

## GROUP 90

# CIRCUIT DIAGRAMS

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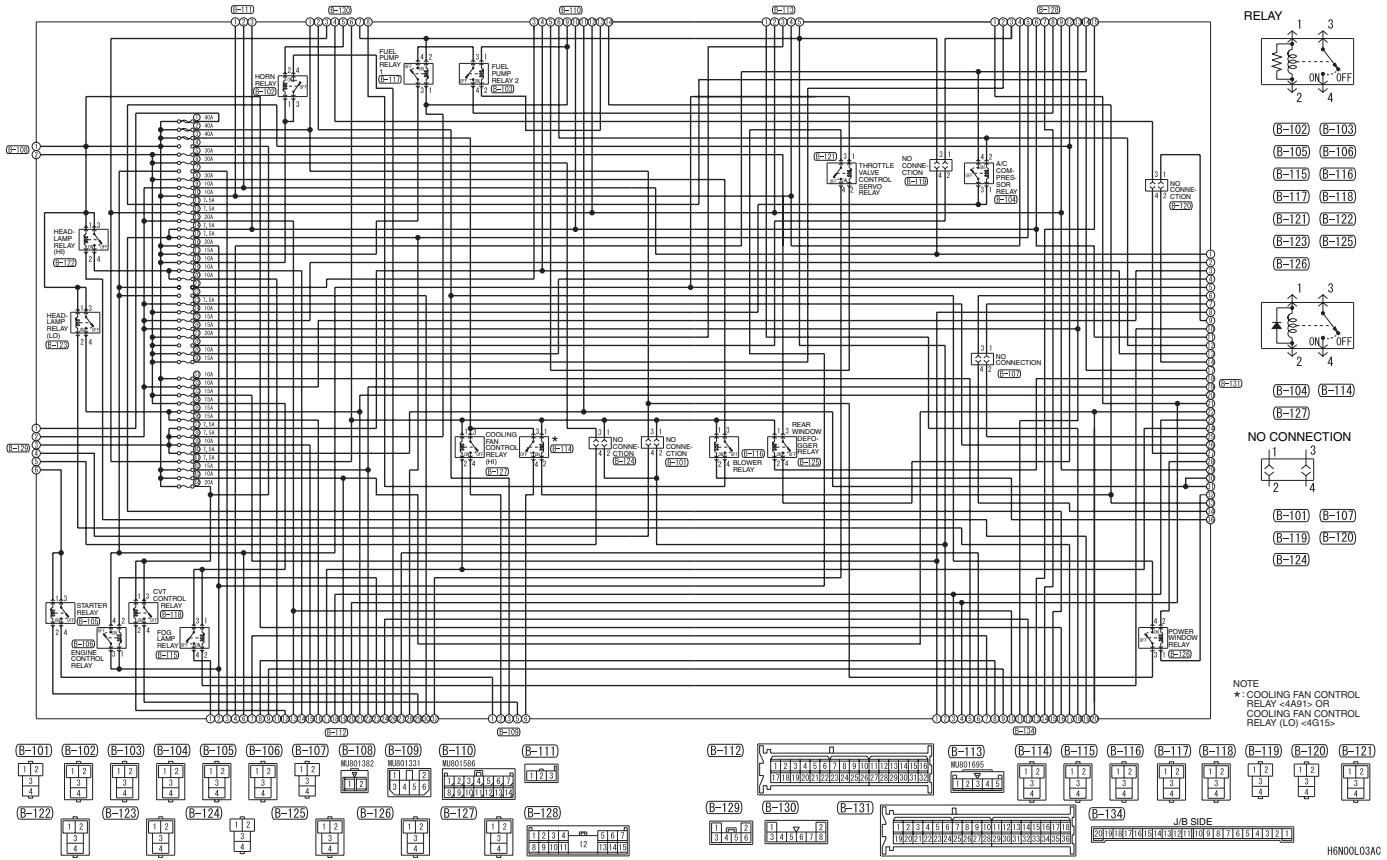
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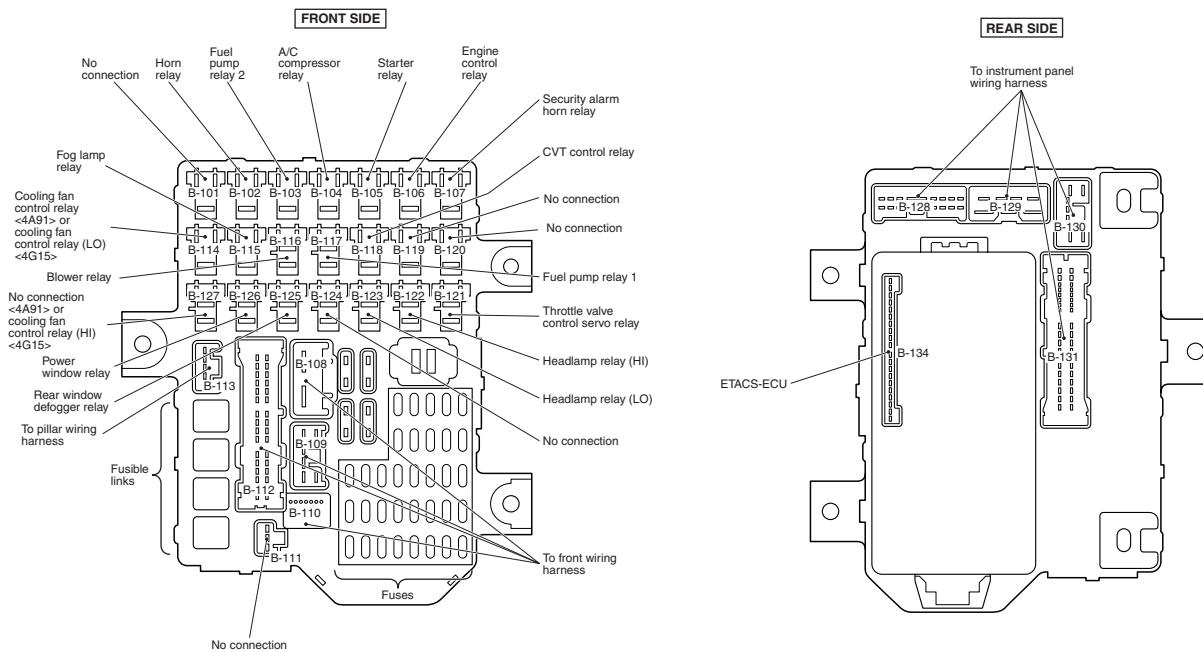
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J/B

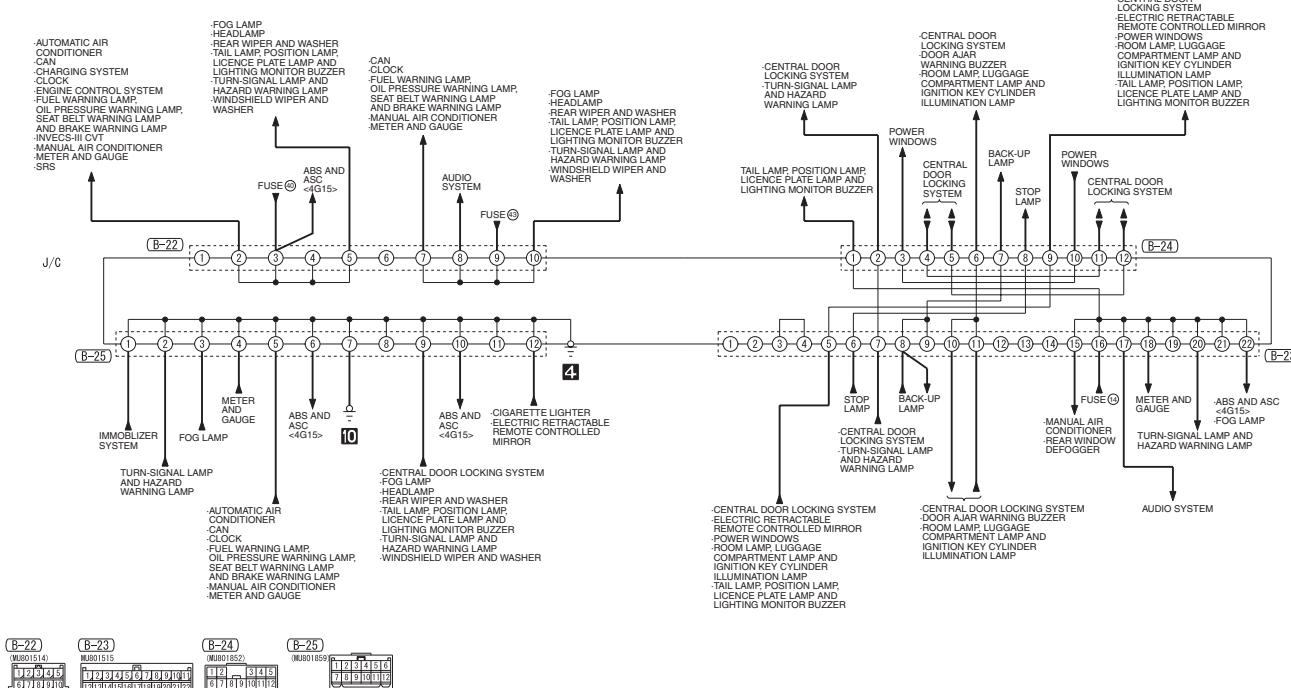
M1901000201964



J/B (CONTINUED)

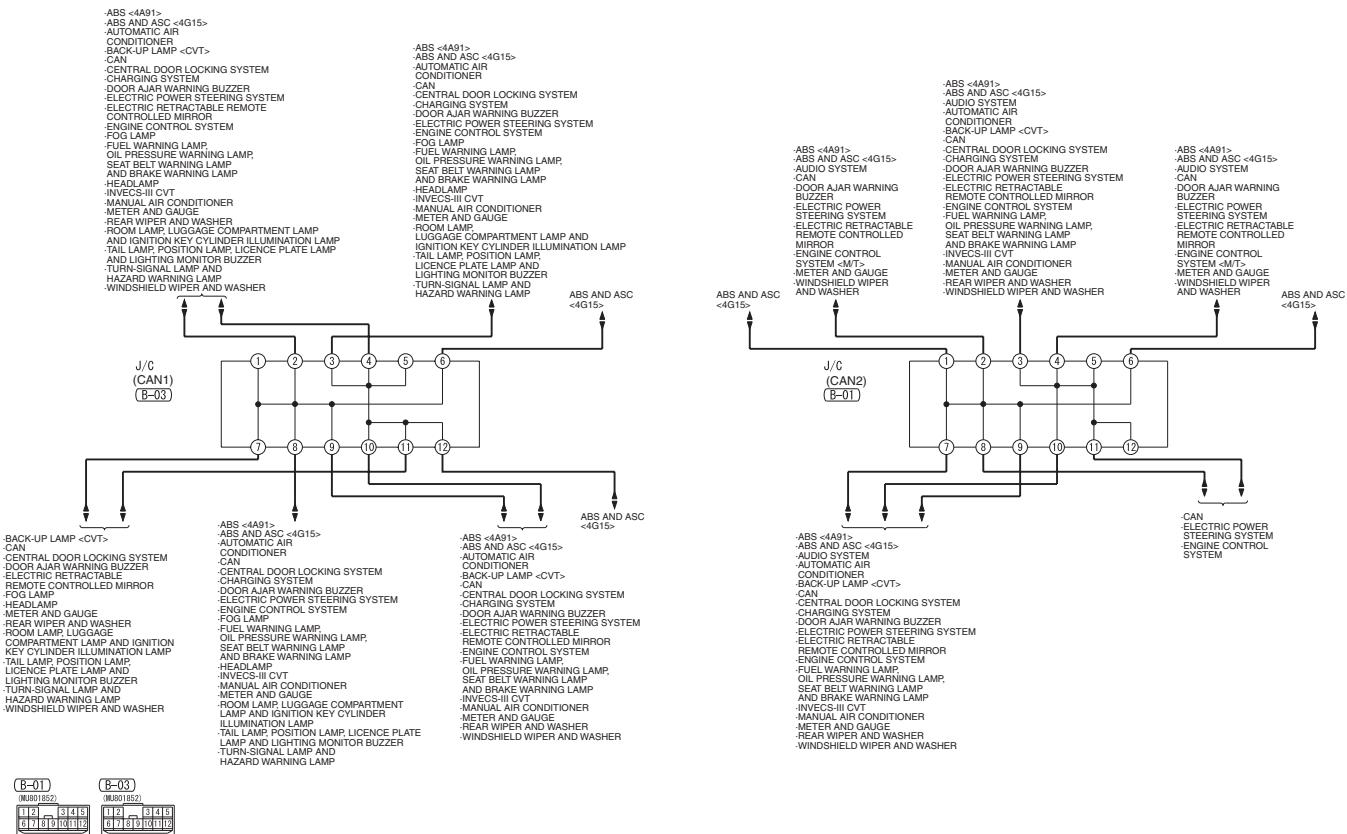


NOTE: IN THE ACTUAL VEHICLES, SOME OF THE J/C TERMINALS IN THE SAME BUS ARE USED, SO IN SOME CASES, THE TERMINAL ARRANGEMENT INDICATED ON THE CIRCUIT DIAGRAMS DOES NOT AGREE WITH THE ONES IN THE ACTUAL VEHICLES.  
HOWEVER, ON J/C (CAN 1, 2), THE ACTUAL TERMINAL AGREEMENT SHOULD ALWAYS AGREE WITH THE CIRCUIT DIAGRAMS.



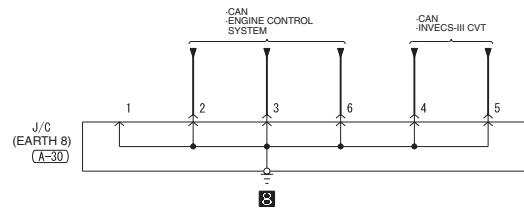
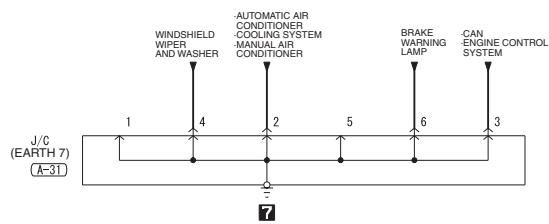
H6N00L04AC

**J/C (CONTINUED)**



H6N00L04BC

## J/C (CONTINUED)



# CENTRALIZED JUNCTION

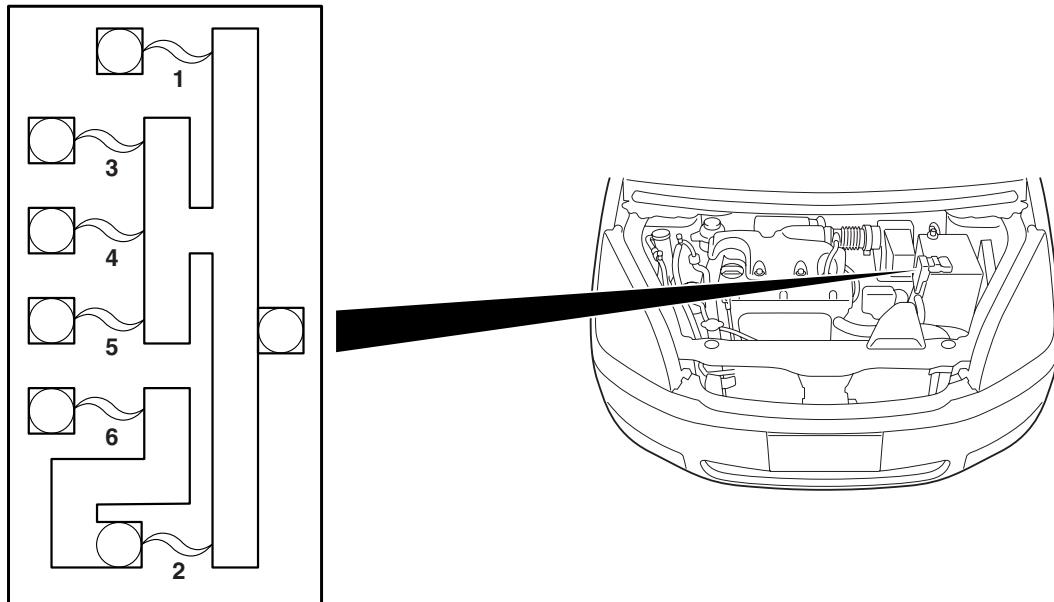
M1901000301842

## FUSIBLE LINK AND FUSE

### ENGINE COMPARTMENT

No.	Power source circuit	Name	Rated capacity (A)	Housing colour	Load circuit
1	Battery/alternator	Fusible link	120	–	ETACS-ECU, headlamp relay, fusible link No.1, 2, 3 (in junction block) circuit and fuse No.10, 14, 15, 16, 17, 18, 19, 20, 31, 35, 36, 42, 43, 44 circuit
2			120	–	Fusible link No.6 (in fusible link box) circuit/battery and fusible link No.1, 3, 4, 5 (in fusible link box) circuit
3			40	–	ABS-ECU and ASC-ECU
4			60	–	EPS-ECU
5			30	–	ABS-ECU, ASC-ECU and alternator
6	Fusible link No.2 (in fusible link box)		80	–	Fuse No.5, 8, 11, 24, 27, 29, 30, 33, 34 circuit

(Fusible link box connected directly to battery positive terminal)



AC208919AC

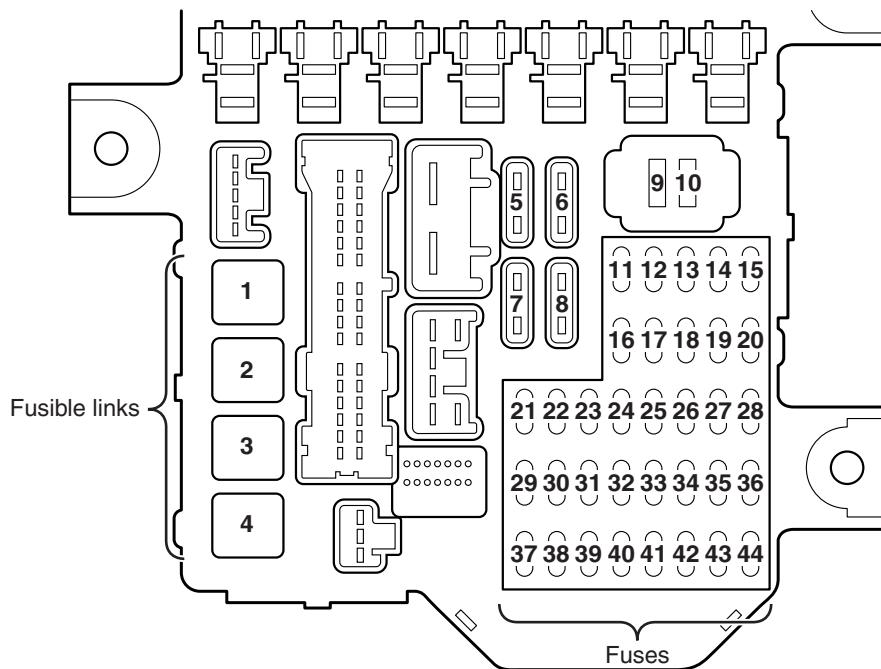
PASSENGER COMPARTMENT

No.	Power source circuit	Name	Rated capacity (A)	Housing colour	Load circuit
1	Fusible link No.1 (in fusible link box)	Fusible link	40	Green	Ignition switch circuit
2			40	Green	Power window main switch and power window sub switch
3			40	Green	Cooling fan motor
4			—	—	—
5	Fusible link No.6 (in fusible link box)	Fuse	30	Green	Rear window defogger
6			—	—	—
7			—	—	—
8	Fusible link No.6 (in fusible link box)		30	Green	Combination meter, blower motor, power transistor and resistor
9	Ignition switch (ACC)		10	Red	ETACS-ECU, radio and CD player
10	Fusible link No.1 (in fusible link box)		10	Red	ETACS-ECU, ignition key cylinder illumination lamp, luggage compartment lamp and room lamp
11	Fusible link No.6 (in fusible link box)		7.5	Brown	—
12	Ignition switch (IG2)		7.5	Brown	Sunroof motor assembly
13	Ignition switch (ACC)		20	Yellow	ETACS-ECU, windshield wiper motor and washer motor
14	ETACS-ECU (tail lamp relay)		7.5	Brown	Fog lamp switch, hazard warning switch, position lamp and tail lamp
15			7.5	Brown	Licence plate lamp, position lamp and tail lamp
16	Fusible link No.1 (in fusible link box)		20	Yellow	Air flow sensor <4G15>, camshaft position sensor, crank angle sensor, EGR valve <CVT>, engine control relay, engine-CVT-ECU <CVT>, engine-ECU <M/T>, fuel pressure control solenoid valve <4G15>, injector, oxygen sensor, primary speed sensor <CVT>, purge control solenoid valve, oil feeder control valve, secondary speed sensor <CVT>, turbine speed sensor <CVT>, throttle valve control servo relay and wastegate solenoid valve <4G15>
17	Headlamp relay: HI		15	Blue	Fuel pump and gauge unit
18			10	Red	Horn and horn relay
19			10	Red	Headlamp (HI)
20	—		10	Red	Headlamp (HI)
21			—	—	—
22			—	—	—
23	Ignition switch (ACC)		7.5	Brown	Door mirror assembly

No.	Power source circuit	Name	Rated capacity (A)	Housing colour	Load circuit
24	Fusible link No.6 (in fusible link box)		10	Red	A/C compressor, A/C compressor relay, engine-CVT-ECU <CVT> and engine-ECU <M/T>
25	Ignition switch (ACC)		15	Blue	Cigarette lighter
26			15	Blue	ETACS-ECU, rear wiper motor and washer motor
27	Fusible link No.6 (in fusible link box)		20	Yellow	Sunroof motor assembly
28			—	—	—
29			10	Red	—
30			15	Blue	—
31	Fusible link No.1 (in fusible link box)		10	Red	ETACS-ECU and turn-signal lamp
32	Ignition switch (ACC)		10	Red	—
33	Fusible link No.6 (in fusible link box)		15	Blue	Diagnosis connector, ETACS-ECU, door lock actuator and door mirror assembly
34			15	Blue	Fog lamp and fog lamp relay
35	Headlamp relay: LO		15	Blue	Headlamp (LO)
36			15	Blue	Headlamp (LO)
37	Ignition switch (IG1)		7.5	Brown	Engine-CVT-ECU <CVT>, SRS-ECU and back-up lamp
38			7.5	Brown	Engine-CVT-ECU <CVT>, engine-ECU <M/T> and fuel pump relay
39			10	Red	Ignition coil and noise condenser
40			7.5	Brown	ABS-ECU <4A91>, ASC-ECU <4G15>, column switch, combination meter, EPS-ECU, ETACS-ECU, SRS-ECU, G and yaw rate sensor and steering wheel sensor
41	Ignition switch (IG2)		7.5	Brown	Blower relay, combination meter, cooling fan control relay, engine-CVT-ECU <CVT>, engine-ECU <M/T>, outside/inside air selection damper control motor and rear window defogger relay

No.	Power source circuit	Name	Rated capacity (A)	Housing colour	Load circuit
42	Fusible link No.1 (in fusible link box)		15	Blue	ABS-ECU <4A91>, ASC-ECU <4G15>, engine-CVT-ECU <CVT>, engine-ECU <M/T>, high-mounted stop lamp and stop lamp
43			10	Red	Column switch, combination meter, ETACS-ECU, engine-CVT-ECU <CVT>, engine-ECU <M/T>, key reminder switch, radio and CD player
44			20	Yellow	CVT control solenoid valve assembly, CVT control relay and engine-CVT-ECU <CVT>

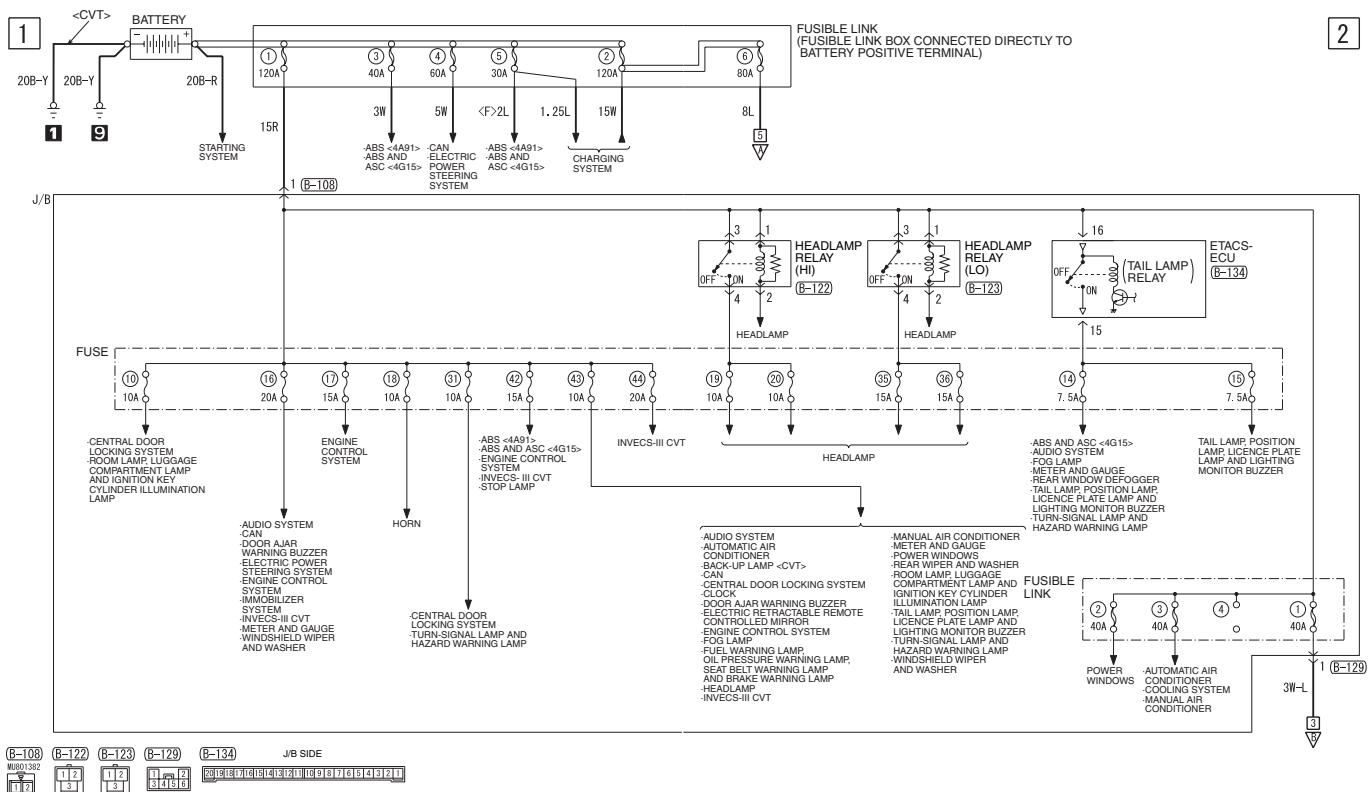
(in junction block)



AC208920 AE

# POWER DISTRIBUTION SYSTEM

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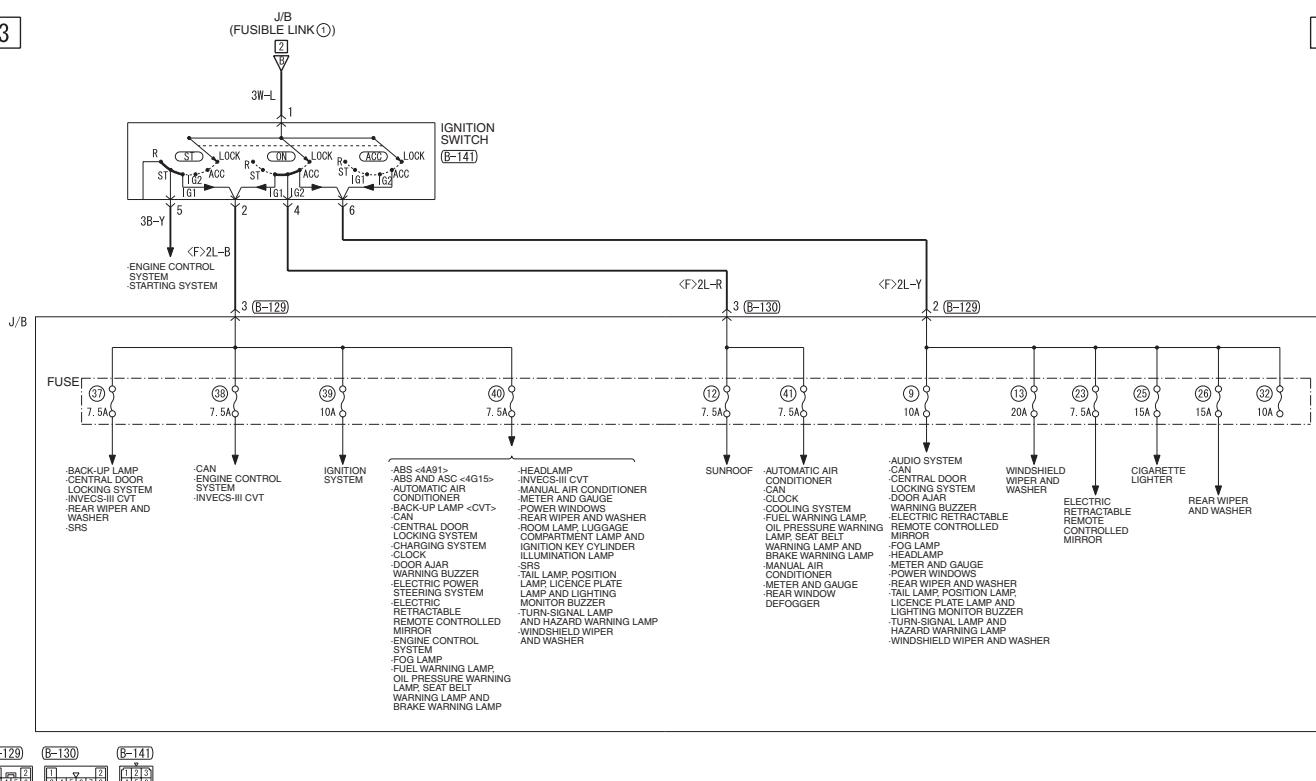


H6N01L01AC

## POWER DISTRIBUTION SYSTEM (CONTINUED)

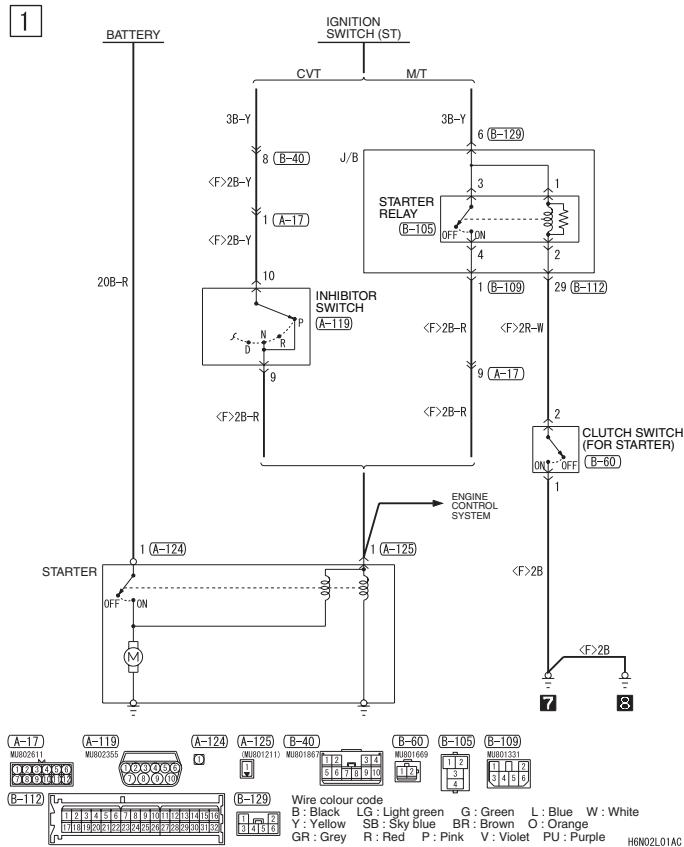
3

4



# STARTING SYSTEM

M1901000502678

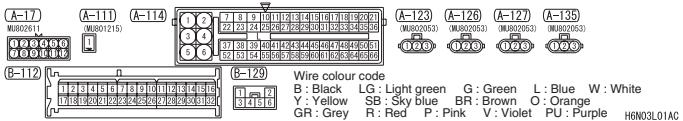
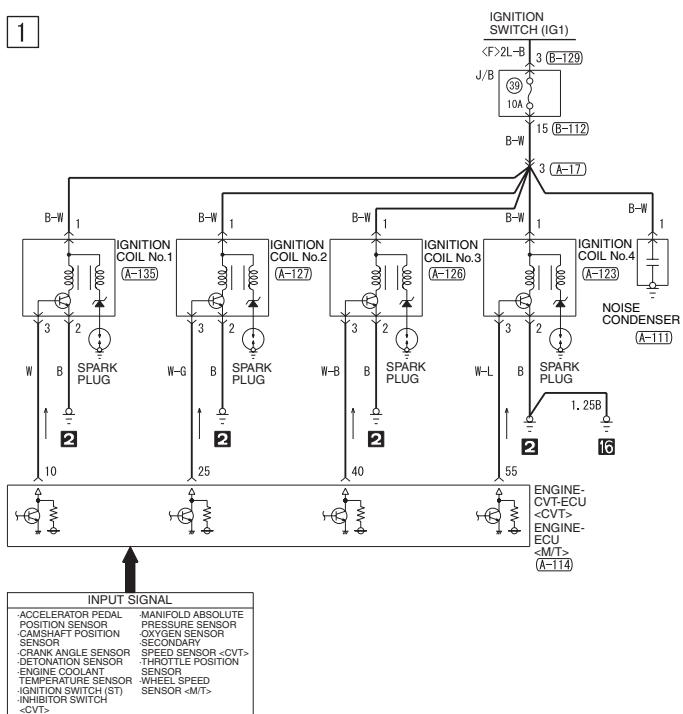


H6N02L01AC

## IGNITION SYSTEM

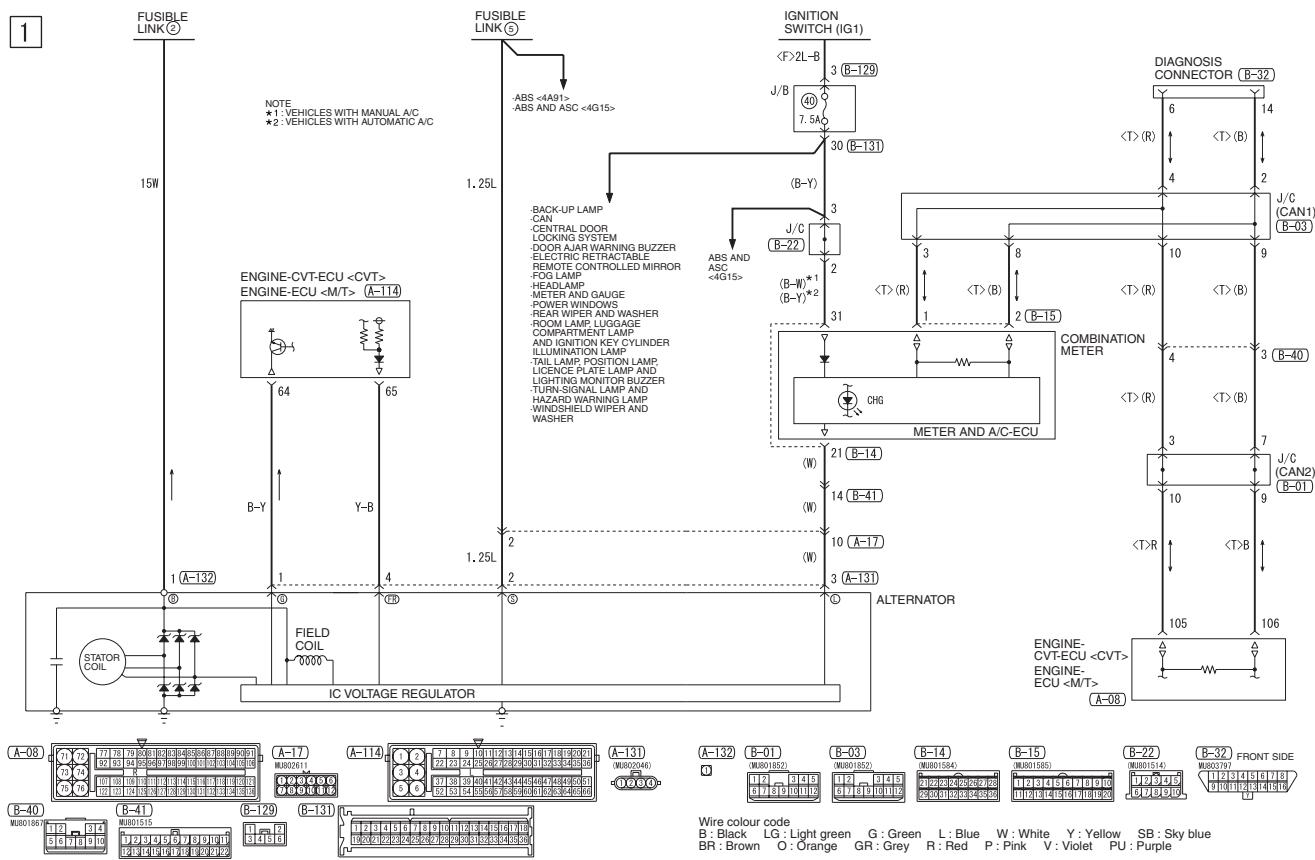
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1



# CHARGING SYSTEM

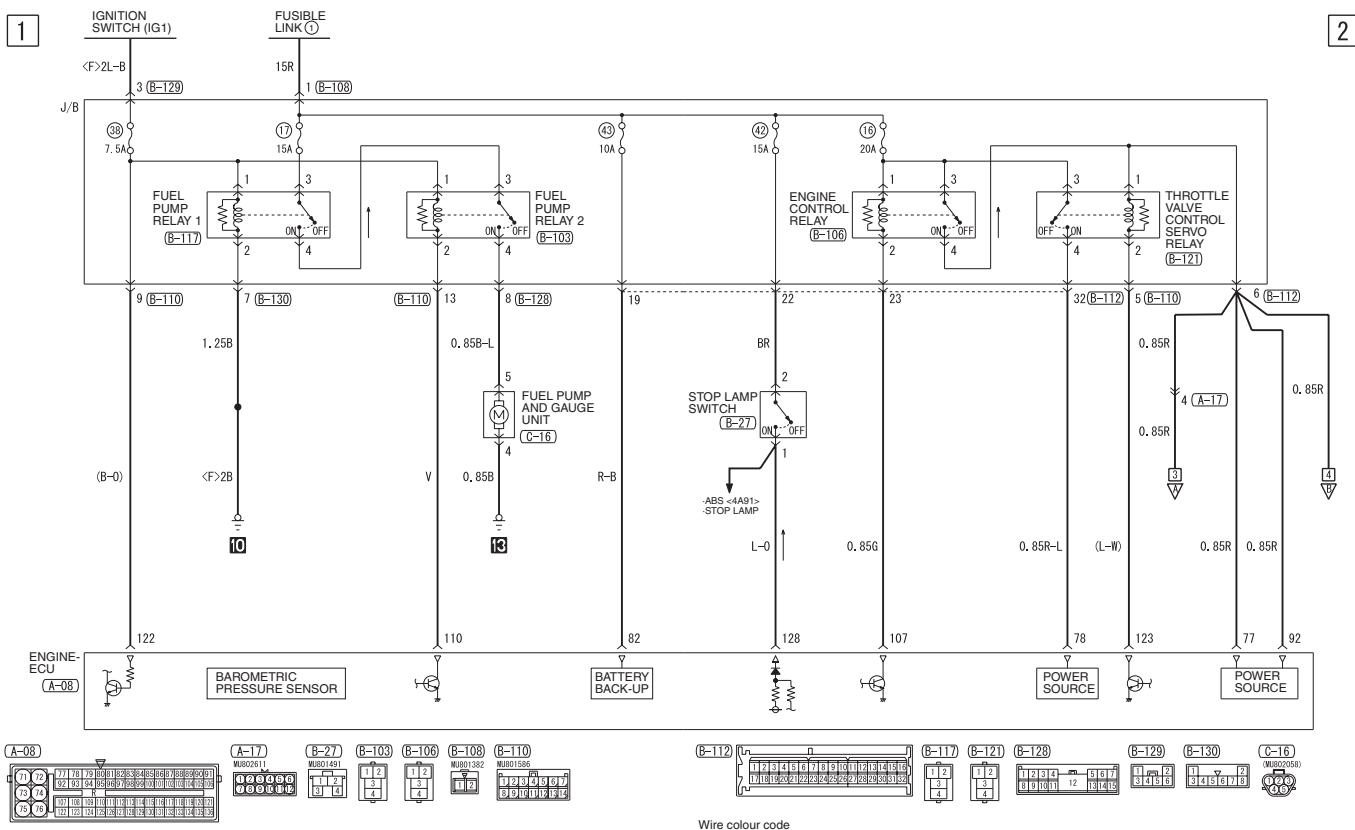
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## ENGINE CONTROL SYSTEM

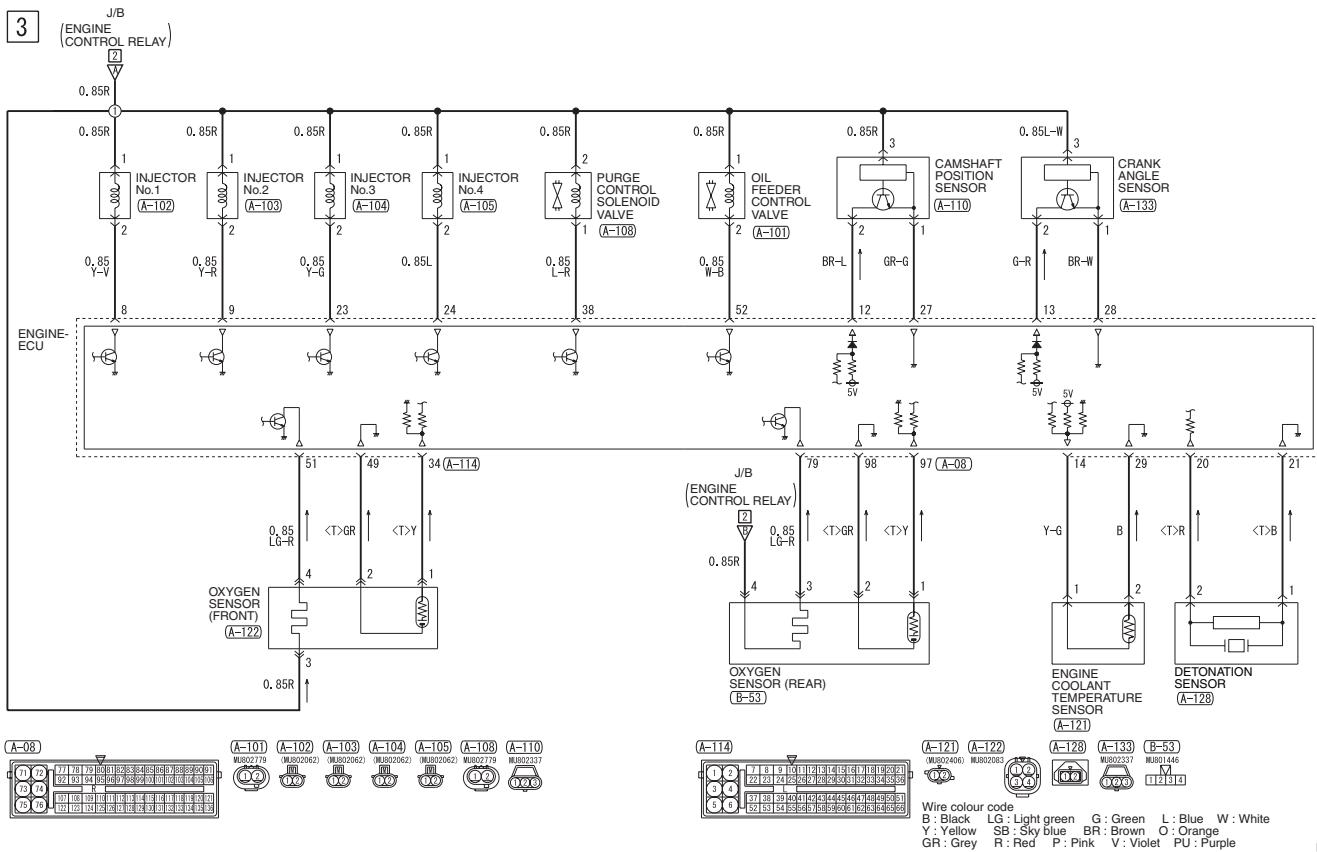
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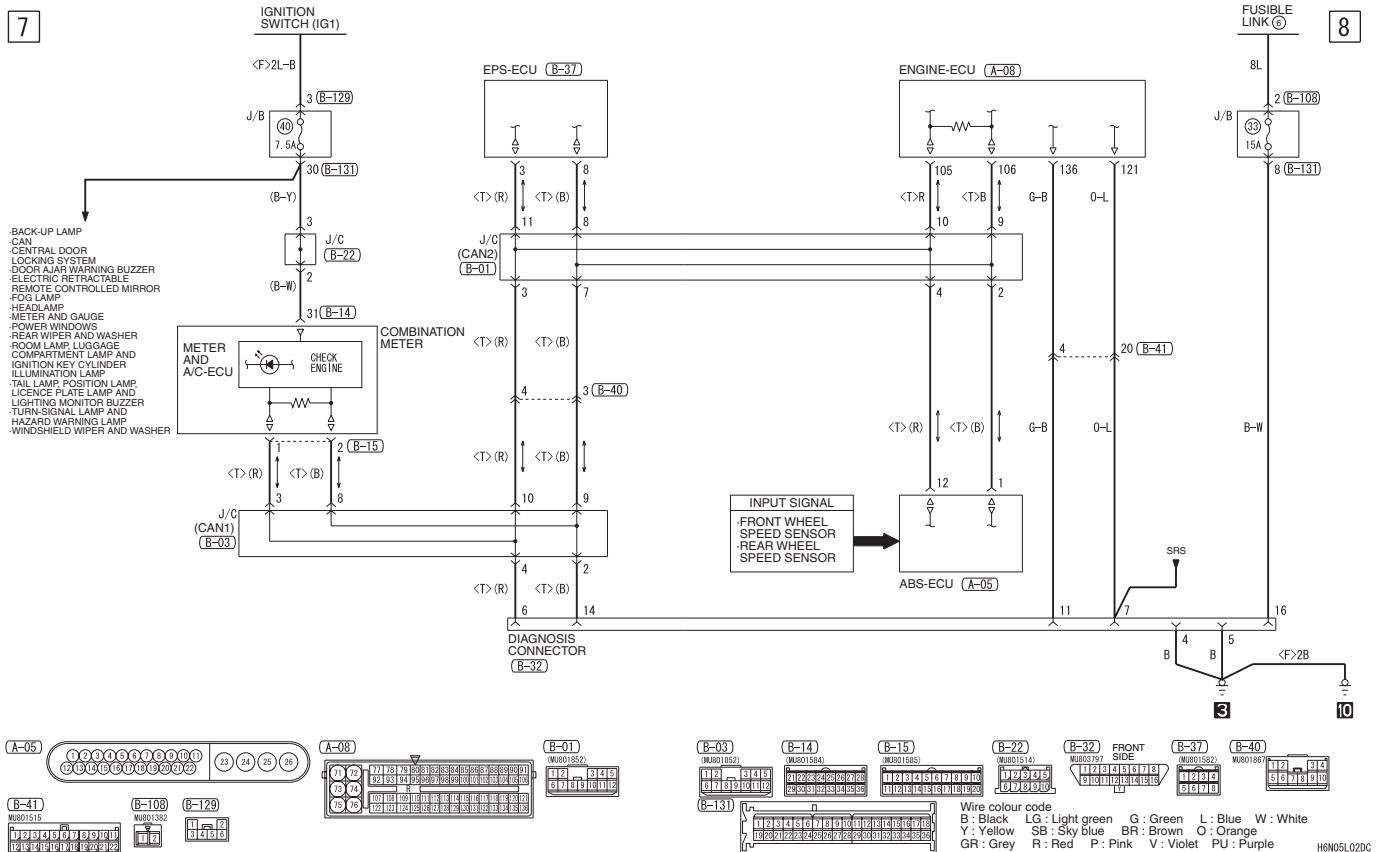


Wire colour code  
 B : Black   LG : Light green   G : Green   L : Blue   W : White   Y : Yellow   SB : Sky blue  
 BR : Brown   O : Orange   GR : Grey   R : Red   P : Pink   V : Violet   PU : Purple  
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**ENGINE CONTROL SYSTEM <4A91-M/T> (CONTINUED)**

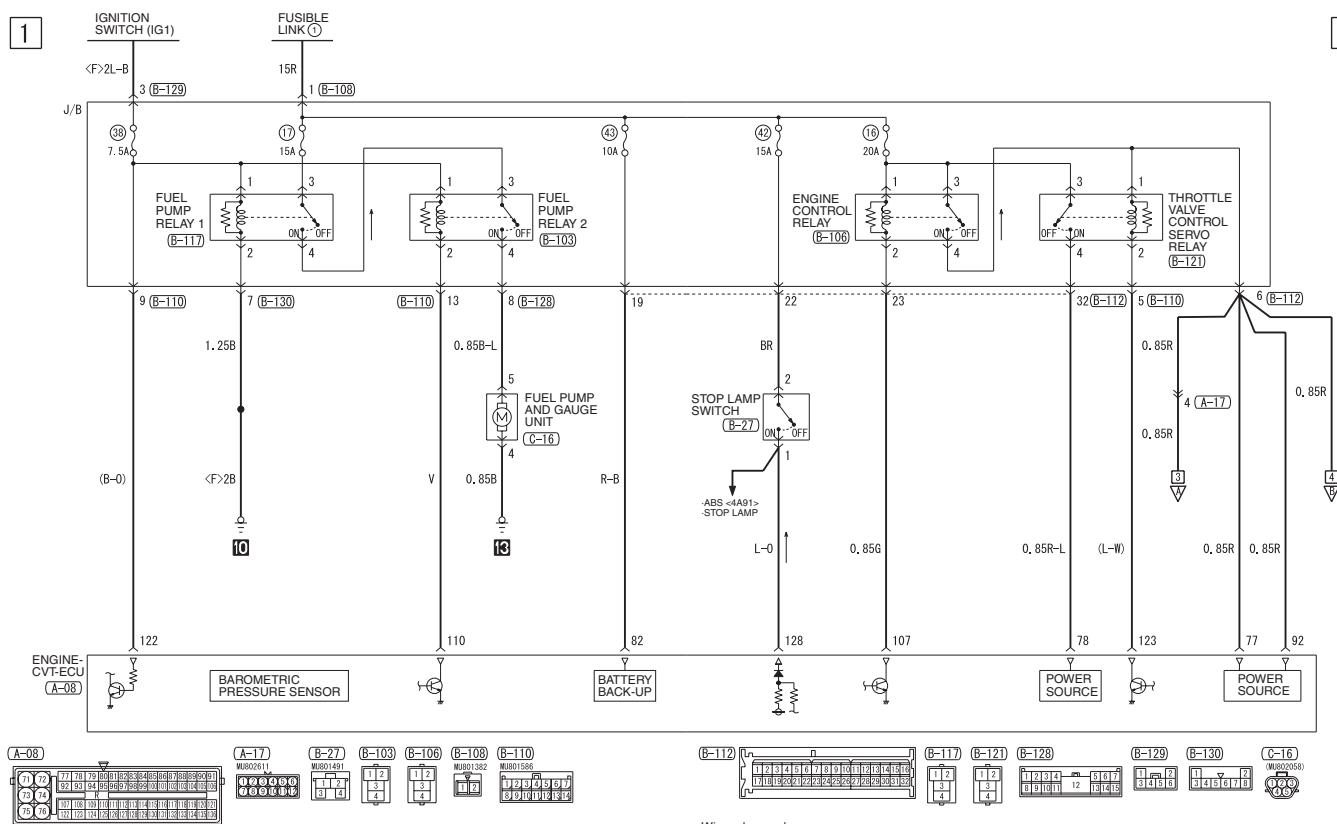


## ENGINE CONTROL SYSTEM &lt;4A91-M/T&gt; (CONTINUED)



ENGINE CONTROL SYSTEM <4A91-CVT>

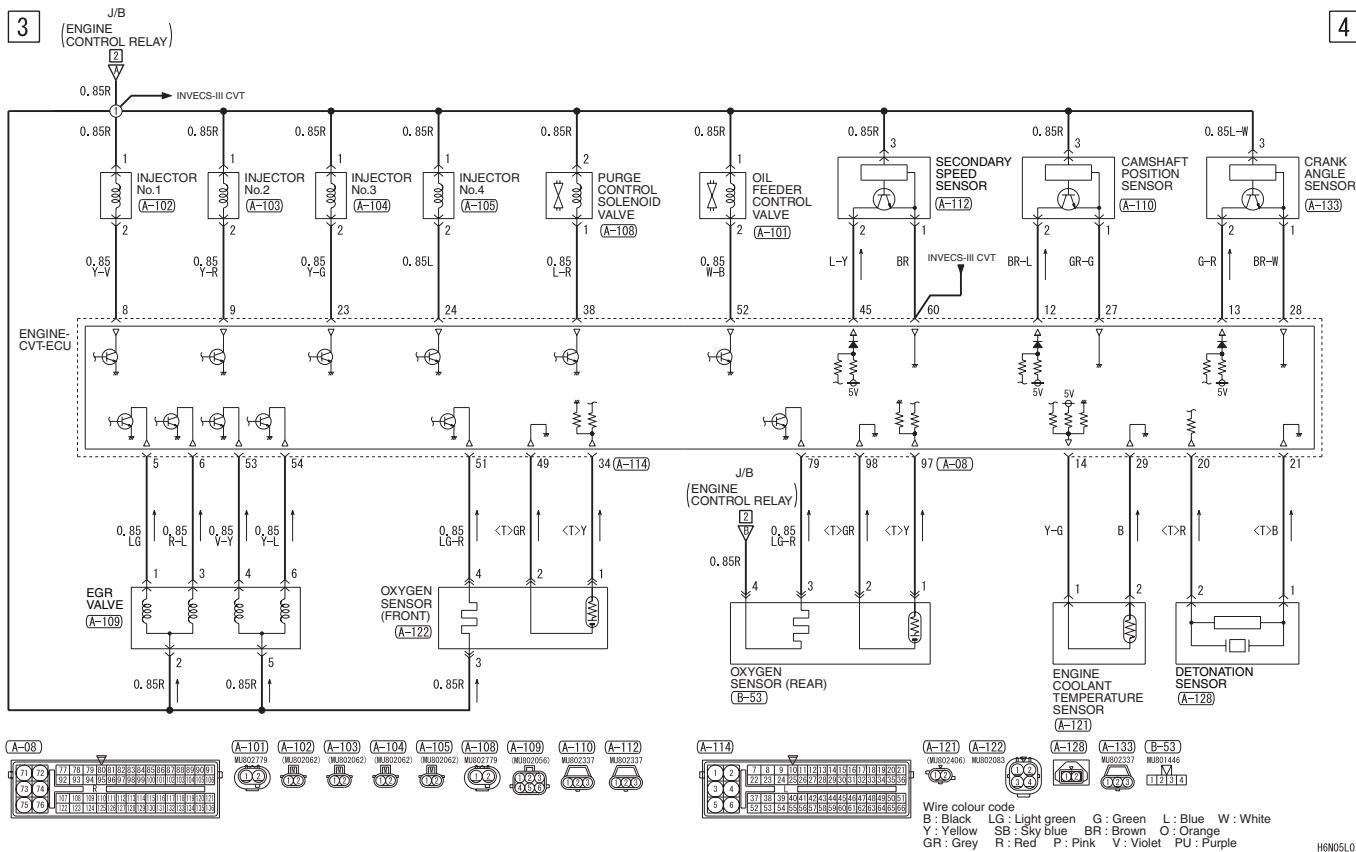
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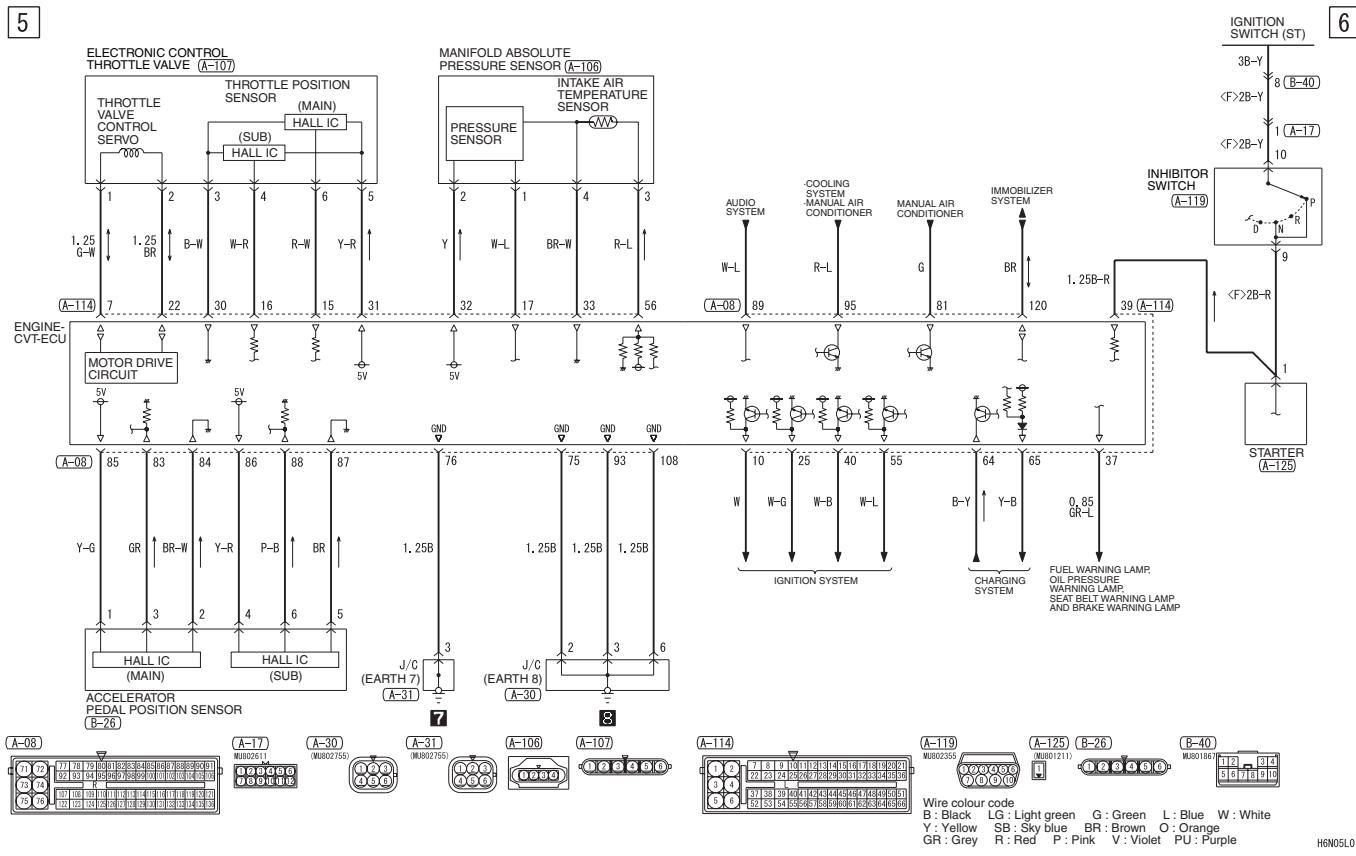
Wire colour code:  
 B : Black   LG : Light green   G : Green   L : Blue   W : White   Y : Yellow   SB : Sky blue  
 BR : Brown   O : Orange   GR : Grey   R : Red   P : Pink   V : Violet   PU : Purple

HON05L01AC

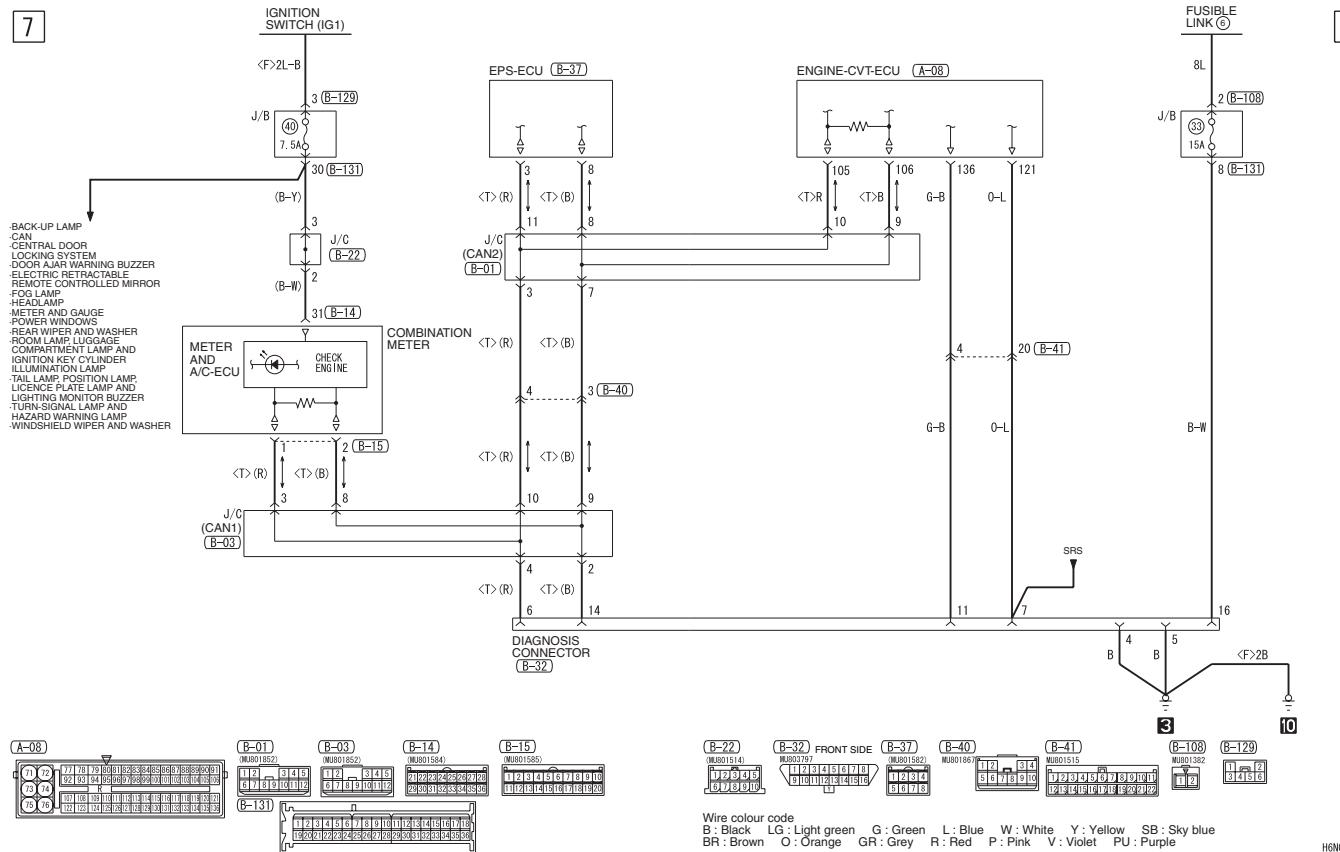
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## ENGINE CONTROL SYSTEM &lt;4A91-CVT&gt; (CONTINUED)

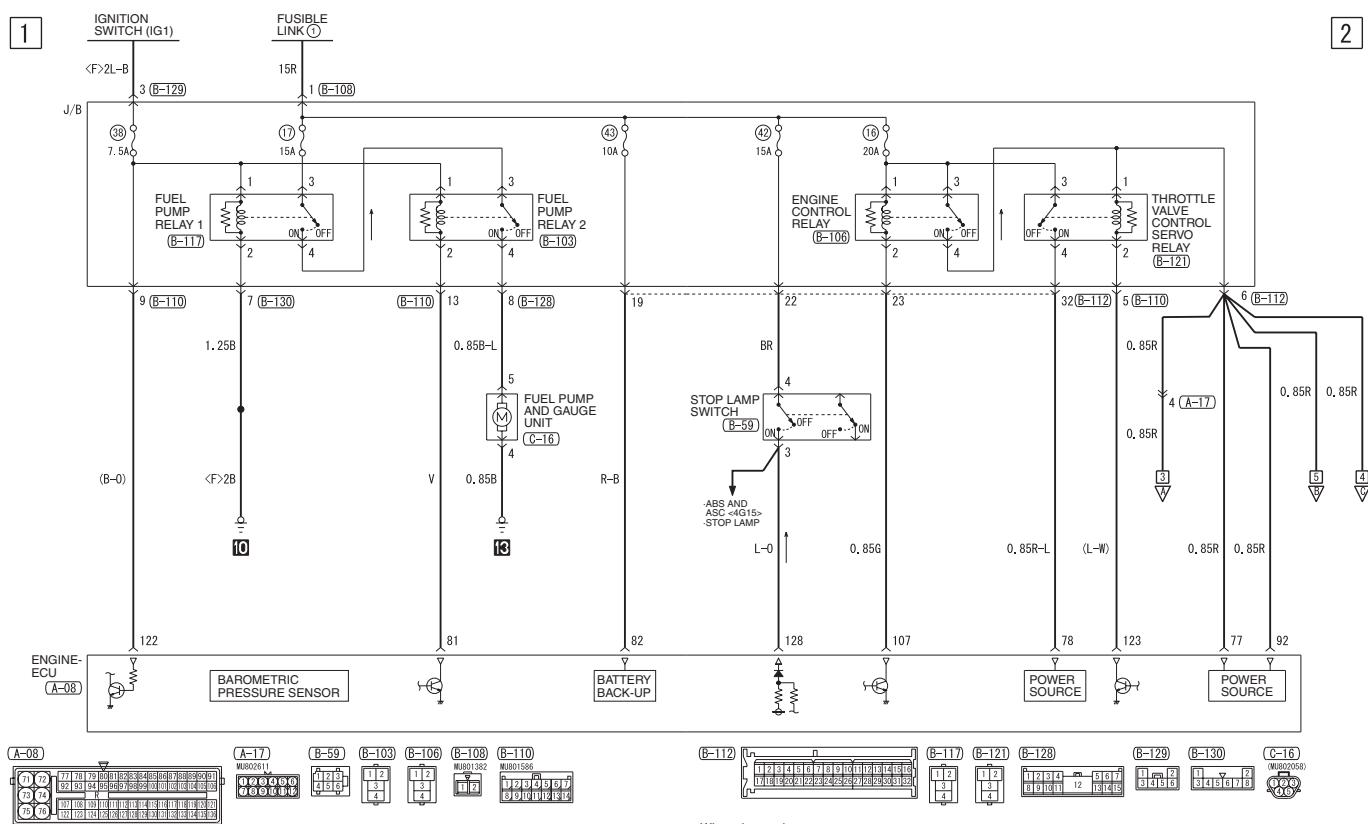


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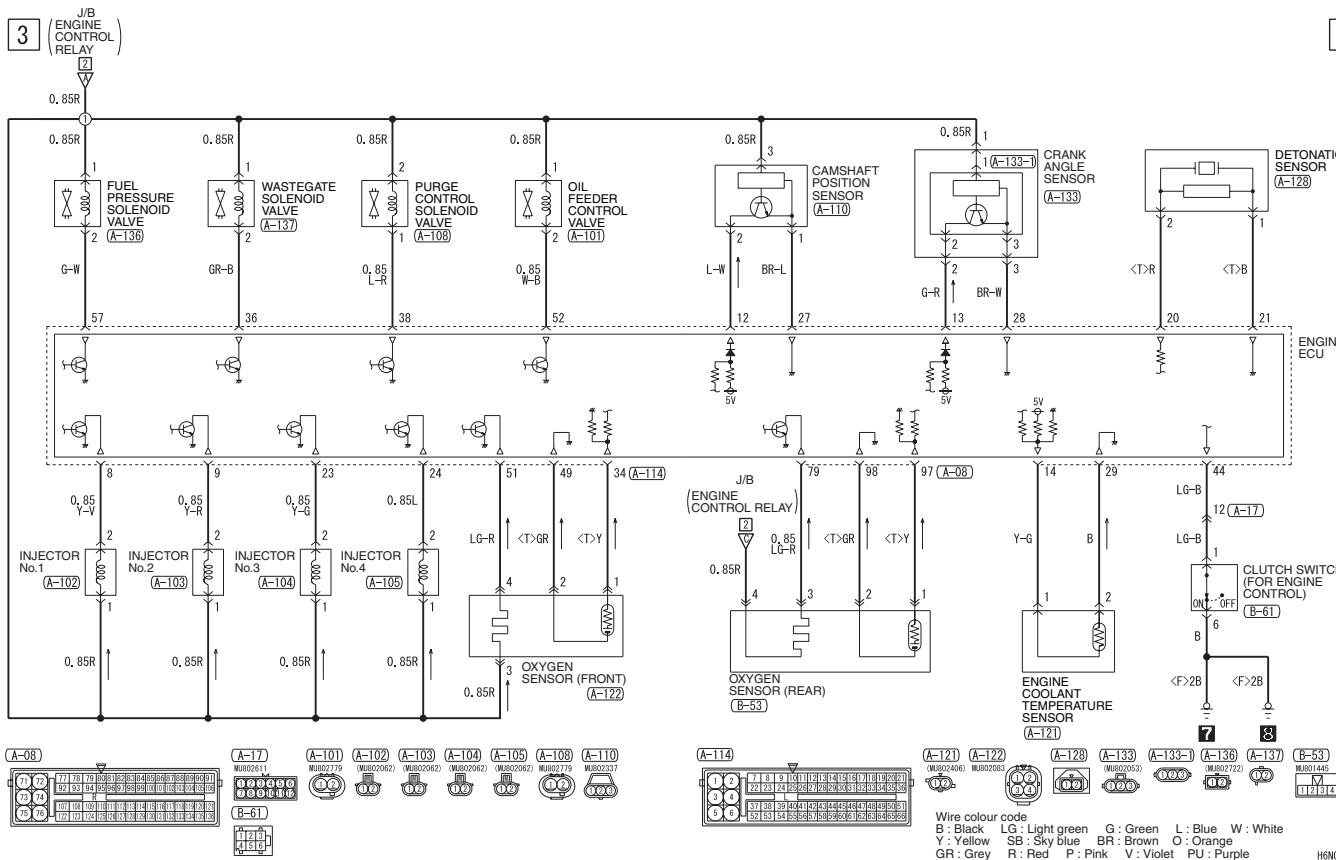
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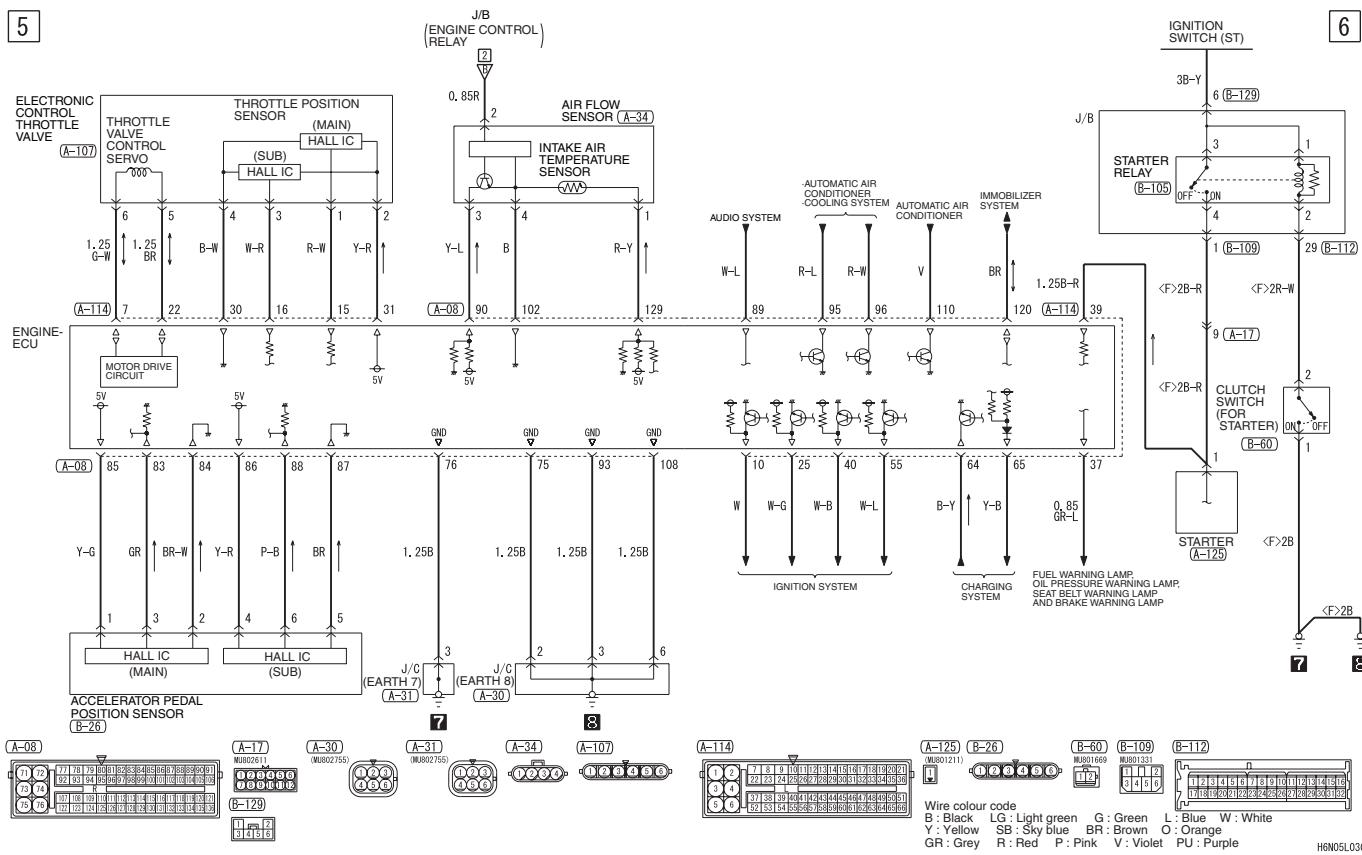


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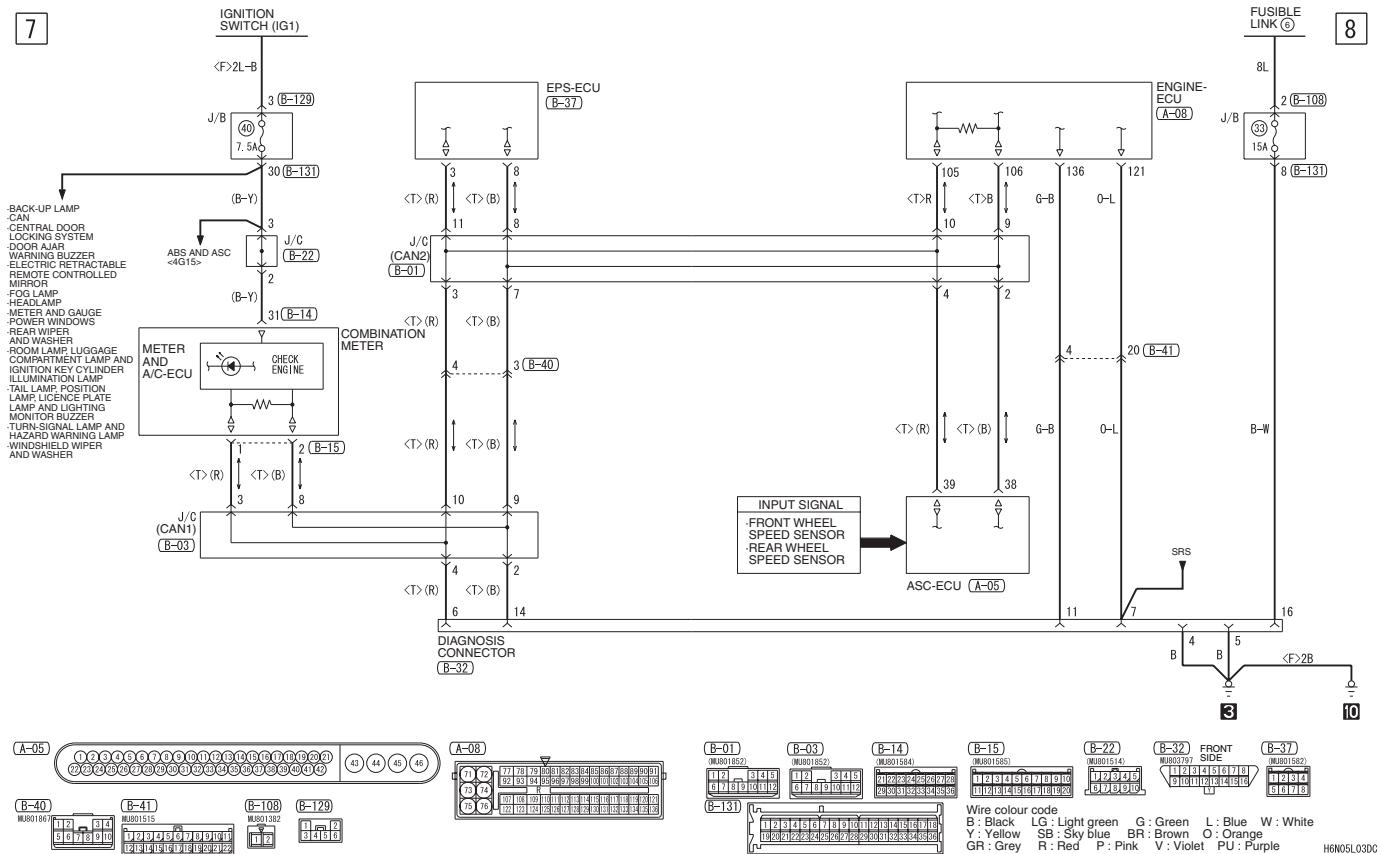
## **ENGINE CONTROL SYSTEM <4G15> (CONTINUED)**



## **ENGINE CONTROL SYSTEM <4G15> (CONTINUED)**



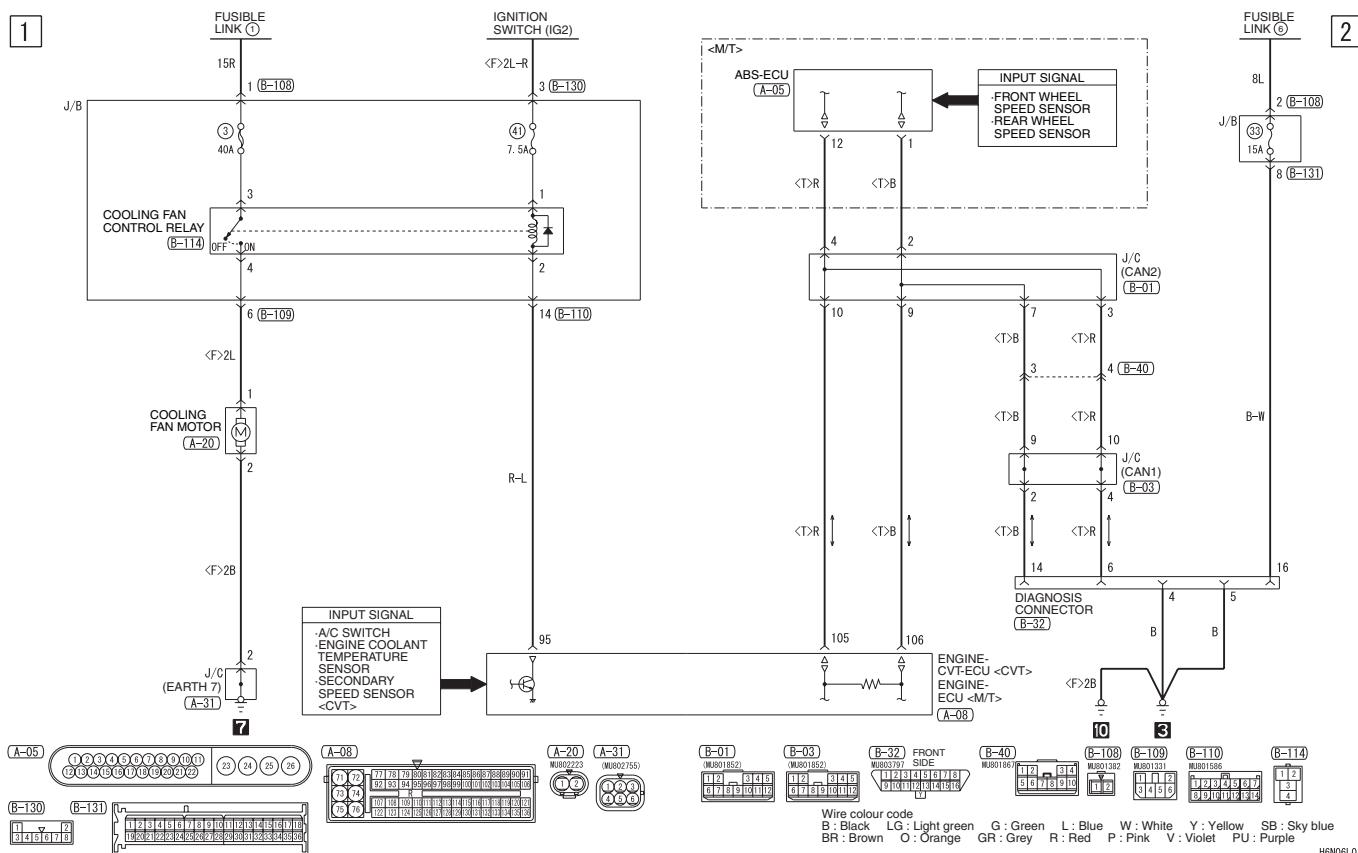
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# COOLING SYSTEM

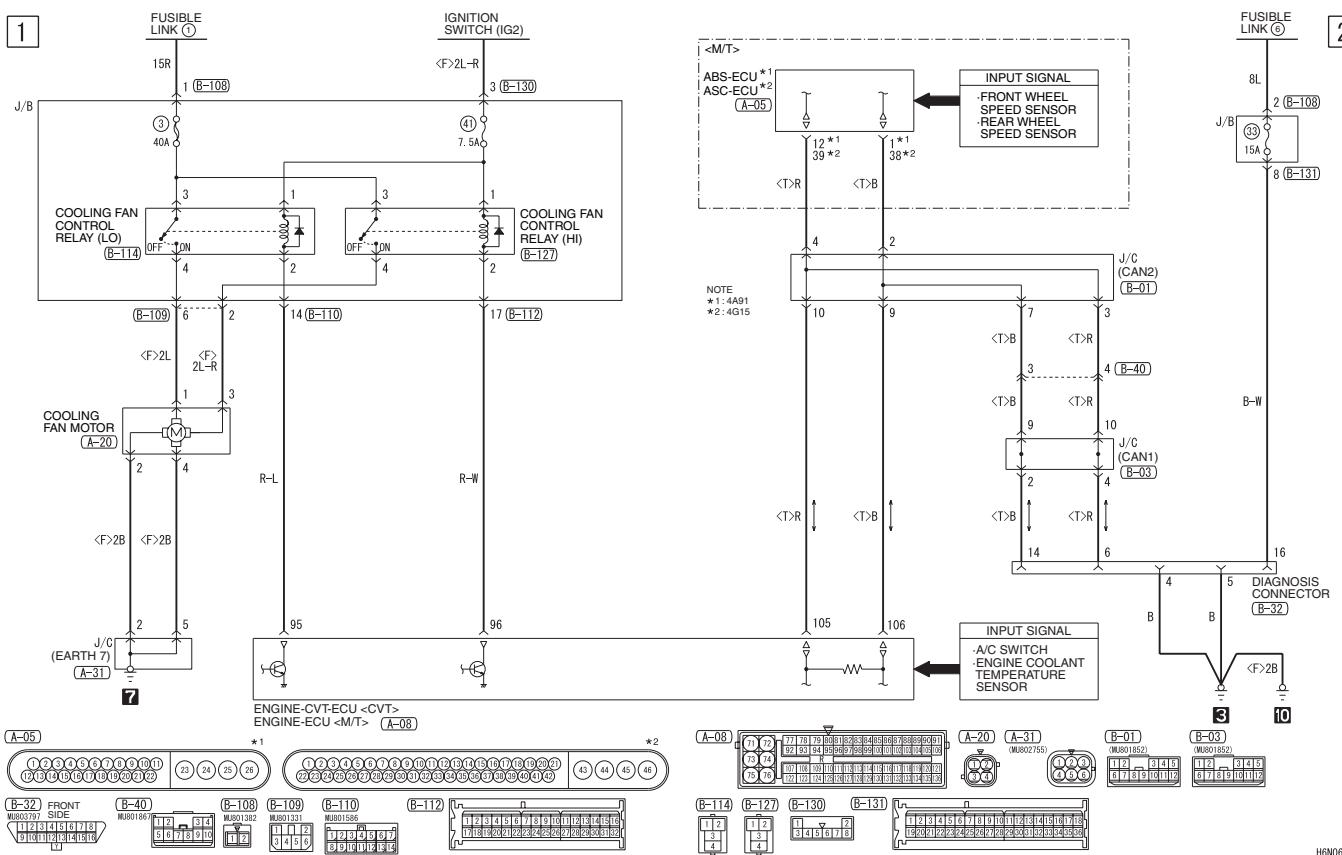
## COOLING SYSTEM <4A91>

M1901001002148



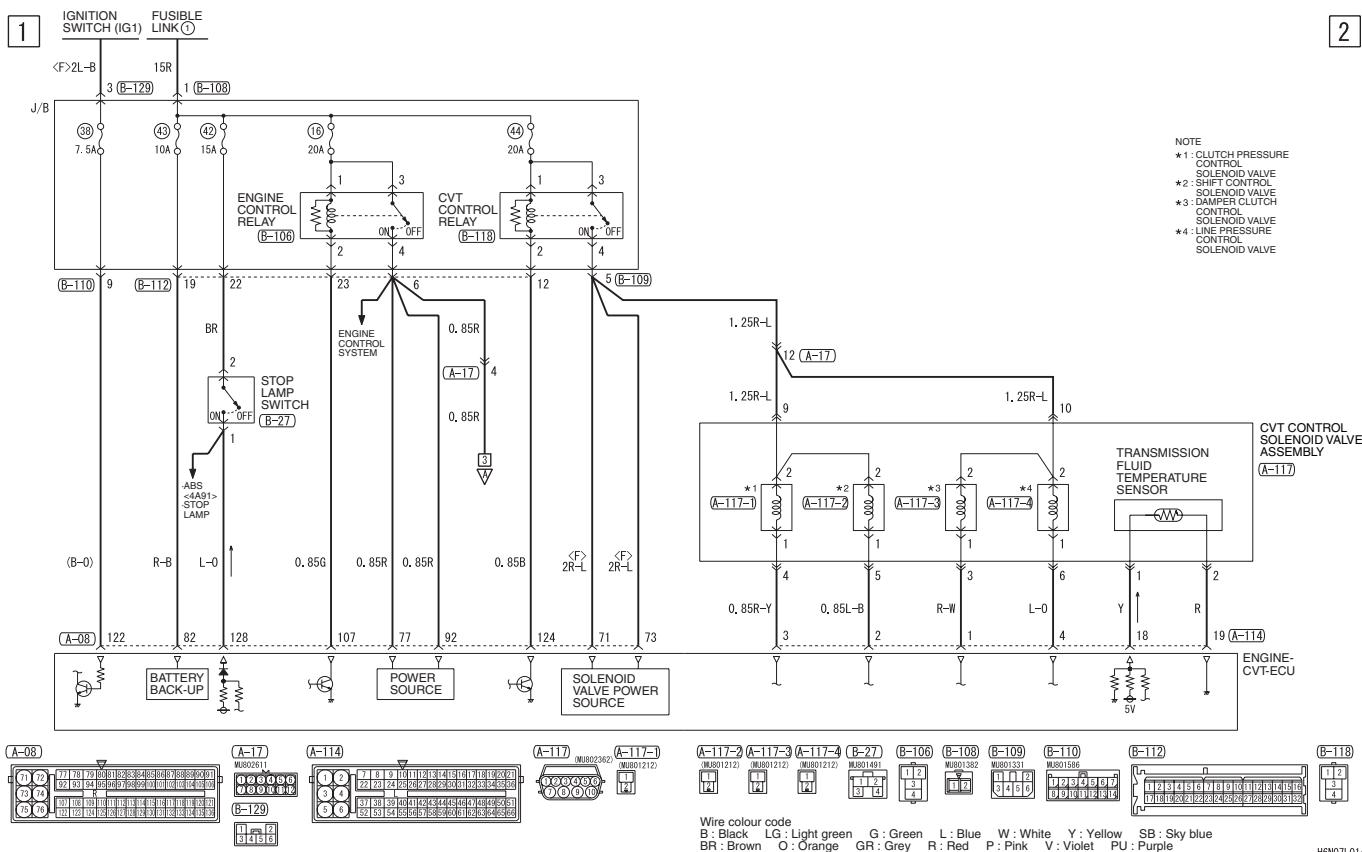
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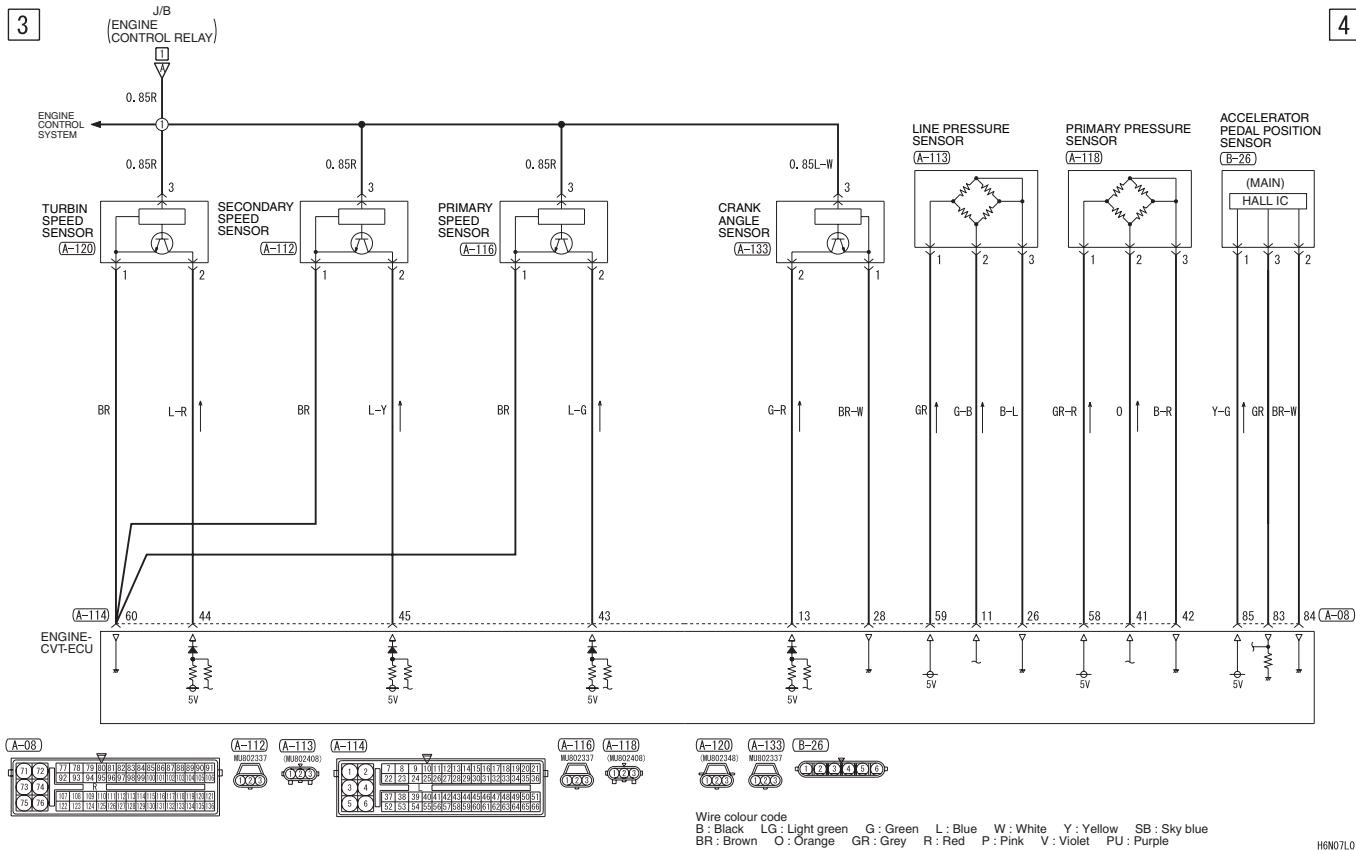


# INVECS-III CVT

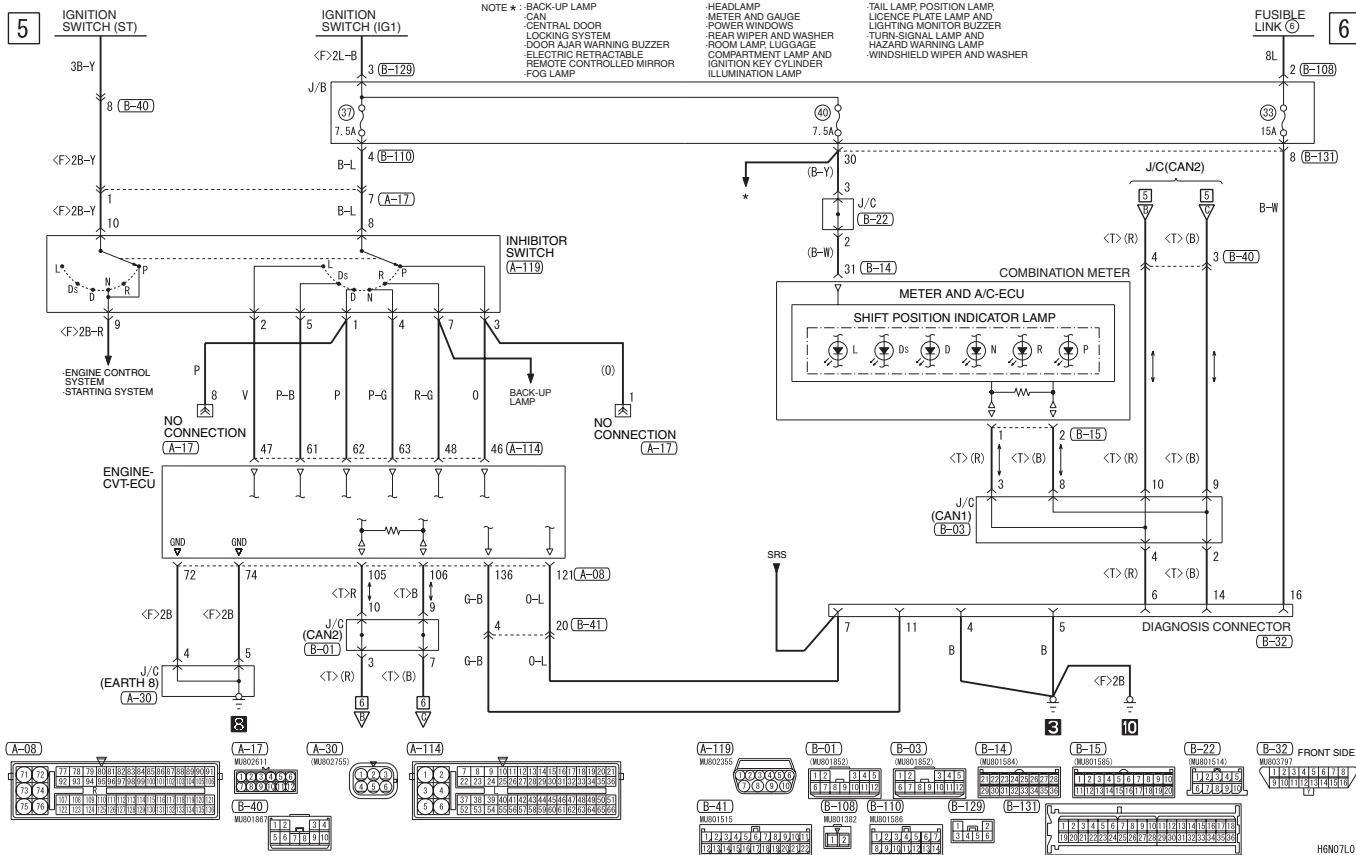
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## **INVECS-III CVT (CONTINUED)**

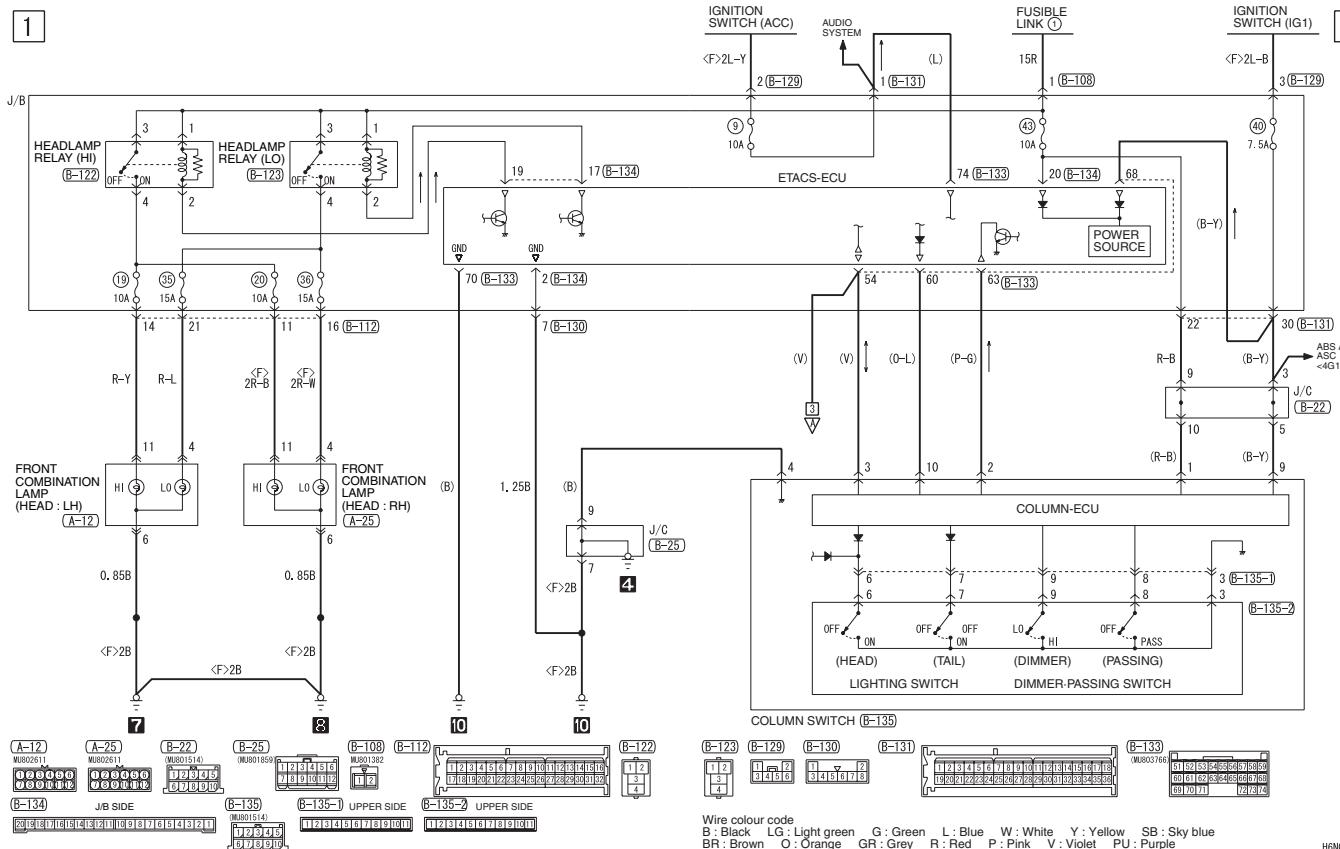


## **INVECS-III CVT (CONTINUED)**



## **HEADLAMP**

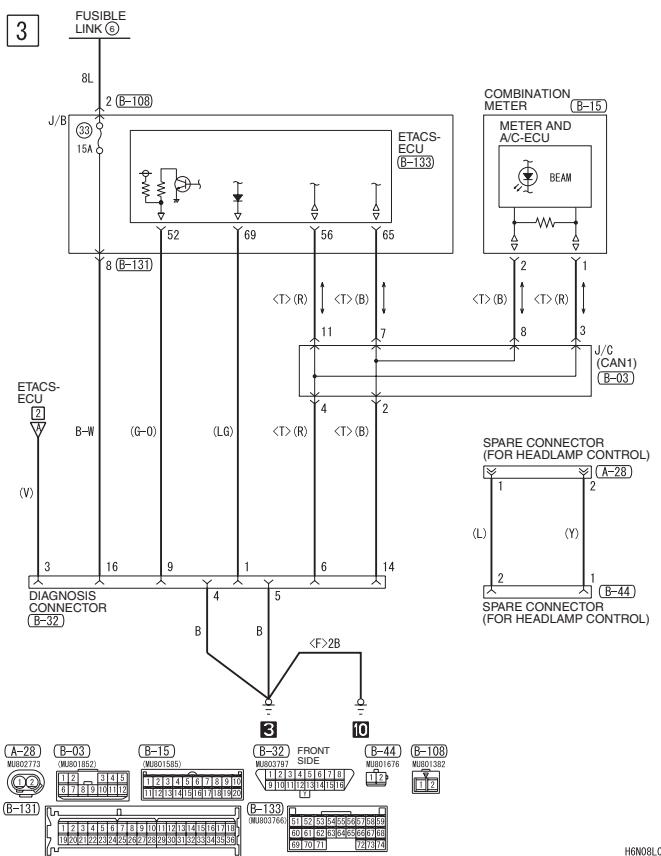
M1901001502886



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

H6N08L04AC

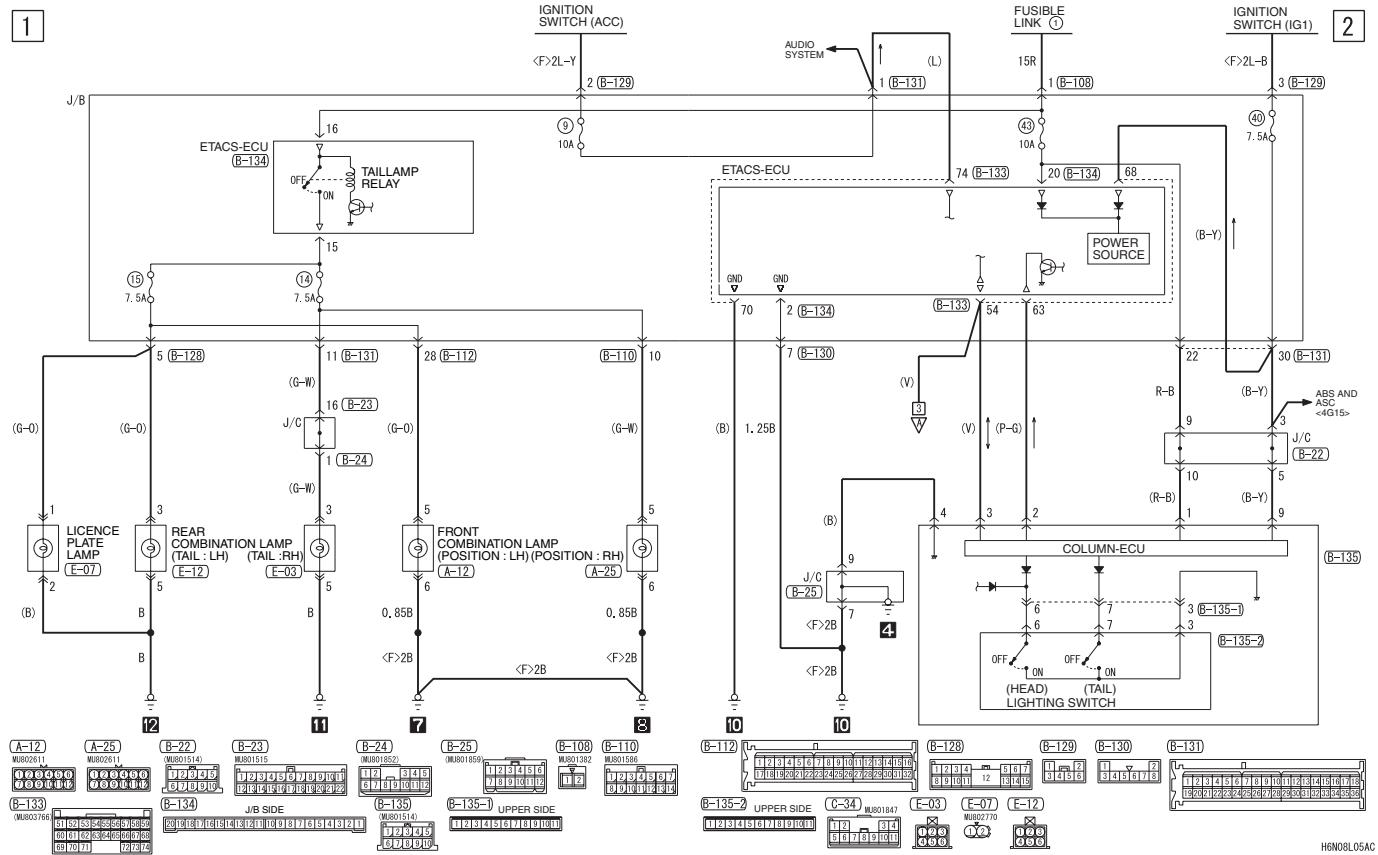
## **HEADLAMP (CONTINUED)**



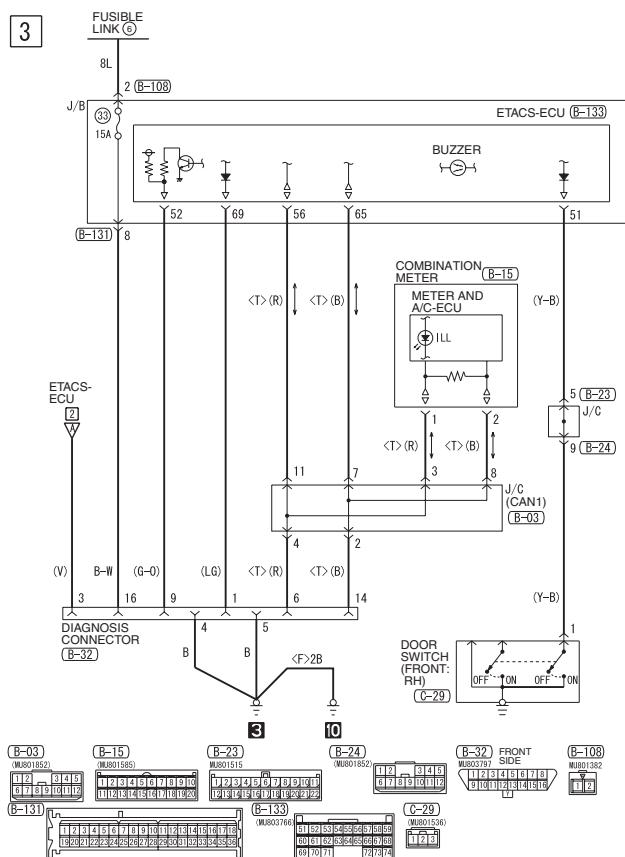
## **TAIL LAMP, POSITION LAMP, LICENCE PLATE LAMP AND LIGHTING MONITOR BUZZER**

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

M1901001701445



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

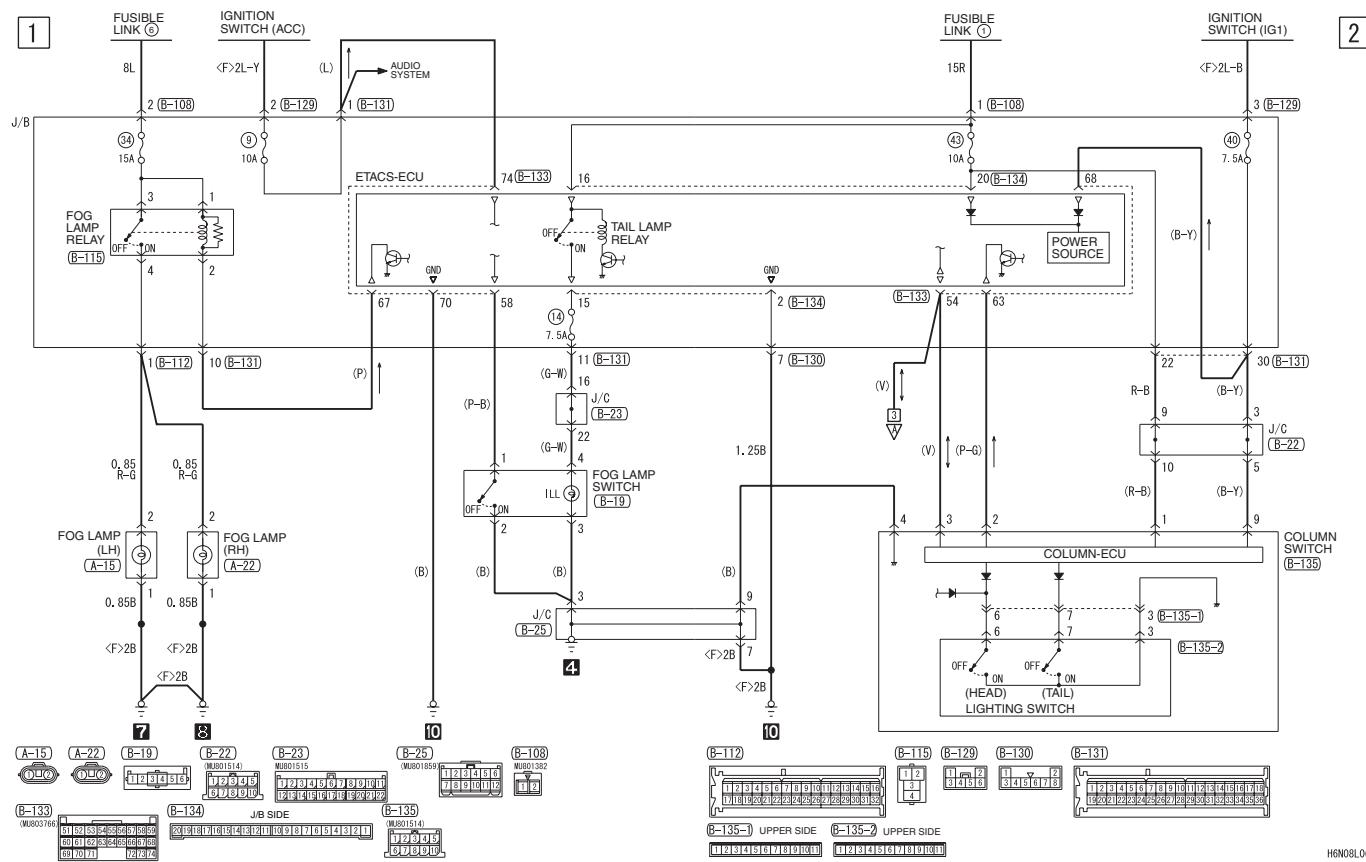


HGN08L05BC

# FOG LAMP

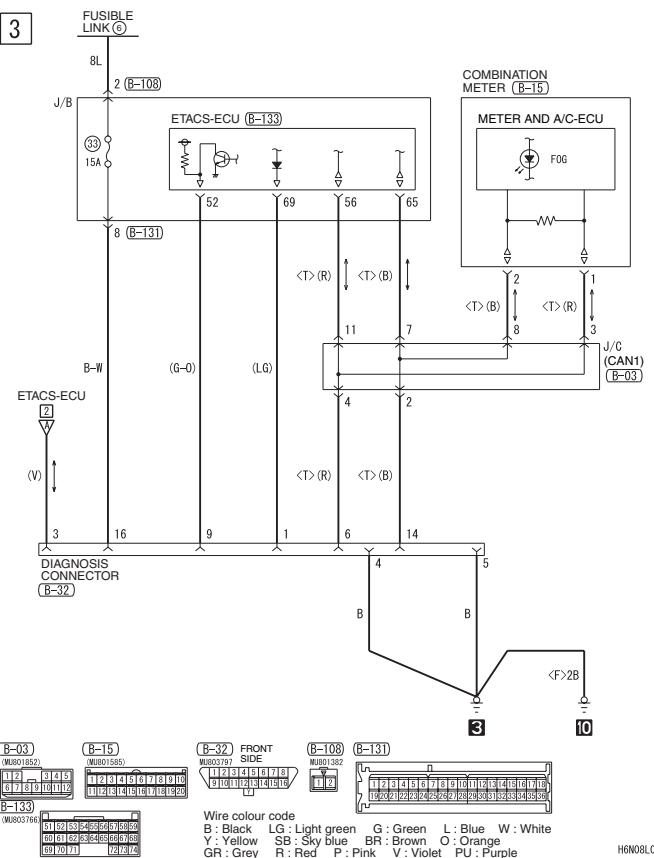
## FOG LAMP <4A91>

M1901001801066



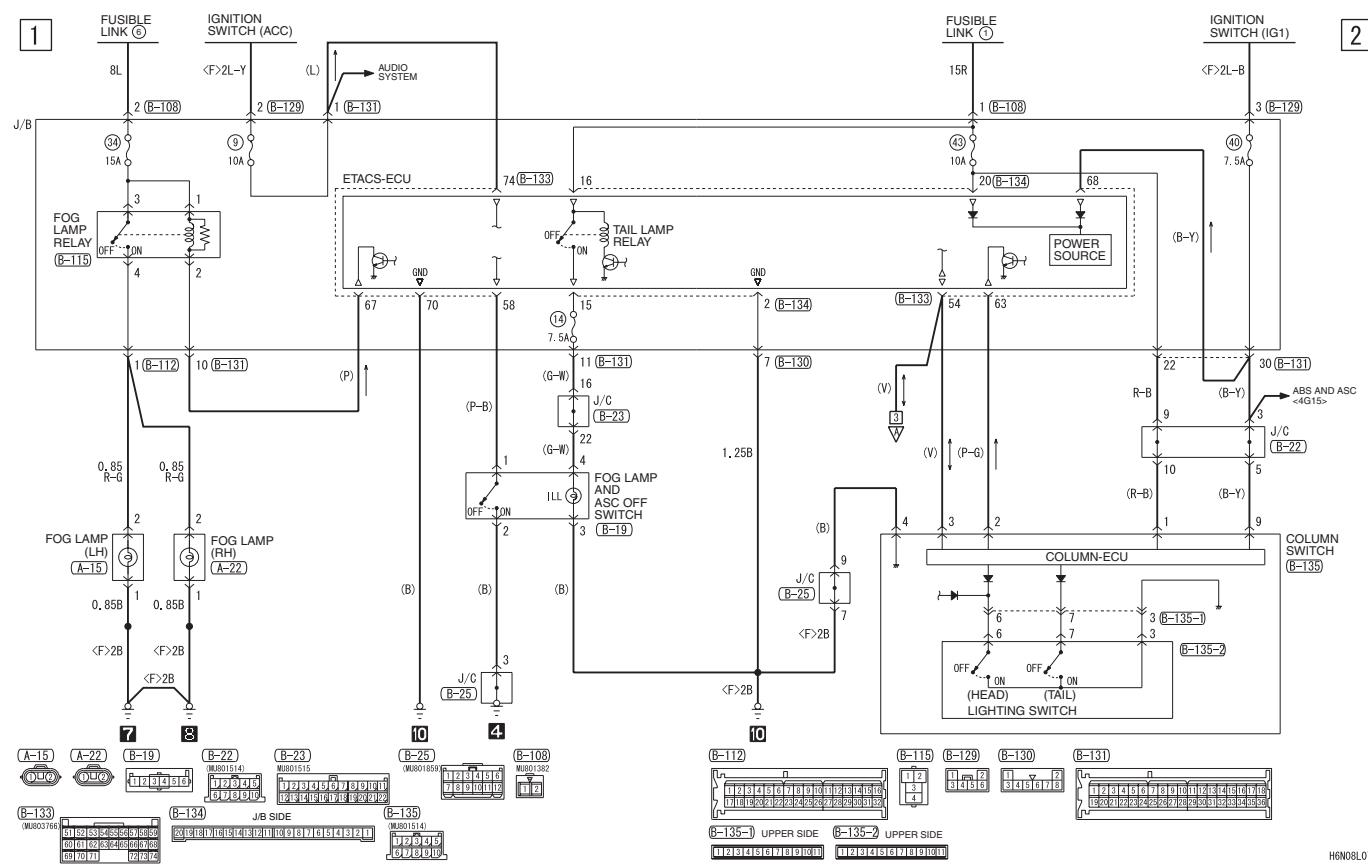
H6N0BL06AC

## FOG LAMP &lt;4A91&gt; (CONTINUED)



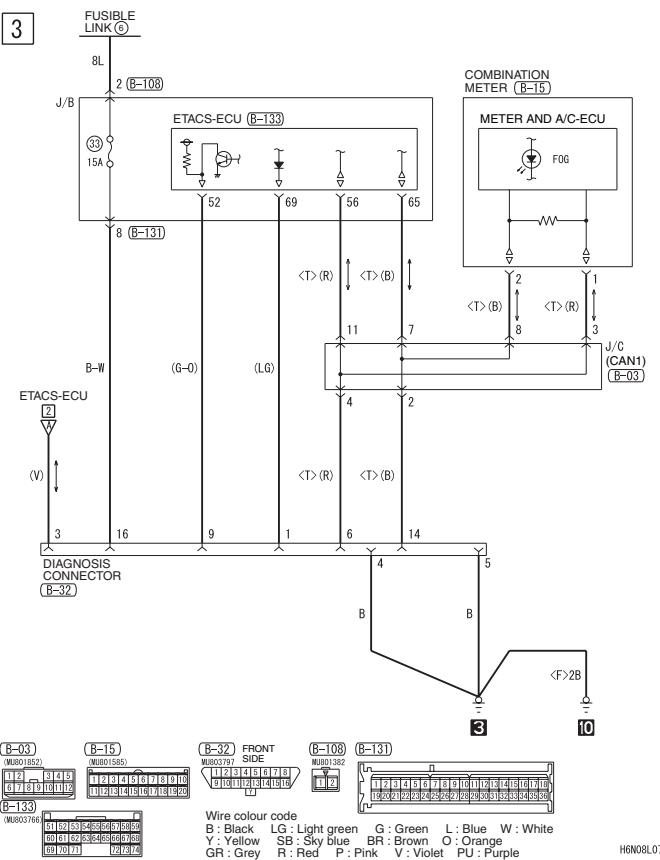
FOG LAMP <4G15>

M1901001801088



HON08L07AC

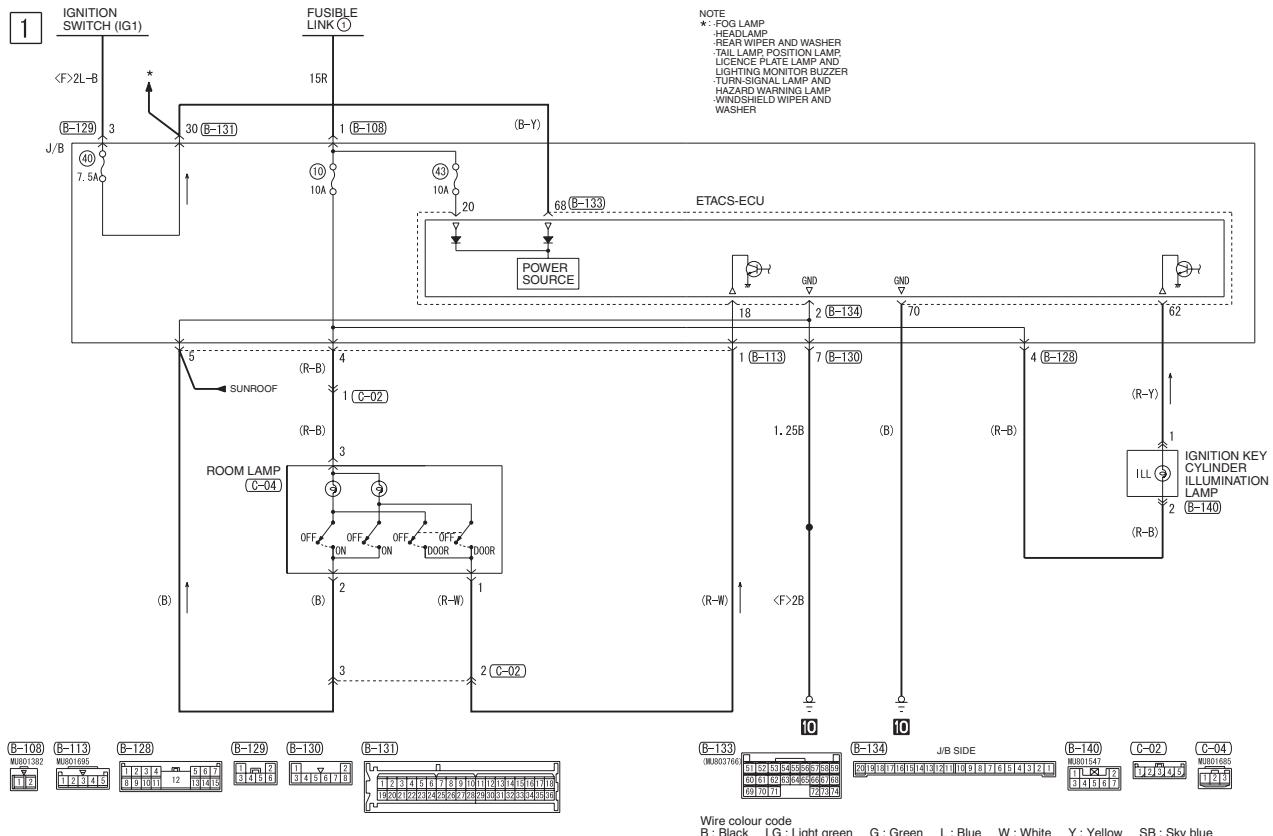
## FOG LAMP &lt;4G15&gt; (CONTINUED)



H6N08L07BC

# ROOM LAMP, LUGGAGE COMPARTMENT LAMP AND IGNITION KEY CYLINDER ILLUMINATION LAMP

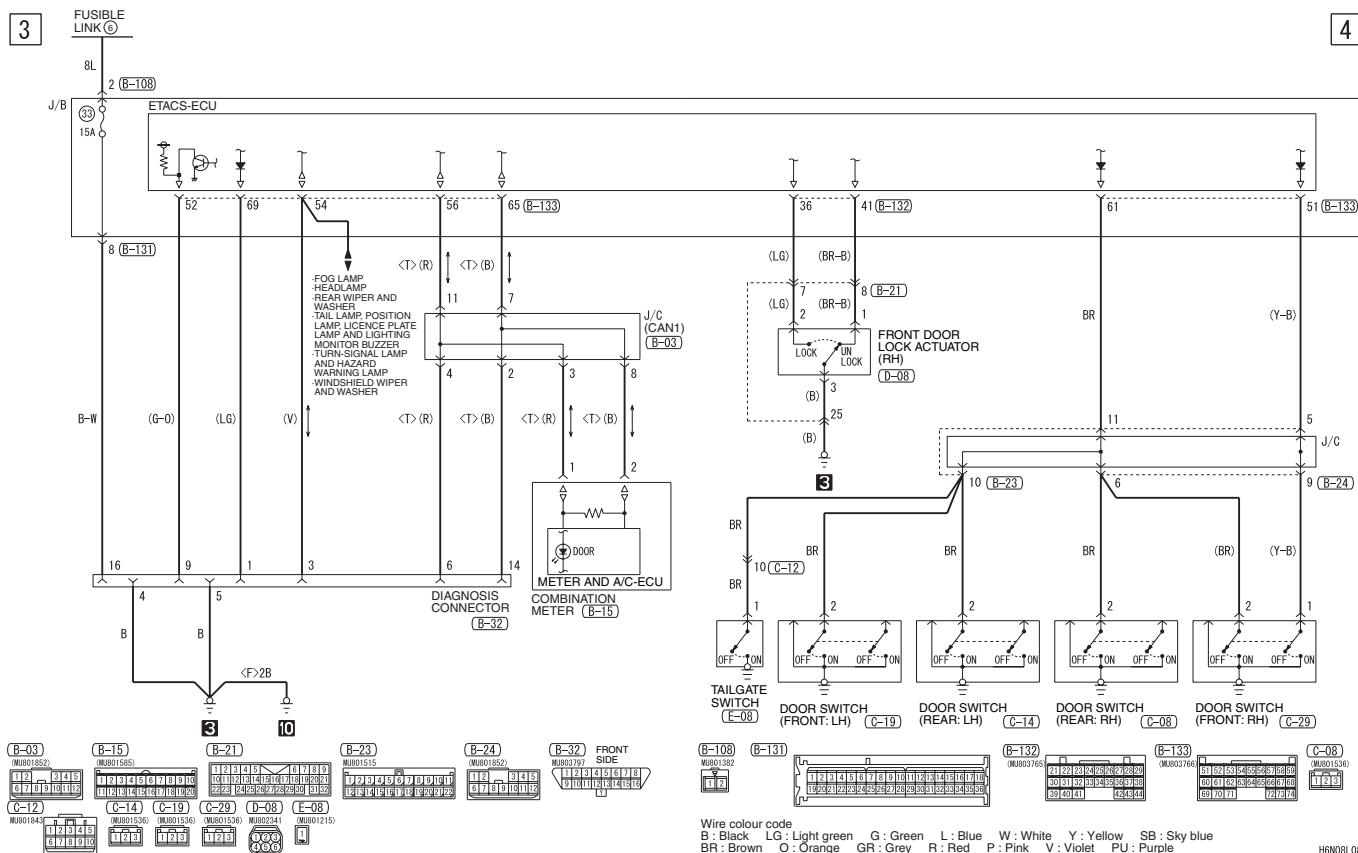
M1901017300357



[2]

HG08L08AC

**ROOM LAMP, LUGGAGE COMPARTMENT LAMP AND IGNITION KEY CYLINDER ILLUMINATION LAMP (CONTINUED)**

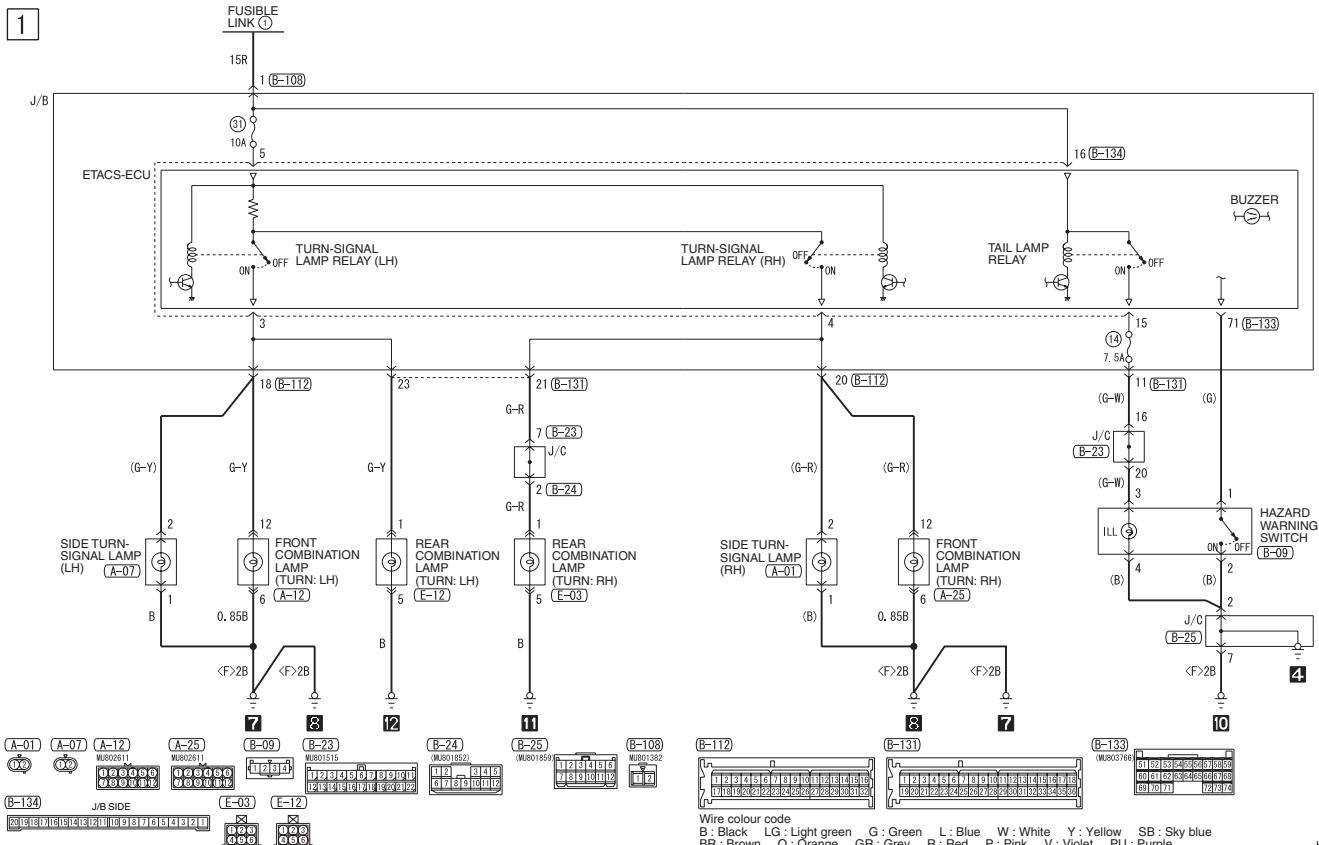


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H6N08L08BC

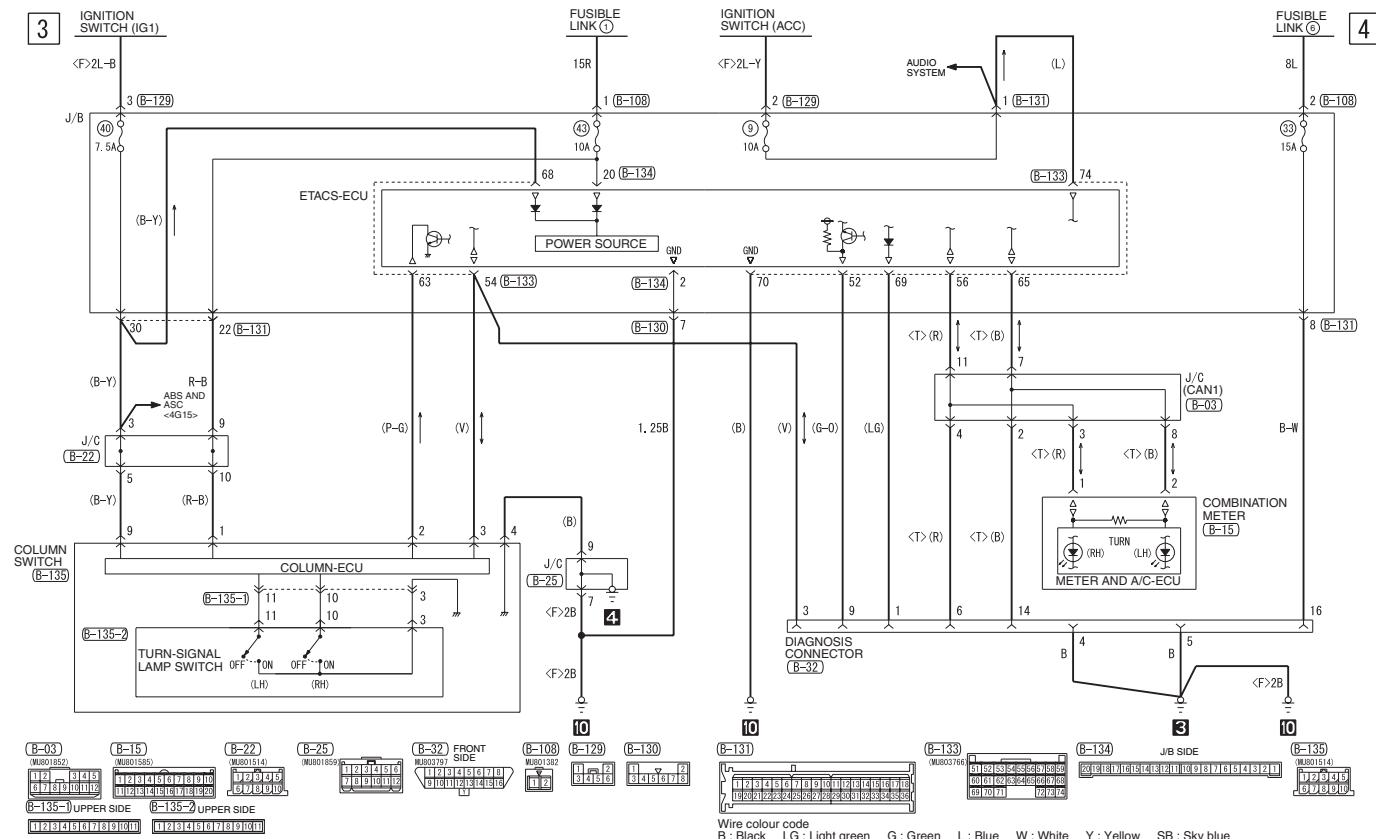
# TURN-SIGNAL LAMP AND HAZARD WARNING LAMP

M1901020400332



H6N09L04AC

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



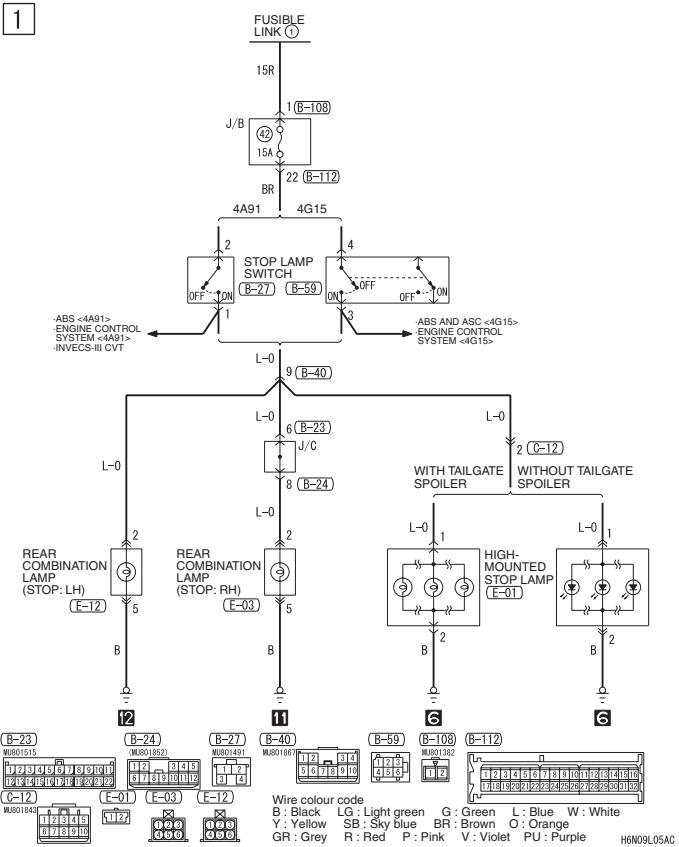
Wire colour code  
 B : Black   LG : Light green   G : Green   L : Blue   W : White   Y : Yellow   SB : Sky blue  
 BR : Brown   O : Orange   GR : Grey   R : Red   P : Pink   V : Violet   PU : Purple

H6N09L04BC

# STOP LAMP

M1901003002445

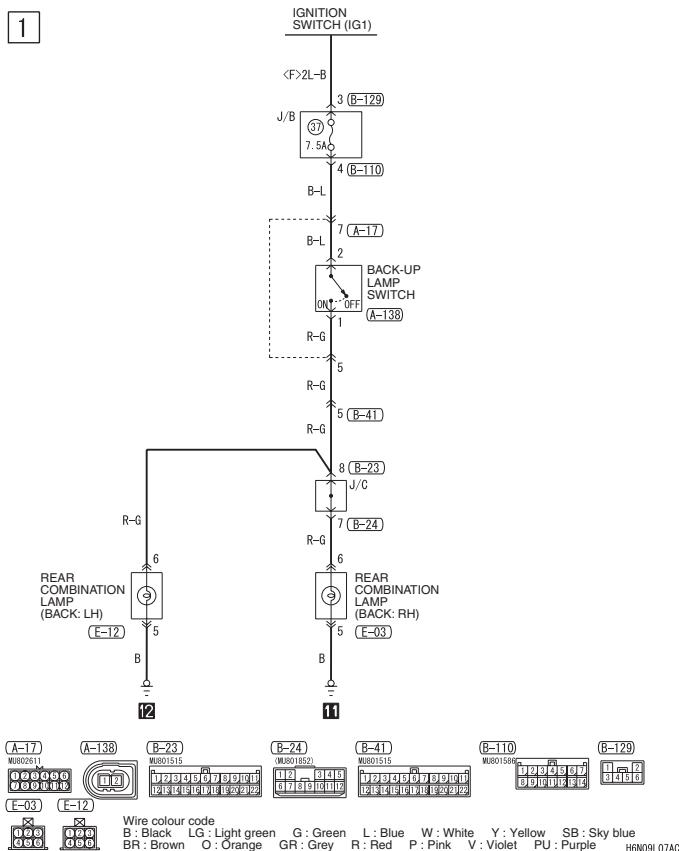
1



## BACK-UP LAMP

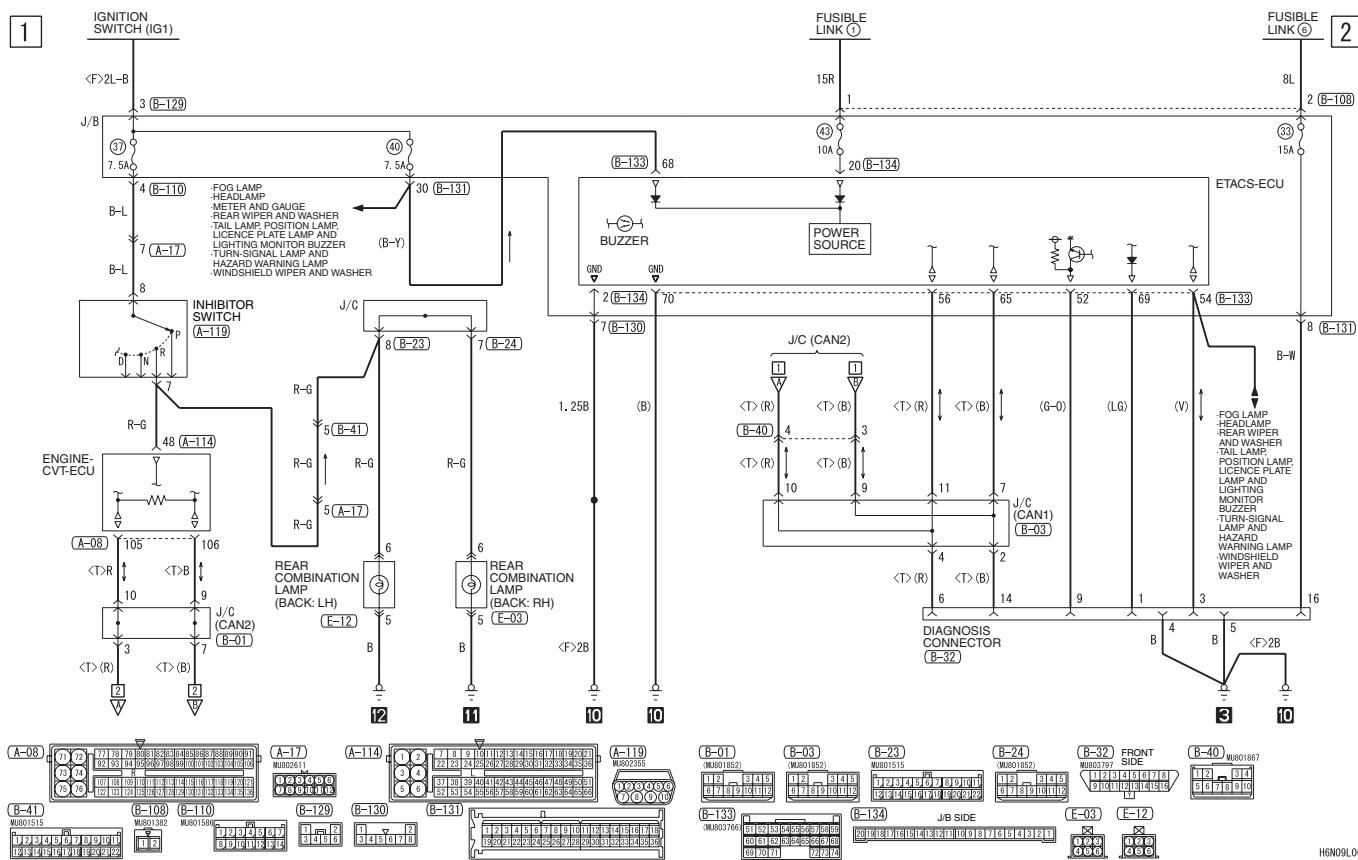
## BACK-UP LAMP &lt;M/T&gt;

M1901003102561



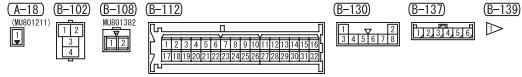
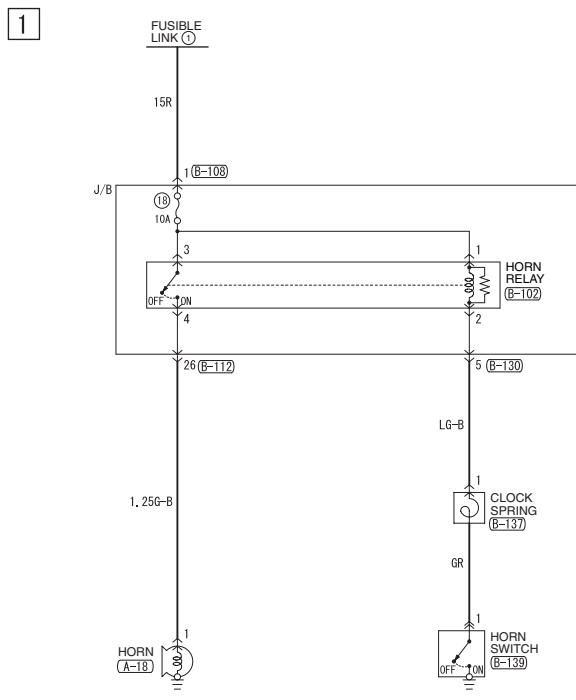
## **BACK-UP LAMP <CVT>**

M1901003102583



## HORN

M1901003301595

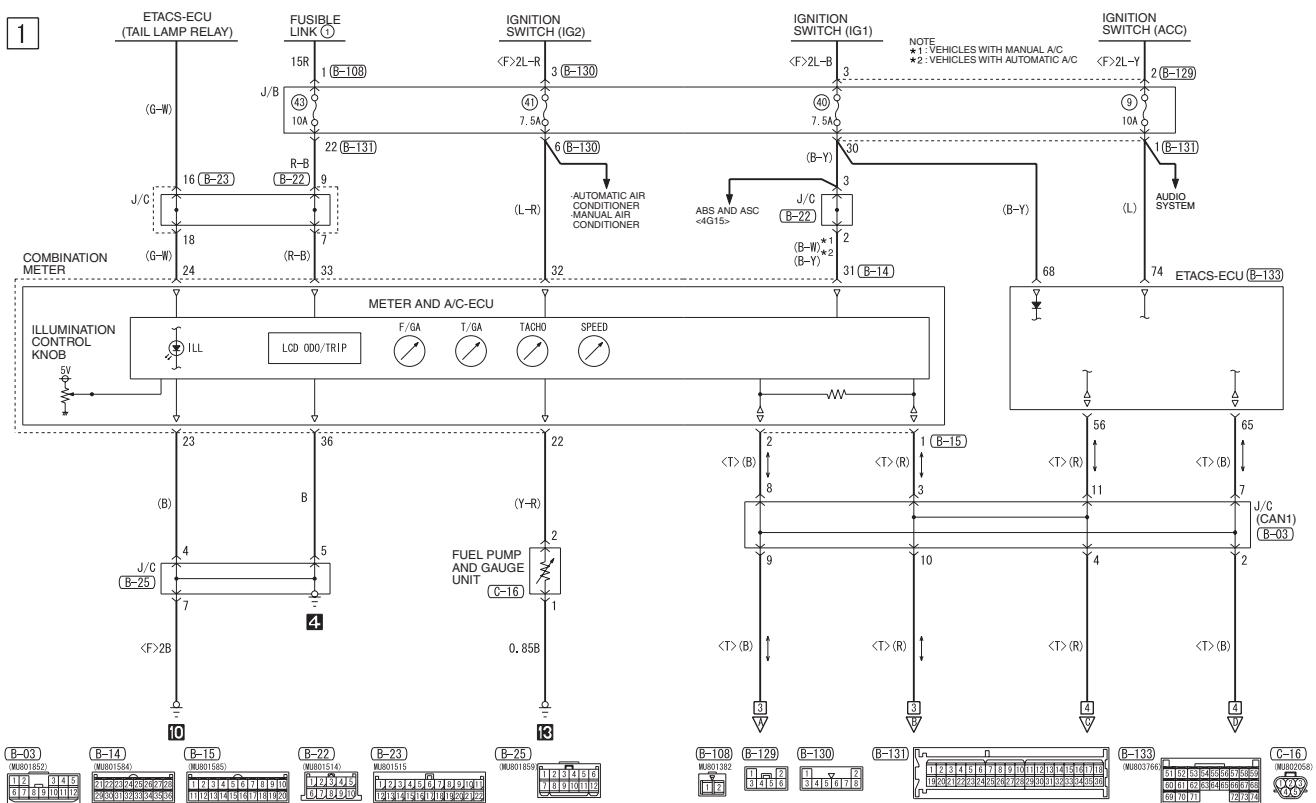


Wire colour code  
 B : Black   LG : Light green   G : Green   L : Blue   W : White   Y : Yellow   SB : Sky blue  
 BR : Brown   O : Orange   GR : Grey   R : Red   P : Pink   V : Violet   PU : Purple

H6N09L03AC

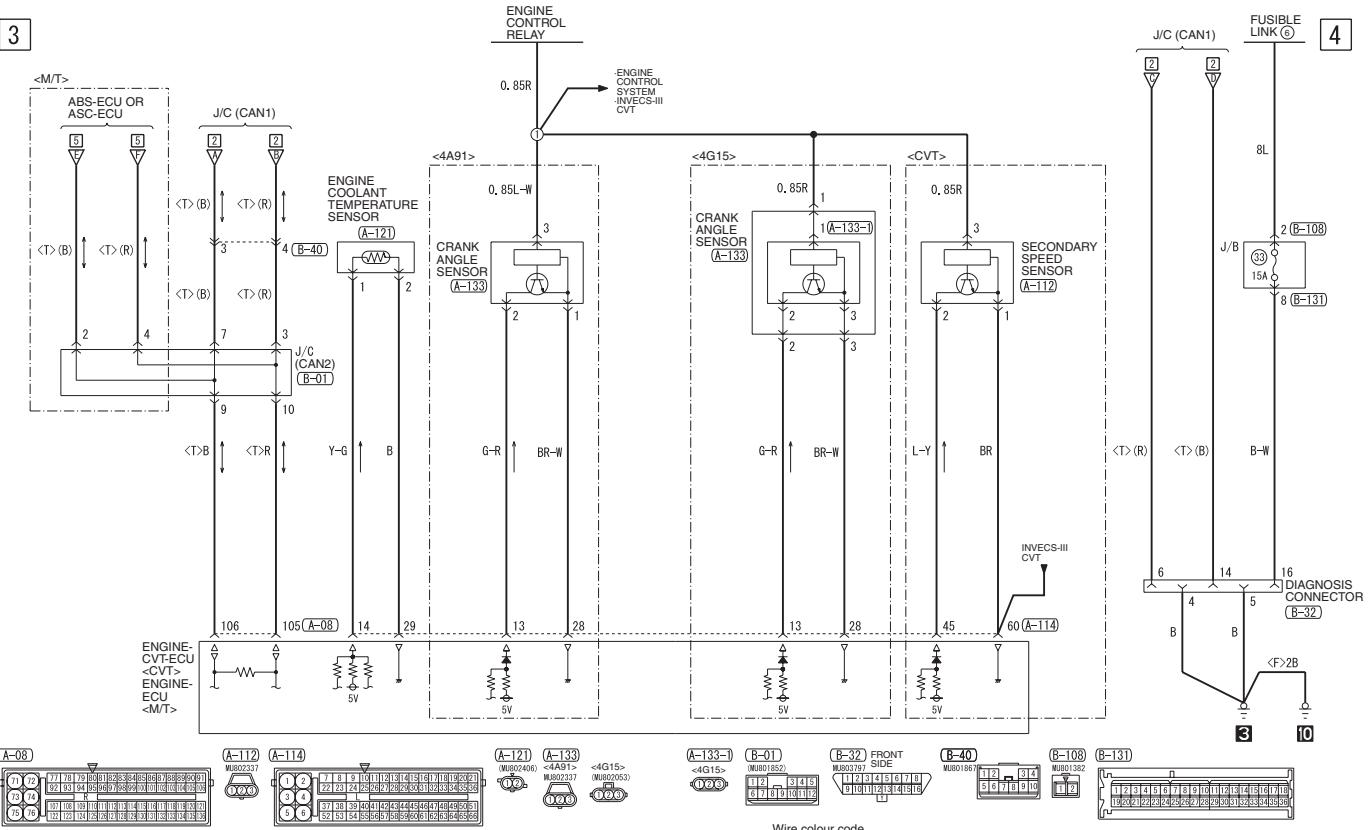
# METER AND GAUGE

M1901003502837

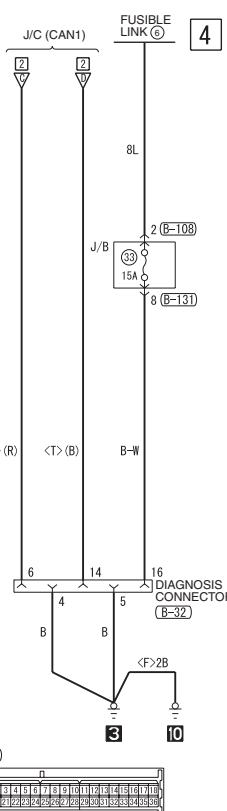


## METER AND GAUGE (CONTINUED)

3

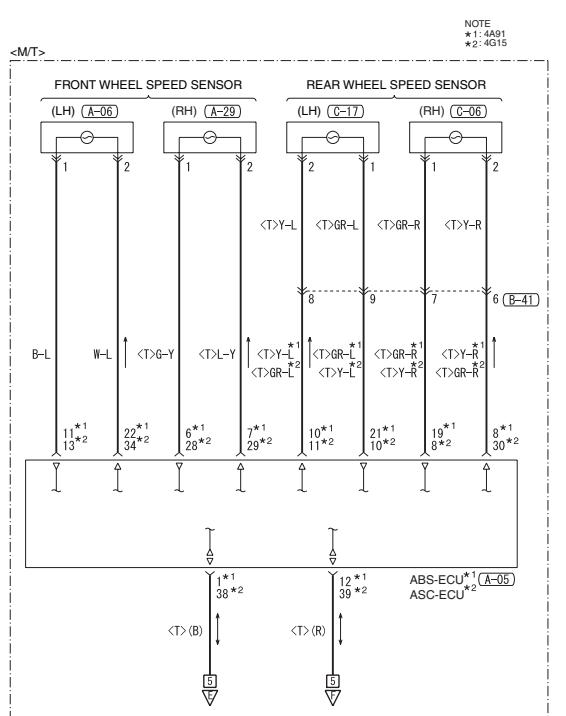


4

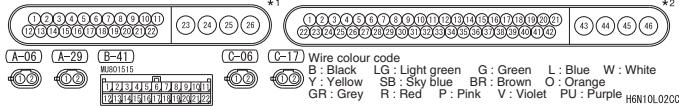


## METER AND GAUGE (CONTINUED)

5

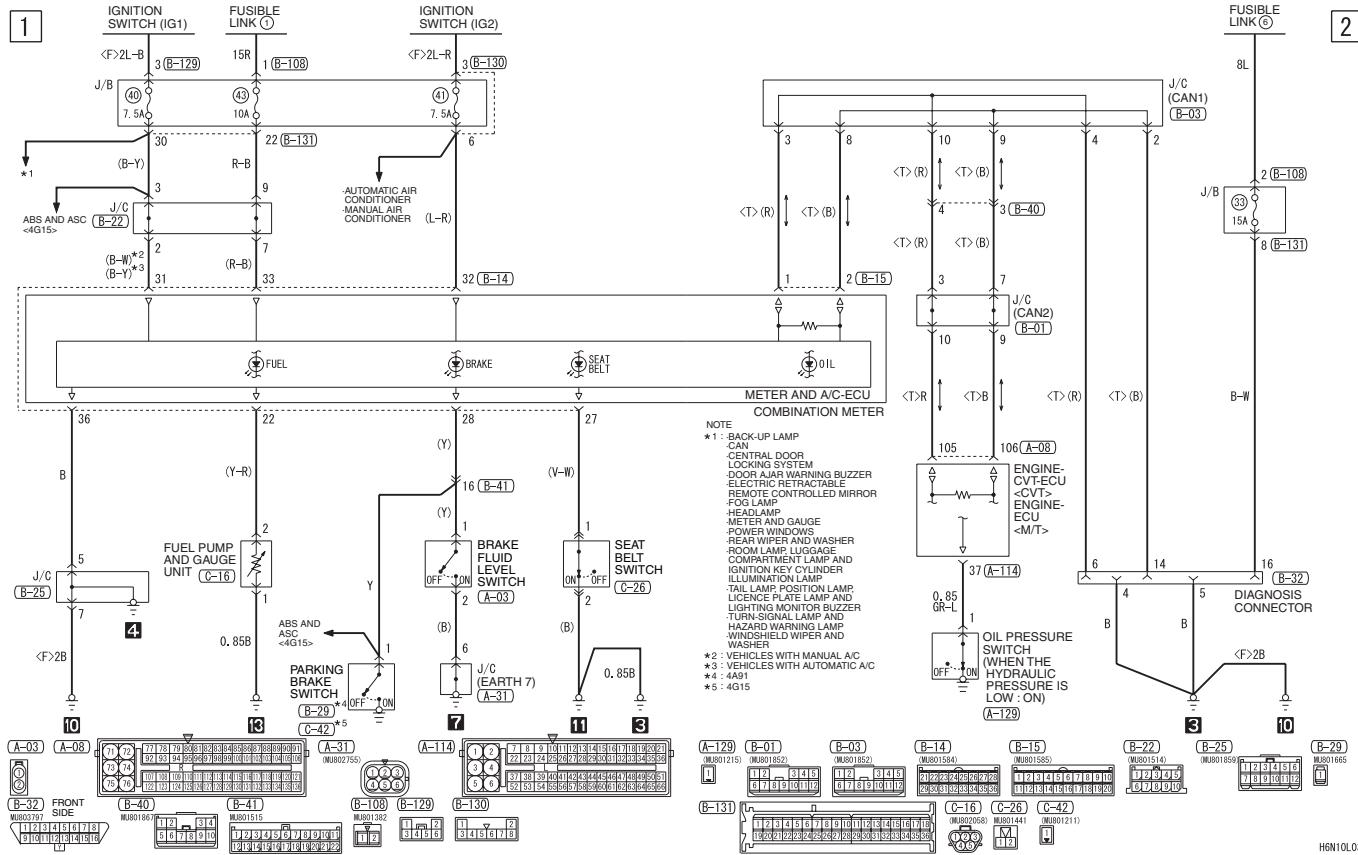


A-05



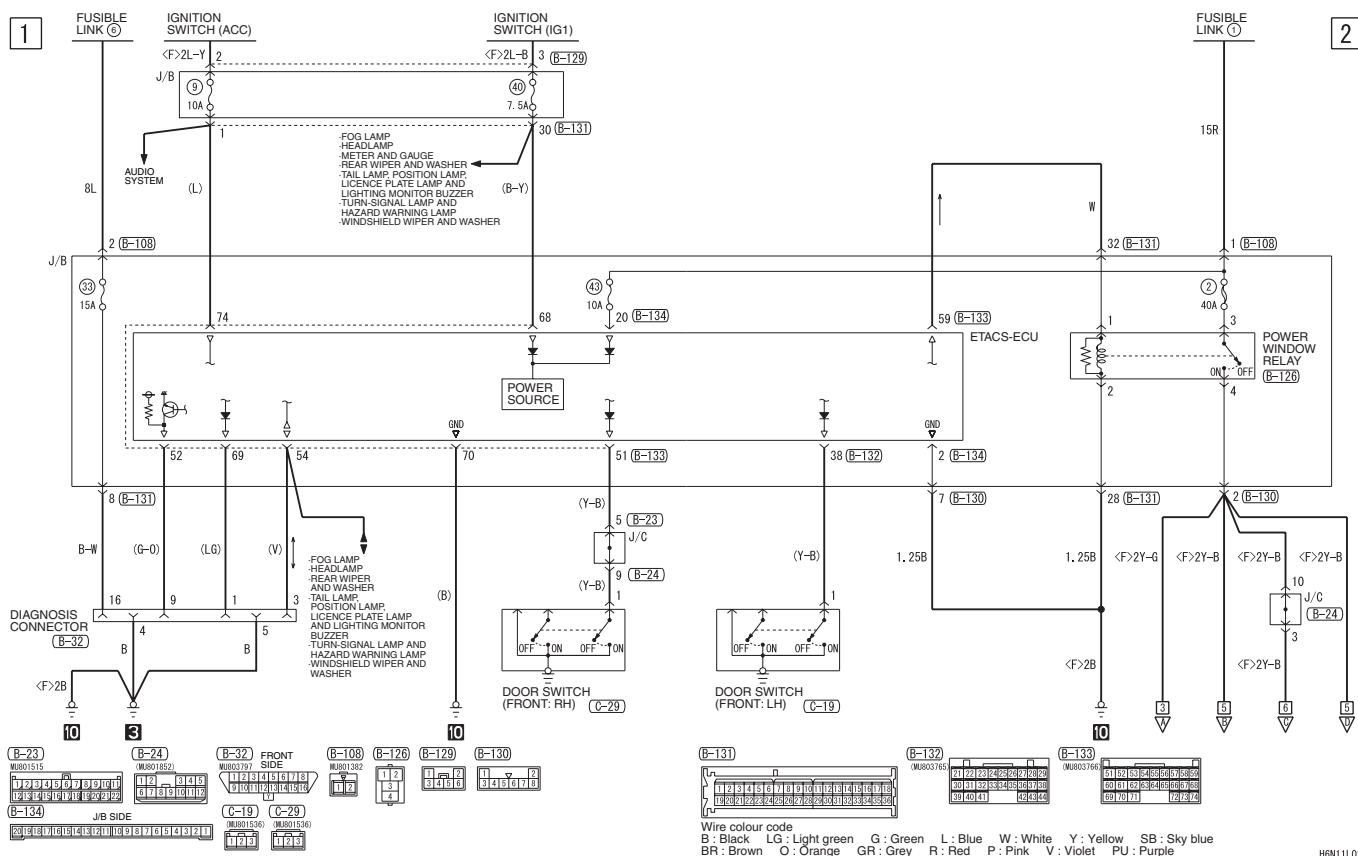
# **FUEL WARNING LAMP, OIL PRESSURE WARNING LAMP SEAT BELT WARNING LAMP AND BRAKE WARNING LAMP**

M1901011801777

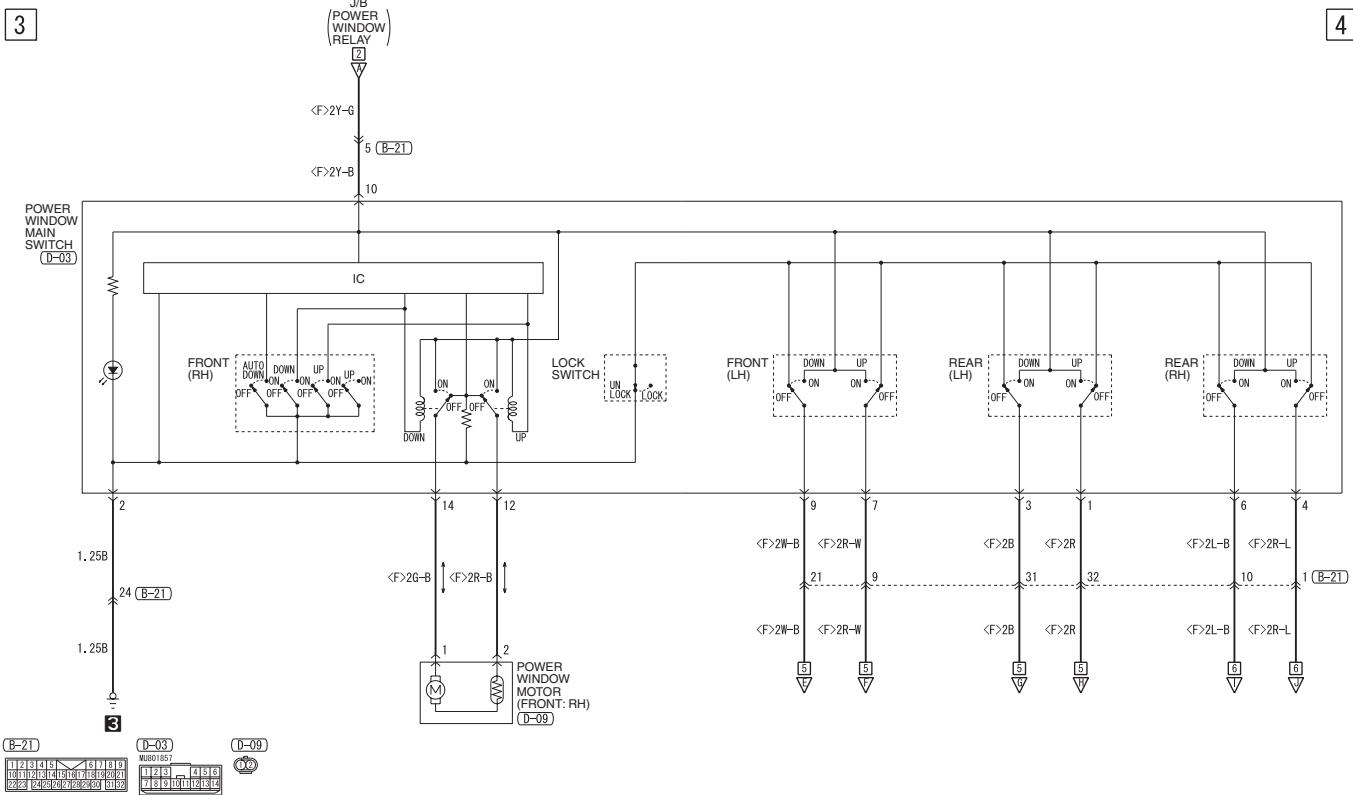


# **POWER WINDOWS**

M1901004602688



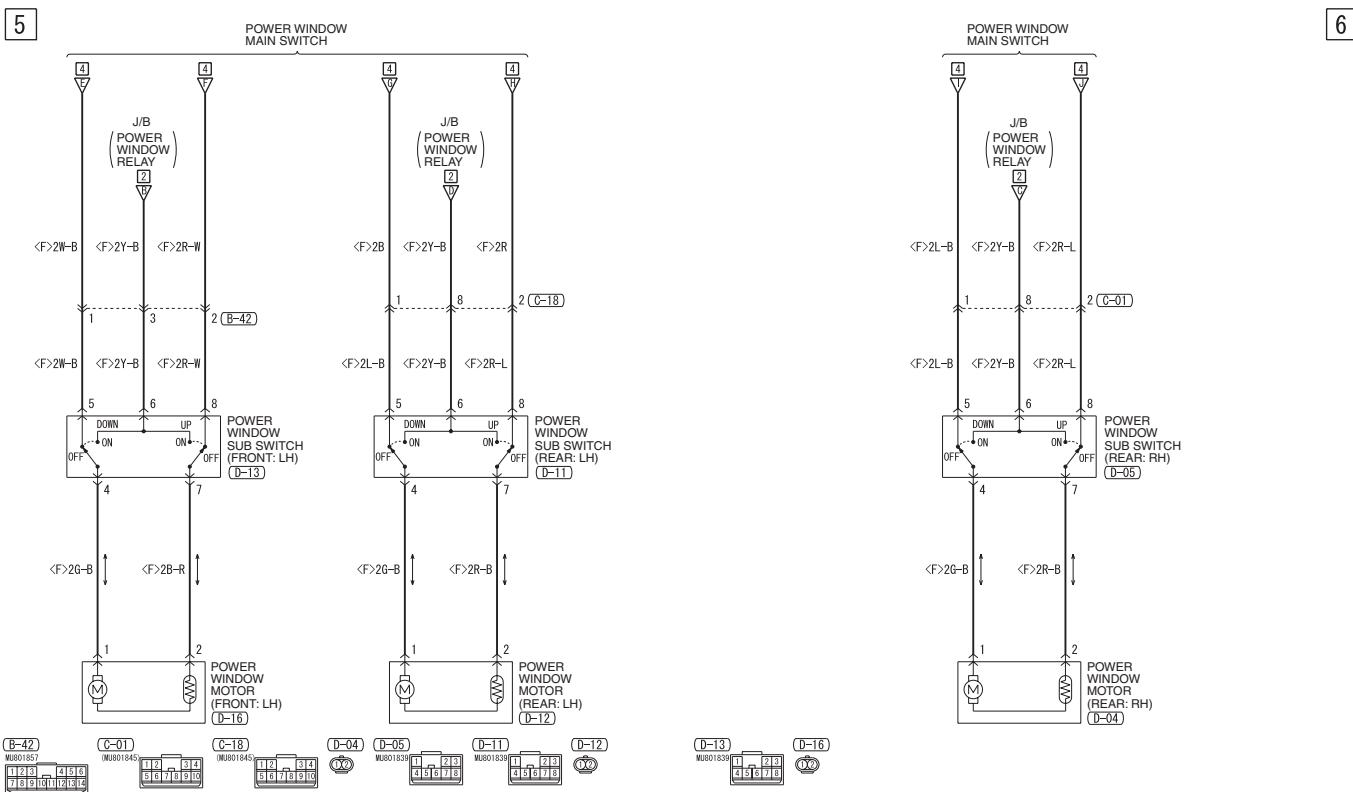
POWER WINDOWS (CONTINUED)



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

H6N11L02BC

POWER WINDOWS (CONTINUED)

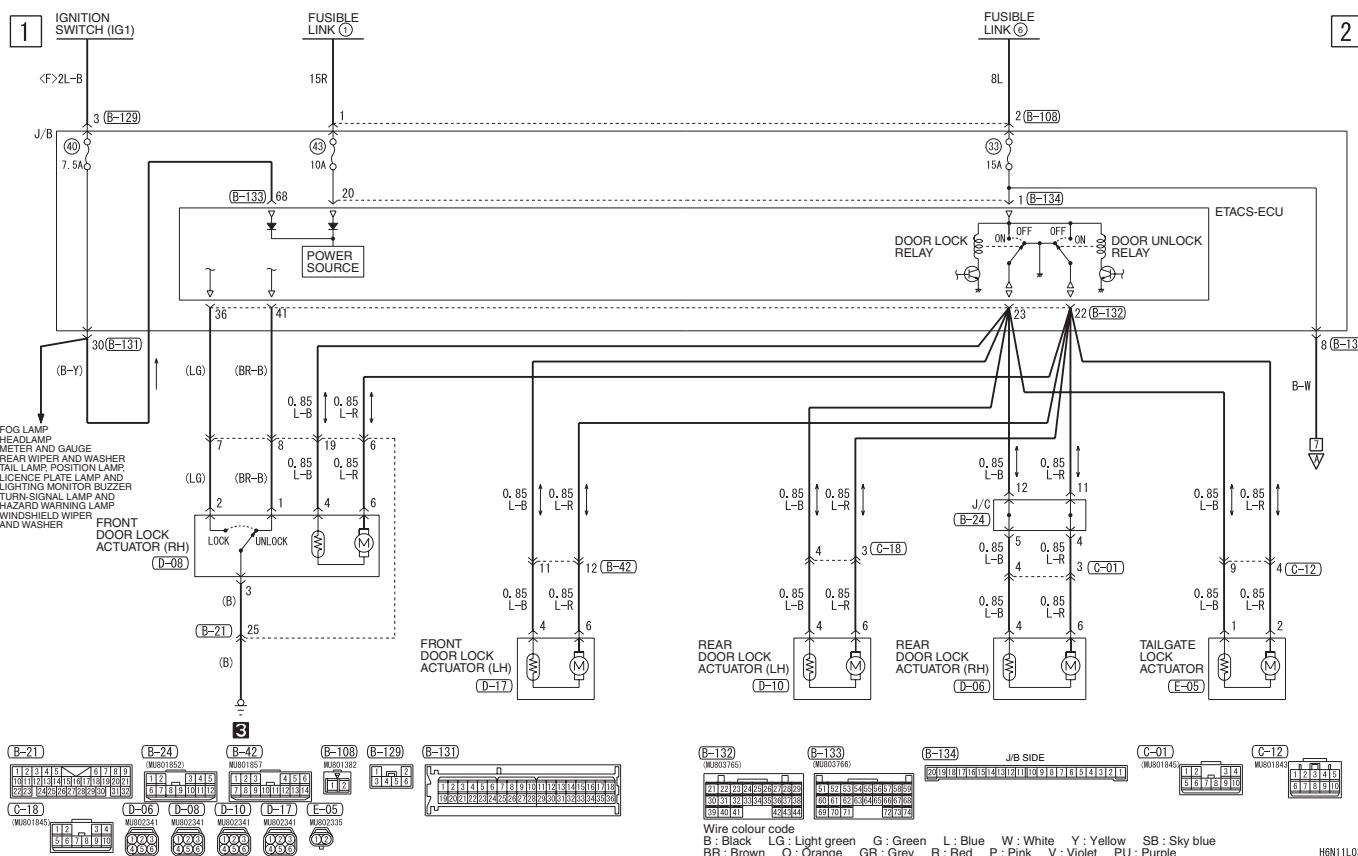


Wire colour code  
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue  
BR : Brown O : Orange GR : Gray R : Red P : Pink V : Violet

H6N11L02CC

## CENTRAL DOOR LOCKING SYSTEM

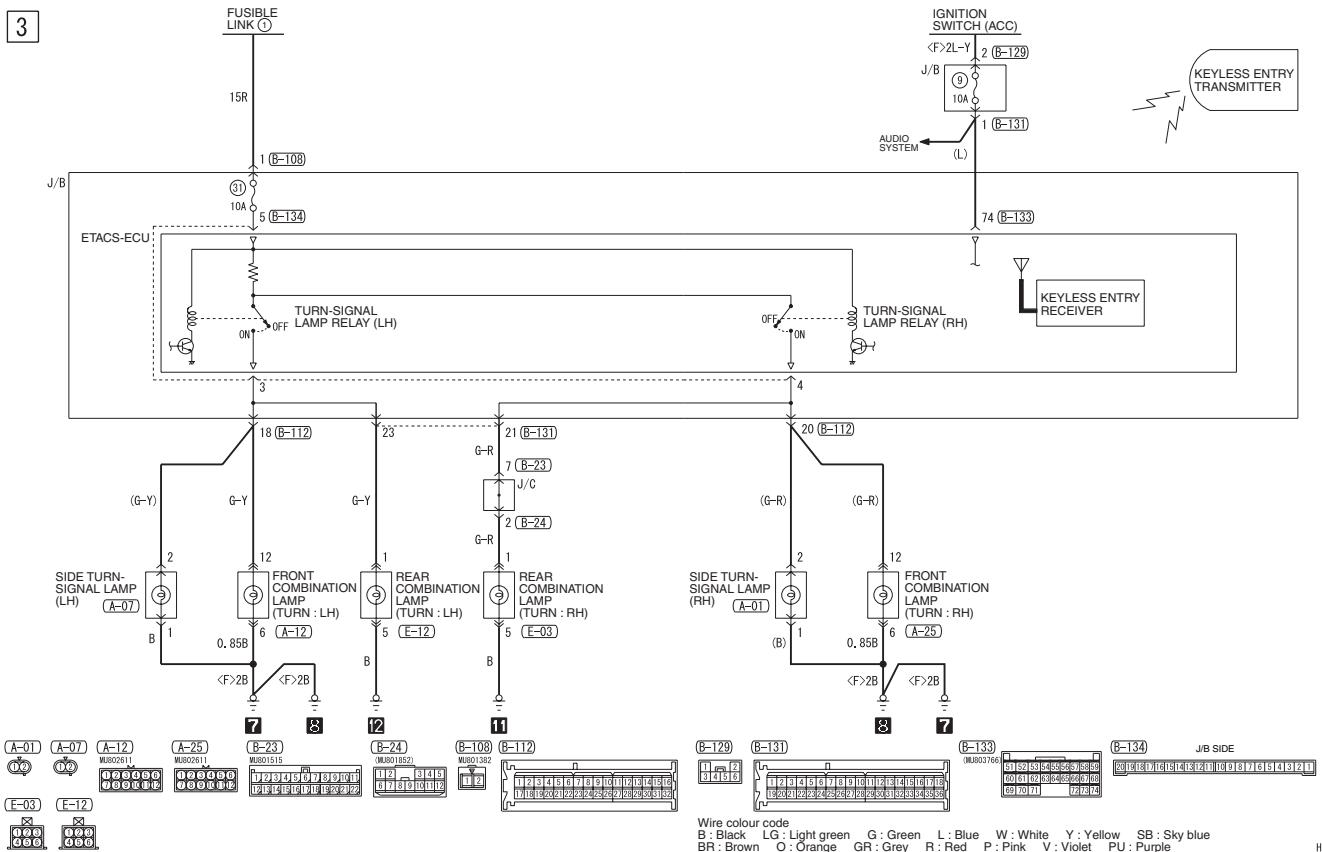
M1901004704142



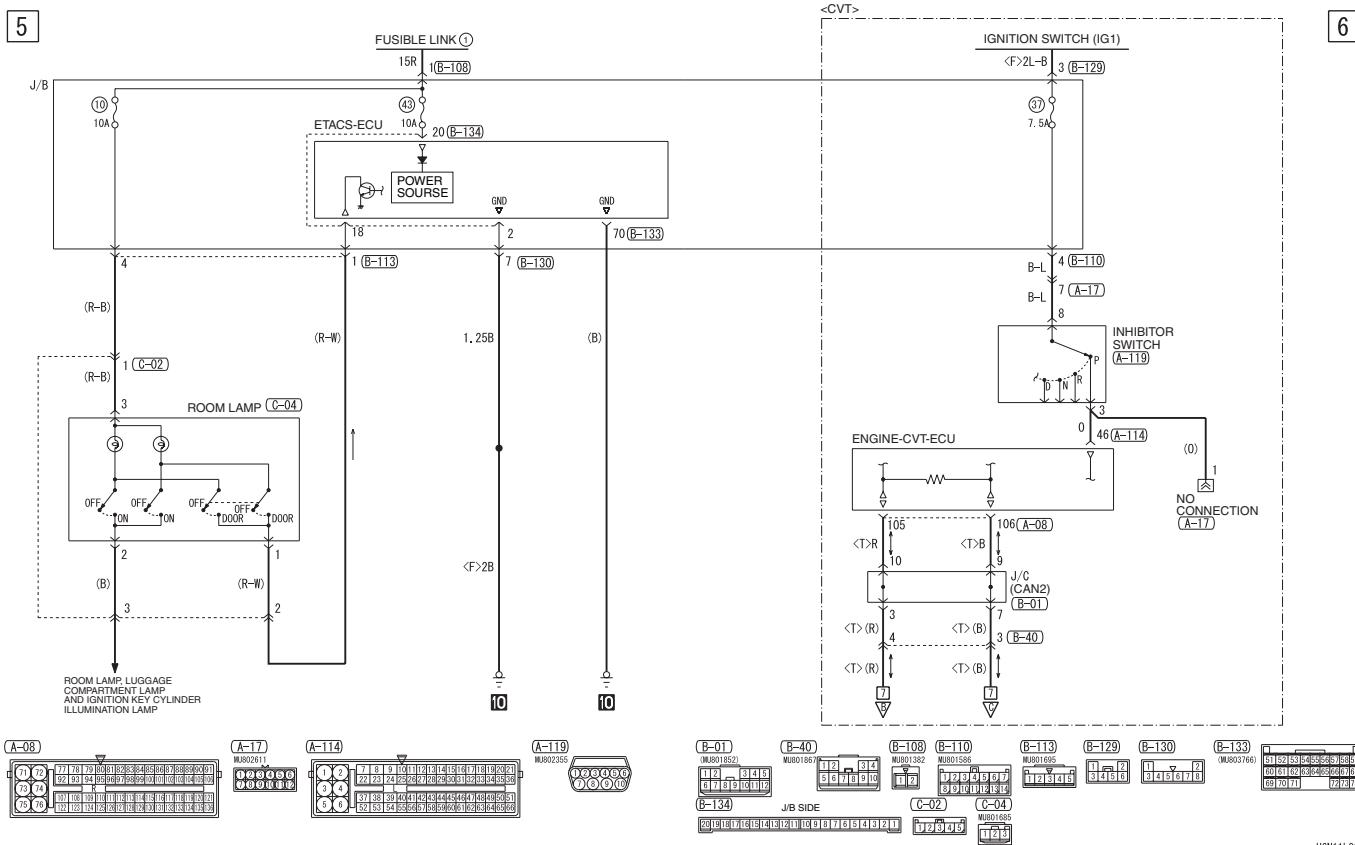
Wire colour code:  
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 BR : Brown   O : Orange   GR : Grey   R : Red   P : Pink   V : Violet   PU : Purple

H6N11L03AC

## **CENTRAL DOOR LOCKING SYSTEM (CONTINUED)**



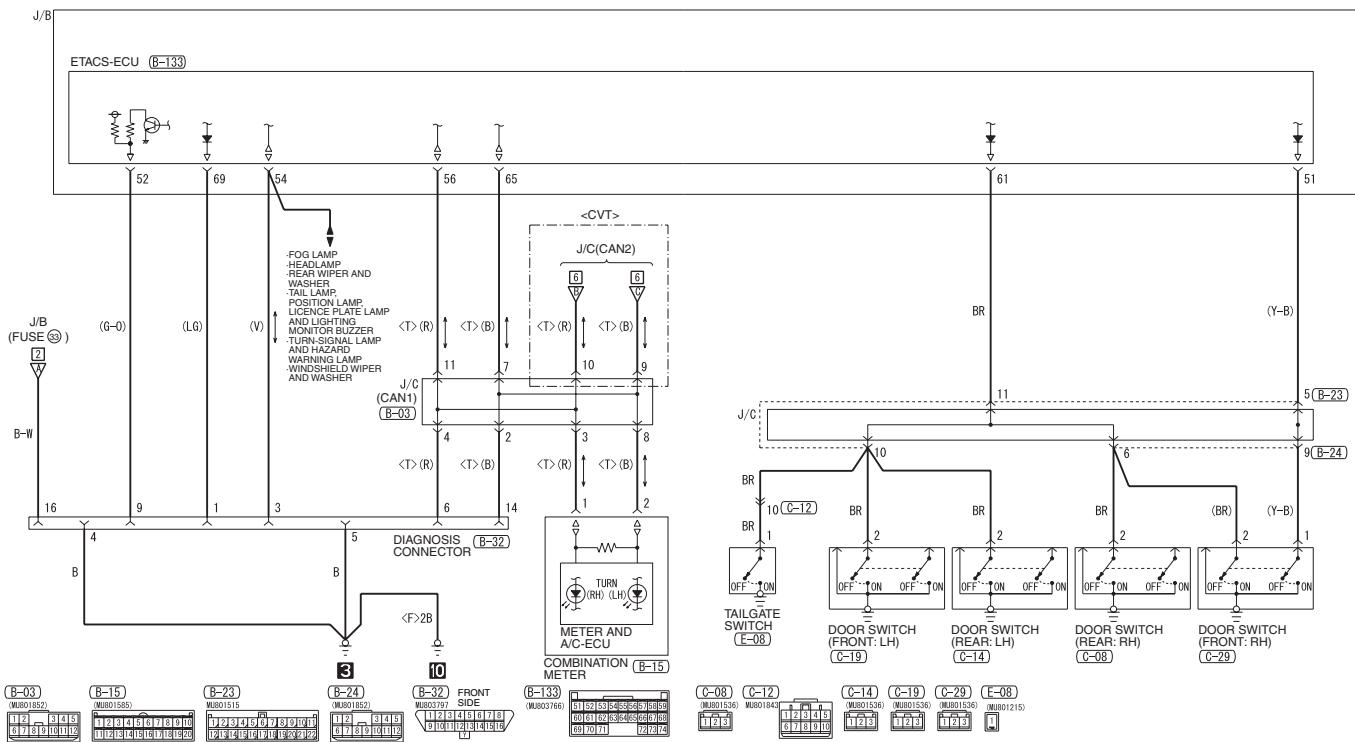
#### **CENTRAL DOOR LOCKING SYSTEM (CONTINUED)**



**CENTRAL DOOR LOCKING SYSTEM (CONTINUED)**

7

8

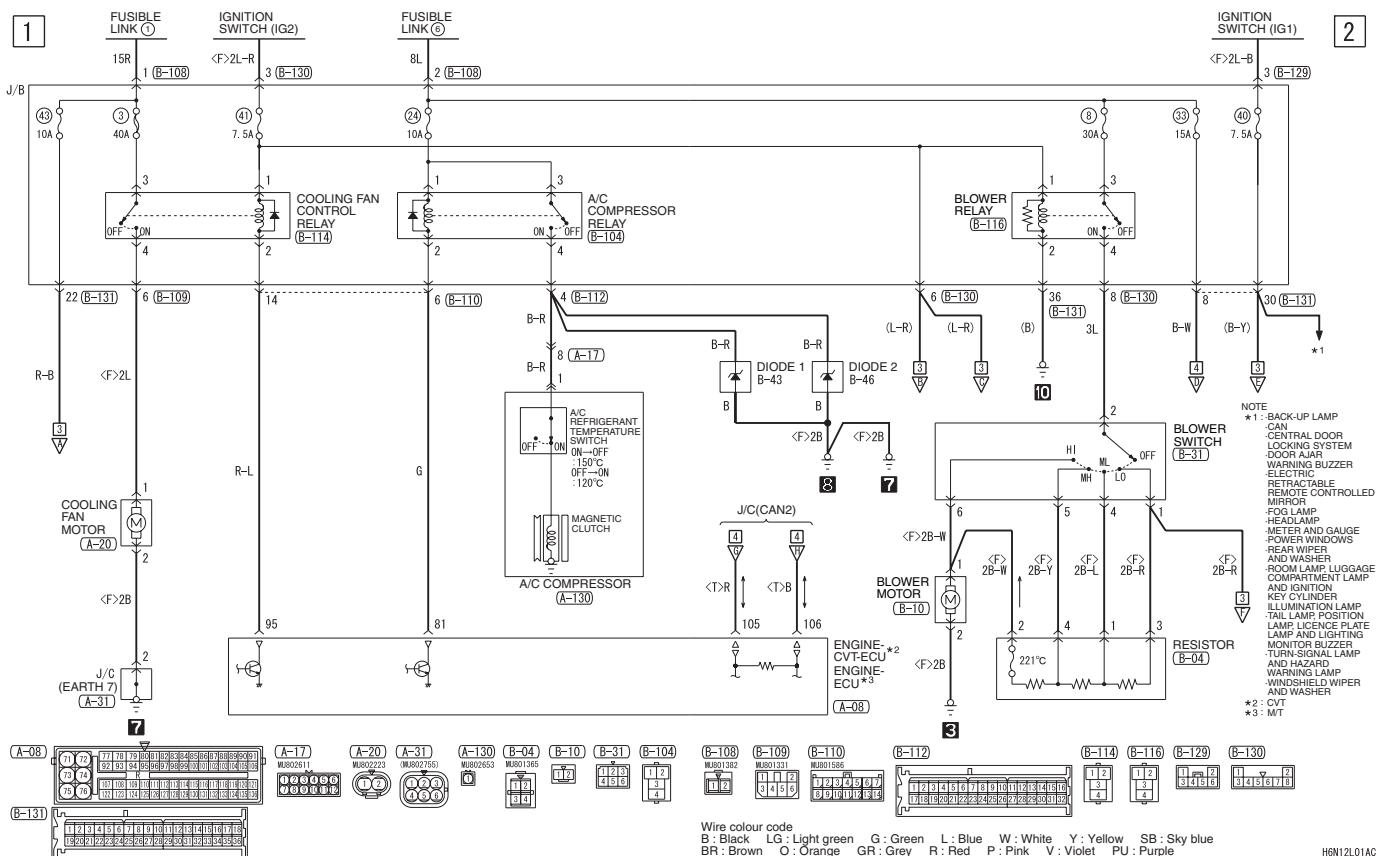


Wire colour code  
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 BR : Brown   O : Orange   GR : Grey   R : Red   P : Pink   V : Violet   PU : Purple

H6N11L03DC

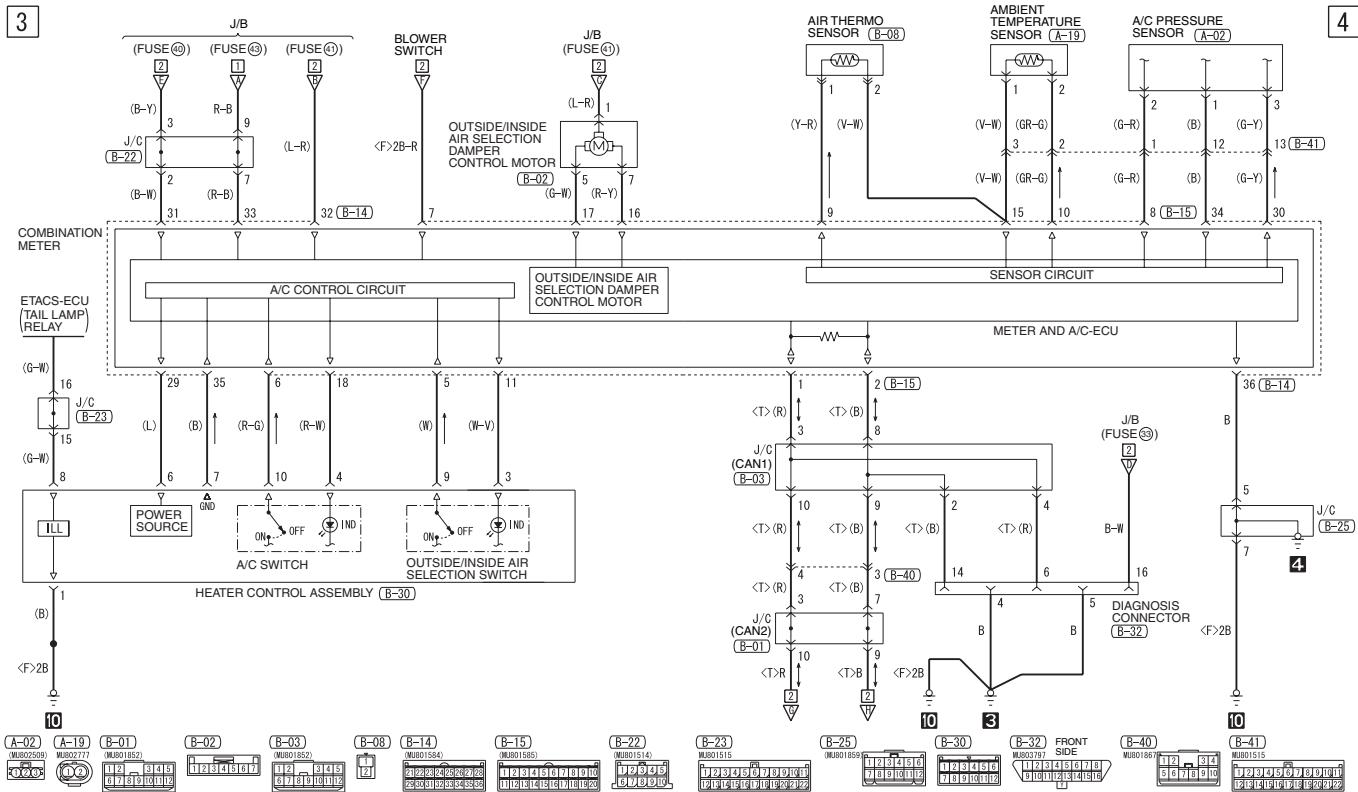
# MANUAL AIR CONDITIONER

M1901005502480



HGN12L01AC

## **MANUAL AIR CONDITIONER (CONTINUED)**

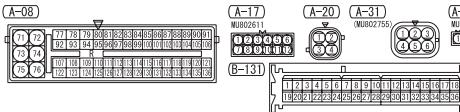
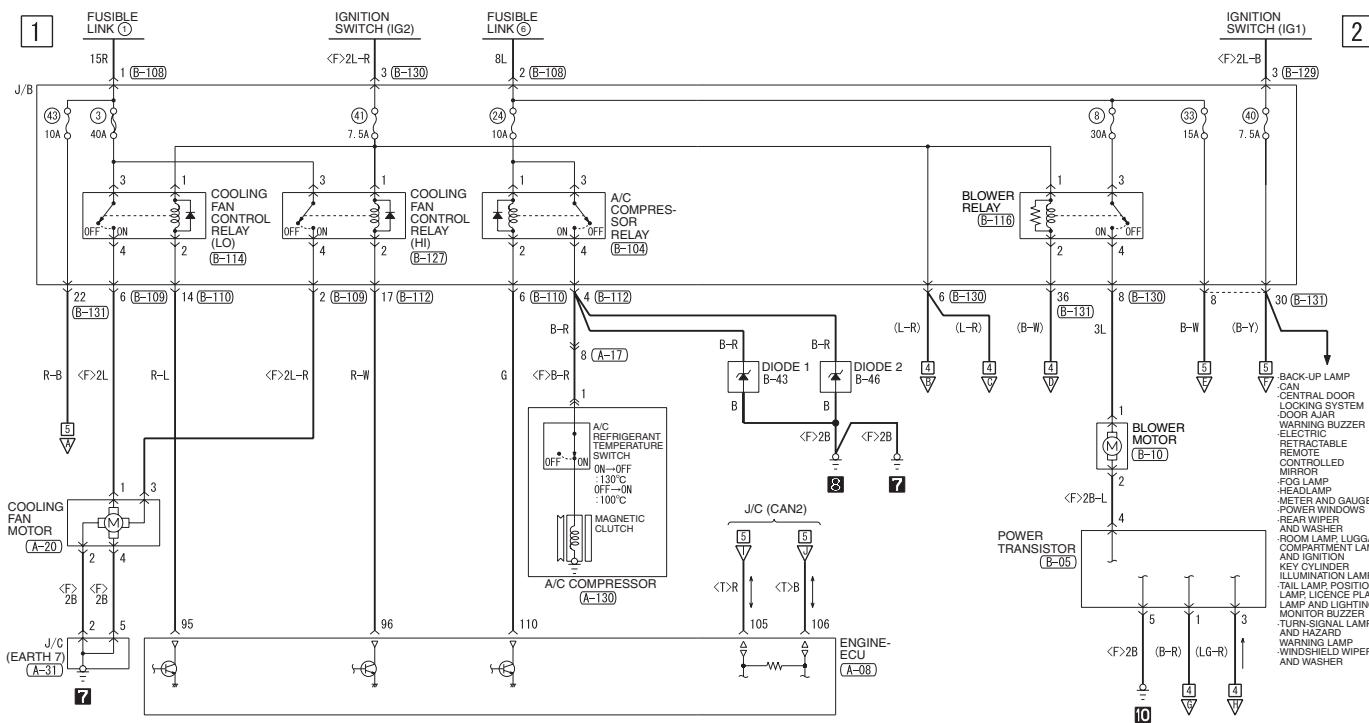


Wire colour code  
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue  
BR : Brown O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple

H6N12L01BC

# AUTOMATIC AIR CONDITIONER

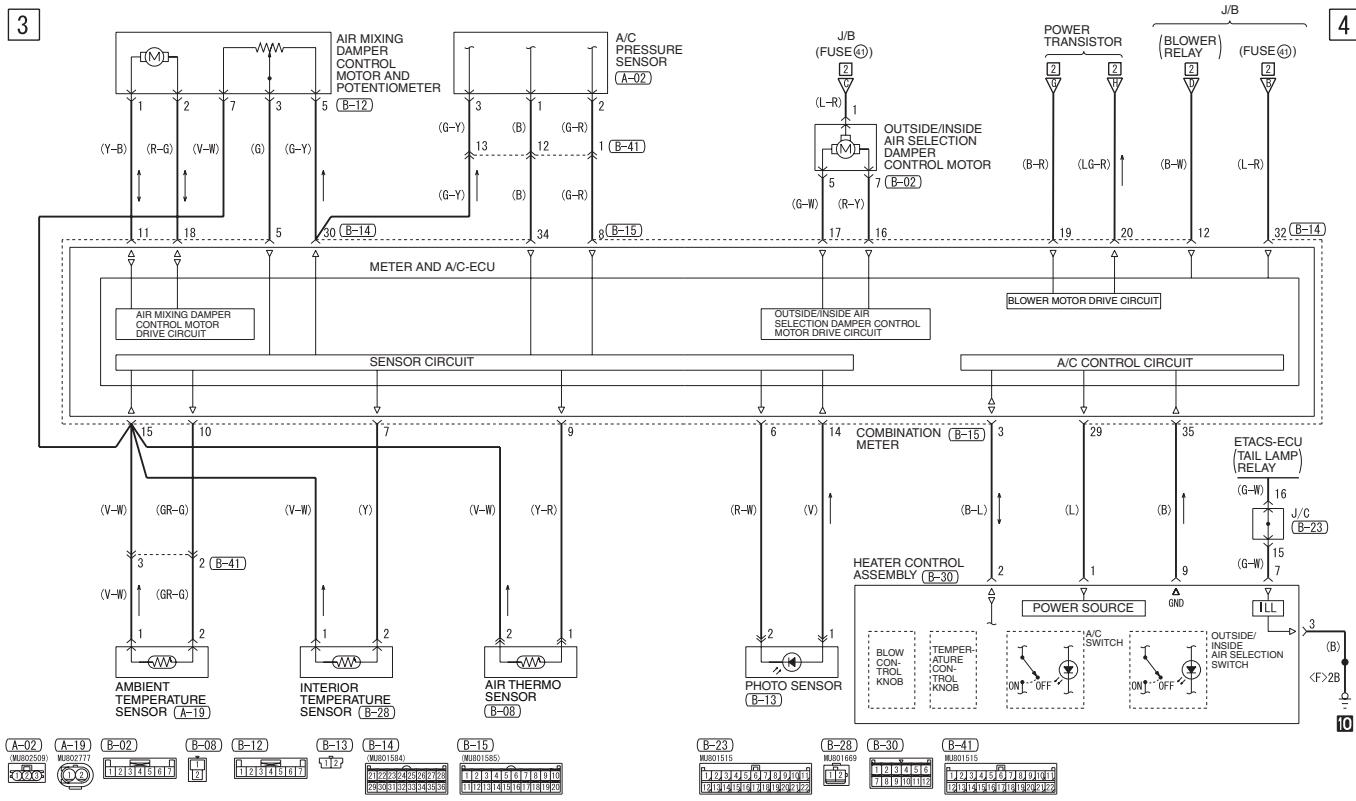
M1901005601310



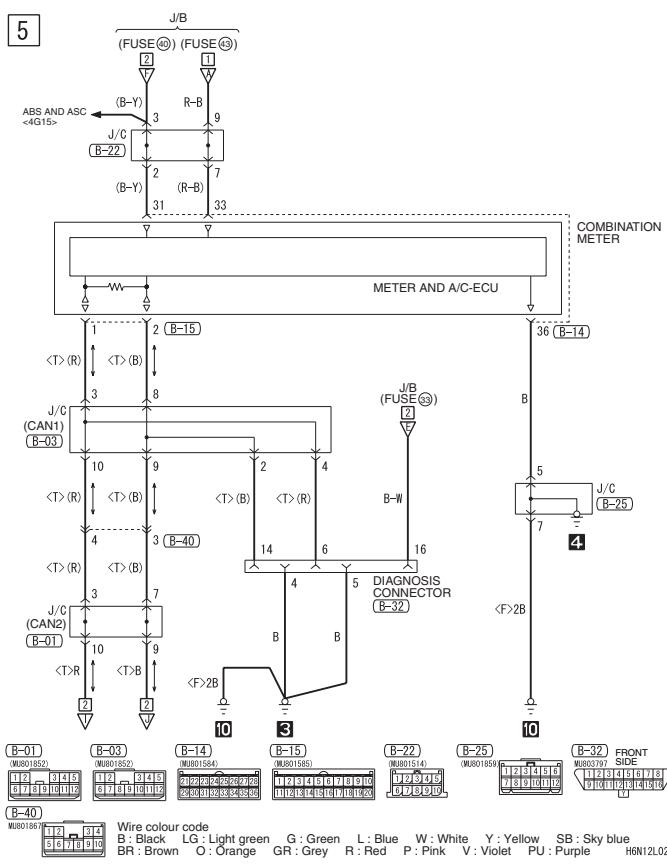
Wire colour code  
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue  
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H6N12L02AC

### AUTOMATIC AIR CONDITIONER (CONTINUED)

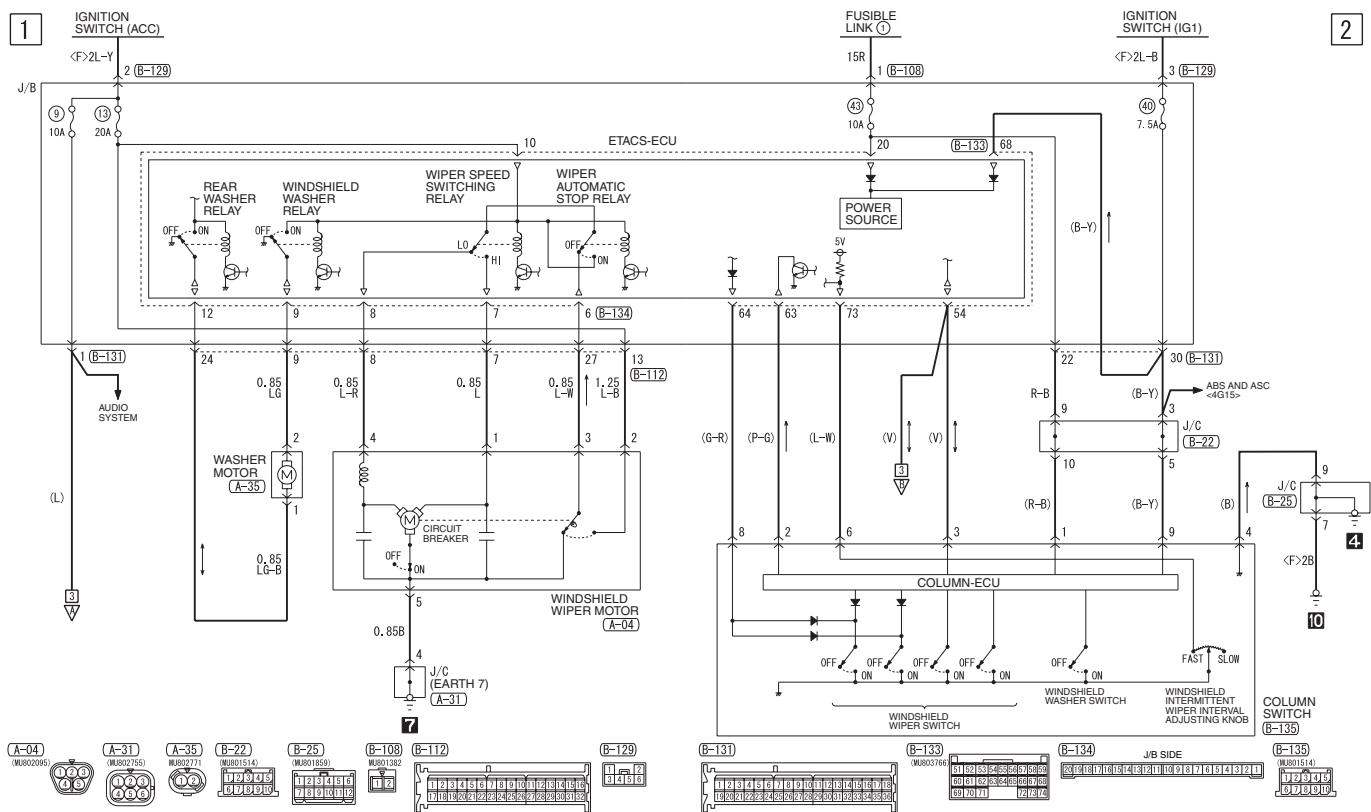


### AUTOMATIC AIR CONDITIONER (CONTINUED)



# WINDSHIELD WIPER AND WASHER

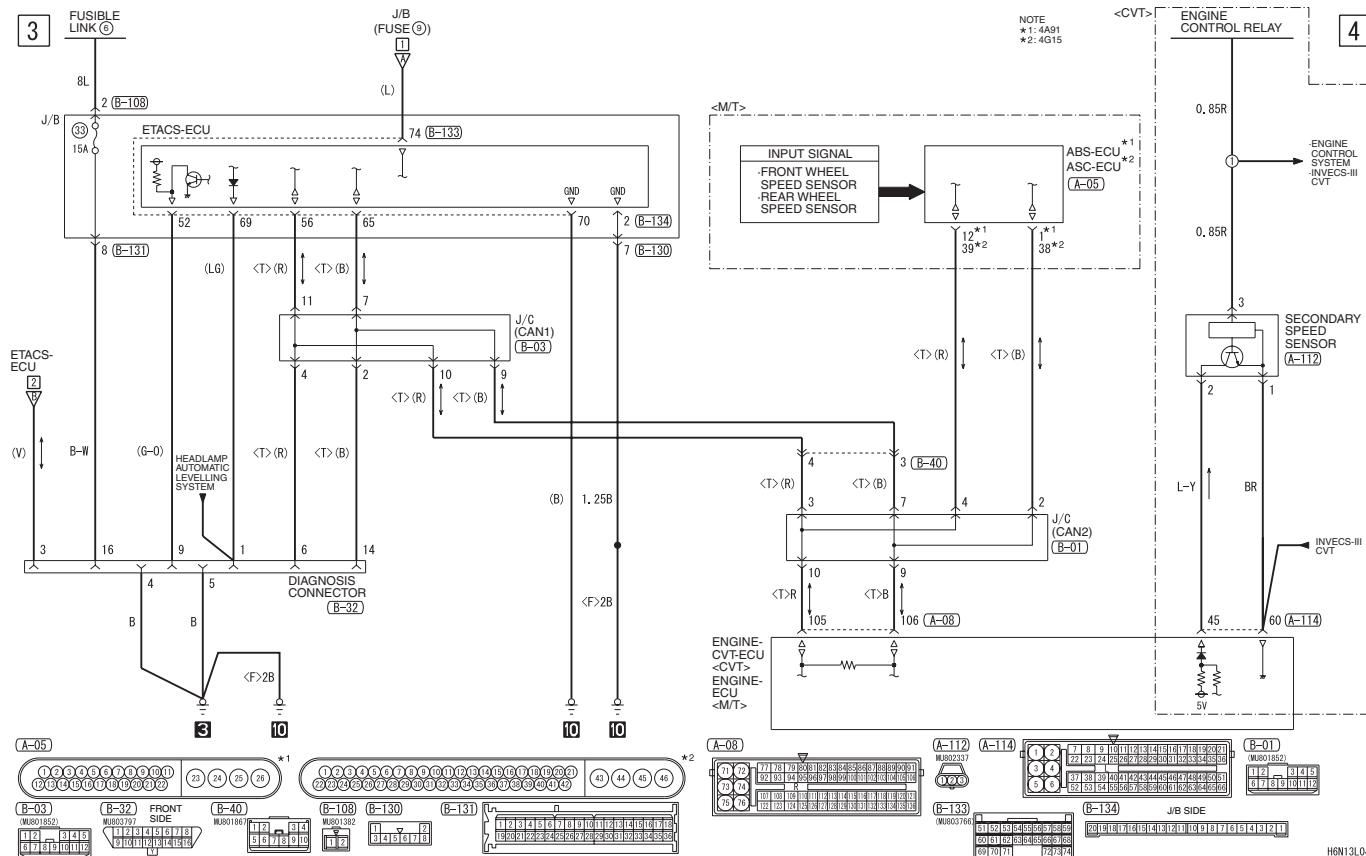
M1901006102690



Wire colour code  
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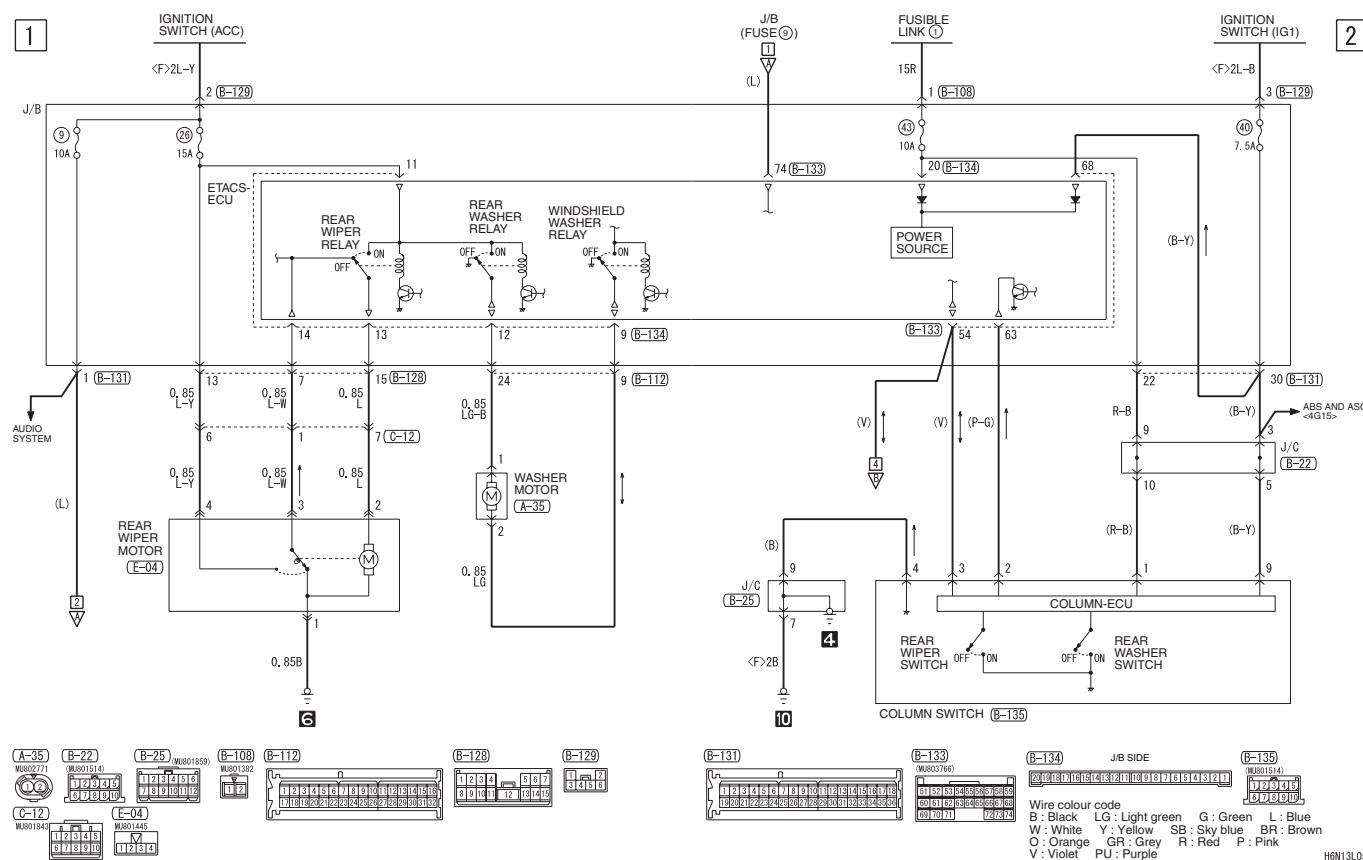
H6N13L04AC

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

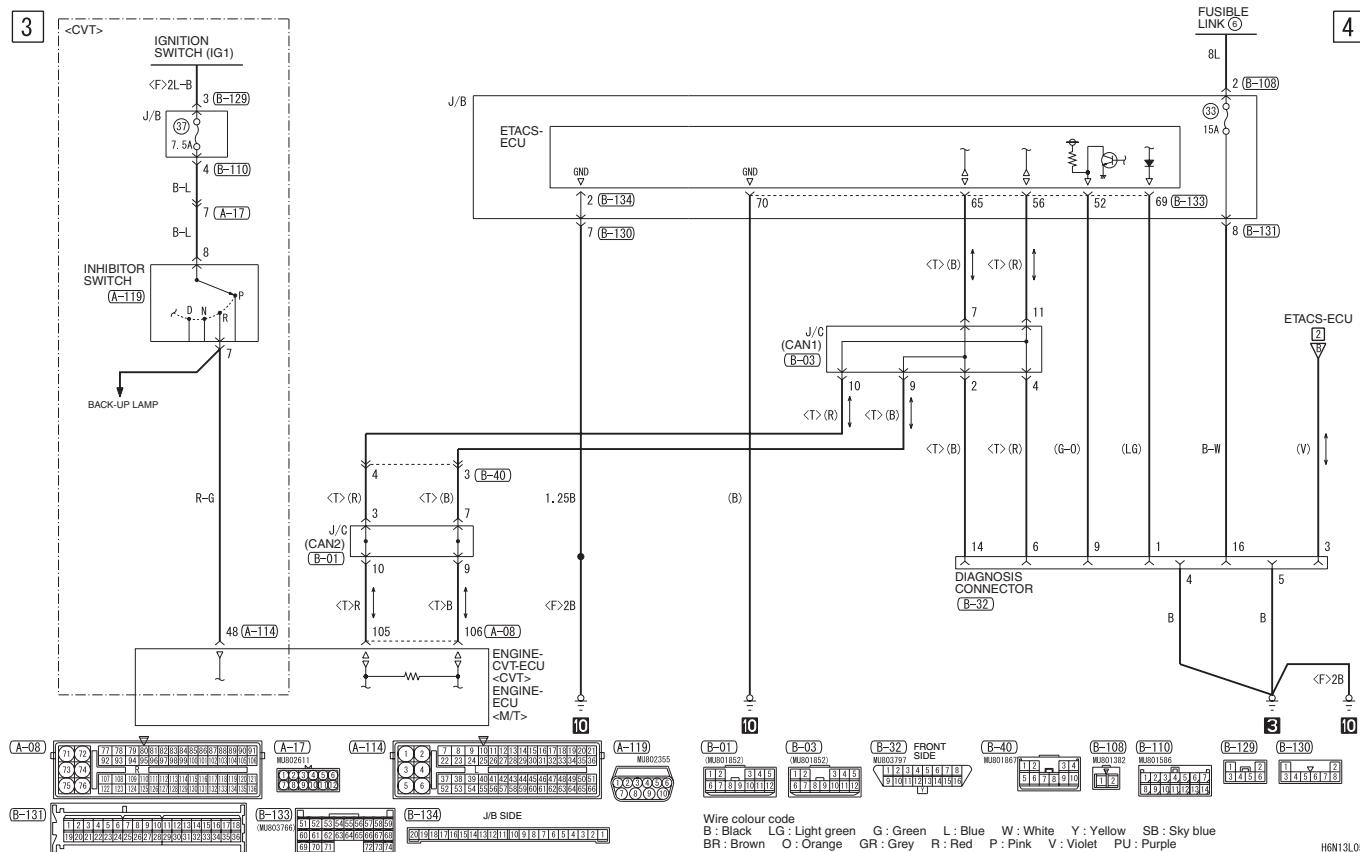


# REAR WIPER AND WASHER

M1901006201973



## REAR WIPER AND WASHER (CONTINUED)

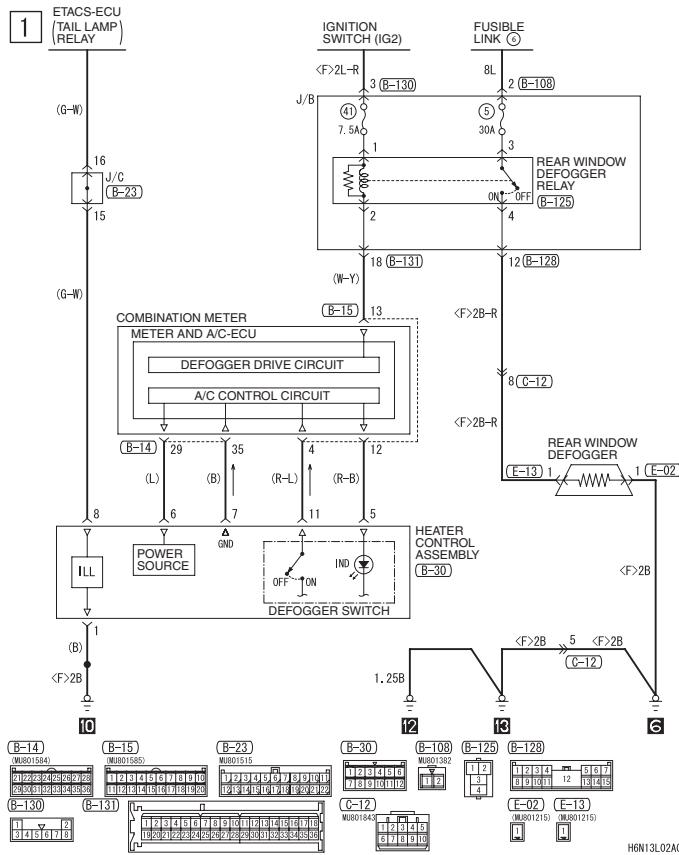


H6N13L05BC

# **REAR WINDOW DEFOGGER**

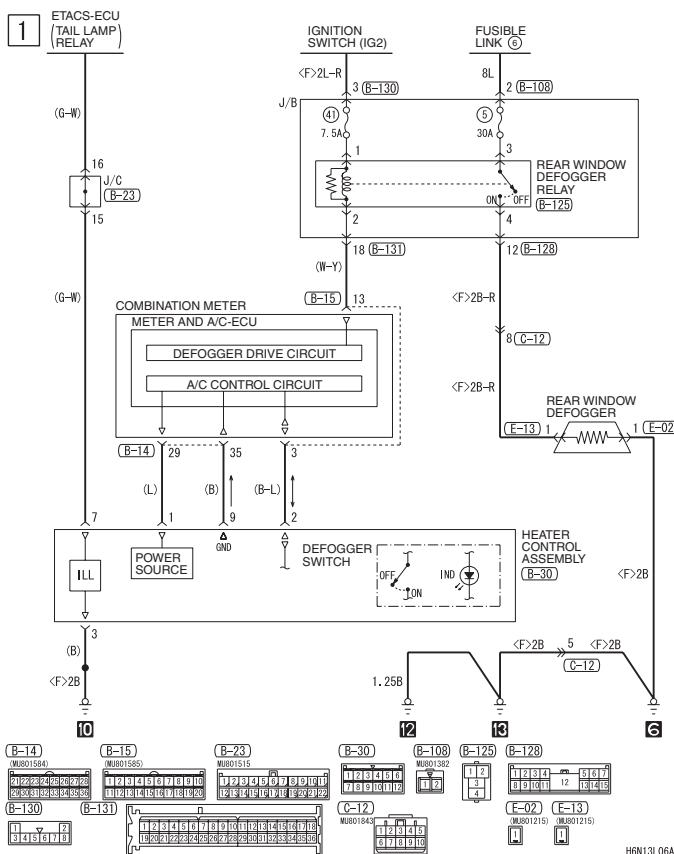
# **REAR WINDOW DEFOGGER <VEHICLES WITH MANUAL AIR CONDITIONER>**

M1901006401513



REAR WINDOW DEFOGGER <VEHICLES  
WITH AUTOMATIC AIR CONDITIONER>

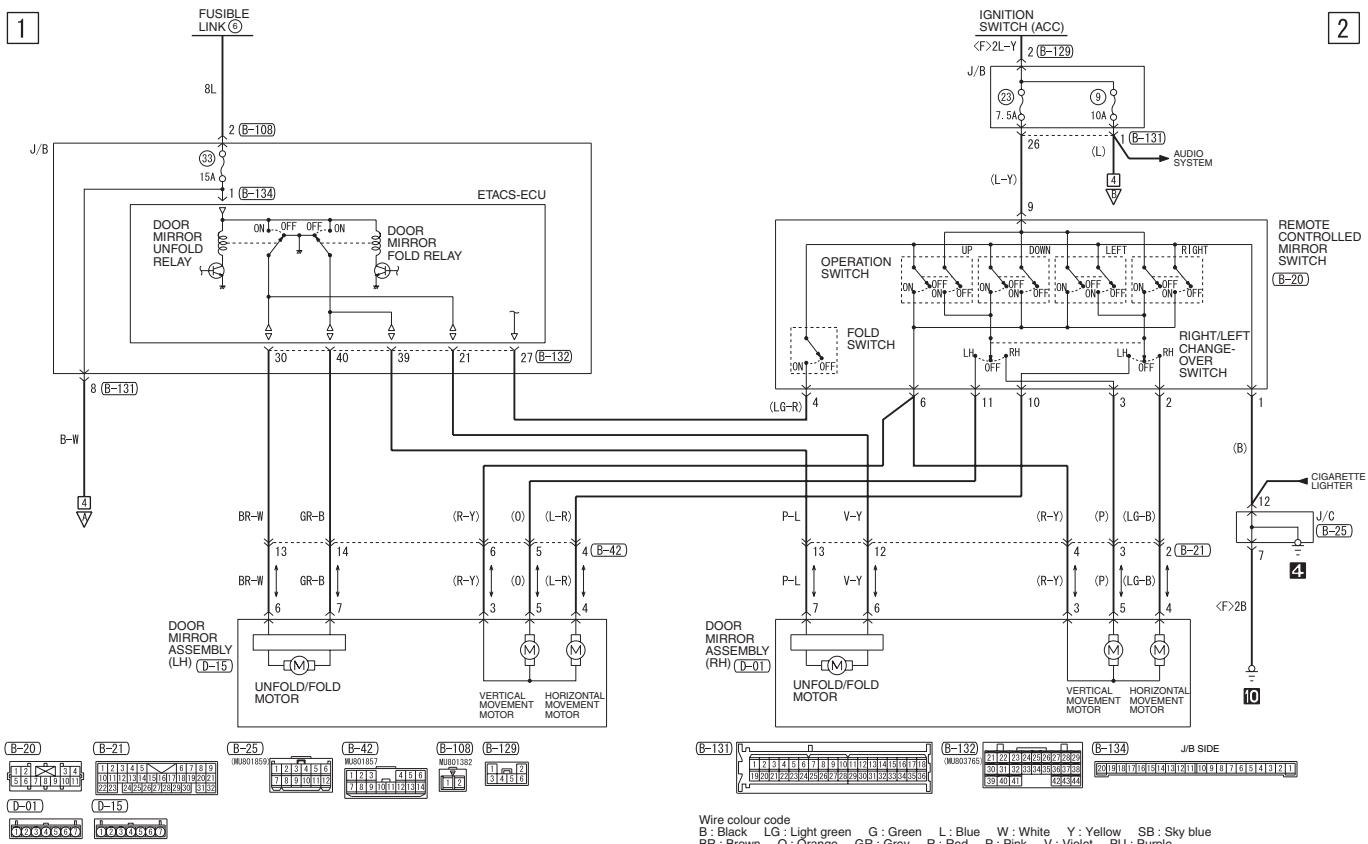
M1901006401535



H6N13L06AC

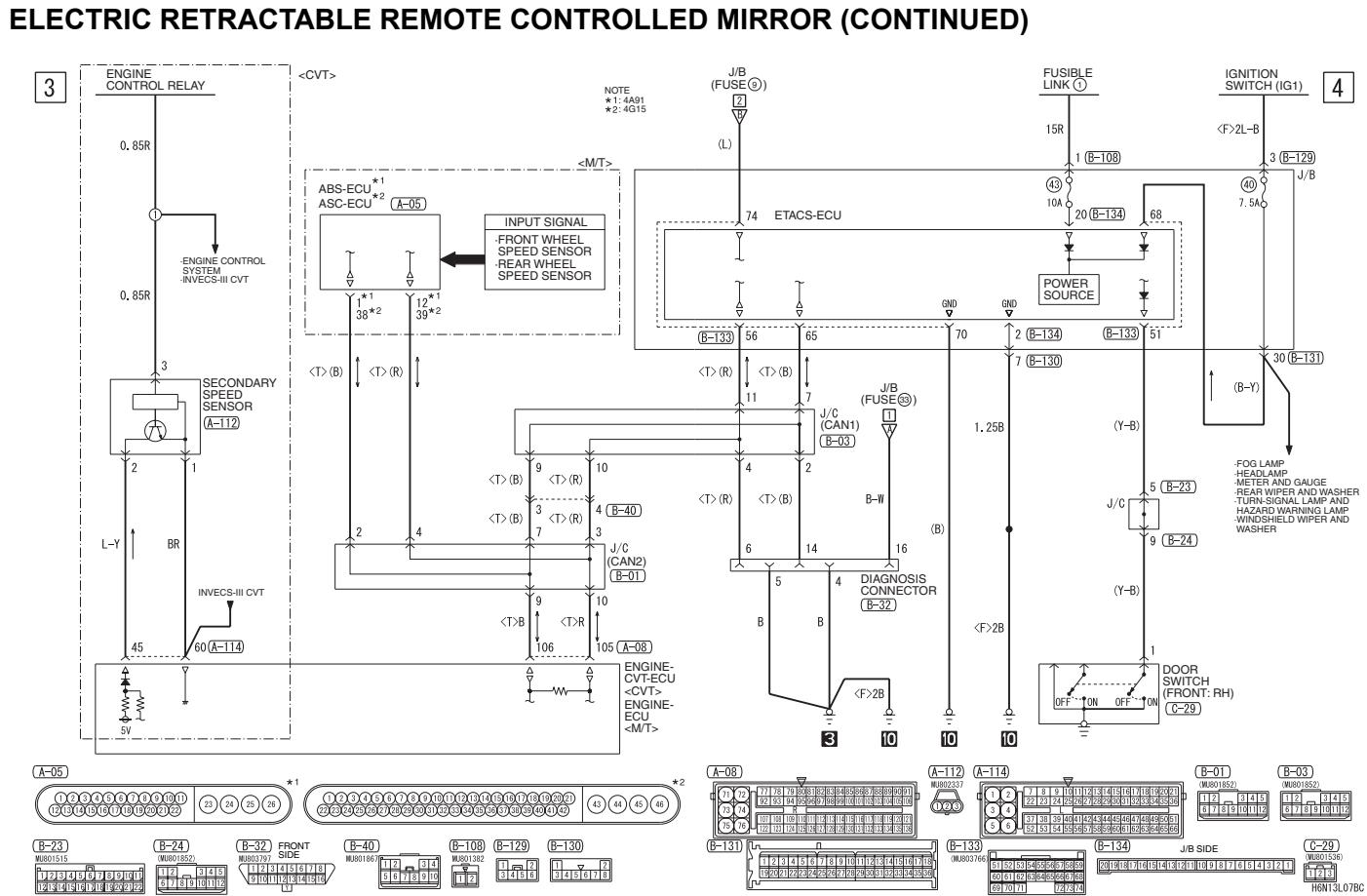
# ELECTRIC RETRACTABLE REMOTE CONTROLLED MIRROR

M1901006600343



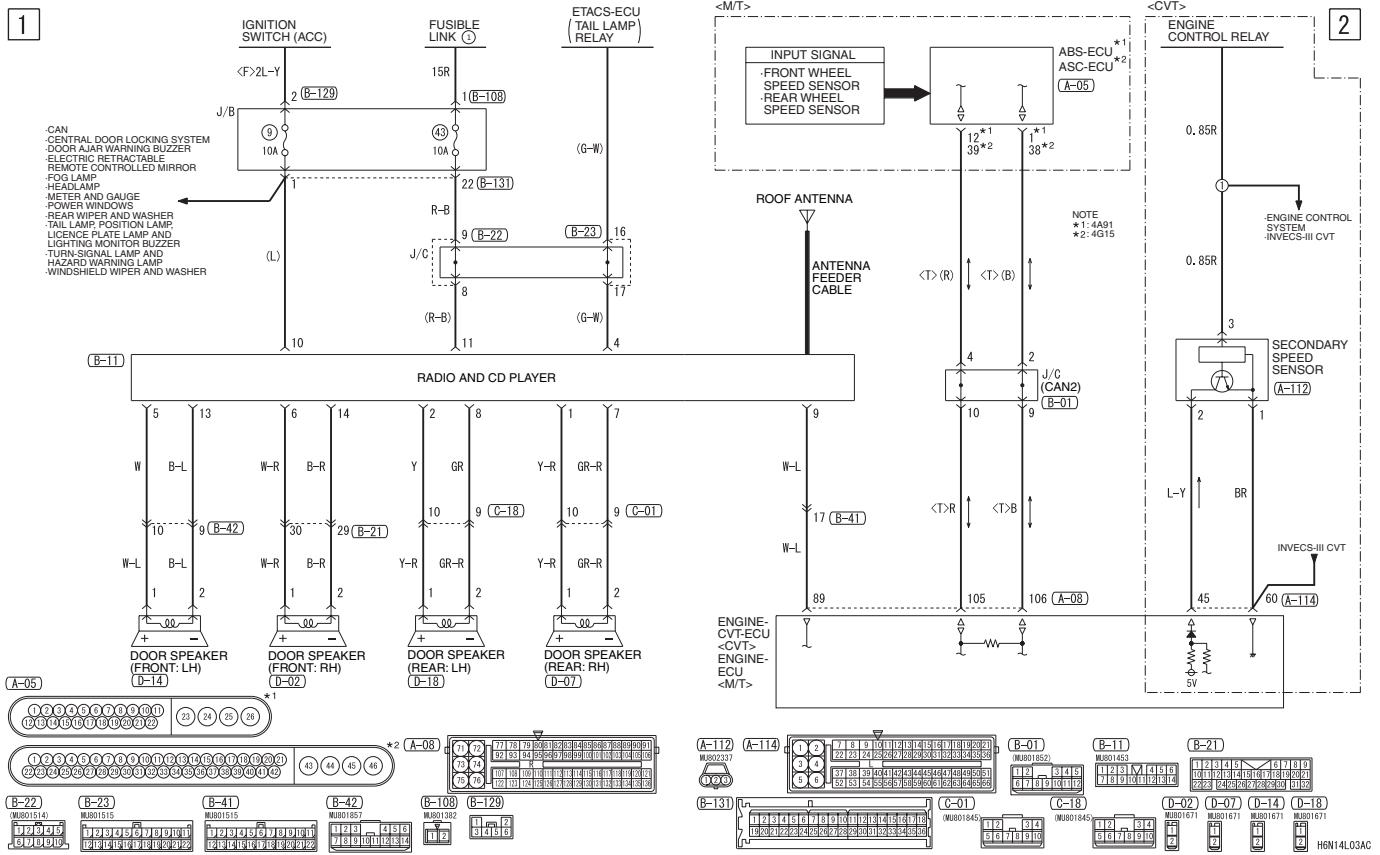
Wire colour code  
B : Black    LG : Light green    G : Green    L : Blue    W : White    Y : Yellow    SB : Sky blue  
BR : Brown    O : Orange    GR : Grey    R : Red    P : Pink    V : Violet    PU : Purple

HON13L07AC



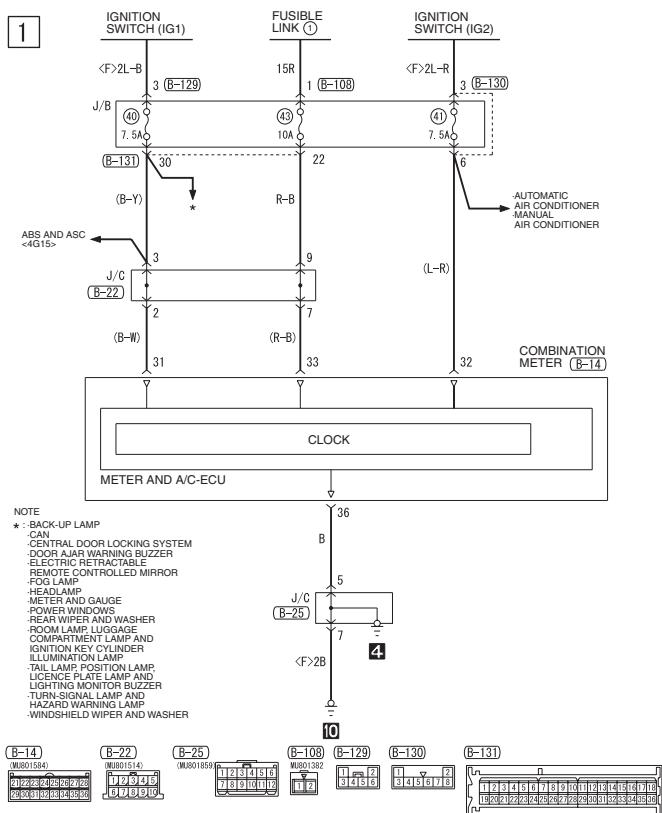
# AUDIO SYSTEM

M1901015602659



## CLOCK

M1901007701539



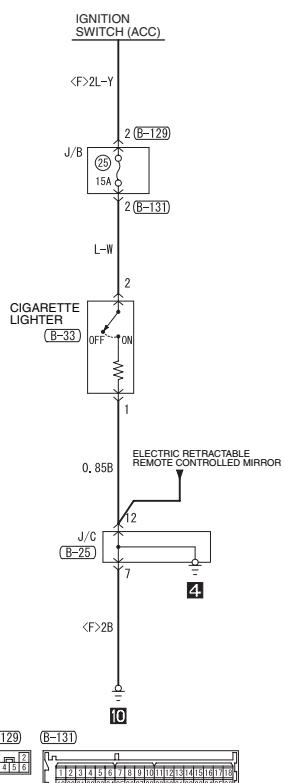
Wire colour code  
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue  
BR : Brown O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple

H6N14I 04AG

# CIGARETTE LIGHTER

M1901007801280

1

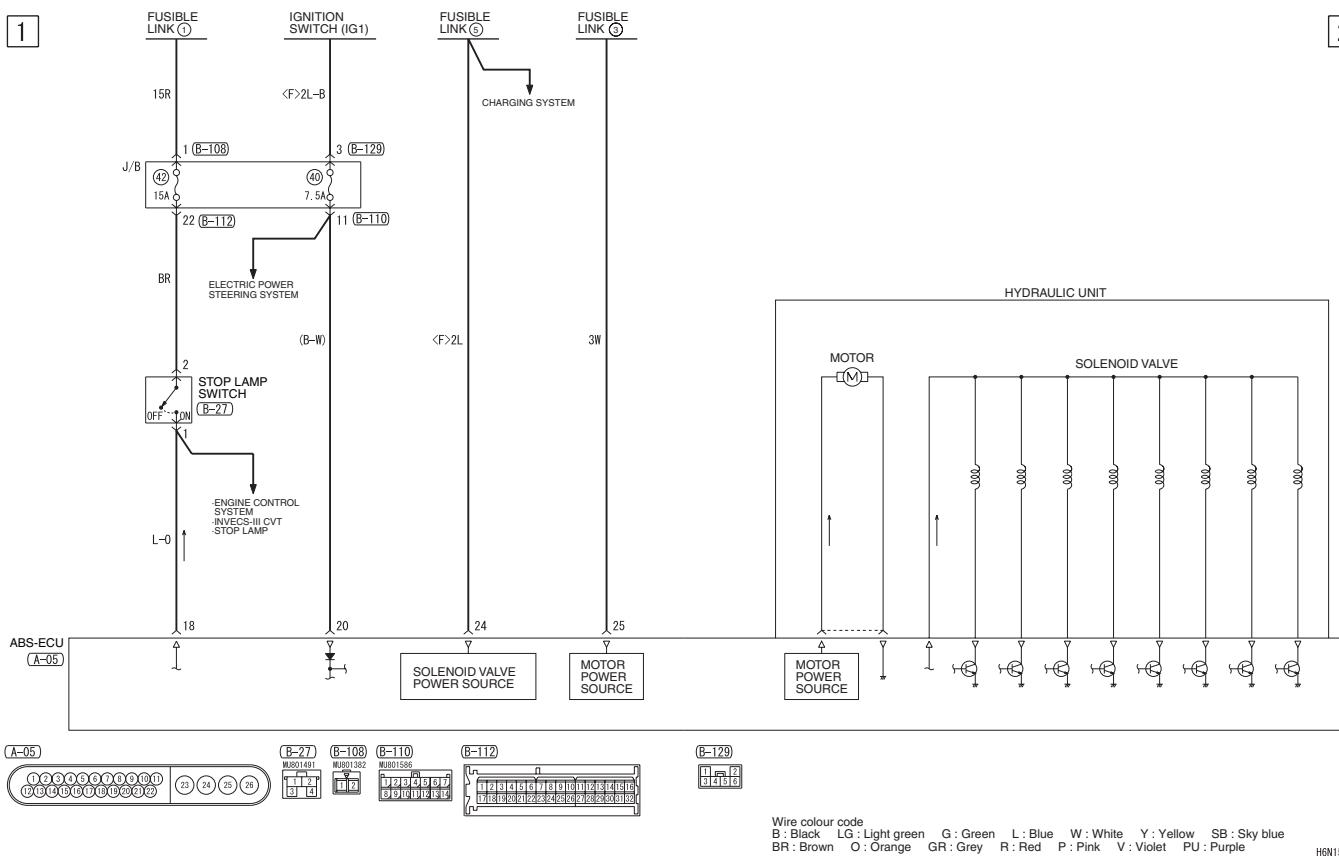


Wire colour code  
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H6N14L02AC

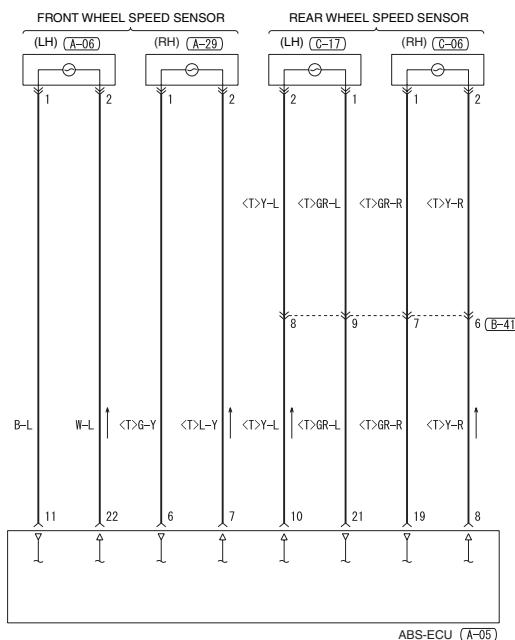
ABS <4A91>

M1901019200602

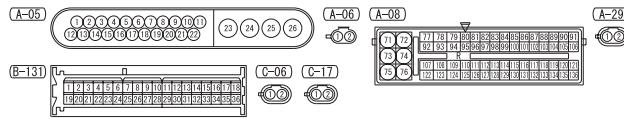
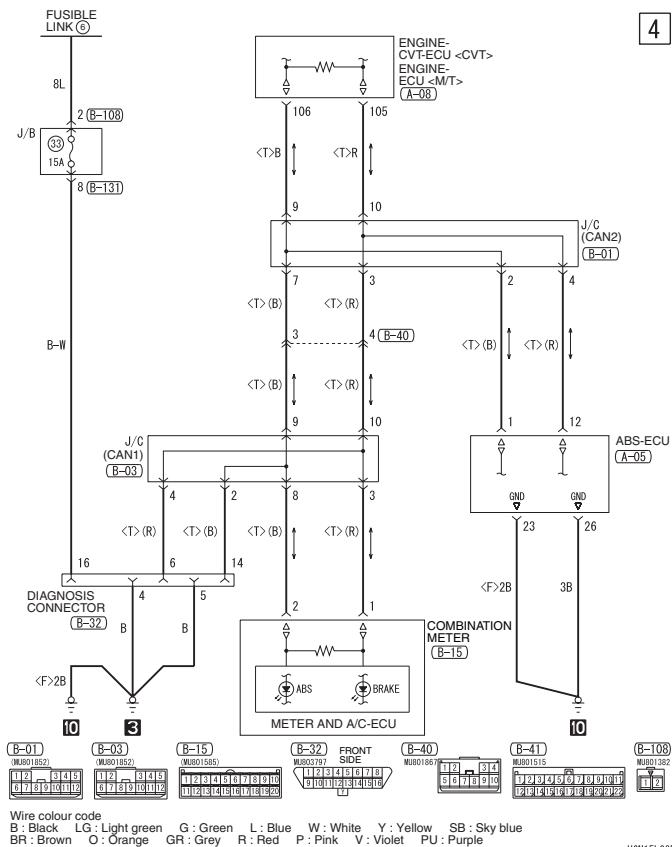


ABS <4A91> (CONTINUED)

3

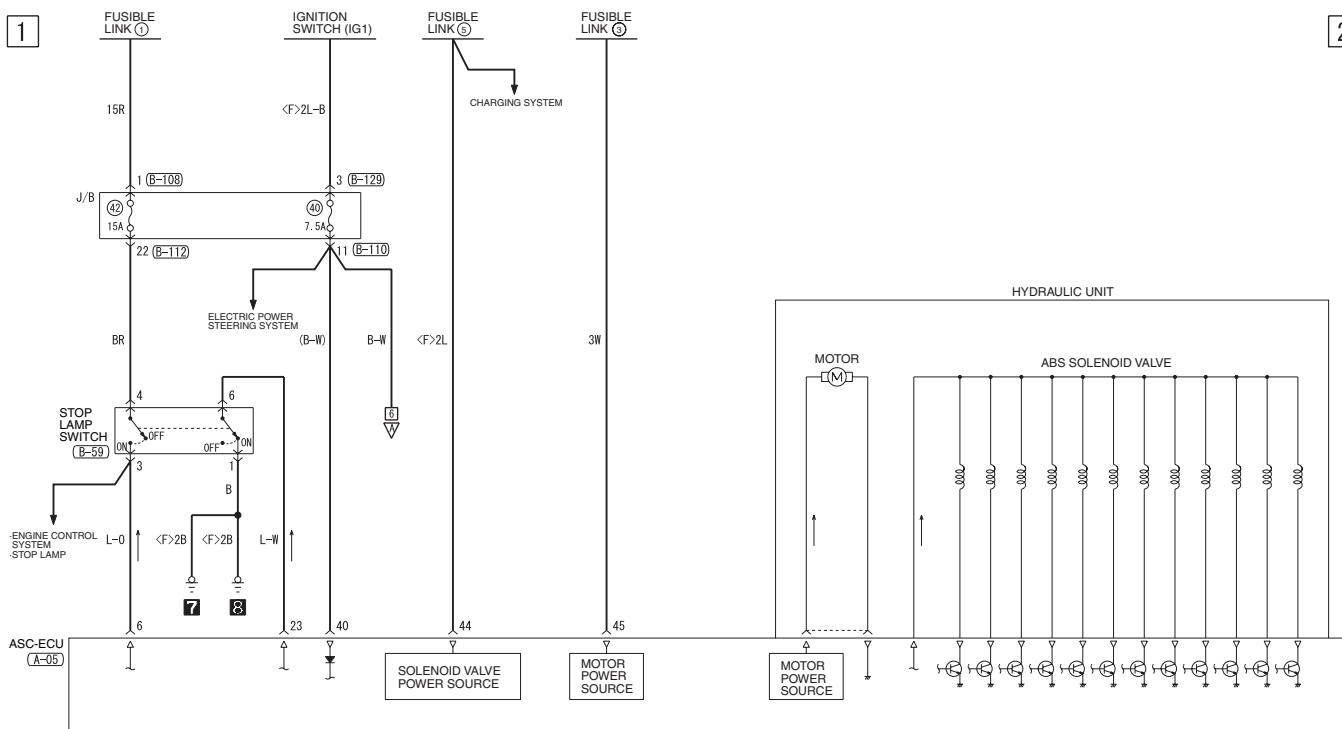


4



## **ABS AND ASC <4G15>**

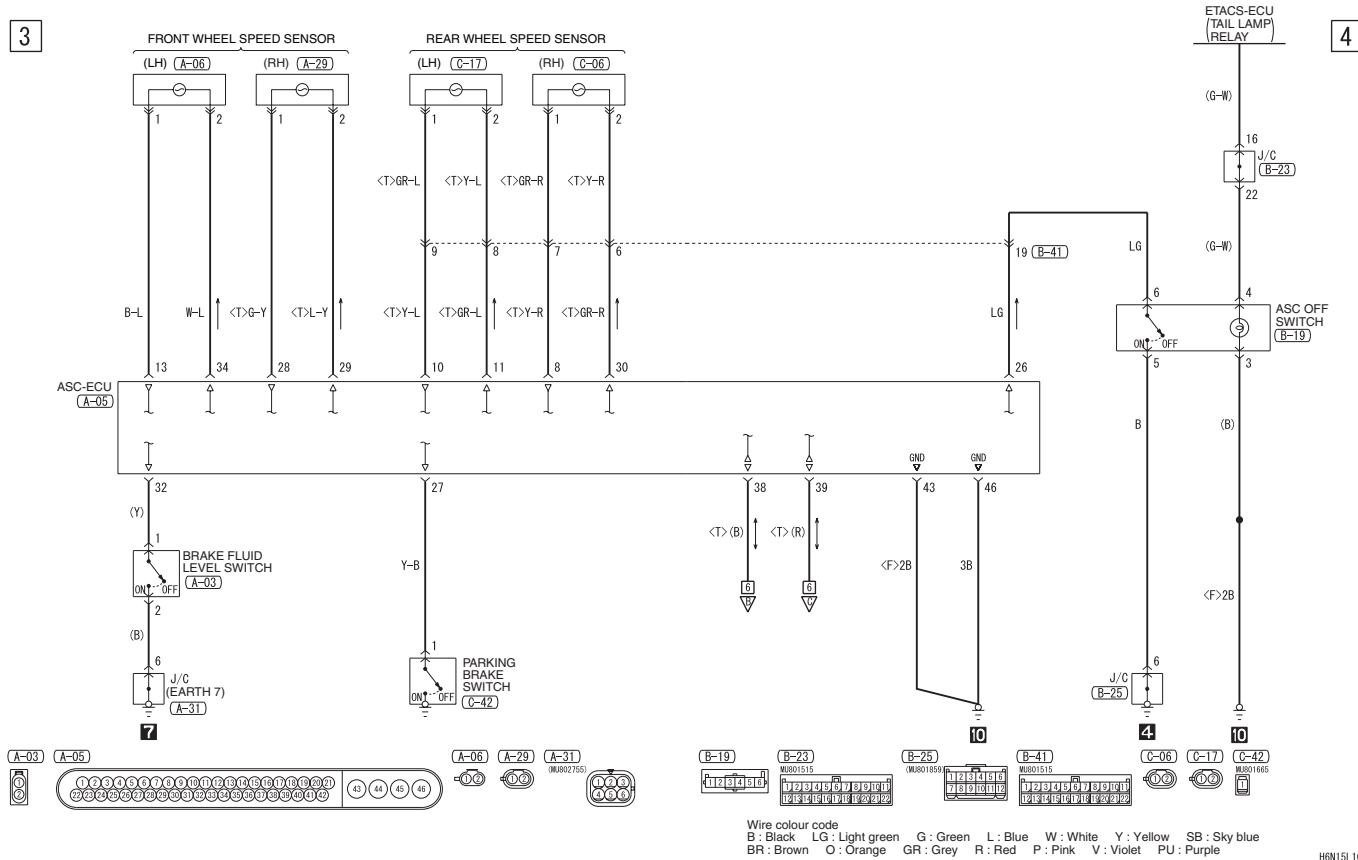
M1901021700295



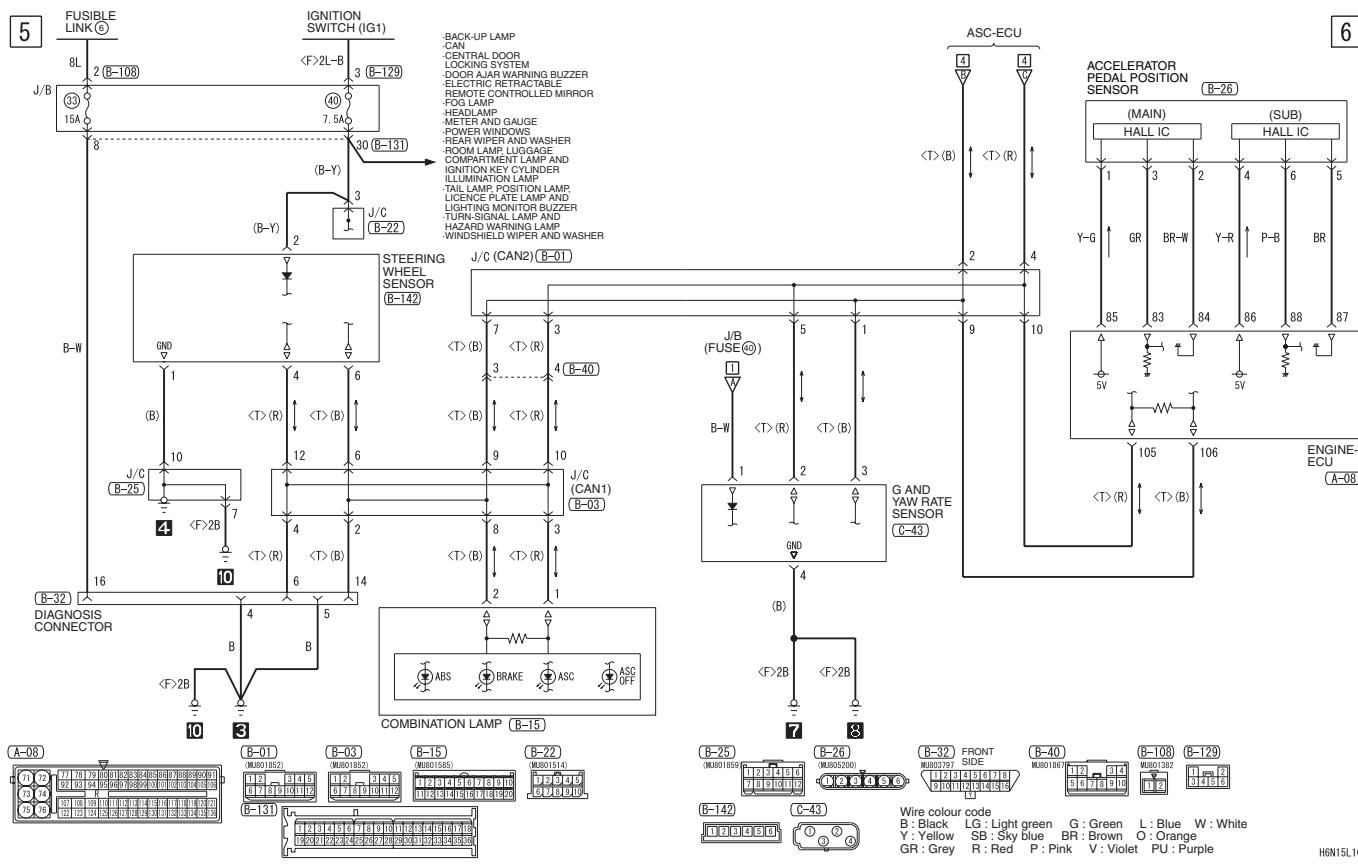
Wire colour code  
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue  
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H6N15L10AC

ABS AND ASC <4G15> (CONTINUED)

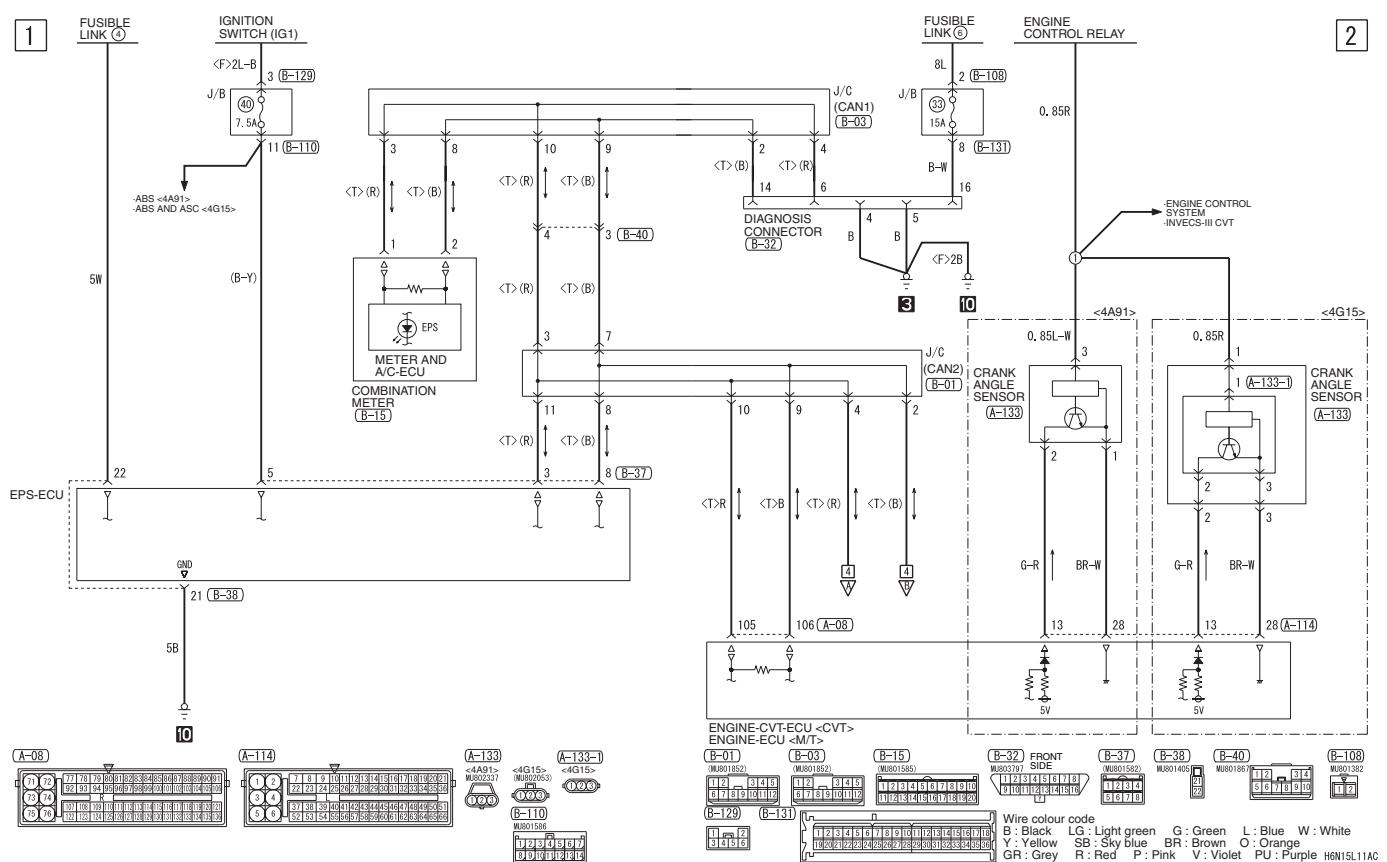


ABS AND ASC <4G15> (CONTINUED)



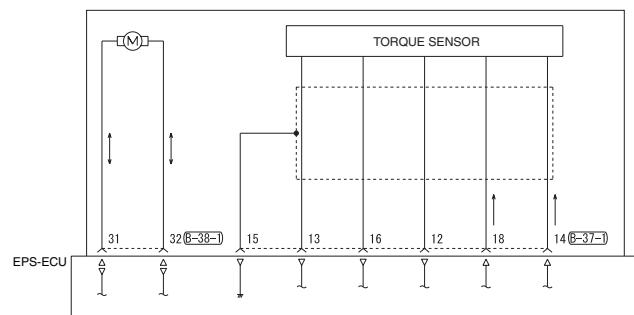
# ELECTRIC POWER STEERING SYSTEM

M1901021800258

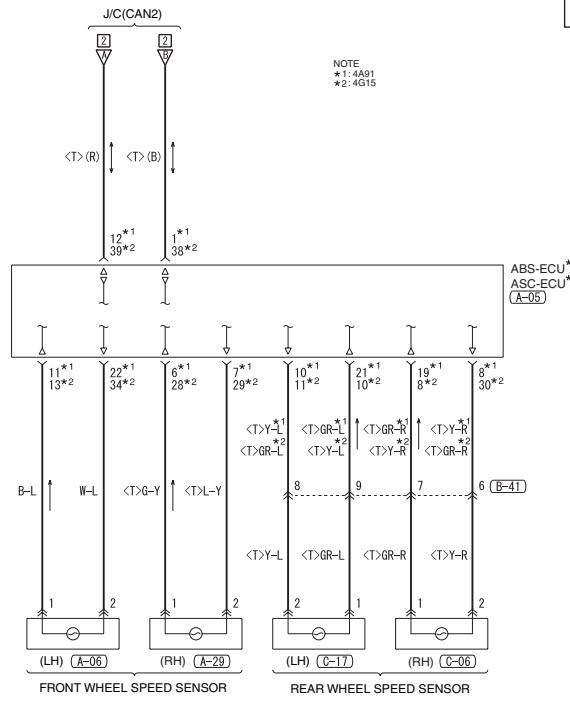


ELECTRIC POWER STEERING SYSTEM (CONTINUED)

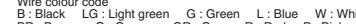
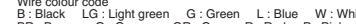
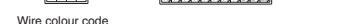
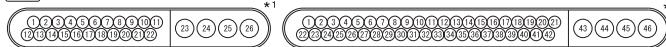
3



4



(A-05)

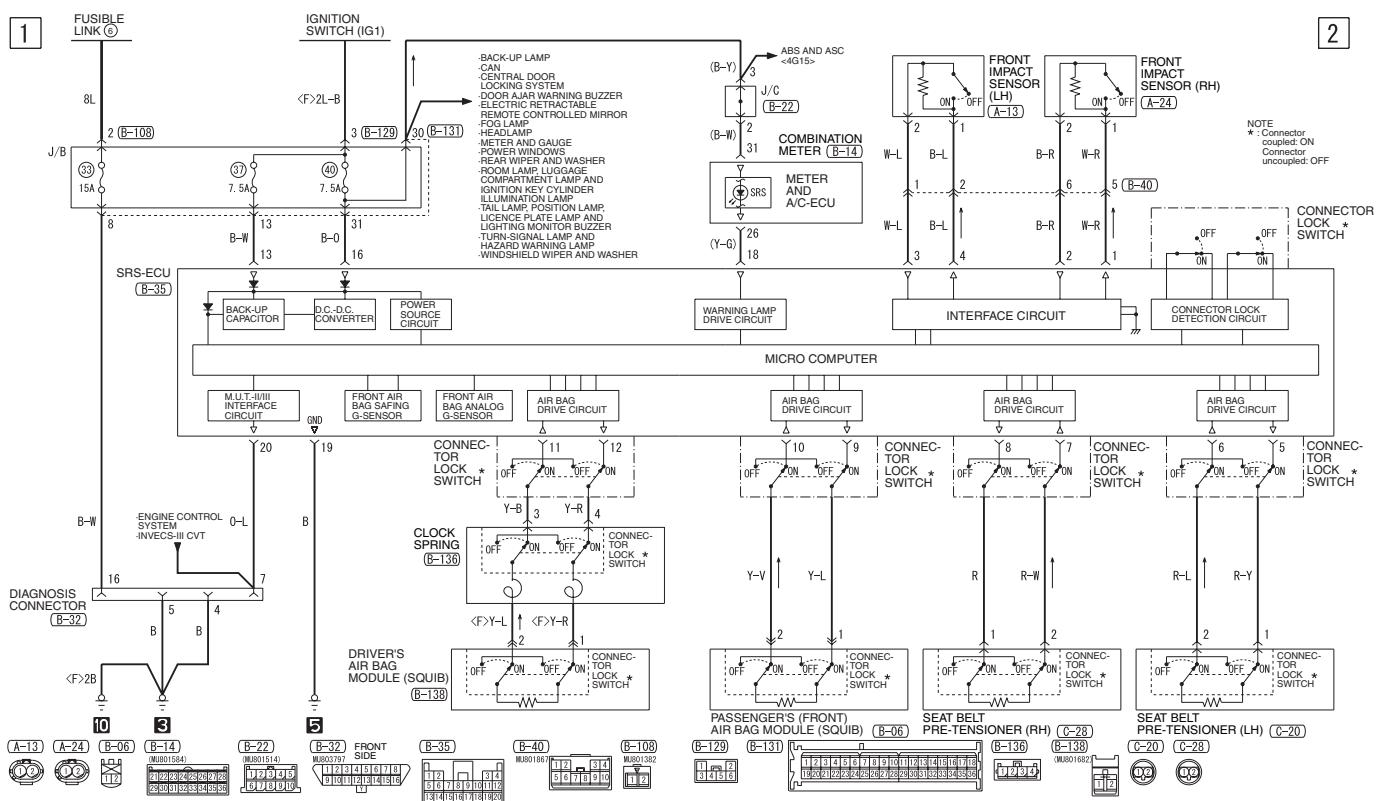


Wire colour code  
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue  
BR : Brown O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple

H6N15L11BC

## SRS

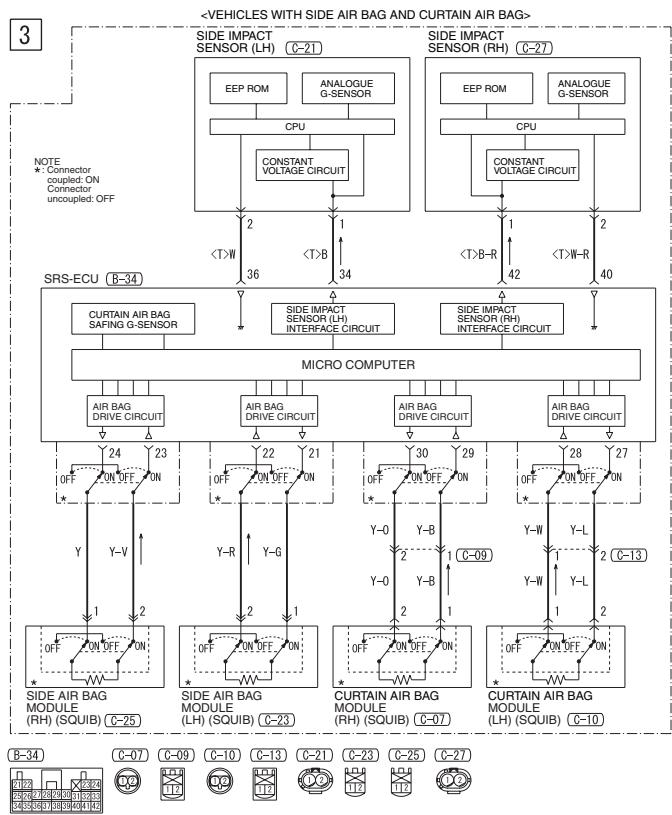
M1901021000489



Wire colour code  
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HON15L12AC

SRS (CONTINUED)

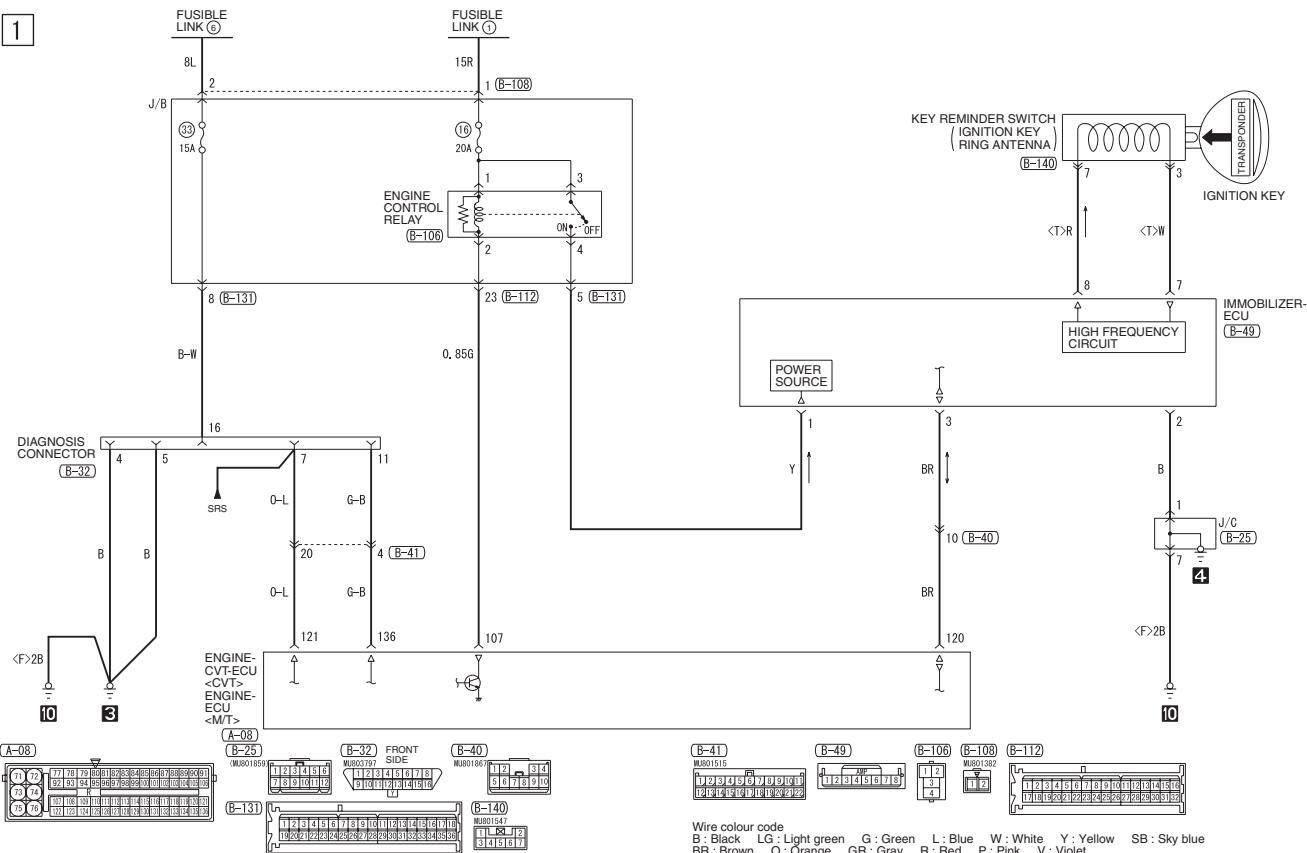


Wire colour code  
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue  
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H6N15L12BC

## IMMOBILISER SYSTEM

M1901013602749

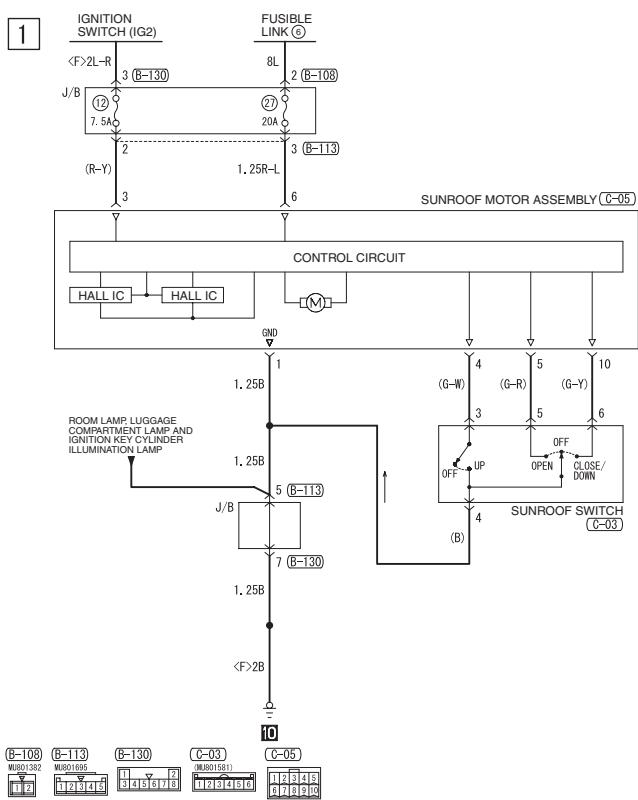


Wire colour code  
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H015L13AC

# SUNROOF

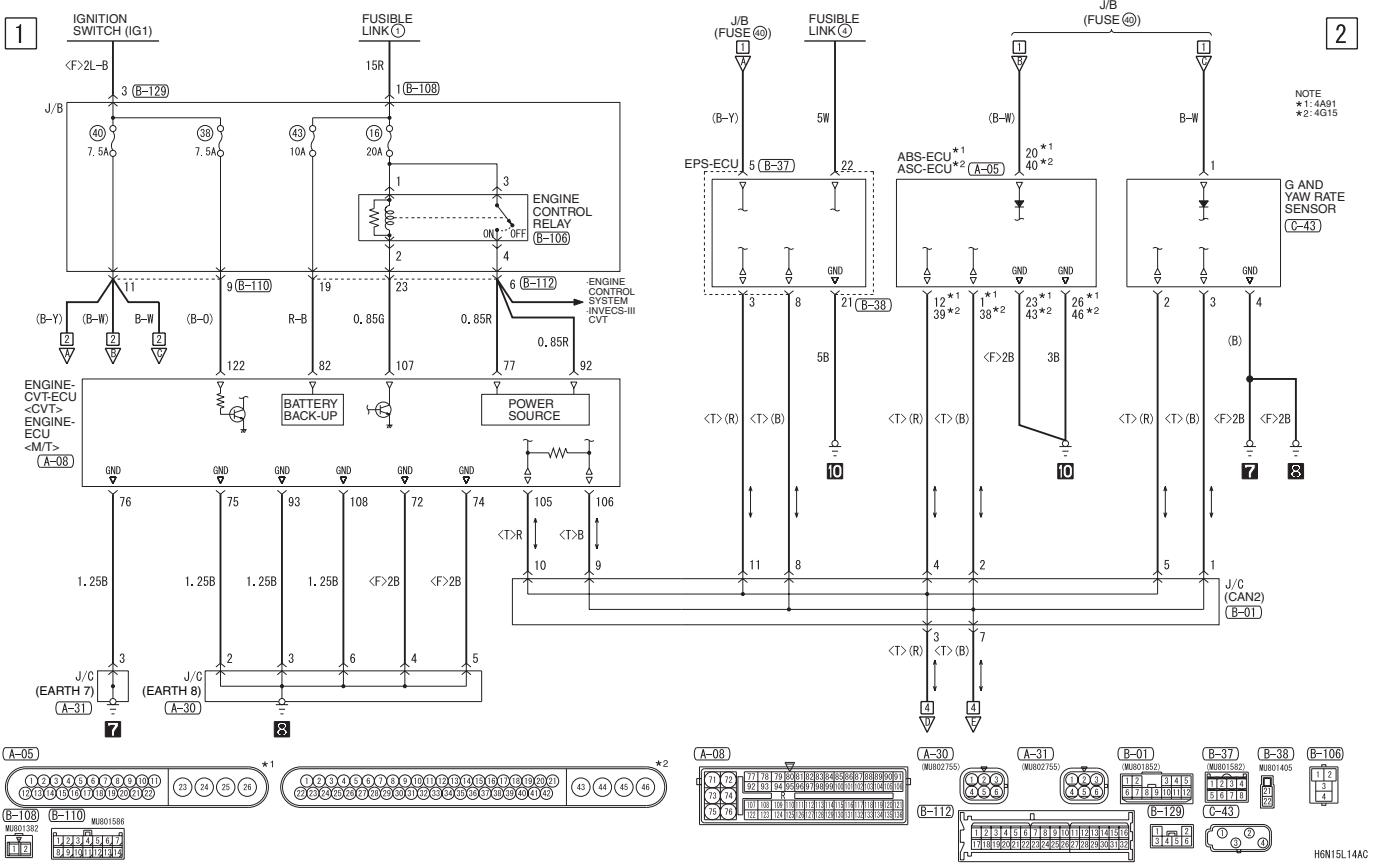
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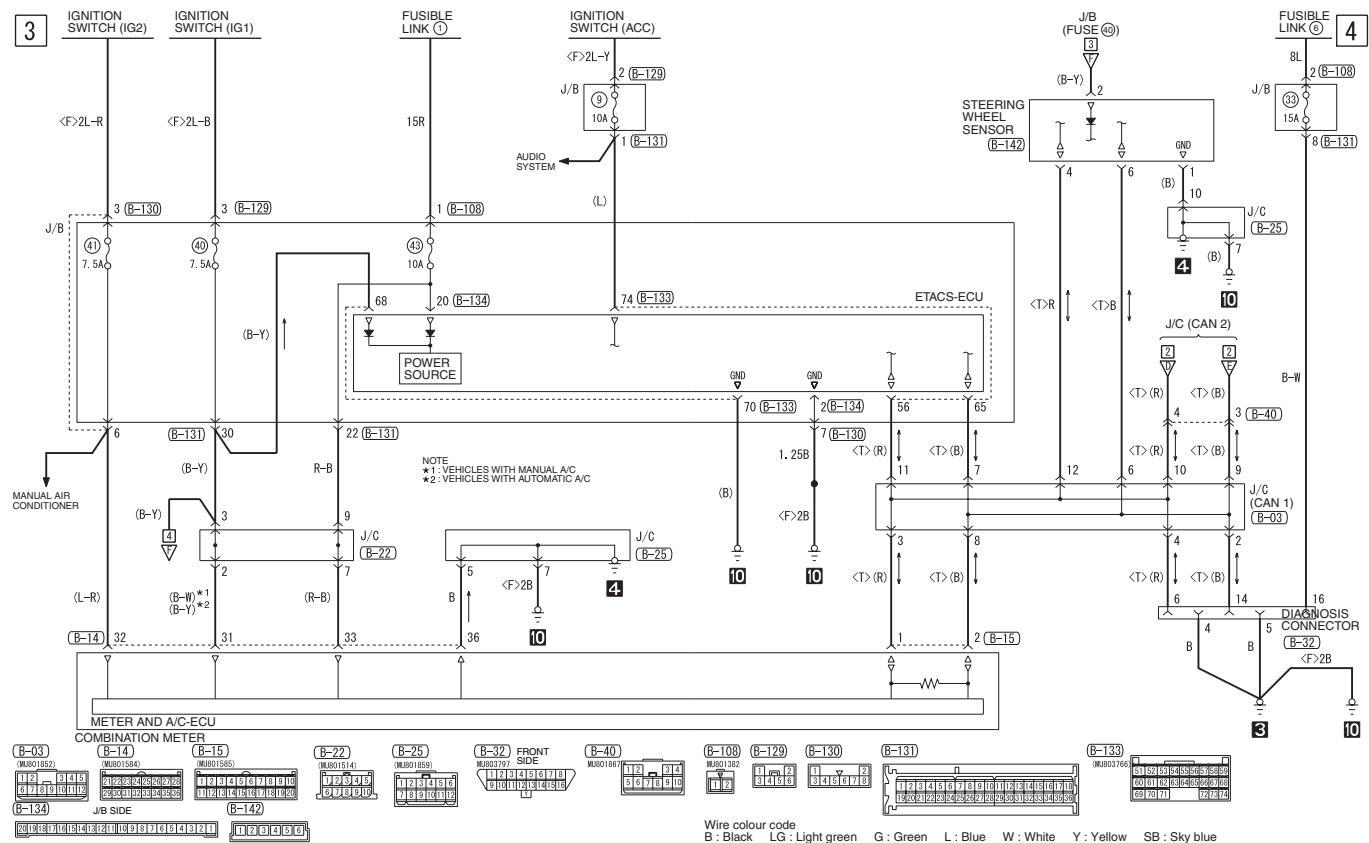
H6N15L04AC

CAN

M1901021100680

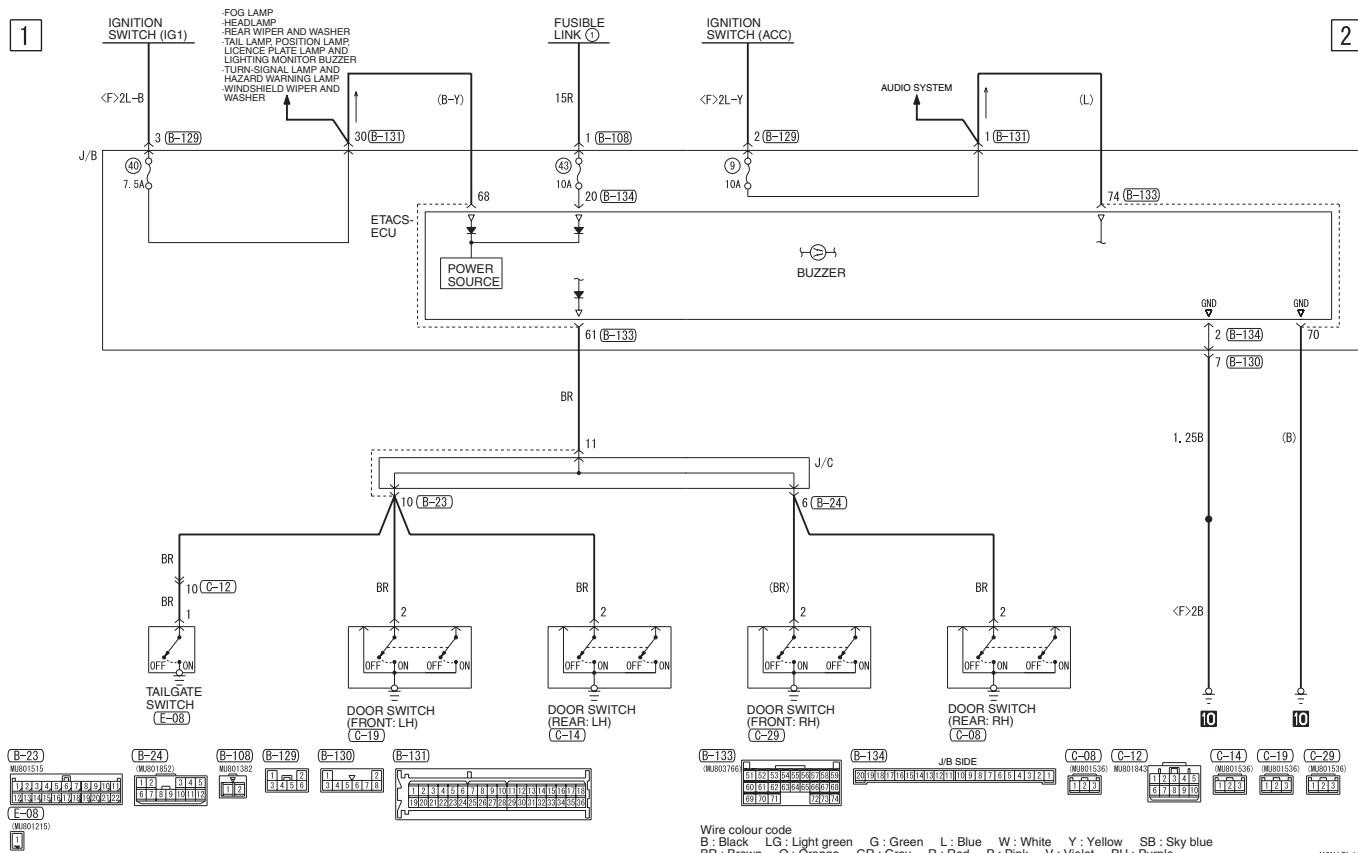


## CAN (CONTINUED)



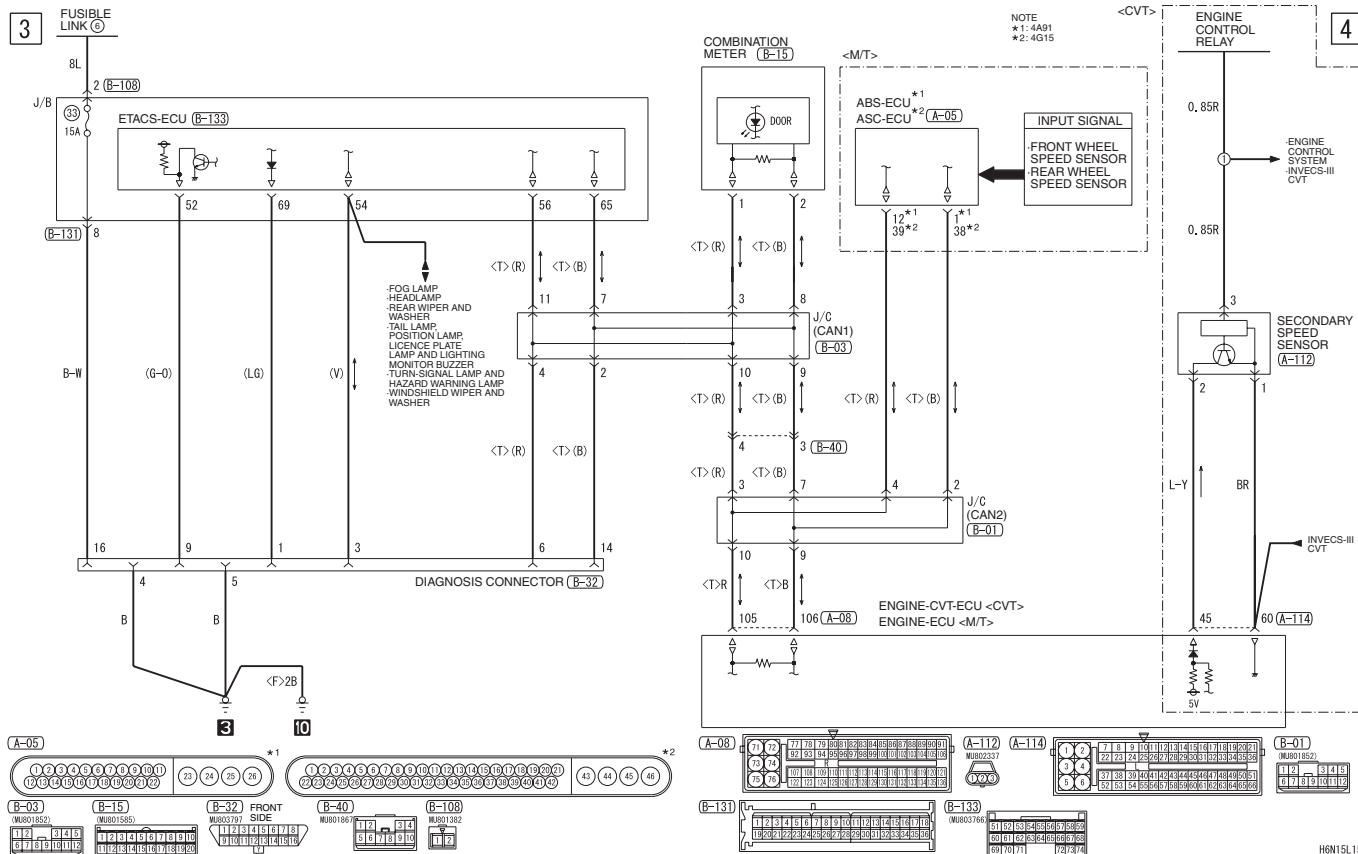
# DOOR AJAR WARNING BUZZER

M1901016600968



H6N15L15AC

DOOR AJAR WARNING BUZZER (CONTINUED)

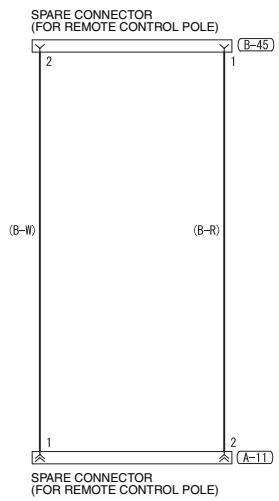


H6N15L15BC

## SPARE CONNECTOR (FOR REMOTE CONTROL POLE)

M1901023000087

1



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

H6N15L08AC