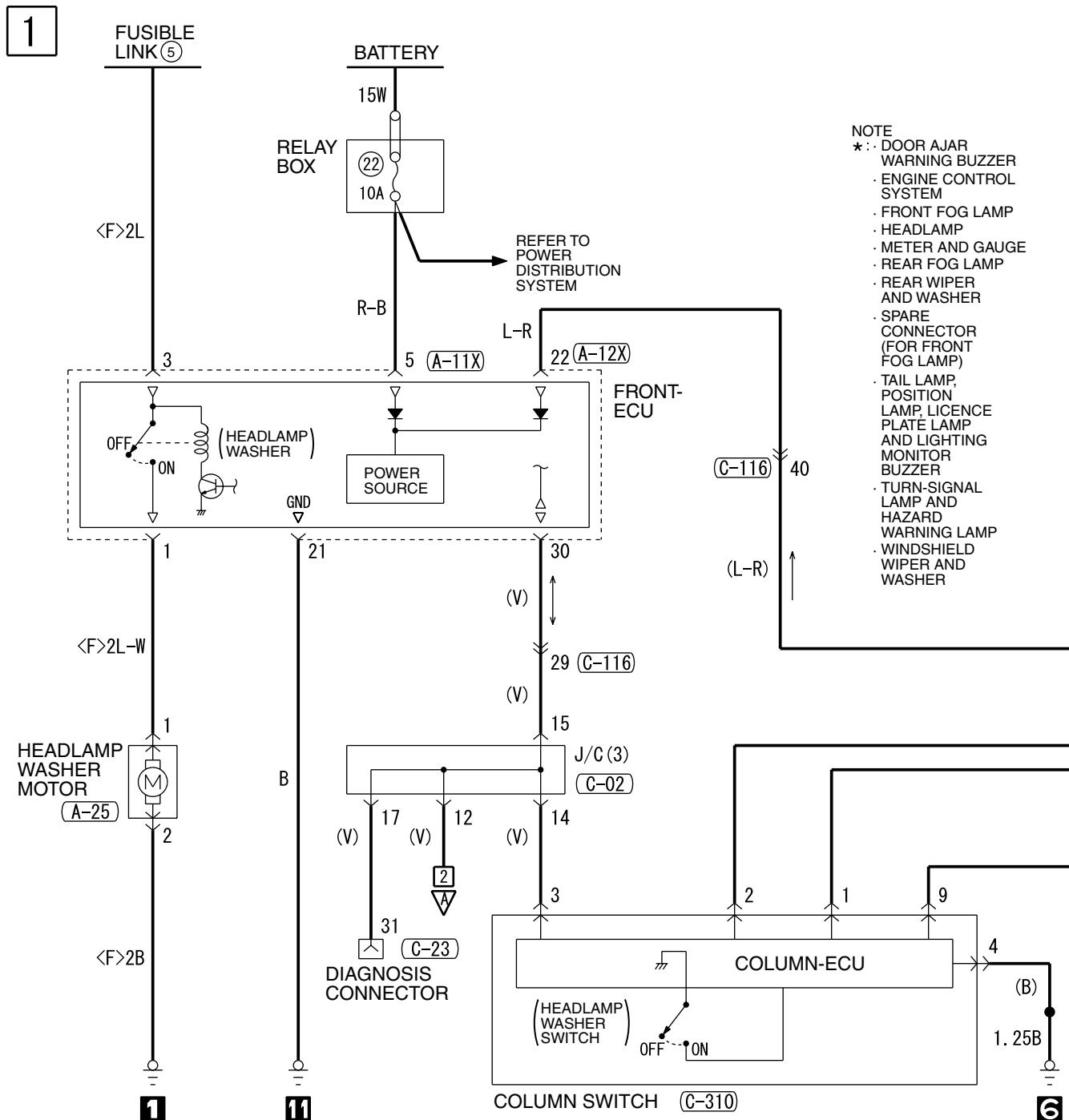
C-204

C-205



## **HEADLAMP WASHER**

M3030006300055



**A-11X**

A-12X

A-25

A-25 MU802601 C-02  
  

1	2	3	4
12	13	14	15
23	24	25	26

**C-23** FRONT SIDE  
MU803796

C-24 FRONT SIDE

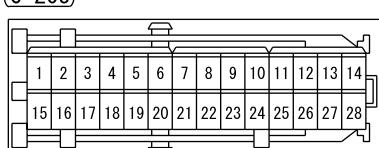
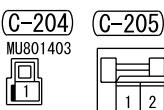
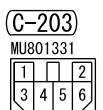
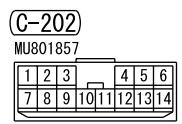
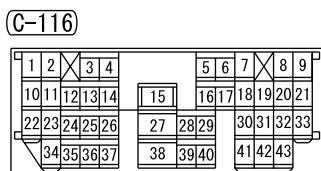
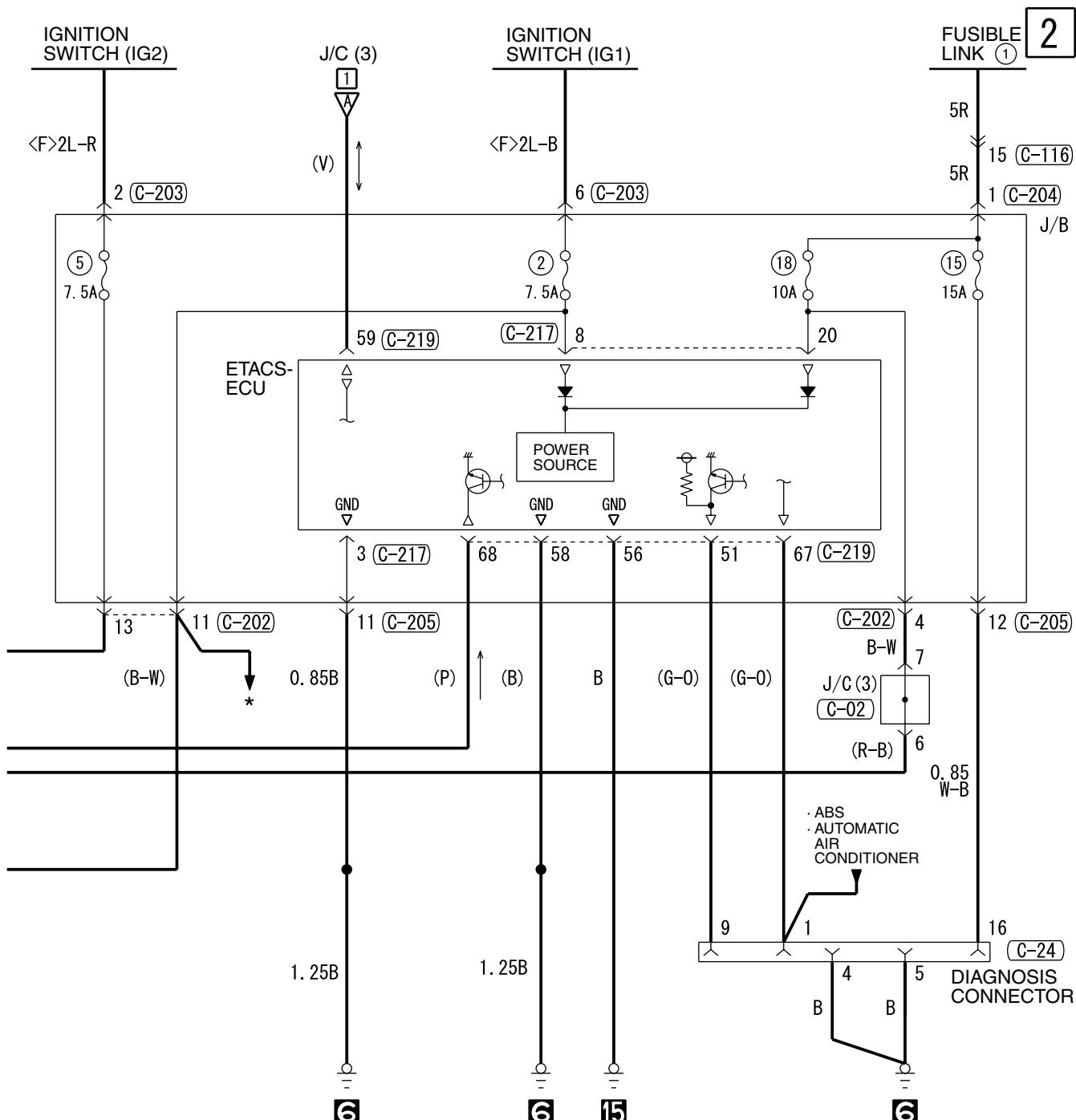
G-217

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

C-219

(MU803766)	51	52	53	54	55	56	57	58	59
	60	61	62	63	64	65	66	67	68
	69	70	71			72	73	74	

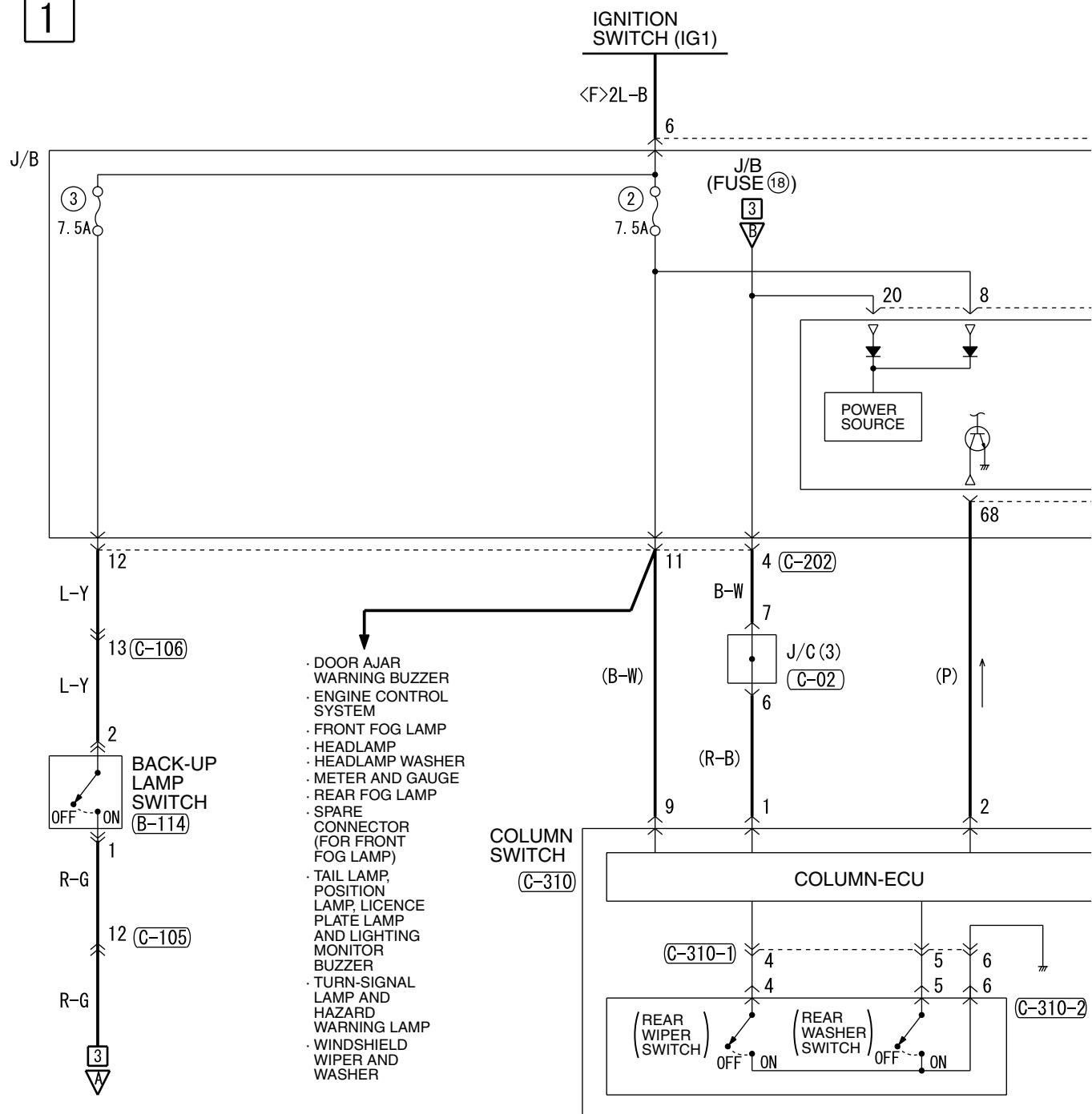
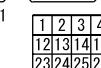
C-310  
(MU801514)



## REAR WIPER AND WASHER

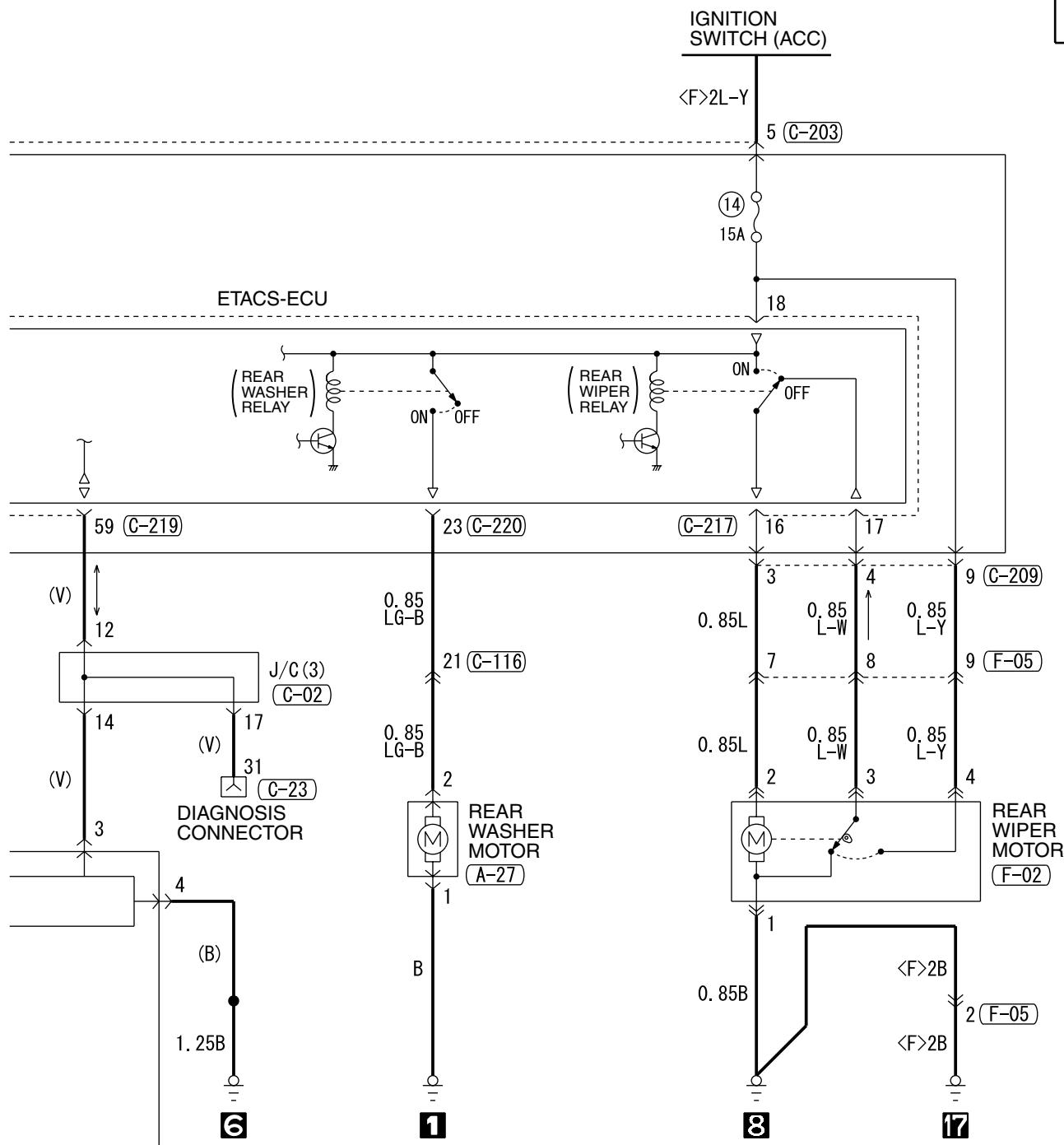
M3030006200274

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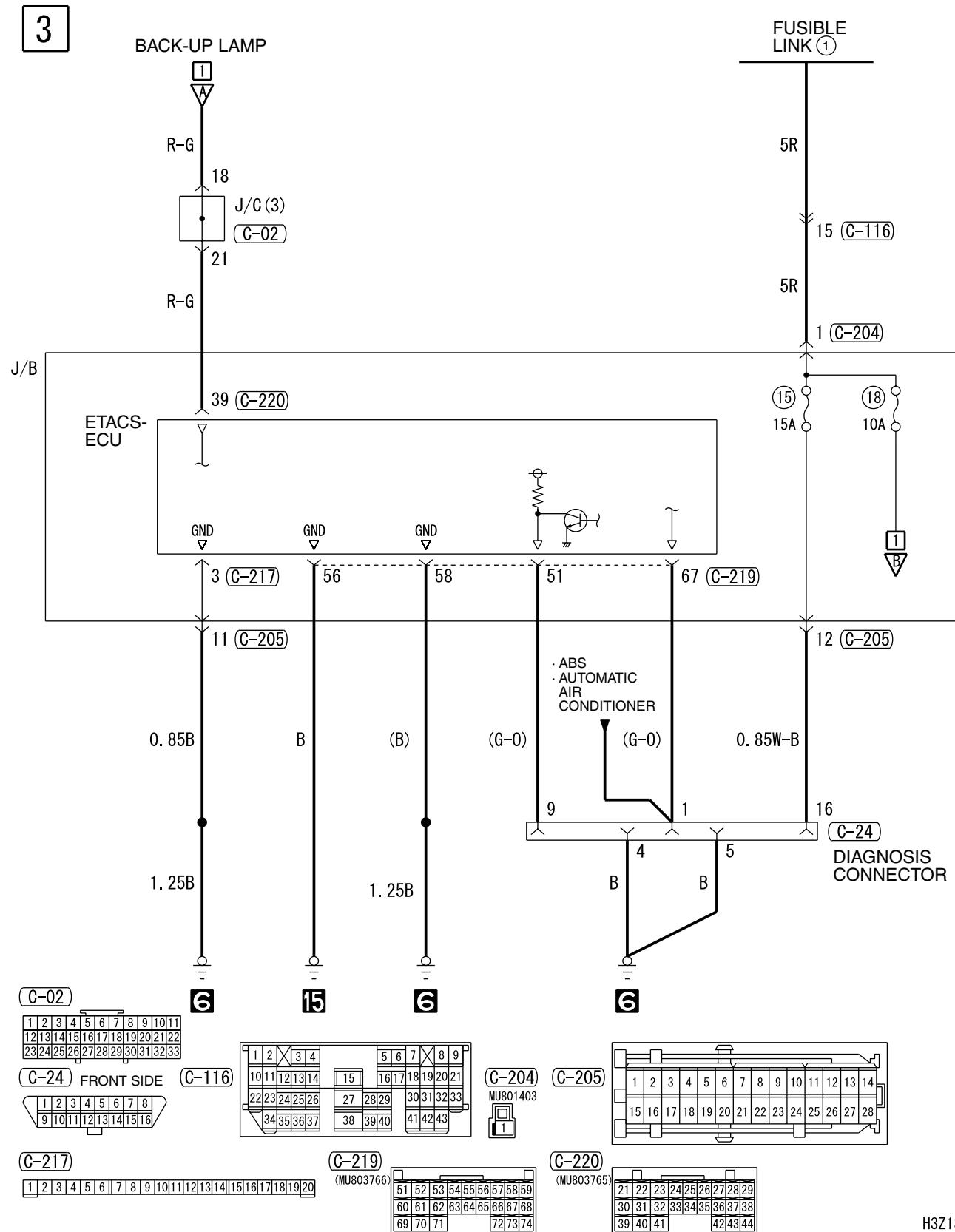
**(A-27)****(B-114)****(C-02)****(C-23)****(C-105)****(C-106)****(C-219)****(MU803766)****(C-220)****(MU803765)****(C-310)****(C-310-1)****(C-310-2)**

H3Z13E02AA

2

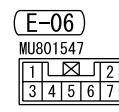
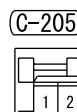
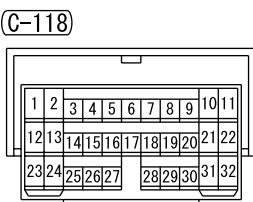
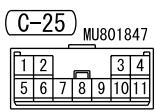
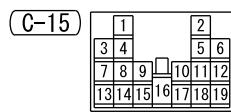
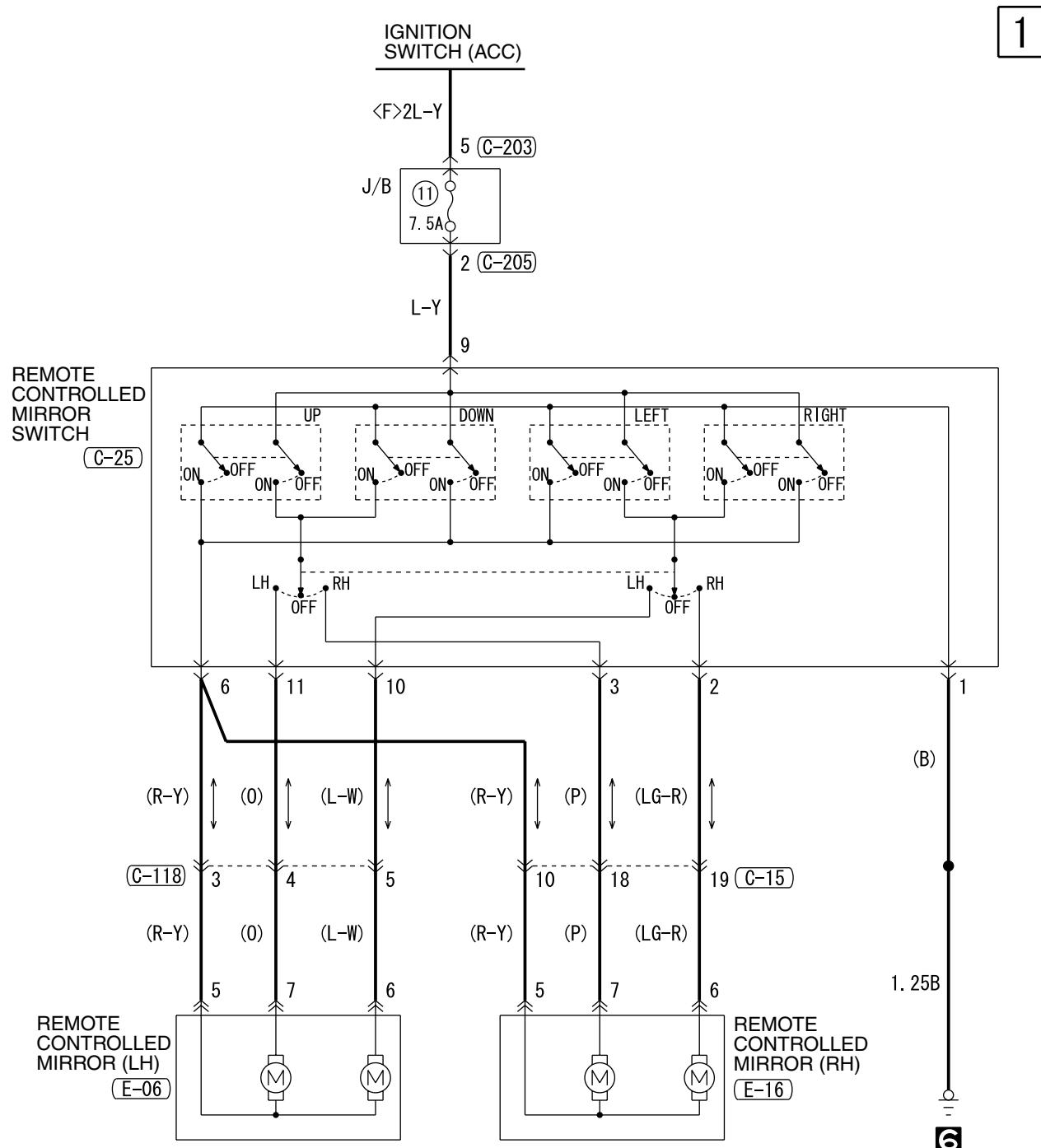


## **REAR WIPER AND WASHER (CONTINUED)**



REMOTE CONTROLLED MIRROR

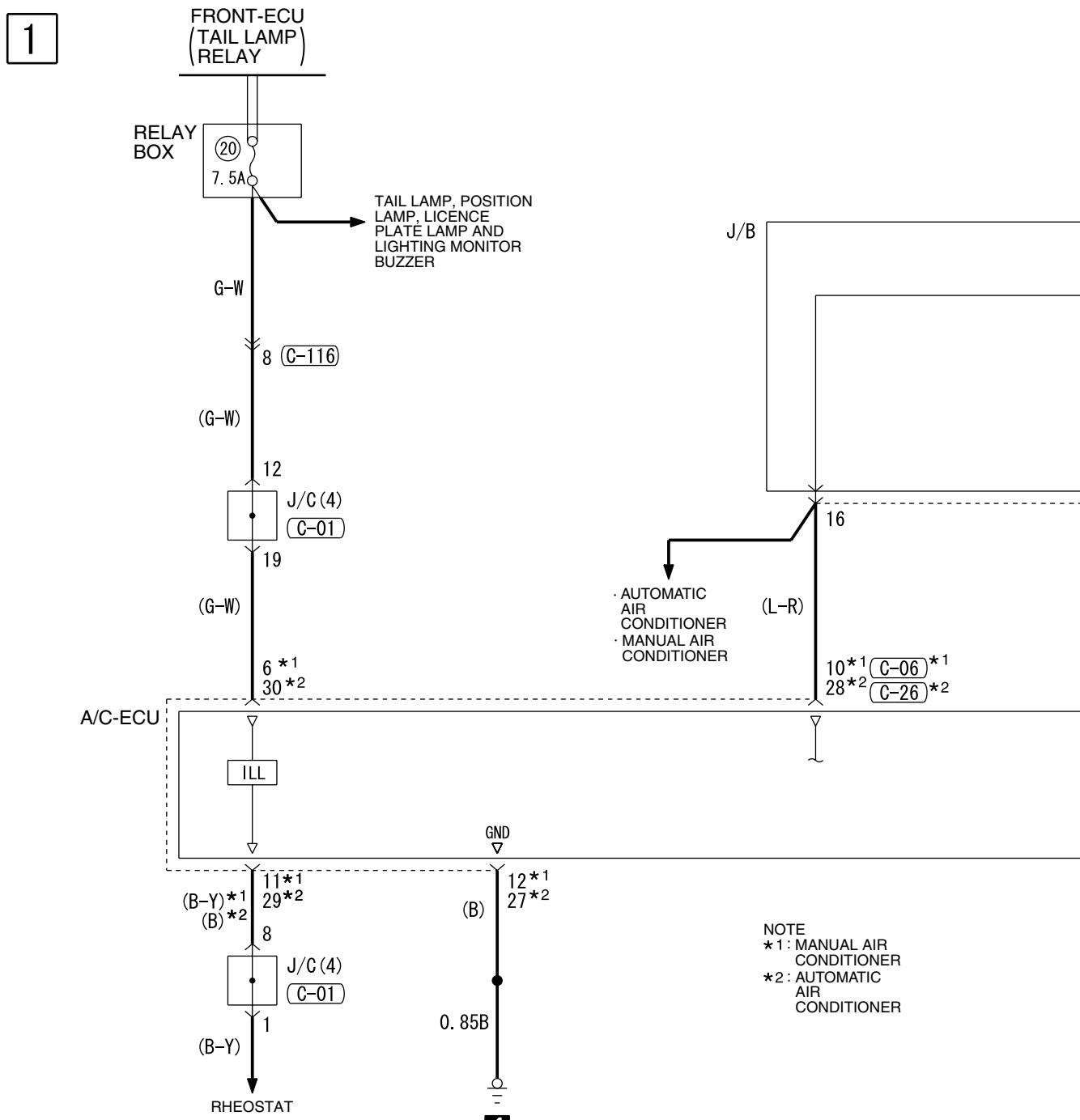
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H3Z13E03AA

## DEFOGGER

M3030020100237



C-01
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20 21 22

C-06) *1 (MU801584)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

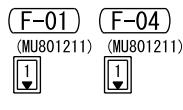
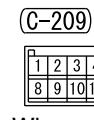
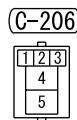
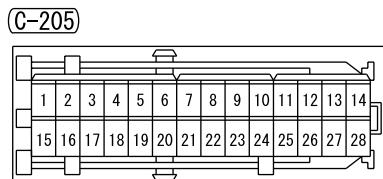
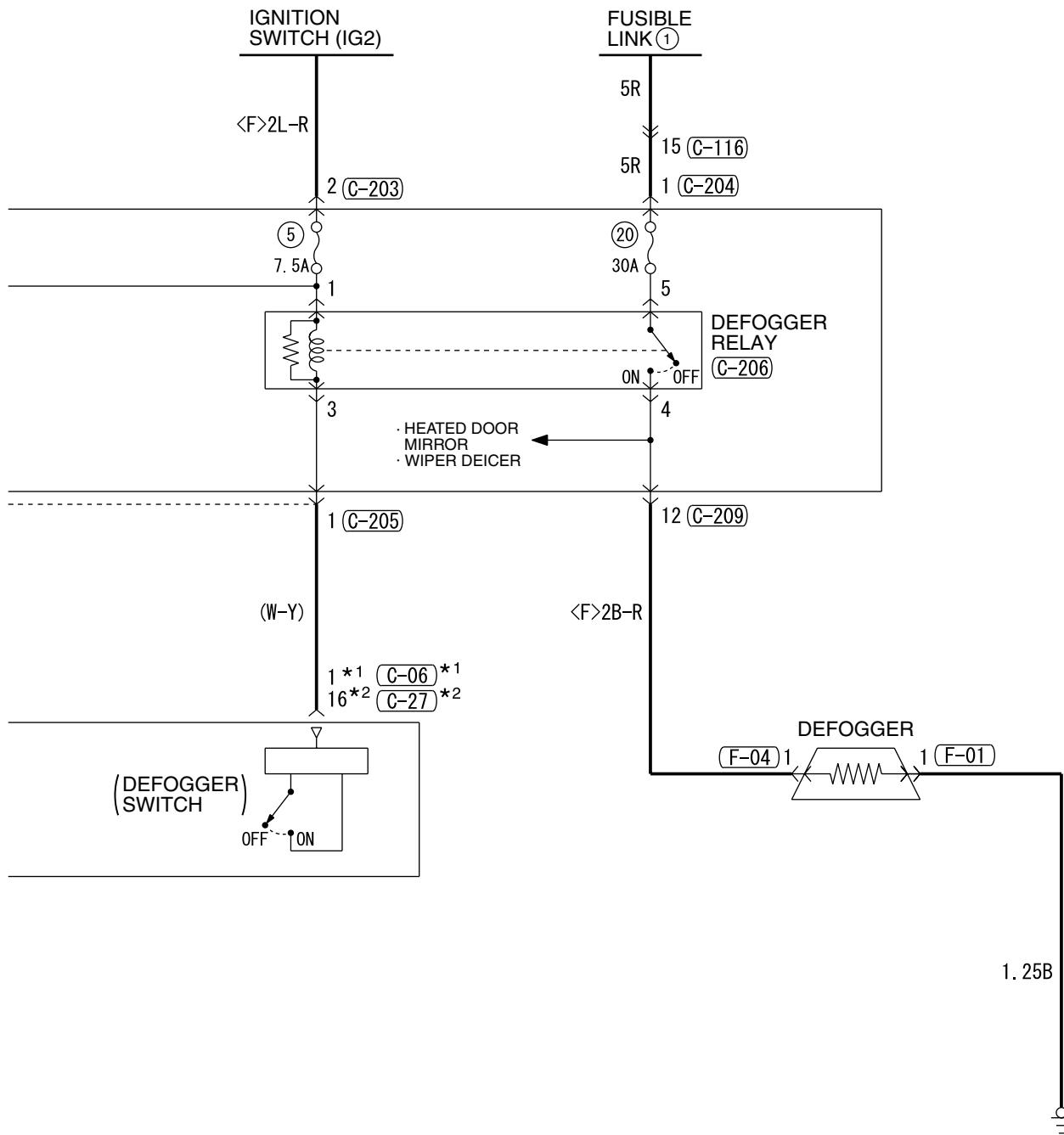
C-26) *2 (MU801584)
21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36

C-27) *2 (MU801585)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

C-116
1 2 X 3 4 10 11 12 13 14 22 23 24 25 26 34 35 36 37 15 27 28 29 38 39 40 5 6 7 X 8 9 16 17 18 19 20 21 30 31 32 33 41 42 43

C-203 (MU801331)
1 2 3 4 5 6

2

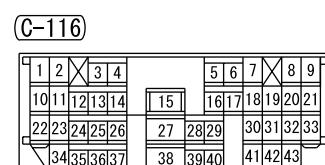
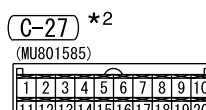
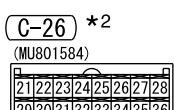
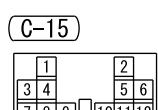
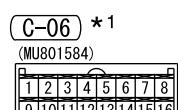
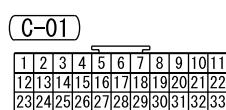
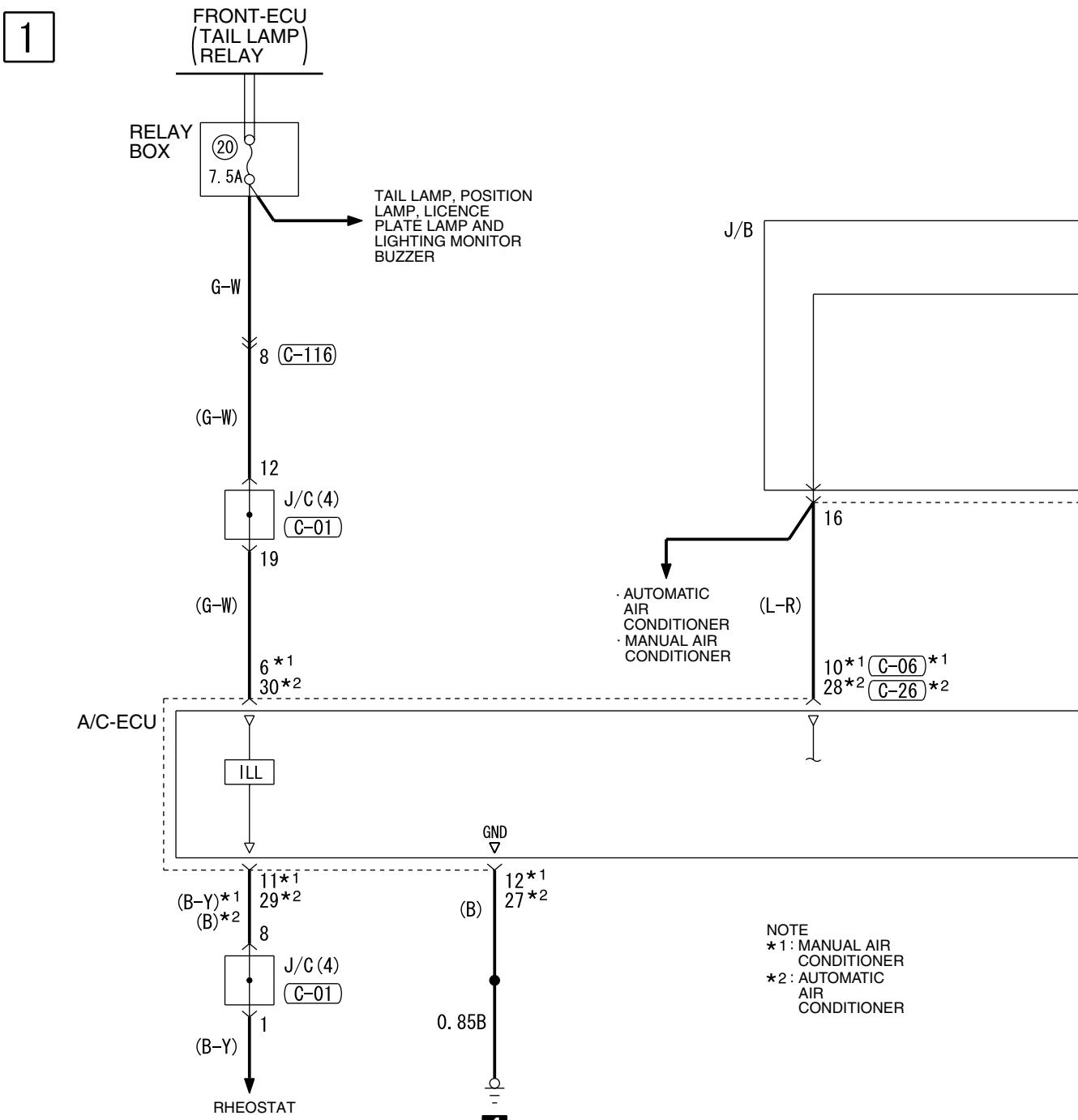


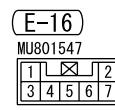
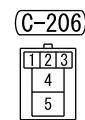
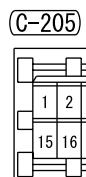
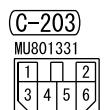
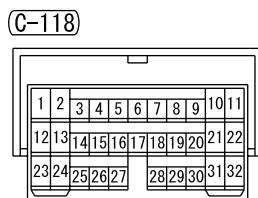
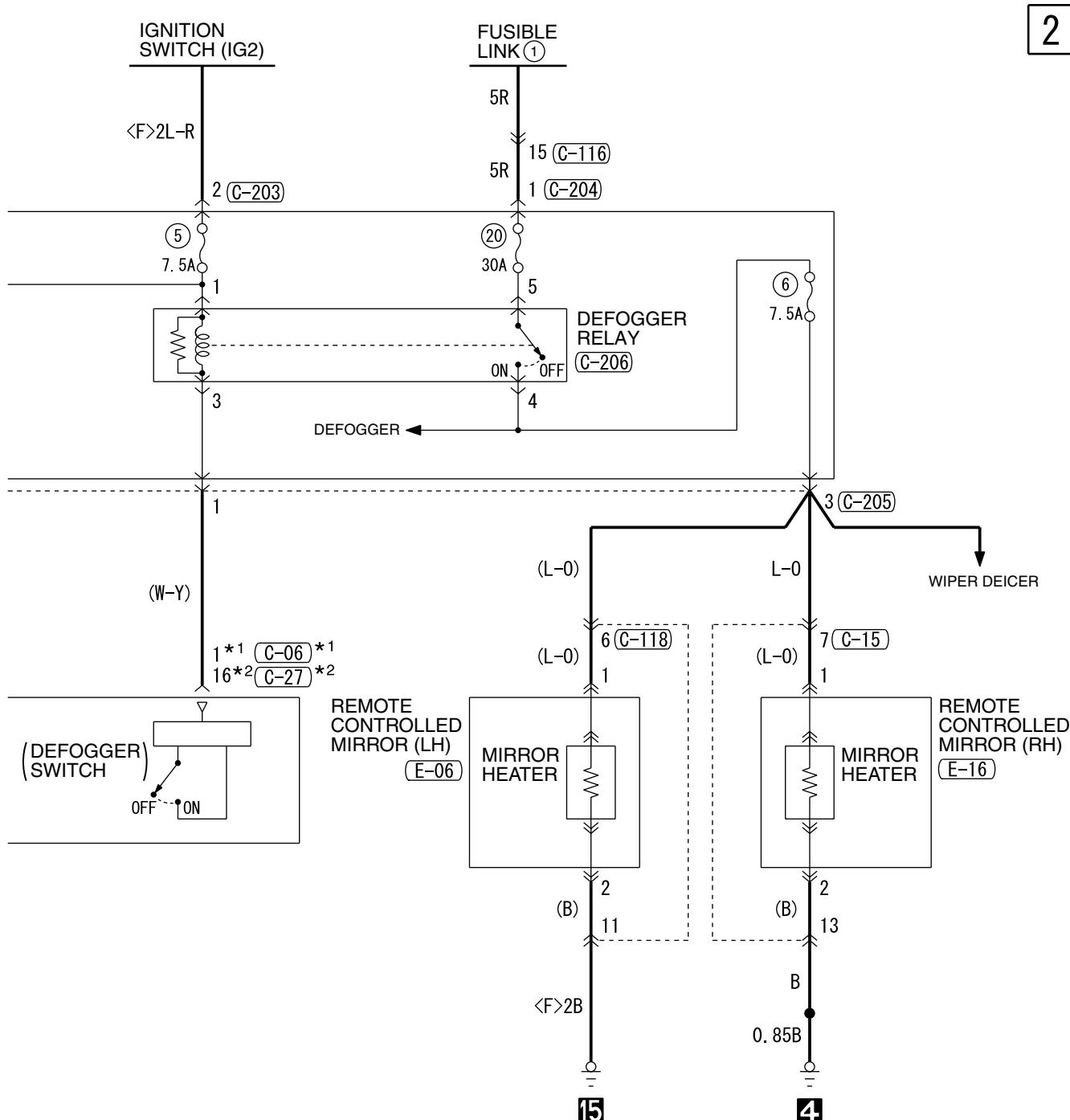
Wire colour code

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

## HEATED DOOR MIRROR

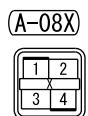
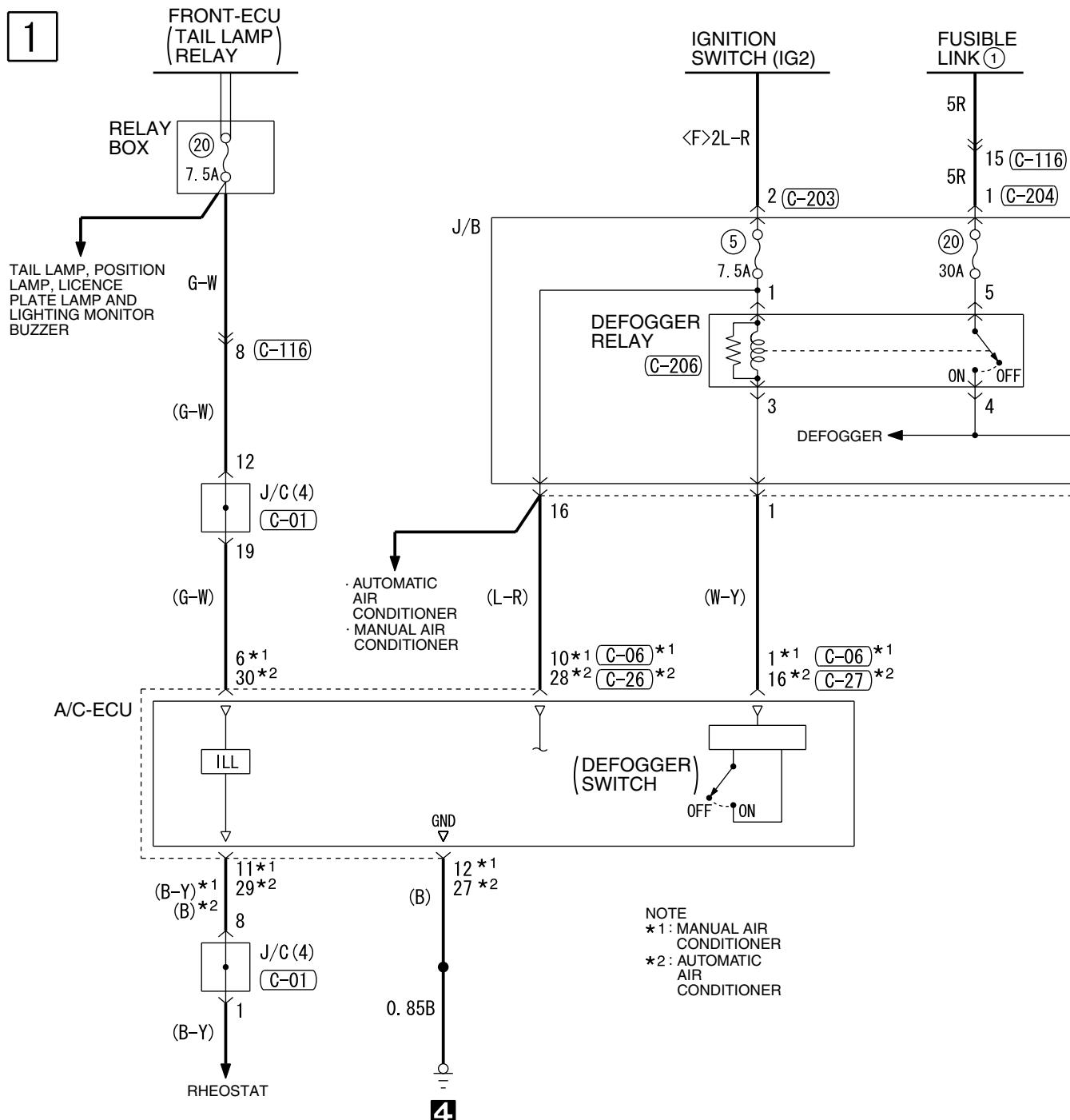
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## WIPER DEICER

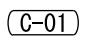
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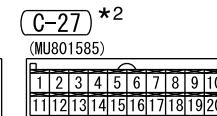
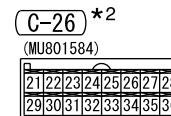
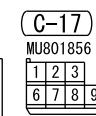
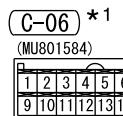
MU802601



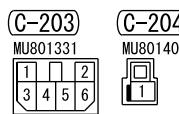
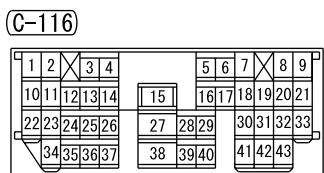
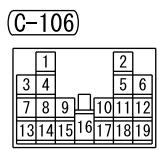
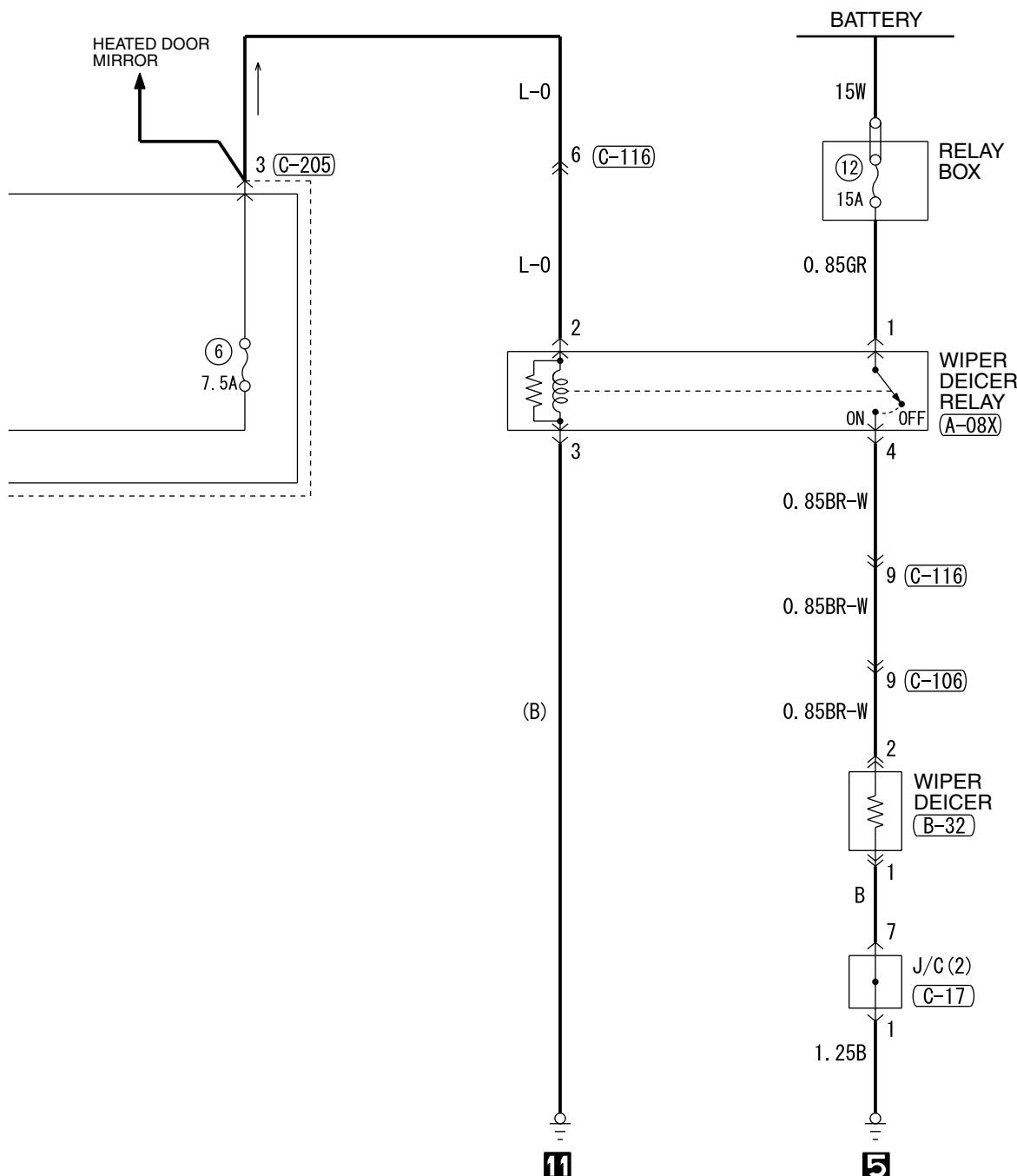
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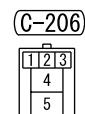
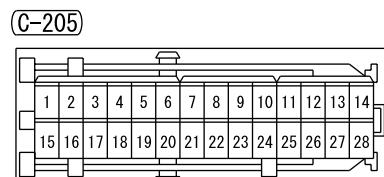
MU802601



2



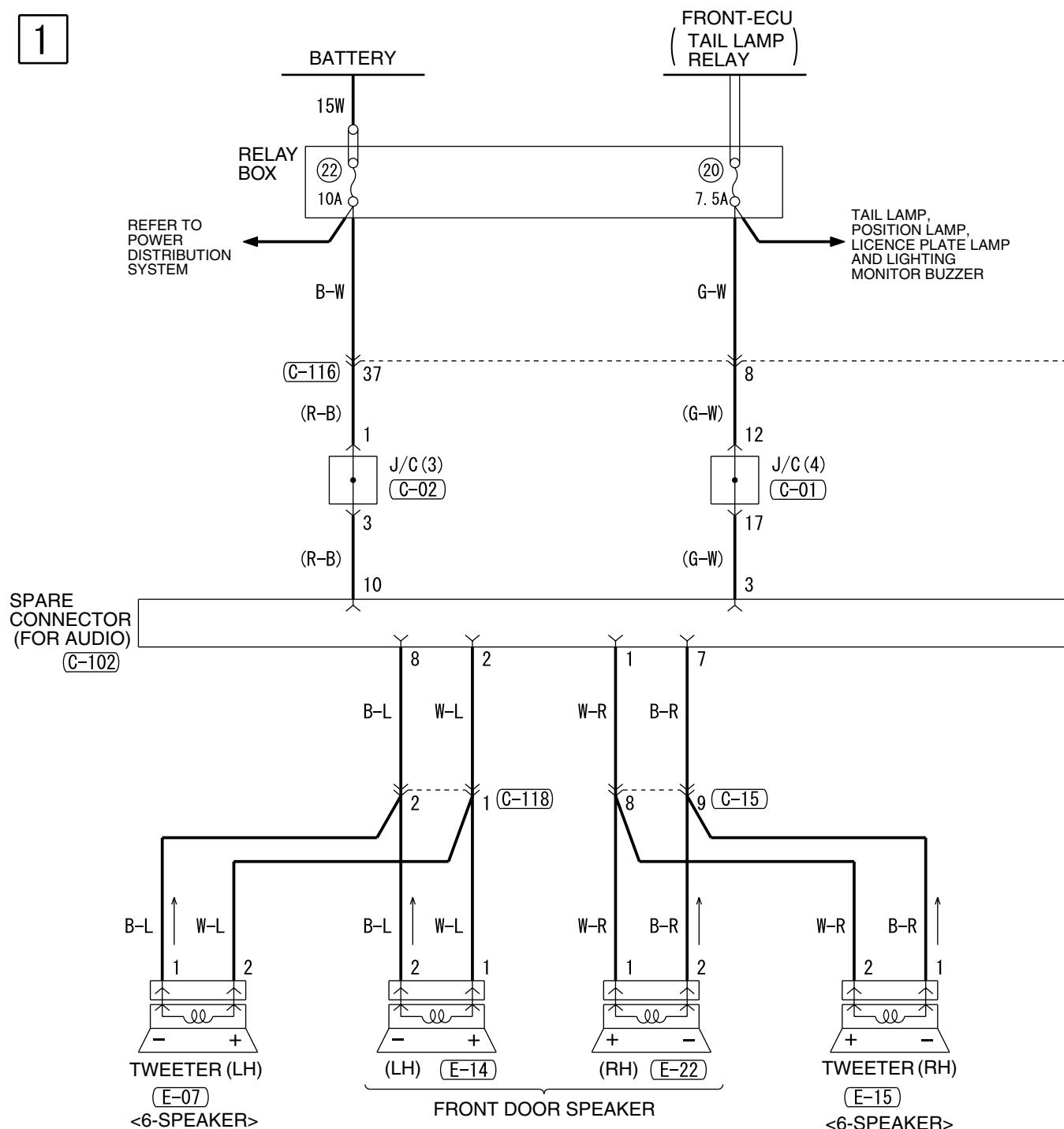
(C-204) MU801403



## SPARE CONNECTOR (FOR AUDIO)

M3030007600101

1

**C-01**

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

**C-02**

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

**C-13**

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

**C-15**

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

**C-102**

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

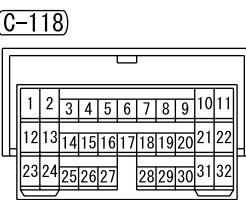
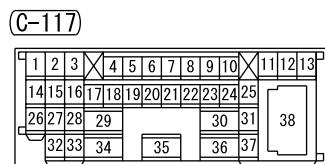
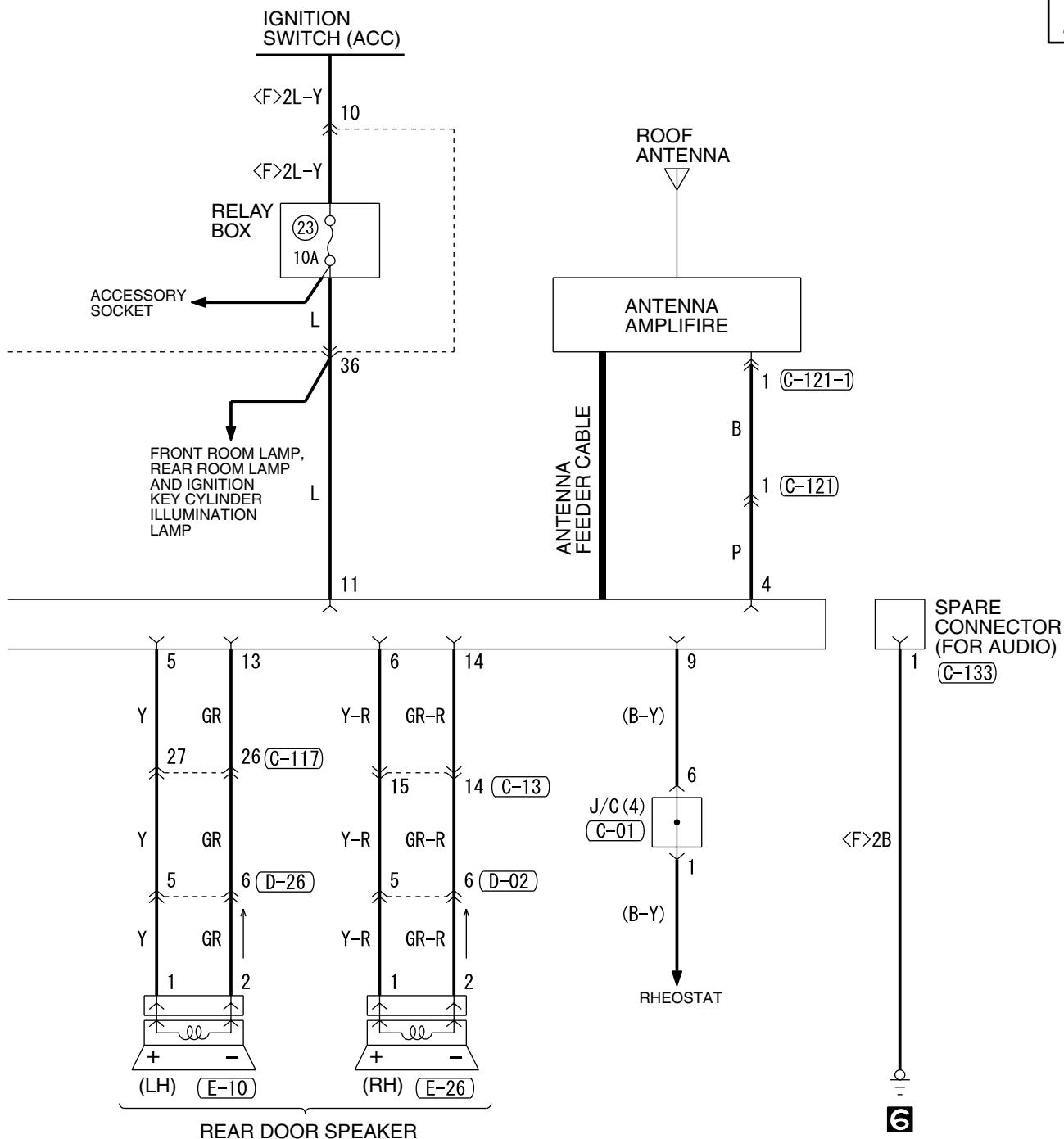
**C-116**

1	2	X	3	4	5	6	7	X	8	9
10	11	12	13	14	15	16	17	18	19	20
22	23	24	25	26	27	28	29	30	31	32
34	35	36	37		38	39	40	41	42	43

**E-07****E-10****E-14****E-15****E-22****E-26**

H3Z14E00AA

2

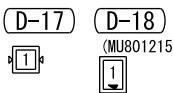
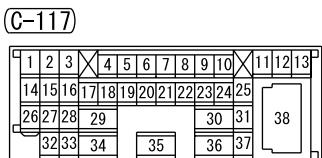
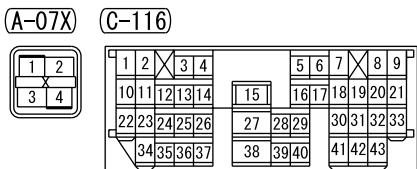
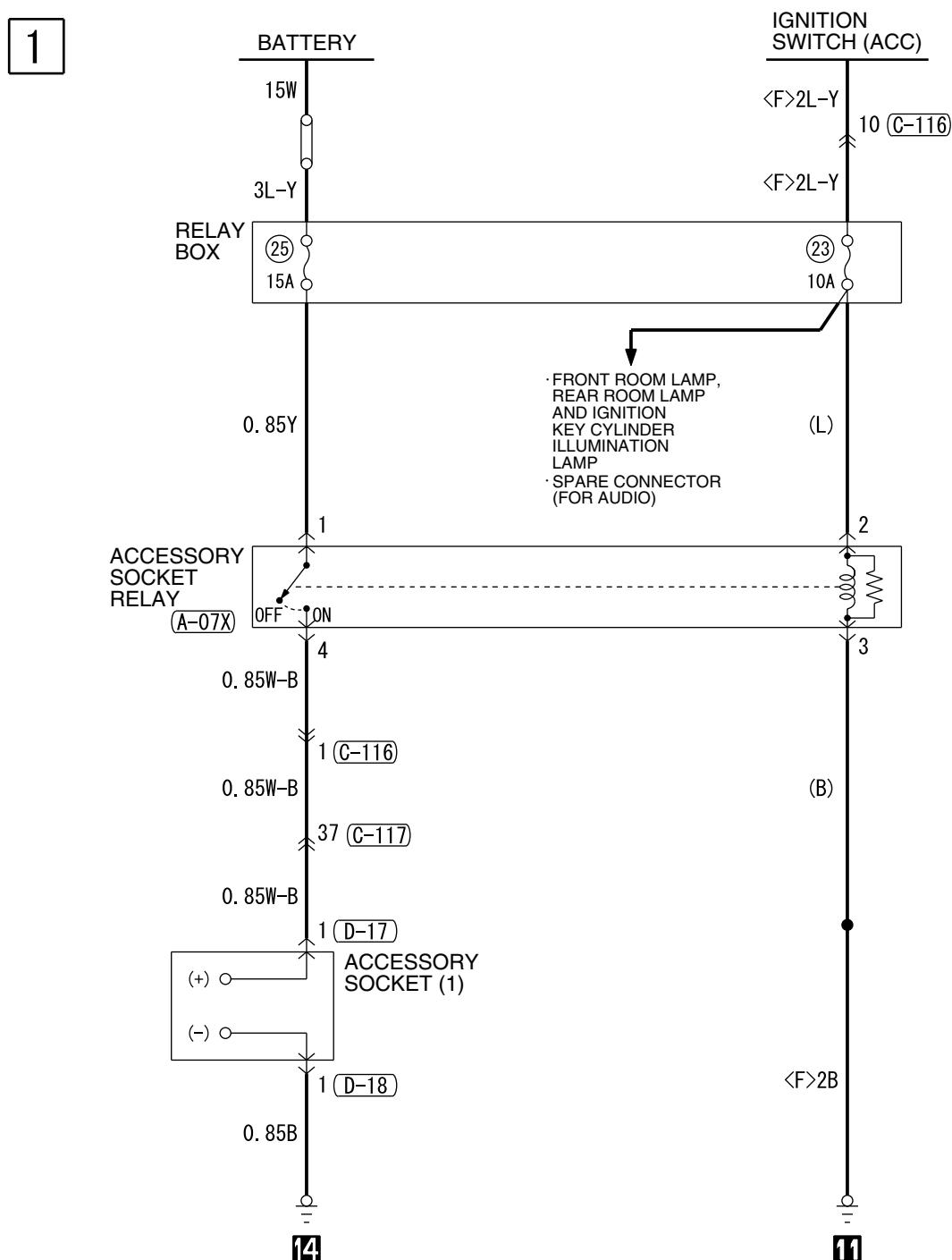


Wire colour code  
 B : Black    LG : Light green    G : Green    L : Blue  
 W : White    Y : Yellow    SB : Sky blue    BR : Brown  
 O : Orange    GR : Gray    R : Red    P : Pink    V : Violet

H3Z14E00AB

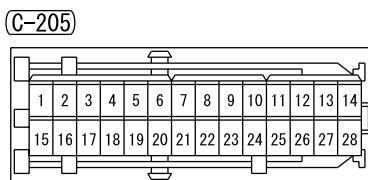
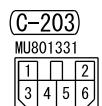
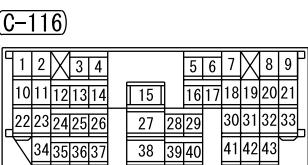
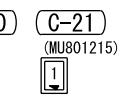
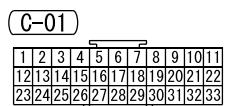
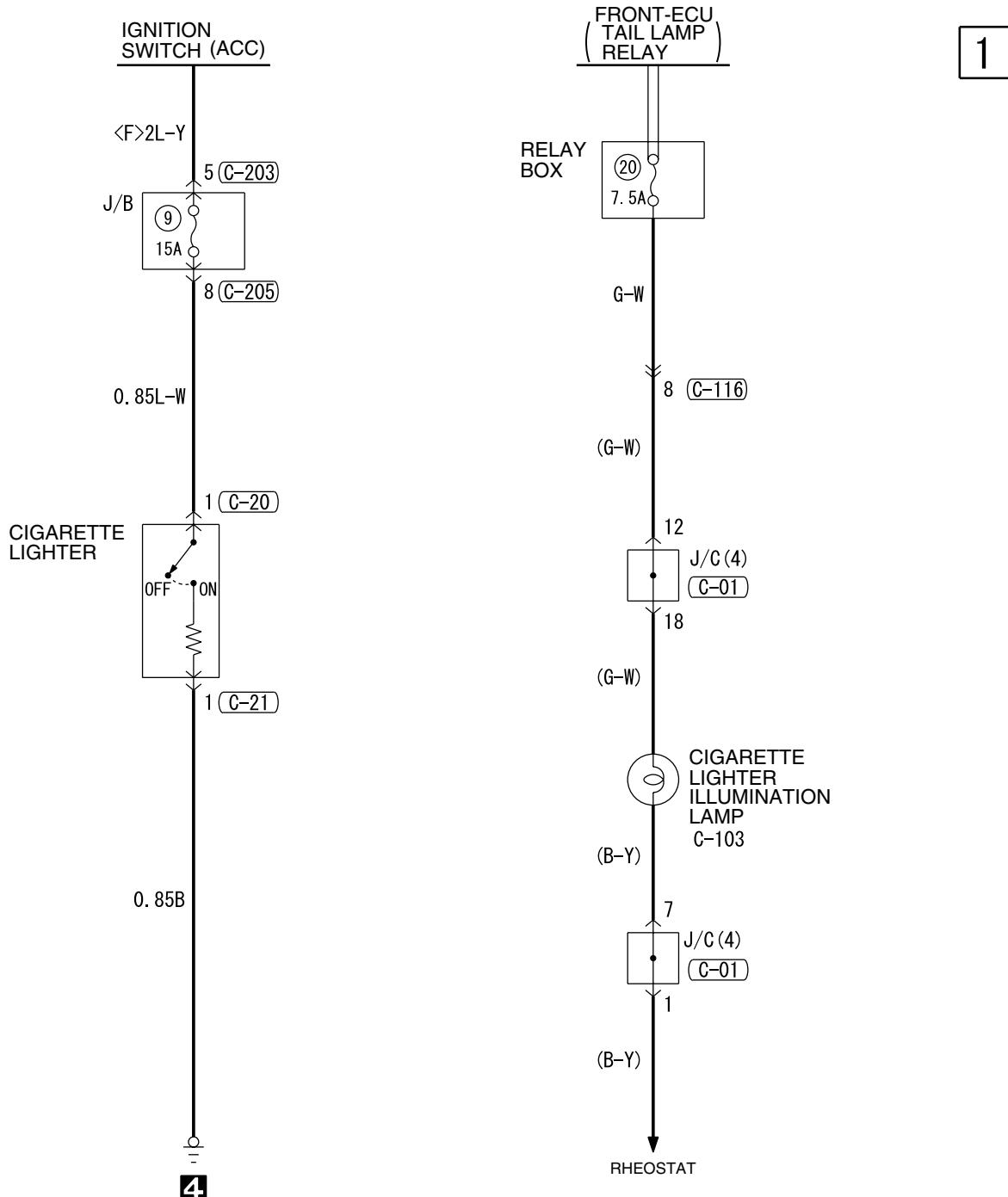
## **ACCESSORY SOCKET**

M3030007900050



# CIGARETTE LIGHTER

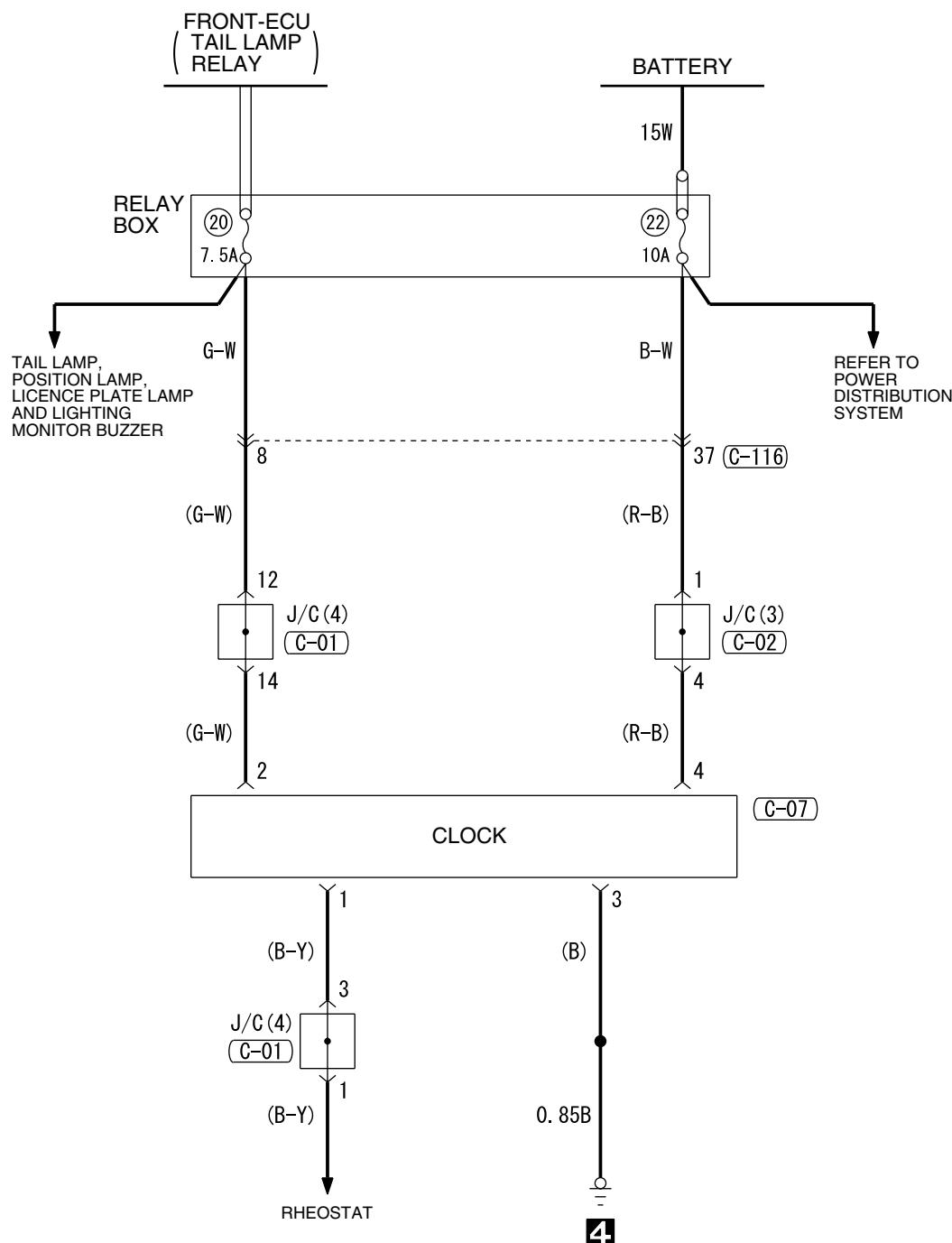
M3030007800150



## CLOCK

M3030007700153

1



C-01
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20 21 22

C-02
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20 21 22

C-07
MU801691

C-116
MU801691

1 2 3 4	5 6 7 8 9
10 11 12 13 14	15 16 17 18 19 20 21
22 23 24 25 26	27 28 29 30 31 32 33
34 35 36 37	38 39 40 41 42 43

Wire colour code

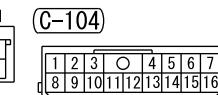
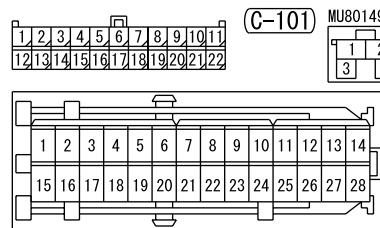
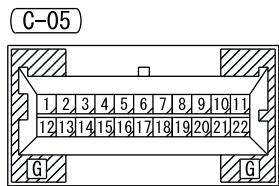
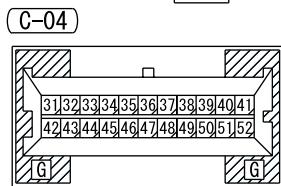
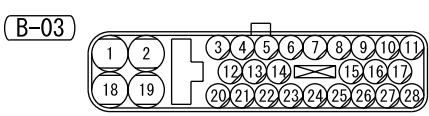
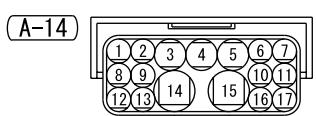
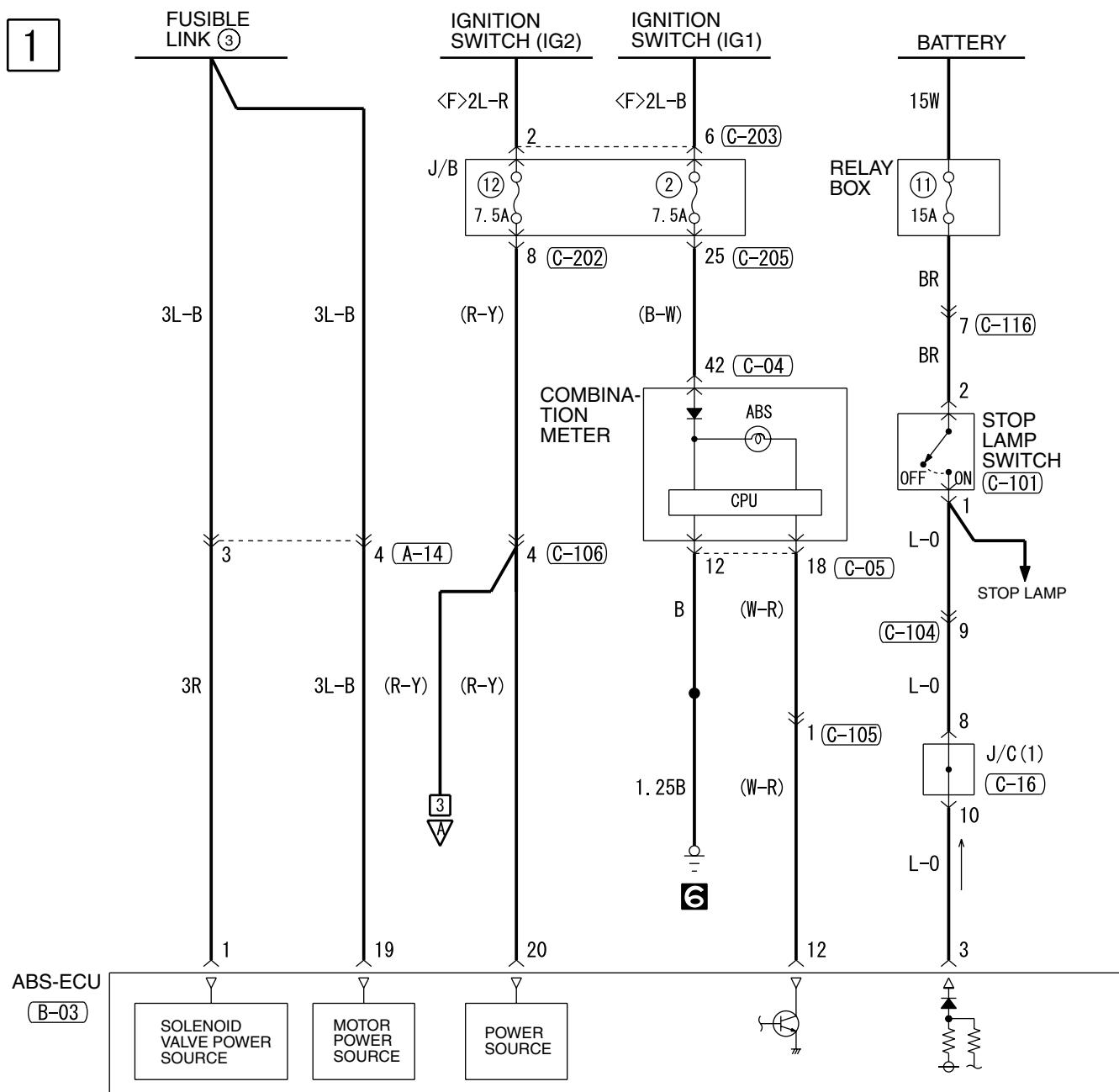
B : Black    LG : Light green    G : Green    L : Blue    W : White    Y : Yellow    SB : Sky blue  
 BR : Brown    O : Orange    GR : Gray    R : Red    P : Pink    V : Violet

H3Z14E03AA

**NOTES**

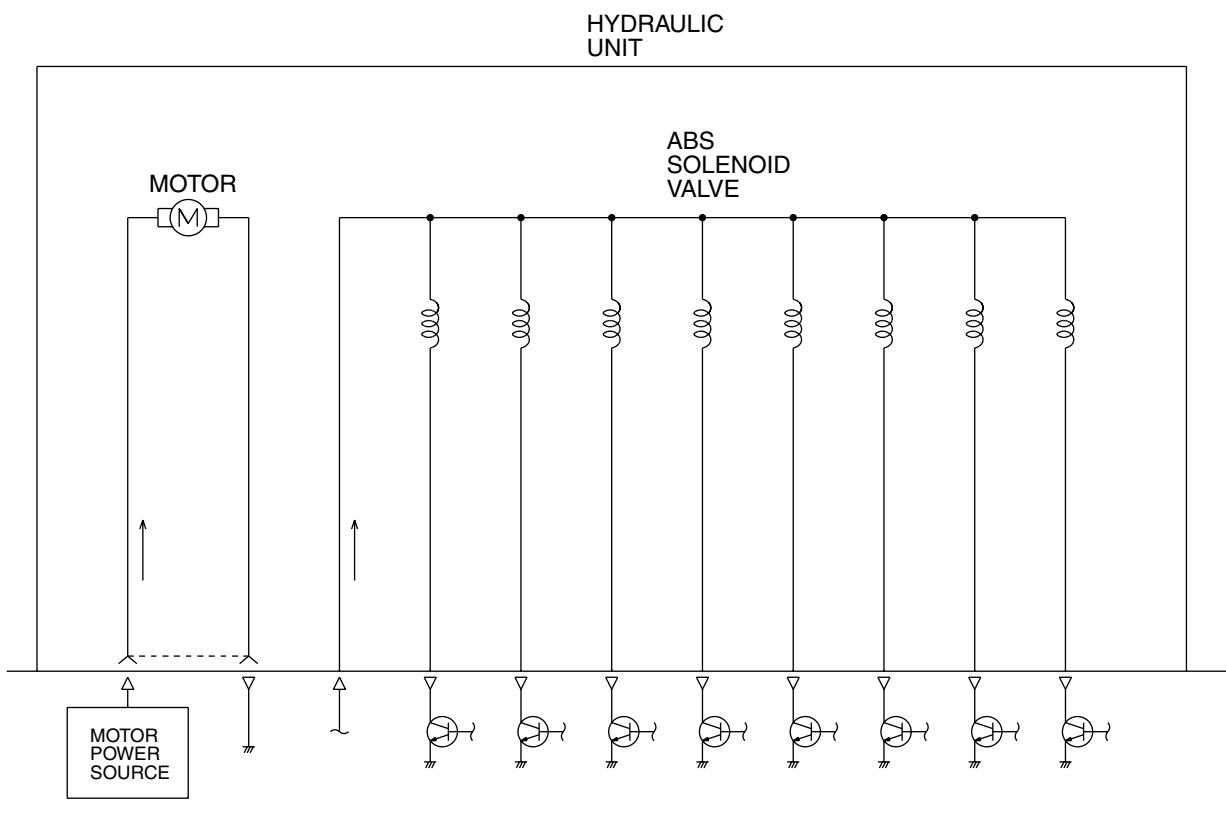
## ANTI-SKID BRAKING SYSTEM (ABS)

M3030008400263



H3Z15E00AA

2



(C-105) MU803901									
1	2	3	4	○	5	6	7	8	9
10	11	12	13	14	15	16	17	18	19
20	21	22							

(C-106)	
1	2
3	4
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	24
25	26
27	28
29	30
31	32
33	34
35	36
37	38
39	40
41	42
43	

(C-116)									
1	2	X	3	4	5	6	7	X	8
10	11	12	13	14	15	16	17	18	19
22	23	24	25	26	27	28	29	30	31
32	33	34	35	36	37	38	39	40	41
42	43								

(C-202) MU801857									
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43							

(C-203) MU801331					
1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18

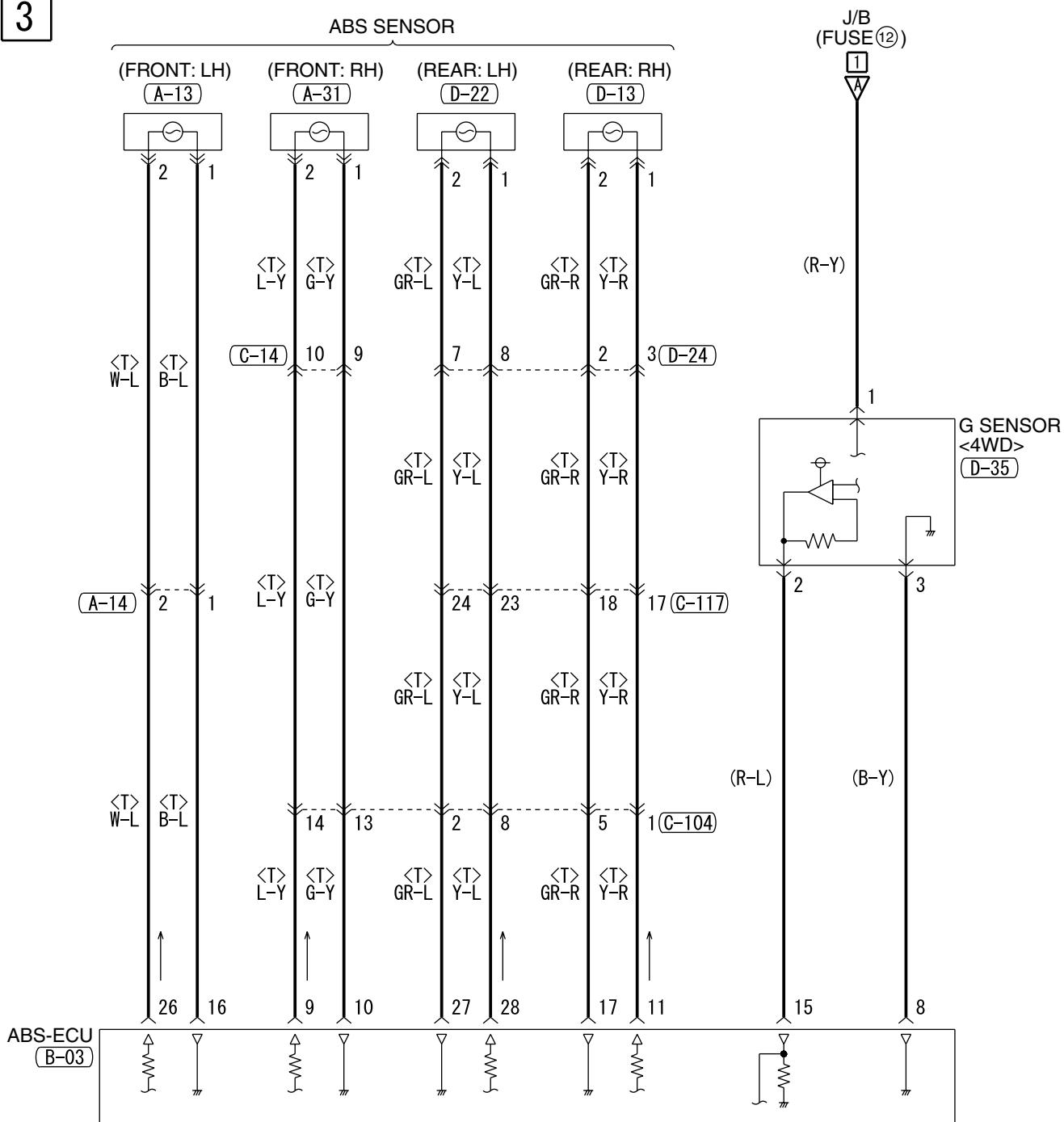
Wire colour code

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

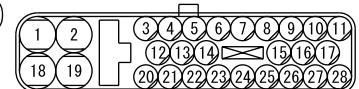
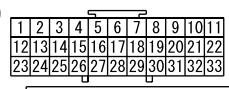
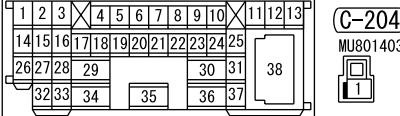
H3Z15E00AB

**ANTI-SKID BRAKING SYSTEM (ABS) (CONTINUED)**

3

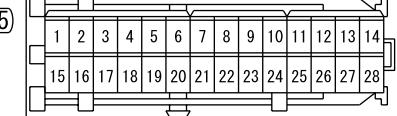


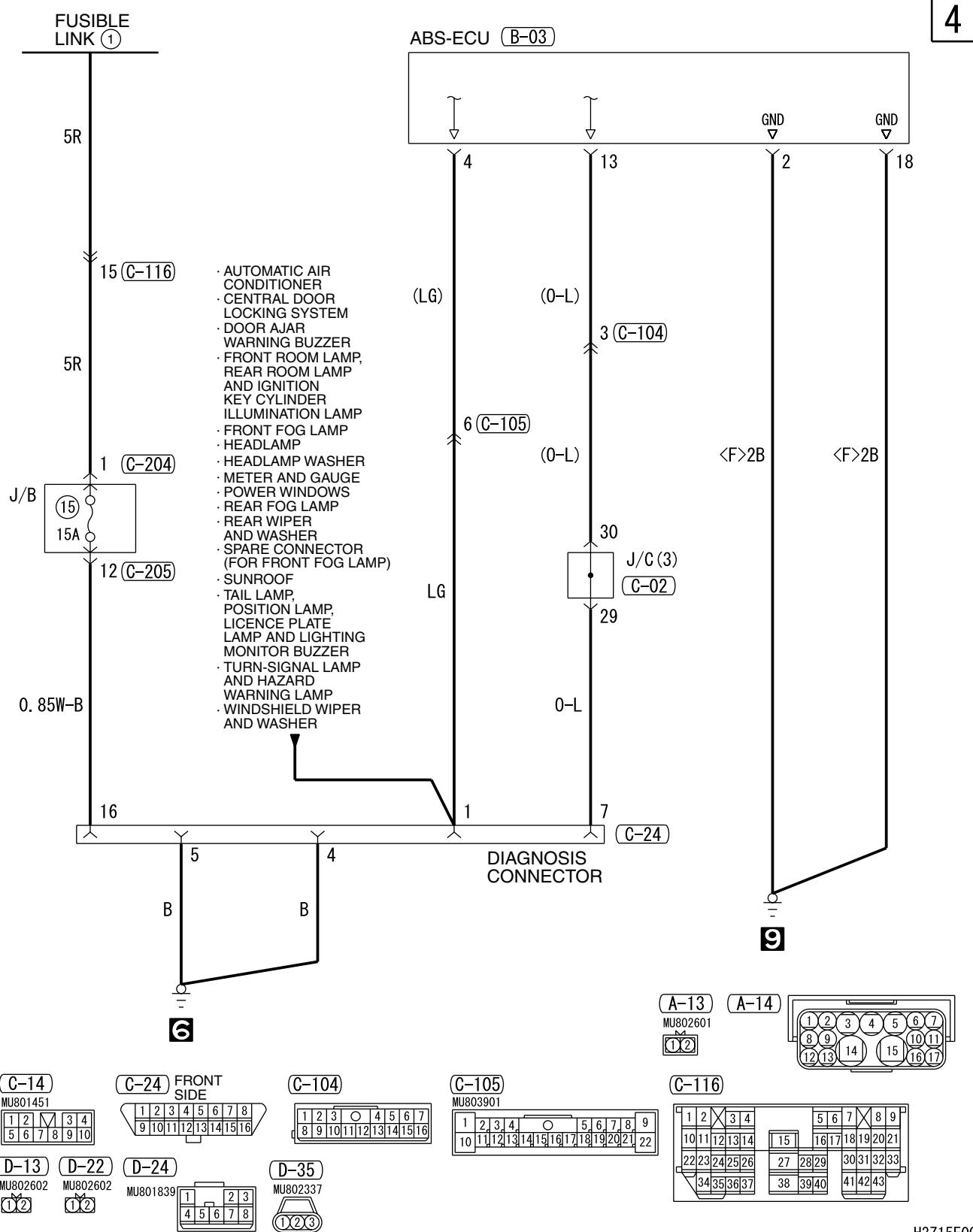
**A-31** **B-03**  
MU802601  
(12)

**C-02****C-117****C-204**

MU801403

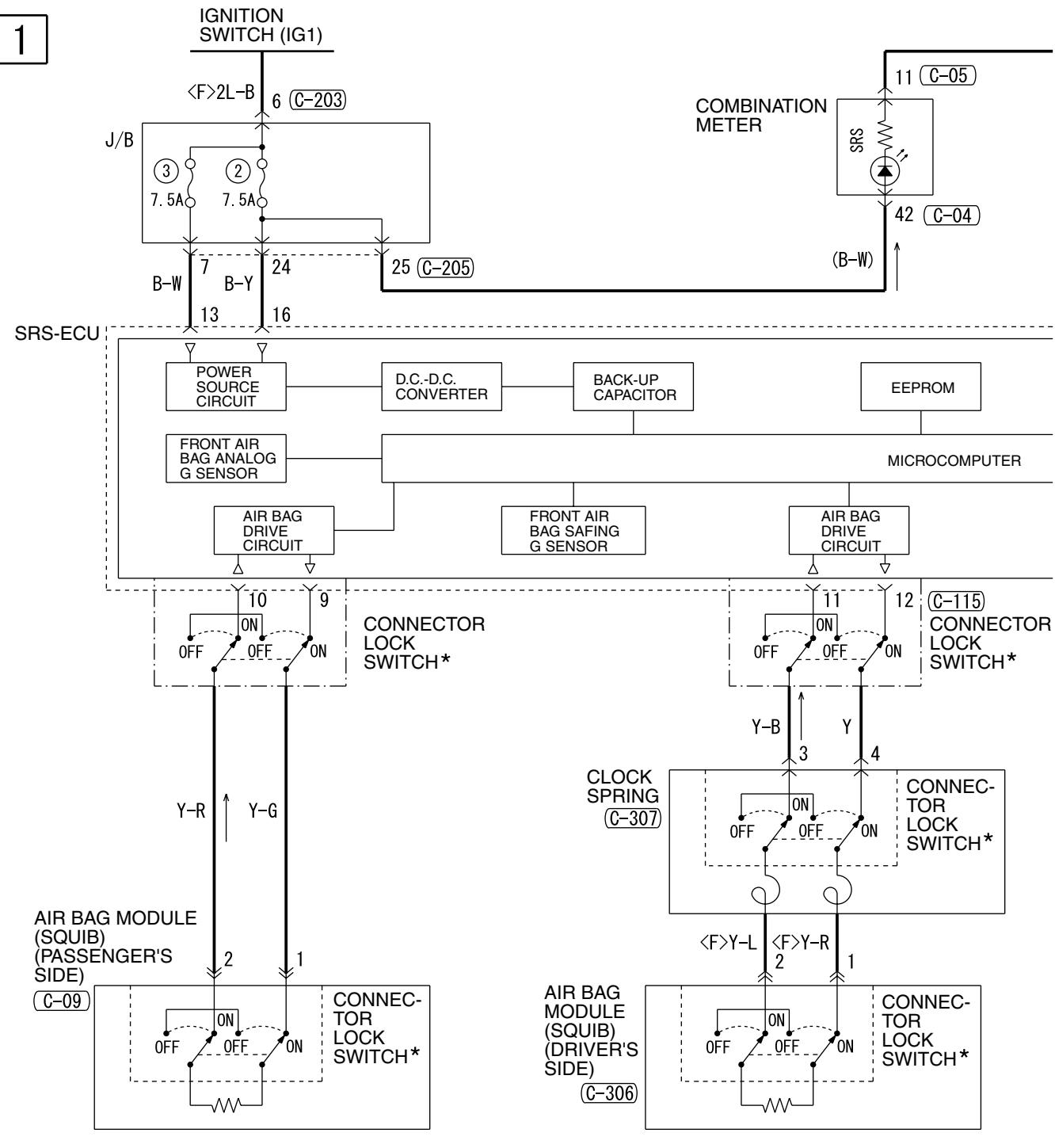
(1)

**C-205**

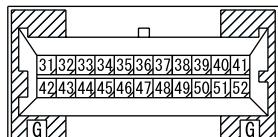


## SUPPLEMENTAL RESTRAINT SYSTEM (SRS)

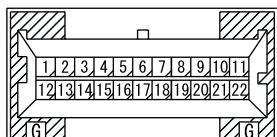
M3030009700160



(C-04)



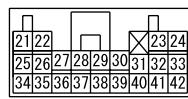
(C-05)



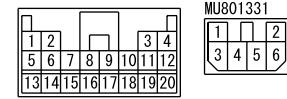
(C-09)



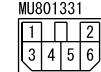
(C-114)



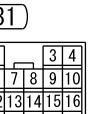
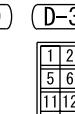
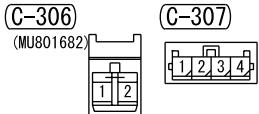
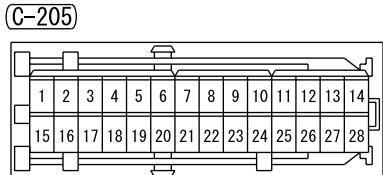
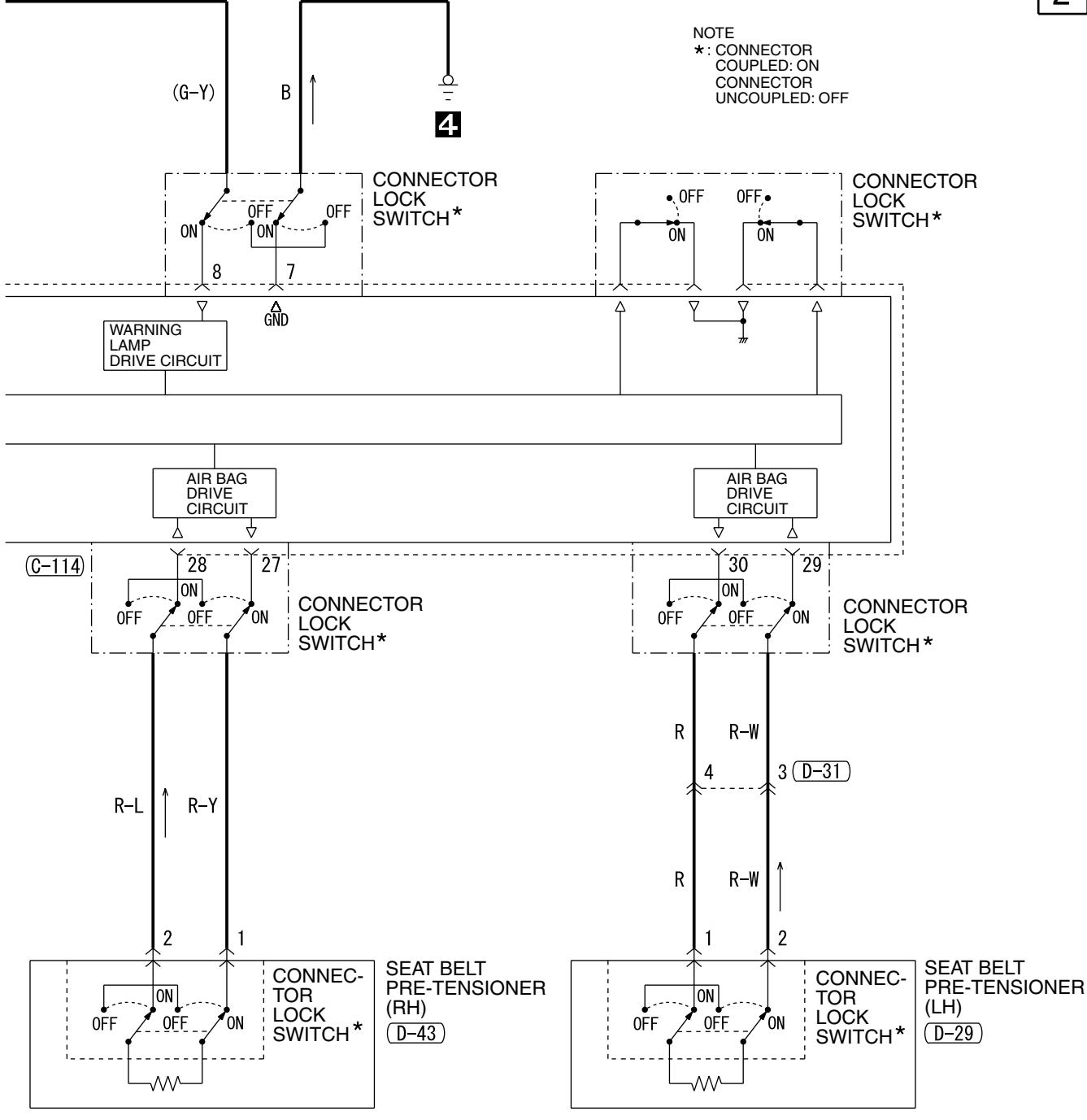
(C-115)



(C-203)



2

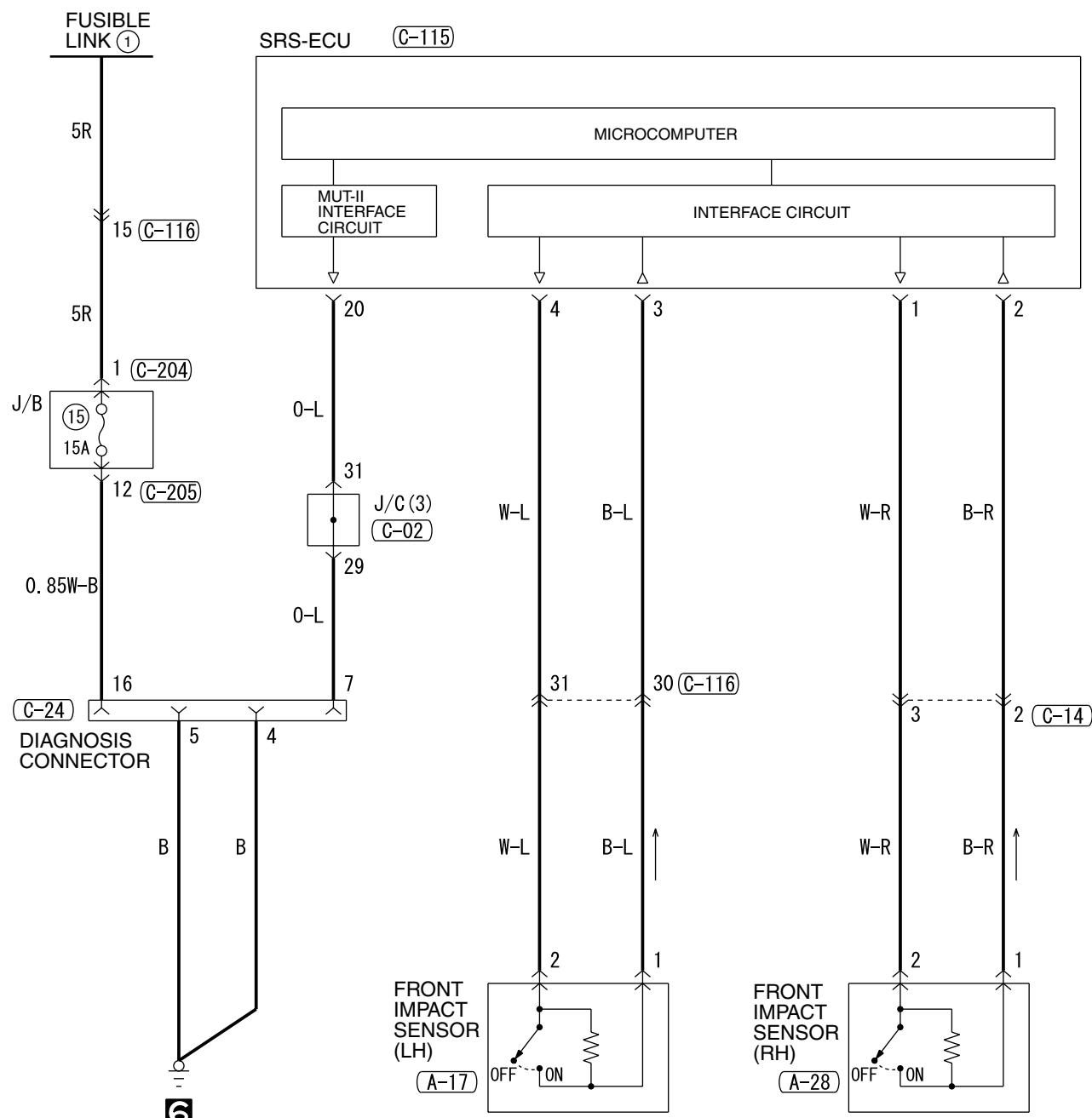


Wire colour code

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

**SUPPLEMENTAL RESTRAINT SYSTEM (SRS) (CONTINUED)**

3



(A-17) (A-28) (C-02)



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

(C-14)

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

MU801451

(C-24) FRONT SIDE

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

(C-114)

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

34 35 36 37 38 39 40 41 42

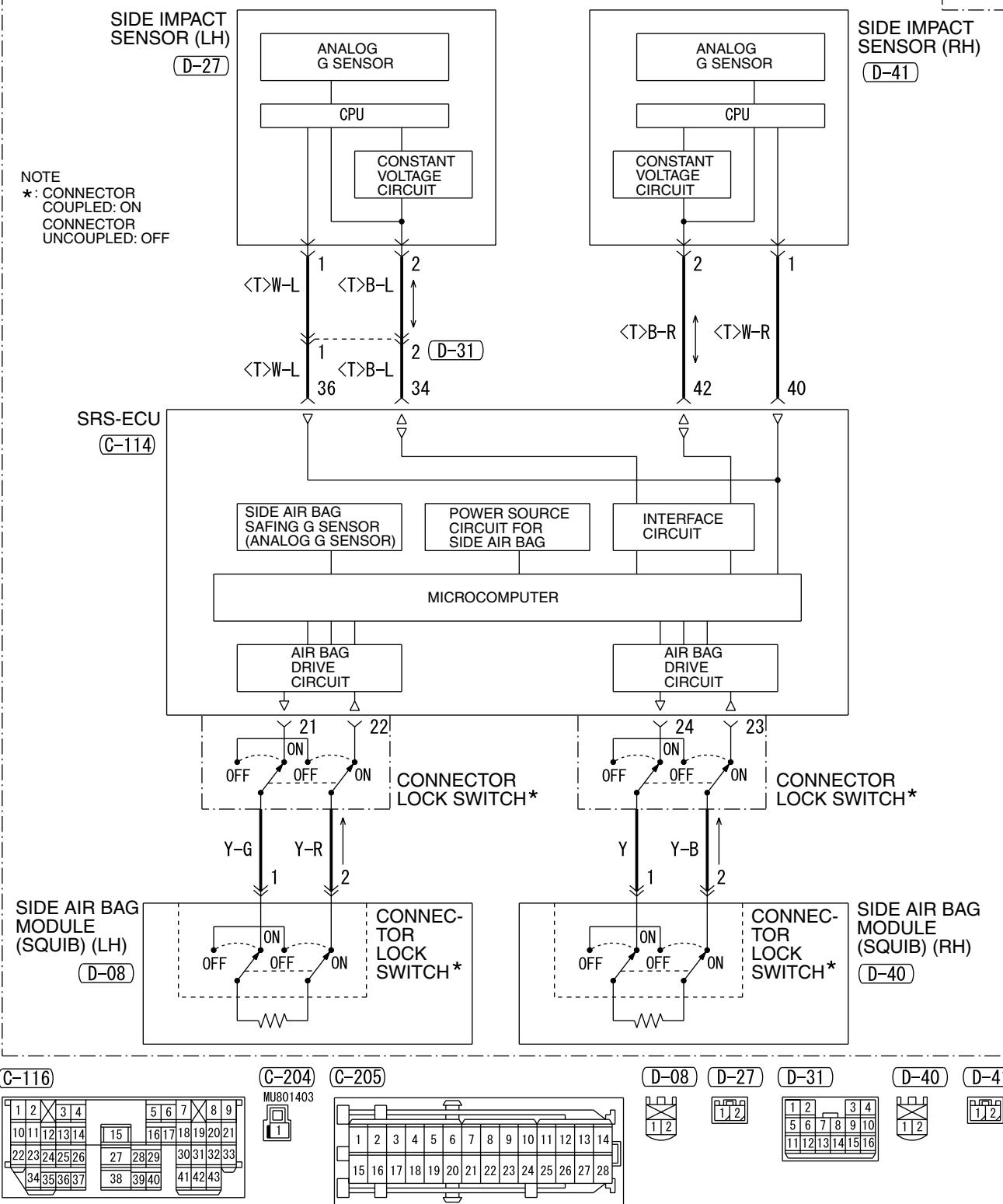
(C-115)

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

13 14 15 16 17 18 19 20

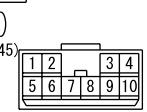
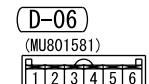
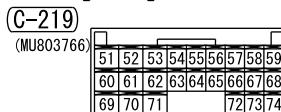
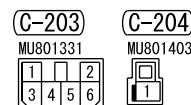
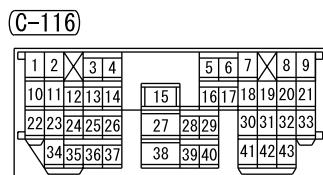
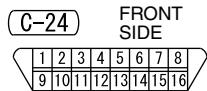
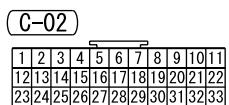
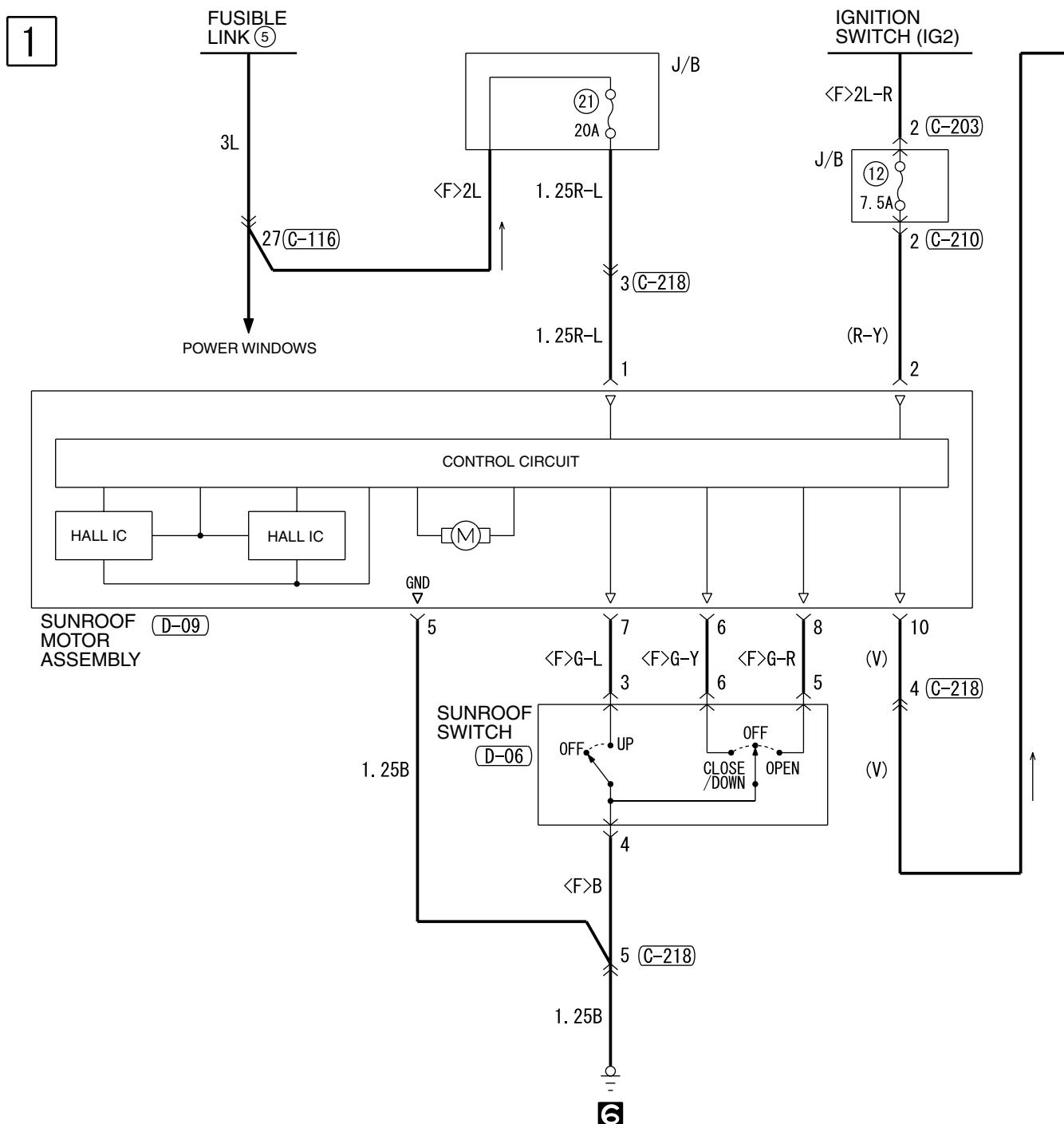
<VEHICLES WITH SIDE AIR BAG>

4

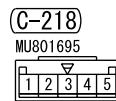
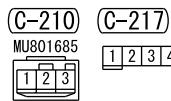
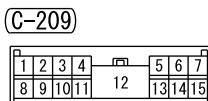
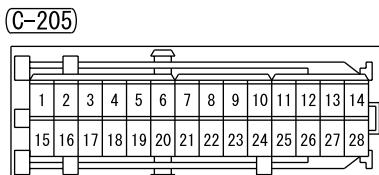
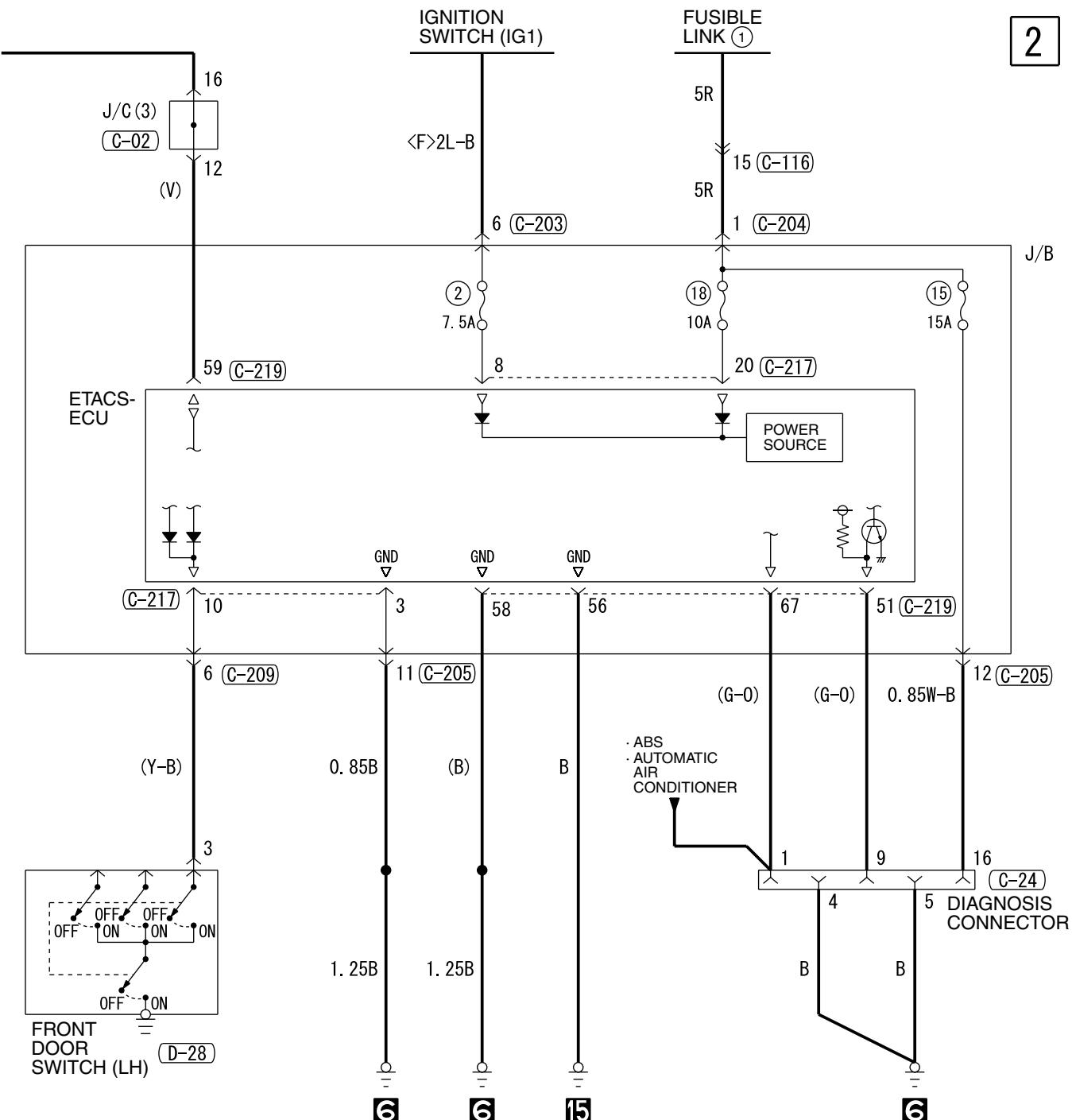


## SUNROOF

M3030009900142

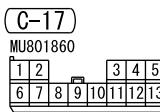
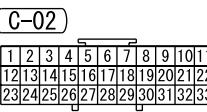
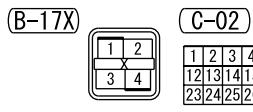
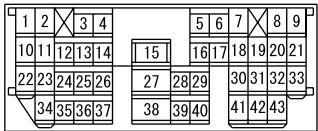
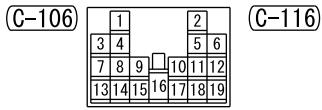
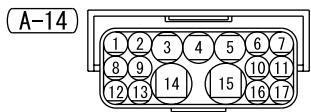
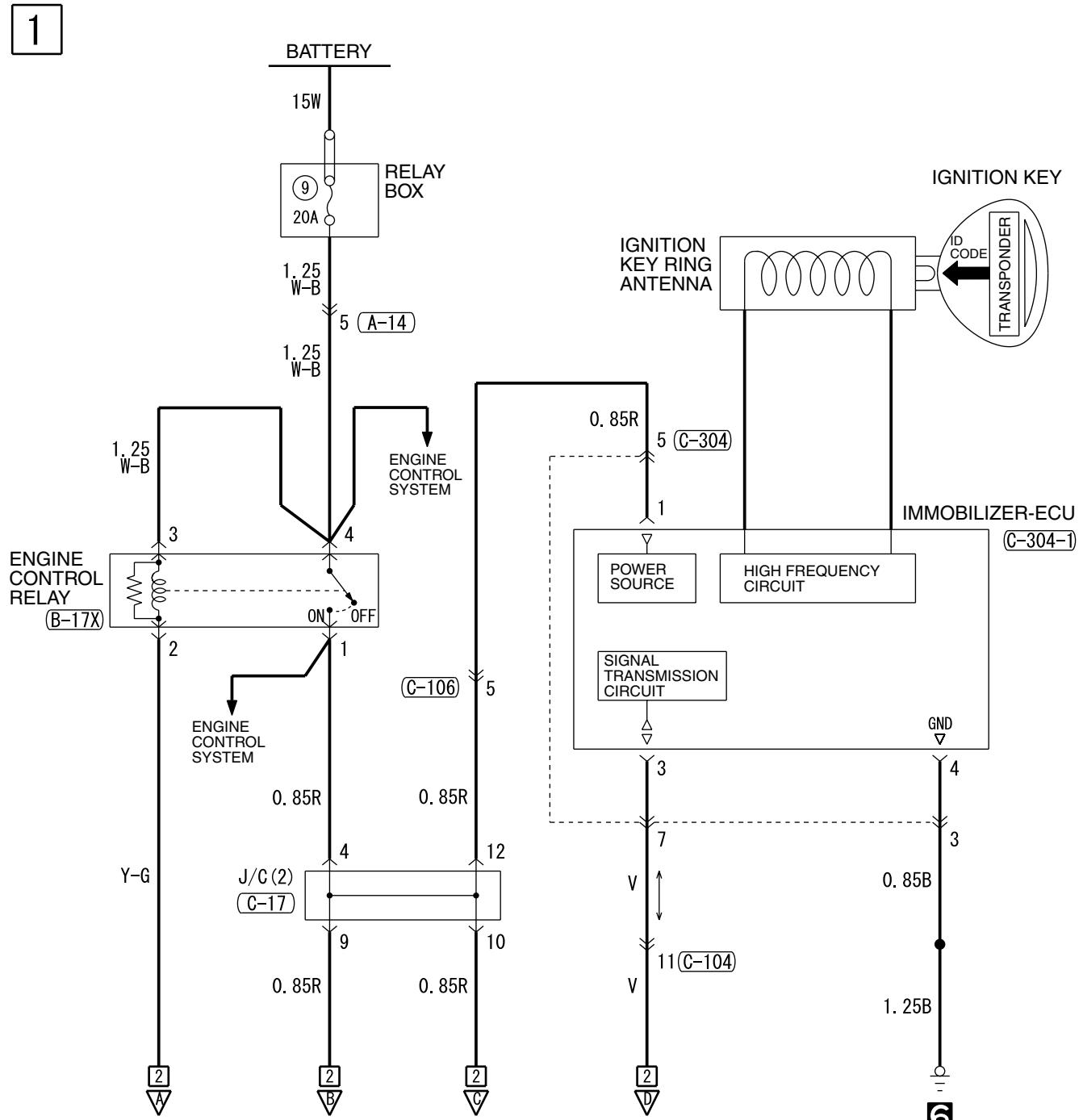


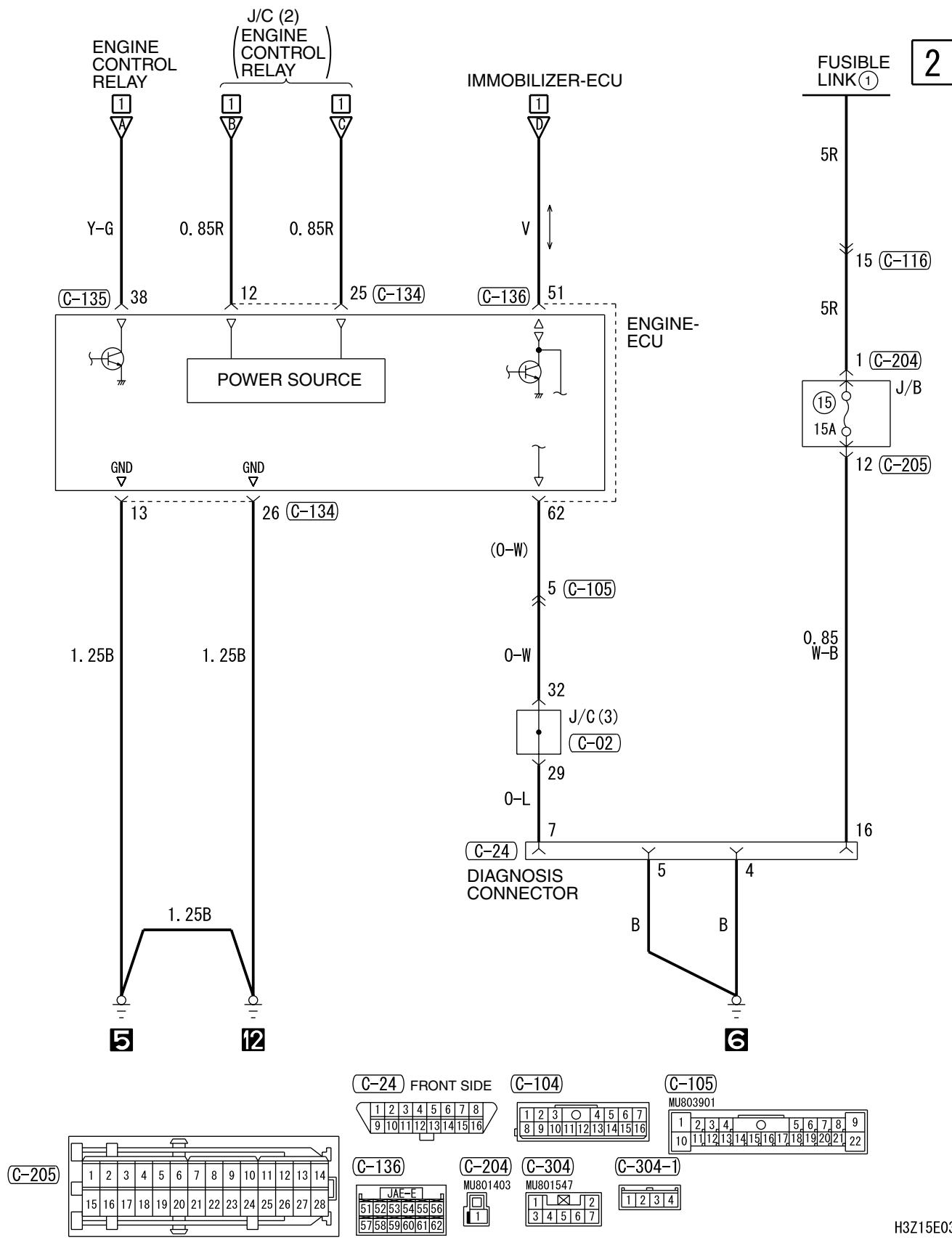
H3Z15E02AA



## **IMMOBILIZER SYSTEM**

M3030013600069

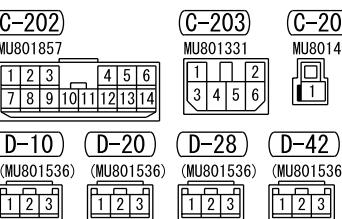
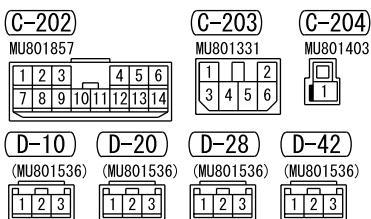
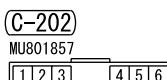
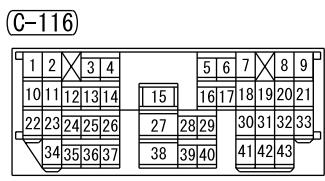
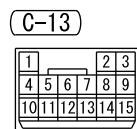
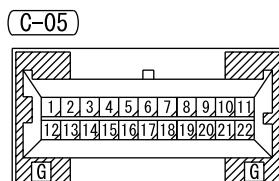
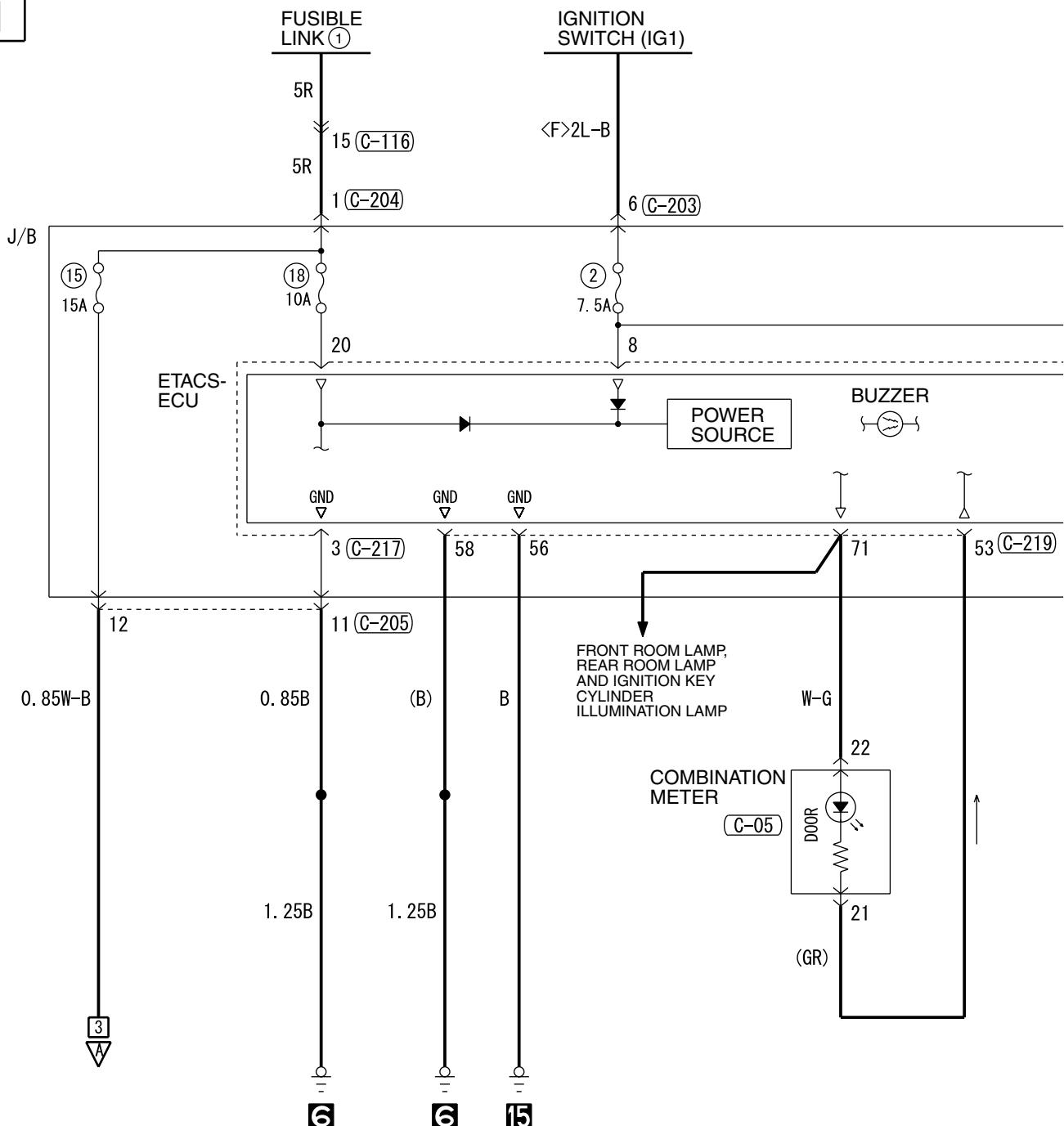




## DOOR AJAR WARNING BUZZER

M3030016600091

1

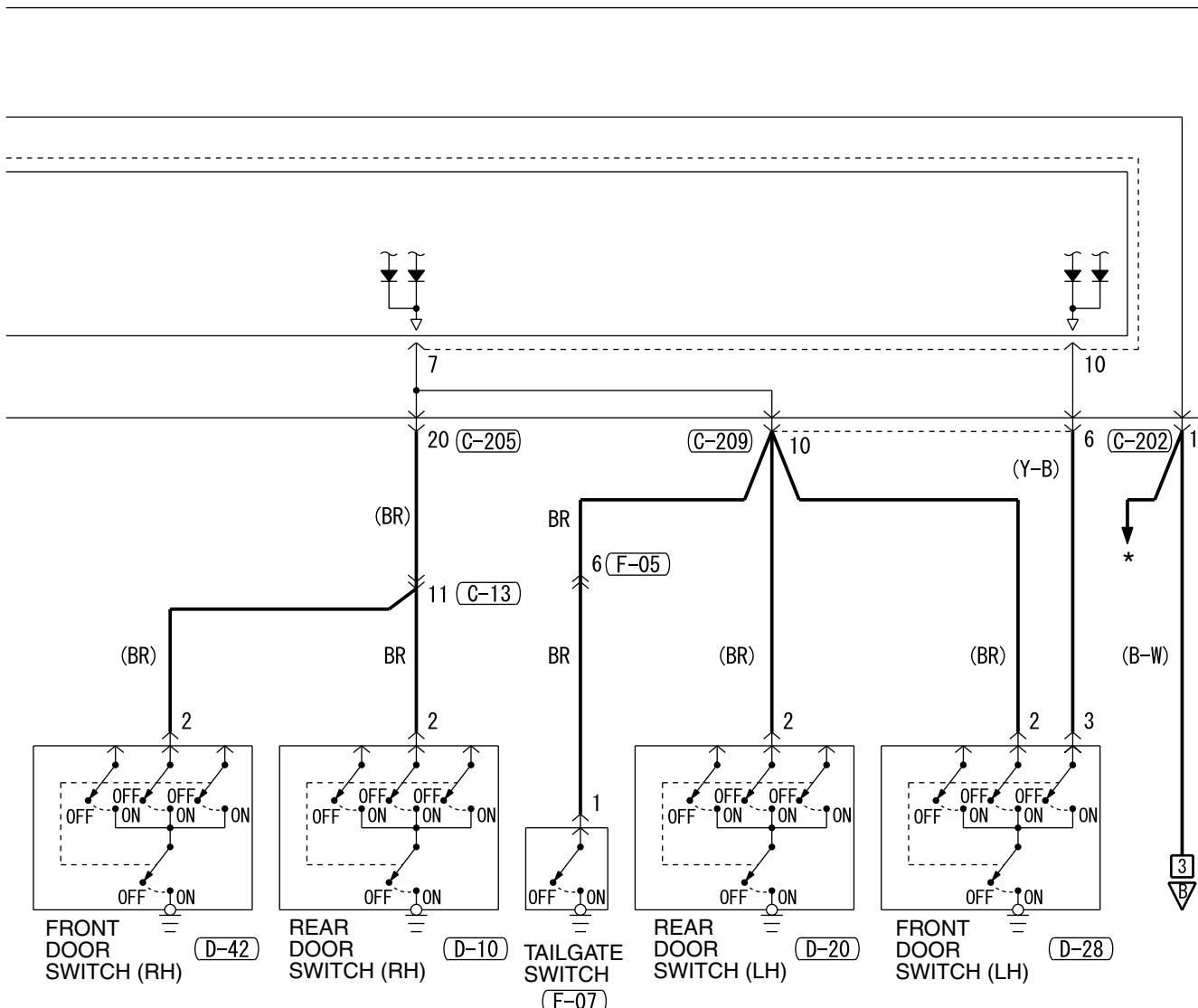


H3Z15E04AA

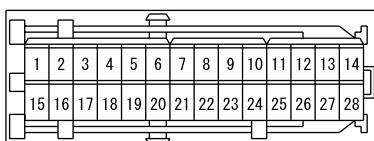
NOTE

- \* : ENGINE CONTROL SYSTEM
- FRONT FOG LAMP
- HEADLAMP
- HEADLAMP WASHER
- METER AND GAUGE
- REAR FOG LAMP
- REAR WIPER AND WASHER
- SPARE CONNECTOR (FOR FRONT FOG LAMP)
- TAIL LAMP, POSITION LAMP, LICENCE PLATE LAMP AND LIGHTING MONITOR BUZZER
- TURN-SIGNAL LAMP AND HAZARD WARNING LAMP
- WINDSHIELD WIPER AND WASHER

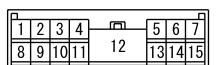
2



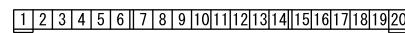
(C-205)



(C-209)



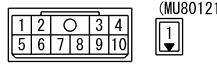
(C-217)



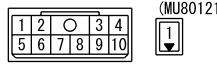
(C-219)

(MU803766)	
51	52
53	54
55	56
57	58
59	59
60	61
62	63
64	65
66	66
67	67
68	68
69	70
71	72
73	74

(F-05)



(F-07)



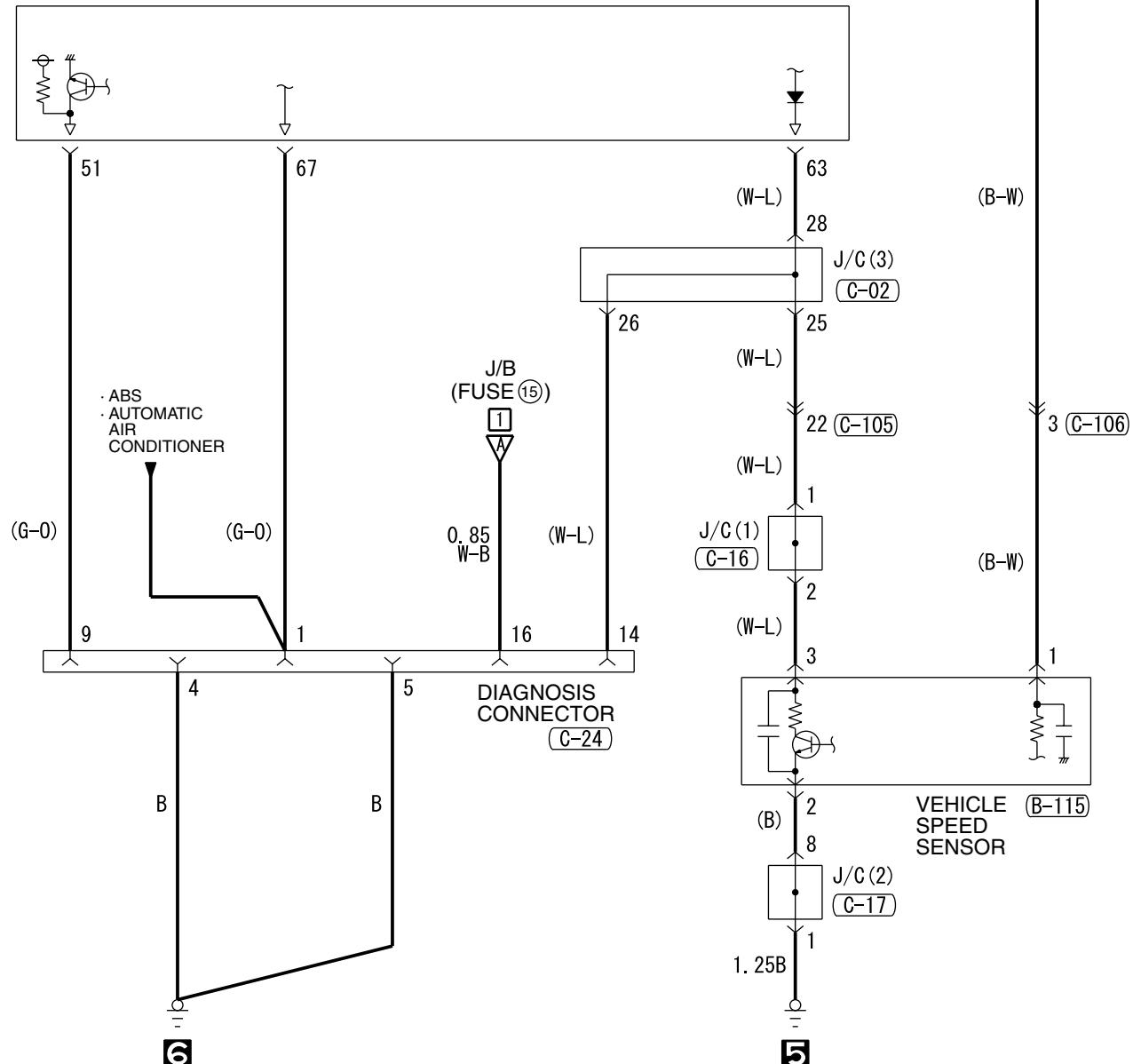
Wire colour code

- |            |                  |               |            |
|------------|------------------|---------------|------------|
| 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    |            |
- H3Z15E04AB

## DOOR AJAR WARNING BUZZER (CONTINUED)

3

ETACS-ECU (C-219)



(B-115)	(C-02)
(MU802723)	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 <b>1 2 3</b>

(C-16)

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

(C-17)	MU801856
1 2 3 6 7 8 9 10 11 12 13	4 5

(C-24)	FRONT SIDE
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	5 6 7 8 9 10 11 12 13 14 15 16

(C-105)	MU803901
1 2 3 4 10 11 12 13 14 15 16 17 18 19 20 21 22	5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22

(C-106)

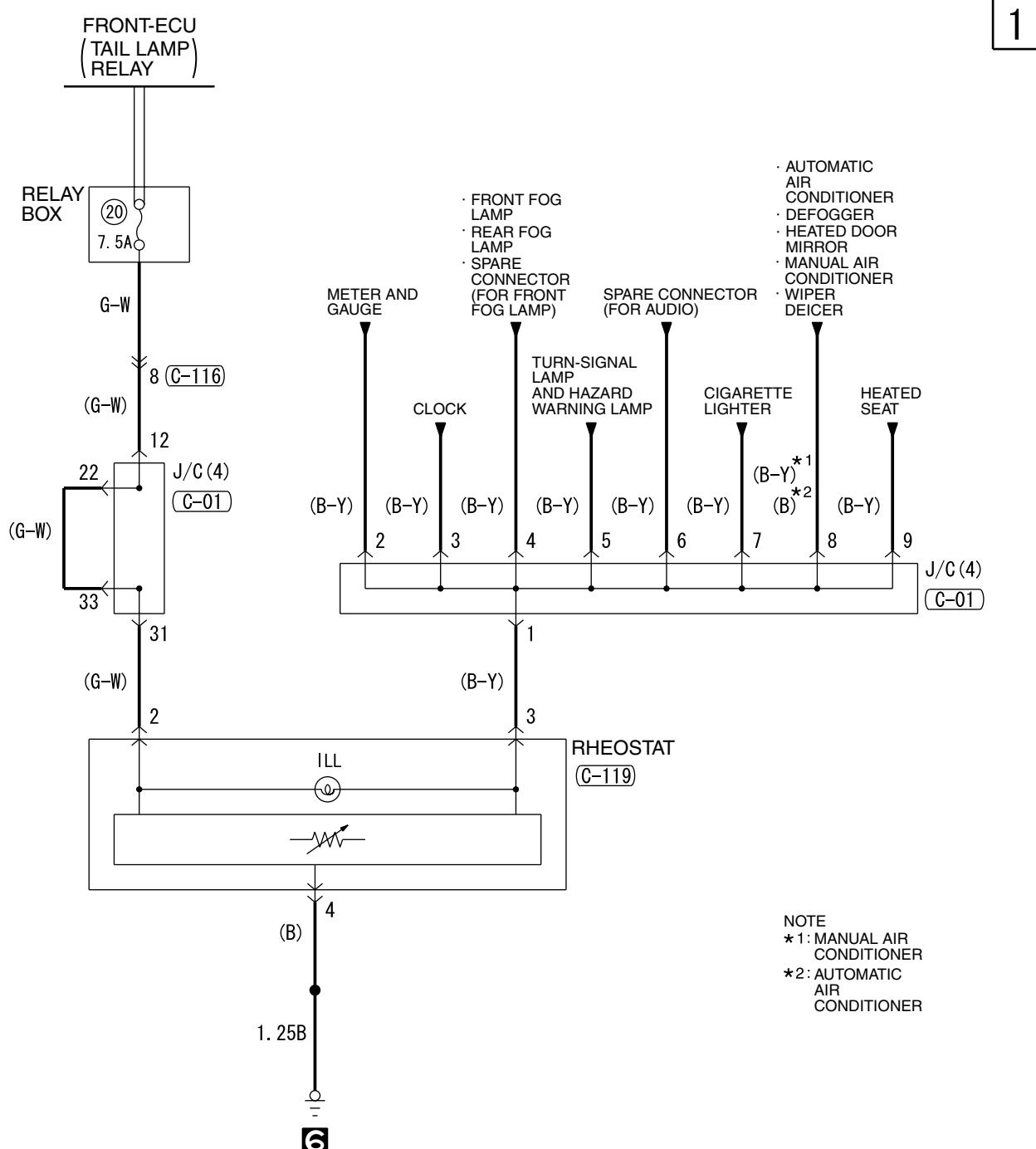
1 3 4 7 8 9 13 14 15 16 17 18 19	2 5 6 10 11 12
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(C-219)

(MU803766)
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RHEOSTAT

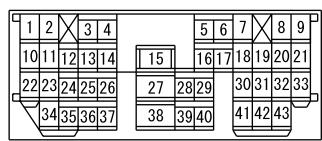
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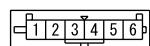
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(C-116)



(C-119)



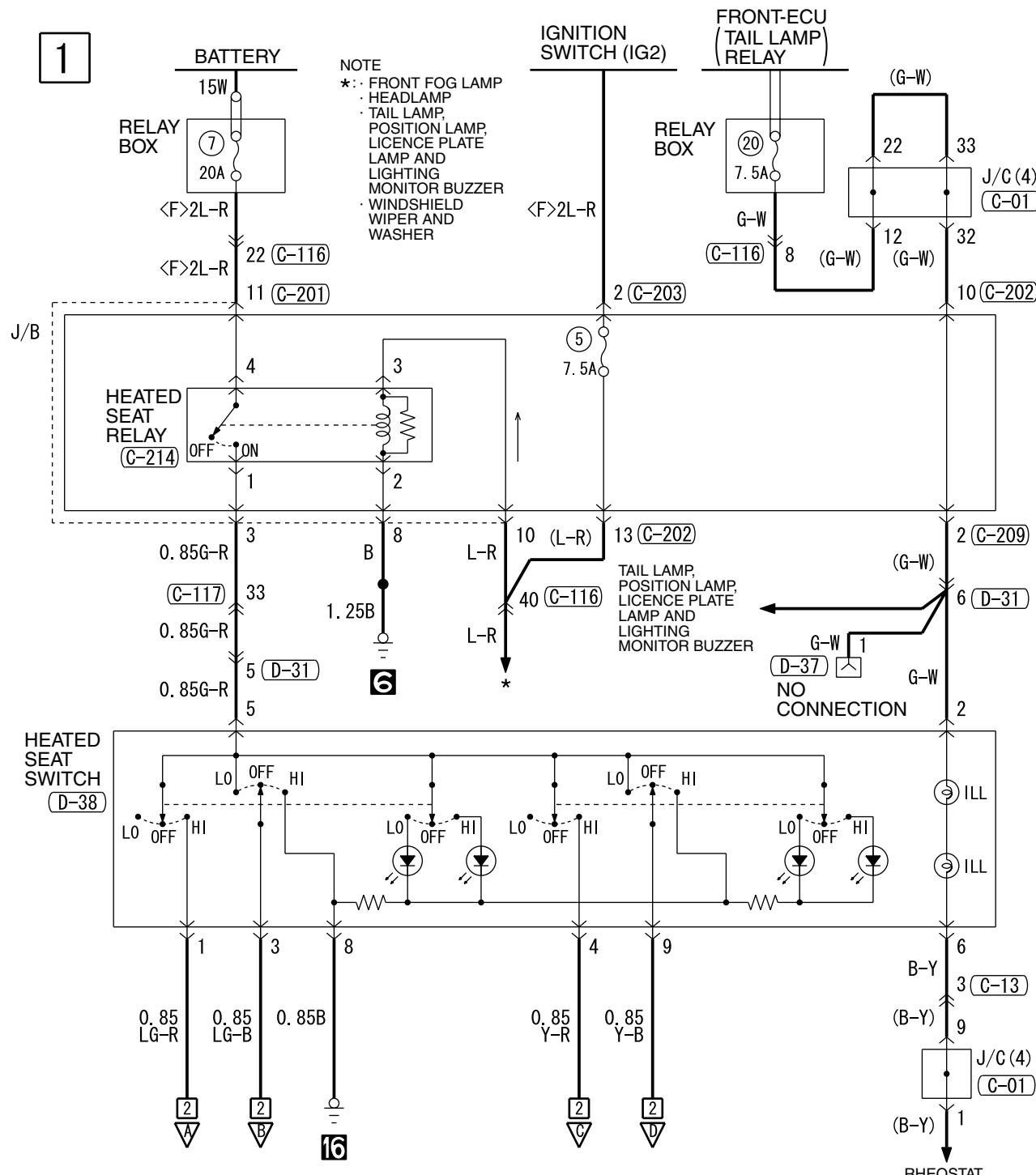
Wire colour code

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

H3Z15E05AA

## HEATED SEAT

M3030010700078



(C-01)

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

(C-13)

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

(C-116)

1	2	3	4	5	6	7	8	9	10	11	12	13
10	11	12	13	14	15	16	17	18	19	20	21	
22	23	24	25	26	27	28	29	30	31	32	33	
34	35	36	37		38	39	40	41	42	43		

(C-117)

1	2	3	4	5	6	7	8	9	10	11	12	13
14	15	16	17	18	19	20	21	22	23	24	25	
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(C-201) MU801855

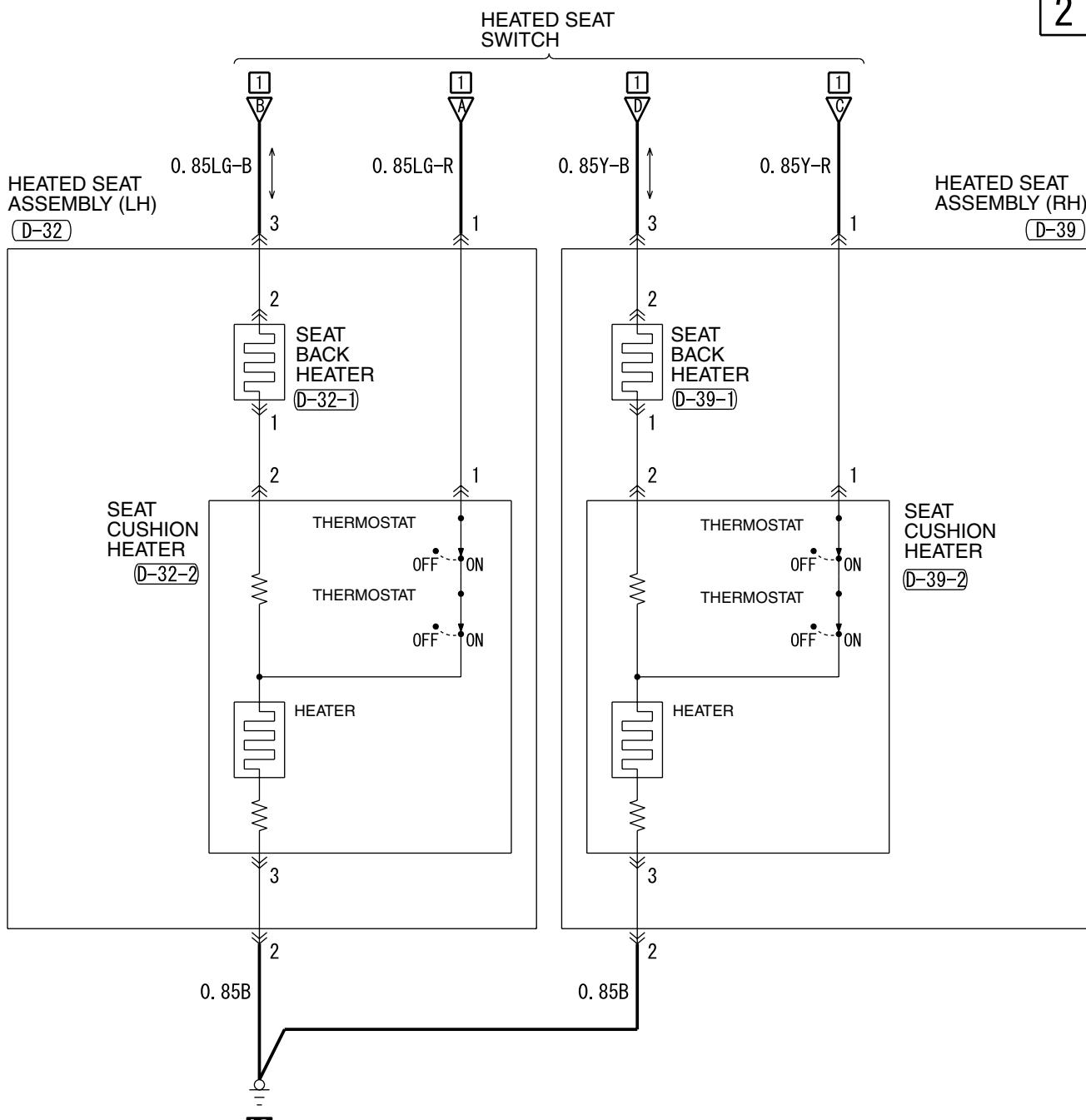
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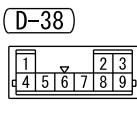
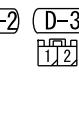
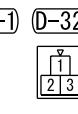
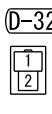
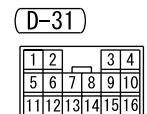
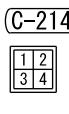
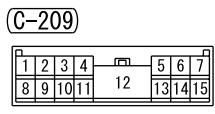
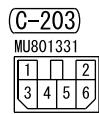
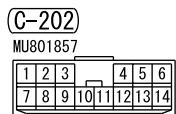
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1	2	3

H3Z15E06AA

2



16



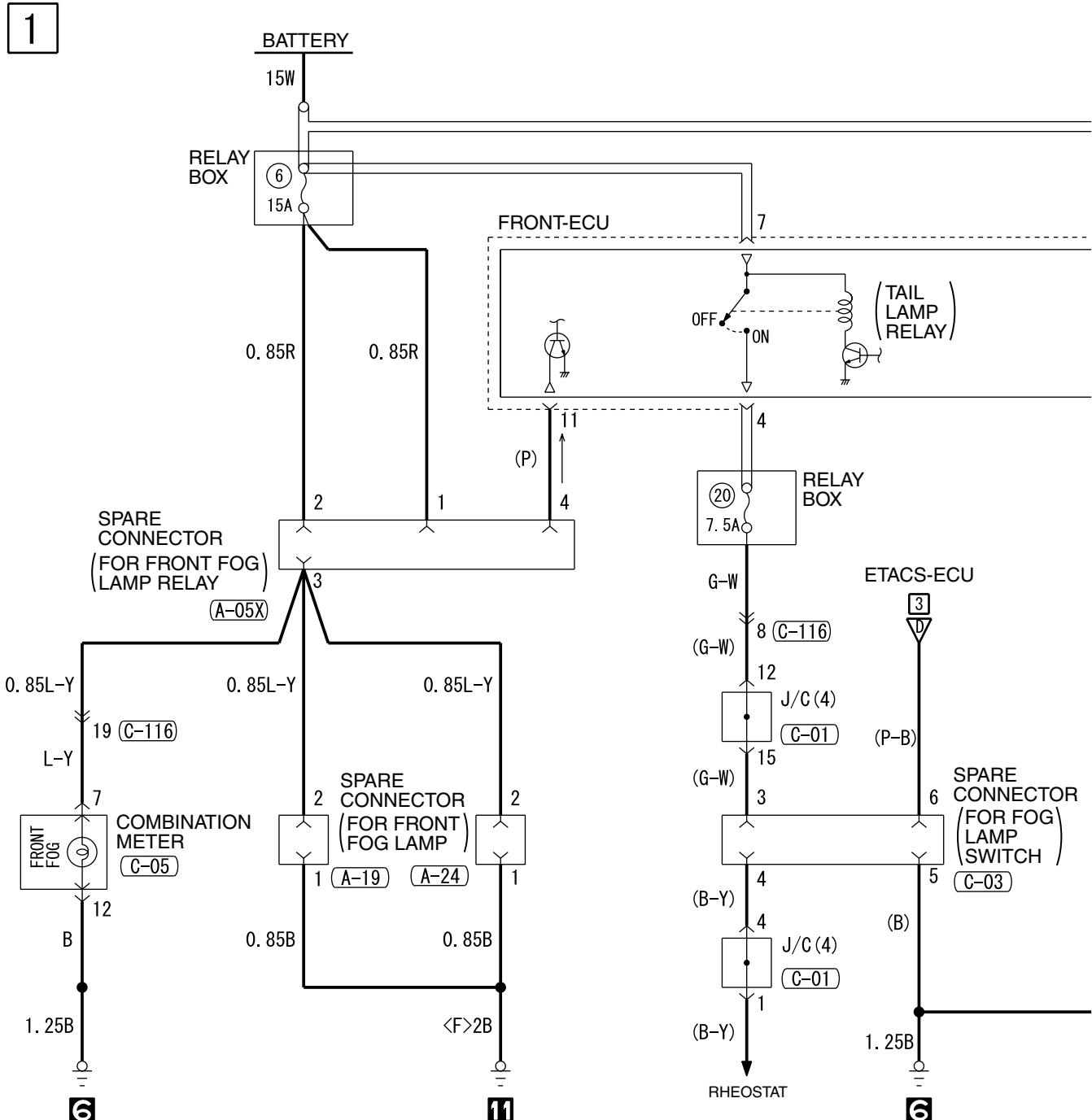
Wire colour code

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

H3Z15E06AB

## **SPARE CONNECTOR (FOR FRONT FOG LAMP)**

M3030001900159



A-05X

**(A-11X)**

**(A-12X)**

C-01

C-02
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20 21 22
23 24 25 26 27 28 29 30 31 32 33

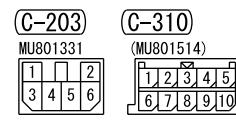
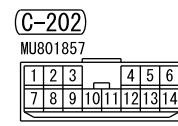
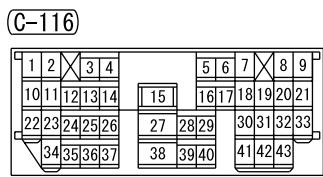
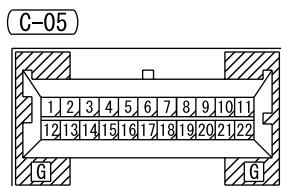
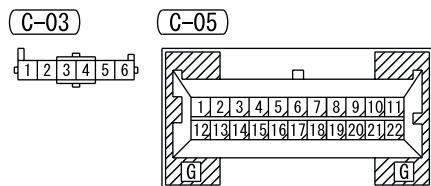
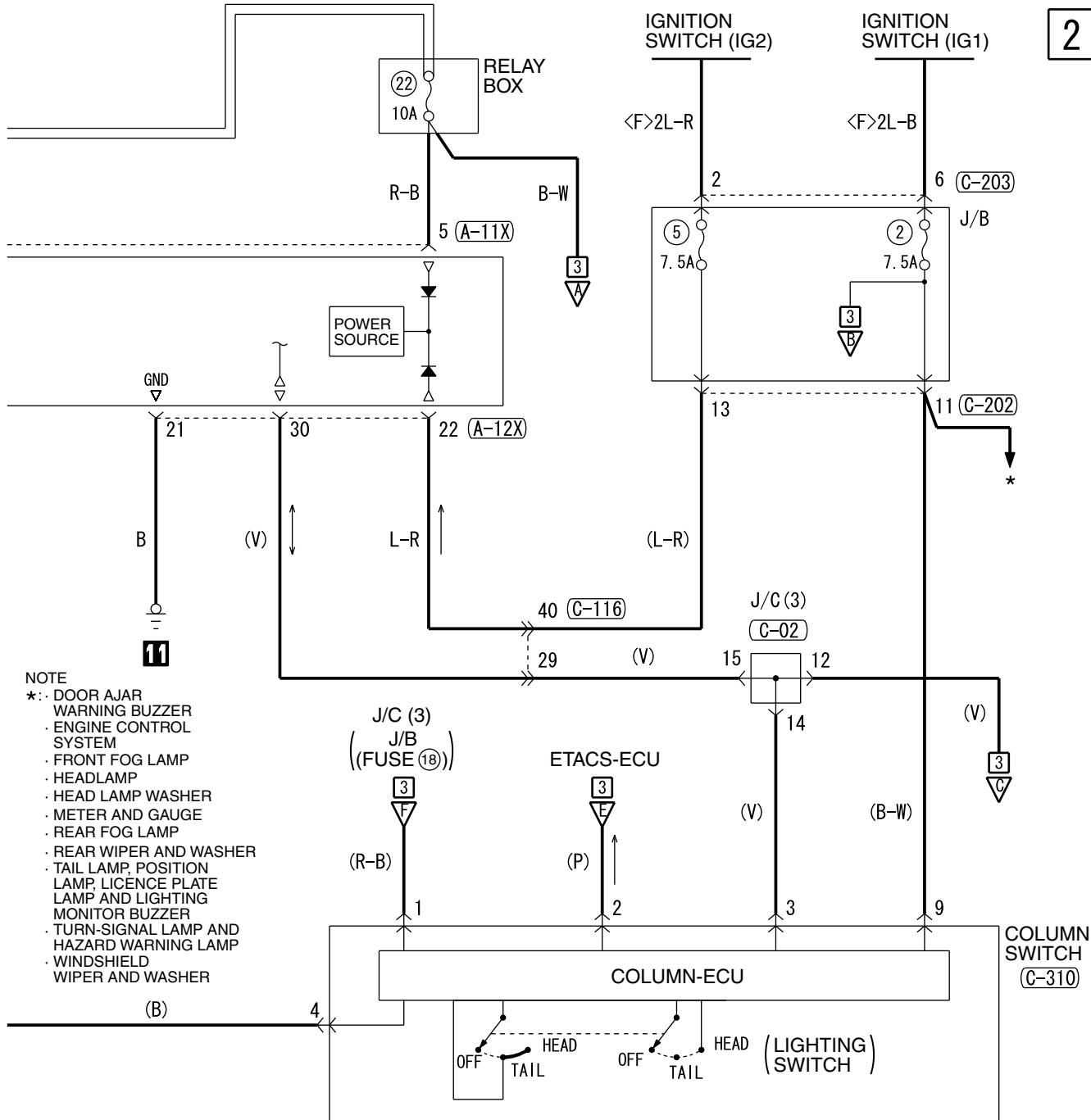
## Wire colour code

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

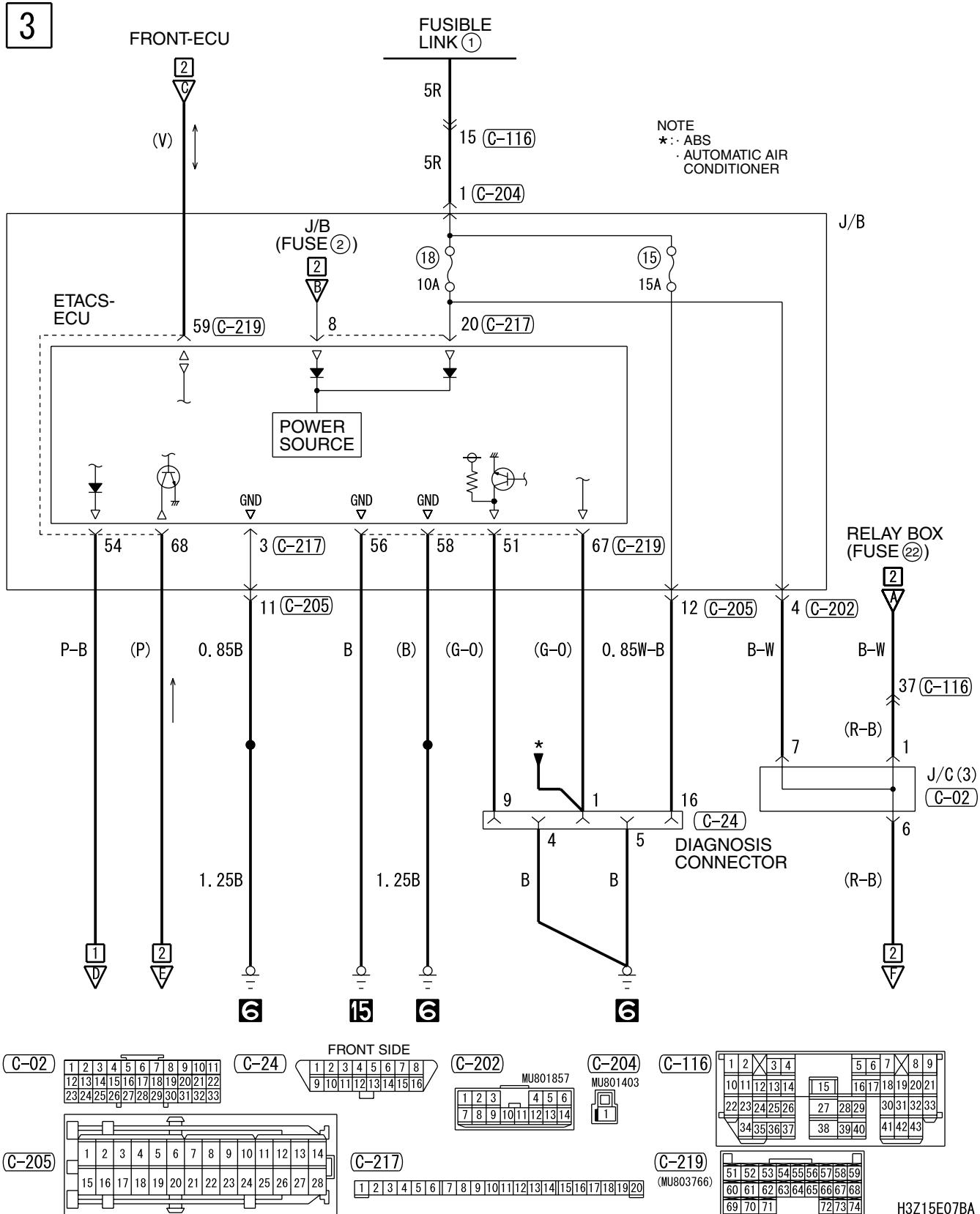
SB : Sky blue

**CIRCUIT DIAGRAMS**  
**SPARE CONNECTOR (FOR FRONT FOG LAMP)**

**3-157**



**SPARE CONNECTOR (FOR FRONT FOG LAMP) (CONTINUED)**



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## GROUP 4

# INDEX

4

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## IN ORDER OF CONNECTOR No.

M3040002000150

### In order of connector No.

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A-A-05X	Front fog lamp relay or spare connector (for front fog lamp relay)	3-48, 156	1-5
A-A-06X	Horn relay	3-74	1-5
A-A-07X	Accessory socket relay	3-134	1-5
A-A-08X	Wiper deicer relay	3-131	1-5
A-A-10X	Fan control relay	3-39, 107, 113	1-5
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A-A-14	Front wiring harness (LH) and control wiring harness combination	3-24, 26, 28, 38, 39, 106, 107, 111, 112, 113, 116, 138, 140, 148	1-5
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A-A-18	Outside thermo sensor	3-114	1-5
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A-A-26	Windshield washer motor	3-116	1-4
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	B-05	Injector 4	3-32	1-7
	B-06	Throttle position sensor	3-34	1-7
	B-07	Windshield wiper motor	3-116	1-7
	B-08	Air flow sensor	3-36	1-7
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	B-11X	Engine speed detection connector	3-24, 29	1-7
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	C-121	Antenna amplifire	3-133	1-13
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	C-127	Interior temperature sensor <Automatic A/C>	3-114	1-12
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Connector No.	Parts name	Circuit diagram page	Wiring diagram page
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Connector No.	Parts name	Circuit diagram page	Wiring diagram page
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