

## **WARNING**

**Servicing a vehicle can be dangerous. If you have not received service-related training, the risks of injury, property damage, and failure of servicing increase. The recommended servicing procedures for the vehicle in this workshop manual were developed with Mazda-trained technicians in mind. This manual may be useful to non-Mazda trained technicians, but a technician with our service-related training and experience will be at less risk when performing service operations. However, all users of this manual are expected at least to know general safety procedures.**

**This manual contains “Warnings” and “Cautions” applicable to risks not normally encountered in a general technician’s experience. They should be followed to reduce the risk of injury and the risk that improper service or repair may damage the vehicle or render it unsafe. It is also important to understand that the “Warnings” and “Cautions” are not exhaustive. It is impossible to warn of all the hazardous consequences that might result from failure to follow the procedures.**

**The procedures recommended and described in this manual are effective methods of performing service and repair. Some require tools specifically designed for a specific purpose. Persons using procedures and tools which are not recommended by Mazda Motor Corporation must satisfy themselves thoroughly that neither personal safety nor safety of the vehicle will be jeopardized.**

**The contents of this manual, including drawings and specifications, are the latest available at the time of printing, and Mazda Motor Corporation reserves the right to change the vehicle designs and alter the contents of this manual without notice and without incurring obligation.**

**Parts should be replaced with genuine Mazda replacement parts or with parts which match the quality of genuine Mazda replacement parts. Persons using replacement parts of lesser quality than that of genuine Mazda replacement parts must satisfy themselves thoroughly that neither personal safety nor safety of the vehicle will be jeopardized.**

**Mazda Motor Corporation is not responsible for any problems which may arise from the use of this manual. The cause of such problems includes but is not limited to insufficient service-related training, use of improper tools, use of replacement parts of lesser quality than that of genuine Mazda replacement parts, or not being aware of any revision of this manual.**

# Mazda3

## Wiring Diagram

### FOREWORD

This wiring diagram incorporates the wiring schematics of the Mazda3 and available optional equipment. Actual vehicle wiring may vary slightly depending on optional equipment or local specifications, or both.

For proper repair and maintenance, a thorough familiarization with this manual is important, and it should always be kept in a handy place for quick and easy reference.

All the contents of this manual, including drawings and specifications, are the latest available at the time of printing.

As modifications affecting repair or maintenance occur, relevant information supplementary to this volume will be made available at Mazda dealers. This manual should be kept up-to-date.

Mazda Motor Corporation reserves the right to alter the specifications and contents of this manual without obligation or advance notice.

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**Mazda Motor Corporation**  
**HIROSHIMA, JAPAN**

### APPLICATION:

This manual is applicable to vehicles beginning with the Vehicle Identification Numbers (VIN) shown on the following page.

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**VEHICLE IDENTIFICATION NUMBERS (VIN)  
(CHASSIS NUMBERS)**

JM0 BK103200 300001-

JM0 BK10F200 300001-

JM0 BK10R200 300001-

JM6 BK1062\*0 300001-

JM6 BK10F2\*0 300001-

JM6 BK10Y2\*0 300001-

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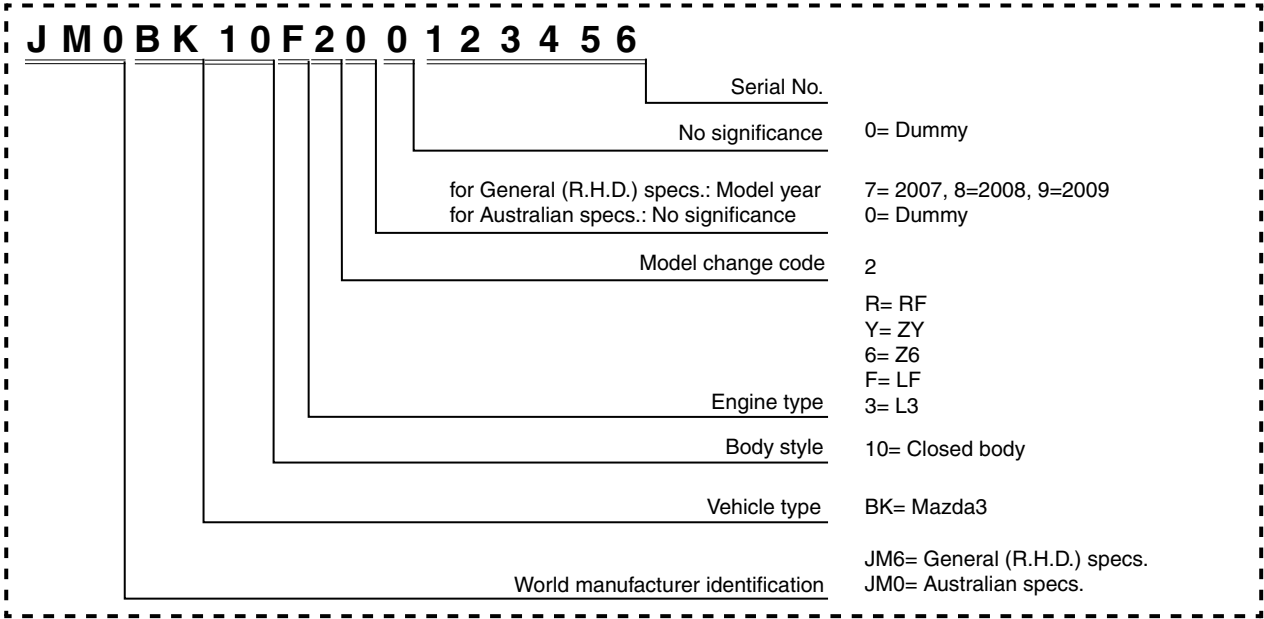
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Mazda3 Wiring Diagram (5672-1\*-06E)

00R

Reading Wiring Diagrams

VEHICLE IDENTIFICATION NUMBER (VIN) CODE



**VEHICLE IDENTIFICATION NUMBERS (VIN)**

JM0 BK103200 300001-  
JM0 BK10F200 300001-  
[JM0 BK10R200 300001-]  
JM6 BK1062\*0 300001-  
JM6 BK10F2\*0 300001-  
JM6 BK10Y2\*0 300001-

## CONTENTS OF WIRING DIAGRAMS

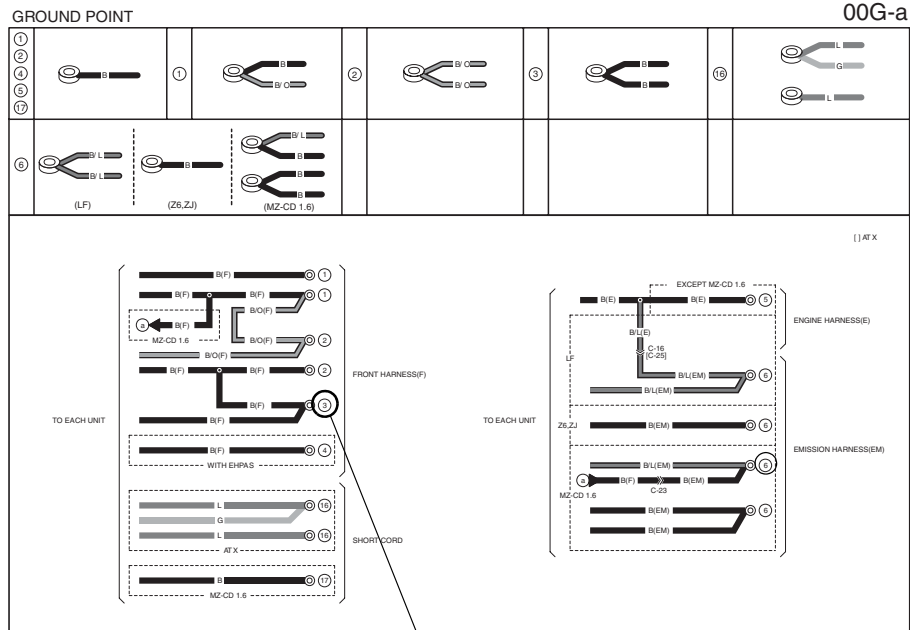
- This manual comprises the sections shown below.

<b>GENERAL INFORMATION</b>	<b>00</b>	<b>R</b>	Reading wiring diagrams	A how-to on using and reading wiring diagrams, using test equipment, checking harness and connectors, and finding trouble spots
		<b>P</b>	Electrical system general procedures	
		<b>E</b>	Electrical wiring schematic	Shows main fuses and other fuses for each system
		<b>F</b>	Fuse box complete wiring system	
		<b>J</b>	Joint box/Junction box complete wiring system	Shows internal circuits and connectors
		<b>C</b>	Common connector list	Shows connectors common throughout system
		<b>G</b>	Ground point	Ground routes from and to the battery
		<b>D</b>	Data link connector	
<b>ENGINE</b>	<b>01</b>		12 Cooling system 14 Fuel system 17 Charging system 18 Ignition system 19 Starting system 20 Cruise control system 40 Control system	Shows circuit and connector diagrams and component and connector location diagrams
<b>SUSPENSION</b>	<b>02</b>		12 Wheel and tires	
<b>DRIVELINE/AXLE</b>	<b>03</b>		18 4-Wheel drive	
<b>BRAKES</b>	<b>04</b>		13 Antilock brake system 14 Traction control system 15 Dynamic stability control	
<b>TRANSMISSION/TRANSAXLE</b>	<b>05</b>		13 Automatic transmission 14 Automatic transmission shift mechanism 17 Automatic transaxle 18 Automatic transaxle shift mechanism	
<b>STEERING</b>	<b>06</b>		13 Electric power steering (EPS) 14 Power steering	
<b>HEATER, VENTILATION &amp; AIR CONDITIONING (HVAC)</b>	<b>07</b>		40 Control system	
<b>RESTRAINTS</b>	<b>08</b>		10 Air bag system 11 Seat belt	
<b>BODY &amp; ACCESSORIES</b>	<b>09</b>		12 Glass/Windows/Mirrors 13 Seats 14 Security and locks 15 Sunroof 18 Lighting systems 19 Wiper/Washer system 20 Entertainment 21 Power systems 22 Instrumentation/Driver info. 40 Control system	
<b>AI</b>			Alphabetical Index	Gives page number of circuit diagram for each component

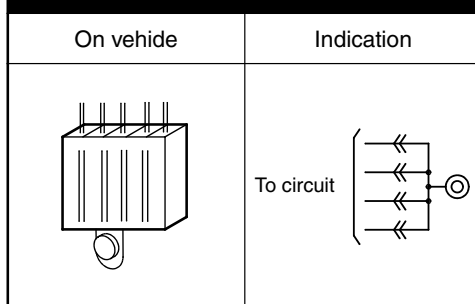
Depending on the vehicle model, the actual sections may be different.

## GROUND POINTS

- This shows ground points of the harness.

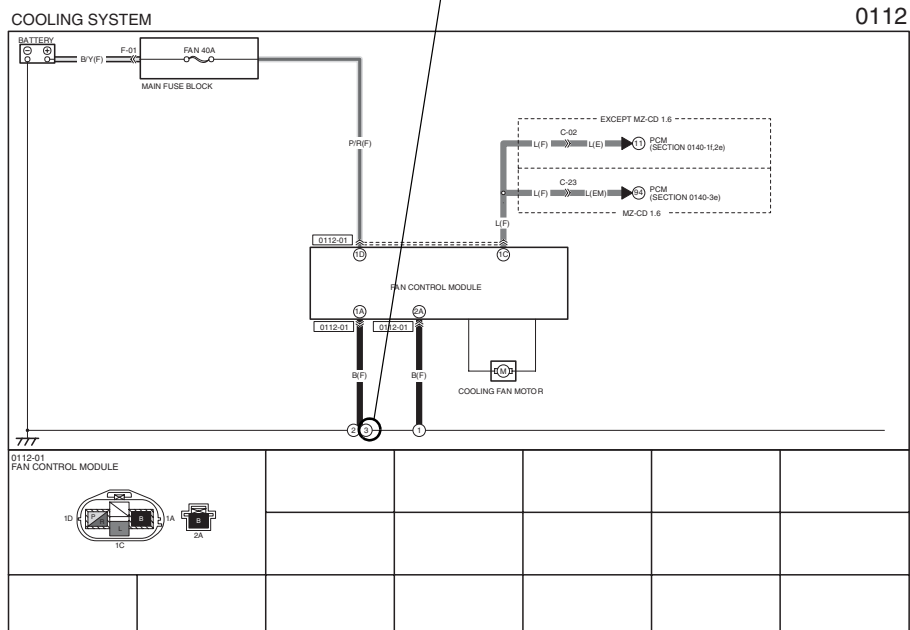


## Ground indication



## On circuit diagrams and ground points

The ground connection numbers in system circuit diagrams correspond to those in the ground point diagram.



**SYSTEM CIRCUIT DIAGRAM/CONNECTOR DIAGRAM**

- These diagrams show the circuits for each system, from the power supply to the ground. The power supply side is on the upper part of the page, the ground side on the lower part. The diagrams describe circuits with the ignition switch off.

Below is an explanation of the various points in the diagram.

**System name**

**CONTROL SYSTEM (MZ-CD 1.6)**

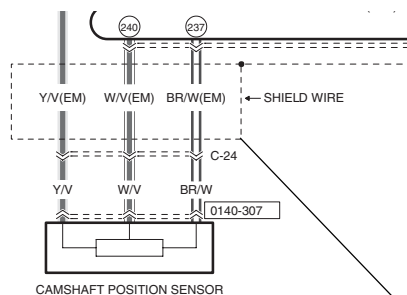
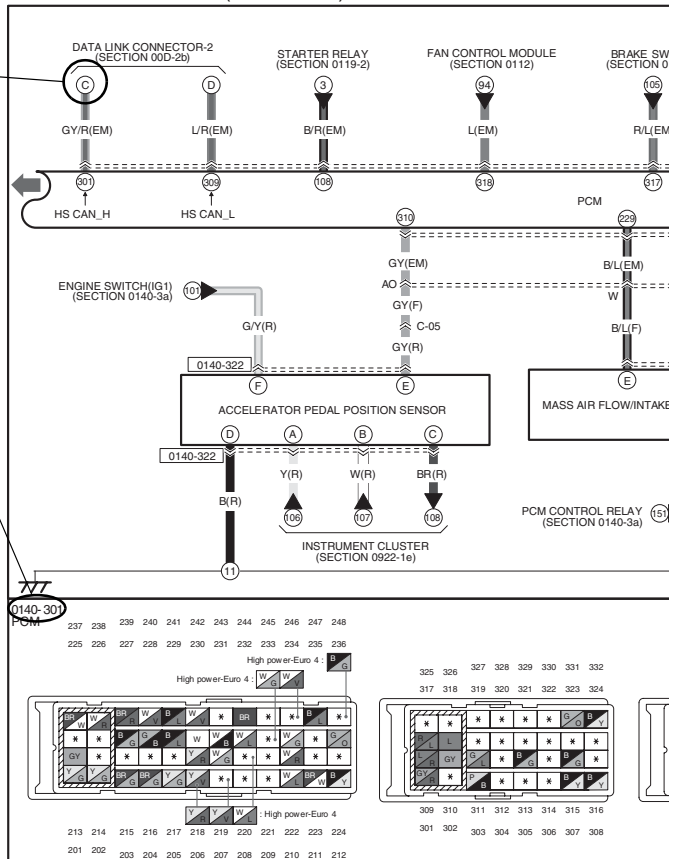
**Multiplex communication**

Indicates communication with connected parts. Signals are transmitted back and forth between connected parts.

**Connector code**

The prefix letter indicates the system in which the connector is used.

- F:** Fuse box connectors
- J:** Joint box/Junction box connectors
- C:** Common connectors
- G:** Ground point connectors
- D:** Data link connector
- 0112:** Cooling system connectors
- 0114:** Fuel system connectors
- 0117:** Charging system connectors
- 0118:** Ignition system connectors
- 0119:** Starting system connectors
- 0120:** Cruise control system connectors
- 0140:** Engine control system connectors
- 0212:** Wheel and tires connectors
- 0318:** 4-Wheel drive connectors
- 0413:** Antilock brake system connectors
- 0414:** Traction control system connectors
- 0415:** Dynamic stability control connectors
- 0513:** Automatic transmission connectors
- 0514:** Automatic transmission shift mechanism connectors
- 0517:** Automatic transaxle connectors
- 0518:** Automatic transaxle shift mechanism connectors
- 0613:** Electric power steering (EPS) connectors
- 0614:** Power steering connectors
- 0740:** Heater, ventilation & air conditioning (HVAC) control system connectors
- 0810:** Air bag system connectors
- 0811:** Seat belt connectors
- 0912:** Glass/Windows/Mirrors connectors
- 0913:** Seats connectors
- 0914:** Security and locks connectors
- 0915:** Sunroof connectors
- 0918:** Lighting systems connectors
- 0919:** Wiper/Washer system connectors
- 0920:** Entertainment connectors
- 0921:** Power systems
- 0922:** Instrumentation/Driver info. Connectors
- 0940:** Control system



**Indicates shielded wire.\***

- \* Shielded wire :  
Prevents signal disturbances from electrical interference.  
Wire is covered by a metal meshing for grounding.

The number indicates that the circuit continues to the related system diagram.

## Current symbol

Current flows in the direction of the arrow.

## System code

0140-3e

## Wire color code (harness symbol)

- Two-color wires are indicated by a two-letter symbol. The first indicates the base color of the wire, the second the color of the stripe. For example:

W/R is a white wire with a red stripe

BR/Y is a brown wire with a yellow stripe

Symbol  
(Example)

Solid color wire

Striped wire

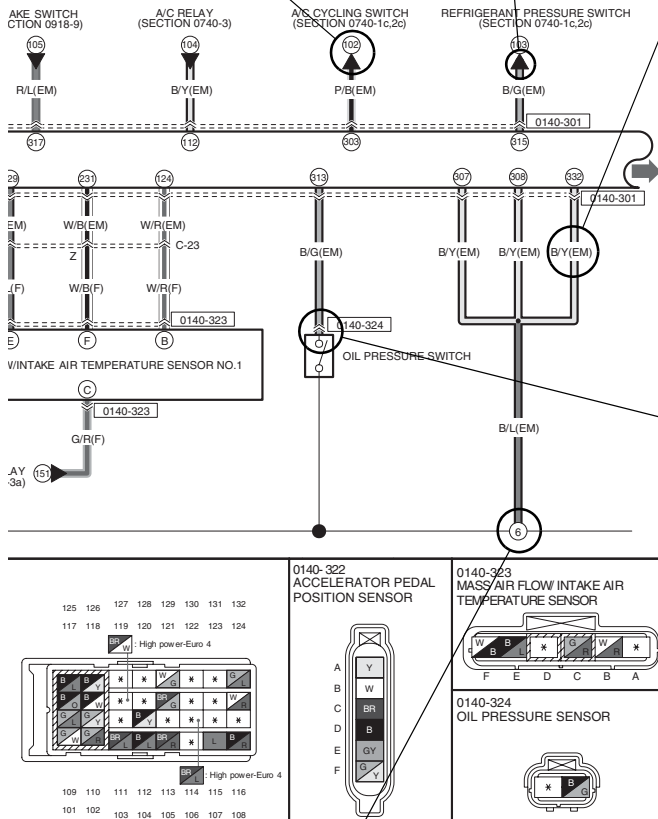
B  
(F)

Black

W/R  
(F)

White  
(base color)  
Red(stripe)

- The harness symbol is in ( ) following the harness symbols (refer to P-9.).



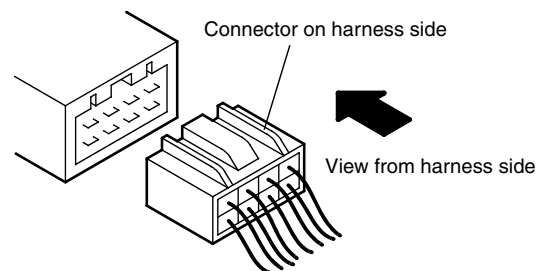
## Connector symbols

- Male and female connectors are represented as follows in the circuit and connector diagrams.

		Circuit diagram symbol	Connector diagram symbol
Male			
Female			

- Like connectors are linked by dashed lines between the connector symbols.
- Connector diagrams show connectors on the harness side. The terminal indicates the view from the harness side.

(Example)



- Colors for connectors except white are given in locations.
- Unused terminals are indicated by \*.

## Ground numbers

A harness ground is represented differently than a unit ground.

Types of grounds	Symbol
Harness 	
Unit 	
Sensor 	

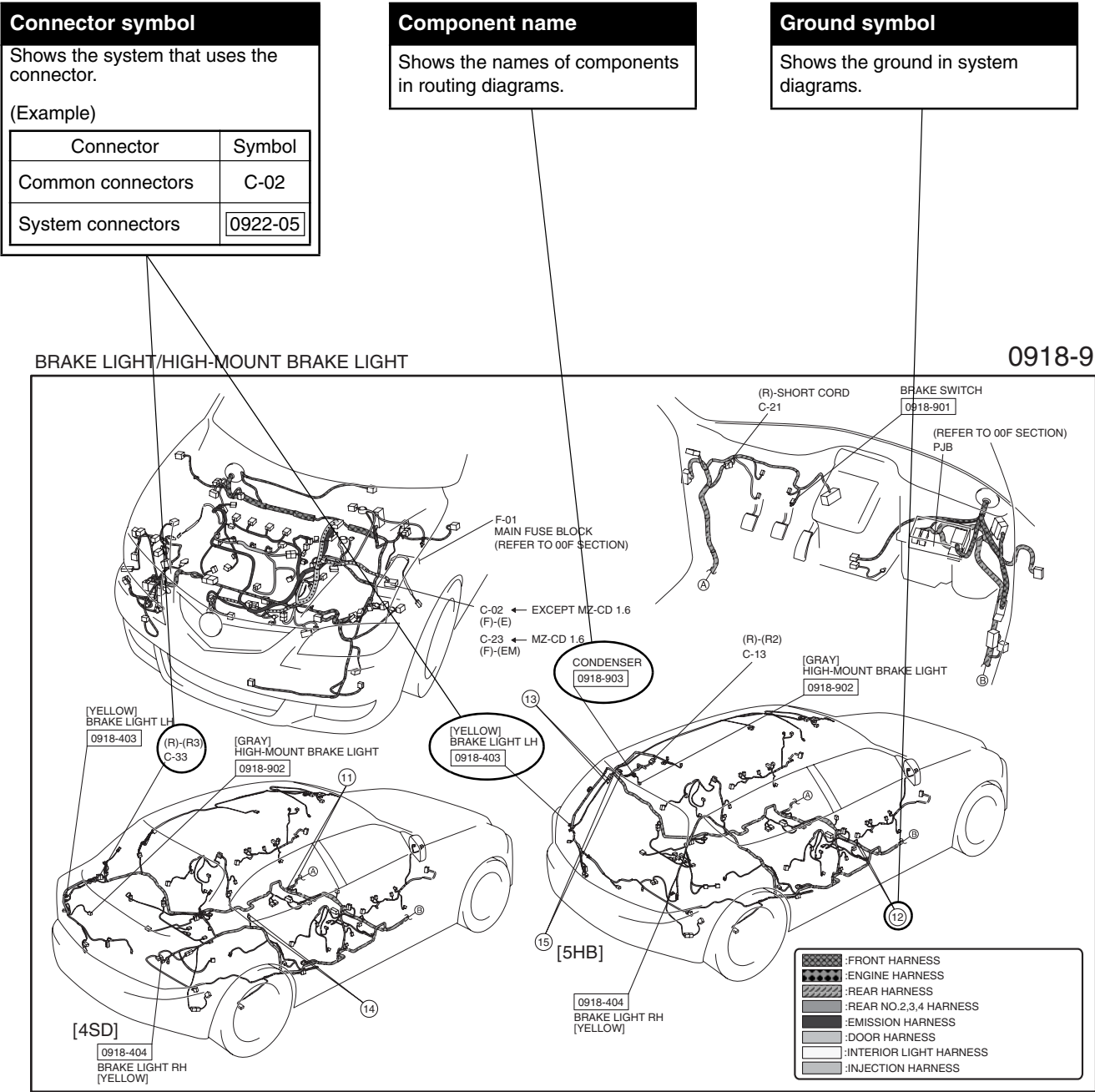


00R

Reading Wiring Diagrams

ROUTING DIAGRAM

- The routing diagram shows where electrical components are on the system circuit diagram by call out line and connector symbols.



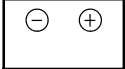

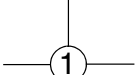

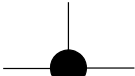

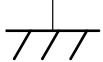

## HARNESS SYMBOLS


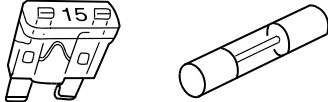
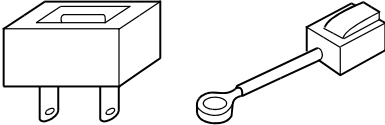




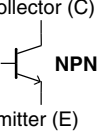
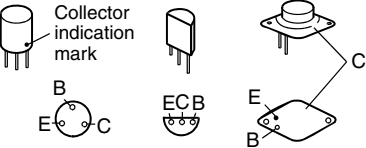

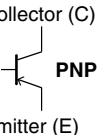
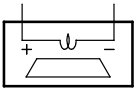
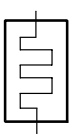
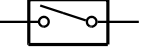
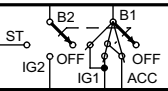


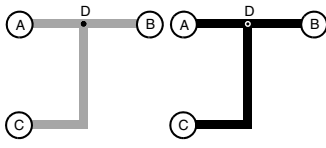


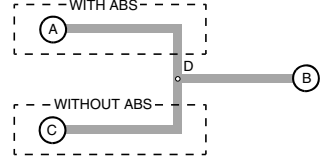
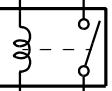
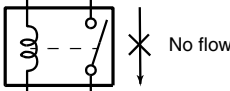
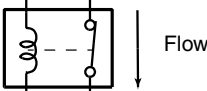
DESCRIPTION OF HARNESS	SYMBOL	DESCRIPTION OF HARNESS	SYMBOL
FRONT HARNESS	(F)	DOOR No. 1 HARNESS	(DR1)
FRONT No. 2 HARNESS	(F2)	DOOR No. 2 HARNESS	(DR2)
ENGINE HARNESS	(E)	DOOR No. 3 HARNESS	(DR3)
DASH HARNESS	(D)	DOOR No. 4 HARNESS	(DR4)
REAR HARNESS	(R)	FLOOR HARNESS	(FR)
REAR No. 2 HARNESS	(R2)	INTERIOR LIGHT HARNESS	(IN)
REAR No. 3 HARNESS	(R3)	A/C HARNESS	(AC)
INSTRUMENT PANEL HARNESS	(I)	INJECTION HARNESS	(INJ)
EMISSION HARNESS	(EM)	HAND BRAKE HARNESS	(HB)
EMISSION No. 2 HARNESS	(EM2)		
EMISSION No. 3 HARNESS	(EM3)		

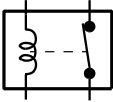
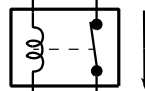
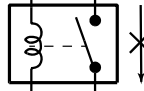

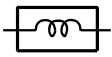

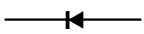








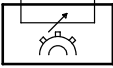

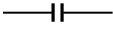
## WIRING COLOR CODE

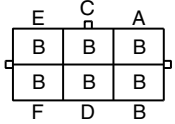
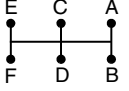
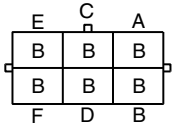
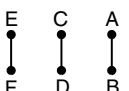
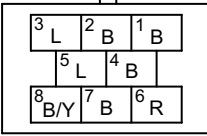
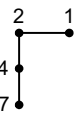
COLOR	CODE	COLOR	CODE
BLACK	B	ORANGE	O
BLUE	L	PINK	P
BROWN	BR	RED	R
DARK BLUE	DL	SKY BLUE	SB
DARK GREEN	DG	TAN	T
GRAY	GY	VIOLET	V
GREEN	G	WHITE	W
LIGHT BLUE	LB	YELLOW	Y
LIGHT GREEN	LG		

## SYMBOLS

Symbol	Meaning	Symbol	Meaning
Battery 	<ul style="list-style-type: none"> <li>Generates electricity through chemical reaction.</li> <li>Supplies direct current to circuits.</li> </ul>	Light 	<ul style="list-style-type: none"> <li>Emits light and generates heat when current flows through filament.</li> </ul>
Ground (1) 	<ul style="list-style-type: none"> <li>Connecting point to vehicle body or other ground wire where current flows from positive to negative terminal of battery.</li> <li>Ground (1) indicates a ground point to body through wire harness.</li> </ul>		
Ground (2) 	<ul style="list-style-type: none"> <li>Ground (2) indicates point where component is grounded directly to body.</li> </ul>	Resistance 	<ul style="list-style-type: none"> <li>A resistor with a constant value.</li> <li>Mainly used to protect electrical components in circuits by maintaining rated voltage.</li> </ul>
Ground (3) 	Remarks <ul style="list-style-type: none"> <li>Current will not flow through a circuit if ground is faulty.</li> </ul>	Motor 	<ul style="list-style-type: none"> <li>Converts electrical energy into mechanical energy.</li> </ul>

Symbol	Meaning	Symbol	Meaning
Fuse 	<ul style="list-style-type: none"> <li>Melts when current flow exceeds that specified for circuit, interrupts current flow.</li> </ul> <p>Precautions</p> <ul style="list-style-type: none"> <li>Do not replace with fuses exceeding specified capacity.</li> </ul> <p>&lt;Blade type&gt;      &lt;Tube type&gt;</p>  <p>&lt;Cartridge type&gt;      &lt;Fusible link&gt;</p> 	Pump 	<ul style="list-style-type: none"> <li>Pulls in and discharges gases and liquids.</li> </ul>
Fuse (For high current fuse)/ Fusible link 		Cigarette lighter 	<ul style="list-style-type: none"> <li>Electrical coil that generates heat.</li> </ul>
		Accessory socket 	<ul style="list-style-type: none"> <li>Interior power supply.</li> </ul>
Transistor (1)  <p>Collector (C) Base (B) NPN Emitter (E)</p>	<ul style="list-style-type: none"> <li>Electrical switching component.</li> <li>Turns on when voltage is applied to the base (B).</li> </ul> <p>Collector indication mark</p> 	Horn 	<ul style="list-style-type: none"> <li>Generates sound when current flows.</li> </ul>
Transistor (2)  <p>Collector (C) Base (B) PNP Emitter (E)</p>	<ul style="list-style-type: none"> <li>Reading code.</li> </ul> <p>2 S C 828 A      Revision mark</p> <p>Semiconductor Number of terminals</p> <p>A: High-frequency PNP B: Low-frequency PNP C: High-frequency NPN D: Low-frequency NPN</p>	Speaker 	
		Heater 	<ul style="list-style-type: none"> <li>Generates heat when current flows.</li> </ul>
Switch (1)  <p>Normally open</p>	<ul style="list-style-type: none"> <li>Allows or breaks current flow by opening and closing circuits.</li> </ul>	Ignition switch 	<ul style="list-style-type: none"> <li>Turning ignition key switches circuit to operate various component.</li> </ul> <p>(NOTE) Ignition switch is called engine switch on diesel vehicles.</p>
Switch (2)  <p>Normally closed</p>		Harness Connection  <p>When circuit C-D is connected to circuit A-B, the connection D is indicated by a black dot.</p>	 <p>For vehicles with ABS, use the A-B circuit.</p>
Autostop switch 	<ul style="list-style-type: none"> <li>Automatically shuts off circuit when certain conditions are met.</li> </ul>	Selection  <p>Diversion point D for the different circuits according to the vehicle's specification is indicated by a white dot.</p>	 <p>For vehicles without ABS, use the C-B circuit.</p>
Relay (1)  <p>Normally open</p>	<ul style="list-style-type: none"> <li>Current flowing through coil produces electromagnetic force causing contact to open or close.</li> </ul> <p>No current to coil</p>  <p>Current to coil</p> 		

Symbol	Meaning	Symbol	Meaning
Relay (2)  Normally closed	<ul style="list-style-type: none"> <li>Current flowing through coil produces electromagnetic force causing contact to close.</li> </ul> <div>           No current to coil             Flow         </div> <div>           Current to coil             No flow         </div>		
Sensor (1) 	<ul style="list-style-type: none"> <li>Detects characteristics such as intake manifold vacuum and airflow amount according to resistance variation.</li> </ul>	Solenoid 	<ul style="list-style-type: none"> <li>Current flowing through coil generates electromagnetic force to operate plungers.</li> </ul>
Sensor (2) 	<ul style="list-style-type: none"> <li>Detects resistance variation according to operation of other parts.</li> </ul>	Diode 	<ul style="list-style-type: none"> <li>Known as a semiconductor rectifier, the diode allows current flow in one direction only.</li> </ul> <div>           Cathode(K)  Anode(A)            ← Flow of electric current         </div> <div>  A  A  A         </div>
Sensor (3) 	<ul style="list-style-type: none"> <li>A resistor whose resistance variation according to temperature variation.</li> <li>When temperature increases, resistance decreases.</li> </ul>	Light-emitting diode (LED) 	<ul style="list-style-type: none"> <li>A diode that lights when current flows.</li> <li>Unlike ordinary bulbs, the diode does not generate heat when lit.</li> </ul> <div>           Cathode(K)  Anode(A)            ← Flow of current         </div> <div>  Cathode(K)            Anode(A)            ← Flow of current         </div>
Sensor (4) 	<ul style="list-style-type: none"> <li>Detects pulse signals from rotating object.</li> </ul>	Reference diode (Zener diode) 	<ul style="list-style-type: none"> <li>Allows current to flow in one direction up to a certain voltage; allows current to flow in the other direction once that voltage is exceeded.</li> </ul>
Capacitor 	<ul style="list-style-type: none"> <li>Component that temporarily stores electrical charge.</li> </ul>		

Symbol	Meaning
Extent of the change in the wiring position (1)  	<ul style="list-style-type: none"> <li>The wiring position can be exchanged freely within the connector.</li> </ul>
Extent of the change in the wiring position (2)  	<ul style="list-style-type: none"> <li>The wiring position can be exchanged according to the following combinations only. Between A and B, Between C and D, Between E and F</li> </ul>
Extent of the change in the wiring position (3)  	<ul style="list-style-type: none"> <li>The wiring position can be exchanged according to the following combinations only. Between 1, 2, 4 and 7.</li> <li>The wiring positions may be indicated by numbers for some connectors.</li> </ul>

**SERVICE WARNING AND CAUTION FOR VEHICLES WITH SRS AIR BAG SYSTEM**

If the SRS air bag system inspection and servicing is not done using the correct procedure, an air bag could operate (deploy) accidentally, which may cause injury or the system to operate (deploy) improperly.

Always follow the service warnings and cautions when performing the SRS air bag system-related inspection or servicing.

**SERVICE WARNING FOR VEHICLES WITH DISCHARGE HEADLIGHT**

If the discharge headlight inspection and servicing is not done using the correct procedure, it could result in electrical shock.

Always follow the service warnings when performing the discharge headlight-related inspection or servicing.

**ABBREVIATIONS USED IN THIS MANUAL**

3GR	THIRD GEAR
4GR	FOURTH GEAR
A	AMPERE
A/C	AIR CONDITIONING
A/F	AIR FUEL
AAS	AUTO ADJUSTING SUSPENSION
ABS	ANTILOCK BRAKE SYSTEM
ACC	ACCESSORIES
ACV	AIR CONTROL VALVE
ADD	ADDITIONAL
AIS	AIR INJECTION SYSTEM
ALL	AUTOMATIC LOAD LEVELING
AM	AMPLITUDE MODULATION
AMP	AMPLIFIER
ANT	ANTENNA
ASV	AIR SUPPLY VALVE
AT	AUTOMATIC TRANSMISSION
ATX	AUTOMATIC TRANSAXLE
B+	BATTERY POSITIVE VOLTAGE
BAC	BYPASS AIR CONTROL
CAN	CONTROLLER AREA NETWORK
CIGAR	CIGARETTE
CIS	CONTINUOUS FUEL INJECTION SYSTEM
CKP	CRANKSHAFT POSITION SENSOR
CM	CONTROL MODULE
CMP	CAMSHAFT POSITION SENSOR
COMBI	COMBINATION
CON	CONDITIONER
CONT	CONTROL
CPU	CENTRAL PROCESSING UNIT
DEF	DEFROSTER
DI	DISTRIBUTOR IGNITION
DLC	DATA LINK CONNECTOR
DLI	DISTRIBUTORLESS IGNITION
DOHC	DOUBLE-OVERHEAD CAMSHAFT
DRL	DAYTIME RUNNING LIGHT
DTC	DIAGNOSTIC TROUBLE CODE(S)
DTM	DIAGNOSTIC TEST MODE
ECPS	ELECTRONICALLY CONTROLLED POWER STEERING
ECT	ENGINE CONTROL TEMPERATURE

EGR	EXHAUST GAS RECIRCULATION
EHPAS	ELECTRO HYDRAULIC POWER ASSIST STEERING
EI	ELECTRONIC IGNITION
ELEC	ELECTRIC
ELR	EMERGENCY LOCKING RETRACTOR
ET	ELECTRONIC THROTTLE
EPS	ELECTRIC POWER STEERING
EVAP	EVAPORATIVE EMISSION
F	FRONT
F/I	FUEL INJECTOR
FICB	FAST-IDLE CAM BREAKER
FM	FREQUENCY MODULATION
FP	FUEL PUMP
FPR	FUEL PUMP RELAY
GEN	GENERATOR
GND	GROUND
H/D	HEATER/DEFROSTER
HEAT	HEATER
HI	HIGH
HO2S	HEATED OXYGEN SENSOR
HS	HIGH SPEED
HU	HYDRAULIC UNIT
IAC	IDLE AIR CONTROL
IAT	INTAKE AIR TEMPERATURE
IG	IGNITION
ILLUMI	ILLUMINATION
INT	INTERMITTENT
JB	JOINT BOX
KS	KNOCK SENSOR
LCD	LIQUID CRYSTAL DISPLAY
LF	LEFT FRONT
LH	LEFT HAND
LO	LOW
LR	LEFT REAR
M	MOTOR
MAF	MASS AIR FLOW
MAP	MANIFOLD ABSOLUTE PRESSURE
MFI	MULTIPOINT FUEL INJECTION
MID	MIDDLE
MIL	MALFUNCTION INDICATOR LAMP
MIN	MINUTE

# Reading Wiring Diagrams

00R

MIX	MIXTURE
MPX	MULTIPLEX
MS	MIDDLE SPEED
MT	MANUAL TRANSMISSION
MTX	MANUAL TRANSAXLE
N	NEUTRAL
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
O2S	OXYGEN SENSOR
OBD	ON-BOARD DIAGNOSTIC
O/D	OVER DRIVE
OFF	SWITCH OFF
ON	SWITCH ON
OSC	OSCILLATOR
P	POWER
P/S	POWER STEERING
PCM	POWERTRAIN CONTROL MODULE
PJB	PASSENGER JUNCTION BOX
PNP	PARK/NEUTRAL POSITION
PRC	PRESSURE REGULATOR CONTROL
PRG	PURGE SOLENOID VALVE
PSP	POWER STEERING PRESSURE
PTC	POSITIVE TEMPERATURE COEFFICIENT HEATER
PWM	PULSE WIDTH MODULATION
QSS	QUICK-START SYSTEM
R	REAR
REC	RECIRCULATION
RES	REAR ENTERTAINMENT SYSTEM
RF	RIGHT FRONT
RH	RIGHT HAND
RPM	REVOLUTIONS PER MINUTE
RR	RIGHT REAR
SAS	SOPHISTICATED AIR BAG SENSOR
SFI	SEQUENTIAL MULTIPPOINT FUEL INJECTION
SOL	SOLENOID
SPV	SPILL VALVE
ST	START
SW	SWITCH
TC	TURBOCHARGER
TCC	TORQUE CONVERTER CLUTCH
TCM	TRANSMISSION(TRANSAXLE) CONTROL MODULE
TCS	TRACTION CONTROL SYSTEM
TEMP	TEMPERATURE
TFT	TRANSAXLE FLUID TEMPERATURE
TICS	TRIPLE INDUCTION CONTROL SYSTEM
TNS	TAIL NUMBER SIDE LIGHTS

TP	THROTTLE POSITION SENSOR
TR	TRANSMISSION(TRANSAXLE) RANGE
TWS	TOTAL WIRING SYSTEM
V	VOLT
VAF	VOLUME AIR FLOW SENSOR
VENT	VENTILATION
VICS	VARIABLE INERTIA CHARGING SYSTEM
VOL	VOLUME
VR	VOLTAGE REGULATOR
VRIS	VARIABLE RESONANCE INDUCTION SYSTEM
VSS	VEHICLE SPEED SENSOR
VTCS	VARIABLE TUMBLE CONTROL SYSTEM
W	WATT(S)
WOT	WIDE OPEN THROTTLE

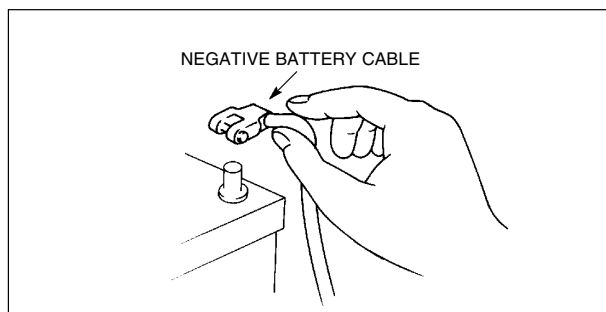
# 00P Electrical System General Procedures

## ELECTRICAL PARTS

B6U00000006W03

### Battery Cable

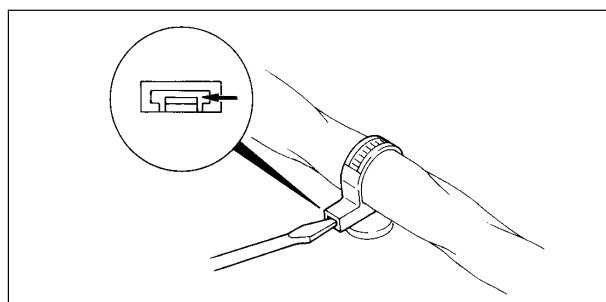
- Before disconnecting connectors or removing electrical parts, disconnect the negative battery cable.



WGIWXX0007E

### Wiring Harness

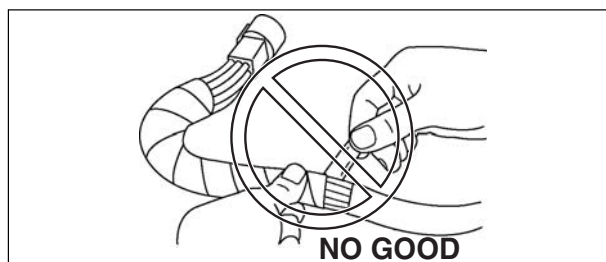
- To remove the wiring harness from the clip in the engine room, pry up the hook of the clip using a flathead screwdriver.



WGIWXX00039E

### Caution

- Do not remove the Harness protective tape. Otherwise, the wires could rub against the body, which could result in water penetration and electrical shorting.



WGIWXX00040E

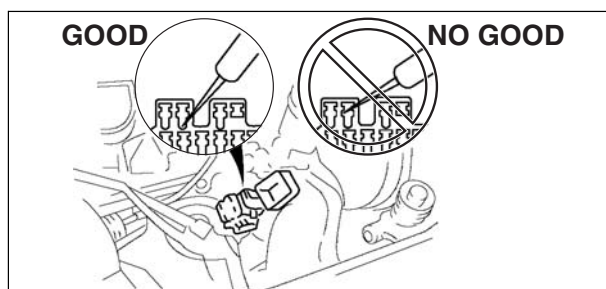
## CONNECTORS

### Data Link Connector

- Insert the probe into the terminal when connecting a jumper wire to the data link connector.

### Caution

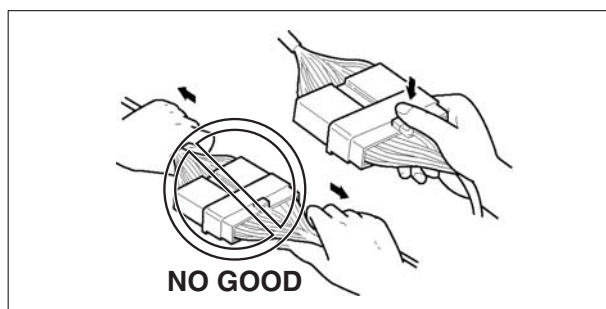
- Inserting a jumper wire probe into the data link connector terminal may damage the terminal.



X3U000WAY

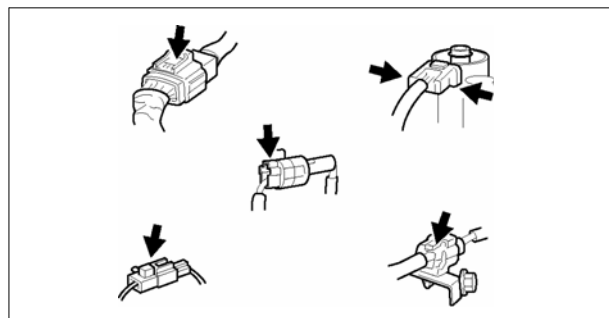
### Disconnecting Connectors

- When disconnecting connector, grasp the connectors, not the wires.



WGIWXX00041E

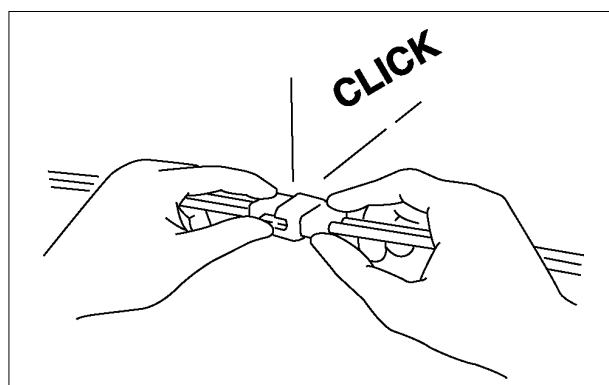
- Connectors can be disconnected by pressing or pulling the lock lever as shown.



WGIWXX0042E

## Locking Connector

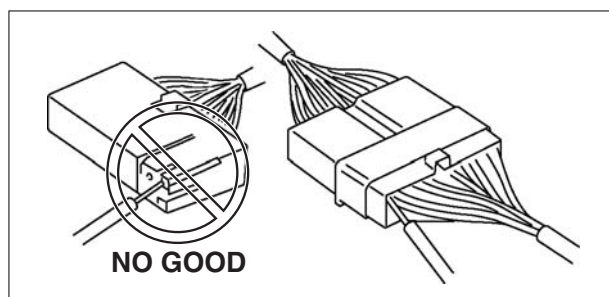
- When locking connectors, listen for a click indicating they are securely locked.



X3U000WB1

## Inspection

- When a tester is used to inspect for continuity or measuring voltage, insert the tester probe from the wiring harness side.

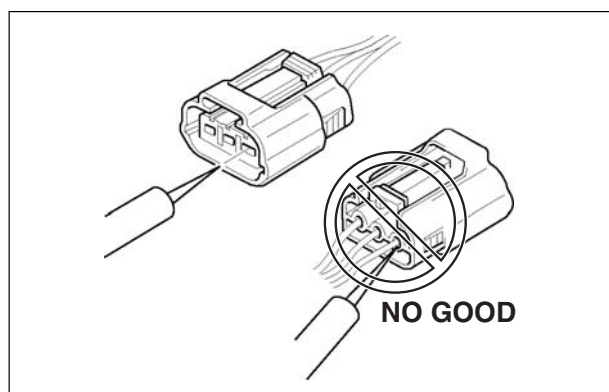


WGIWXX0044E

- Inspect the terminals of waterproof connectors from the connector side since they cannot be accessed from the wiring harness side.

## Caution

- To prevent damage to the terminal, wrap a thin wire around the tester probe before inserting into terminal.



WGIWXX0045E

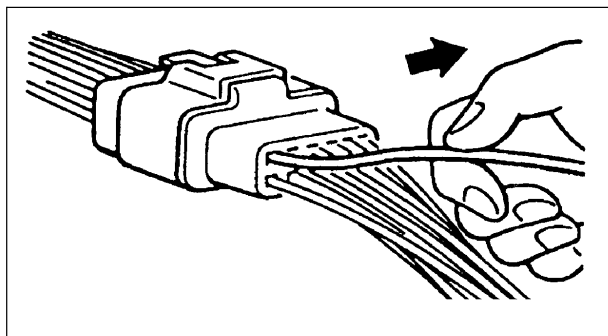


# 00P Electrical System General Procedures

## Terminals

### Inspection

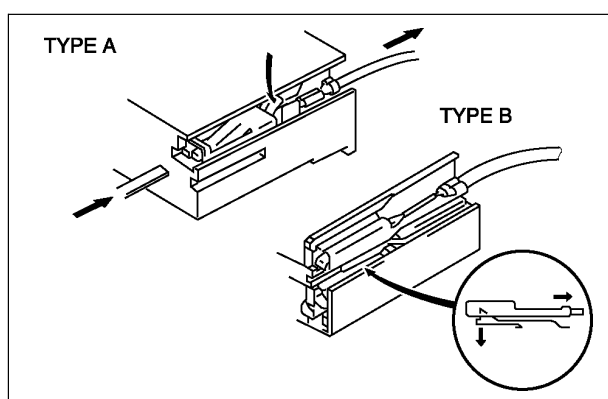
- Pull lightly on individual wires to verify that they are secured in the terminal.



X3U000WB4

### Replacement

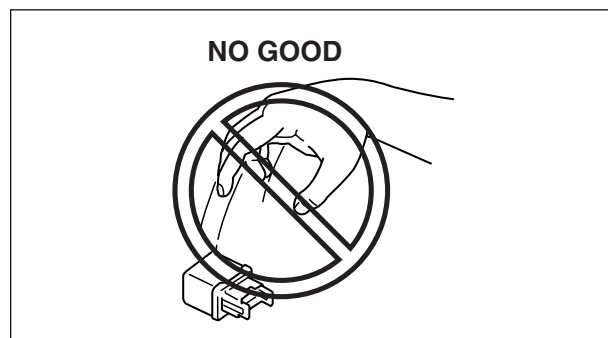
- Use the appropriate tools to remove a terminal as shown. When installing a terminal, be sure to insert it until it locks securely.
- Insert a thin piece of metal from the terminal side of the connector and with the terminal locking tab pressed down, pull the terminal out from the connector.



X3U000WB5

## Sensors, Switches, And Relays

- Handle sensors, switches, and relays carefully. Do not drop them or strike them against other objects.

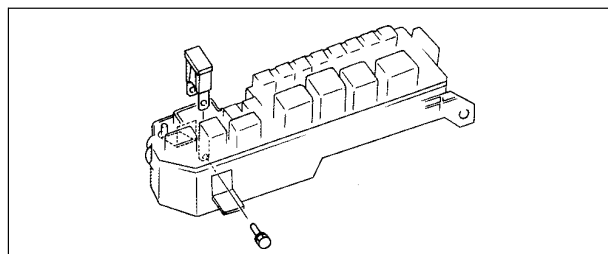


X3U000WB6

## Fuse

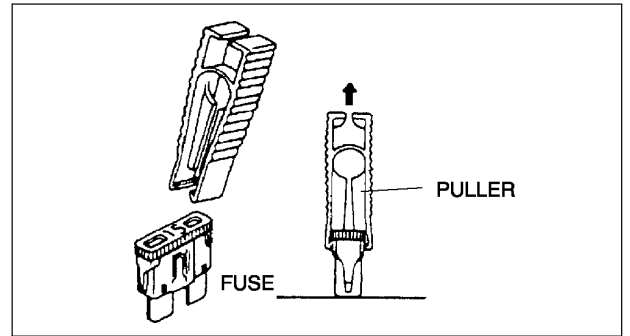
### Replacement

- When replacing a fuse, be sure to replace it with one of the same capacity. If a fuse fails again, the circuit probably has a short and the wiring should be inspected.
- Be sure the negative battery terminal is disconnected before replacing a main fuse.



YMU000WA1

- When replacing a pullout fuse, use the fuse puller.



YMU000WAK

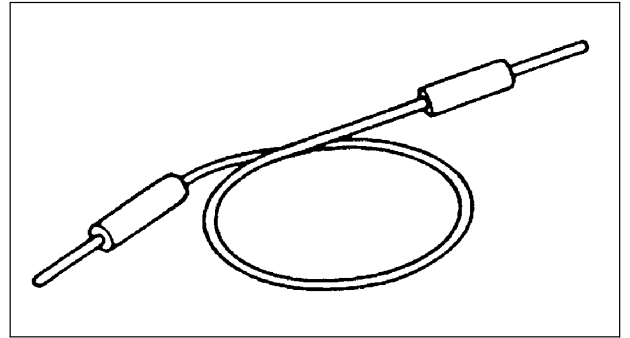
## ELECTRICAL TROUBLESHOOTING TOOLS

### Jumper Wire

- A jumper wire is used to create a temporary circuit. Connect the jumper wire between the terminals of a circuit to bypass a switch.

#### Caution

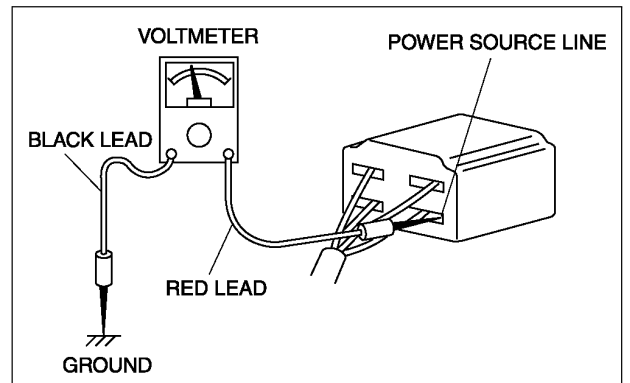
- Do not connect a jumper wire from the power source line to a body ground. This may cause burning or other damage to wiring harnesses or electronic components.**



X3U000WBB

### Voltmeter

- The DC voltmeter is used to measure circuit voltage. A voltmeter with a range of **15 V or more** is used by connecting the positive (+) probe (red lead wire) to the point where voltage will be measured and the negative (-) probe (black lead wire) to a body ground.



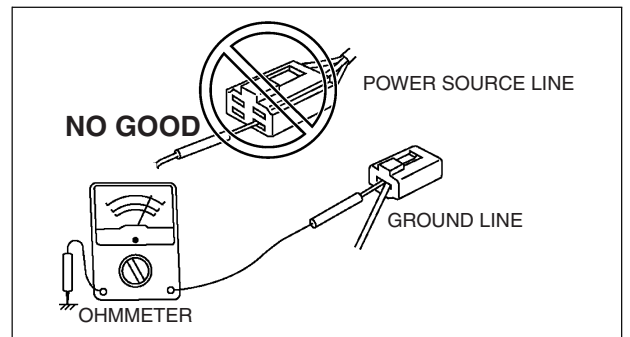
X3U000WBC

### Ohmmeter

- The ohmmeter is used to measure the resistance between two points in a circuit and to inspect for continuity and short circuits.

#### Caution

- Do not connect the ohmmeter to any circuit where voltage is applied. This will damage the ohmmeter.**

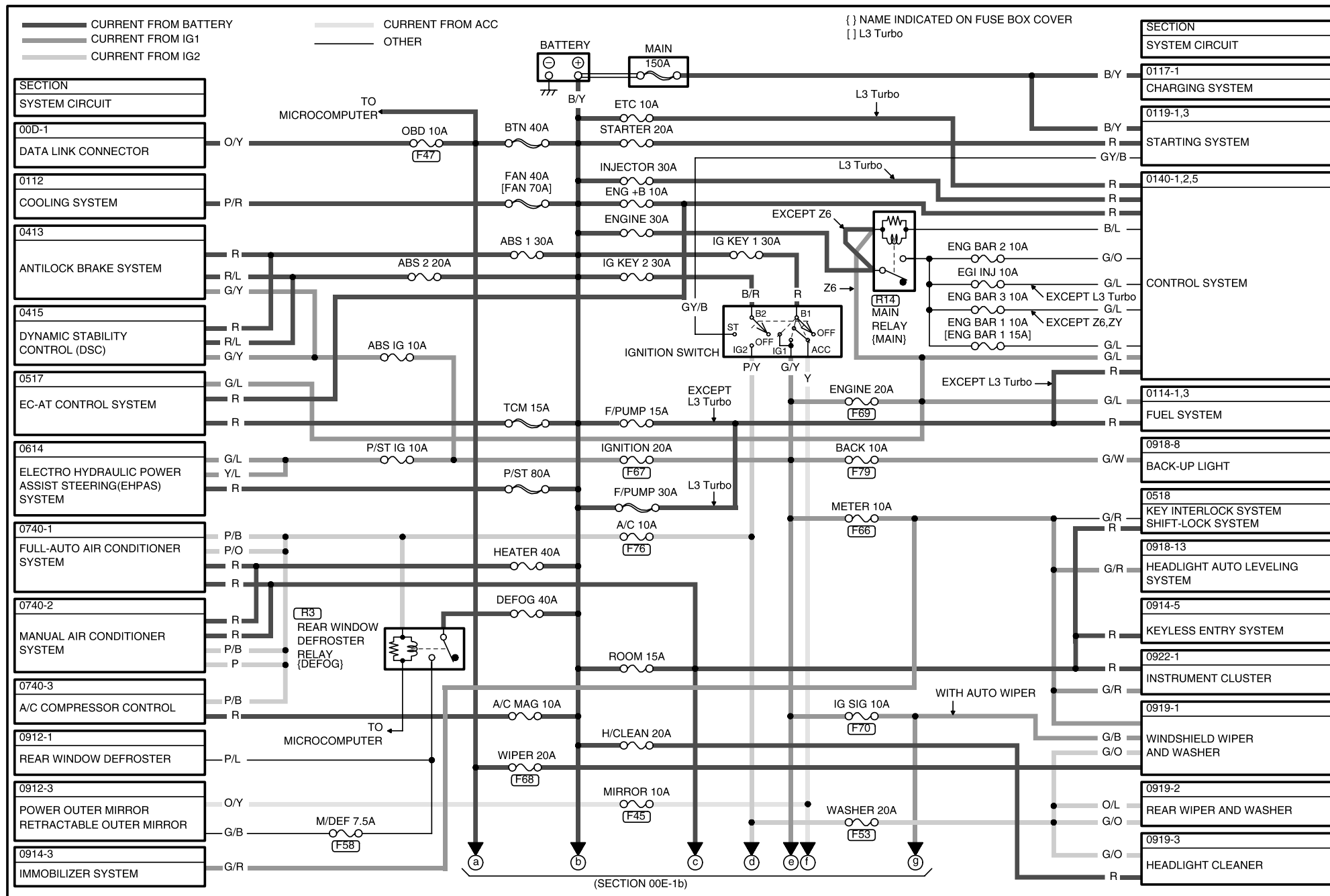


YMU000WAL

# ELECTRICAL WIRING SCHEMATIC

00E-1a

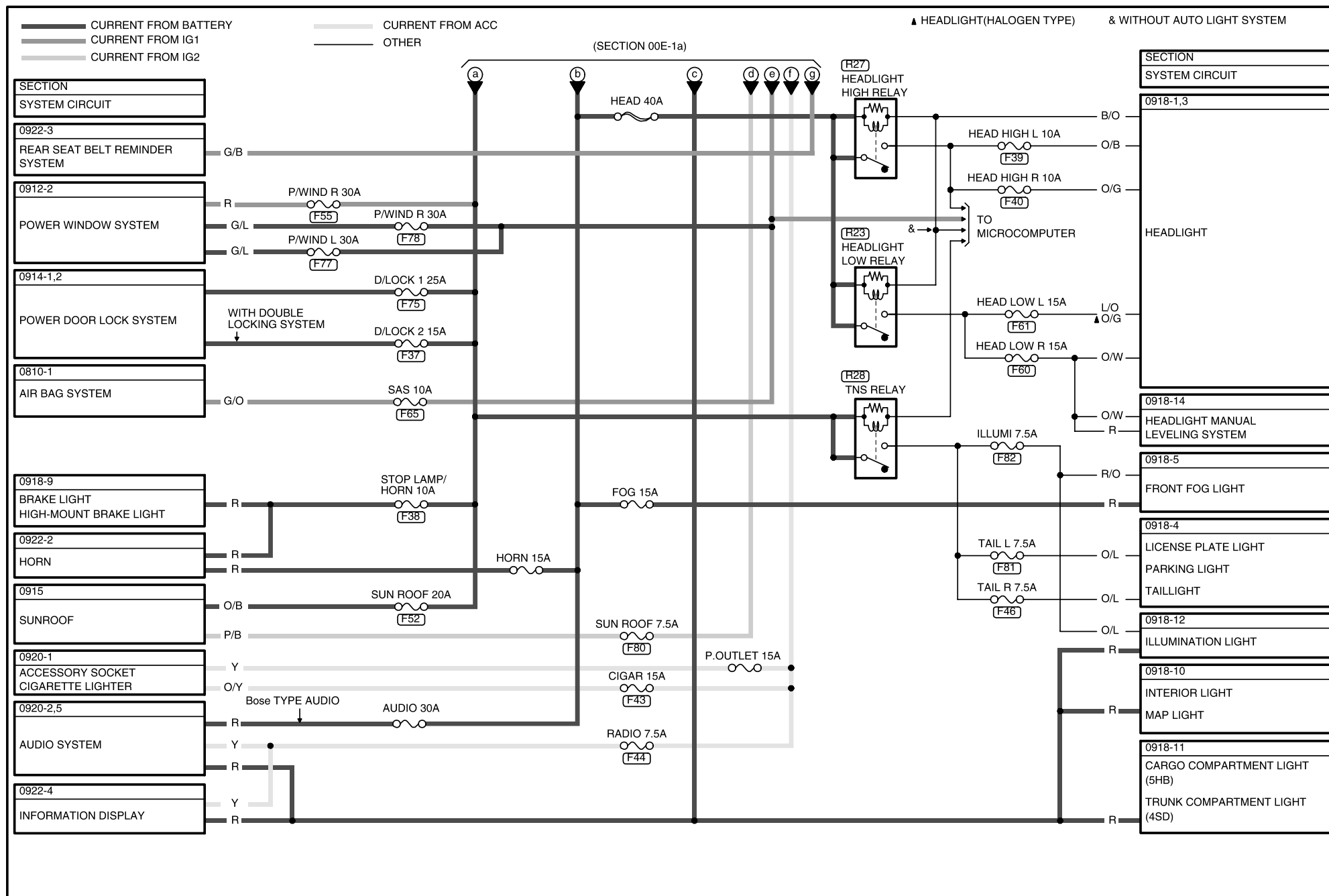
18



# ELECTRICAL WIRING SCHEMATIC

00E-1b

18-1



# ELECTRICAL WIRING SCHEMATIC (MZR-CD (RF Turbo))

00E-2a

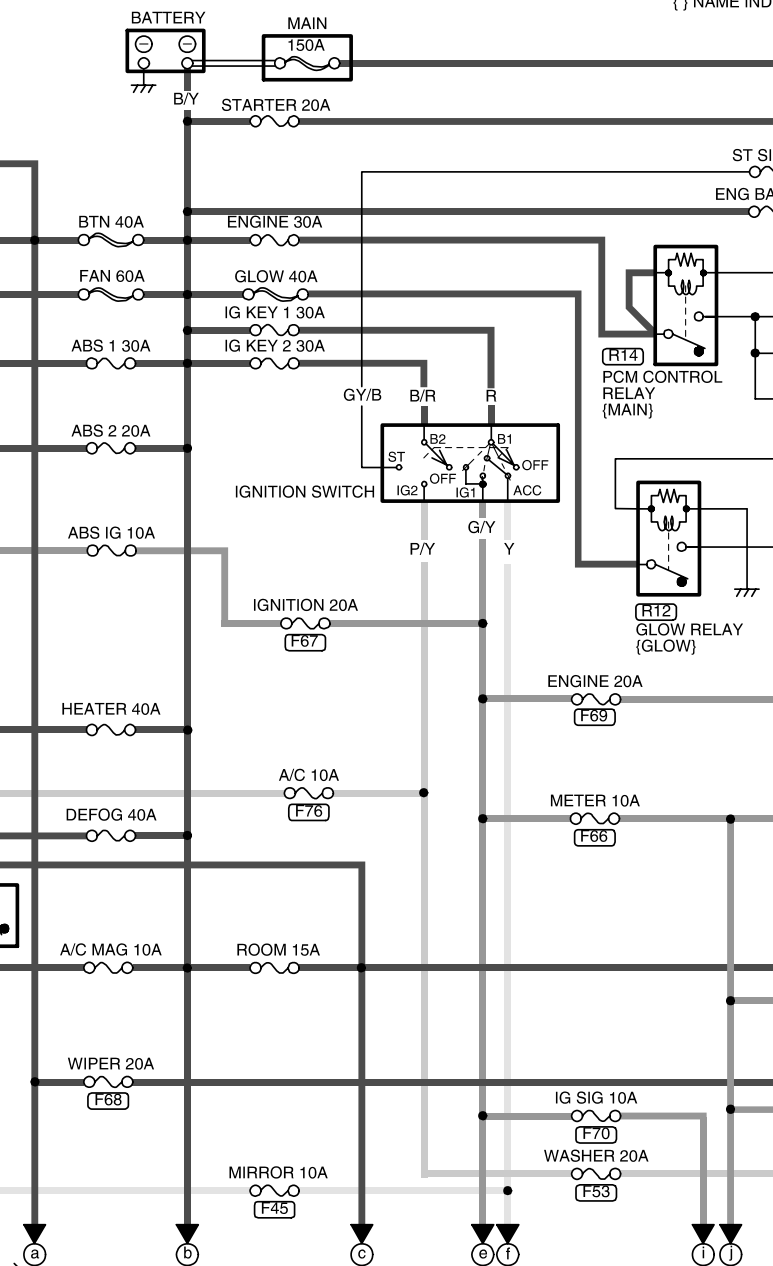
- CURRENT FROM BATTERY
- CURRENT FROM IG1
- CURRENT FROM IG2
- CURRENT FROM ACC
- OTHER

{ } NAME INDICATED ON FUSE BOX COVER

SECTION	SYSTEM CIRCUIT
00D-1	DATA LINK CONNECTOR
0112	COOLING SYSTEM
0415	DYNAMIC STABILITY CONTROL (DSC)
0740-1	FULL-AUTO AIR CONDITIONER SYSTEM
0740-2	MANUAL AIR CONDITIONER SYSTEM
0740-3	A/C COMPRESSOR CONTROL
0912-1	REAR WINDOW DEFROSTER
0912-3	POWER OUTER MIRROR RETRACTABLE OUTER MIRROR

TO MICROCOMPUTER

TO MICROCOMPUTER

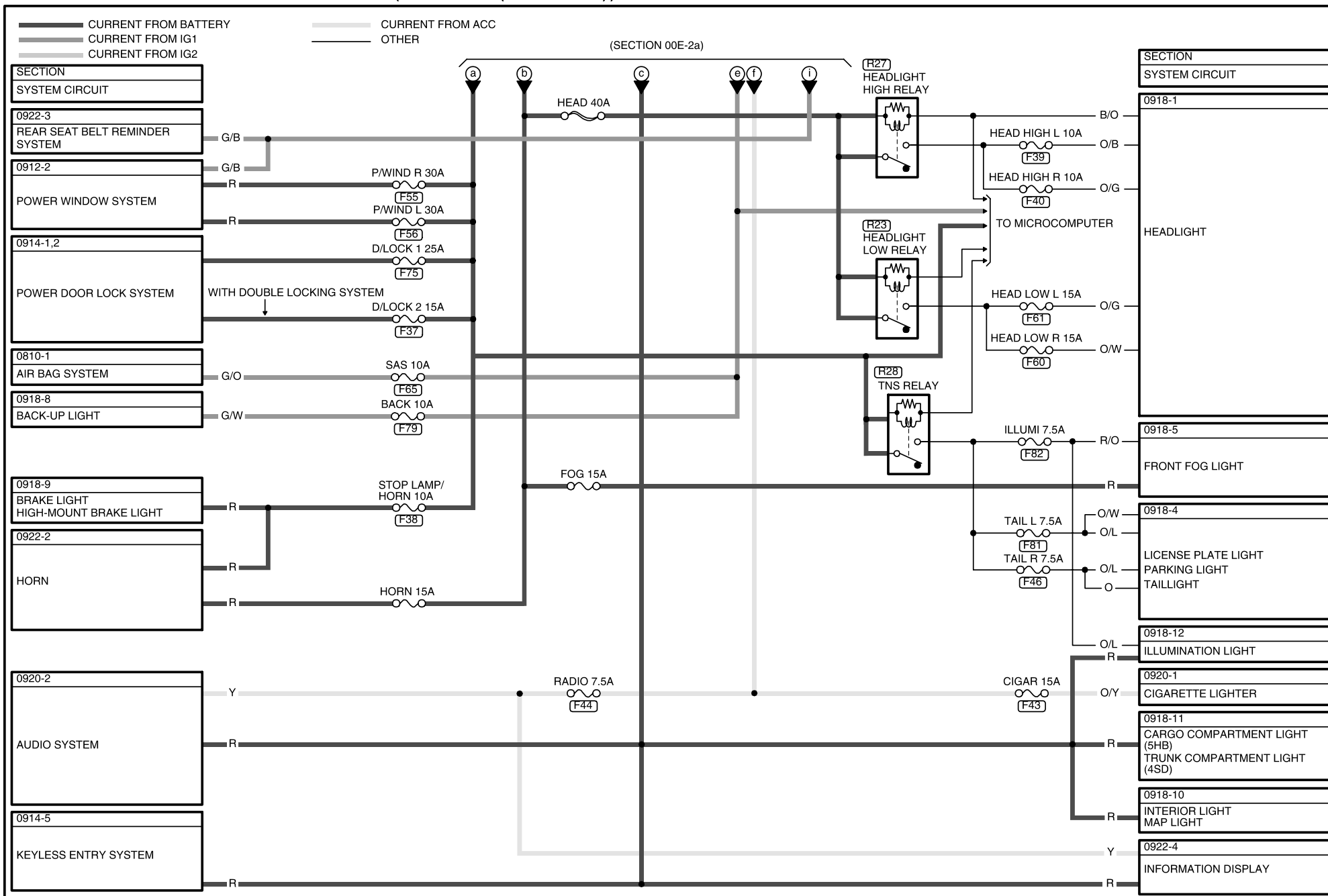


(SECTION 00E-2b)

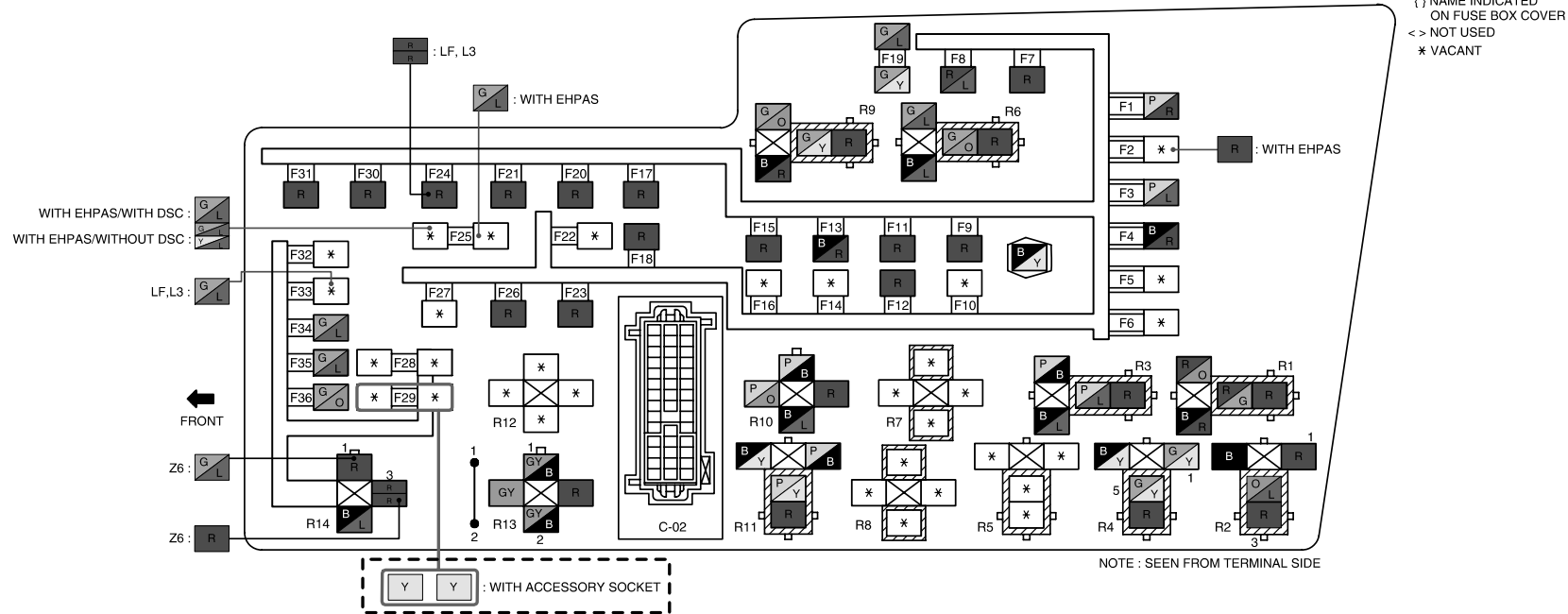
SECTION	SYSTEM CIRCUIT
0119-4	STARTING SYSTEM
0117-3	CHARGING SYSTEM
0140-6	CONTROL SYSTEM
0914-3	IMMOBILIZER SYSTEM
0922-1	INSTRUMENT CLUSTER
0919-1	WINDSHIELD WIPER AND WASHER
0919-2	REAR WIPER AND WASHER

# ELECTRICAL WIRING SCHEMATIC (MZR-CD (RF Turbo))

00E-2b



F-01 MAIN FUSE BLOCK



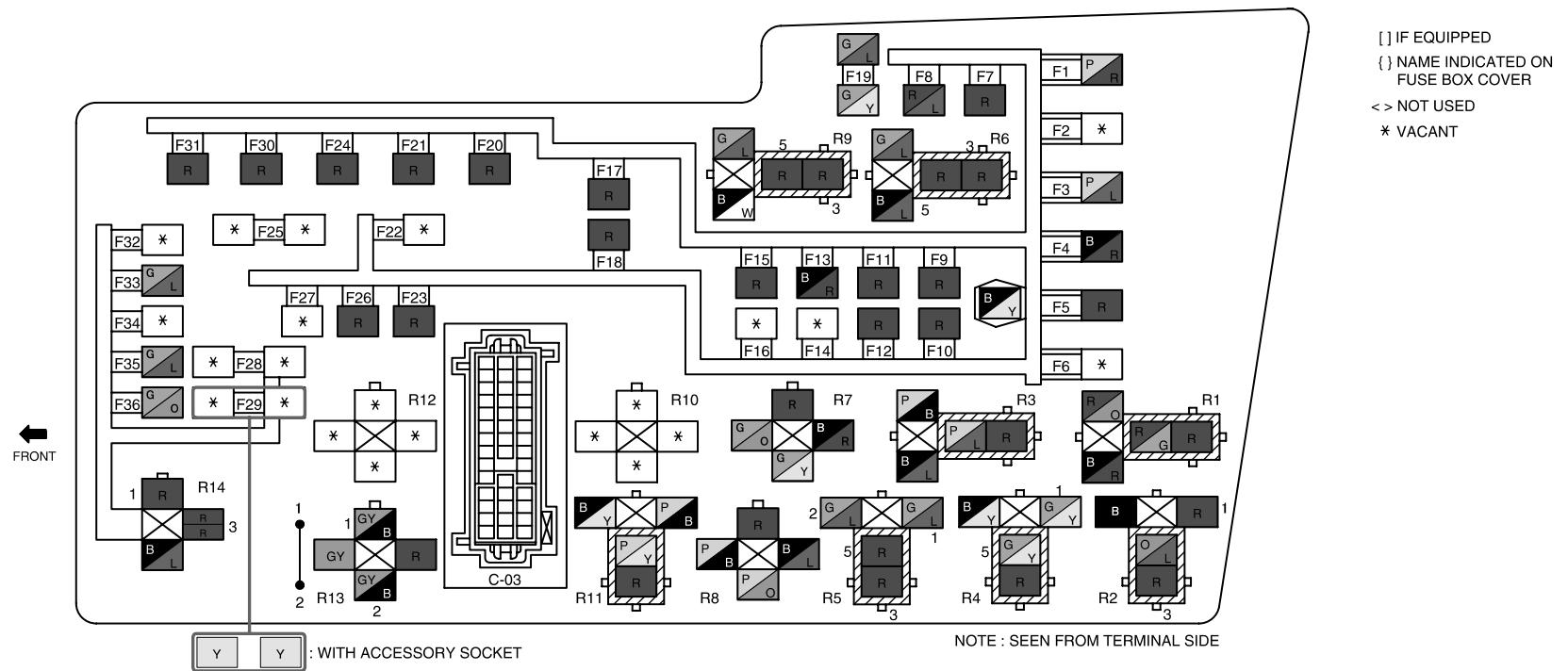
NO.	FUSE NAME	FUSE	NO.	FUSE NAME	FUSE
F1	FAN	40A	F19	ABS IG	10A
F2	[P/ST]	[80A]	F20	FOG	15A
F3	BTN	40A	F21	HORN	15A
F4	HEAD	40A	F22	<DRL>	<10A>
F5	<PTC>	<80A>	F23	[H/CLEAN]	[20A]
F6	<GLOW>	<60A>	F24	[F/PUMP]	[15A]
F7	ABS 1	30A	F25	[P/ST IG]	[10A]
F8	ABS 2	20A	F26	A/C MAG	10A
F9	ENGINE	30A	F27	[TCM]<ALT>	[15A]<10A>
F10	*	*	F28	<GLOW SIG>	<10A>
F11	IG KEY 1	30A	F29	[P_OUTLET]	[15A]
F12	STARTER	20A	F30	[ENG +B]	[10A]
F13	IG KEY 2	30A	F31	ROOM	15A
F14	<GLOW 1>	<30A>	F32	<ENG BAR 4>	<10A>
F15	HEATER	40A	F33	[ENG BAR 3]	[10A]
F16	<GLOW 2>	<30A>	F34	EGI INJ	10A
F17	DEFOG	40A	F35	ENG BAR 1	10A
F18	[AUDIO]	[30A]	F36	ENG BAR 2	10A

NO.	RELAY NAME	NO.	RELAY NAME
R1	FRONT FOG LIGHT RELAY {FOG}	R8	*
R2	HORN RELAY {HORN}	R9	HEADLIGHT CLEANER RELAY {H/CLEAN}
R3	REAR WINDOW DEFROSTER RELAY {DEFOG}	R10	BLOWER RELAY {HEATER}
R4	DRIVE-BY-WIRE RELAY {ETV}	R11	A/C RELAY {A/C}
R5	AT MAIN RELAY {AT} {F/WARM}	R12	* {GLOW}
R6	FUEL PUMP RELAY {CIRCUIT}	R13	STARTER RELAY {STARTER}
R7	* {R.WASH}	R14	MAIN RELAY {MAIN}

FUSE BOX (L3 Turbo)

00F-b

F-01 MAIN FUSE BLOCK



NO.	FUSE NAME	FUSE	NO.	FUSE NAME	FUSE
F1	FAN	70A	F19	ABS IG	10A
F2	*	*	F20	[FOG]	[15A]
F3	BTN	40A	F21	HORN	15A
F4	HEAD	40A	F22	<DRL>	<10A>
F5	F/PUMP	30A	F23	H/CLEAN	20A
F6	*	*	F24	ETC	10A
F7	ABS 1	30A	F25	*	*
F8	ABS 2	20A	F26	A/C MAG	10A
F9	ENGINE	30A	F27	*	*
F10	INJECTOR	30A	F28	*	*
F11	IG KEY 1	30A	F29	[P.OUTLET]	[15A]
F12	STARTER	20A	F30	ENG +B	10A
F13	IG KEY 2	30A	F31	ROOM	15A
F14	*	*	F32	<ENG BAR 4>	<10A>
F15	HEATER	40A	F33	ENG BAR 3	10A
F16	*	*	F34	*	*
F17	DEFOG	40A	F35	ENG BAR 1	15A
F18	[AUDIO]	[30A]	F36	ENG BAR 2	10A

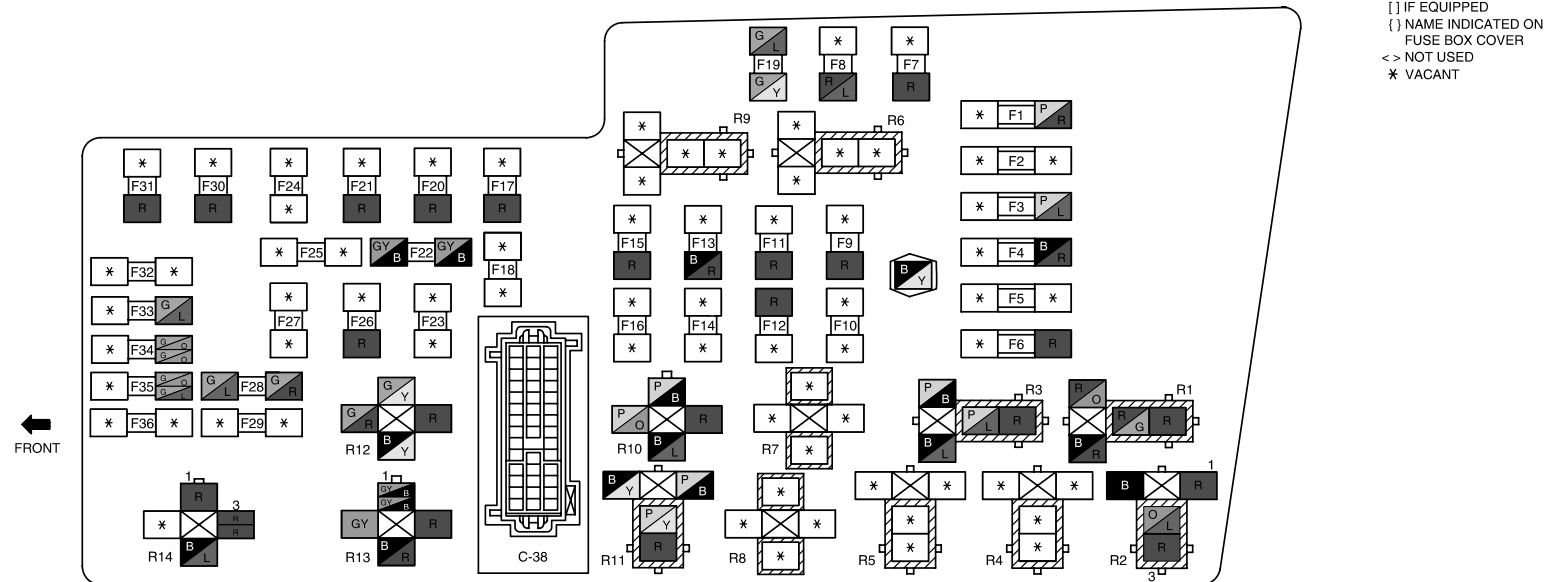
NO.	RELAY NAME	NO.	RELAY NAME
R1	FRONT FOG LIGHT RELAY {FOG}	R8	BLOWER RELAY {HEATER}
R2	HORN RELAY {HORN}	R9	FUEL PUMP SPEED CONTROL RELAY {F/PUMP 2}
R3	REAR WINDOW DEFROSTER RELAY {DEFOG}	R10	* {DRL}
R4	DRIVE-BY-WIRE RELAY {ETV}	R11	A/C RELAY {A/C}
R5	FUEL INJECTOR RELAY {INJECTOR}	R12	* {R.WASH}
R6	FUEL PUMP RELAY {CIRCUIT}	R13	STARTER RELAY {STARTER}
R7	HEADLIGHT CLEANER RELAY {H/CLEAN}	R14	MAIN RELAY {MAIN}



# FUSE BOX (MZR-CD (RF Turbo))

00F-c

F-01 MAIN FUSE BLOCK



NOTE:SEEN FROM TERMINAL SIDE

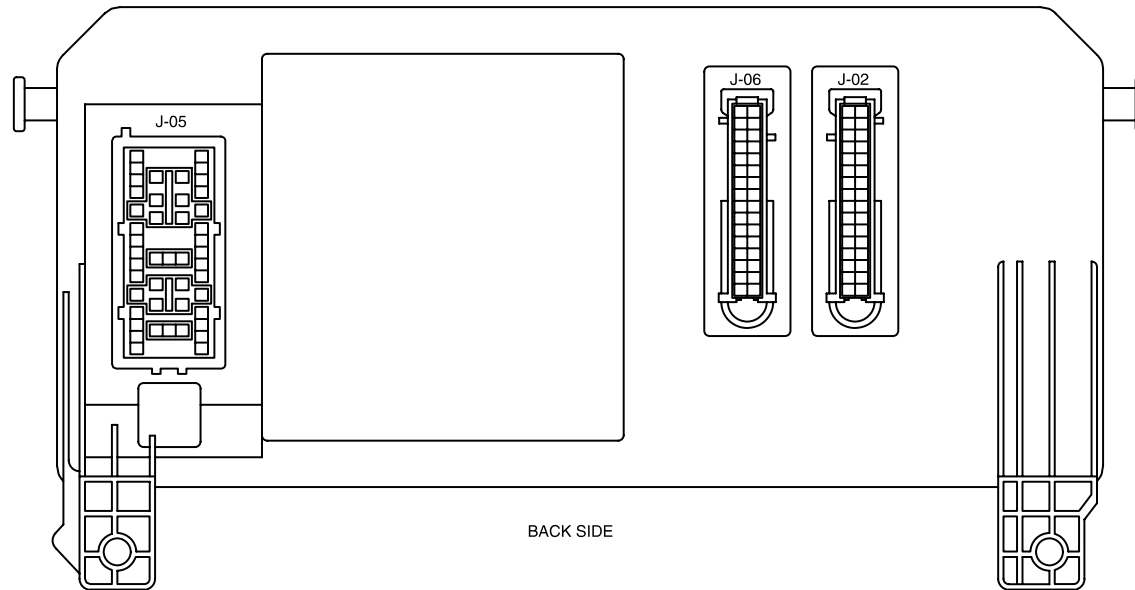
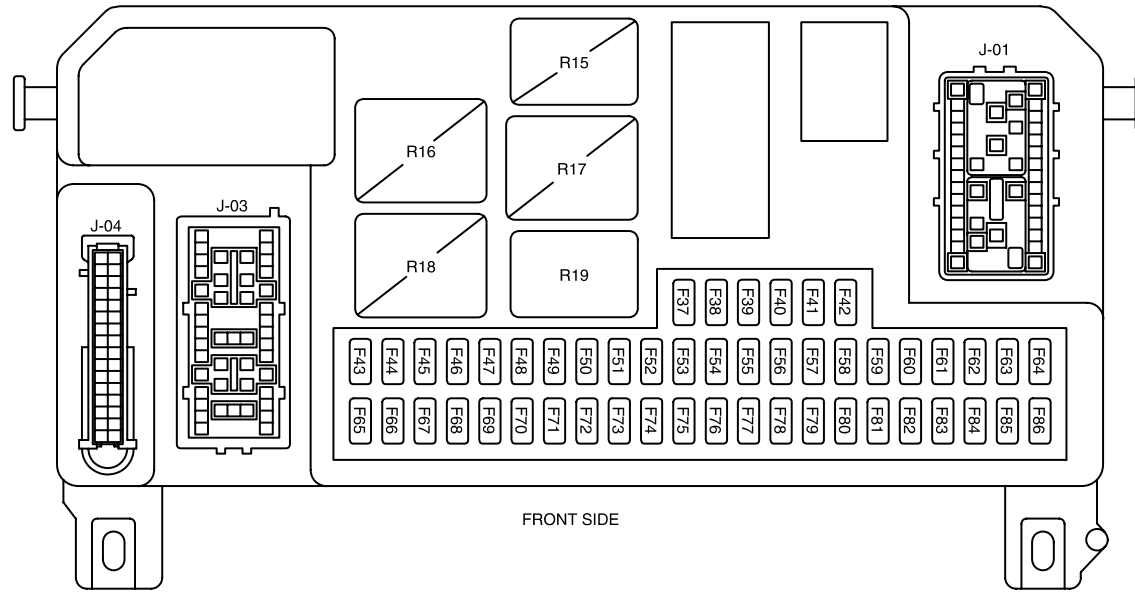
NO.	FUSE NAME	FUSE	NO.	FUSE NAME	FUSE
F1	FAN	60A	F19	ABS IG	10A
F2	*	*	F20	FOG	15A
F3	BTN	40A	F21	HORN	15A
F4	HEAD	40A	F22	ST SIG	10A
F5	*	*	F23	<H/CLEAN>	<20A>
F6	GLOW	40A	F24	<W/HEAT>	<20A>
F7	ABS 1	30A	F25	*	*
F8	ABS 2	20A	F26	A/C MAG	10A
F9	ENGINE	30A	F27	*	*
F10	<F/WARM>	<20A>	F28	GLOW SIG	10A
F11	IG KEY 1	30A	F29	<P.OUTLET>	<15A>
F12	STARTER	20A	F30	ENG BAR 2	10A
F13	IG KEY 2	30A	F31	ROOM	15A
F14	*	*	F32	*	*
F15	HEATER	40A	F33	ENG BAR 3	10A
F16	*	*	F34	EGI INJ	15A
F17	DEFOG	40A	F35	ENG BAR 1	10A
F18	<AUDIO>	<30A>	F36	*	*

NO.	RELAY NAME	NO.	RELAY NAME
R1	FRONT FOG LIGHT RELAY {FOG}	R8	*
R2	HORN RELAY {HORN}	R9	* {H/CLEAN}}
R3	REAR WINDOW DEFROSTER RELAY {DEFOG}	R10	BLOWER RELAY {HEATER}
R4	*	R11	A/C RELAY {A/C}
R5	*	R12	GLOW RELAY {GLOW}
R6	*	R13	STARTER RELAY {STARTER}
R7	*	R14	PCM CONTROL RELAY {MAIN}

# INTERCONNECTING DIAGRAM OF PASSENGER JUNCTION BOX (PJB)

00J-1

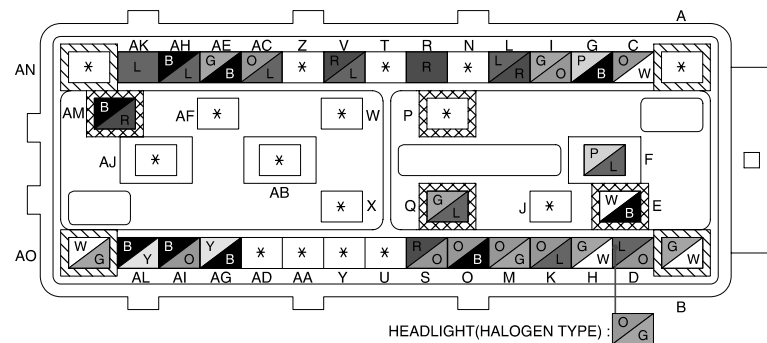
22



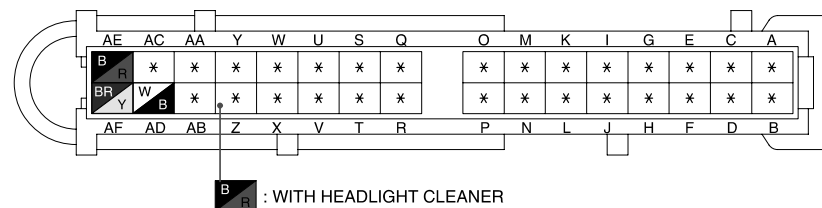
[ ] IF EQUIPPED  
# RELAY BUILT INTO PJB \* VACANT

NO.	FUSE NAME	FUSE	NO.	FUSE NAME	FUSE
F37	[D/LOCK 2]	15A	F62	*	*
F38	STOP LAMP/HORN	10A	F63	*	*
F39	HEAD HIGH L	10A	F64	*	*
F40	HEAD HIGH R	10A	F65	SAS	10A
F41	*	*	F66	METER	10A
F42	*	*	F67	IGNITION	20A
F43	CIGAR	15A	F68	WIPER	20A
F44	RADIO	7.5A	F69	ENGINE	20A
F45	[MIRROR]	10A	F70	[IG SIG]	10A
F46	TAIL R	7.5A	F71	<SAS 2>	7.5A
F47	OBD	10A	F72	*	*
F48	*	*	F73	*	*
F49	<TR/LOCK>	20A	F74	<SEAT WARM>	20A
F50	*	*	F75	[D/LOCK 1]	25A
F51	*	*	F76	A/C	10A
F52	[SUN ROOF]	20A	F77	[P/WIND L]	30A
F53	WASHER	20A	F78	[P/WIND R]	30A
F54	*	*	F79	BACK	10A
F55	[P/WIND R]	30A	F80	[SUN ROOF]	7.5A
F56	<P/WIND L>	30A	F81	TAIL L	7.5A
F57	<ALARM>	7.5A	F82	ILLUMI	7.5A
F58	<M/DEF>	7.5A	F83	*	*
F59	*	*	F84	*	*
F60	HEAD LOW R	15A	F85	*	*
F61	HEAD LOW L	15A	F86	*	*

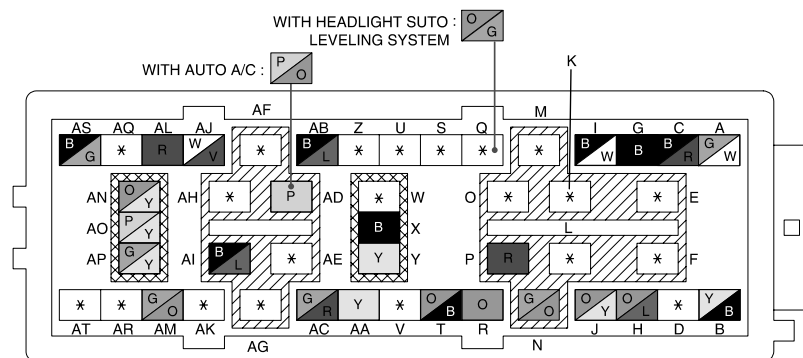
NO.	RELAY NAME	NO.	RELAY NAME
R15	*	#R25	FRONT WIPER LOW RELAY
R16	*	#R26	FRONT WIPER HIGH RELAY
R17	*	#R27	HEADLIGHT HIGH RELAY
R18	*	#R28	TNS RELAY
R19	<RUNNING LIGHT RELAY>	#R29	*
R20	*	#R30	DOUBLE LOCK RELAY
R21	*	#R31	DOOR UNLOCK RELAY
#R22	<TRUNK LID OPENER RELAY>	#R32	DOOR LOCK RELAY
#R23	HEADLIGHT LOW RELAY	#R33	REAR WIPER RELAY
#R24	SHIFT-LOCK RELAY	#R34	<REAR FOG LIGHT RELAY>



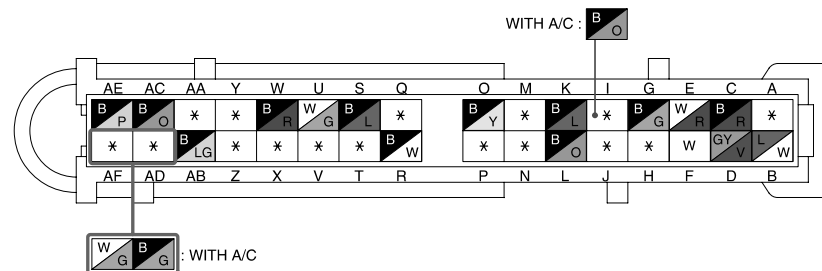
## J-02 FRONT HARNESS



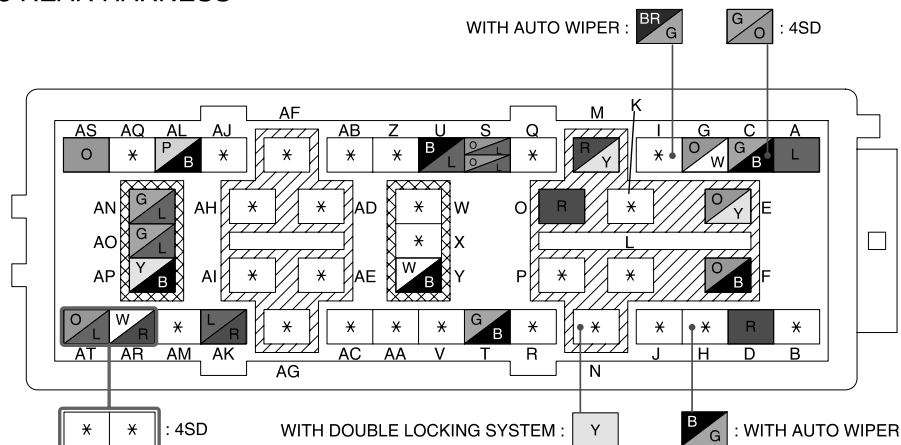
## J-03 INSTRUMENT PANEL HARNESS



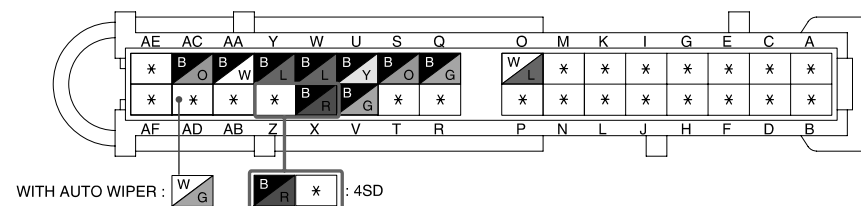
J-04 INSTRUMENT PANEL HARNESS



## J-05 REAR HARNESS



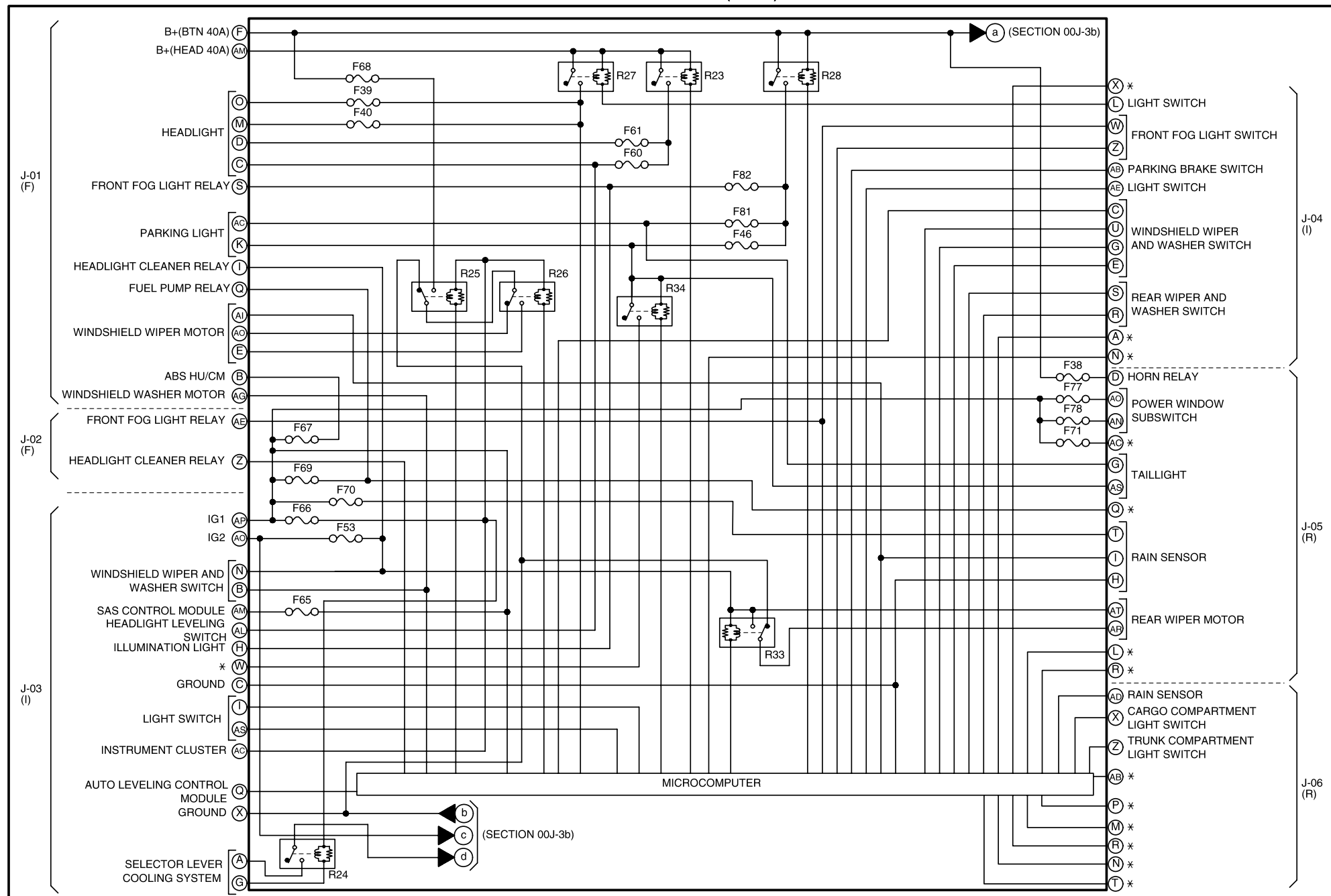
J-06 REAR HARNESS



# INTERCONNECTING DIAGRAM OF PASSENGER JUNCTION BOX (PJB)

00J-3a

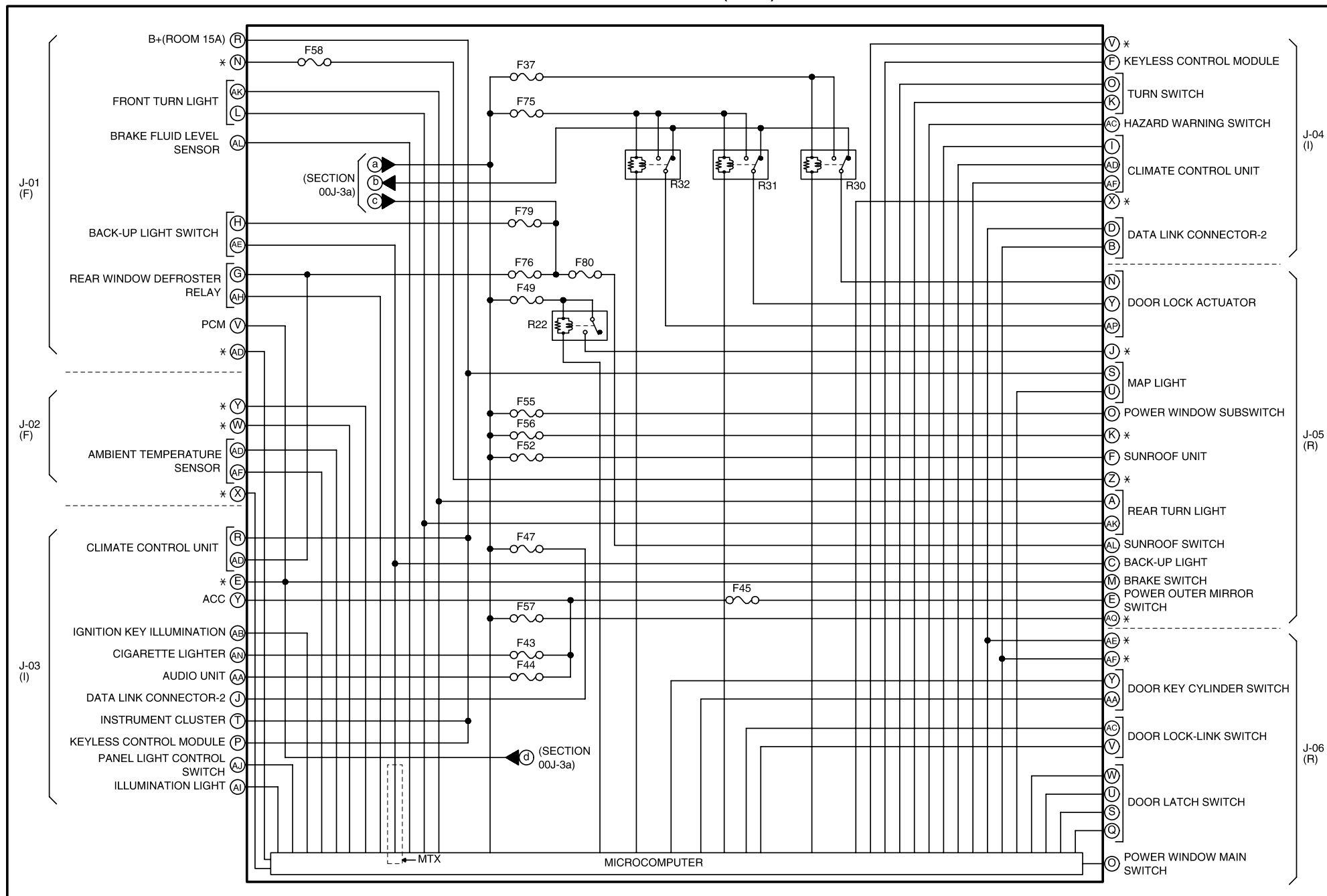
24



# INTERCONNECTING DIAGRAM OF PASSENGER JUNCTION BOX (PJB)

00J-3b

25

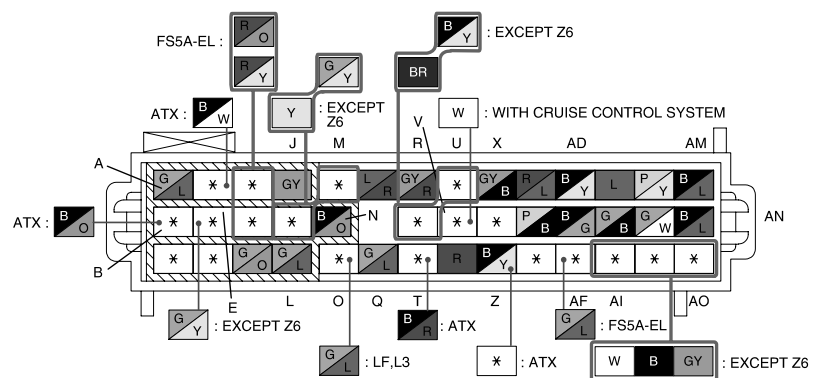


The diagram shows a 2D array with two rows and four columns. The columns are labeled 'G' and 'E' above them. The first two columns are grouped by a bracket on the left. A 2x2 subarray is highlighted with a dashed border. The elements of the array are as follows:

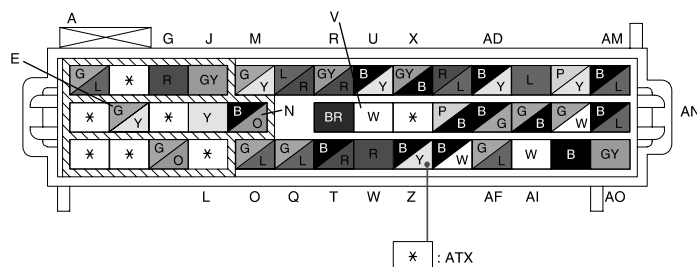
	G	E
Row 1	R	R
Row 2	B	R

The highlighted 2x2 subarray contains the elements: R (top-left), R (top-right), B (bottom-left), and R (bottom-right).

## FRONT HARNESS

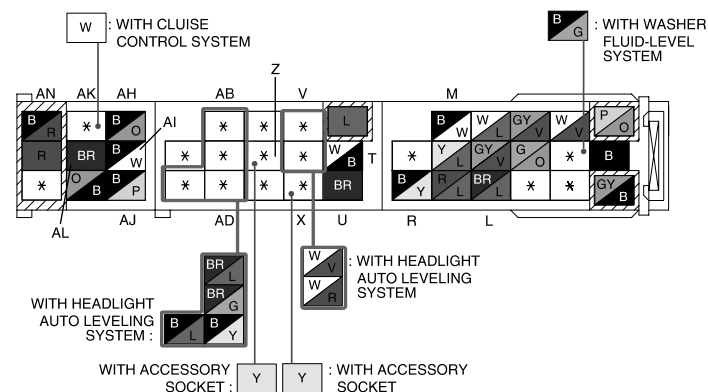
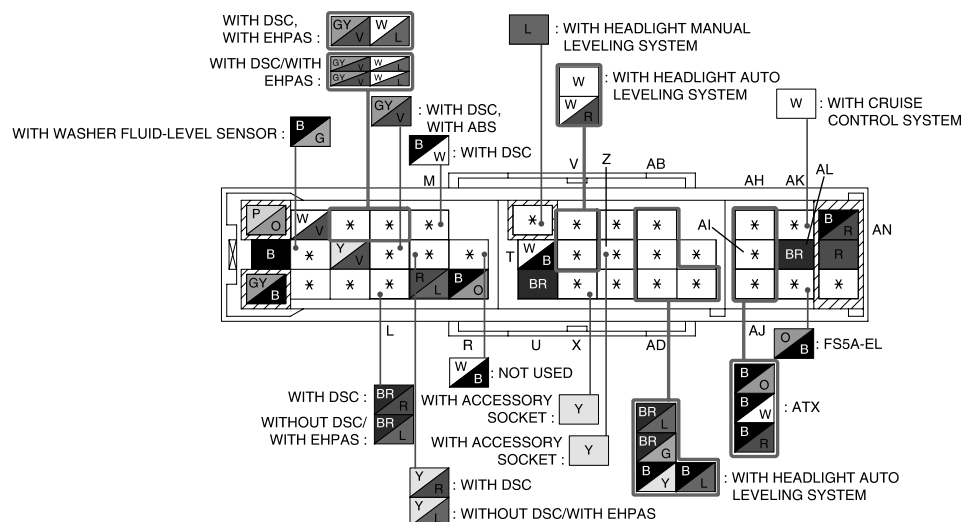
[illegible]

## FRONT HARNESS



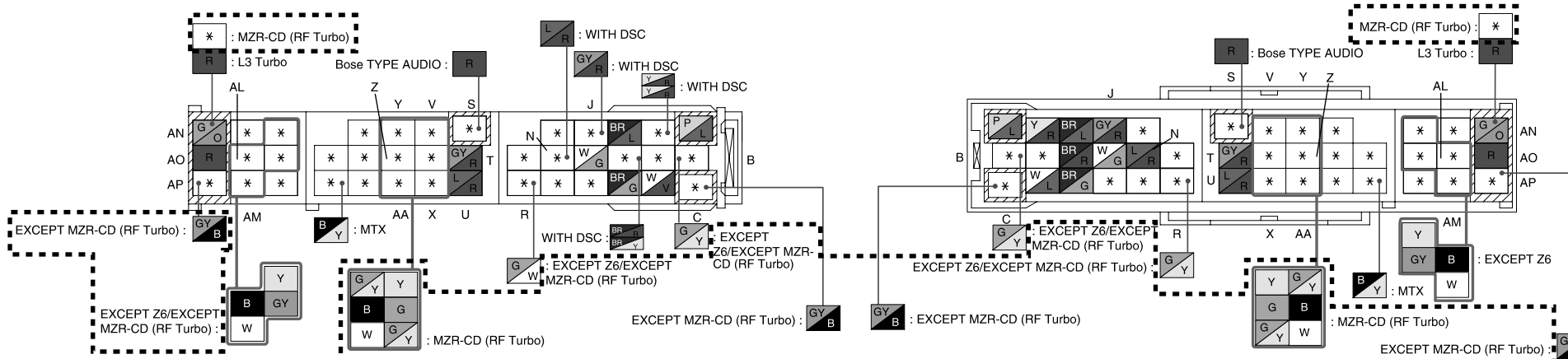
## C-04 FRONT HARNESS-INSTRUMENT PANEL HARNESS

## INSTRUMENT PANEL HARNESS



## FRONT HARNESS

## REAR HARNESS

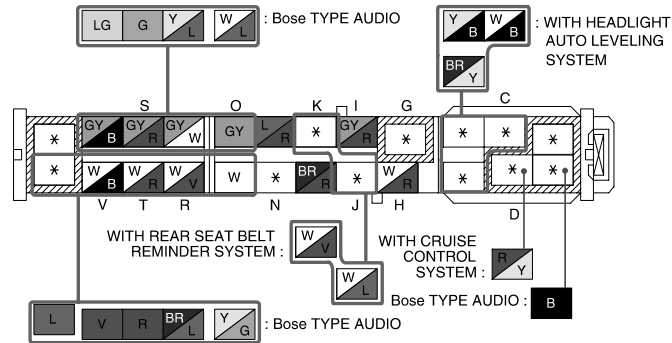


# COMMON CONNECTOR LIST

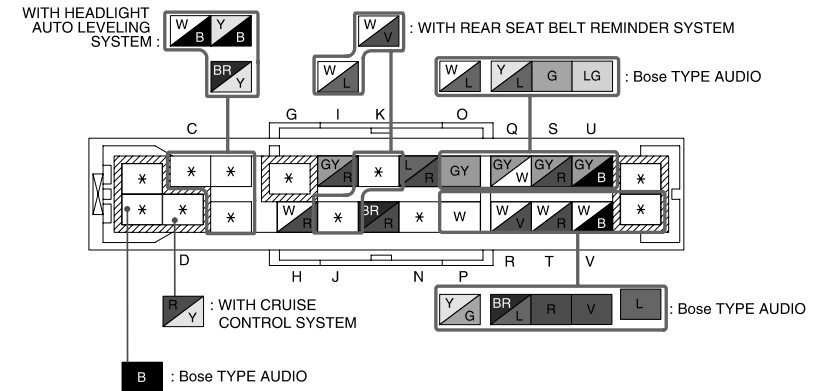
00C-3

## C-06 INSTRUMENT PANEL HARNESS-REAR HARNESS

### INSTRUMENT PANEL HARNESS

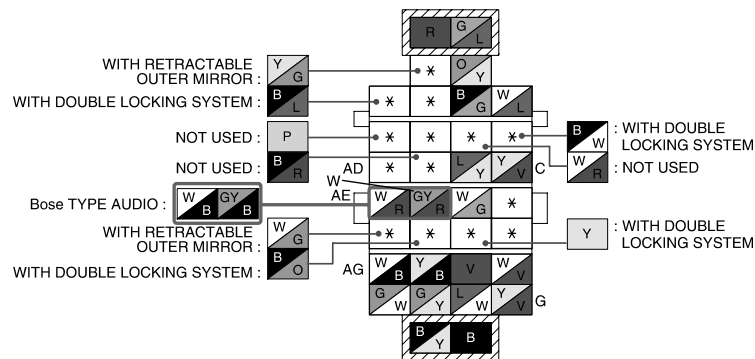


### REAR HARNESS

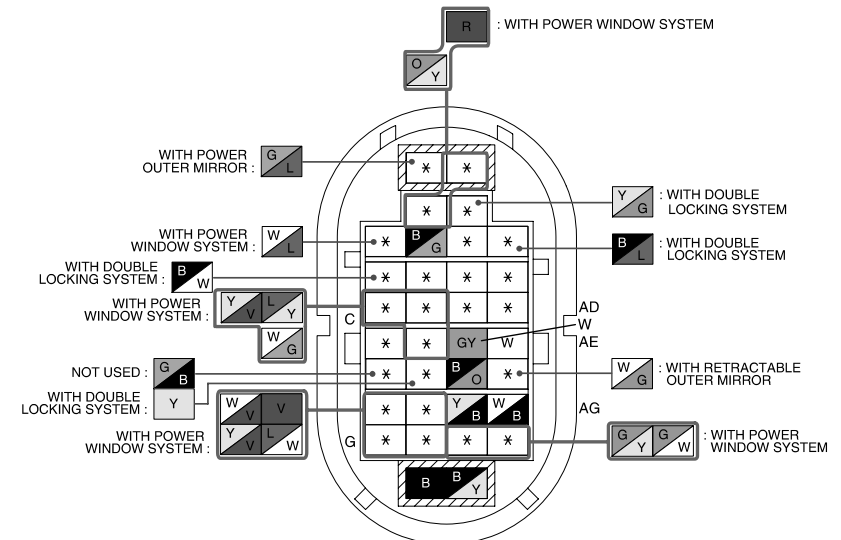


## C-07 REAR HARNESS-DOOR NO.1 HARNESS

### REAR HARNESS



### DOOR NO.1 HARNESS

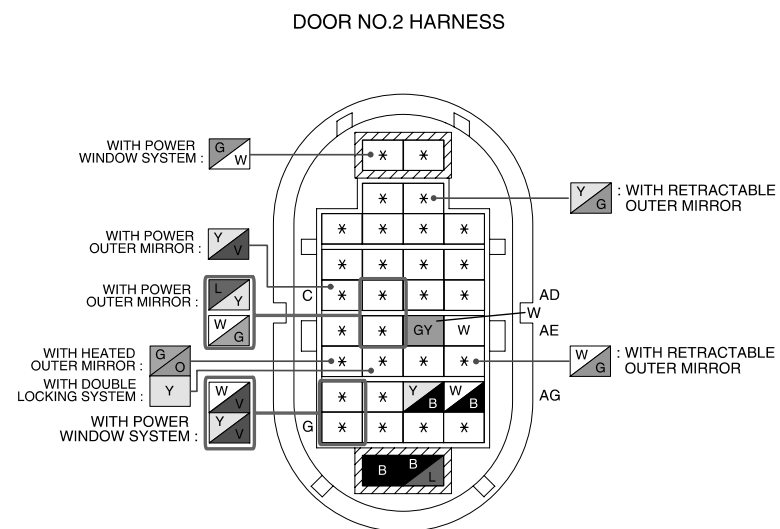
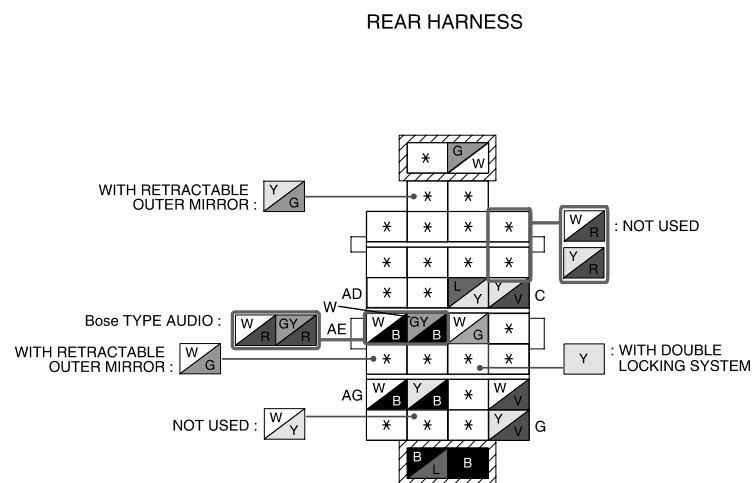




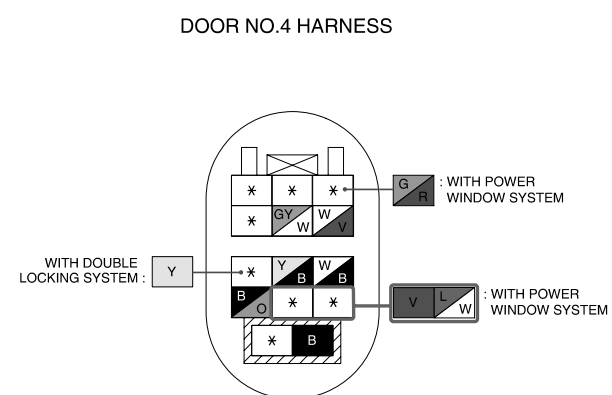
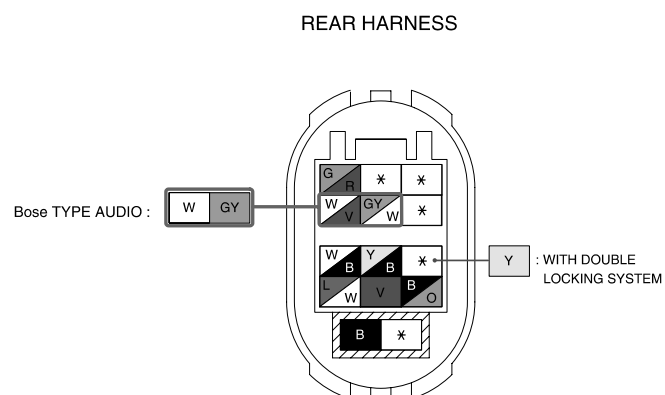
# COMMON CONNECTOR LIST

00C-4

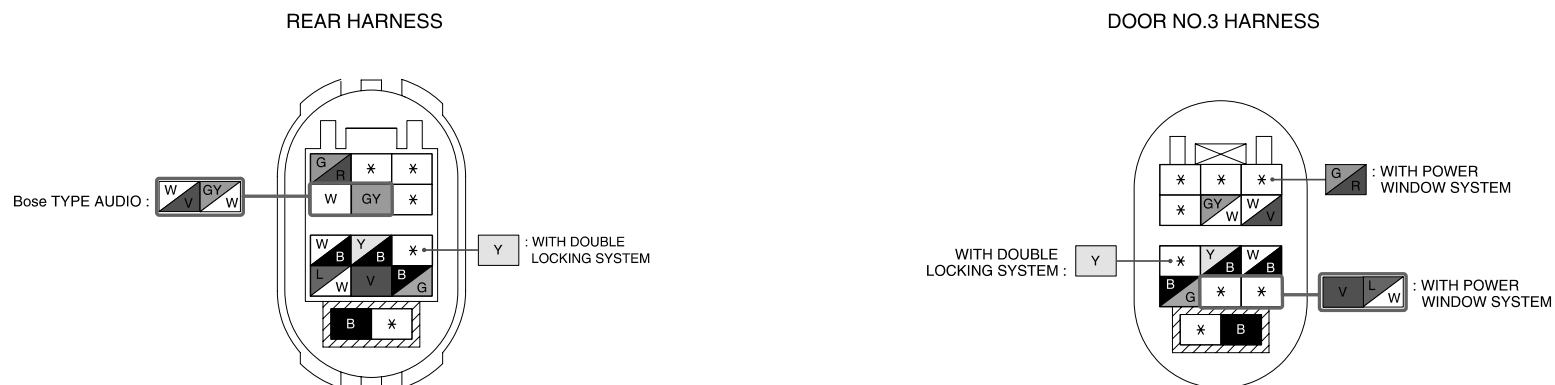
C-08  
REAR HARNESS-DOOR NO.2 HARNESS



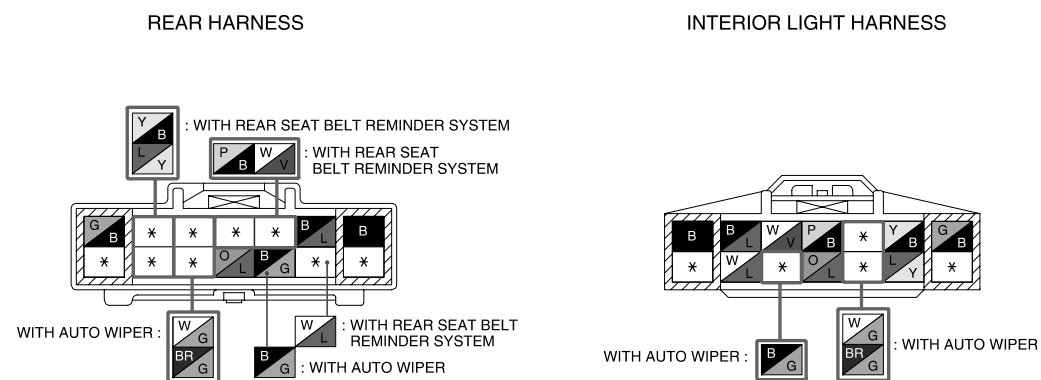
C-09  
REAR HARNESS-DOOR NO.4 HARNESS



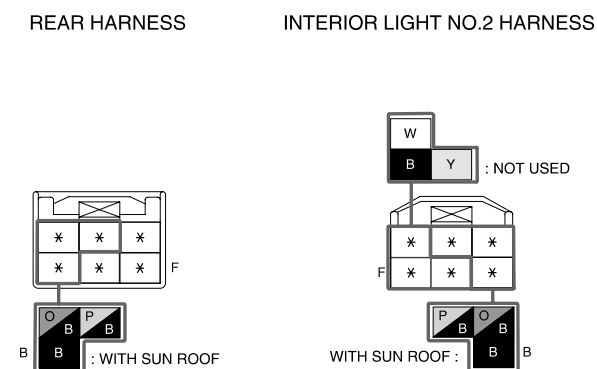
C-10  
REAR HARNESS-DOOR NO.3 HARNESS



C-11  
REAR HARNESS-INTERIOR LIGHT HARNESS

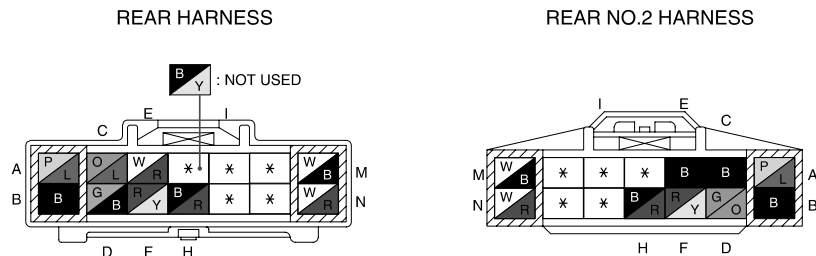


C-12  
REAR HARNESS-INTERIOR LIGHT NO.2 HARNESS

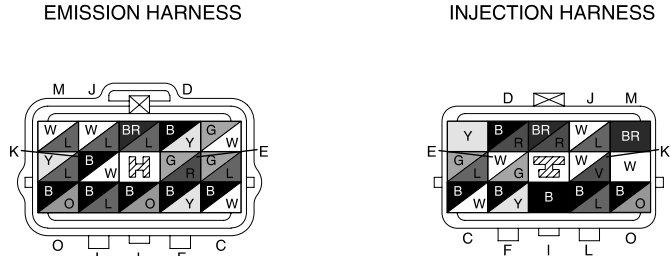


COMMON CONNECTOR LIST

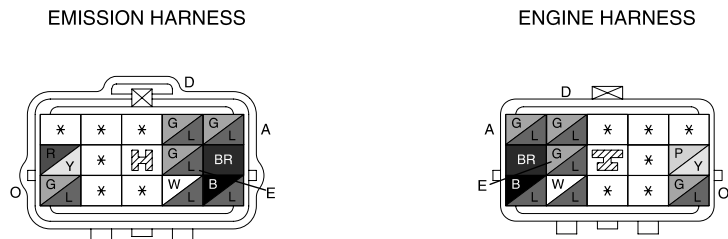
C-13  
REAR HARNESS-REAR NO.2 HARNESS



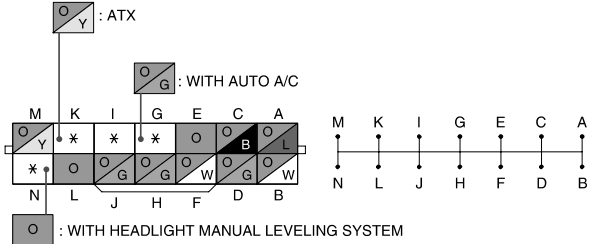
C-14  
EMISSION HARNESS-INJECTION HARNESS



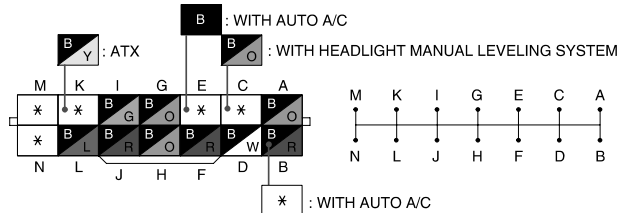
C-16  
EMISSION HARNESS-ENGINE HARNESS



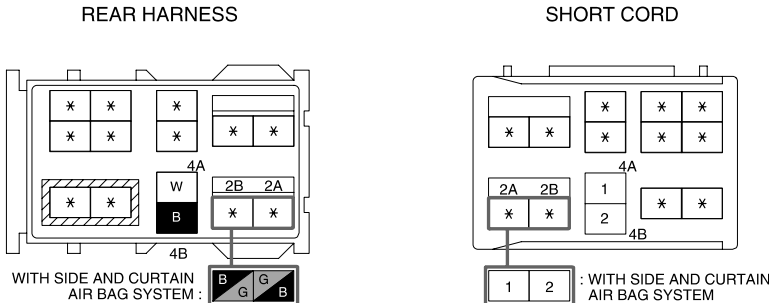
C-17  
JOINT CONNECTOR



C-18  
JOINT CONNECTOR



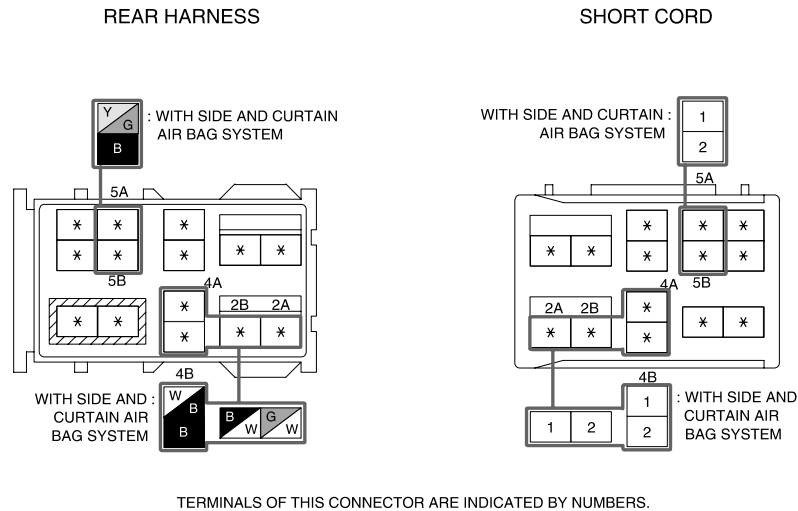
C-19  
REAR HARNESS-SHORT CORD



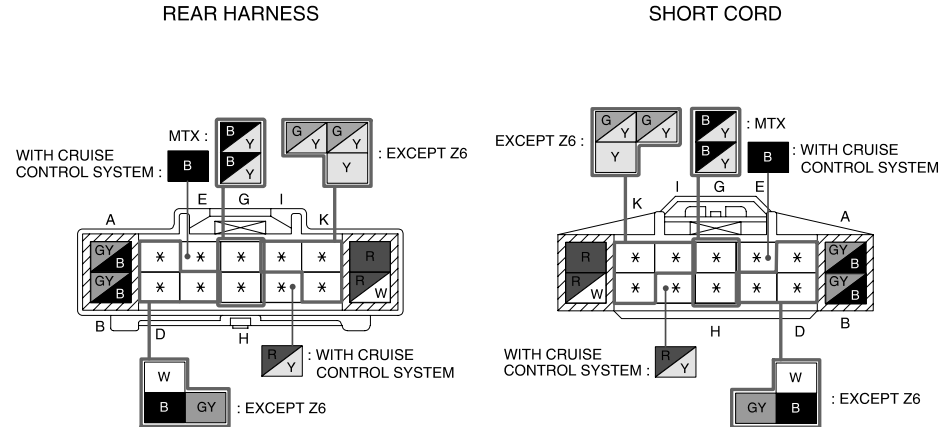
TERMINALS OF THIS CONNECTOR ARE INDICATED BY NUMBERS.

COMMON CONNECTOR LIST

C-20  
REAR HARNESS-SHORT CORD



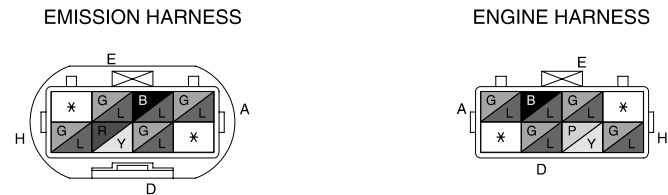
C-21  
REAR HARNESS-SHORT CORD



C-26  
EMISSION HARNESS-SHORT CORD



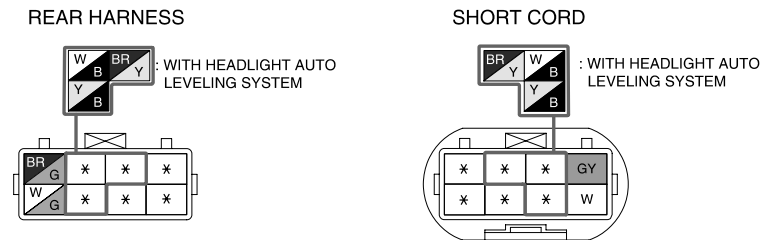
C-25  
EMISSION HARNESS-ENGINE HARNESS



C-32  
SHORT CONNECTOR

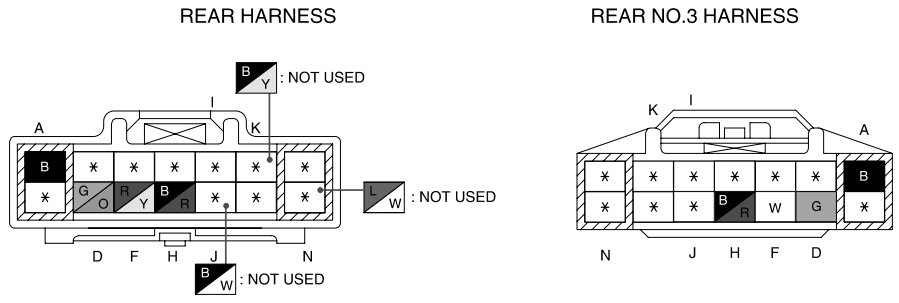


C-31  
REAR HARNESS-SHORT CORD



COMMON CONNECTOR LIST

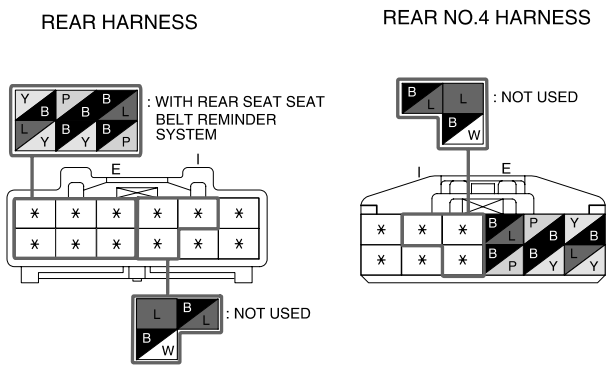
C-33  
REAR HARNESS-REAR NO.3 HARNESS



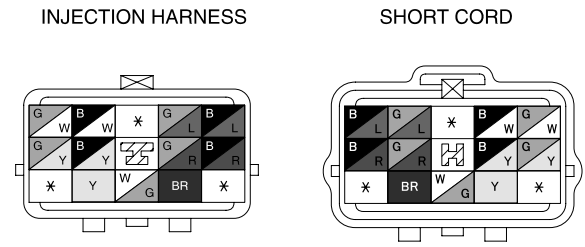
C-34  
REAR HARNESS-SHORT CORD



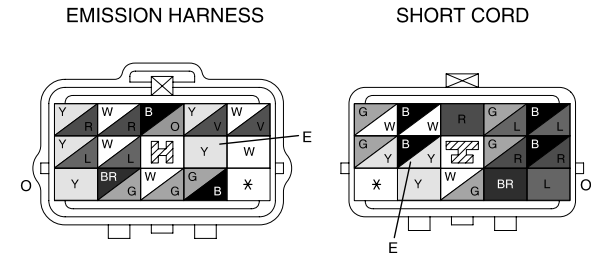
C-35  
REAR HARNESS-REAR NO.4 HARNESS



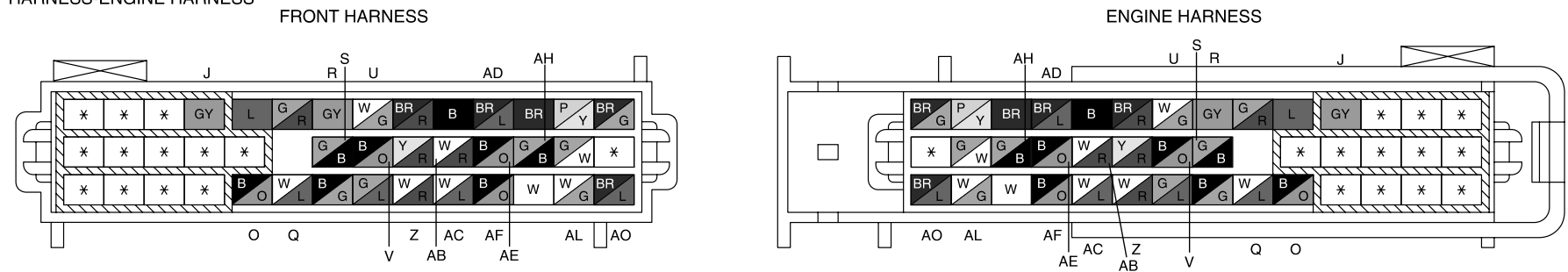
C-36  
INJECTION HARNESS-SHORT CORD



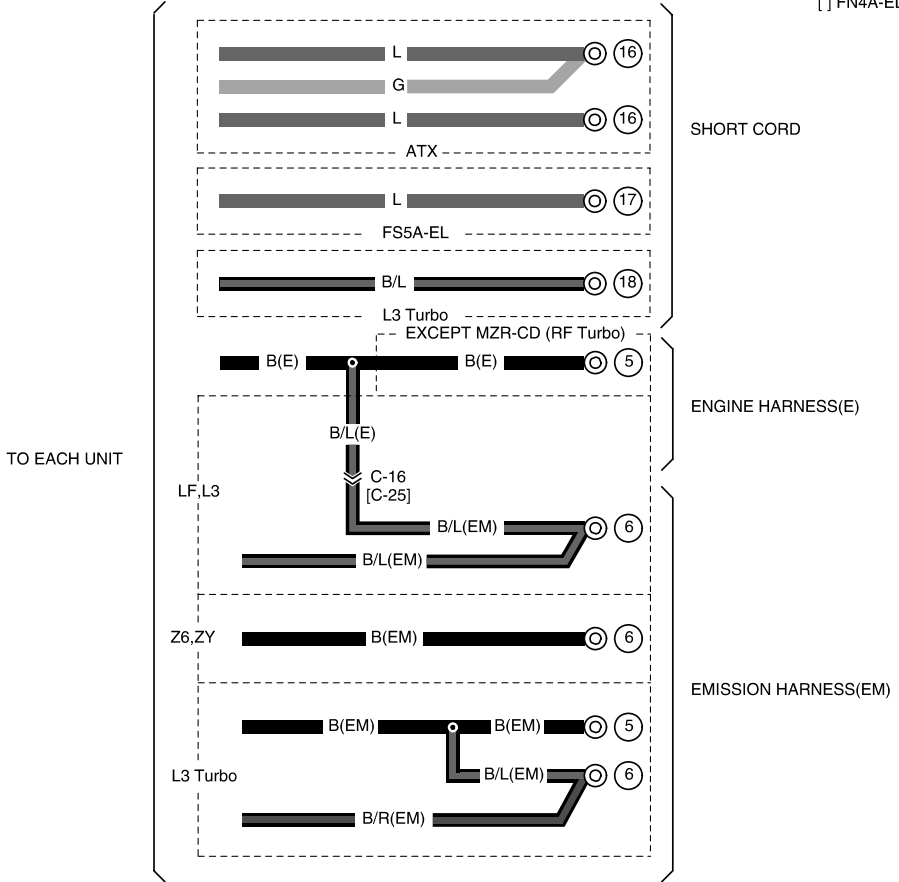
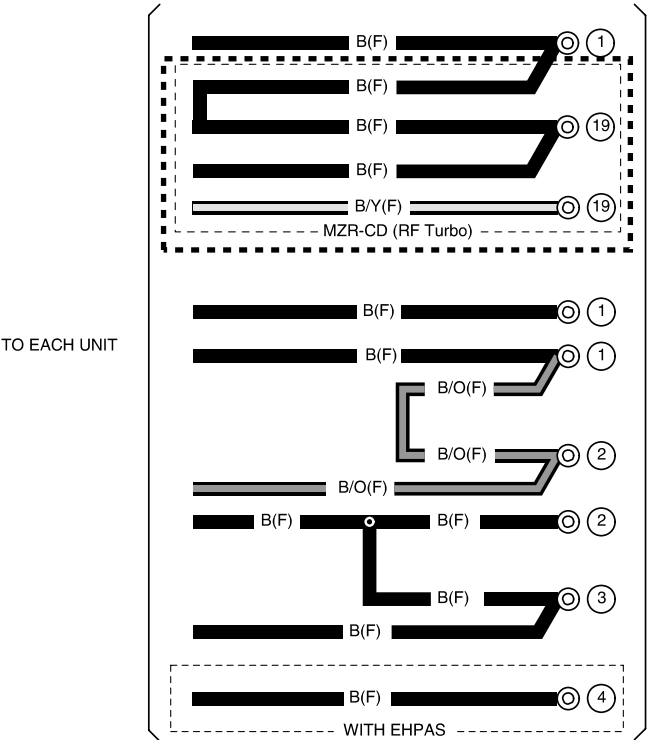
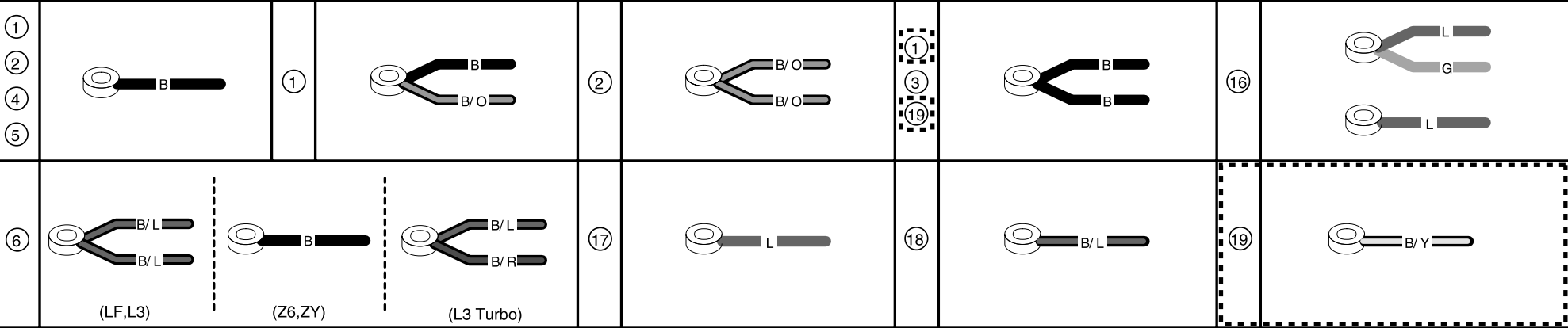
C-37  
EMISSION HARNESS-SHORT CORD

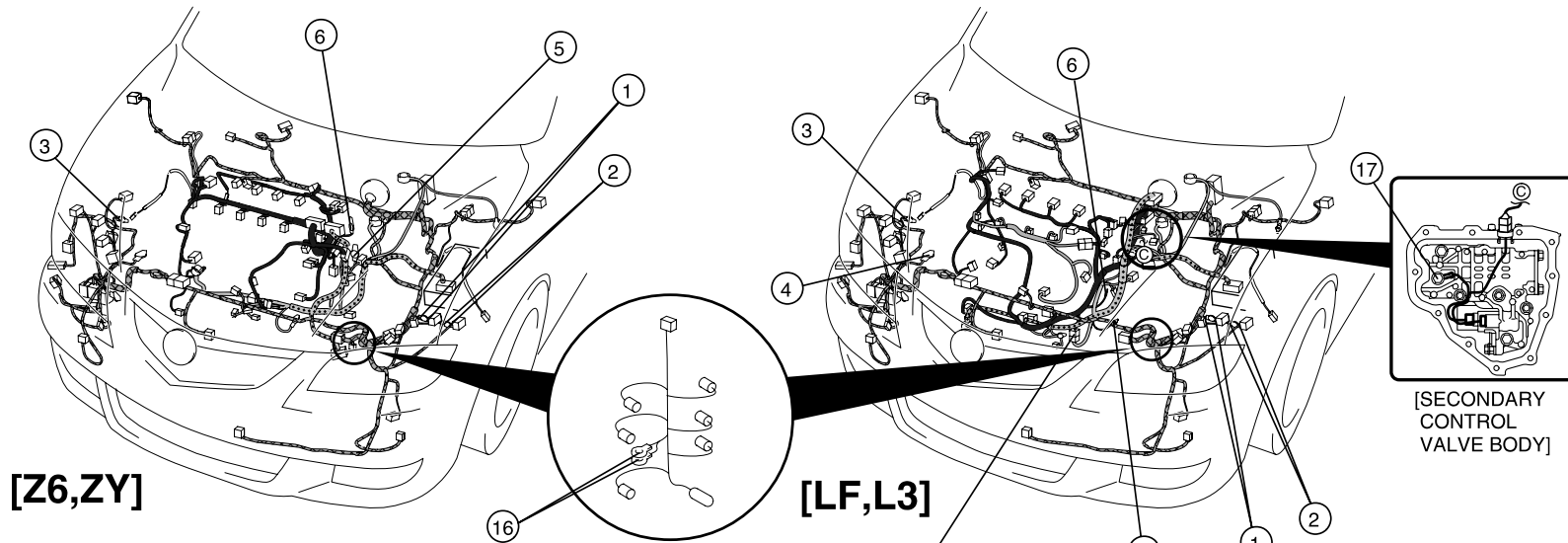


C-38  
FRONT HARNESS-ENGINE HARNESS

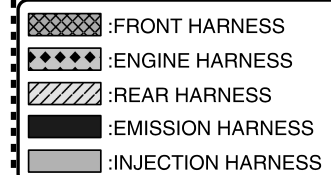
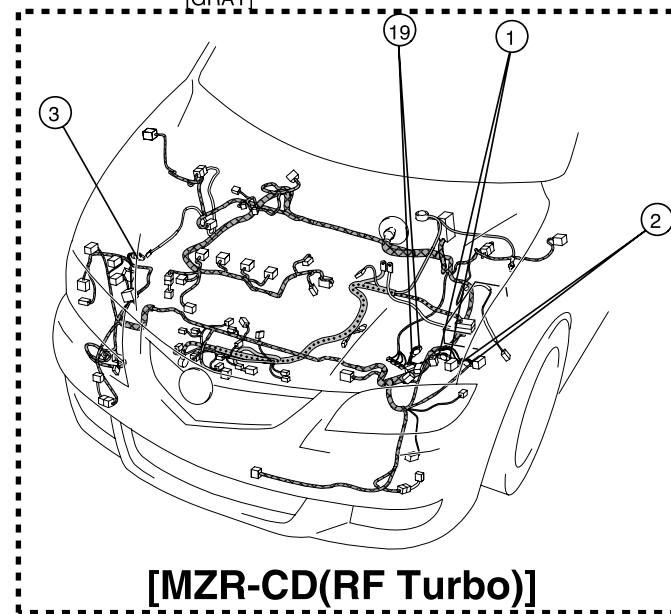
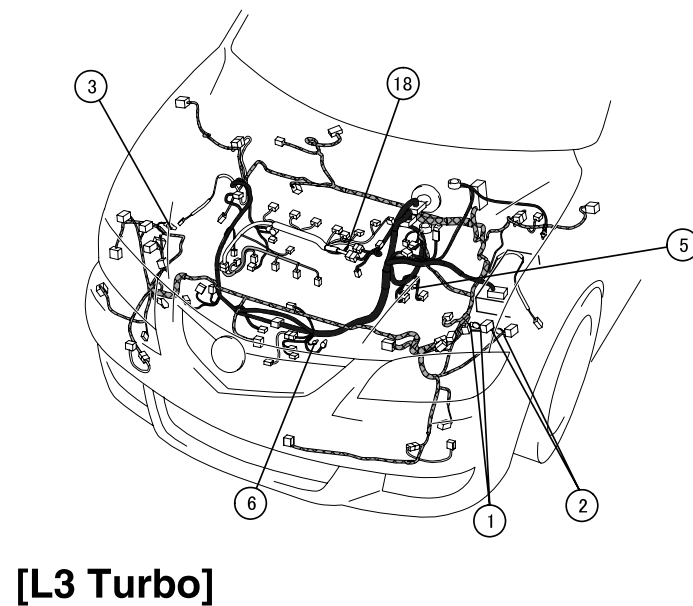


GROUND POINT





C-16 ← EXCEPT FN4A-EL  
 C-25 ← FN4A-EL  
 (EM)-(E)  
 [GRAY]



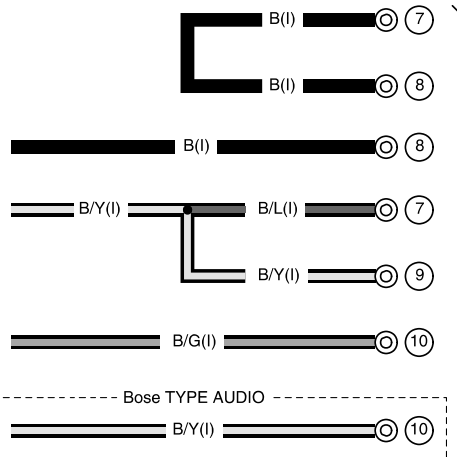
# GROUND POINT

00G-b

7							
8							
12							
13							
14							
15							
11							
12							
13							
14							

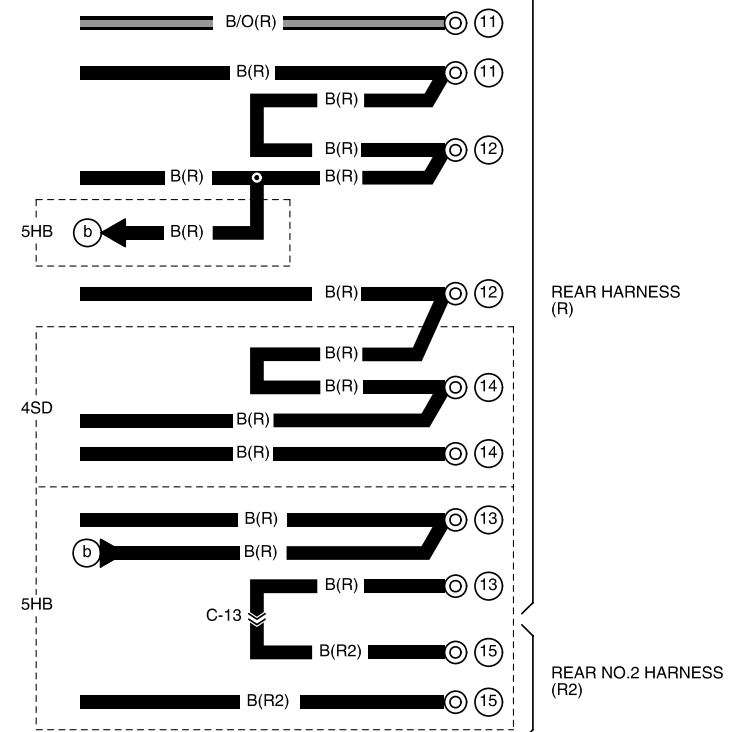
36

TO EACH UNIT



INSTRUMENT PANEL HARNESS (I)

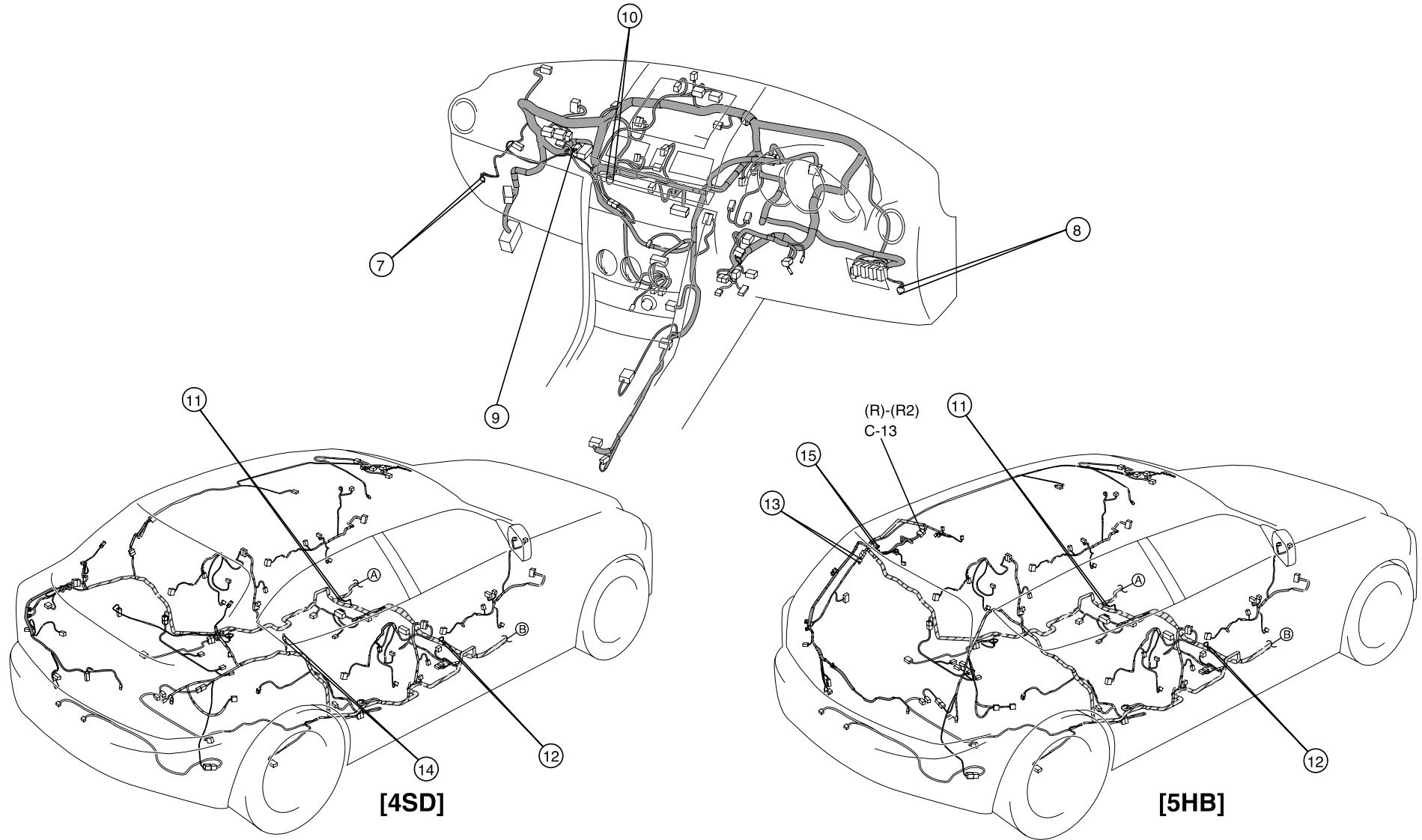
TO EACH UNIT



REAR HARNESS (R)

REAR NO.2 HARNESS (R2)

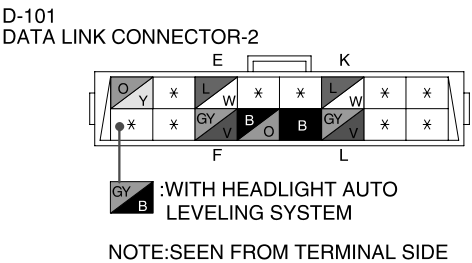
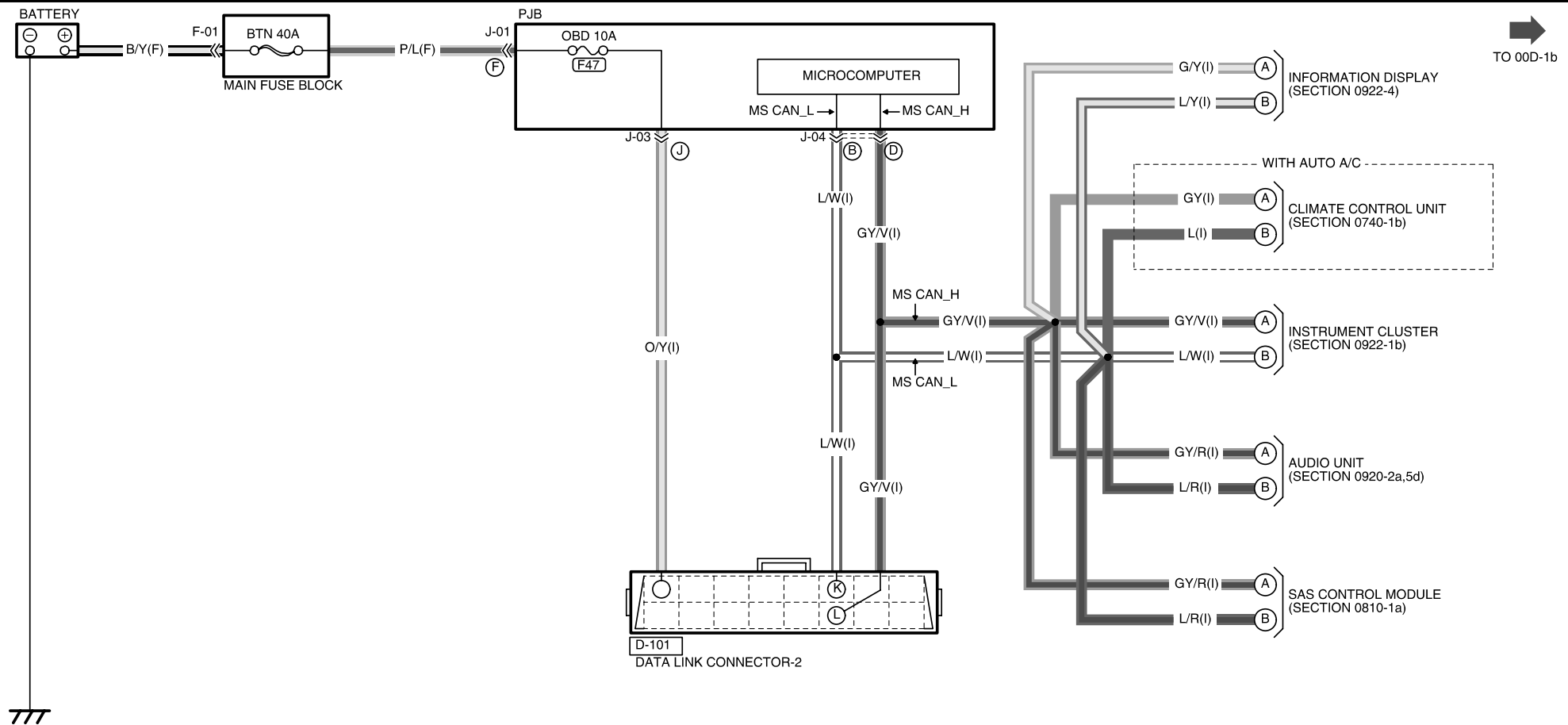


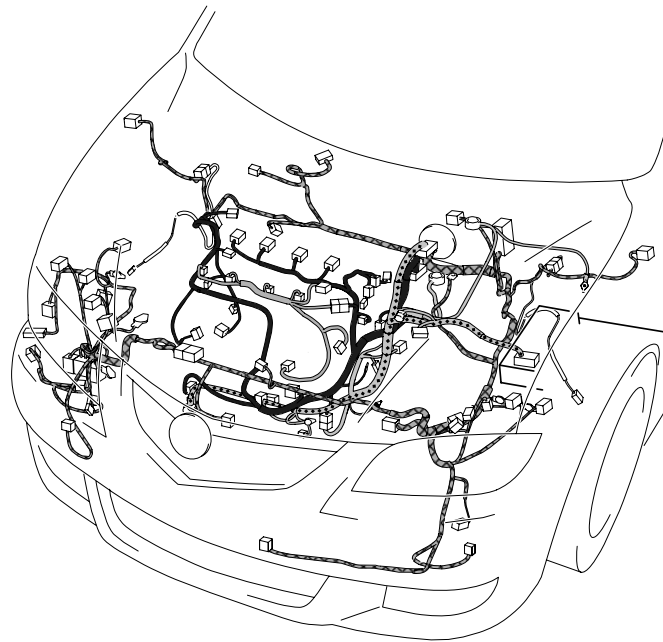


- : REAR HARNESS  
 : REAR NO.2,3,4 HARNESS  
 : INSTRUMENT PANEL HARNESS  
 : DOOR HARNESS  
 : INTERIOR LIGHT HARNESS

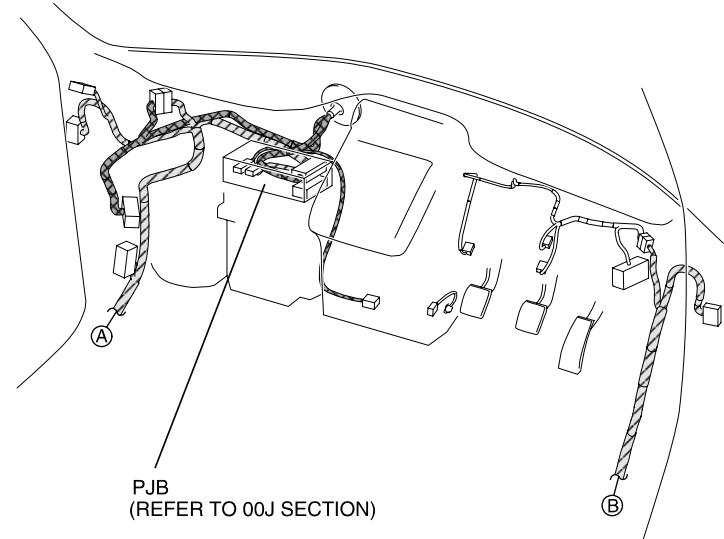
DATA LINK CONNECTOR

00D-1a

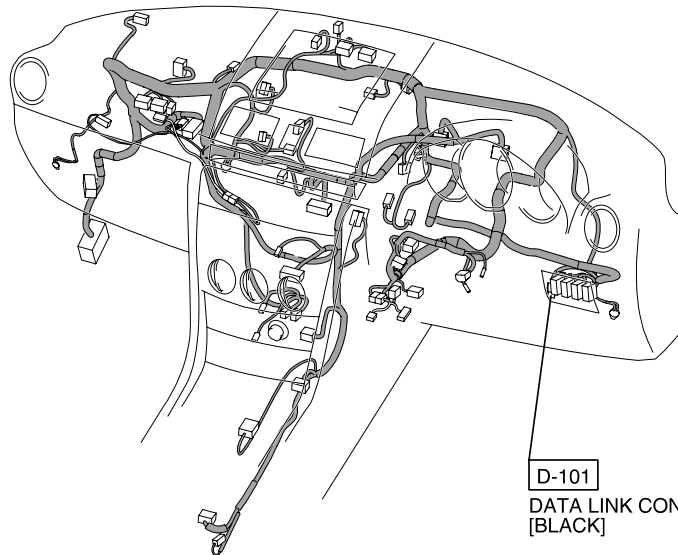




F-01  
MAIN FUSE BLOCK  
(REFER TO 00F SECTION)

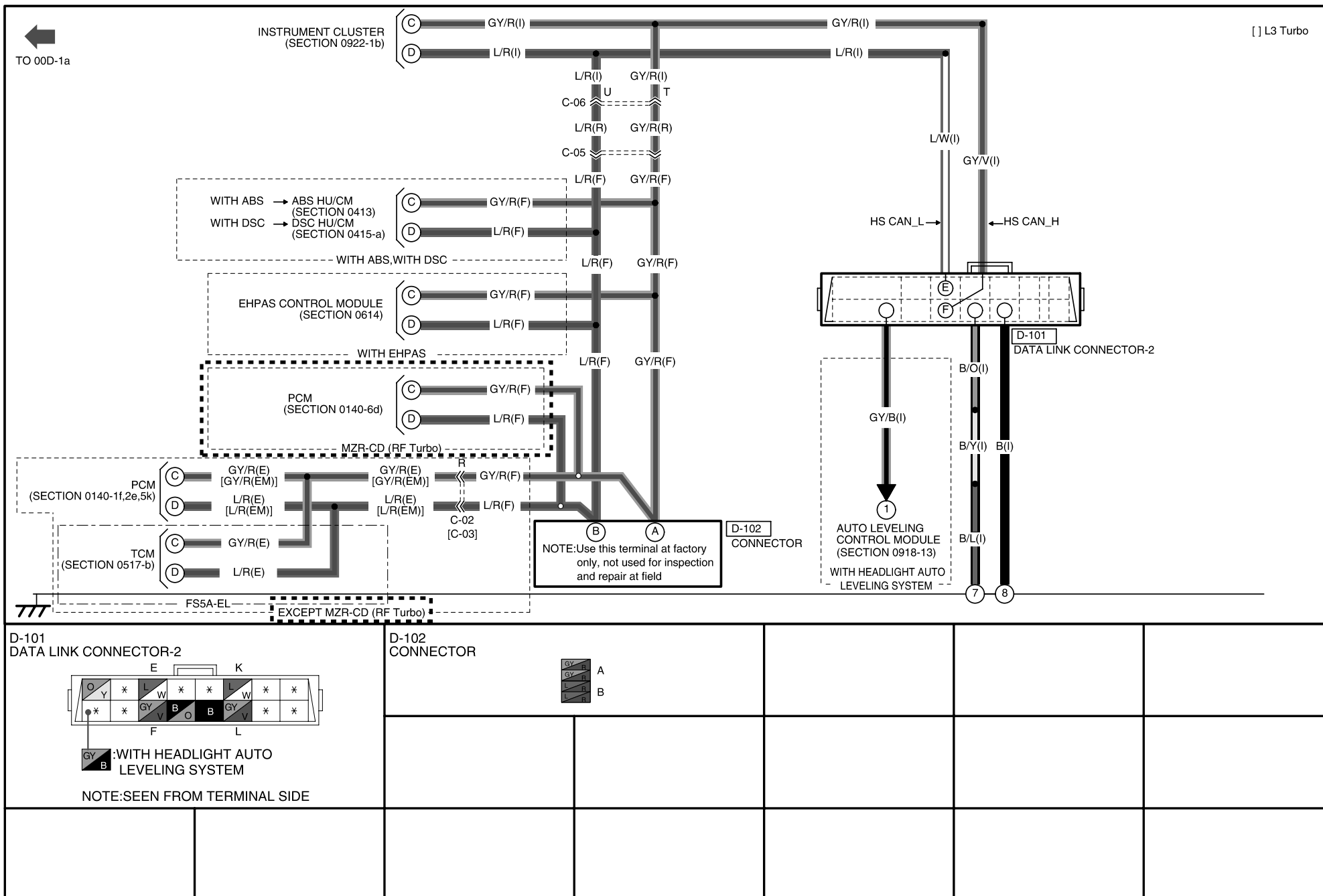


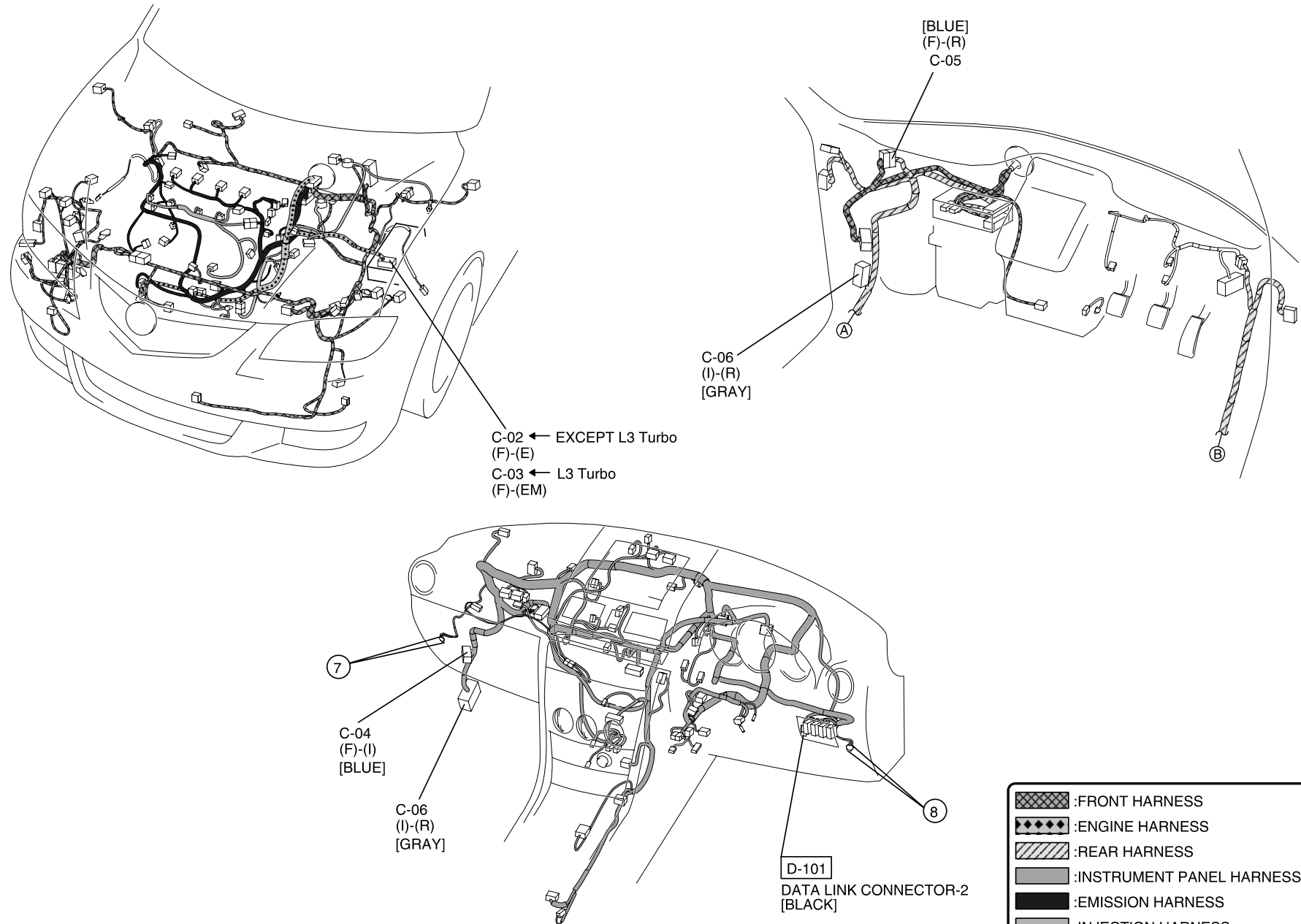
PJB  
(REFER TO 00J SECTION)

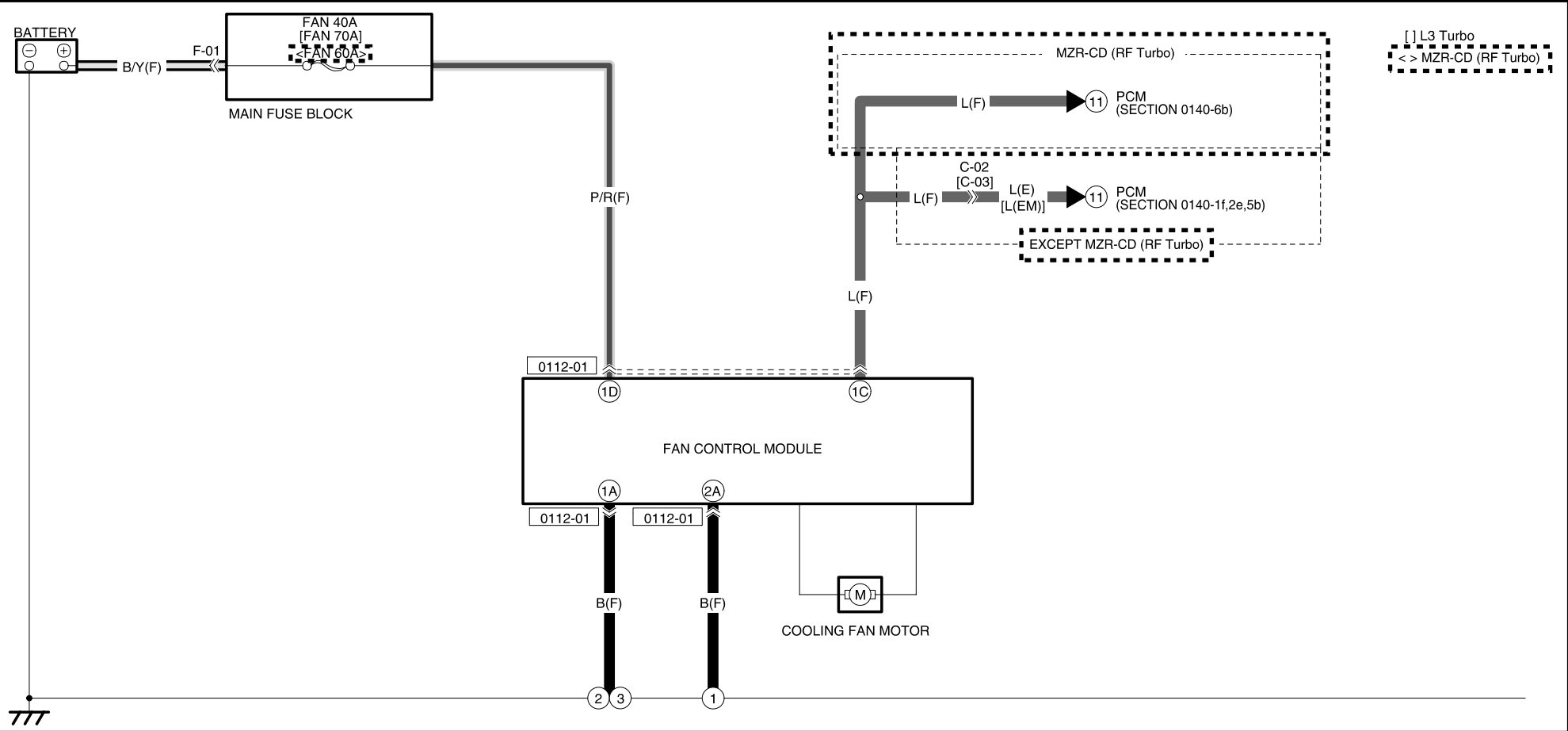


D-101  
DATA LINK CONNECTOR-2  
[BLACK]

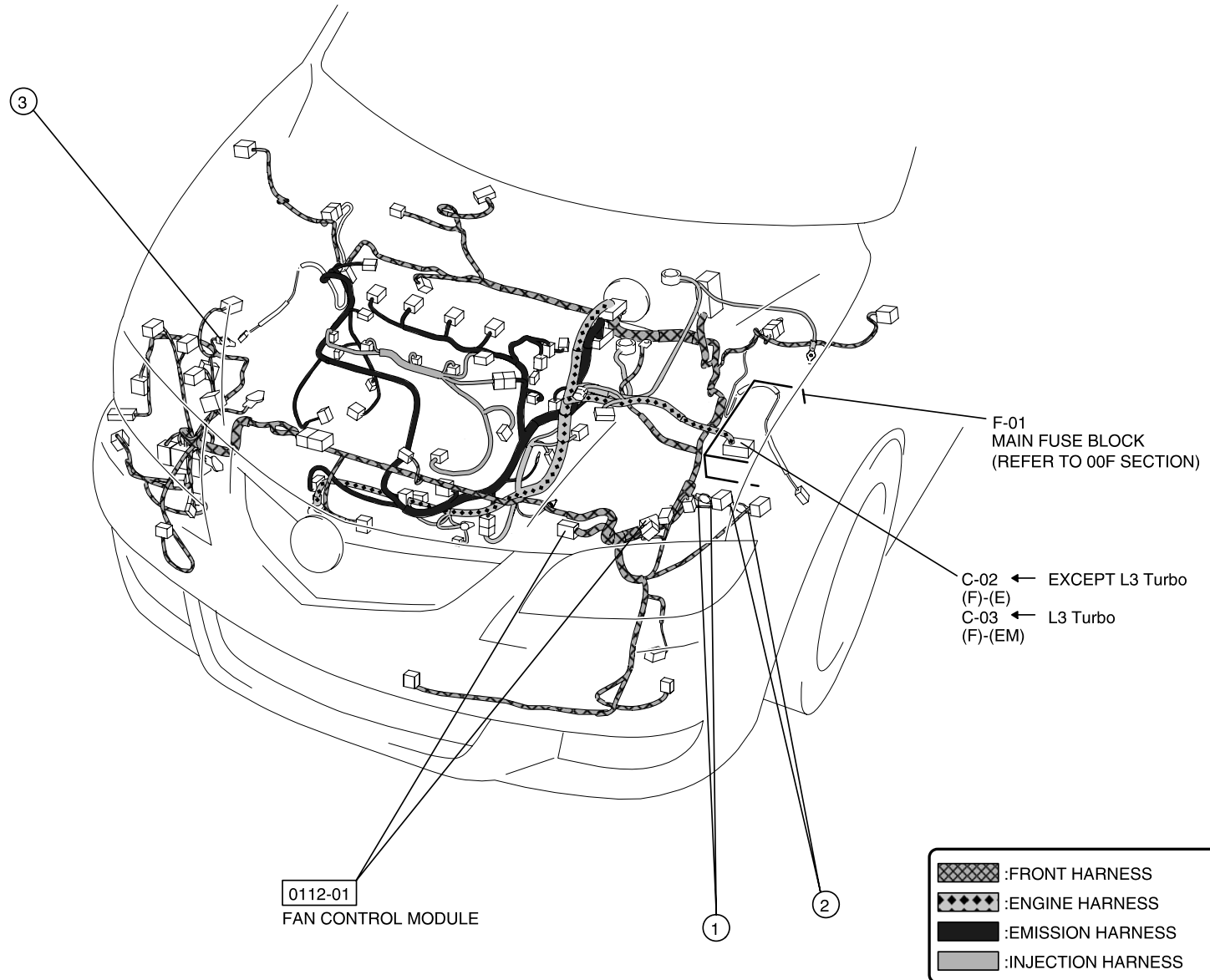
	:FRONT HARNESS
	:ENGINE HARNESS
	:REAR HARNESS
	:INSTRUMENT PANEL HARNESS
	:EMISSION HARNESS
	:INJECTION HARNESS





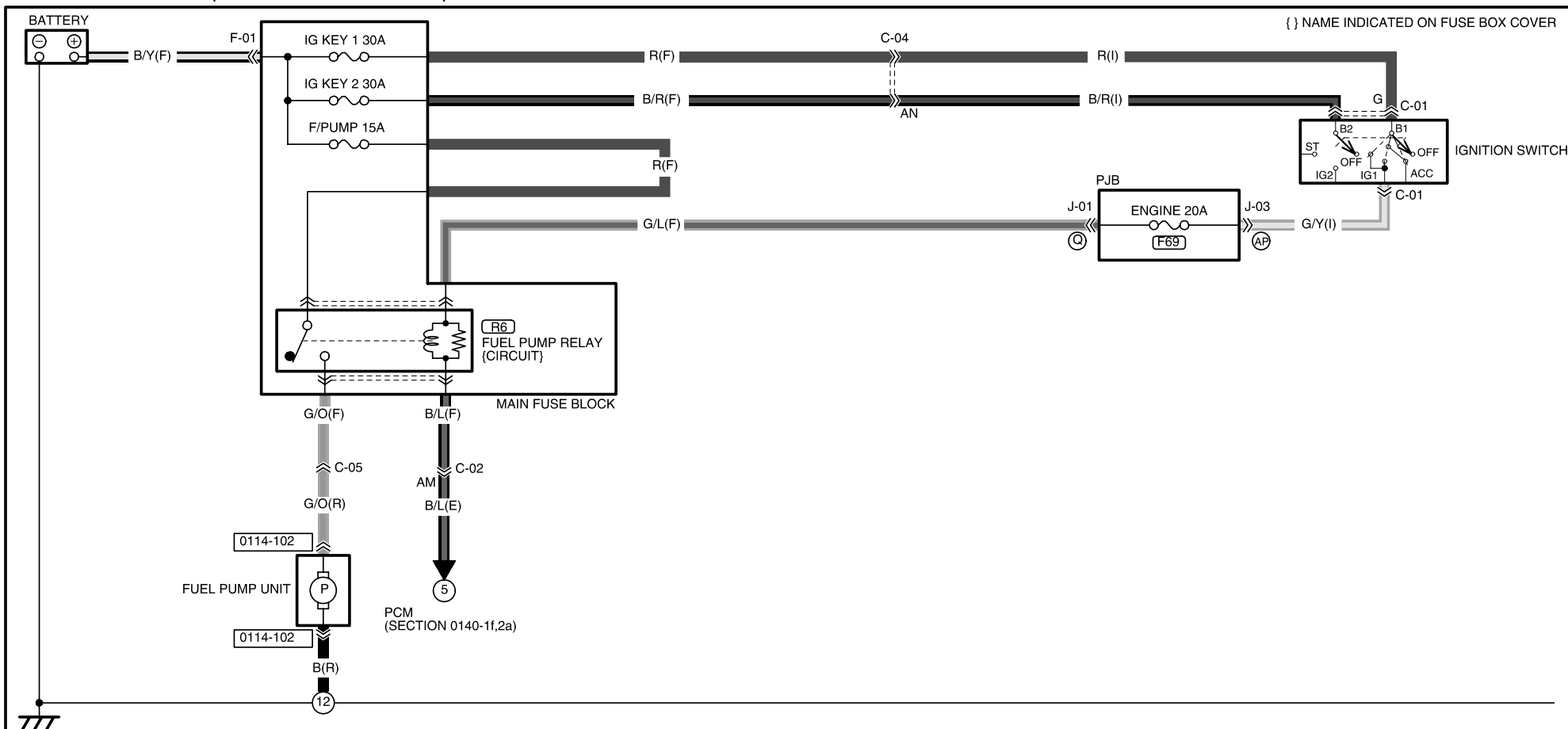


0112-01 FAN CONTROL MODULE					

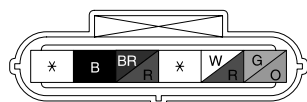


# FUEL SYSTEM (EXCEPT L3 Turbo)

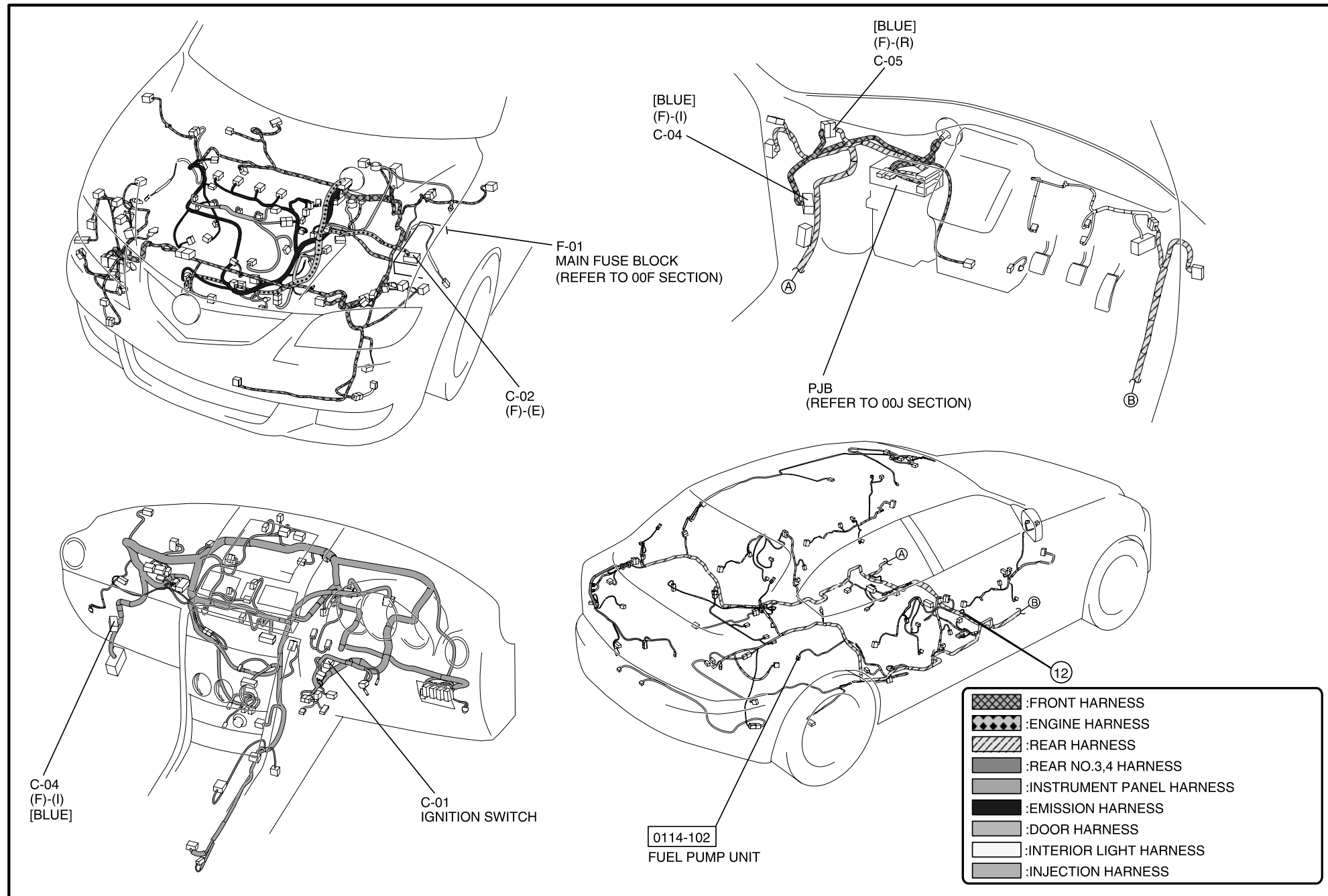
0114-1



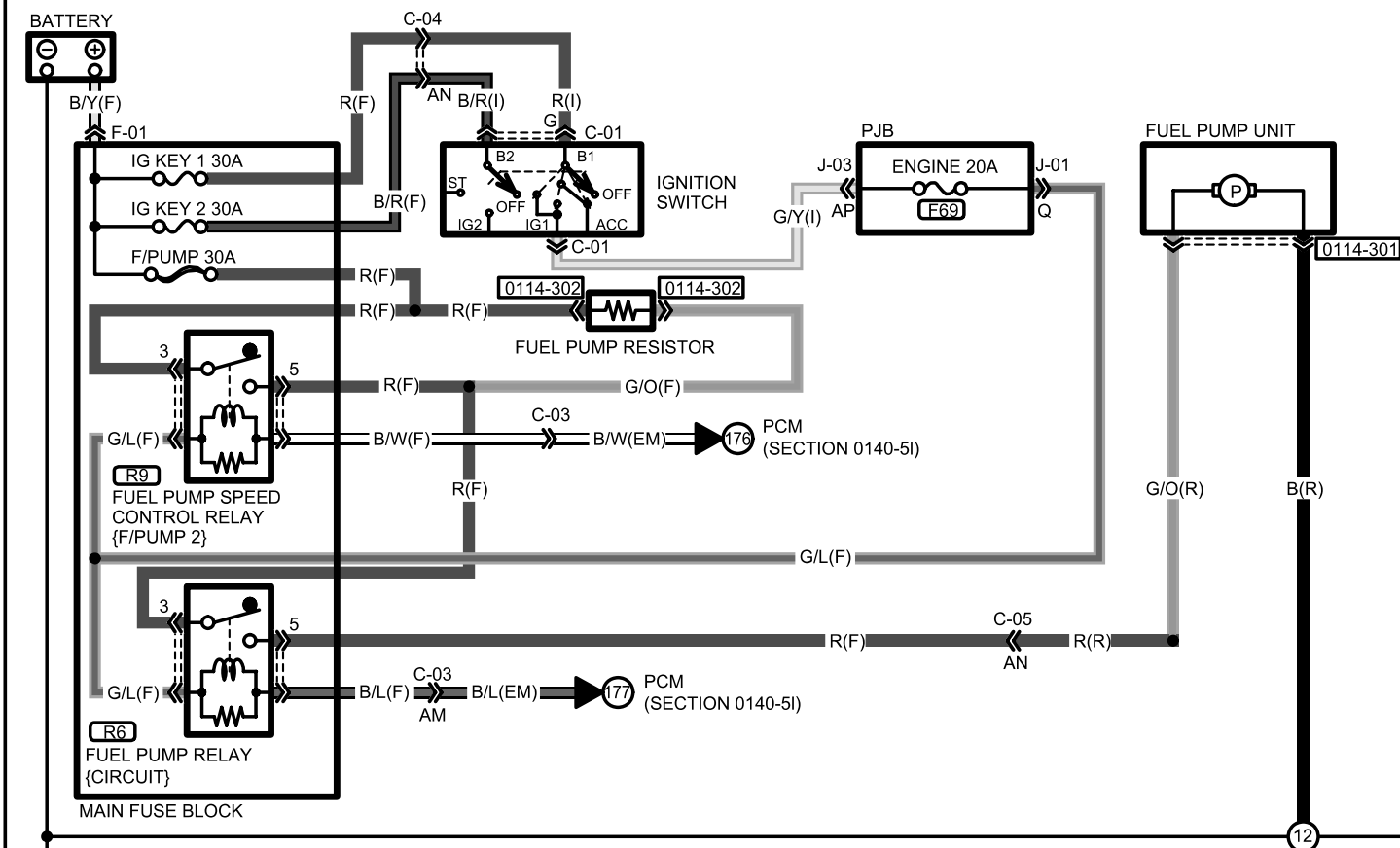
0114-102  
FUEL PUMP UNIT







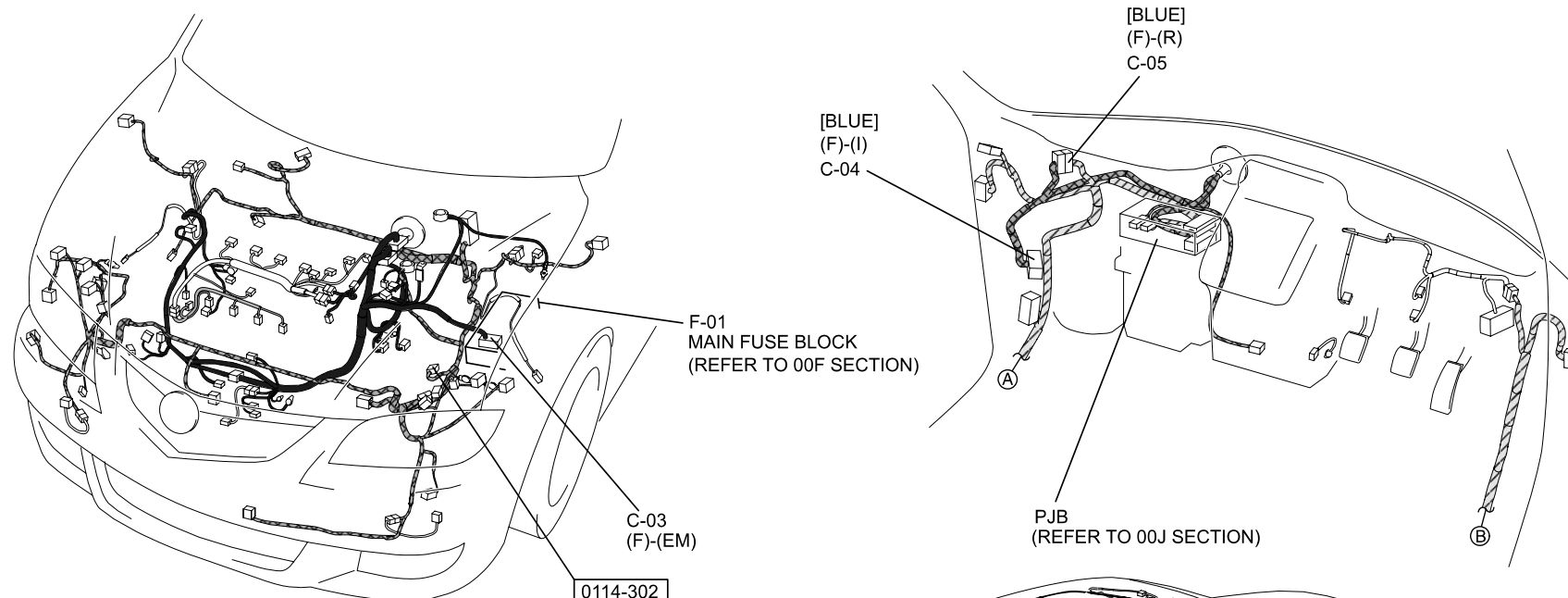


{ } NAME INDICATED ON FUSE BOX COVER

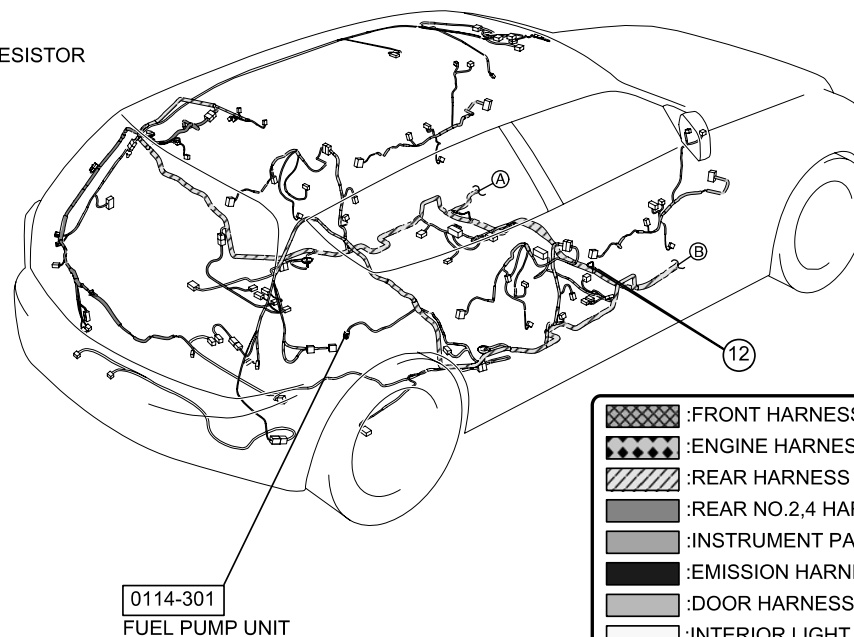
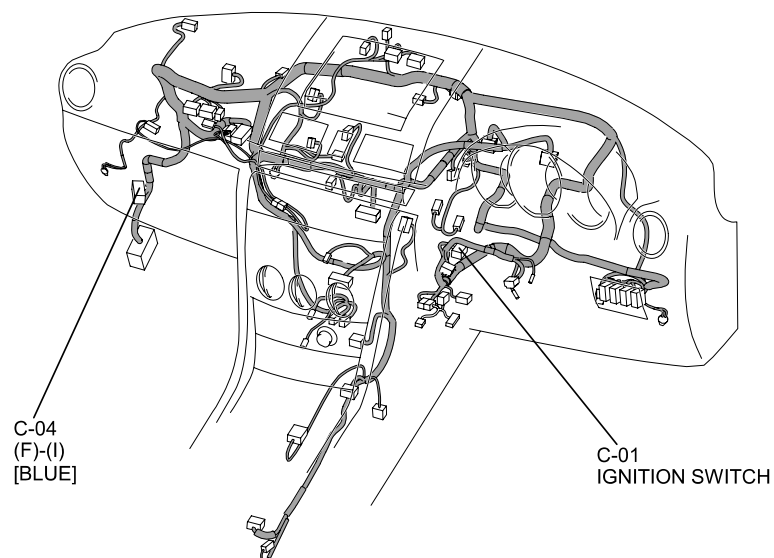











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0114-301 FUEL PUMP UNIT 	0114-302 FUEL PUMP RESISTOR 		



**[L3 Turbo]**

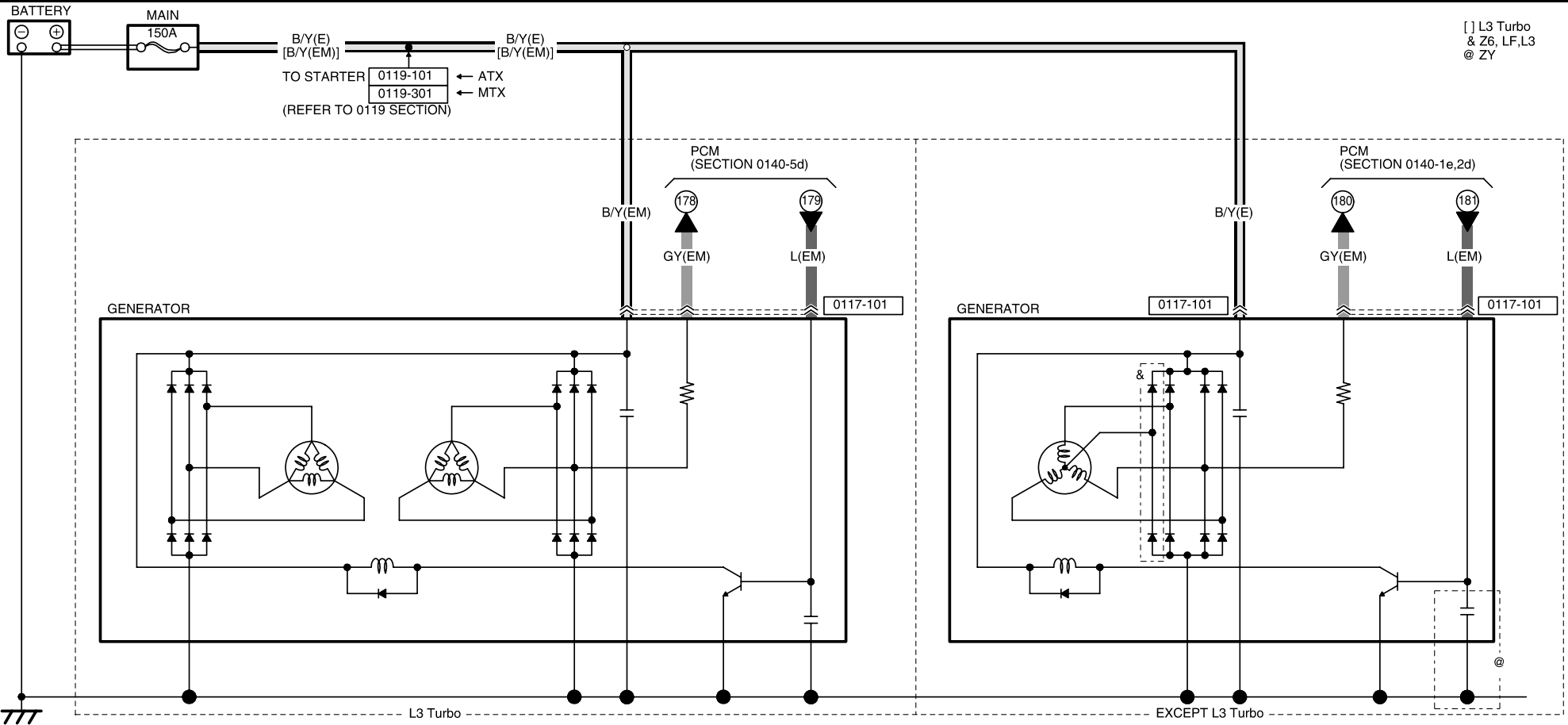


-  :FRONT HARNESS
-  :ENGINE HARNESS
-  :REAR HARNESS
-  :REAR NO.2,4 HARNESS
-  :INSTRUMENT PANEL HARNESS
-  :EMISSION HARNESS
-  :DOOR HARNESS
-  :INTERIOR LIGHT HARNESS
-  :INJECTION HARNESS

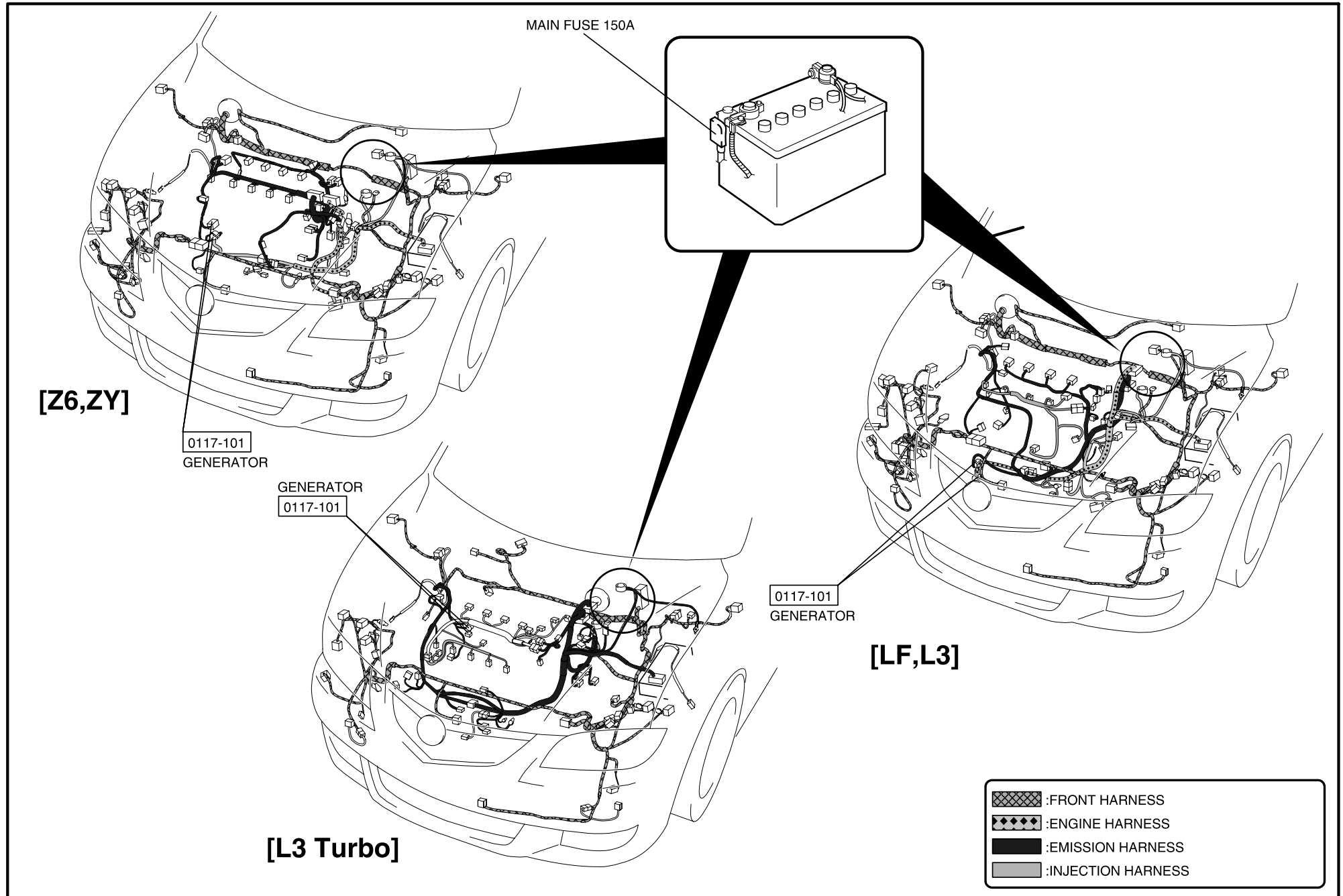
CHARGING SYSTEM

0117-1

48

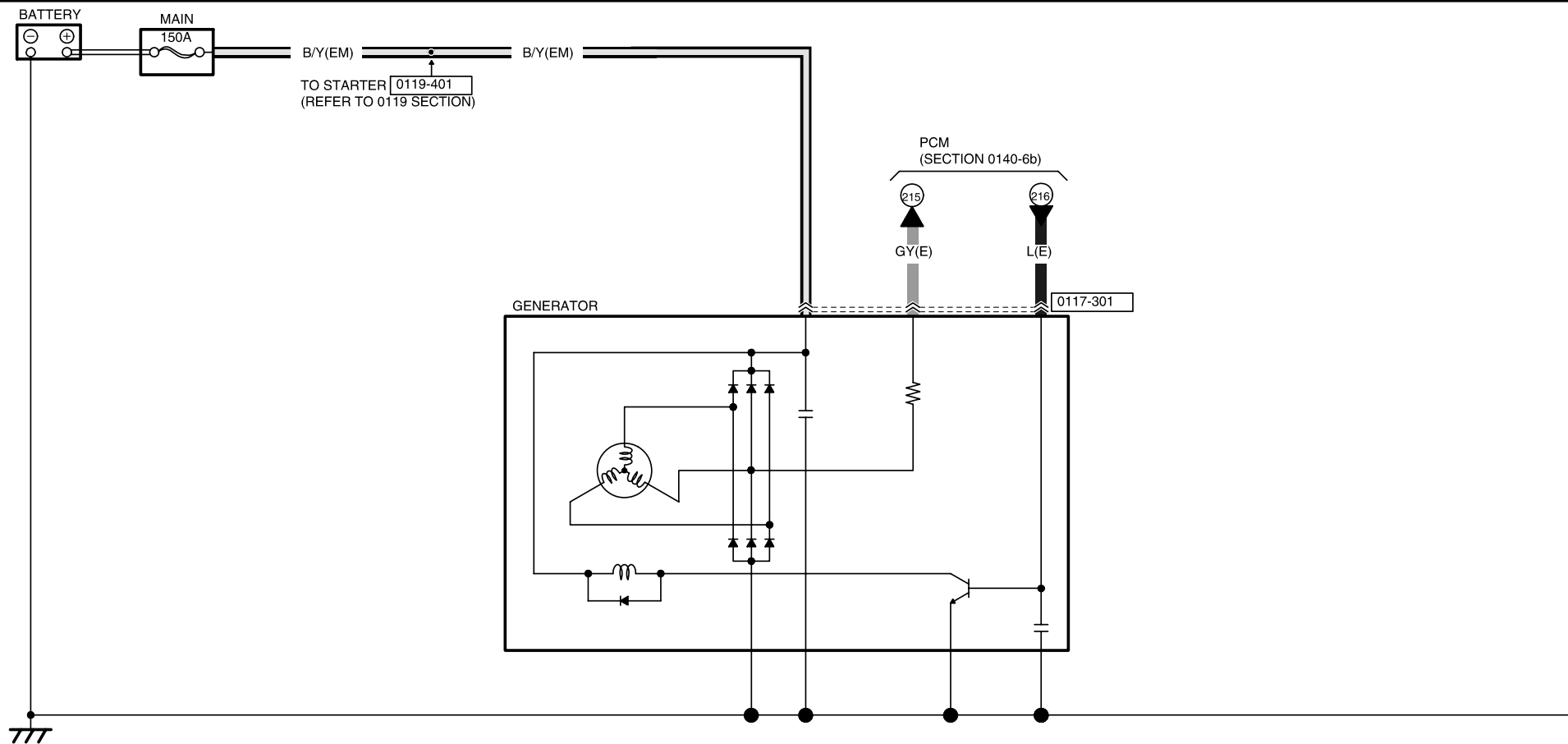


0117- 101 GENERATOR		EMISSION HARNESS			
ENGINE HARNESS		EMISSION HARNESS			
(EXCEPT L3 Turbo)		(L3 Turbo )			

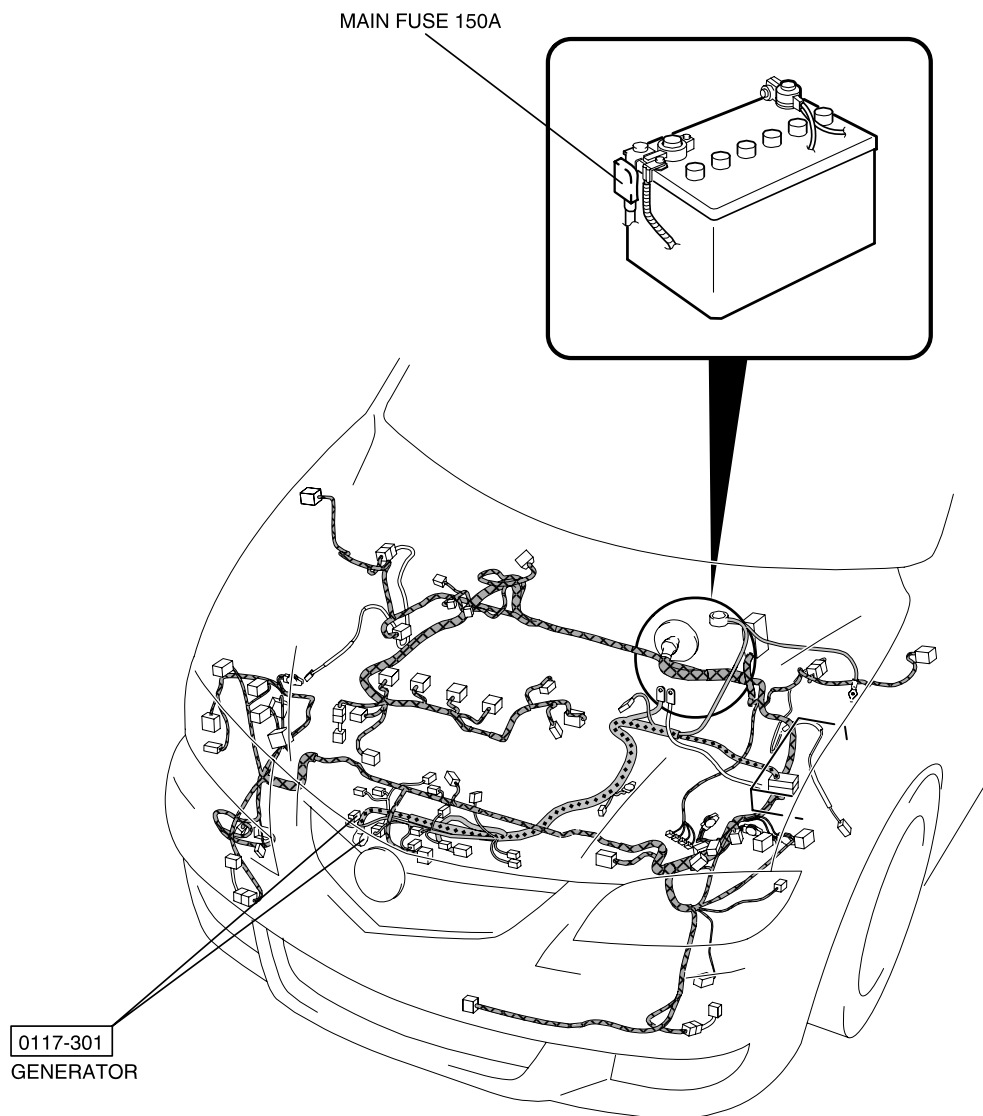


CHARGING SYSTEM (MZR-CD (RF Turbo))

0117-3



0117-301 GENERATOR						



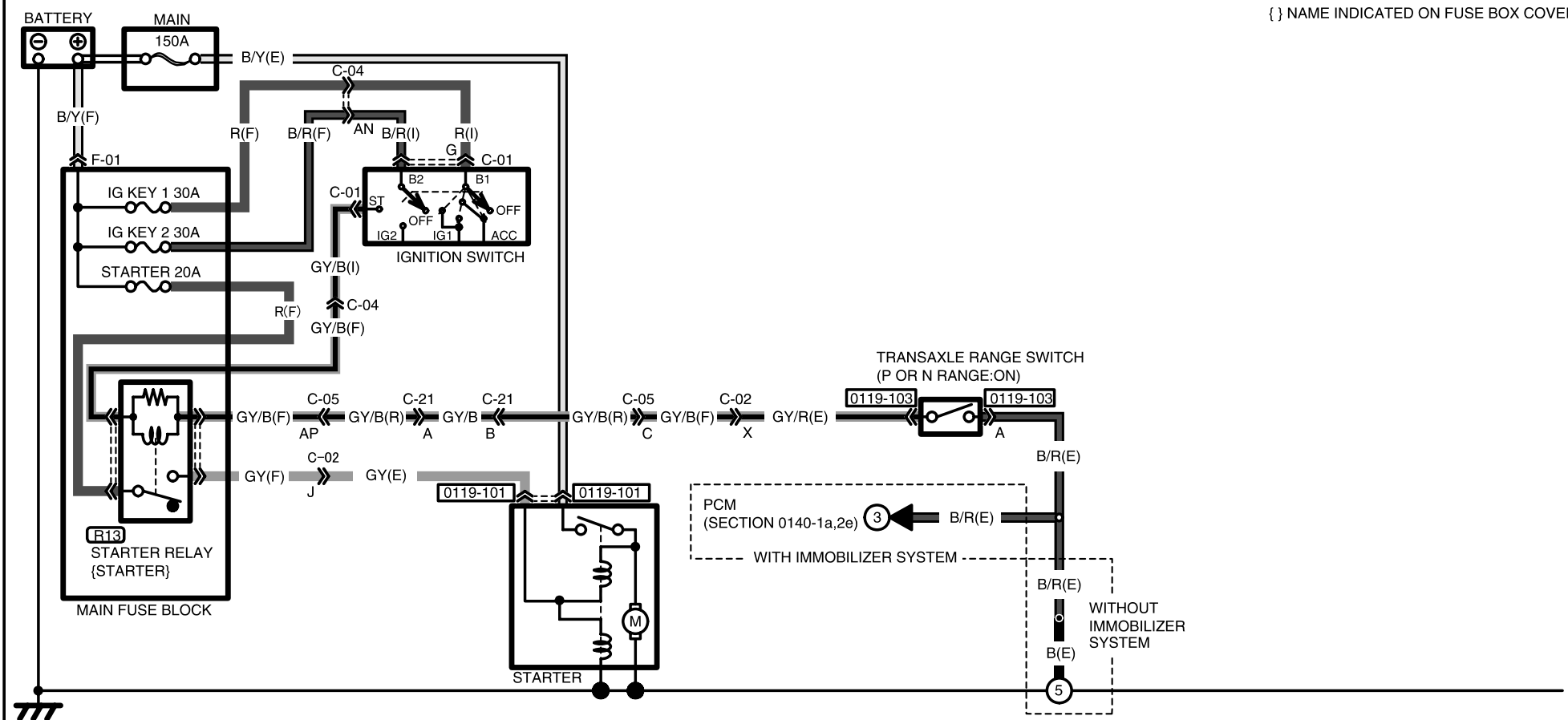
 :FRONT HARNESS  
 :ENGINE HARNESS

STARTING SYSTEM (ATX)

0119-1

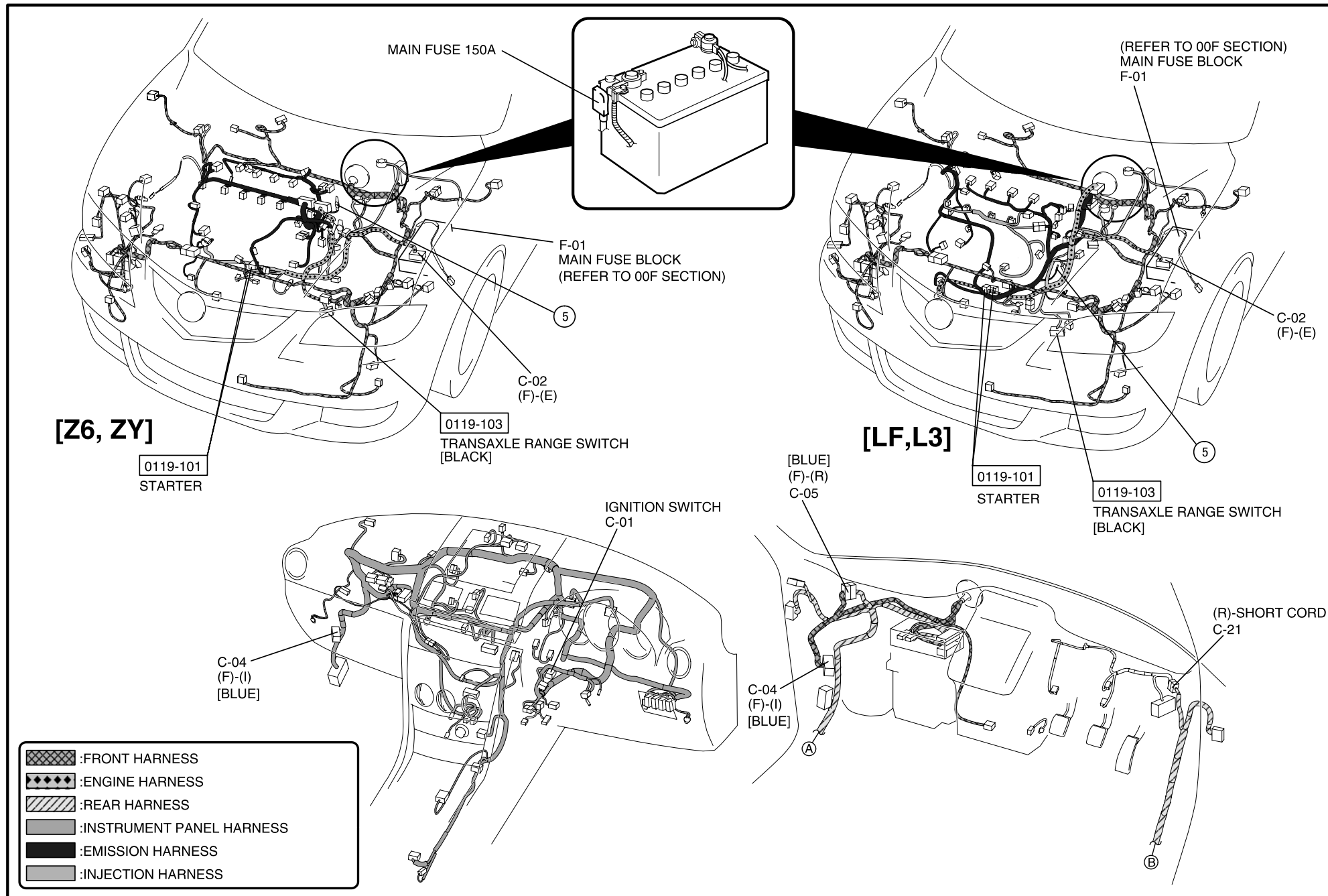
{ } NAME INDICATED ON FUSE BOX COVER

50

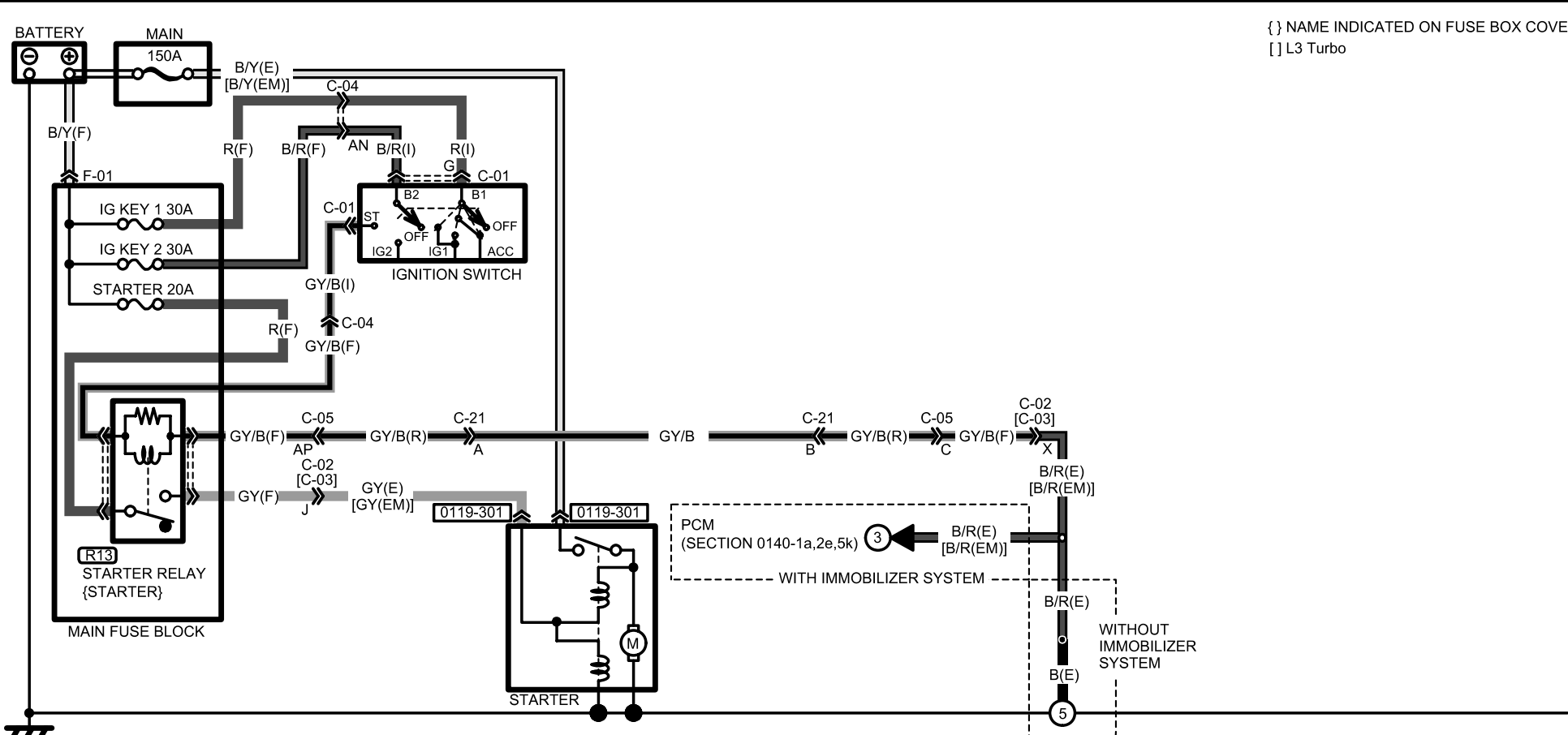




0119-101 STARTER		0119-103 TRANSAXLE RANGE SWITCH			

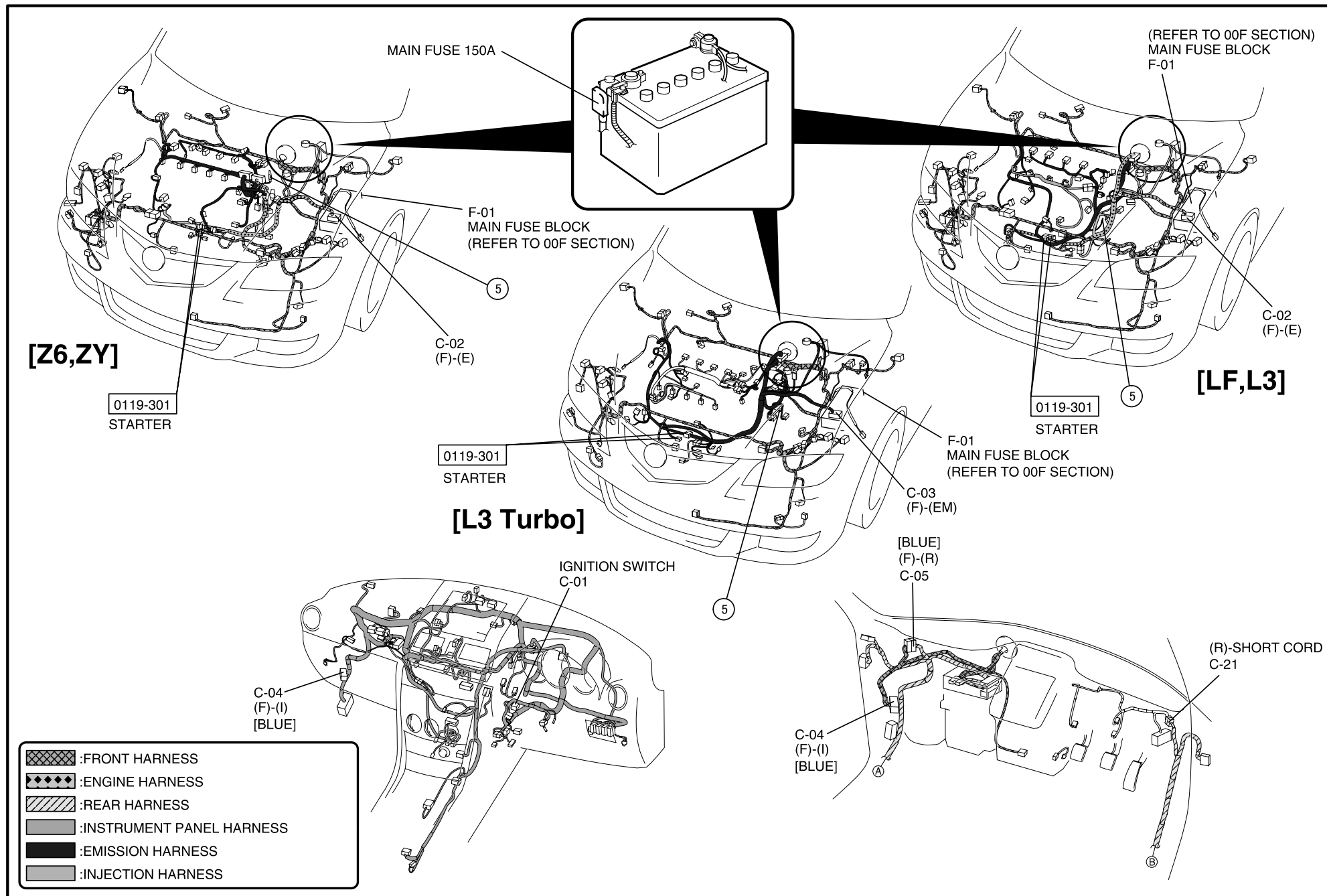




{ } NAME INDICATED ON FUSE BOX COVER  
[ ] L3 Turbo

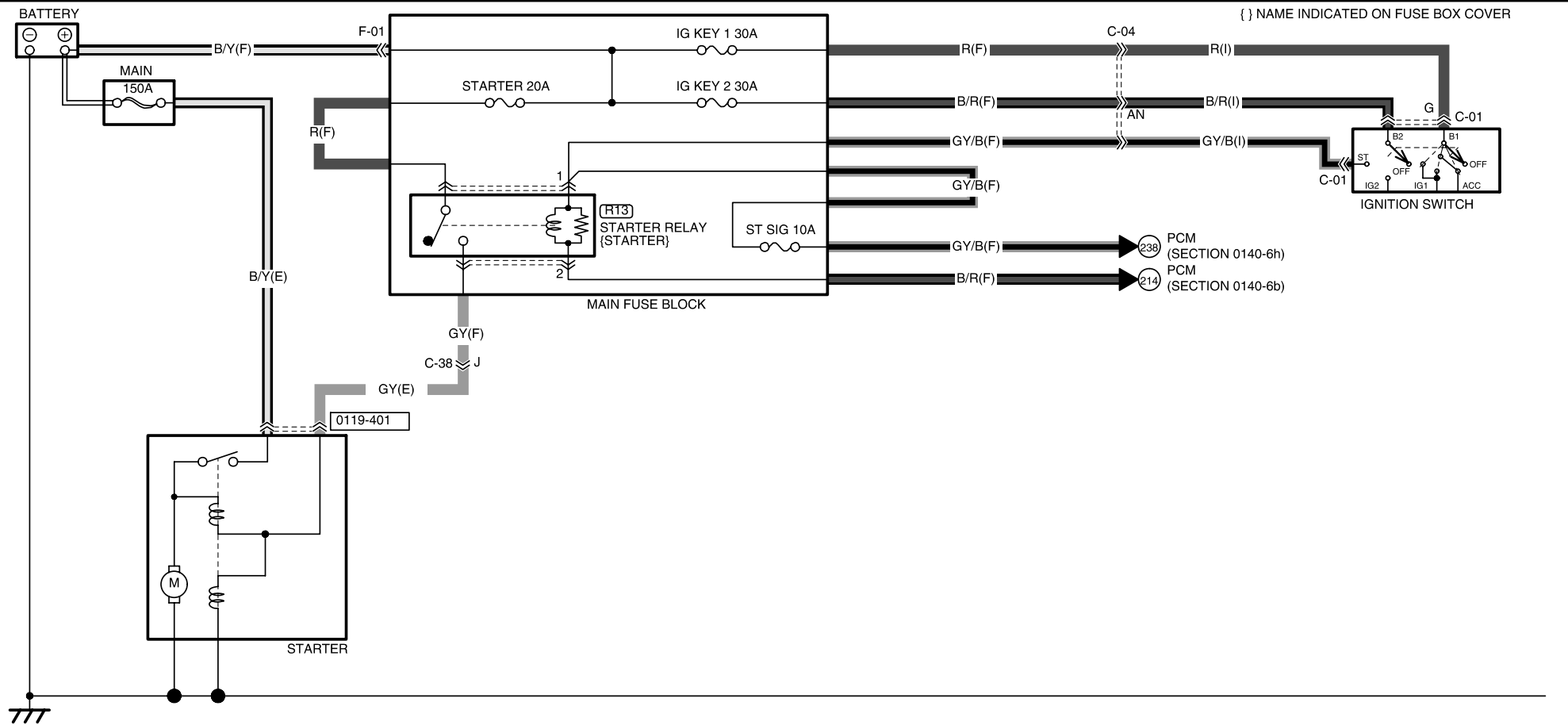


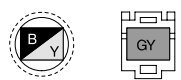
0119-301 STARTER					
					



STARTING SYSTEM (MZR-CD (RF Turbo))

0119-4

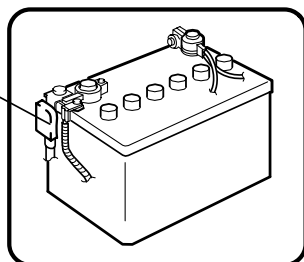


0119-401 STARTER						
						

# STARTING SYSTEM (MZR-CD (RF Turbo))

0119-4

MAIN FUSE 150A



(REFER TO 00F SECTION)  
MAIN FUSE BLOCK  
F-01





C-38  
(F)-(E)  
[BLACK]

0119-401  
STARTER

C-04  
(F)-(I)  
[BLUE]

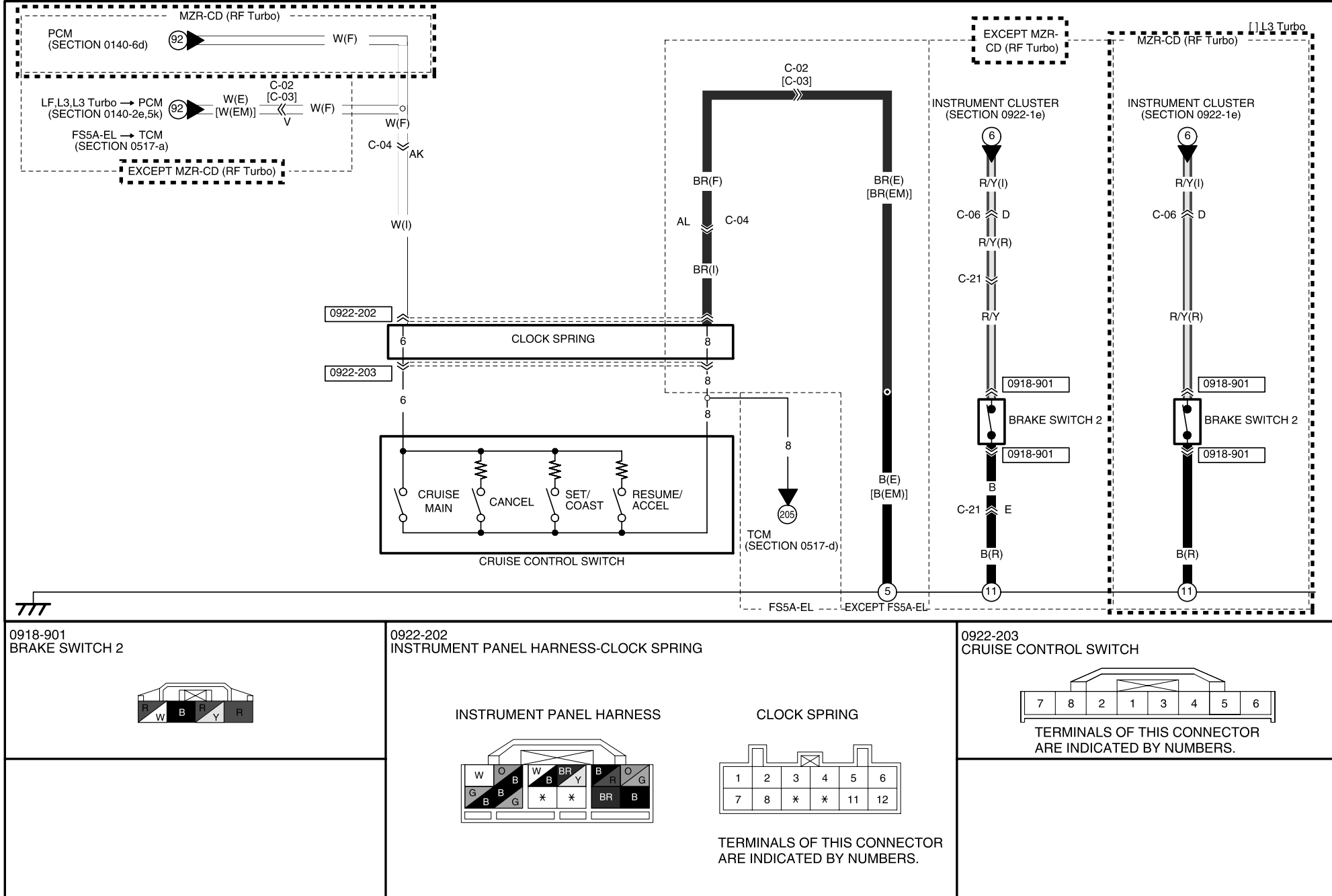
C-01  
IGNITION SWITCH

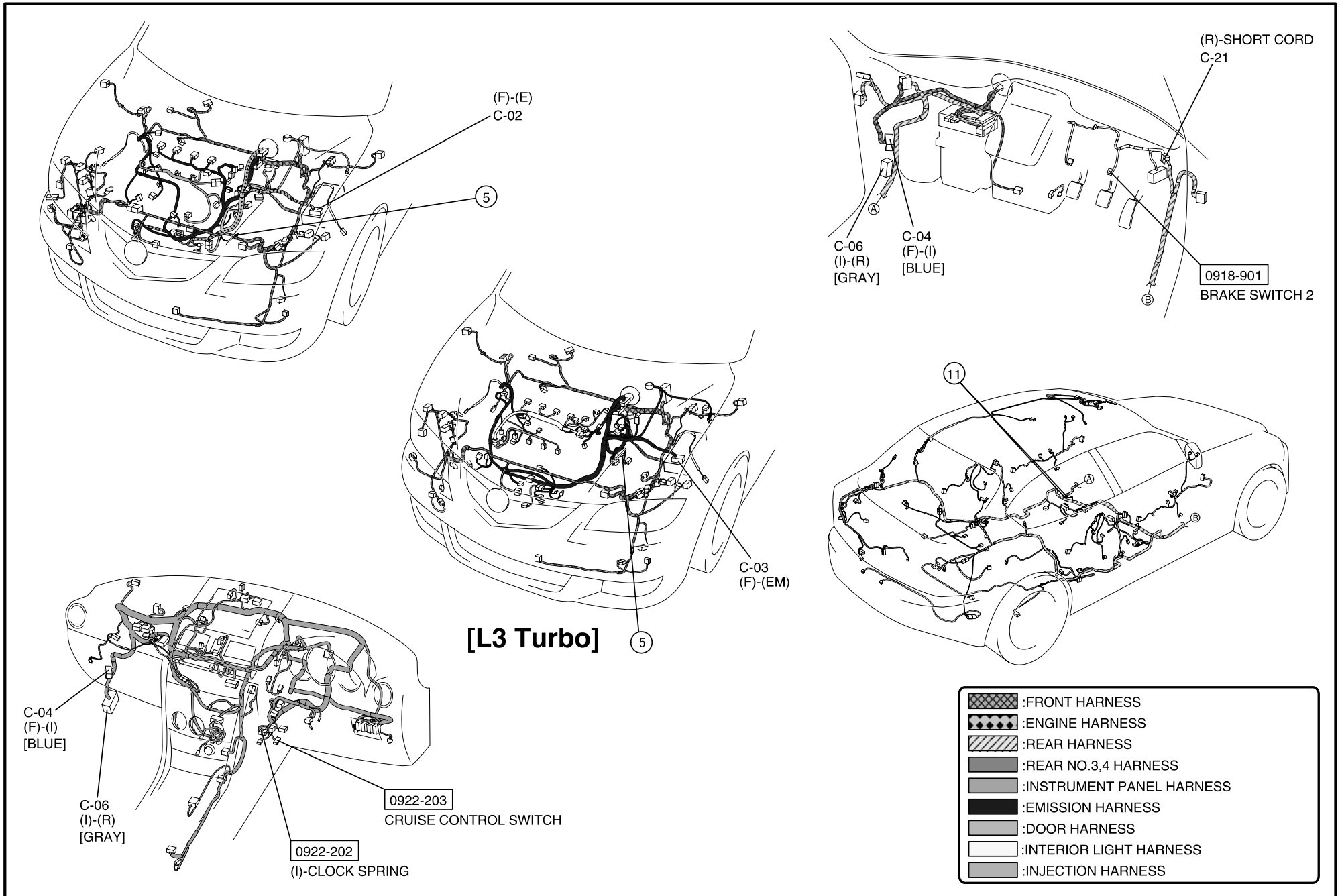
C-04  
(F)-(I)  
[BLUE]

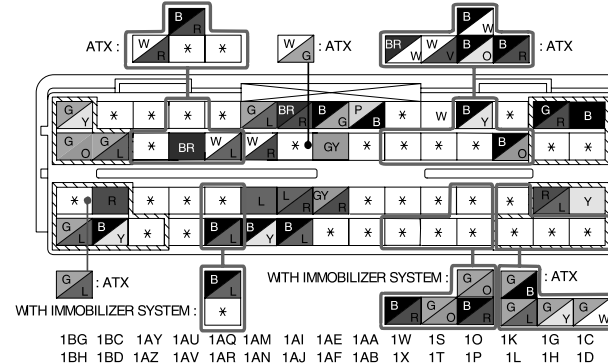
-  :FRONT HARNESS
-  :ENGINE HARNESS
-  :REAR HARNESS
-  :INSTRUMENT PANEL HARNESS

## 54

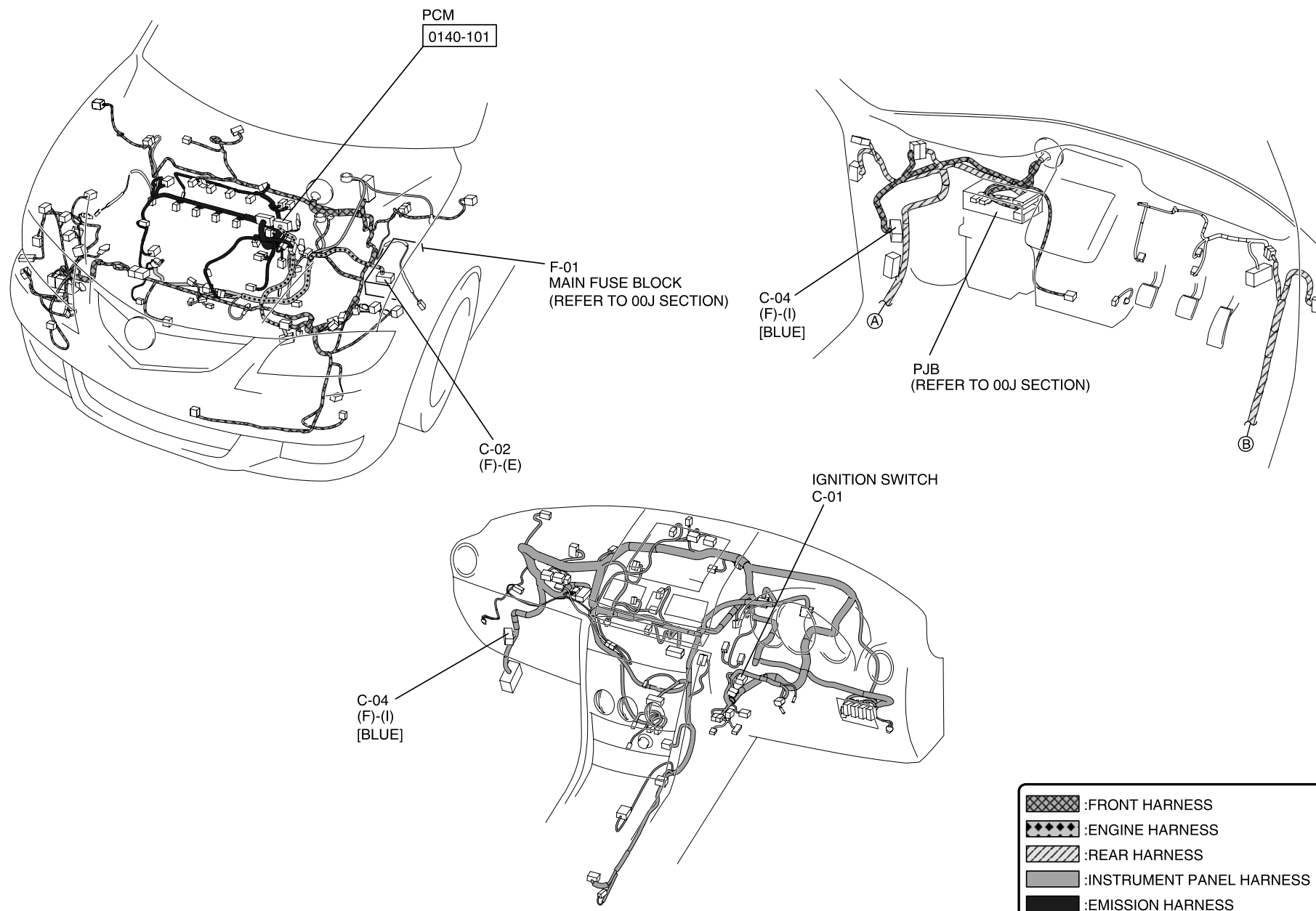
Revised 6/2007 (Ref. No. L095/07)

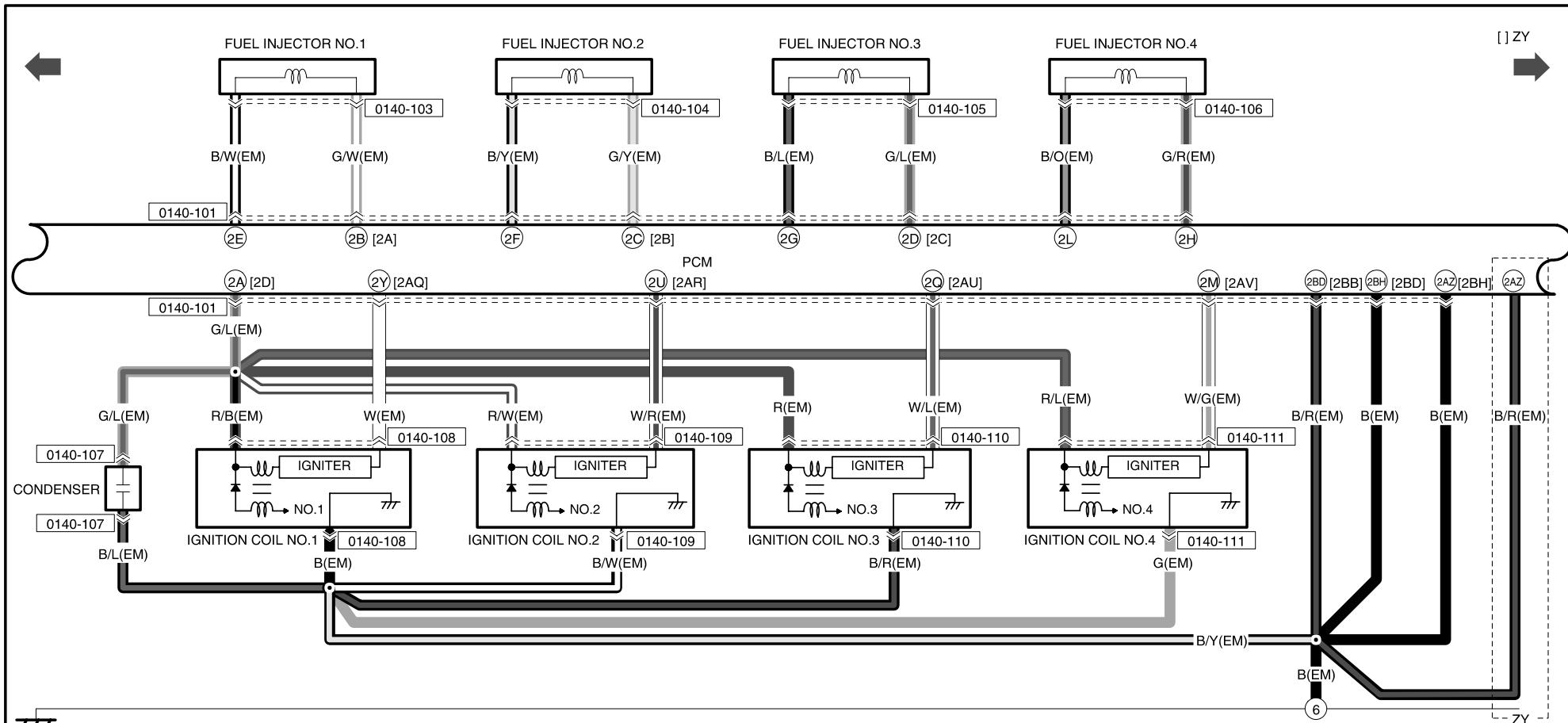










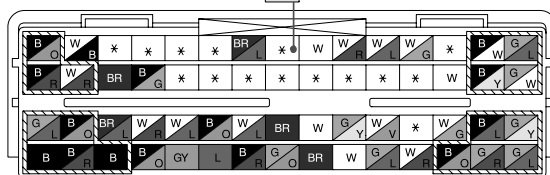


0140-101  
PCM

(Z6)

2BE 2BA 2AW 2AS 2AO 2AK 2AG 2AC 2Y 2U 2Q 2M 2I 2E 2A  
2BF 2BB 2AX 2AT 2AP 2AL 2AH 2AD 2Z 2V 2R 2N 2J 2F 2B

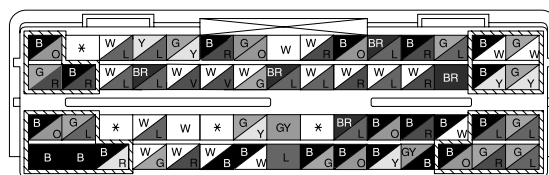
Y : WITHOUT EHPAS



2BG 2BC 2AY 2AU 2AQ 2AM 2AI 2AE 2AA 2W 2S 2O 2K 2G 2C  
2BH 2BD 2AZ 2AV 2AR 2AN 2AJ 2AF 2AB 2X 2T 2P 2L 2H 2D

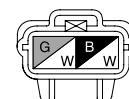
(ZY)

2BE 2BA 2AW 2AS 2AO 2AK 2AG 2AC 2Y 2U 2Q 2M 2I 2E 2A  
2BF 2BB 2AX 2AT 2AP 2AL 2AH 2AD 2Z 2V 2R 2N 2J 2F 2B

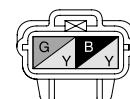


2BG 2BC 2AY 2AU 2AQ 2AM 2AI 2AE 2AA 2W 2S 2O 2K 2G 2C  
2BH 2BD 2AZ 2AV 2AR 2AN 2AJ 2AF 2AB 2X 2T 2P 2L 2H 2D

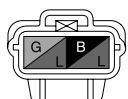
0140-103  
FUEL INJECTOR  
NO.1



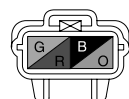
0140-104  
FUEL INJECTOR  
NO.2



0140-105  
FUEL INJECTOR  
NO.3



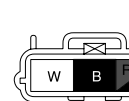
0140-106  
FUEL INJECTOR  
NO.4



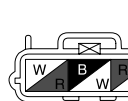
0140-107  
CONDENSER



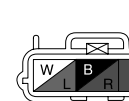
0140-108  
IGNITION COIL  
NO.1



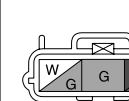
0140-109  
IGNITION COIL  
NO.2

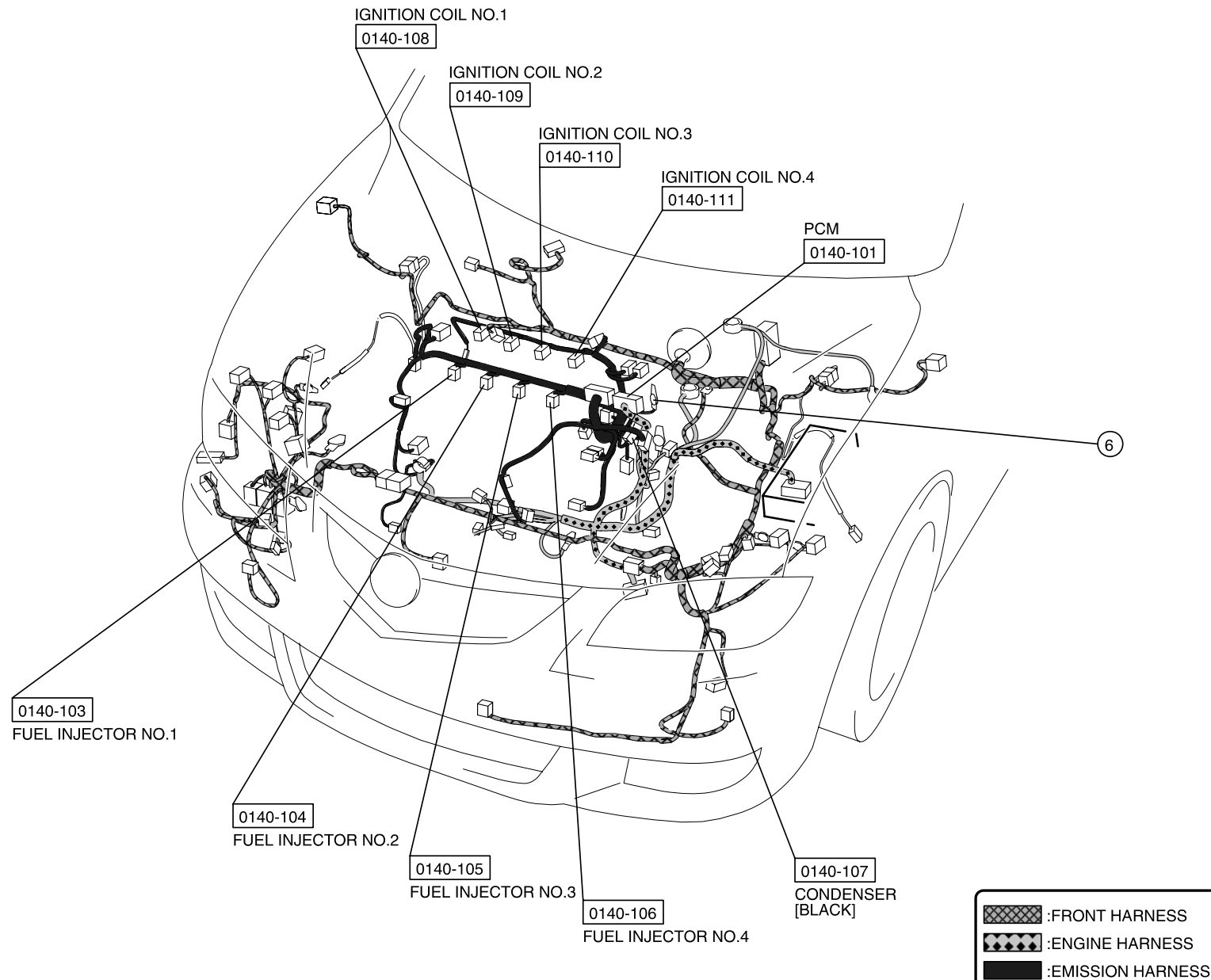


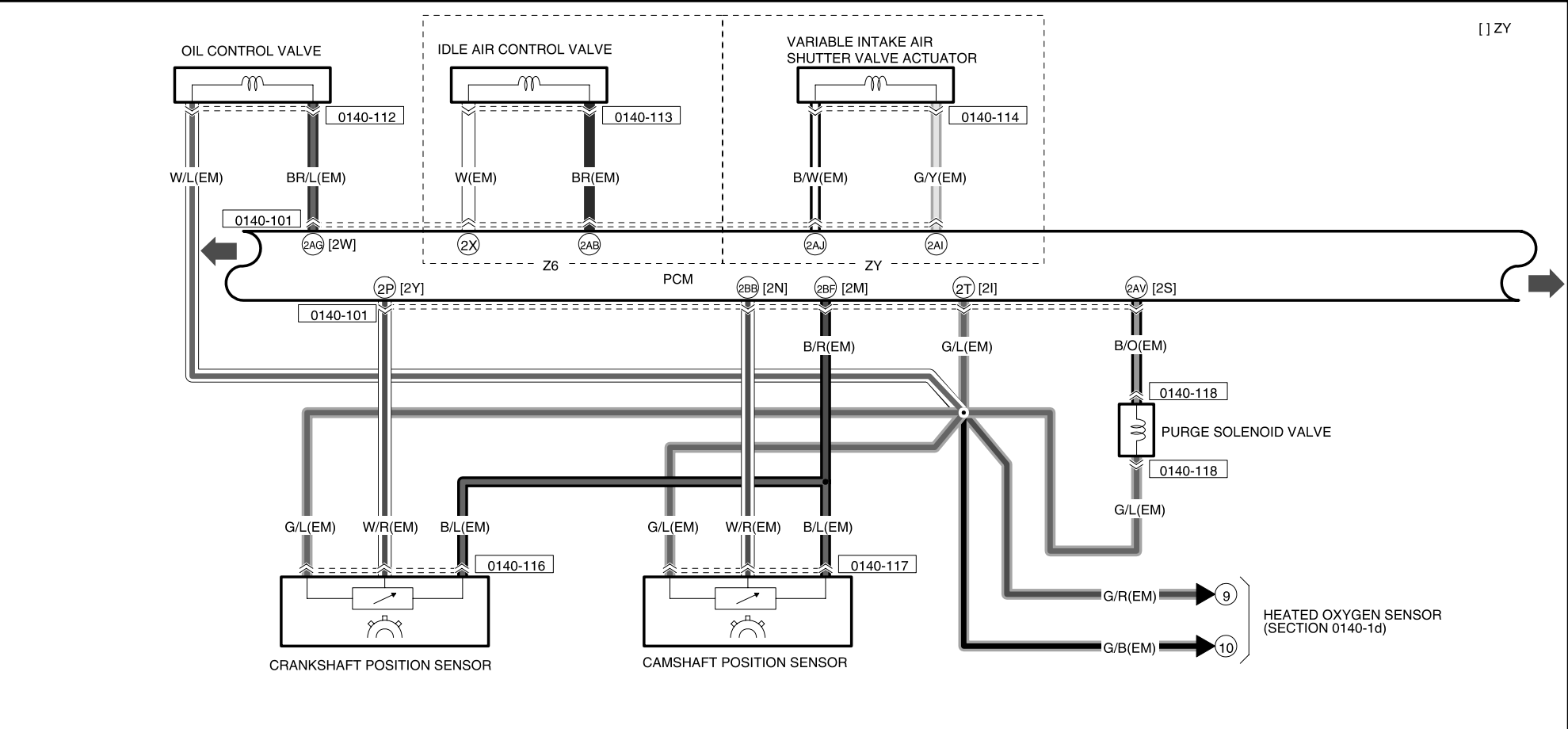
0140-110  
IGNITION COIL  
NO.3



0140-111  
IGNITION COIL  
NO.4





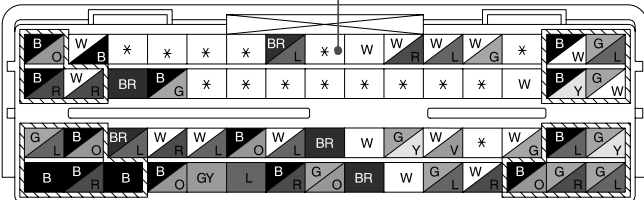


0140-101  
PCM

(Z6)

2BE 2BA 2AW 2AS 2AO 2AK 2AG 2AC 2Y 2U 2Q 2M 2I 2E 2A  
2BF 2BB 2AX 2AT 2AP 2AL 2AH 2AD 2Z 2V 2R 2N 2J 2F 2B

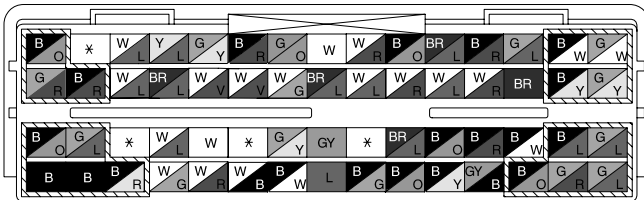
Y : WITHOUT E-IPAS



2BG 2BC 2AY 2AU 2AQ 2AM 2AI 2AE 2AA 2W 2S 2O 2K 2G 2C  
2BH 2BD 2AZ 2AV 2AR 2AN 2AJ 2AF 2AB 2X 2T 2P 2L 2H 2D

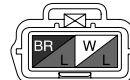
(ZY)

2BE 2BA 2AW 2AS 2AO 2AK 2AG 2AC 2Y 2U 2Q 2M 2I 2E 2A  
2BF 2BB 2AX 2AT 2AP 2AL 2AH 2AD 2Z 2V 2R 2N 2J 2F 2B

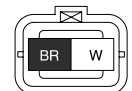


2BG 2BC 2AY 2AU 2AQ 2AM 2AI 2AE 2AA 2W 2S 2O 2K 2G 2C  
2BH 2BD 2AZ 2AV 2AR 2AN 2AJ 2AF 2AB 2X 2T 2P 2L 2H 2D

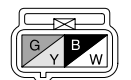
0140-112  
OIL CONTROL  
VALVE



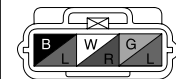
0140-113  
IDLE AIR  
CONTROL VALVE



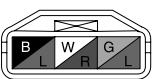
0140-114  
VARIABLE INTAKE  
AIR SHUTTER VALVE  
ACTUATOR



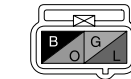
0140-116  
CRANKSHAFT  
POSITION SENSOR

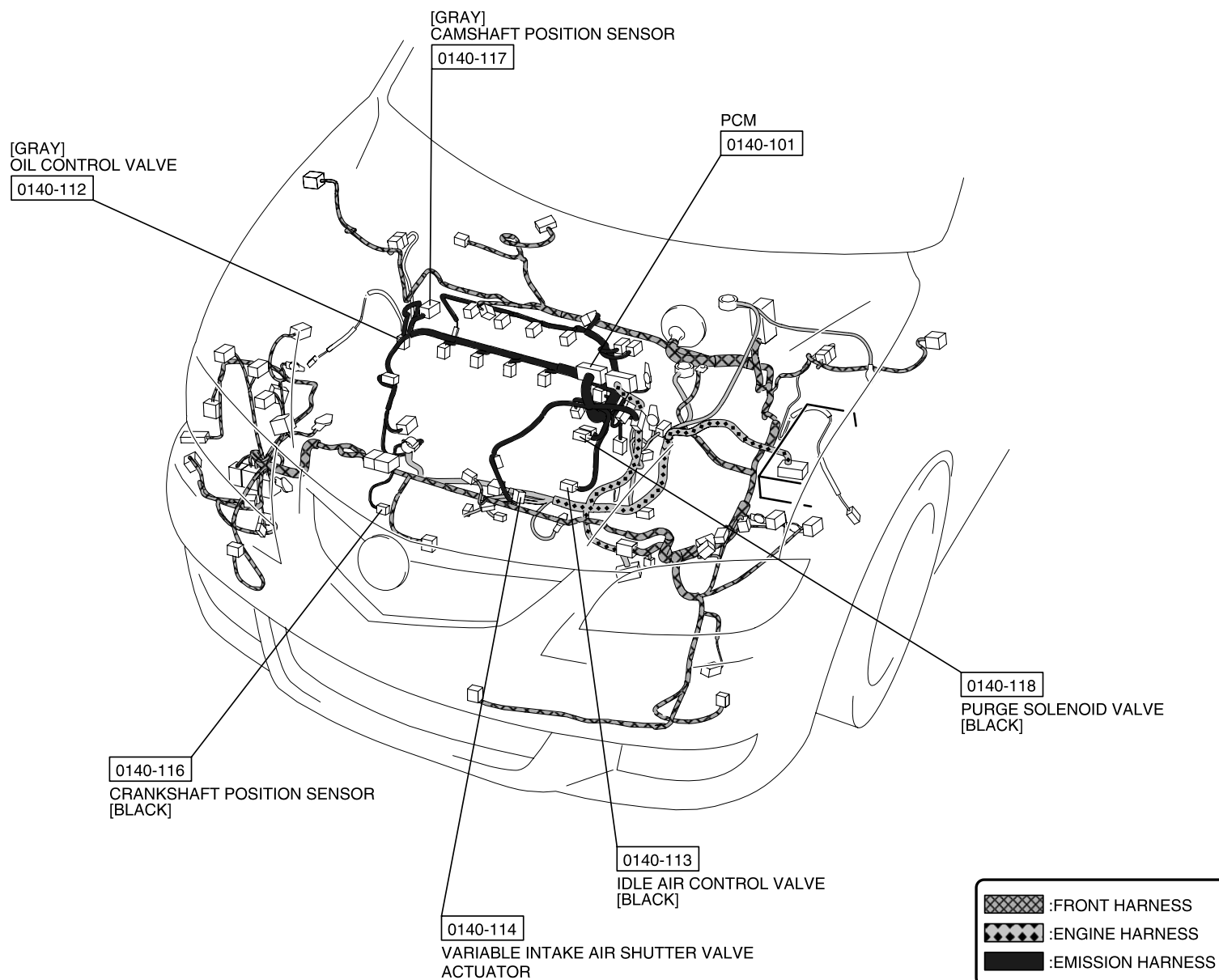


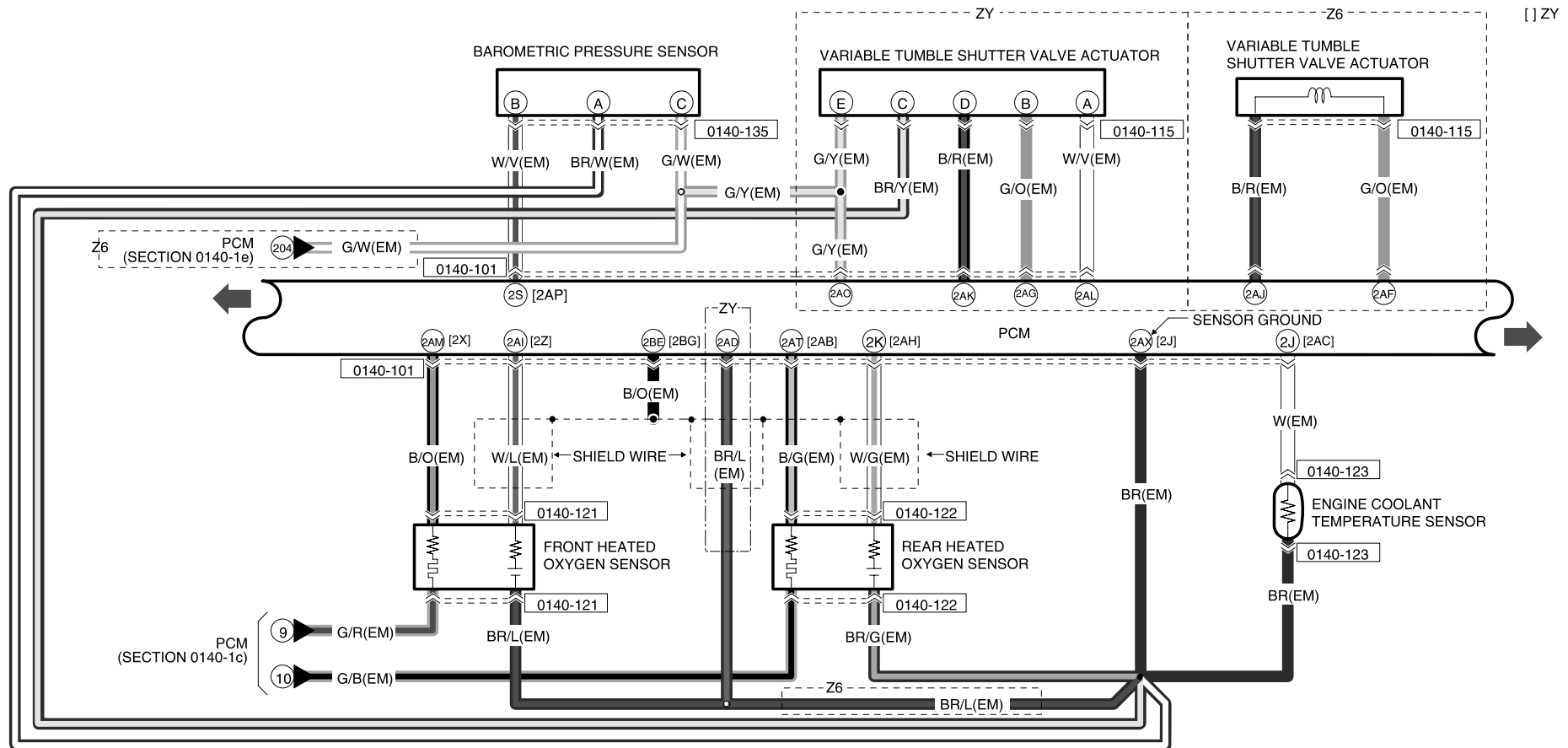
0140-117  
CAMSHAFT  
POSITION SENSOR



0140-118  
PURGE SOLENOID  
VALVE



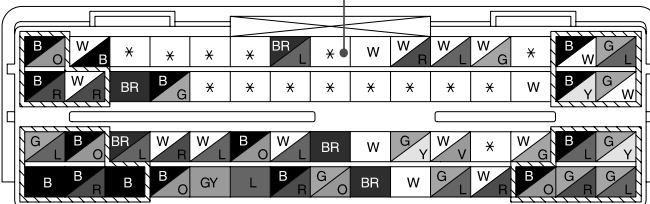


0140-101  
PCM

(Z6)

2BE 2BA 2AW 2AS 2AO 2AK 2AG 2AC 2Y 2U 2Q 2M 2I 2E 2A  
2BF 2BB 2AX 2AT 2AP 2AL 2AH 2AD 2Z 2V 2R 2N 2J 2F 2B

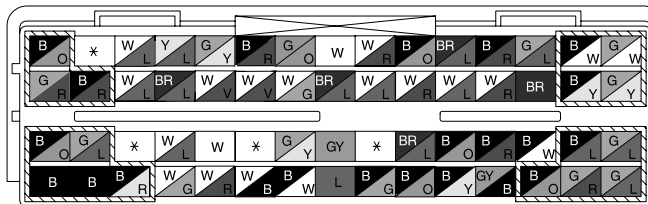
Y : WITHOUT EHPAS



2BG 2BC 2AY 2AU 2AQ 2AM 2AI 2AE 2AA 2W 2S 2O 2K 2G 2C  
2BH 2BD 2AZ 2AV 2AR 2AN 2AJ 2AF 2AB 2X 2T 2P 2L 2H 2D

(ZY)

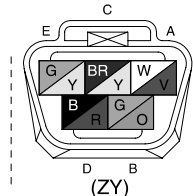
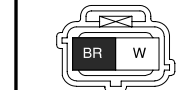
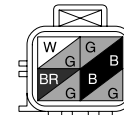
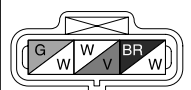
2BE 2BA 2AW 2AS 2AO 2AK 2AG 2AC 2Y 2U 2Q 2M 2I 2E 2A  
2BF 2BB 2AX 2AT 2AP 2AL 2AH 2AD 2Z 2V 2R 2N 2J 2F 2B

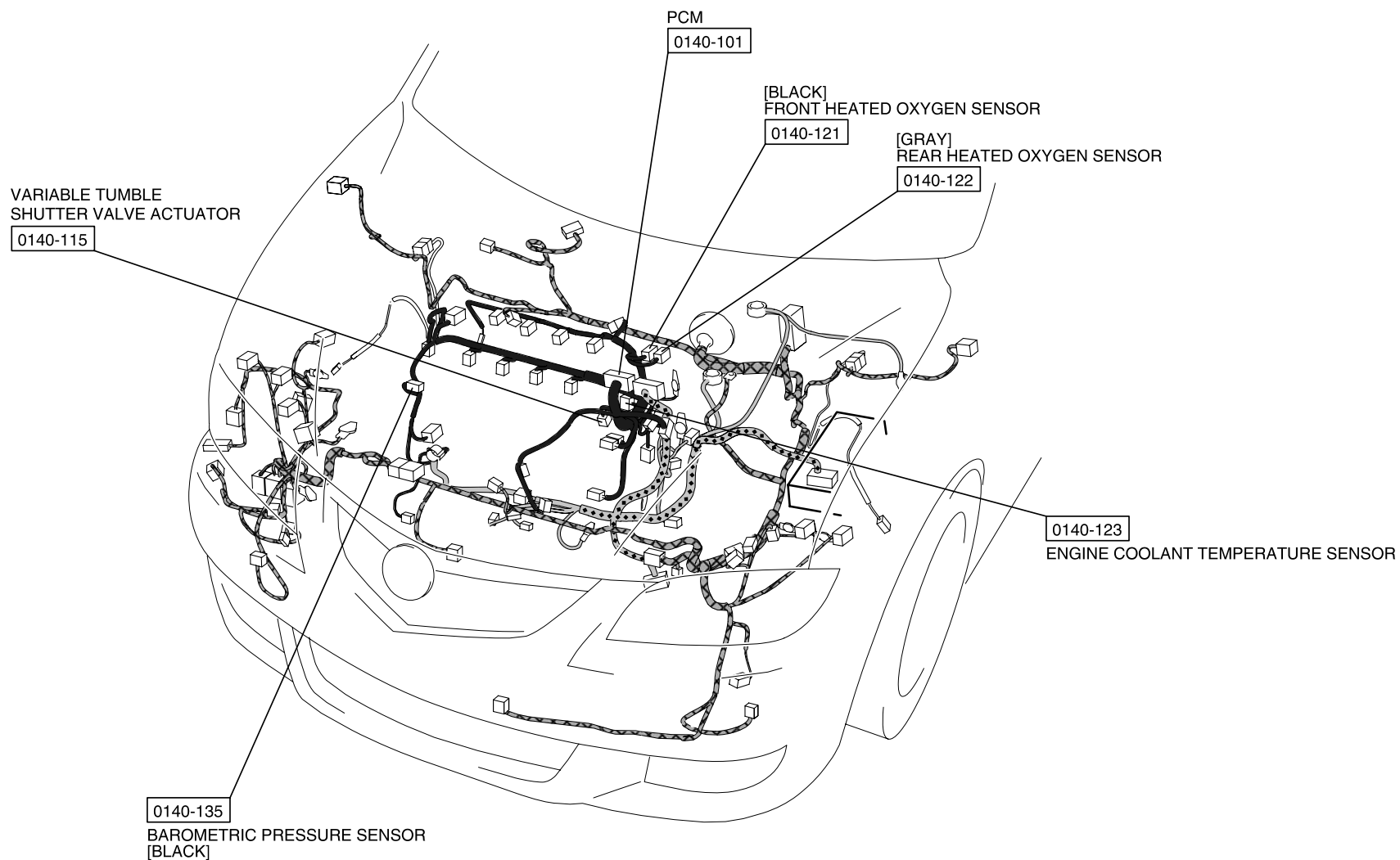





2BG 2BC 2AY 2AU 2AQ 2AM 2AI 2AE 2AA 2W 2S 2O 2K 2G 2C  
2BH 2BD 2AZ 2AV 2AR 2AN 2AJ 2AF 2AB 2X 2T 2P 2L 2H 2D

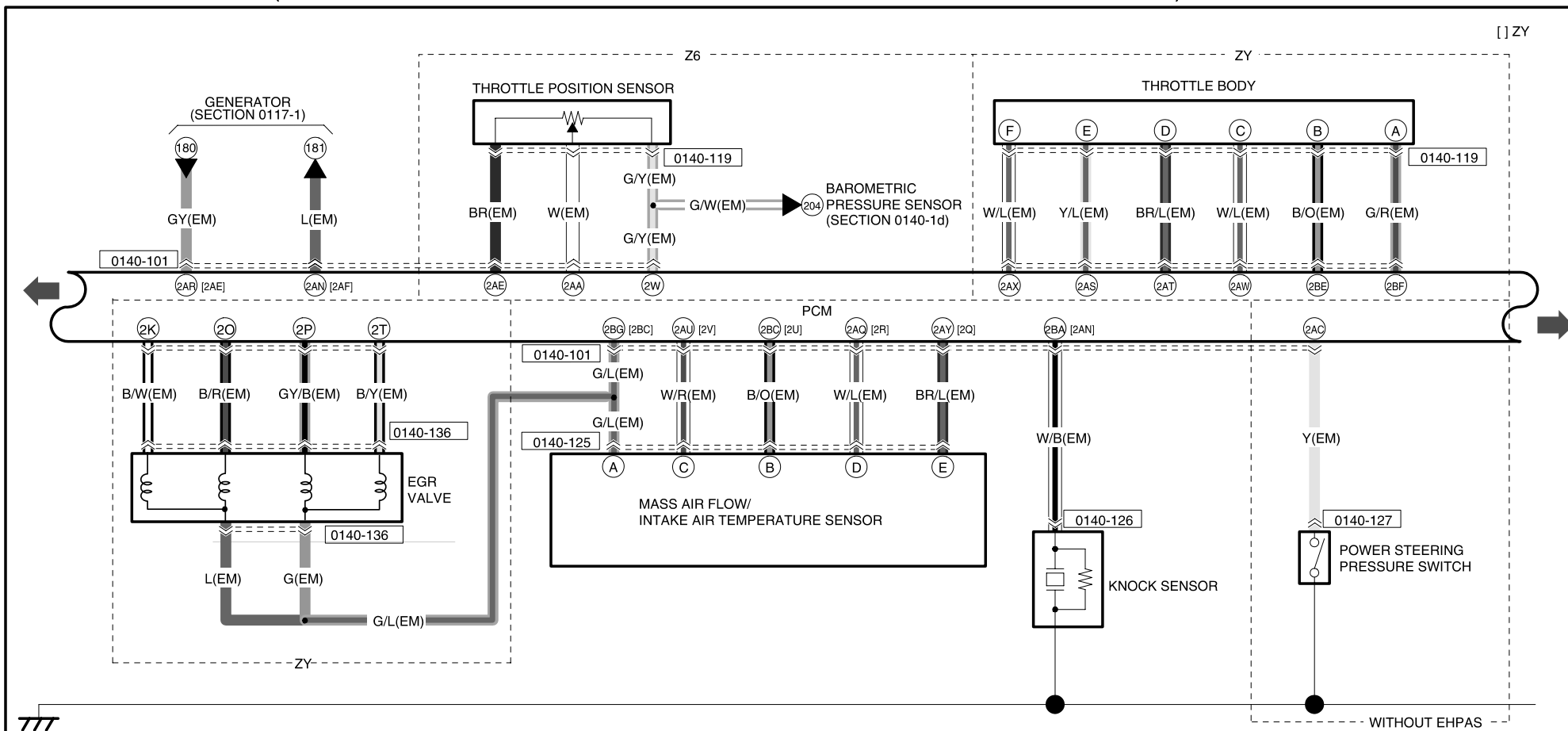
0140-115  
VARIABLE TUMBLE  
SHUTTER VALVE  
ACTUATOR

(Z6)

0140-122  
REAR HEATED  
OXYGEN SENSOR0140-123  
ENGINE COOLANT  
TEMPERATURE  
SENSOR0140-121  
FRONT HEATED  
OXYGEN SENSOR0140-135  
BAROMETRIC  
PRESSURE  
SENSOR



	:FRONT HARNESS
	:ENGINE HARNESS
	:EMISSION HARNESS

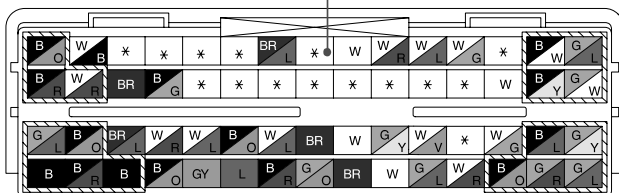


0140-101  
PCM

(Z6)

2BE 2BA 2AW 2AS 2AO 2AK 2AG 2AC 2Y 2U 2Q 2M 2I 2E 2A  
2BF 2BB 2AX 2AT 2AP 2AL 2AH 2AD 2Z 2V 2R 2N 2J 2F 2B

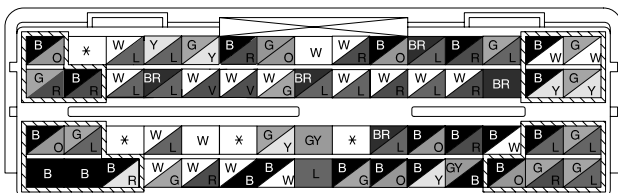
Y : WITHOUT EHPAS



2BG 2BC 2AY 2AU 2AQ 2AM 2AI 2AE 2AA 2W 2S 2O 2K 2G 2C  
2BH 2BD 2AZ 2AV 2AR 2AN 2AJ 2AF 2AB 2X 2T 2P 2L 2H 2D

(ZY)

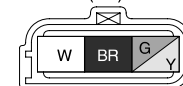
2BE 2BA 2AW 2AS 2AO 2AK 2AG 2AC 2Y 2U 2Q 2M 2I 2E 2A  
2BF 2BB 2AX 2AT 2AP 2AL 2AH 2AD 2Z 2V 2R 2N 2J 2F 2B



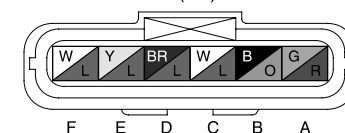
2BG 2BC 2AY 2AU 2AQ 2AM 2AI 2AE 2AA 2W 2S 2O 2K 2G 2C  
2BH 2BD 2AZ 2AV 2AR 2AN 2AJ 2AF 2AB 2X 2T 2P 2L 2H 2D

0140-119  
THROTTLE POSITION SENSOR ← Z6  
THROTTLE BODY ← ZY

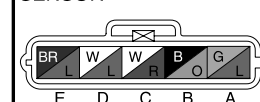
(Z6)



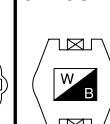
(ZY)



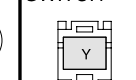
0140-125  
MASS AIR FLOW/INTAKE  
AIR TEMPERATURE  
SENSOR



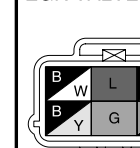
0140-126  
KNOCK  
SENSOR



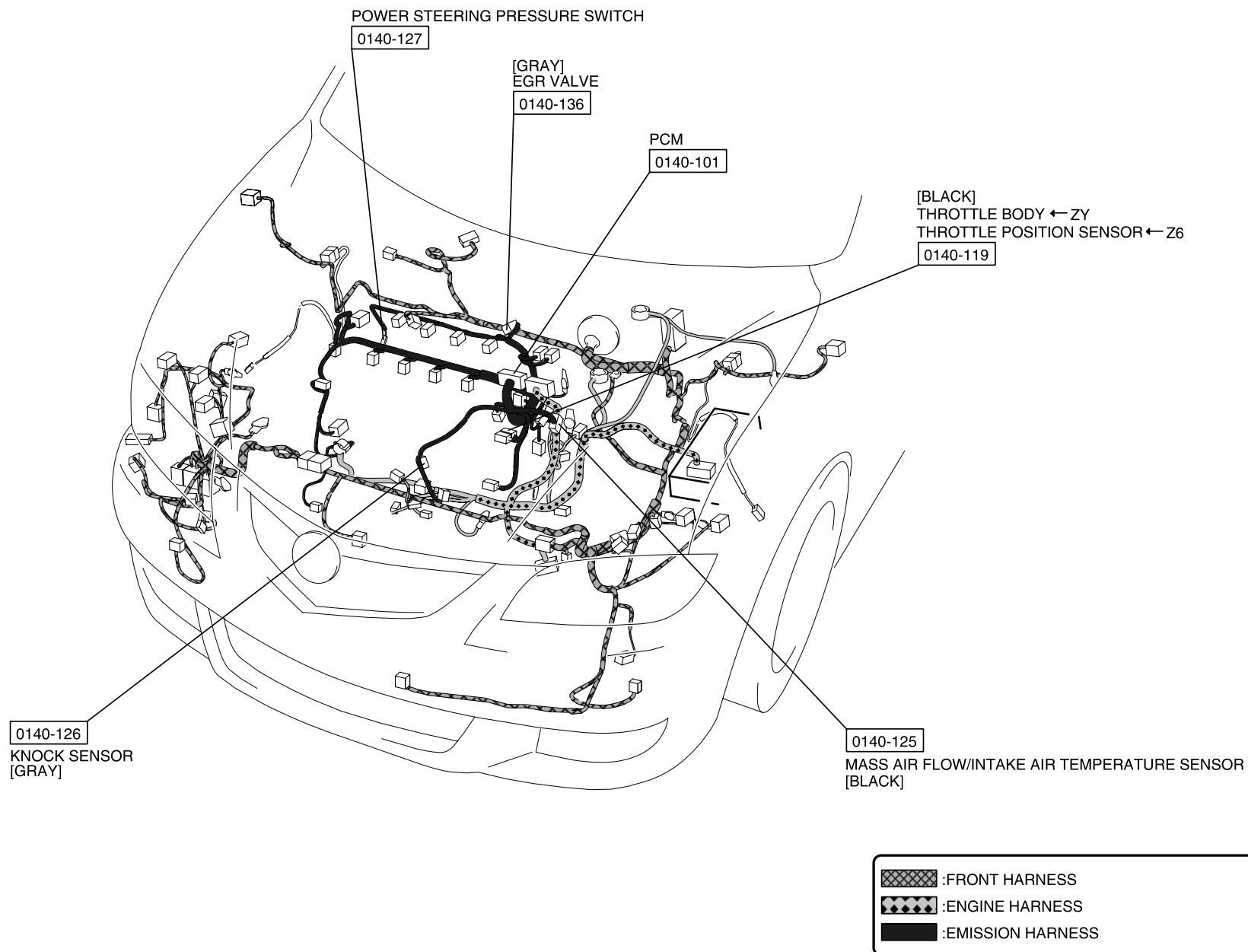
0140-127  
POWER  
STEERING  
PRESSURE  
SWITCH

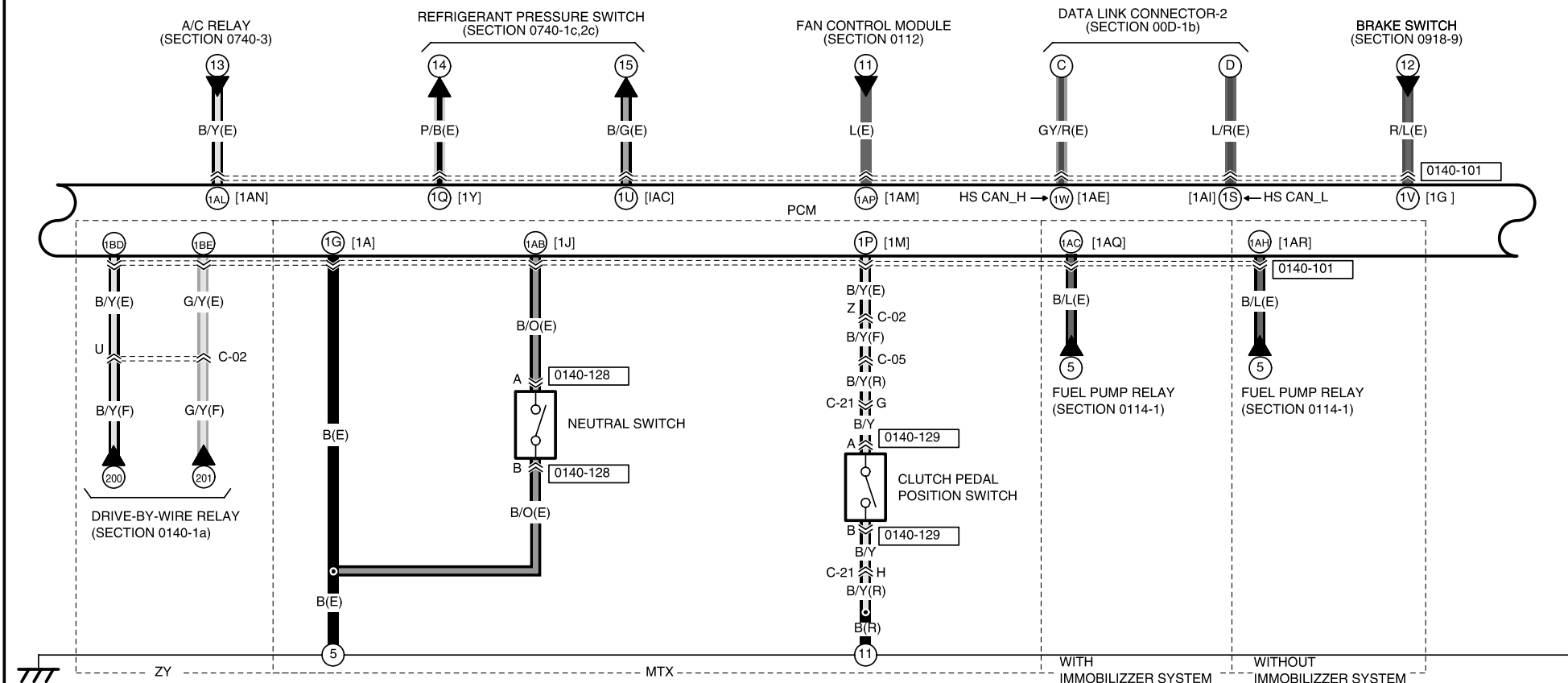


0140-136  
EGR VALVE





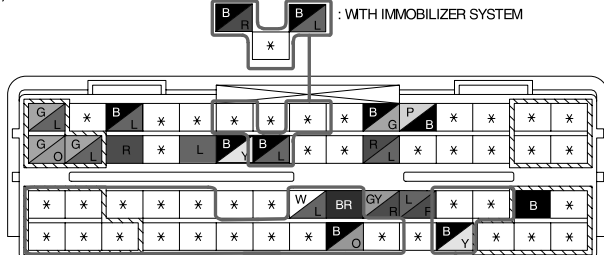




0140-101  
PCM

(Z6)

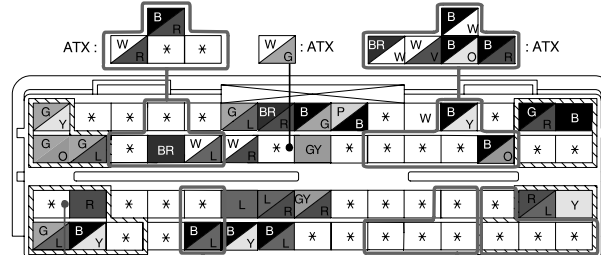
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1BF 1BB 1AX 1AT 1AP 1AL 1AH 1AD 1Z 1V 1R 1N 1J 1F 1B  
: WITH IMMOBILIZER SYSTEM



1BG 1BC 1AY 1AU 1AQ 1AM 1AI 1AE 1AA 1W 1S 1O 1K 1G 1C  
1BH 1BD 1AZ 1AV 1AR 1AN 1AJ 1AF 1AB 1X 1T 1P 1L 1H 1D

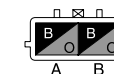
(ZY)

1BE 1BA 1AW 1AS 1AO 1AK 1AG 1AC 1Y 1U 1Q 1M 1I 1E 1A  
1BF 1BB 1AX 1AT 1AP 1AL 1AH 1AD 1Z 1V 1R 1N 1J 1F 1B  
: ATX

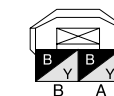


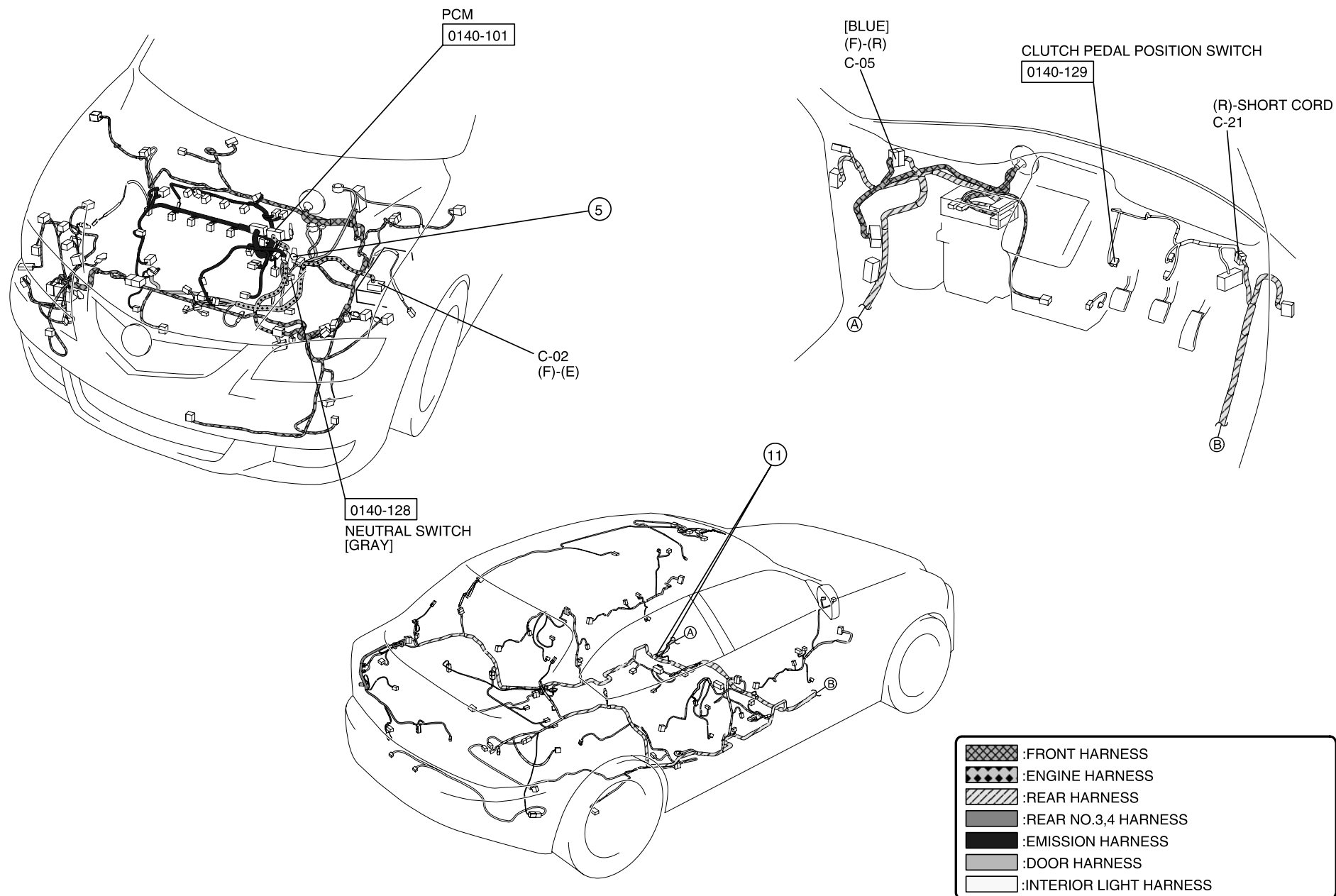
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1BH 1BD 1AZ 1AV 1AR 1AN 1AJ 1AF 1AB 1X 1T 1P 1L 1H 1D  
WITH IMMOBILIZER SYSTEM : ATX

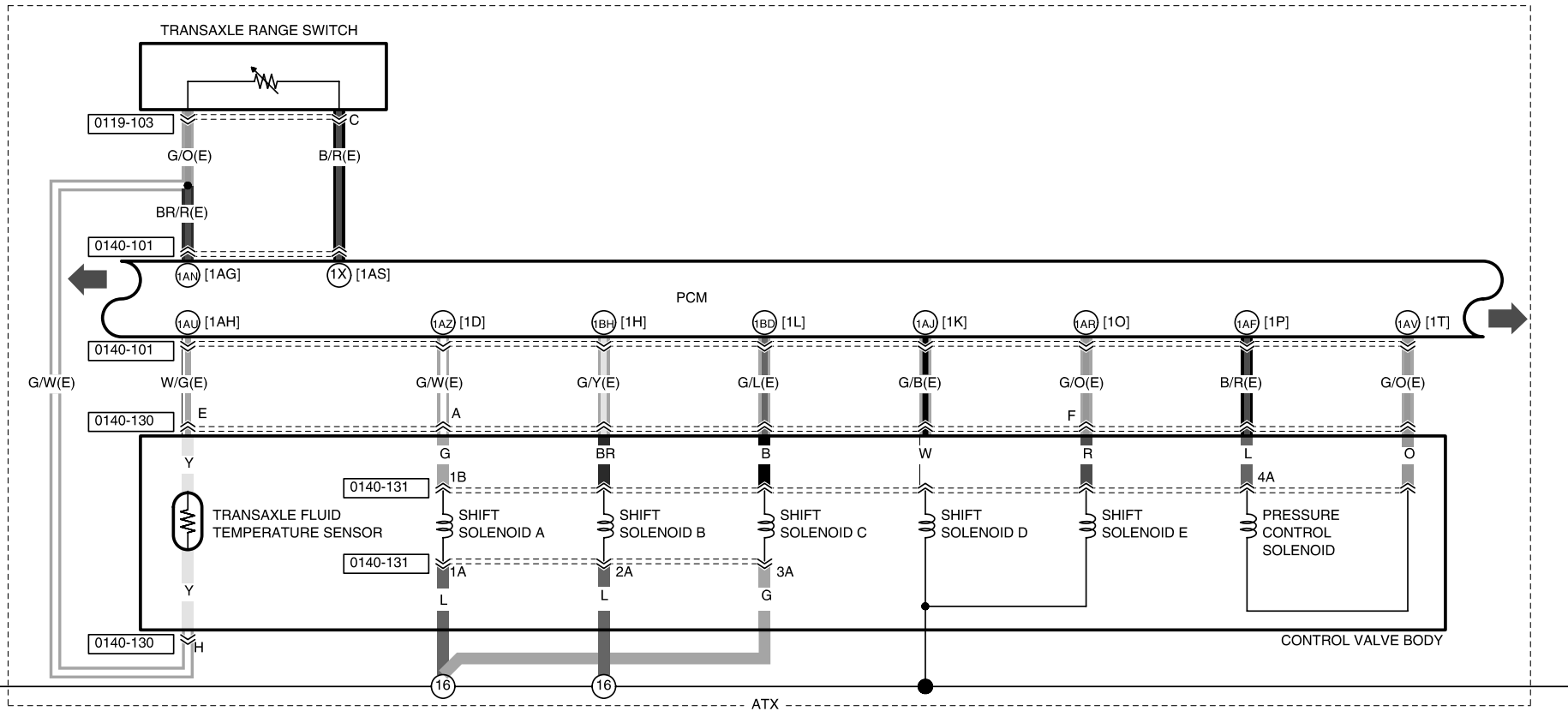
0140-128  
NEUTRAL SWITCH



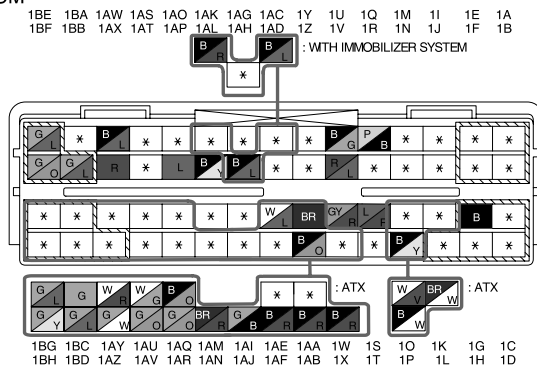
0140-129  
CLUTCH PEDAL POSITION SWITCH



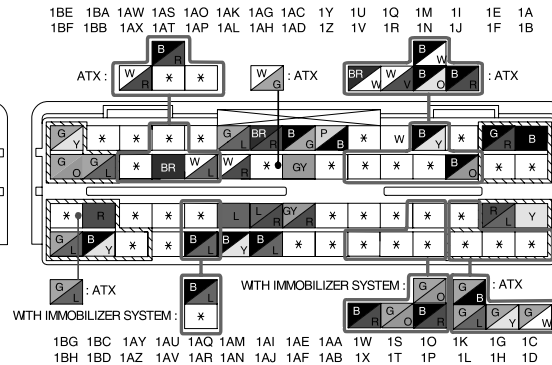


0140-101  
PCM

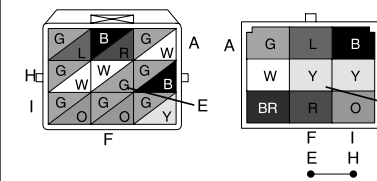
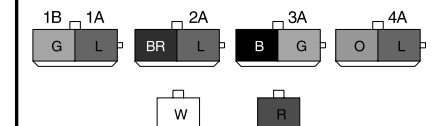
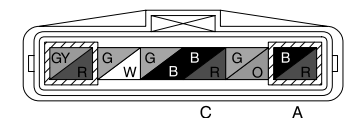
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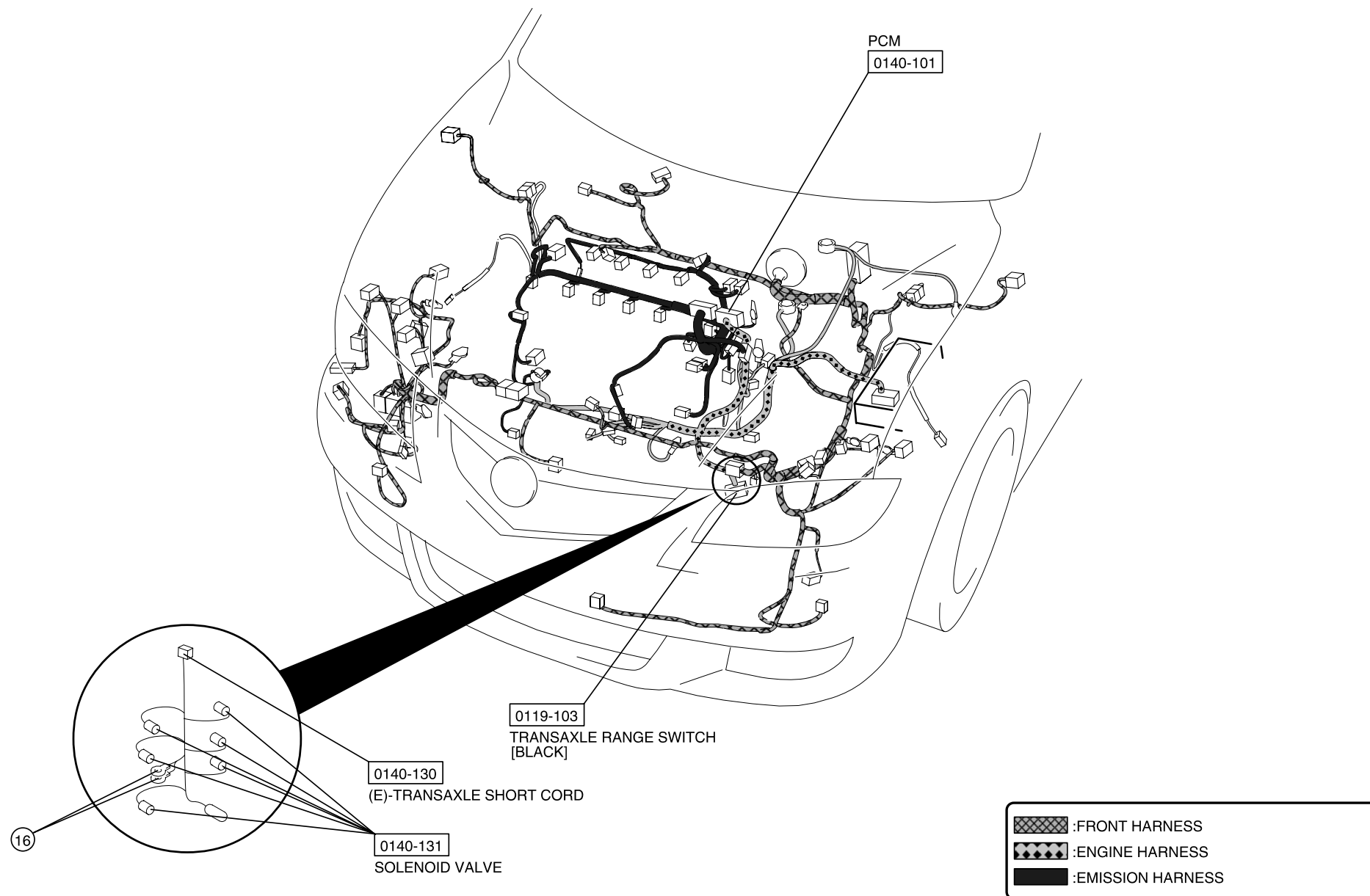


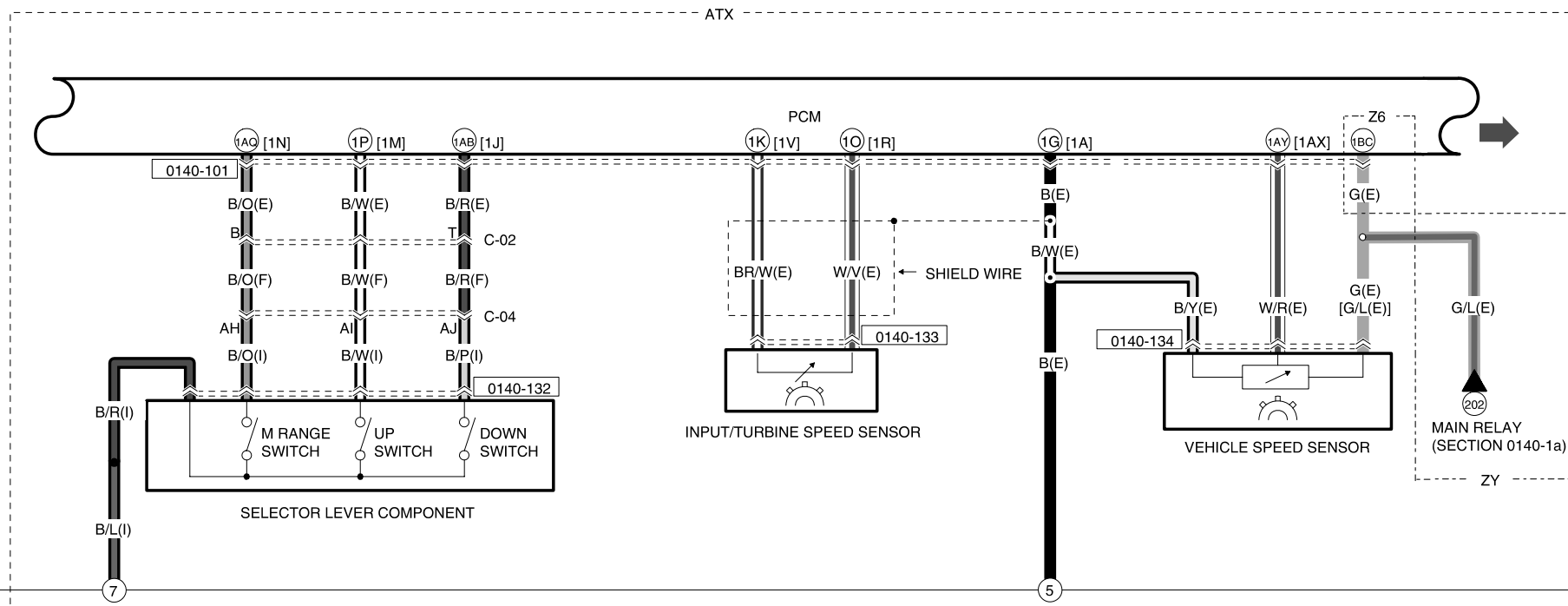
(ZY)

0140-130  
ENGINE HARNESS-TRANSAXLE  
SHORT CORD

ENGINE HARNESS

TRANSAXLE  
SHORT CORD0140-131  
SOLENOID VALVE0119-103  
TRANSAXLE RANGE SWITCH



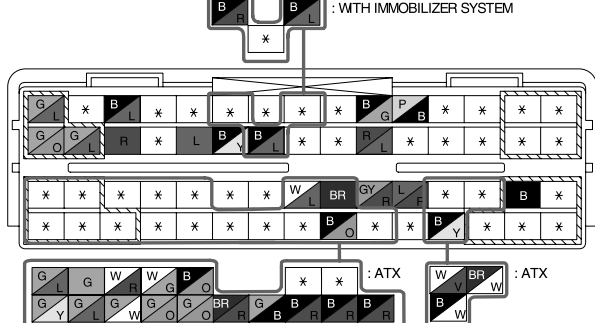


0140-101  
PCM

(Z6)

1BE 1BA 1AW 1AS 1AO 1AK 1AG 1AC 1Y 1U 1Q 1M 1I 1E 1A  
1BF 1BB 1AX 1AT 1AP 1AL 1AH 1AD 1Z 1V 1R 1N 1J 1F 1B

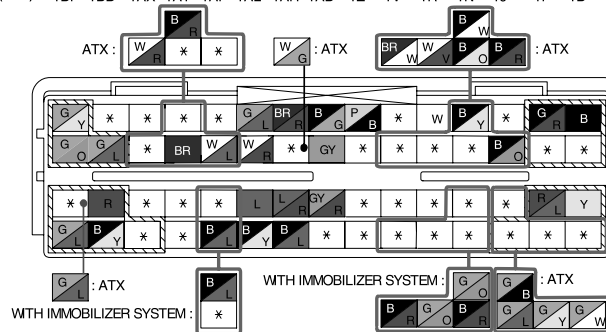
: WITH IMMOBILIZER SYSTEM



1BG 1BC 1AY 1AU 1AQ 1AM 1AI 1AE 1AA 1W 1S 1O 1K 1G 1C  
1BH 1BD 1AZ 1AV 1AR 1AN 1AJ 1AF 1AB 1X 1T 1P 1L 1H 1D

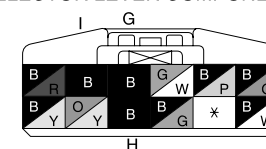
(ZY)

1BE 1BA 1AW 1AS 1AO 1AK 1AG 1AC 1Y 1U 1Q 1M 1I 1E 1A  
1BF 1BB 1AX 1AT 1AP 1AL 1AH 1AD 1Z 1V 1R 1N 1J 1F 1B

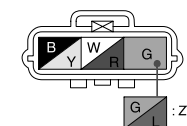


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1BH 1BD 1AZ 1AV 1AR 1AN 1AJ 1AF 1AB 1X 1T 1P 1L 1H 1D

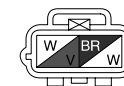
0140-132  
SELECTOR LEVER COMPONENT

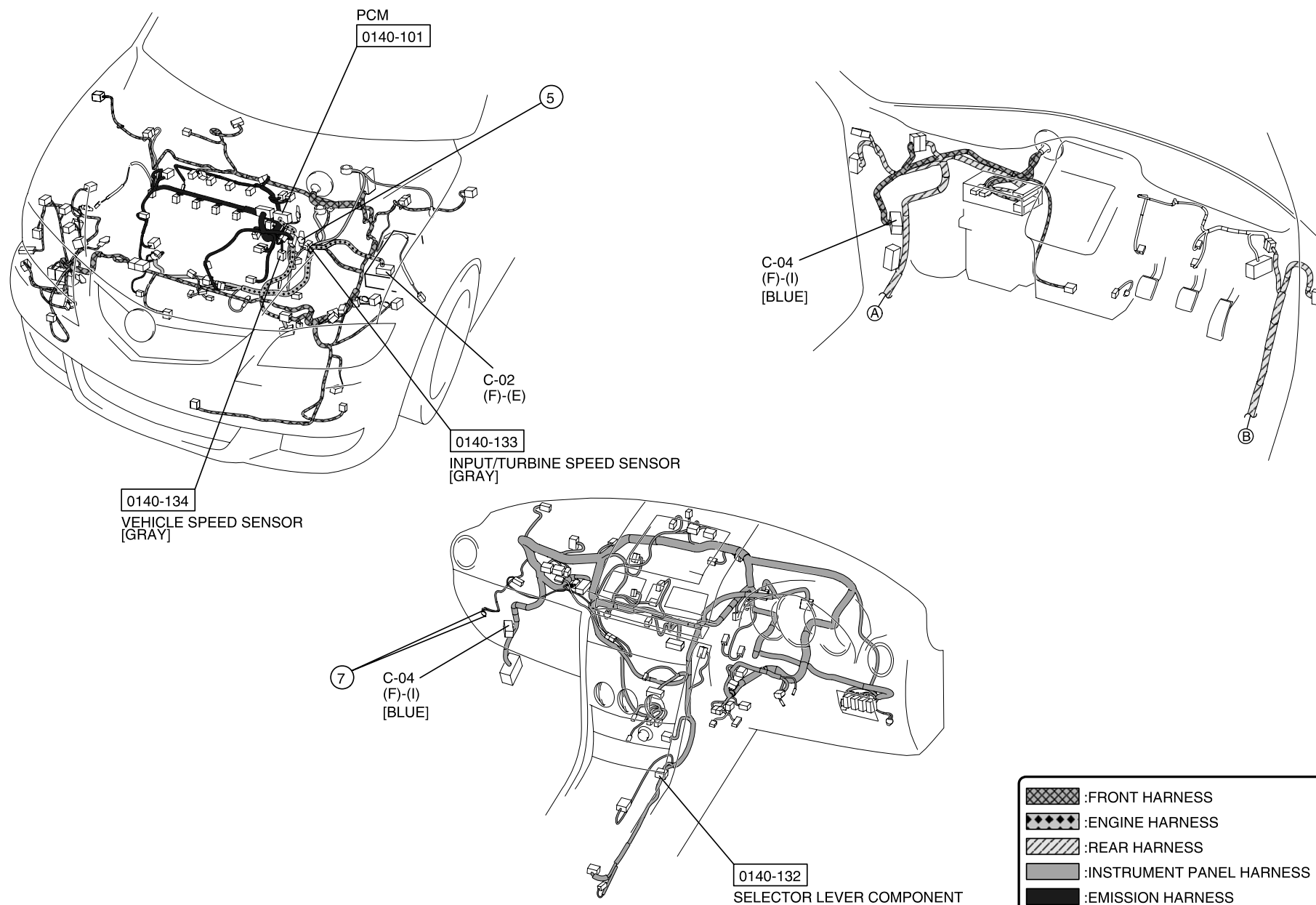


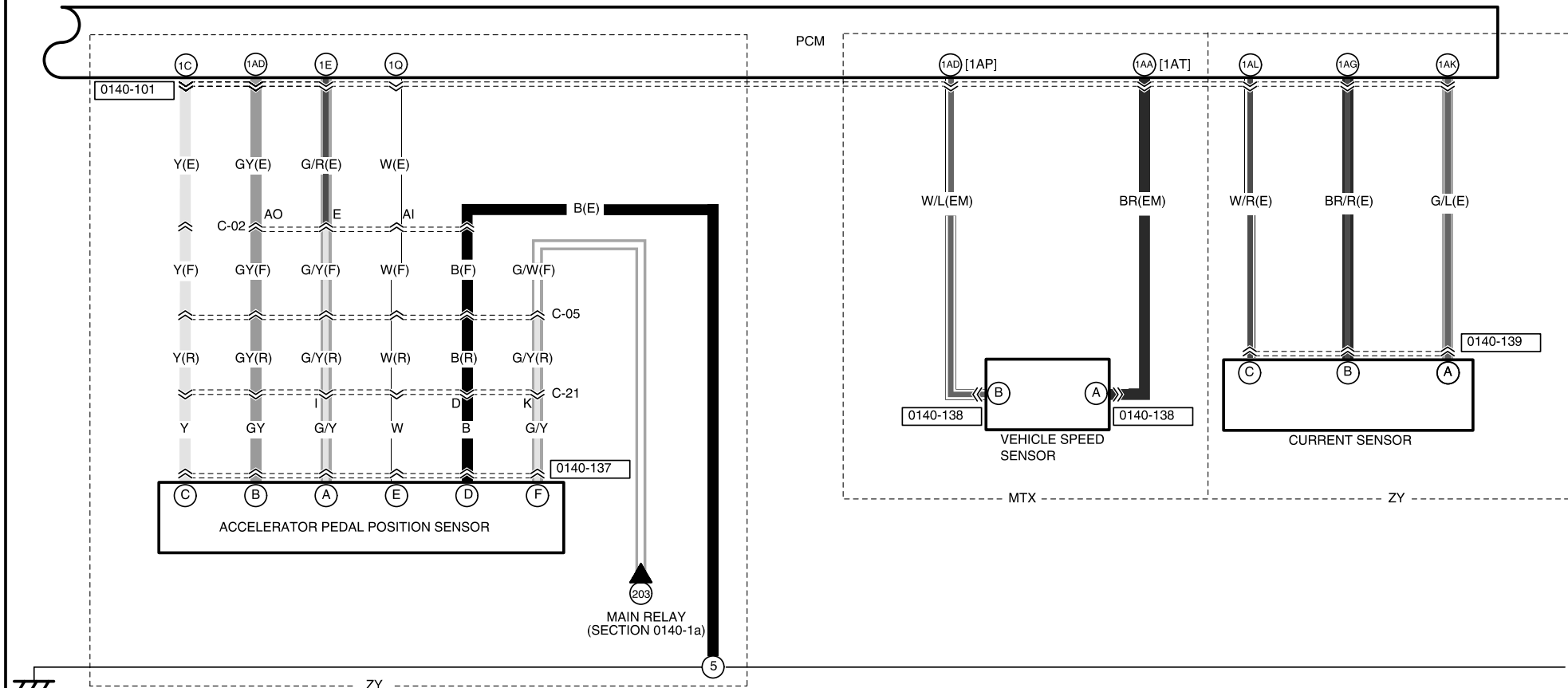
0140-134  
VEHICLE SPEED SENSOR



0140-133  
INPUT/TURBINE  
SPEED SENSOR

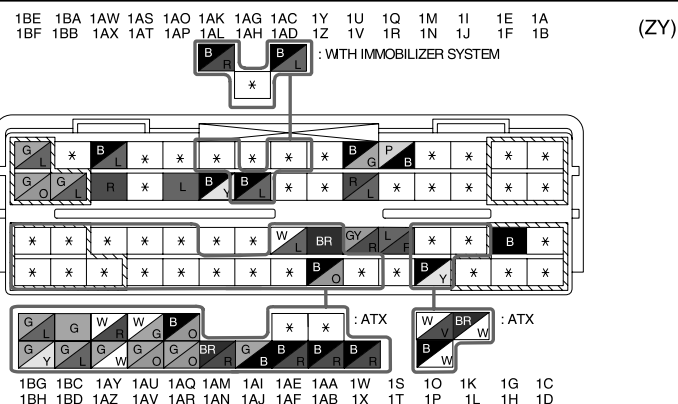




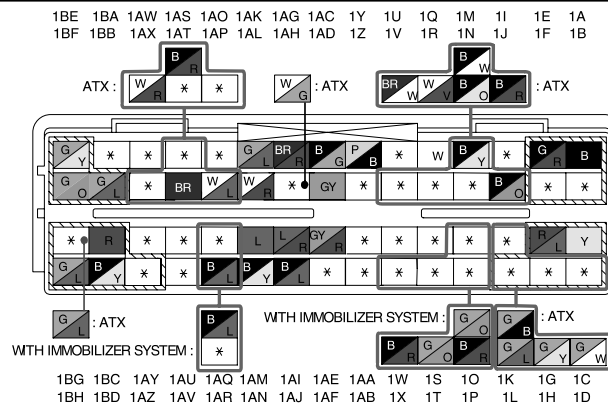


0140-101  
PCM

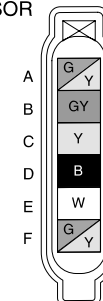
(Z6)



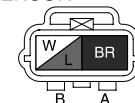
(ZY)



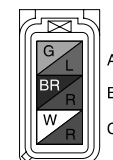
0140-137  
ACCELERATOR  
PEDAL  
POSITION  
SENSOR



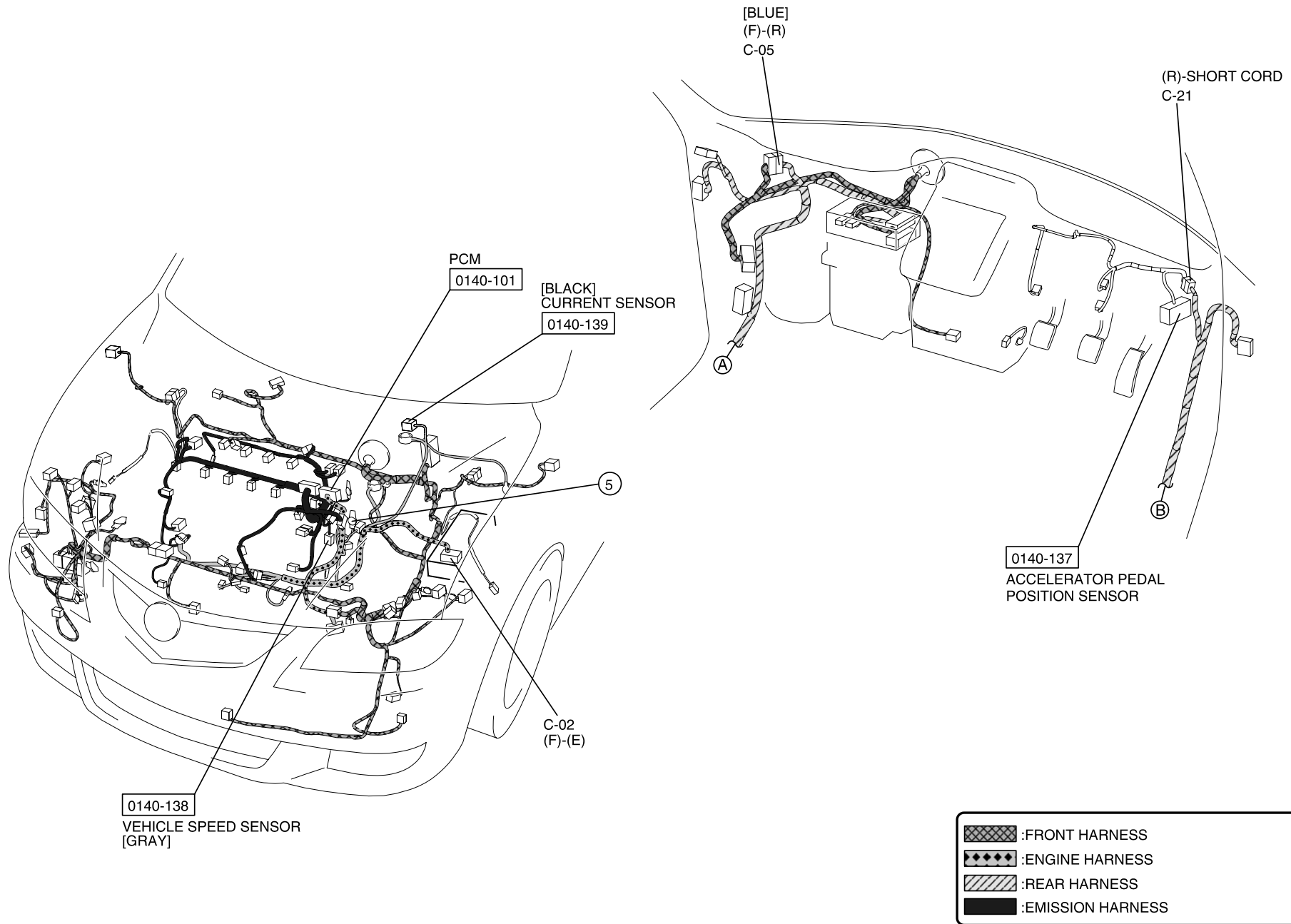
0140-138  
VEHICLE SPEED  
SENSOR



0140-139  
CURRENT SENSOR

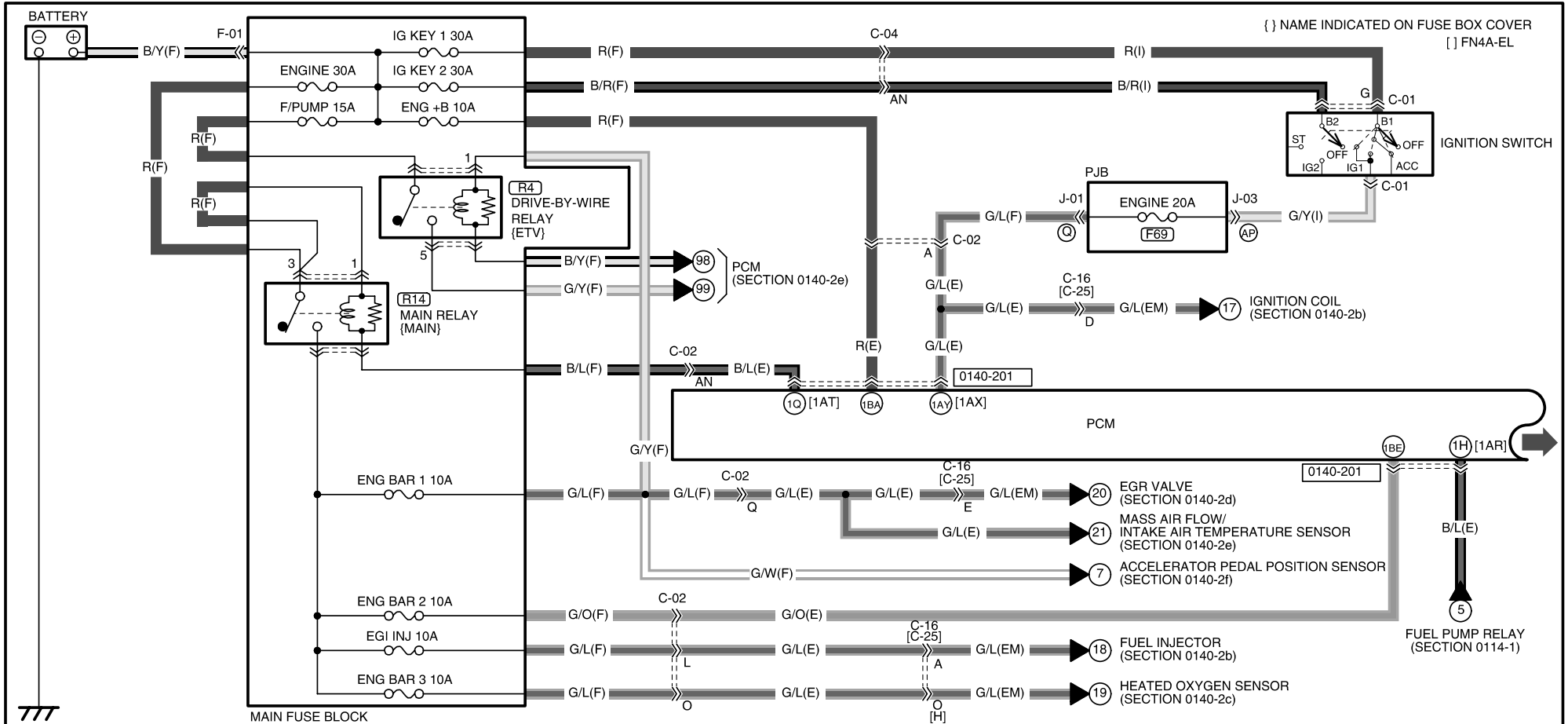




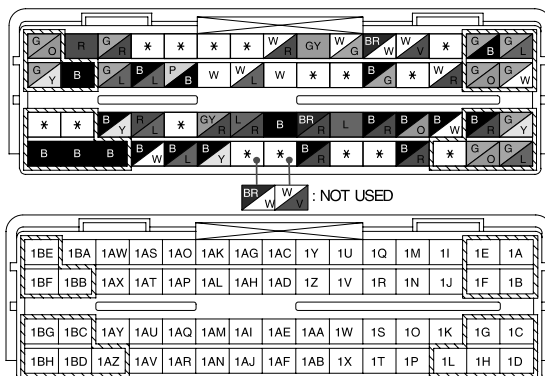


## CONTROL SYSTEM (LF,L3:INCLUDES AUTOMATIC TRANSAXLE CONTROL INFORMATION)

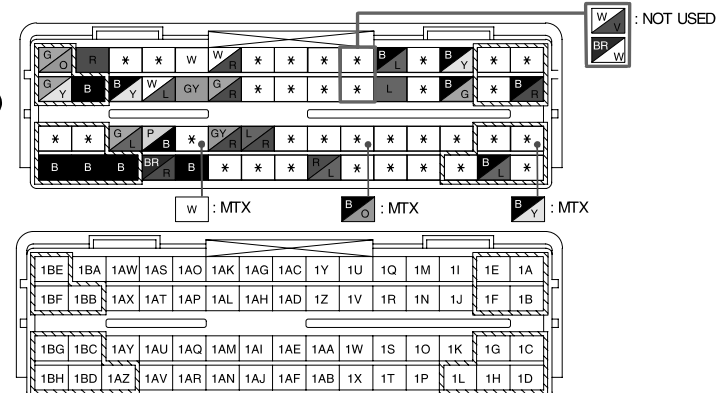
0140-2a


0140-201  
PCM

(FN4A- EL)

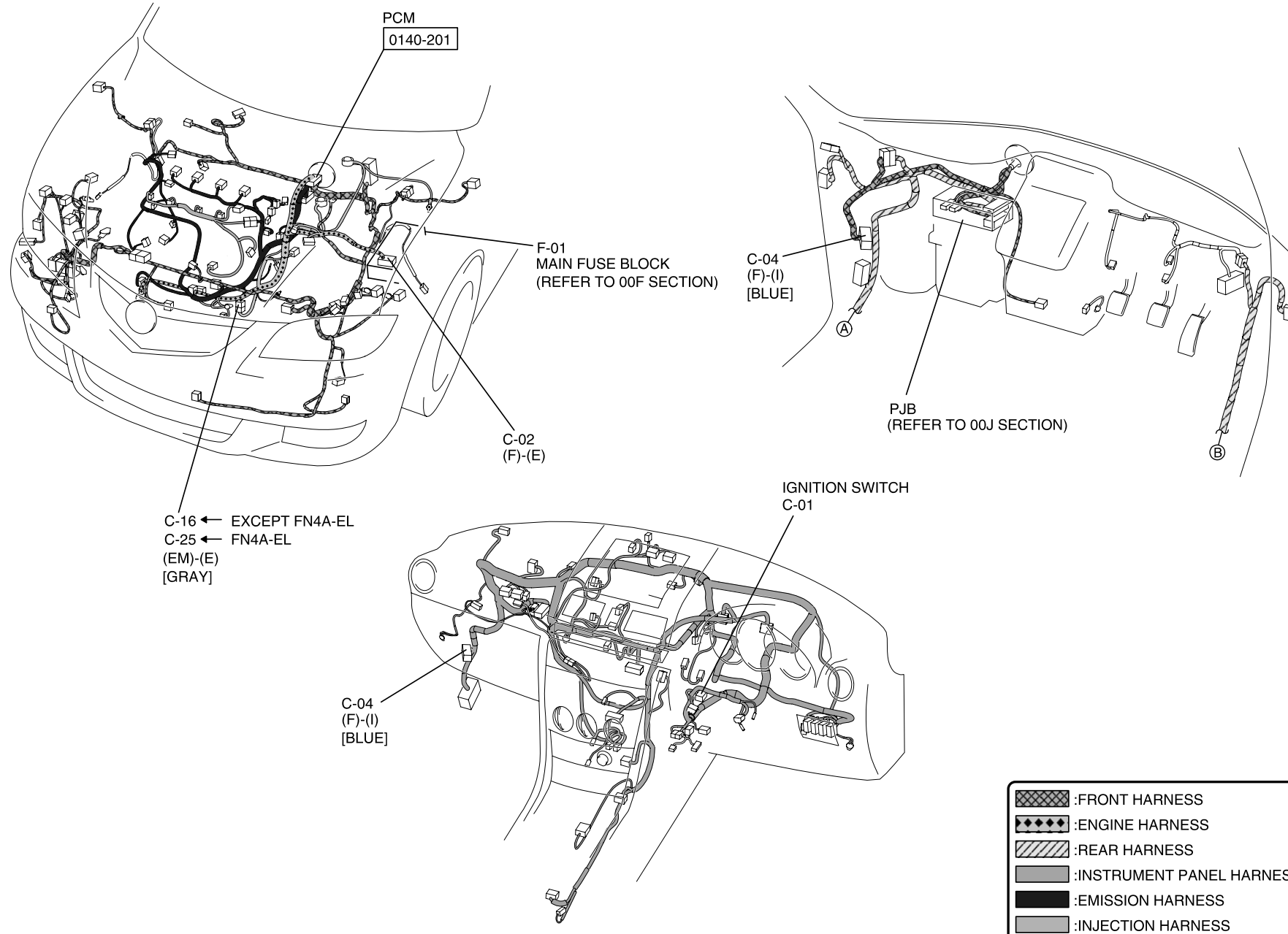


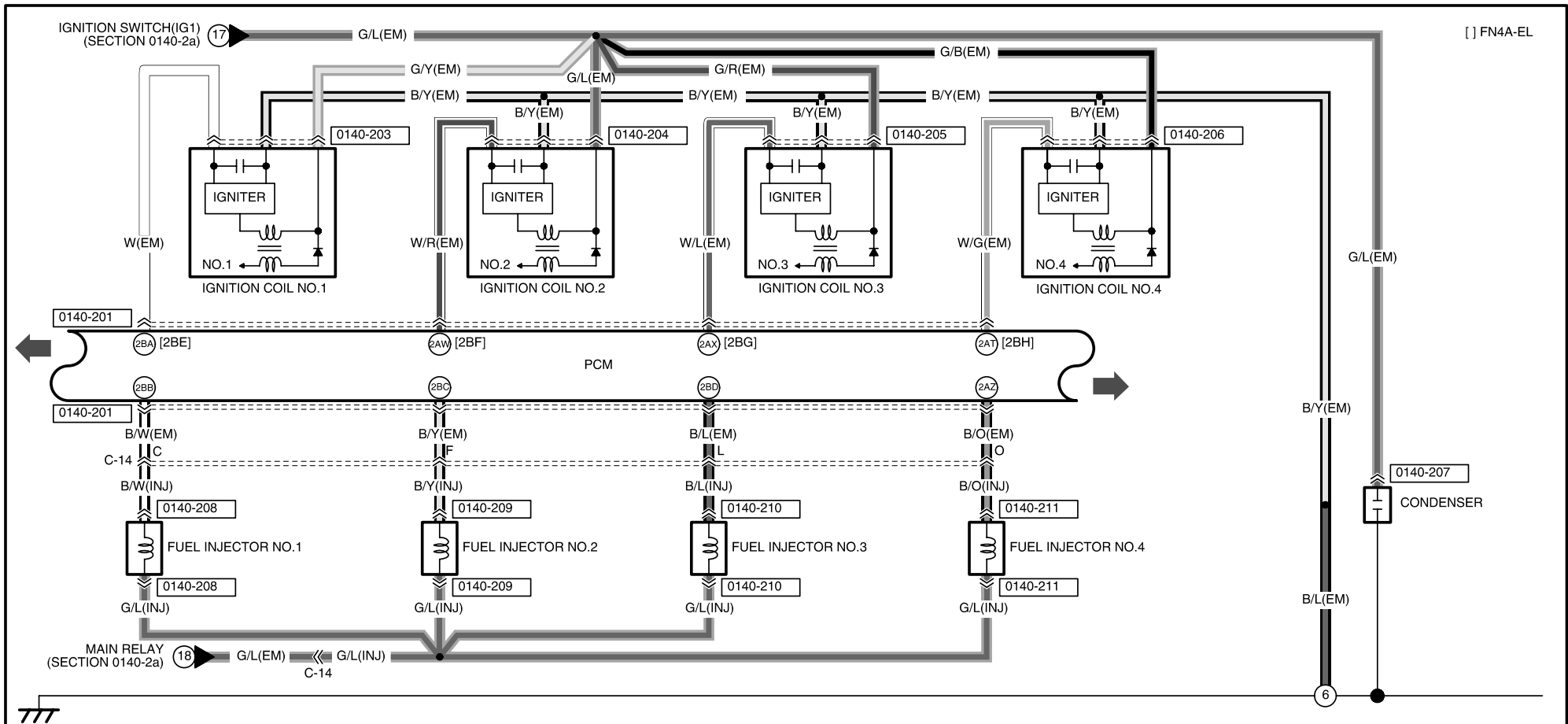
(EXCEPT  
FN4A- EL)



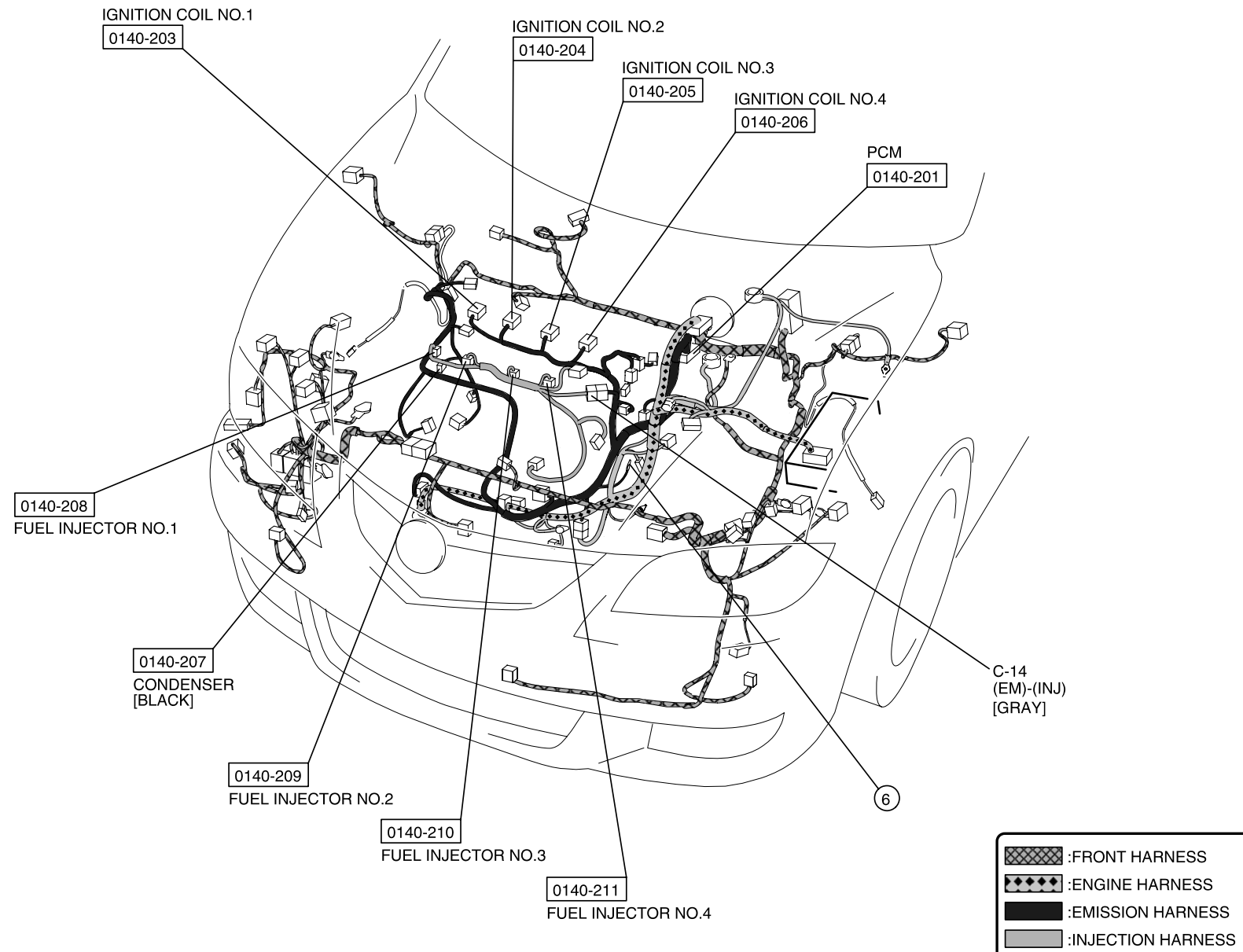
 : NOT USED

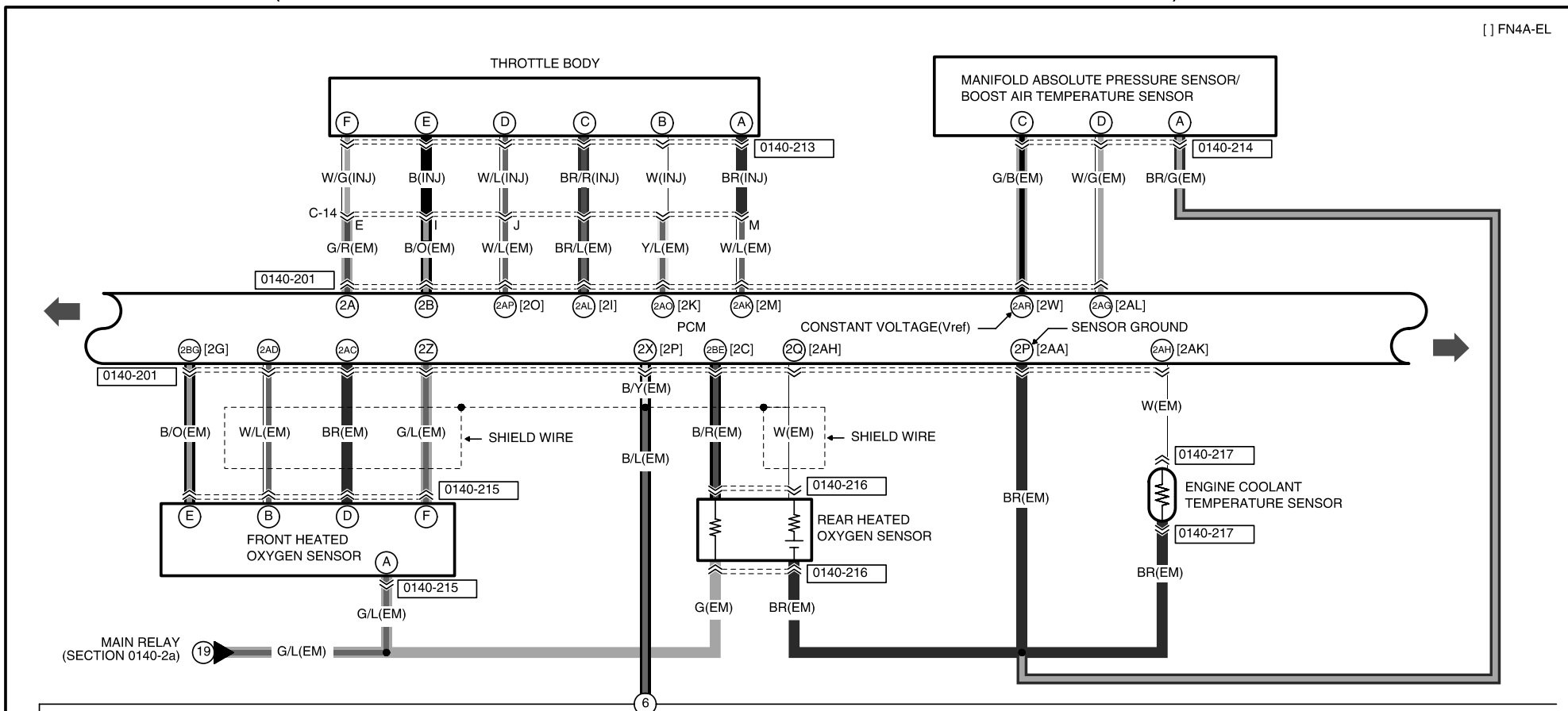
$\begin{array}{|c|} \hline W \\ \hline \end{array} : \text{MTX}$        $\begin{array}{|c|} \hline B \\ \hline O \\ \hline \end{array} : \text{MTX}$        $\begin{array}{|c|} \hline B \\ \hline Y \\ \hline \end{array} : \text{MTX}$



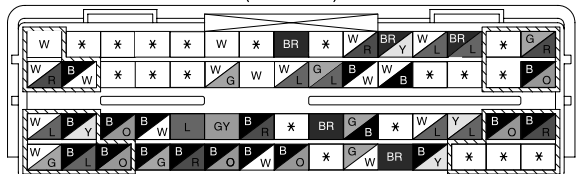


<p>0140-201 PCM (FN4A-EL)</p>	<p>0140-203 IGNITION COIL NO.1</p>	<p>0140-204 IGNITION COIL NO.2</p>	<p>0140-205 IGNITION COIL NO.3</p>	<p>0140-206 IGNITION COIL NO.4</p>	<p>0140-207 CONDENSER</p>
<p>(EXCEPT FN4A-EL)</p>	<p>0140-208 FUEL INJECTOR NO.1</p>	<p>0140-209 FUEL INJECTOR NO.2</p>	<p>0140-210 FUEL INJECTOR NO.3</p>	<p>0140-211 FUEL INJECTOR NO.4</p>	



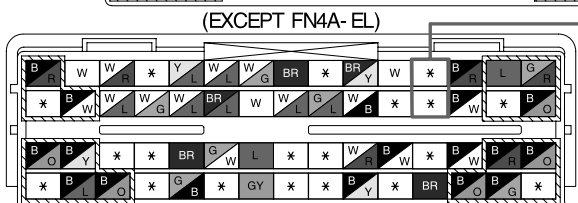
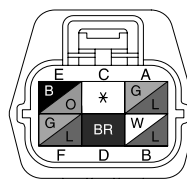
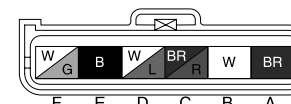
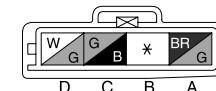
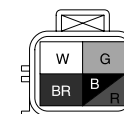
0140-201  
PCM

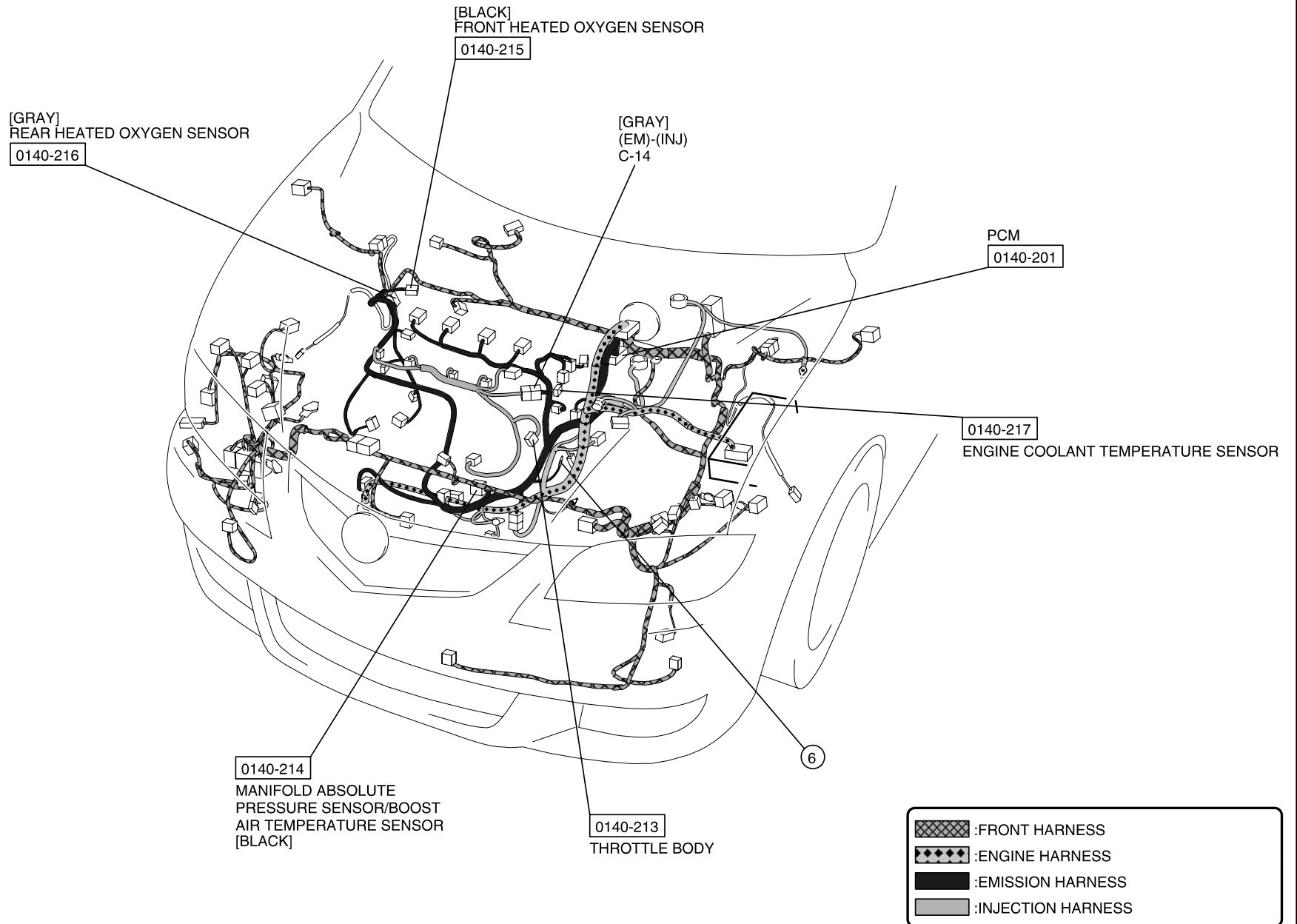
(FN4A-EL)

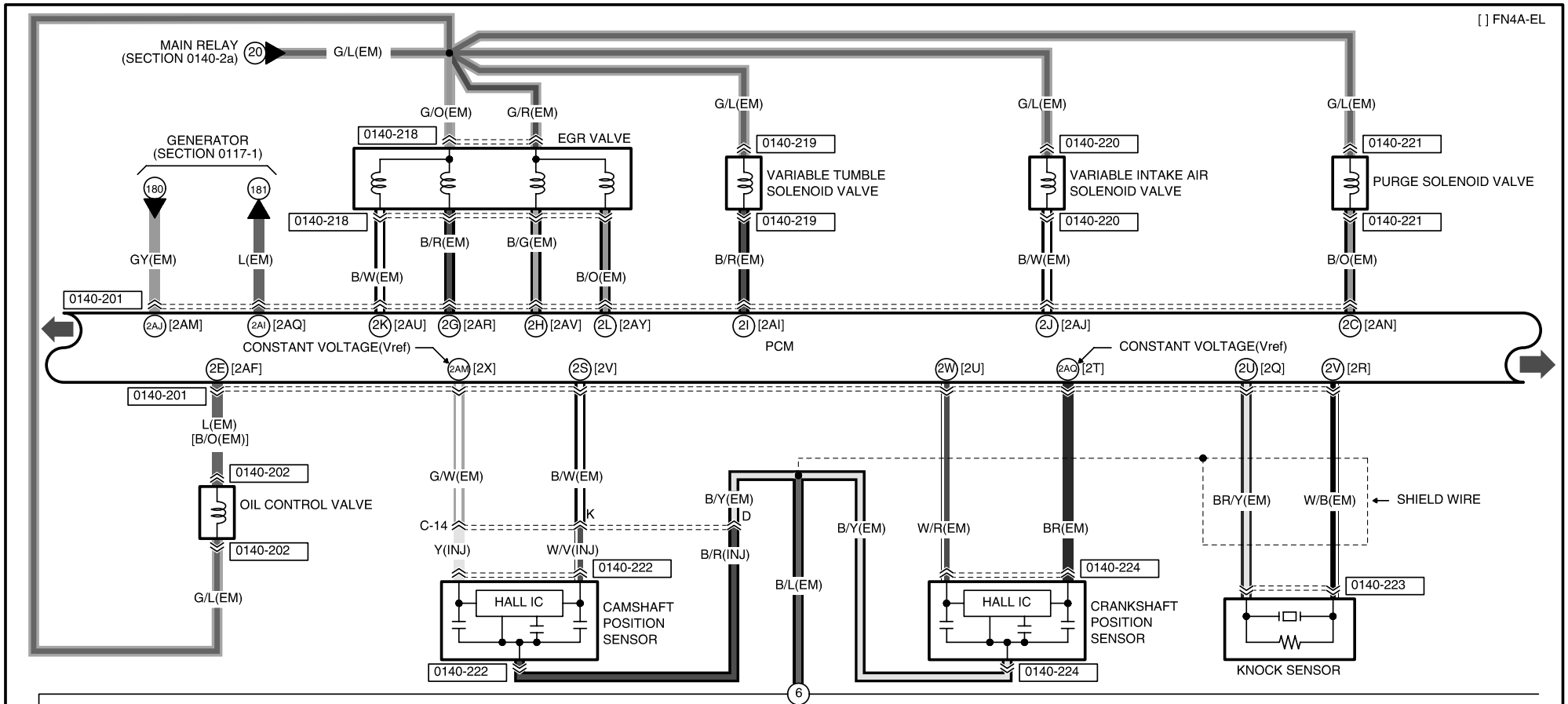


(EXCEPT FN4A-EL)

W : MTX

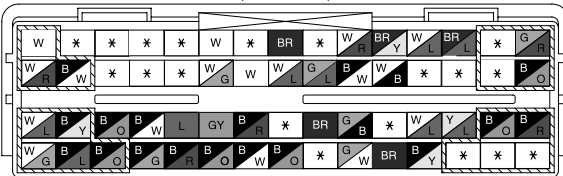
0140-215  
FRONT HEATED  
OXYGEN  
SENSOR0140-213  
THROTTLE BODY0140-214  
MANIFOLD ABSOLUTE  
PRESSURE SENSOR/  
BOOST AIR TEMPERATURE  
SENSOR0140-216  
REAR HEATED OXYGEN SENSOR0140-217  
ENGINE COOLANT  
TEMPERATURE SENSOR



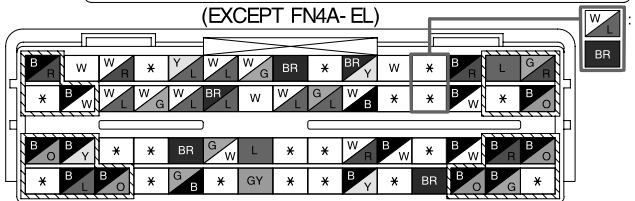


0140-201  
PCM

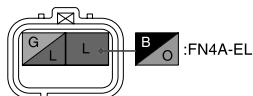
(FN4A-EL)



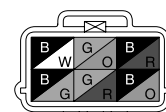
(EXCEPT FN4A-EL)



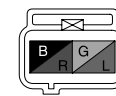
0140-202  
OIL CONTROL VALVE



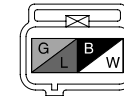
0140-218  
EGR VALVE



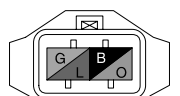
0140-219  
VARIABLE TUMBLE  
SOLENOID VALVE



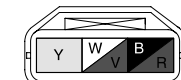
0140-220  
VARIABLE INTAKE AIR  
SOLENOID VALVE



0140-221  
PURGE SOLENOID  
VALVE



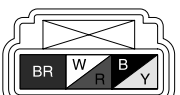
0140-222  
CAMSHAFT  
POSITION SENSOR



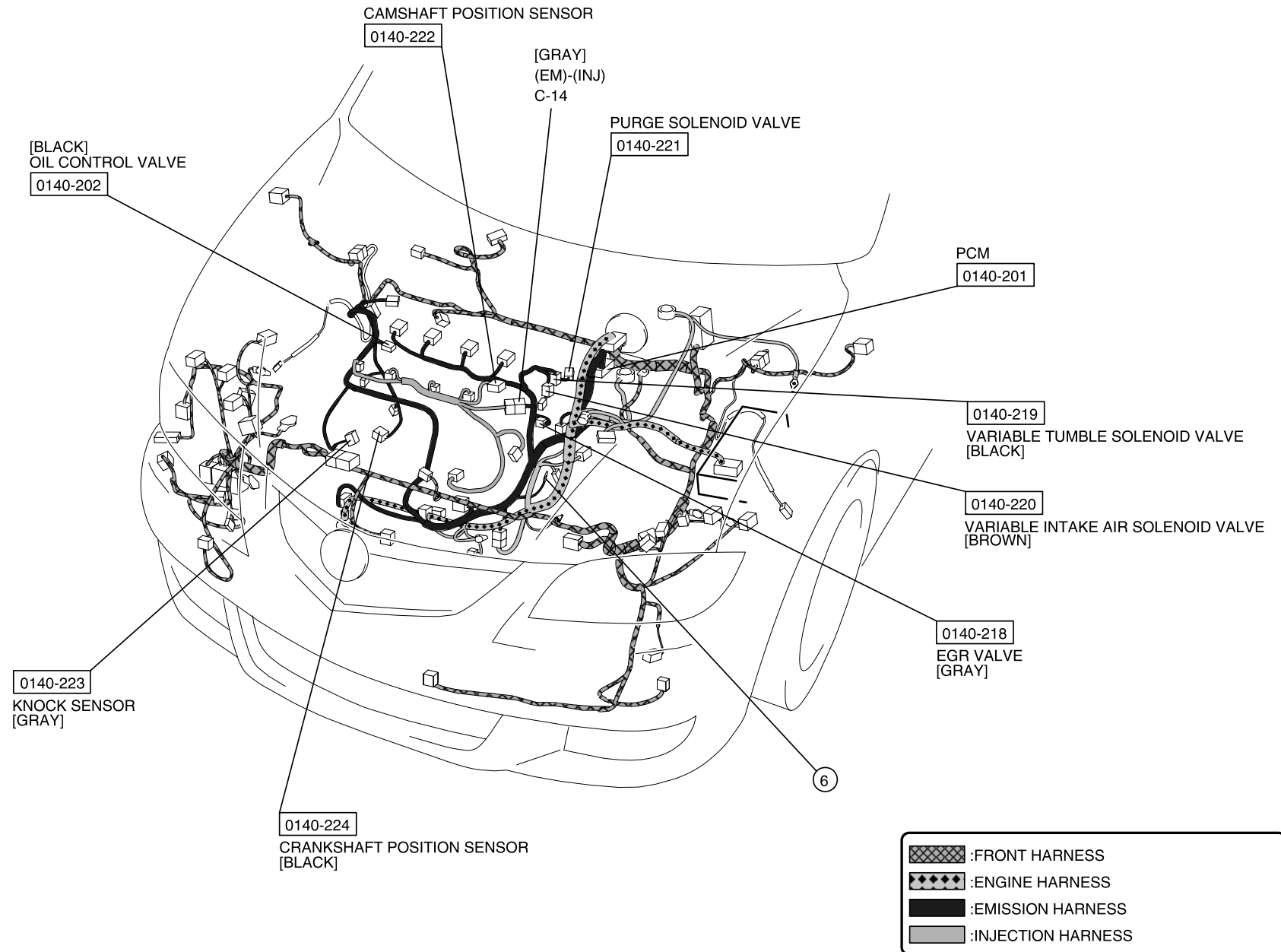
0140-223  
KNOCK SENSOR

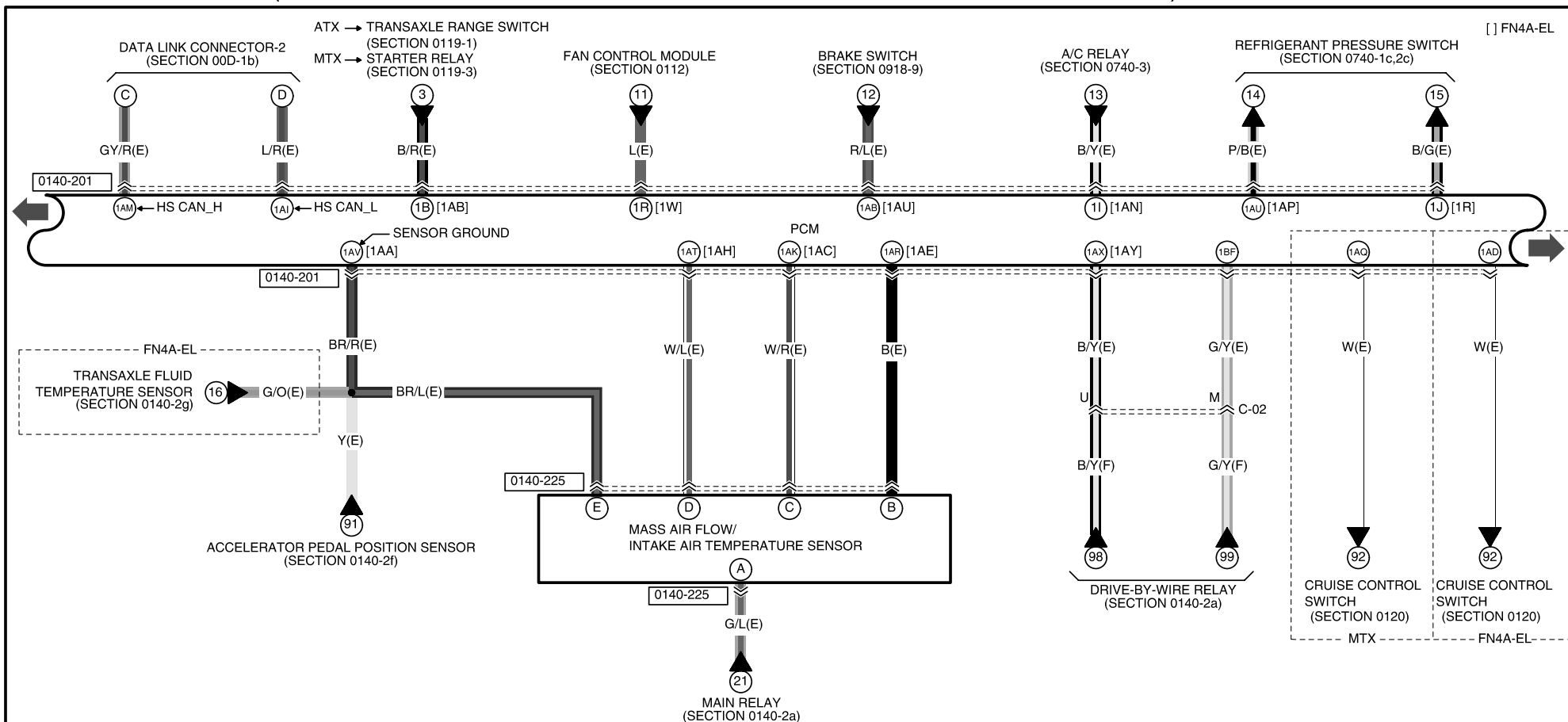


0140-224  
CRANKSHAFT  
POSITION SENSOR



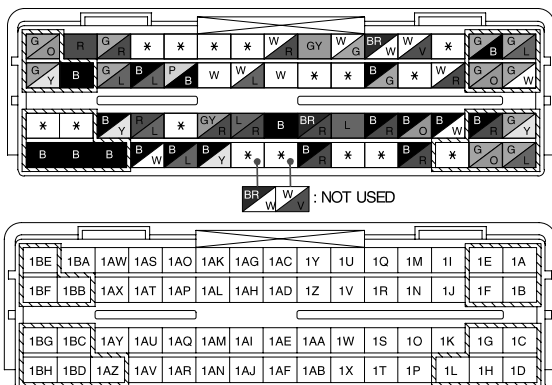




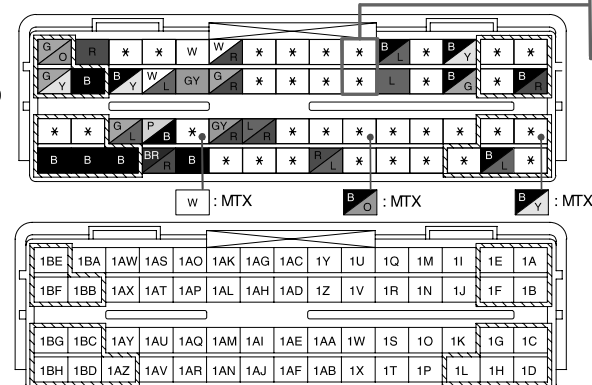


0140-201  
PCM

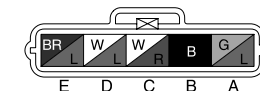
(FN4A-EL)

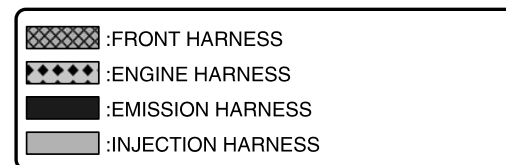
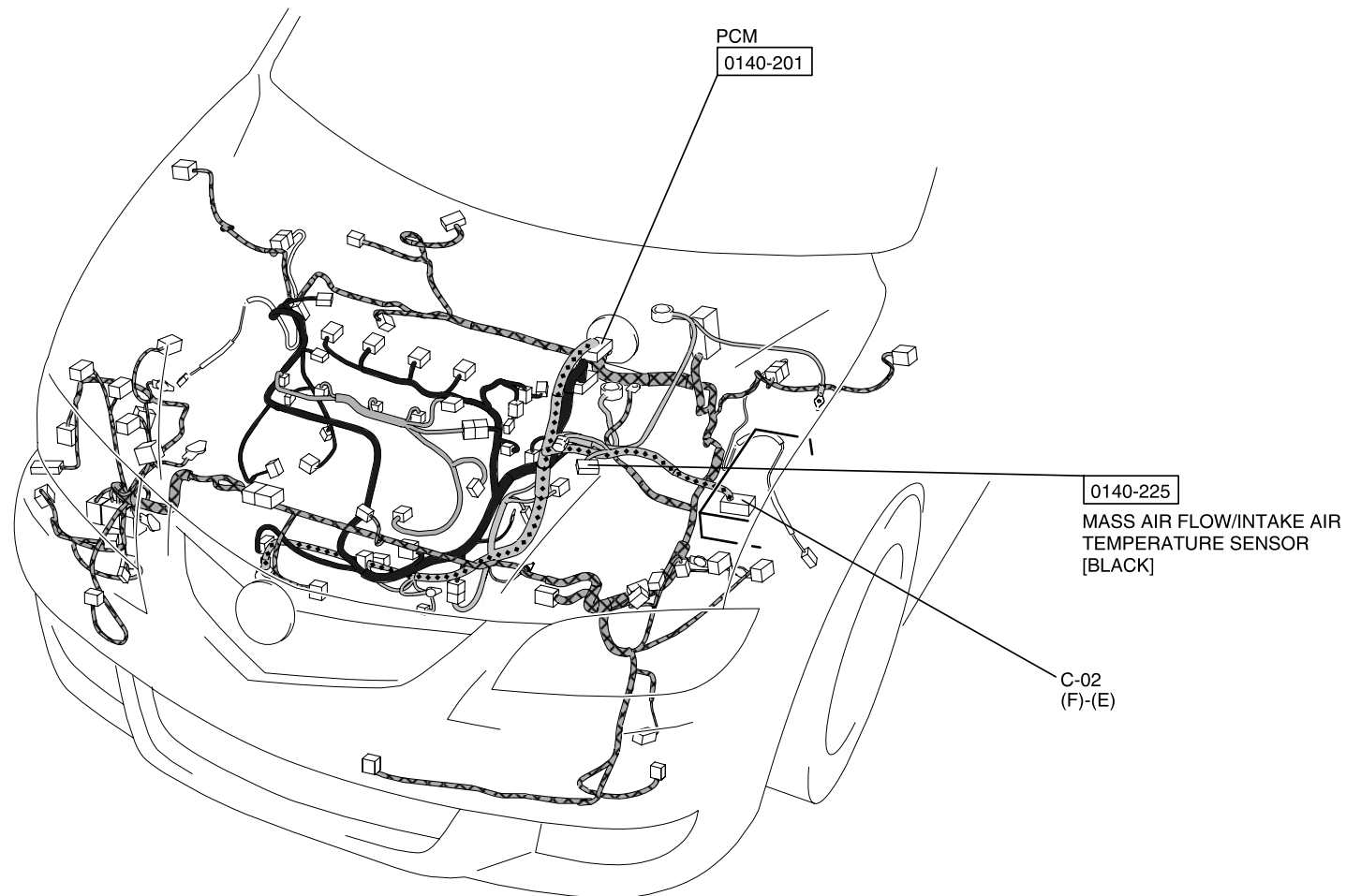


(EXCEPT  
FN4A-EL)

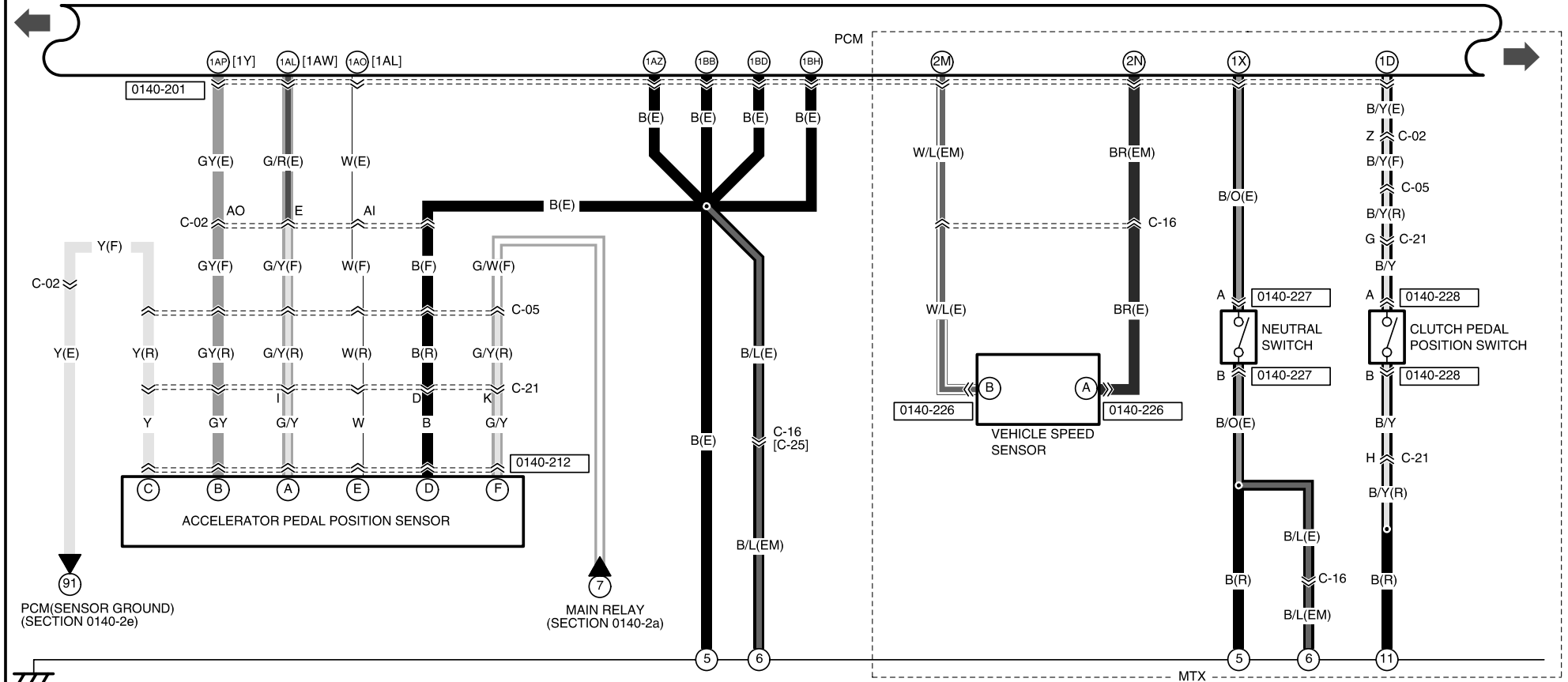


0140-225  
MASS AIR FLOW/INTAKE AIR  
TEMPERATURE SENSOR



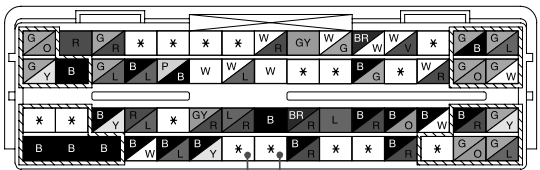


[ ] FN4A-EL

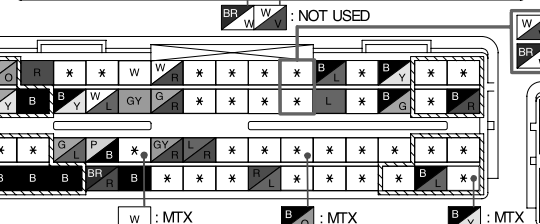


0140-201  
PCM

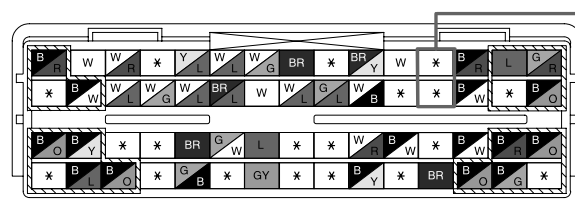
(FN4A-EL)



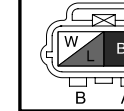
(EXCEPT  
FN4A-EL)



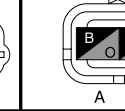
(EXCEPT  
FN4A-EL)



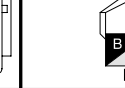
0140-226  
VEHICLE  
SPEED  
SENSOR



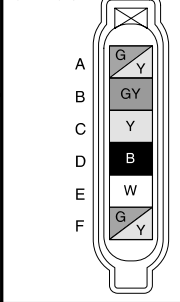
0140-227  
NEUTRAL  
SWITCH

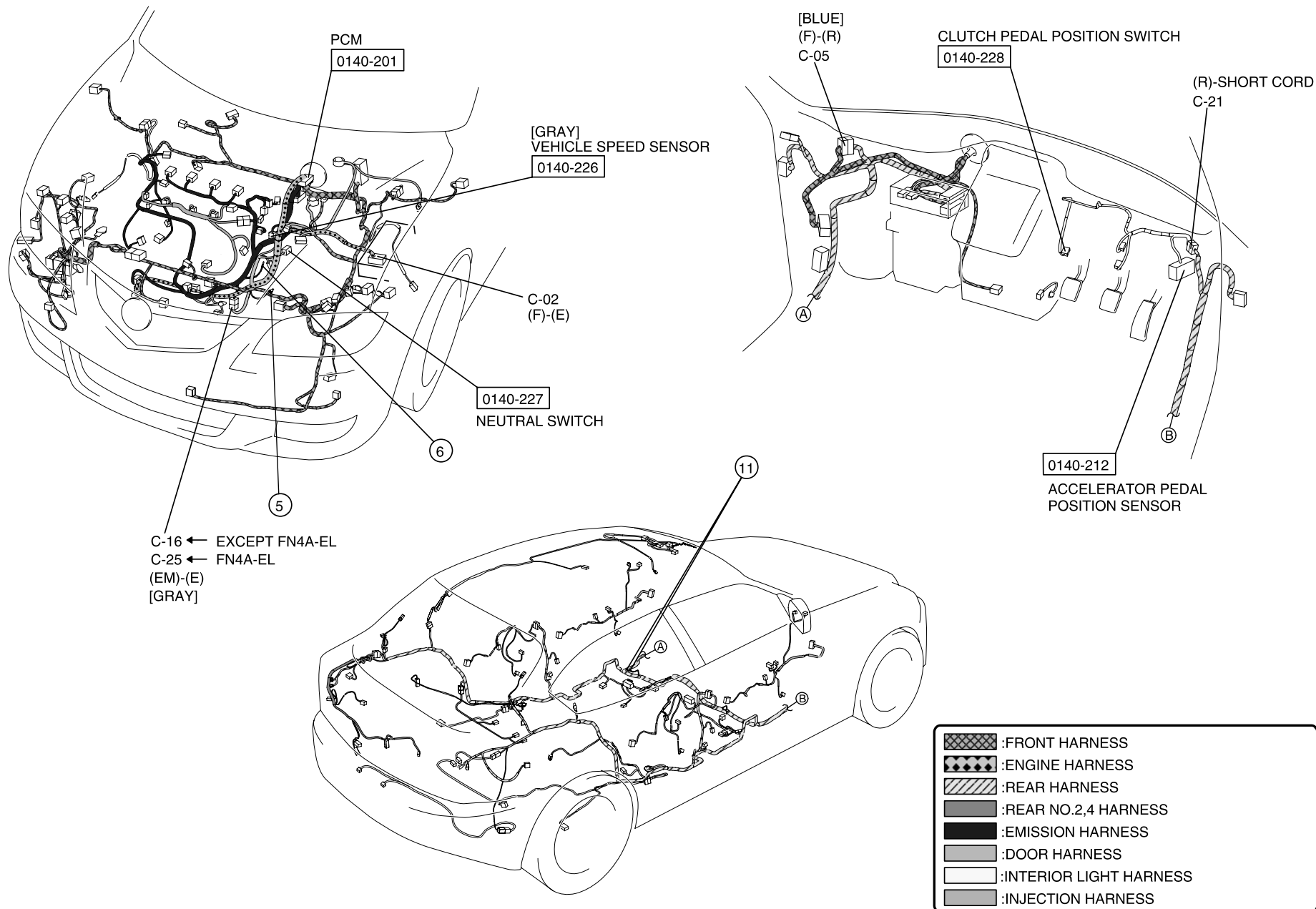


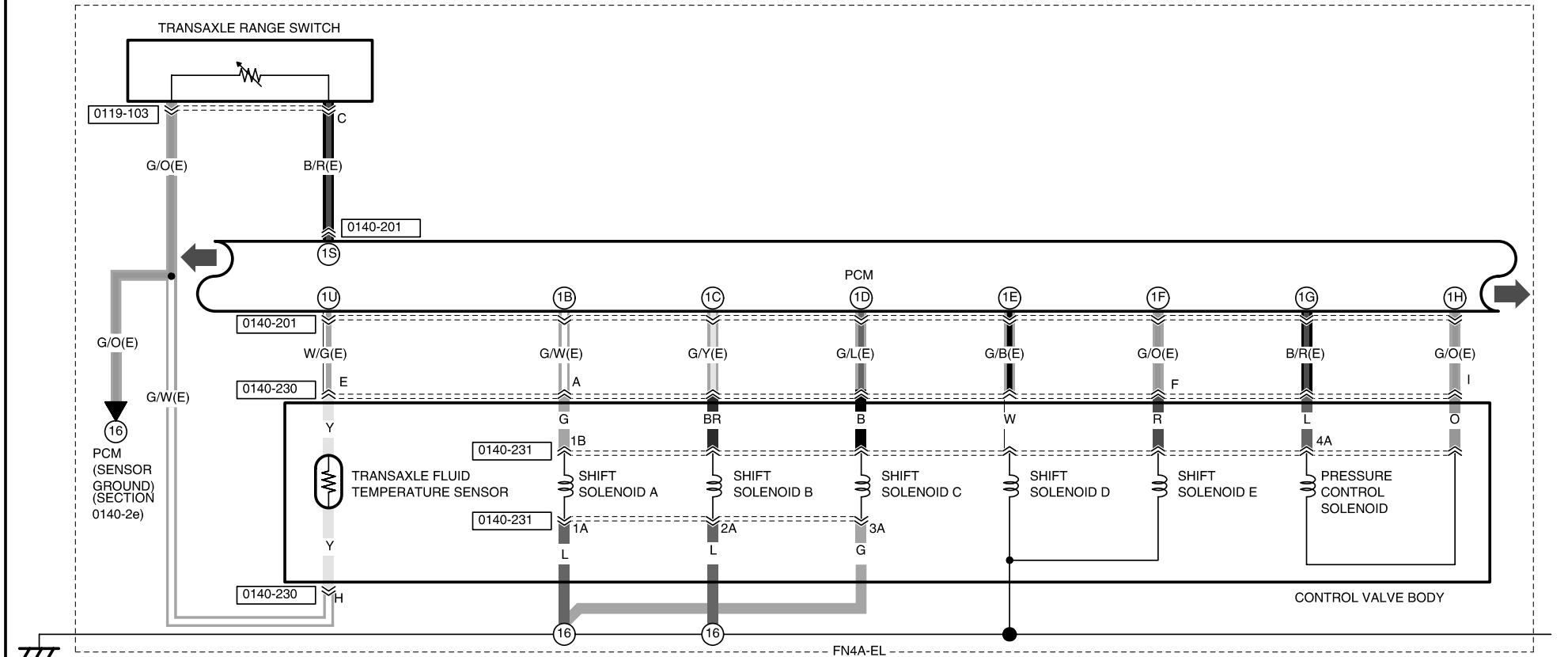
0140-228  
CLUTCH  
PEDAL  
POSITION  
SWITCH



0140-212  
ACCELERATOR  
PEDAL  
POSITION  
SENSOR

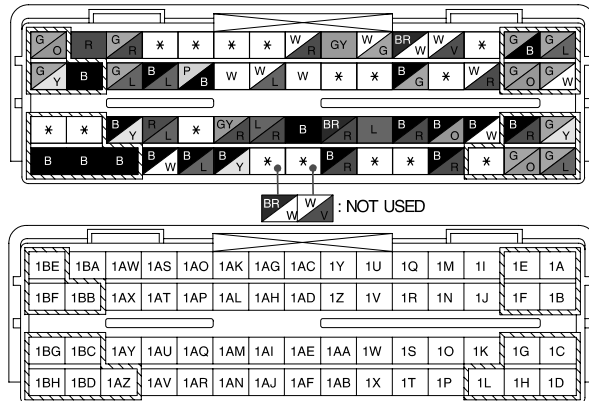




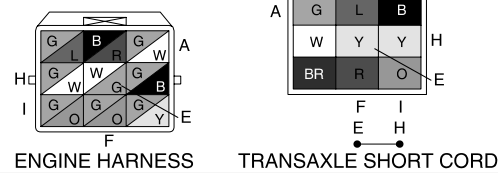


0140-201  
PCM

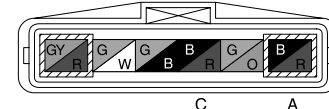
(FN4A-EL)



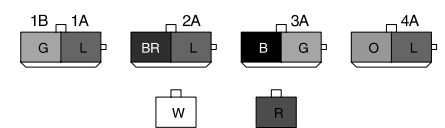
0140-230  
ENGINE HARNESS-TRANSAXLE  
SHORT CORD

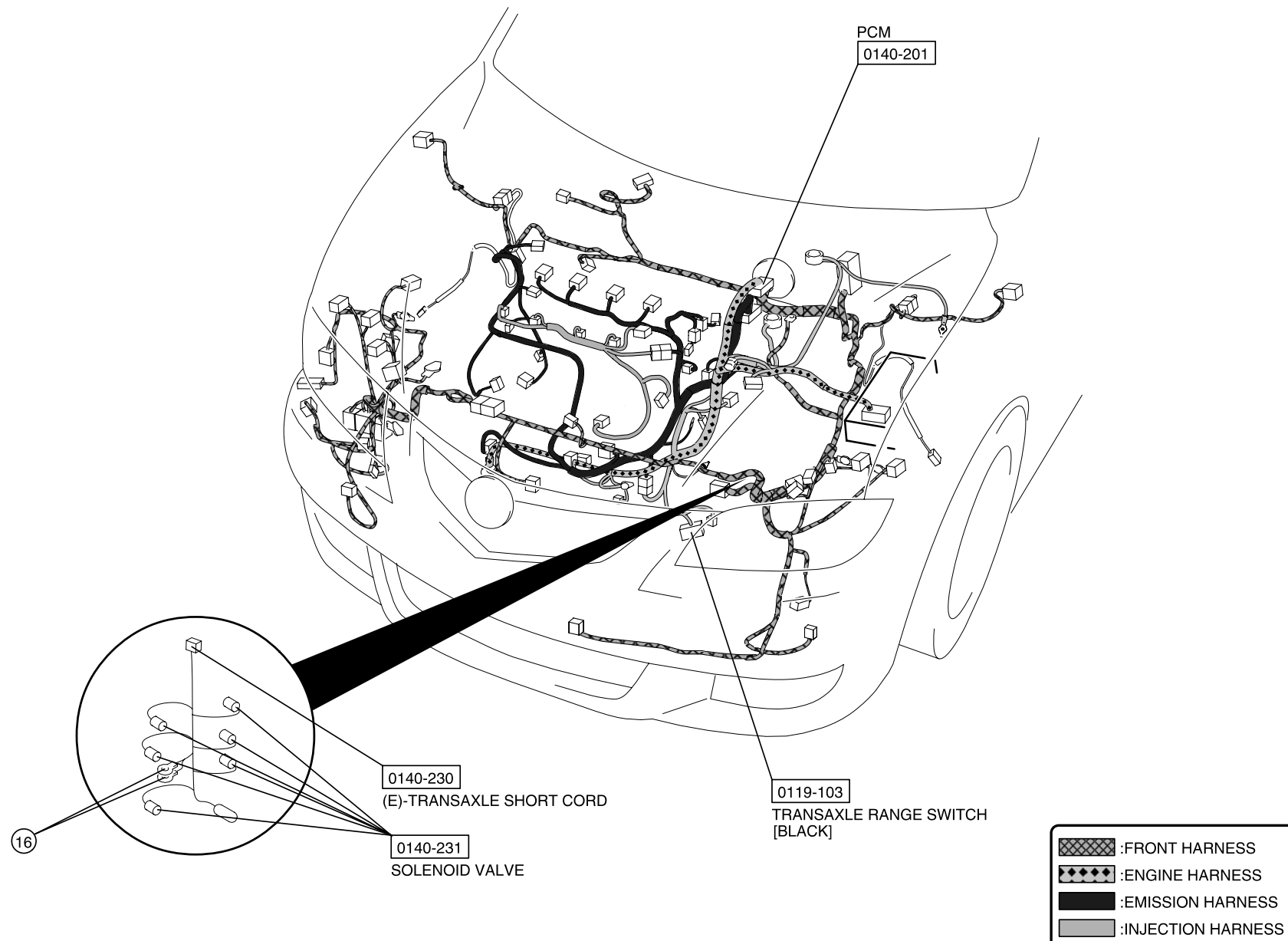


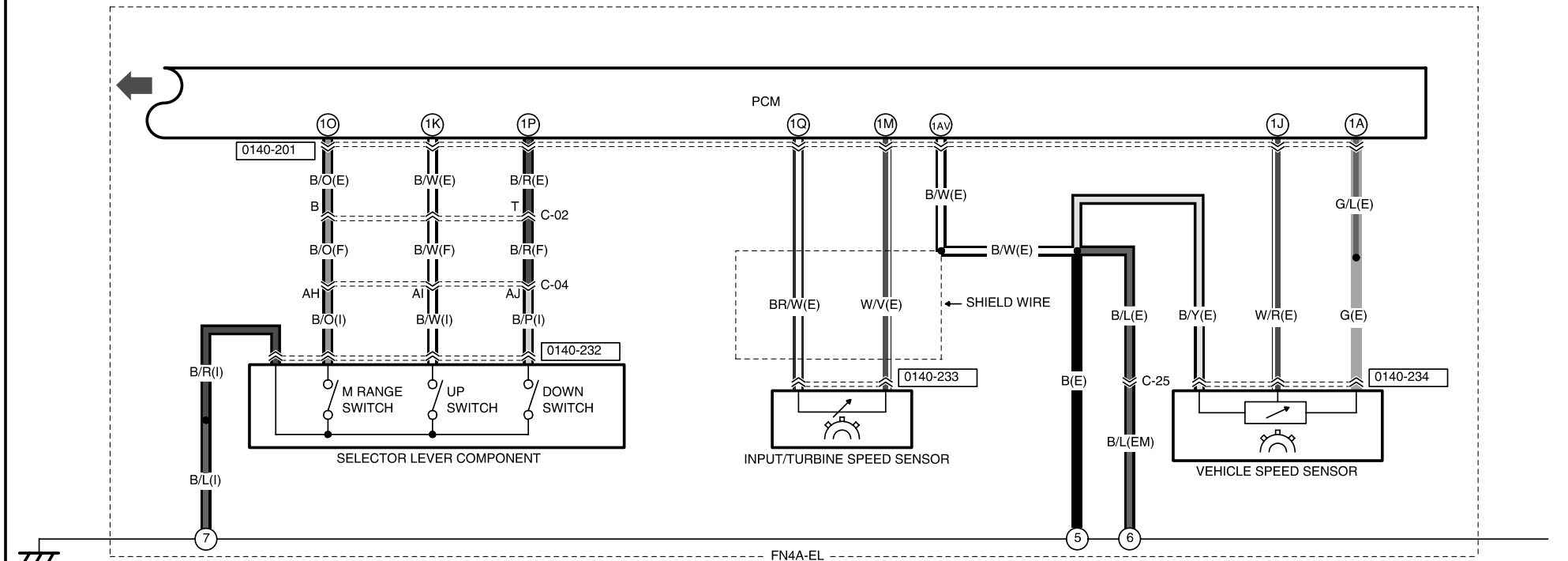
0119-103  
TRANSAXLE RANGE SWITCH



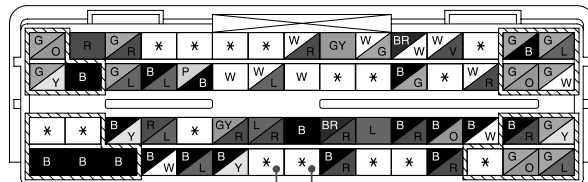
0140-231  
SOLENOID VALVE



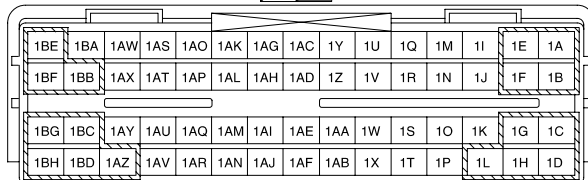
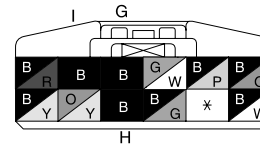
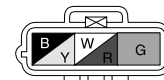


0140-201  
PCM

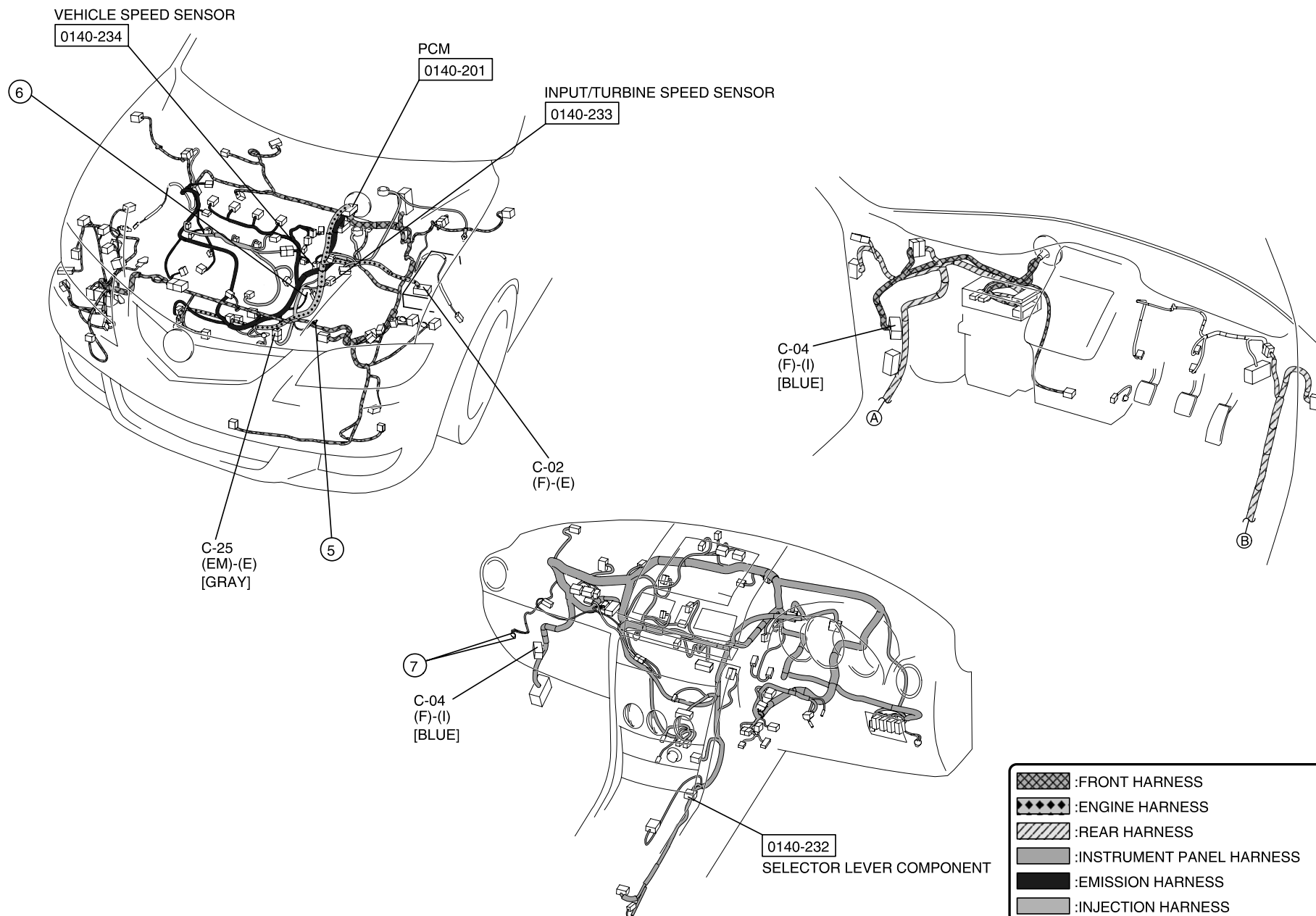
(FN4A-EL)

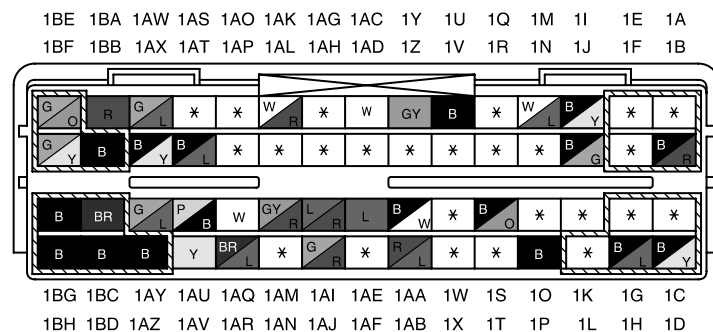
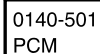


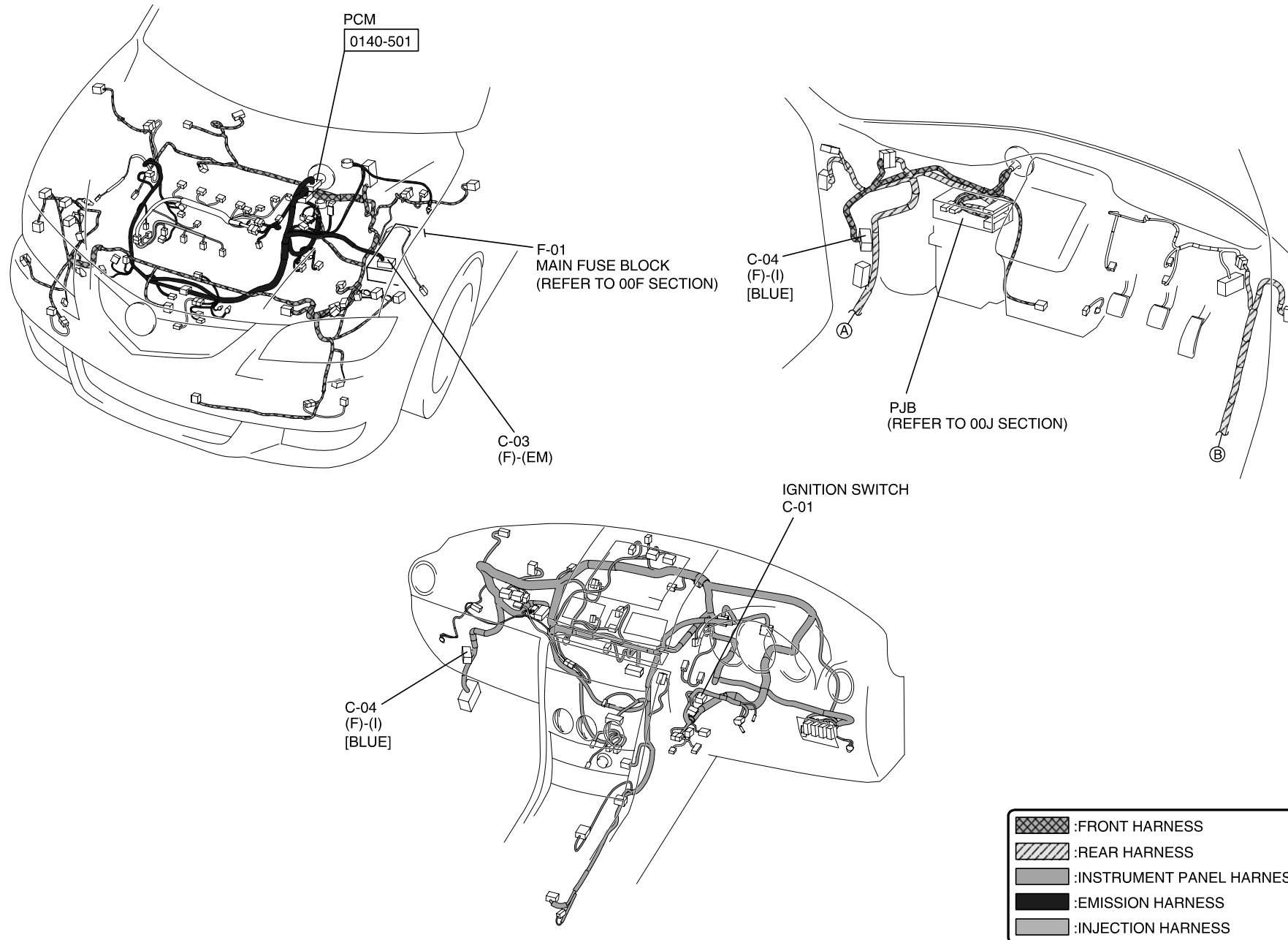
BR W V : NOT USED

0140-232  
SELECTOR LEVER COMPONENT0140-234  
VEHICLE SPEED SENSOR0140-233  
INPUT/TURBINE SPEED SENSOR



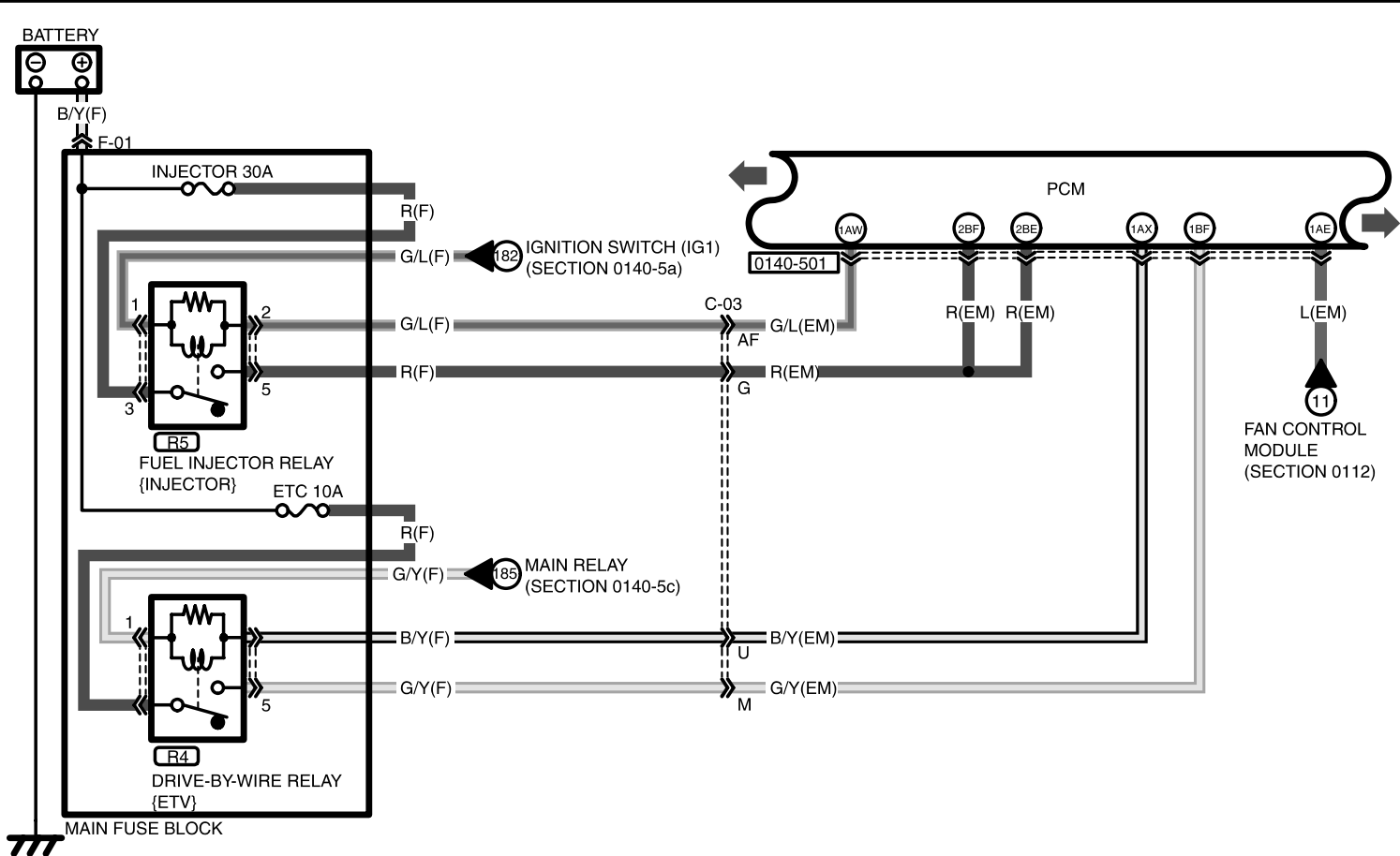




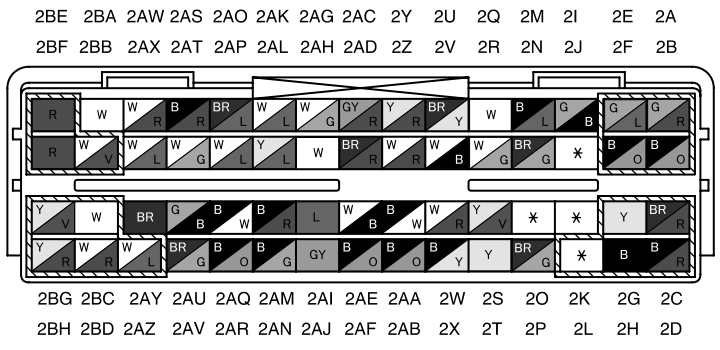
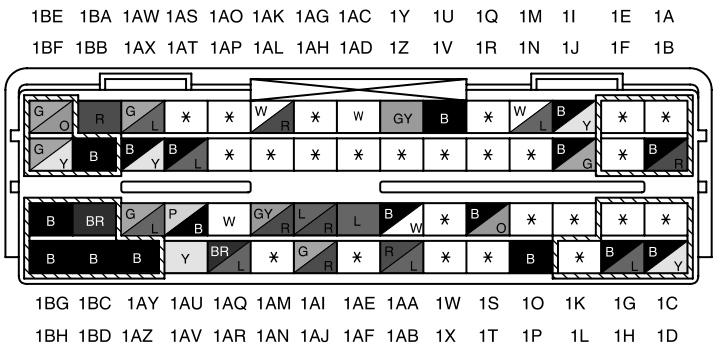


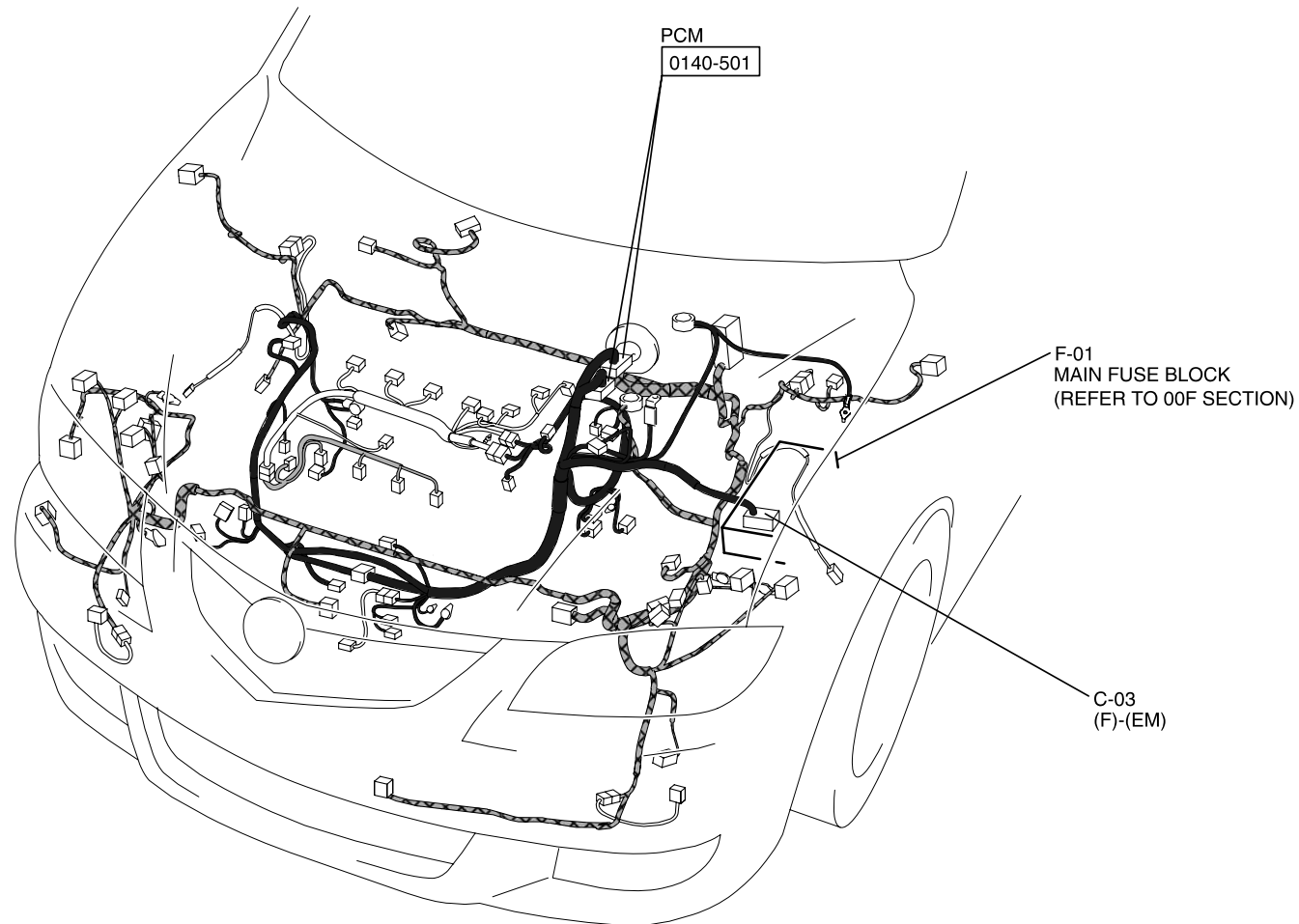
{ } NAME INDICATED ON FUSE BOX COVER





92



0140-501  
PCM





	:FRONT HARNESS
	:ENGINE HARNESS
	:EMISSION HARNESS
	:INJECTION HARNESS

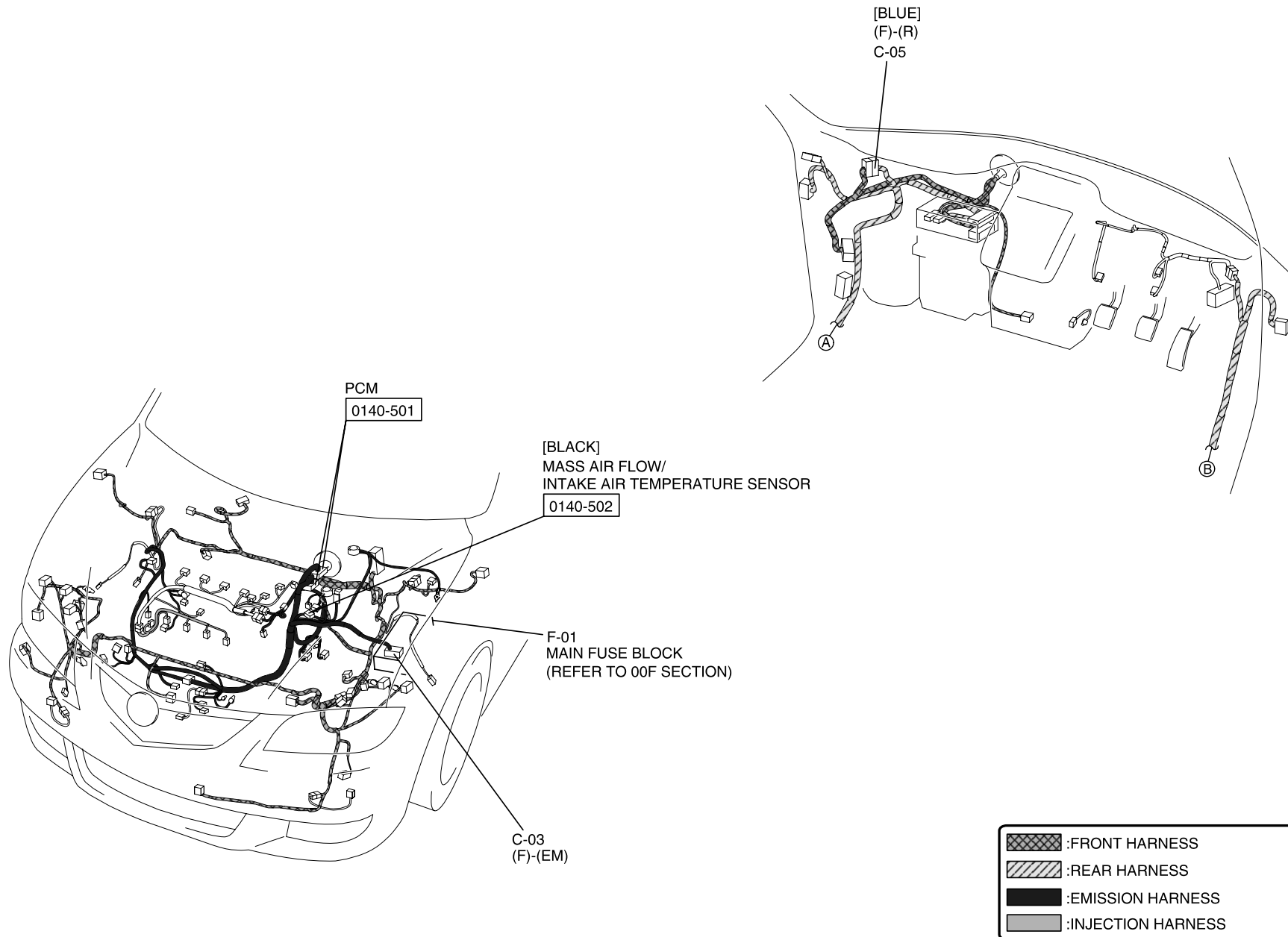


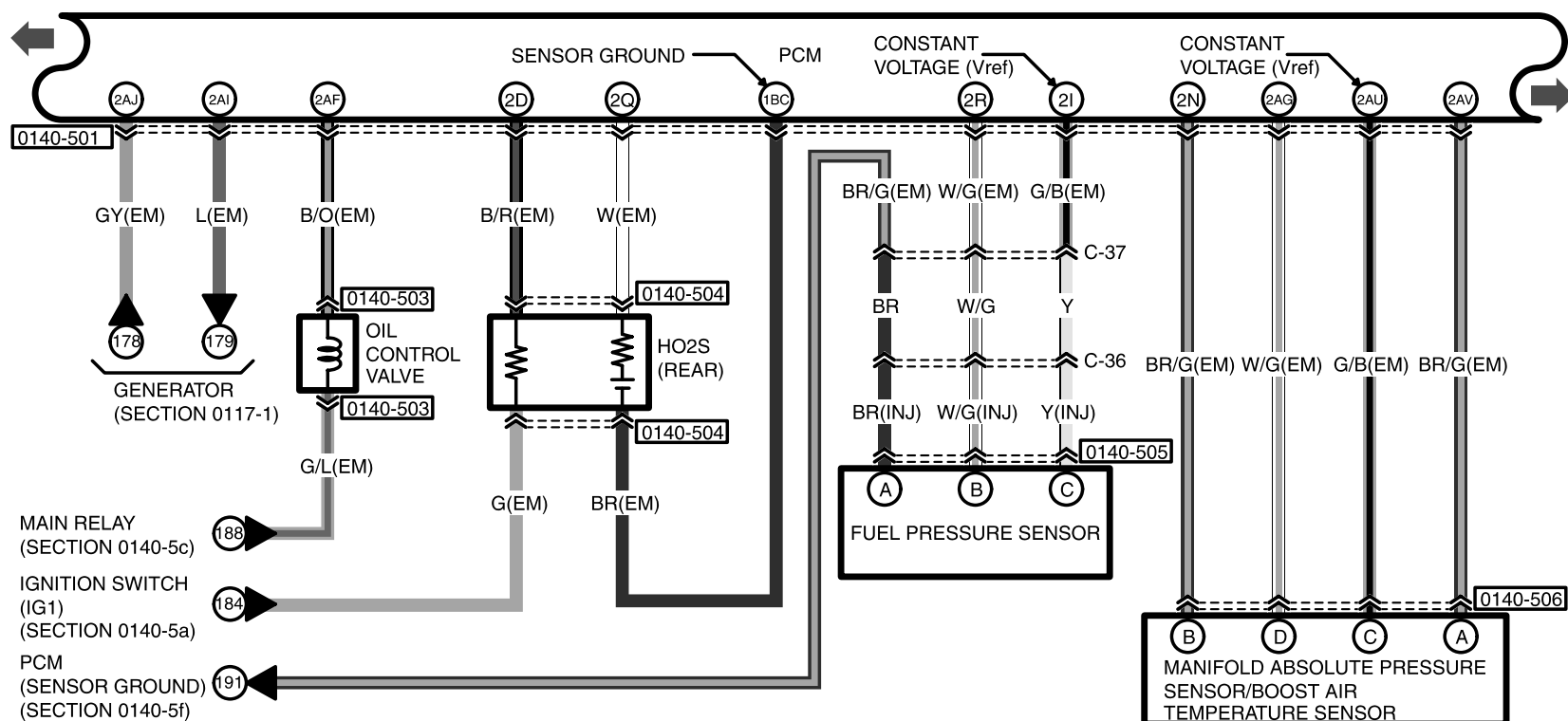
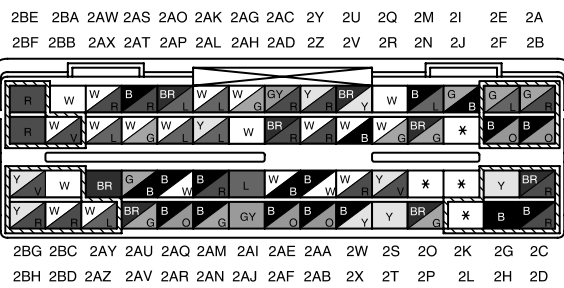
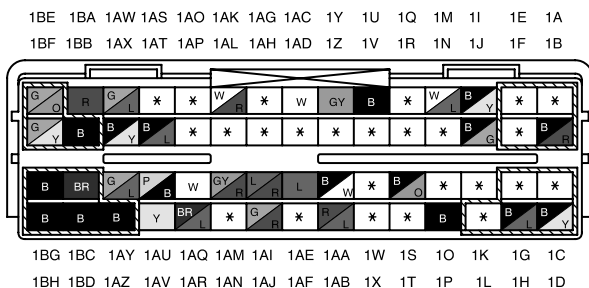
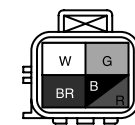
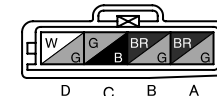
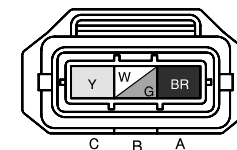
94



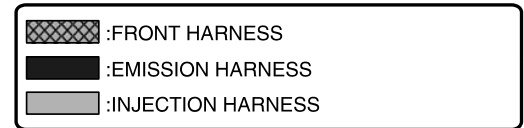
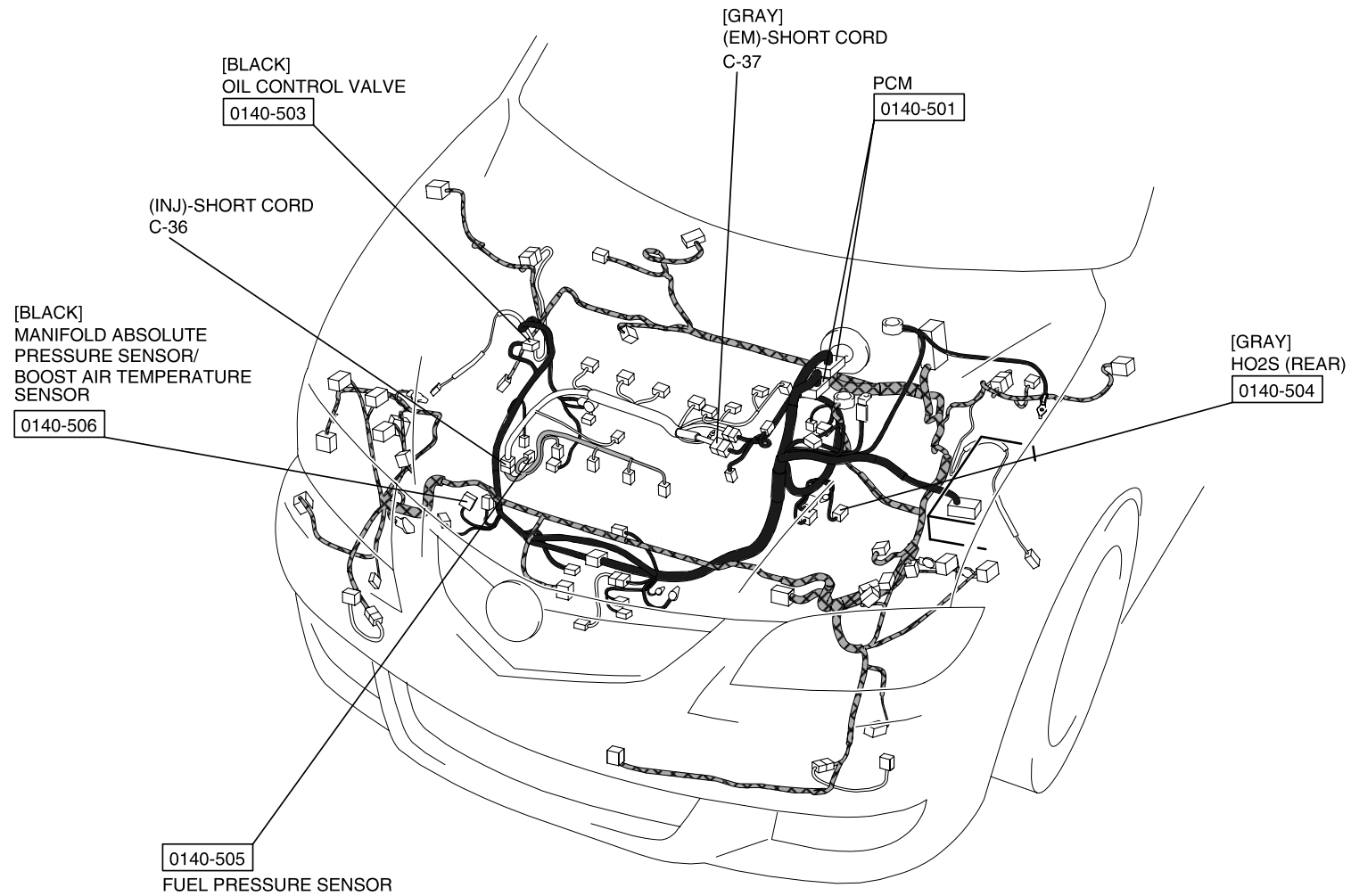
94

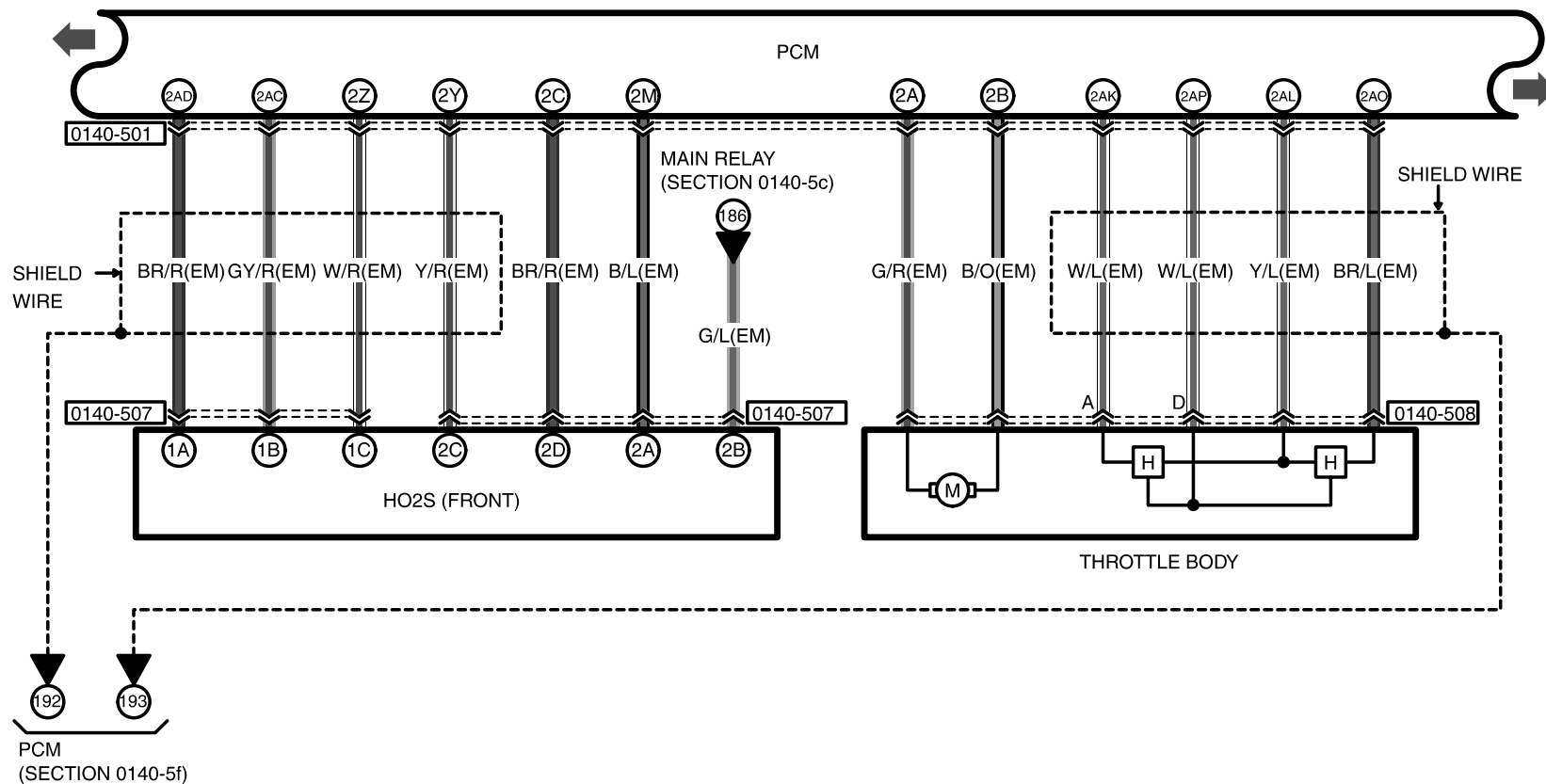




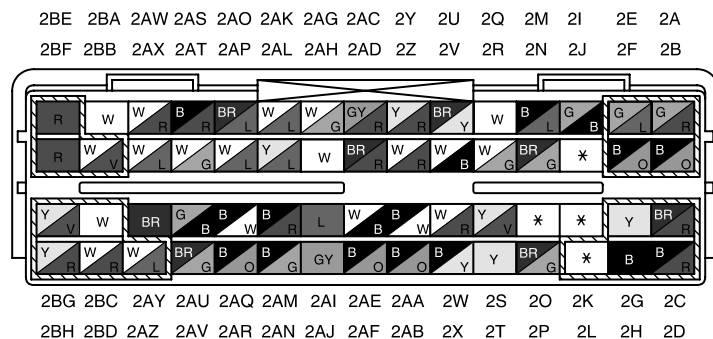
0140-501  
PCM0140-503  
OIL CONTROL VALVE0140-504  
HO2S (REAR)0140-505  
MANIFOLD ABSOLUTE PRESSURE SENSOR/  
BOOST AIR TEMPERATURE SENSOR0140-506  
MANIFOLD ABSOLUTE PRESSURE SENSOR/  
BOOST AIR TEMPERATURE SENSOR



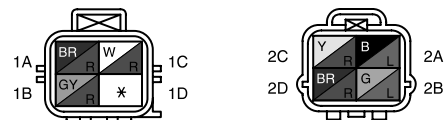




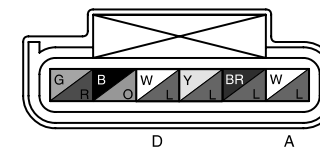
0140-501  
PCM

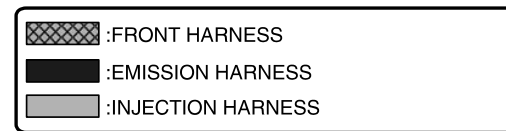
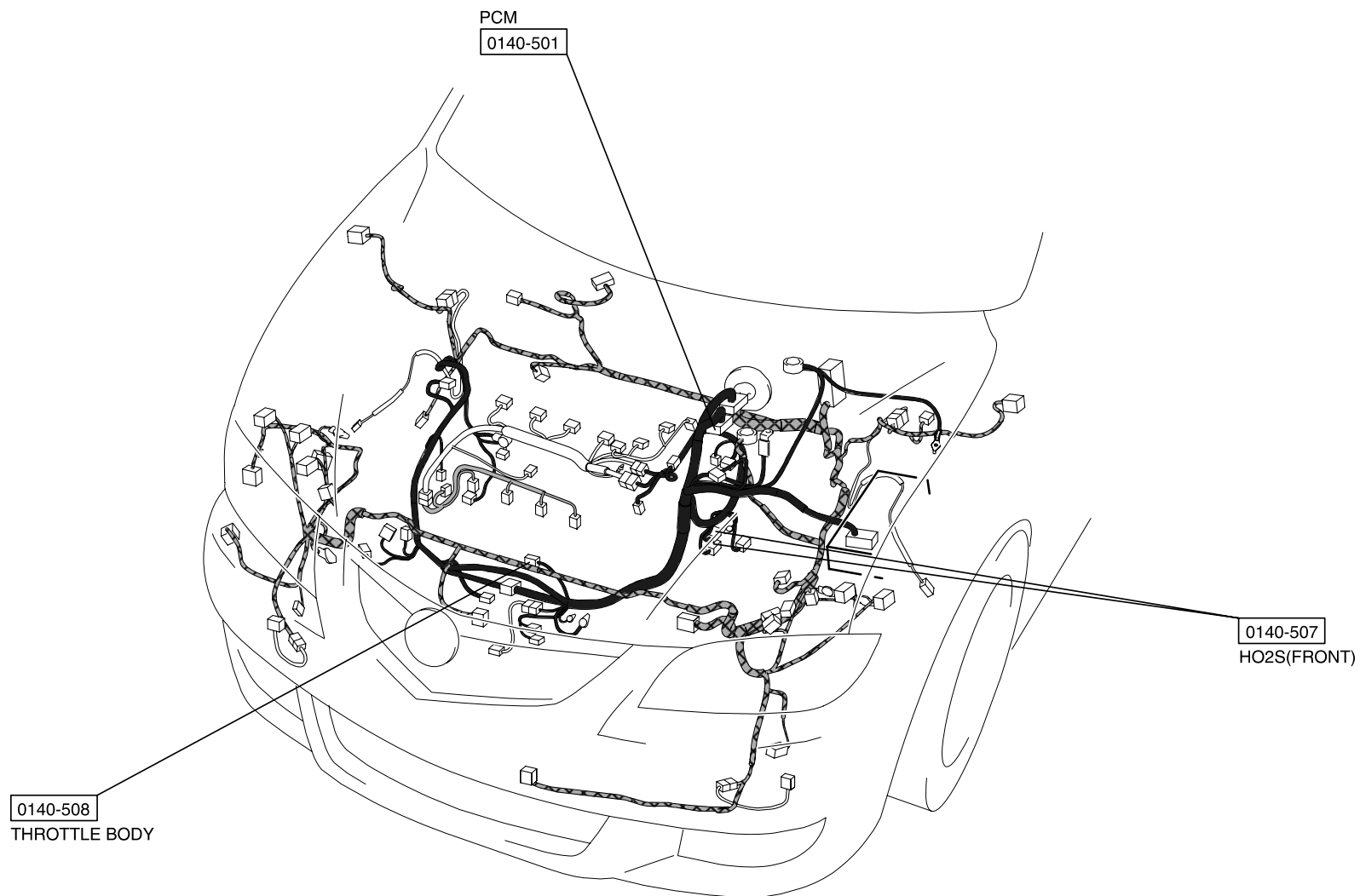


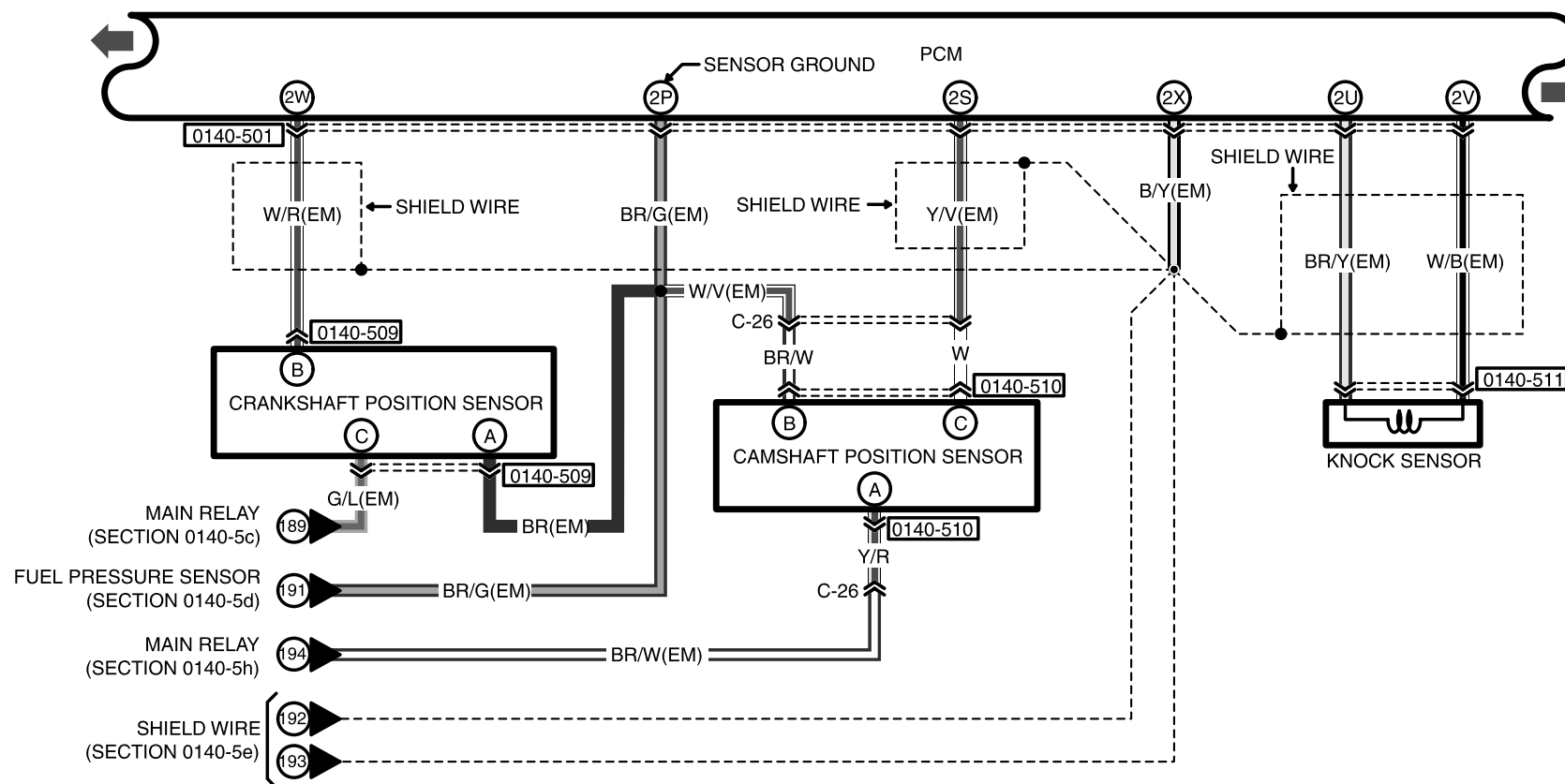
0140-507  
HO2S(FRONT)



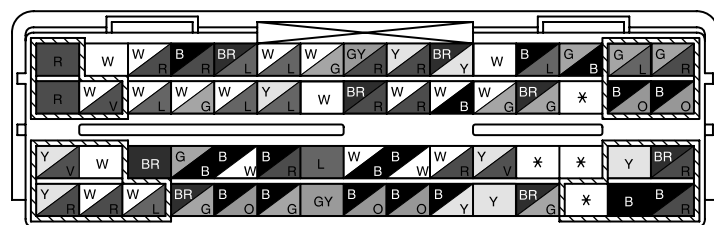
0140-508  
THROTTLE BODY



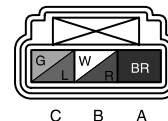


0140-501  
PCM

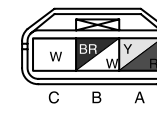
2BE 2BA 2AW 2AS 2AO 2AK 2AG 2AC 2Y 2U 2Q 2M 2I 2E 2A  
2BF 2BB 2AX 2AT 2AP 2AL 2AH 2AD 2Z 2V 2R 2N 2J 2F 2B



2BG 2BC 2AY 2AU 2AQ 2AM 2AI 2AE 2AA 2W 2S 2O 2K 2G 2C  
2BH 2BD 2AZ 2AV 2AR 2AN 2AJ 2AF 2AB 2X 2T 2P 2L 2H 2D

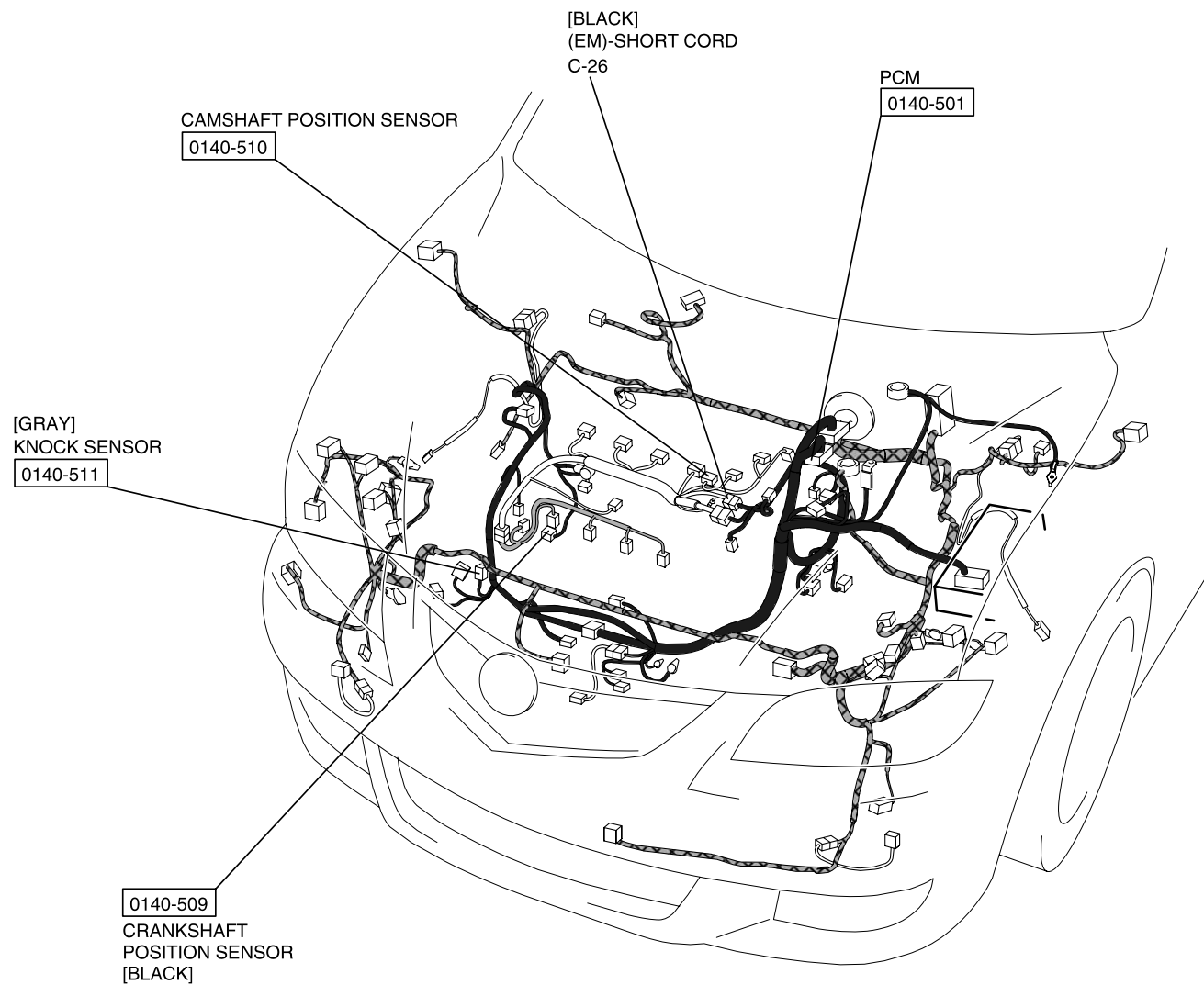
0140-509  
CRANKSHAFT POSITION SENSOR

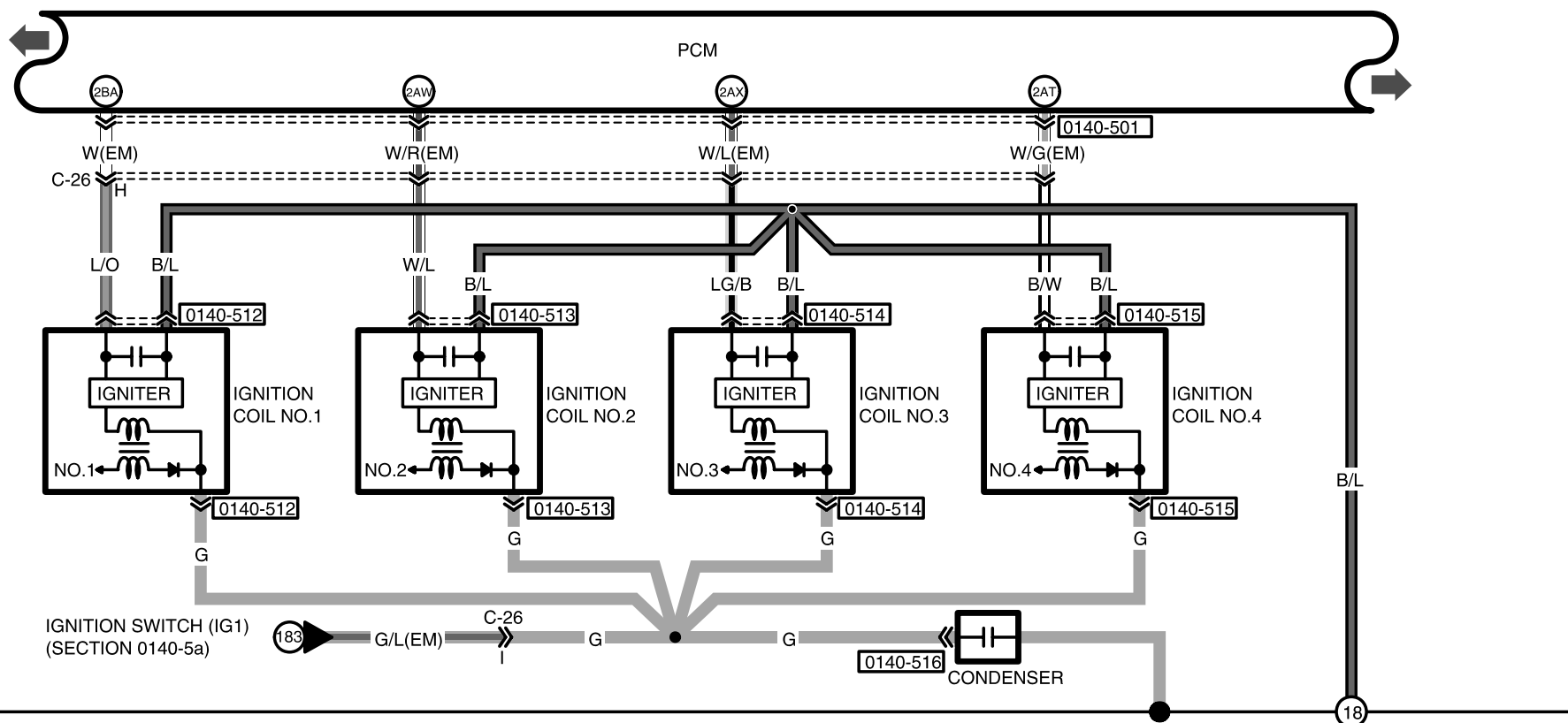
C B A

0140-510  
CAMSHAFT POSITION SENSOR

C B A

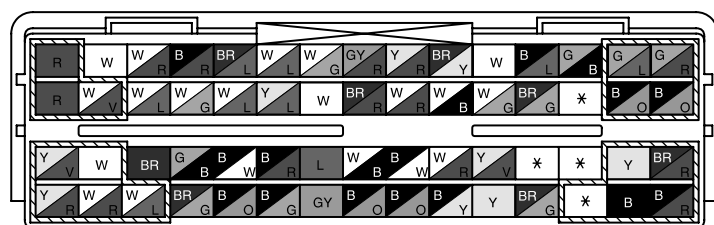
0140-511  
KNOCK SENSOR





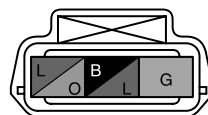
0140-501  
PCM

2BE 2BA 2AW 2AS 2AO 2AK 2AG 2AC 2Y 2U 2Q 2M 2I 2E 2A  
2BF 2BB 2AX 2AT 2AP 2AL 2AH 2AD 2Z 2V 2R 2N 2J 2F 2B

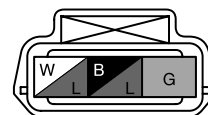


2BG 2BC 2AY 2AU 2AQ 2AM 2AI 2AE 2AA 2W 2S 2O 2K 2G 2C  
2BH 2BD 2AZ 2AV 2AR 2AN 2AJ 2AF 2AB 2X 2T 2P 2L 2H 2D

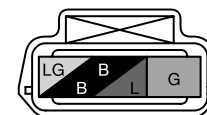
0140-512  
IGNITION COIL NO.1



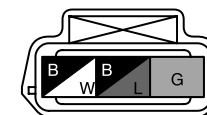
0140-513  
IGNITION COIL NO.2



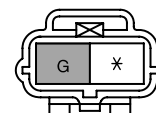
0140-514  
IGNITION COIL NO.3

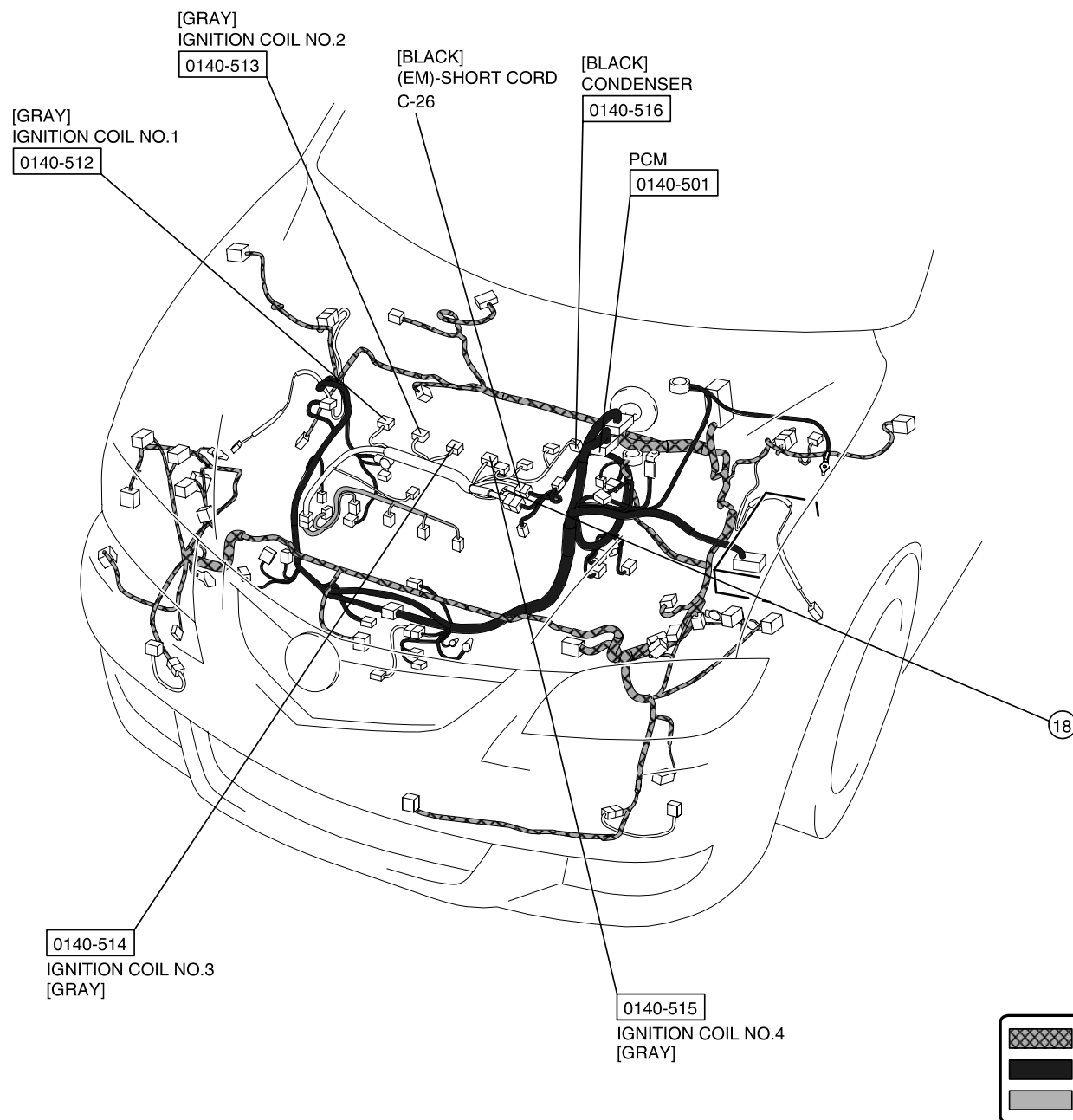


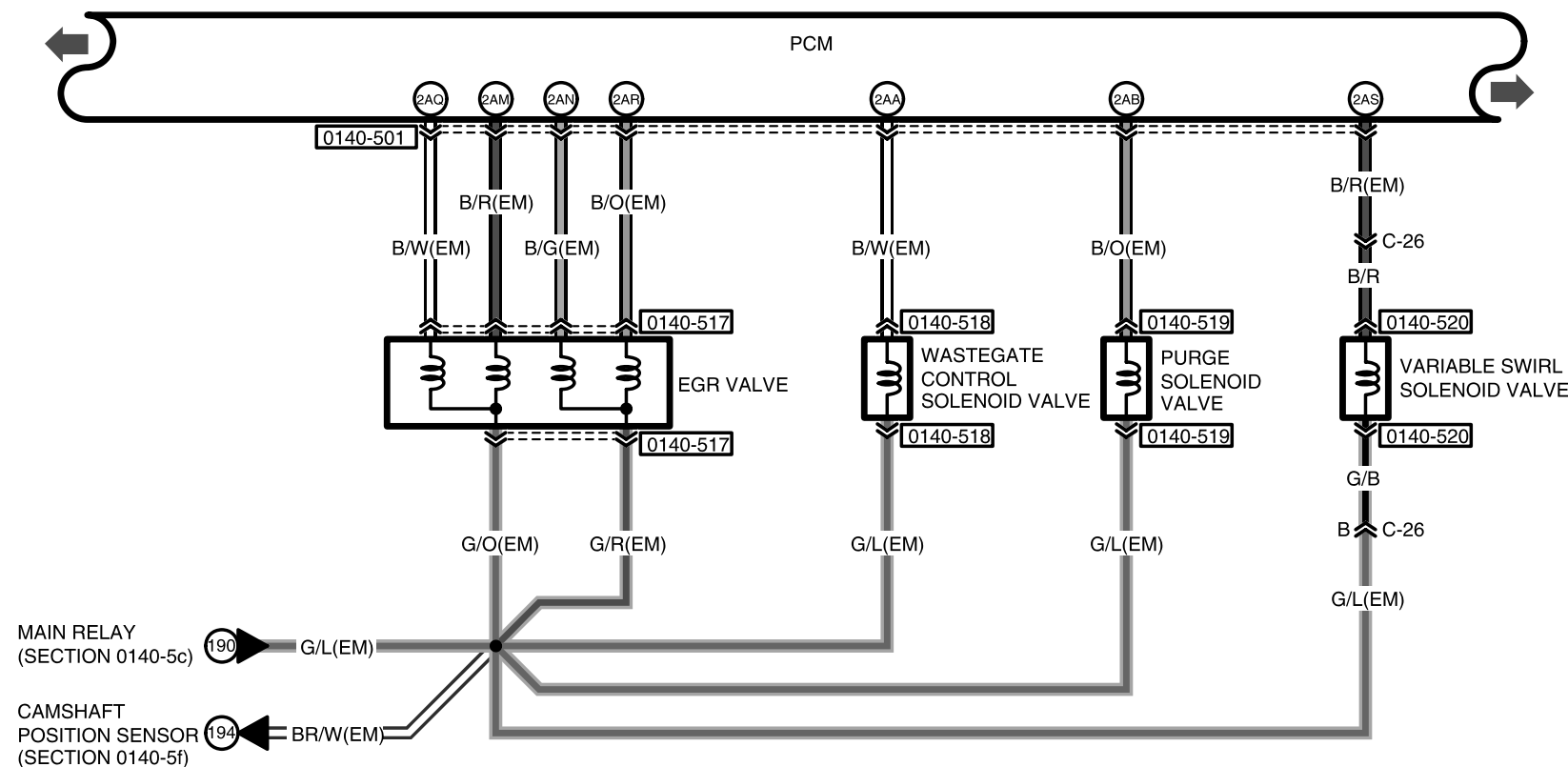
0140-515  
IGNITION COIL NO.4



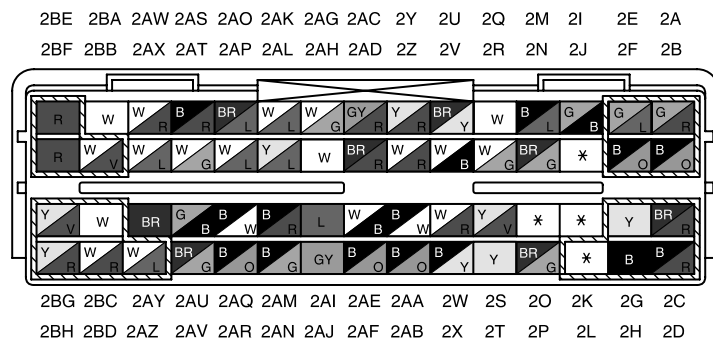
0140-516  
CONDENSER



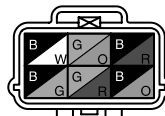




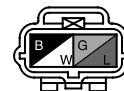
0140-501  
PCM



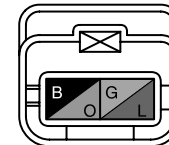
0140-517  
EGR VALVE



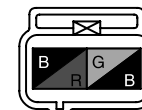
0140-518  
WASTEGATE CONTROL  
SOLENOID VALVE



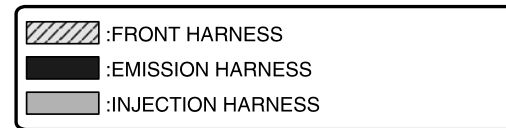
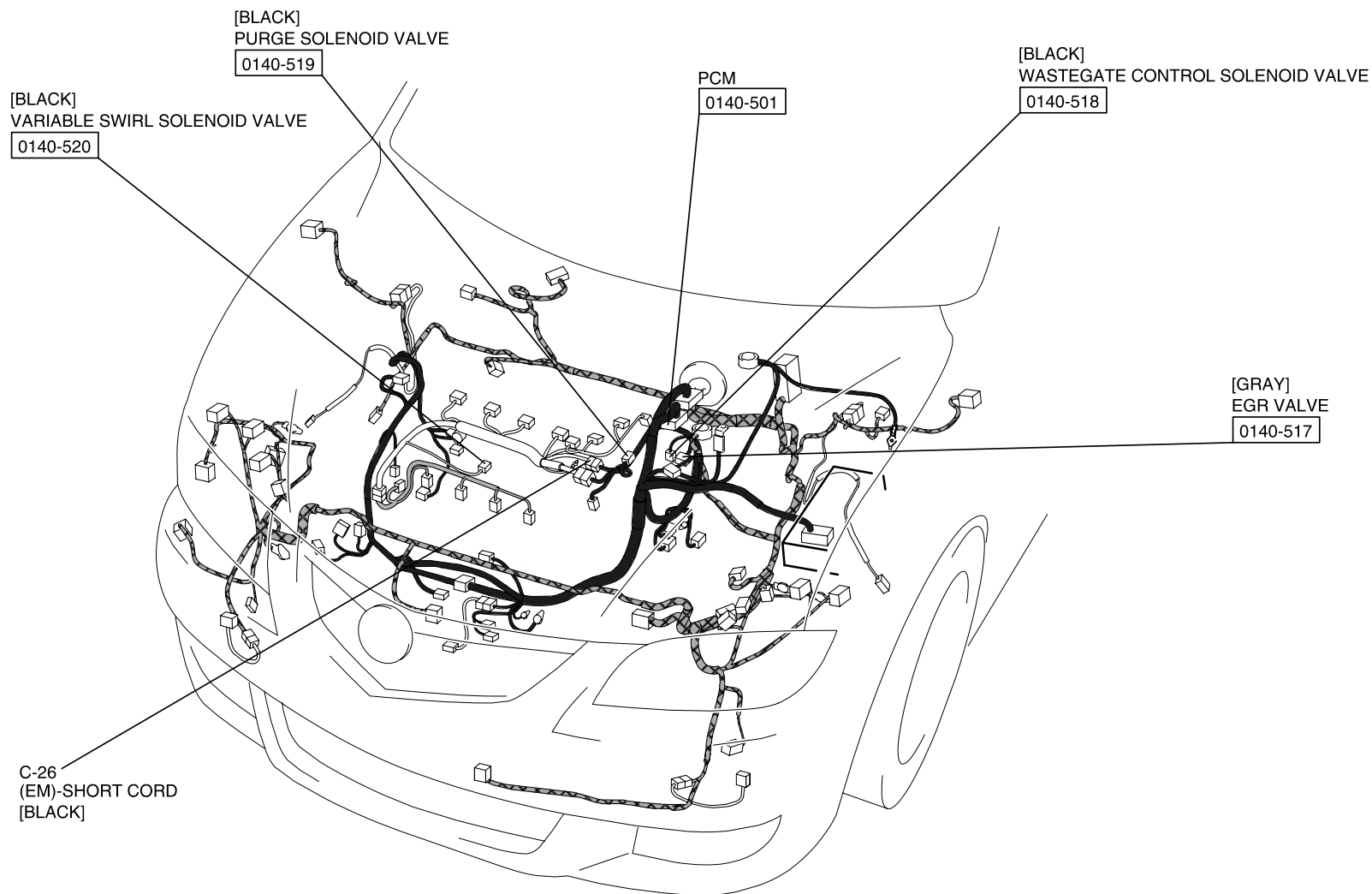
0140-519  
PURGE SOLENOID VALVE

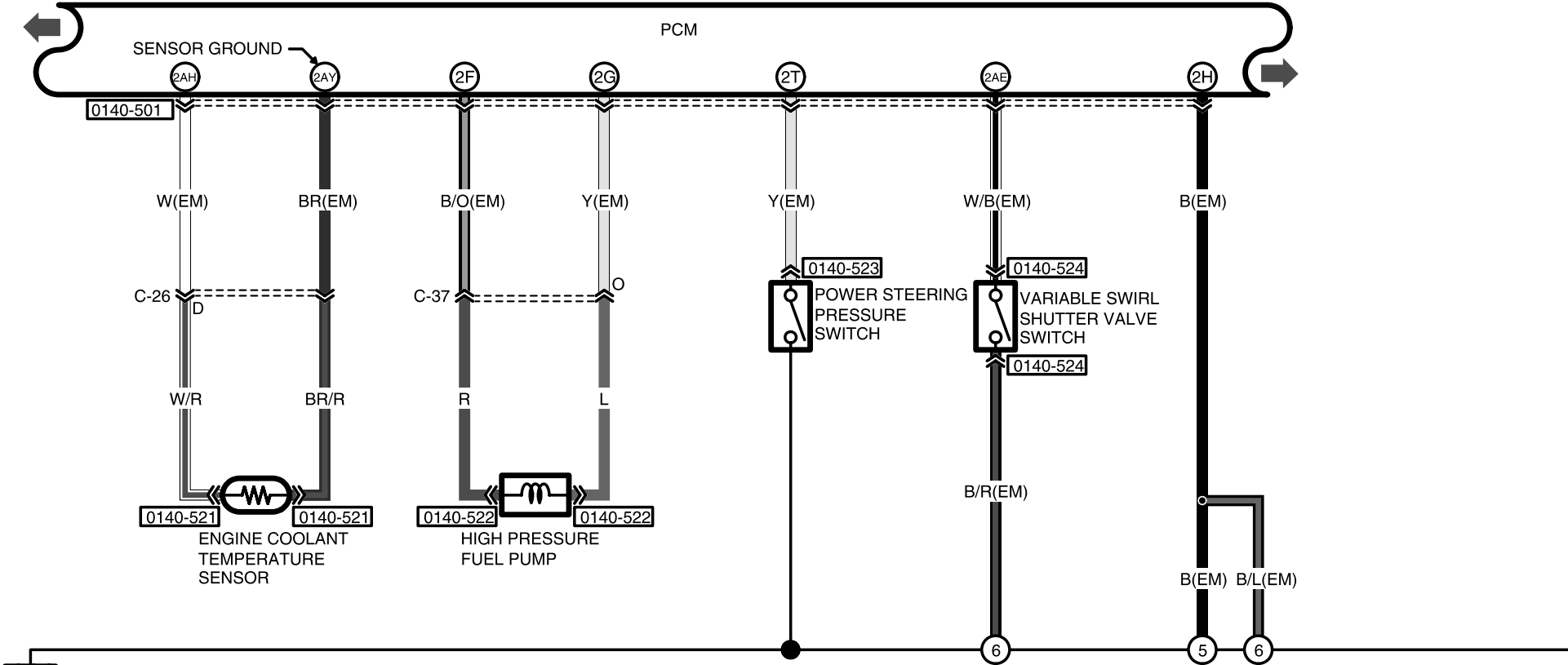


0140-520  
VARIABLE SWIRL  
SOLENOID VALVE

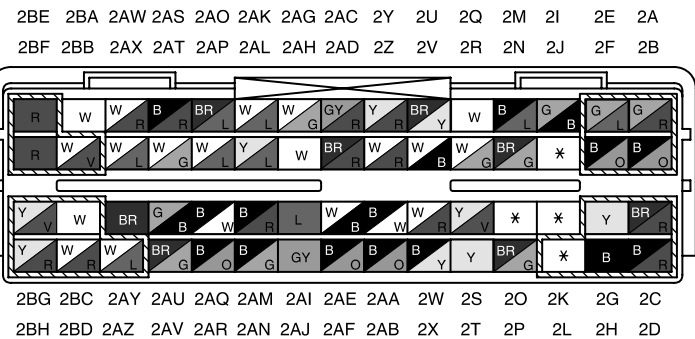




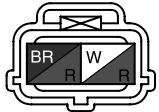




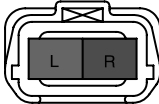
0140-501  
PCM



0140-521  
ENGINE COOLANT  
TEMPERATURE SENSOR



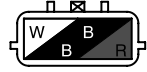
0140-522  
HIGH PRESSURE FUEL  
PUMP

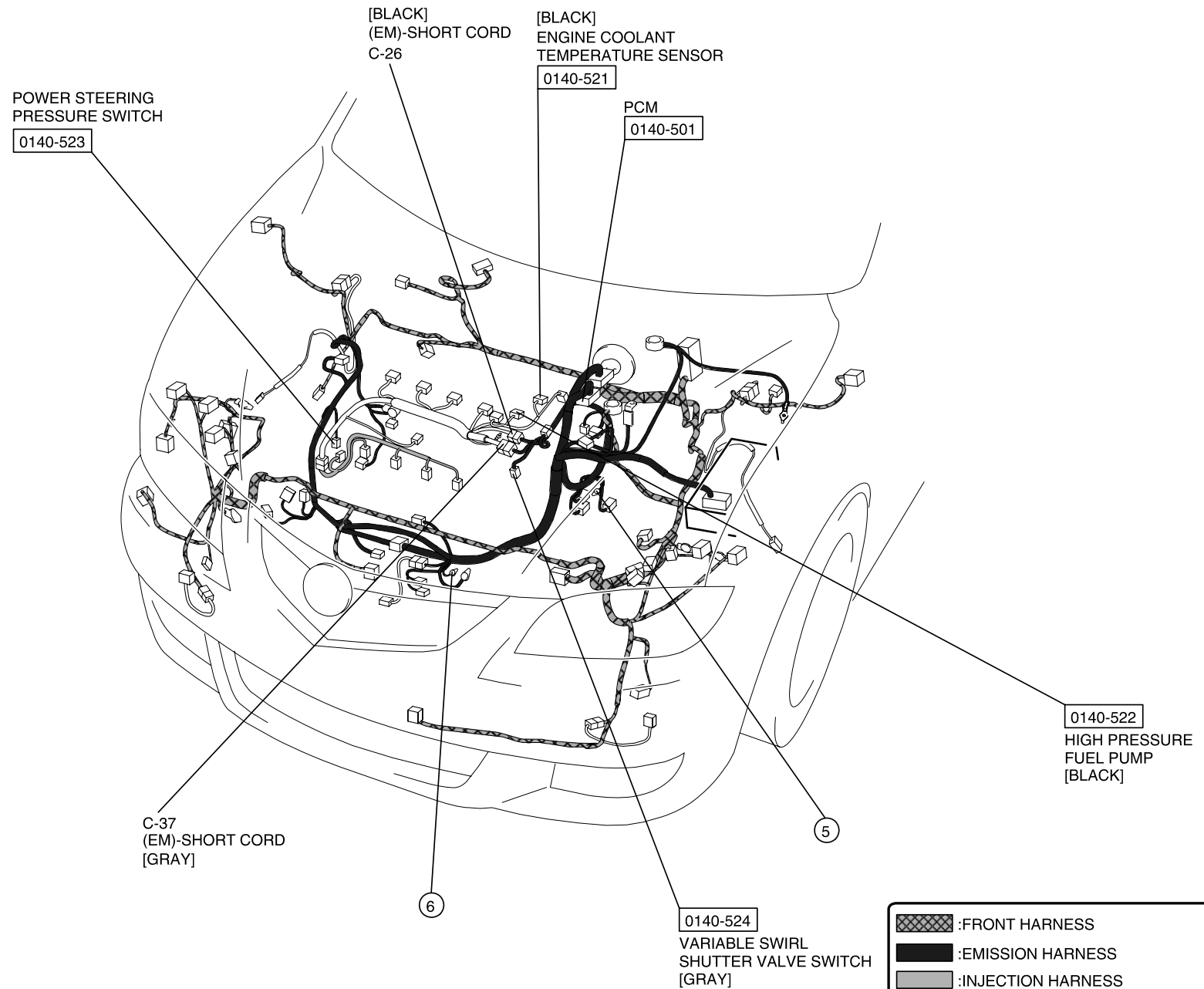


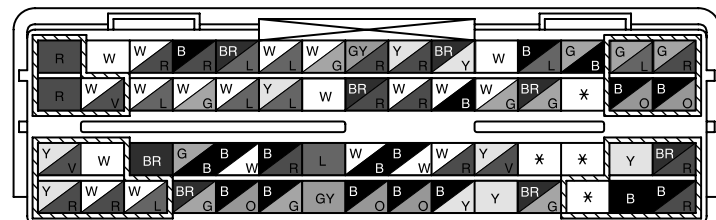
0140-523  
POWER STEERING  
PRESSURE SWITCH



0140-524  
VARIABLE SWIRL SHUTTER  
VALVE SWITCH

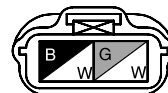




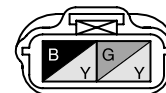


2BG	2BC	2AY	2AU	2AQ	2AM	2AI	2AE	2AA	2W	2S	2O	2K	2G	2C
2BH	2BD	2AZ	2AV	2AR	2AN	2AJ	2AF	2AB	2X	2T	2P	2L	2H	2D

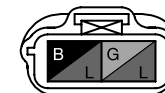
0140-525
FUEL INJECTOR NO.1



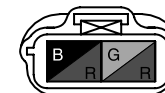
0140-526  
FUEL INJECTOR NO.2

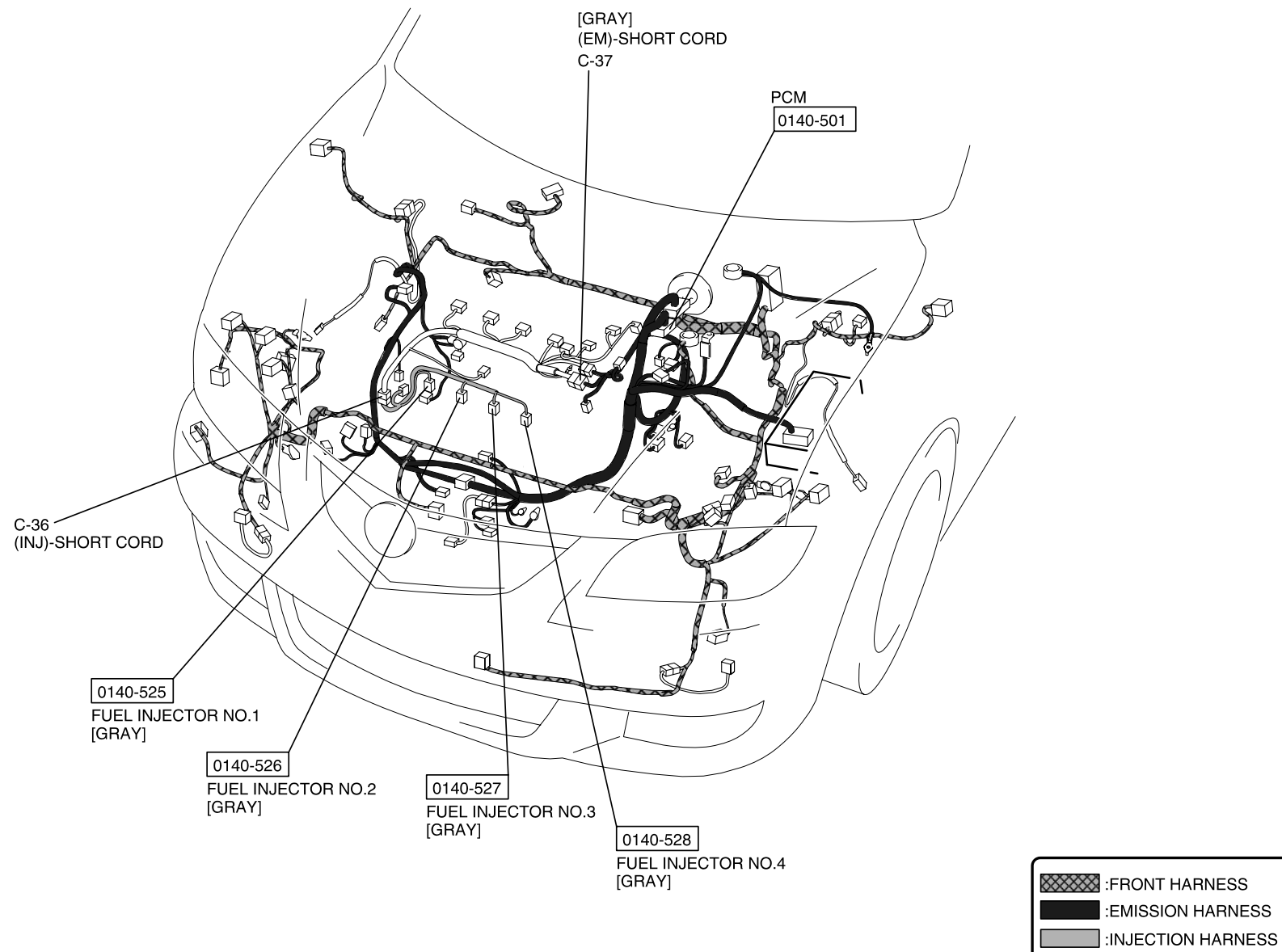


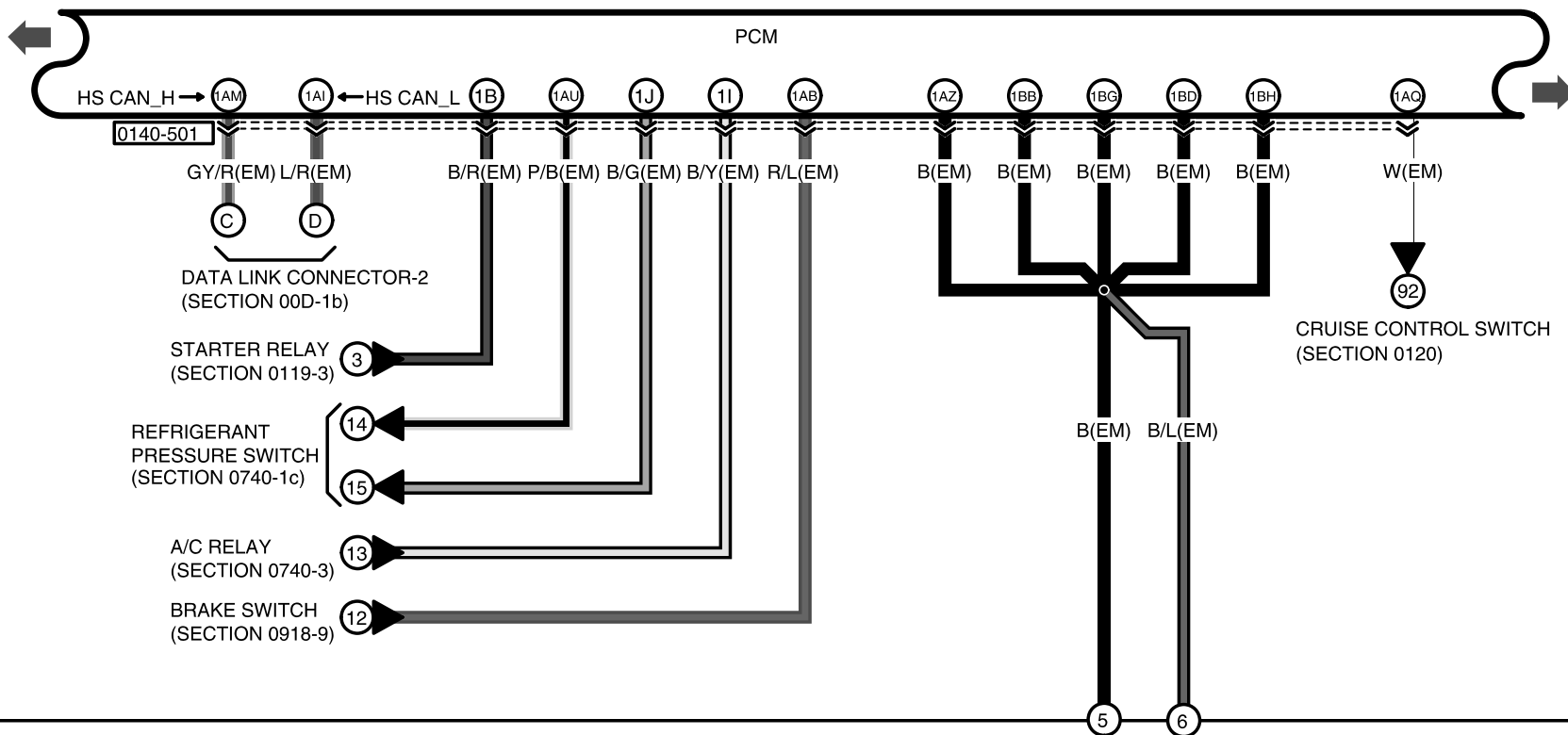
0140-527  
FUEL INJECTOR NO.3



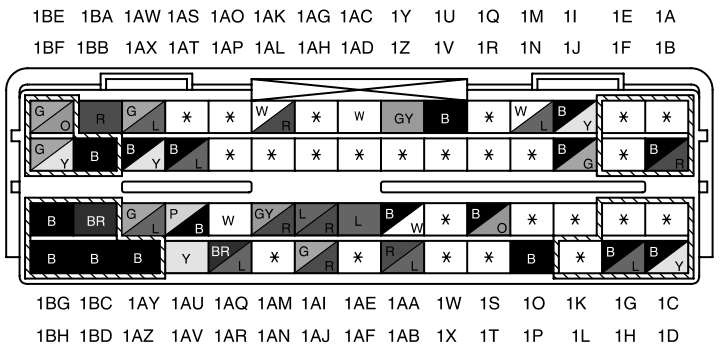
0140-528
FUEL INJECTOR NO.4

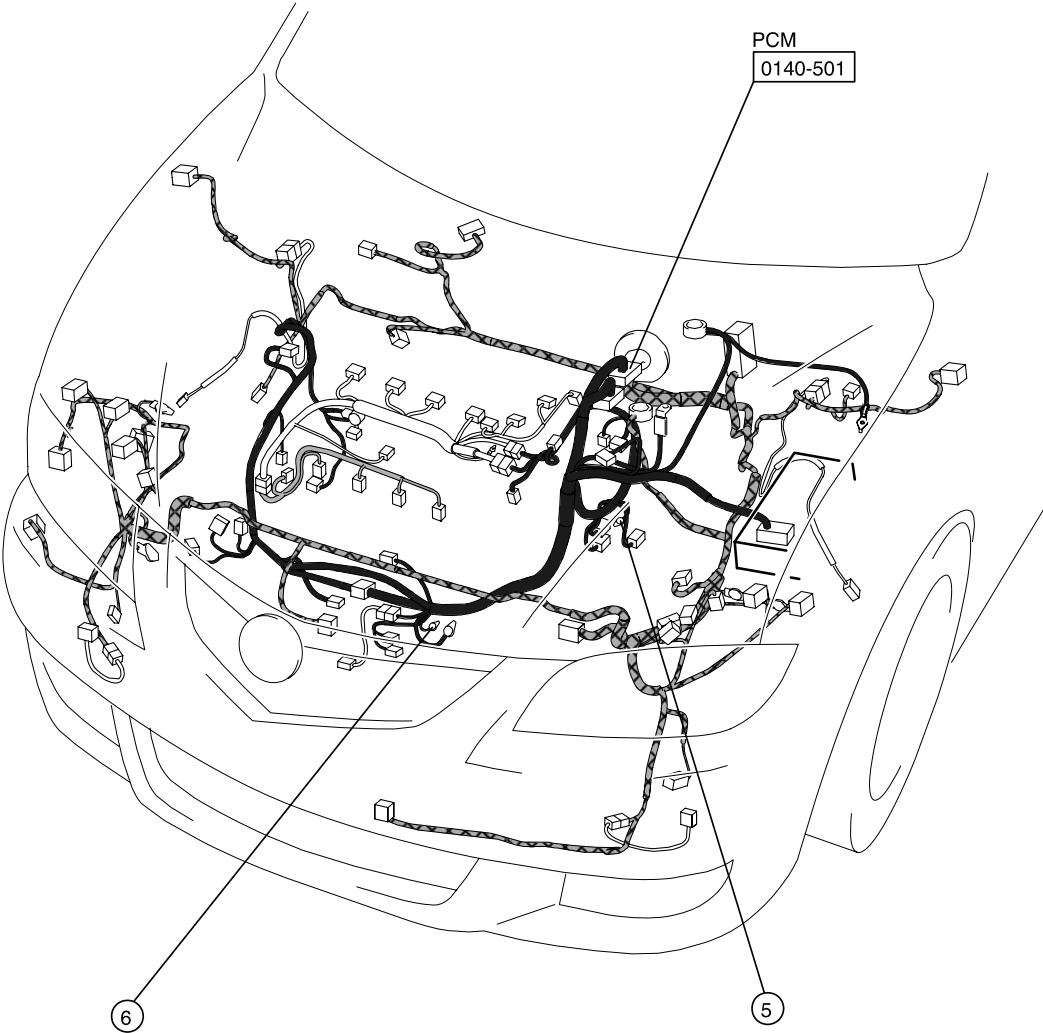




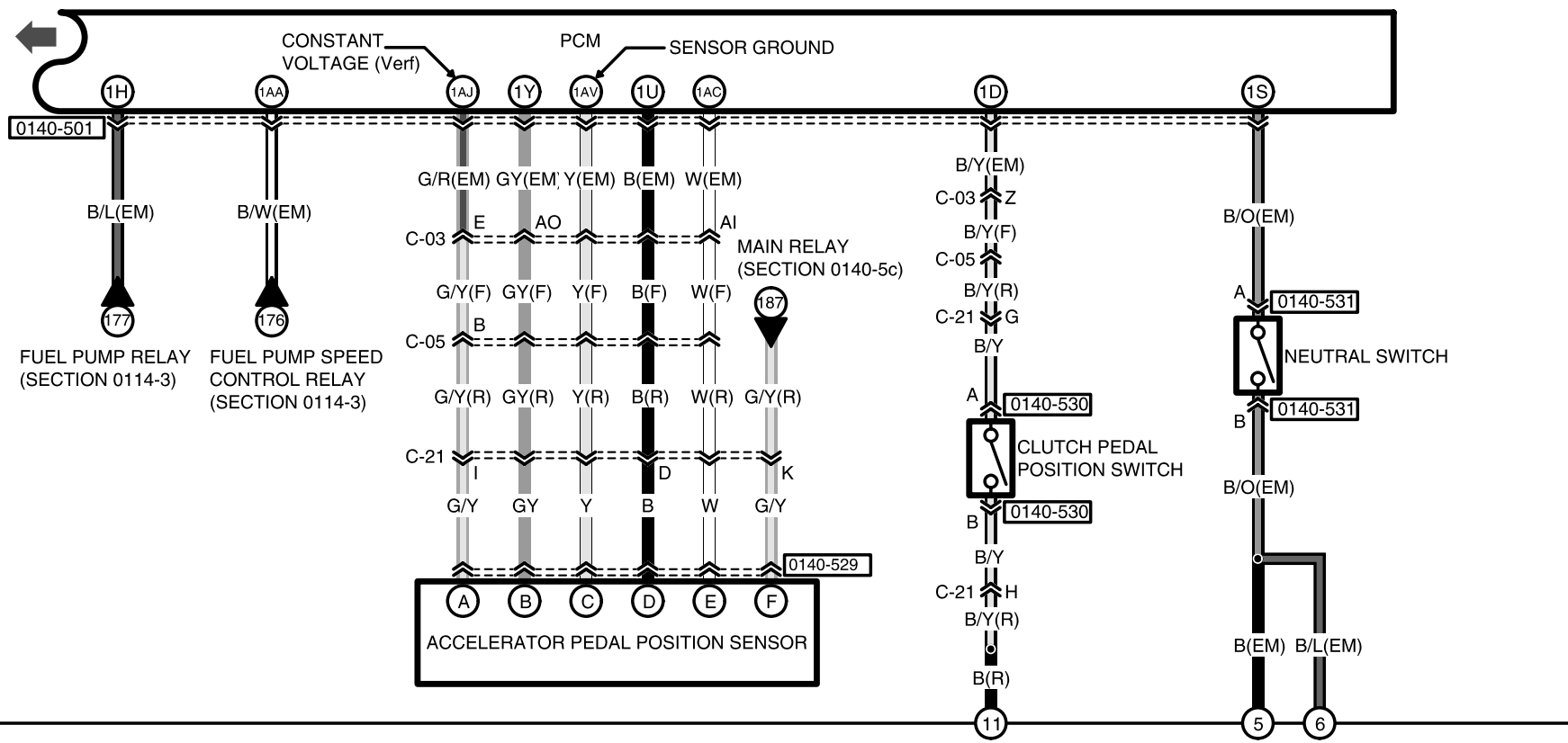


0140-501  
PCM

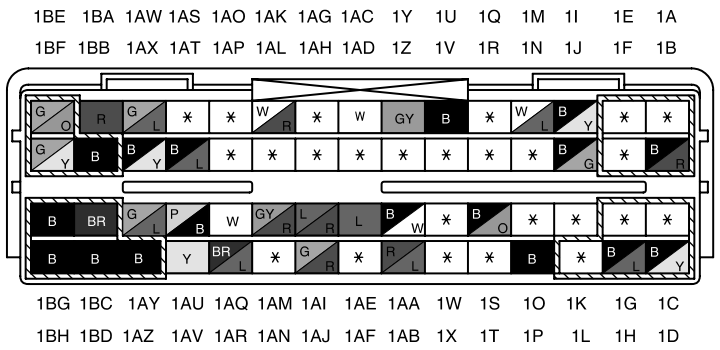


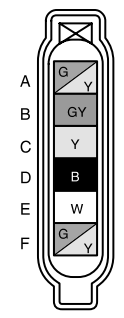
	:FRONT HARNESS
	:EMISSION HARNESS
	:INJECTION HARNESS



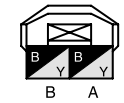
0140-501  
PCM



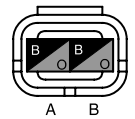
0140-529  
ACCELERATOR PEDAL POSITION SENSOR



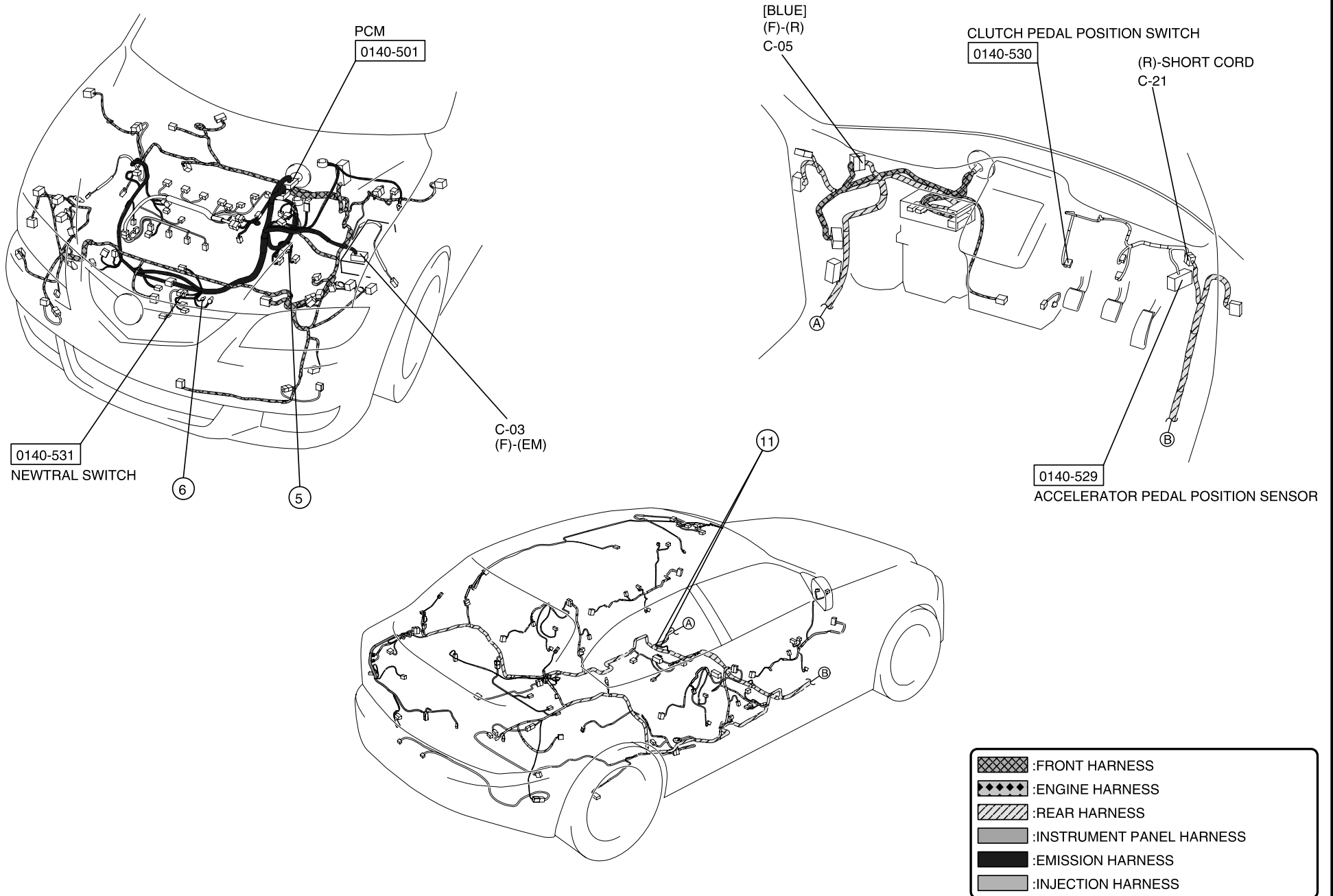
0140-530  
CLUTCH PEDAL POSITION SWITCH



0140-531  
NEUTRAL SWITCH

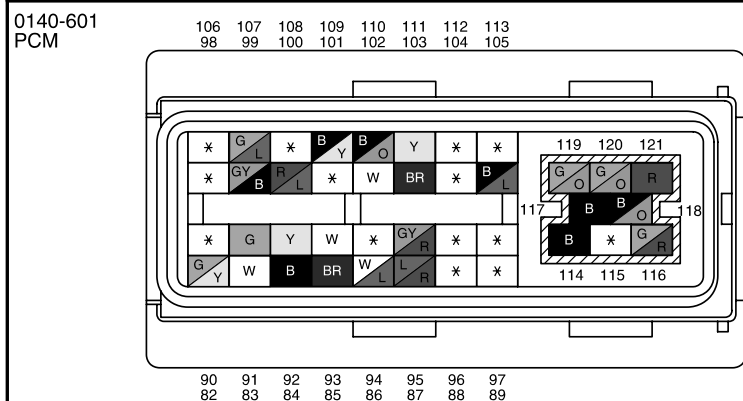
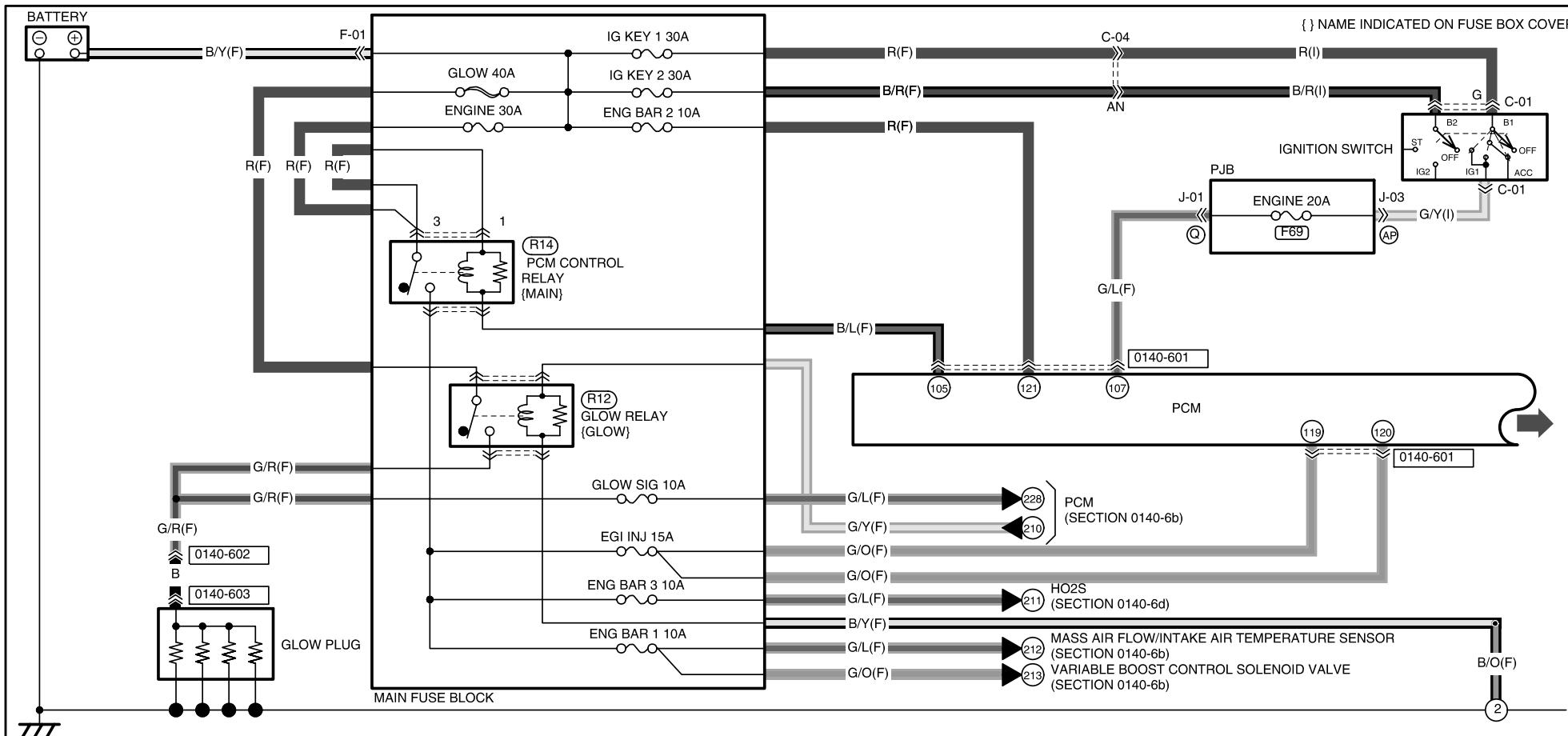






## CONTROL SYSTEM (MZR-CD (RF Turbo))

0140-6a



0140-602	FRONT HARNESS-SHORT CORD
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## FRONT HARNESS



SHORT CORD

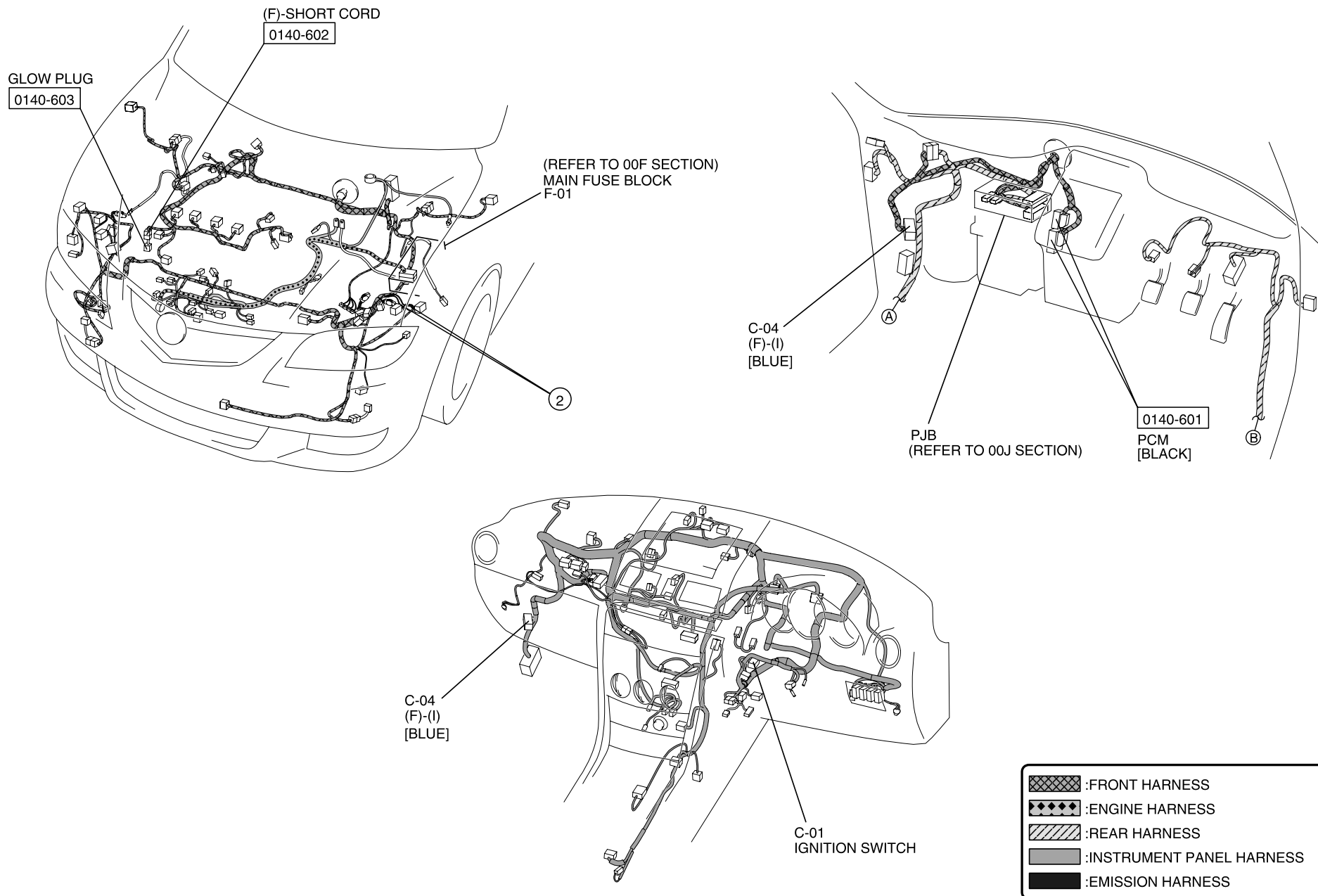


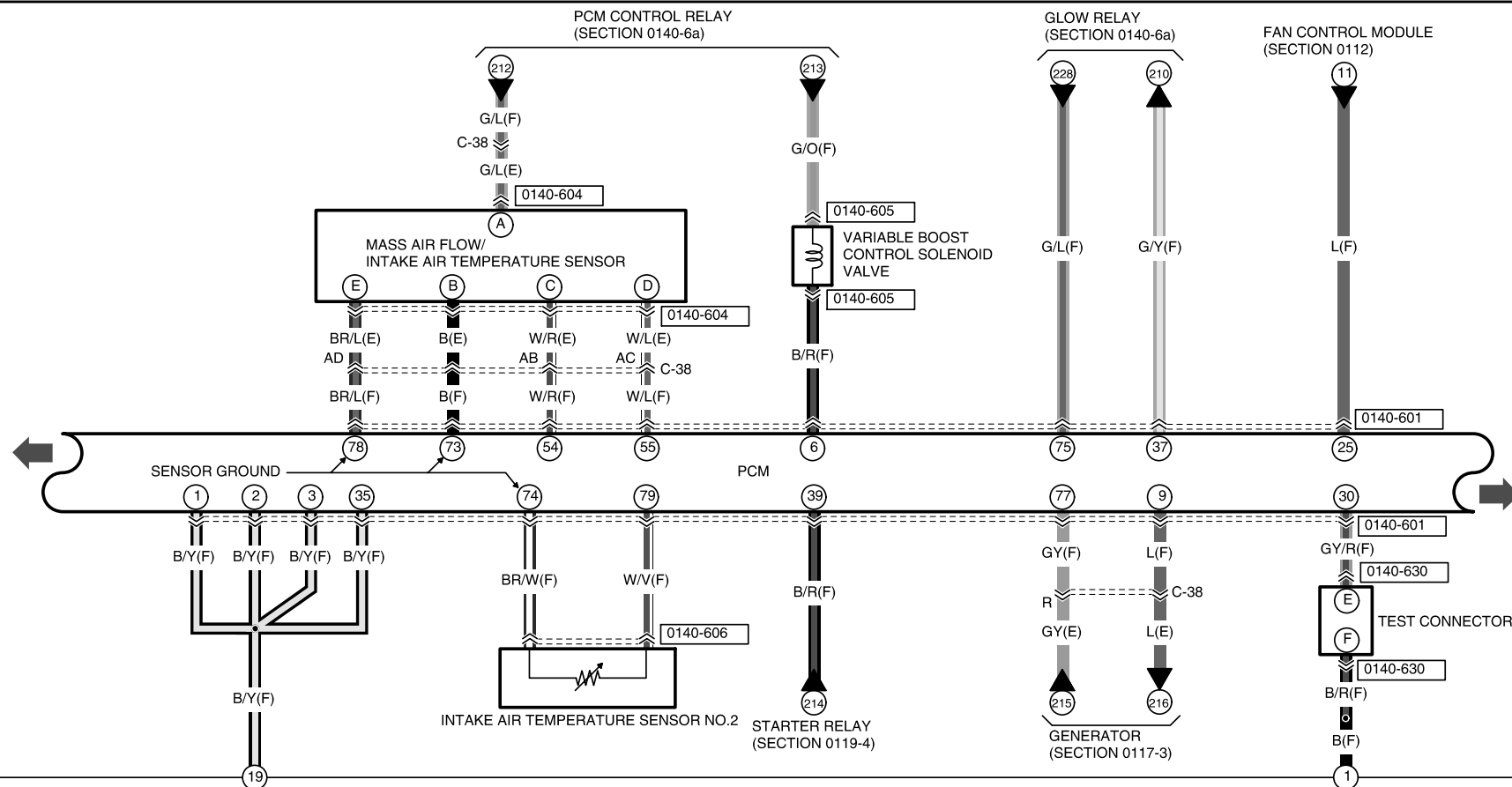
0140-603	GLOW PLUG
----------	-----------



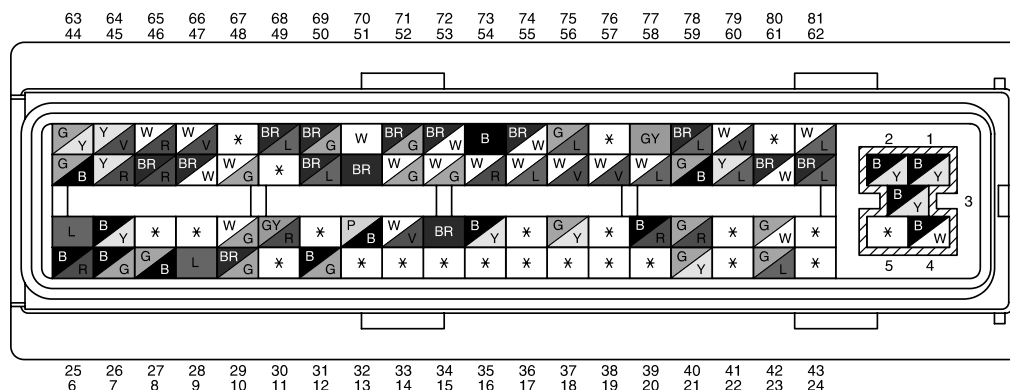
# CONTROL SYSTEM (MZR-CD (RF Turbo))

0140-6a

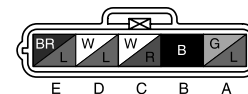




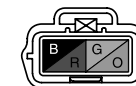
0140-601  
PCM



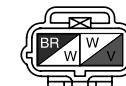
0140-604  
MASS AIR FLOW/INTAKE AIR  
TEMPERATURE SENSOR



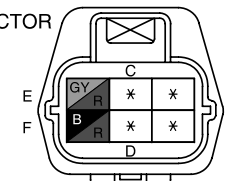
0140-605  
VARIABLE BOOST CONTROL  
SOLENOID VALVE



0140-606  
INTAKE AIR TEMPERATURE  
SENSOR NO.2



0140-630  
TEST CONNECTOR



# CONTROL SYSTEM (MZR-CD (RF Turbo))

0140-6b

[GRAY]  
VARIABLE BOOST CONTROL SOLENOID VALVE  
0140-605

[BLACK]  
MASS AIR FLOW/  
INTAKE AIR TEMPERATURE SENSOR  
0140-604

[BLACK]  
(F)-(E)  
C-38

0140-630  
TEST CONNECTOR  
[BLACK]

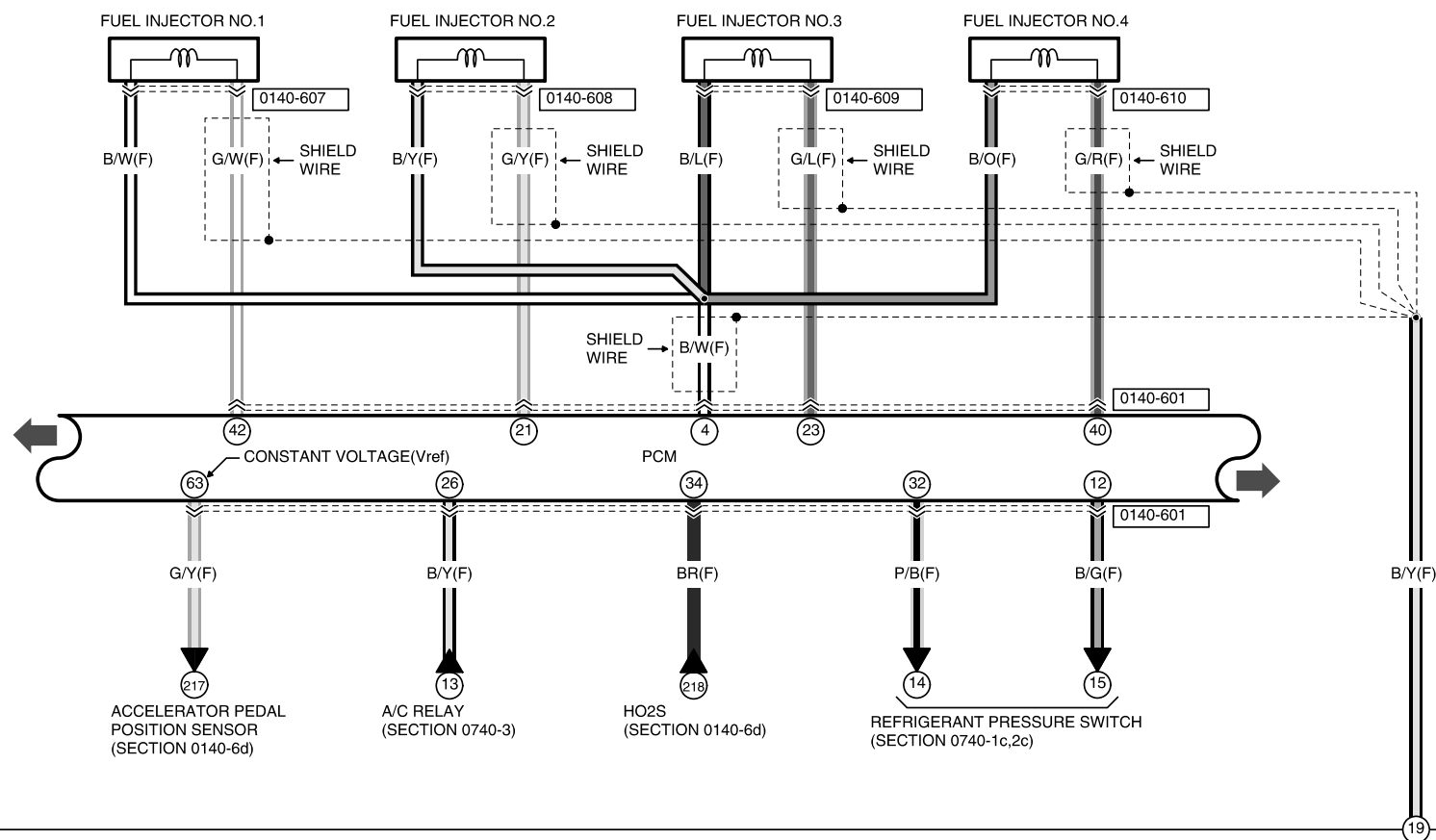
0140-606  
INTAKE AIR TEMPERATURE SENSOR NO.2  
[BLACK]

0140-601  
PCM  
[BLACK]

▨ : FRONT HARNESS  
▩ : ENGINE HARNESS  
▧ : REAR HARNESS

## CONTROL SYSTEM (MZR-CD (RF Turbo))

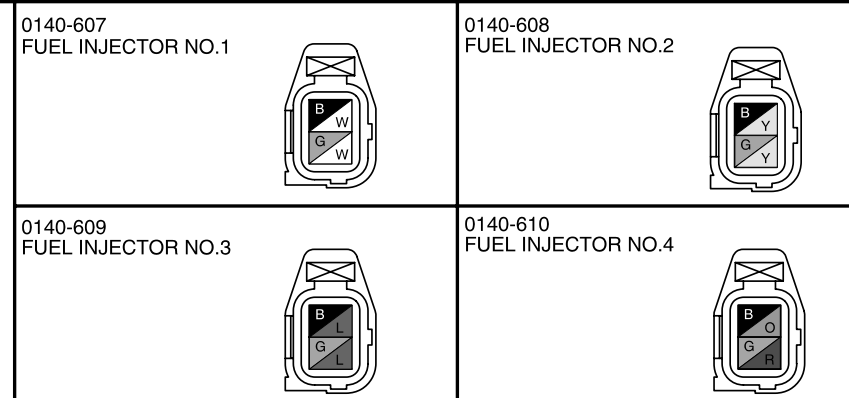
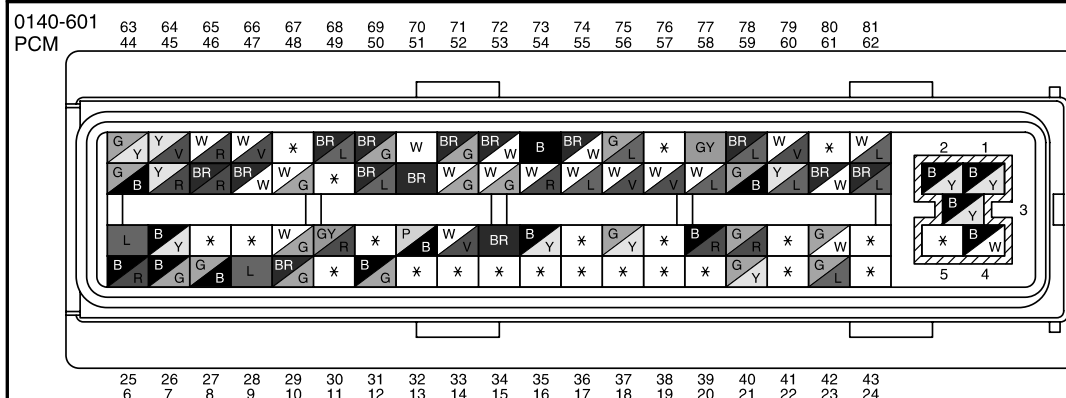
0140-6c



## Mazda3 Wiring Diagram (5672-1\*-06E)

112-6

**Added 6/2007 (Ref. No. L095/07)**



# CONTROL SYSTEM (MZR-CD (RF Turbo))

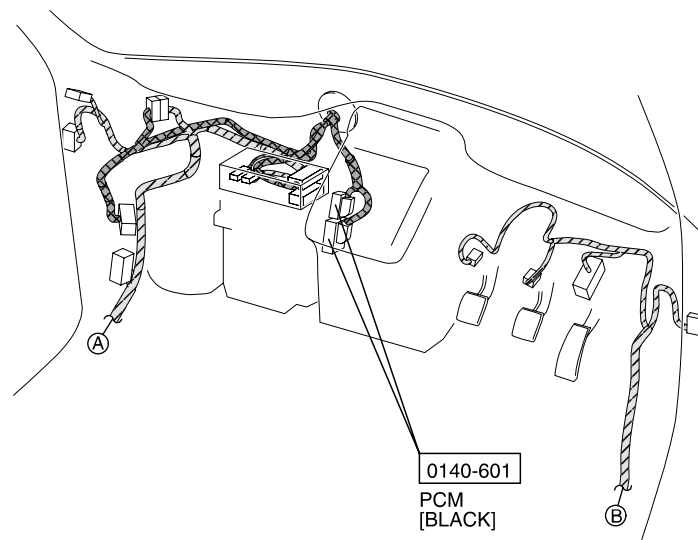
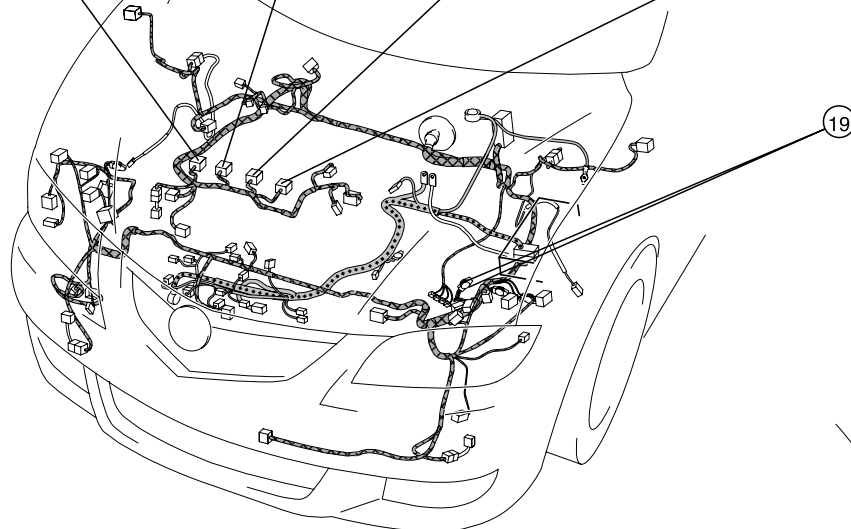
0140-6c

[GRAY]  
FUEL INJECTOR NO.1  
0140-607

[GRAY]  
FUEL INJECTOR NO.2  
0140-608

[GRAY]  
FUEL INJECTOR NO.3  
0140-609

[GRAY]  
FUEL INJECTOR NO.4  
0140-610



0140-601  
PCM  
[BLACK]

①9

①A

①B

①C

①D

①E

①F

①G

①H

①I

①J

①K

①L

①M

①N

①O

①P

①Q

①R

①S

①T

①U

①V

①W

①X

①Y

①Z

①AA

①AB

①AC

①AD

①AE

①AF

①AG

①AH

①AI

①AJ

①AK

①AL

①AM

①AN

①AO

①AP

①AQ

①AR

①AS

①AT

①AU

①AV

①AW

①AX

①AY

①AZ

①BA

①BB

①BC

①BD

①BE

①BF

①BG

①BH

①BI

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①BO

①BP

①BQ

①BR

①BS

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①BU

①BV

①BW

①BX

①BY

①BZ

①CA

①CB

①CC

①CD

①CE

①CF

①CG

①CH

①CI

①CJ

①CK

①CL

①CM

①CN

①CO

①CP

①CQ

①CR

①CS

①CT

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①CV

①CW

①CX

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①DG

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①DO

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①DV

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①FQ

①FR

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①GV

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①GX

①GY

①GZ

①HA

①HB

①HC

①HD

①HE

①HF

①HG

①HH

①HI

①HJ

①HK

①HL

①HM

①HN

①HO

①HP

①HQ

①HR

①HS

①HT

①HU

①HV

①HW

①HX

①HY

①HZ

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①IB

①IC

①ID

①IE

①IF

①IG

①IH

①II

①IJ

①IK

①IL

①IM

①IN

①IO

①IP

①IQ

①IR

①IS

①IT

①IU

①IV

①IW

①IX

①IY

①IZ

①JA

①JB

①JC

①JD

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①TP

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①TV

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①UB

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①UI

①UJ

①UK

①UL

①UM

①UN

①UO

①UP

①UQ

①UR

①US

①UT

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①XP

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①XS

①XT

①XU

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①YC

①YD

①YE

①YF

①YG

①YH

①YI

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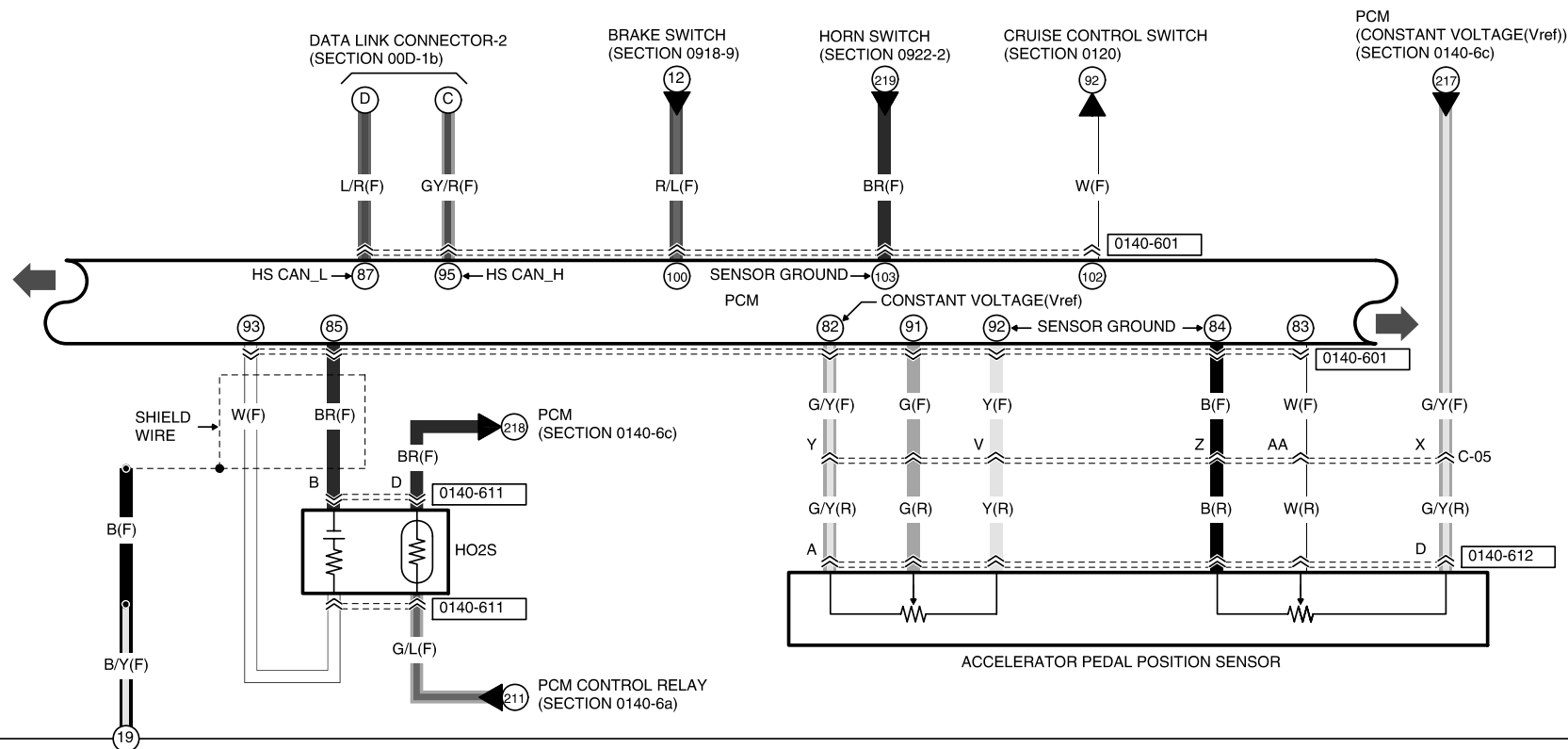
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①ZW

①ZX

①ZY

①ZZ

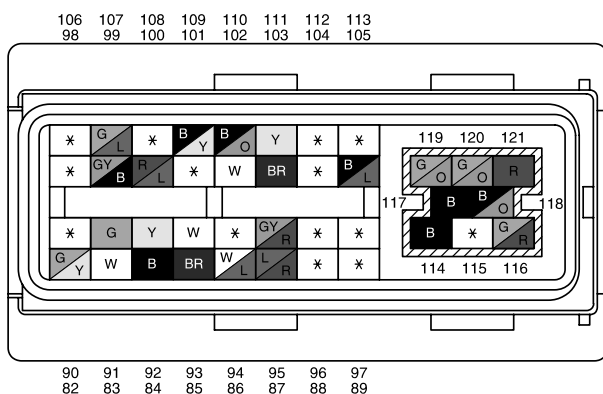


112-8

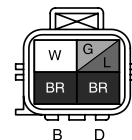
Added 6/2007 (Ref. No. L095/07)

Mazda3 Wiring Diagram (5672-1\*-06E)

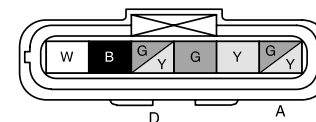
0140-601  
PCM



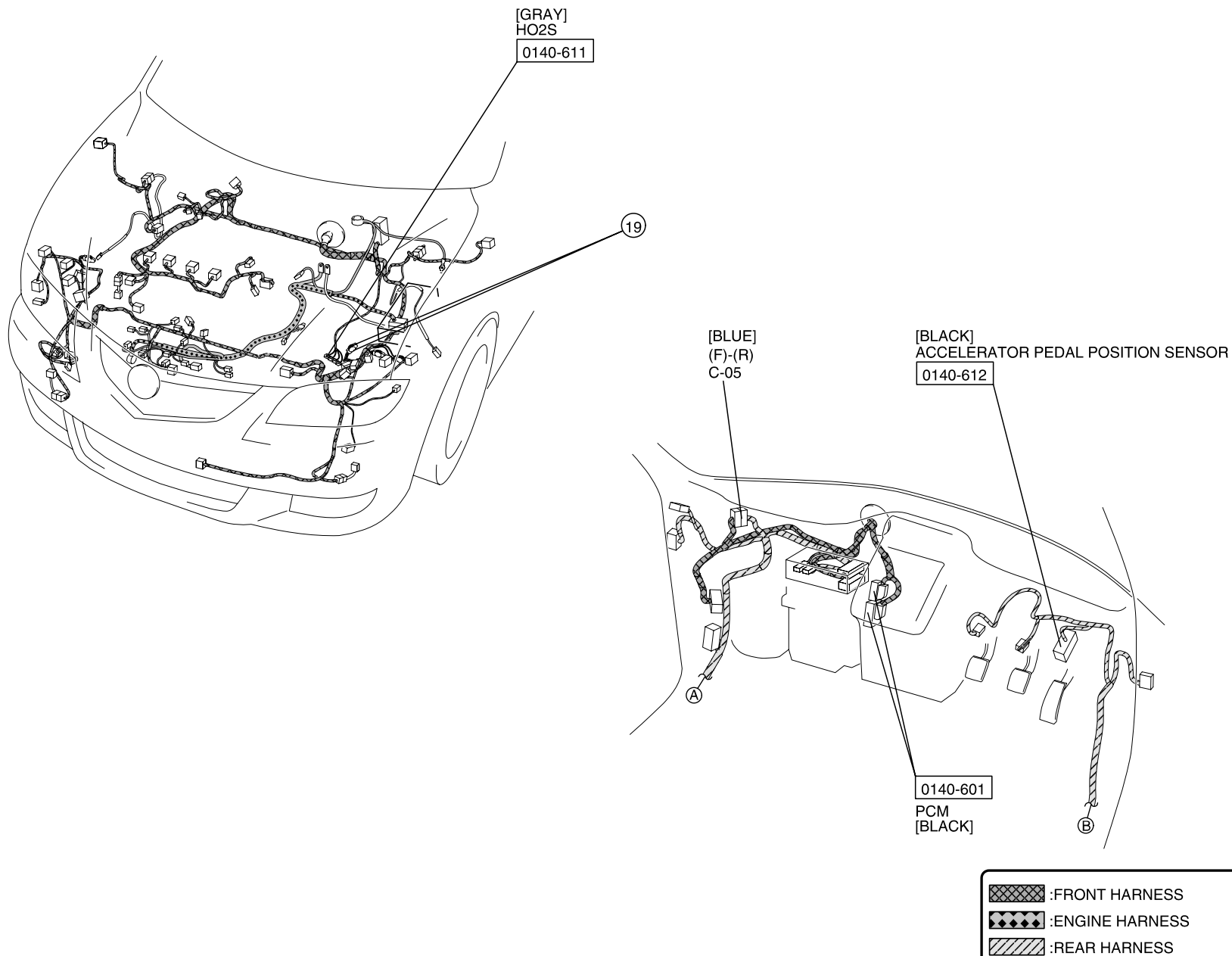
0140-611  
HO2S



0140-612  
ACCELERATOR PEDAL POSITION SENSOR

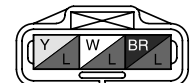
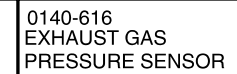
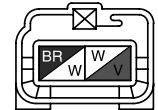
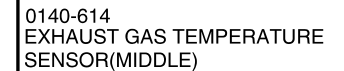
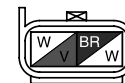
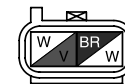
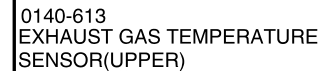
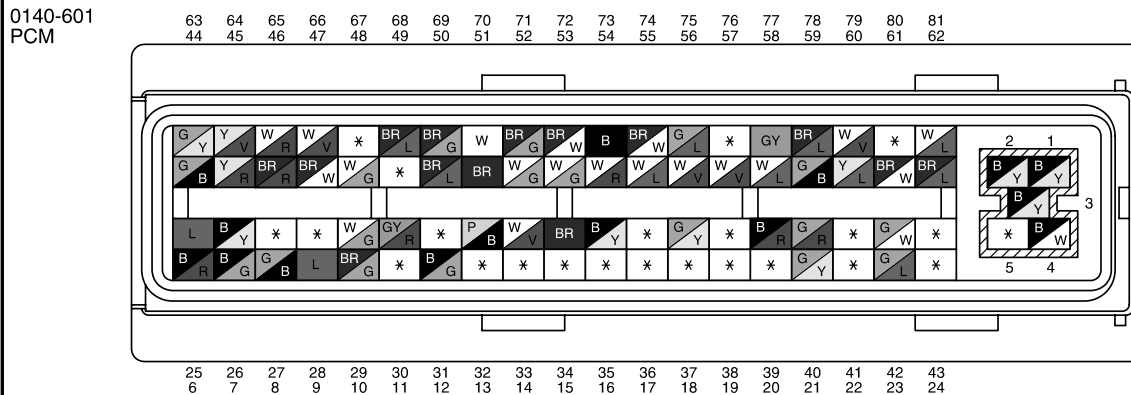
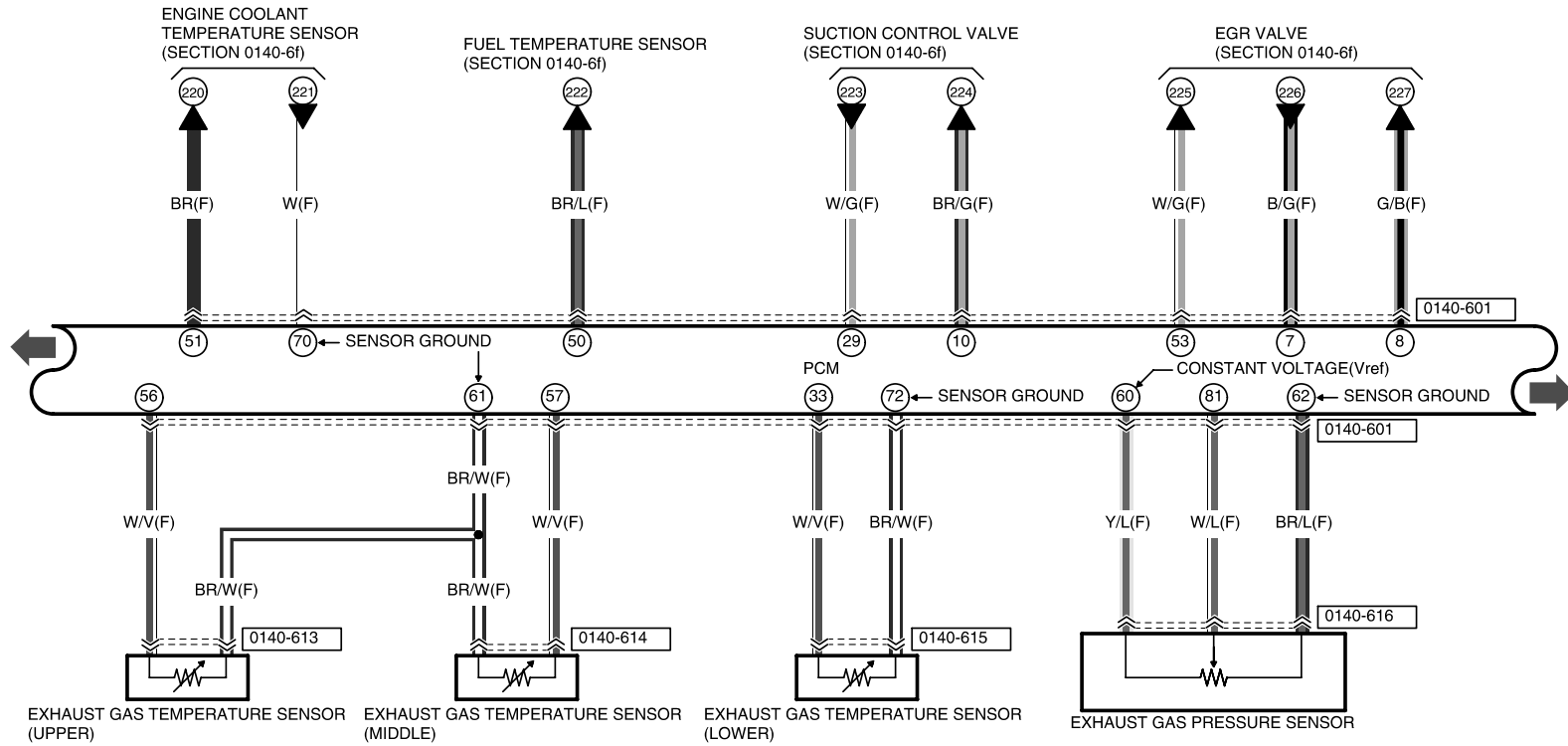






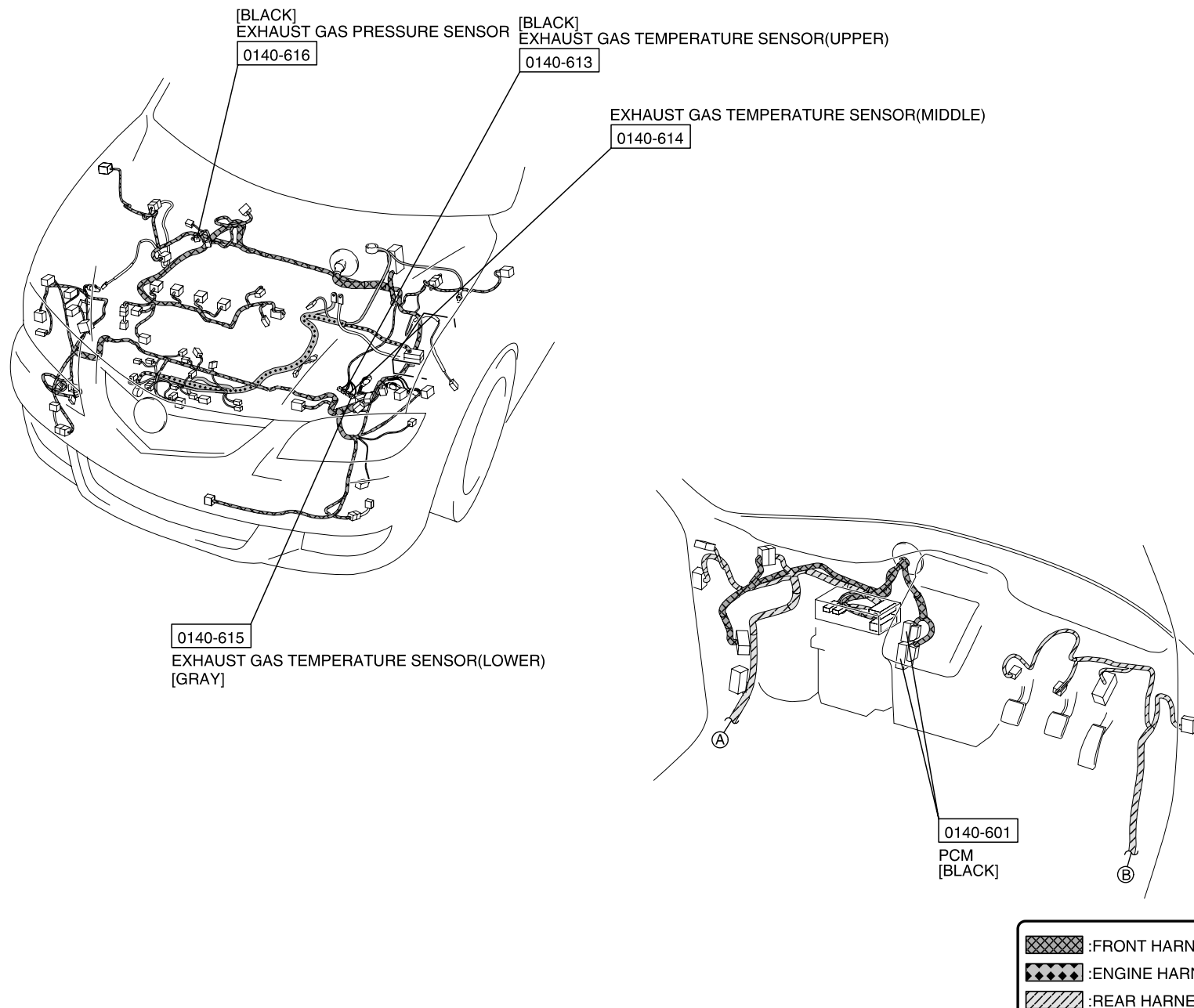
## CONTROL SYSTEM (MZR-CD (RF Turbo))

0140-6e



# CONTROL SYSTEM (MZR-CD (RF Turbo))

0140-6e



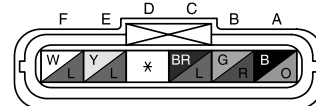
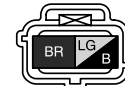
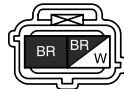
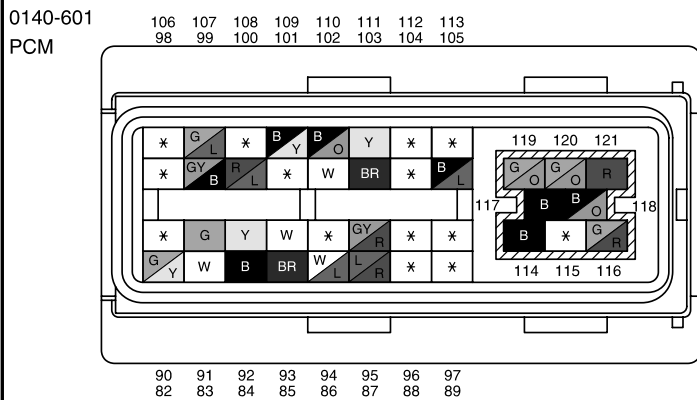
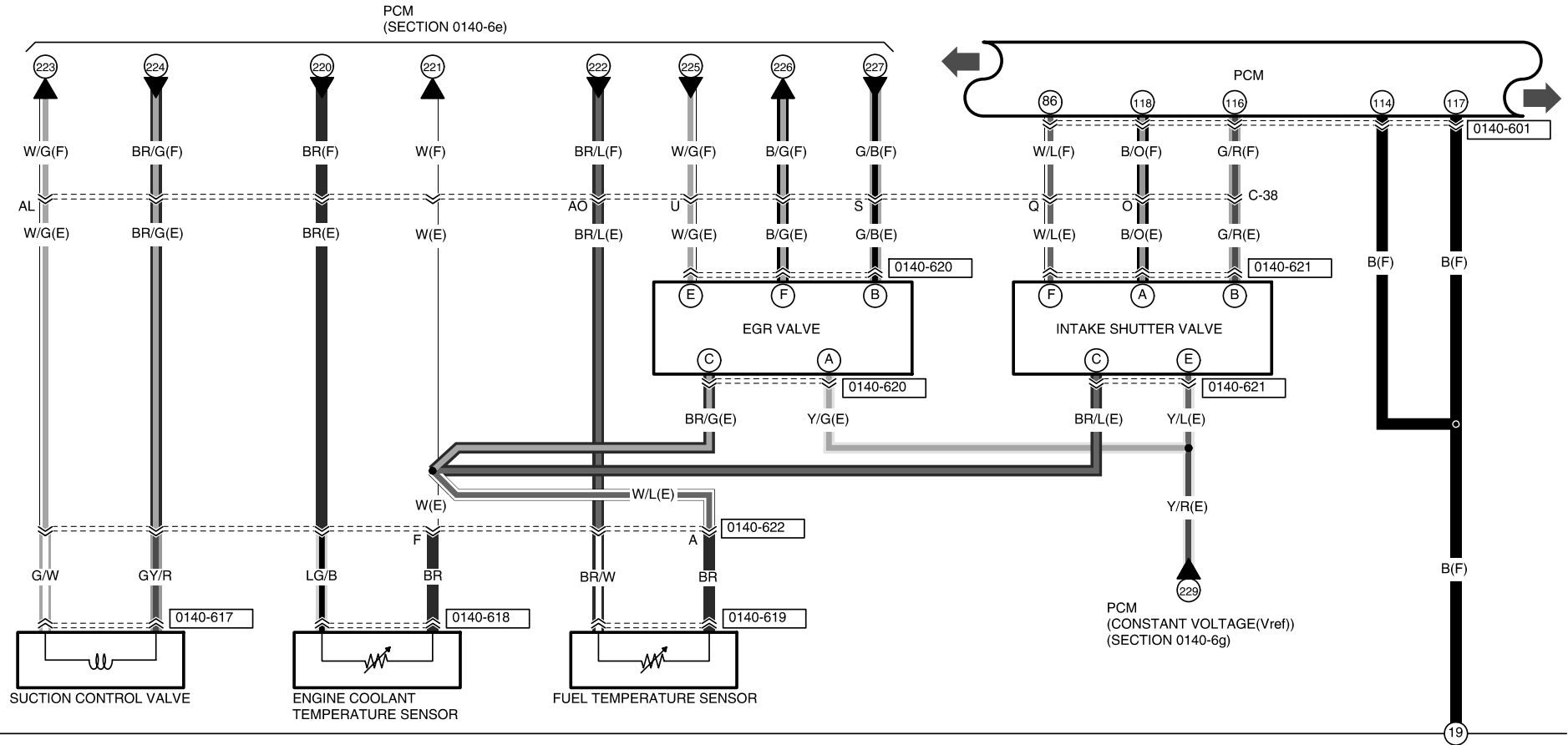
112-11

Added 6/2007 (Ref. No. L095/07)

Mazda3 Wiring Diagram (5672-1\*-06E)

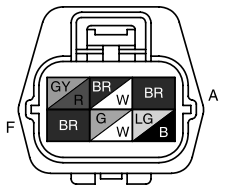
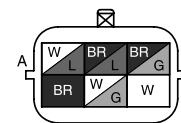
## CONTROL SYSTEM (MZR-CD (RF Turbo))

0140-6f



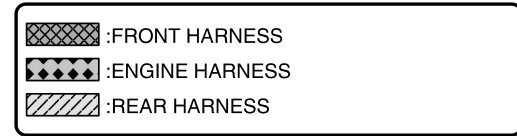
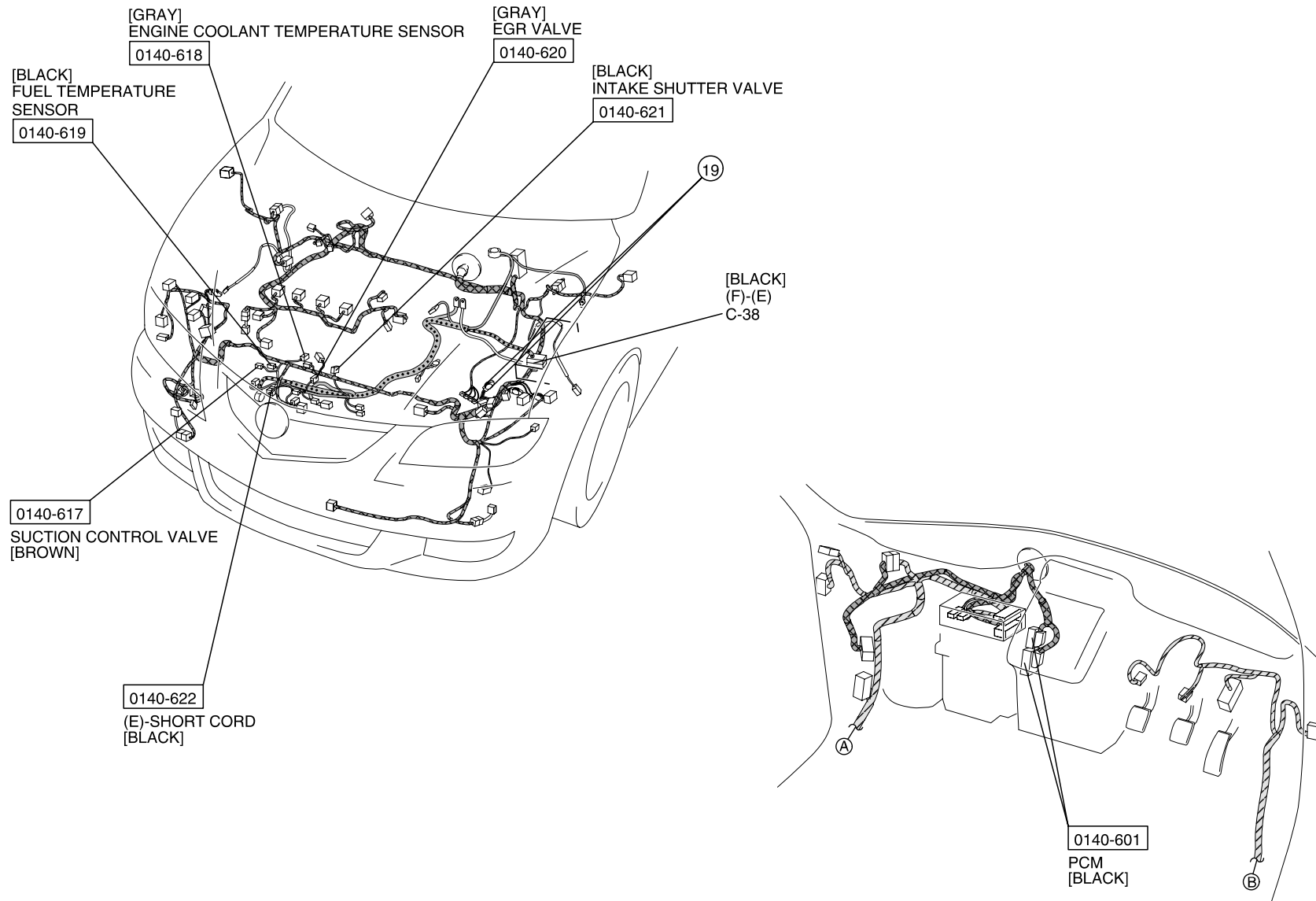
## ENGINE HARNESS

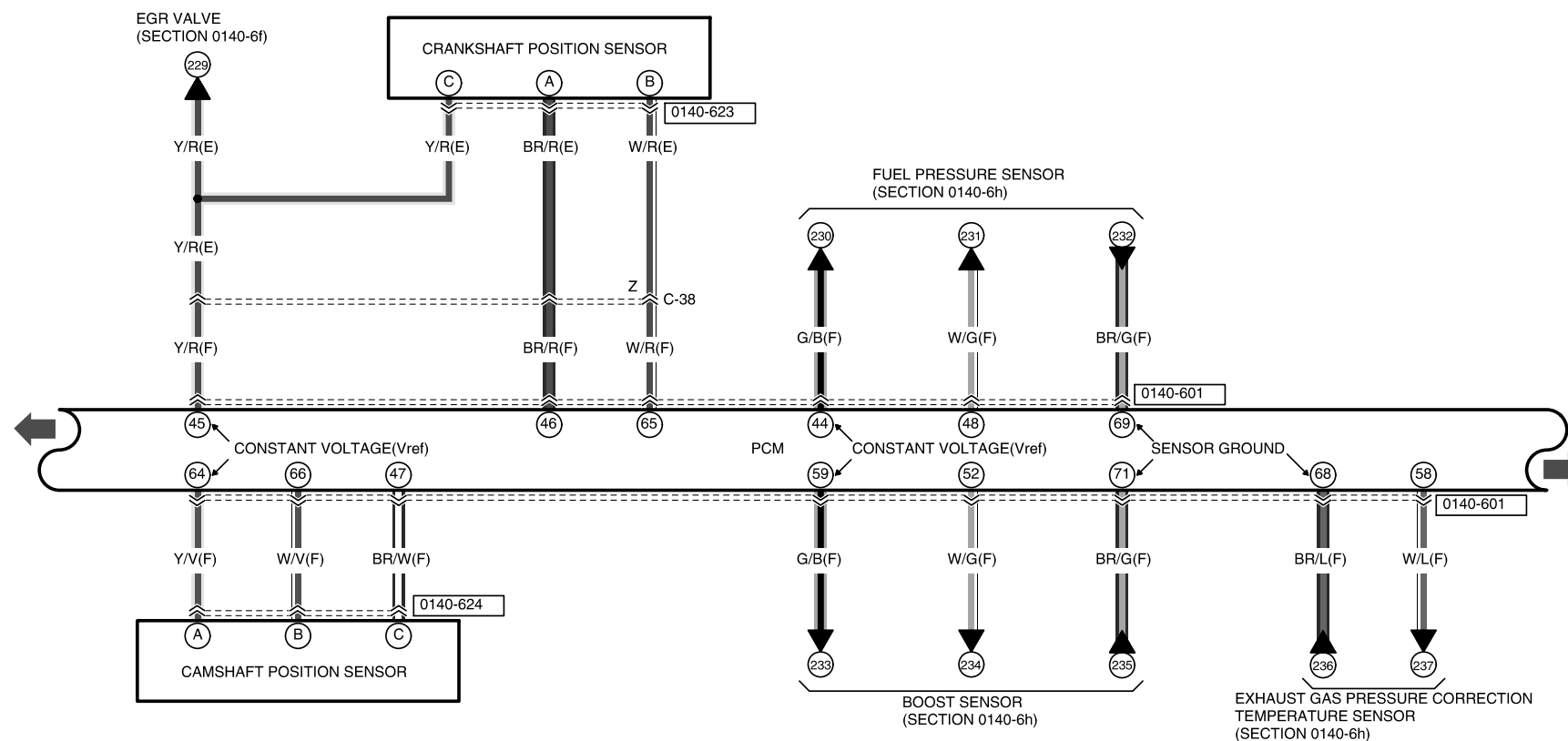
SHORT CORD



# CONTROL SYSTEM (MZR-CD (RF Turbo))

0140-6f

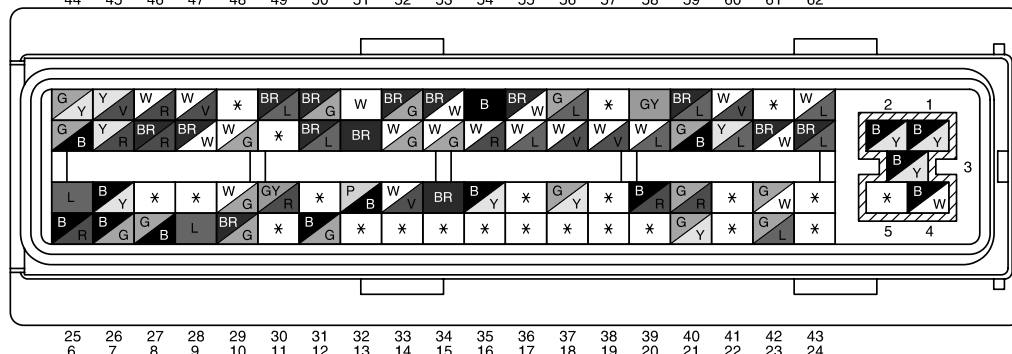




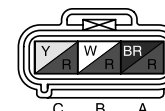
112-14

Added 6/2007 (Ref. No. L095/07)

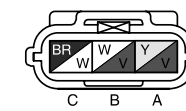
0140-601  
PCM



0140-623  
CRANKSHAFT POSITION SENSOR

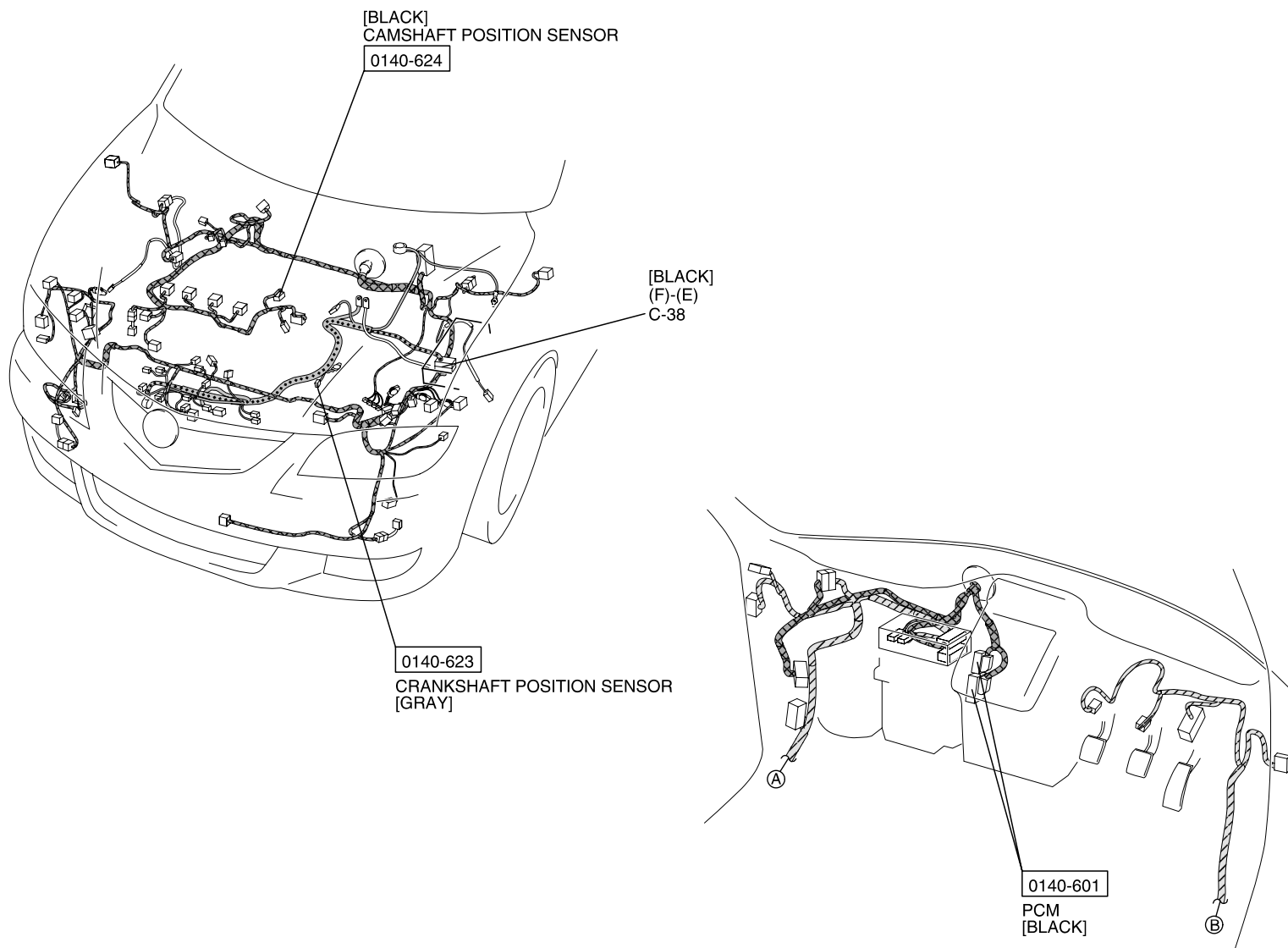


0140-624  
CAMSHAFT POSITION SENSOR



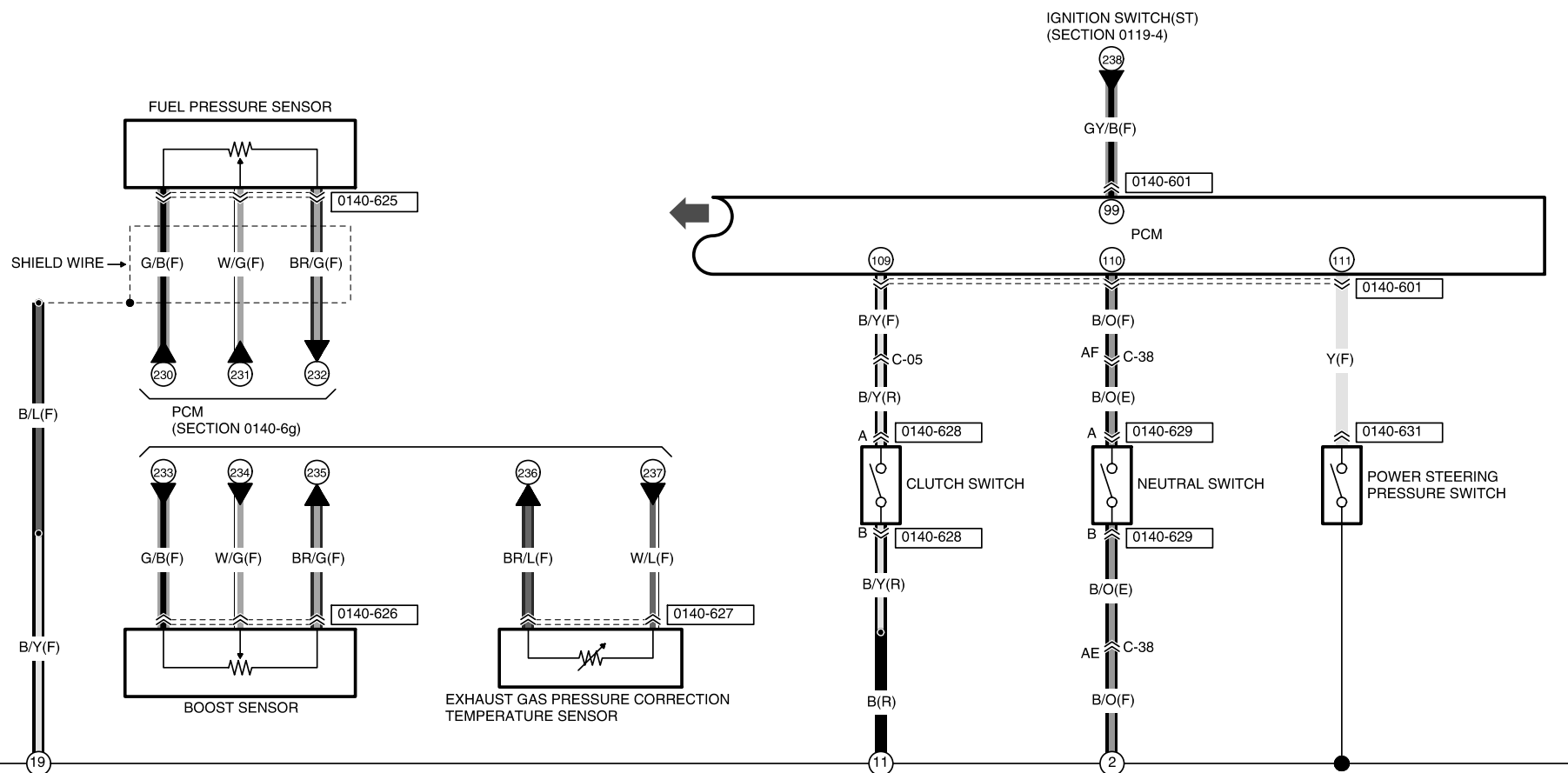
# CONTROL SYSTEM (MZR-CD (RF Turbo))

0140-6g



# CONTROL SYSTEM (MZR-CD (RF Turbo))

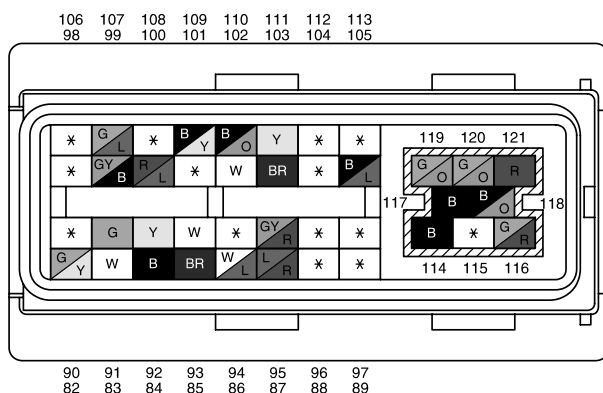
0140-6h



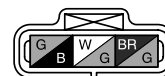
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Added 6/2007 (Ref. No. L095/07)

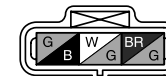
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PCM



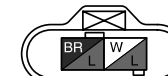
0140-625  
FUEL PRESSURE SENSOR



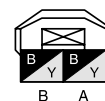
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BOOST SENSOR



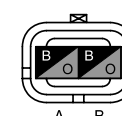
0140-627  
EXHAUST GAS PRESSURE  
CORRECTION TEMPERATURE  
SENSOR



0140-628  
CLUTCH SWITCH



0140-629  
NEUTRAL SWITCH



0140-631  
POWER STEERING  
PRESSURE SWITCH

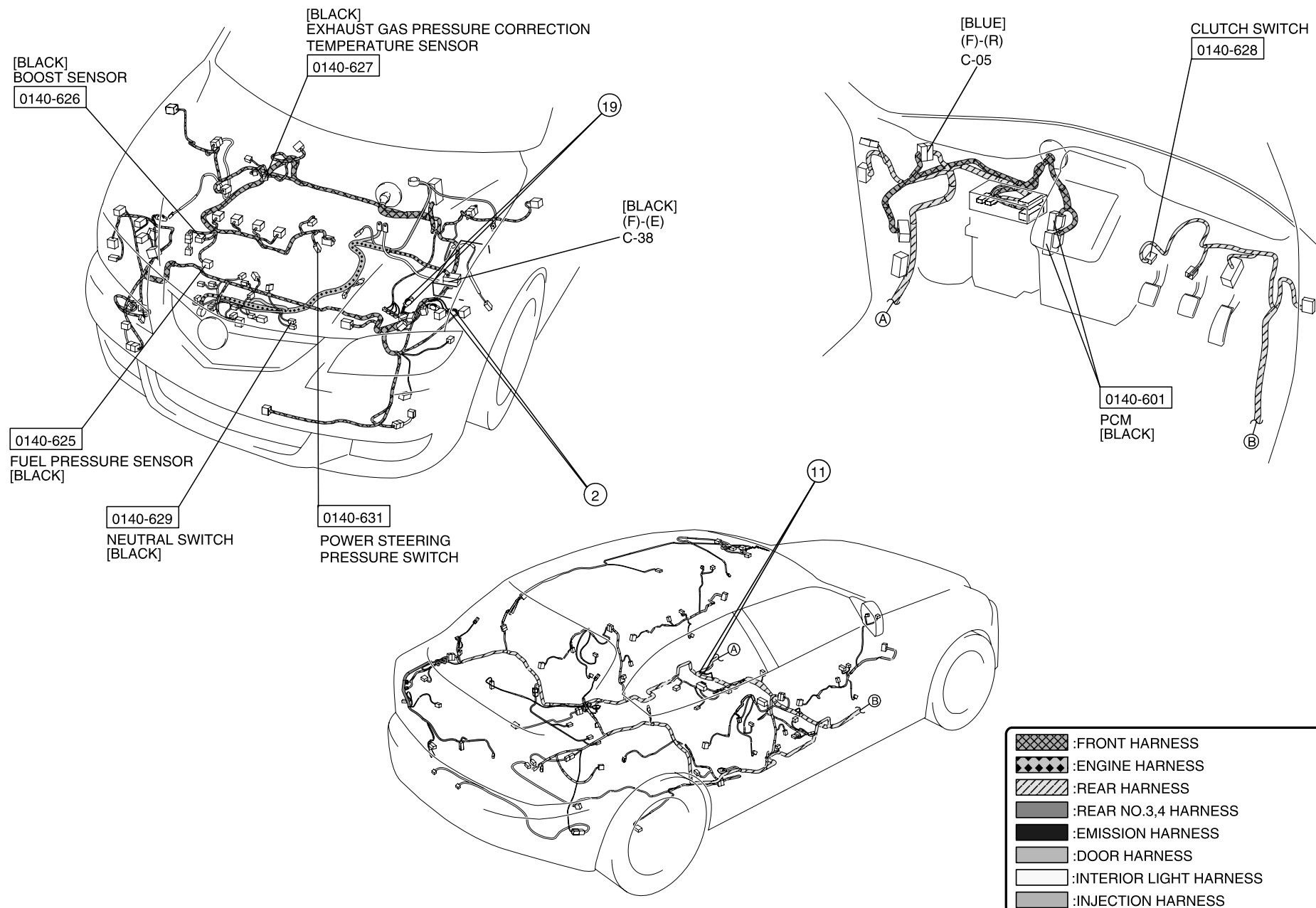


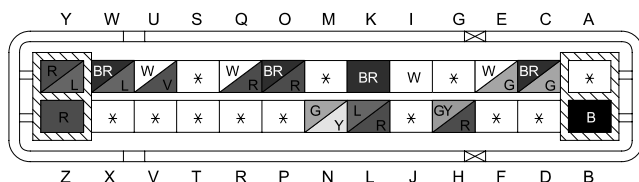
Mazda3 Wiring Diagram (5672-1\*-06E)



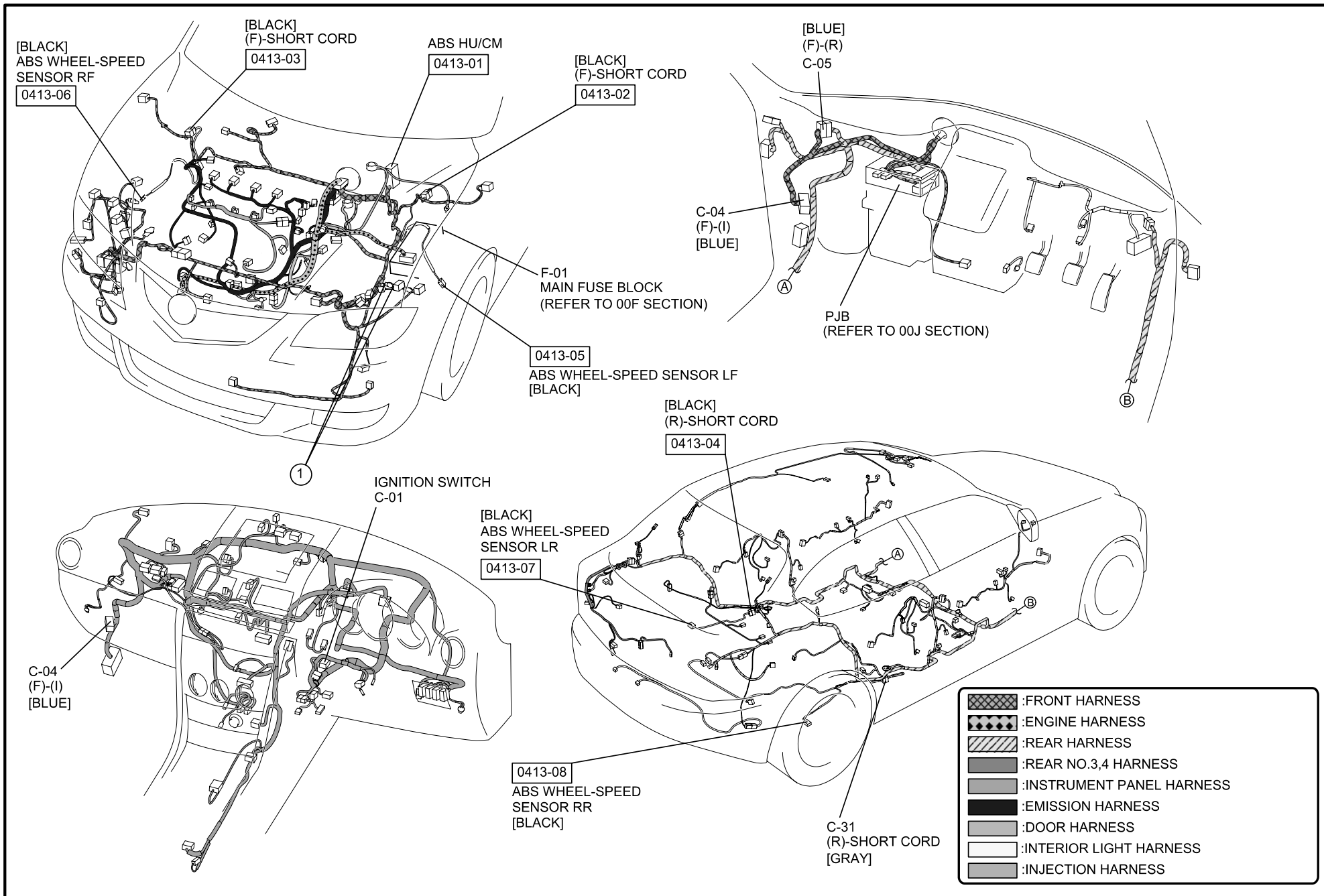
# CONTROL SYSTEM (MZR-CD (RF Turbo))

0140-6h



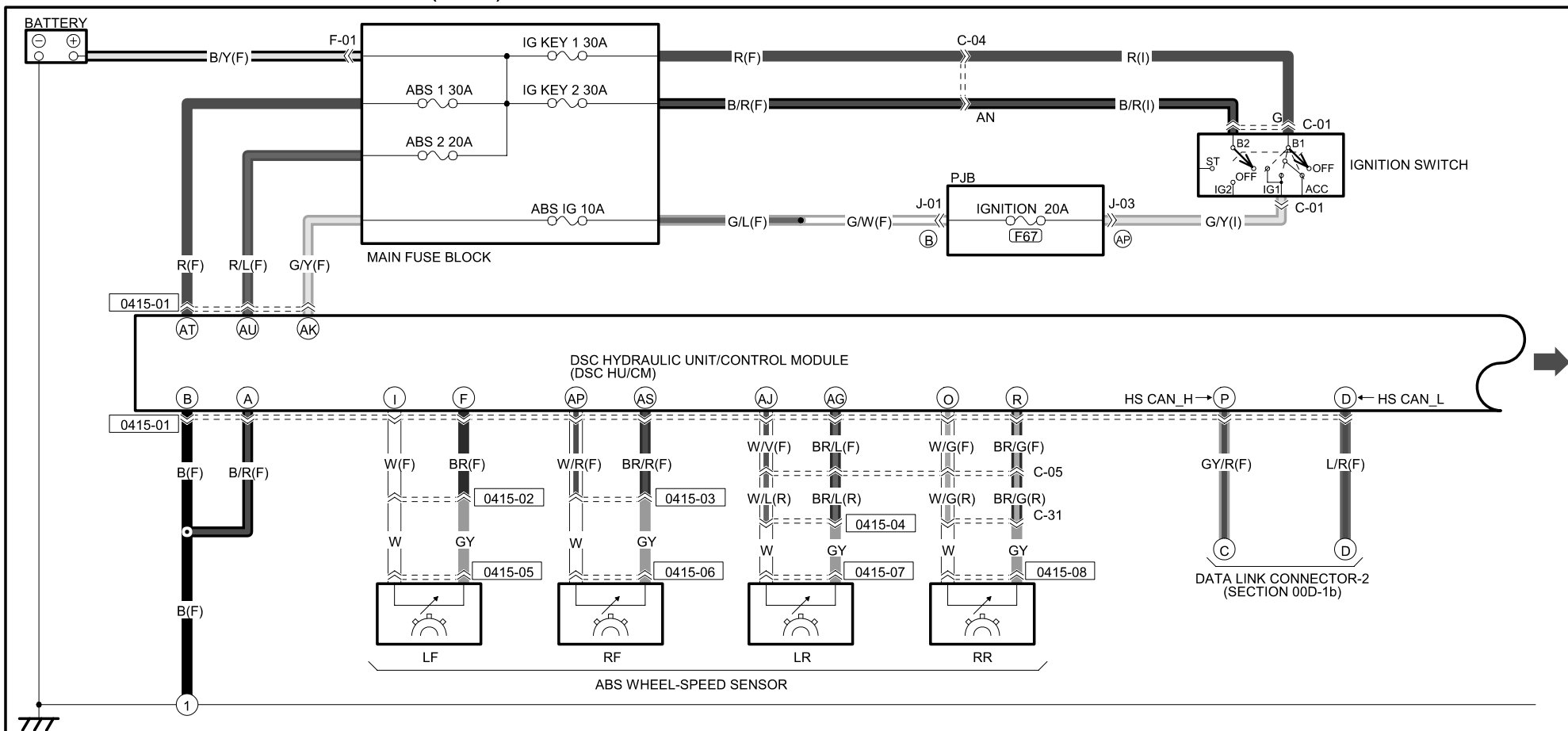


A diagram of a 2-wire cable. It consists of a central rectangular core divided into two horizontal sections. The top section is white and labeled 'W'. The bottom section is grey and labeled 'GY'. This core is surrounded by a thick, rounded outer jacket. Inside the jacket, there are two vertical lines on each side, representing the insulation for the two conductors.

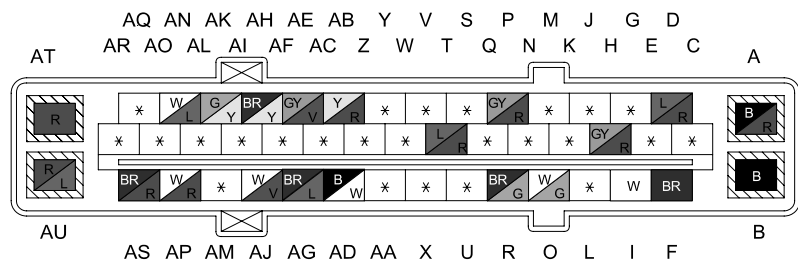


# DYNAMIC STABILITY CONTROL (DSC)

0415-a

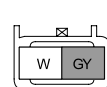


0415-01  
DSC HU/CM



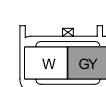
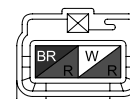
0415-02  
FRONT HARNESS-SHORT CORD

FRONT HARNESS SHORT CORD



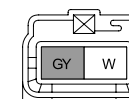
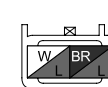
0415-03  
FRONT HARNESS-SHORT CORD

FRONT HARNESS SHORT CORD



0415-04  
REAR HARNESS-SHORT CORD

REAR HARNESS SHORT CORD



0415-05  
ABS WHEEL-SPEED SENSOR LF



0415-06  
ABS WHEEL-SPEED SENSOR RF

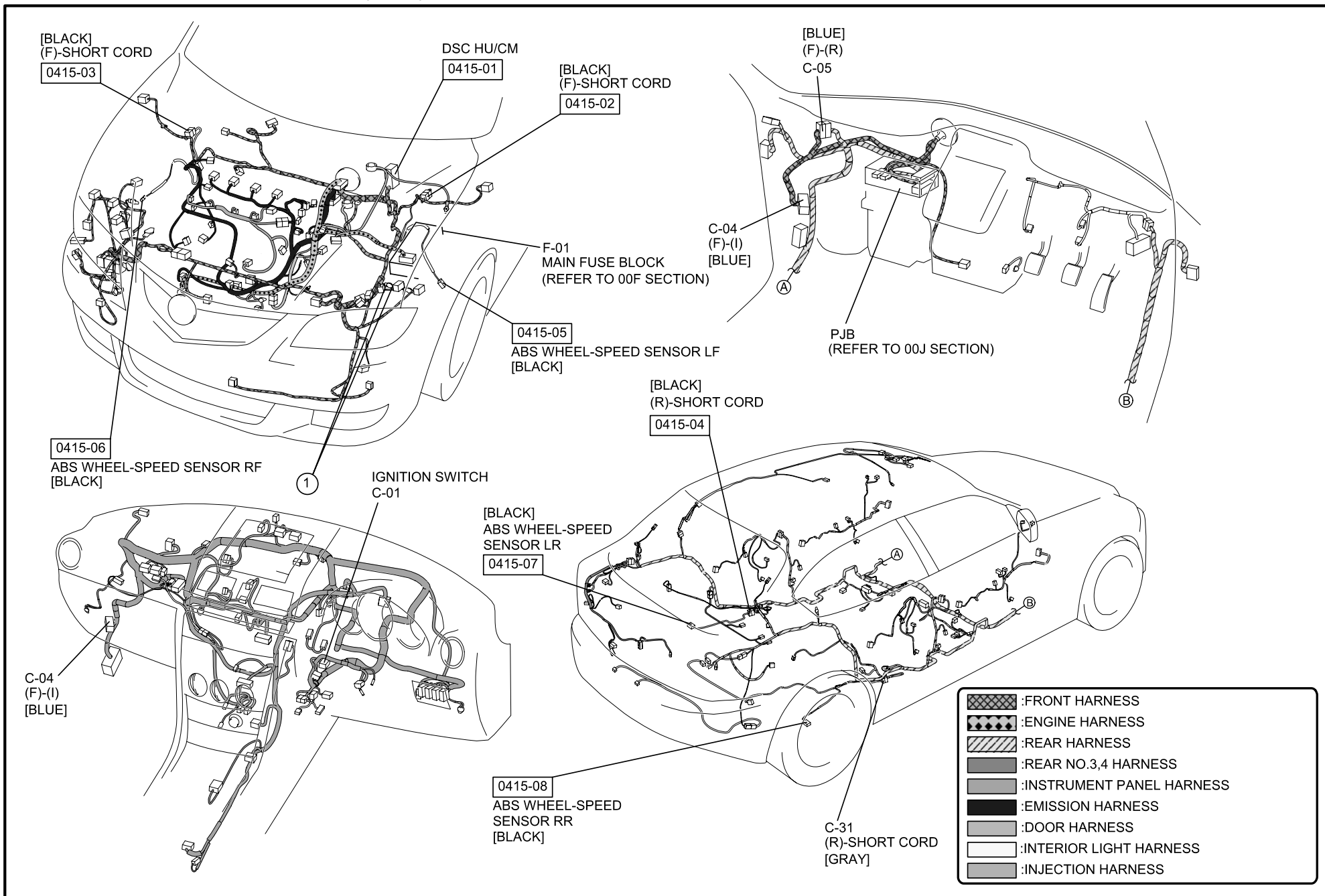


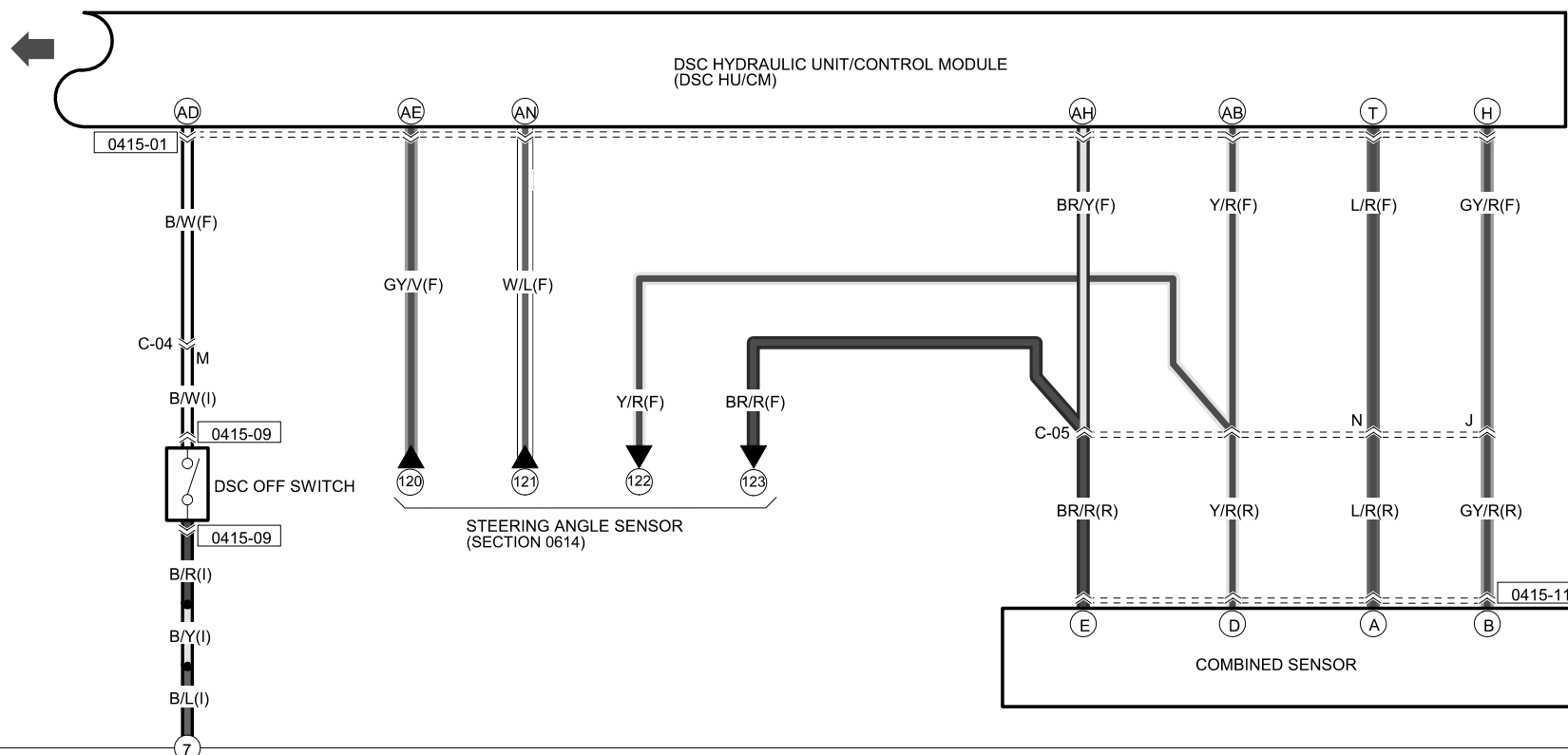
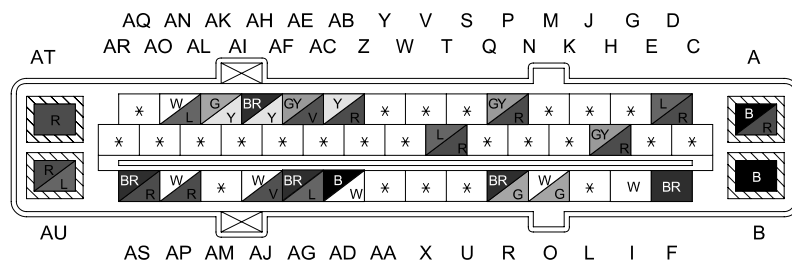
0415-07  
ABS WHEEL-SPEED SENSOR LR



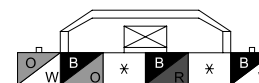
0415-08  
ABS WHEEL-SPEED SENSOR RR



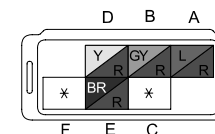


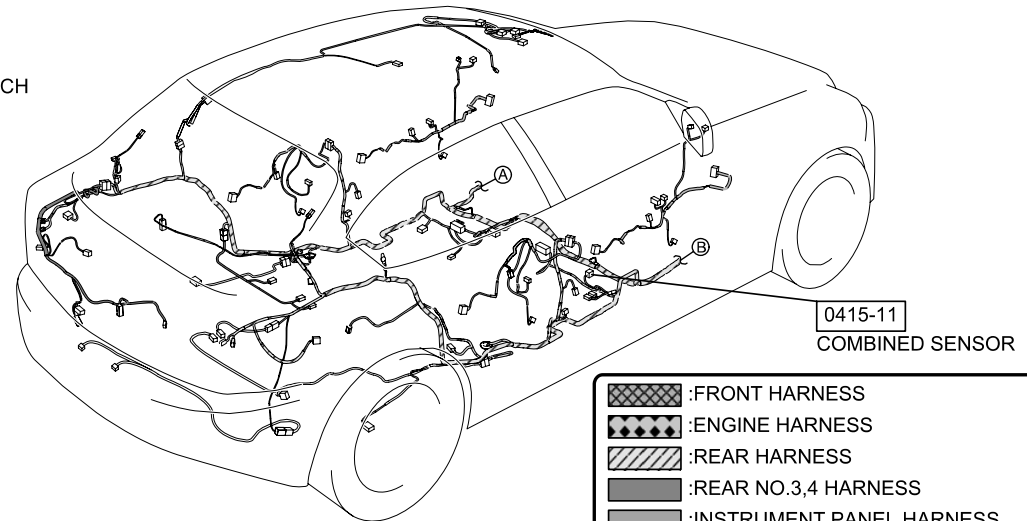
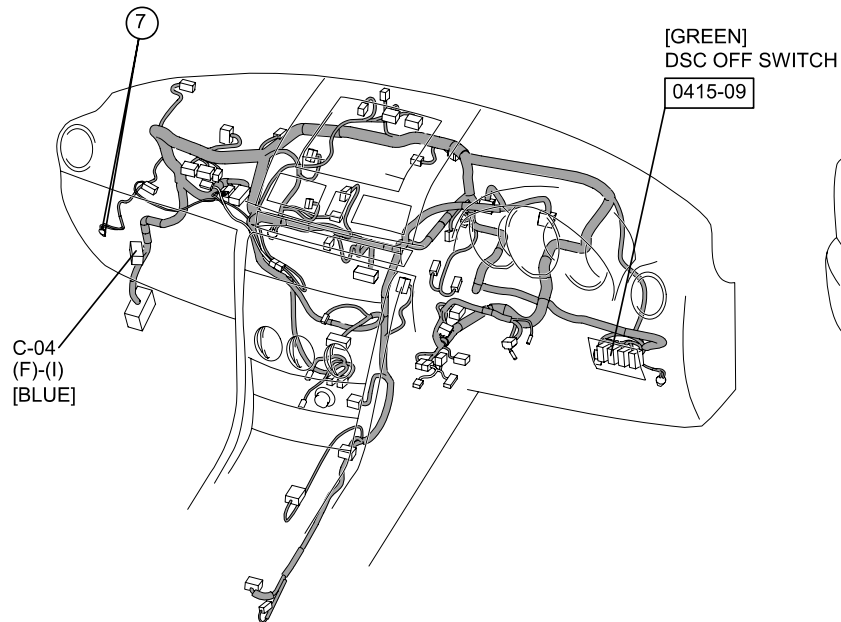
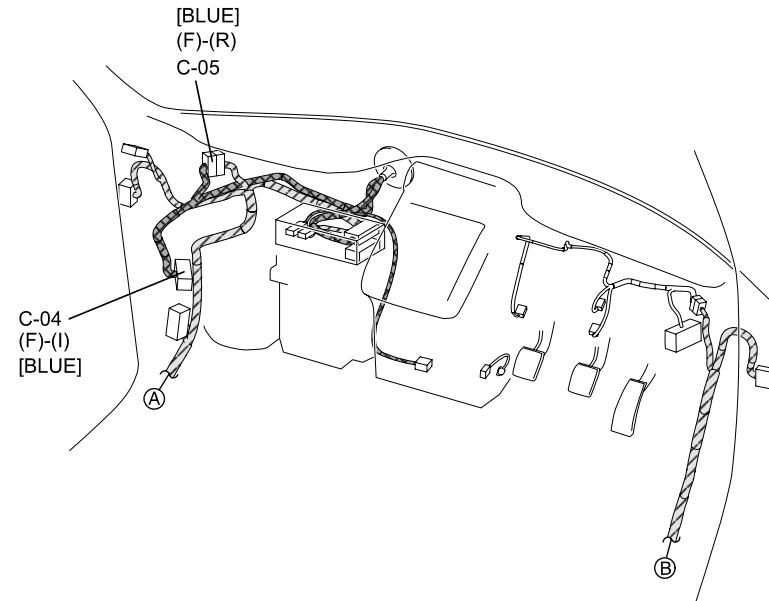
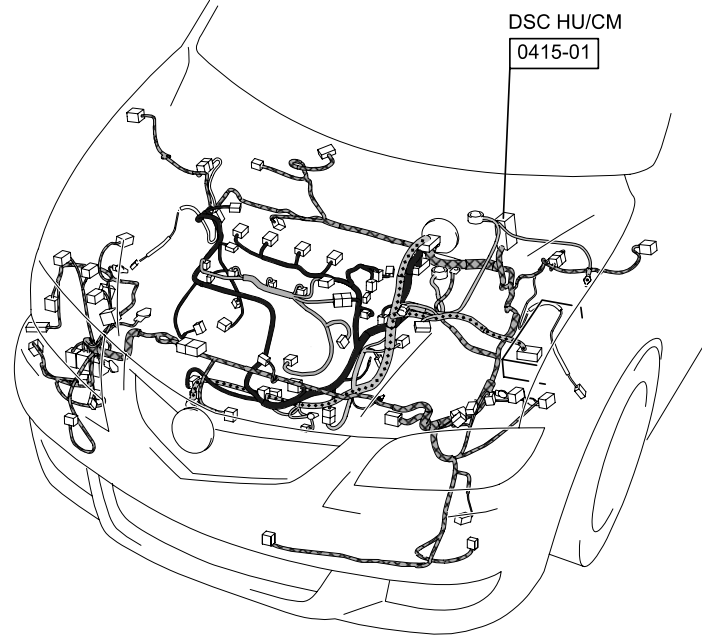
0415-01  
DSC HU/CM










0415-09  
DSC OFF SWITCH

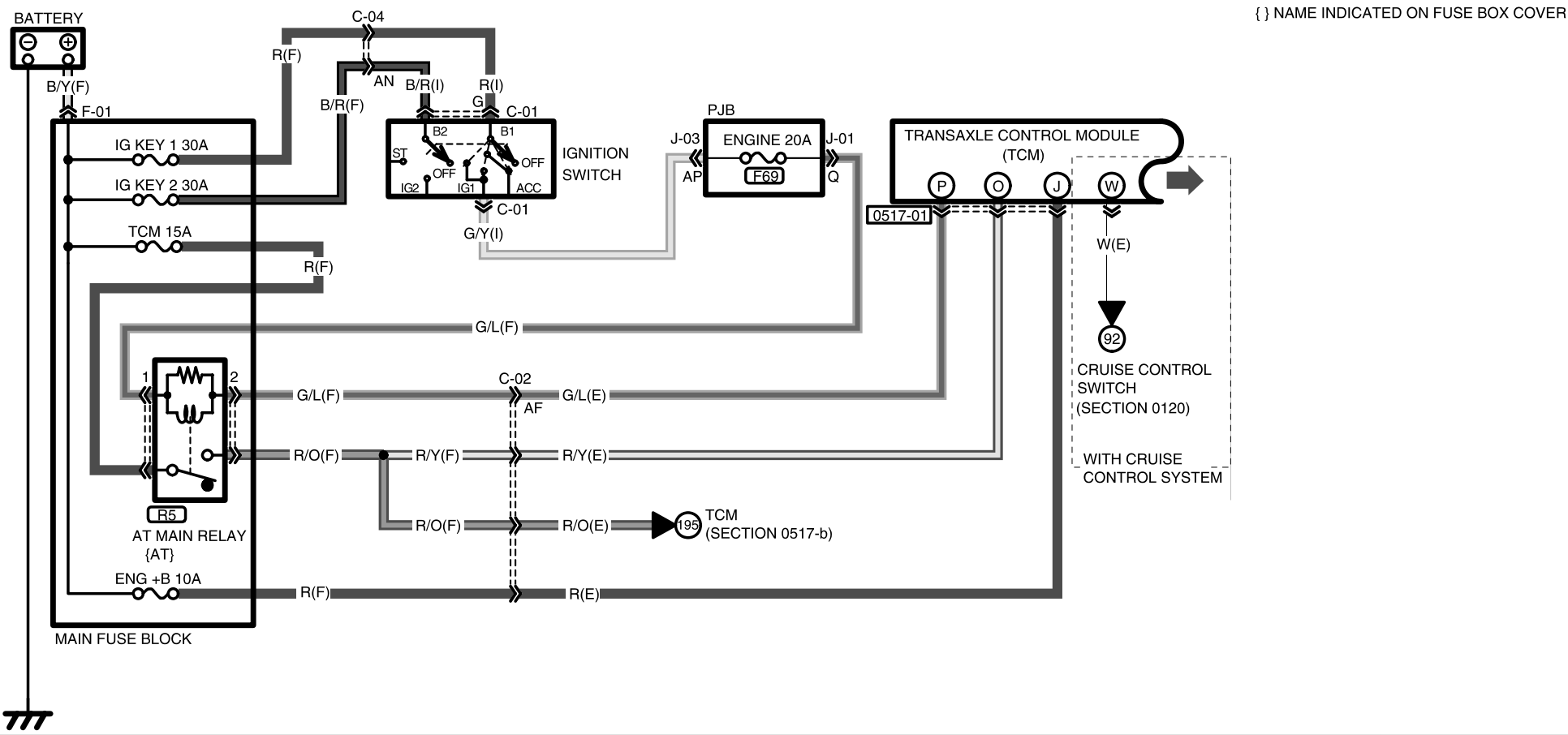


0415-11	COMBINED SENSOR
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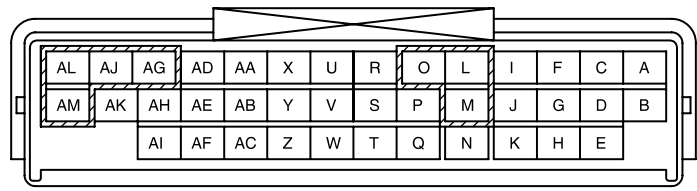
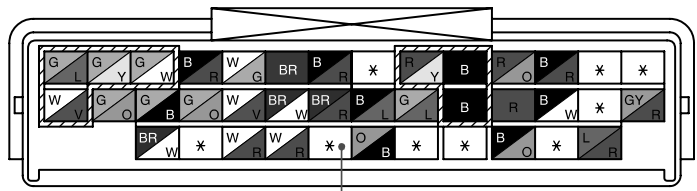




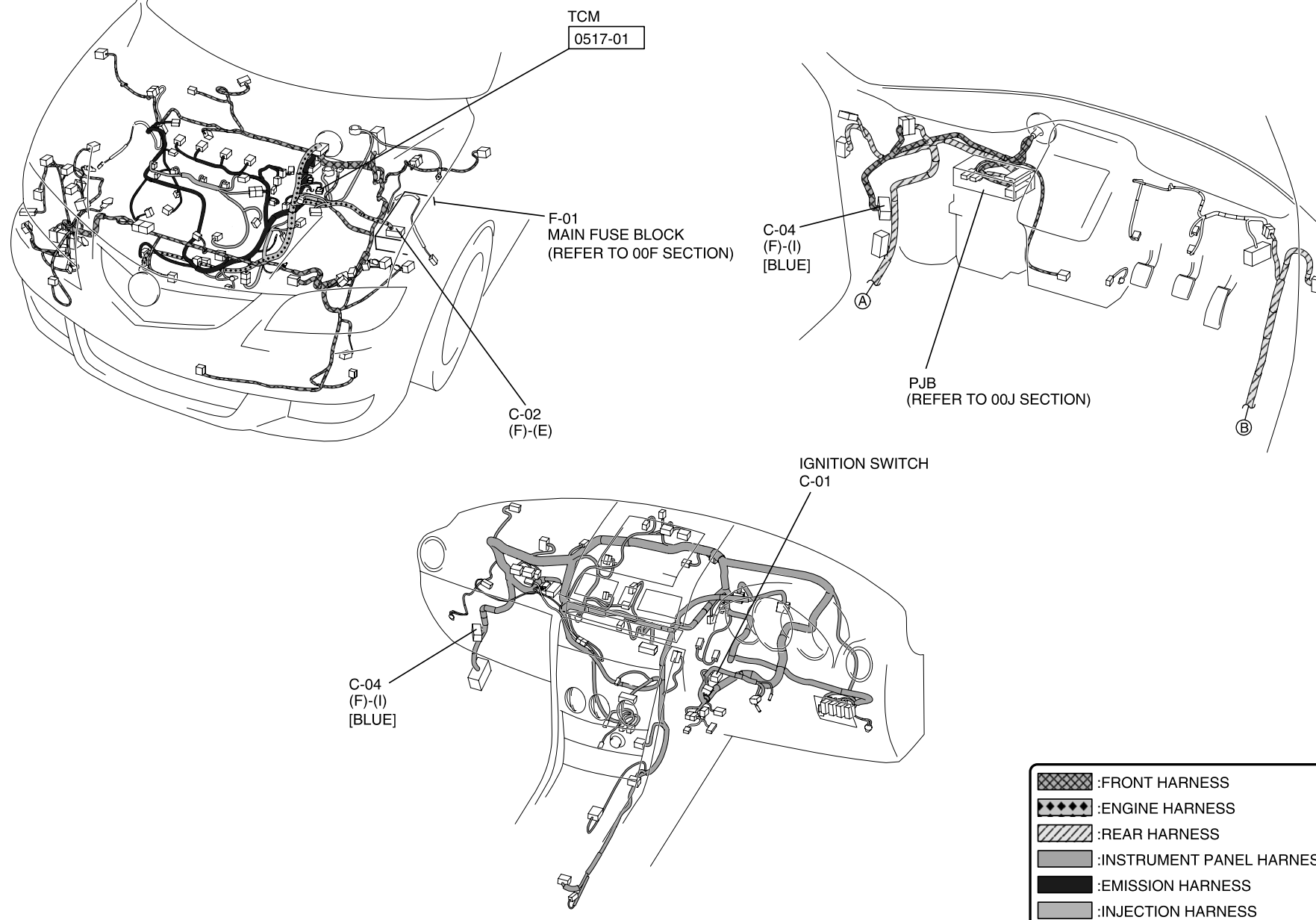
-  :FRONT HARNESS
-  :ENGINE HARNESS
-  :REAR HARNESS
-  :REAR NO.3,4 HARNESS
-  :INSTRUMENT PANEL HARNESS
-  :EMISSION HARNESS
-  :DOOR HARNESS
-  :INTERIOR LIGHT HARNESS
-  :INJECTION HARNESS

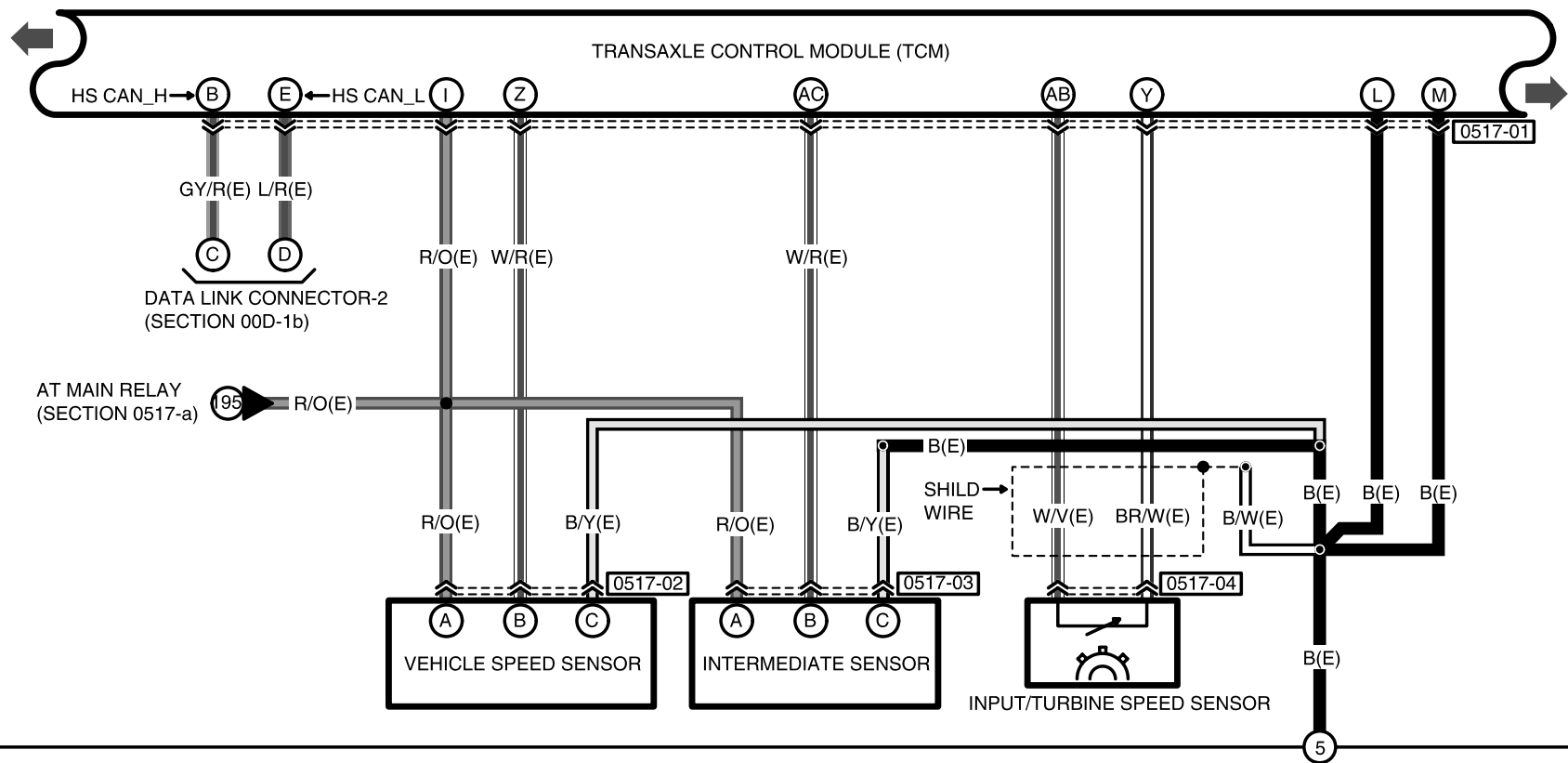


0517-01  
TCM

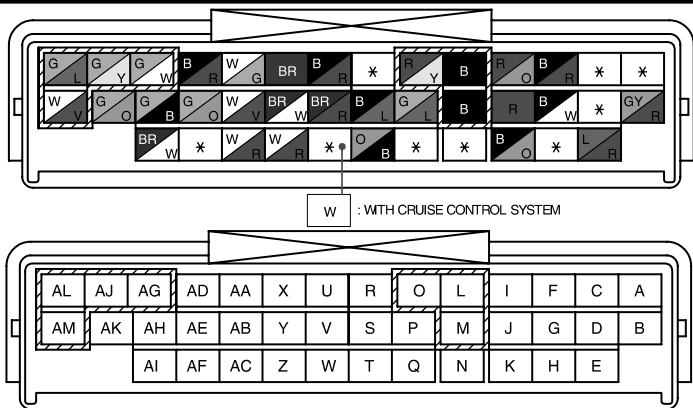




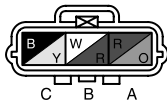




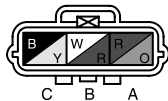
0517-01  
TCM



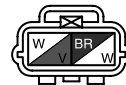
0517-02  
VEHICLE SPEED SENSOR

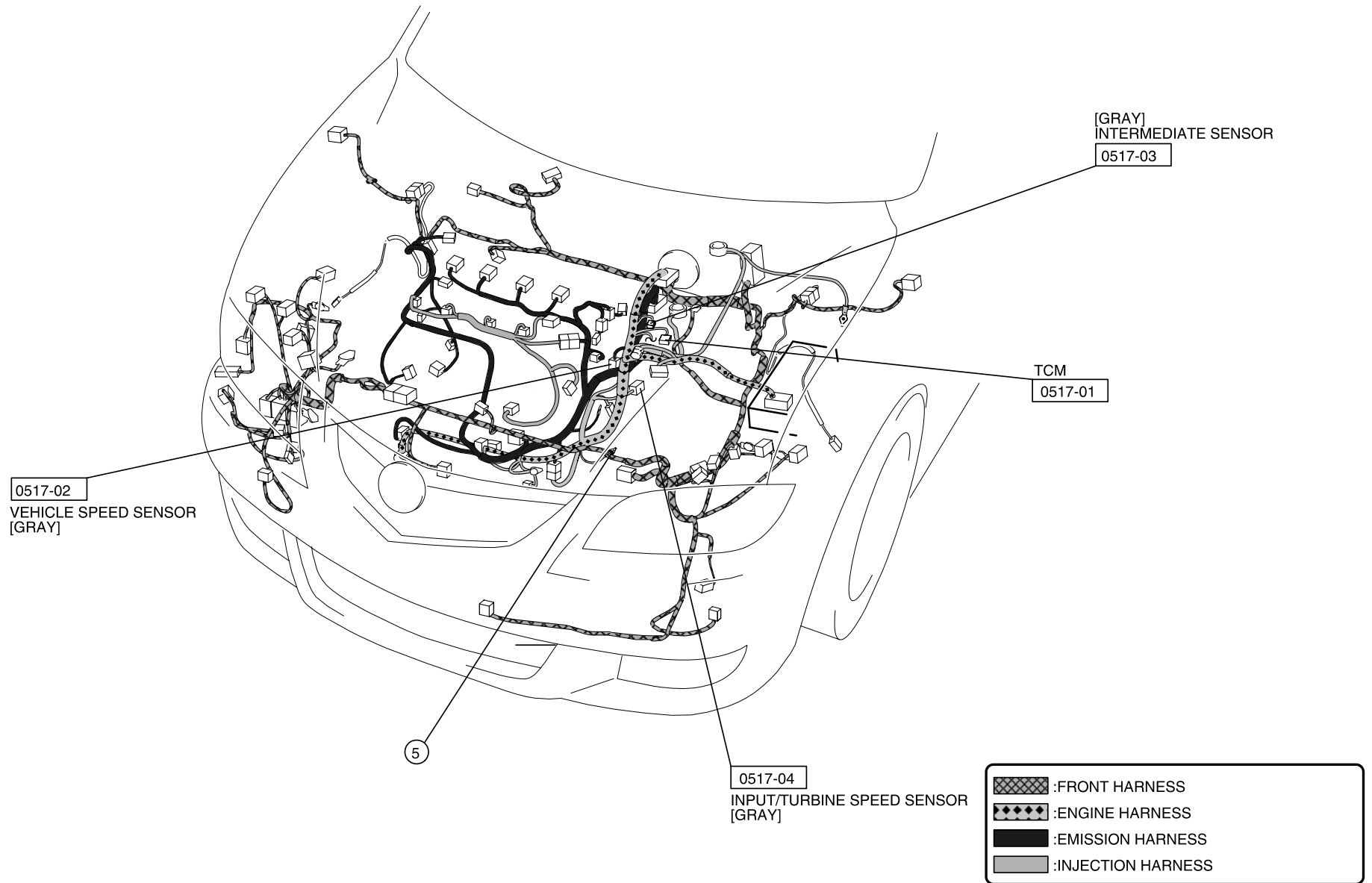


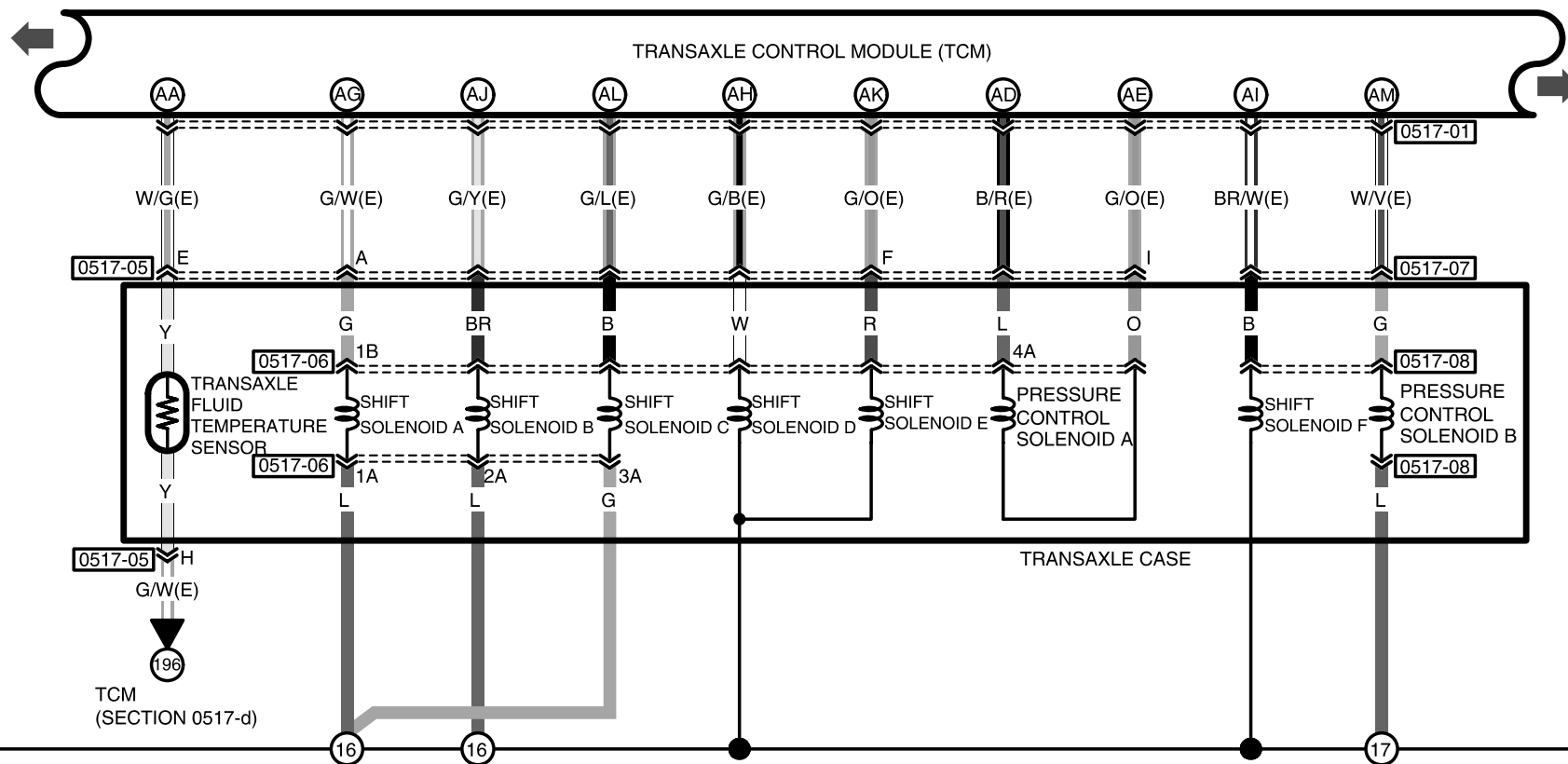
0517-03  
INTERMEDIATE SENSOR



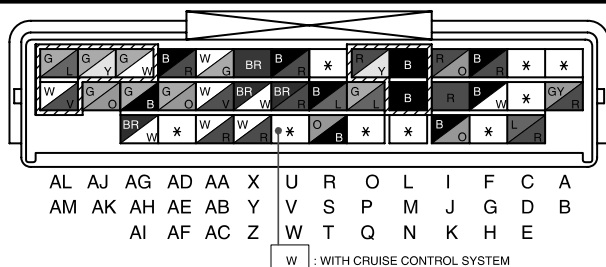
0517-04  
INPUT/TURBINE SPEED SENSOR







0517-01  
TCM



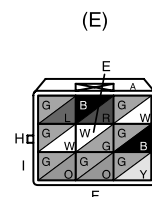
0517-06

SOLENOID VALVE (TRANSAXLE SHORT CORD (PRIMARY))

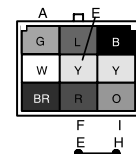


0517-05

ENGINE(E)-TRANSAXLE SHORT CORD (PRIMARY)

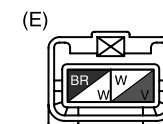


(TRANSAXLE SHORT CORD (PRIMARY))



0517-07

ENGINE(E)-TRANSAXLE SHORT CORD (SECONDARY)

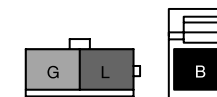


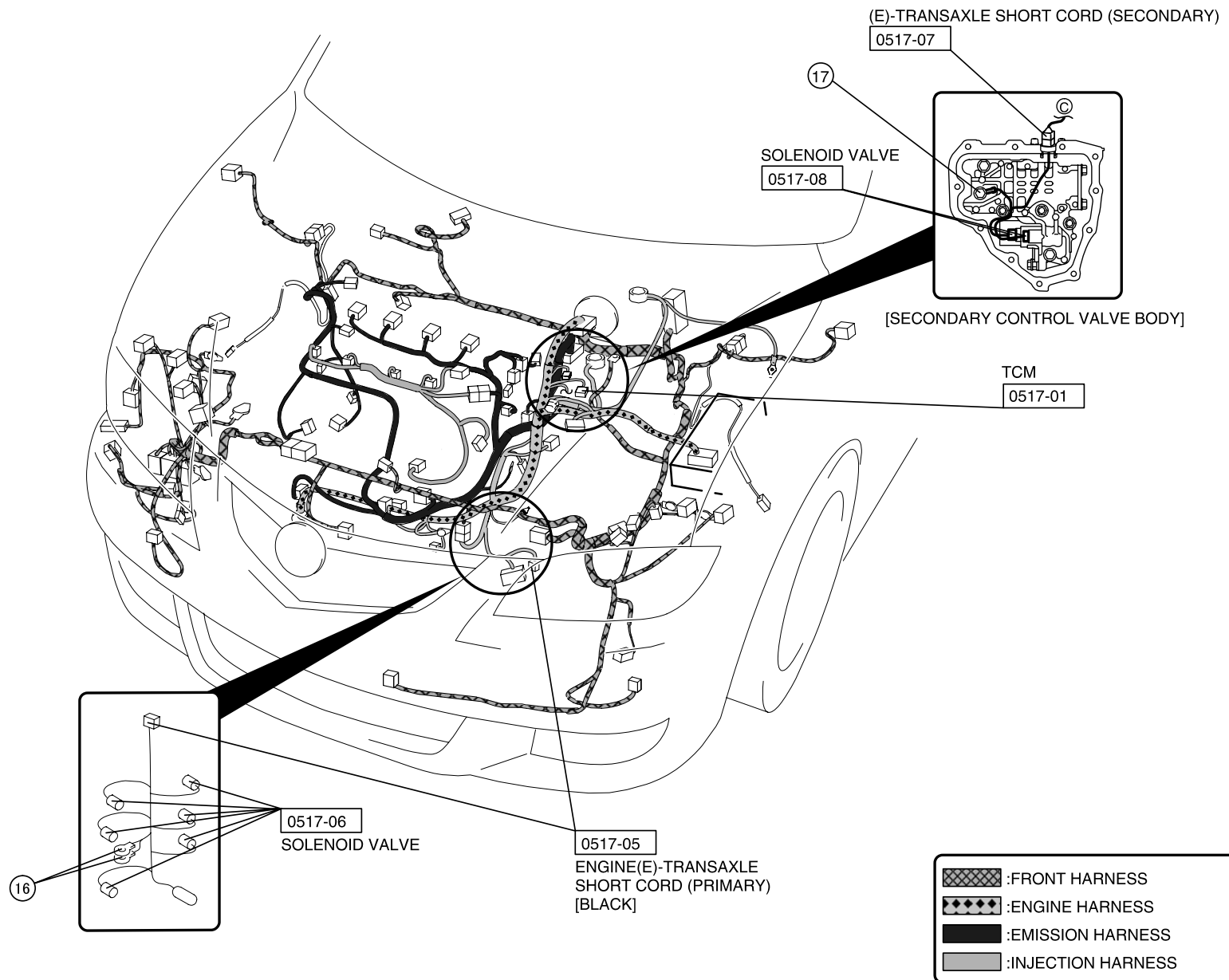
(TRANSAXLE SHORT CORD (SECONDARY))

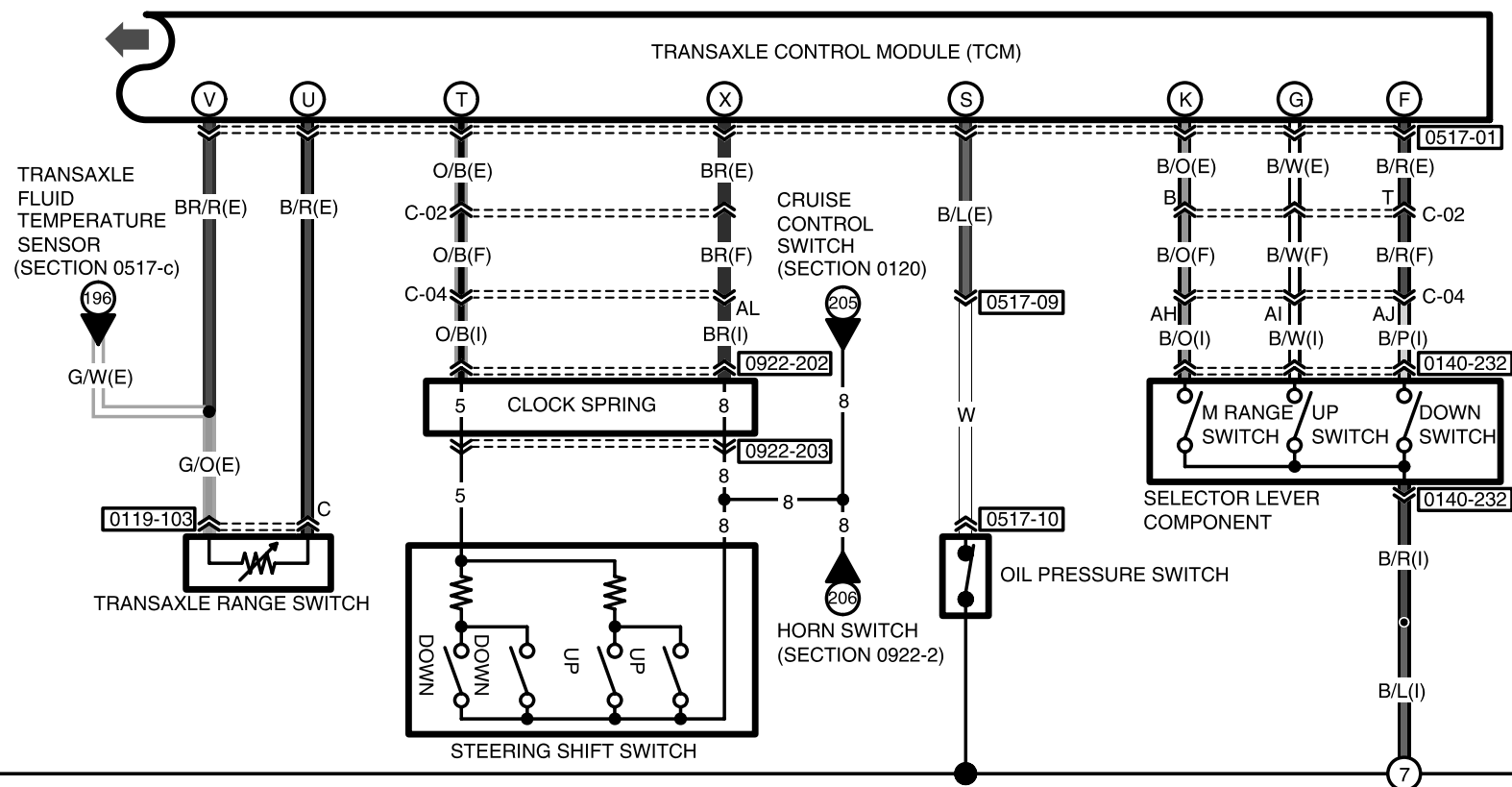


0517-08

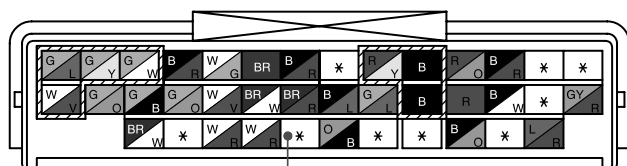
SOLENOID VALVE (TRANSAXLE SHORT CORD (SECONDARY))







0517-01  
TCM



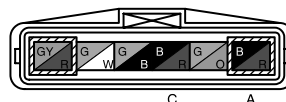
AL AJ AG AD AA X U R O L I F C A  
AM AK AH AE AB Y V S P M J G D B  
AI AF AC Z W T Q N K H E

W : WITH CRUISE CONTROL SYSTEM

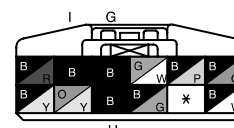
0517-09  
ENGINE HARNESS-SHORT CORD  
ENGINE HARNESS SHORT CORD



0119-103  
TRANSAXLE RANGE SWITCH



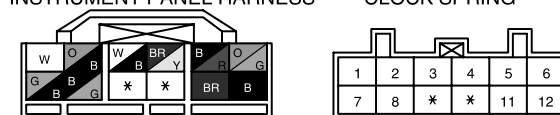
0140-232  
SELECTOR LEVER COMPONENT



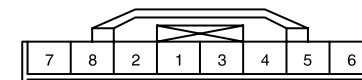
0517-10  
OIL PRESSURE SWITCH

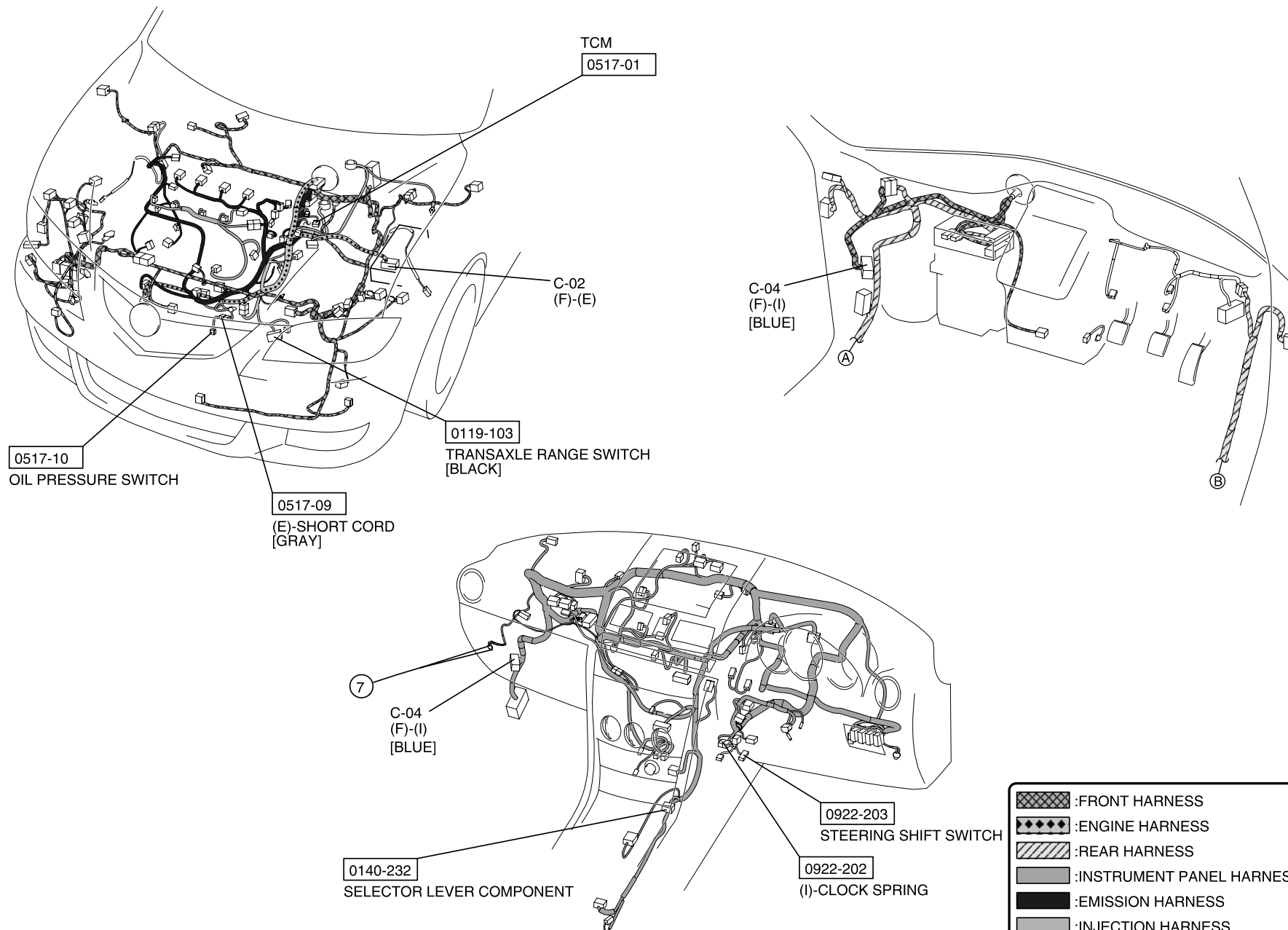



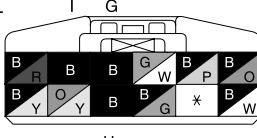
0922-202  
INSTRUMENT PANEL HARNESS-CLOCK SPRING  
INSTRUMENT PANEL HARNESS CLOCK SPRING  
TERMINALS OF THIS CONNECTOR ARE INDICATED BY NUMBERS.



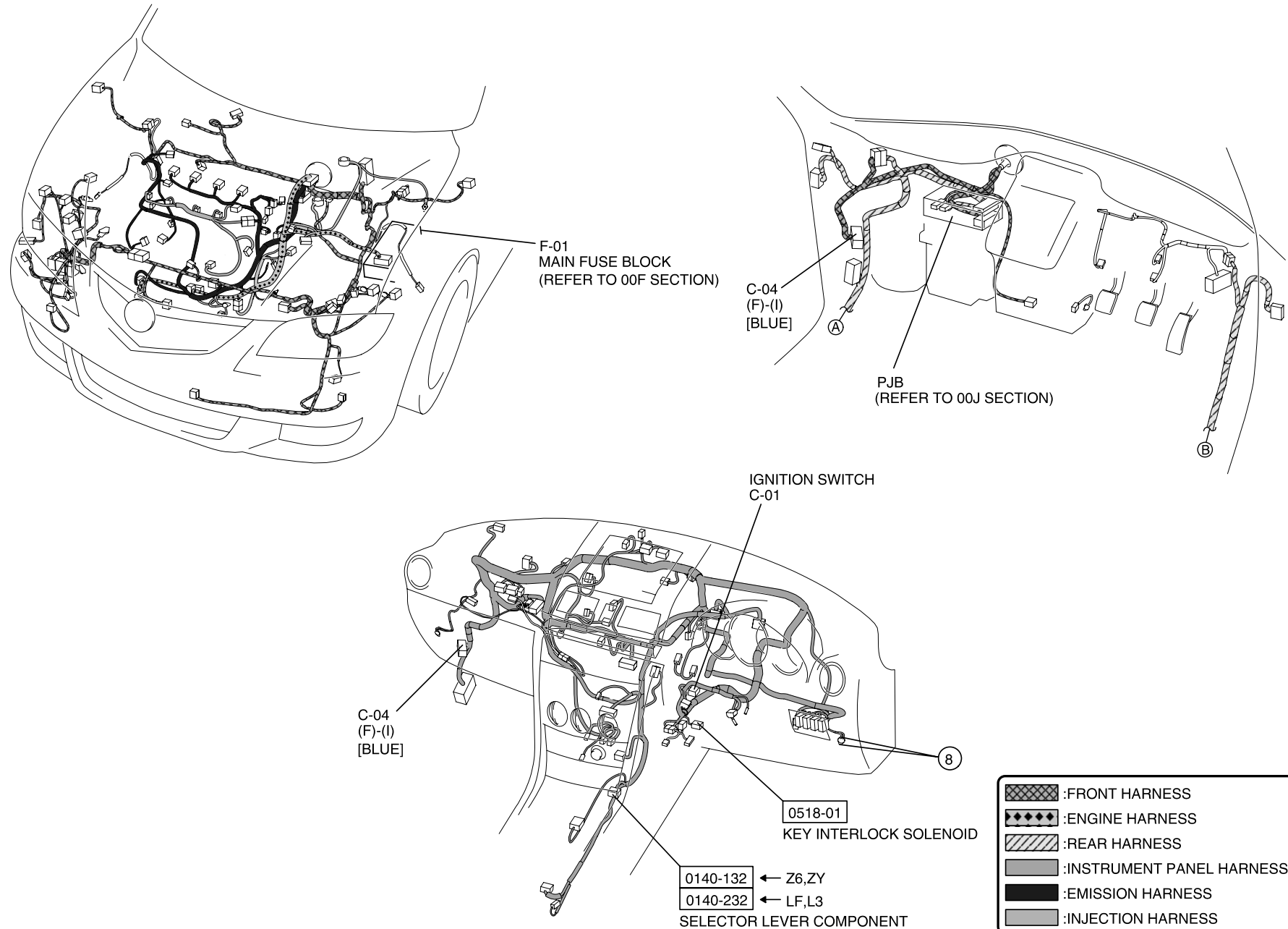
0922-203  
STEERING SHIFT SWITCH  
TERMINALS OF THIS CONNECTOR ARE INDICATED BY NUMBERS.

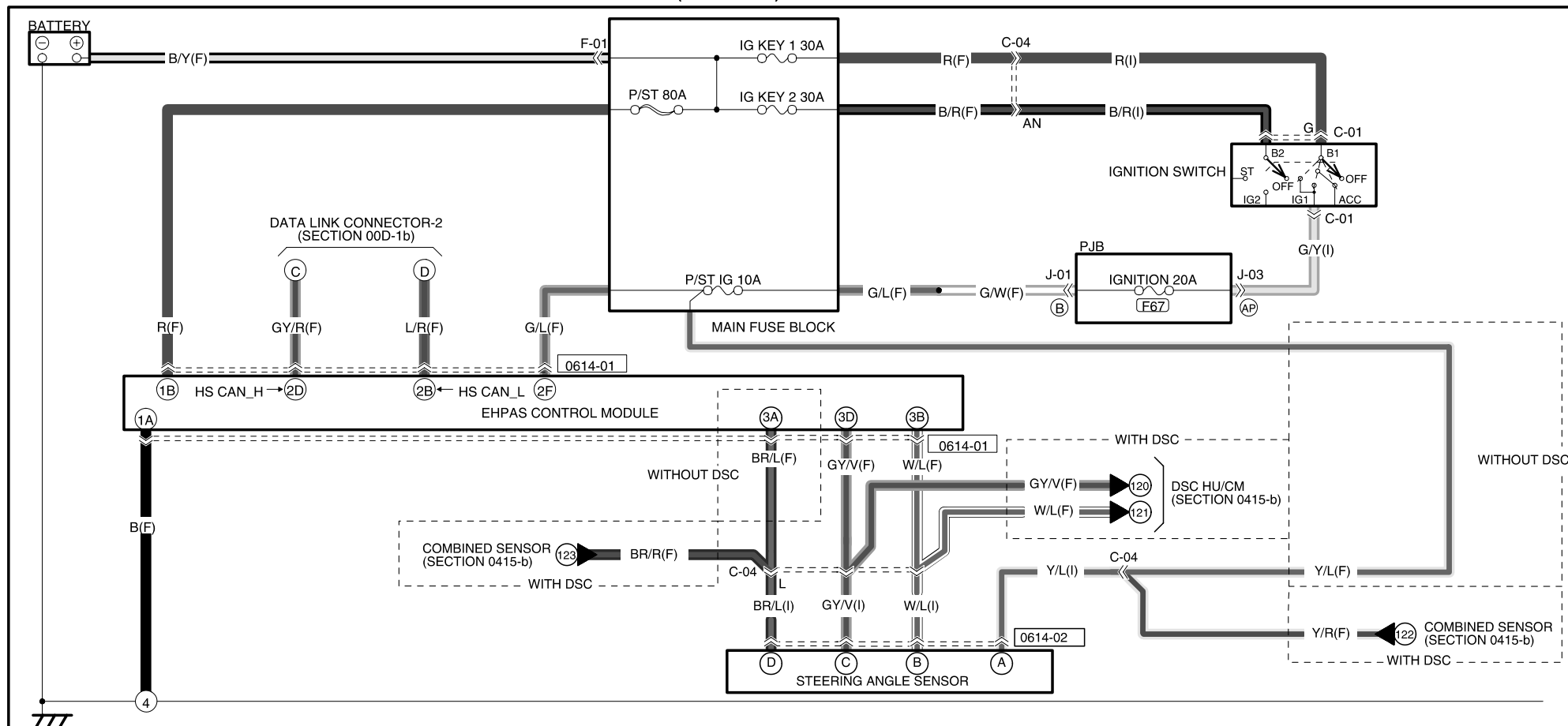
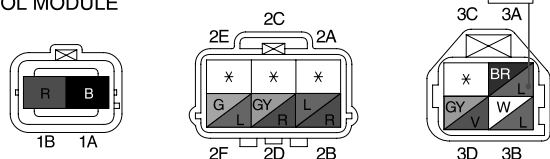
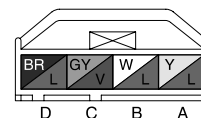


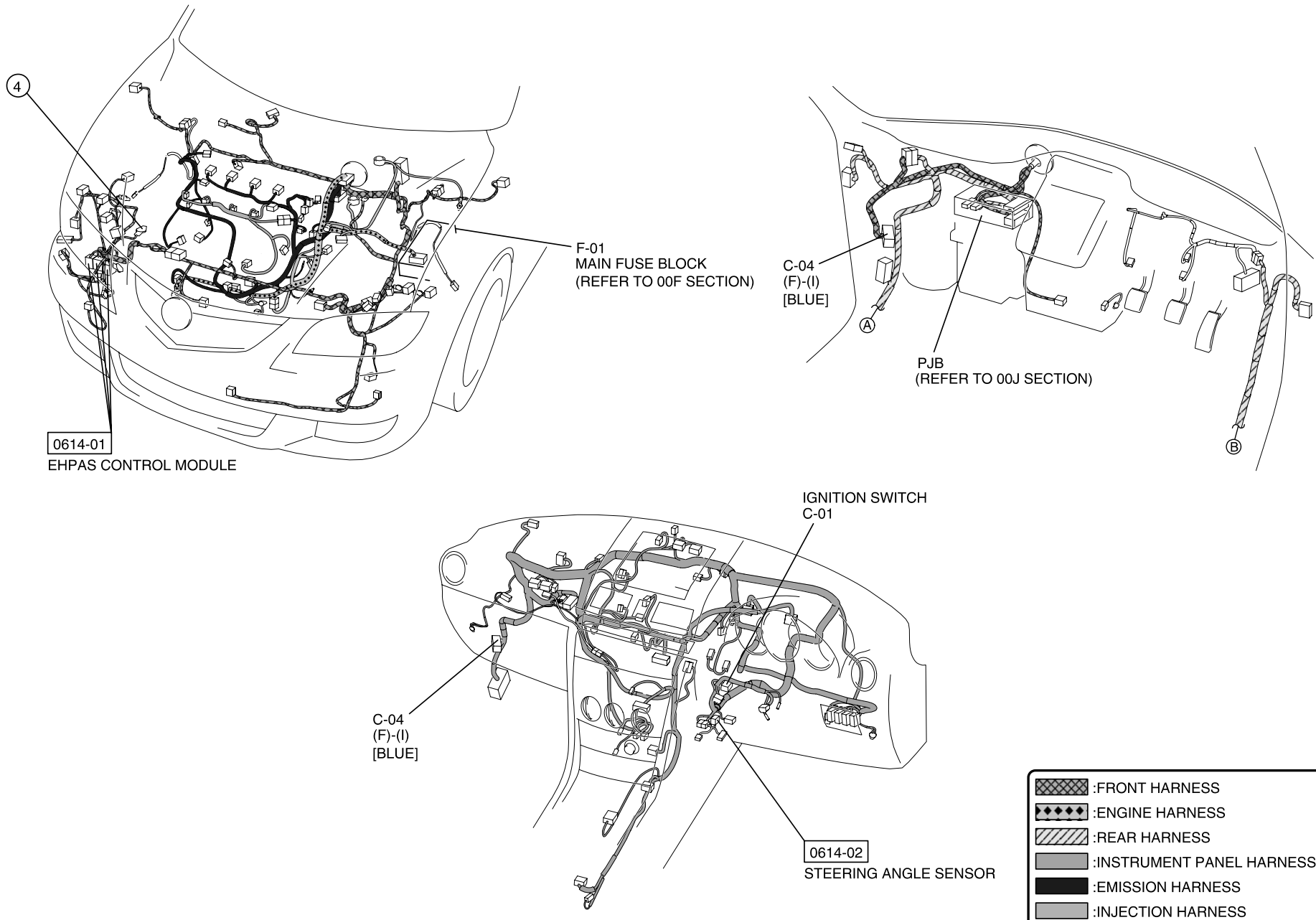


<p>0518-01 KEY INTERLOCK SOLENOID</p> 	<div> <div> <p>0140-132 ← Z6, ZY 0140-232 ← LF, L3 SELECTOR LEVER COMPONENT</p>  </div> </div>					





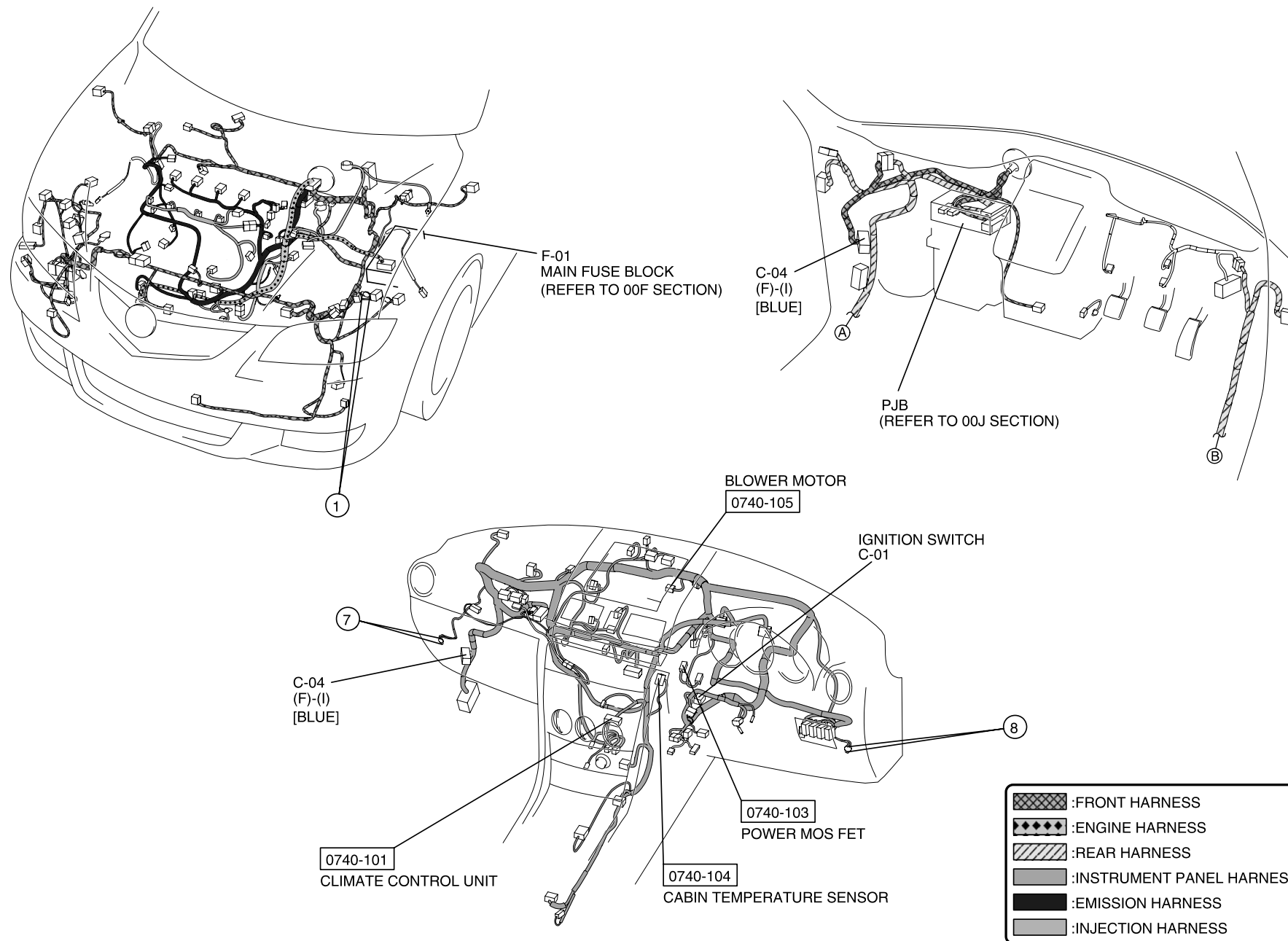
0614-01  
EHPAS CONTROL MODULE0614-02  
STEERING ANGLE SENSOR

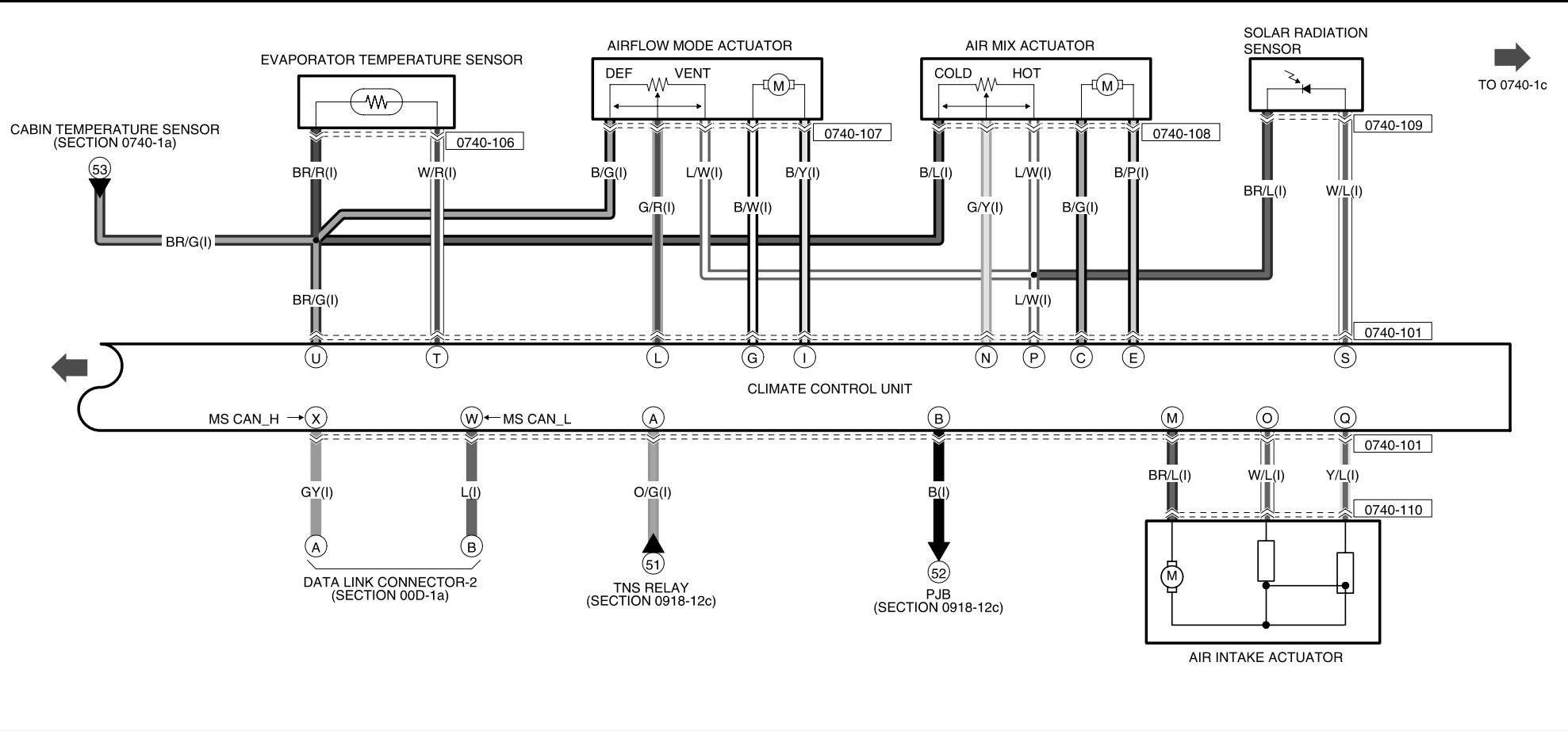


OL UNIT

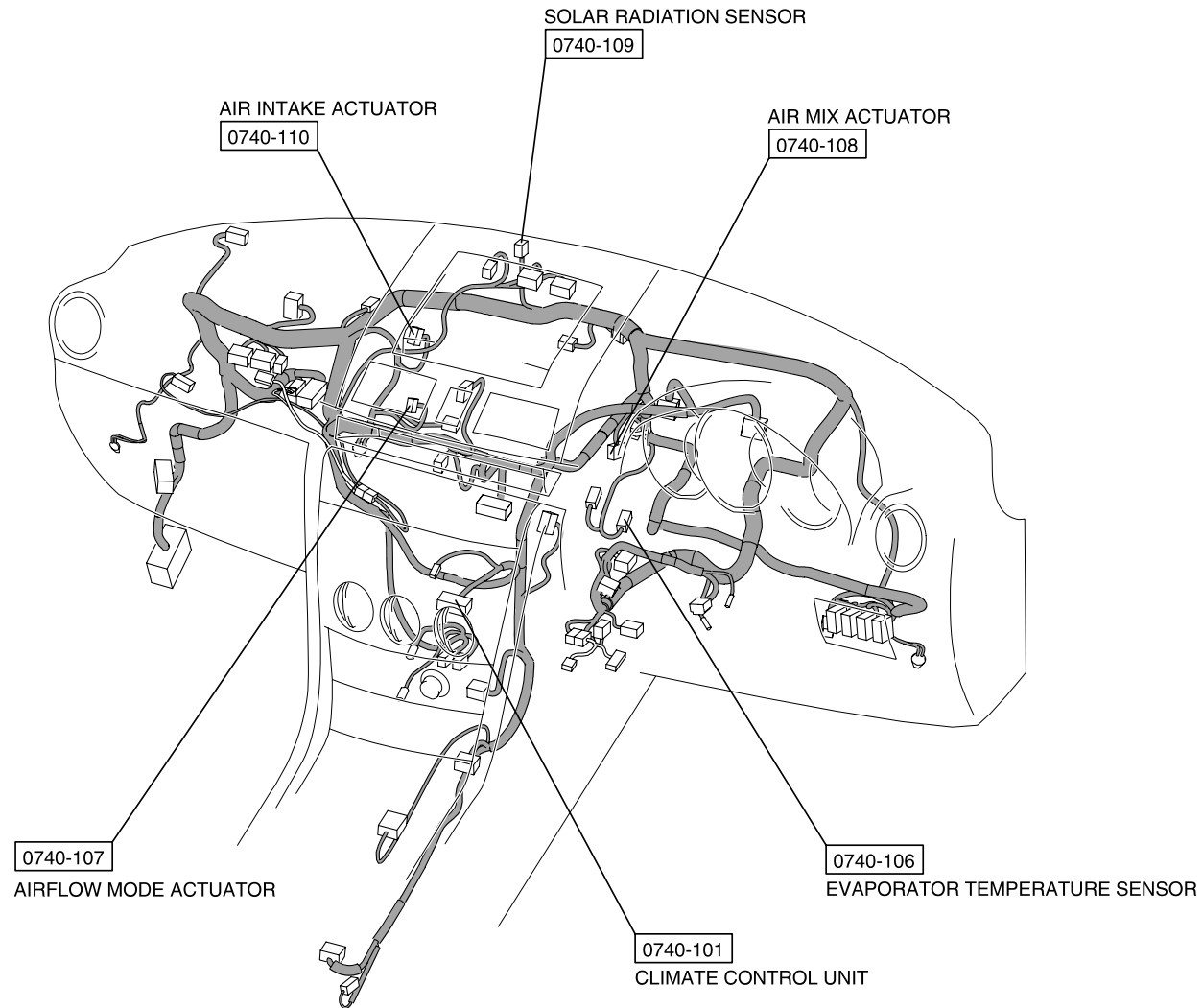
M K

W	U	S	Q	O	I	G	E	C	A
L	B	W	Y	W	BR	B	B	B	G
G	G	W	L	G	P	Y	W	P	G
GY	R	R	G	W	G	Y	*	B	B
X	V	T	B	P	N	I	H	E	D



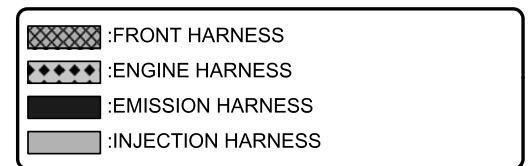
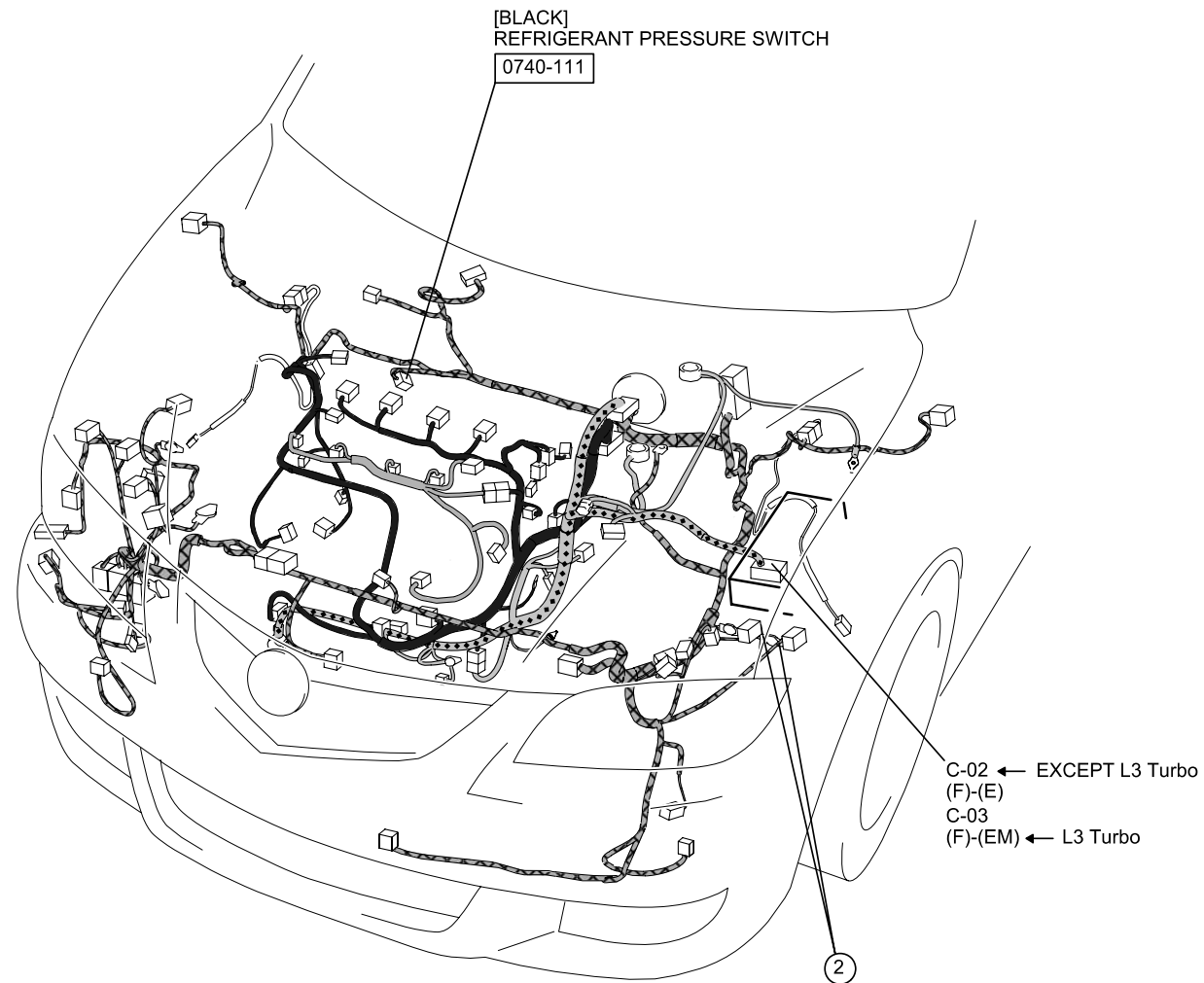


<p>0740-101 CLIMATE CONTROL UNIT</p>	<p>0740-106 EVAPORATOR TEMPERATURE SENSOR</p>	<p>0740-107 AIRFLOW MODE ACTUATOR</p>
<p>0740-108 AIR MIX ACTUATOR</p>	<p>0740-109 SOLAR RADIATION SENSOR</p>	<p>0740-110 AIR INTAKE ACTUATOR</p>

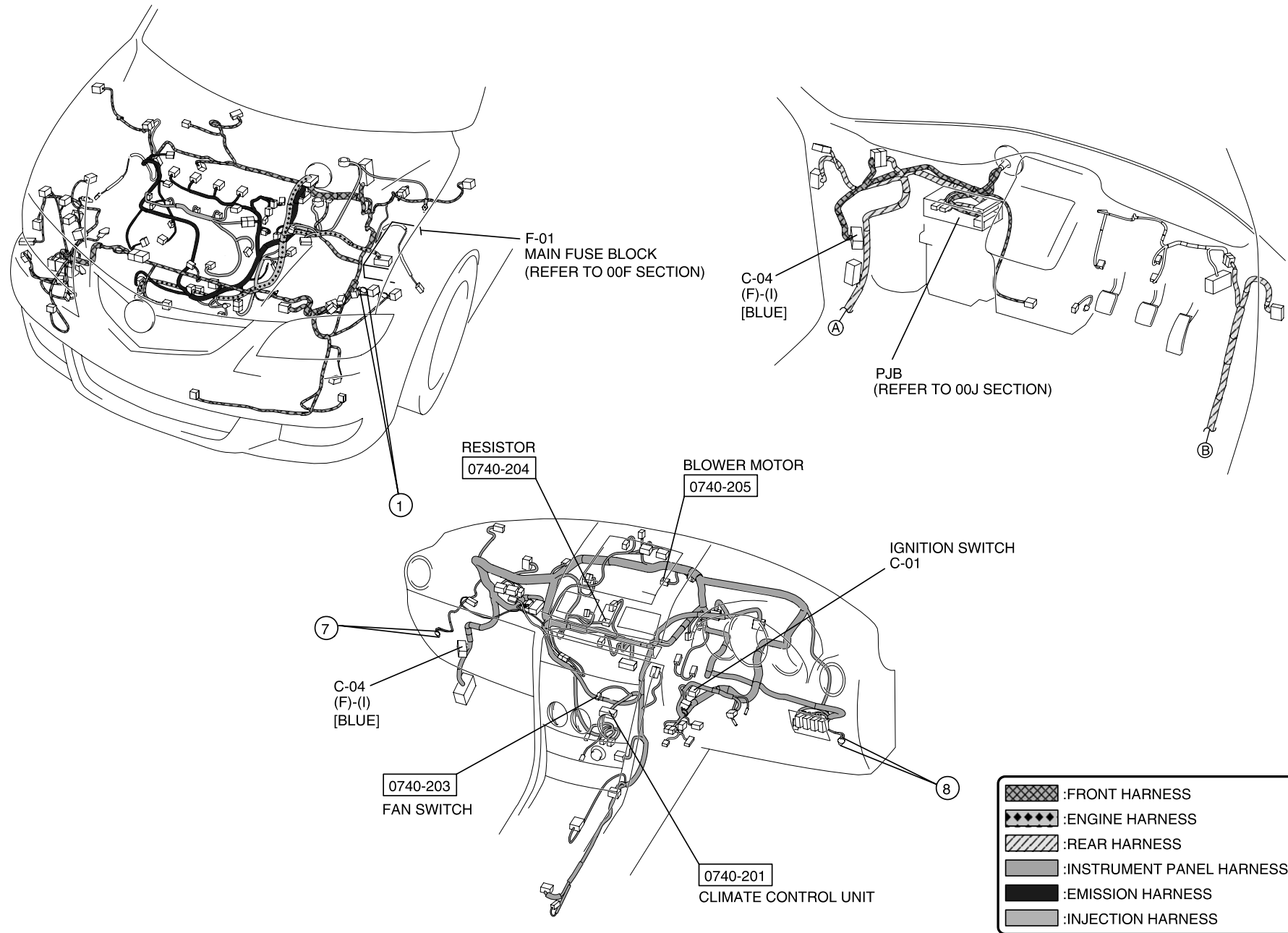




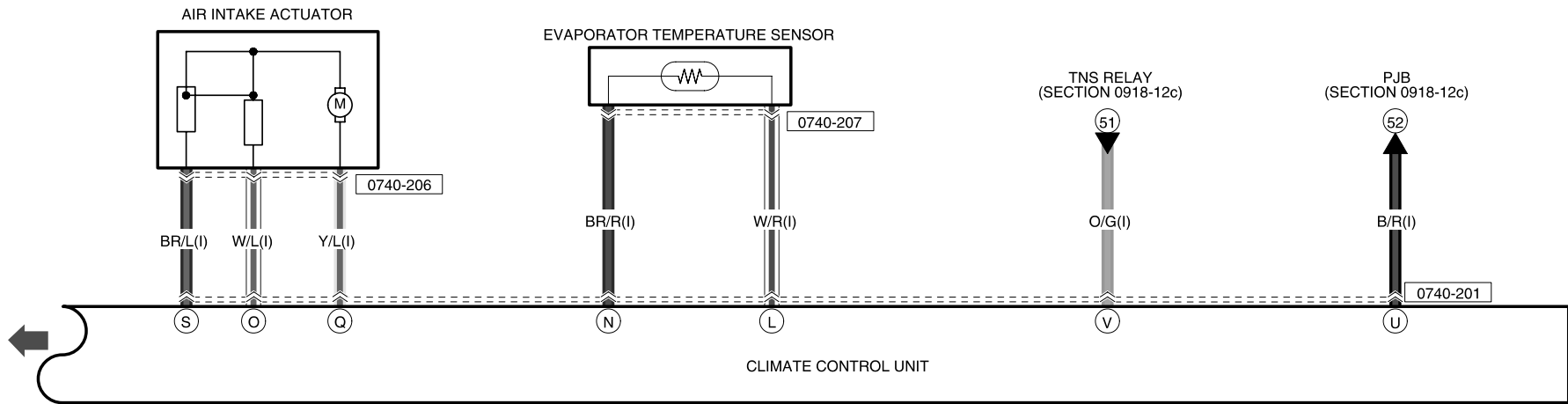




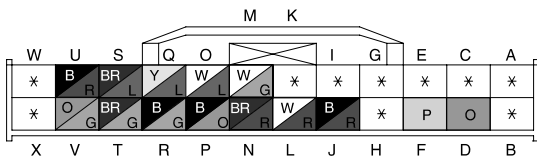
The diagram shows a 3D structure with a bridge-like top. The base is divided into several regions labeled with letters: 'B' in the top-left and top-right, 'BR' in the top-right, 'B' in the bottom-left, 'Y' in the bottom-left, 'B' in the bottom-center, 'L' in the bottom-center, and 'C' in the bottom-right. The top is labeled 'E' and 'C'.



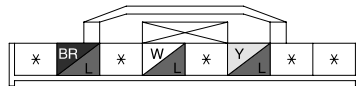
➔  
TO 0740-2c



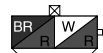
0740-201  
CLIMATE CONTROL UNIT

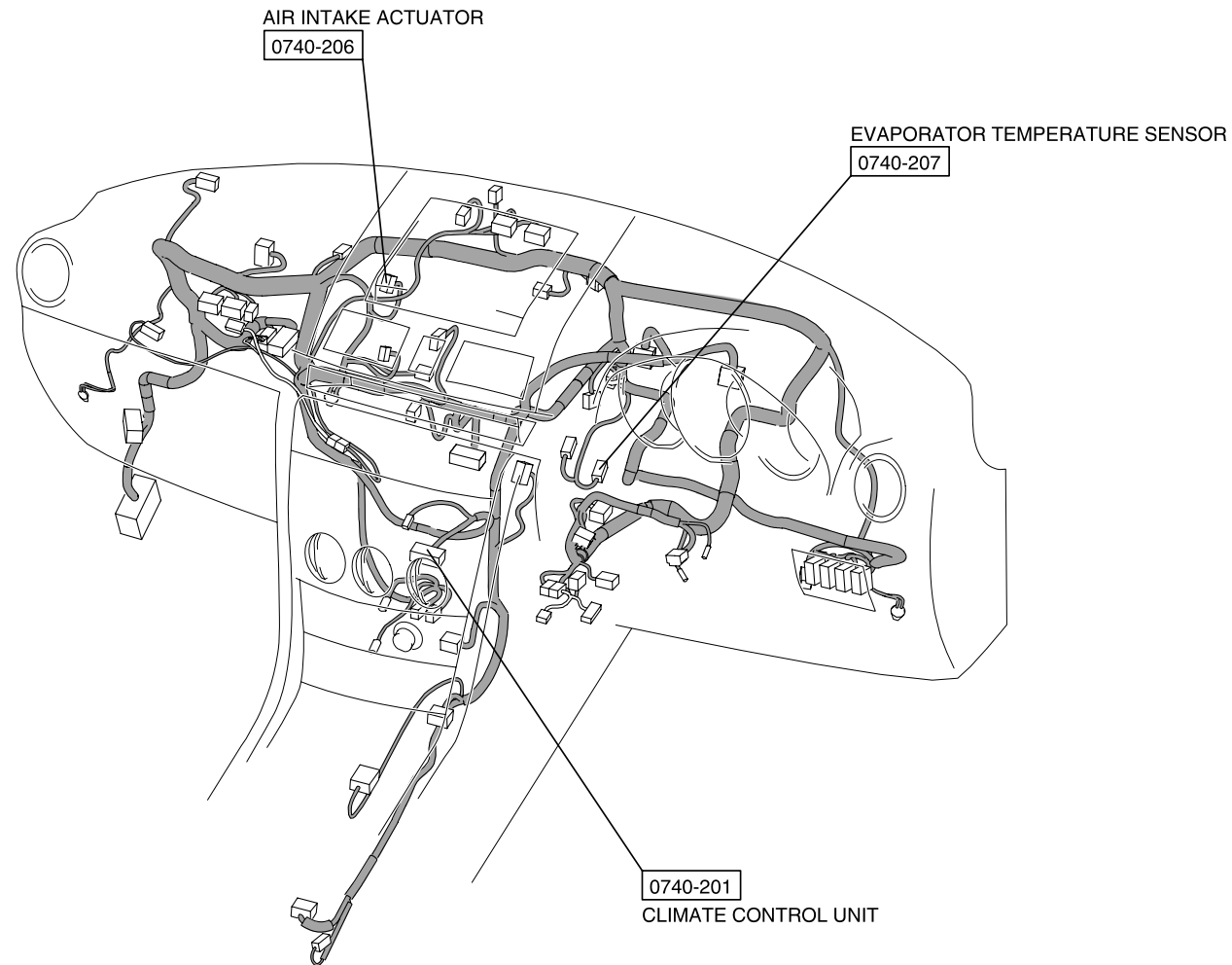


0740-206  
AIR INTAKE ACTUATOR

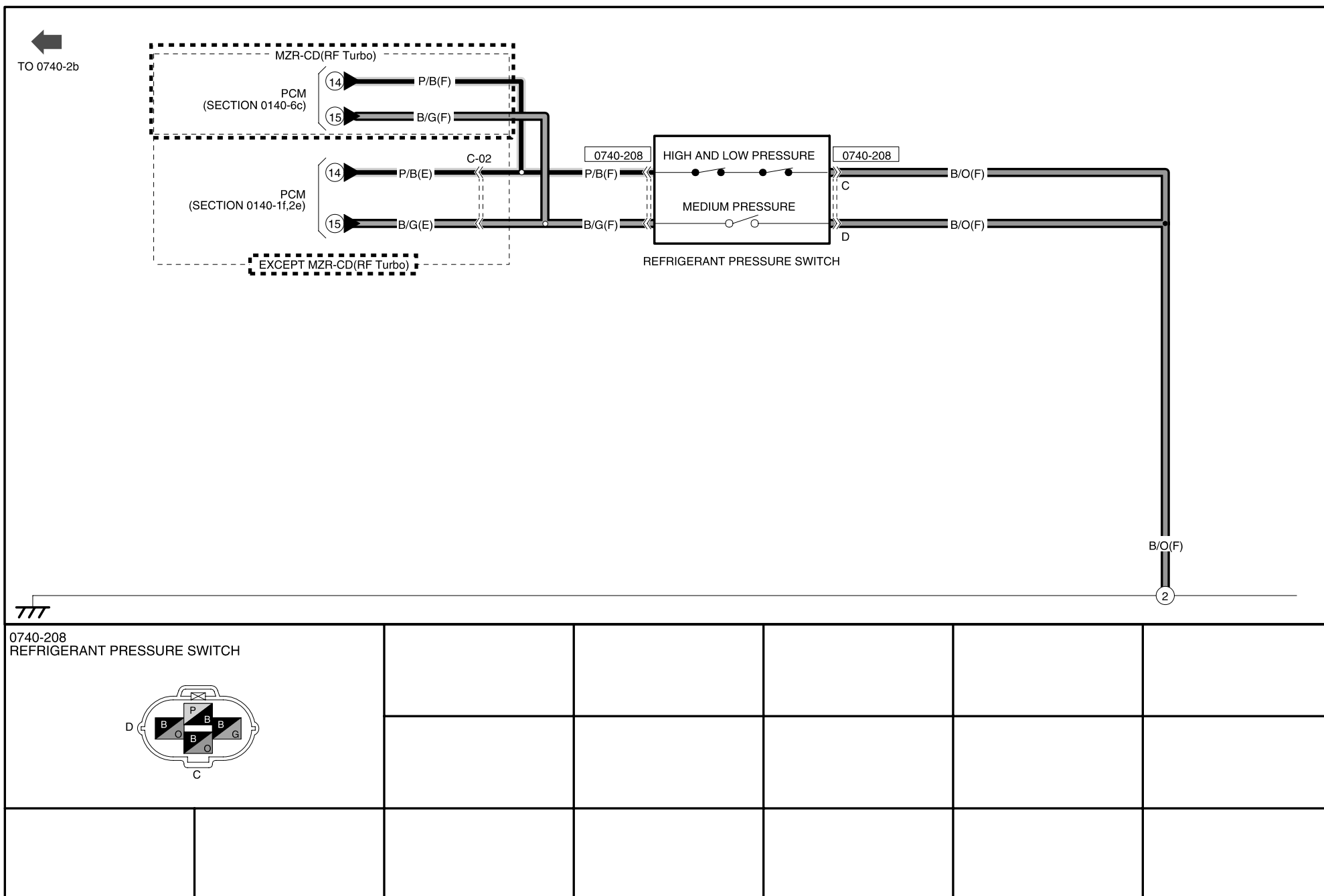


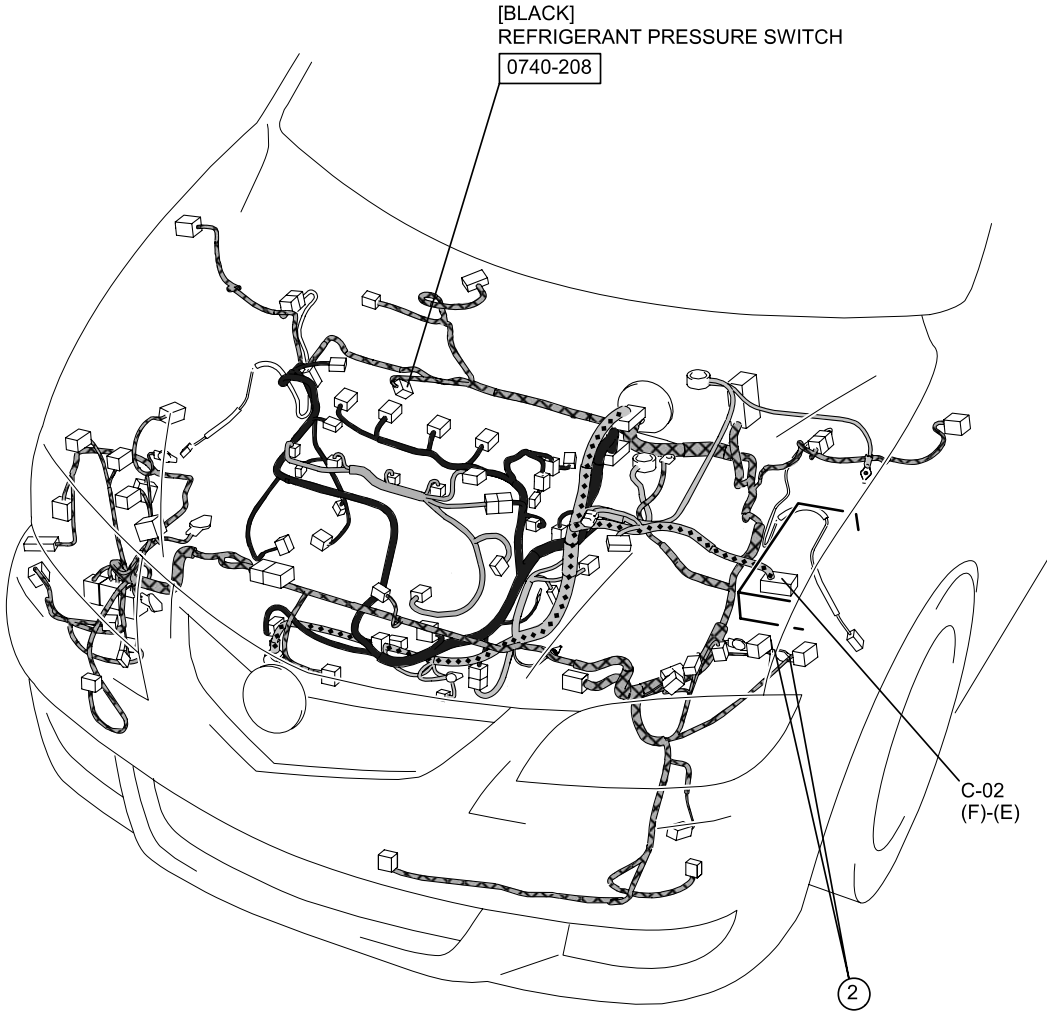
0740-207  
EVAPORATOR TEMPERATURE SENSOR





 :INSTRUMENT PANEL HARNESS

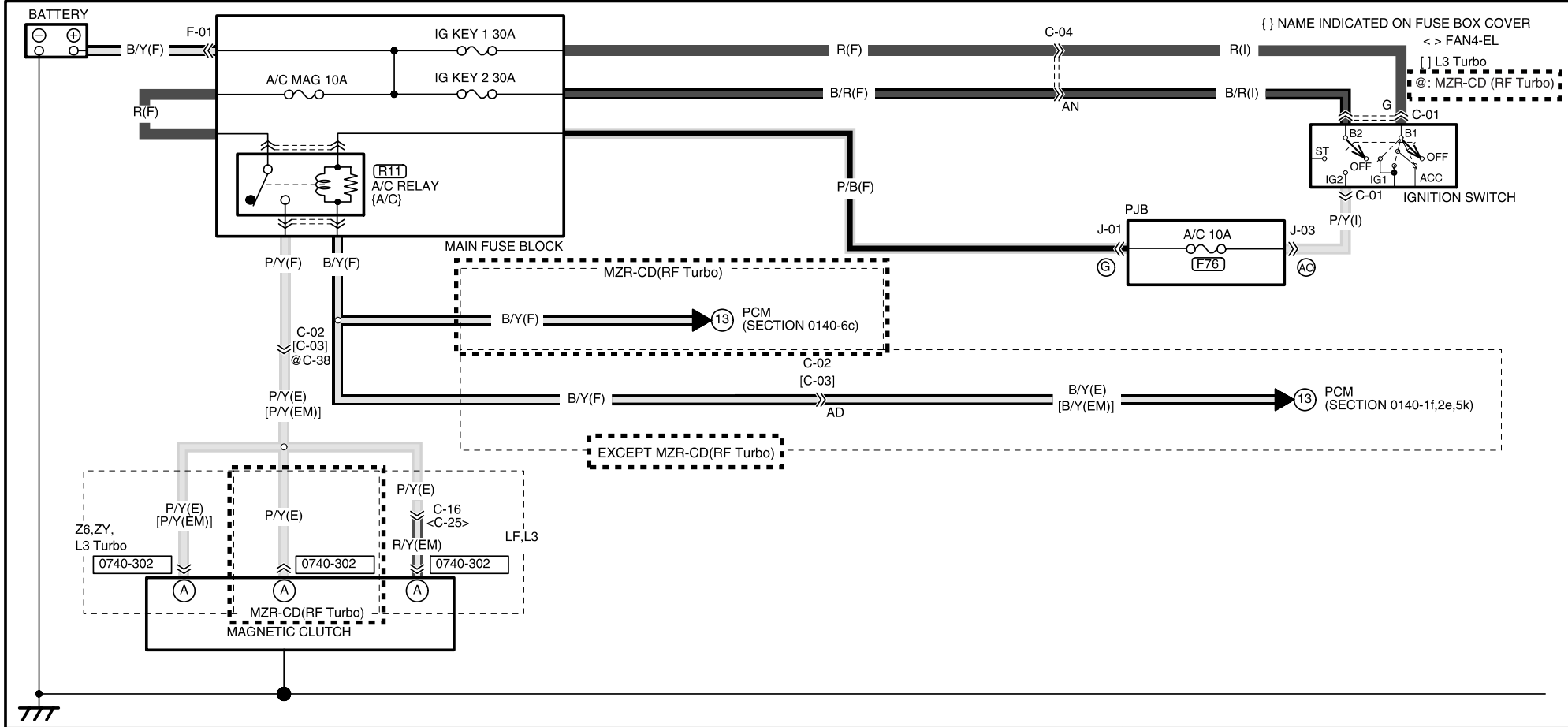








	:FRONT HARNESS
	:ENGINE HARNESS
	:EMISSION HARNESS
	:INJECTION HARNESS

A/C COMPRESSOR CONTROL

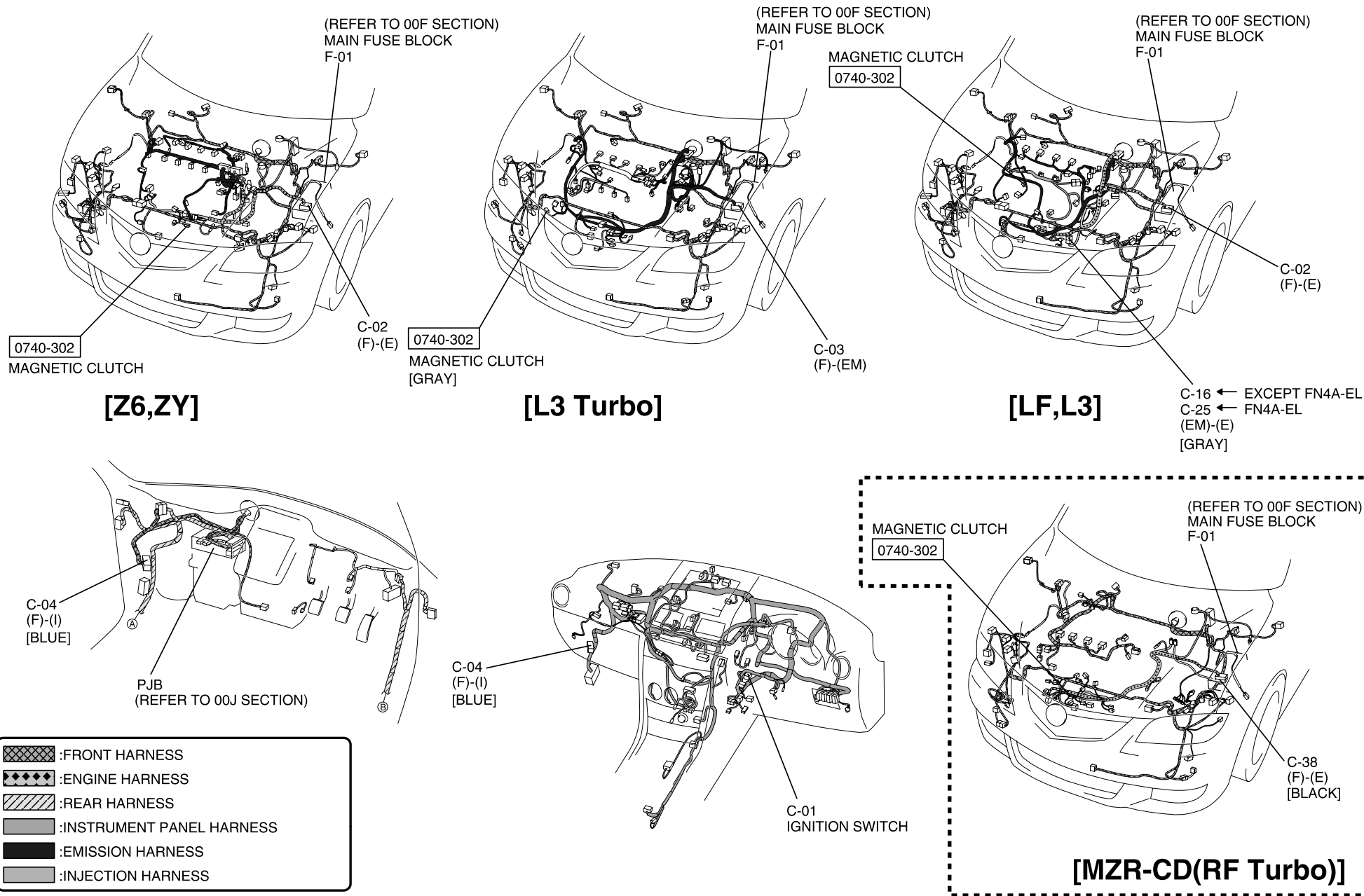
0740-3



Mazda3 Wiring Diagram (5672-1\*-06E)

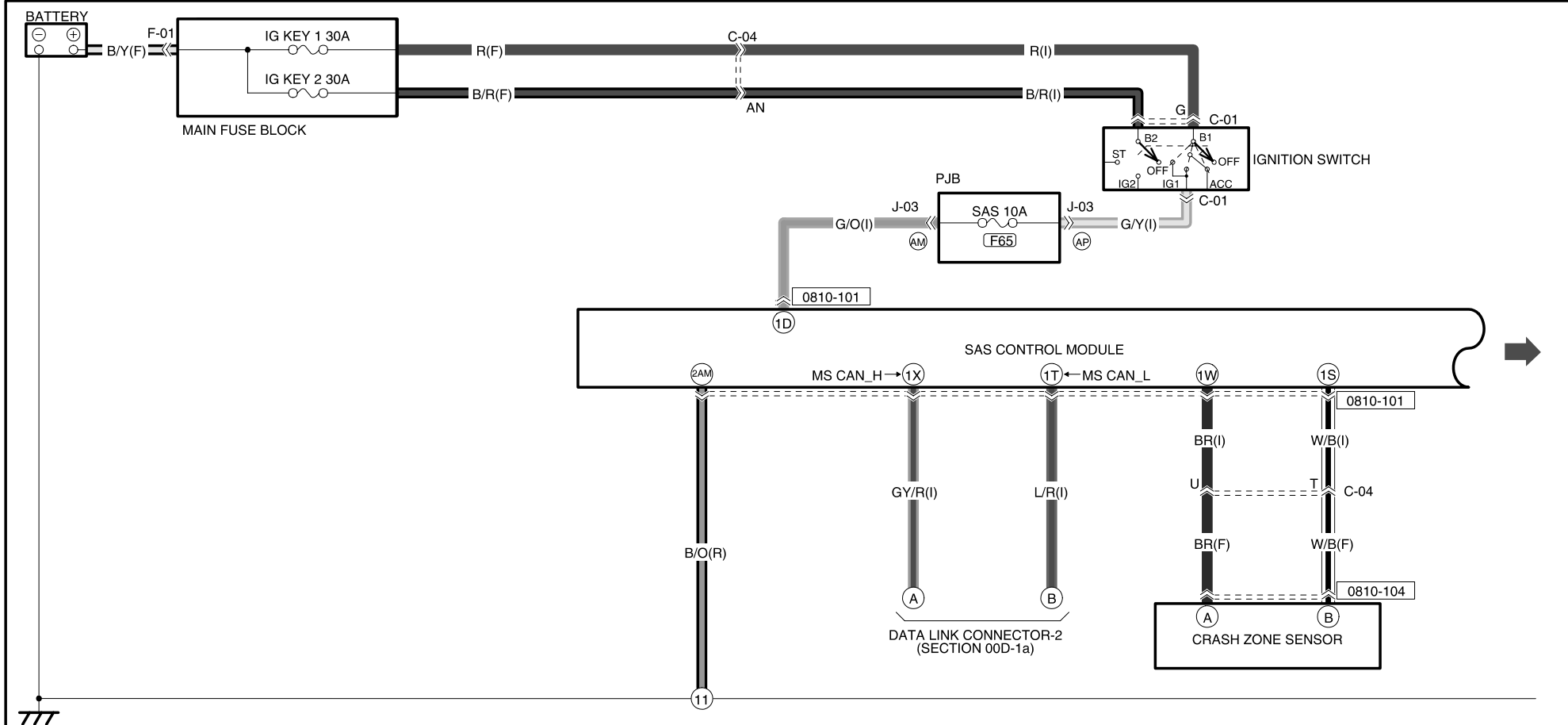
0740-302 MAGNETIC CLUTCH						
ENGINE HARNESS	EMISSION HARNESS	EMISSION HARNESS	ENGINE HARNESS			
						
A	A	A	A			
(Z6,ZY)	(LF,L3)	(L3 Turbo)	(MZR-CD(RF Turbo))			





# AIR BAG SYSTEM (INCLUDES PRE-TENSIONER SEAT BELT INFORMATION)

0810-1a

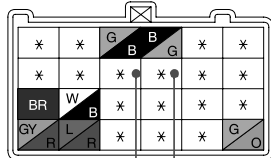


0810-101

SAS CONTROL MODULE

INSTRUMENT PANEL HARNESS

1U 1Q 1M 1I 1E 1A  
1V 1R 1N 1J 1F 1B

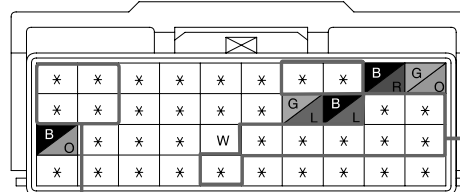


1W 1S 1O 1K 1G 1C  
1X 1T 1P 1L 1H 1D

1W 1S 1O 1K 1G 1C  
1X 1T 1P 1L 1H 1D

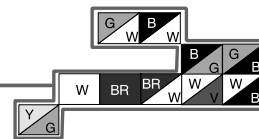
REAR HARNESS

2AK 2AG 2AC 2Y 2U 2Q 2M 2I 2E 2A  
2AL 2AH 2AD 2Z 2V 2R 2N 2J 2F 2B



2AM 2AI 2AE 2AA 2W 2S 2O 2K 2G 2C  
2AN 2AJ 2AF 2AB 2X 2T 2P 2L 2H 2D

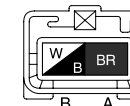
2AM 2AI 2AE 2AA 2W 2S 2O 2K 2G 2C  
2AN 2AJ 2AF 2AB 2X 2T 2P 2L 2H 2D

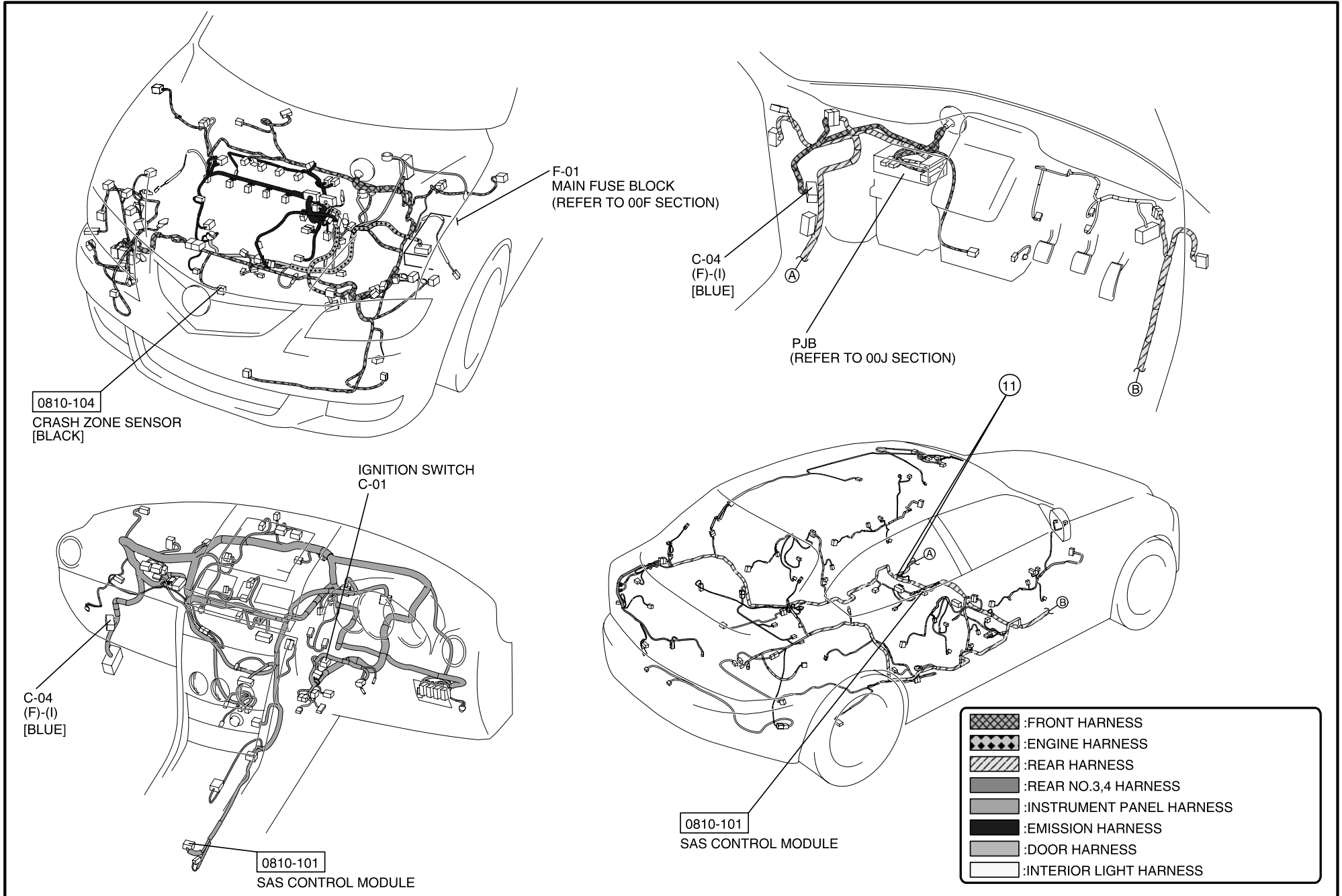


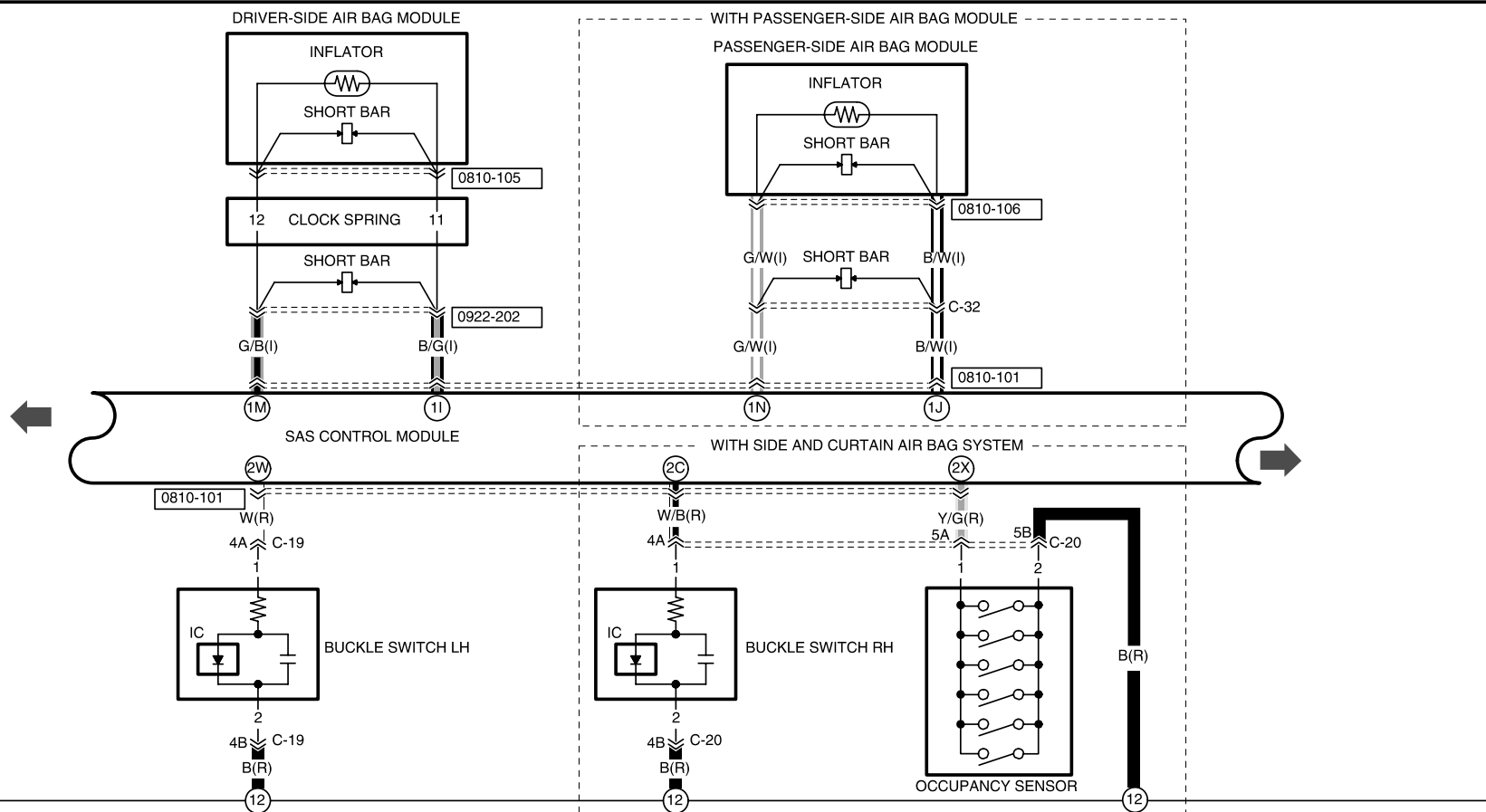
: WITH SIDE AND CURTAIN AIR BAG SYSTEM

0810-104

CRASH ZONE SENSOR



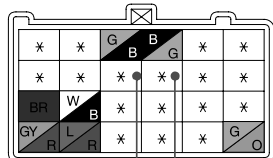




0810-101  
SAS CONTROL MODULE

INSTRUMENT PANEL HARNESS

1U 1Q 1M 1I 1E 1A  
1V 1R 1N 1J 1F 1B

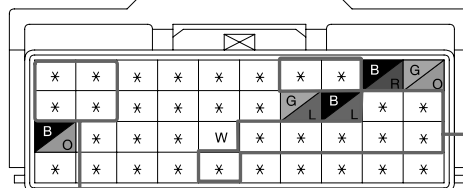


W W : WITH PASSENGER-SIDE AIR BAG MODULE

1W 1S 1O 1K 1G 1C  
1X 1T 1P 1L 1H 1D

REAR HARNESS

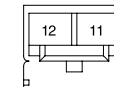
2AK 2AG 2AC 2Y 2U 2Q 2M 2I 2E 2A  
2AL 2AH 2AD 2Z 2V 2R 2N 2J 2F 2B



W W : WITH SIDE AND CURTAIN AIR BAG SYSTEM

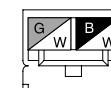
2AM 2AI 2AE 2AA 2W 2S 2O 2K 2G 2C  
2AN 2AJ 2AF 2AB 2X 2T 2P 2L 2H 2D

0810-105  
DRIVER-SIDE AIR BAG MODULE

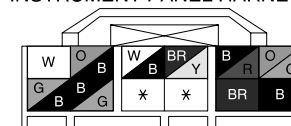


TERMINALS OF THIS CONNECTOR ARE INDICATED BY NUMBERS.

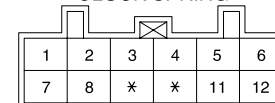
0810-106  
PASSENGER-SIDE AIR BAG MODULE



0922-202  
INSTRUMENT PANEL HARNESS-CLOCK SPRING



CLOCK SPRING

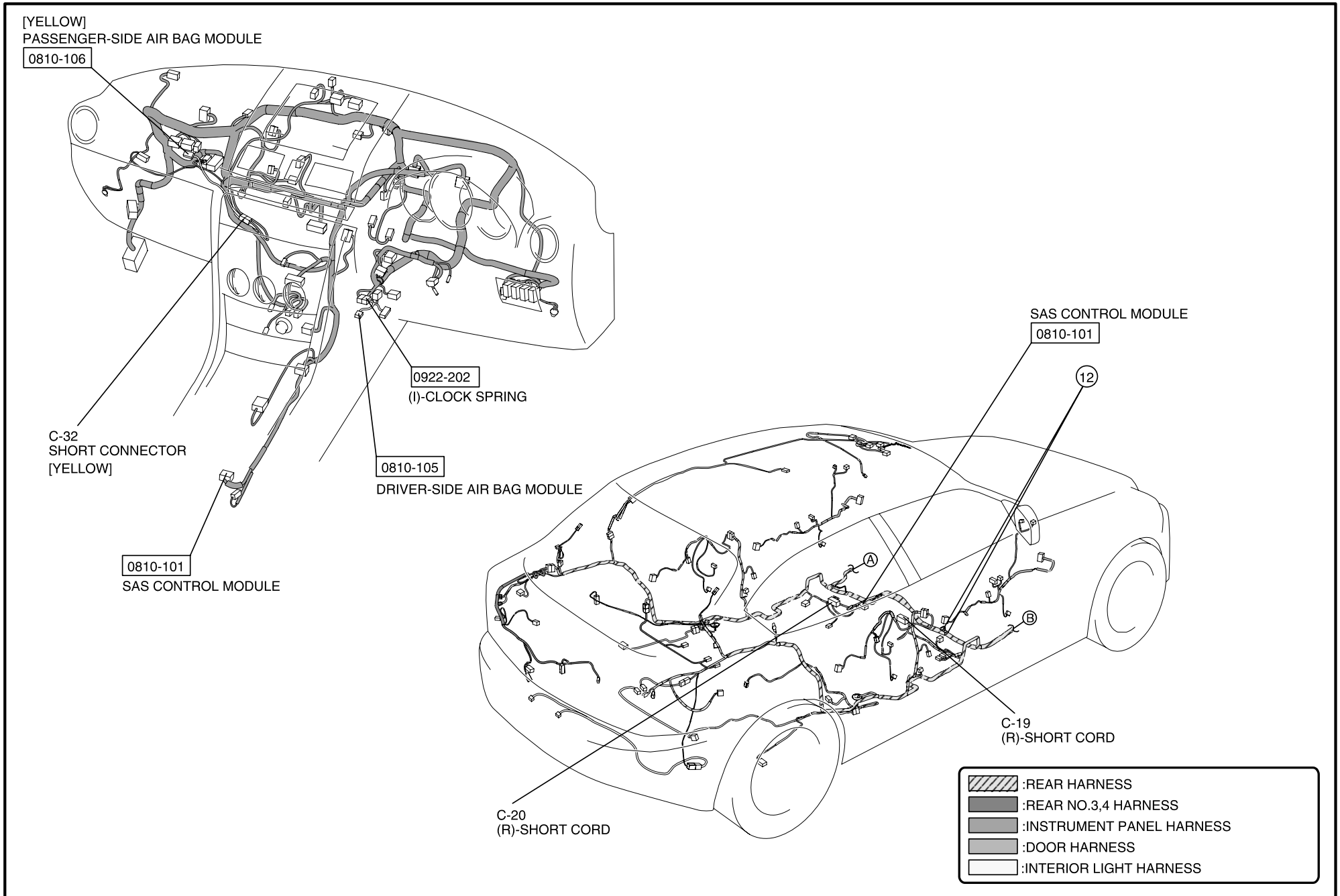


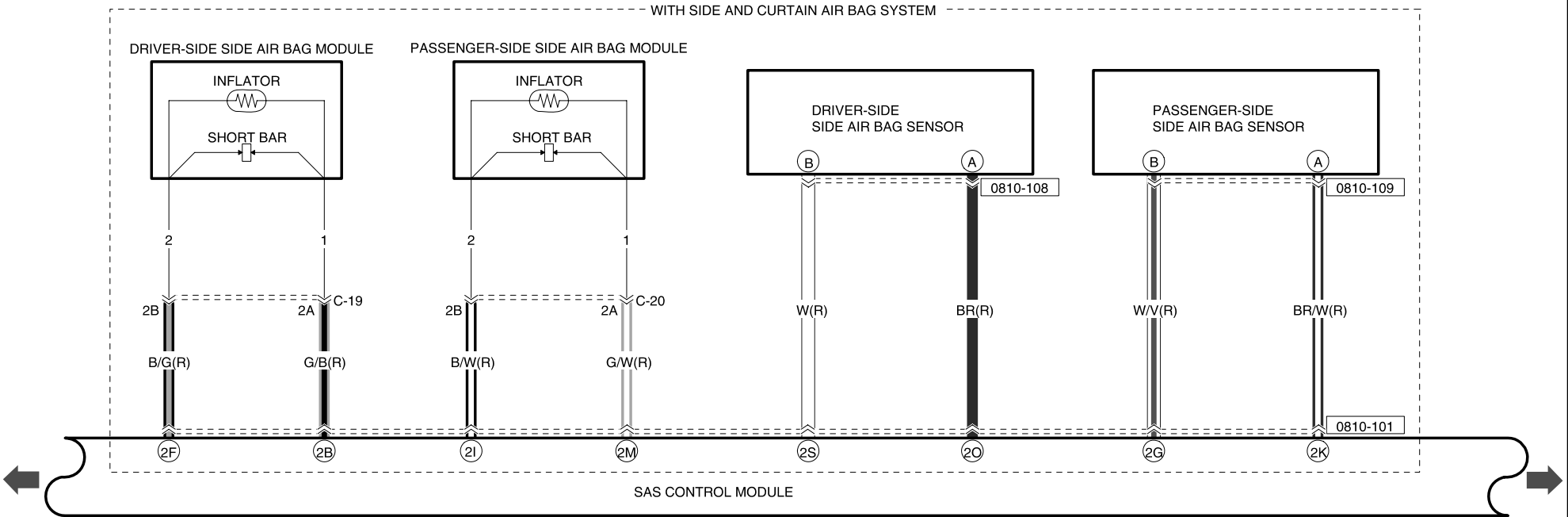
TERMINALS OF THIS CONNECTOR ARE INDICATED BY NUMBERS.

# AIR BAG SYSTEM (INCLUDES PRE-TENSIONER SEAT BELT INFORMATION)

0810-1b

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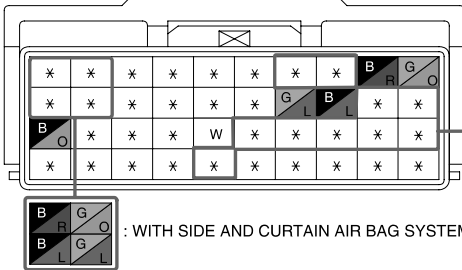




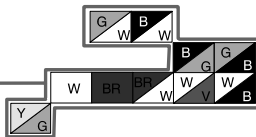
0810-101  
SAS CONTROL MODULE

REAR HARNESS

2AK 2AG 2AC 2Y 2U 2Q 2M 2I 2E 2A  
2AL 2AH 2AD 2Z 2V 2R 2N 2J 2F 2B

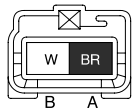


2AM 2AI 2AE 2AA 2W 2S 2O 2K 2G 2C  
2AN 2AJ 2AF 2AB 2X 2T 2P 2L 2H 2D

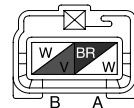


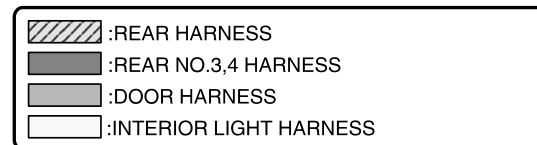
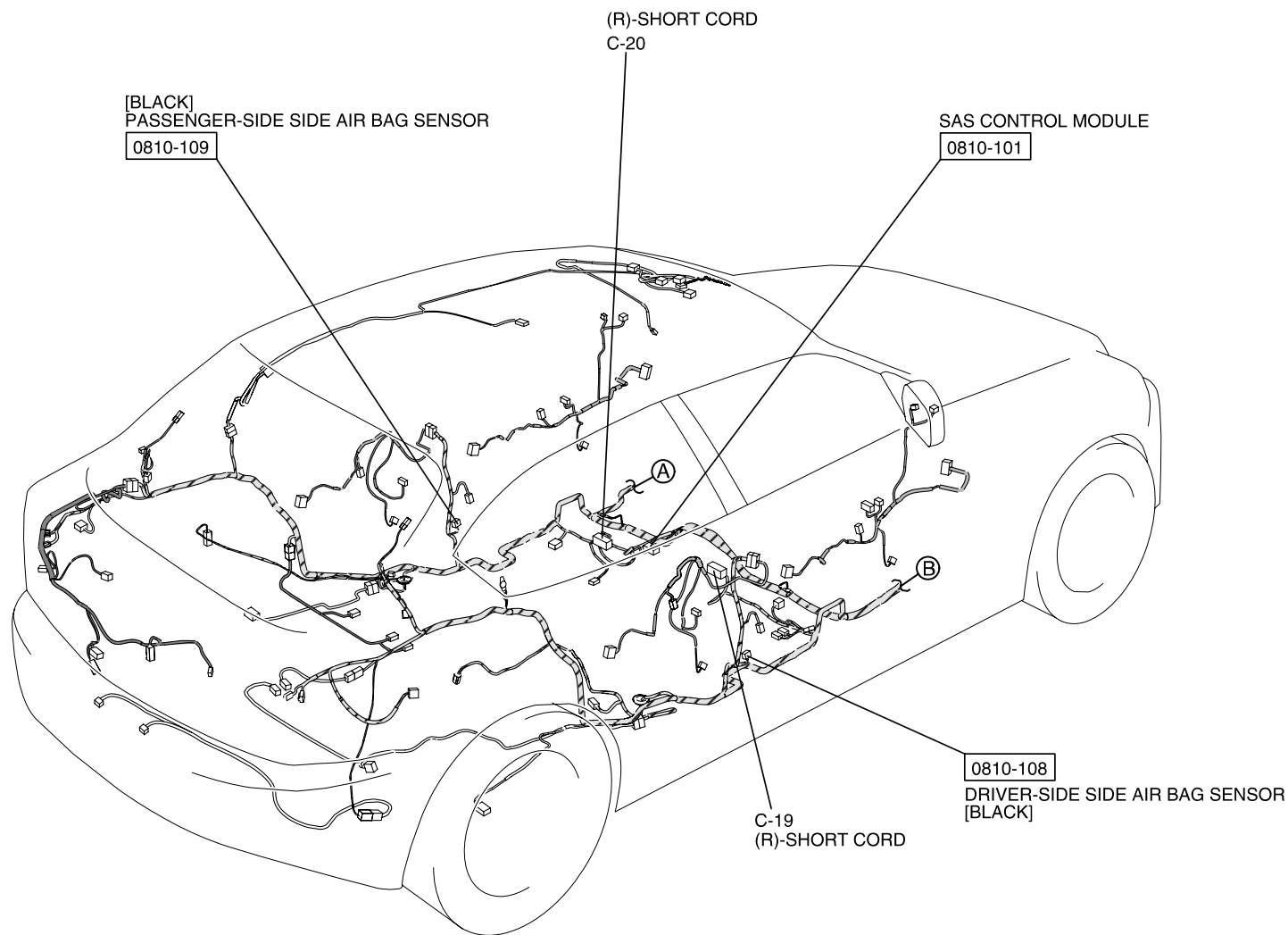
: WITH SIDE AND CURTAIN AIR BAG SYSTEM

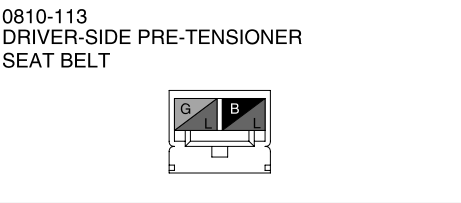
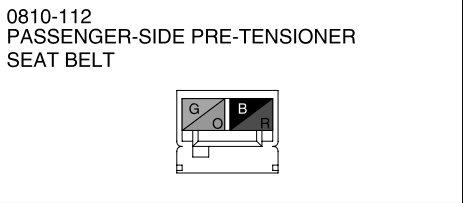
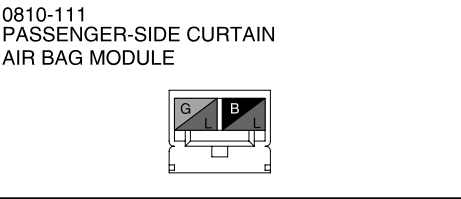
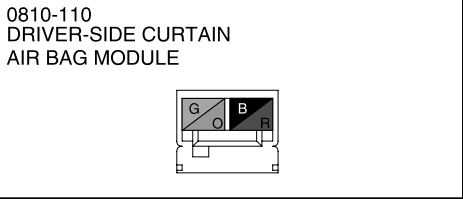
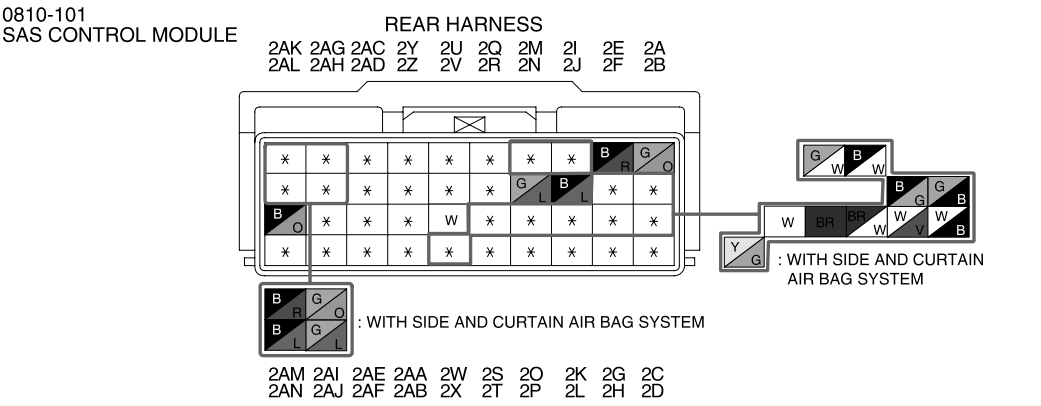
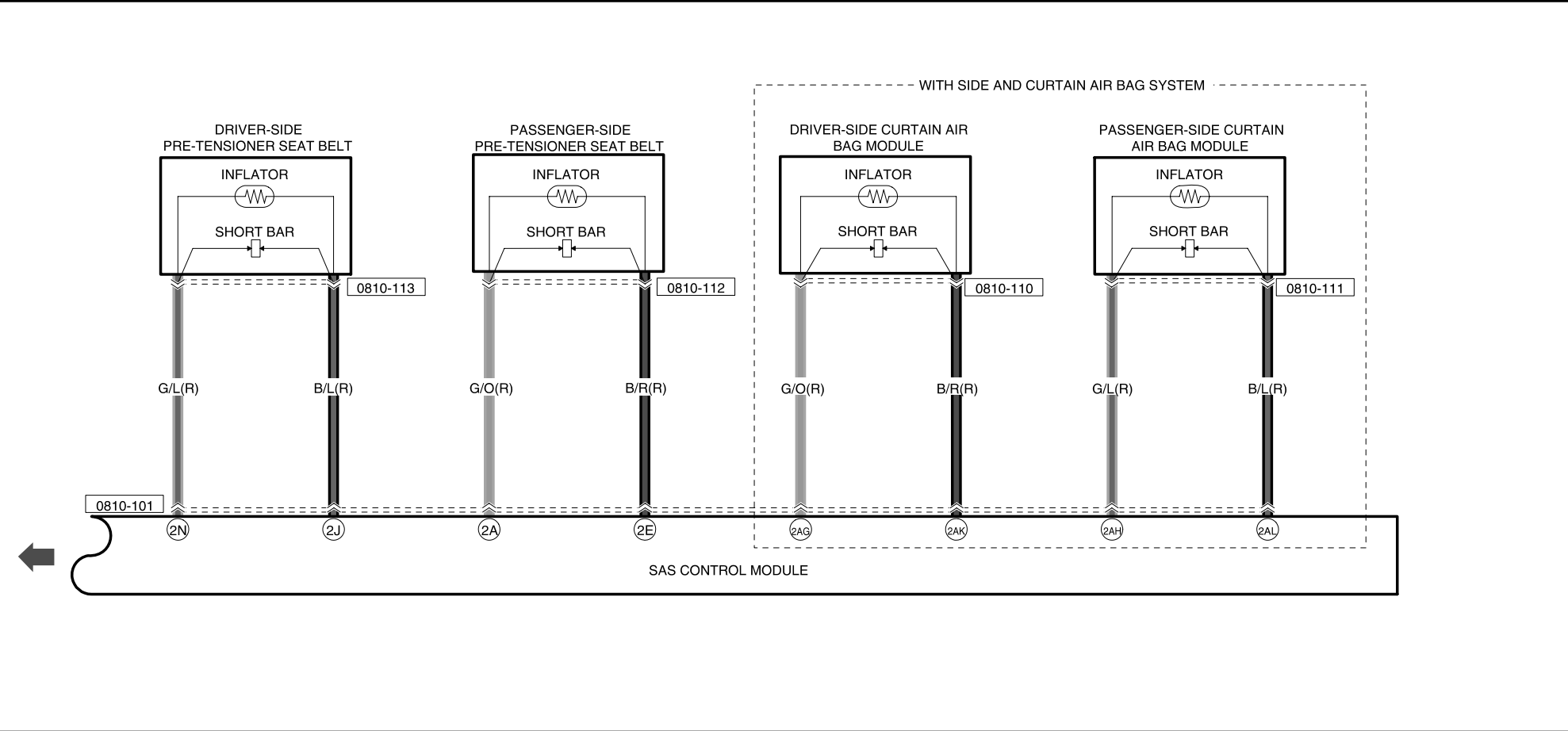
0810-108  
DRIVER-SIDE SIDE AIR BAG SENSOR



0810-109  
PASSENGER-SIDE SIDE AIR BAG SENSOR





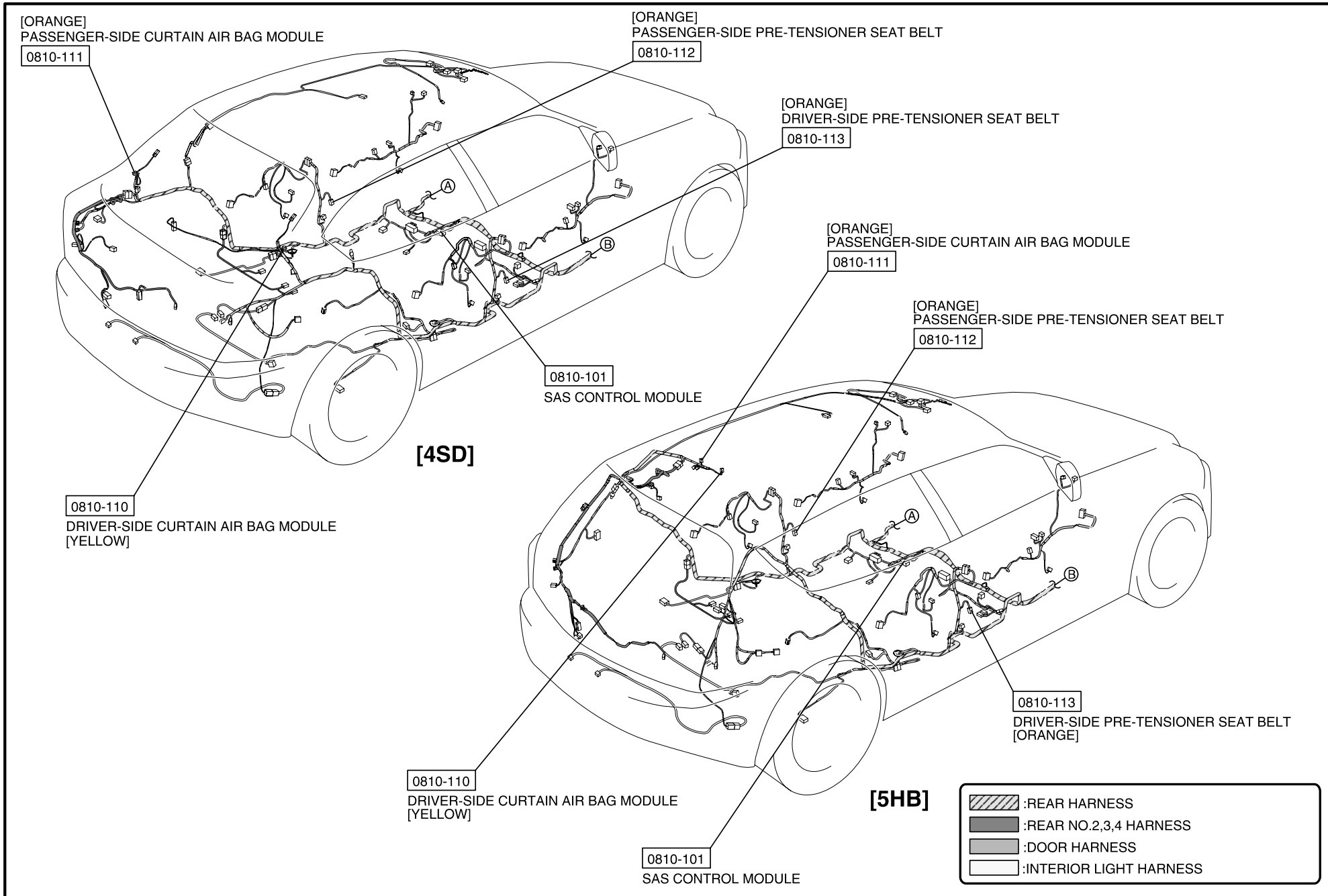




# AIR BAG SYSTEM (INCLUDES PRE-TENSIONER SEAT BELT INFORMATION)

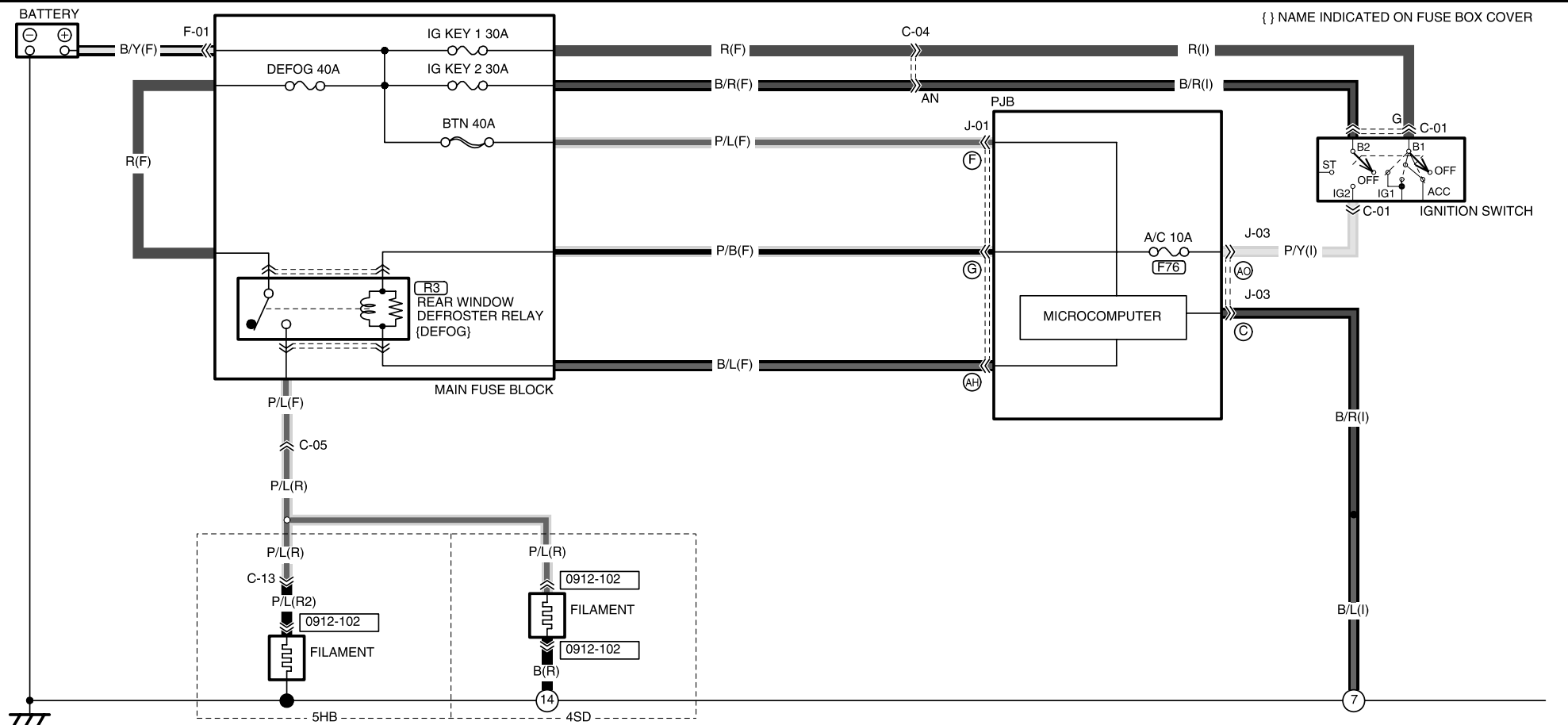
0810-1d

153

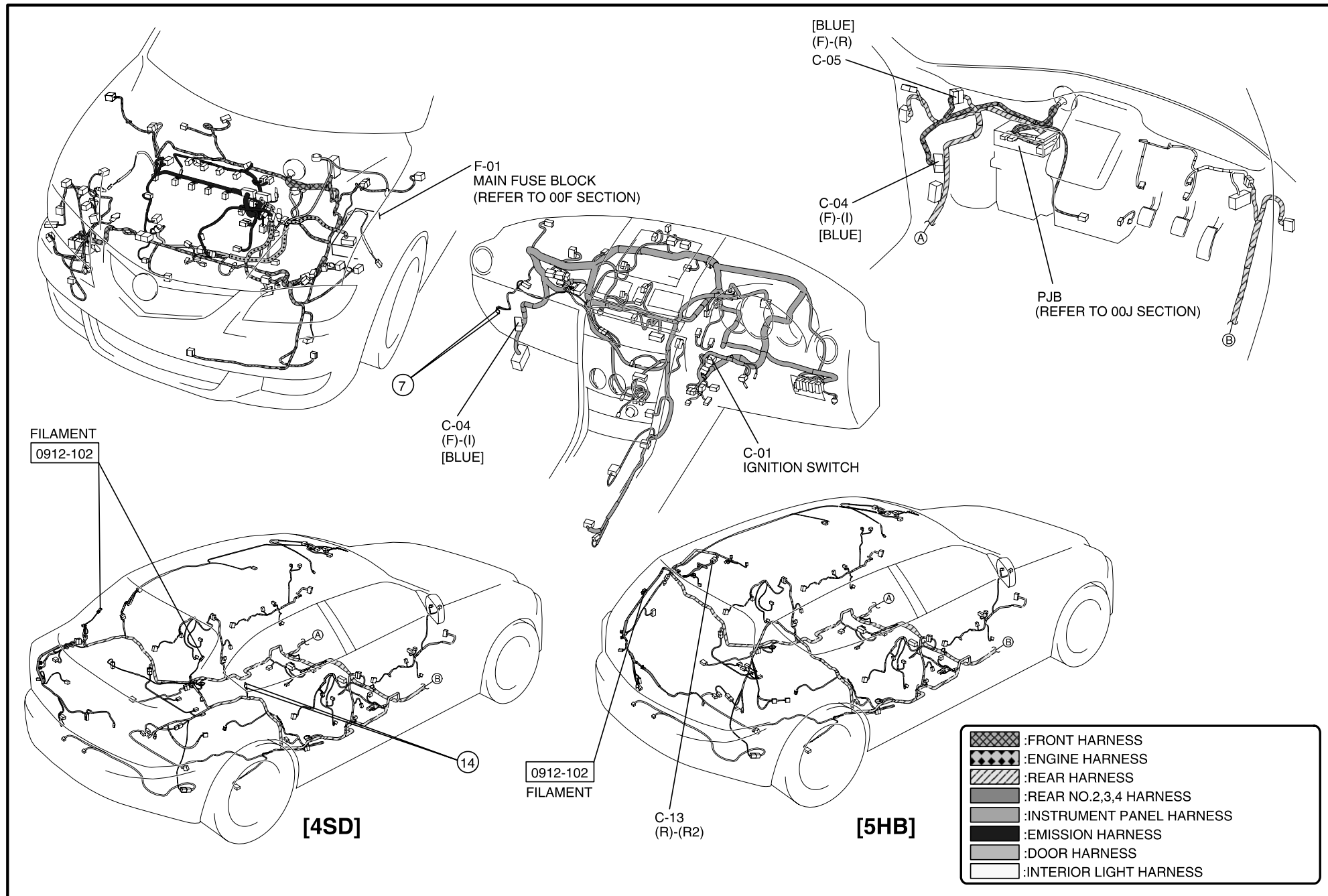


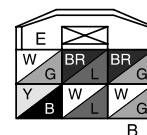
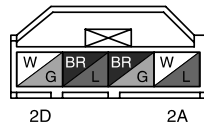
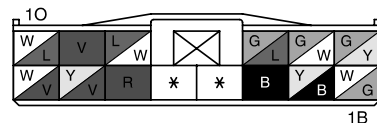
REAR WINDOW DEFROSTER

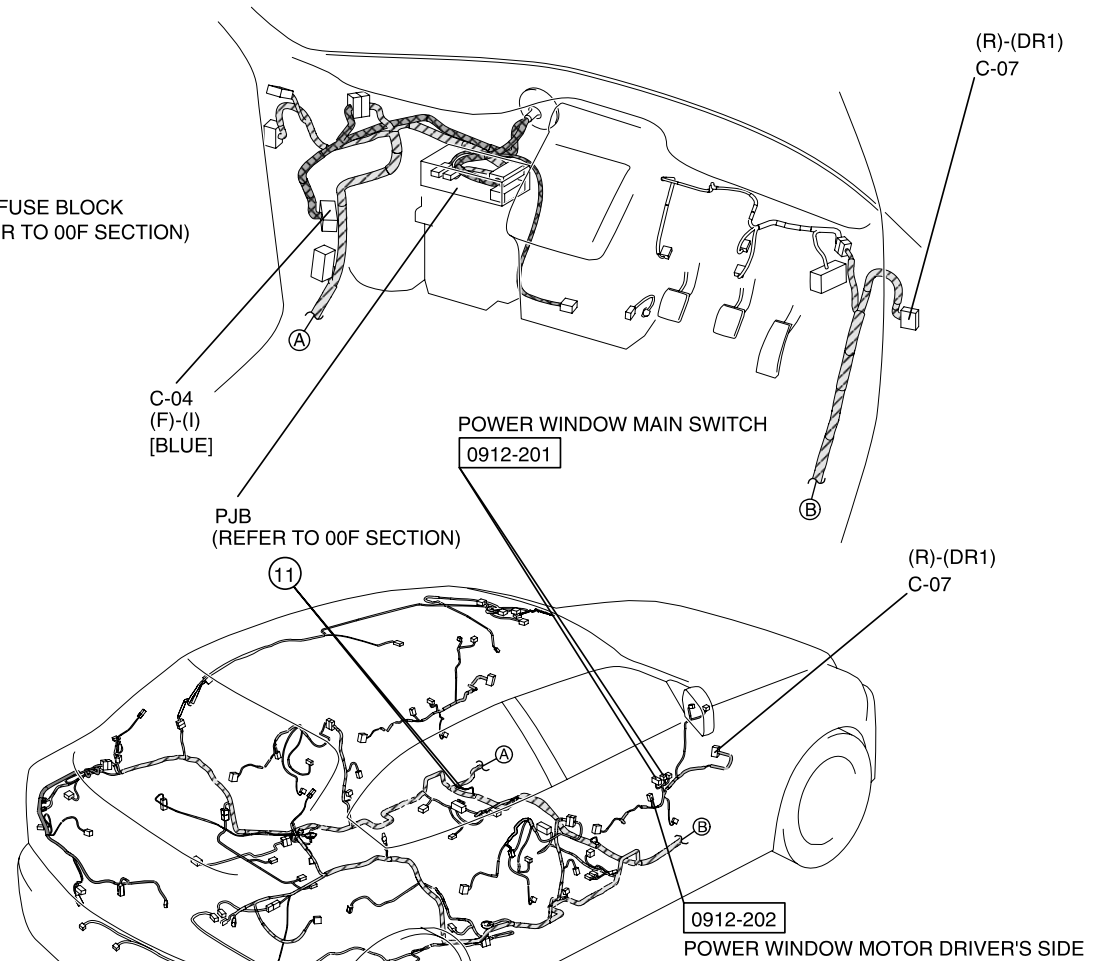
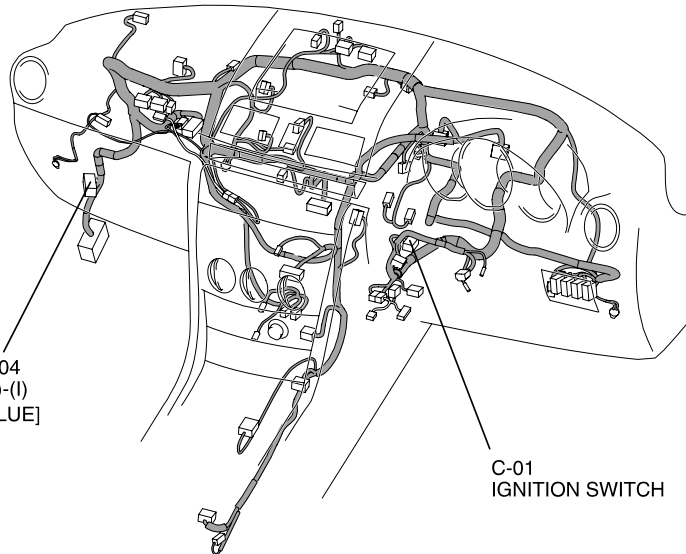
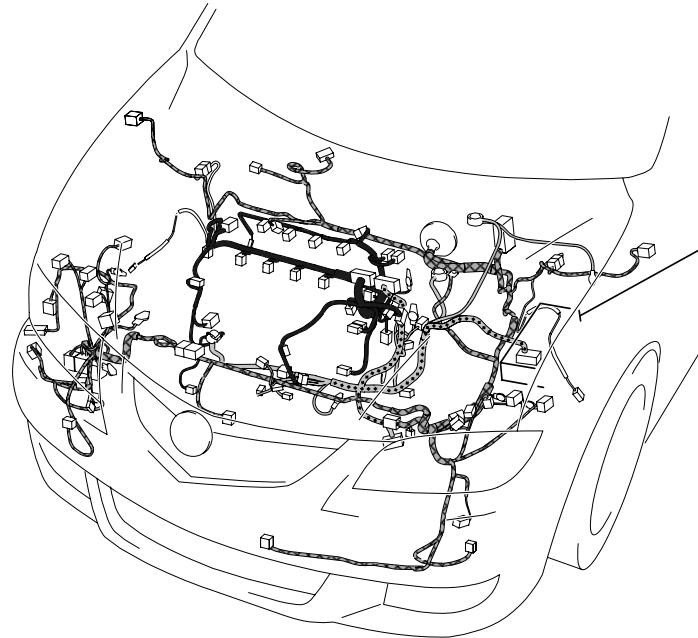
0912-1



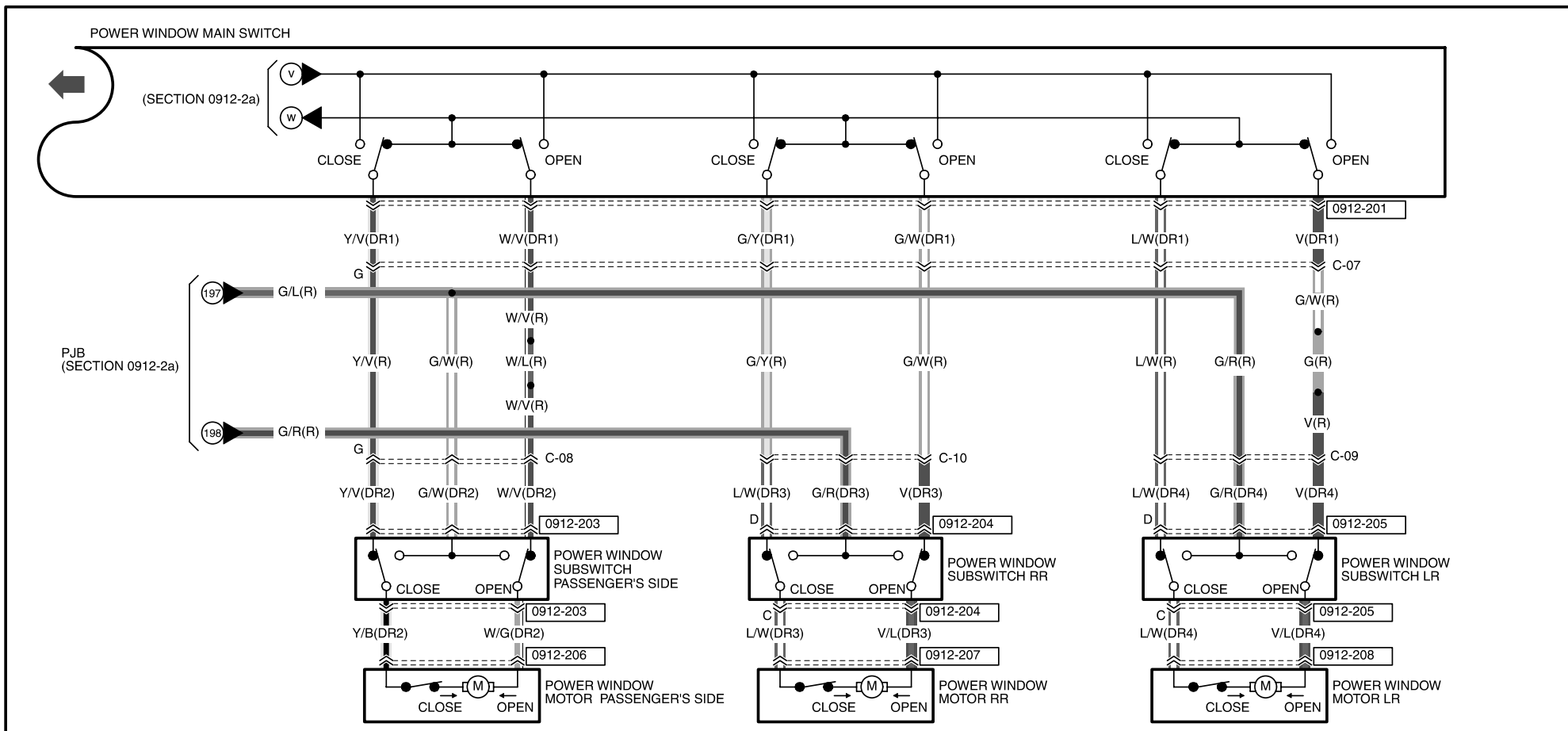
0912-102 FILAMENT					
REAR HARNESS		REAR NO.2 HARNESS			
					
(4SD)		(5HB)			

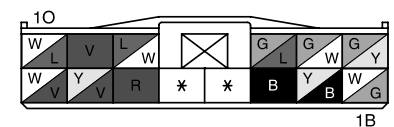
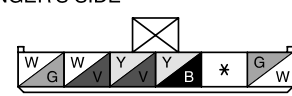
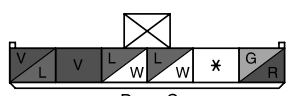
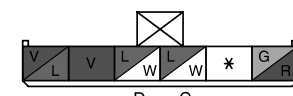
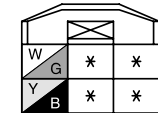
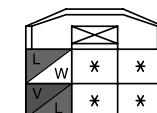
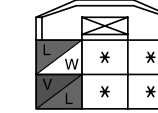


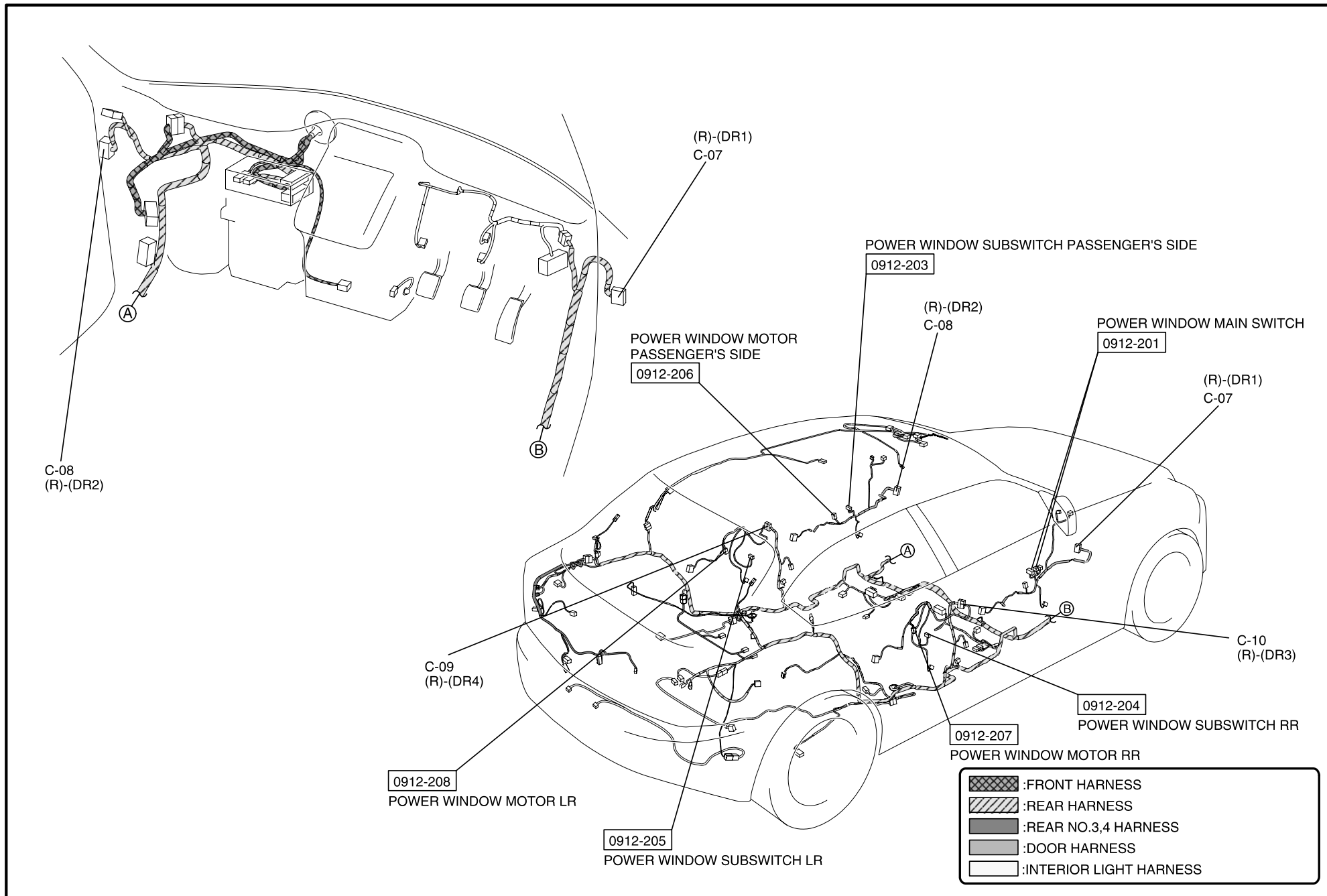




	:FRONT HARNESS
	:ENGINE HARNESS
	:REAR HARNESS
	:REAR NO.3,4 HARNESS
	:INSTRUMENT PANEL HARNESS
	:EMISSION HARNESS
	:DOOR HARNESS
	:INTERIOR LIGHT HARNESS

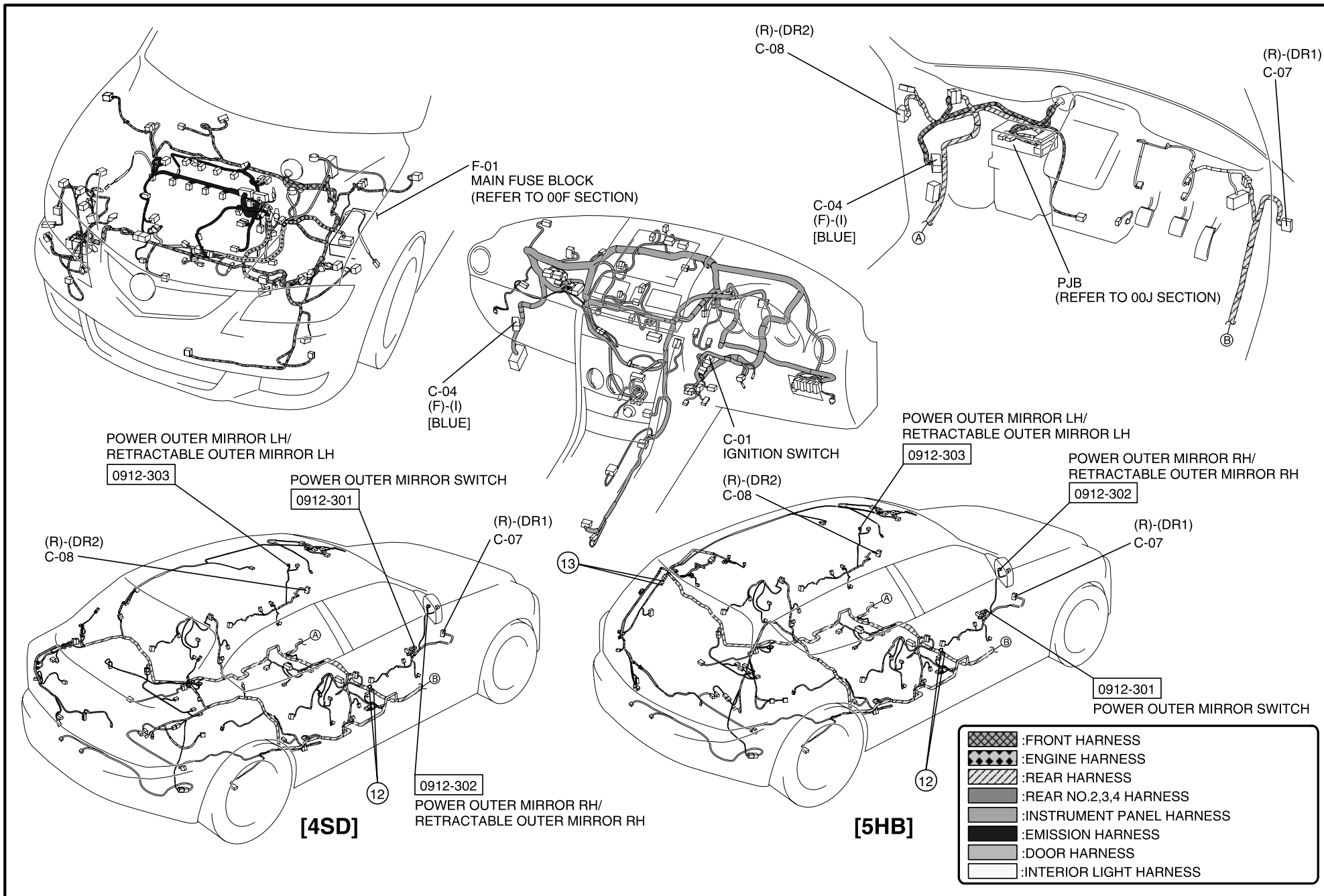


<p>0912-201 POWER WINDOW MAIN SWITCH</p> 	<p>0912-203 POWER WINDOW SUBSWITCH PASSENGER'S SIDE</p> 	<p>0912-204 POWER WINDOW SUBSWITCH RR</p> 	<p>0912-205 POWER WINDOW SUBSWITCH LR</p> 
<p>0912-206 POWER WINDOW MOTOR PASSENGER'S SIDE</p> 	<p>0912-207 POWER WINDOW MOTOR RR</p> 	<p>0912-208 POWER WINDOW MOTOR LR</p> 	



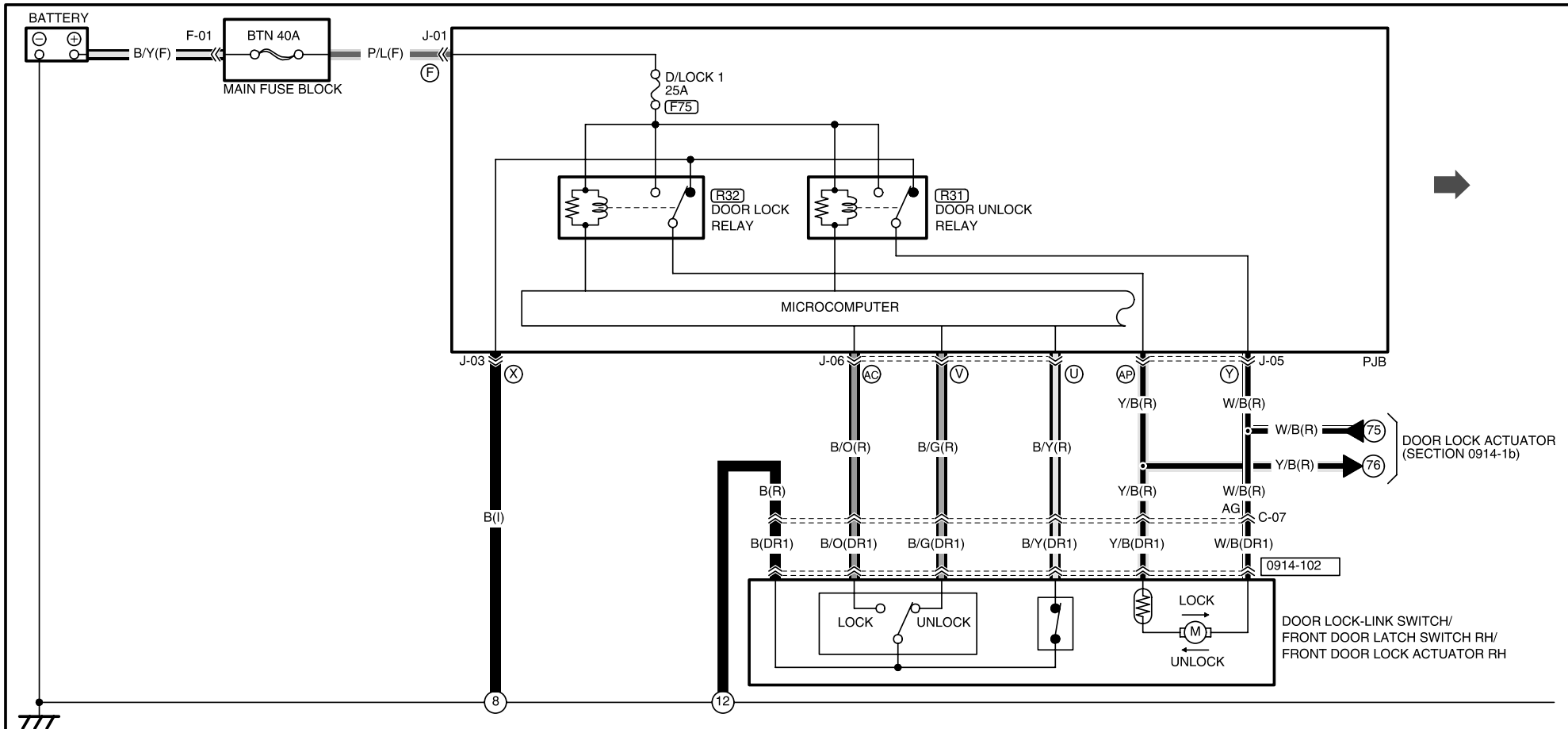




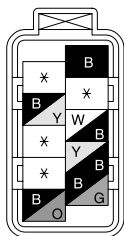


# POWER DOOR LOCK SYSTEM (WITHOUT DOUBLE LOCKING SYSTEM)

0914-1a



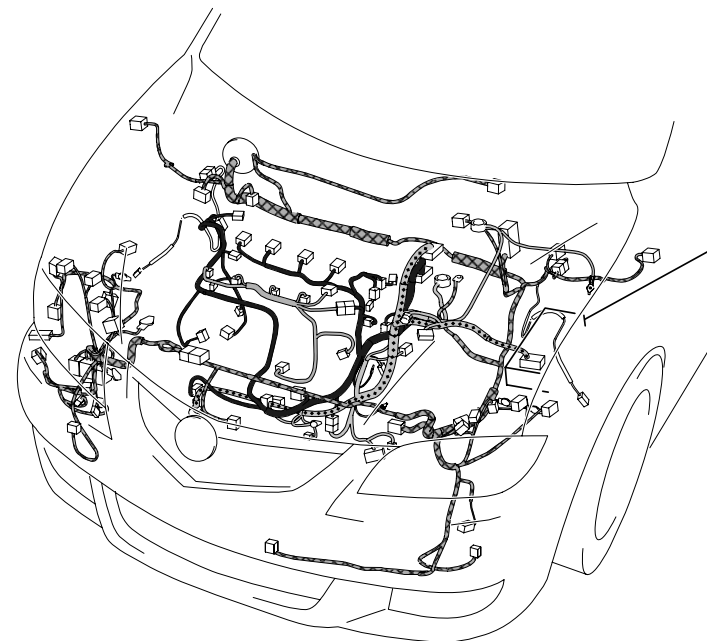
0914-102  
DOOR LOCK-LINK SWITCH/  
FRONT DOOR LATCH SWITCH RH/  
FRONT DOOR LOCK ACTUATOR RH



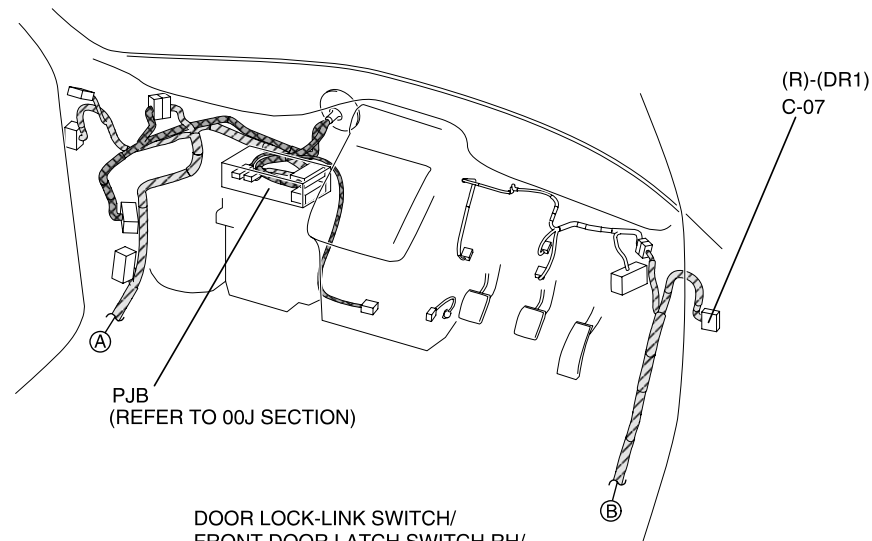
# POWER DOOR LOCK SYSTEM (WITHOUT DOUBLE LOCKING SYSTEM)

0914-1a

163



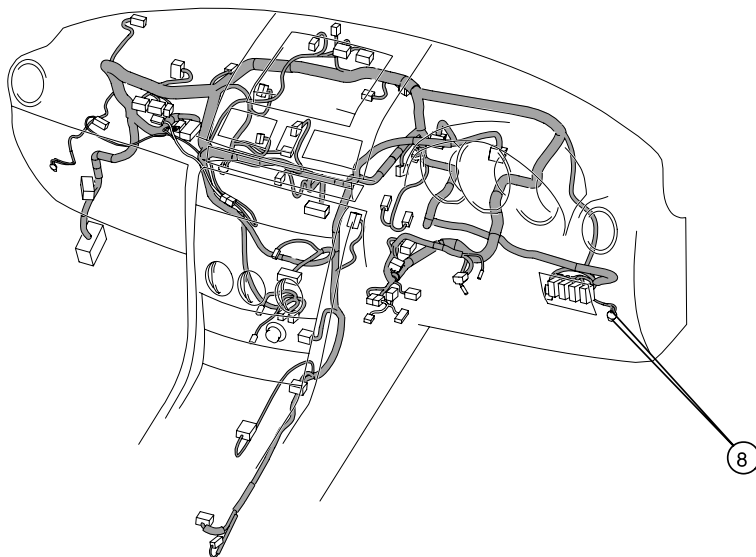
F-01  
MAIN FUSE BLOCK  
(REFER TO 00F SECTION)



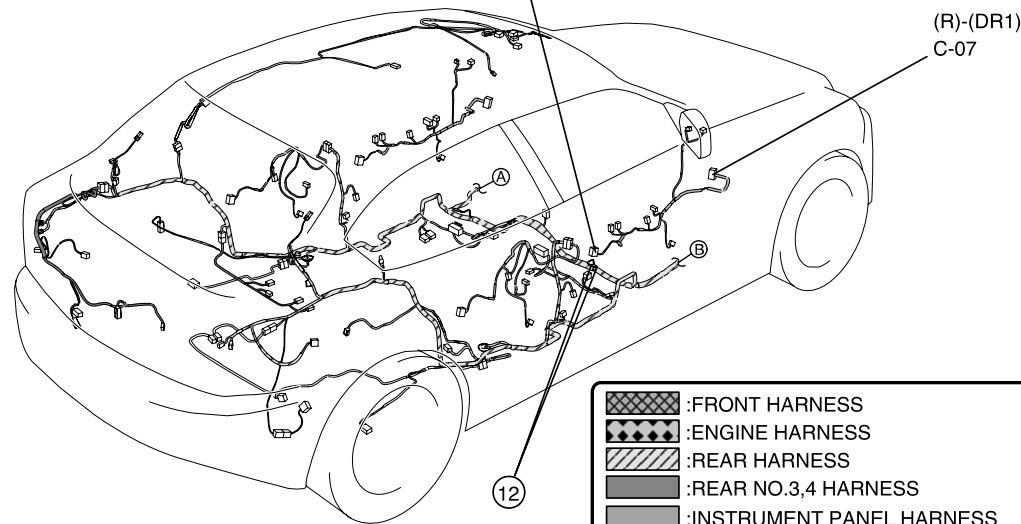
PJB  
(REFER TO 00J SECTION)

DOOR LOCK-LINK SWITCH/  
FRONT DOOR LATCH SWITCH RH/  
FRONT DOOR LOCK ACTUATOR RH

0914-102



8



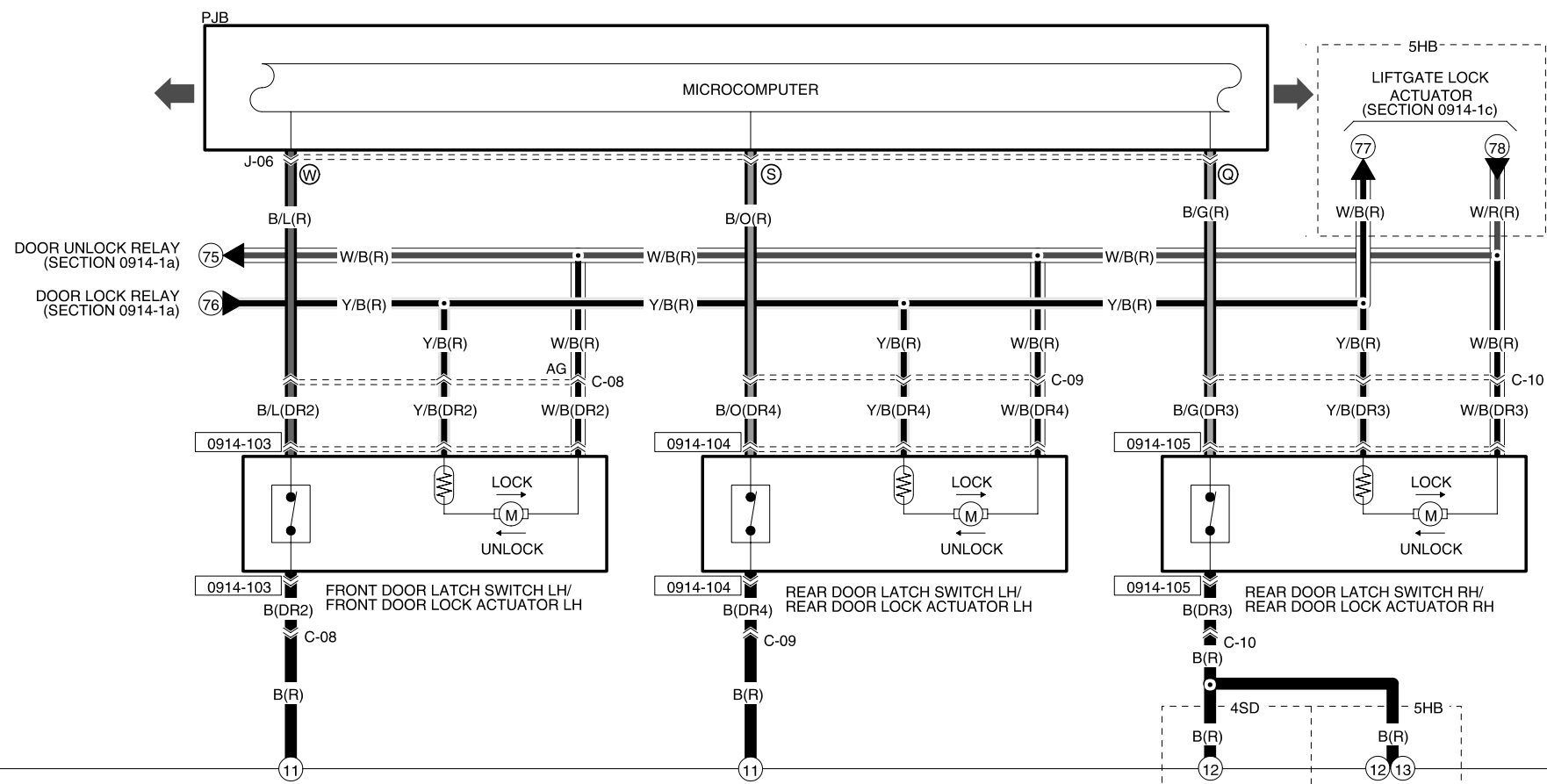
(R)-(DR1)  
C-07

12

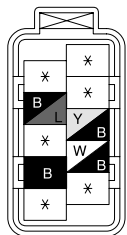
	:FRONT HARNESS
	:ENGINE HARNESS
	:REAR HARNESS
	:REAR NO.3,4 HARNESS
	:INSTRUMENT PANEL HARNESS
	:EMISSION HARNESS
	:DOOR HARNESS
	:INTERIOR LIGHT HARNESS
	:INJECTION HARNESS

# POWER DOOR LOCK SYSTEM (WITHOUT DOUBLE LOCKING SYSTEM)

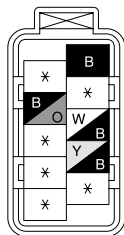
0914-1b



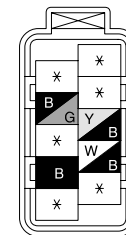
0914-103  
FRONT DOOR LATCH SWITCH LH/  
FRONT DOOR LOCK ACTUATOR LH

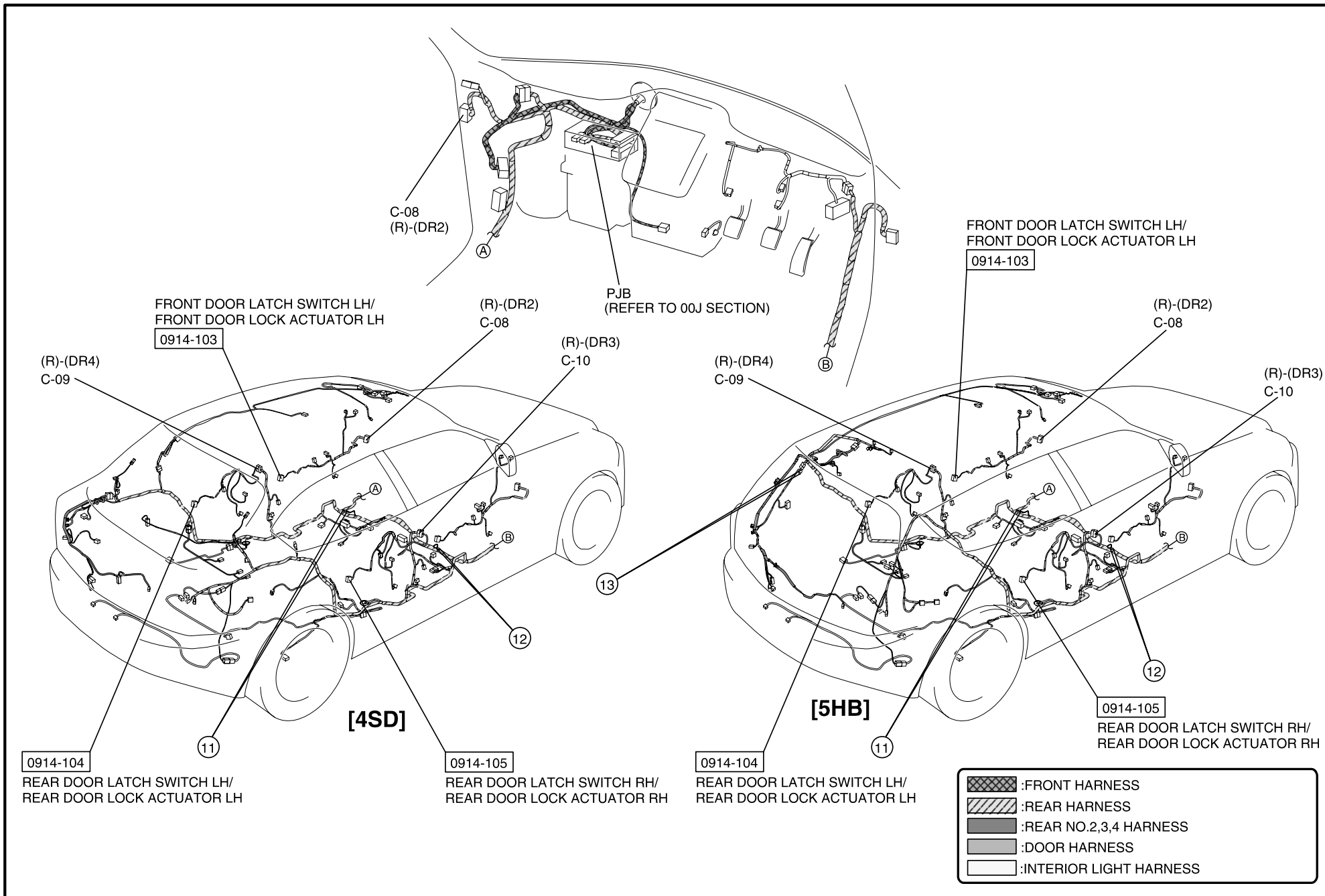


0914-104  
REAR DOOR LATCH SWITCH LH/  
REAR DOOR LOCK ACTUATOR LH



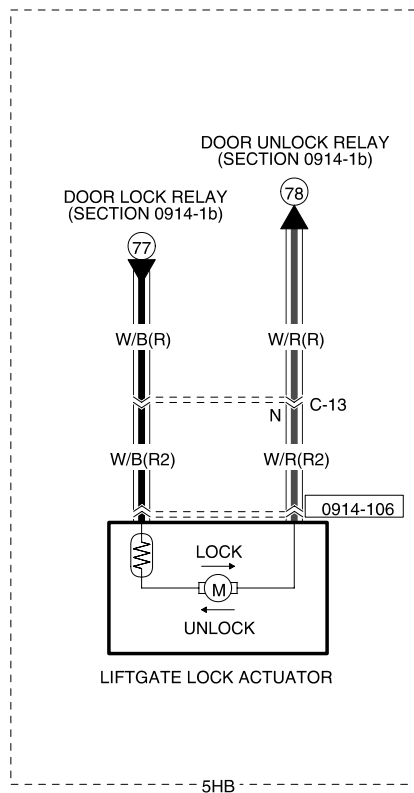
0914-105  
REAR DOOR LATCH SWITCH RH/  
REAR DOOR LOCK ACTUATOR RH



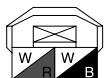


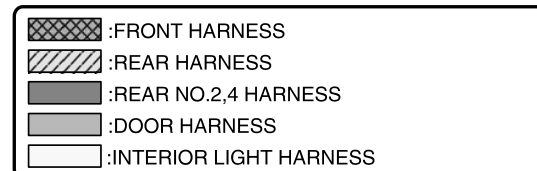
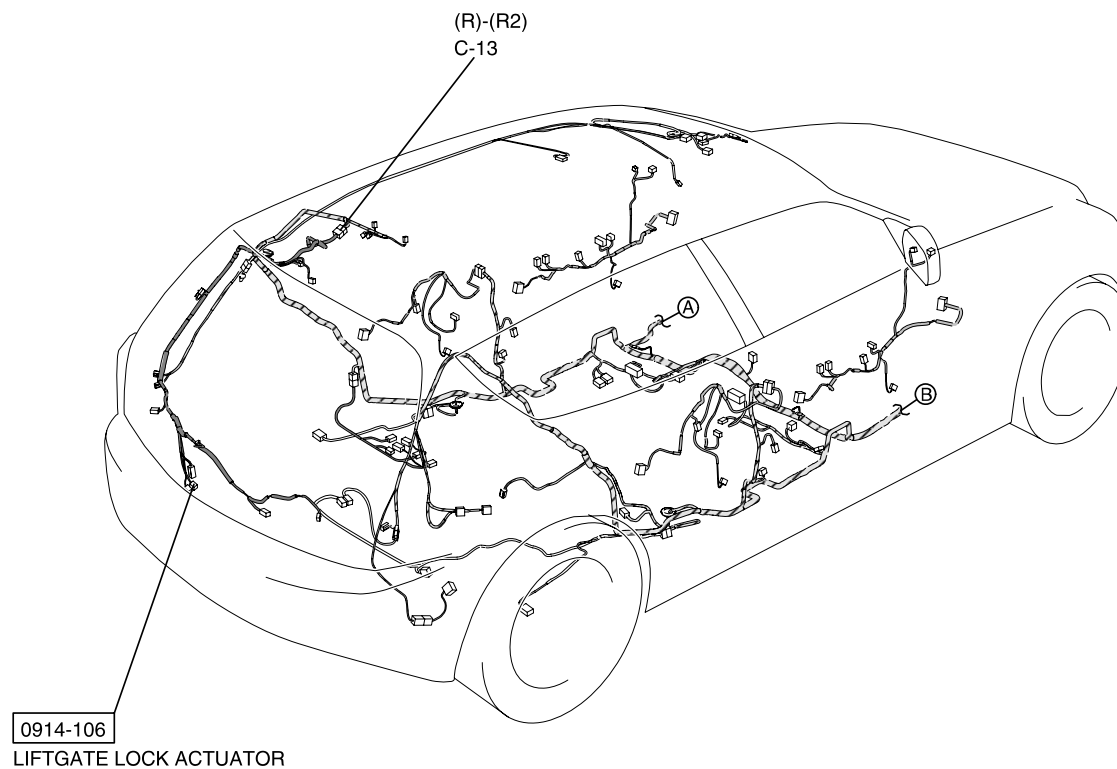


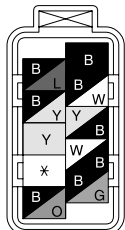
TO 0914-1b



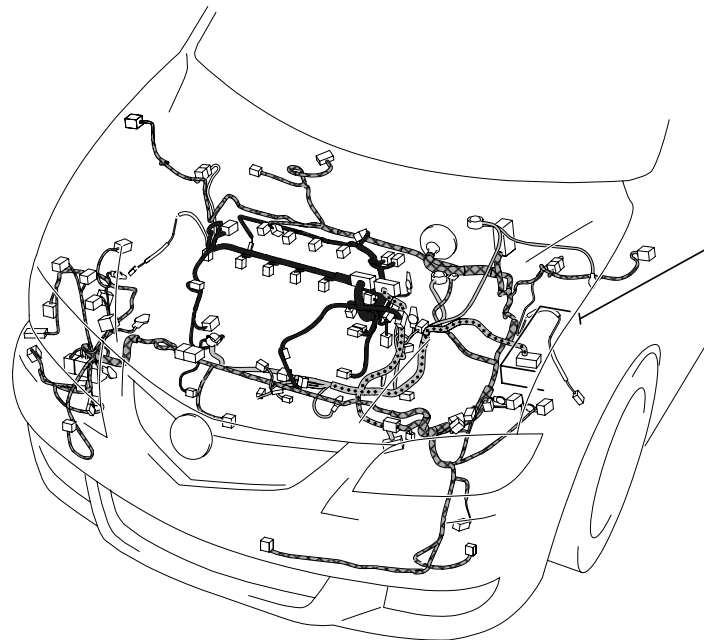
0914-106  
LIFTGATE LOCK ACTUATOR



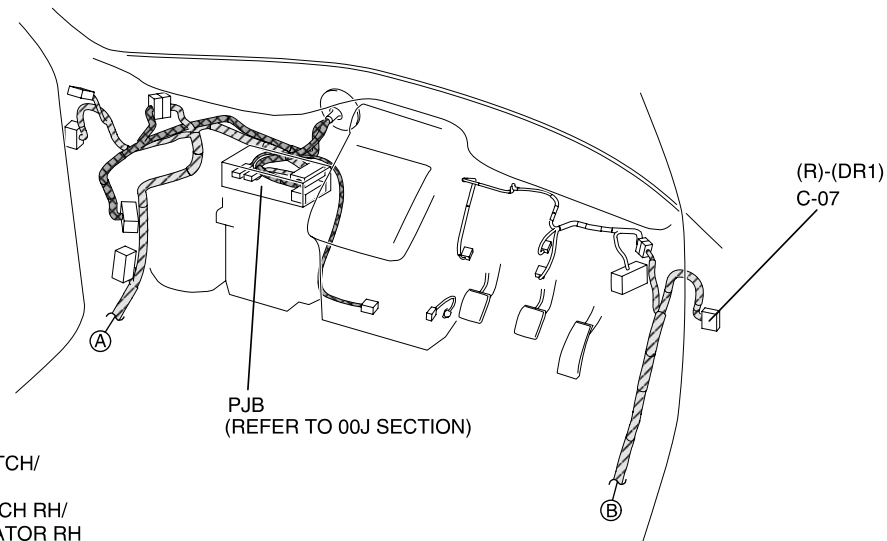






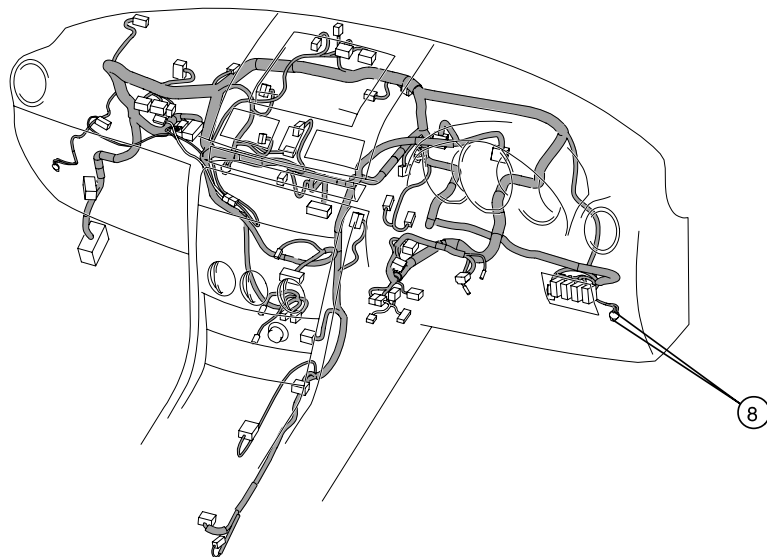
F-01  
MAIN FUSE BLOCK  
(REFER TO 00F SECTION)



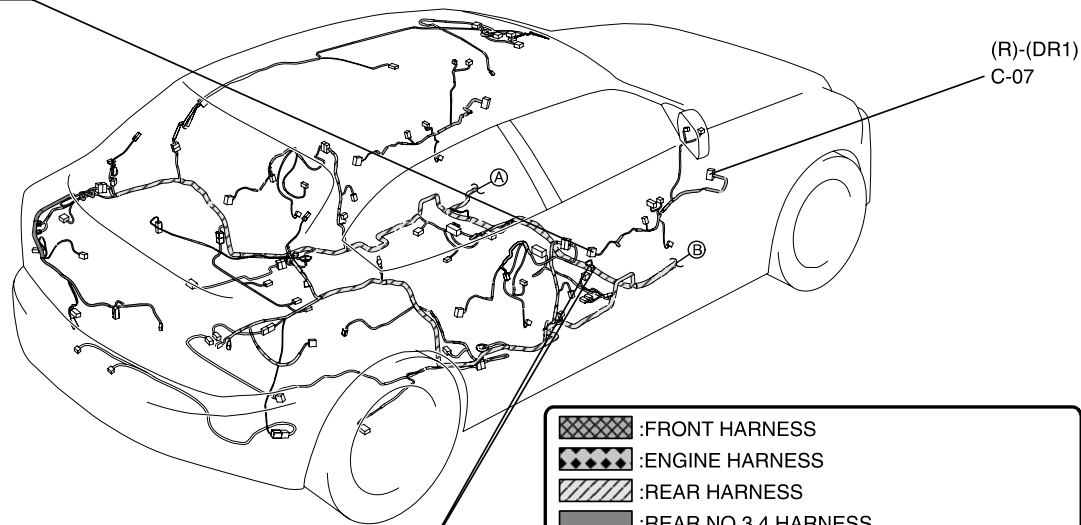
PJB  
(REFER TO 00J SECTION)

DOOR KEY CYLINDER SWITCH/  
DOOR LOCK-LINK SWITCH/  
FRONT DOOR LATCH SWITCH RH/  
FRONT DOOR LOCK ACTUATOR RH

0914-202











8



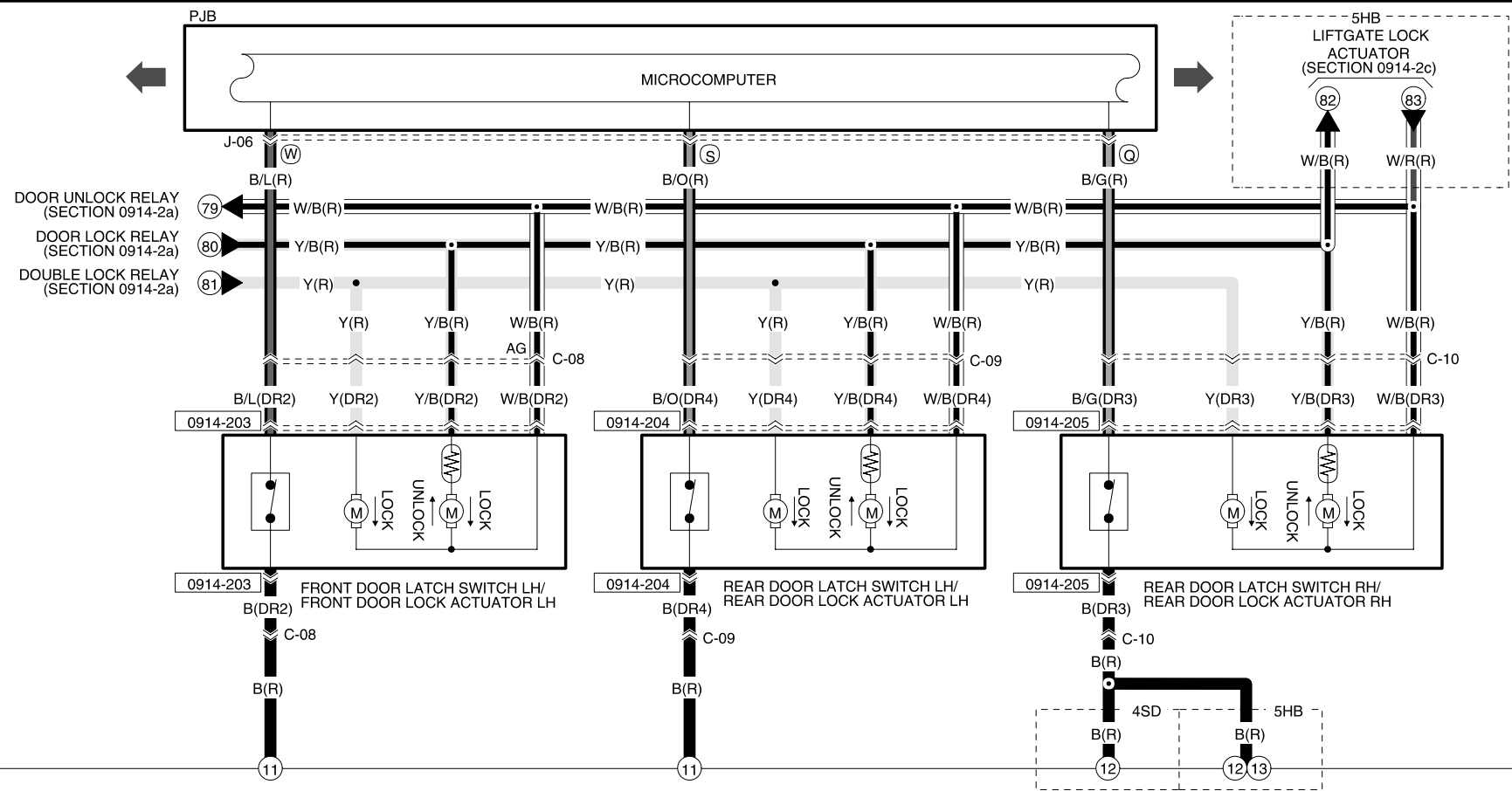
(R)-(DR1)  
C-07

12

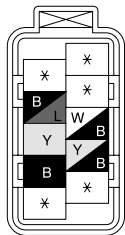
-  :FRONT HARNESS
-  :ENGINE HARNESS
-  :REAR HARNESS
-  :REAR NO.3,4 HARNESS
-  :INSTRUMENT PANEL HARNESS
-  :EMISSION HARNESS
-  :DOOR HARNESS
-  :INTERIOR LIGHT HARNESS

# POWER DOOR LOCK SYSTEM (WITH DOUBLE LOCKING SYSTEM)

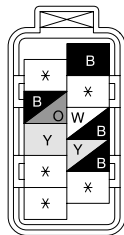
0914-2b



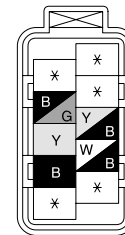
0914-203  
FRONT DOOR LATCH SWITCH LH/  
FRONT DOOR LOCK ACTUATOR LH



0914-204  
REAR DOOR LATCH SWITCH LH/  
REAR DOOR LOCK ACTUATOR LH



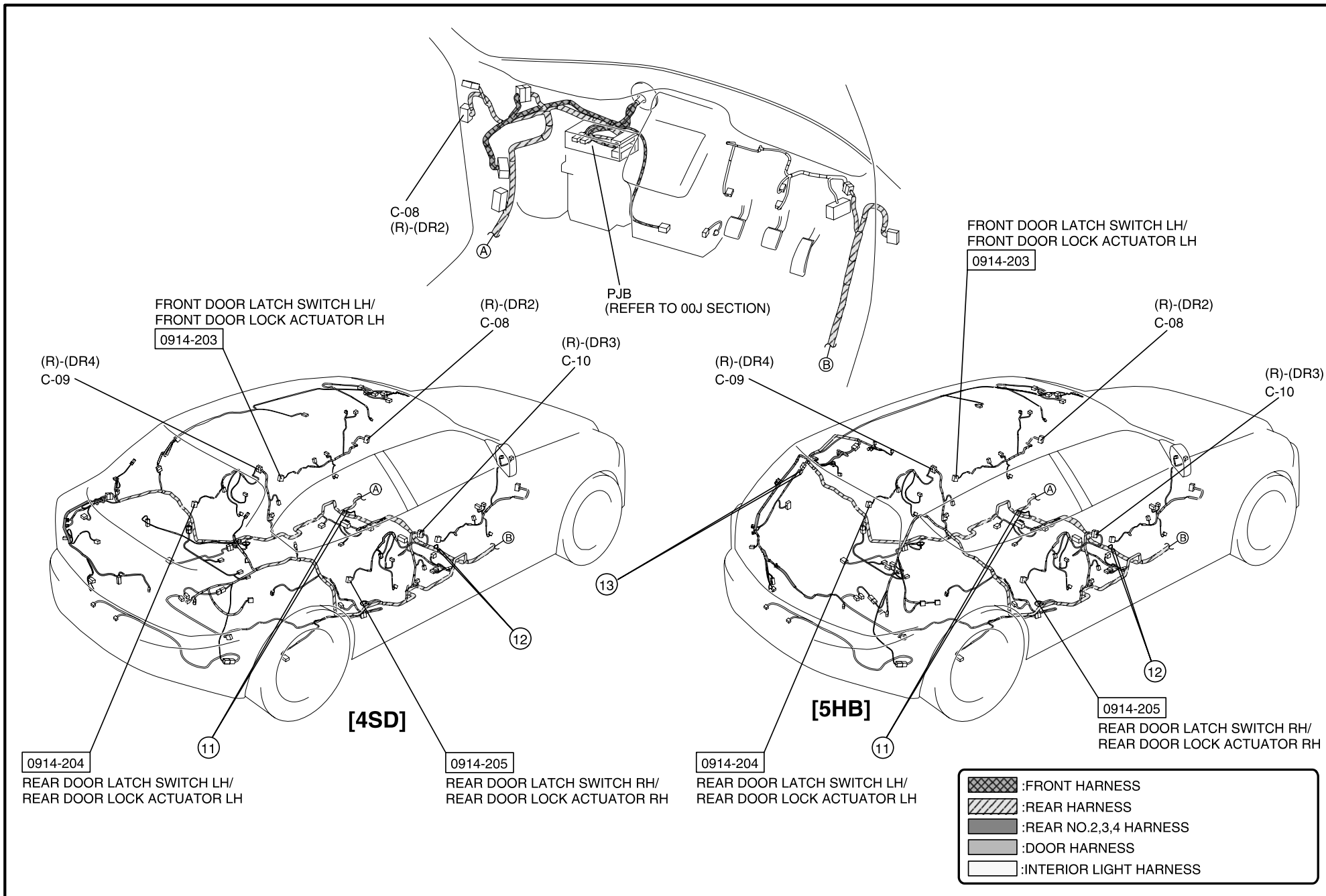
0914-205  
REAR DOOR LATCH SWITCH RH/  
REAR DOOR LOCK ACTUATOR RH



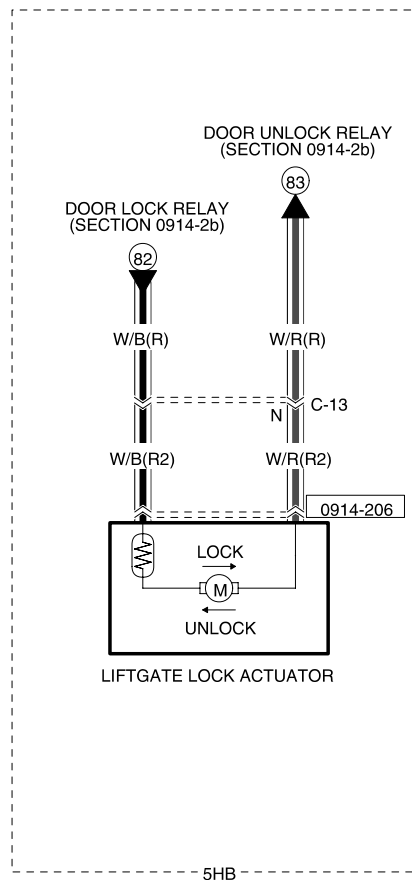
# POWER DOOR LOCK SYSTEM (WITH DOUBLE LOCKING SYSTEM)

0914-2b

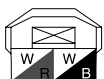
171

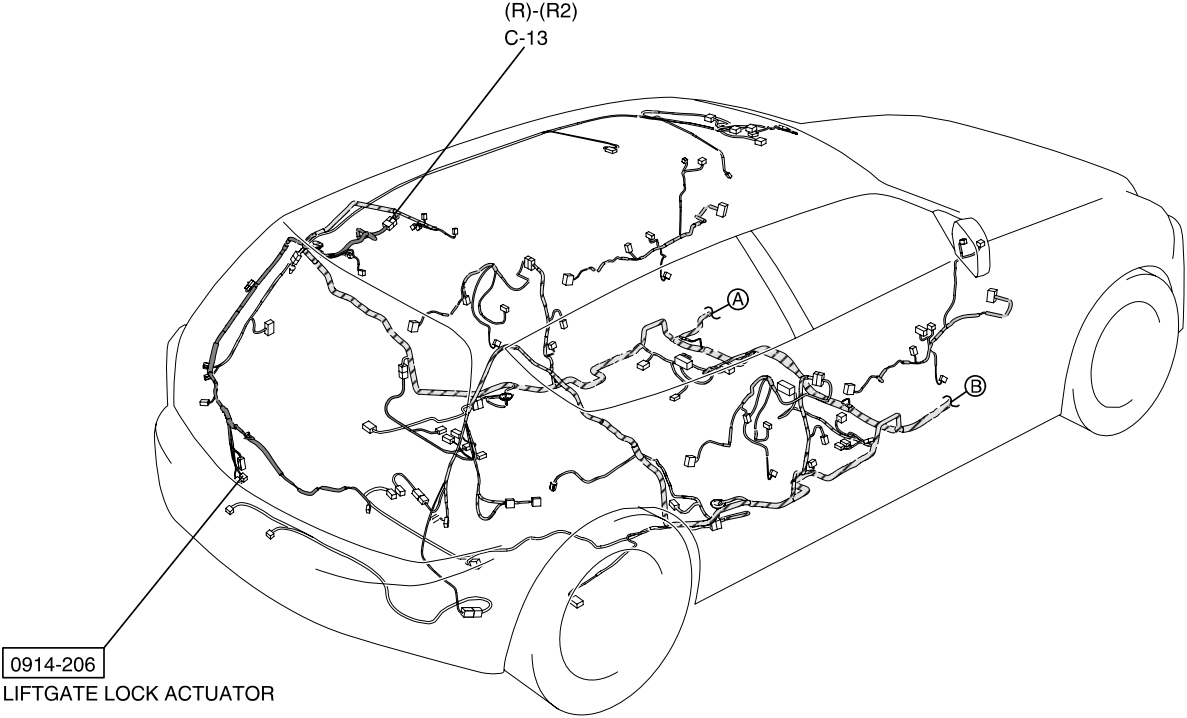


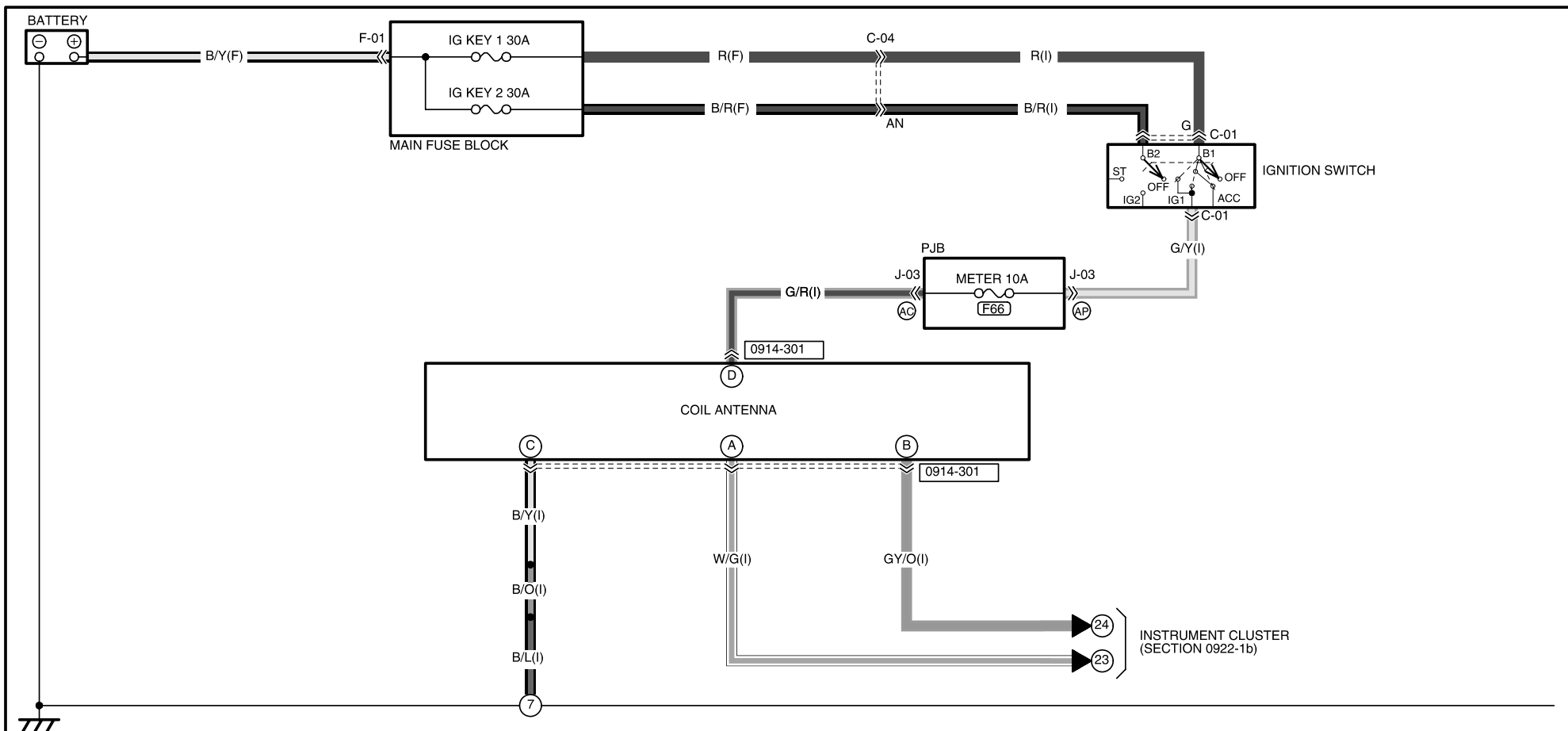
←  
TO 0914-2b



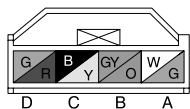
0914-206  
LIFTGATE LOCK ACTUATOR

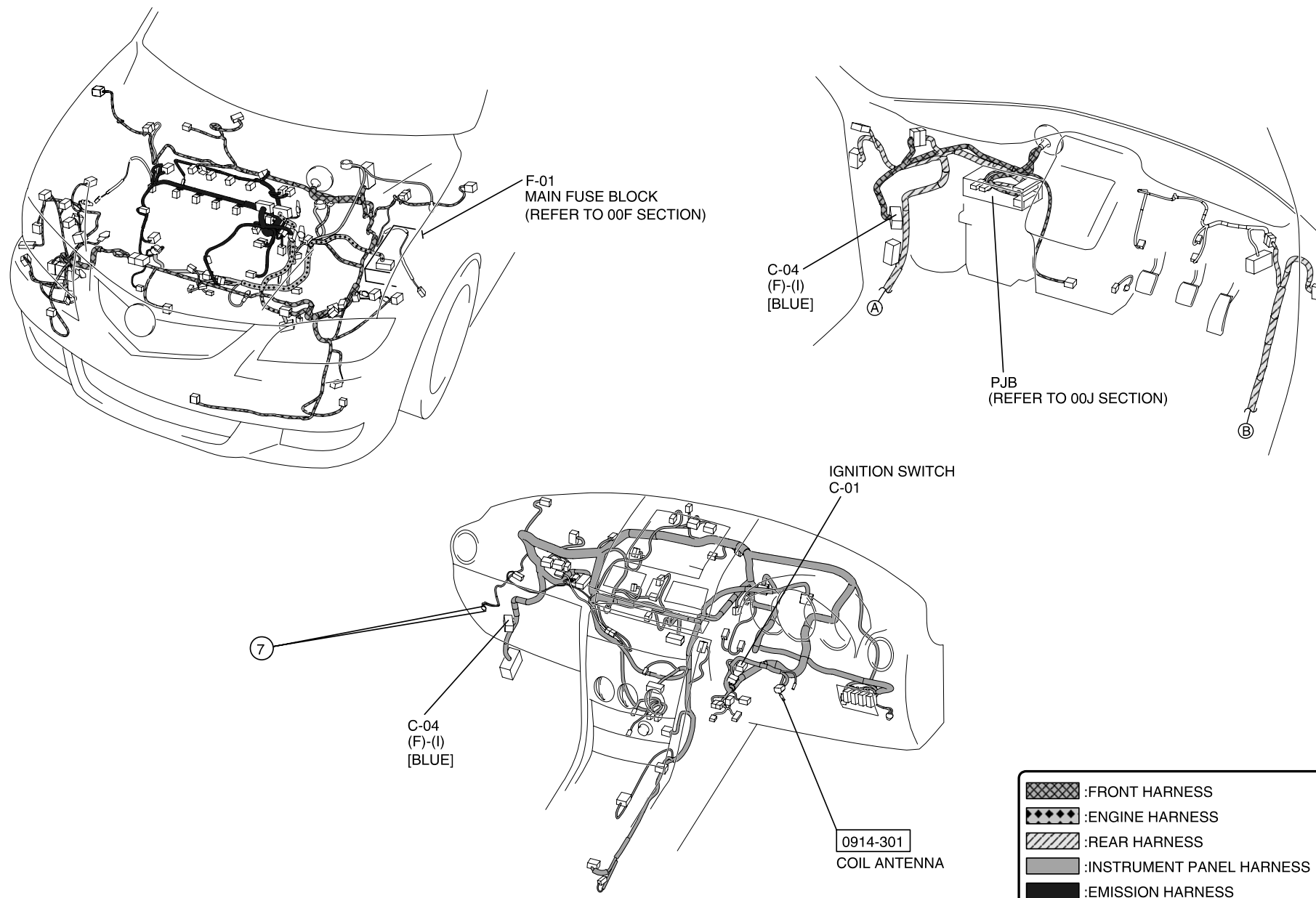


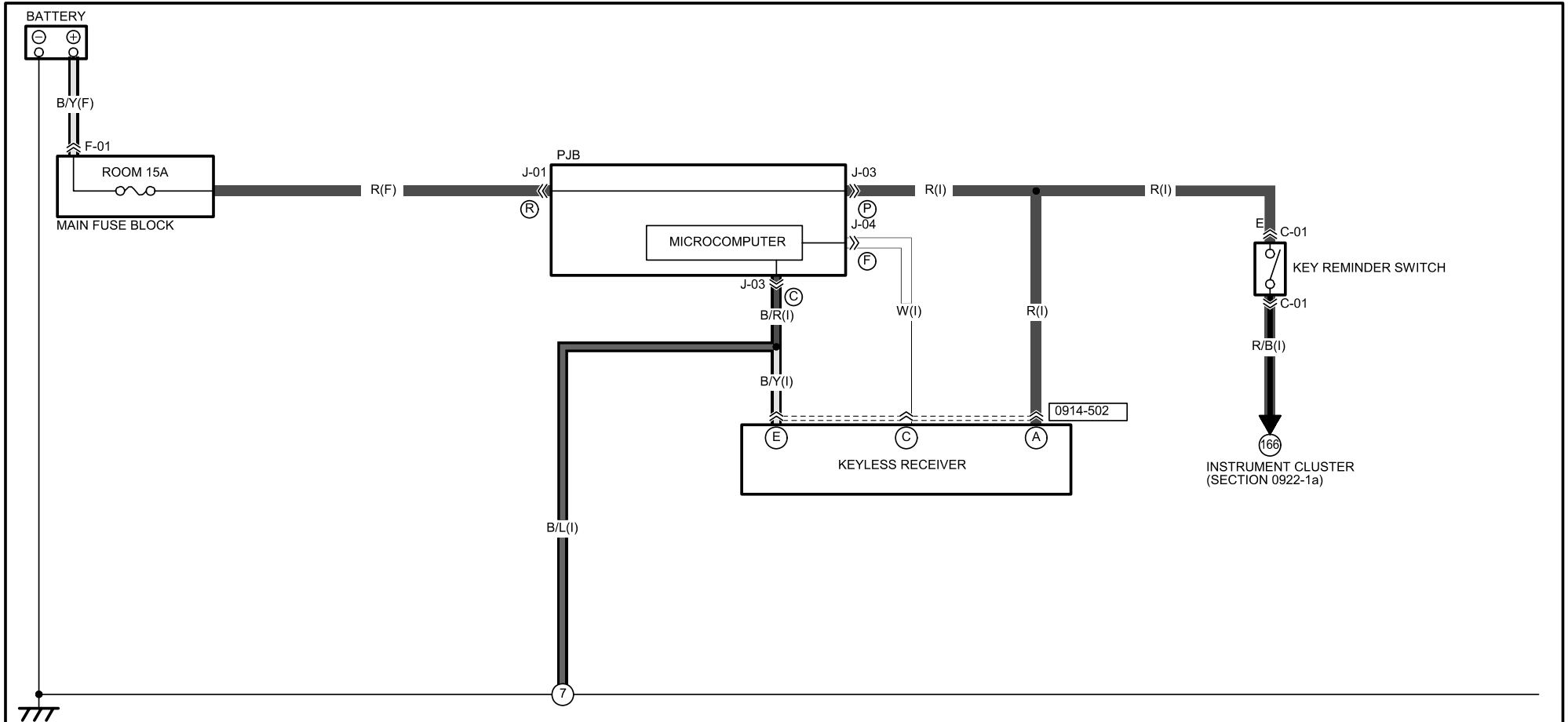




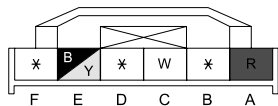
0914-301  
COIL ANTENNA



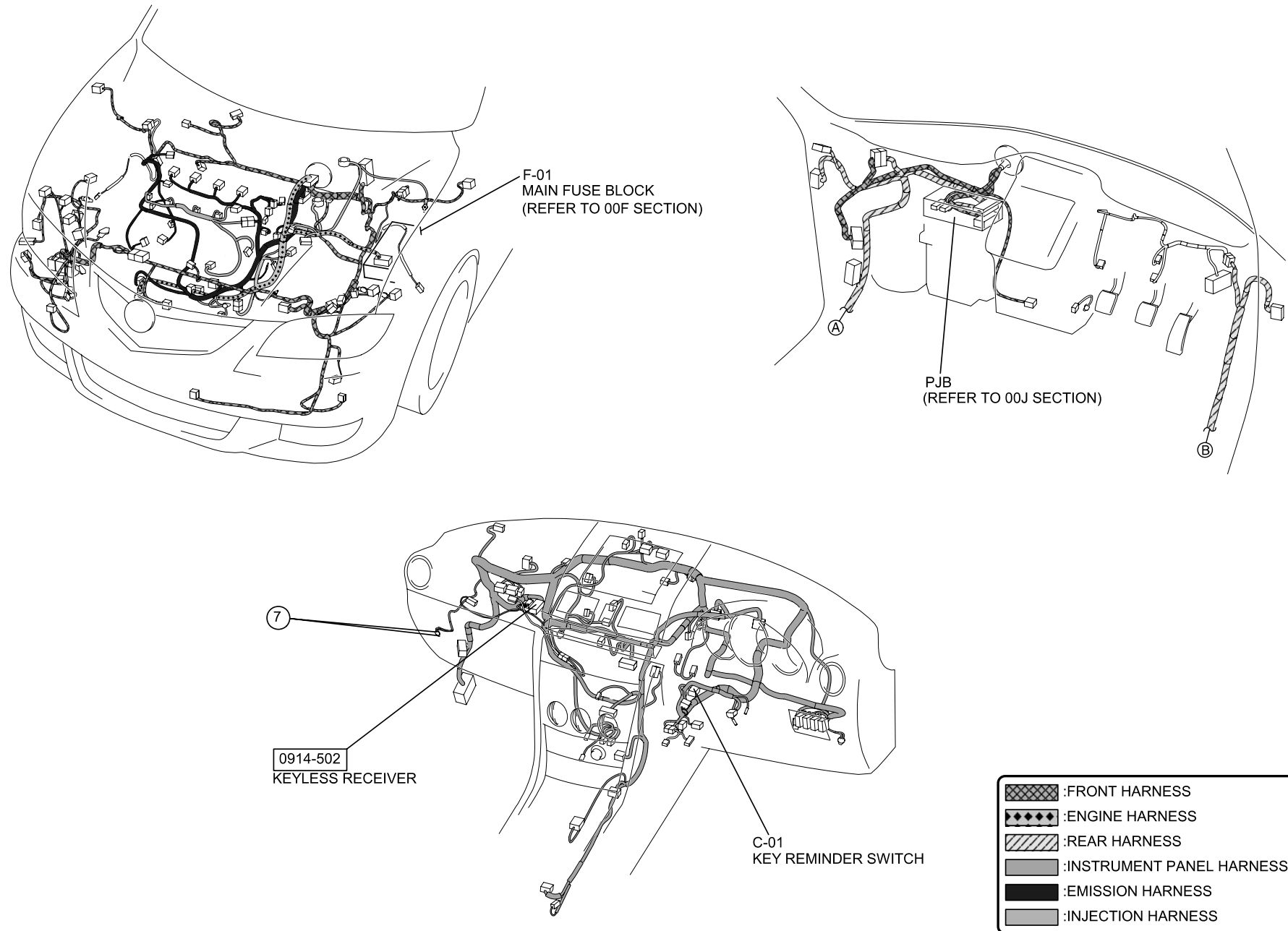


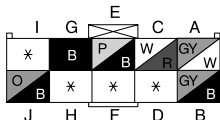
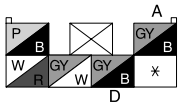


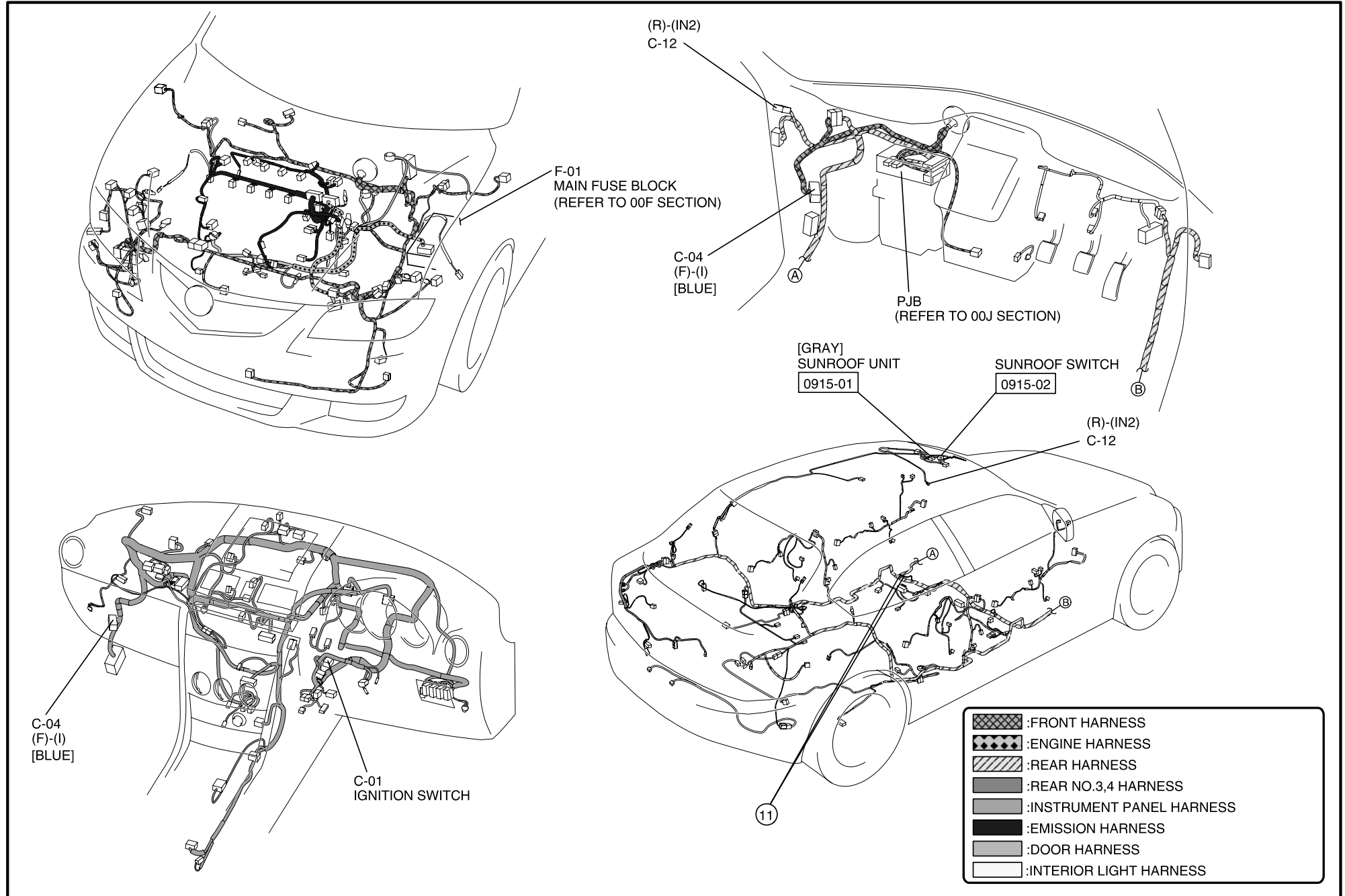
0914-502  
KEYLESS RECEIVER

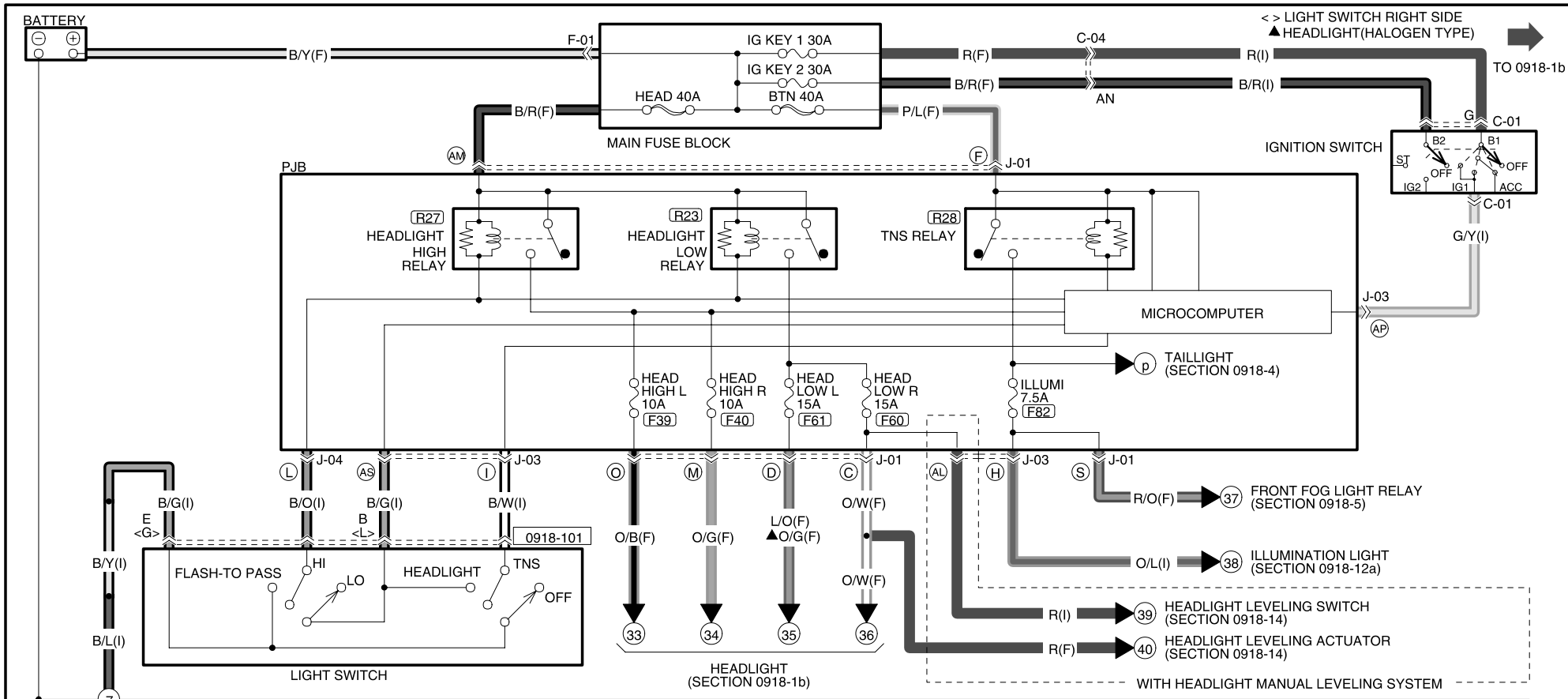




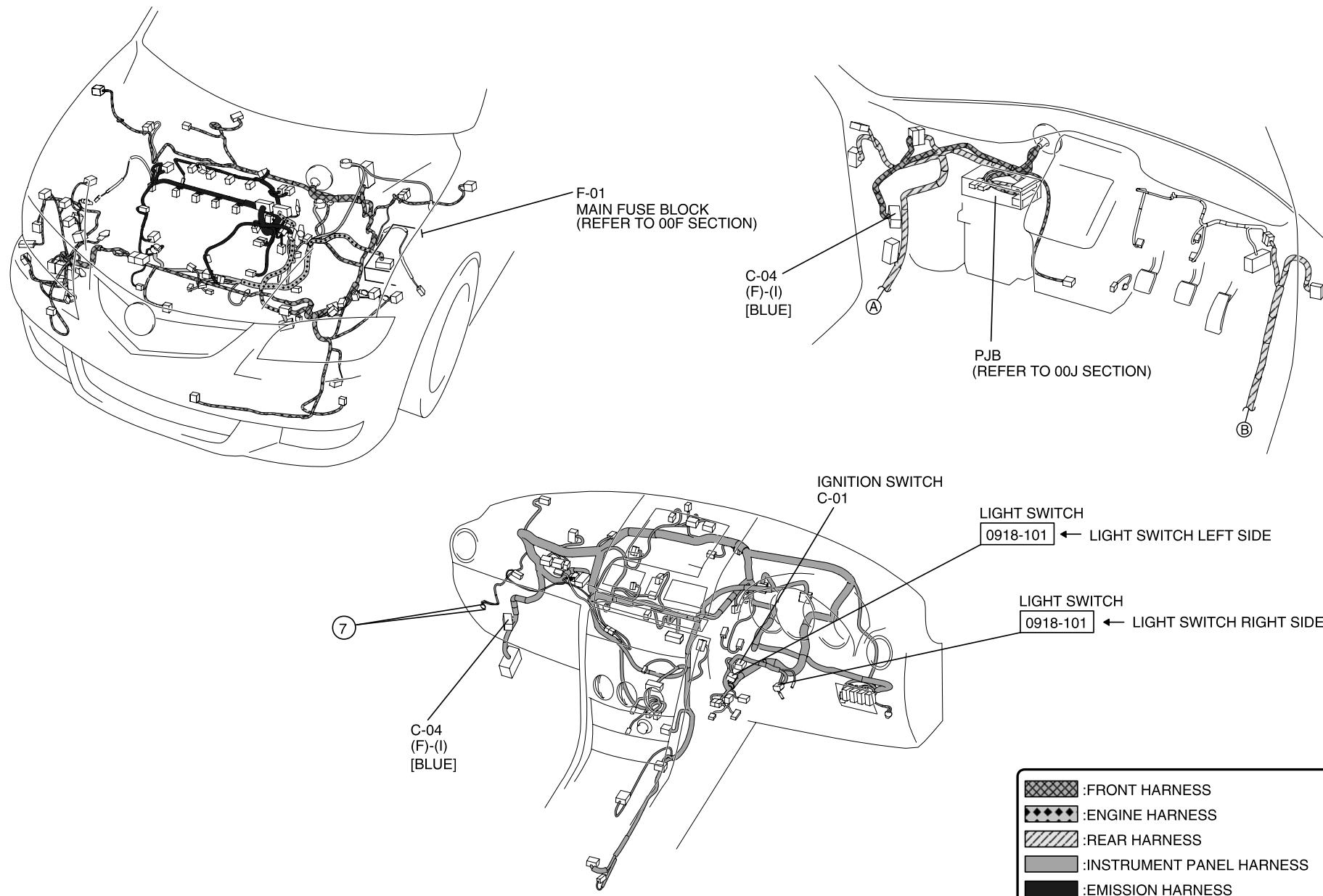


0915-01 SUNROOF UNIT	0915-02 SUNROOF SWITCH			
				



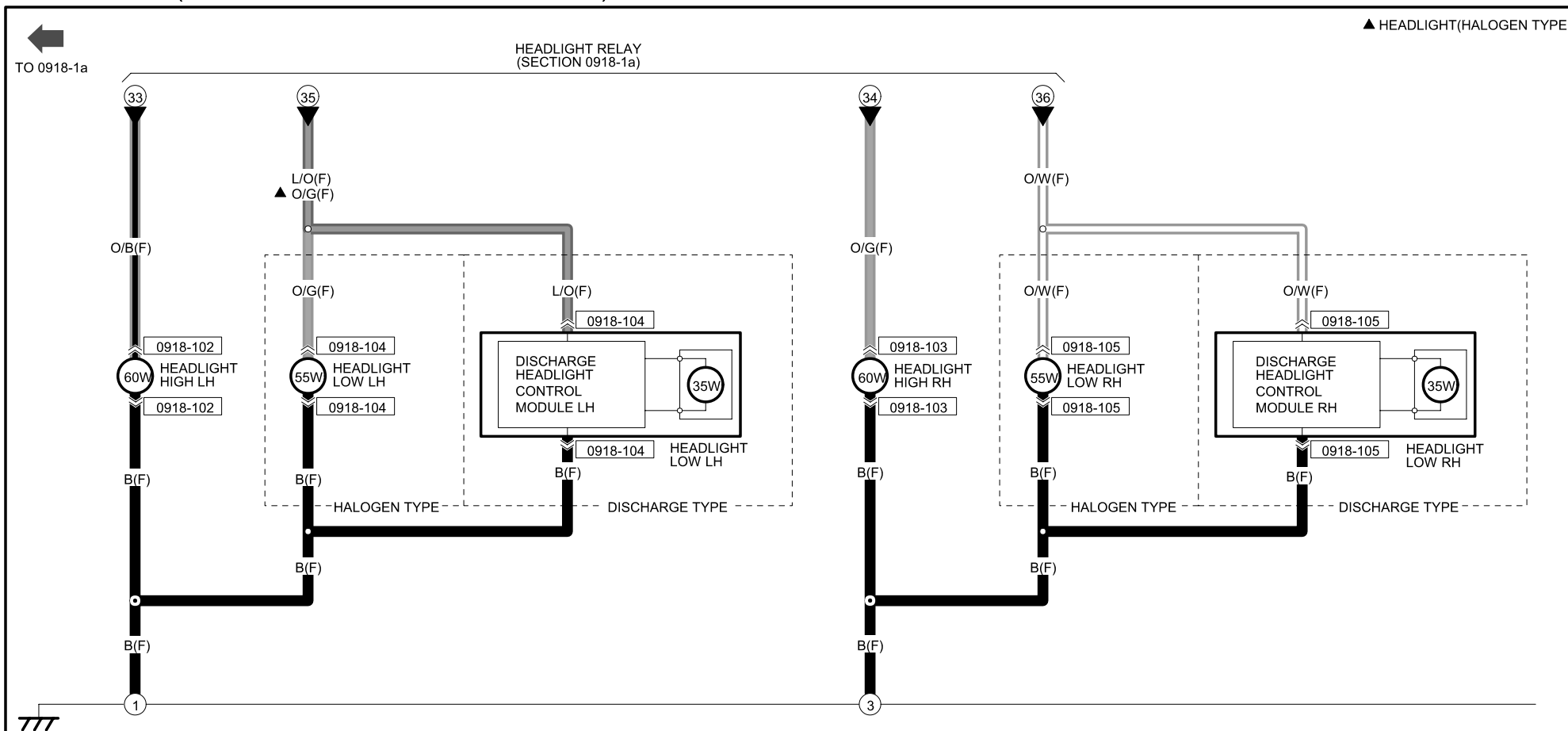


<p>0918-101 LIGHT SWITCH</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>(LIGHT SWITCH LEFT SIDE)</p> </div> <div style="text-align: center;"> <p>(LIGHT SWITCH RIGHT SIDE)</p> </div> </div>				



# HEADLIGHT (WITHOUT AUTO LIGHT SYSTEM)

0918-1b



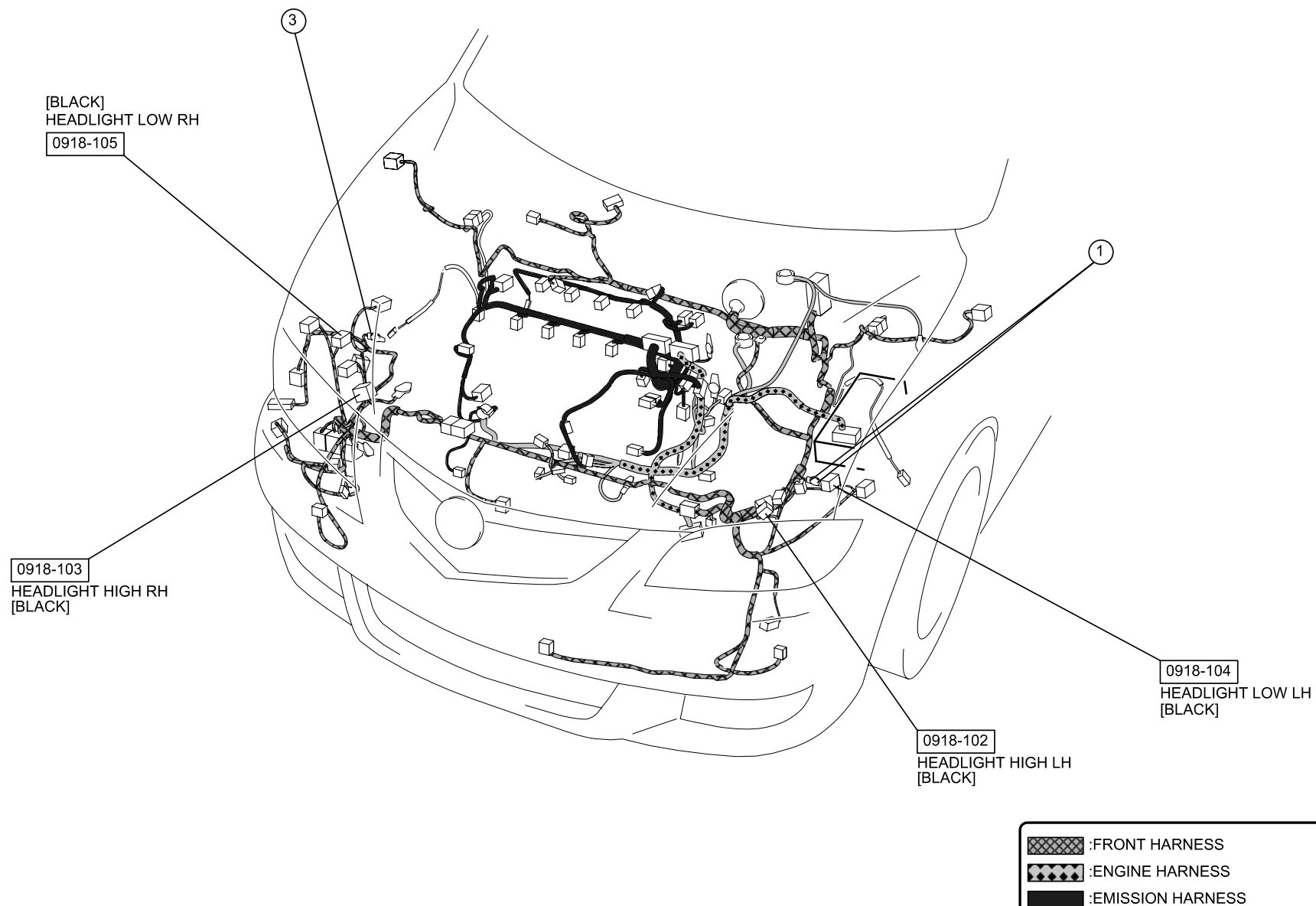
182

<p>0918-102 HEADLIGHT HIGH LH</p>	<p>0918-103 HEADLIGHT HIGH RH</p>	<p>0918-104 HEADLIGHT LOW LH</p> <div> <p>(HALOGEN TYPE)</p> </div> <div> <p>(DISCHARGE TYPE)</p> </div>	<p>0918-105 HEADLIGHT LOW RH</p> <div> <p>(HALOGEN TYPE)</p> </div> <div> <p>(DISCHARGE TYPE)</p> </div>

# HEADLIGHT (WITHOUT AUTO LIGHT SYSTEM)

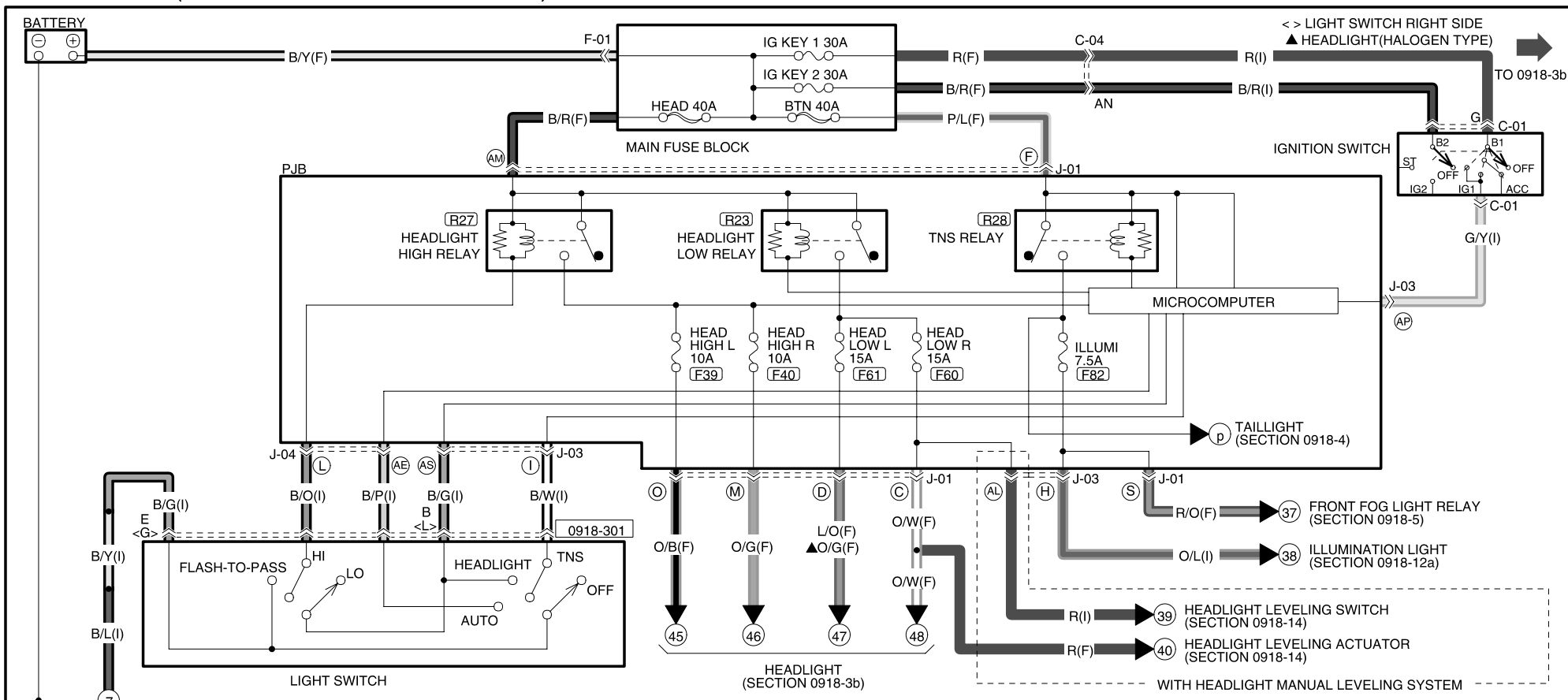
0918-1b

183

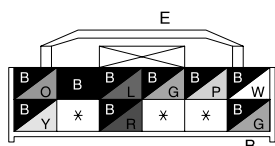


# HEADLIGHT (WITH AUTO LIGHT SYSTEM)

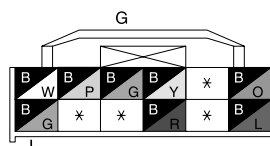
0918-3a



0918-301  
LIGHT SWITCH

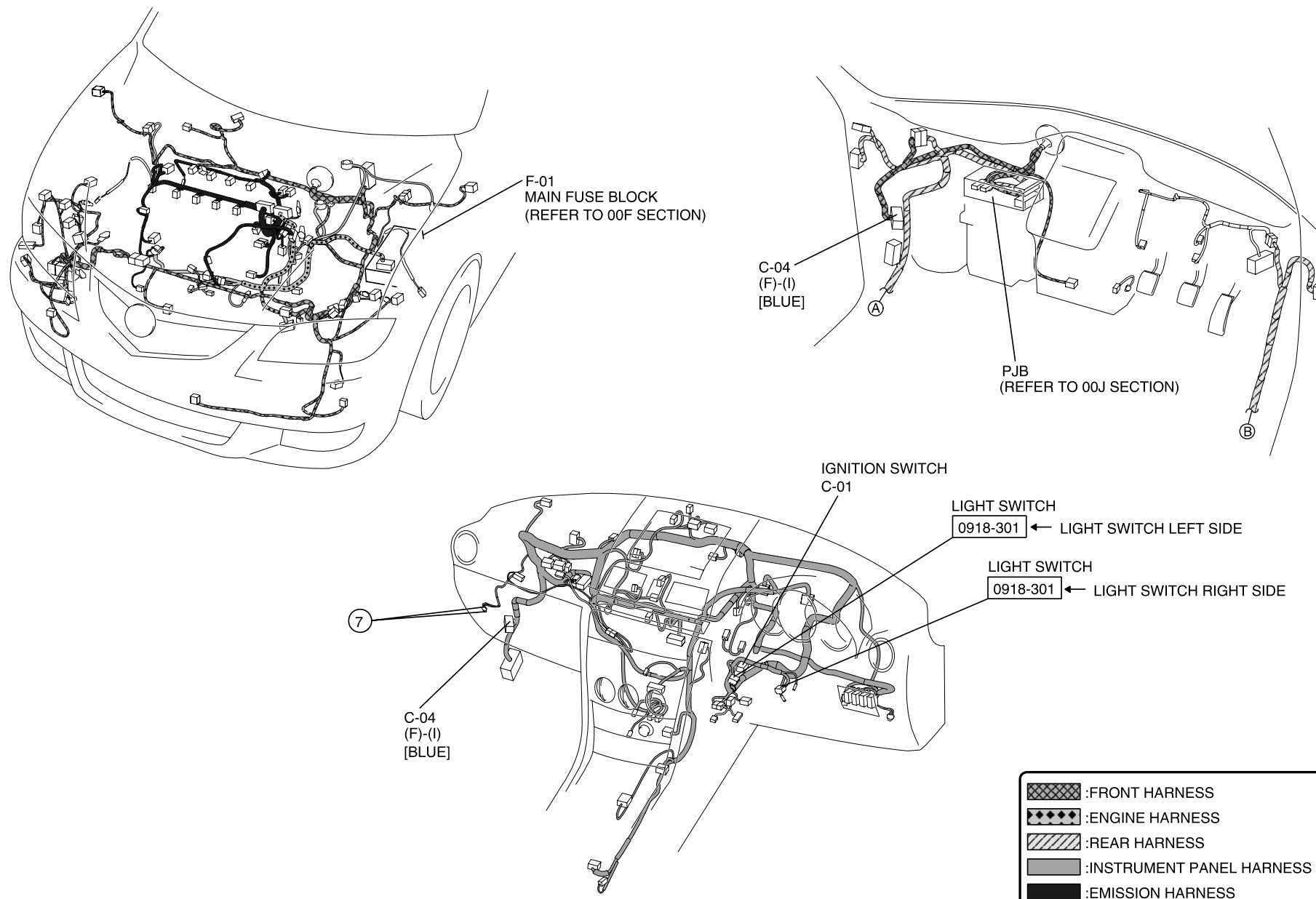


(LIGHT SWITCH LEFT SIDE)



(LIGHT SWITCH RIGHT SIDE)

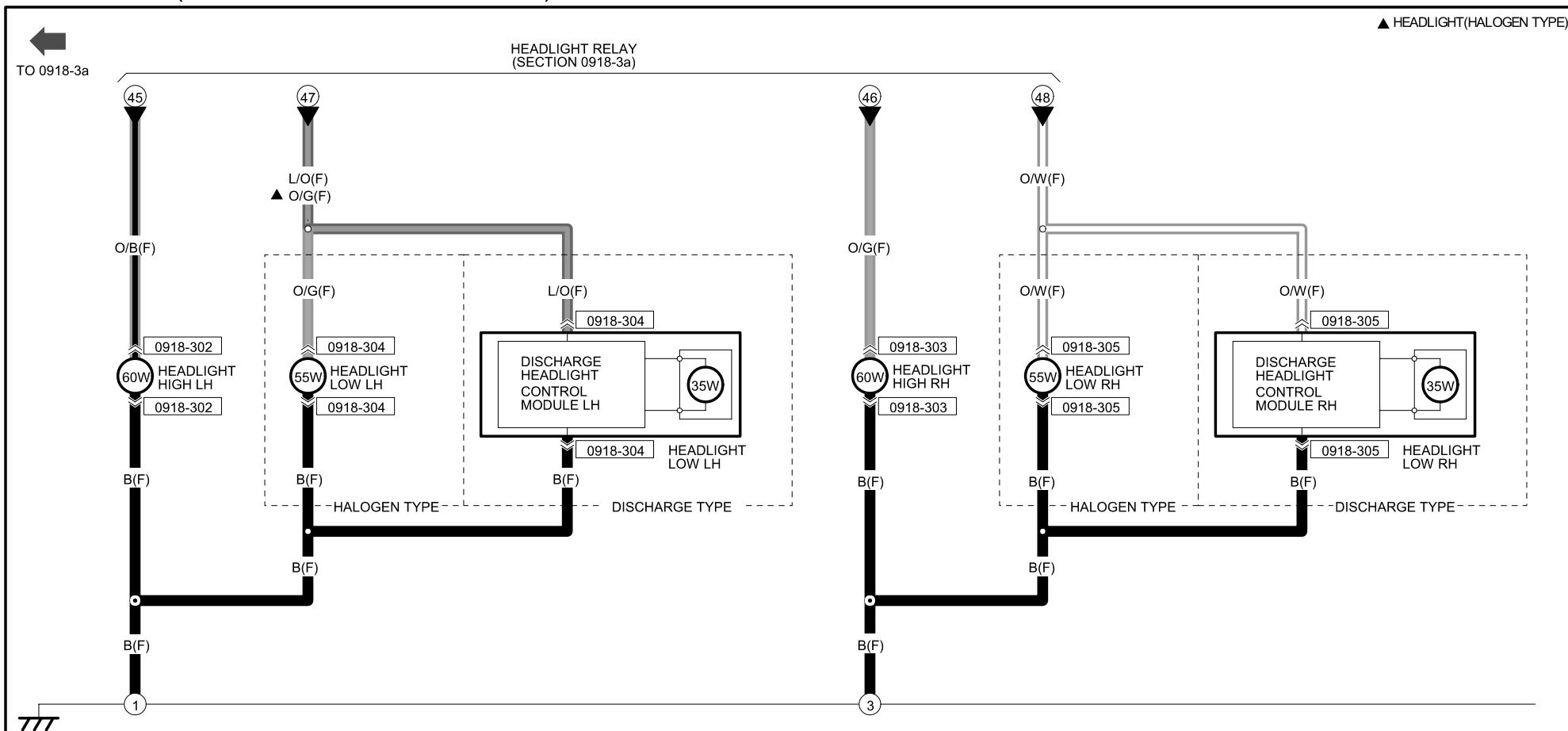




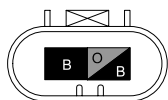
# HEADLIGHT (WITH AUTO LIGHT SYSTEM)

0918-3b

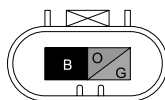
▲ HEADLIGHT(HALOGEN TYPE)



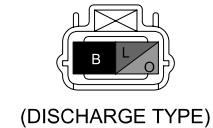
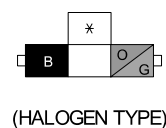
0918-302  
HEADLIGHT HIGH LH



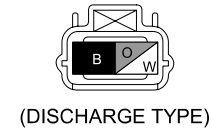
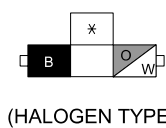
0918-303  
HEADLIGHT HIGH RH



0918-304  
HEADLIGHT LOW LH



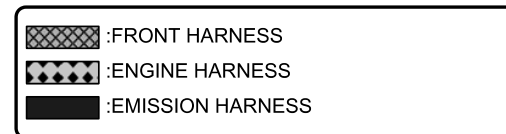
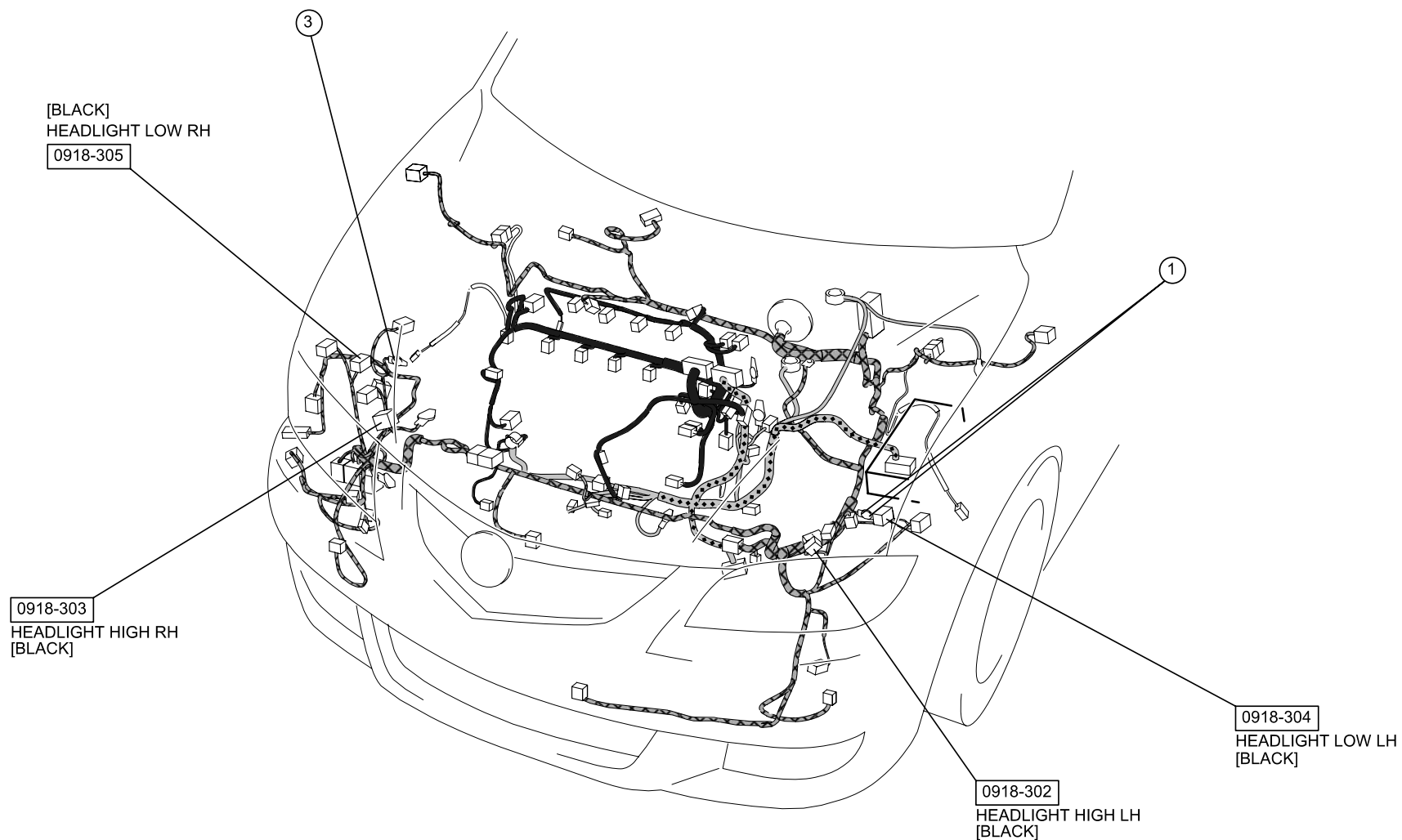
0918-305  
HEADLIGHT LOW RH



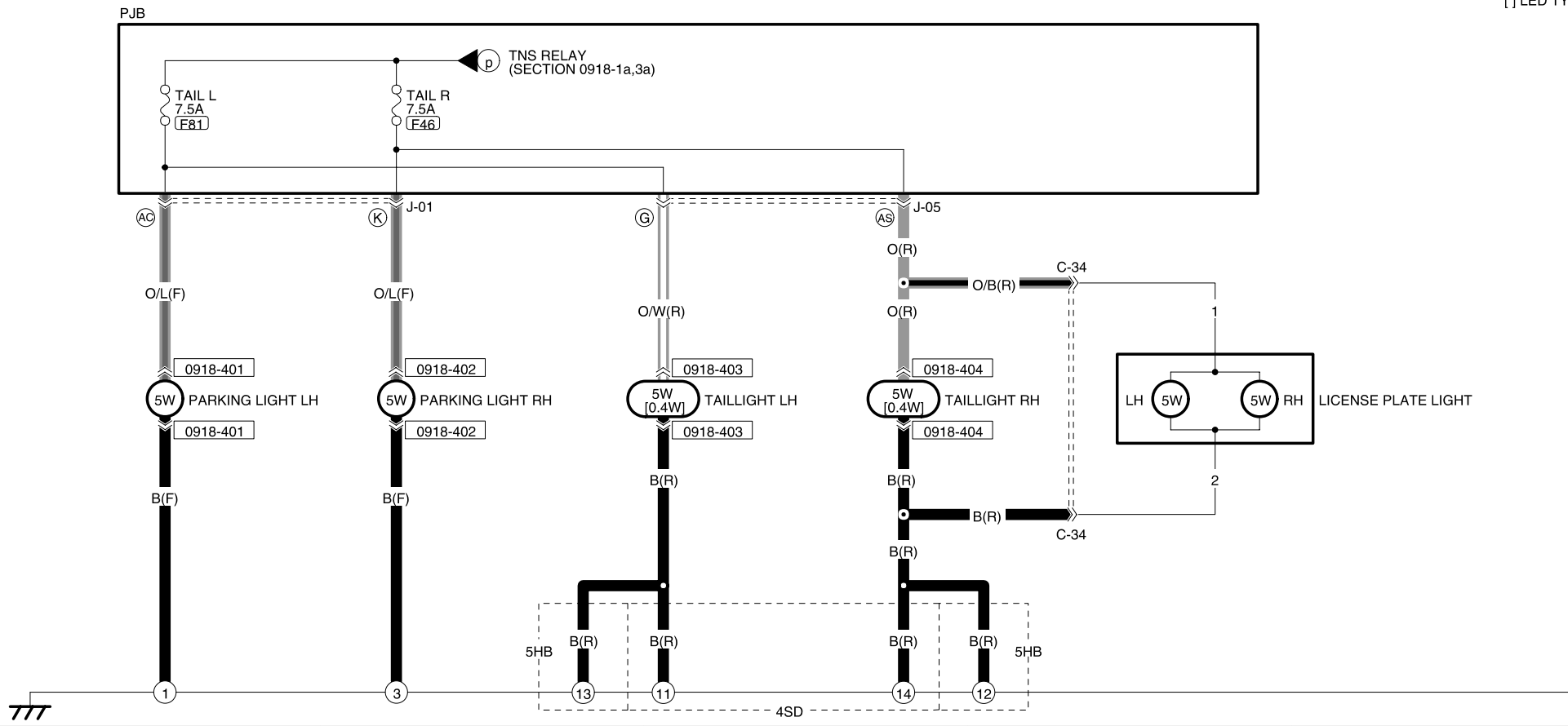
# HEADLIGHT (WITH AUTO LIGHT SYSTEM)

0918-3b

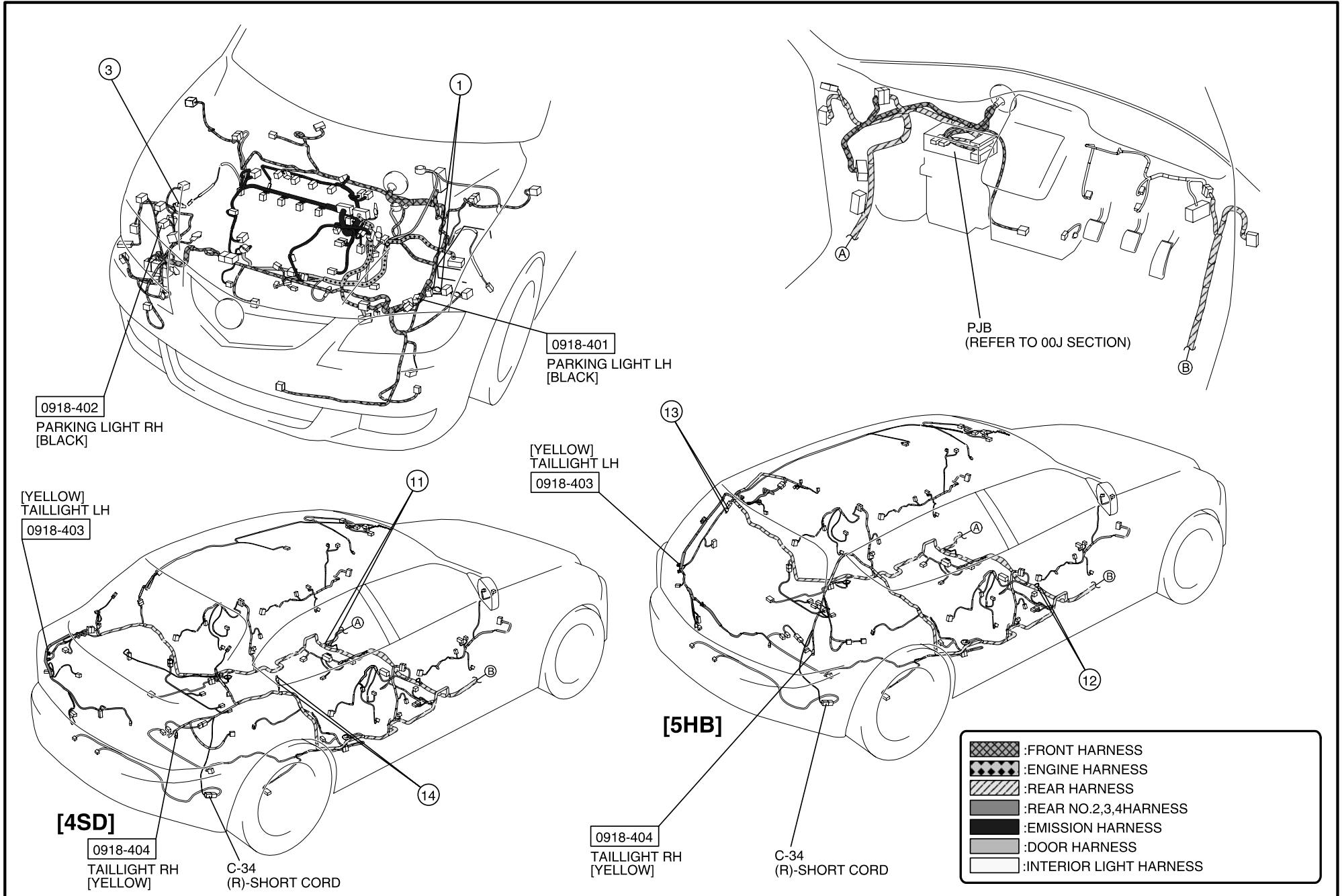
187



[ ] LED TYPE



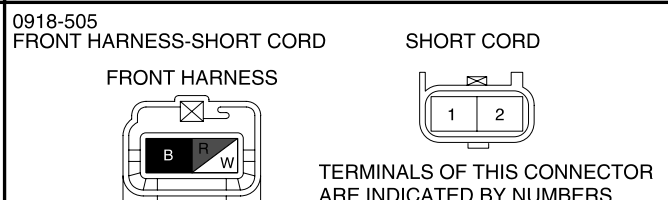
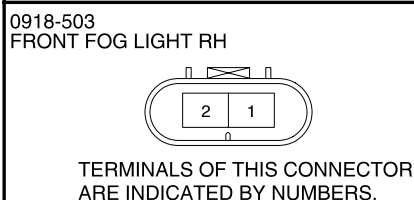
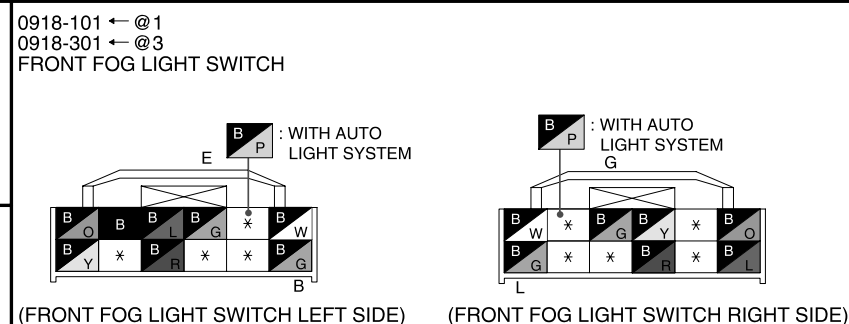
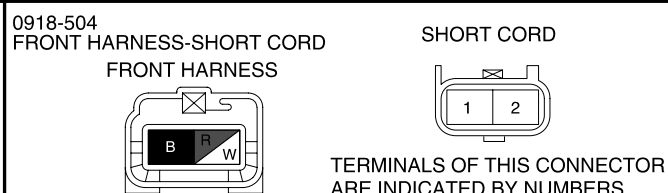
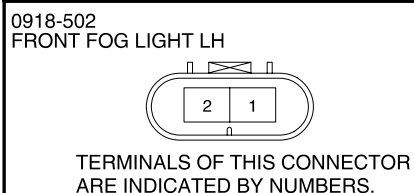
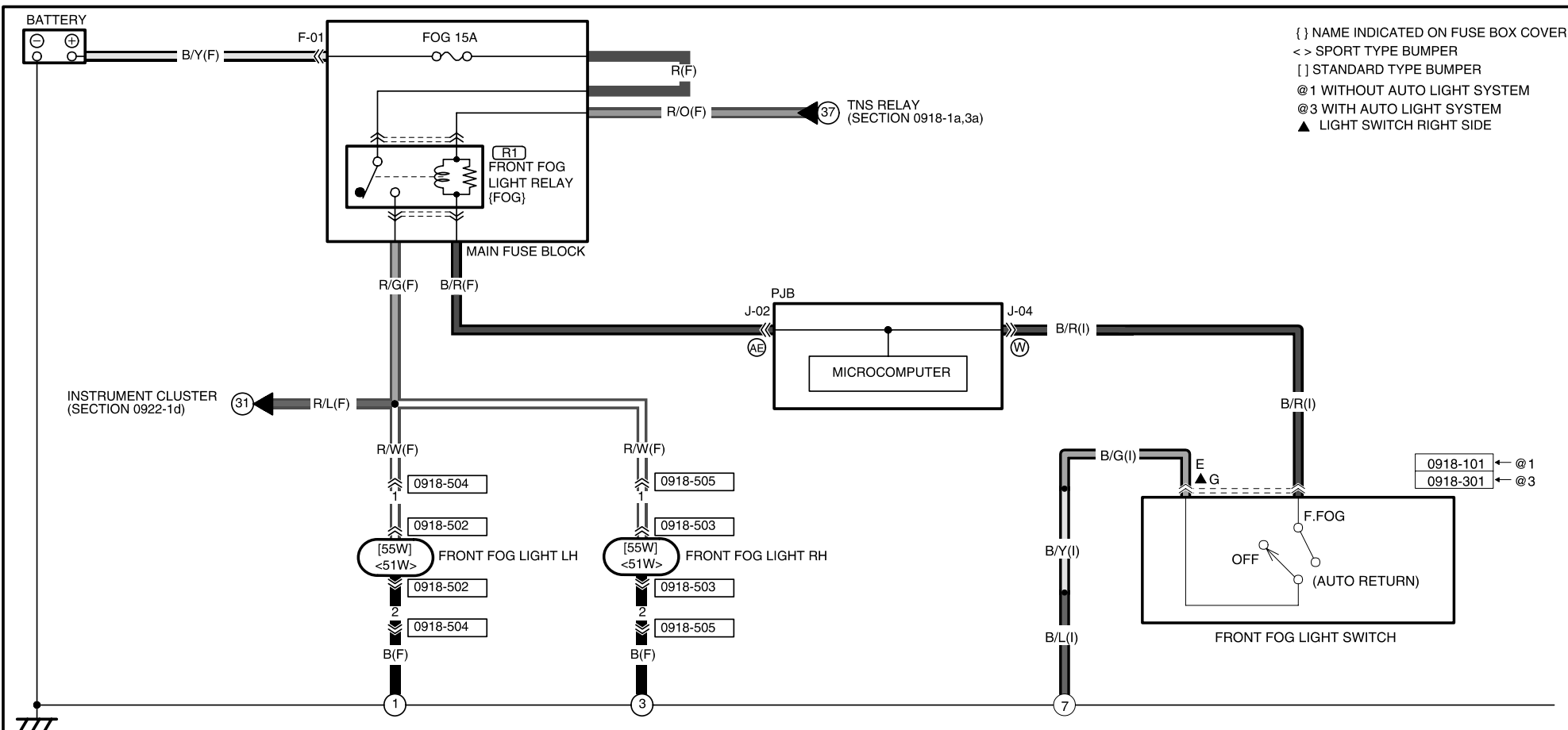
0918-401 PARKING LIGHT LH	0918-402 PARKING LIGHT RH	0918-403 TAILLIGHT LH	0918-404 TAILLIGHT RH	



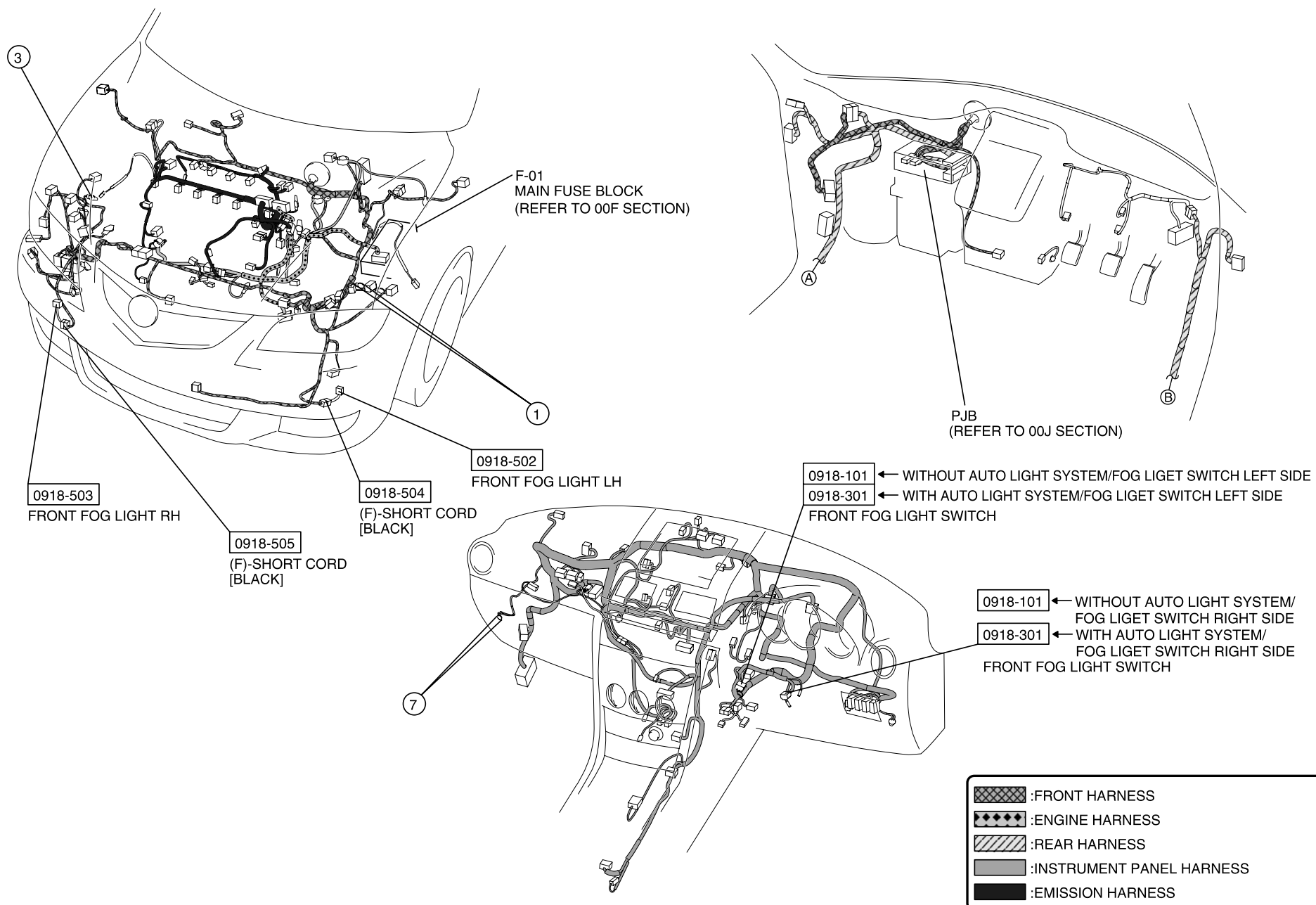
# FRONT FOG LIGHT

0918-5

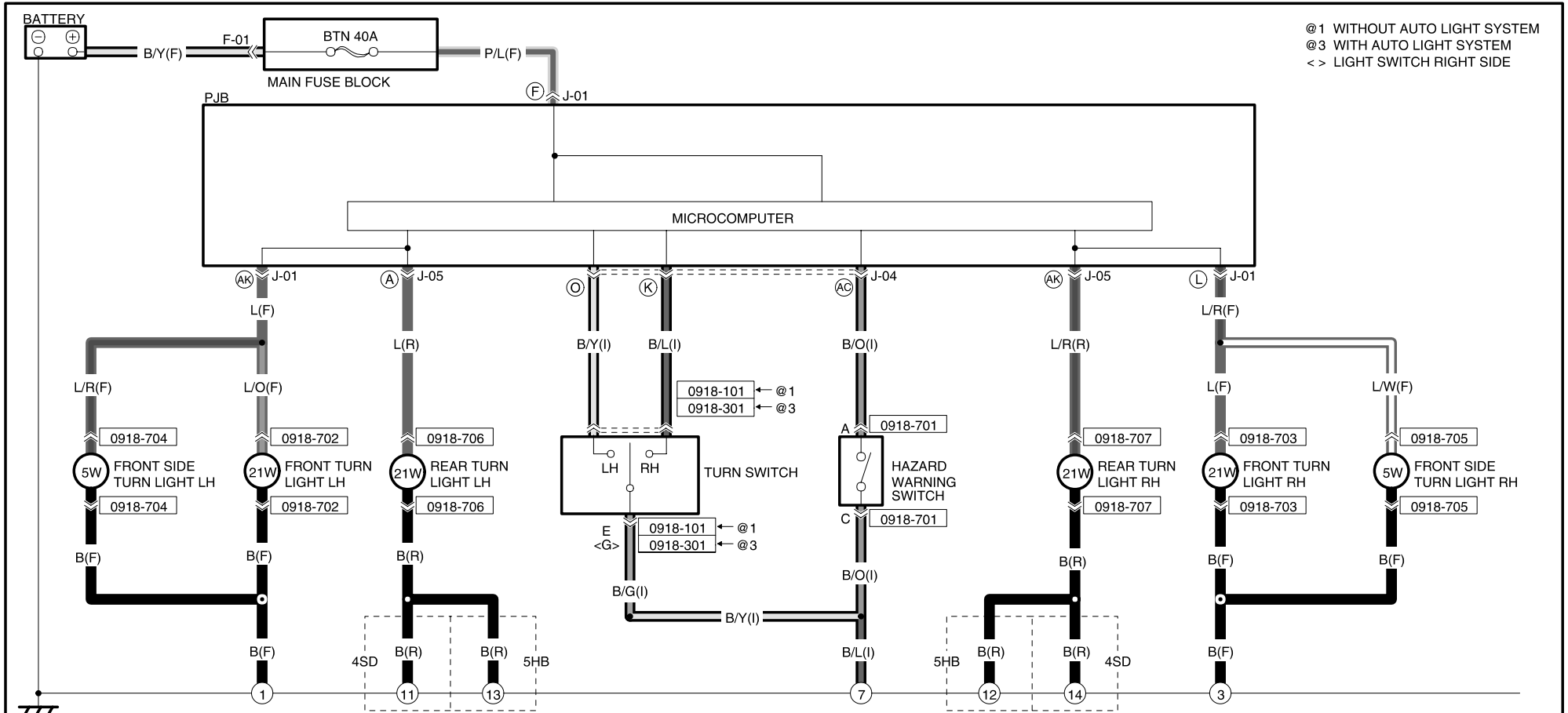
190



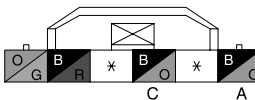
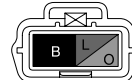
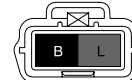
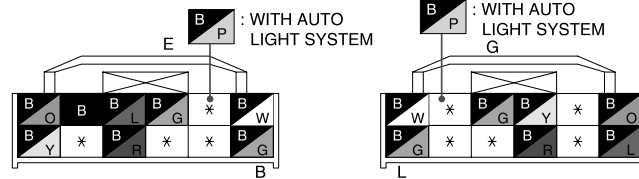
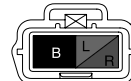
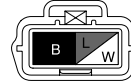
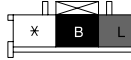
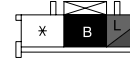
{ } NAME INDICATED ON FUSE BOX COVER  
< > SPORT TYPE BUMPER  
[ ] STANDARD TYPE BUMPER  
@1 WITHOUT AUTO LIGHT SYSTEM  
@3 WITH AUTO LIGHT SYSTEM  
▲ LIGHT SWITCH RIGHT SIDE



# TURN AND HAZARD WARNING LIGHT



@1 WITHOUT AUTO LIGHT SYSTEM  
 @3 WITH AUTO LIGHT SYSTEM  
 <> LIGHT SWITCH RIGHT SIDE

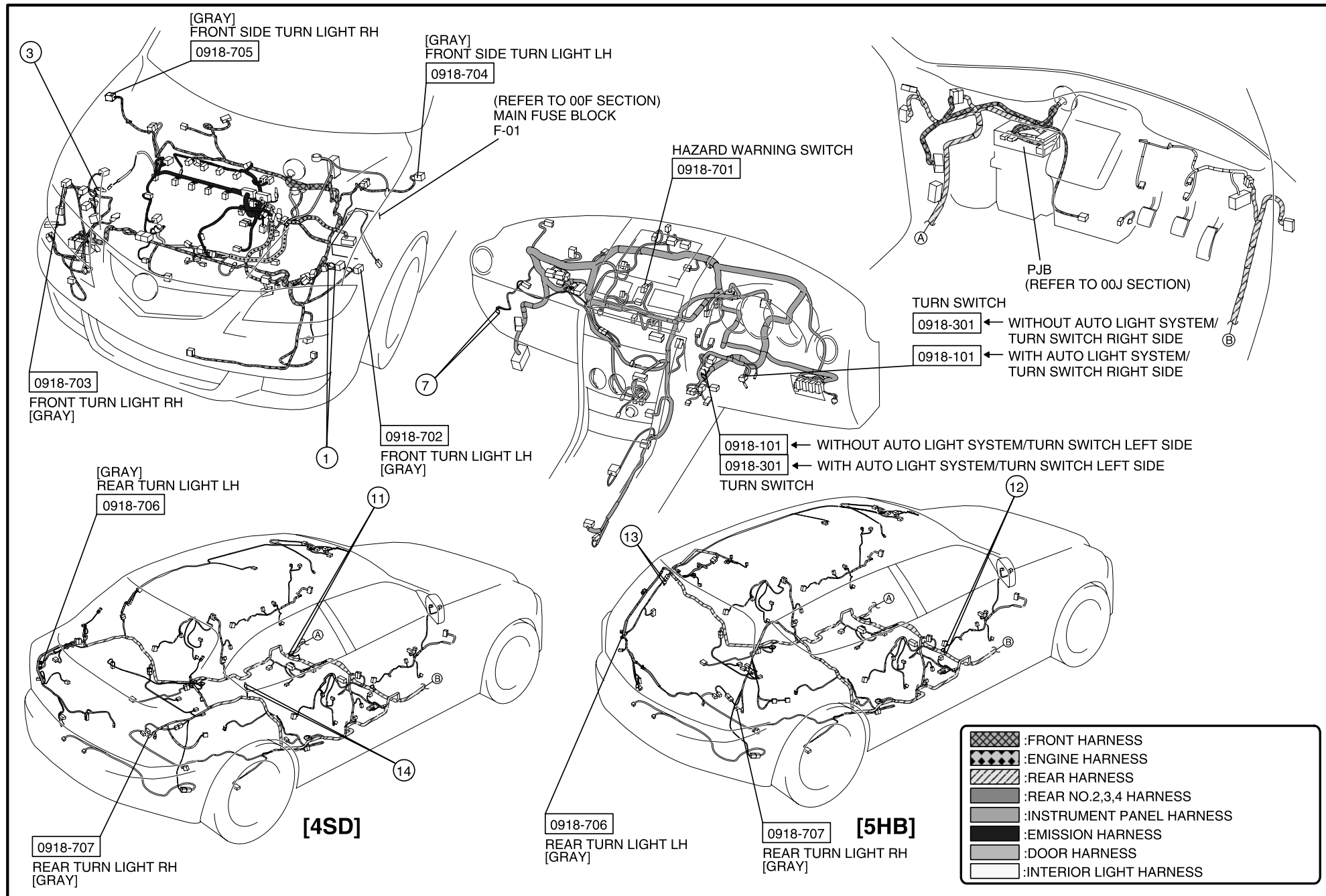
<p>0918-701 HAZARD WARNING SWITCH</p> 	<p>0918-702 FRONT TURN LIGHT LH</p> 	<p>0918-703 FRONT TURN LIGHT RH</p> 	<p>0918-101 ← @1 0918-301 ← @3 TURN SWITCH</p>  <p>(TURN SWITCH LEFT SIDE)      (TURN SWITCH RIGHT SIDE)</p>	
<p>0918-704 FRONT SIDE TURN LIGHT LH</p> 	<p>0918-705 FRONT SIDE TURN LIGHT RH</p> 	<p>0918-706 REAR TURN LIGHT LH</p> 	<p>0918-707 REAR TURN LIGHT RH</p> 	



# TURN AND HAZARD WARNING LIGHT

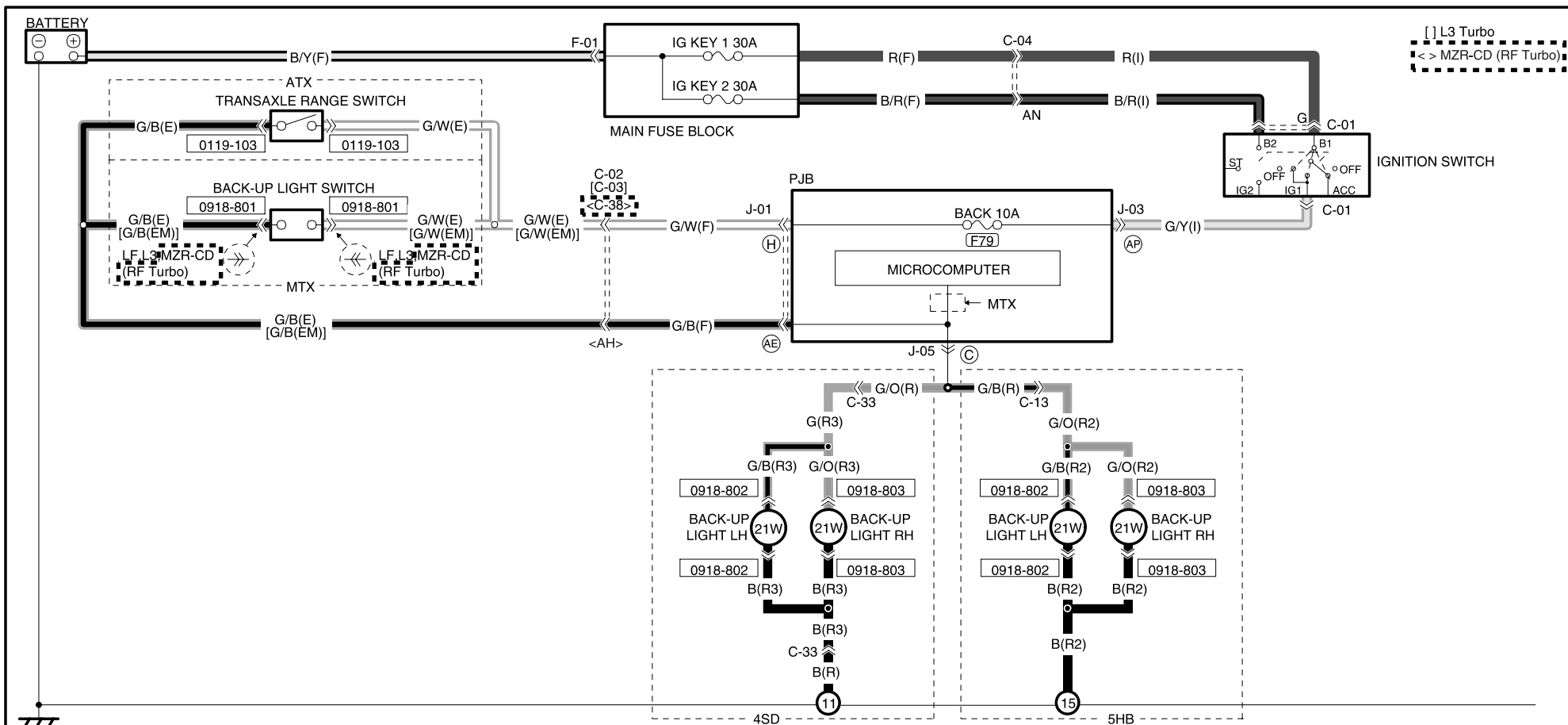
0918-7

193



# BACK-UP LIGHT

0918-8



Mazda3 Wiring Diagram (5672-1\*-06E)

<p>0918-801 BACK-UP LIGHT SWITCH</p> <p>(ENGINE HARNESS)</p> <p>(Z6,ZY)</p>	<p>0918-802 BACK-UP LIGHT LH</p>	<p>0918-803 BACK-UP LIGHT RH</p>	<p>0119-103 TRANSAXLE RANGE SWITCH</p> <p>C A</p>	

# BACK-UP LIGHT

0918-8

[Z6,ZY]

(REFER TO 00F SECTION)  
MAIN FUSE BLOCK  
F-01

0918-801

BACK-UP LIGHT SWITCH  
[GRAY]

0119-103

TRANSAXLE RANGE SWITCH

C-02  
(F)-(E)

[LF,L3]

(REFER TO 00F SECTION)  
MAIN FUSE BLOCK  
F-01

0918-801

BACK-UP LIGHT SWITCH  
[GRAY]

C-02  
(F)-(E)

(REFER TO 00F SECTION)  
MAIN FUSE BLOCK  
F-01

0918-801

BACK-UP LIGHT SWITCH  
[GRAY]

(F)-(EM)  
C-03

[L3 Turbo]

(REFER TO 00F SECTION)  
MAIN FUSE BLOCK  
F-01

[BLACK]  
(F)-(E)  
C-38

0918-801

BACK-UP LIGHT SWITCH  
[GRAY]

[MZR-CD(RF Turbo)]

C-04  
(F)-(I)  
[BLUE]

PJB  
(REFER TO 00J SECTION)

C-04  
(F)-(I)  
[BLUE]

IGNITION SWITCH  
C-01

(R)-(R2)  
C-13

(R)-(R3)  
C-33

[4SD]

0918-802

BACK-UP LIGHT LH  
[GRAY]

0918-803

BACK-UP LIGHT RH  
[GRAY]

11

0918-802

BACK-UP LIGHT LH  
[GRAY]

0918-803

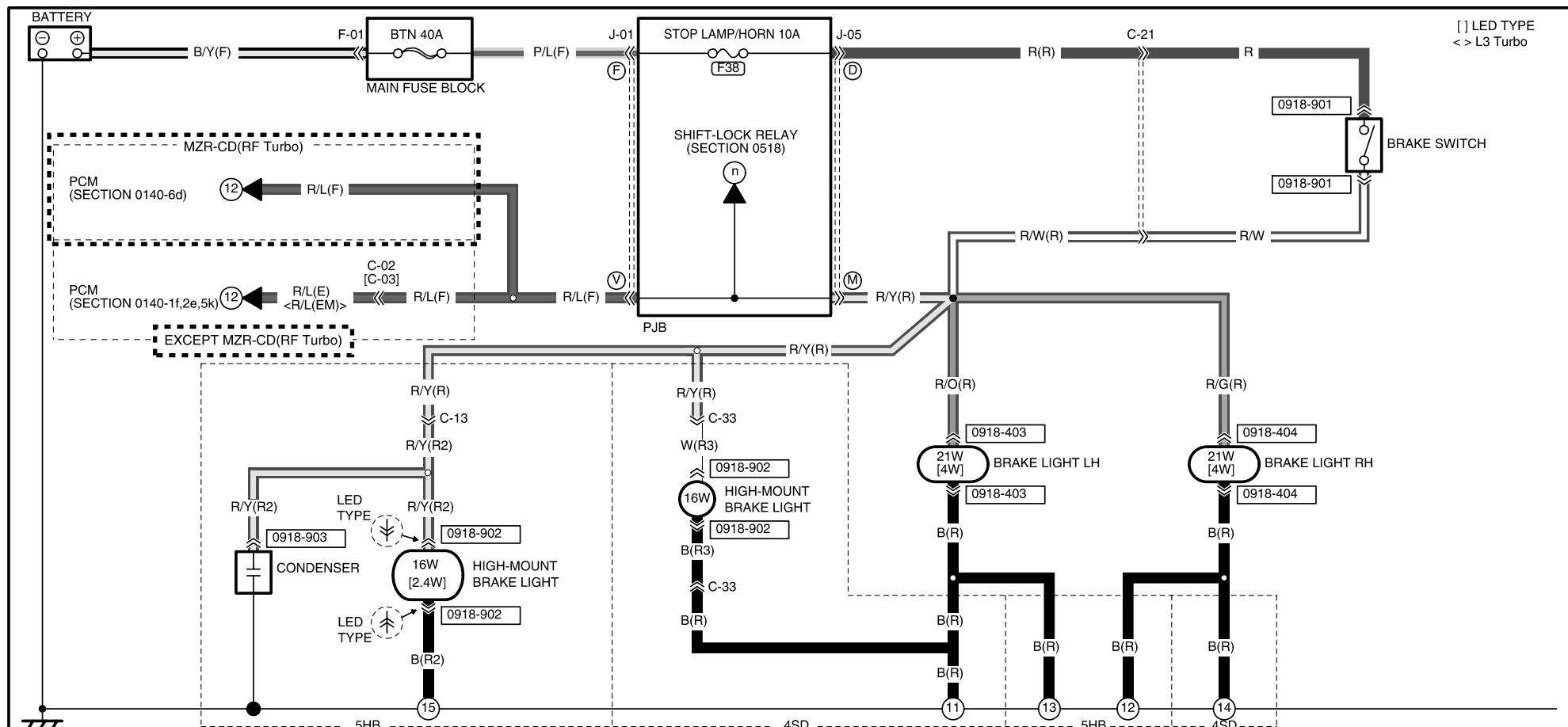
BACK-UP LIGHT RH  
[GRAY]

[5HB]

	:FRONT HARNESS
	:ENGINE HARNESS
	:REAR HARNESS
	:REAR NO.2,3,4 HARNESS
	:INSTRUMENT PANEL HARNESS
	:EMISSION HARNESS
	:DOOR HARNESS
	:INTERIOR LIGHT HARNESS
	:INJECTION HARNESS

# BRAKE LIGHT/HIGH-MOUNT BRAKE LIGHT

0918-9

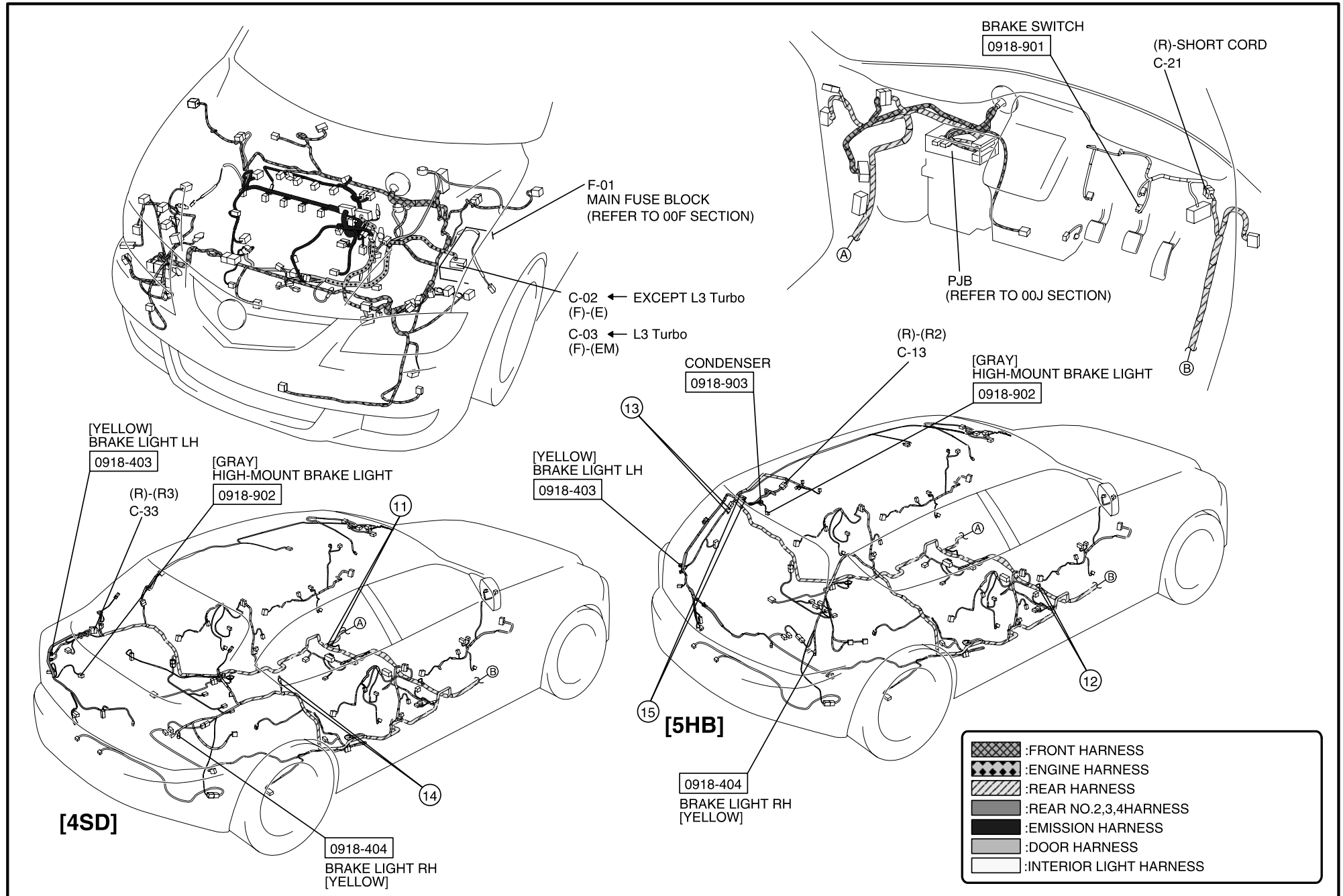


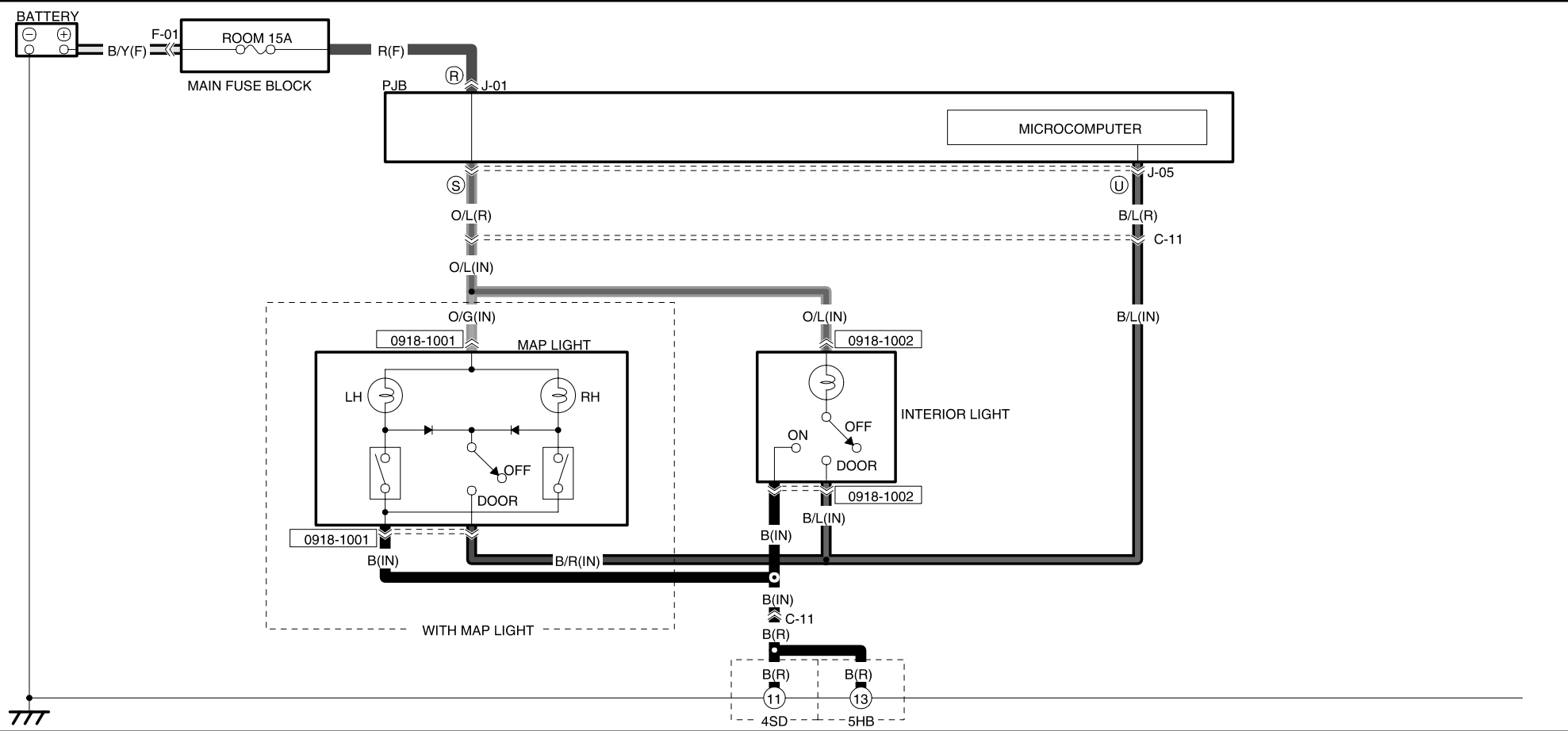
196

Revised 6/2007 (Ref. No. L095/07)

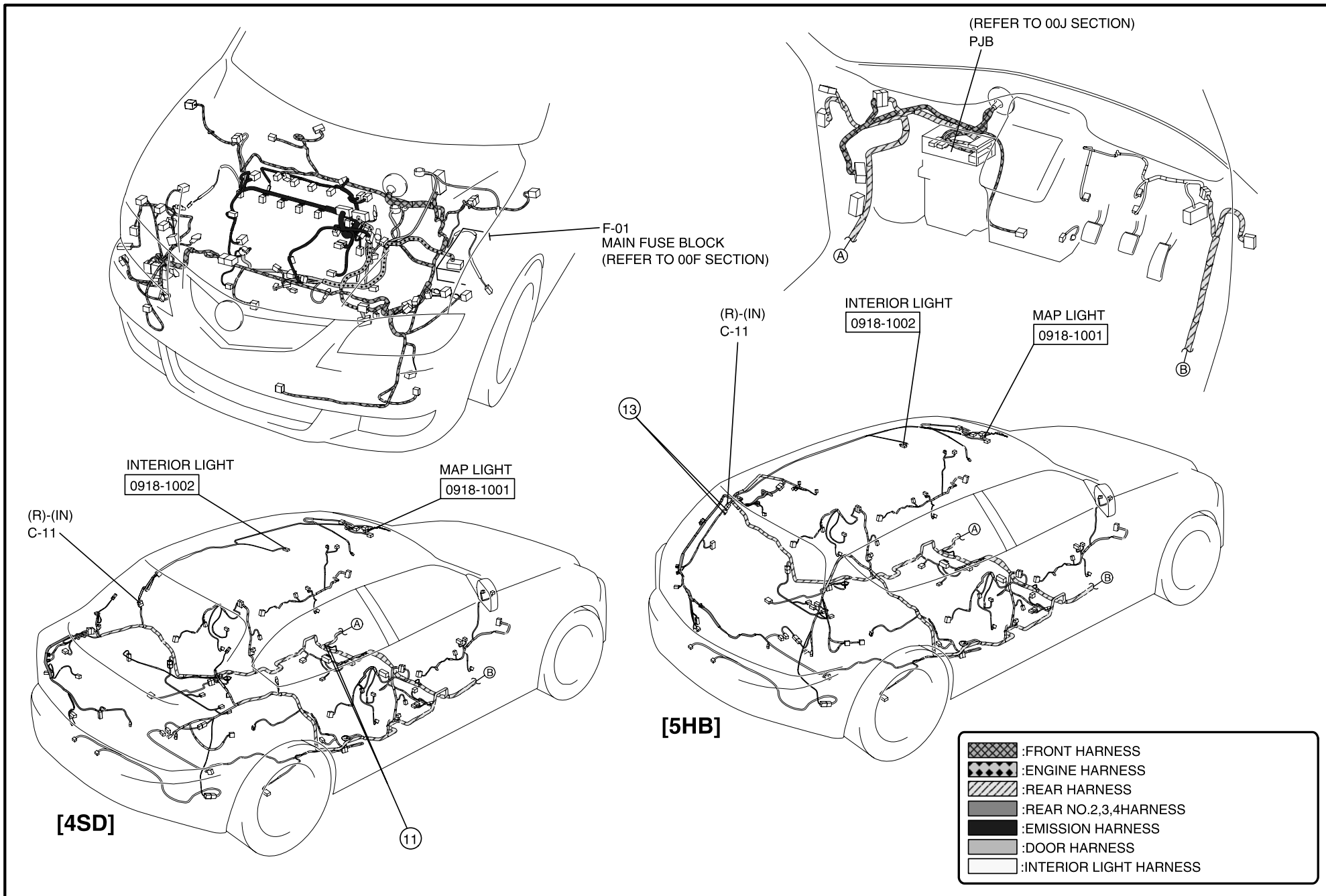
Mazda3 Wiring Diagram (5672-1\*-06E)

0918-901 BRAKE SWITCH 	0918-902 HIGH-MOUNT BRAKE LIGHT (REAR NO.3 HARNESS) (4SD)	(REAR NO.2 HARNESS) (LED TYPE)  (5HB) (BULB TYPE)	0918-903 CONDENSER 		
0918-403 BRAKE LIGHT LH 	0918-404 BRAKE LIGHT RH 				



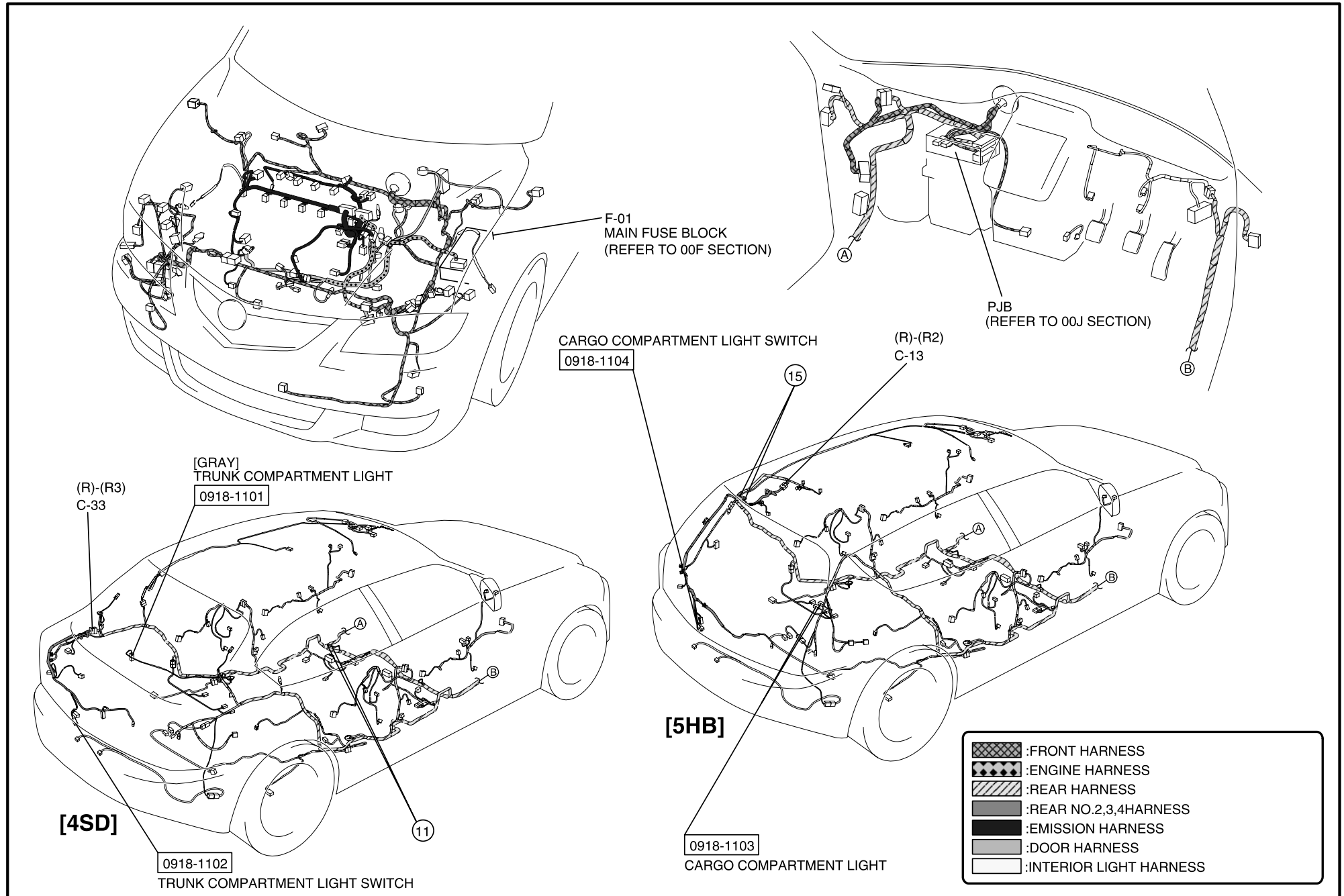


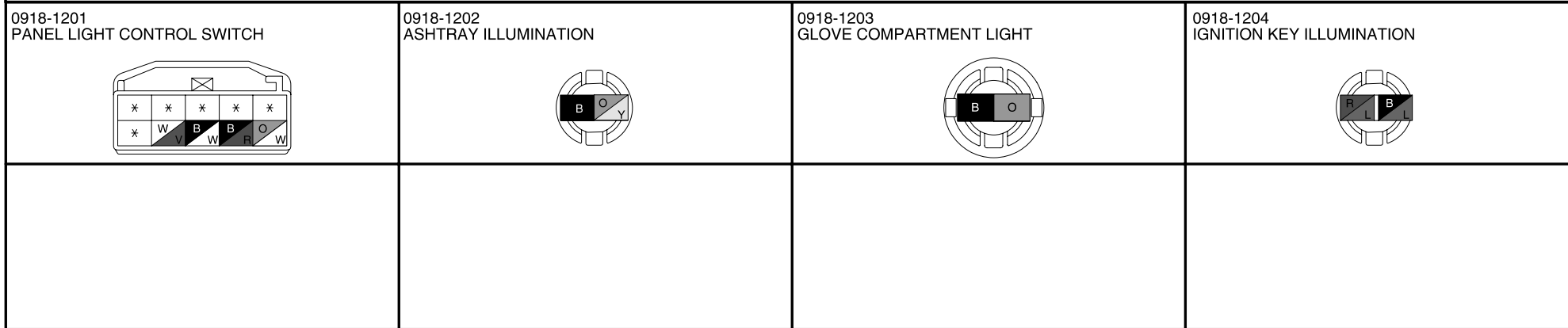
0918-1001 MAP LIGHT	0918-1002 INTERIOR LIGHT		

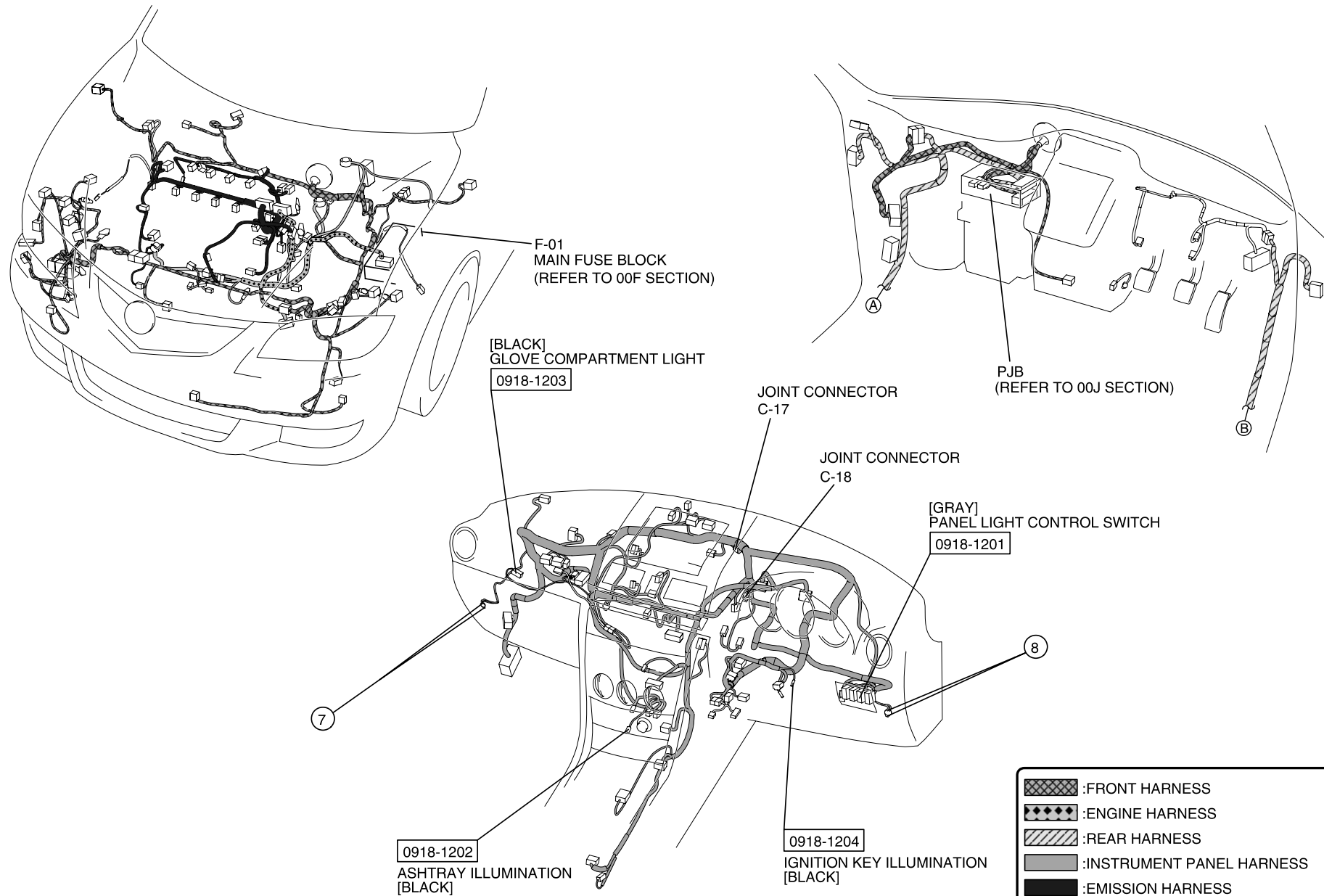


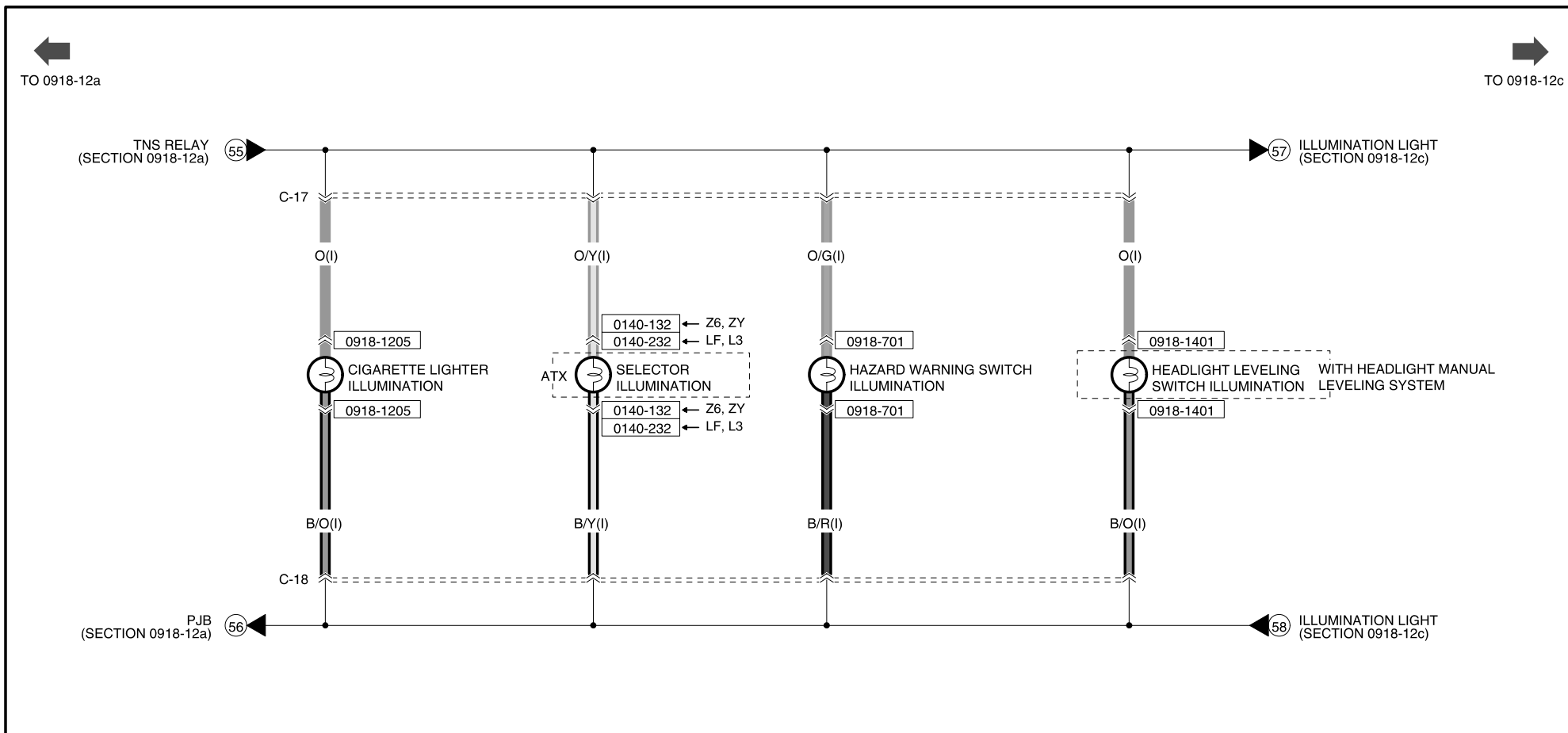


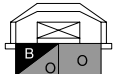
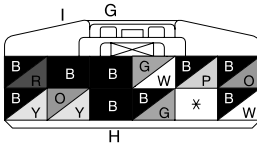
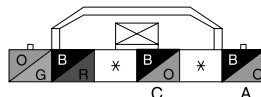
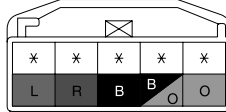


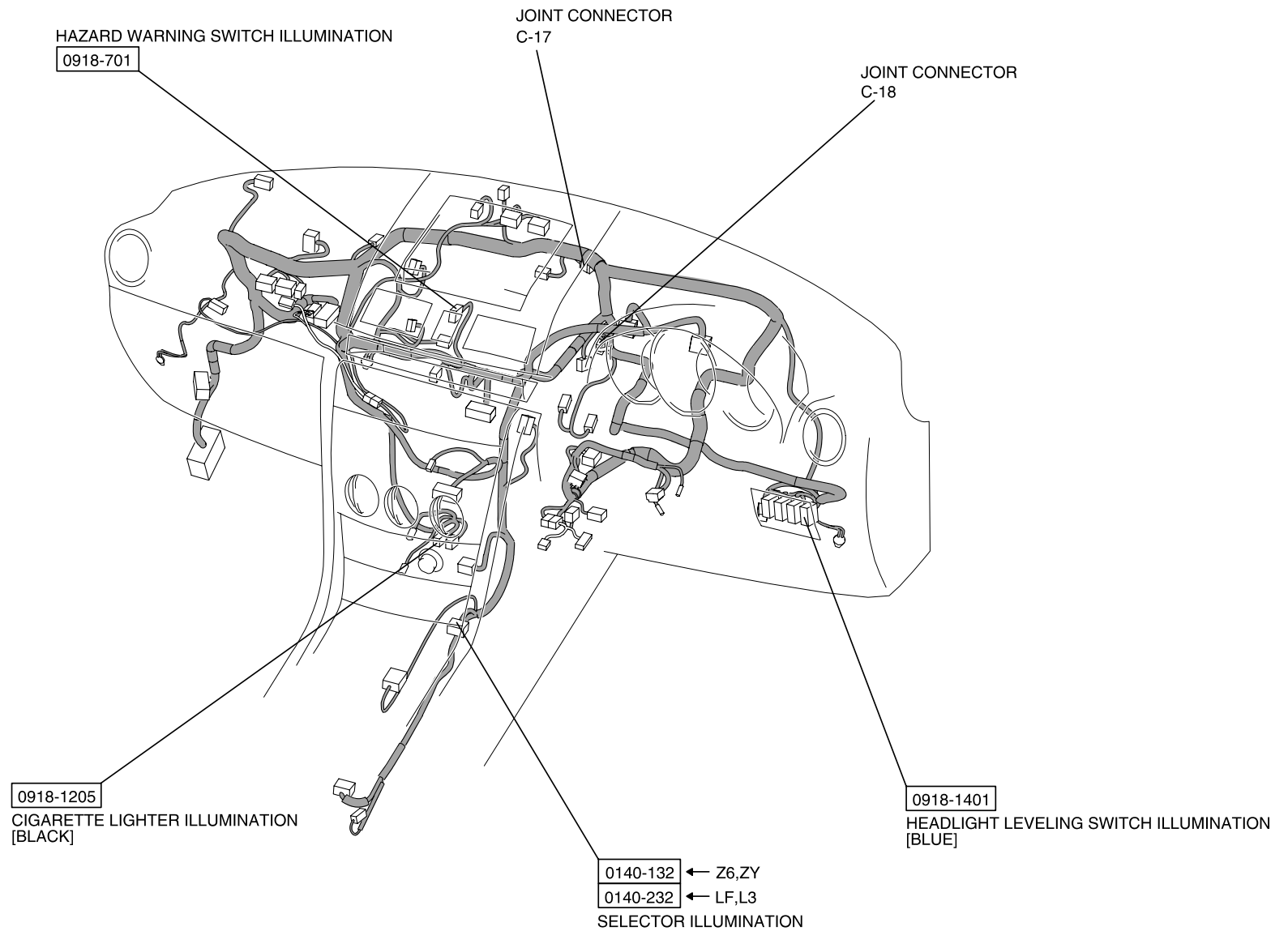








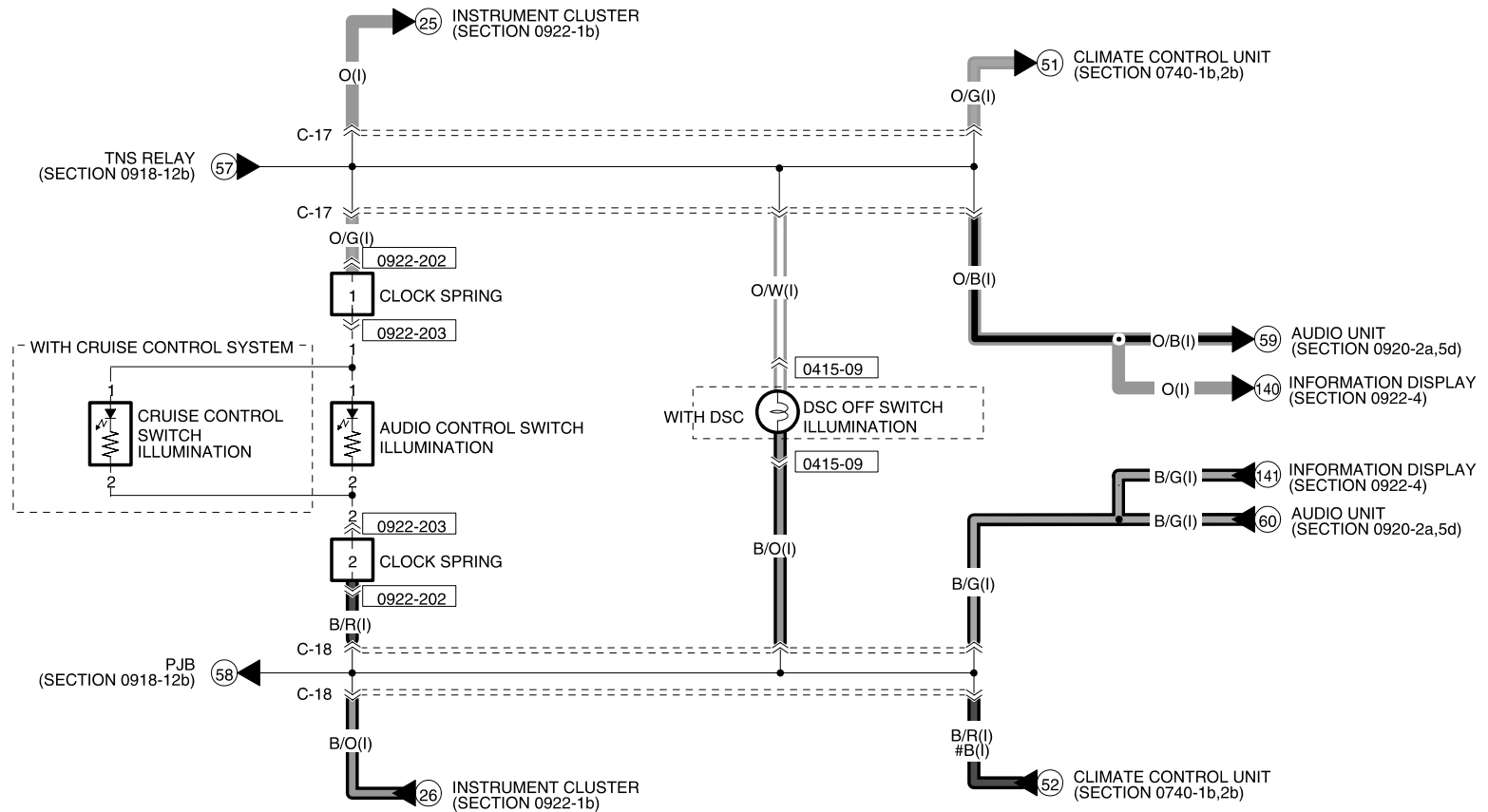
<p>0918-1205 CIGARETTE LIGHTER ILLUMINATION</p> 	<p>0140-132 ← Z6, ZY 0140-232 ← LF, L3 SELECTOR ILLUMINATION</p> 	<p>0918-701 HAZARD WARNING SWITCH ILLUMINATION</p> 	<p>0918-1401 HEADLIGHT LEVELING SWITCH ILLUMINATION</p> 



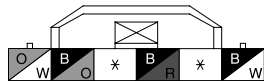
 :INSTRUMENT PANEL HARNESS

# WITH AUTO A/C

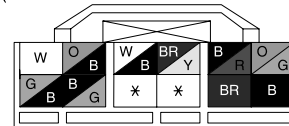
←  
TO 0918-12b



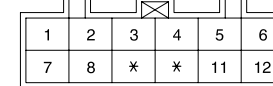
0415-09  
DSC OFF SWITCH ILLUMINATION



0922-202  
INSTRUMENT PANEL HARNESS-CLOCK SPRING  
(INSTRUMENT PANEL HARNESS)

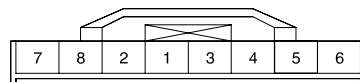


(CLOCK SPRING)

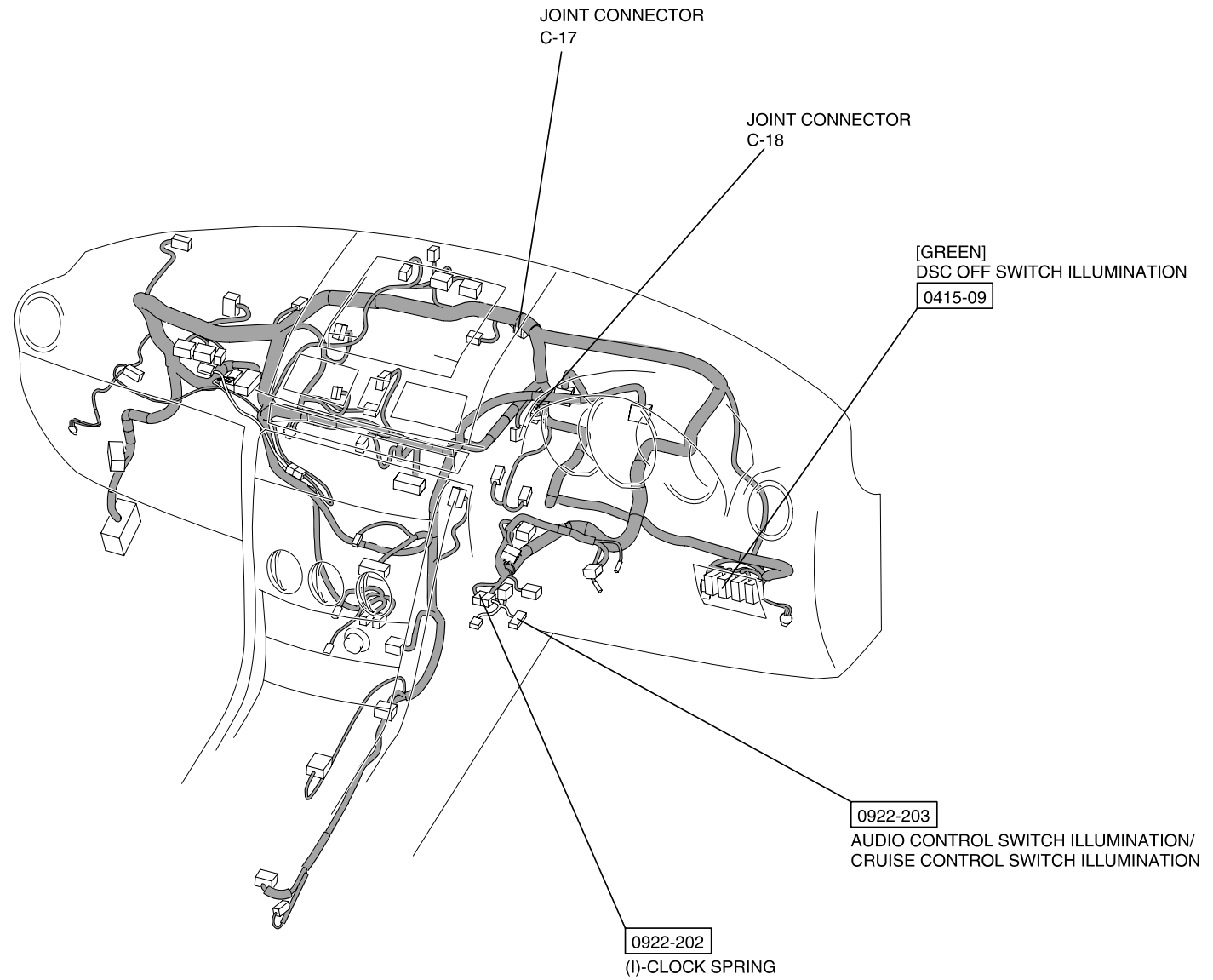


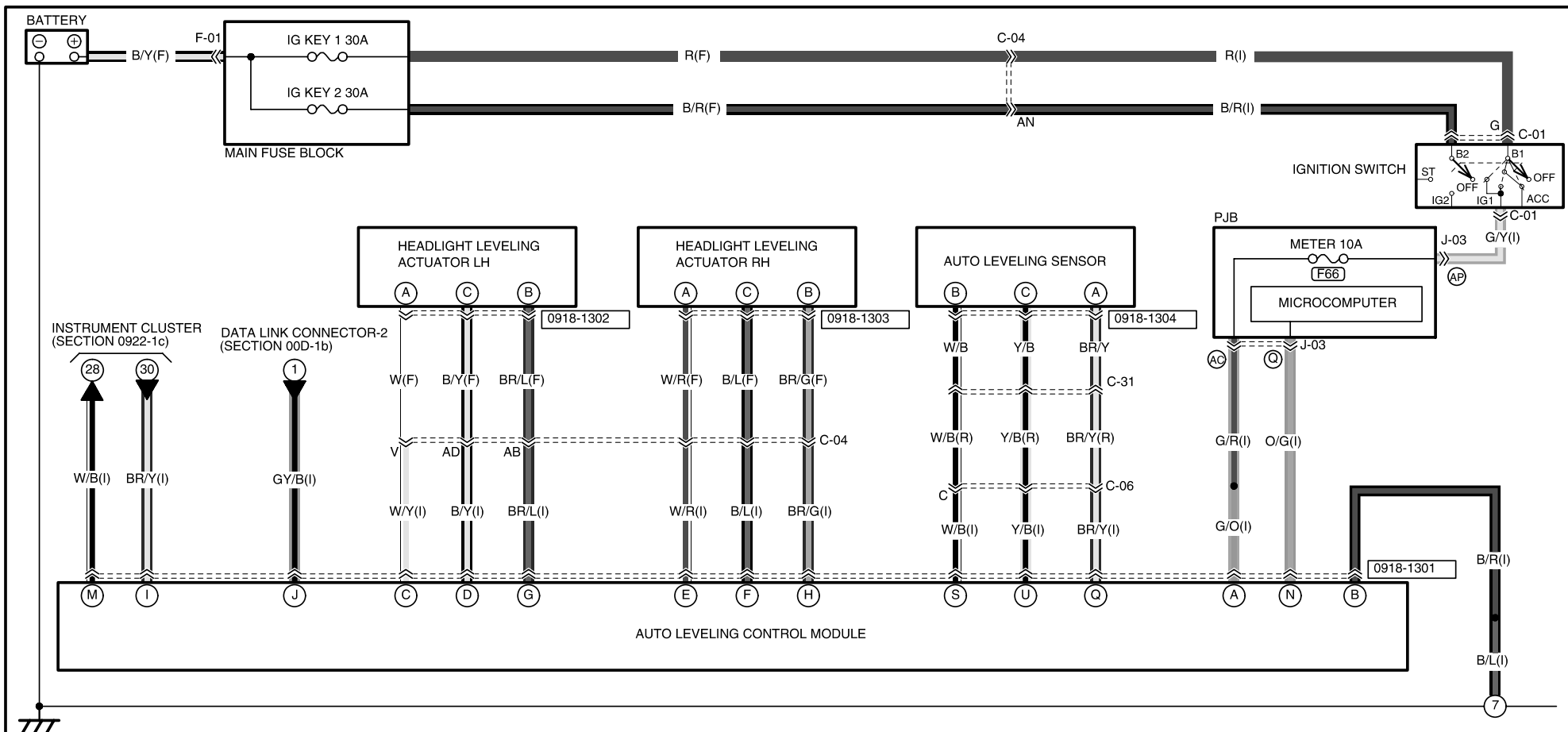
TERMINALS OF THIS CONNECTOR  
ARE INDICATED BY NUMBERS.

0922-203  
AUDIO CONTROL SWITCH ILLUMINATION/CRUISE CONTROL SWITCH ILLUMINATION

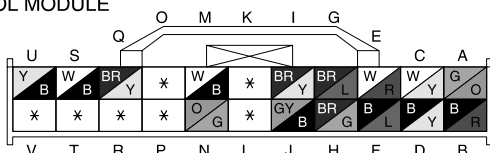


TERMINALS OF THIS CONNECTOR  
ARE INDICATED BY NUMBERS.

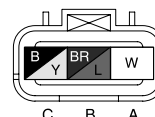




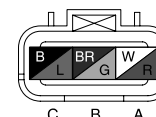
0918-1301  
AUTO LEVELING CONTROL MODULE



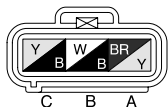
0918-1302  
HEADLIGHT LEVELING ACTUATOR LH



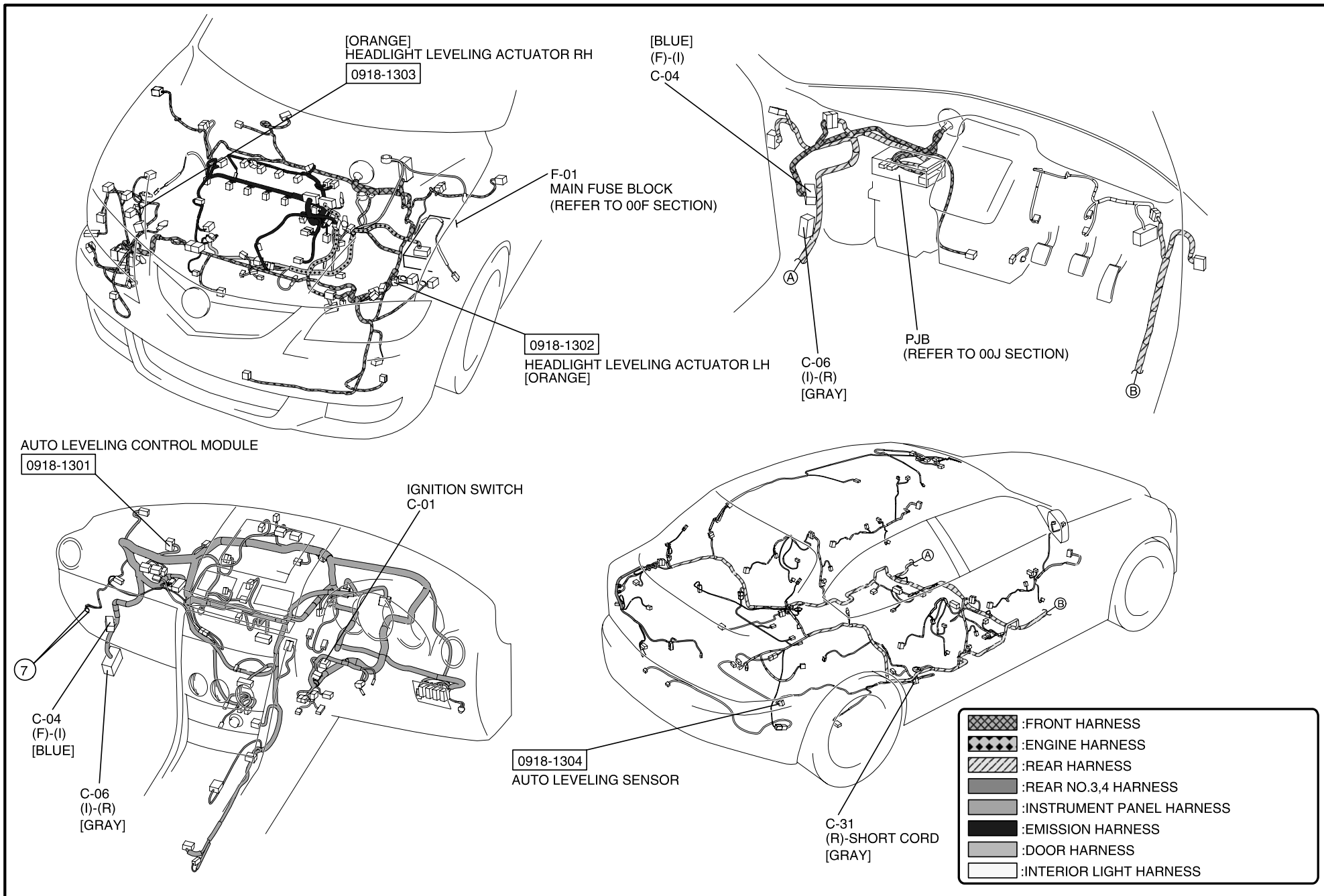
0918-1303  
HEADLIGHT LEVELING ACTUATOR RH

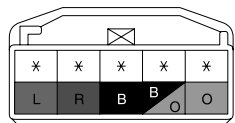
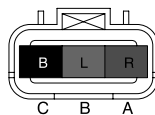
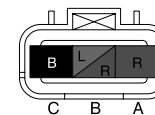


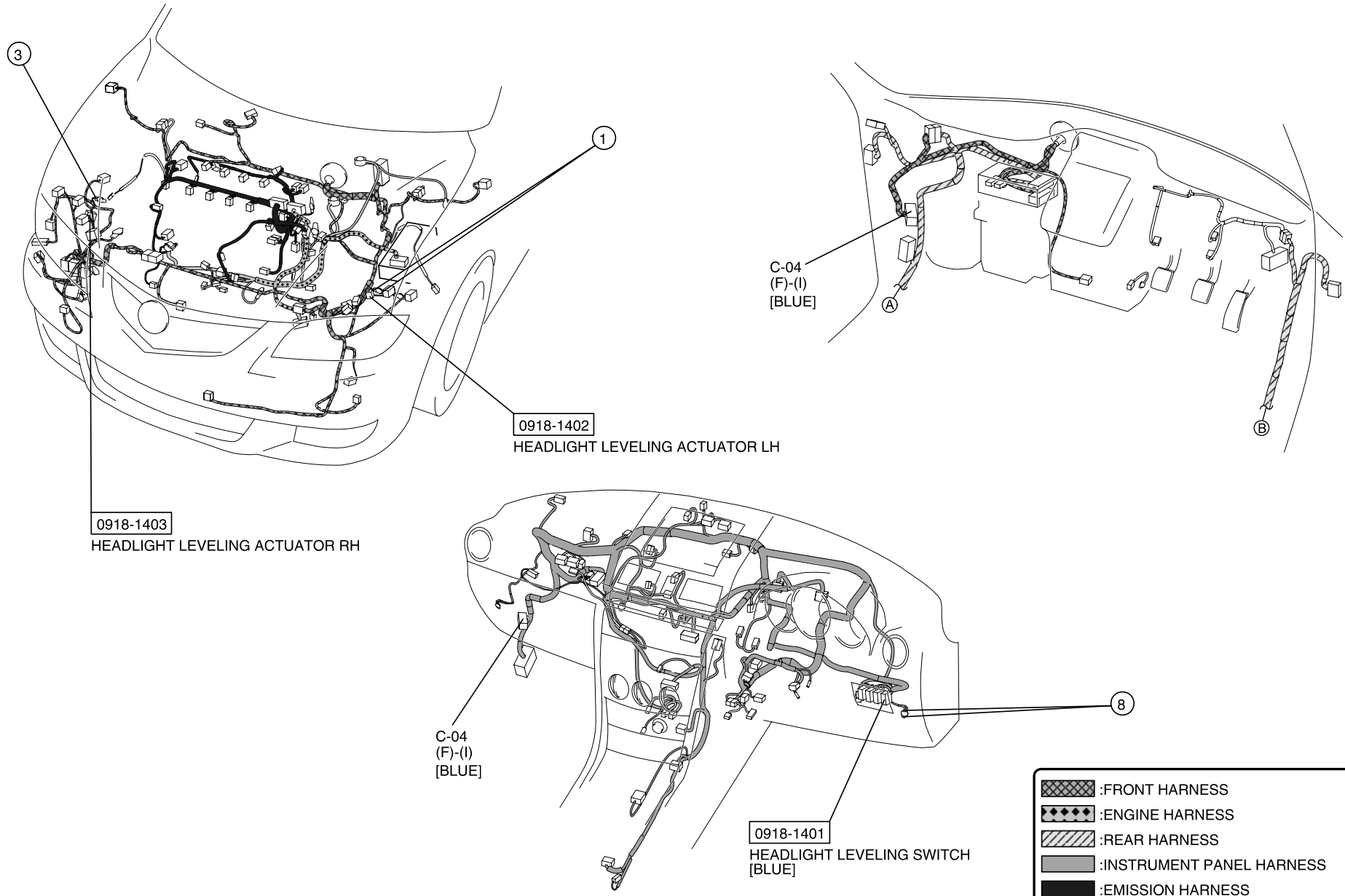
0918-1304  
AUTO LEVELING SENSOR



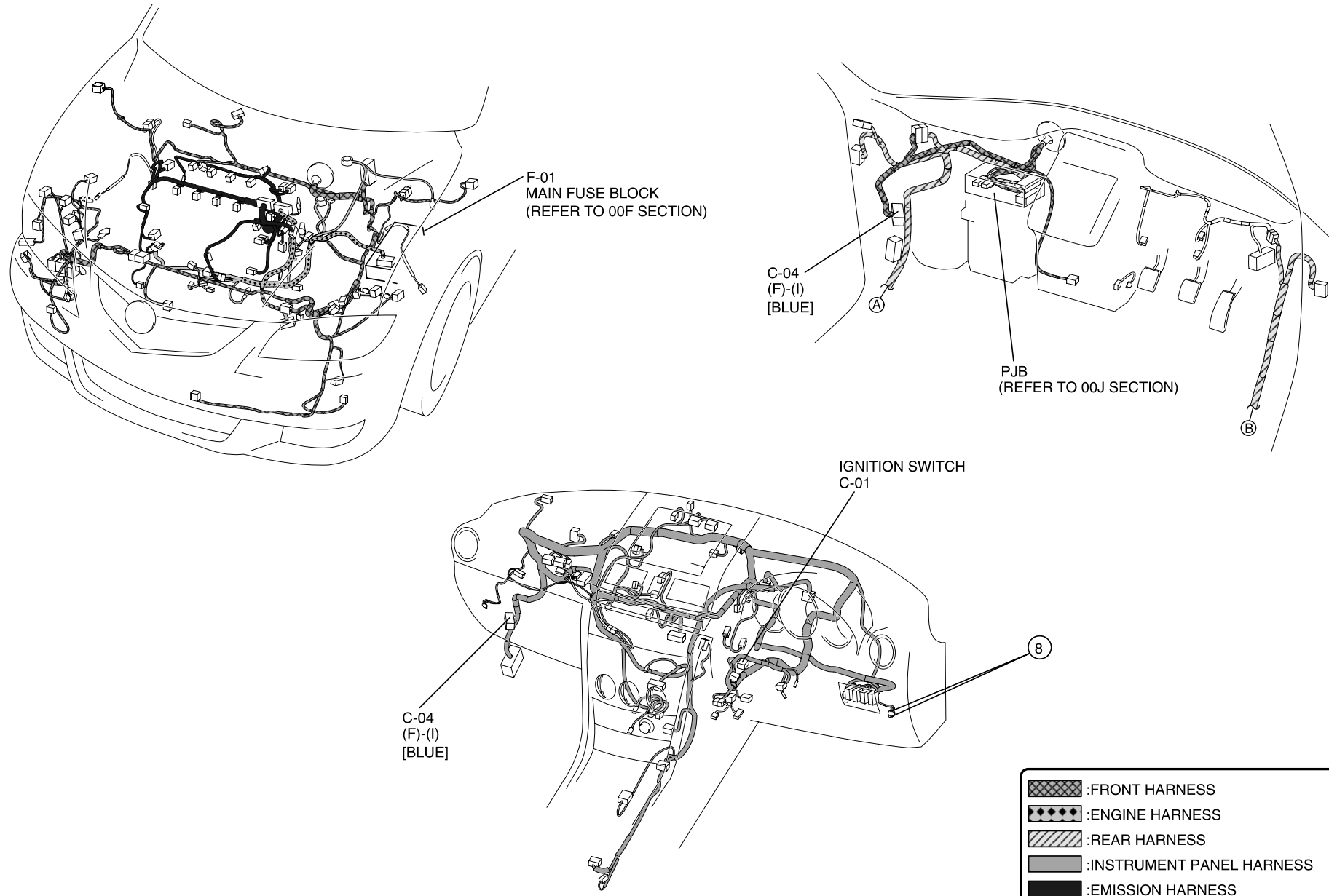


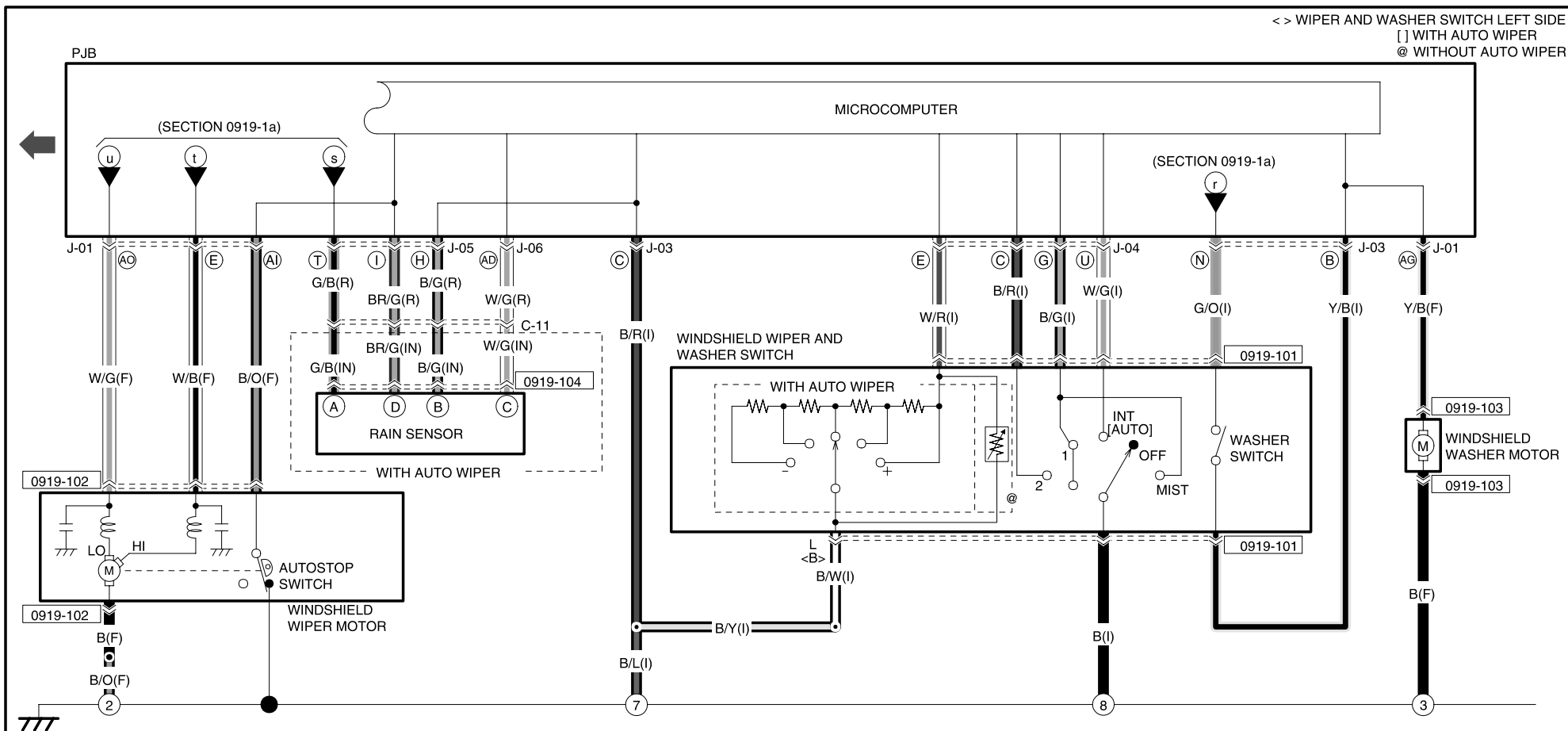


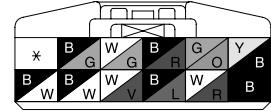
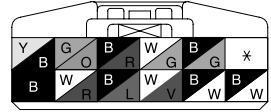
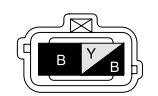
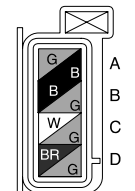
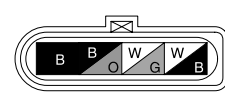
0918-1402  
HEADLIGHT LEVELING ACTUATOR LH0918-1403  
HEADLIGHT LEVELING ACTUATOR RH

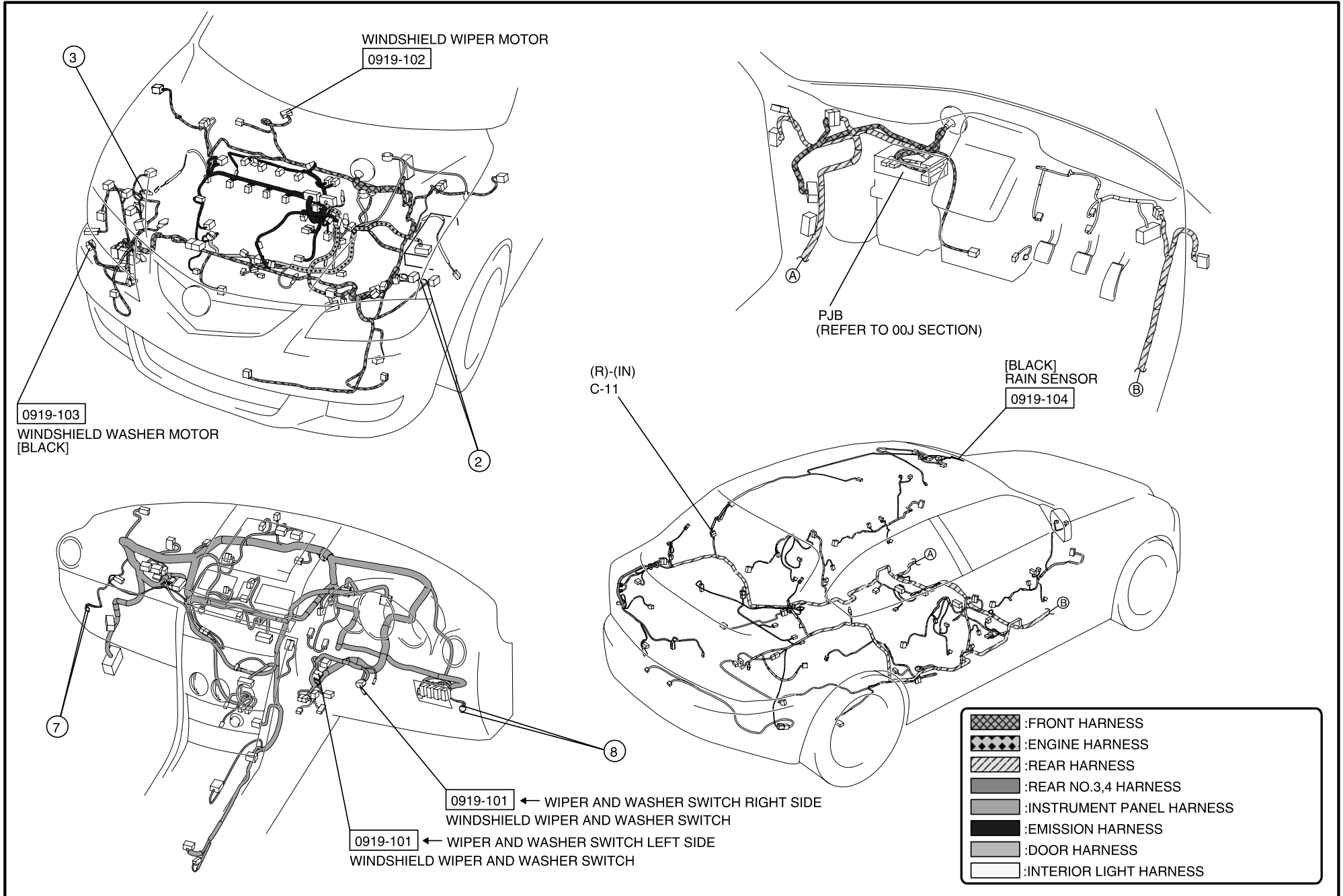








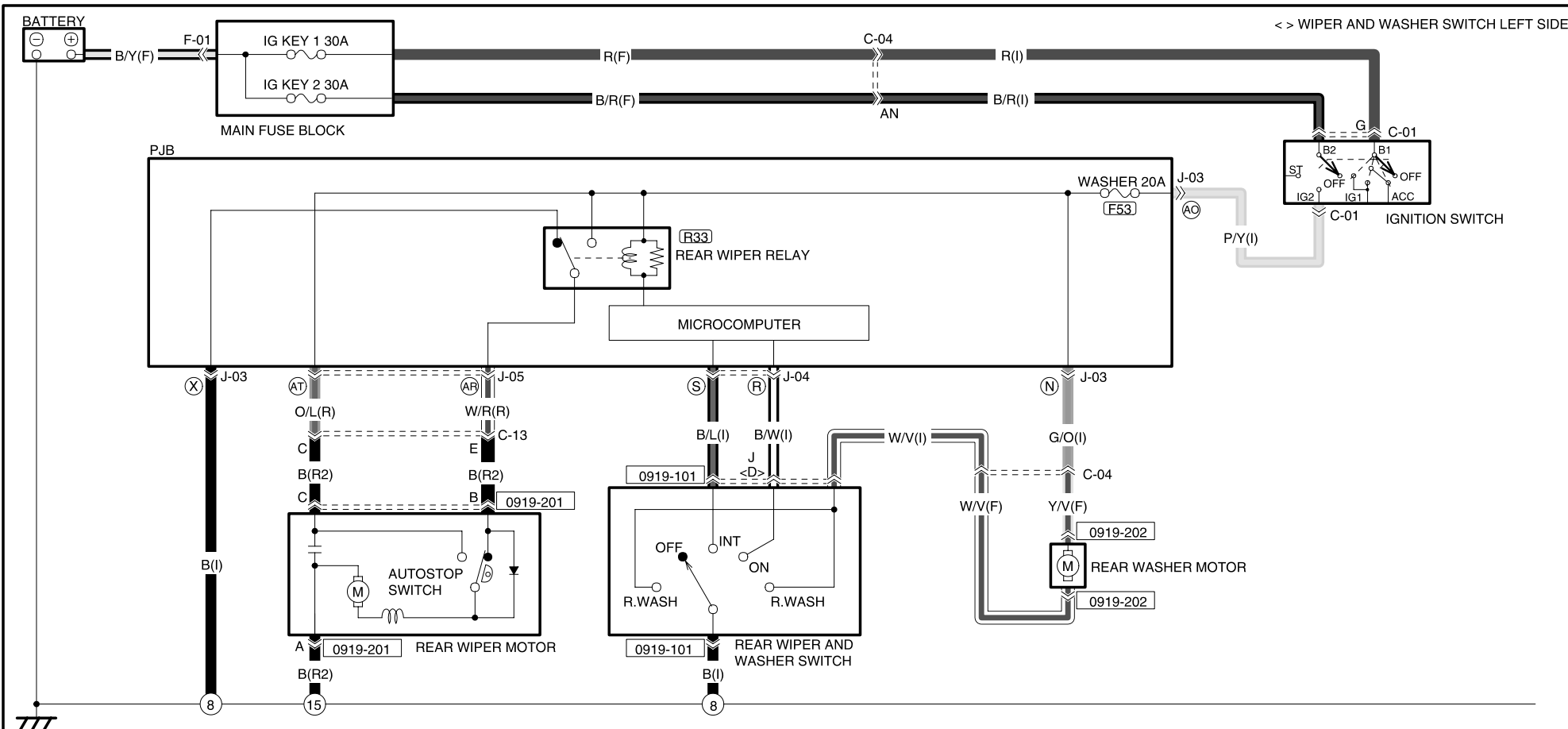
<p>0919-101 WINDSHIELD WIPER AND WASHER SWITCH</p> <div style="display: flex; justify-content: space-around;">   </div> <p>(WIPER AND WASHER SWITCH RIGHT SIDE)      (WIPER AND WASHER SWITCH LEFT SIDE)</p>	<p>0919-103 WINDSHIELD WASHER MOTOR</p> 	<p>0919-104 RAIN SENSOR</p> 
<p>0919-102 WINDSHIELD WIPER MOTOR</p> 		



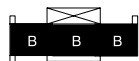
# REAR WIPER AND WASHER

0919-2

216



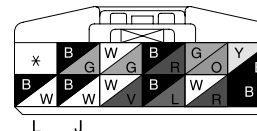
0919-201  
REAR WIPER MOTOR



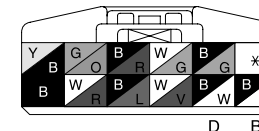
0919-202  
REAR WASHER MOTOR



0919-101  
REAR WIPER AND WASHER SWITCH



(WIPER AND WASHER SWITCH RIGHT SIDE)



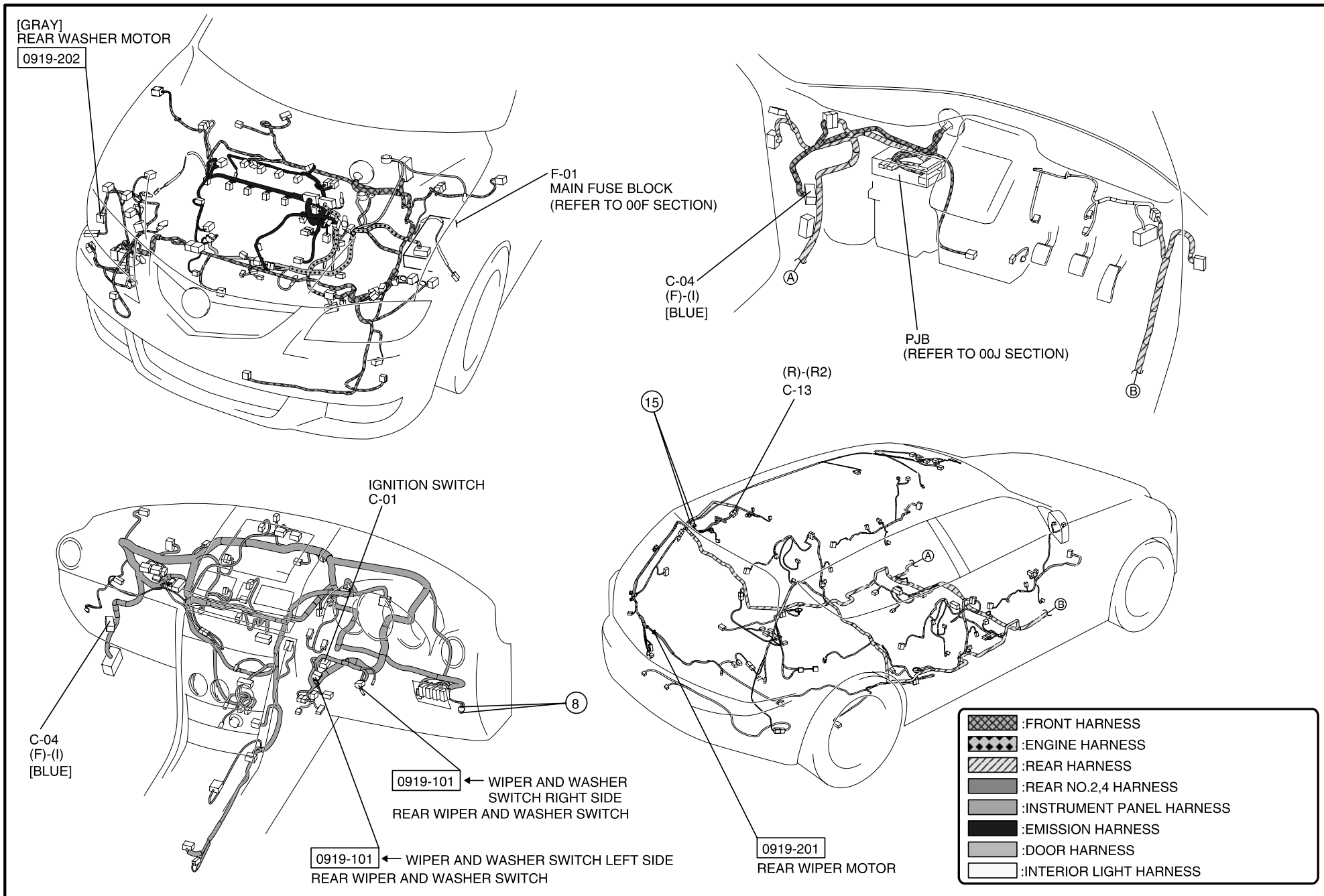
(WIPER AND WASHER SWITCH LEFT SIDE)

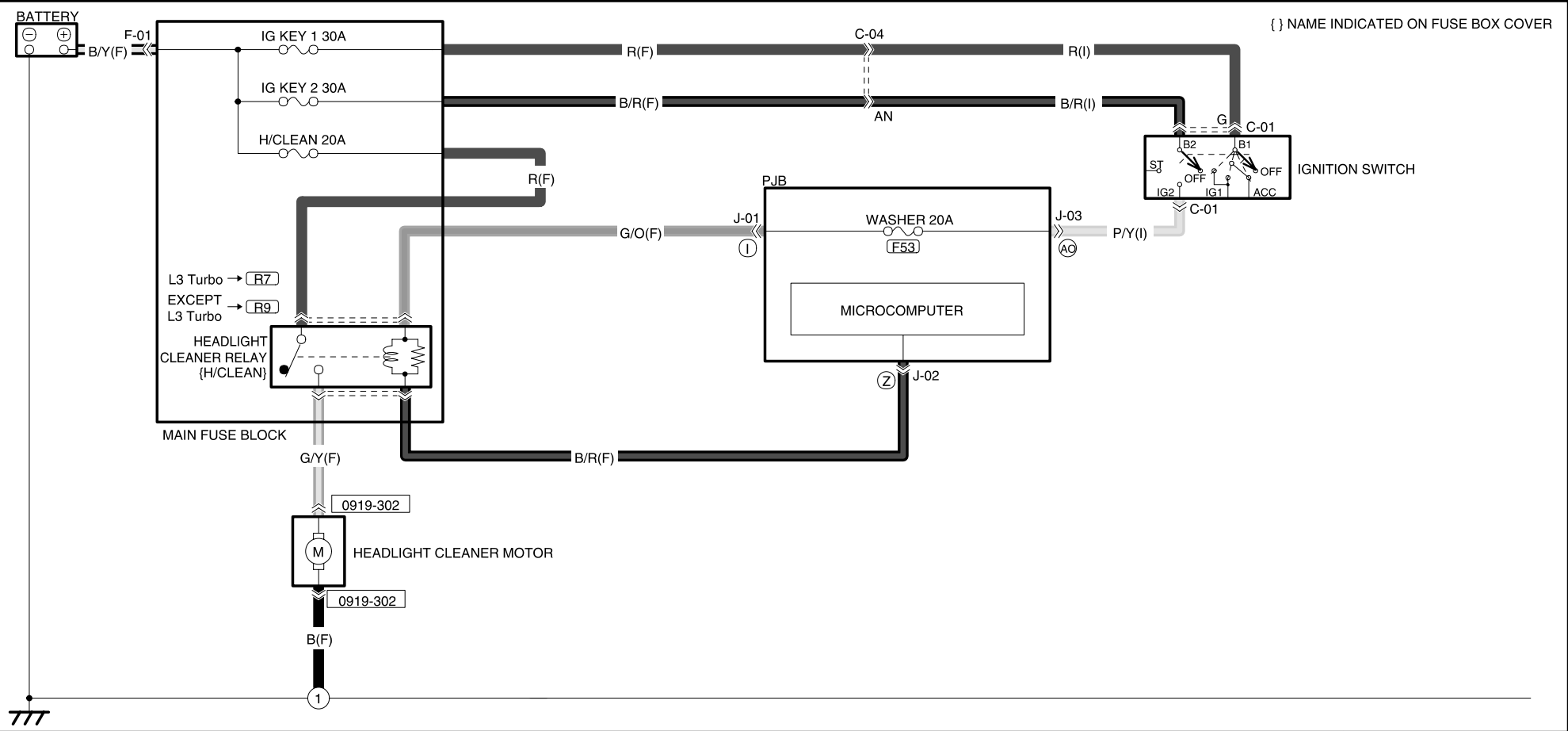


# REAR WIPER AND WASHER

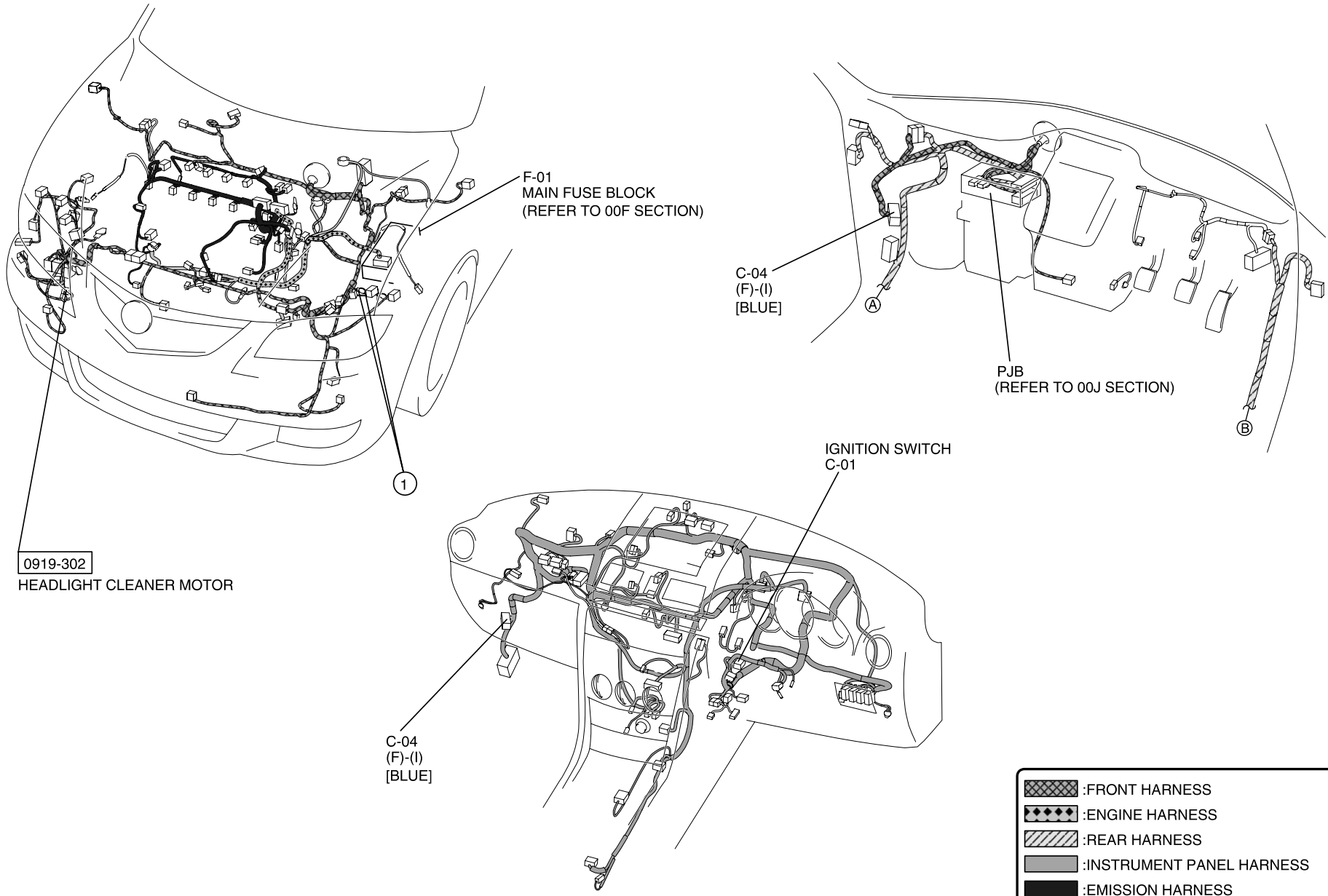
0919-2

217

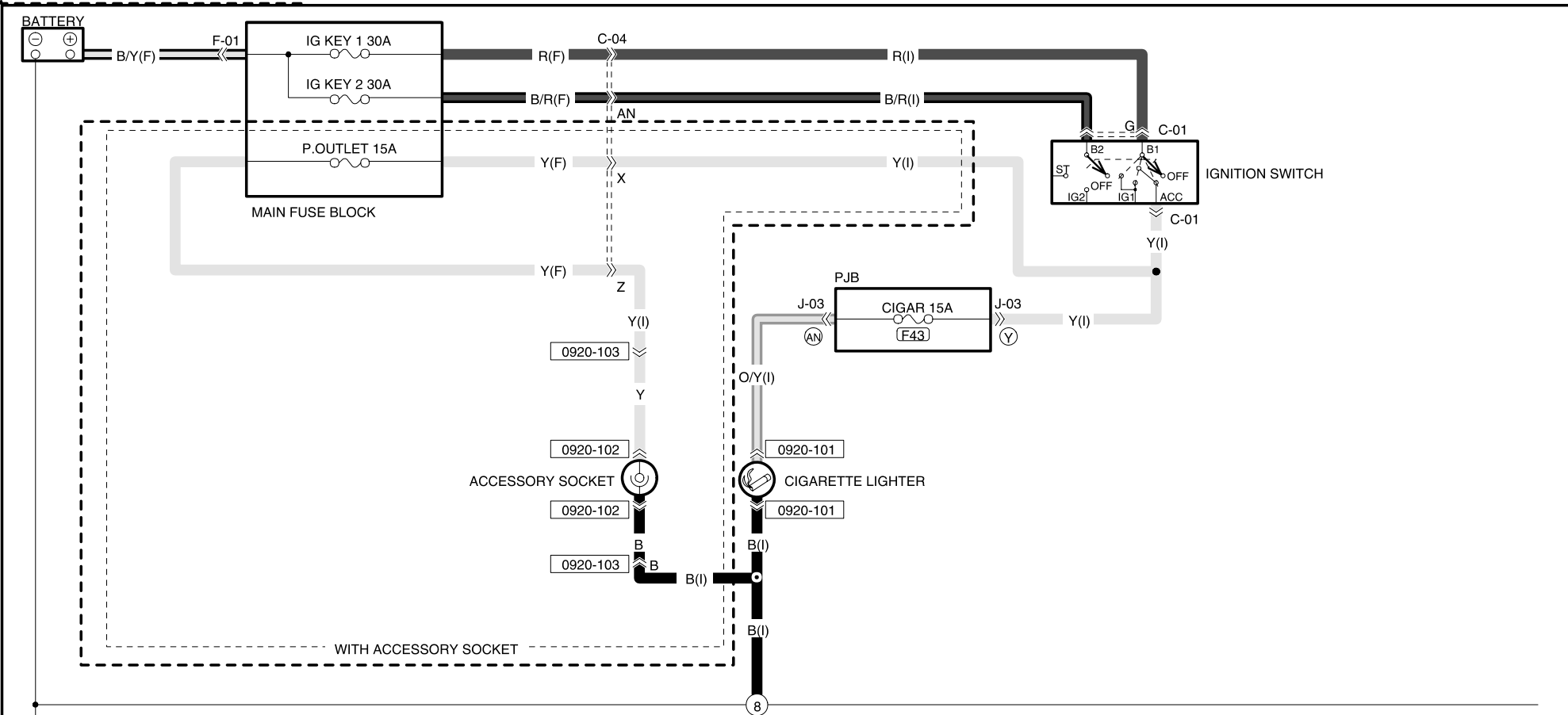




0919-302 HEADLIGHT CLEANER MOTOR					



ACCESSORY SOCKET /CIGARETTE LIGHTER



Mazda3 Wiring Diagram (5672-1\*-06E)

220

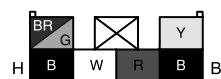
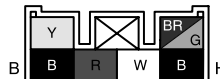
0920-101  
CIGARETTE LIGHTER



0920-102  
ACCESSORY SOCKET

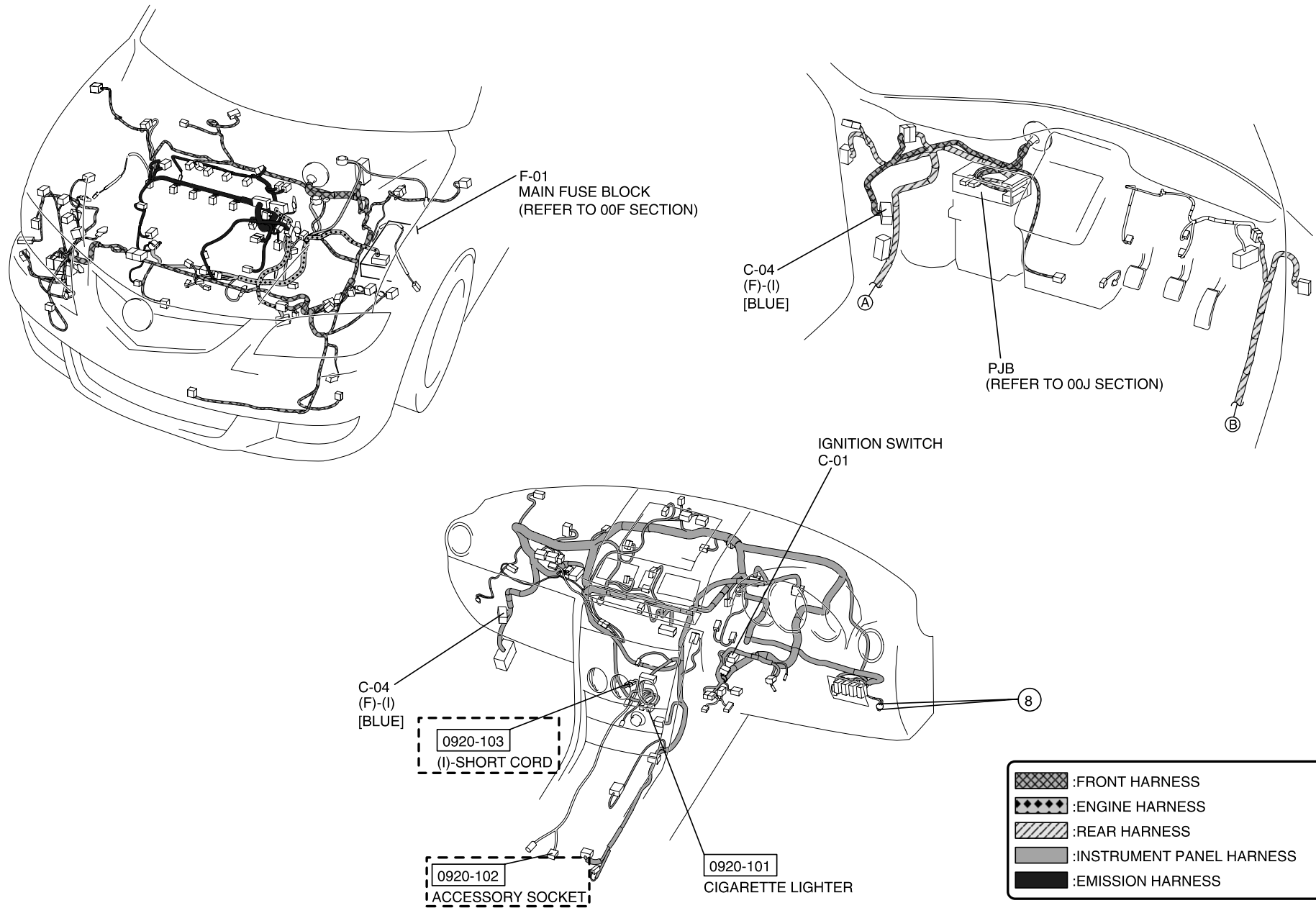


0920-103  
INSTRUMENT PANEL HARNESS-SHORT CORD



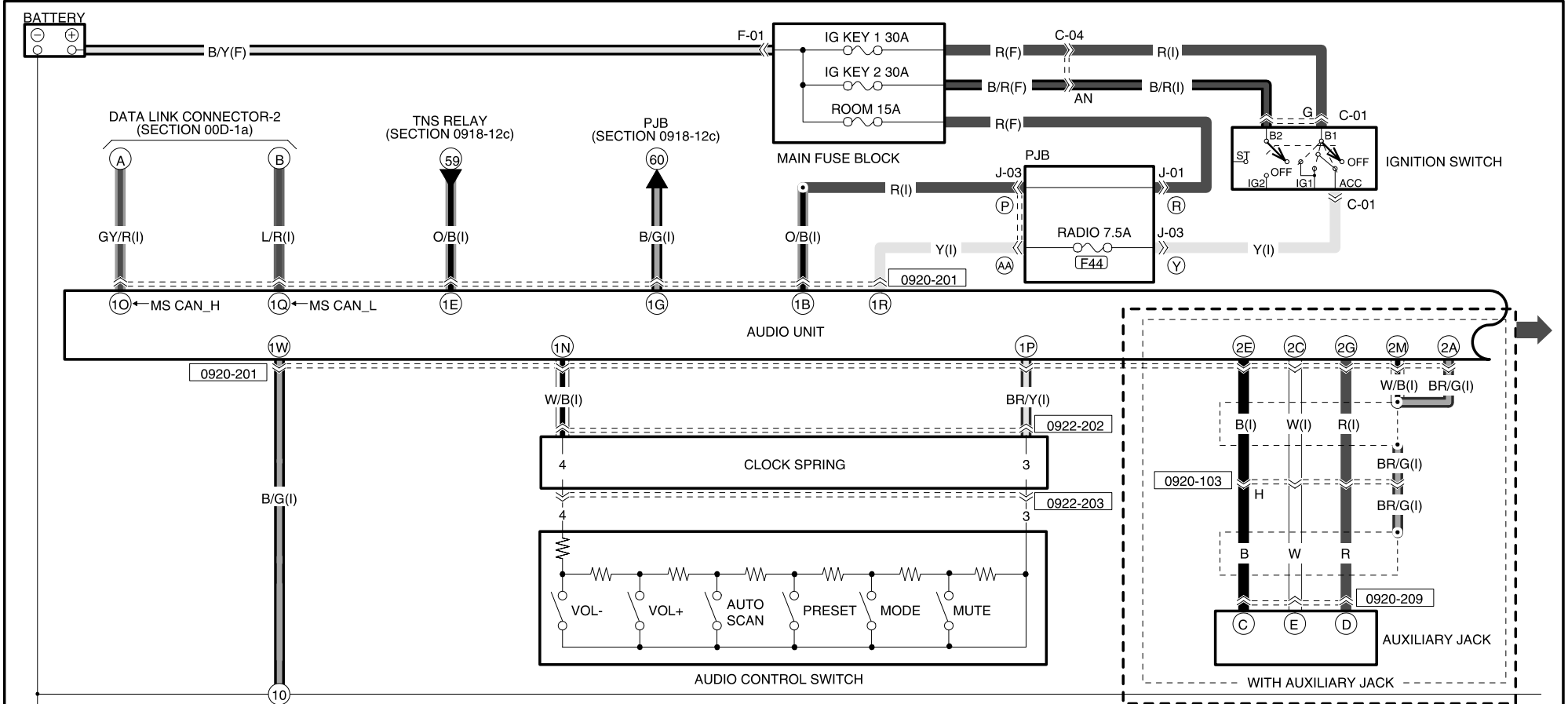
INSTRUMENT PANEL HARNESS

SHORT CORD



# AUDIO SYSTEM (STANDARD TYPE AUDIO)

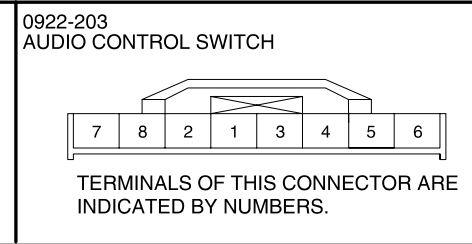
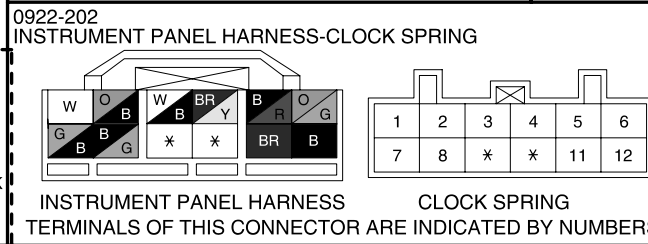
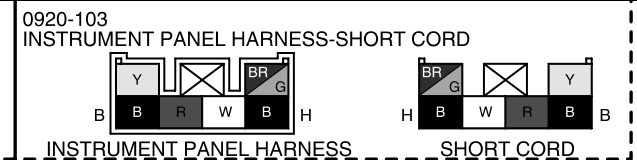
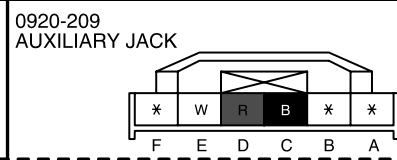
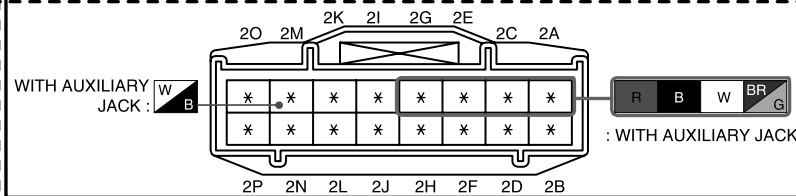
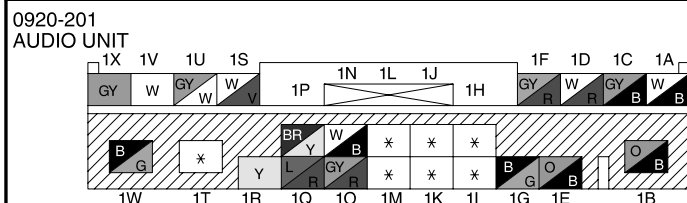
0920-2a

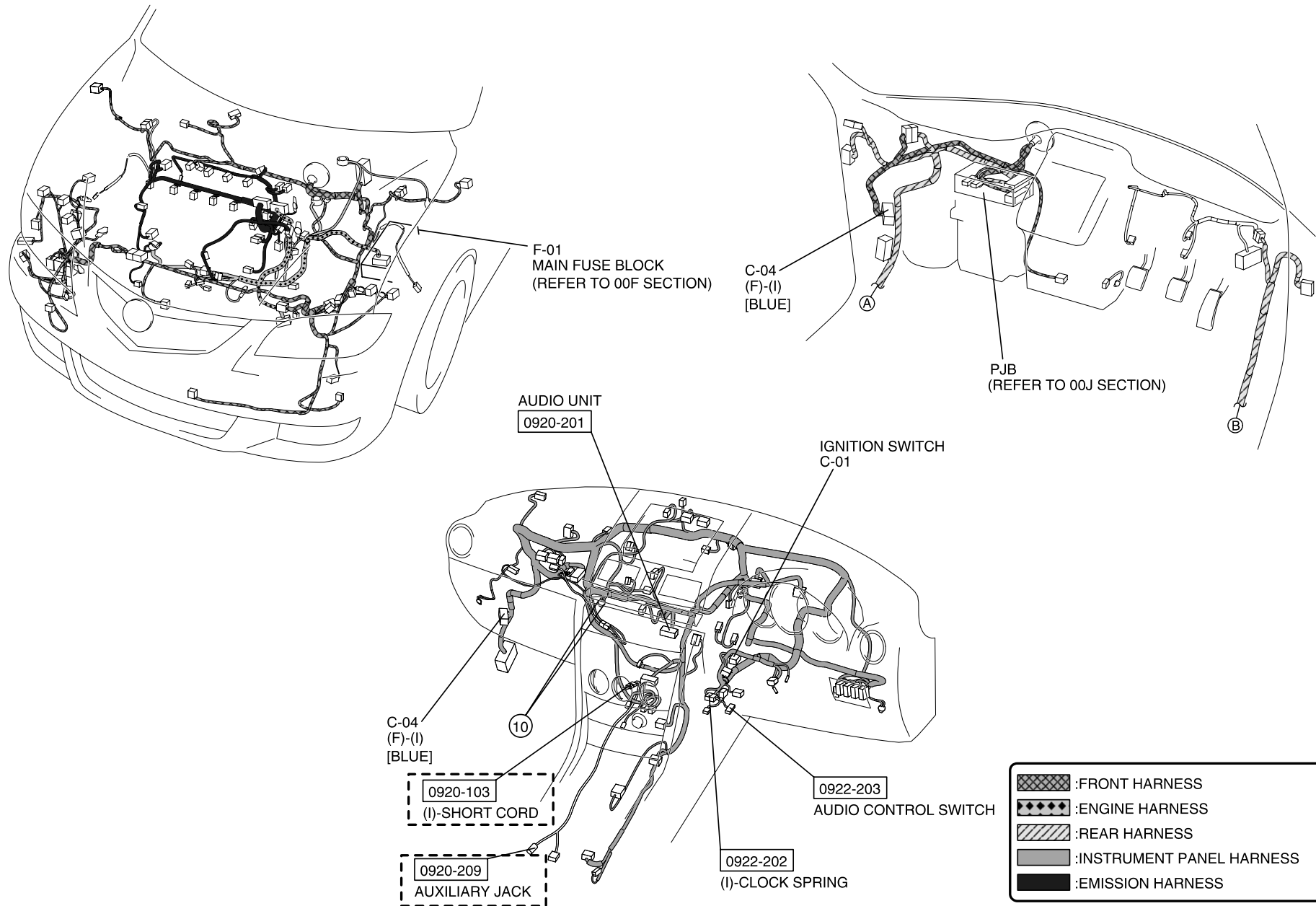


Mazda3 Wiring Diagram (5672-1\*-06E)

222

Revised 9/2006 (Ref.No.L121/06)






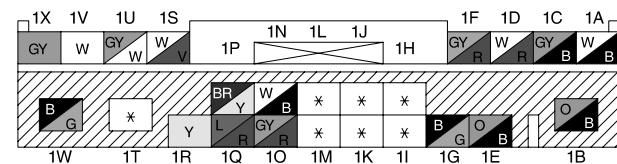



Diagram of a GY-W card, showing a grey top half with 'GY' and a white bottom half with 'W'.

A diagram of a 2x2 grid. The top-left cell is labeled 'GY', the top-right cell is labeled 'W', the bottom-left cell is labeled 'W', and the bottom-right cell is labeled 'V'. The top-left cell is shaded gray. The top-right cell is white. The bottom-left cell is white. The bottom-right cell is shaded gray. Above the grid is a rectangular box with a diagonal cross (X) inside, indicating a crossed-out or invalid state.

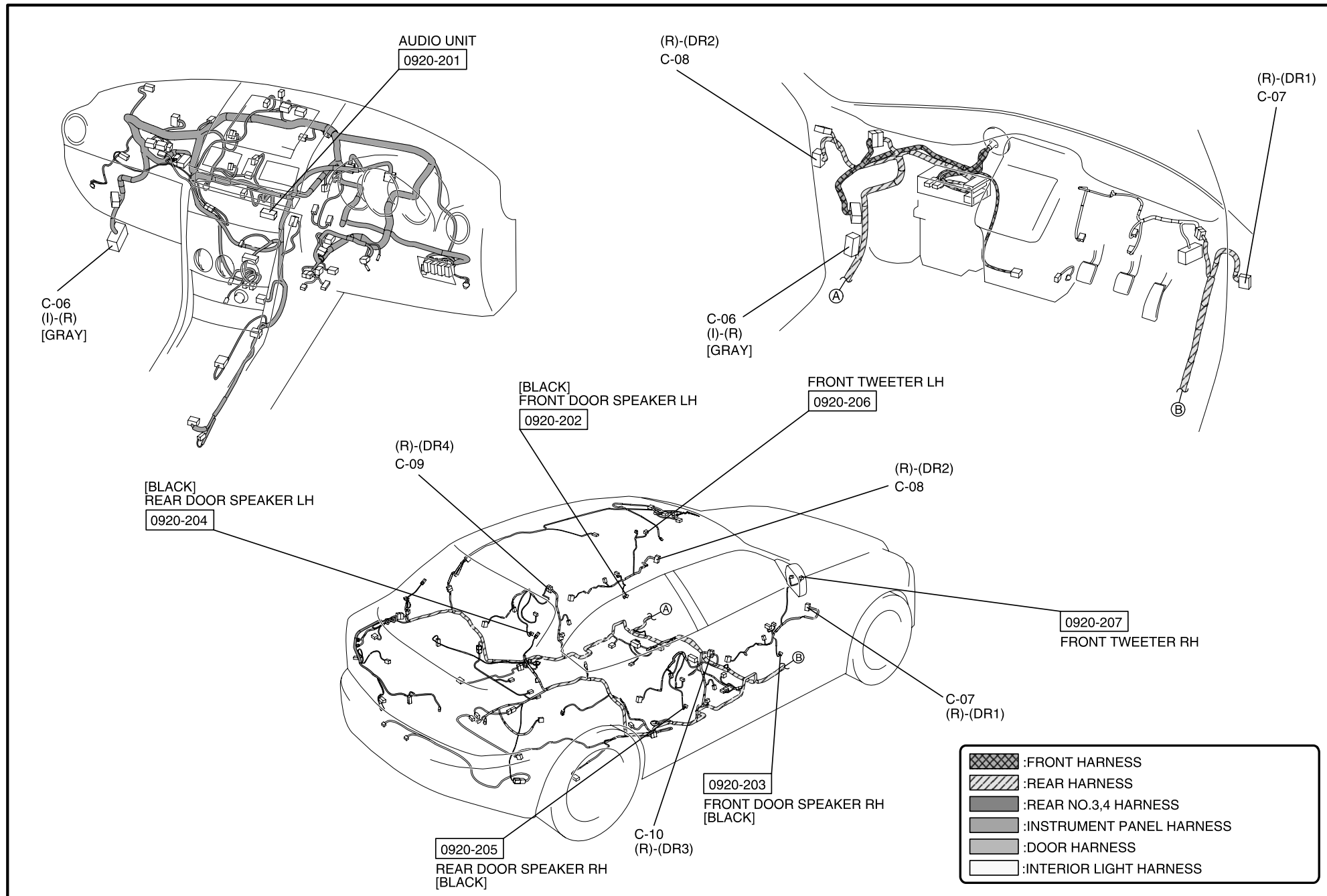


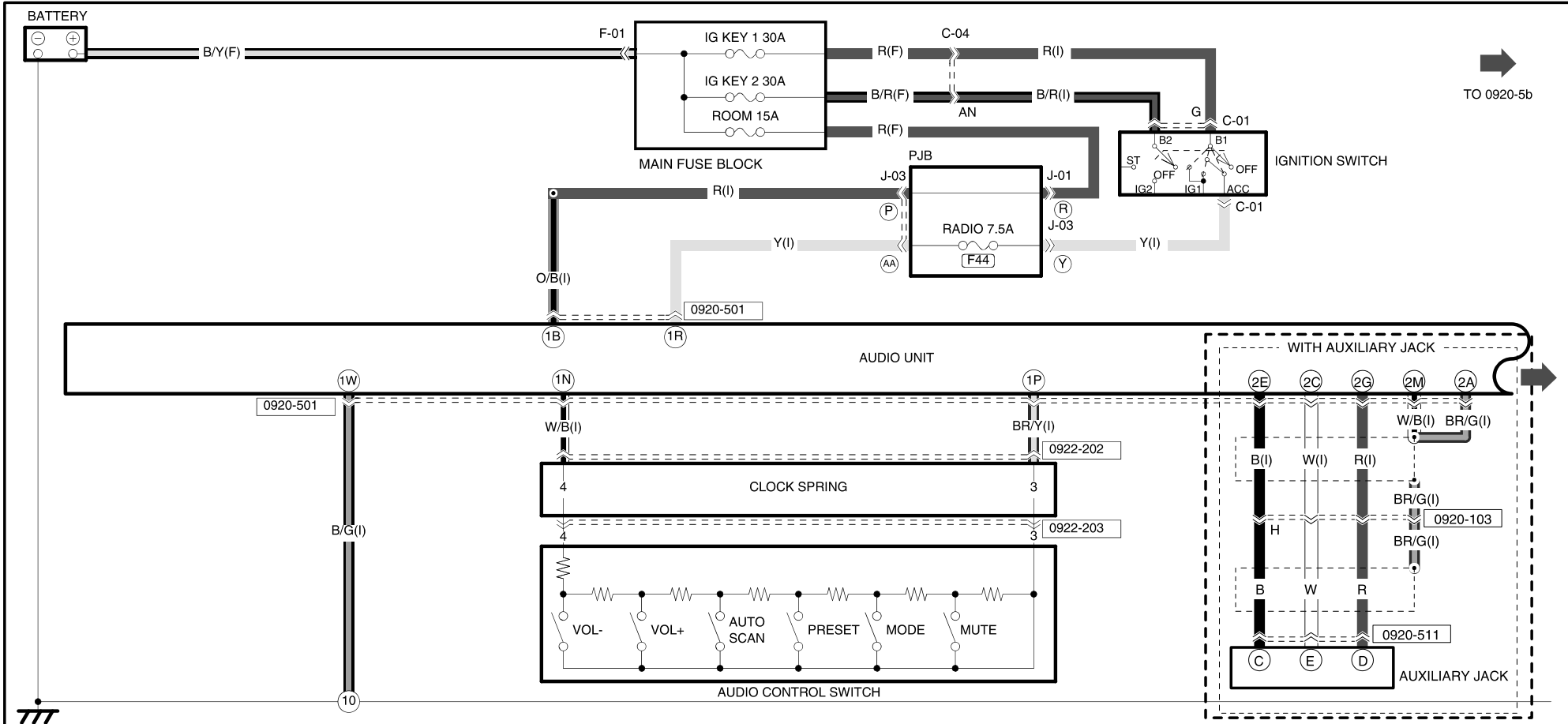


# AUDIO SYSTEM (STANDARD TYPE AUDIO)

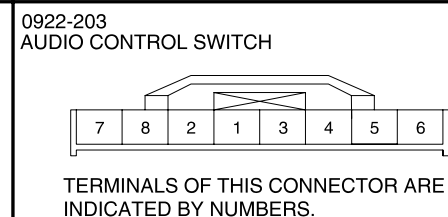
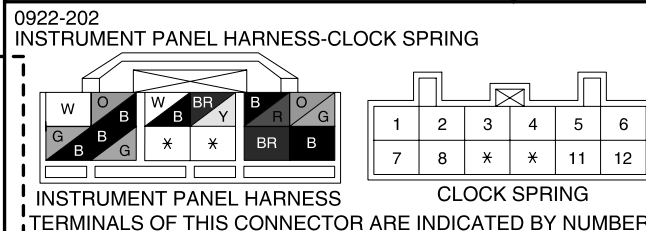
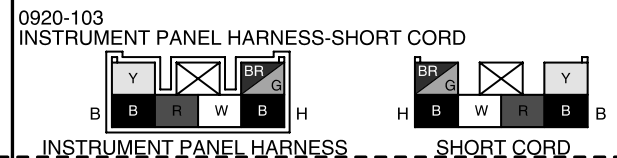
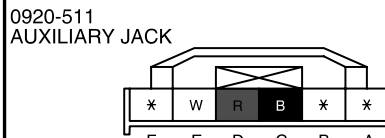
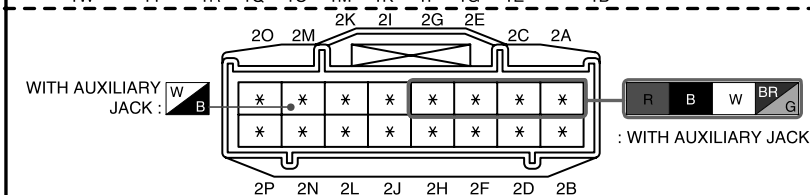
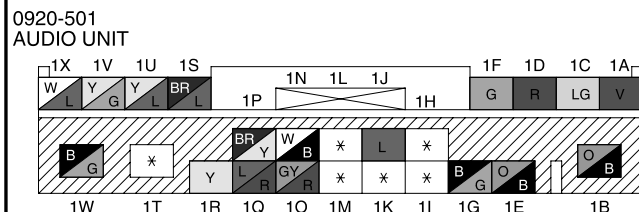
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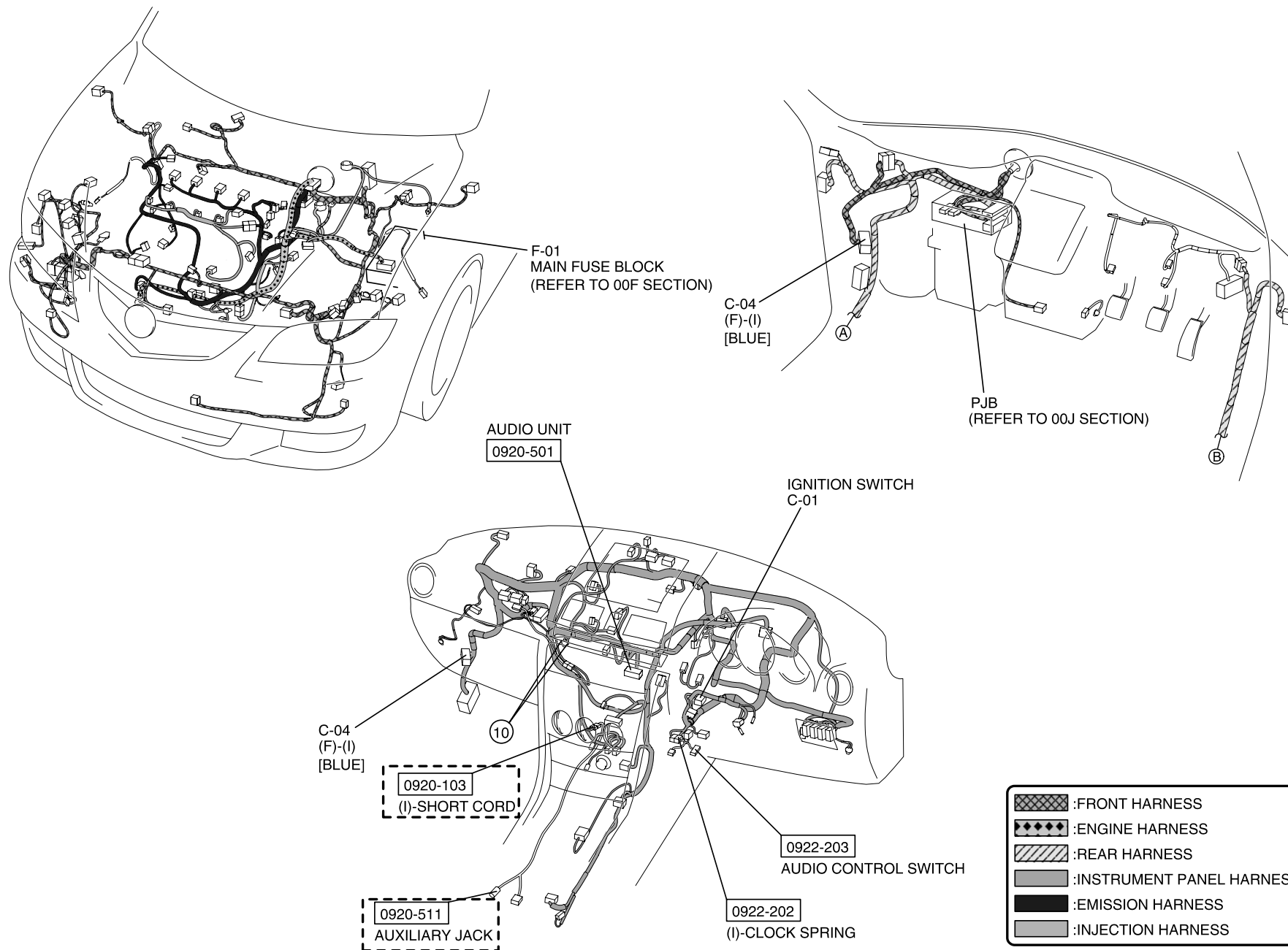
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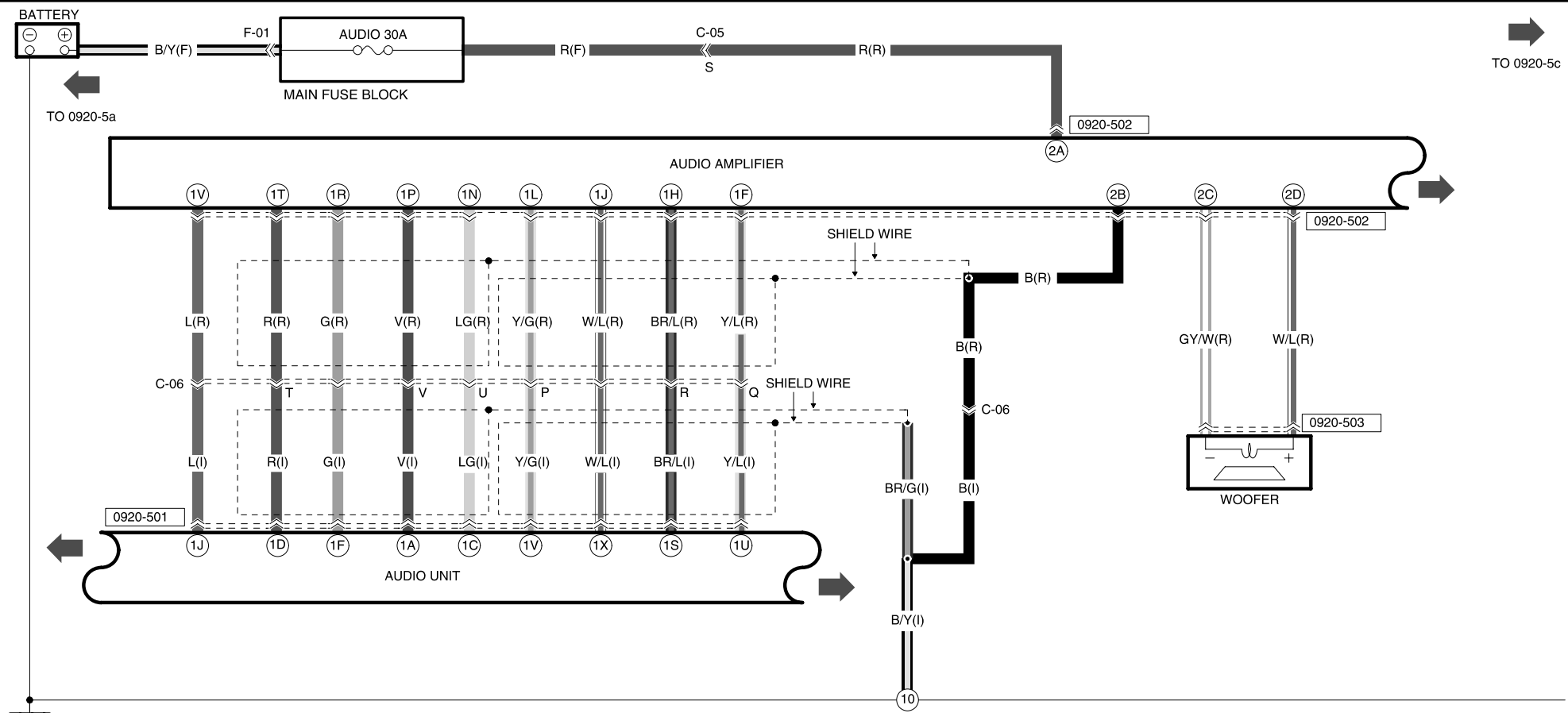




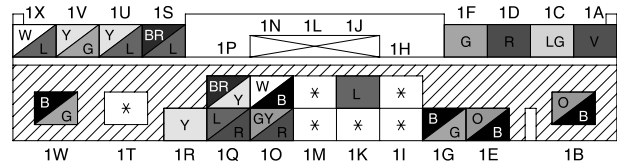
Mazda3 Wiring Diagram (5672-1\*-06E)



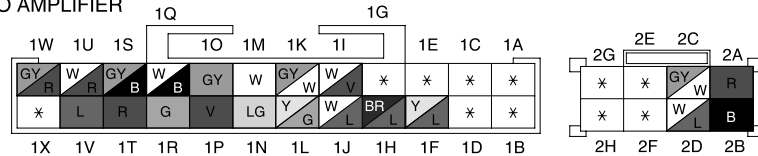




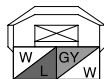
0920-501  
AUDIO UNIT

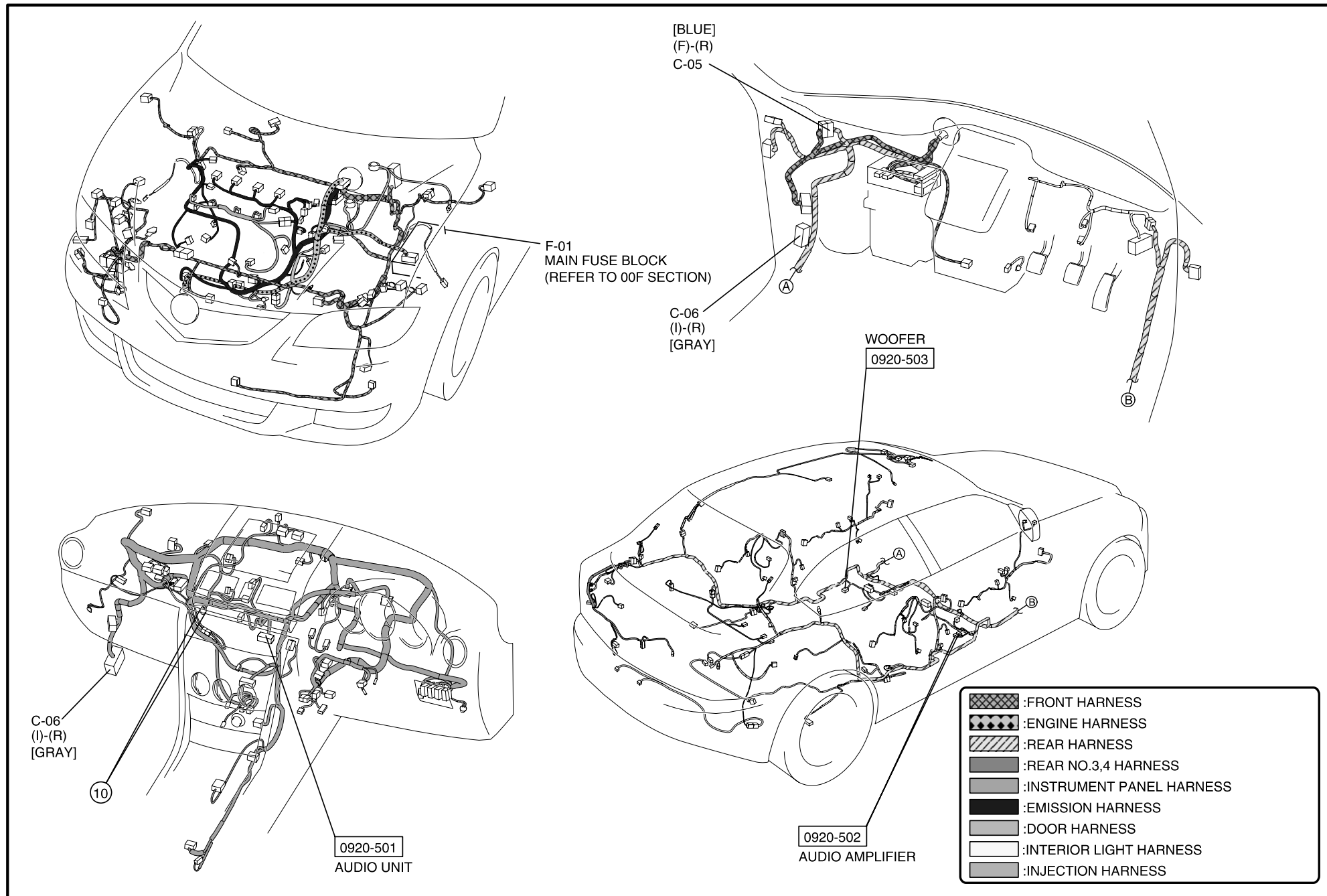


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AUDIO AMPLIFIER

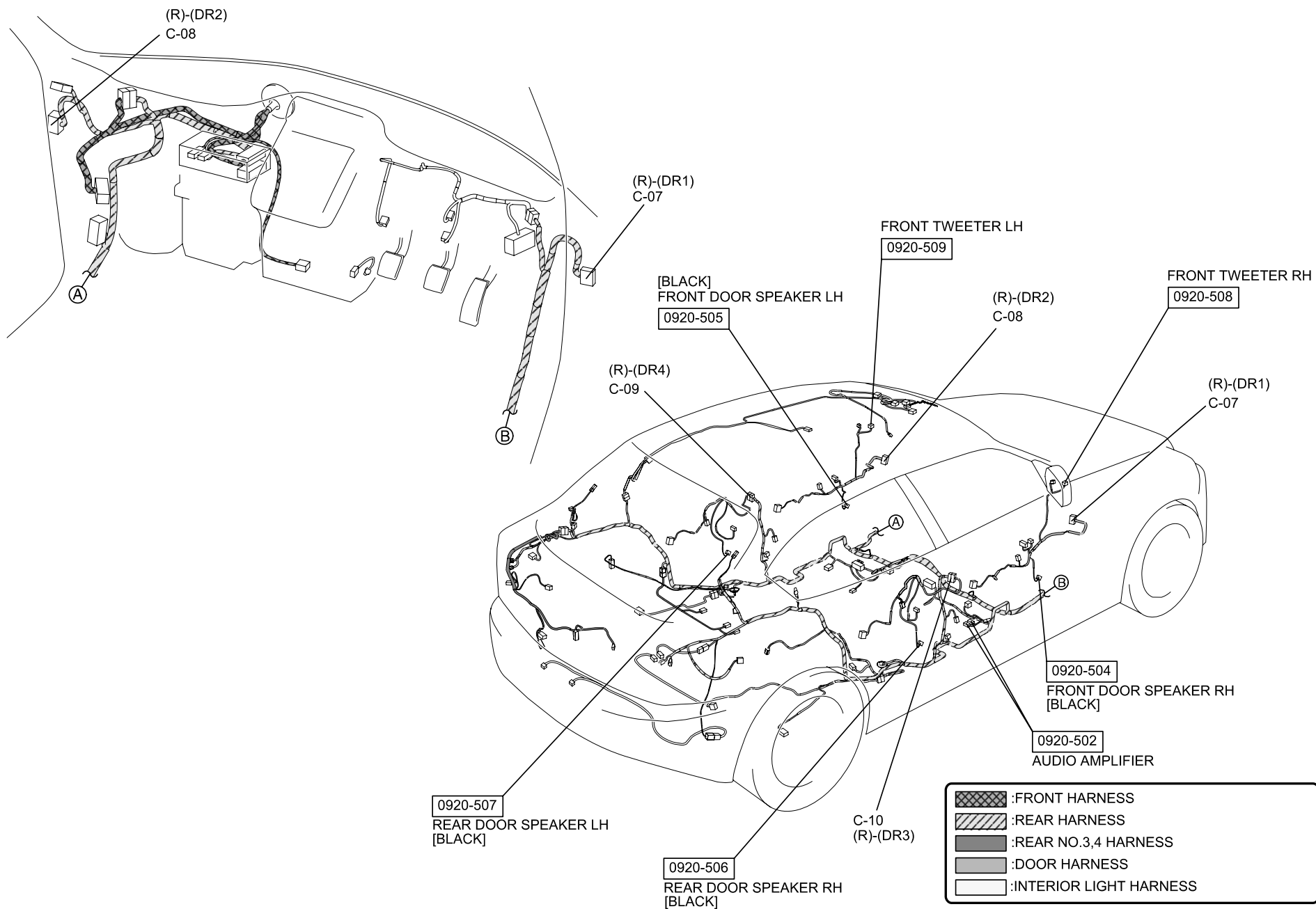


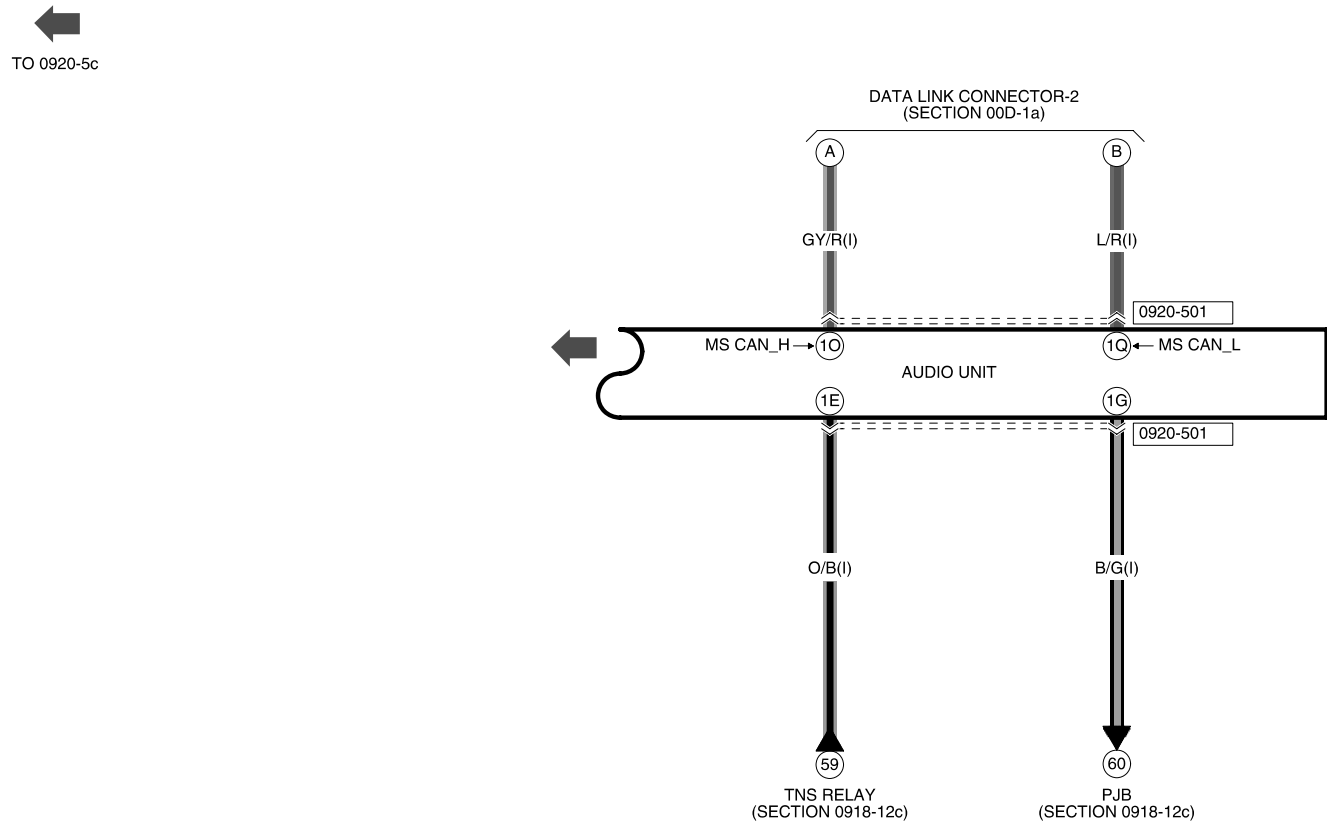
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WOOFER



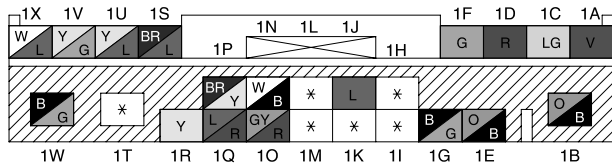




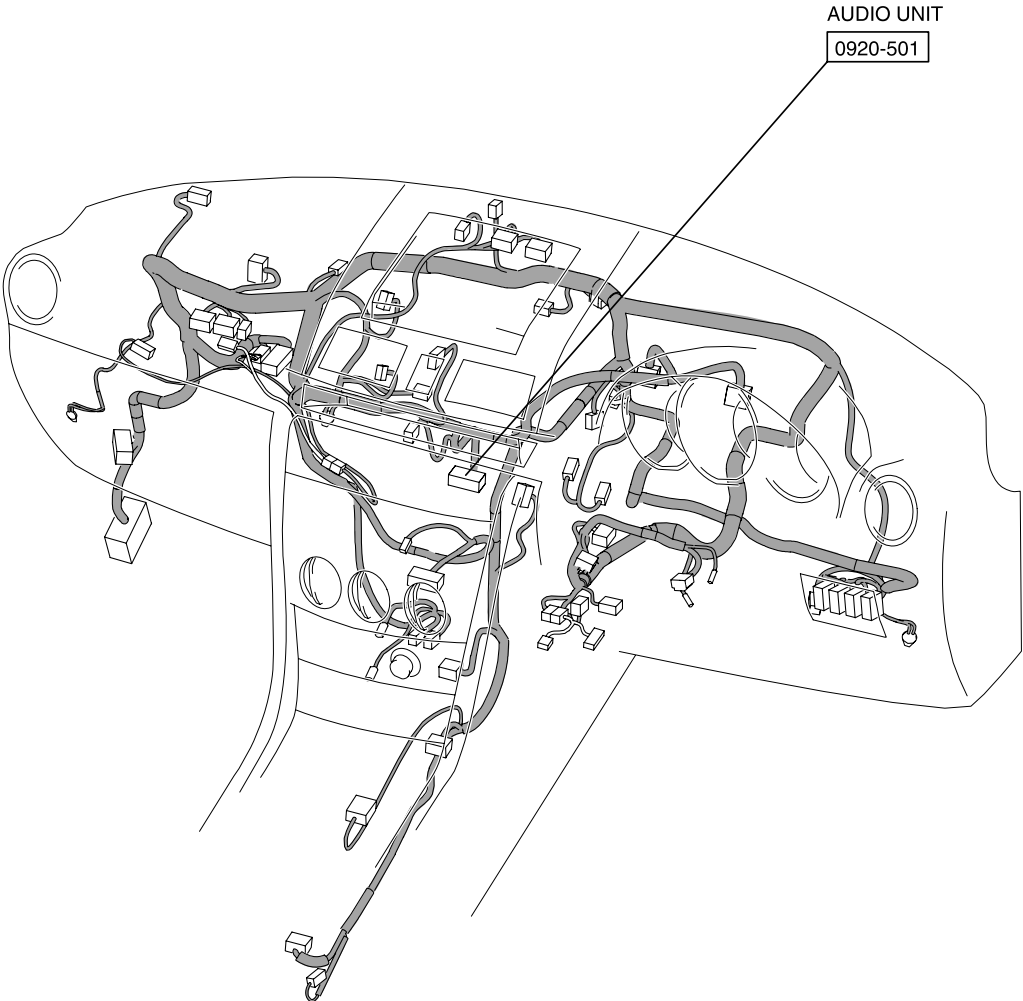




0920-501  
AUDIO UNIT

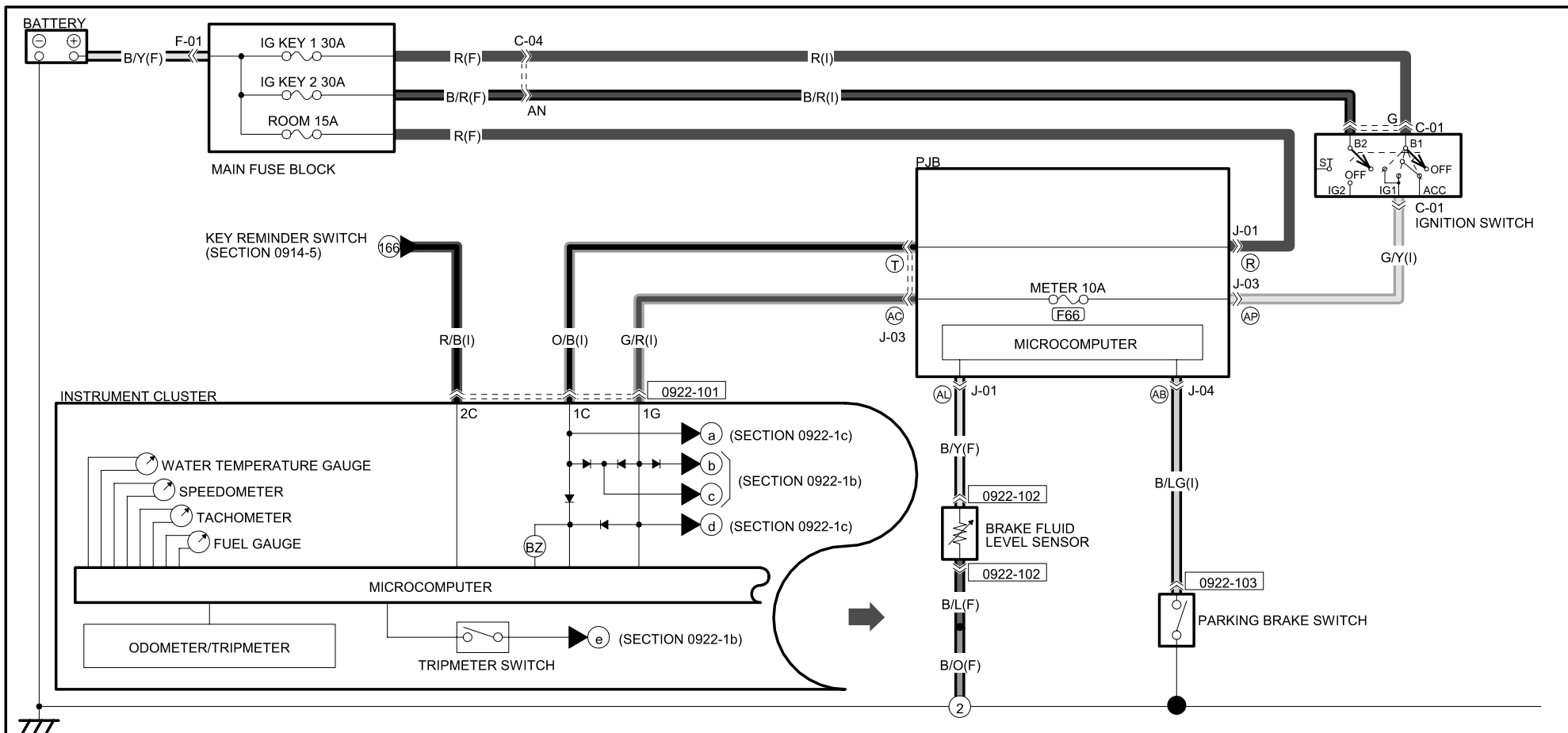




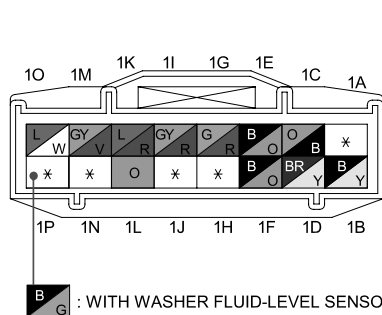


AUDIO UNIT  
0920-501

 :INSTRUMENT PANEL HARNESS



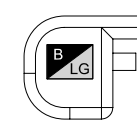
0922-101  
INSTRUMENT CLUSTER

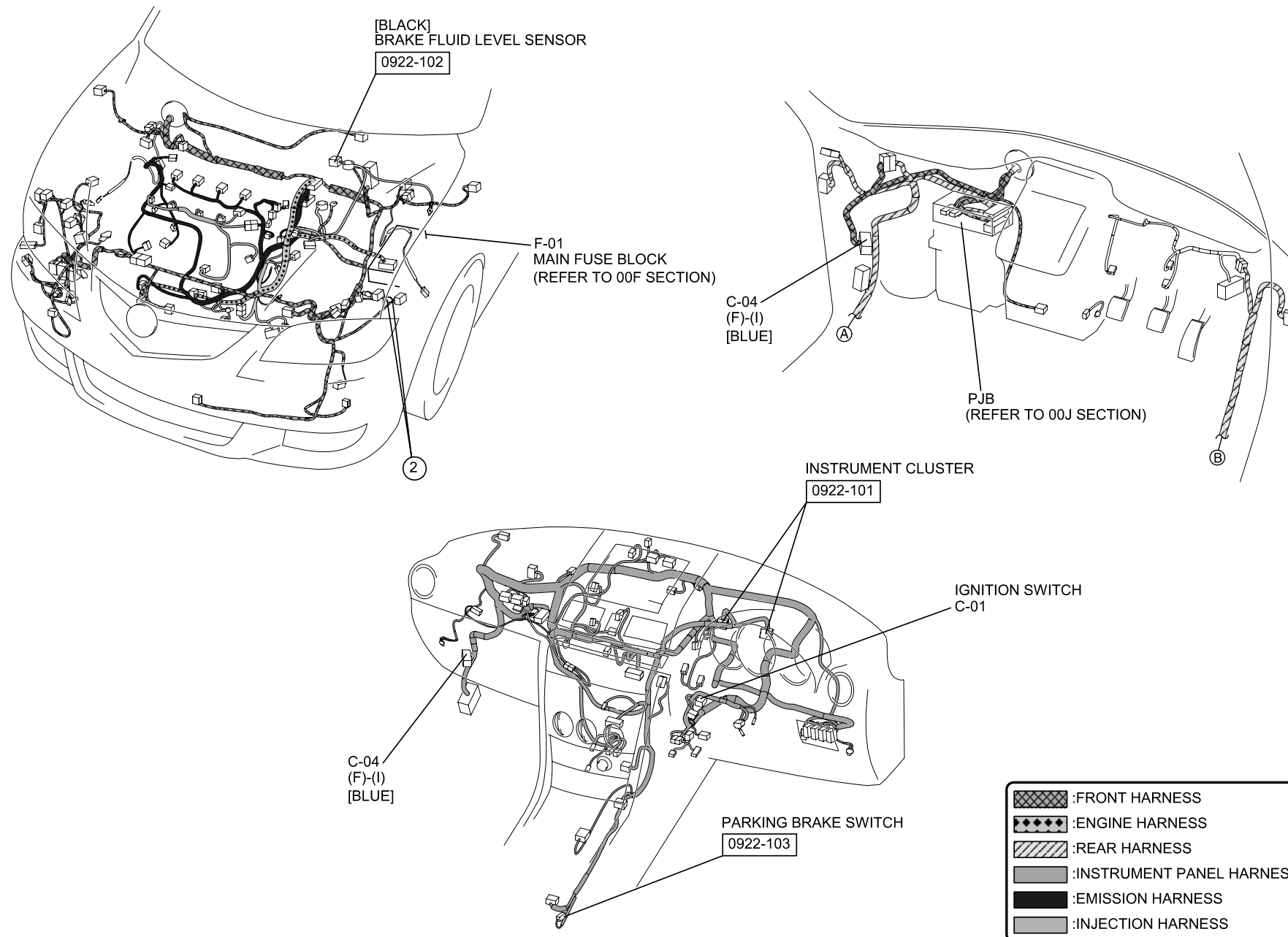


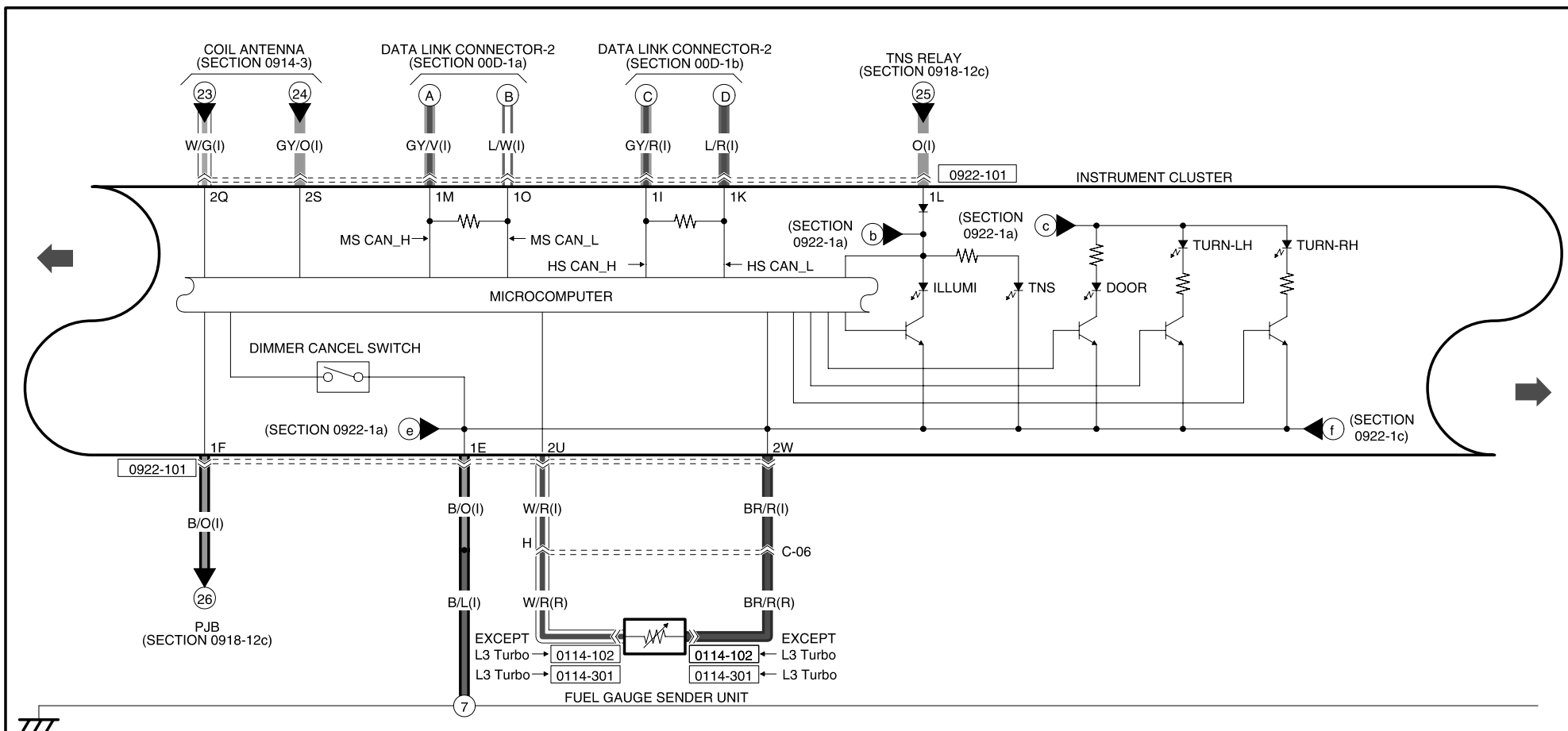
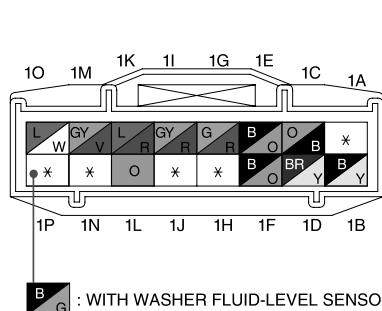
0922-102  
BRAKE FLUID LEVEL SENSOR



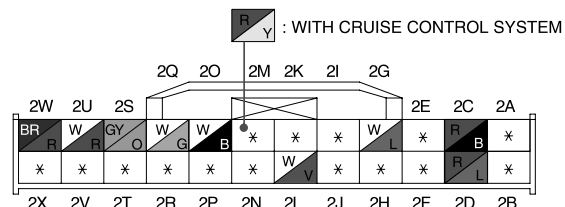
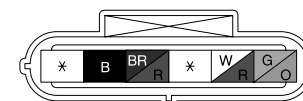
0922-103  
PARKING BRAKE SWITCH



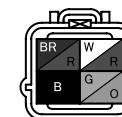


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INSTRUMENT CLUSTER

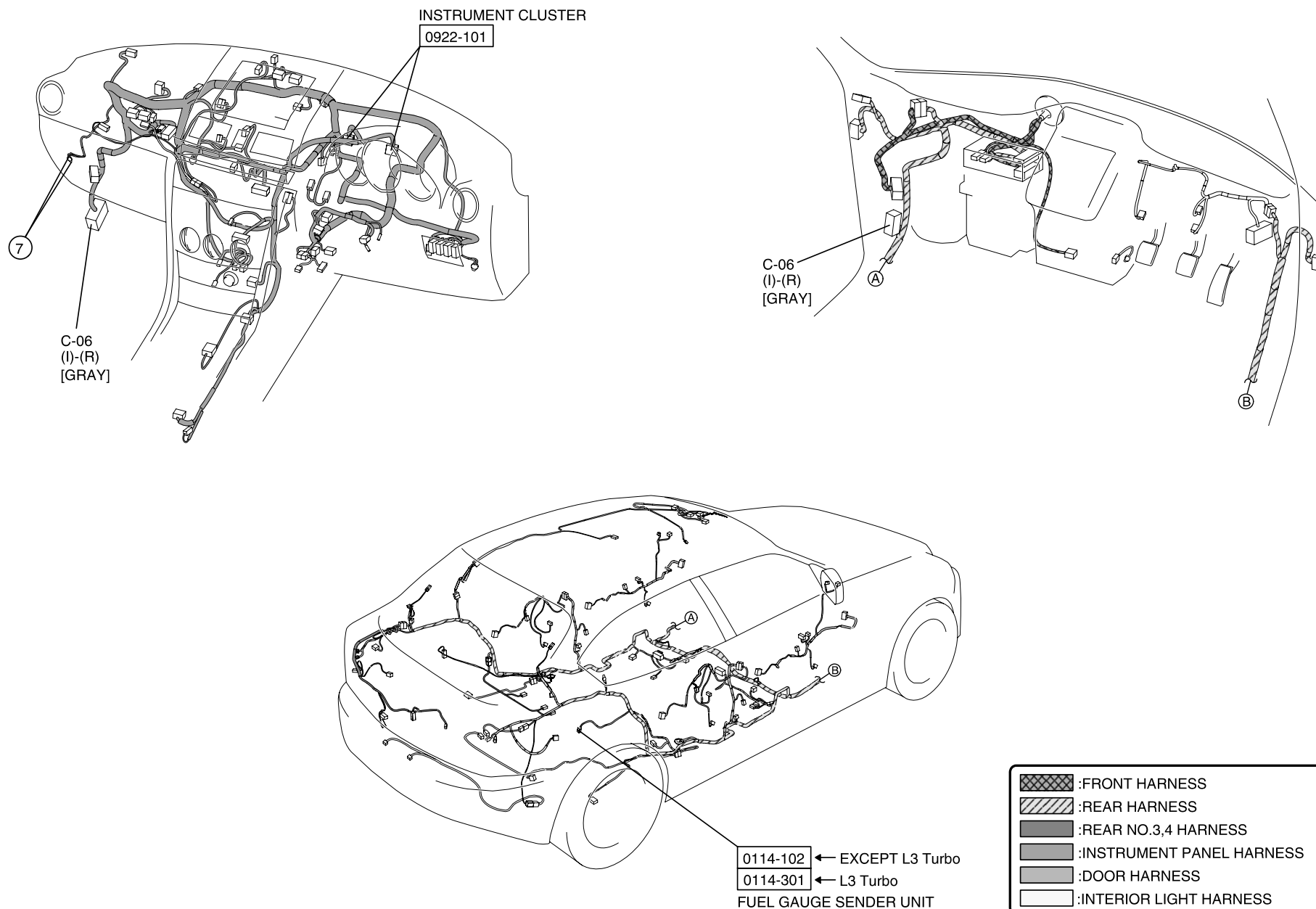
**B/G** : WITH WASHER FLUID-LEVEL SENSOR

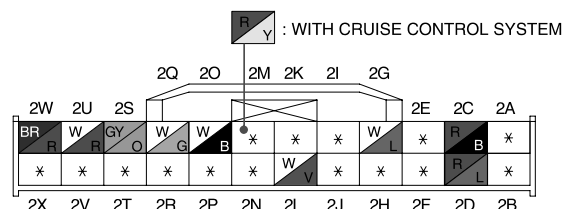
0114-102 ← EXCEPT L3 Turbo  
0114-301 ← L3 Turbo  
FUEL GAUGE SENDER UNIT

(EXCEPT L3 Turbo)

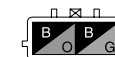


(L3 Turbo)





0922-104 WASHER FLUID-LEVEL SENSOR
---------------------------------------



# INSTRUMENT CLUSTER






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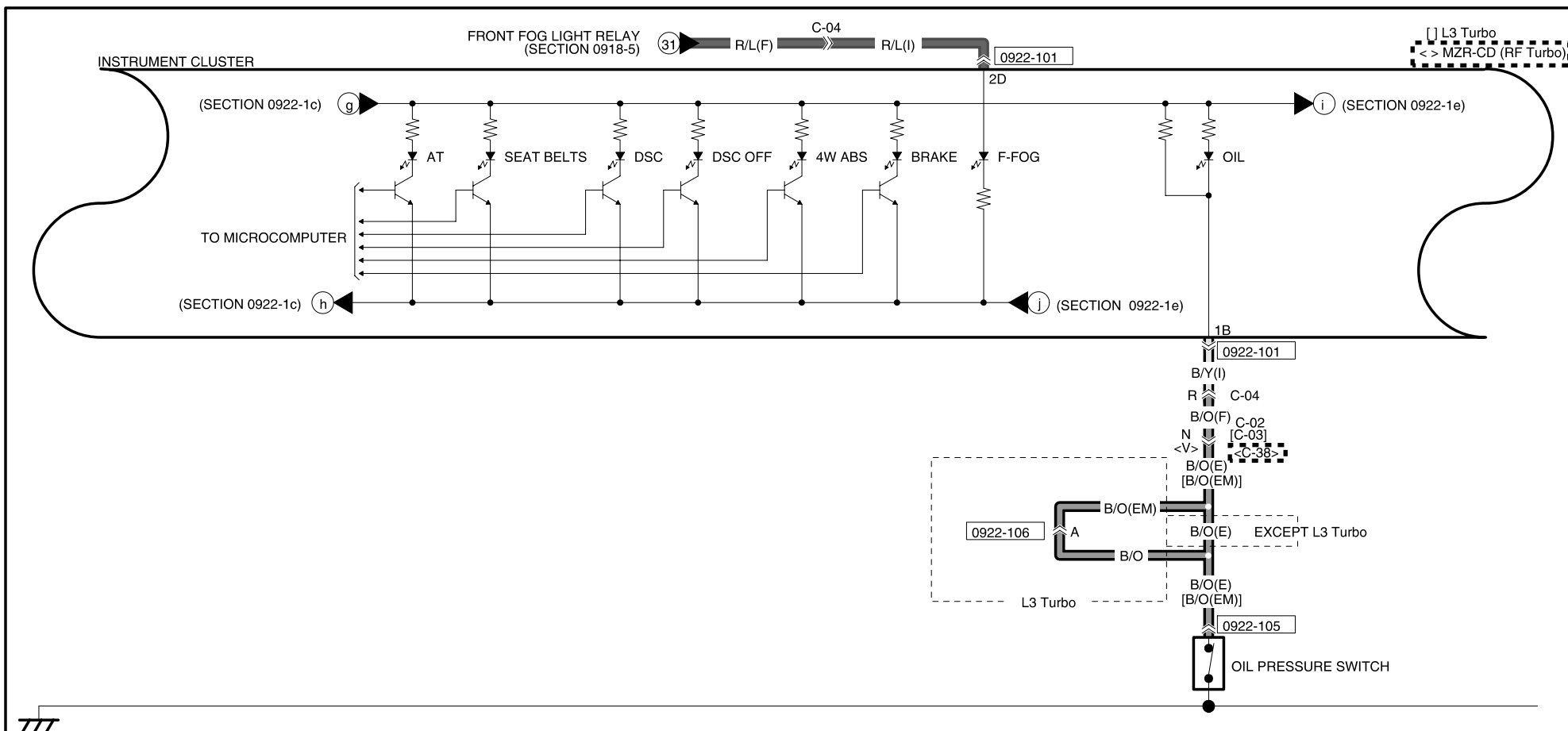
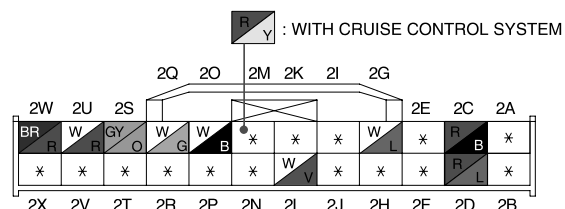
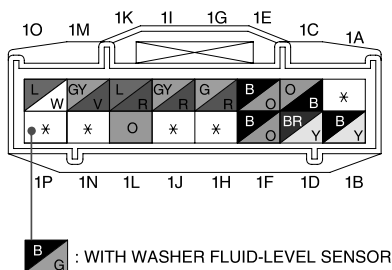
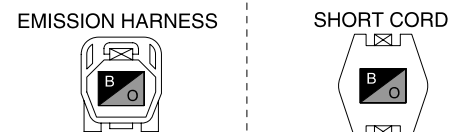
[GRAY]  
WASHER FLUID-LEVEL SENSOR  
0922-104

C-04  
(F)-(I)  
[BLUE]

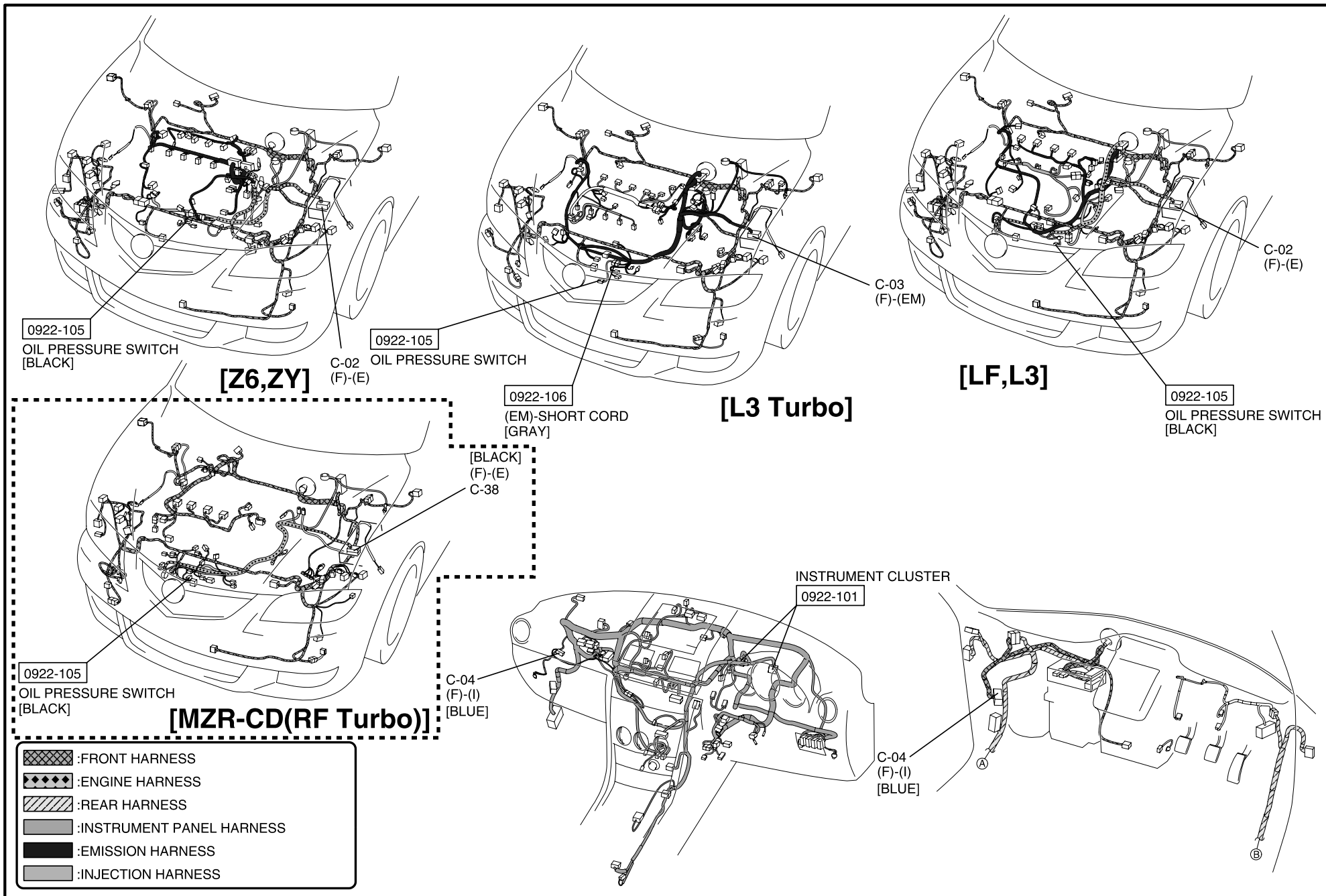
INSTRUMENT CLUSTER  
0922-101

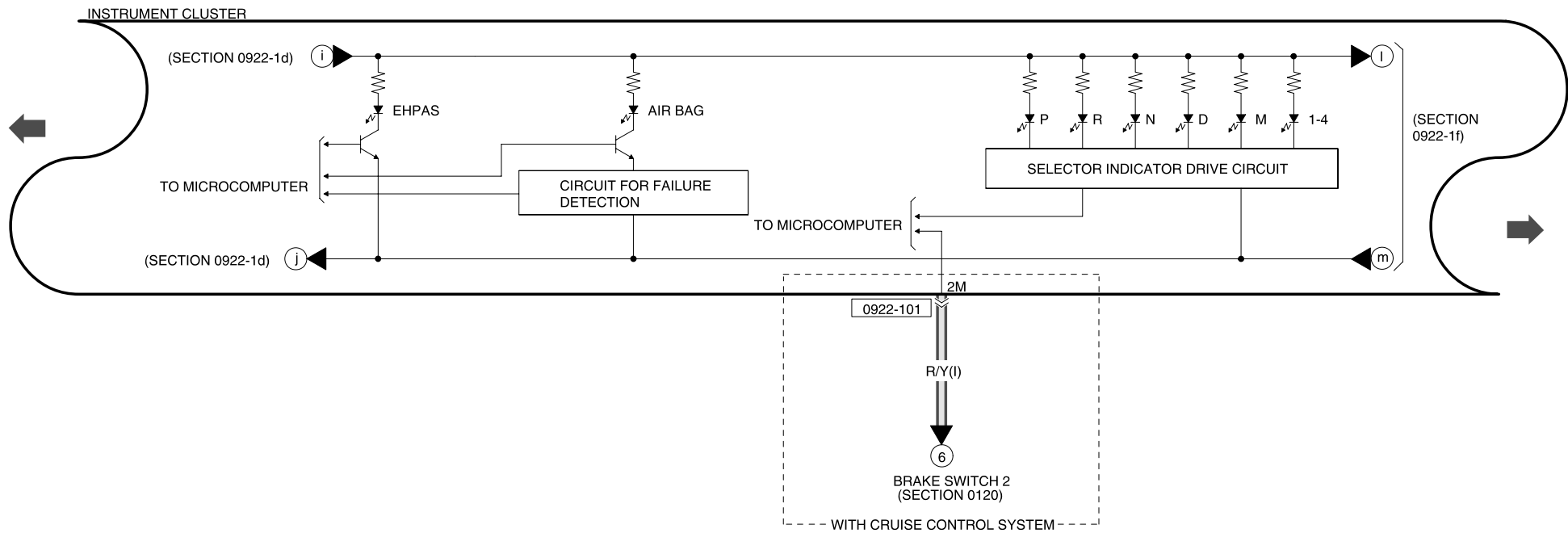
C-04  
(F)-(I)  
[BLUE]

-  :FRONT HARNESS
-  :ENGINE HARNESS
-  :REAR HARNESS
-  :INSTRUMENT PANEL HARNESS
-  :EMISSION HARNESS

0922-101  
INSTRUMENT CLUSTER0922-105  
OIL PRESSURE SWITCH0922-106  
EMISSION HARNESS-SHORT CORD

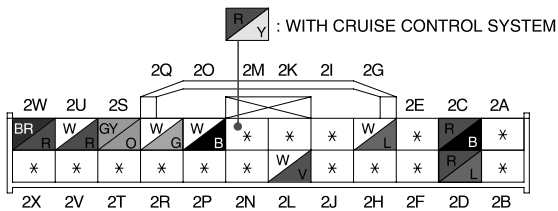


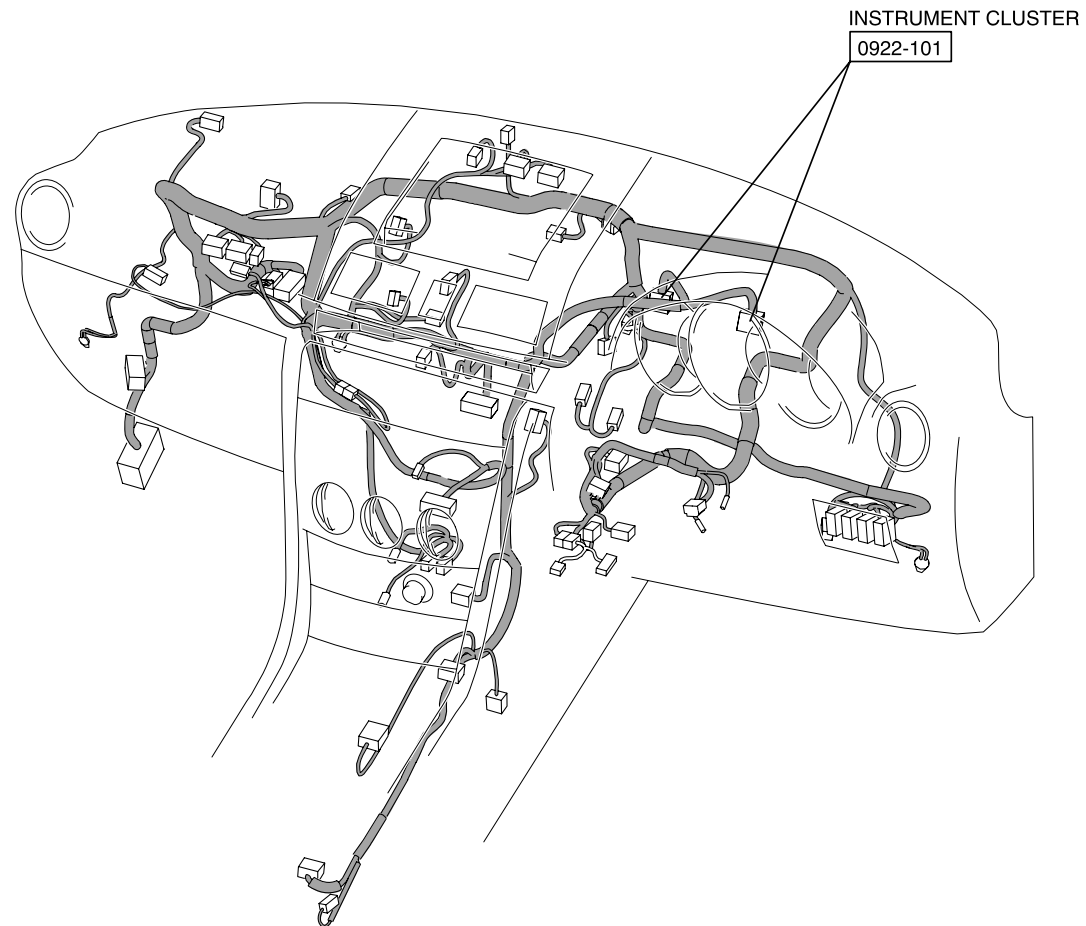




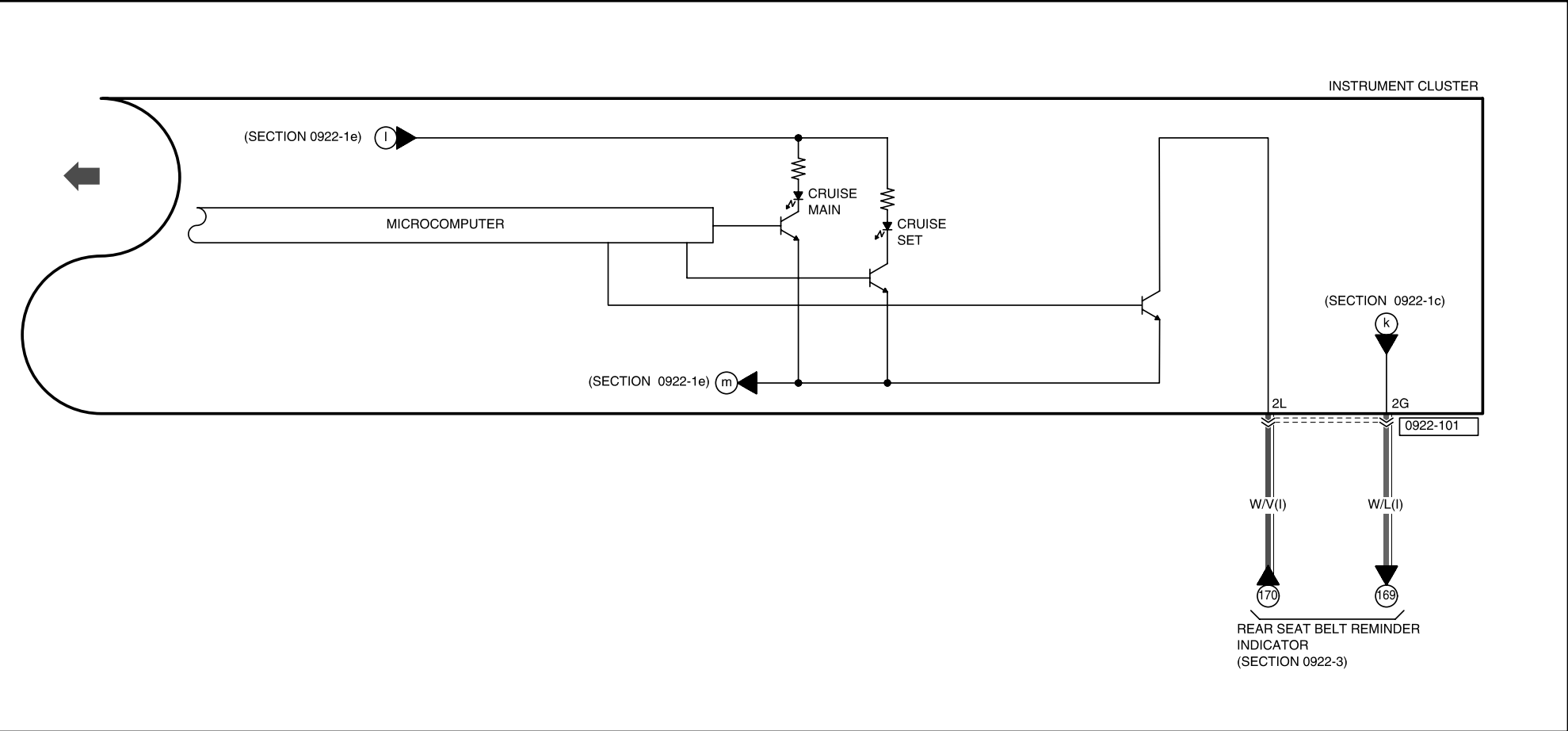
TTT

0922-101  
INSTRUMENT CLUSTER

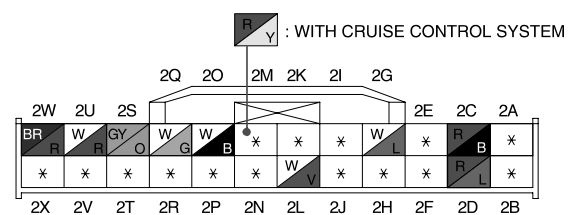


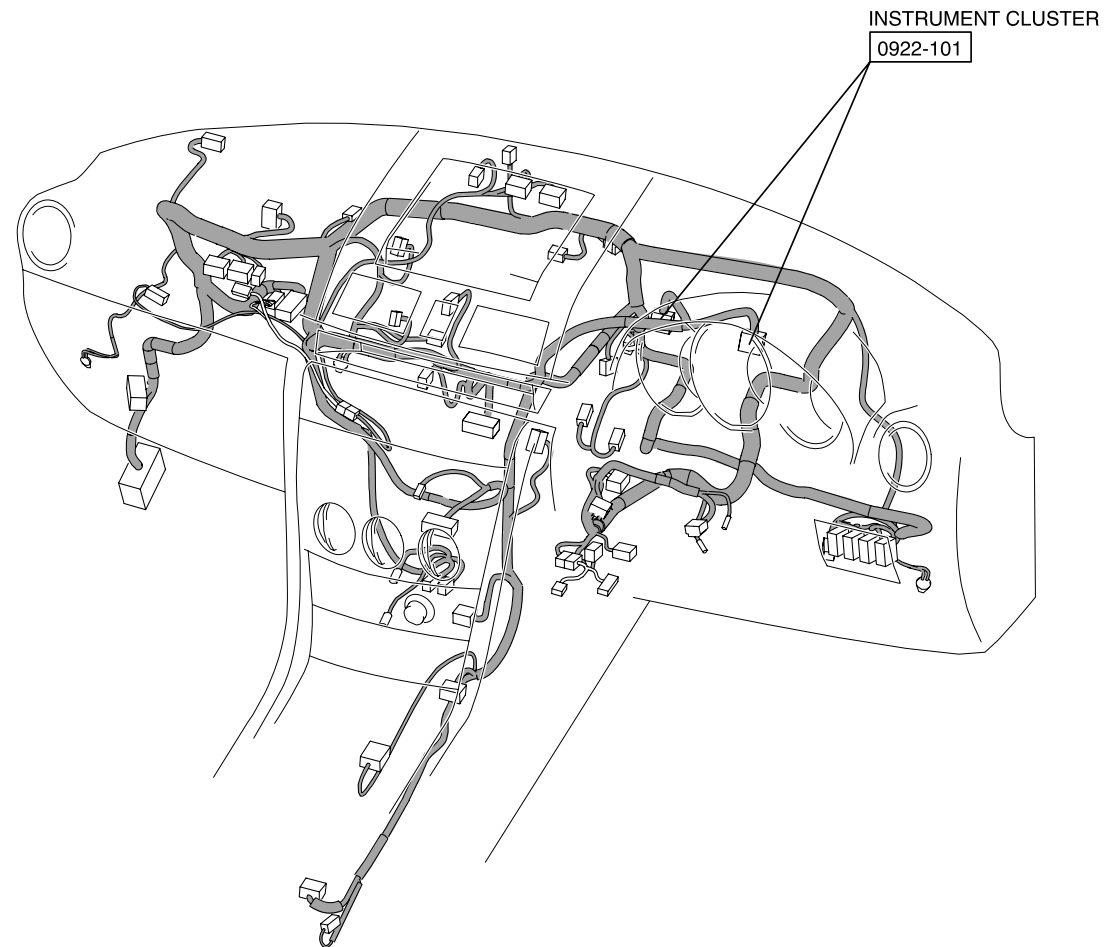


 :INSTRUMENT PANEL HARNESS

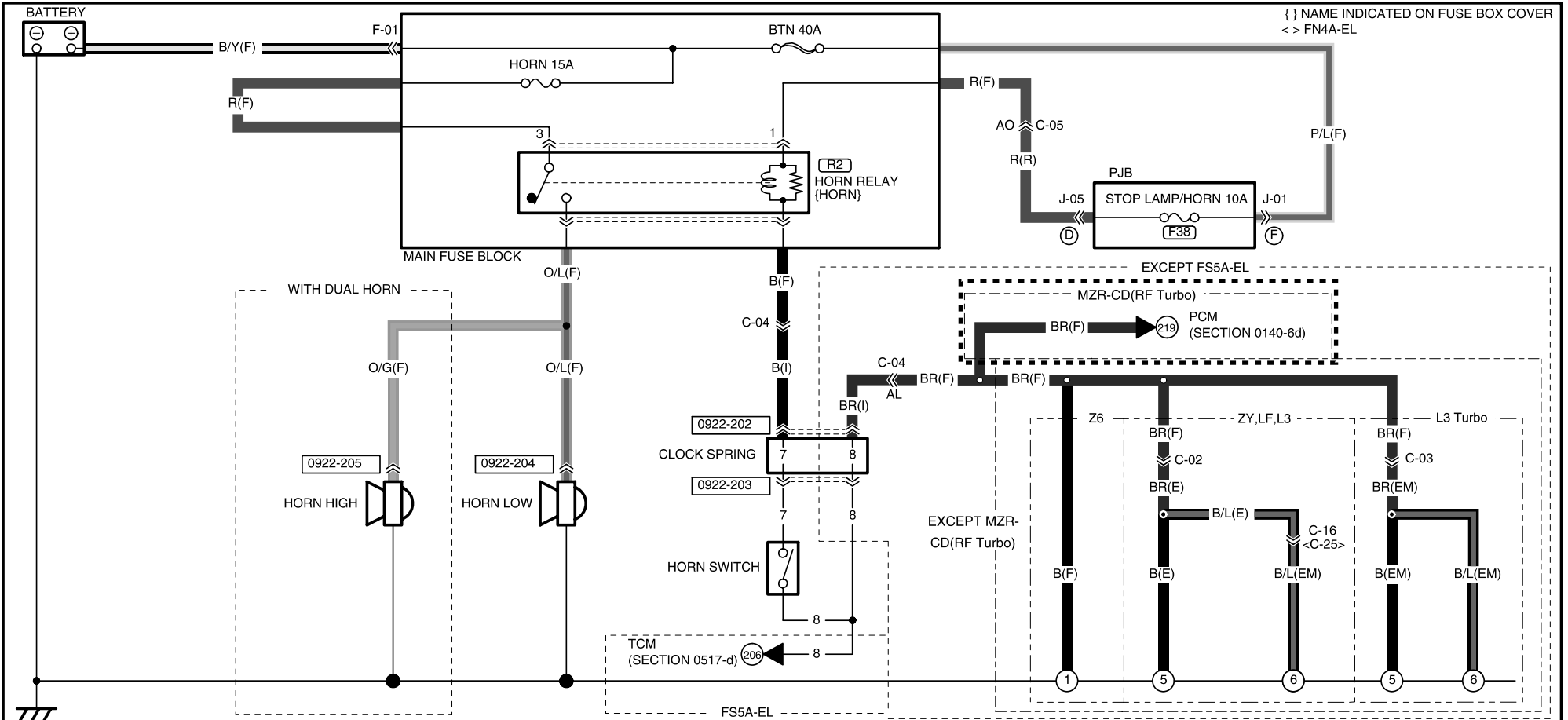


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INSTRUMENT CLUSTER

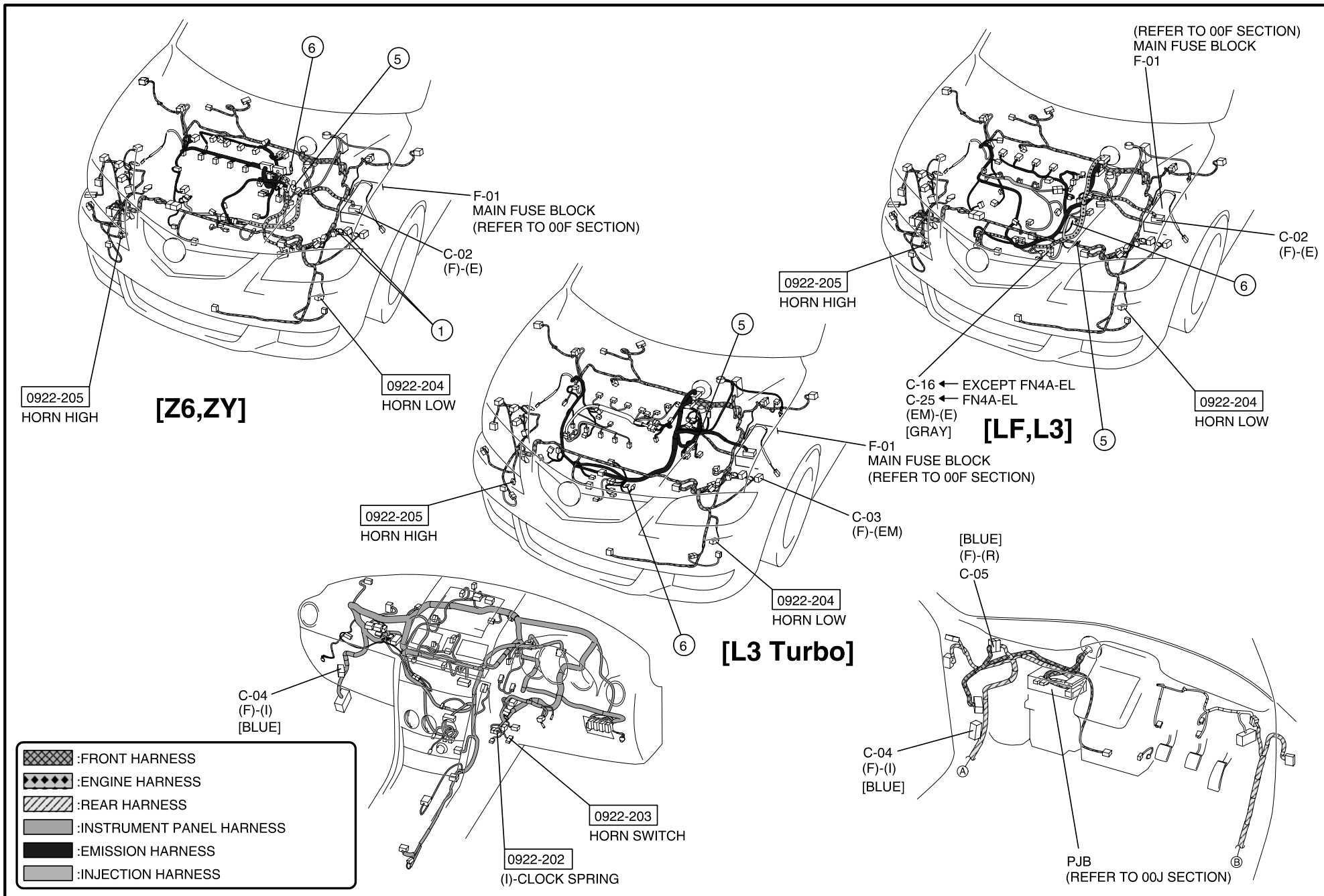




HORN



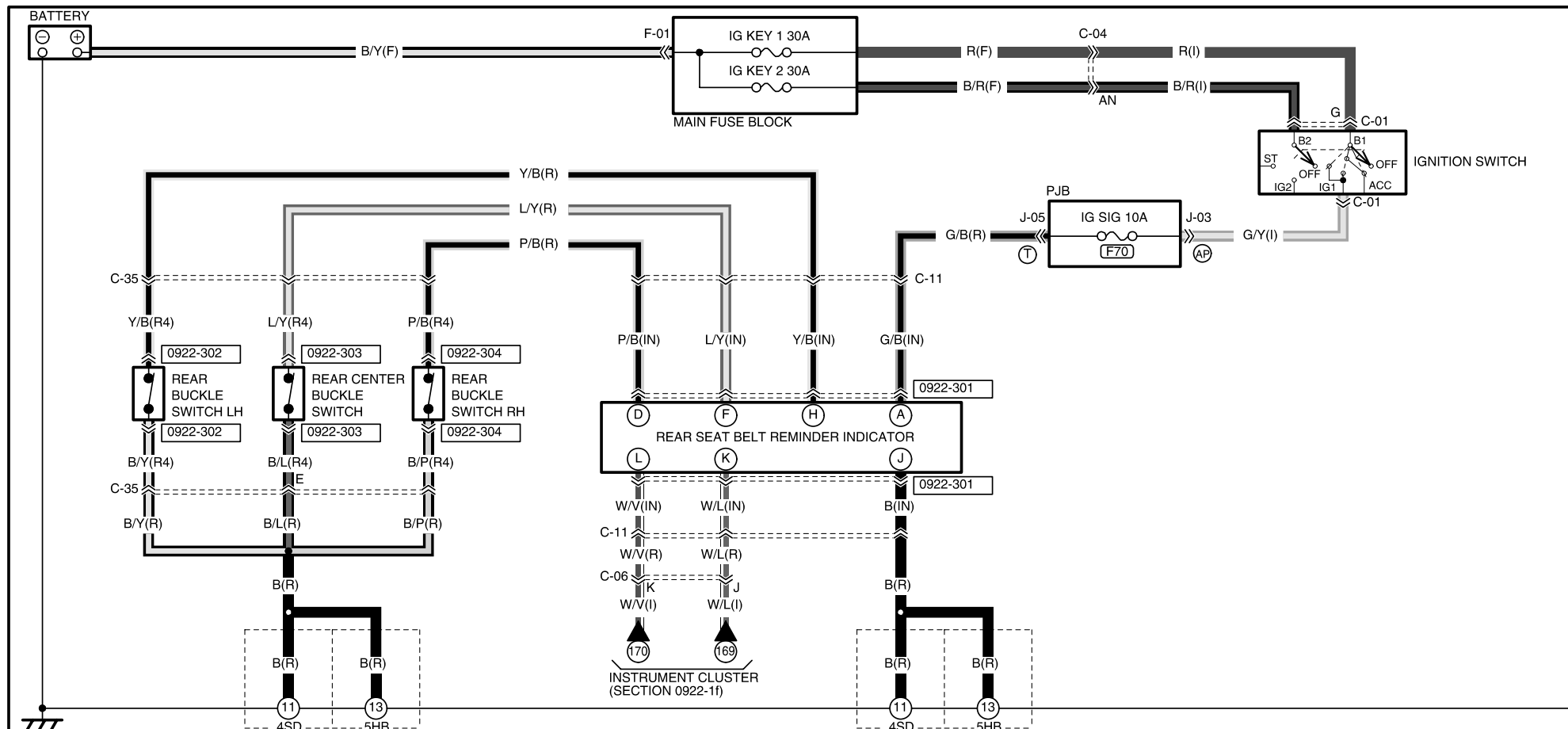
0922-202 INSTRUMENT PANEL HARNESS-CLOCK SPRING		0922-203 HORN SWITCH			
<p>INSTRUMENT PANEL HARNESS</p> <p>CLOCK SPRING</p>					
TERMINALS OF THIS CONNECTOR ARE INDICATED BY NUMBERS.		TERMINALS OF THIS CONNECTOR ARE INDICATED BY NUMBERS.			
0922-204 HORN LOW	0922-205 HORN HIGH				

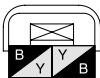
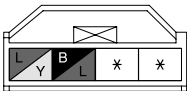
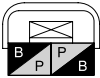
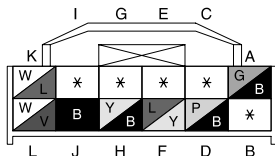


# REAR SEAT BELT REMINDER SYSTEM

0922-3

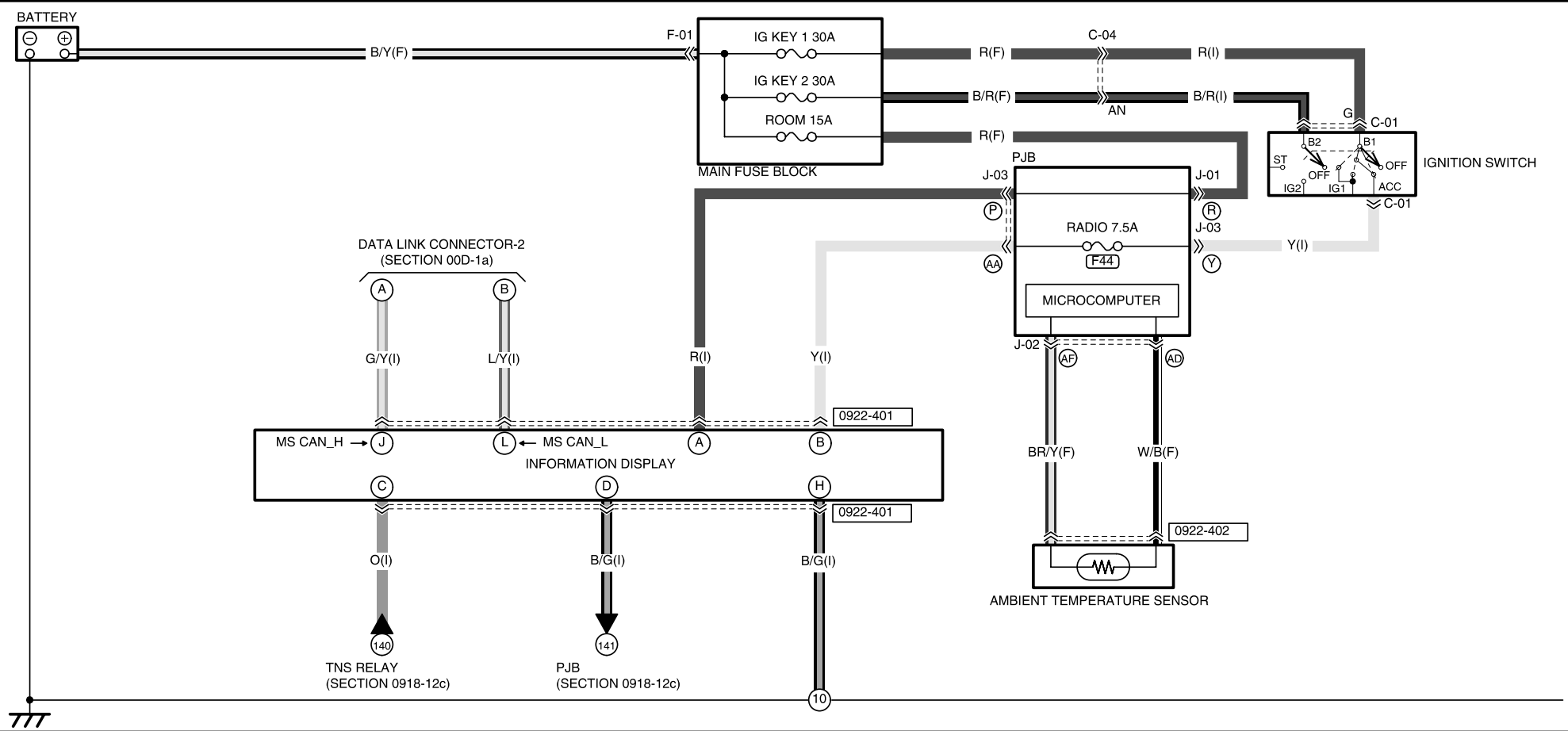
248



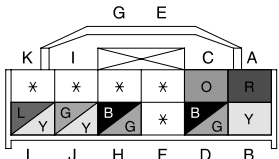
<p>0922-302 REAR BUCKLE SWITCH LH</p> 	<p>0922-303 REAR CENTER BUCKLE SWITCH</p> 	<p>0922-304 REAR BUCKLE SWITCH RH</p> 	<p>0922-301 REAR SEAT BELT REMINDER INDICATOR</p> 		



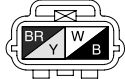


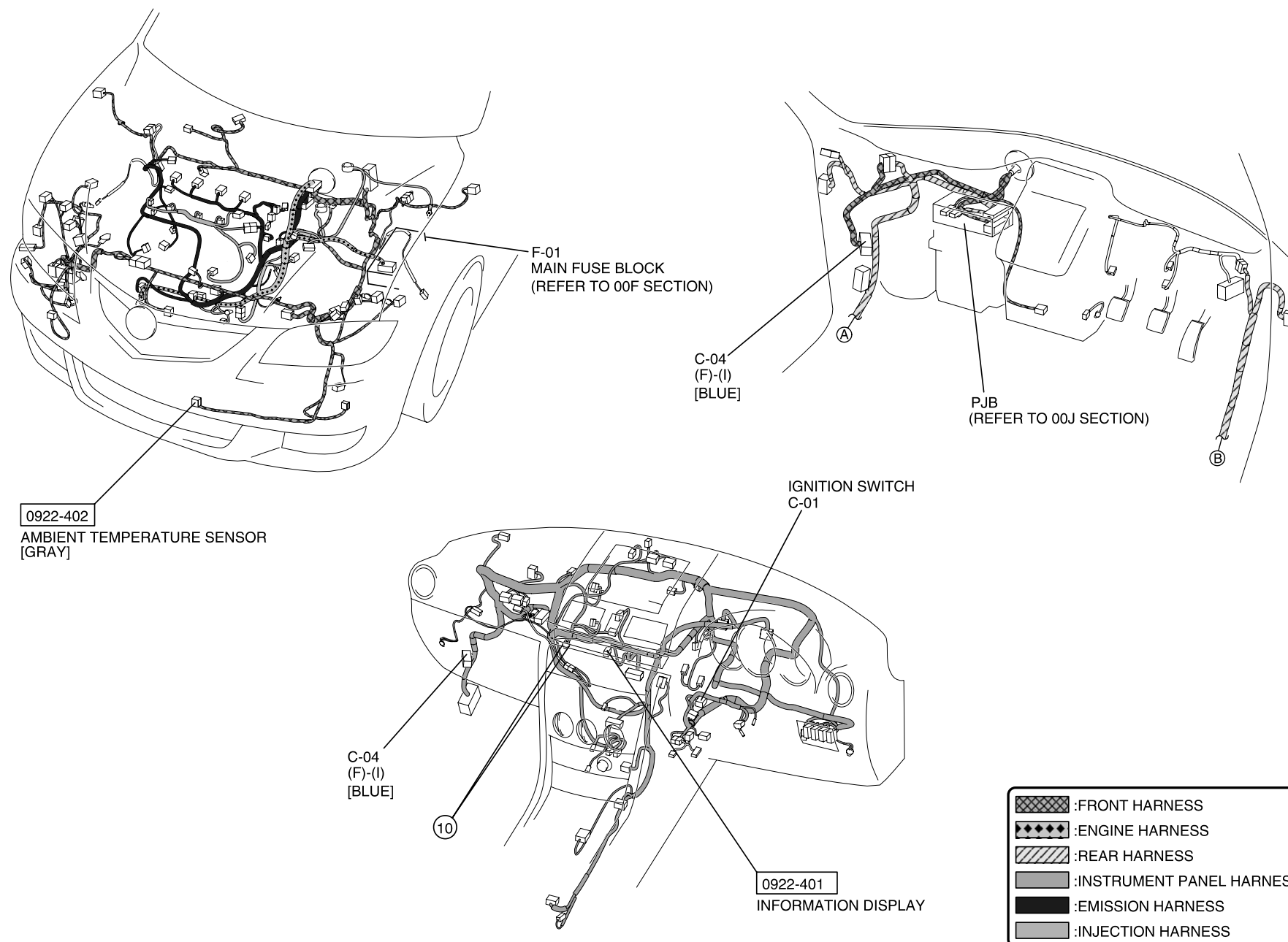


0922-401  
INFORMATION DISPLAY



0922-402  
AMBIENT TEMPERATURE  
SENSOR





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