

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.

MAZDA MX-5

Wiring Diagram

FOREWORD

This wiring diagram incorporates the wiring schematics of the Mazda MX-5 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.

All rights reserved. No part of this book may be reproduced or used in any form or by any means, electronic or mechanical-including photocopying and recording and the use of any kind of information storage and retrieval system-without permission in writing.

Mazda Motor Corporation
HIROSHIMA, JAPAN

APPLICATION:

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

CONTENTS

TITLE	SECTION
GENERAL INFORMATION	00
ENGINE	01
SUSPENSION	02
DRIVELINE/AXLE	03
BRAKES	04
TRANSMISSION/TRANSAXLE	05
STEERING	06
HEATER, VENTILATION & AIR CONDITIONING (HVAC)	07
RESTRAINTS	08
BODY & ACCESSORIES	09
ALPHABETICAL INDEX	AI

©2012 Mazda Motor Corporation
PRINTED IN Australia, SEP. 2012
5907-1A-12I

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

JM0 NC30F2*0 203419-

SYSTEM INDEX

00 GENERAL INFORMATION

R READING WIRING DIAGRAMS

VEHICLE IDENTIFICATION NUMBER (VIN) CODE.....	2
VEHICLE IDENTIFICATION NUMBERS (VIN).....	3
CONTENTS OF WIRING DIAGRAMS	4
GROUND POINTS	5
SYSTEM CIRCUIT DIAGRAM/ CONNECTOR DIAGRAM	6
ROUTING DIAGRAM	8
HARNESS SYMBOLS.....	9
WIRING COLOR CODE	9
SYMBOLS	10
SERVICE WARNING AND CAUTION FOR VEHICLES WITH SRS AIR BAG SYSTEM.....	12
SERVICE WARNING FOR VEHICLES WITH DISCHARGE HEADLIGHT	12
ABBREVIATIONS USED IN THIS MANUAL	12

P ELECTRICAL SYSTEM GENERAL PROCEDURES..... 14

POWER, GROUND & COMMON CONNECTOR

E ELECTRICAL WIRING SCHEMATIC	18
F FUSE BOX	20
C COMMON CONNECTOR LIST	22
G GROUND POINT.....	28

DATA LINK CONNECTOR

D DATA LINK CONNECTOR	32
-----------------------------	----

01 ENGINE

12 COOLING SYSTEM	34
14 FUEL SYSTEM	36
17 CHARGING SYSTEM	38
19 STARTING SYSTEM	40
40 CONTROL SYSTEM	42

04 BRAKES

15 DYNAMIC STABILITY CONTROL	56
------------------------------------	----

05 TRANSMISSION/TRANSAXLE

13 AUTOMATIC TRANSMISSION AUTOMATIC TRANSMISSION CONTROL SYSTEM ...	60
--	----

07 HEATER, VENTILATION & AIR CONDITIONING (HVAC)

40 CONTROL SYSTEM HEATER AND AIR CONDITIONER	66
MAGNETIC CLUTCH CONTROL SYSTEM.....	70

08 RESTRAINTS

10 AIR BAG SYSTEM

AIR BAG SYSTEM (INCLUDES PRE-TENSIONER SEAT BELT INFORMATION)	72
--	----

09 BODY & ACCESSORIES

12 GLASS/WINDOWS/MIRRORS

REAR WINDOW DEFROSTER	76
POWER WINDOW SYSTEM	78
POWER OUTER MIRROR	80

14 SECURITY AND LOCKS

KEYLESS CONTROL MODULE.....	82
IMMOBILIZER SYSTEM.....	88
TRUNK LID OPENER.....	90

16 EXTERIOR TRIM

POWER RETRACTABLE HARDTOP	92
---------------------------------	----

18 LIGHTING SYSTEMS

HEADLIGHT	98
LICENSE PLATE LIGHT	100
PARKING LIGHT.....	100
TAILLIGHT	100
TRUNK COMPARTMENT LIGHT	102
FRONT FOG LIGHT	104
TURN AND HAZARD WARNING LIGHT	106
BACK-UP LIGHT	108
BRAKE LIGHT	110
HIGH-MOUNT BRAKE LIGHT.....	110
ILLUMINATION LIGHT.....	112
MAP LIGHT.....	116

19 WIPER/WASHER SYSTEM

WIPER AND WASHER.....	118
-----------------------	-----

20 ENTERTAINMENT

ACCESSORY SOCKET	120
AUDIO SYSTEM WITHOUT BOSE.....	122
WITH BOSE	126

22 INSTRUMENTATION/DRIVER INFO.

INSTRUMENT CLUSTER.....	134
HORN	142

AI ALPHABETICAL INDEX

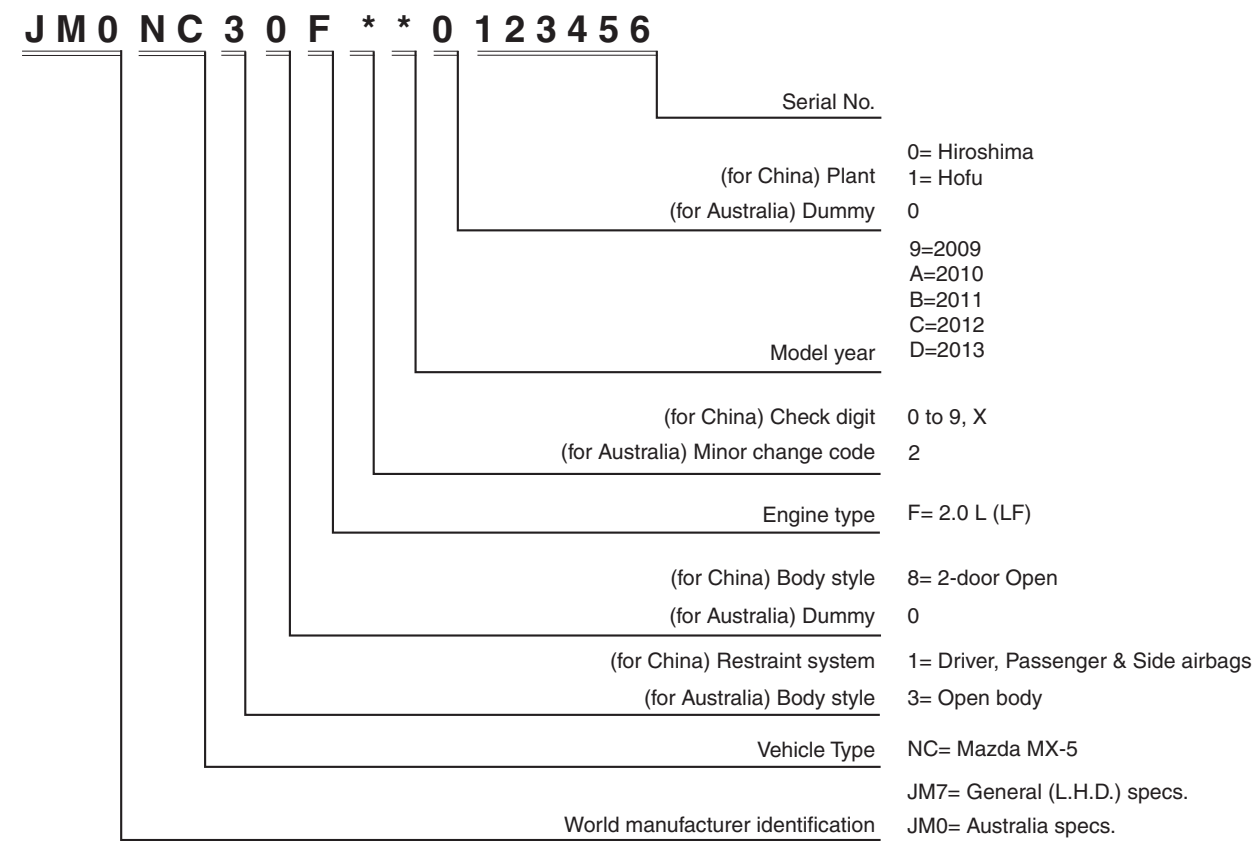
ALPHABETICAL INDEX	144
--------------------------	-----

Two digits (section ID) indicated in front of each title are commonly used with the Workshop Manual.

00R

Reading Wiring Diagrams

VEHICLE IDENTIFICATION NUMBER (VIN) CODE



VEHICLE IDENTIFICATION NUMBERS (VIN)

JM0 NC30F2*0 203419-

CONTENTS OF WIRING DIAGRAMS

- This manual comprises the sections shown below.

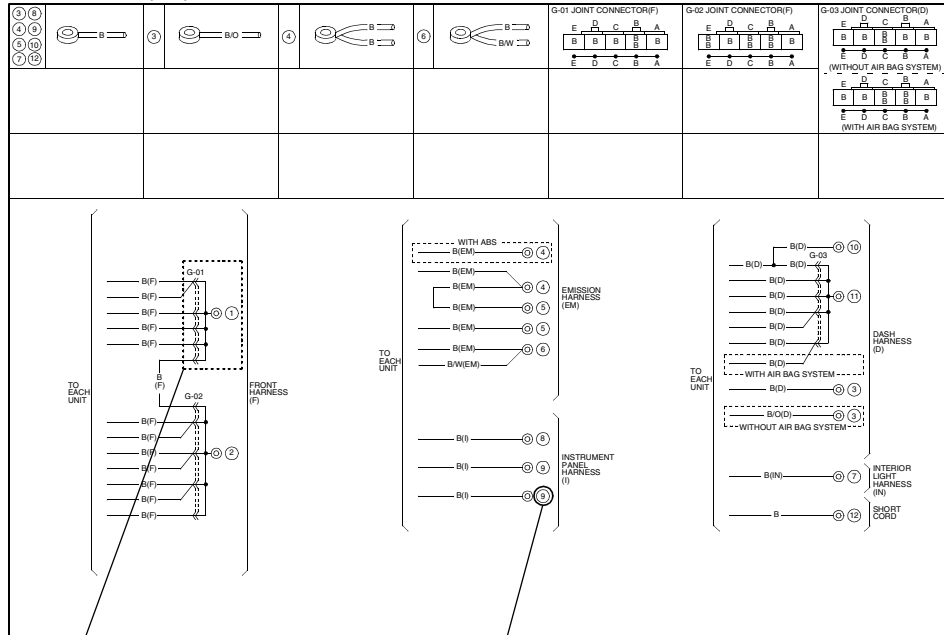
GENERAL INFORMATION	R	Reading wiring diagrams	A how-to on using and reading wiring diagrams, using test equipment, checking harness and connectors, and finding trouble spots
	P	Electrical system general procedures	
	E	Electrical wiring schematic	Shows main fuses and other fuses for each system
	00	F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

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

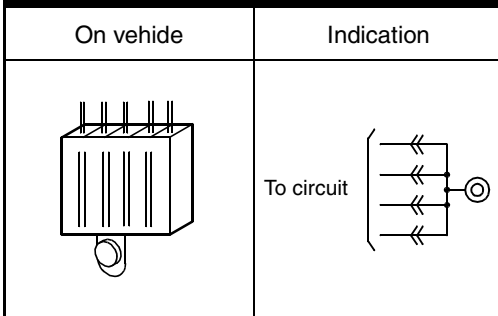
GROUND POINTS

- This shows ground points of the harness.

GROUND POINTS (4SD)



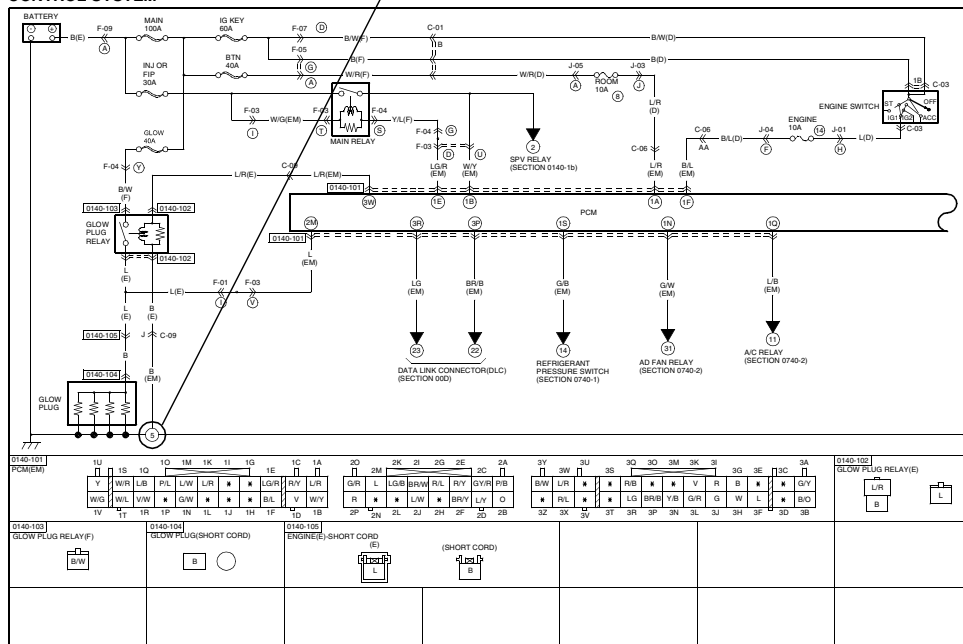
Ground indication



On circuit diagrams and ground points

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

CONTROL SYSTEM

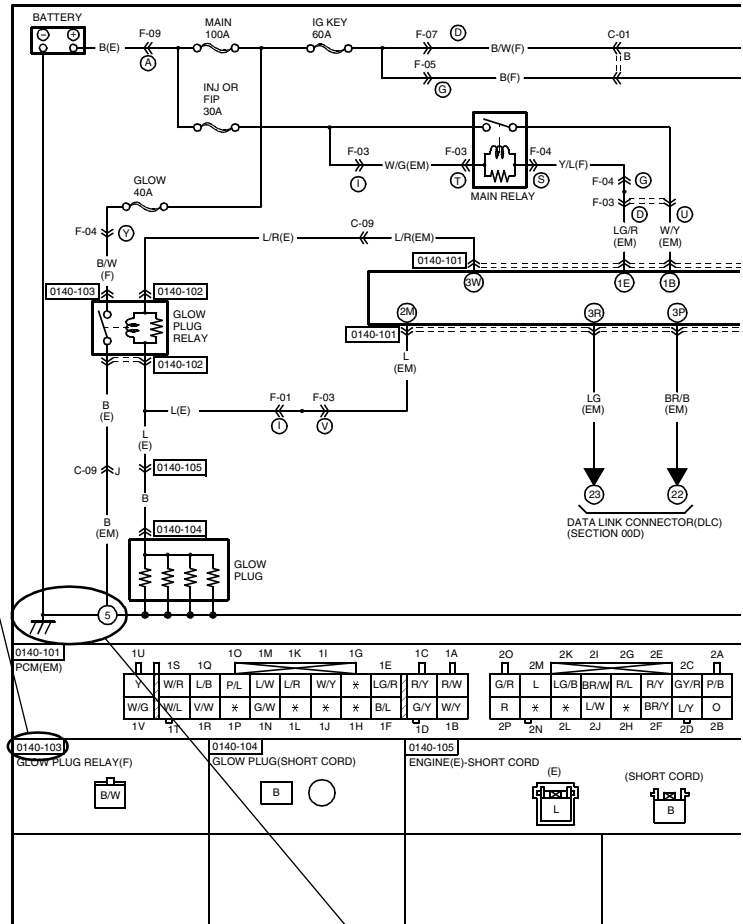


SYSTEM CIRCUIT DIAGRAM/CONNECTOR DIAGRAM

- 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**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
- 0916: Exterior trim
- 0918: Lighting systems connectors
- 0919: Wiper/Washer system connectors
- 0920: Entertainment connectors
- 0921: Power systems
- 0922: Instrumentation/Driver info. Connectors
- 0940: Control system

Ground numbers

A harness ground is represented differently than a unit ground.

Types of grounds	Symbol
Harness 	
Unit 	
Sensor 	

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

System code

Multiplex communication

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

Current symbol

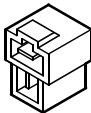


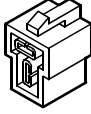


Current flows in the direction of the arrow.

Indicates shielded wire.*

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

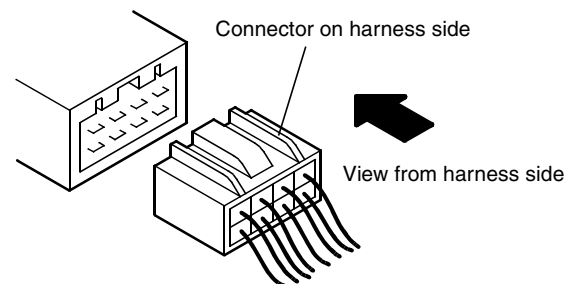
Connector symbols

- 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)



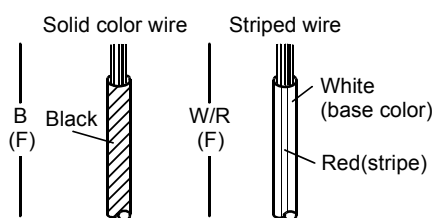
- Colors for connectors except white are given in locations.
- Unused terminals are indicated by *.

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 strip
BR/Y is a brown wire with a yellow strip

Symbol
(Example)



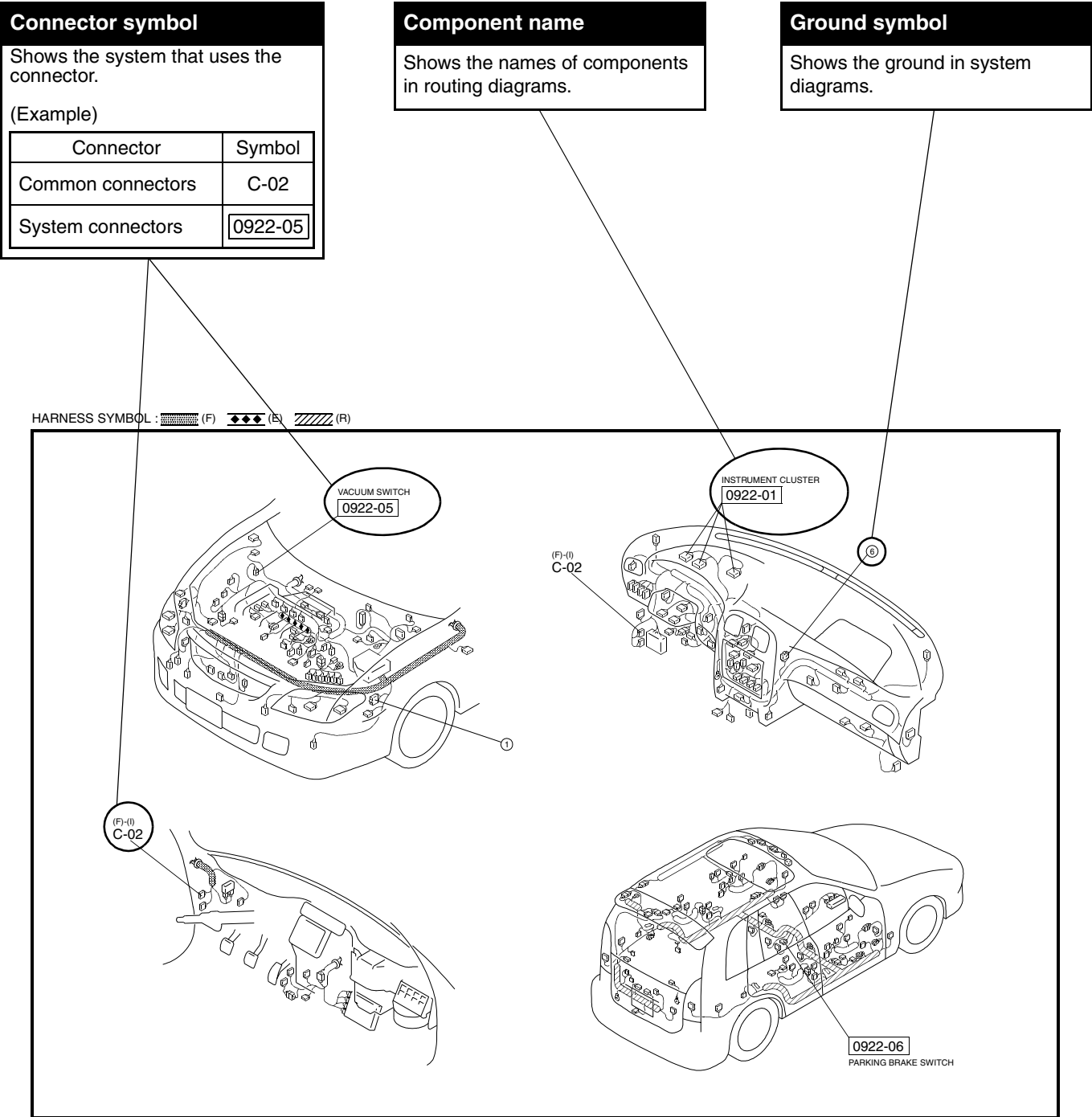
- The harness symbol is in () following the harness symbols (refer to P-9.).

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.



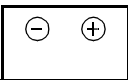

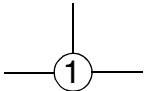

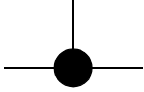
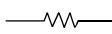
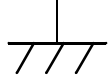




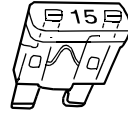
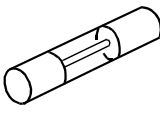
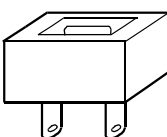
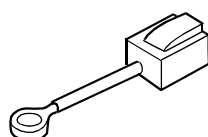

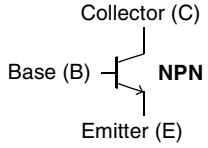


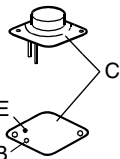

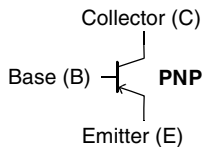

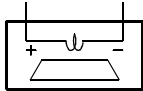
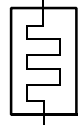
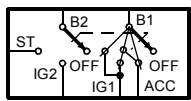
HARNESS SYMBOLS

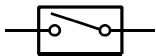


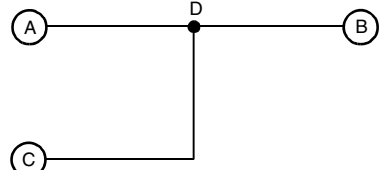

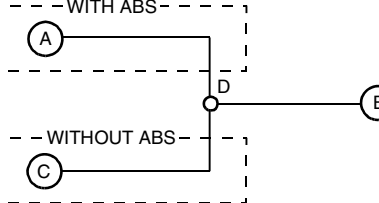

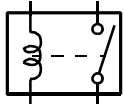
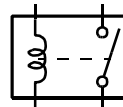
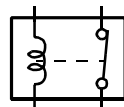
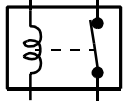
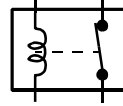
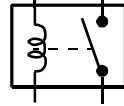

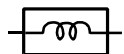



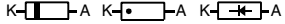



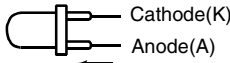
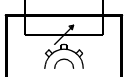


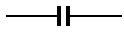
DESCRIPTION OF HARNESS	SYMBOL		DESCRIPTION OF HARNESS	SYMBOL	
FRONT HARNESS	(F)		DOOR No. 1 HARNESS	(DR1)	—
FRONT No. 2 HARNESS	(F2)		DOOR No. 2 HARNESS	(DR2)	
ENGINE HARNESS	(E)		DOOR No. 3 HARNESS	(DR3)	
DASH HARNESS	(D)		DOOR No. 4 HARNESS	(DR4)	
REAR HARNESS	(R)		FLOOR HARNESS	(FR)	—
REAR No. 2 HARNESS	(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)				

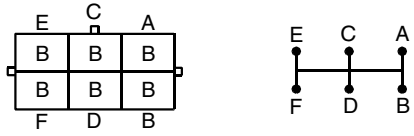
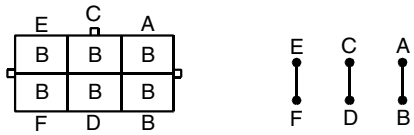
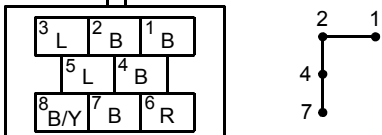
WIRING COLOR CODE

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"> Generates electricity through chemical reaction. Supplies direct current to circuits. 	Light 	<ul style="list-style-type: none"> Emits light and generates heat when current flows through filament.
Ground (1) 	<ul style="list-style-type: none"> Connecting point to vehicle body or other ground wire where current flows from positive to negative terminal of battery. Ground (1) indicates a ground point to body through wire harness. Ground (2) indicates point where component is grounded directly to body. Remarks <ul style="list-style-type: none"> Current will not flow through a circuit if ground is faulty. 		
Ground (2) 		Resistance 	<ul style="list-style-type: none"> A resistor with a constant value. Mainly used to protect electrical components in circuits by maintaining rated voltage.
Ground (3) 		Motor 	<ul style="list-style-type: none"> Converts electrical energy into mechanical energy.
Fuse 	<ul style="list-style-type: none"> Melts when current flow exceeds that specified for circuit, interrupts current flow. Precautions <ul style="list-style-type: none"> Do not replace with fuses exceeding specified capacity. 	Pump 	<ul style="list-style-type: none"> Pulls in and discharges gases and liquids.
Fuse (For high current fuse)/ Fusible link 	<div style="display: flex; justify-content: space-around;"> <div> <p><Blade type></p>  </div> <div> <p><Tube type></p>  </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div> <p><Cartridge type></p>  </div> <div> <p><Fusible link></p>  </div> </div>	Cigarette lighter 	<ul style="list-style-type: none"> Electrical coil that generates heat.
Transistor (1) 	<ul style="list-style-type: none"> Electrical switching component. Turns on when voltage is applied to the base (B). <div style="display: flex; justify-content: space-around;"> <div> <p>Collector indication mark</p>  </div> <div> <p>ECB</p>  </div> <div>  </div> </div>	Accessory socket 	<ul style="list-style-type: none"> Interior power supply.
Transistor (2) 	<ul style="list-style-type: none"> Reading code. <div style="display: flex; align-items: center;"> <div style="margin-right: 10px;"> <p>2 S C 828 A</p> <p>Semiconductor Number of terminals</p> </div> <div> <p>Revision mark</p> <p>A: High-frequency PNP B: Low-frequency PNP C: High-frequency NPN D: Low-frequency NPN</p> </div> </div>	Horn 	<ul style="list-style-type: none"> Generates sound when current flows.
		Speaker 	
		Heater 	<ul style="list-style-type: none"> Generates heat when current flows.
		Ignition switch 	<ul style="list-style-type: none"> Turning ignition key switches circuit to operate various component. (NOTE) Ignition switch is called engine switch on diesel vehicles.

Symbol	Meaning	Symbol	Meaning
Switch (1)  Normally open	<ul style="list-style-type: none">Allows or breaks current flow by opening and closing circuits.	Harness Connection  When circuit C-D is connected to circuit A-B, the connection D is indicated by a black dot. Selection  Diversion point D for the different circuits according to the vehicle's specification is indicated by a white dot.	 For vehicles with ABS, use the A-B circuit.
Switch (2)  Normally closed			 For vehicles without ABS, use the C-B circuit.
Autostop switch 			
Relay (1)  Normally open	<ul style="list-style-type: none">Current flowing through coil produces electromagnetic force causing contact to open or close. <div><p>No current to coil</p> No flow</div> <div><p>Current to coil</p> Flow</div>		
Relay (2)  Normally closed	<ul style="list-style-type: none">Current flowing through coil produces electromagnetic force causing contact to close. <div><p>No current to coil</p> Flow</div> <div><p>Current to coil</p> No flow</div>		
Sensor (1) 	<ul style="list-style-type: none">Detects characteristics such as intake manifold vacuum and airflow amount according to resistance variation.	Solenoid 	<ul style="list-style-type: none">Current flowing through coil generates electromagnetic force to operate plungers.
Sensor (2) 	<ul style="list-style-type: none">Detects resistance variation according to operation of other parts.	Diode 	<ul style="list-style-type: none">Known as a semiconductor rectifier, the diode allows current flow in one direction only. <div><p>Cathode(K)  Anode(A) ← Flow of electric current</p><p></p></div>
Sensor (3) 	<ul style="list-style-type: none">A resistor whose resistance variation according to temperature variation.When temperature increases, resistance decreases.	Light-emitting diode (LED) 	<ul style="list-style-type: none">A diode that lights when current flows.Unlike ordinary bulbs, the diode does not generate heat when lit. <div><p>Cathode(K)  Anode(A)</p><p></p><p>Flow of current</p></div>
Sensor (4) 	<ul style="list-style-type: none">Detects pulse signals from rotating object.	Reference diode (Zener diode) 	<ul style="list-style-type: none">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.
Sensor (5) 	<ul style="list-style-type: none">Generates potential difference when tension or pressure is applied.		
Capacitor 	<ul style="list-style-type: none">Component that temporarily stores electrical charge.		

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

SERVICE WARNING AND CAUTION FOR VEHICLES WITH SRS AIR BAG SYSTEM

If the SRS air bag system inspection is not performed correctly in accordance with the workshop manual procedures it could cause the system to operate (deploy) accidentally, resulting in injury.

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

SERVICE WARNING FOR VEHICLES WITH DISCHARGE HEADLIGHTS

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

Always follow the service warnings and cautions in the workshop manual 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 RATIO
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
MIX	MIXTURE
MPX	MULTIPLEX
MS	MIDDLE SPEED
MT	MANUAL TRANSMISSION
MTX	MANUAL TRANSAXLE
N	NEUTRAL
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
O ₂ S	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
RF	RIGHT FRONT
RH	RIGHT HAND
RPM	REVOLUTIONS PER MINUTE
RR	RIGHT REAR
SAS	SOPHISTICATED AIR BAG SENSOR
SFI	SEQUENTIAL MULTIPOINT 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

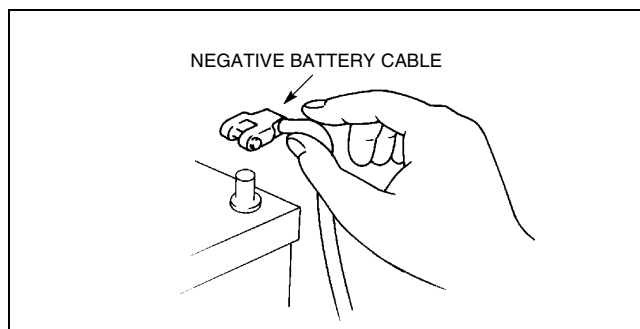
00P Electrical System General Procedures

ELECTRICAL PARTS

B6U000000006W03

Battery Cable

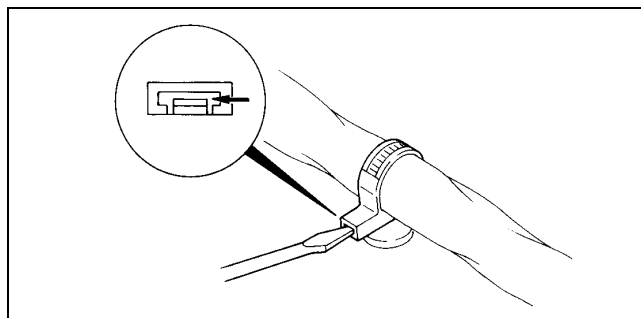
- Before disconnecting connectors or removing electrical parts, disconnect the negative battery cable.



WGIWXX0007E

Wiring Harness

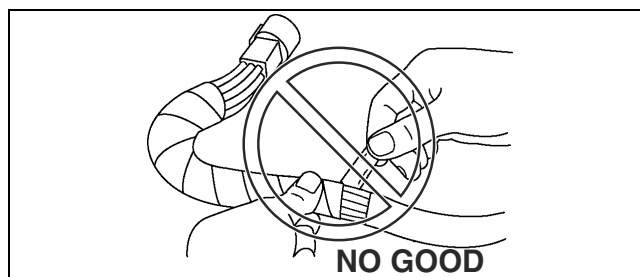
- To remove the wiring harness from the clip in the engine room, pry up the hook of the clip using a flathead screwdriver.



WGIWXX0039E

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.

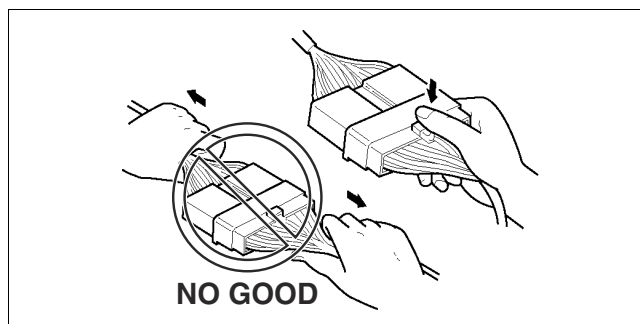


WGIWXX0040E

CONNECTORS

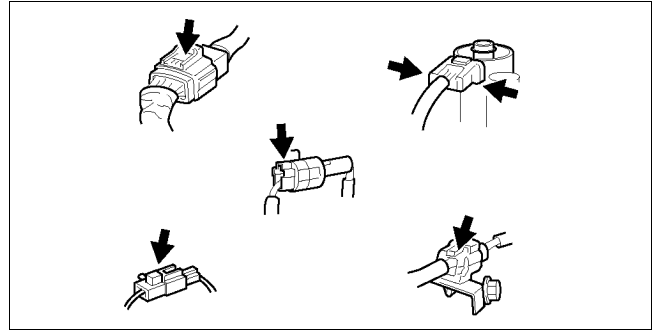
Disconnecting Connectors

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



WGIWXX0041E

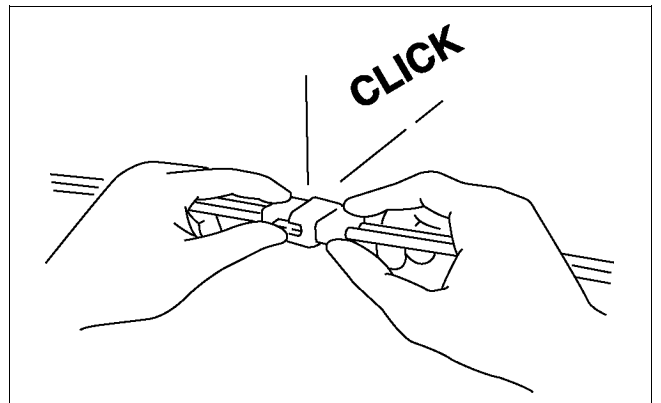
- Connectors can be disconnected by pressing or pulling the lock lever as shown.



WGIWXX0042E

Locking Connector

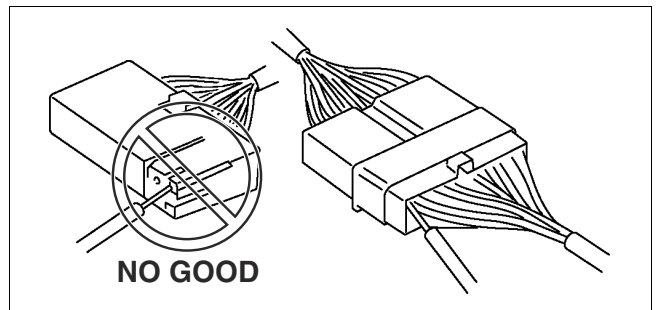
- When locking connectors, listen for a click indicating they are securely locked.



X3U000WB1

Inspection

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

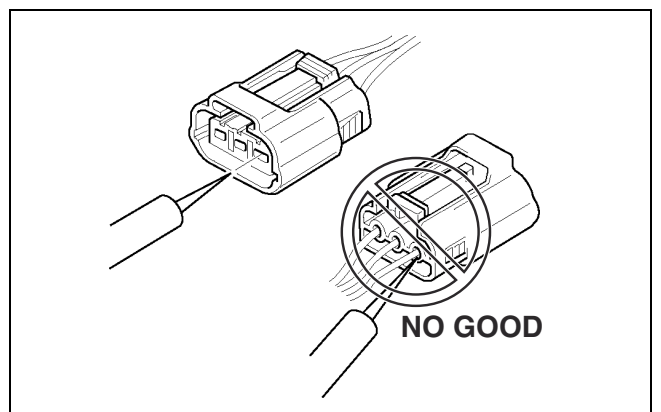


WGIWXX0044E

- 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.



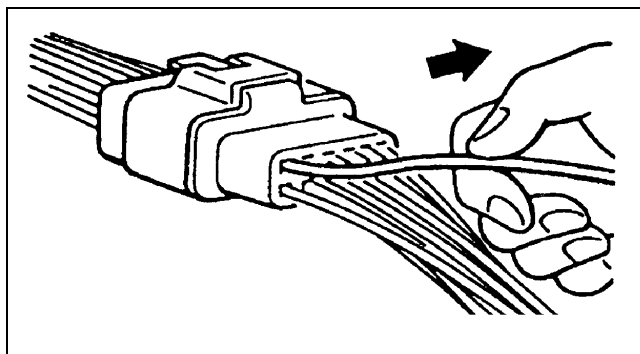
WGIWXX0045E

00P Electrical System General Procedures

Terminals

Inspection

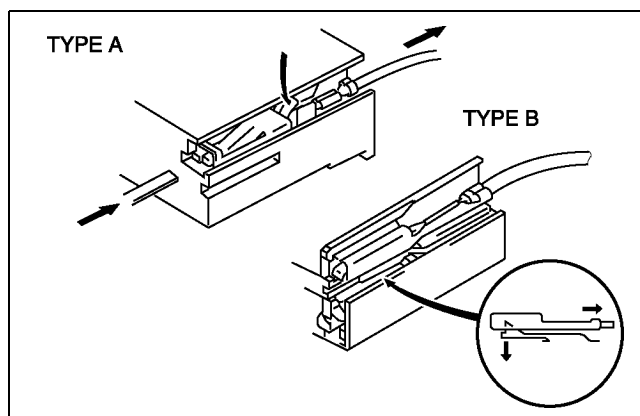
- Pull lightly on individual wires to verify that they are secured in the terminal.



X3U000WB4

Replacement

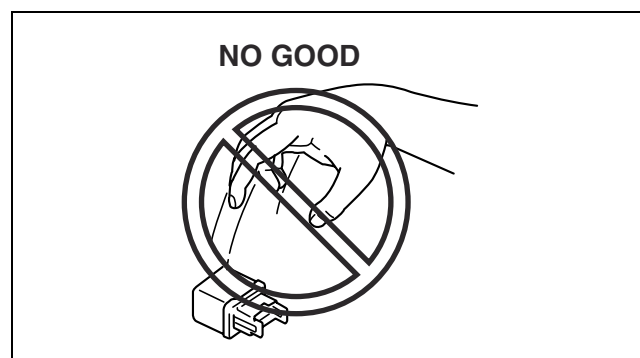
- Use the appropriate tools to remove a terminal as shown. When installing a terminal, be sure to insert it until it locks securely.
- Insert a thin piece of metal from the terminal side of the connector and with the terminal locking tab pressed down, pull the terminal out from the connector.



X3U000WB5

Sensors, Switches, And Relays

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

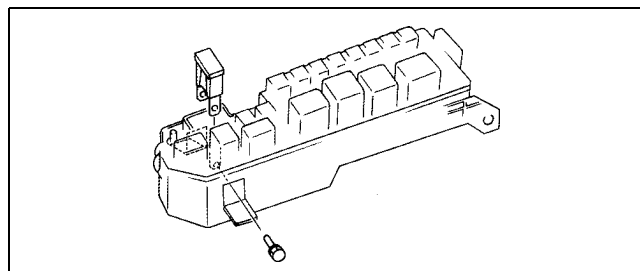


X3U000WB6

Fuse

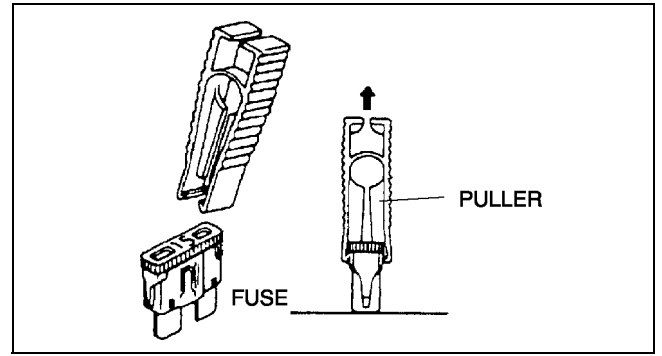
Replacement

- 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

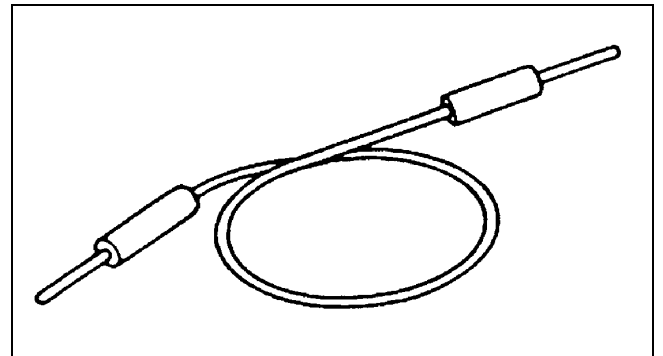
ELECTRICAL TROUBLESHOOTING TOOLS

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

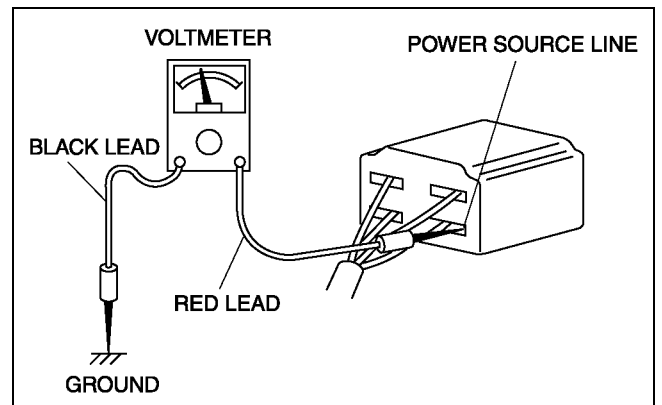
- Do not connect a jumper wire from the power source line to a body ground. This may cause burning or other damage to wiring harnesses or electronic components.**



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.



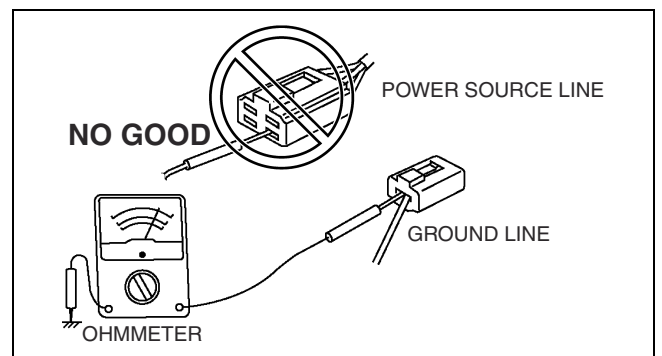
X3U000WBC

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

18

18



**THIS PAGE INTENTIONALLY
LEFT BLANK**

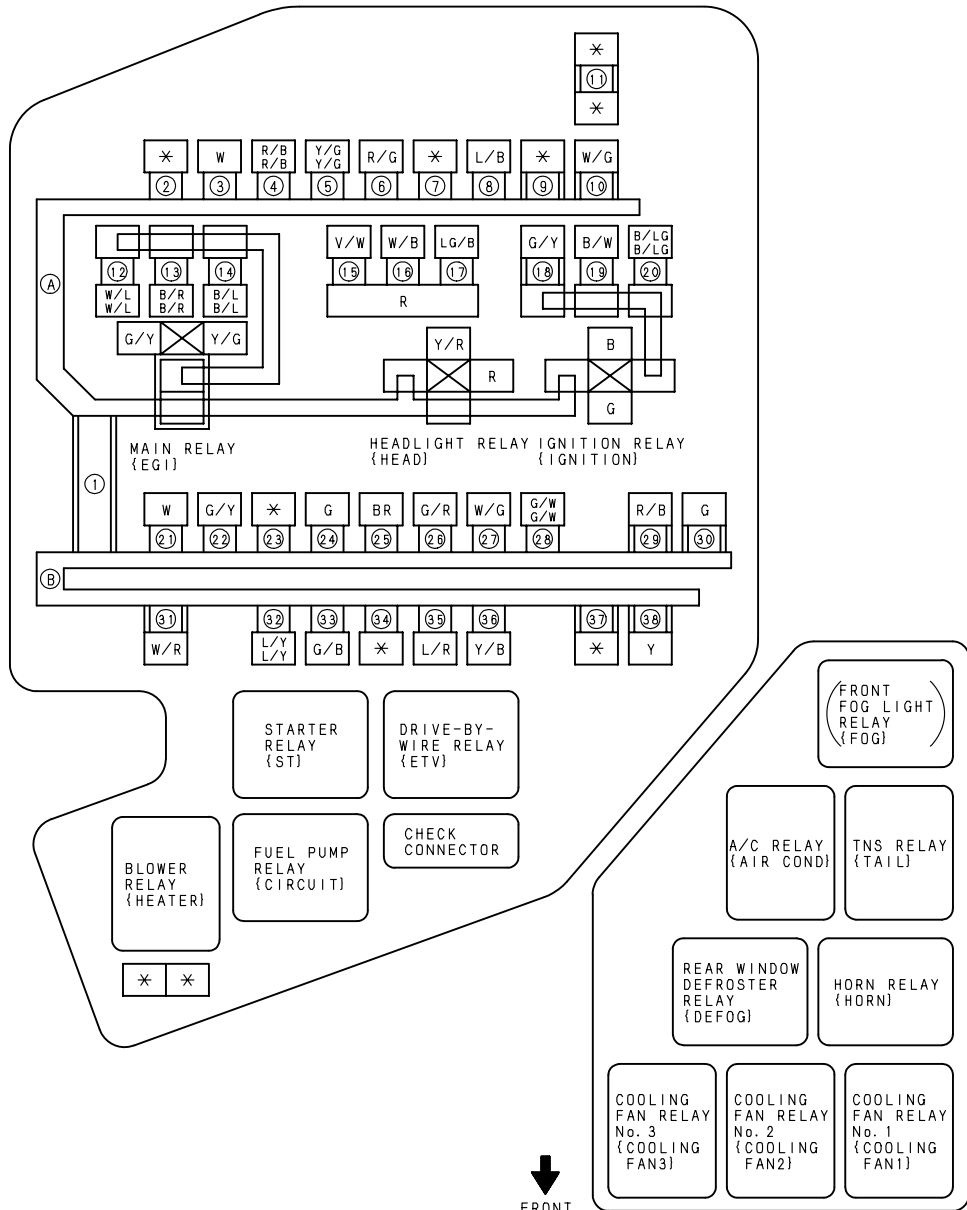
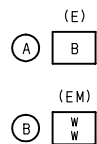
FUSE BOX

00F-1

F-01 RELAY AND MAIN FUSE BLOCK

(F)

* ... VACANT



NOTE: SEEN FROM TERMINAL SIDE

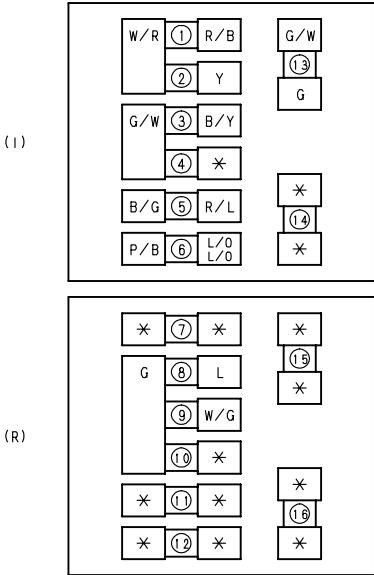
NO.	FUSE NAME	FUSE	NO.	FUSE NAME	FUSE
1	MAIN	120A	20	WIPER	20A
2	(DRL)	15A	21	(ABS)	30A
3	HORN	15A	22	(FOG)	15A
4	STOP	10A	23	(R. FOG)	7. 5A
5	ETV	10A	24	(RHT L)	30A
6	FUEL PUMP	15A	25	(RHT R)	30A
7	*	*	26	MAG	7. 5A
8	HAZARD	10A	27	ST	20A
9	(P. WIND2)	20A	28	TAIL	15A
10	IG KEY1	40A	29	(ABS)	40A
11	*	*	30	(BTN)	30A
12	EGI INJ	10A	31	FAN	30A
13	EGI COMP1	10A	32	FAN	7. 5A
14	EGI COMP2	10A	33	DEFOG	20A
15	HEAD LOW L	15A	34	(H/CLEAN)	20A
16	HEAD LOW R	15A	35	ROOM	15A
17	HEAD	15A	36	IG KEY2	15A
18	(P. WIND)	20A	37	*	*
19	ENGINE	15A	38	HEATER	40A

{ } NAME INDICATED ON FUSE BOX COVER
() IF EQUIPPED

FUSE BOX

F-02 FUSE BLOCK

* . . . VACANT



NOTE:SEEN FROM TERMINAL SIDE

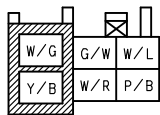
NO.	FUSE NAME	FUSE	NO.	FUSE NAME	FUSE
①	ACC	7. 5A	⑨	(D. LOCK)	20A
②	AUX PWR	15A	⑩	(SILEN)	7. 5A
③	METER	15A	⑪	*	*
④	(SEAT WARM)	20A	⑫	*	*
⑤	ILLUMI	7. 5A	⑬	ENGINE	7. 5A
⑥	A/C	7. 5A	⑭	*	*
⑦	(M. DEF)	7. 5A	⑮	*	*
⑧	(AUDIO)	20A	⑯	*	*

() IF EQUIPPED

COMMON CONNECTOR LIST

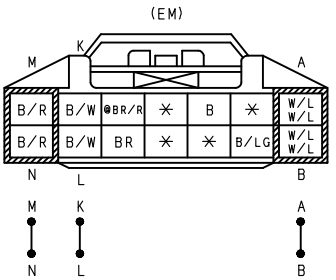
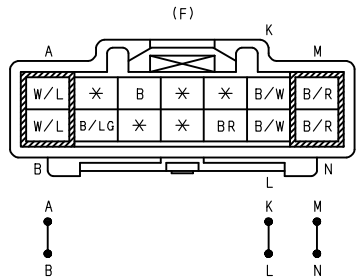
00C-1

C-01 IGNITION SWITCH (I)



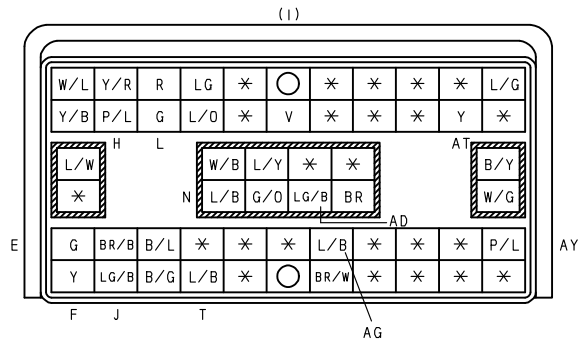
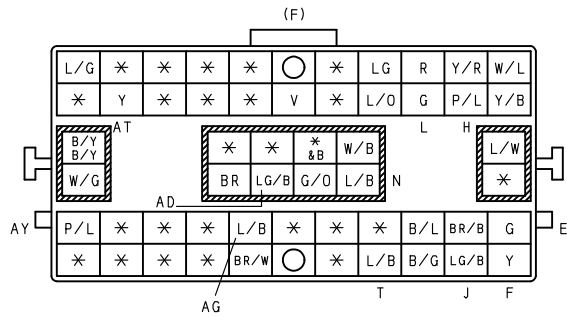
C-02 FRONT (F) -EMISSION (EM)

* ... VACANT
@ ... NOT USED



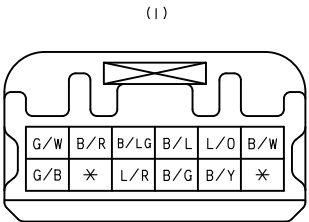
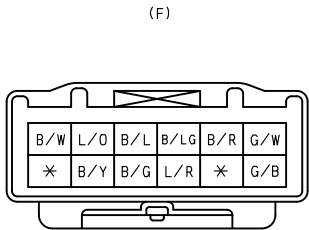
C-03 FRONT (F) -INSTRUMENT PANEL (I)

* ... VACANT
& ... MT



C-04 FRONT (F) -INSTRUMENT PANEL (I)

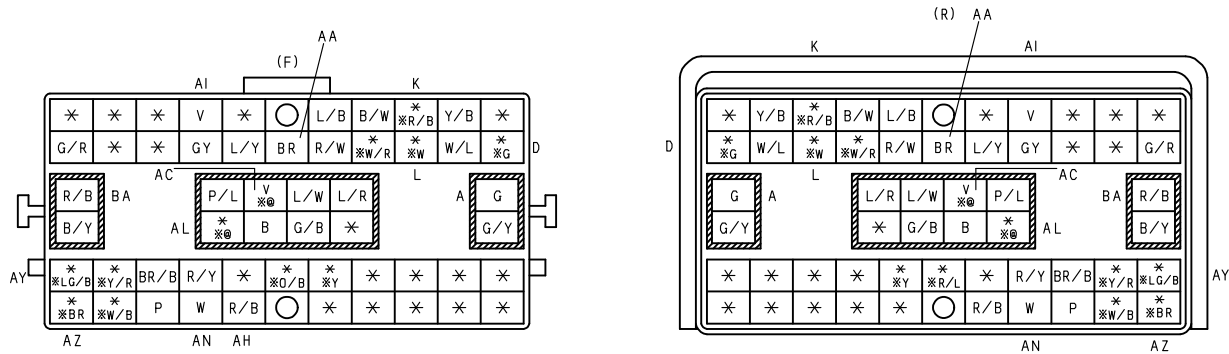
* ... VACANT



COMMON CONNECTOR LIST

C-05 FRONT (F) -REAR (R)

* ... VACANT
※ ... AT
◎ ... BARE WIRE



C-06 FRONT (F) -REAR (R)

* ... VACANT



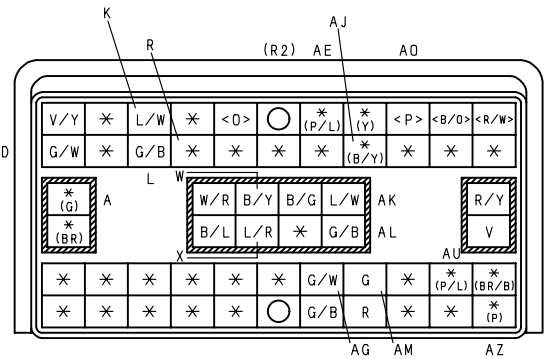
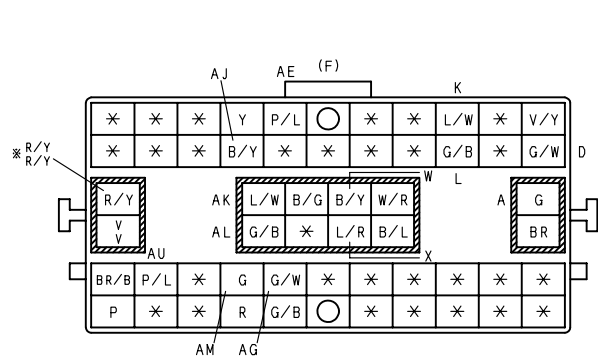
C-07 INSTRUMENT PANEL (I) -REAR (R)

* ... VACANT
< > ... NOT USED



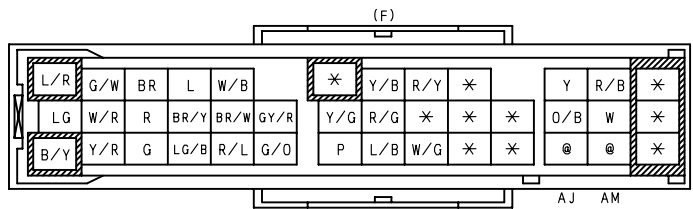
C-08 FRONT (F) -REAR No. 2 (R2)

* ... VACANT
* ... AT
() ... WITH POWER RETRACTABLE HARDTOP
< > ... NOT USED

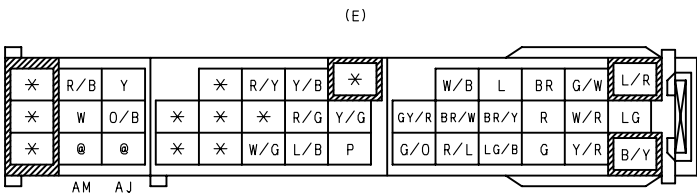


C-10 FRONT (F) -ENGINE (E)

* ... VACANT
@ ... BARE WIRE

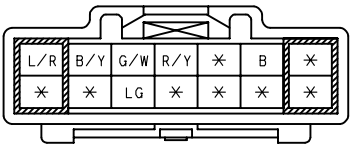


AT



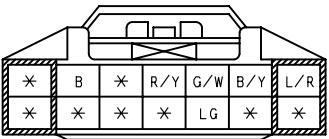
* ... VACANT

(F)



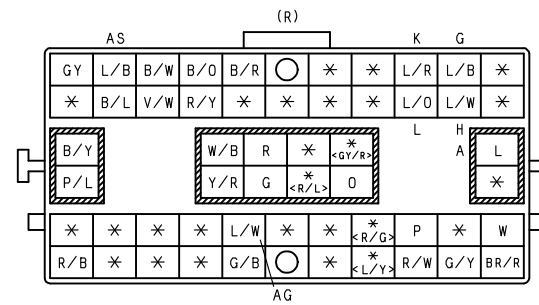
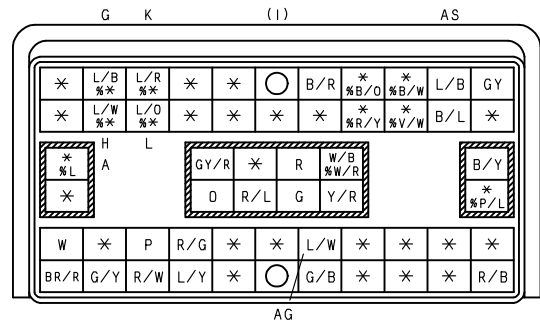
MT

(E)



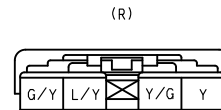
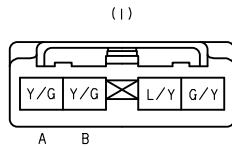
COMMON CONNECTOR LIST

C-11 INSTRUMENT PANEL (I) -REAR (R)

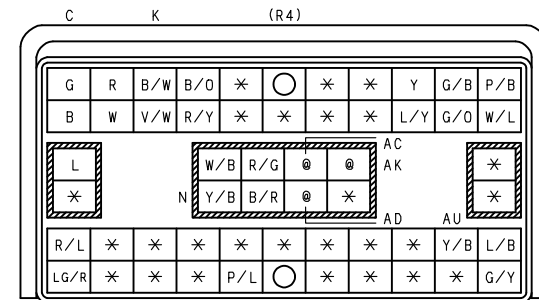
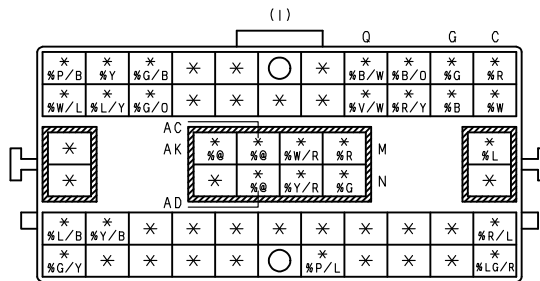


* ... VACANT
% ... WITH BOSE
< > ... AT

C-13 INSTRUMENT PANEL (I) -REAR (R)



C-14 INSTRUMENT PANEL (I) -REAR No. 4 (R4)



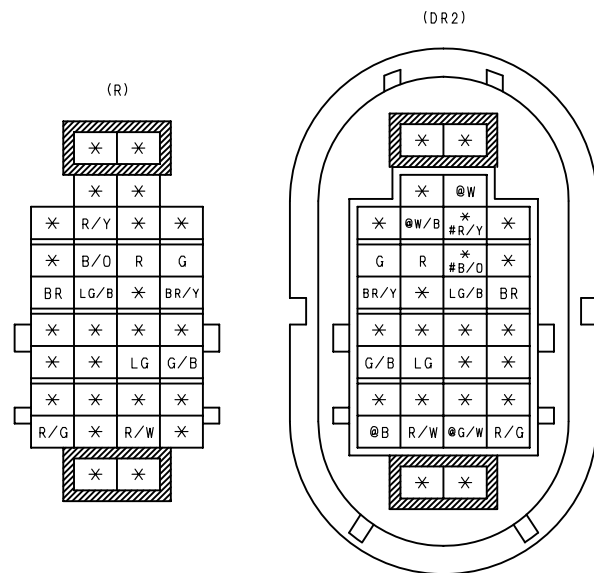
* ... VACANT
@ ... BARE WIRE
% ... WITH BOSE

COMMON CONNECTOR LIST

00C-5

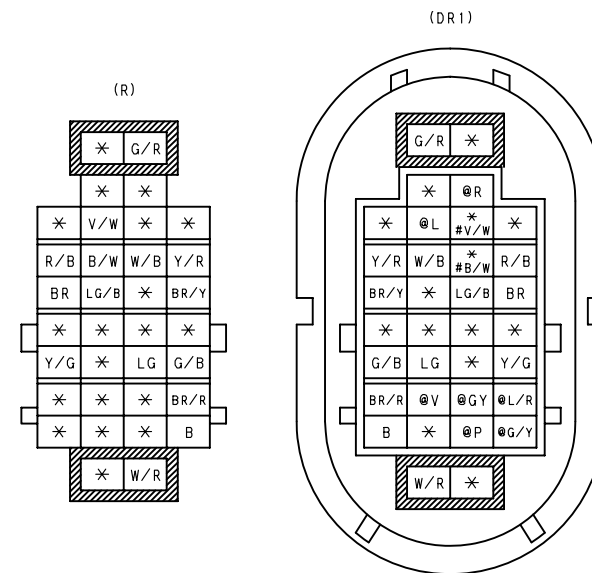
C-15 REAR (R) -DOOR No. 2 (DR2)

* ... VACANT
... WITH BOSE
@ ... NOT USED



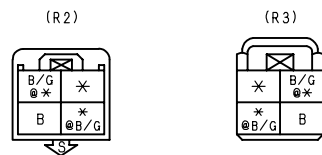
C-16 REAR (R) -DOOR No. 1 (DR1)

* ... VACANT
... WITH BOSE
@ ... NOT USED



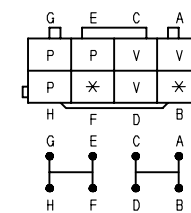
C-17 REAR No. 2 (R2) -REAR No. 3 (R3)

* ... VACANT
@ ... WITH POWER
RETRACTABLE HARDTOP



C-21 JOINT CONNECTOR (R4)

* ... VACANT



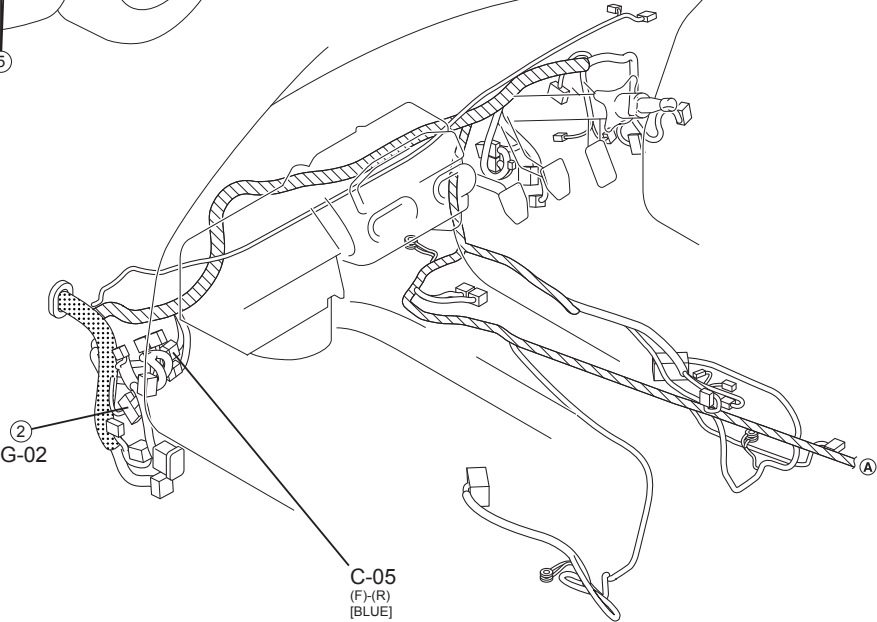
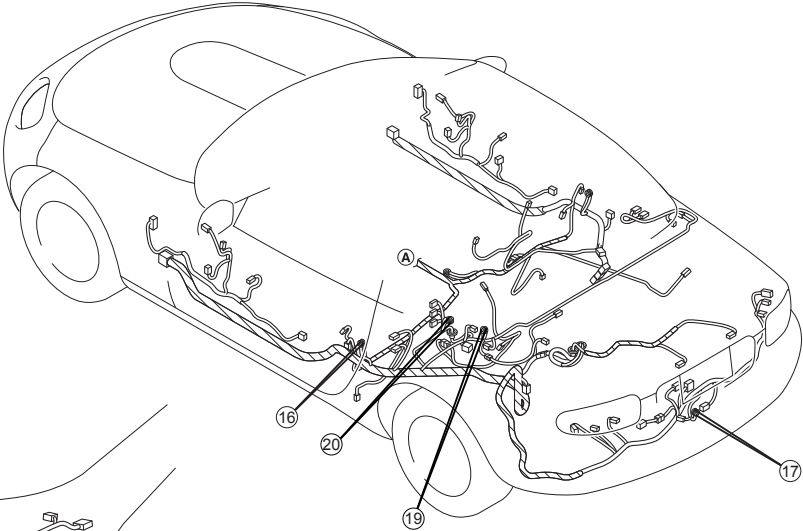
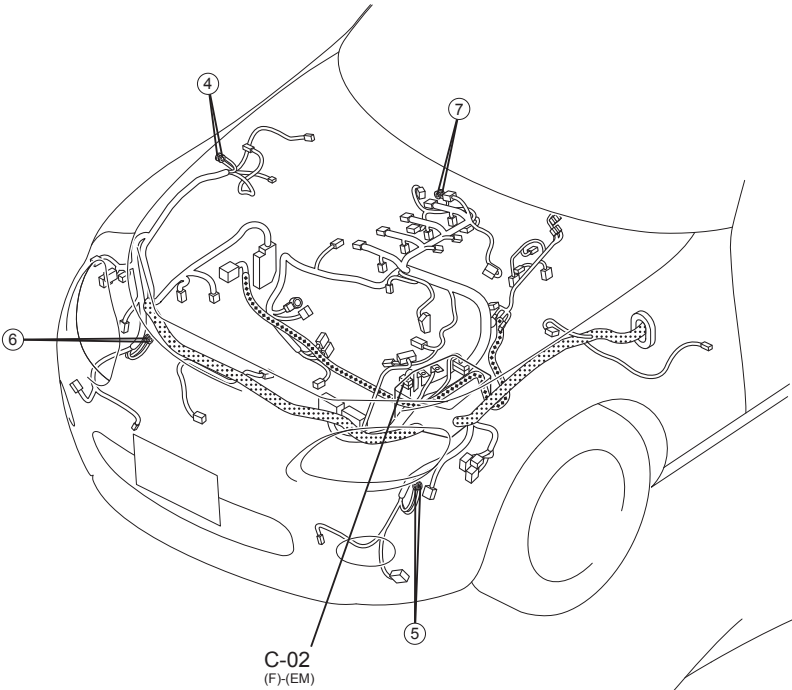
**THIS PAGE INTENTIONALLY
LEFT BLANK**

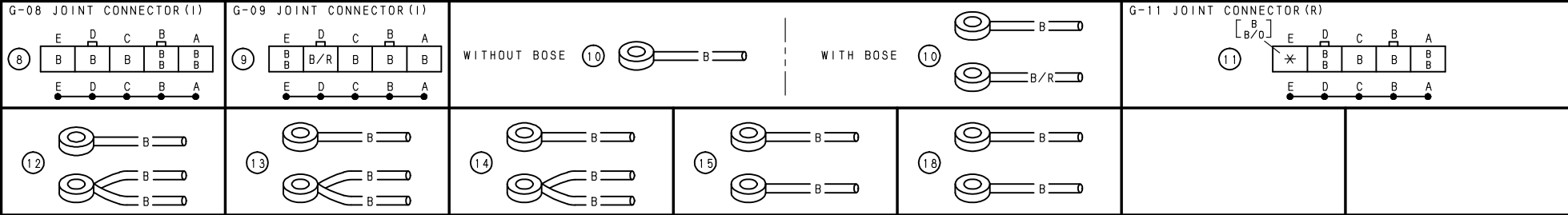
G-02 JOINT CONNECTOR (F)

16

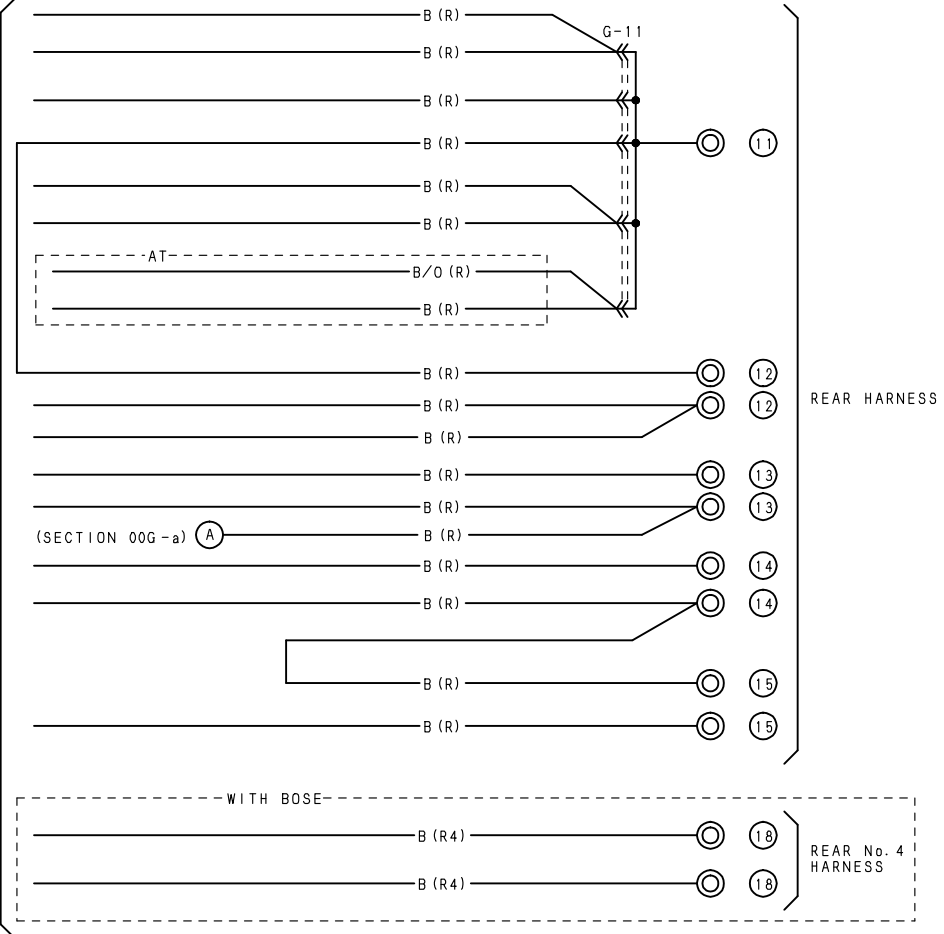
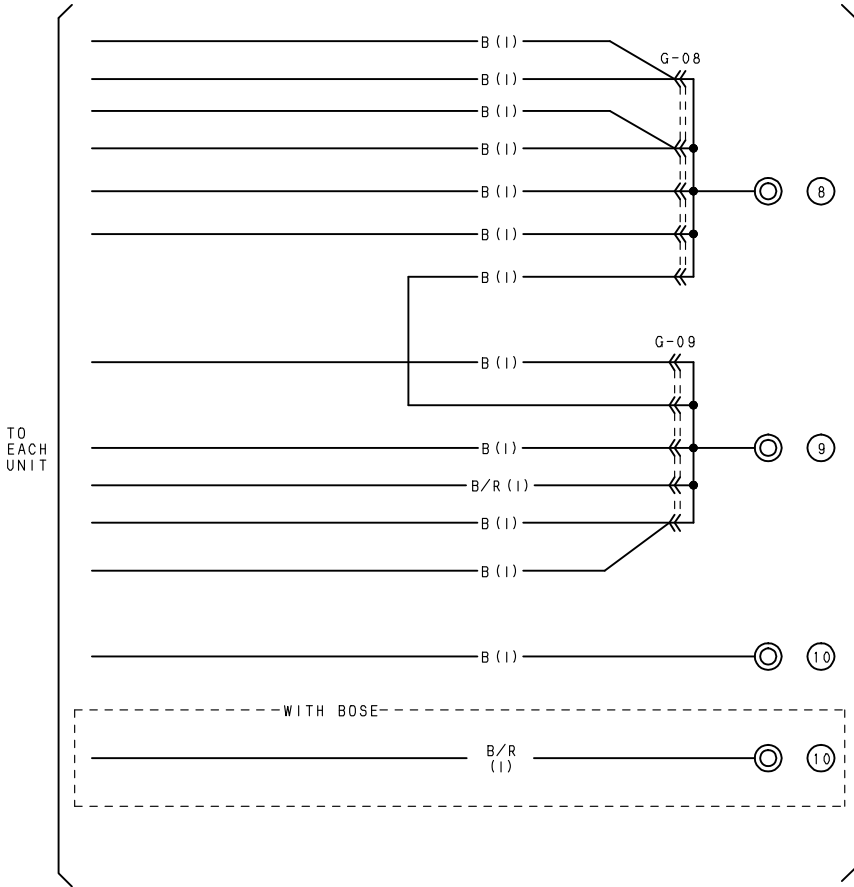


HARNESS SYMBOL:  (F)  (E)  (R)

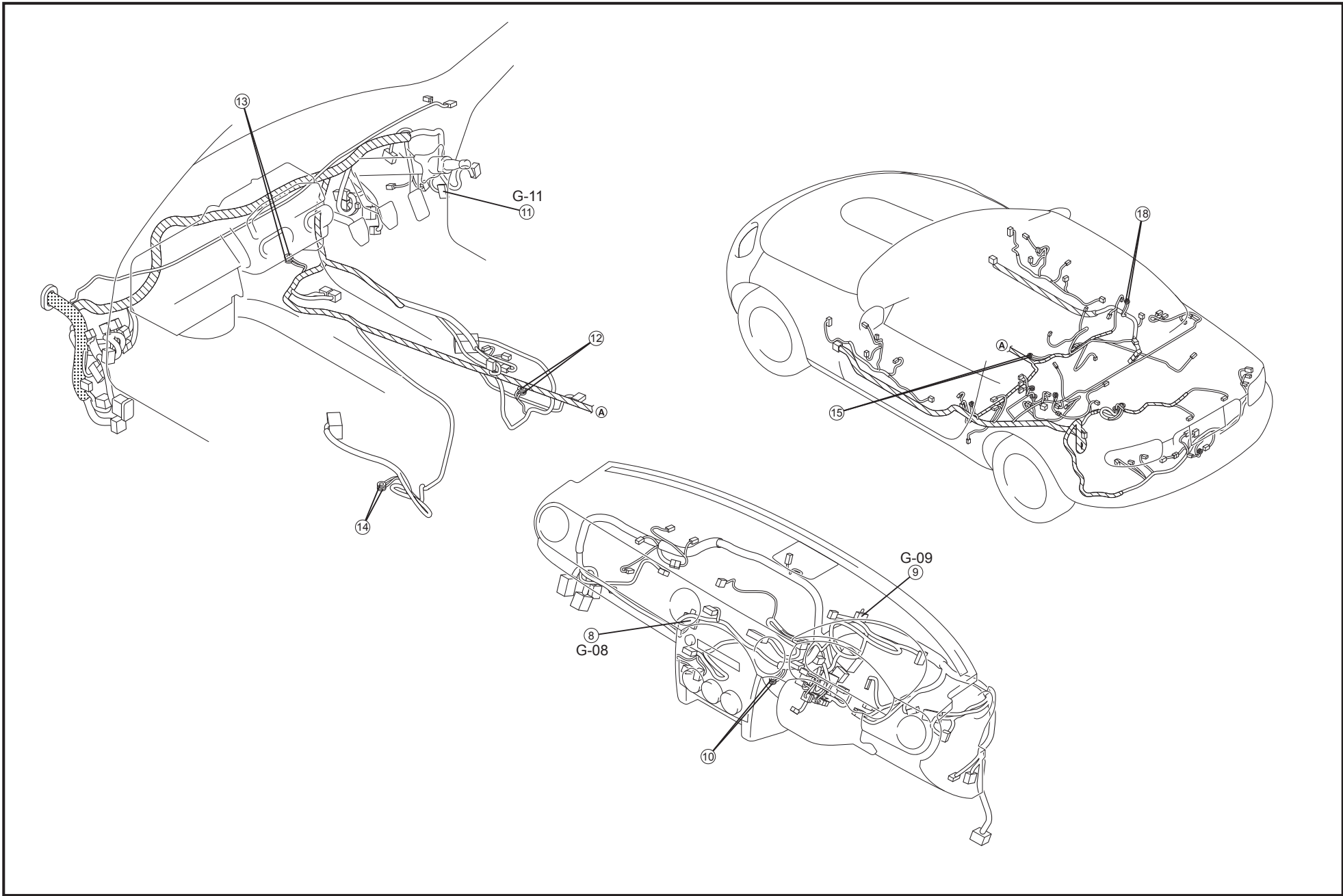


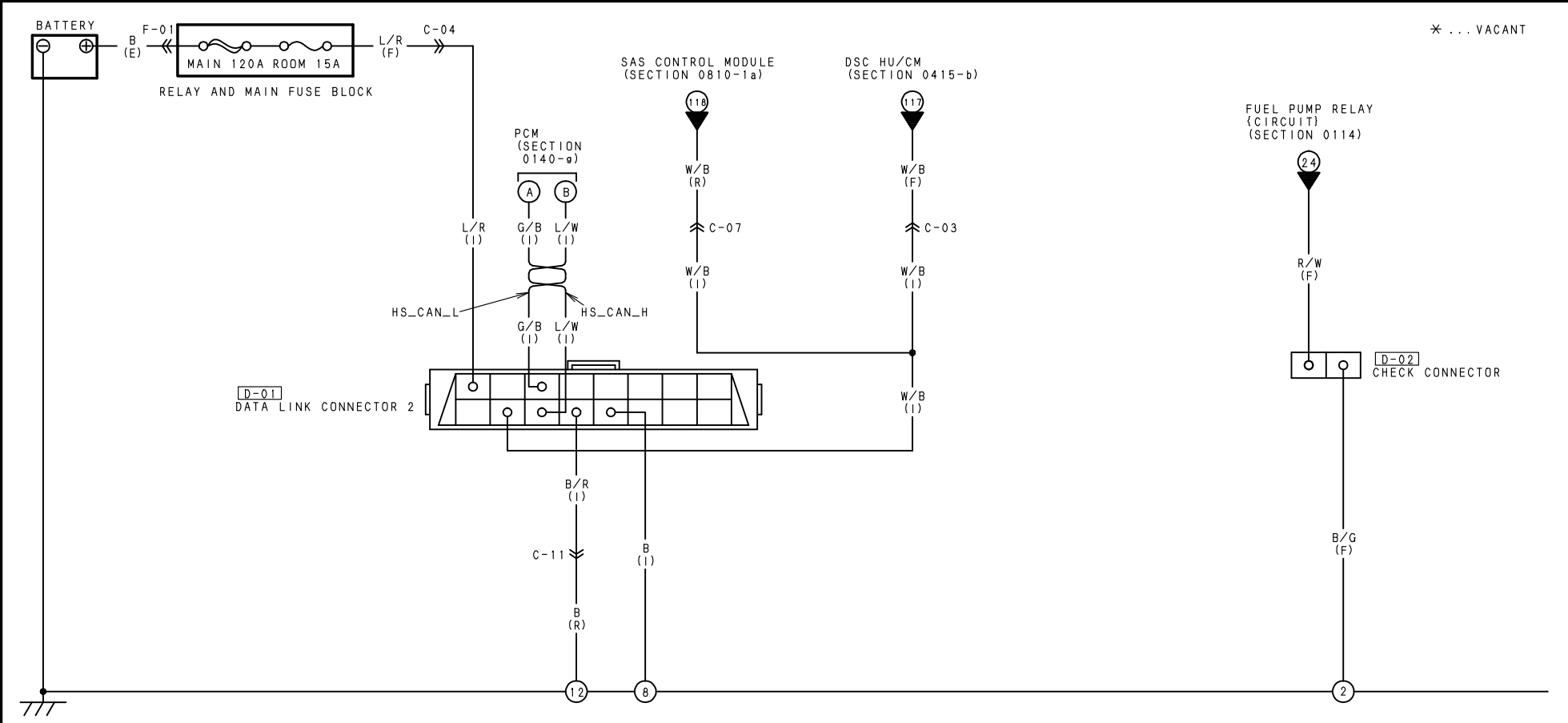


* ... VACANT { } ... WITH BOSE [] ... AT



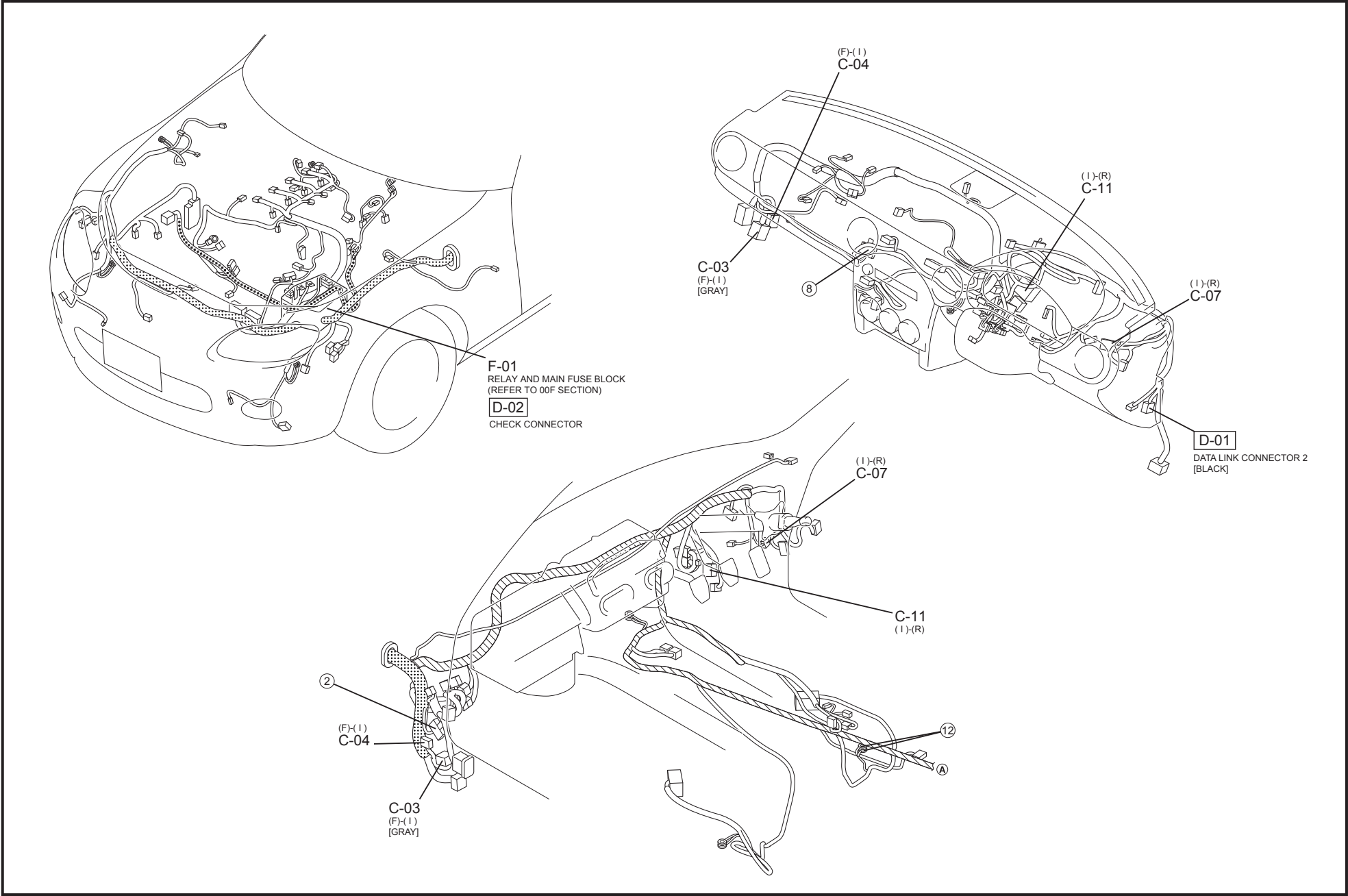
HARNESS SYMBOL:  (F)  (E)  (R)

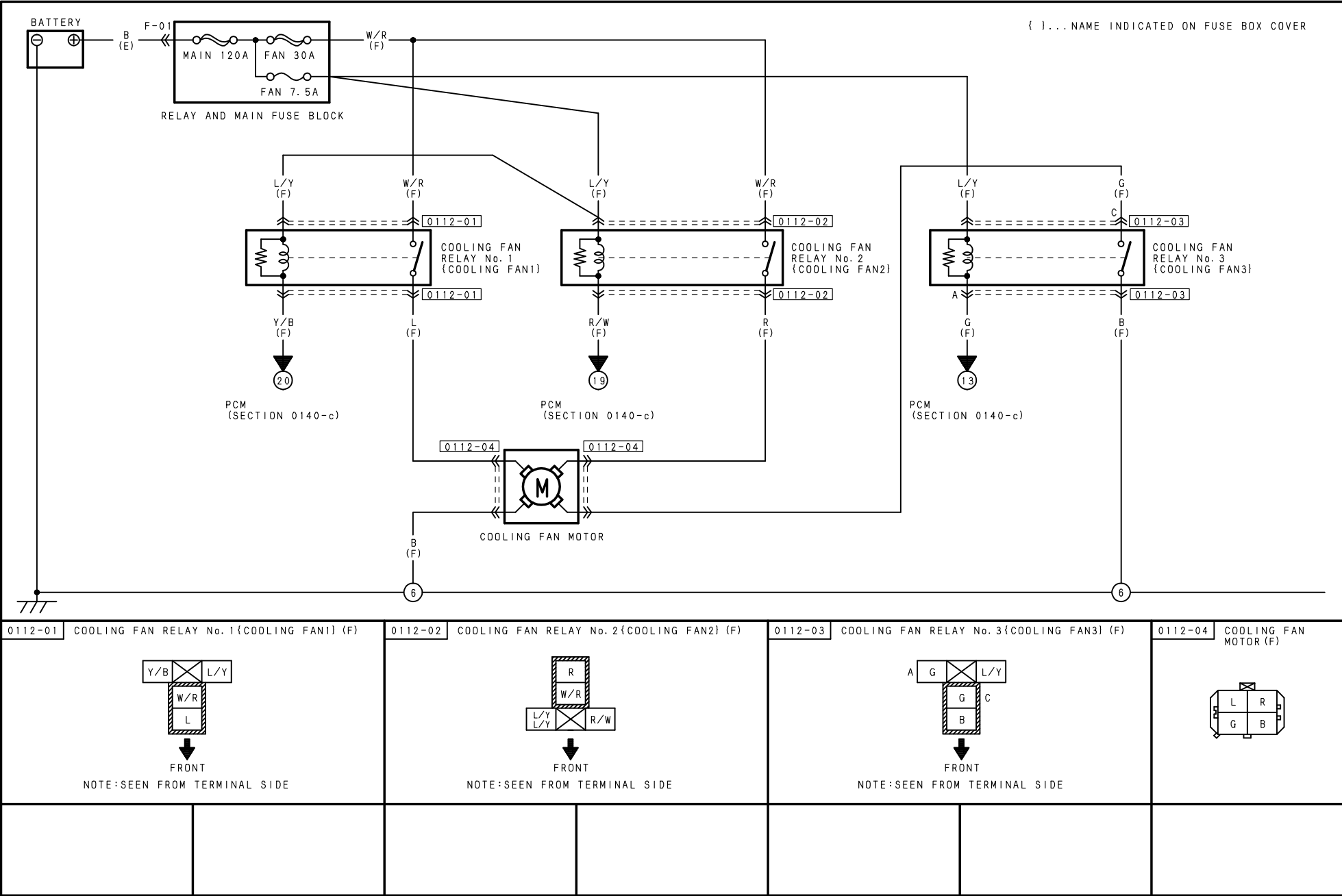




D-01 DATA LINK CONNECTOR 2 (I)		D-02 CHECK CONNECTOR (F)			
NOTE: SEEN FROM TERMINAL SIDE		NOTE: SEEN FROM TERMINAL SIDE			

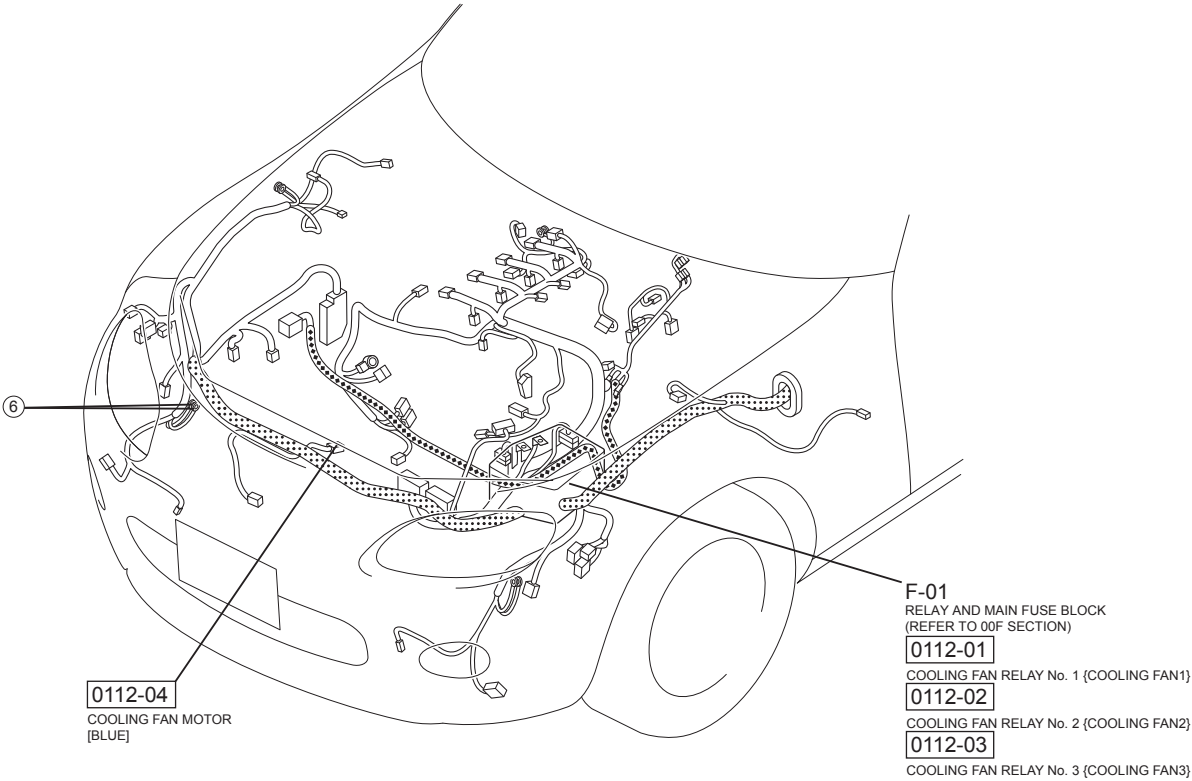
HARNESS SYMBOL:  (F)  (E)  (R)



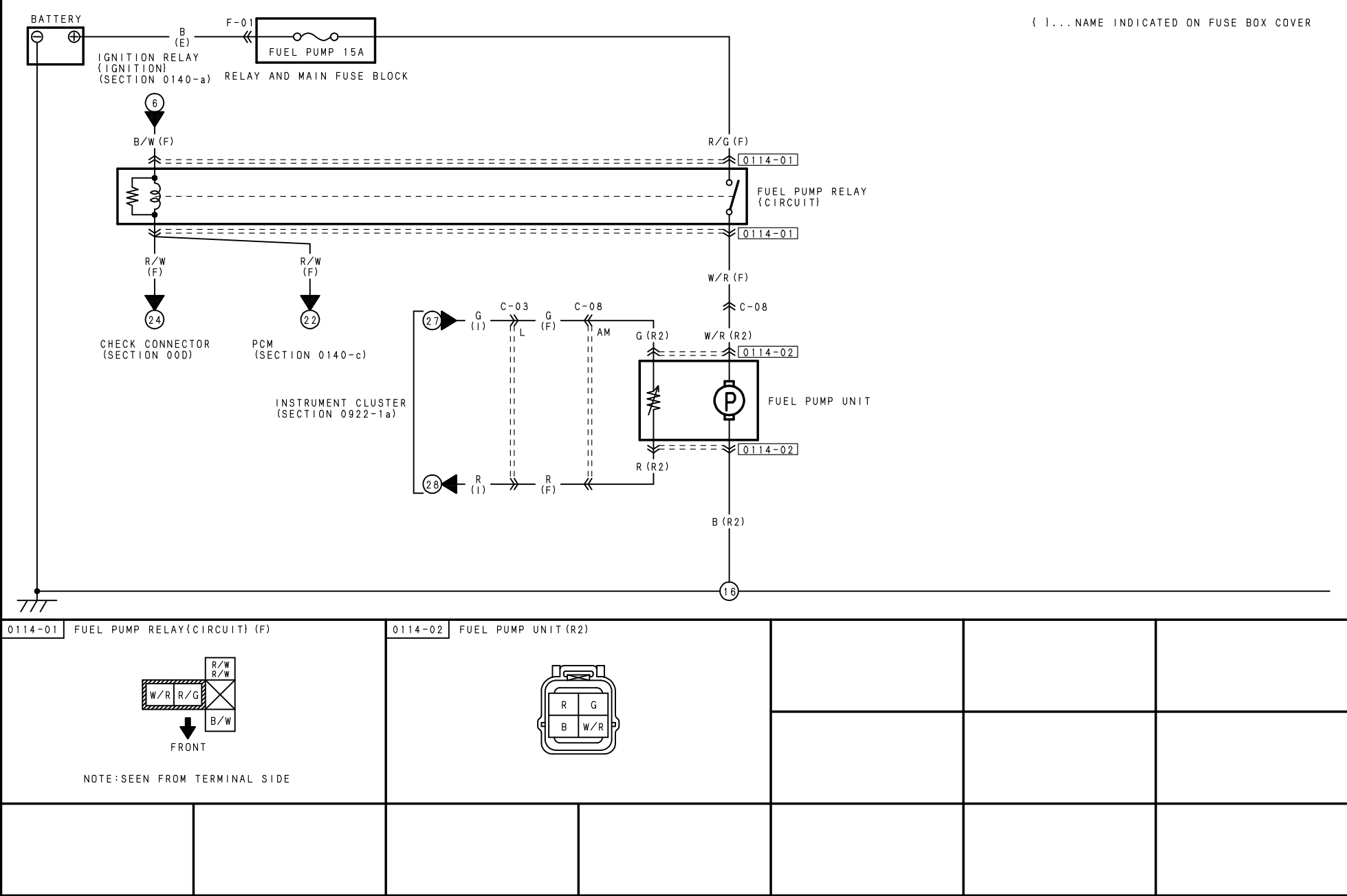



HARNESS SYMBOL:  (F)  (E)  (R)

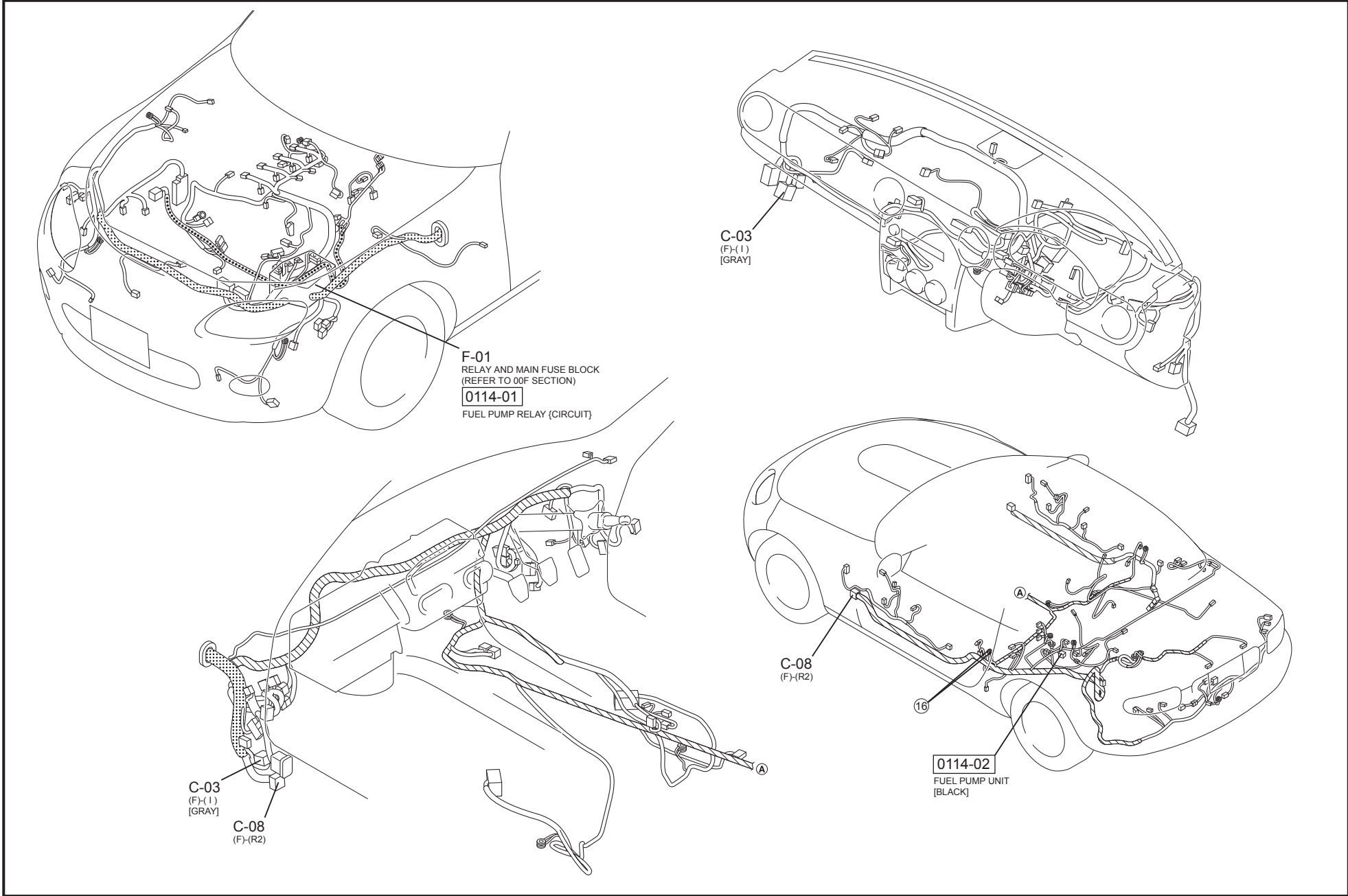
35

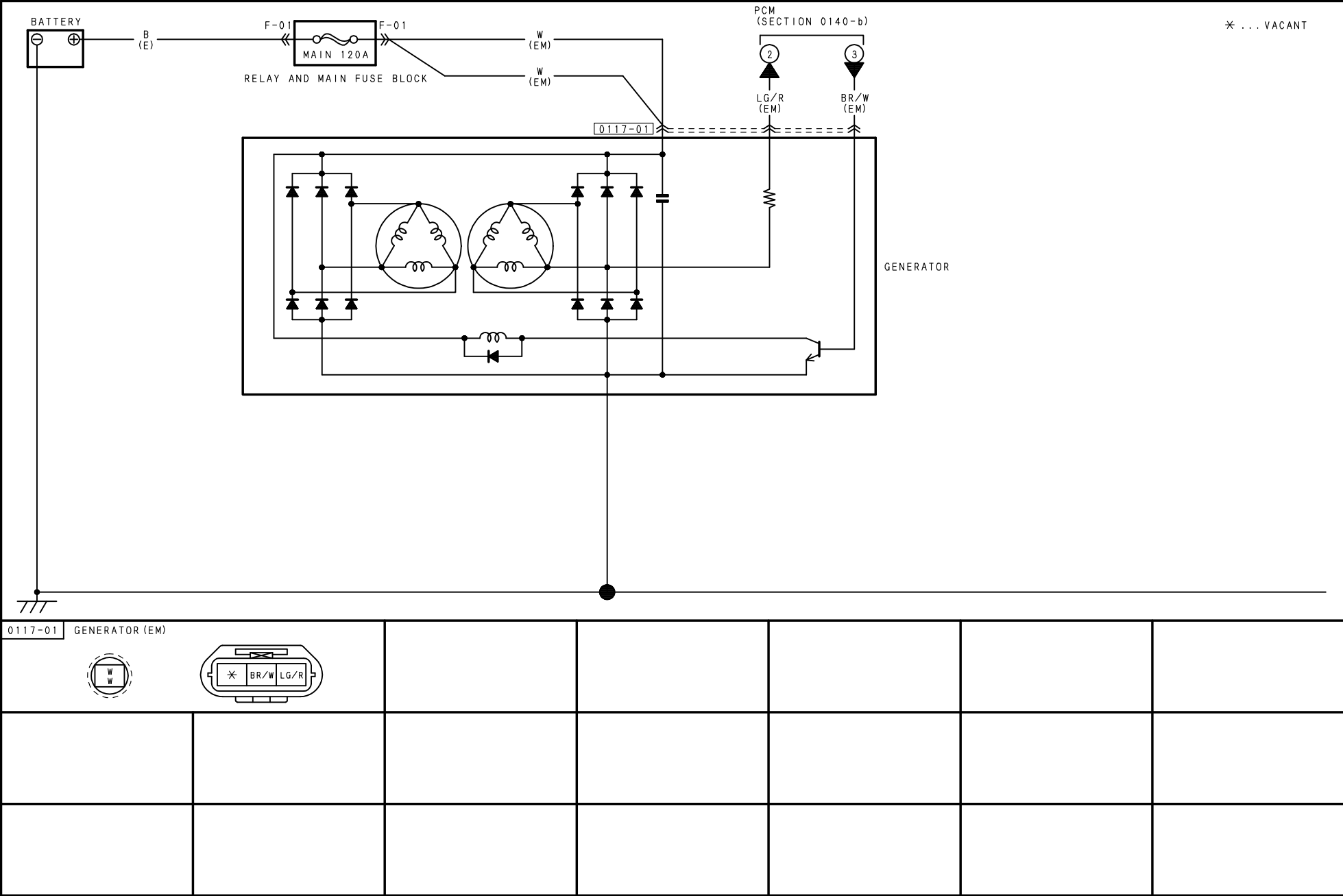


{ }...NAME INDICATED ON FUSE BOX COVER



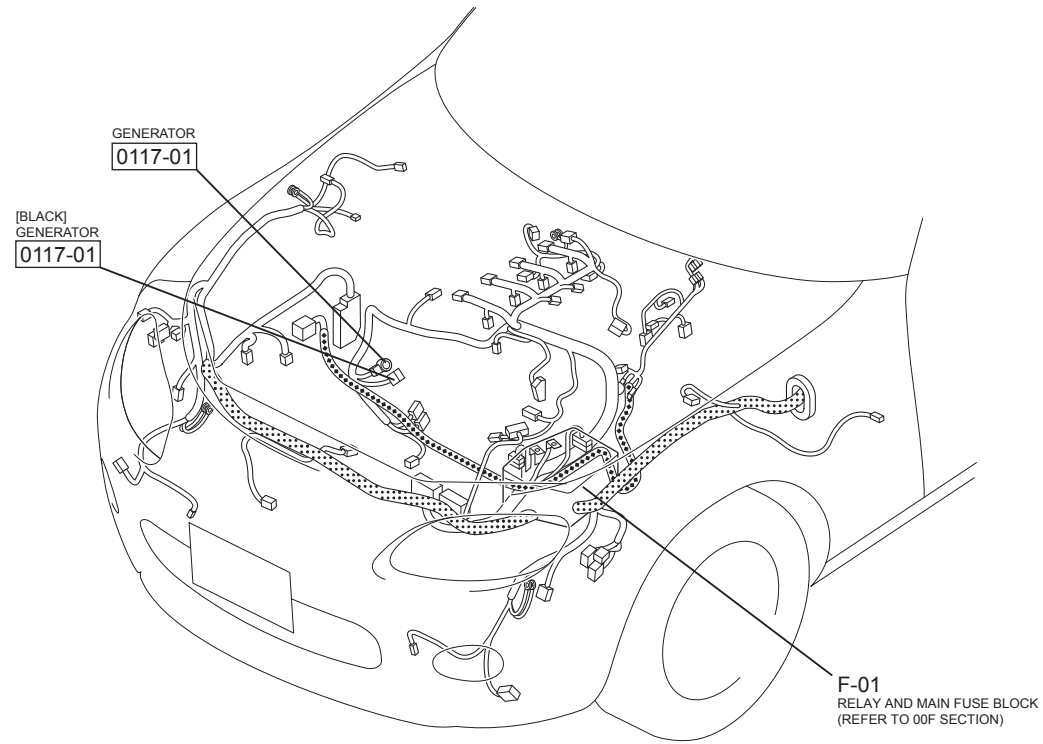
HARNESS SYMBOL:  (F)  (E)  (R)

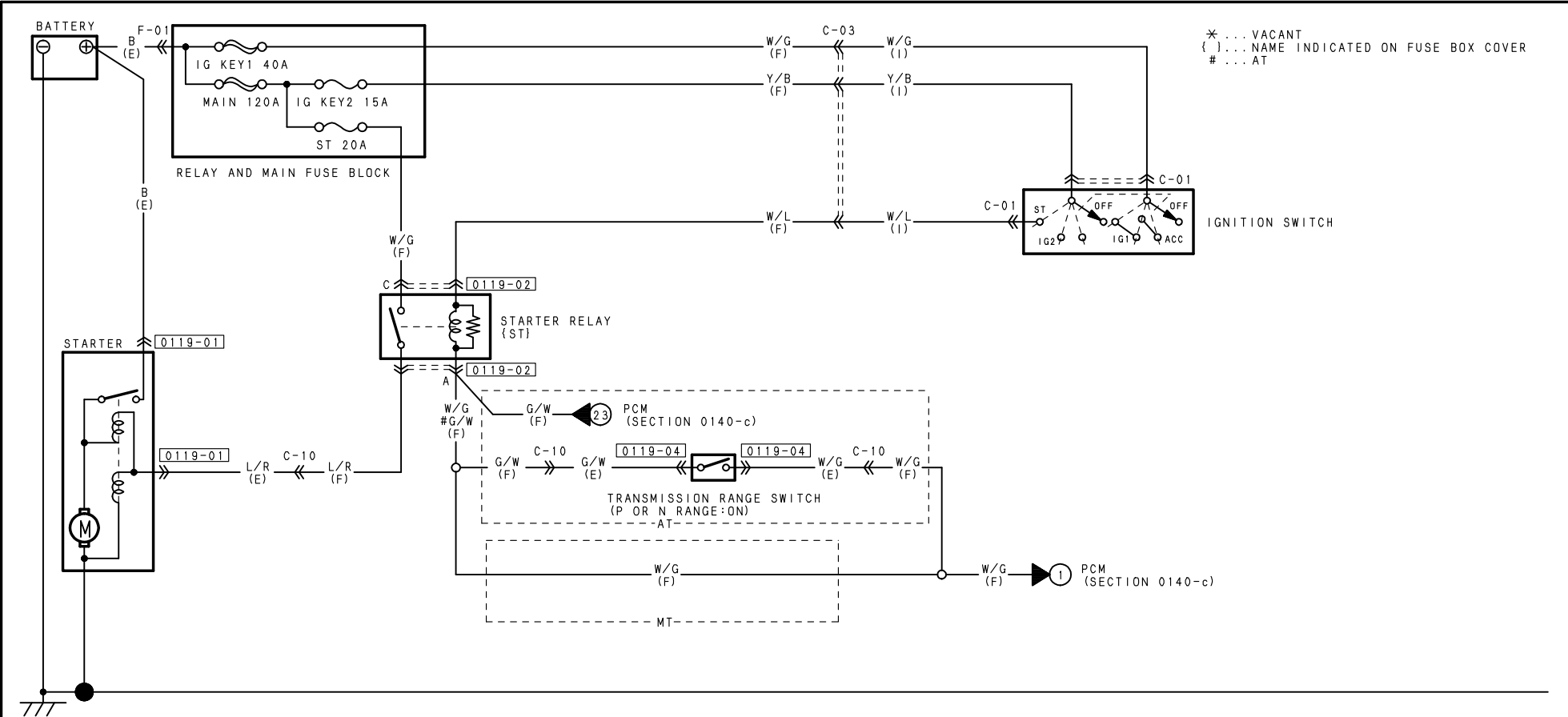




* ... VACANT

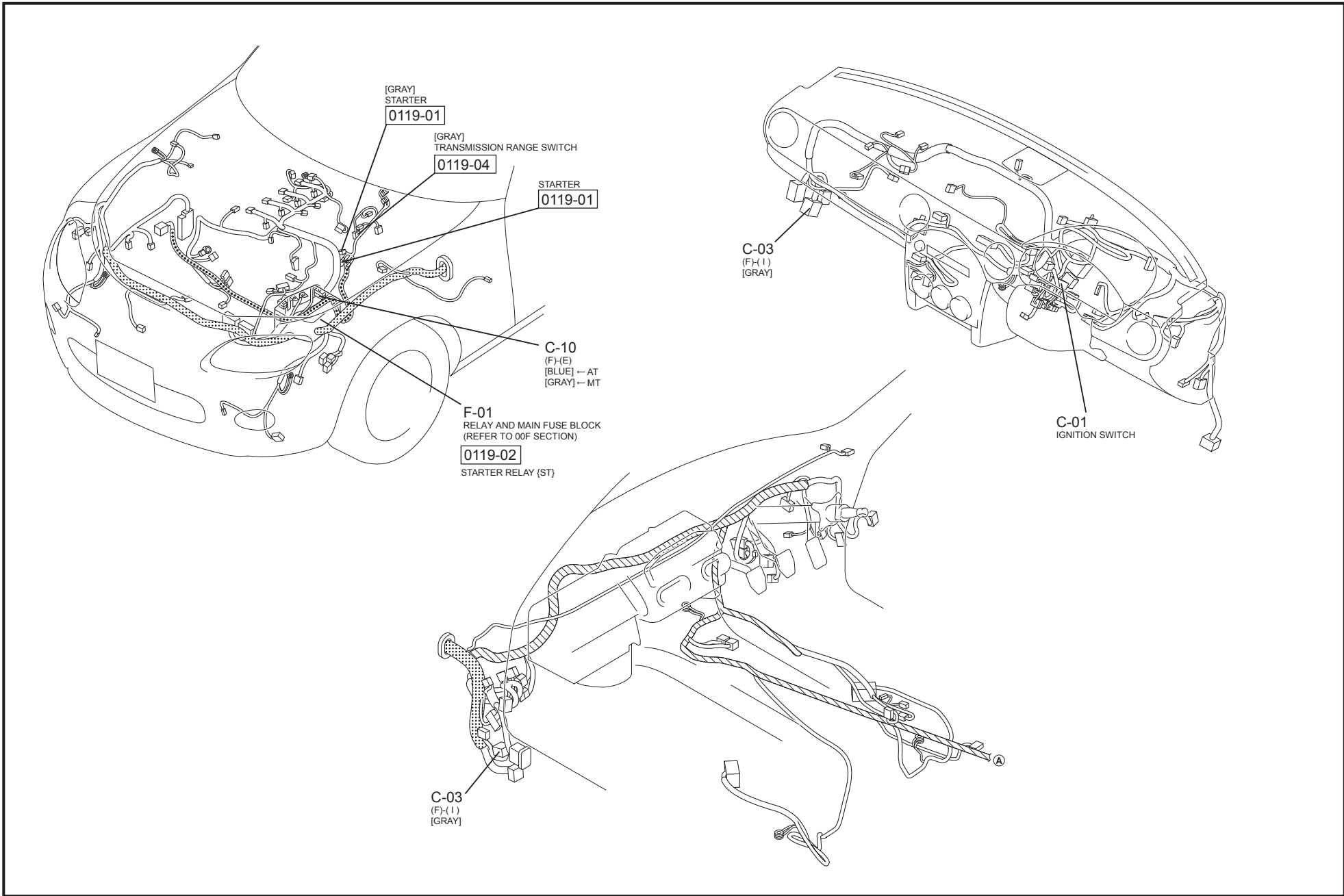
HARNESS SYMBOL:  (F)  (E)  (R)





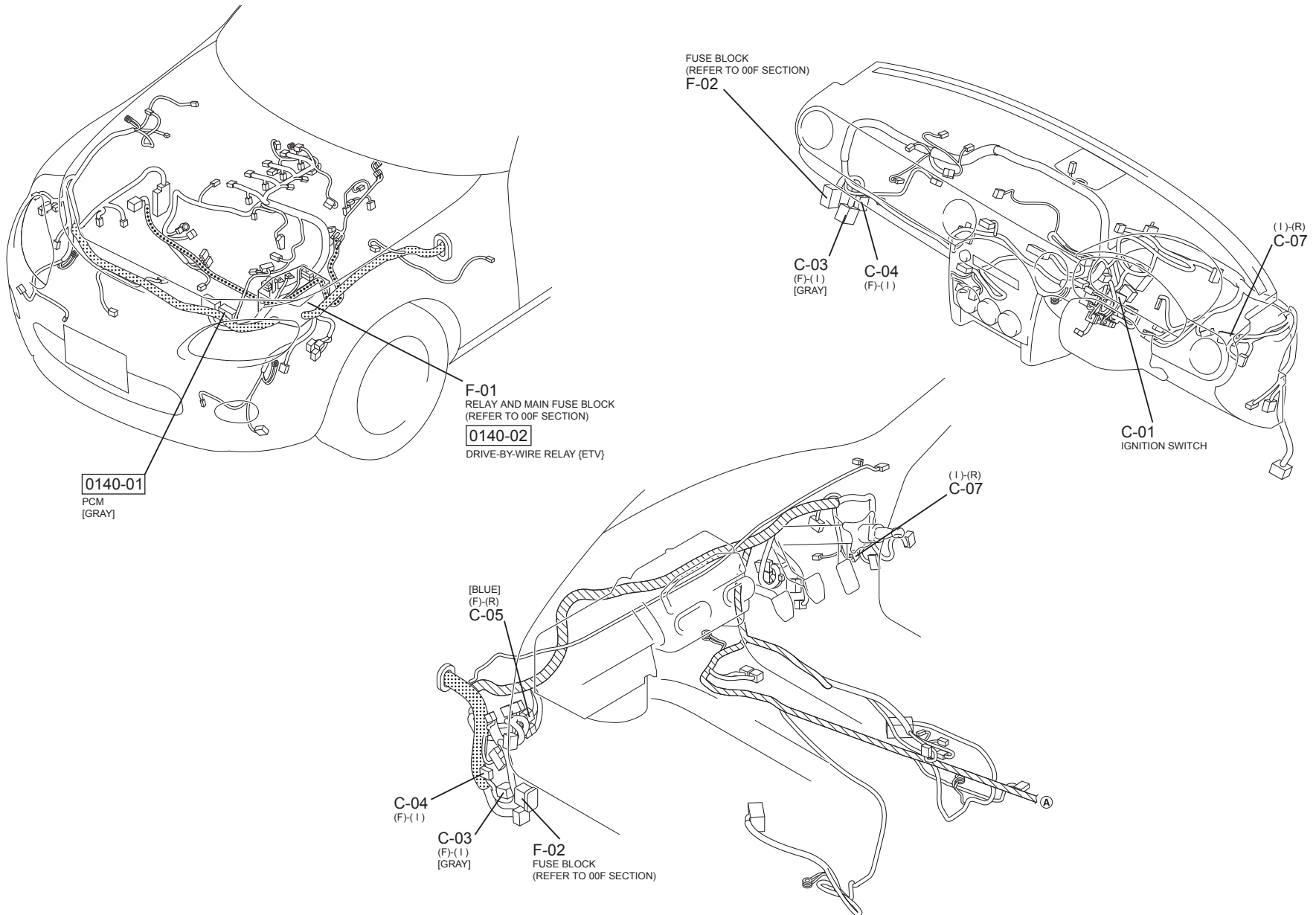
0119-01 STARTER (E) <div></div>		0119-02 STARTER RELAY(ST) (F) <div></div>		0119-04 TRANSMISSION RANGE SWITCH (E) <div></div>	

HARNESS SYMBOL:  (F)  (E)  (R)

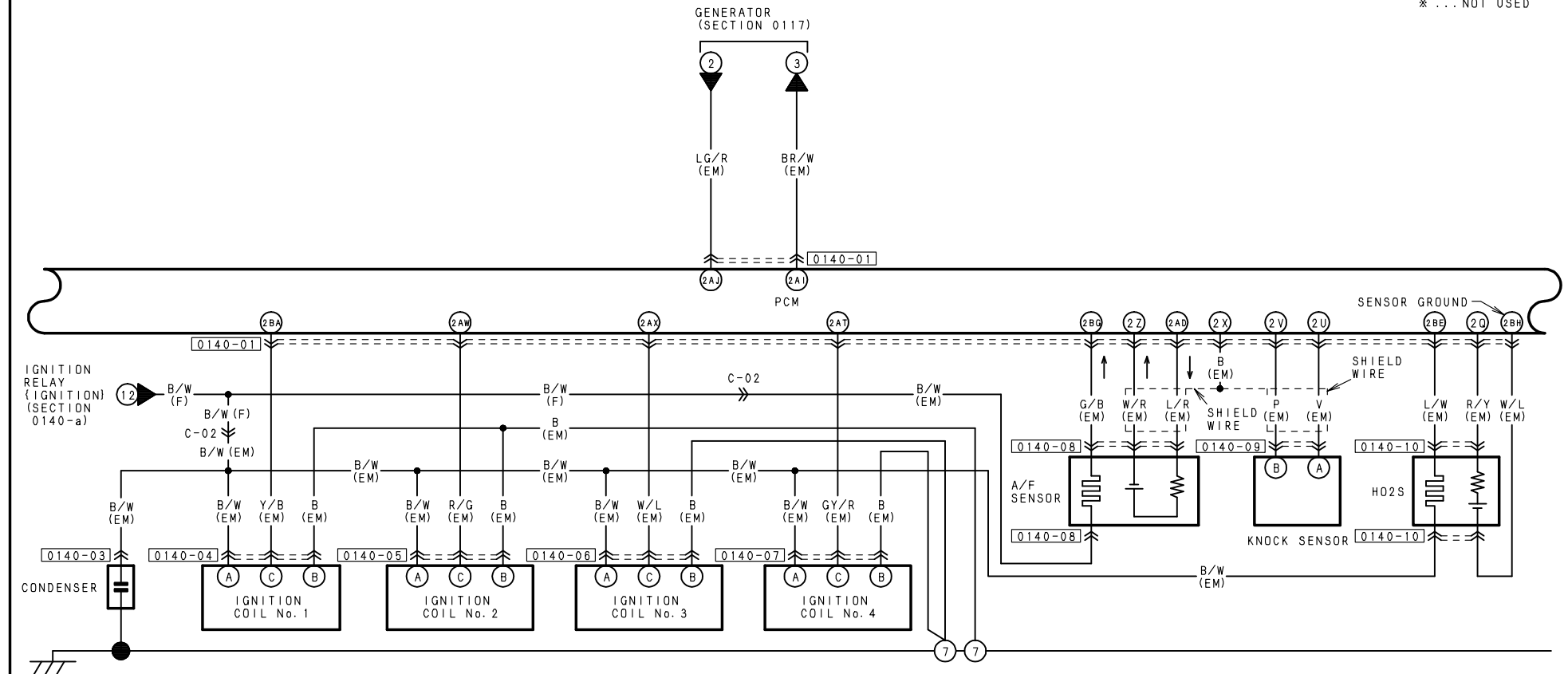




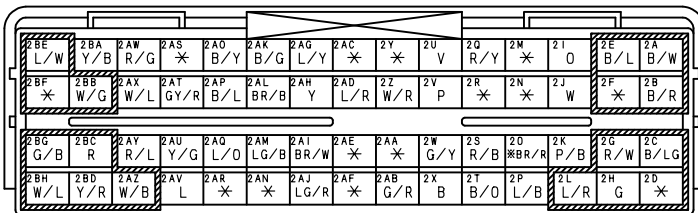
HARNESS SYMBOL:  (F)  (E)  (R)



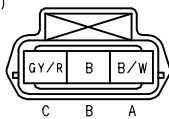
* ... VACANT
 ※ ... NOT USED



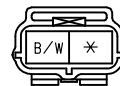
0140-01 PCM (EM)



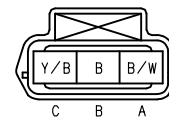
0140-07 IGNITION COIL No. 4 (EM)



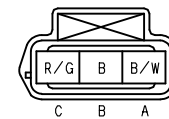
0140-03 CONDENSER (EM)



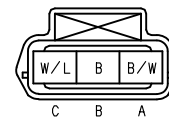
0140-04 IGNITION COIL No. 1 (EM)



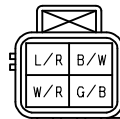
0140-05 IGNITION COIL No. 2 (EM)



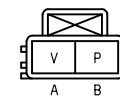
0140-06 IGNITION COIL No. 3 (EM)



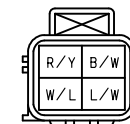
0140-08 A/F SENSOR (EM)



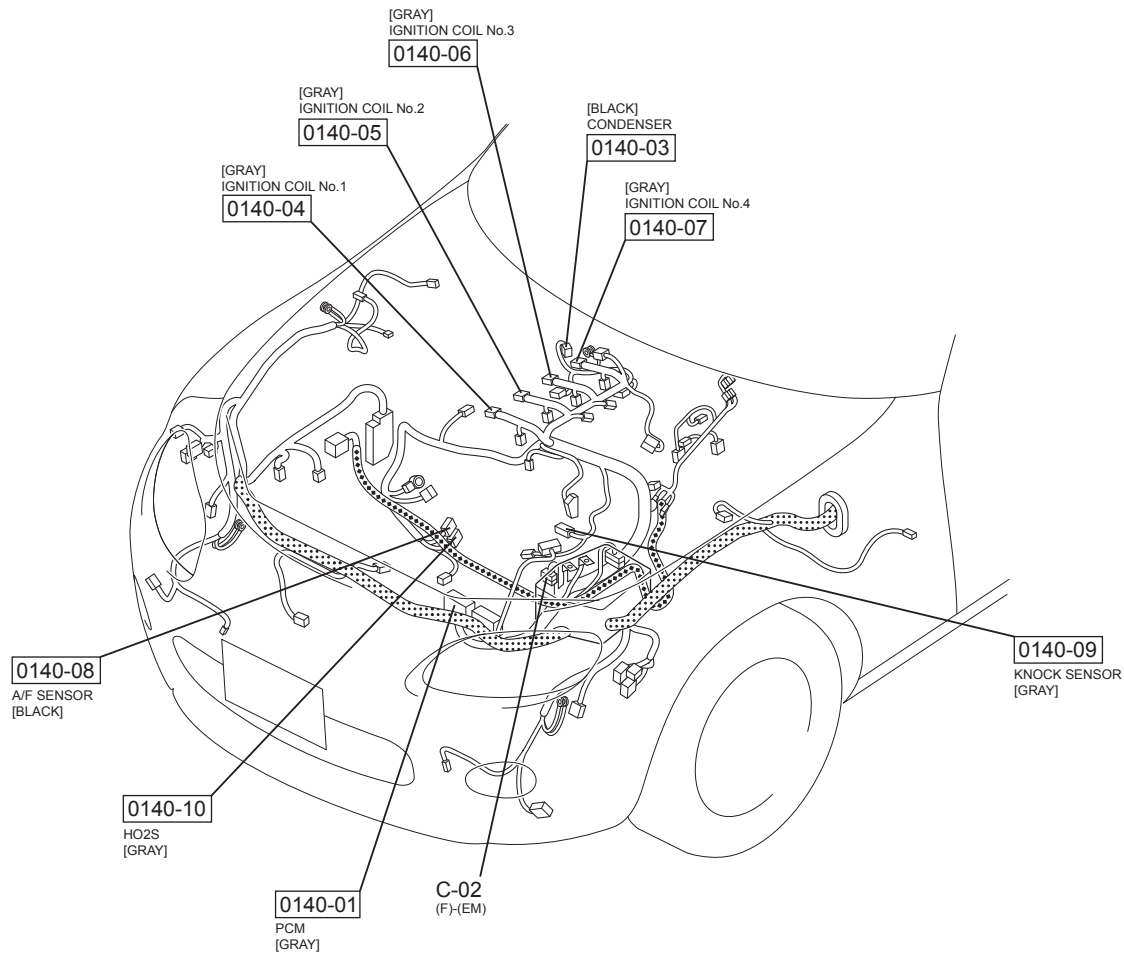
0140-09 KNOCK SENSOR (EM)



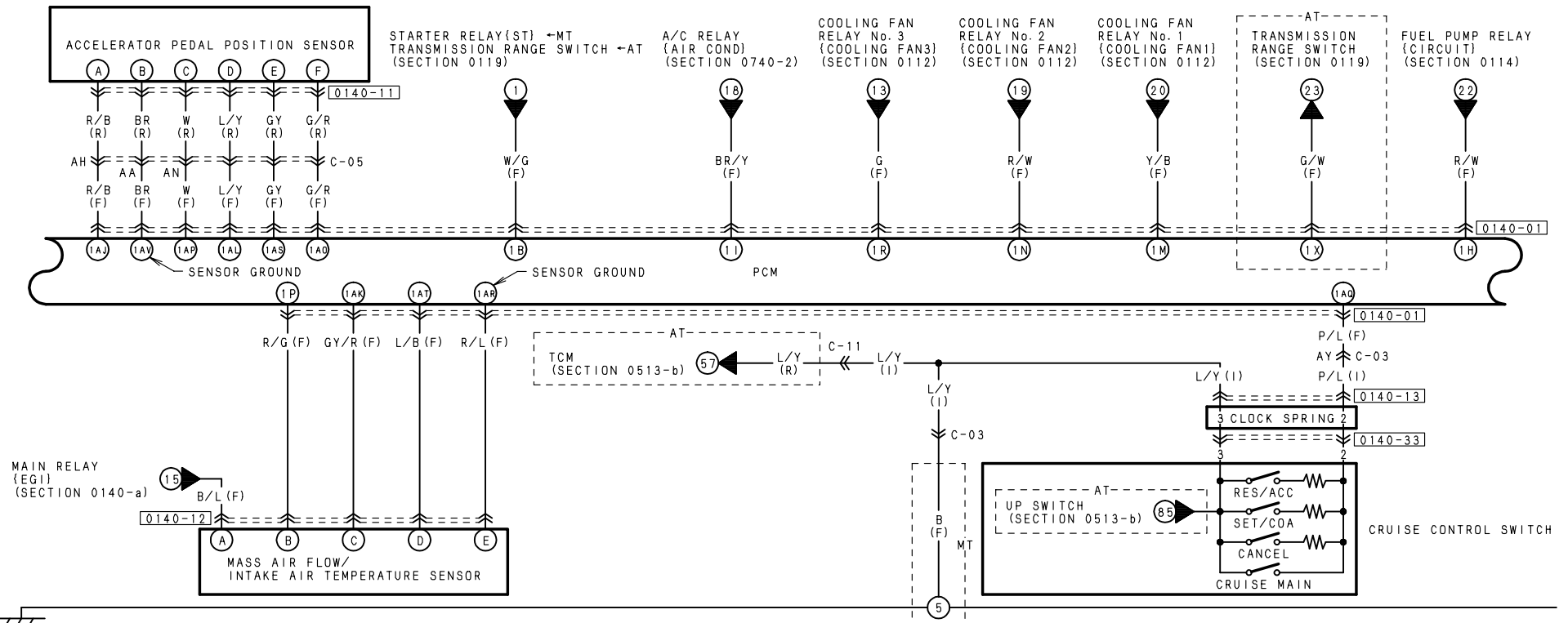
0140-10 H02S (EM)



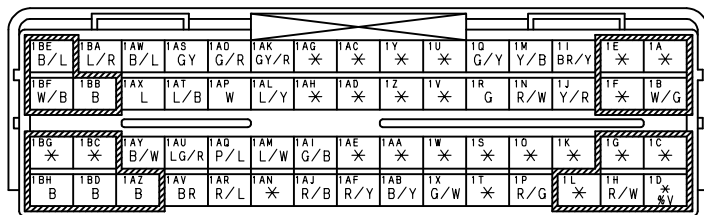
HARNESS SYMBOL:  (F)  (E)  (R)



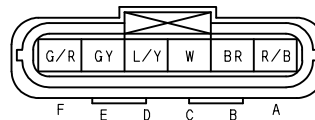
* ... VACANT
% ... MT



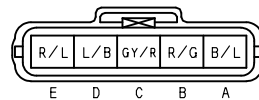
0140-01 PCM (F)



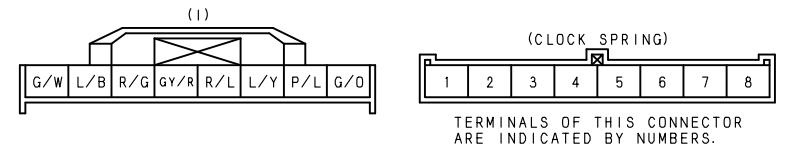
0140-11 ACCELERATOR PEDAL POSITION SENSOR (R)



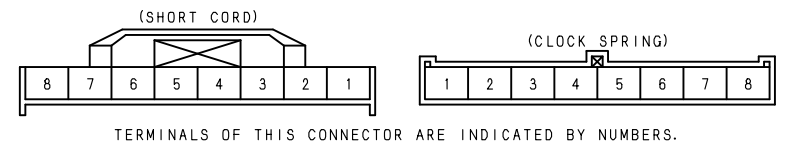
0140-12 MASS AIR FLOW/INTAKE AIR TEMPERATURE SENSOR (F)



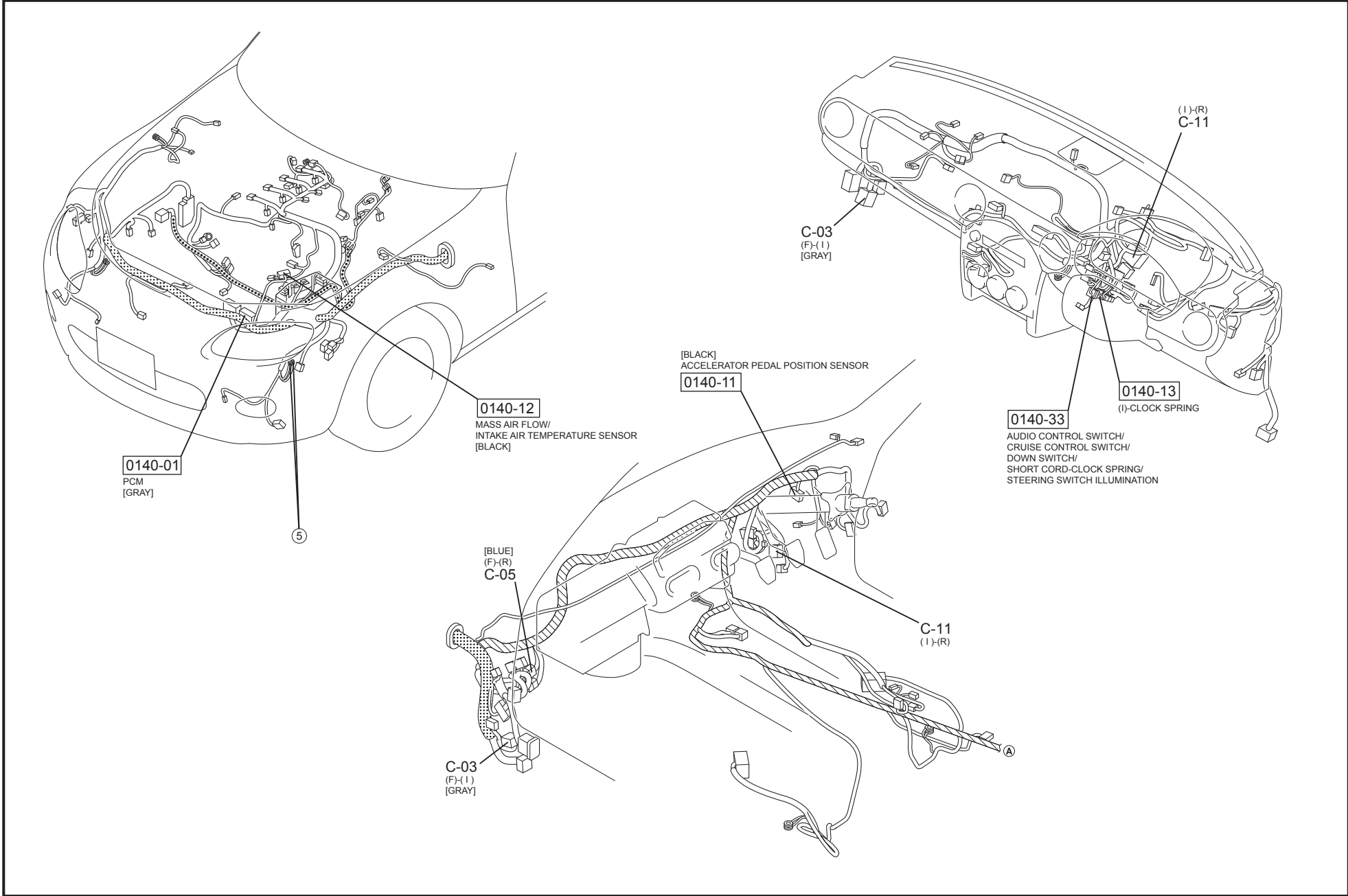
0140-13 INSTRUMENT PANEL (I) - CLOCK SPRING



0140-33 AUDIO CONTROL SWITCH/CRUISE CONTROL SWITCH/DOWN SWITCH/SHORT CORD-CLOCK SPRING/STEERING SWITCH ILLUMINATION (CLOCK SPRING)



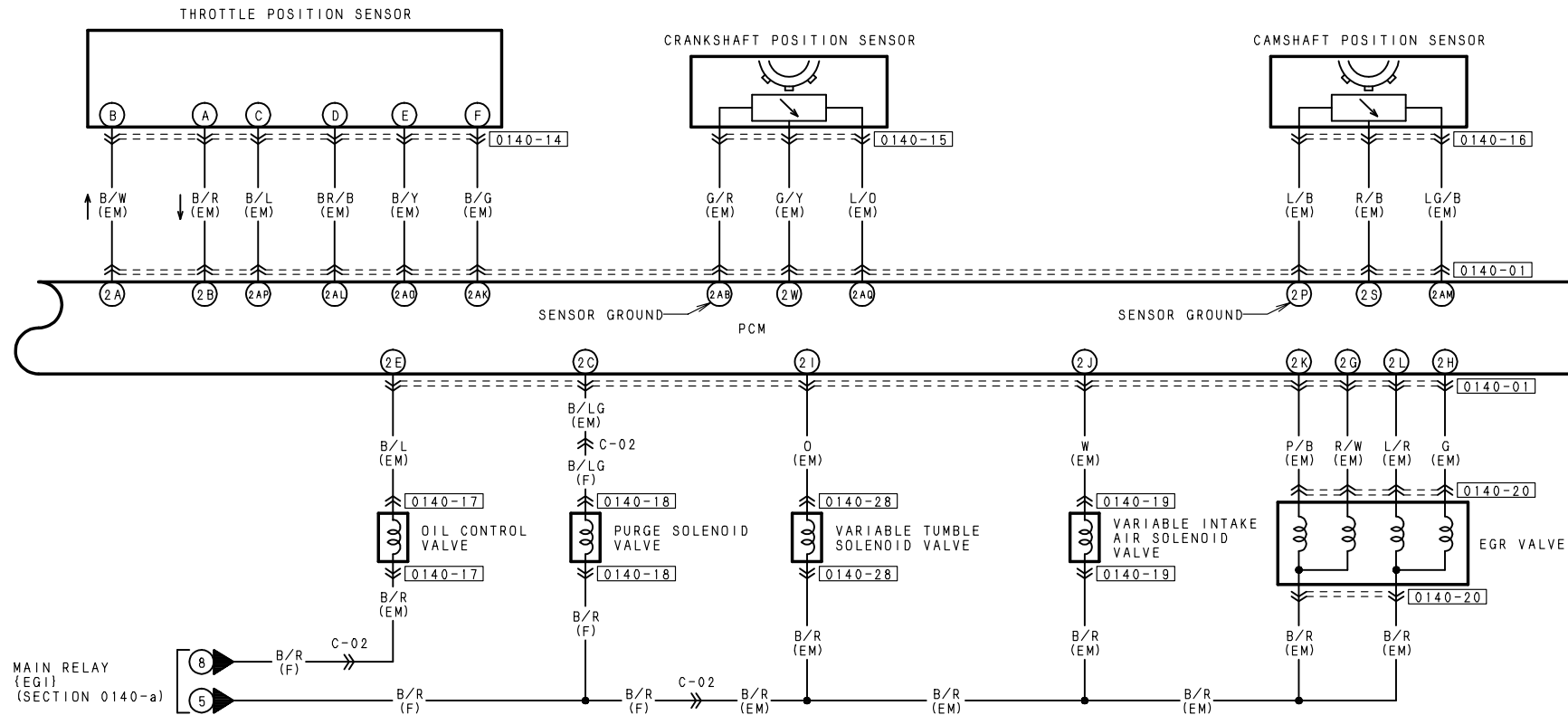
HARNESS SYMBOL:  (F)  (E)  (R)



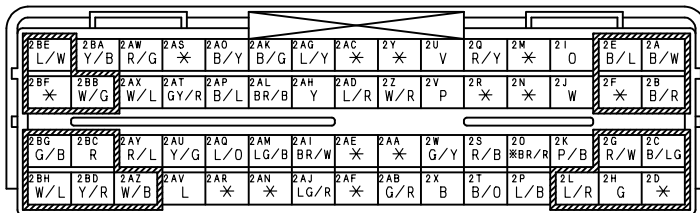
01 ENGINE
40 CONTROL SYSTEM

0140-c

* ... VACANT
 ※ ... NOT USED



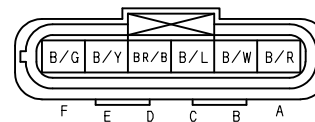
0140-01 PCM (EM)



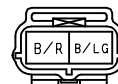
0140-17 OIL CONTROL VALVE (EM)



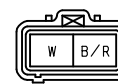
0140-14 THROTTLE POSITION SENSOR (EM)



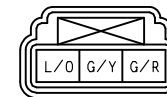
0140-18 PURGE SOLENOID VALVE (F)



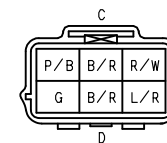
0140-19 VARIABLE INTAKE AIR SOLENOID VALVE (EM)



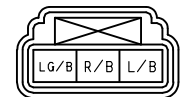
0140-15 CRANKSHAFT POSITION SENSOR (EM)



0140-20 EGR VALVE (EM)




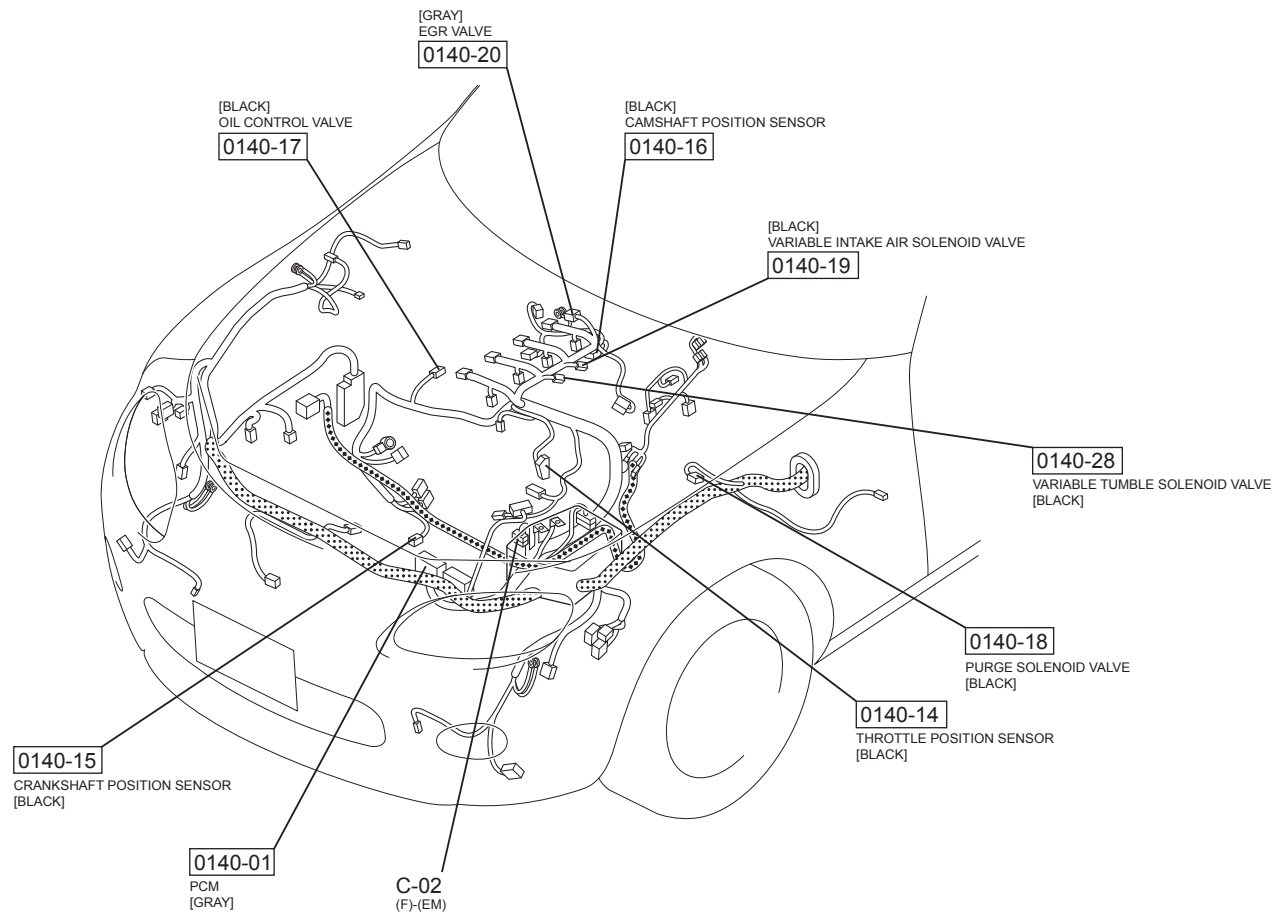
0140-16 CAMSHAFT POSITION SENSOR (EM)

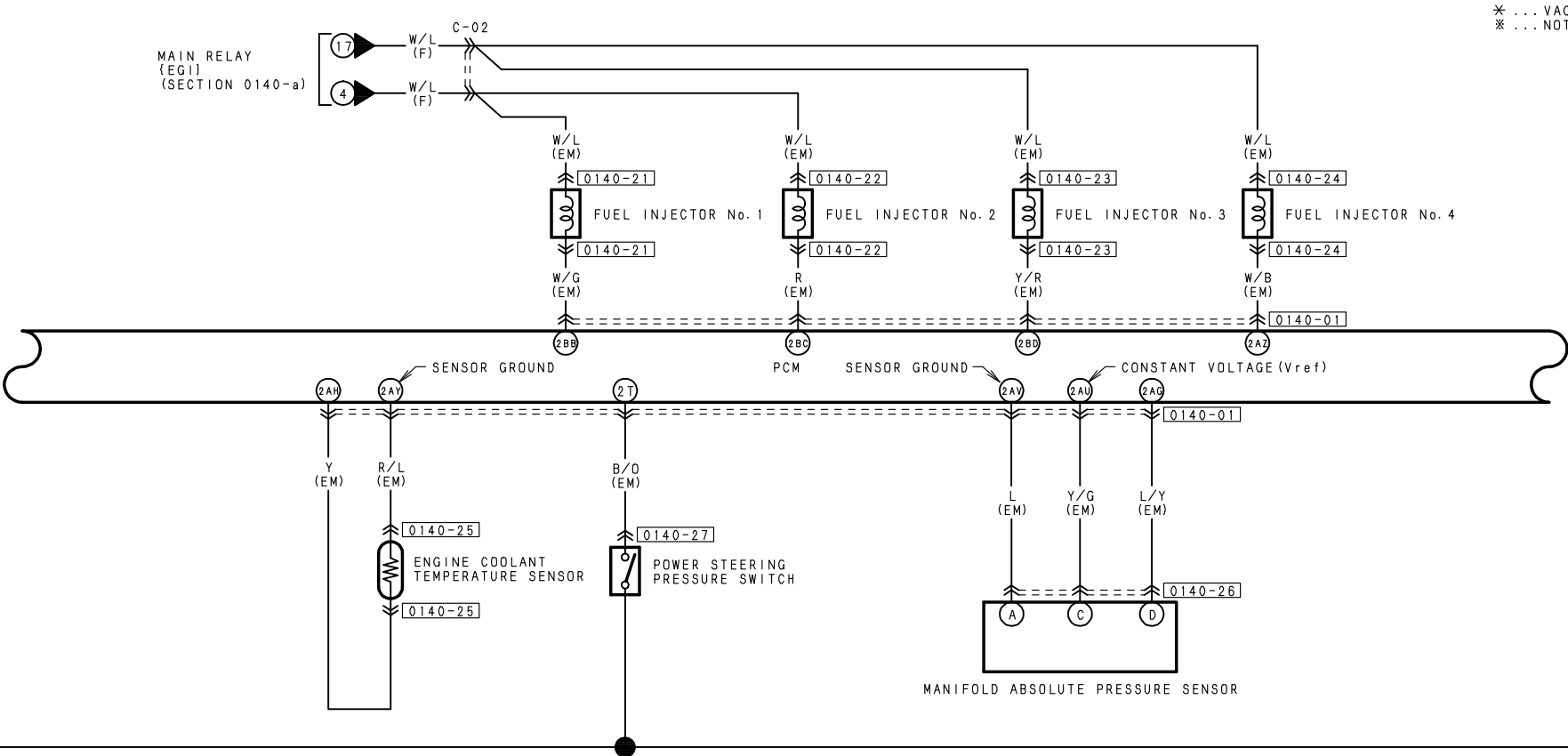


0140-28 VARIABLE TUMBLE SOLENOID VALVE (EM)



HARNESS SYMBOL:  (F)  (E)  (R)

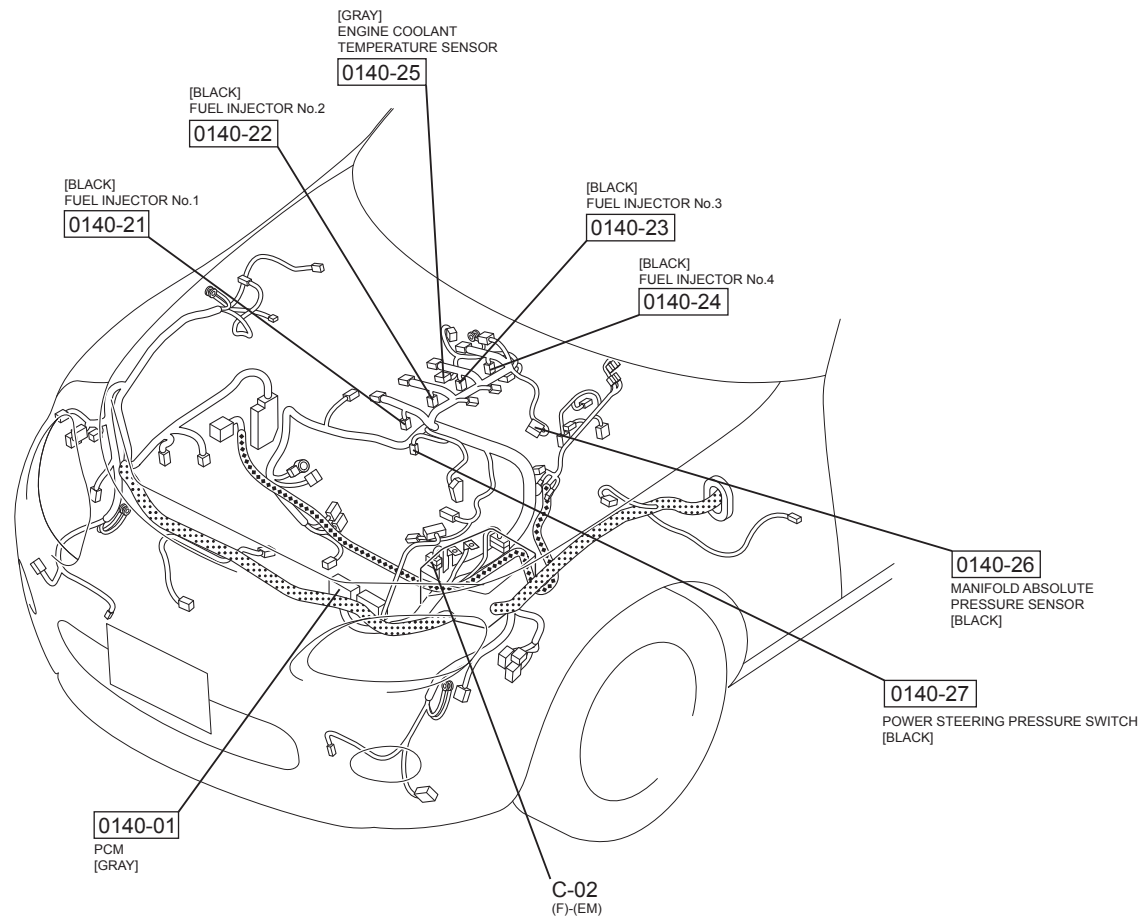


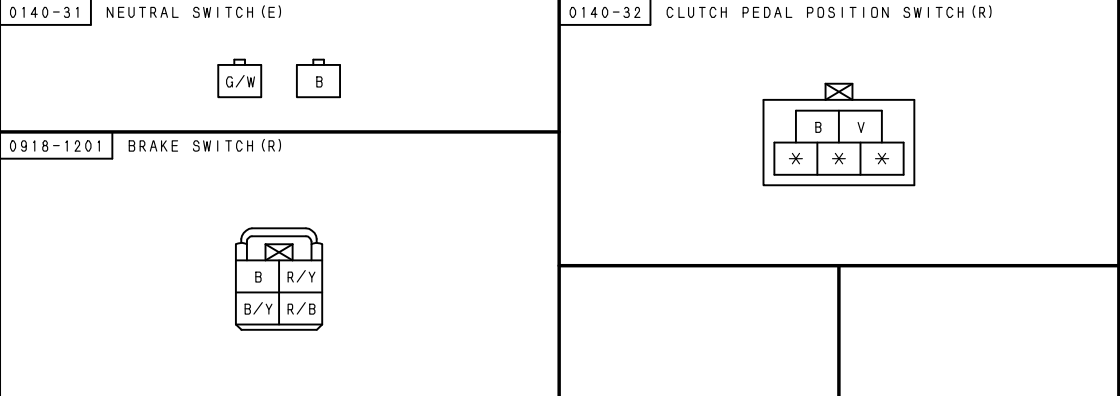
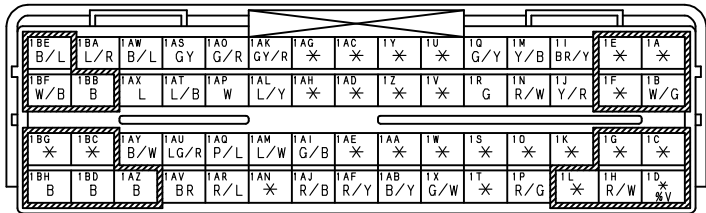


* ... VACANT
* ... NOT USED

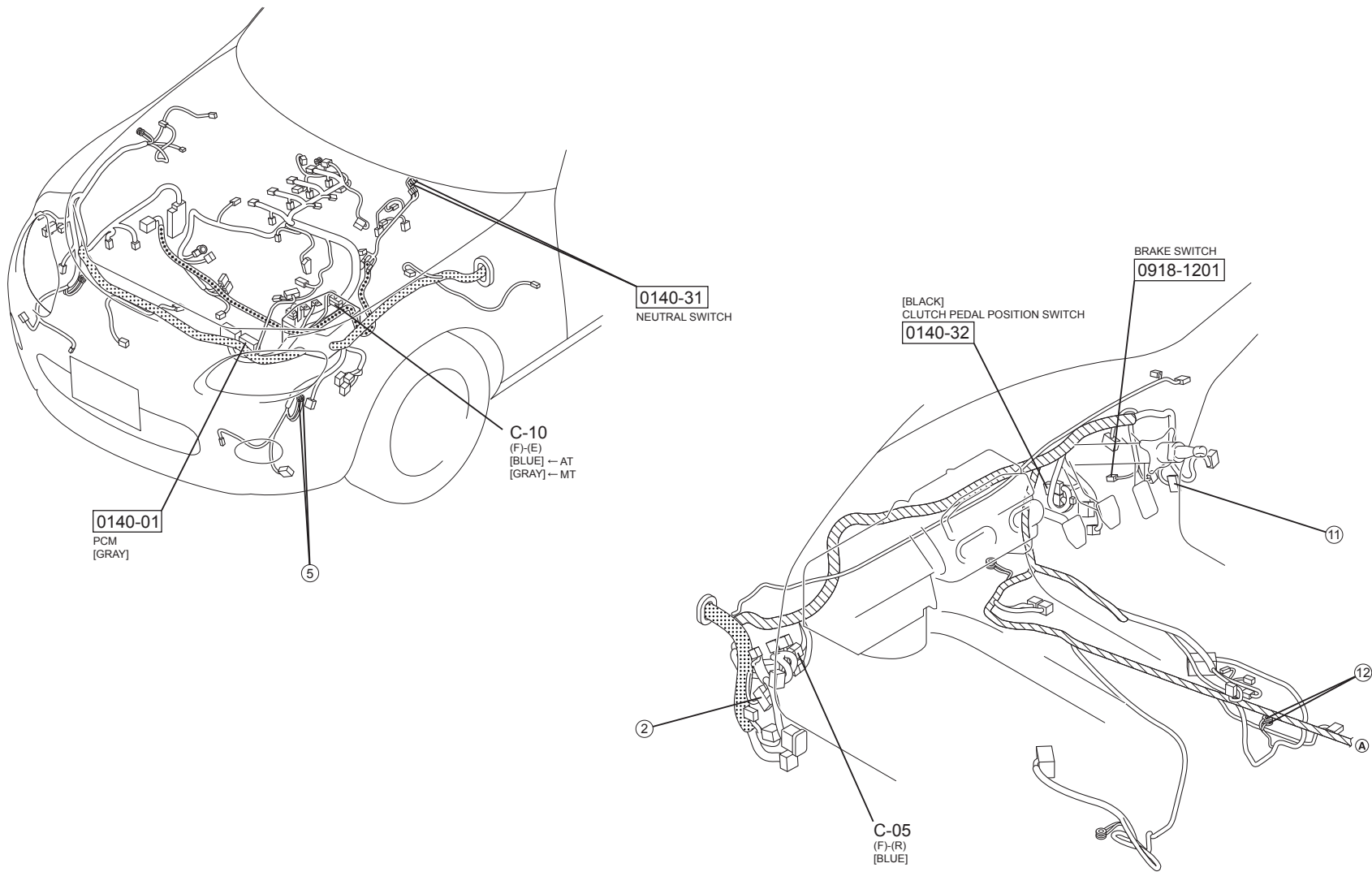
<p>0140-01 PCM (EM)</p>	<p>0140-21 FUEL INJECTOR No. 1 (EM)</p>	<p>0140-22 FUEL INJECTOR No. 2 (EM)</p>	<p>0140-23 FUEL INJECTOR No. 3 (EM)</p>	<p>0140-24 FUEL INJECTOR No. 4 (EM)</p>
<p>0140-25 ENGINE COOLANT TEMPERATURE SENSOR (EM)</p>	<p>0140-26 MANIFOLD ABSOLUTE PRESSURE SENSOR (EM)</p>	<p>0140-27 POWER STEERING PRESSURE SWITCH (EM)</p>		

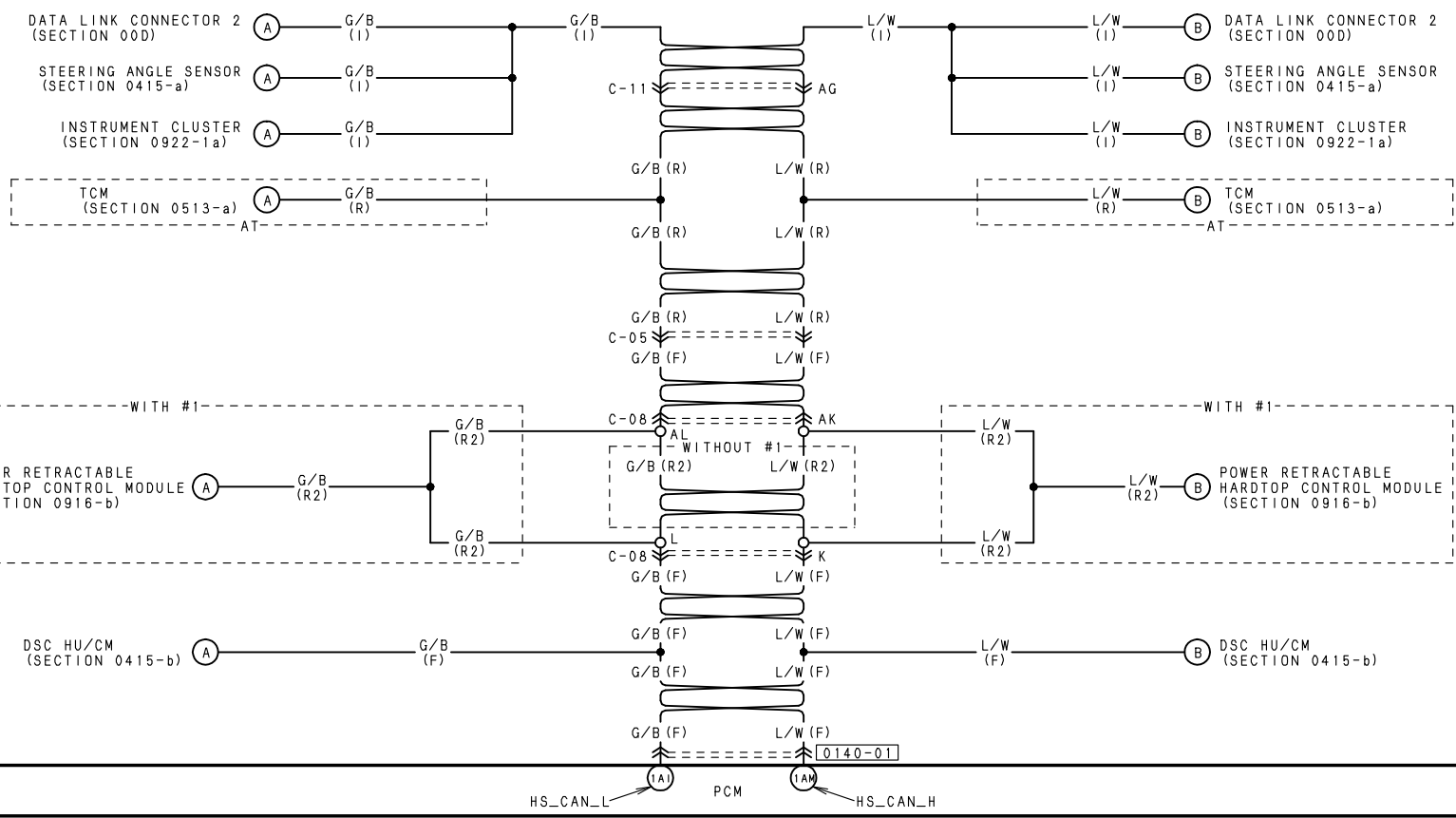
HARNESS SYMBOL:  (F)  (E)  (R)





HARNESS SYMBOL:  (F)  (E)  (R)



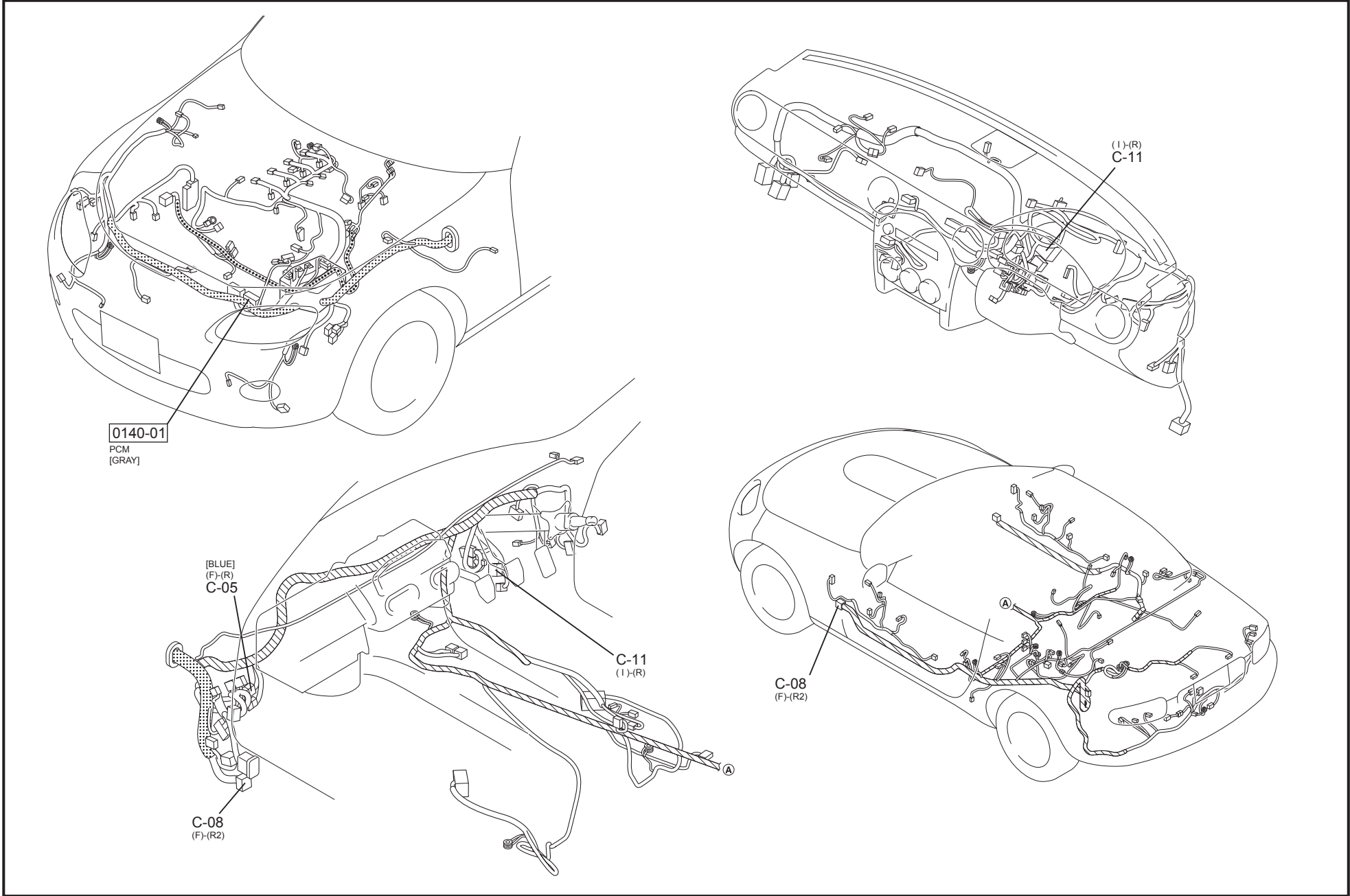


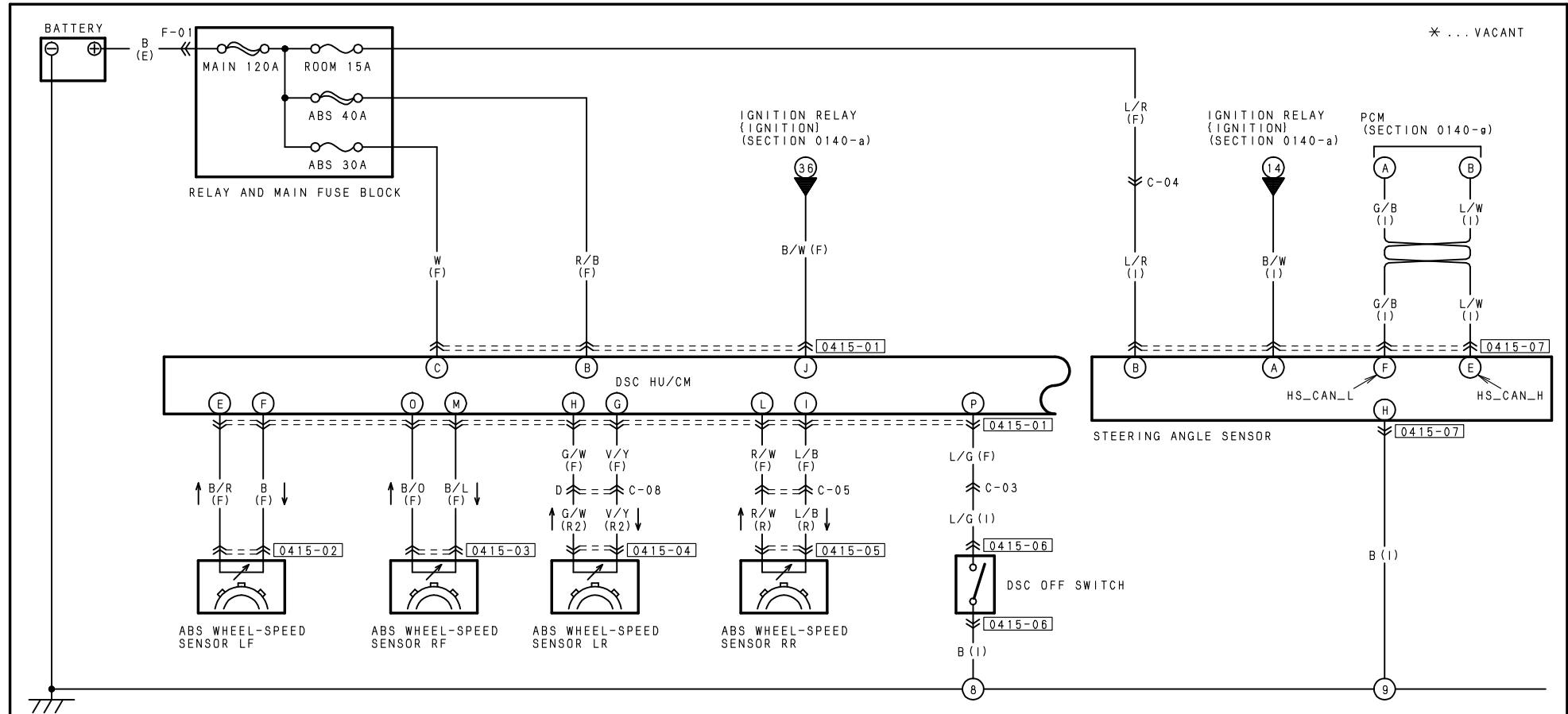
1BE	1BA	1AW	1AS	1AO	1AK	1AG	1AC	1V	1U	1Q	1W	1I	1E	1A
B/L	L/R	B/L	GY	GY	GY/R	*	*	*	*	G/Y	Y/B	BR/Y	*	*
1BF	1BB	1AX	1AT	1AP	1AL	1AH	1AD	1Z	1V	1R	1N	1J	1F	1B
W/B	B	L	L/B	W	L/Y	*	*	*	*	G	R/W	Y/R	*	W/G
1BG	1BC	1AY	1AU	1AO	1AM	1AI	1AE	1AA	1W	1S	1O	1K	1G	1C
*	*	B/W	LG/R	P/L	L/W	G/B	*	*	*	*	*	*	*	*
1BH	1BD	1AZ	1AV	1AR	1AN	1AJ	1AF	1AB	1X	1T	1P	1L	1H	1D
B	B	B	BR	R/L	*	R/B	R/Y	B/Y	G/W	*	R/G	*	R/W	*

10140-01	PCM (F)
----------	---------

HARNESS SYMBOL:  (F)  (E)  (R)

55

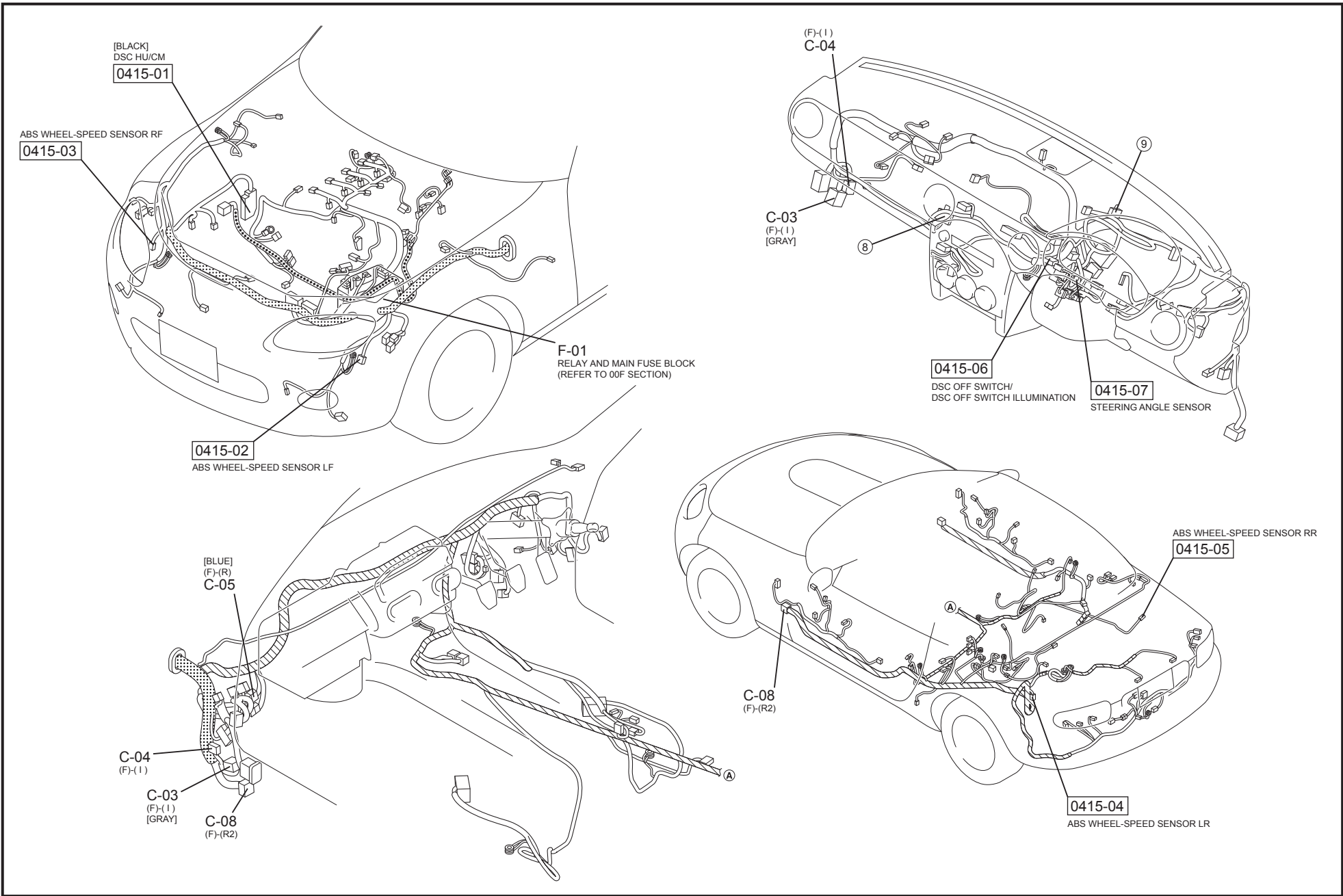




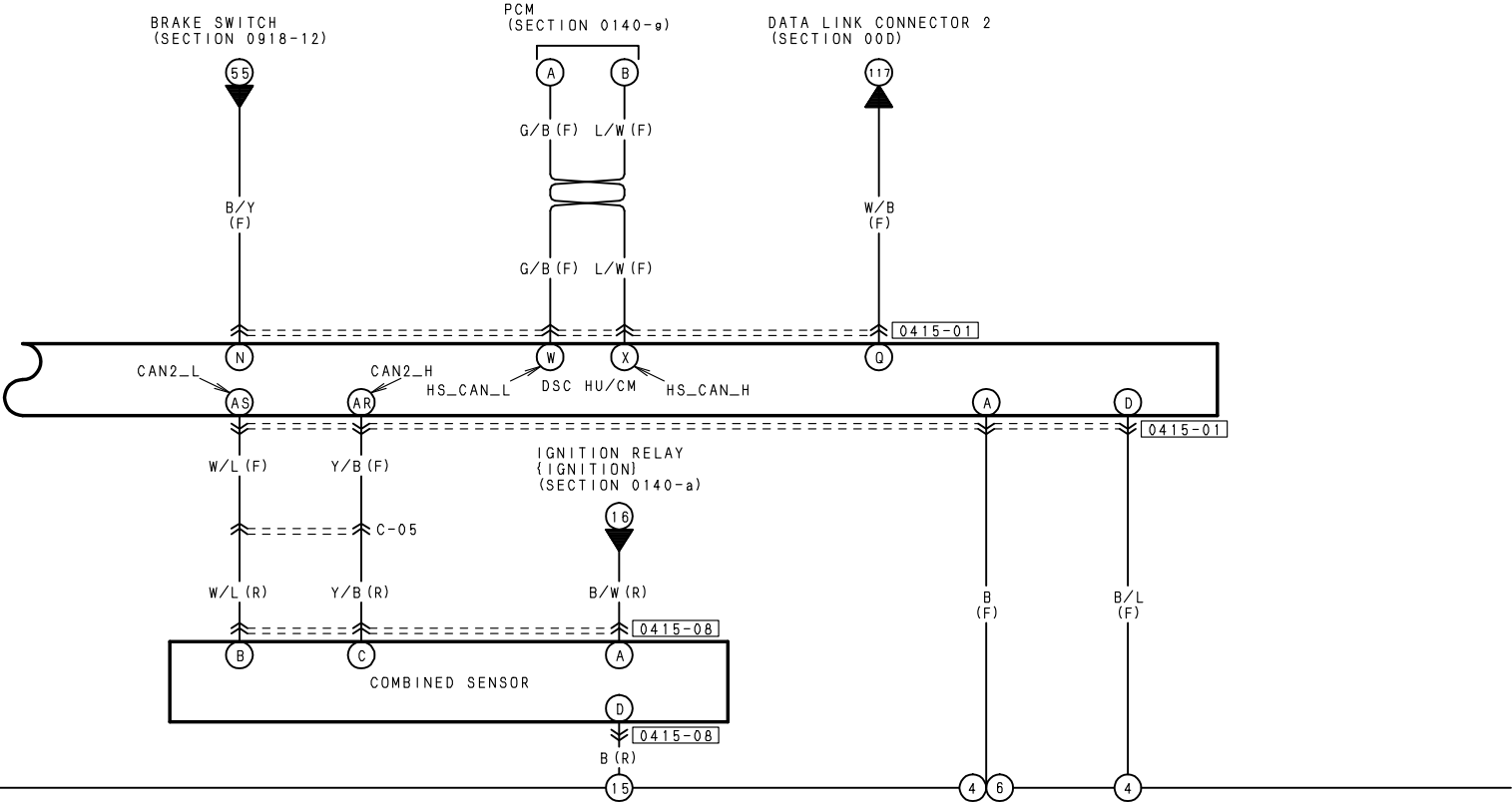
<p>0415-01 DSC HU/CM (F)</p>	<p>0415-02 ABS WHEEL-SPEED SENSOR LF (F)</p>
<p>0415-04 ABS WHEEL-SPEED SENSOR LR (R2)</p>	<p>0415-03 ABS WHEEL-SPEED SENSOR RF (F)</p>

<p>0415-05 ABS WHEEL-SPEED SENSOR RR (R)</p>	<p>0415-06 DSC OFF SWITCH/DSC OFF SWITCH ILLUMINATION (I)</p>	<p>0415-07 STEERING ANGLE SENSOR (I)</p>
--	---	--

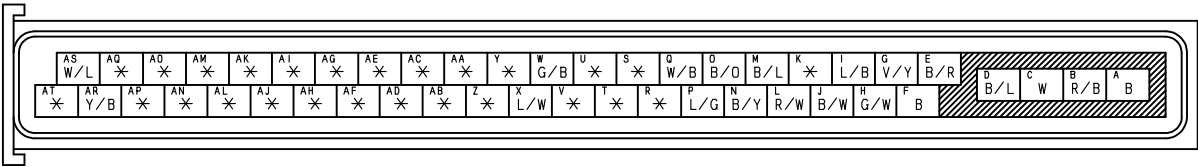
HARNESS SYMBOL:  (F)  (E)  (R)



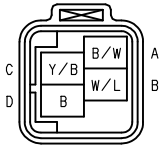
* ... VACANT



0415-01 DSC HU/CM (F)

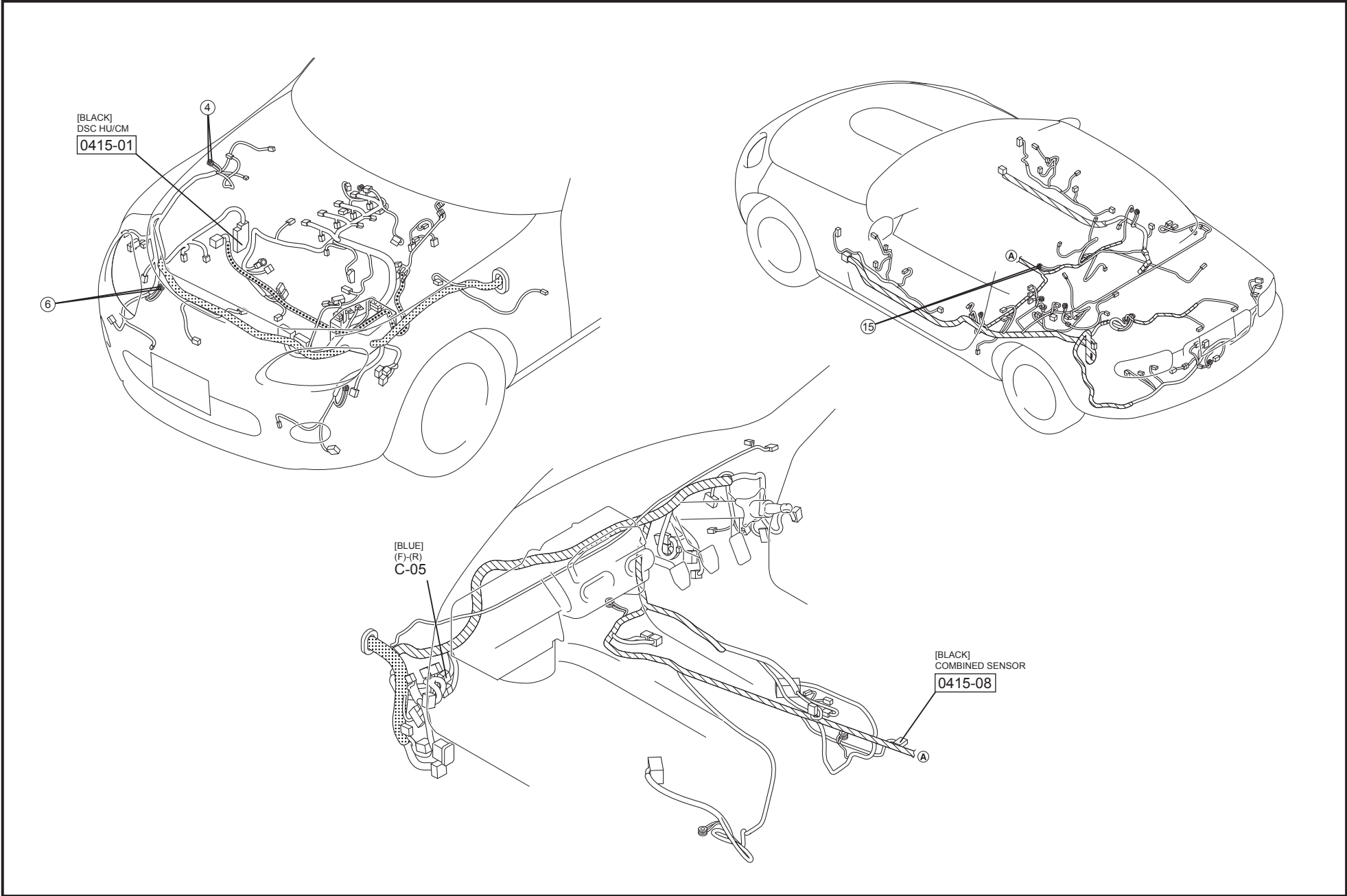


0415-08 COMBINED SENSOR (R)






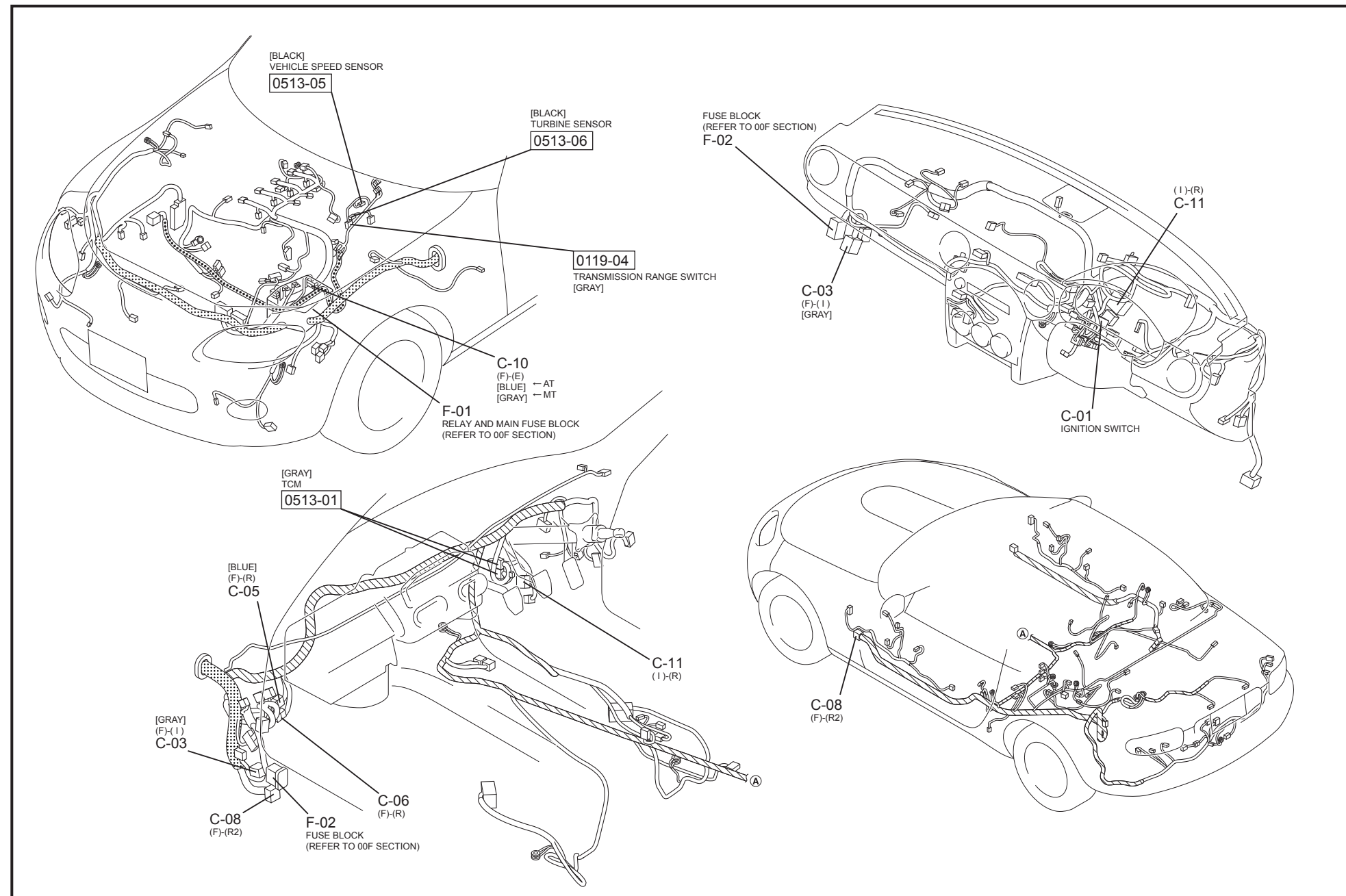
HARNESS SYMBOL:  (F)  (E)  (R)

69





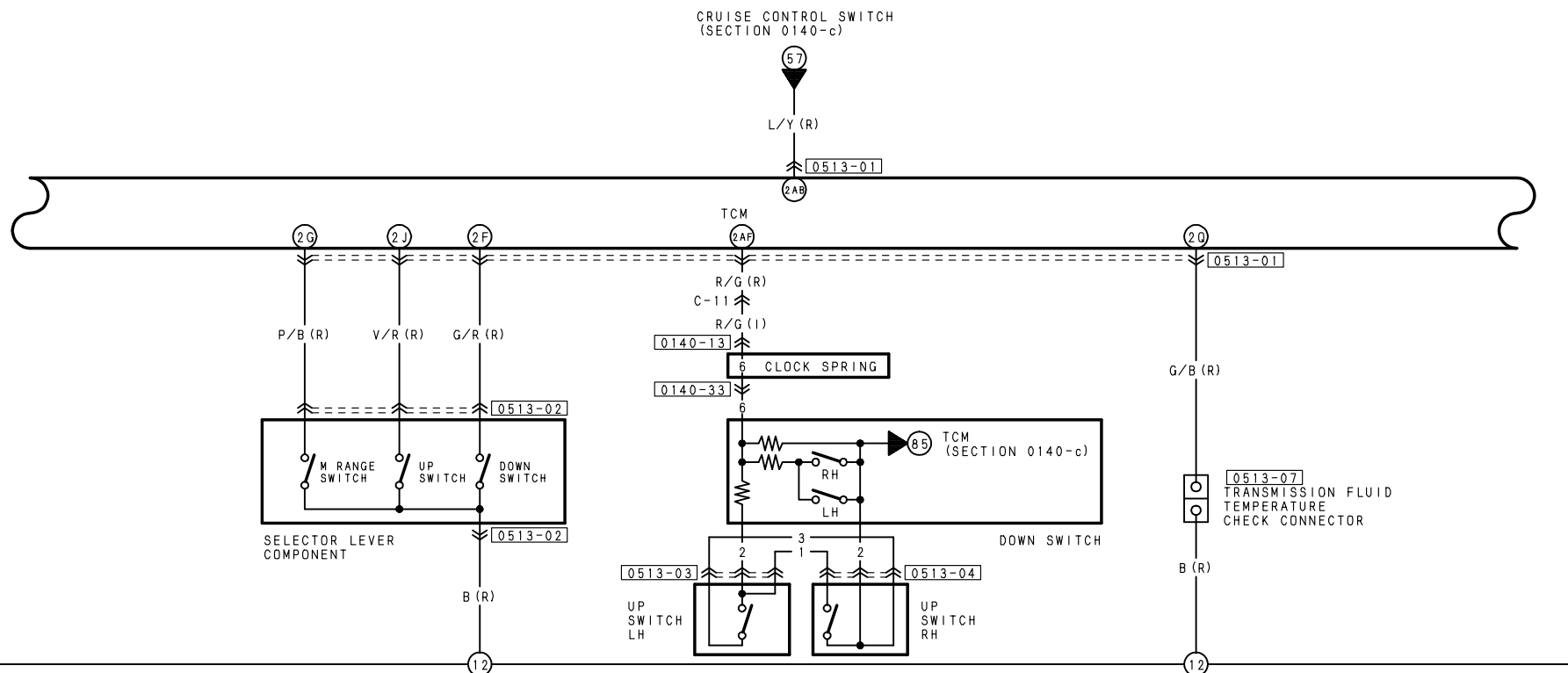
HARNESS SYMBOL:  (F)  (E)  (R)



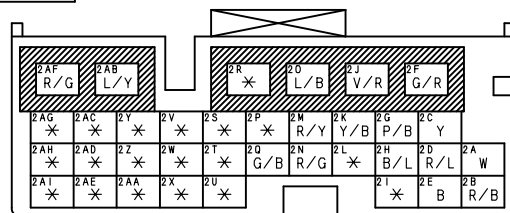
05 TRANSMISSION/TRANSAXLE
13 AUTOMATIC TRANSMISSION

0513-a

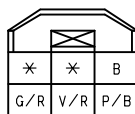
* ... VACANT



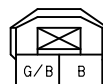
0513-01 TCM (R)



0513-02 SELECTOR LEVER COMPONENT (R)

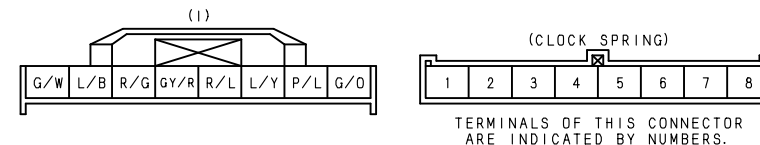


0513-07 TRANSMISSION FLUID TEMPERATURE CHECK CONNECTOR (R)



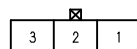
NOTE: SEEN FROM TERMINAL SIDE

0140-13 INSTRUMENT PANEL (I) - CLOCK SPRING



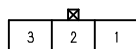
TERMINALS OF THIS CONNECTOR ARE INDICATED BY NUMBERS.

0513-03 UP SWITCH LH (DOWN SWITCH)



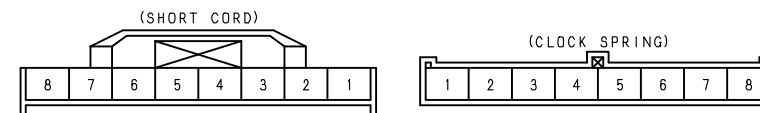
TERMINALS OF THIS CONNECTOR ARE INDICATED BY NUMBERS.

0513-04 UP SWITCH RH (DOWN SWITCH)






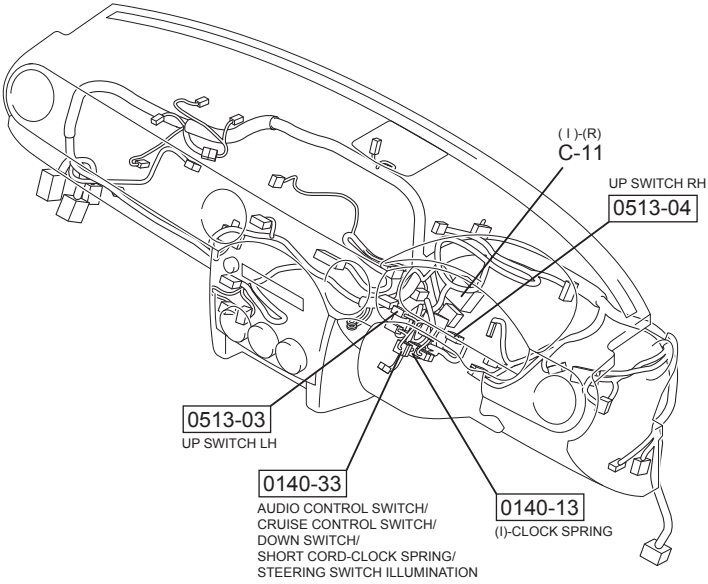
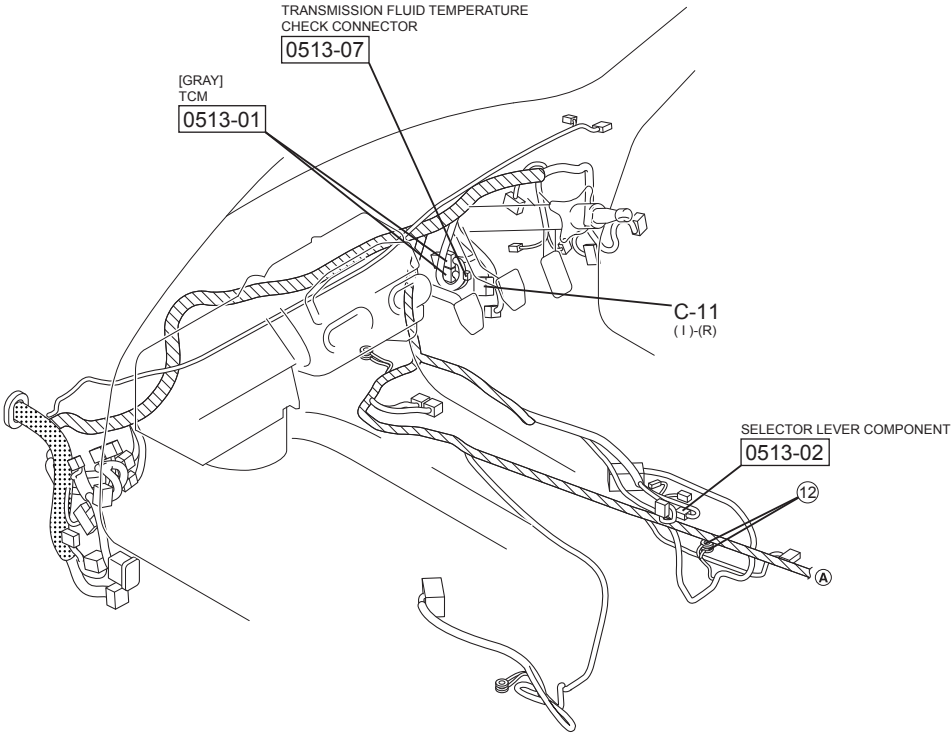
TERMINALS OF THIS CONNECTOR ARE INDICATED BY NUMBERS.

0140-33 AUDIO CONTROL SWITCH/CRUISE CONTROL SWITCH/DOWN SWITCH/SHORT CORD-CLOCK SPRING/STEERING SWITCH ILLUMINATION (CLOCK SPRING)

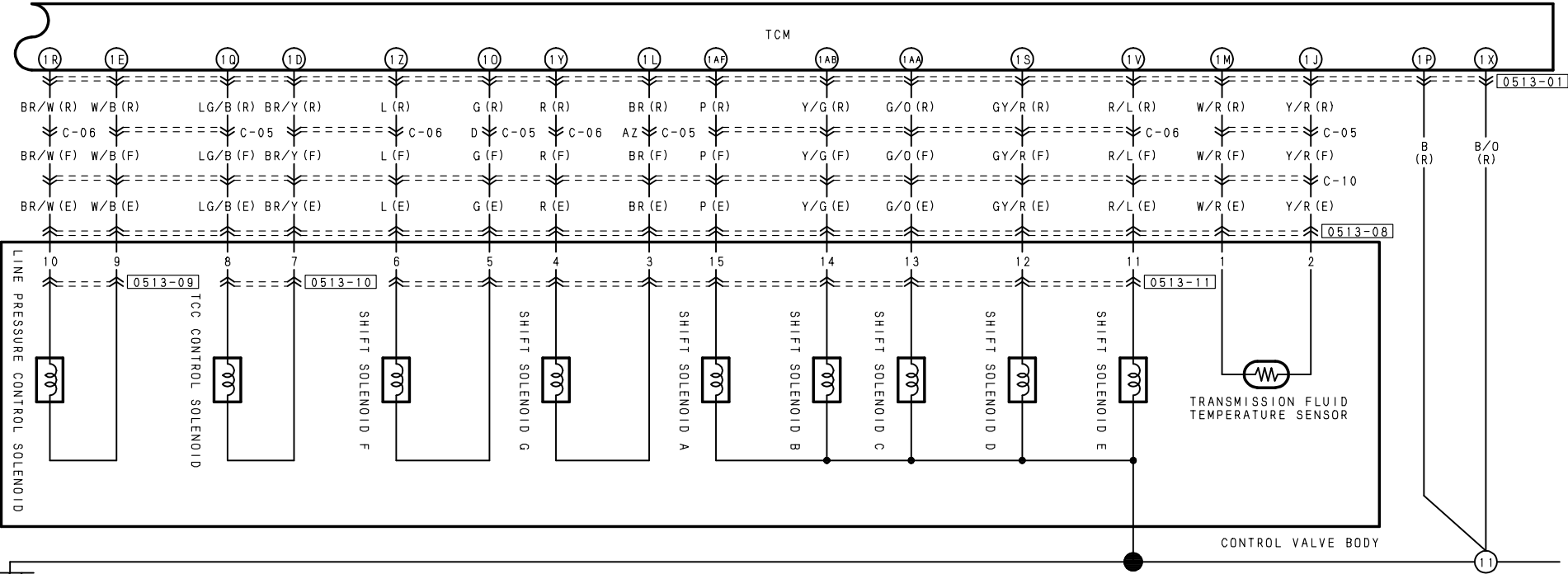


TERMINALS OF THIS CONNECTOR ARE INDICATED BY NUMBERS.

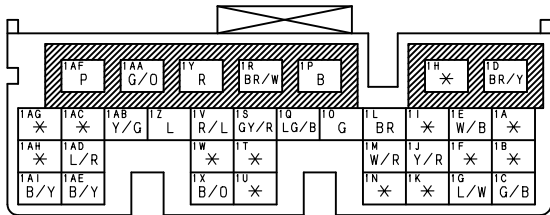
HARNESS SYMBOL:  (F)  (E)  (R)



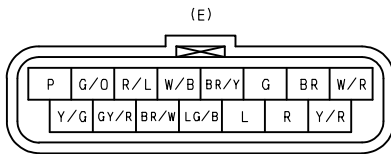
* ... VACANT



0513-01 TCM (R)



0513-08 ENGINE (E) -SHORT CORD



(SHORT CORD)

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

TERMINALS OF THIS CONNECTOR ARE INDICATED BY NUMBERS.

0513-09 LINE PRESSURE CONTROL SOLENOID (SHORT CORD)



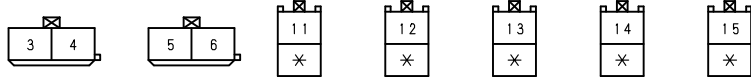
TERMINALS OF THIS CONNECTOR ARE INDICATED BY NUMBERS.

0513-10 TCC CONTROL SOLENOID (SHORT CORD)



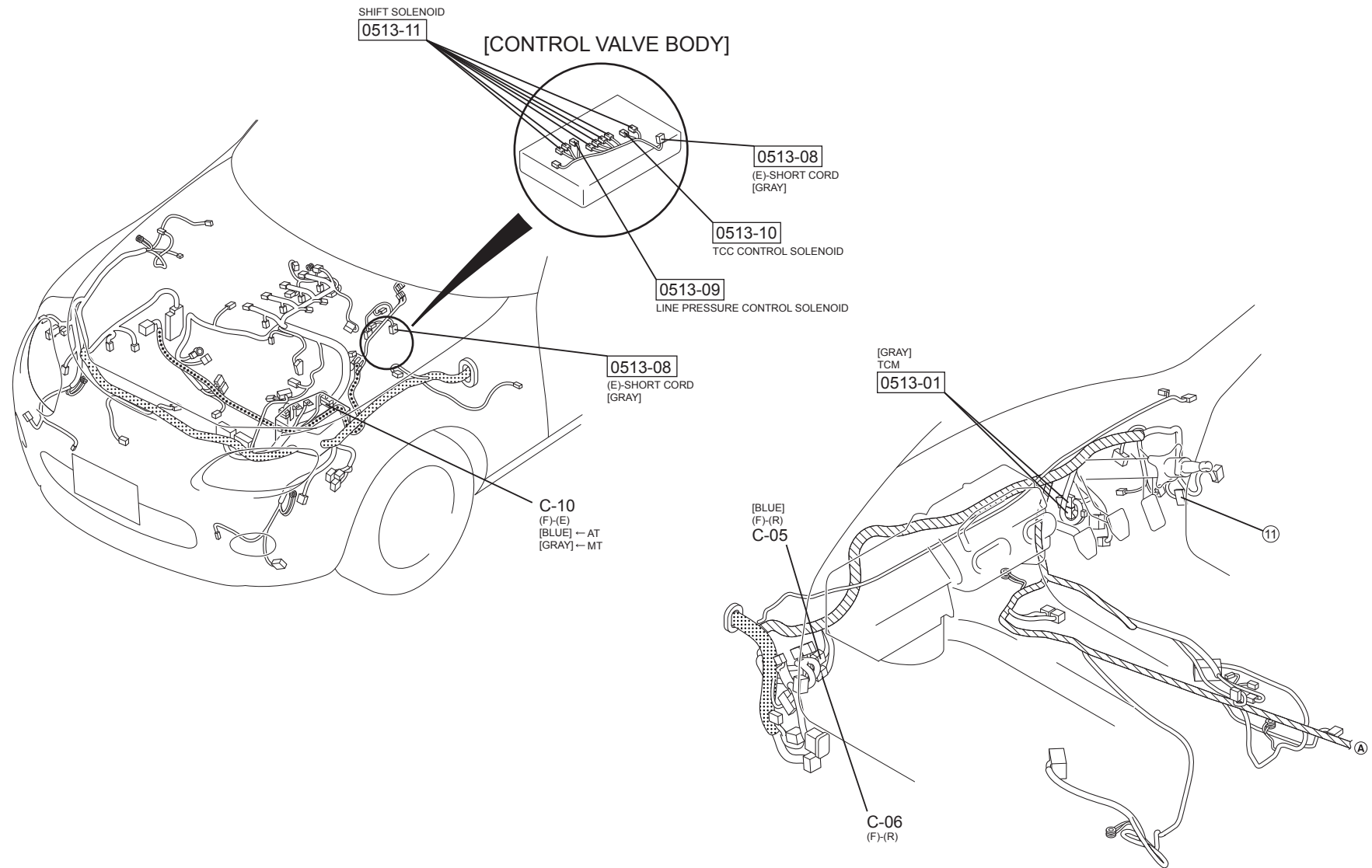
TERMINALS OF THIS CONNECTOR ARE INDICATED BY NUMBERS.

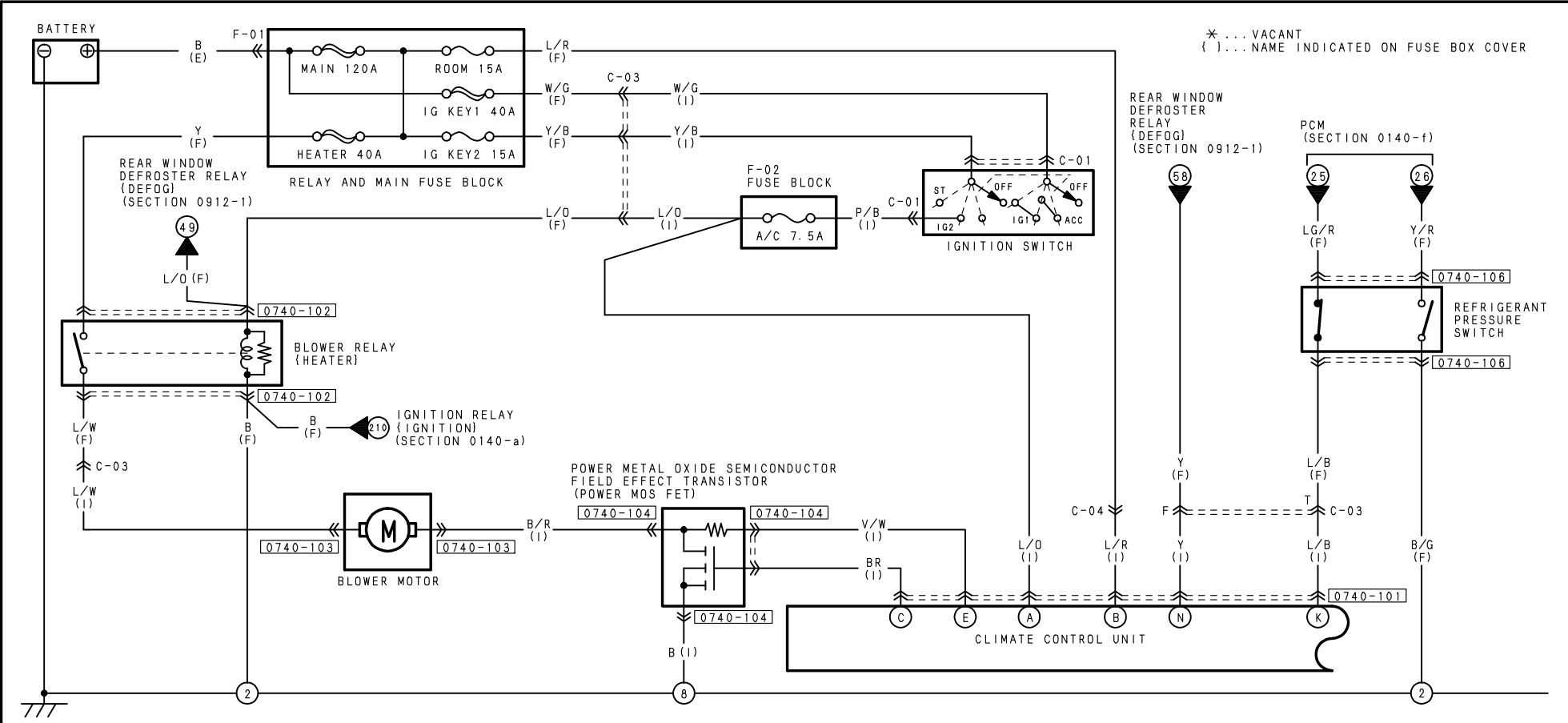
0513-11 SHIFT SOLENOID (SHORT CORD)






TERMINALS OF THIS CONNECTOR ARE INDICATED BY NUMBERS.

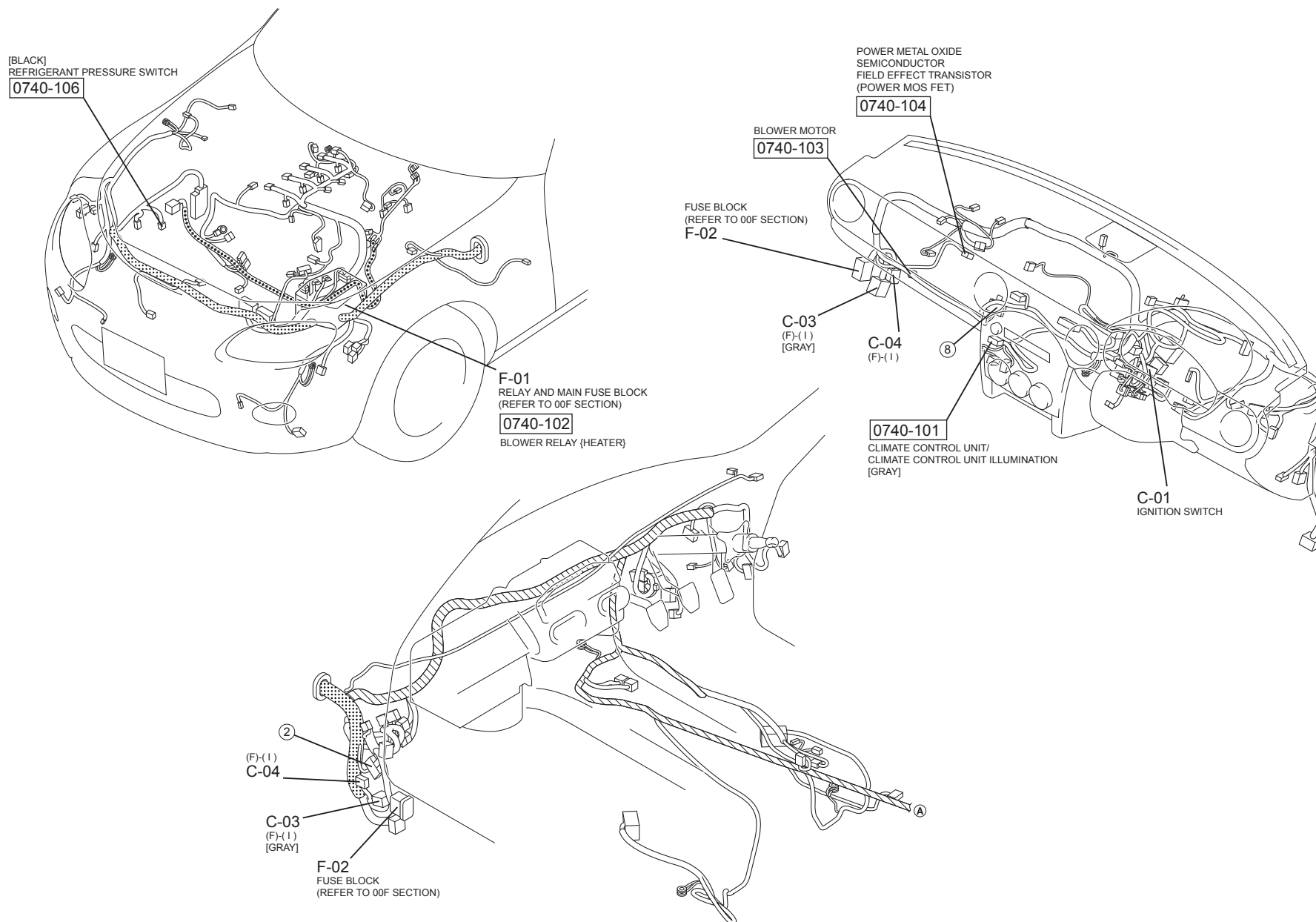
HARNESS SYMBOL:  (F)  (E)  (R)



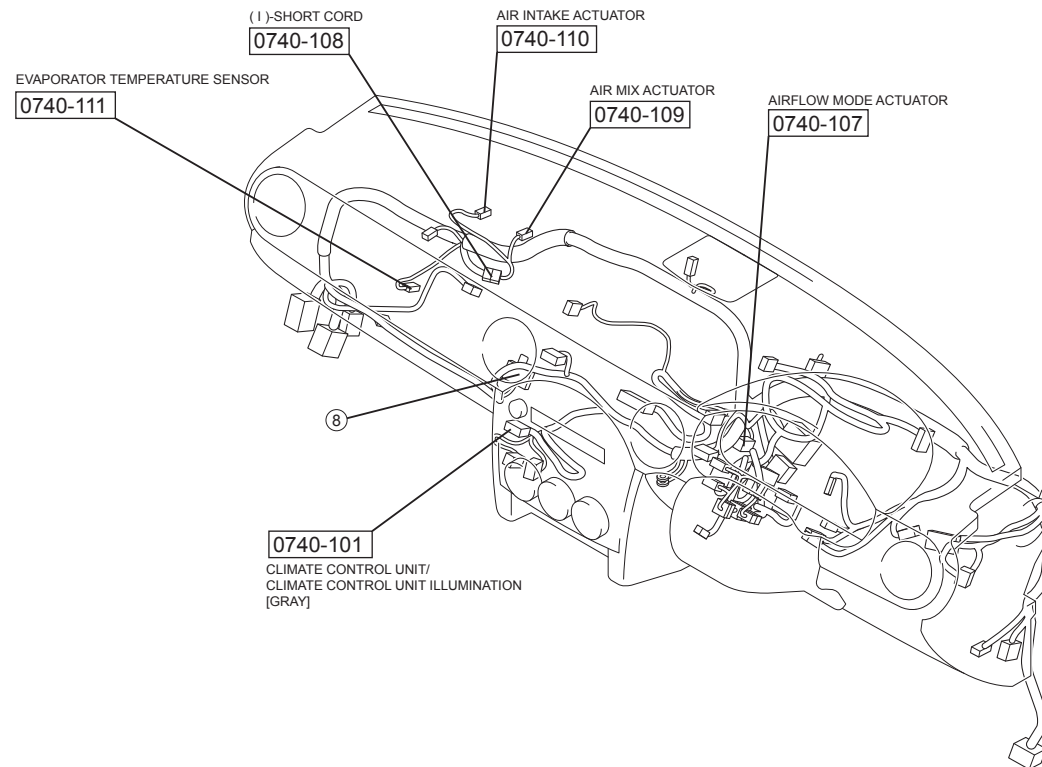


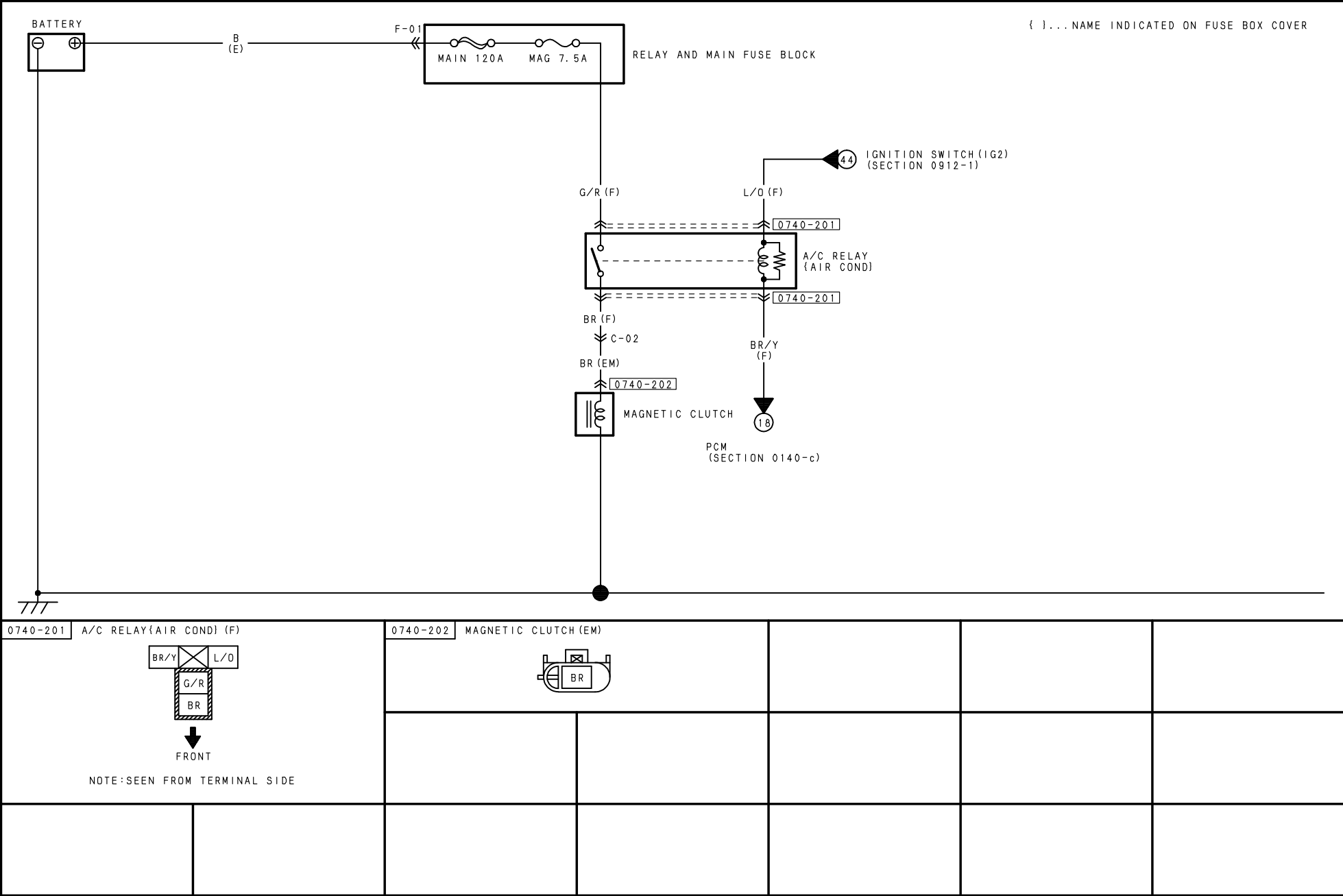
0740-101	CLIMATE CONTROL UNIT/ CLIMATE CONTROL UNIT ILLUMINATION (I)	0740-102	BLOWER RELAY { HEATER } (F)	0740-103	BLOWER MOTOR (I)	0740-104	POWER METAL OXIDE SEMICONDUCTOR FIELD EFFECT TRANSISTOR (POWER MOS FET) (I)																																																								
<table><tr><td>S</td><td>Q</td><td>O</td><td>M</td><td>K</td><td>I</td><td>G</td><td>E</td><td>C</td><td>A</td></tr><tr><td>B/W</td><td>*</td><td>*</td><td>R/W</td><td>L/B</td><td>L/Y</td><td>W/B</td><td>V/W</td><td>BR</td><td>L/O</td></tr><tr><td>*</td><td>*</td><td>*</td><td>Y</td><td>*</td><td>*</td><td>B</td><td>GY/R</td><td>R/L</td><td>L/R</td></tr><tr><td>T</td><td>R</td><td>P</td><td>N</td><td>L</td><td>J</td><td>H</td><td>F</td><td>D</td><td>B</td></tr></table>		S	Q	O	M	K	I	G	E	C	A	B/W	*	*	R/W	L/B	L/Y	W/B	V/W	BR	L/O	*	*	*	Y	*	*	B	GY/R	R/L	L/R	T	R	P	N	L	J	H	F	D	B	<table><tr><td colspan="2">L/W</td><td colspan="2">Y</td></tr><tr><td>L/O</td><td colspan="2">X</td><td>B</td></tr></table> <p>FRONT NOTE: SEEN FROM TERMINAL SIDE</p>		L/W		Y		L/O	X		B	<table><tr><td colspan="2">L/W</td></tr><tr><td colspan="2">B/R</td></tr></table>		L/W		B/R		<table><tr><td>B/R</td><td>BR</td></tr><tr><td>B</td><td>V/W</td></tr></table>		B/R	BR	B	V/W
S	Q	O	M	K	I	G	E	C	A																																																						
B/W	*	*	R/W	L/B	L/Y	W/B	V/W	BR	L/O																																																						
*	*	*	Y	*	*	B	GY/R	R/L	L/R																																																						
T	R	P	N	L	J	H	F	D	B																																																						
L/W		Y																																																													
L/O	X		B																																																												
L/W																																																															
B/R																																																															
B/R	BR																																																														
B	V/W																																																														
		0740-106		REFRIGERANT PRESSURE SWITCH (F)																																																											
				<table><tr><td>Y/R</td><td>L/B</td></tr><tr><td>LG/R</td><td>B/G</td></tr></table>		Y/R	L/B	LG/R	B/G																																																						
Y/R	L/B																																																														
LG/R	B/G																																																														

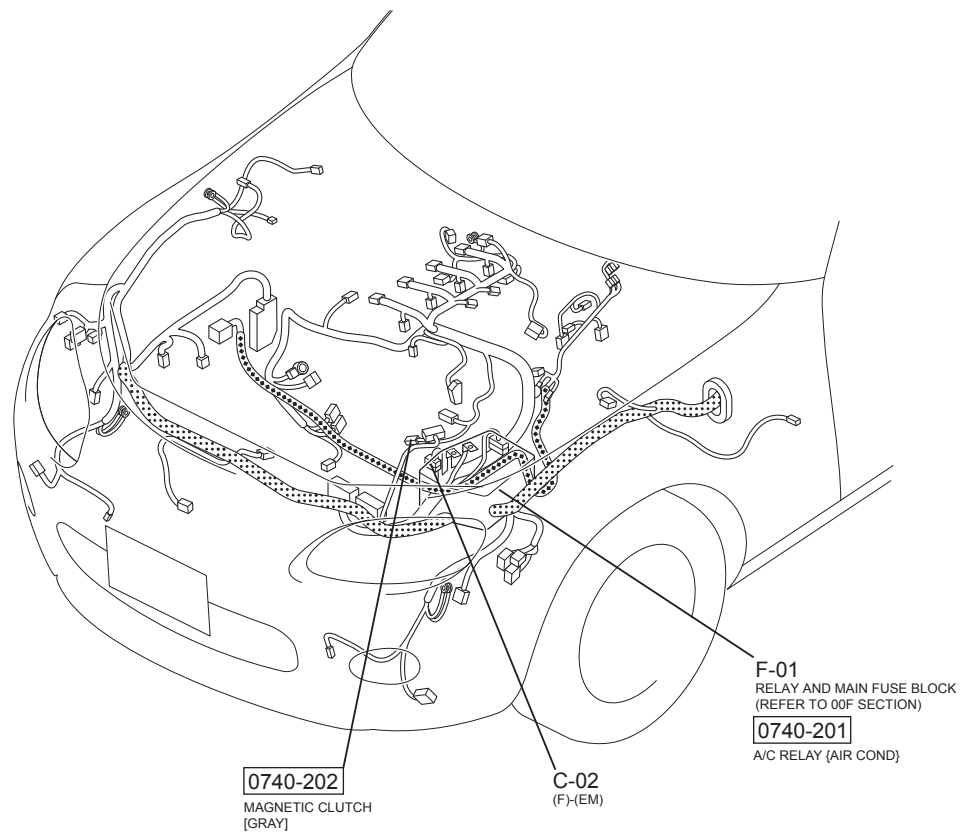
HARNESS SYMBOL:  (F)  (E)  (R)



HARNESS SYMBOL:  (F)  (E)  (R)



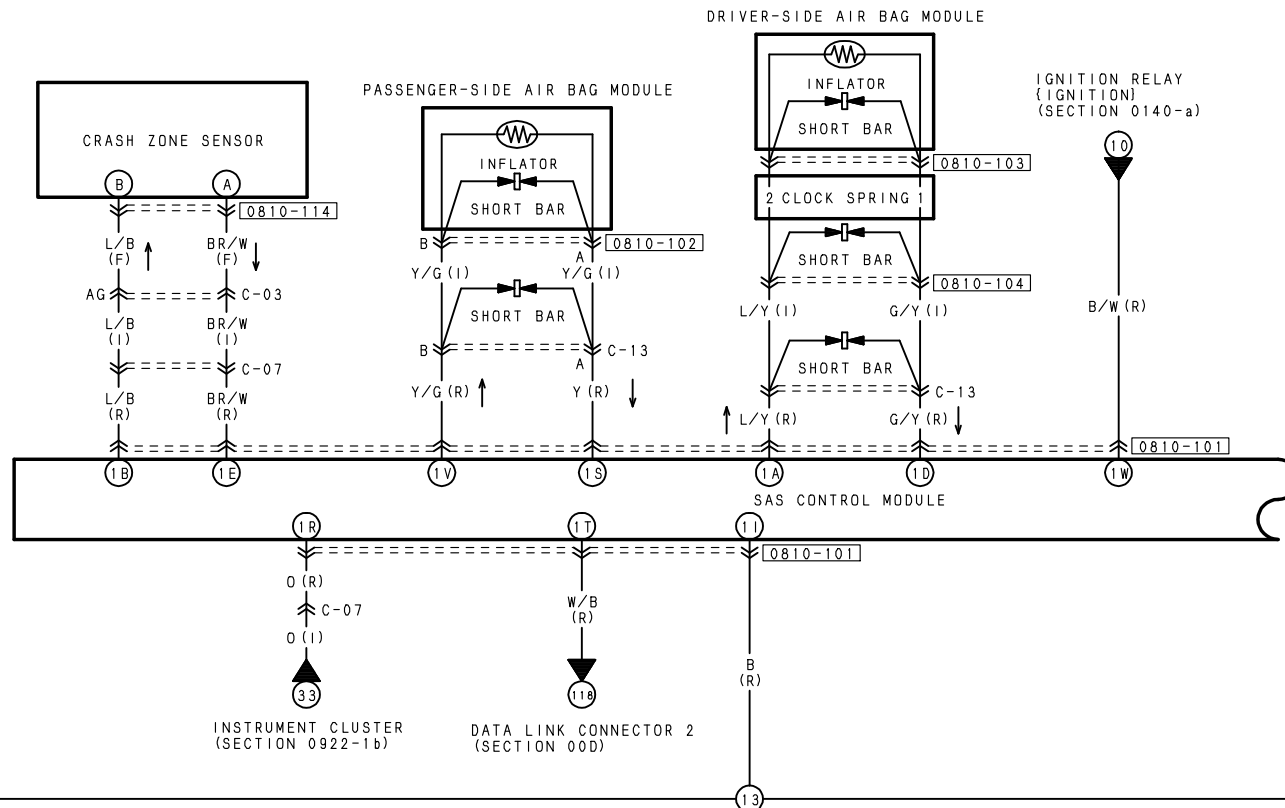




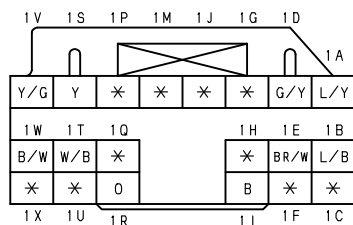
AIR BAG SYSTEM (INCLUDES PRE-TENSIONER SEAT BELT INFORMATION)

0810-1a

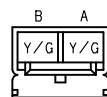
* ... VACANT



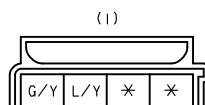
0810-101 SAS CONTROL MODULE (R)



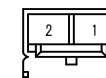
0810-102 PASSENGER-SIDE AIR BAG MODULE (I)



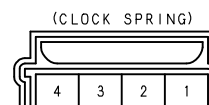
0810-104 INSTRUMENT PANEL (I) - CLOCK SPRING



0810-103 DRIVER-SIDE AIR BAG MODULE (CLOCK SPRING)

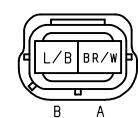


TERMINALS OF THIS CONNECTOR ARE INDICATED BY NUMBERS.

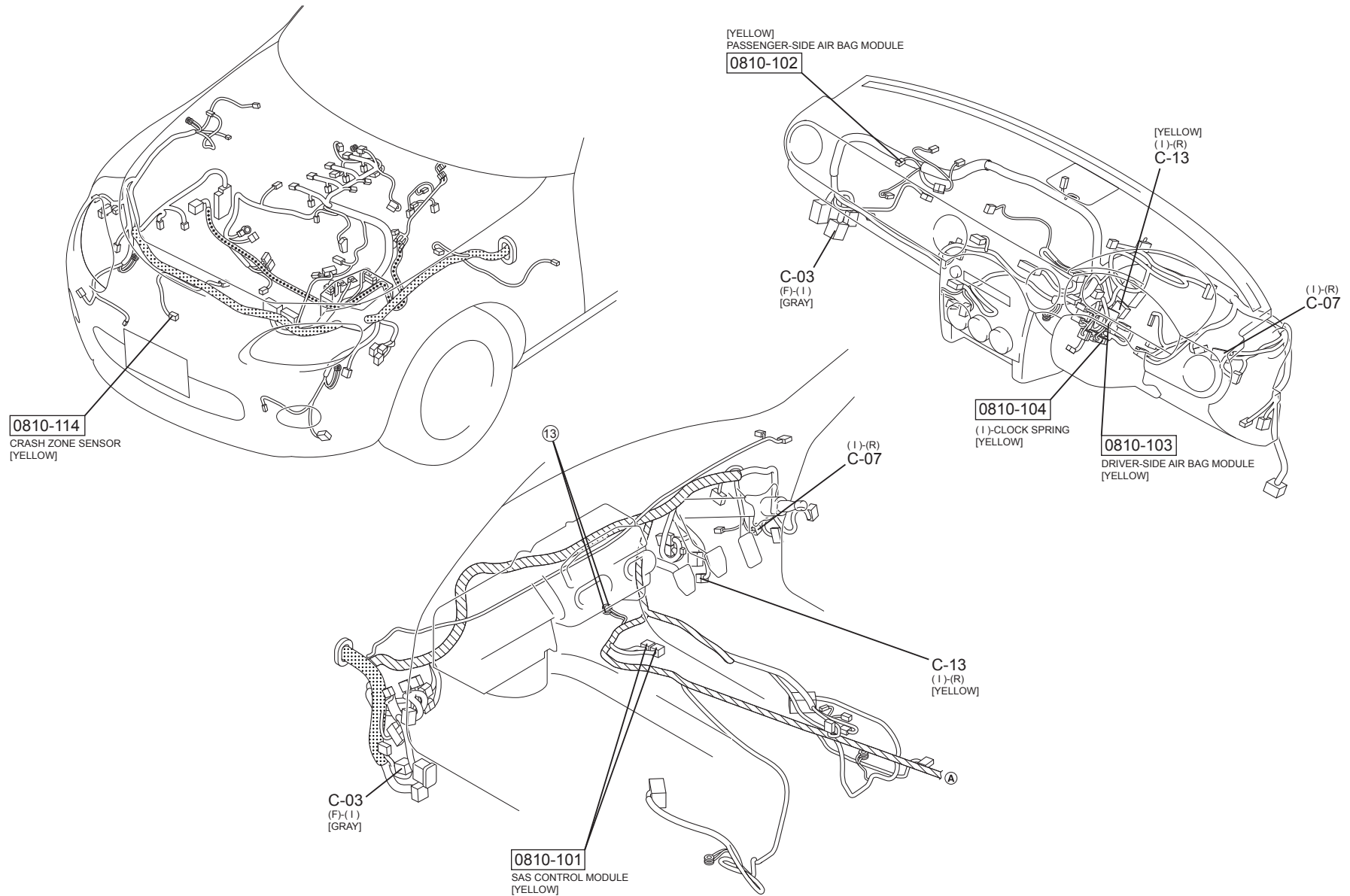


TERMINALS OF THIS CONNECTOR ARE INDICATED BY NUMBERS.

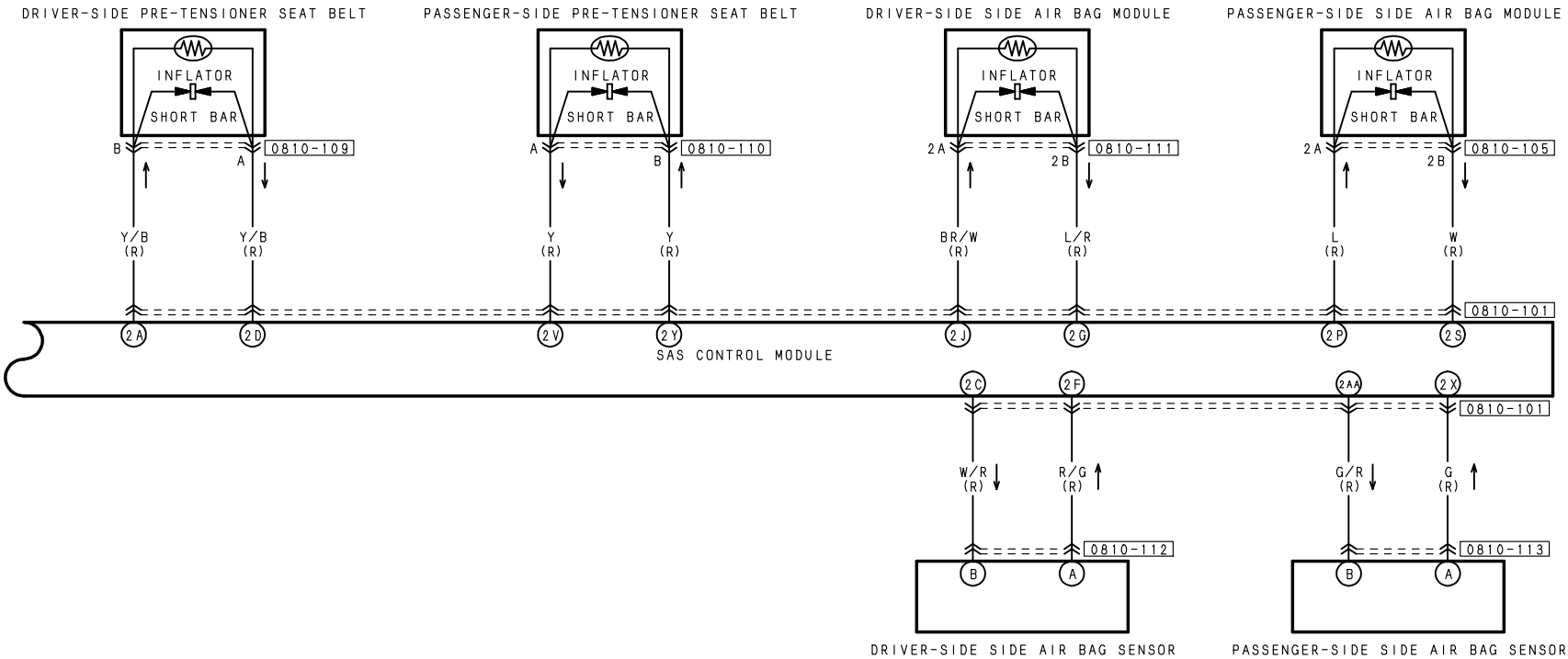
0810-114 CRASH ZONE SENSOR (F)



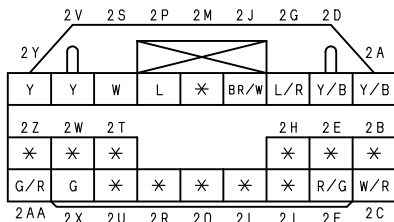
HARNESS SYMBOL:  (F)  (E)  (R)



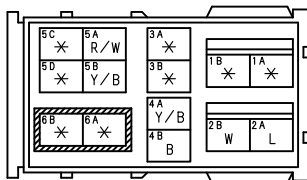
* ... VACANT



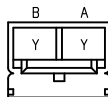
0810-101 SAS CONTROL MODULE (R)



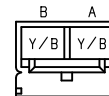
0810-105 PASSENGER-SIDE SIDE AIR BAG MODULE/
BUCKLE SWITCH LH/OCCUPANCY SENSOR (R)



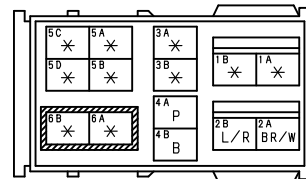
0810-110 PASSENGER-SIDE PRE-TENSIONER SEAT BELT (R)



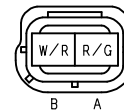
0810-109 DRIVER-SIDE PRE-TENSIONER SEAT BELT (R)



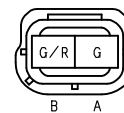
0810-111 DRIVER-SIDE SIDE AIR BAG MODULE/
BUCKLE SWITCH RH (R)



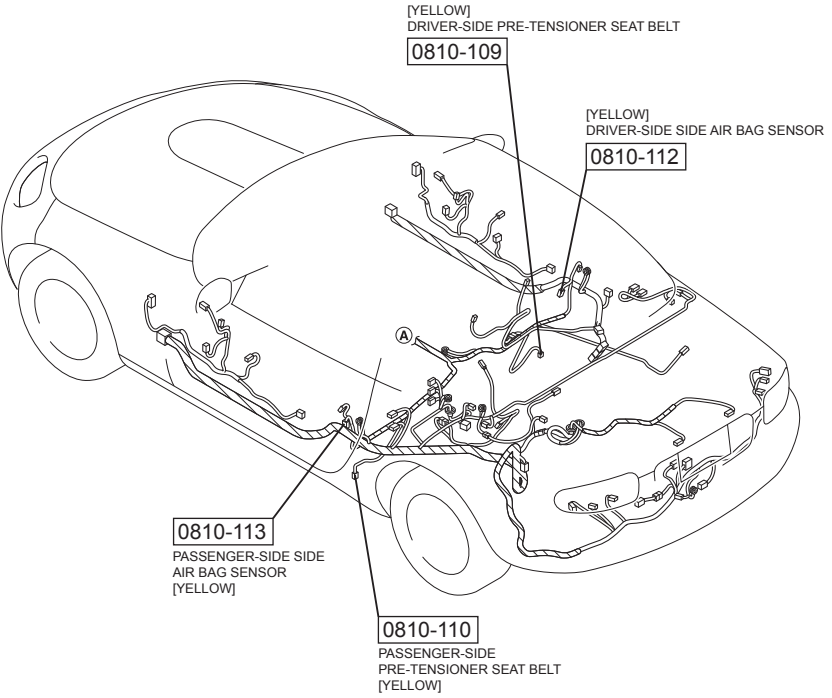
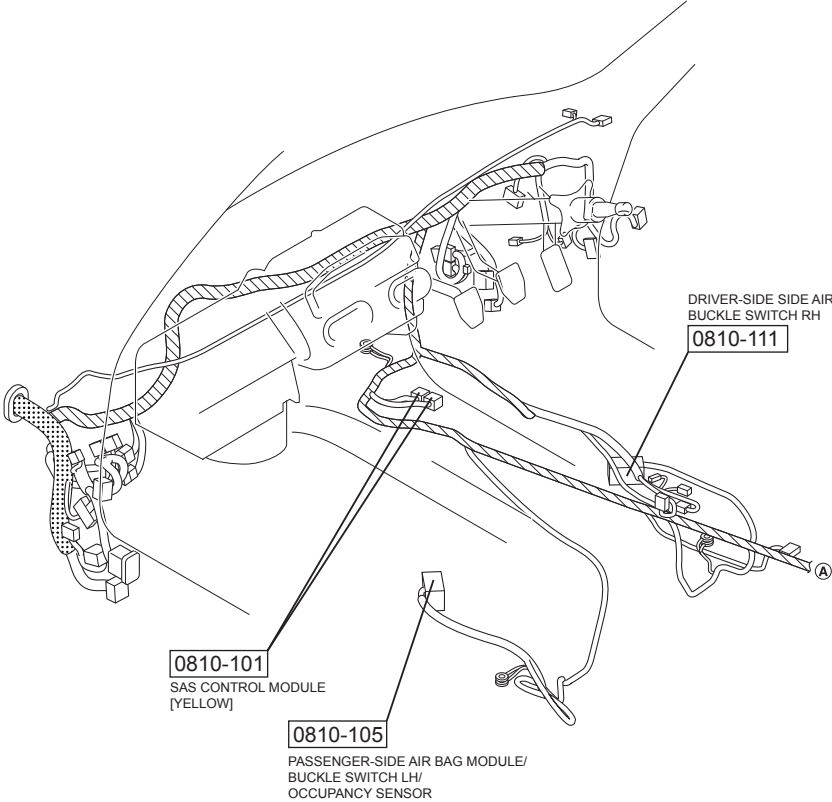
0810-112 DRIVER-SIDE
SIDE AIR BAG
SENSOR (R)

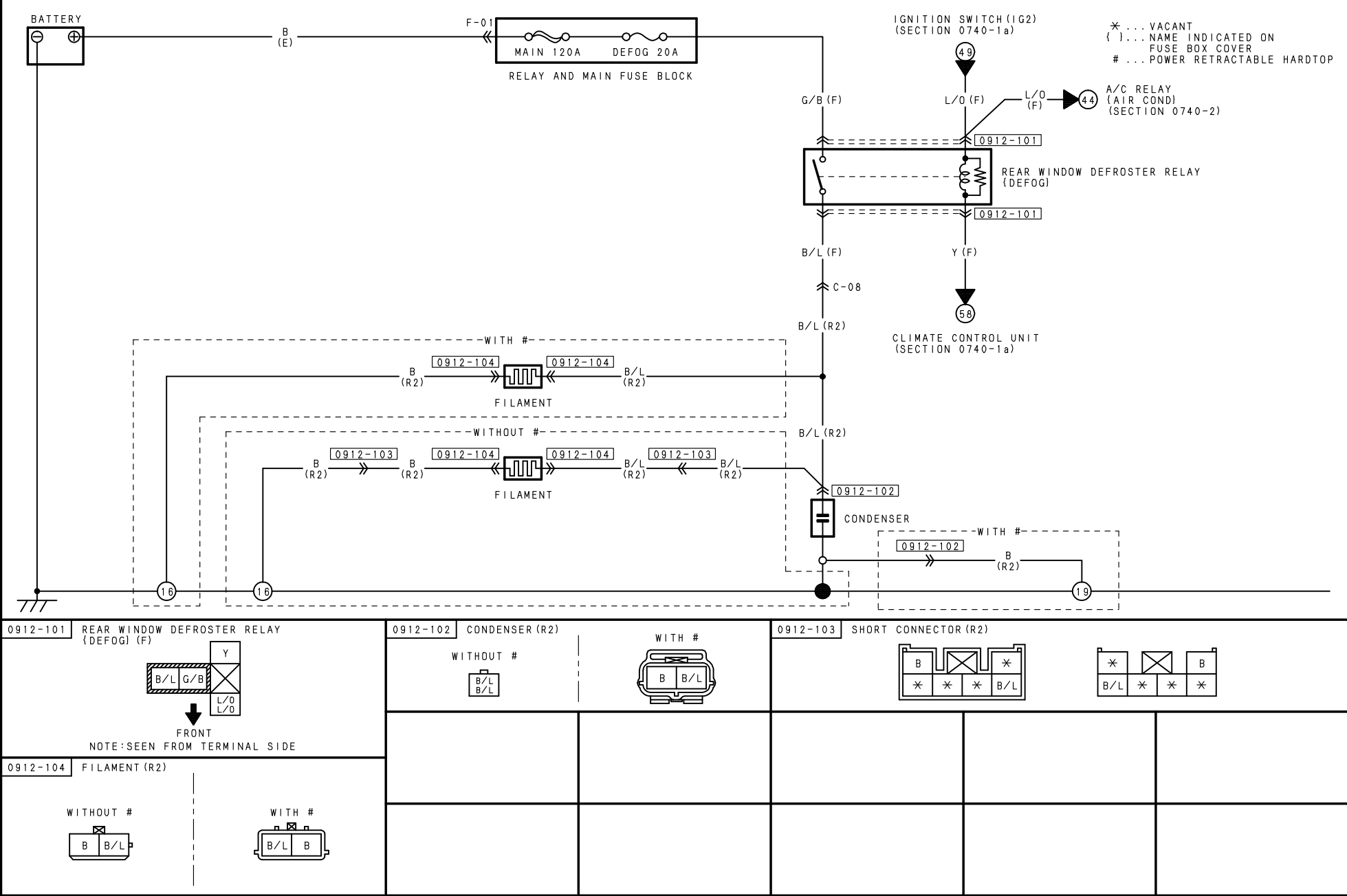



0810-113 PASSENGER-SIDE
SIDE AIR BAG
SENSOR (R)

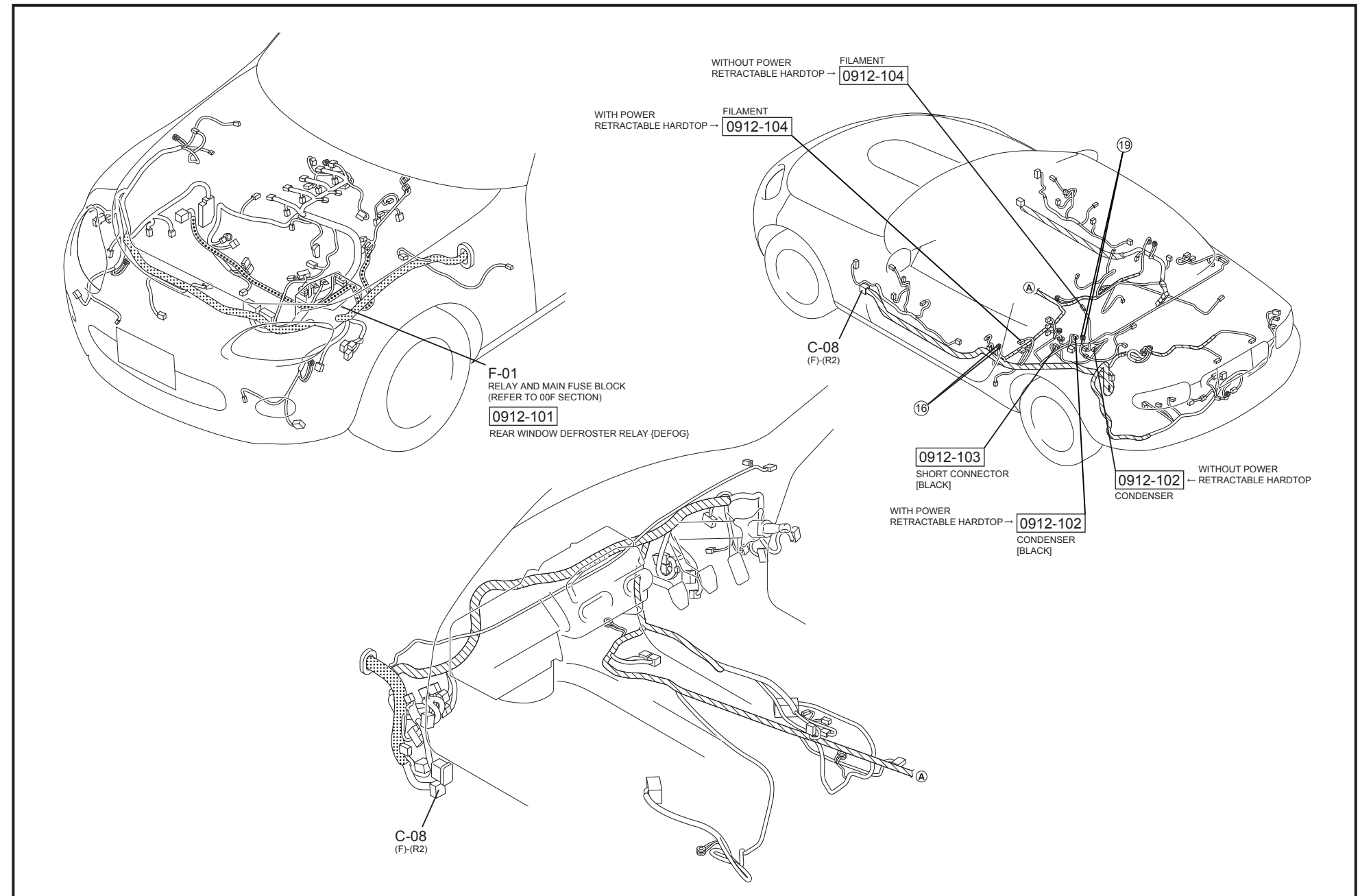


HARNESS SYMBOL:  (F)  (E)  (R)






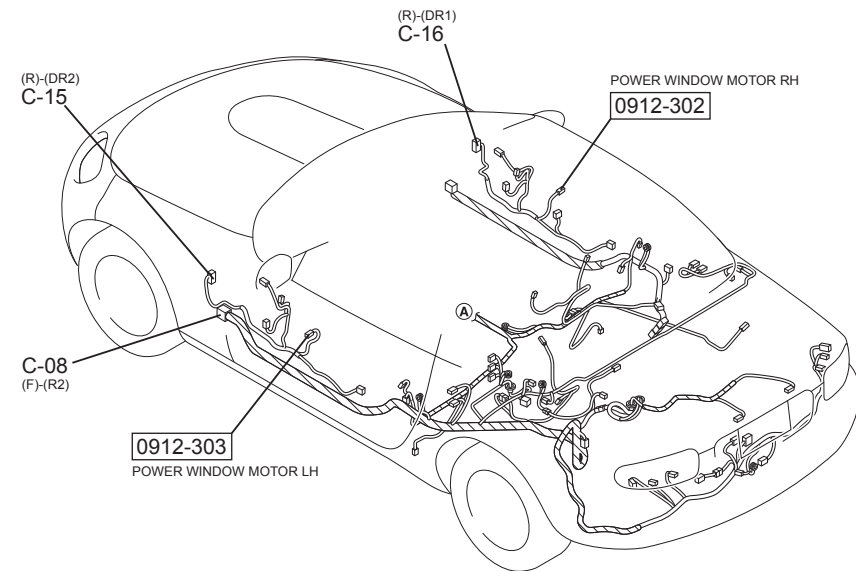
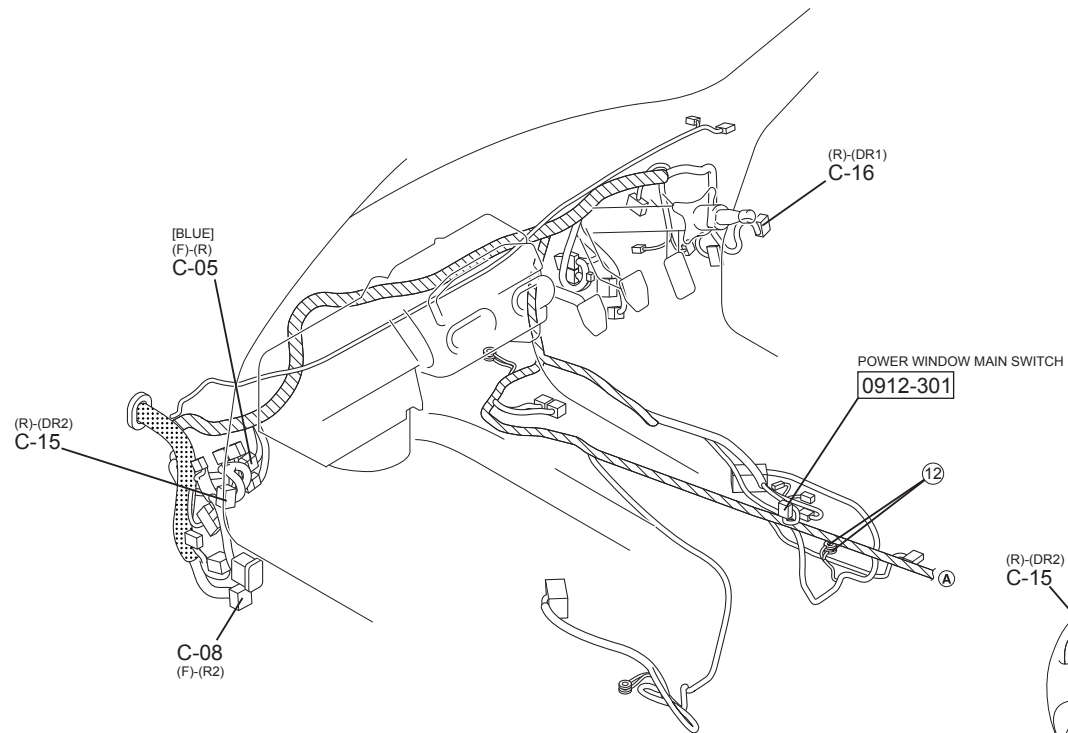
HARNESS SYMBOL:  (F)  (E)  (R)





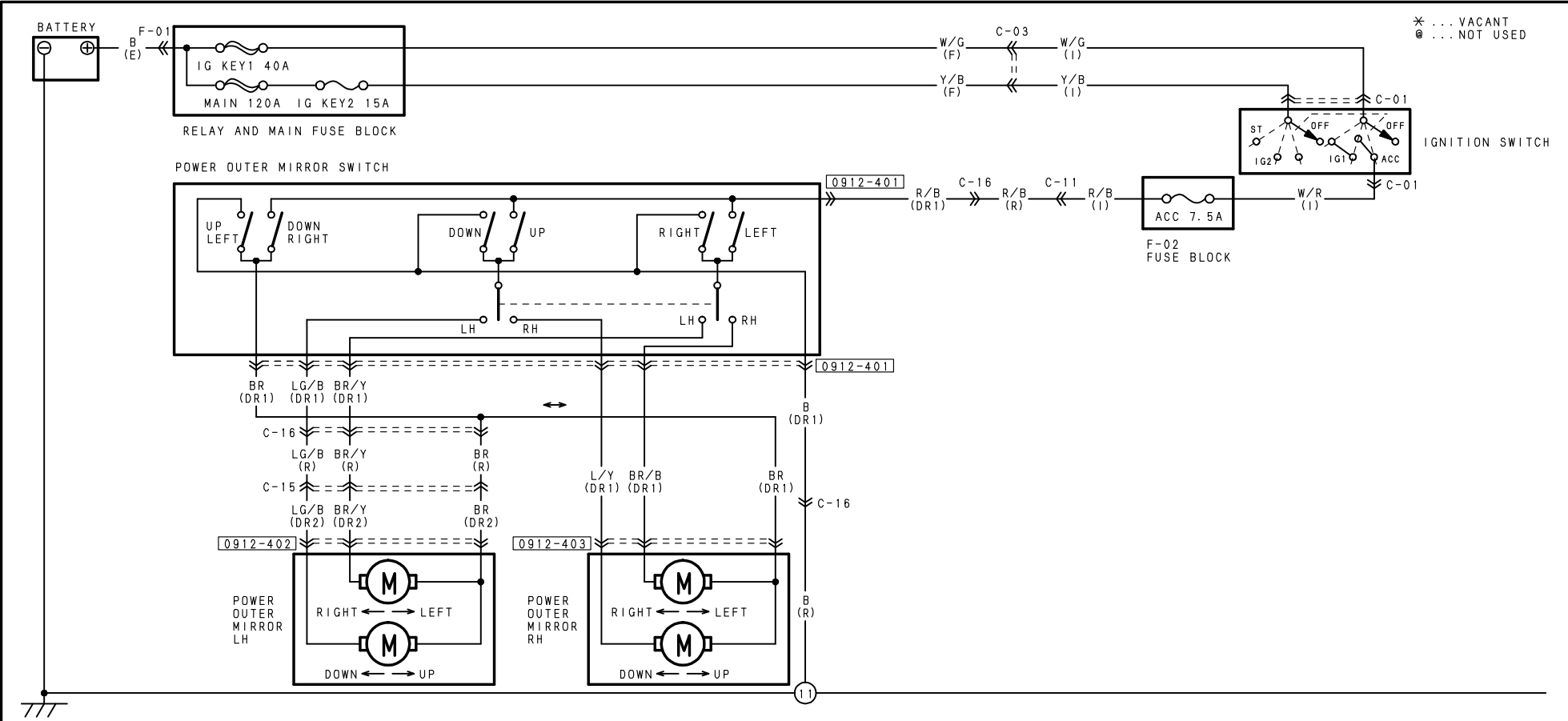
HARNESS SYMBOL:  (F)  (E)  (R)

79






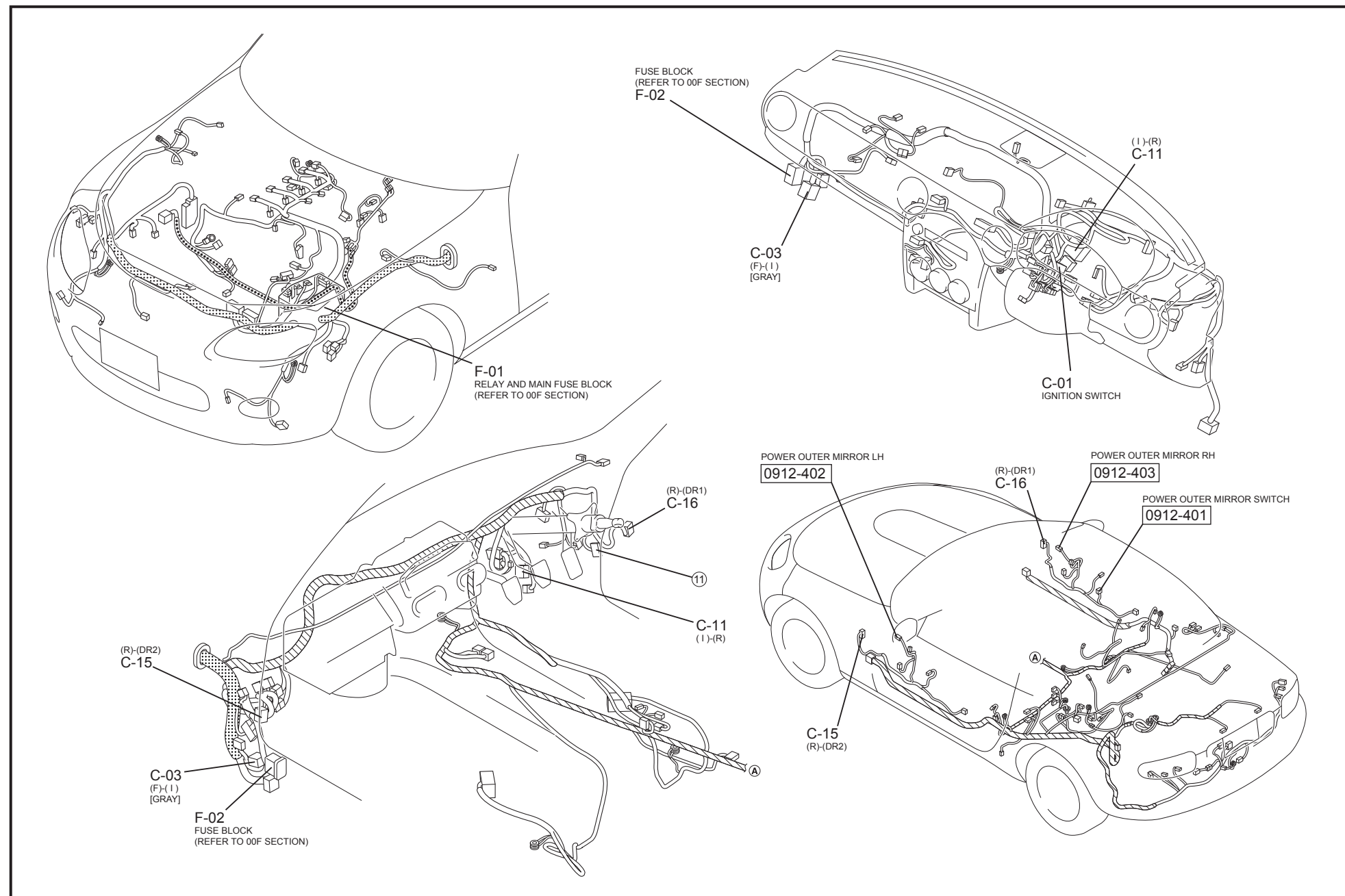
POWER OUTER MIRROR

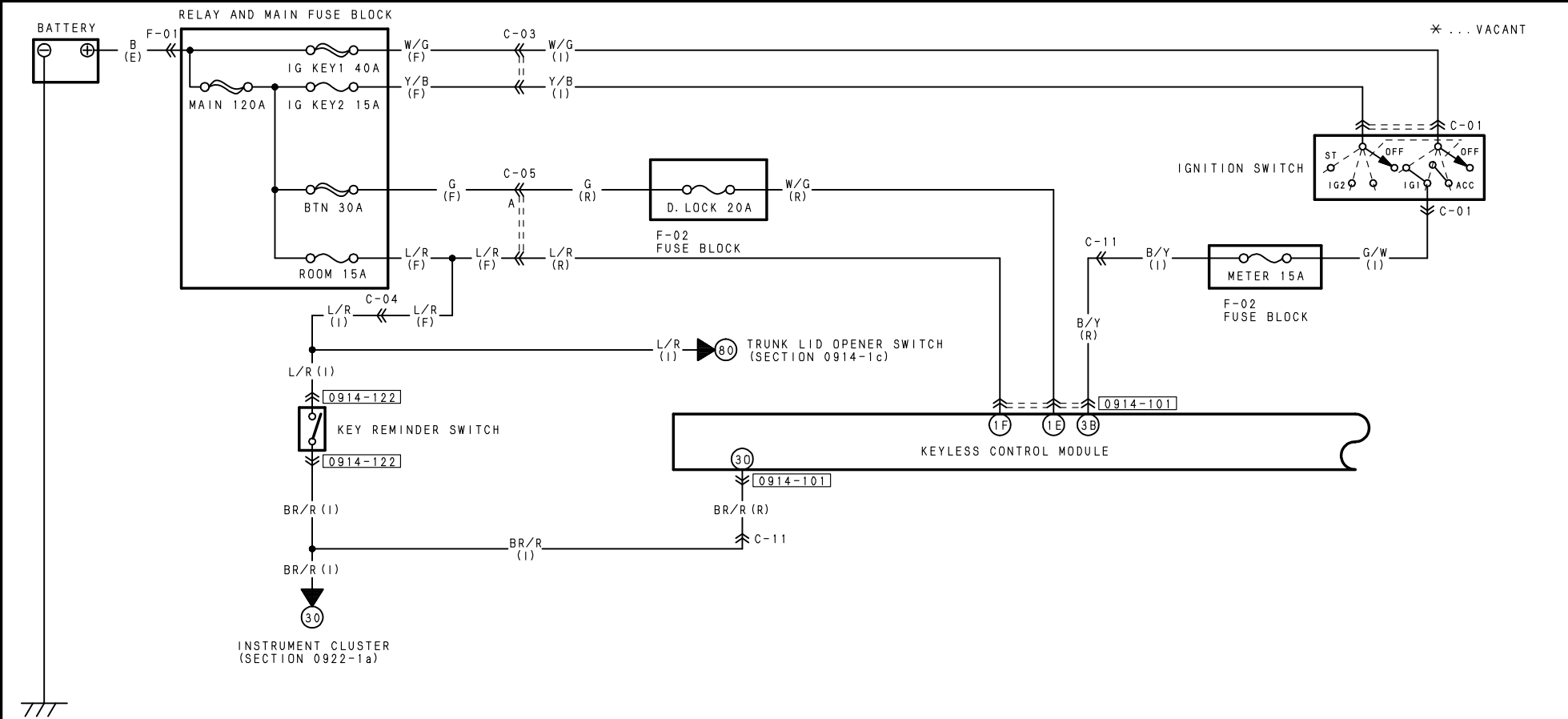
0912-4



0912-401	POWER OUTER MIRROR SWITCH (DR1)	0912-402	POWER OUTER MIRROR LH (DR2)	0912-403	POWER OUTER MIRROR RH (DR1)	

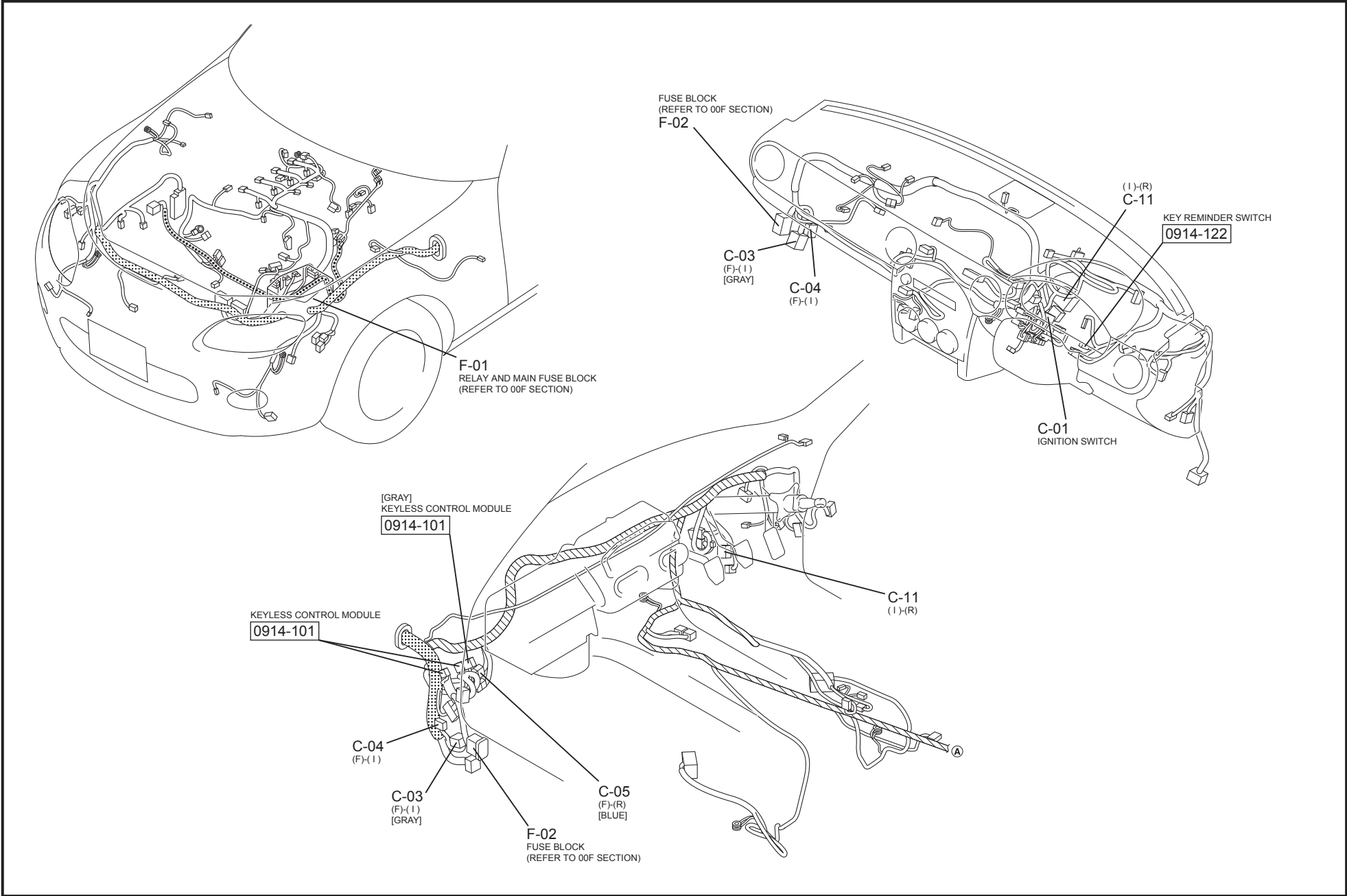
HARNESS SYMBOL:  (F)  (E)  (R)



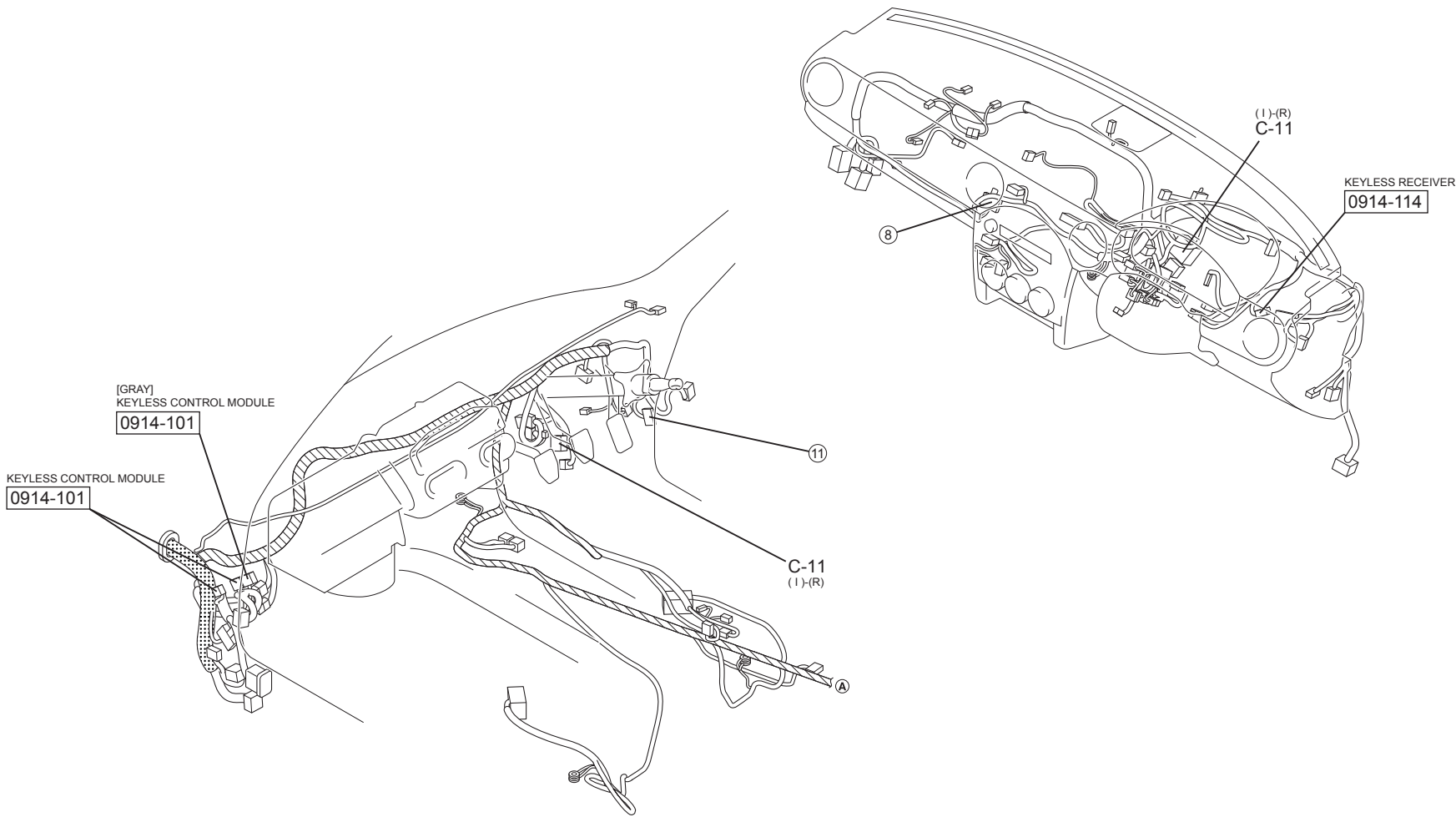


0914-101 KEYLESS CONTROL MODULE (R)			0914-122 KEY REMINDER SWITCH (I)		

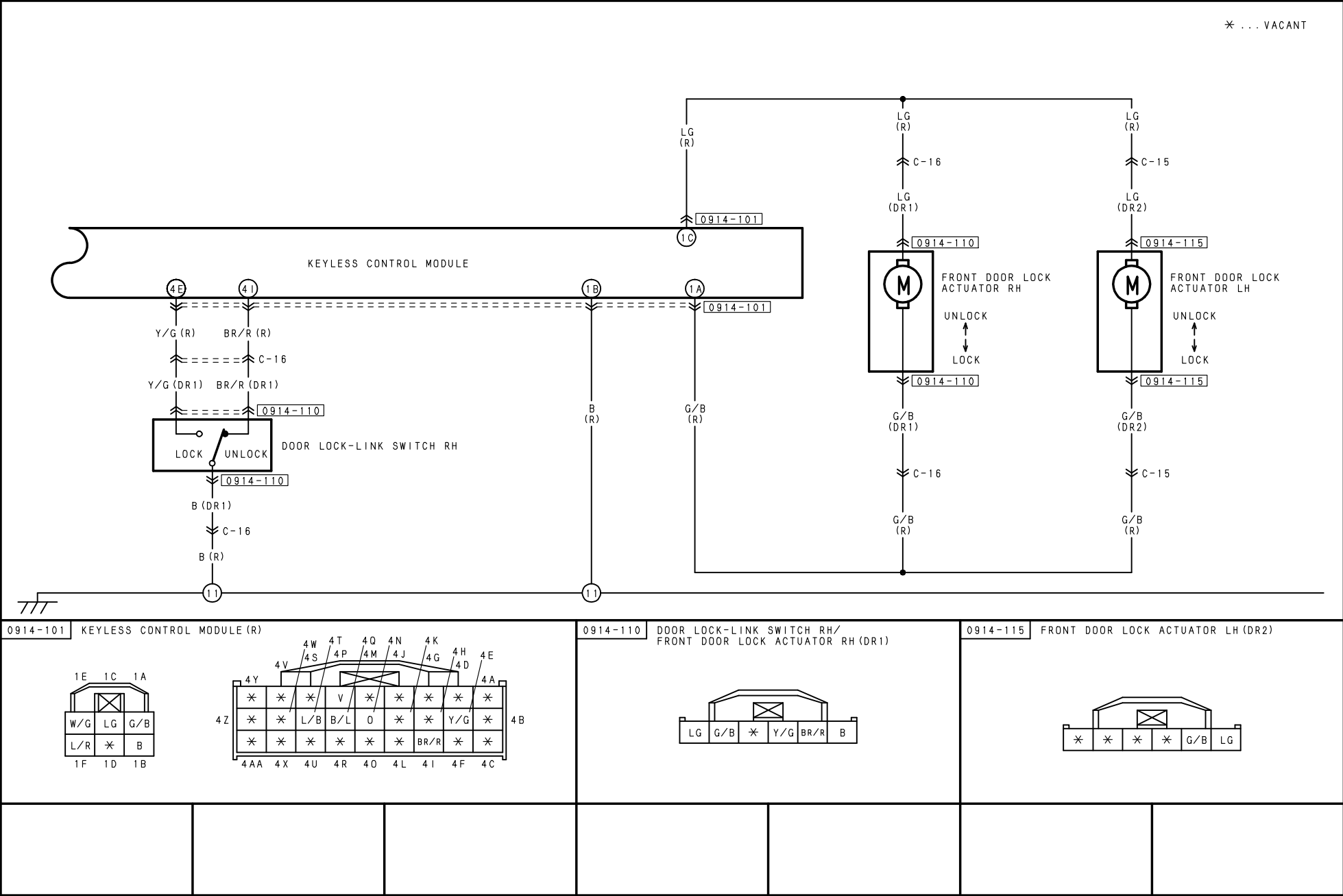
HARNESS SYMBOL:  (F)  (E)  (R)



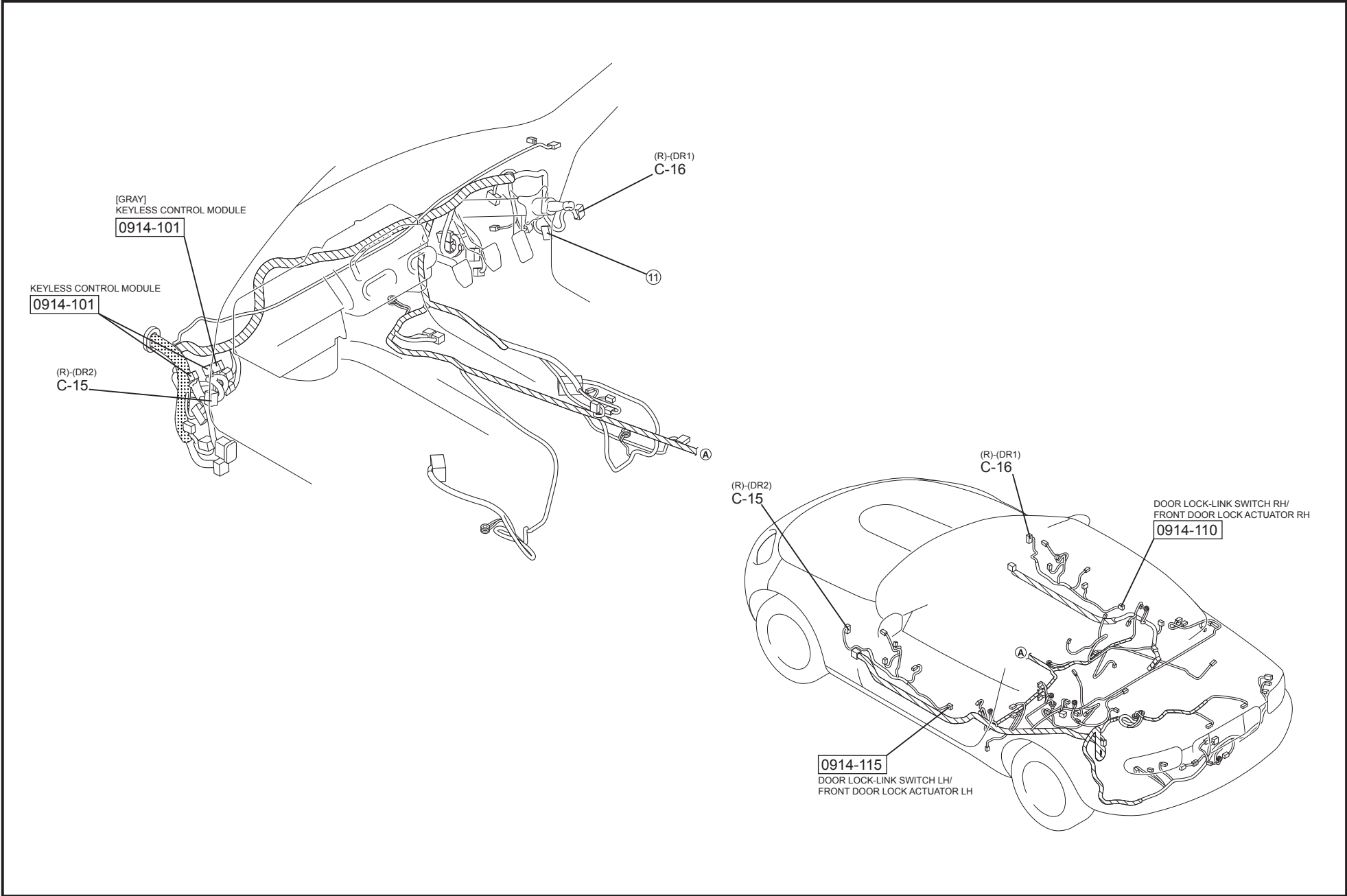
HARNESS SYMBOL:  (F)  (E)  (R)

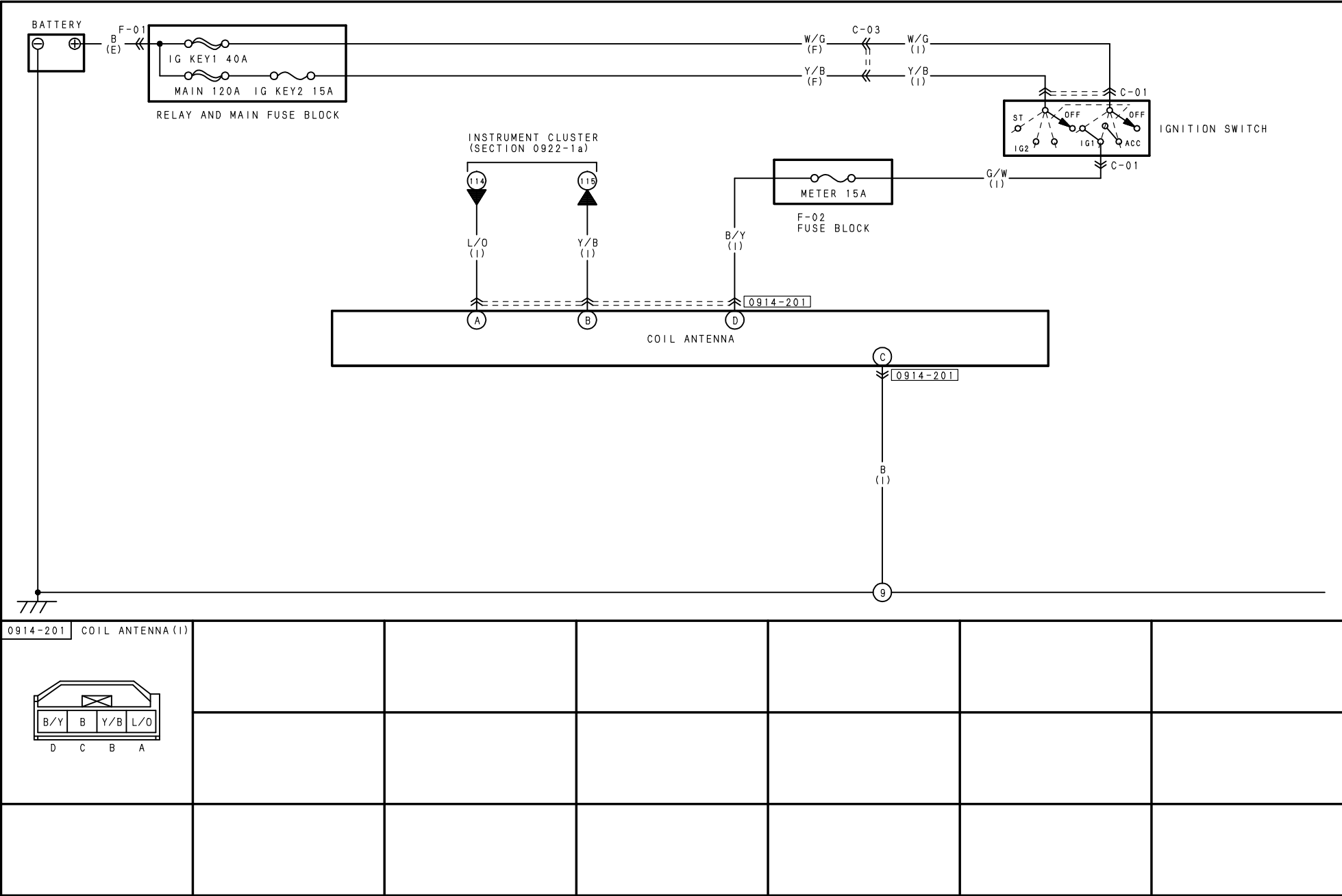


* ... VACANT

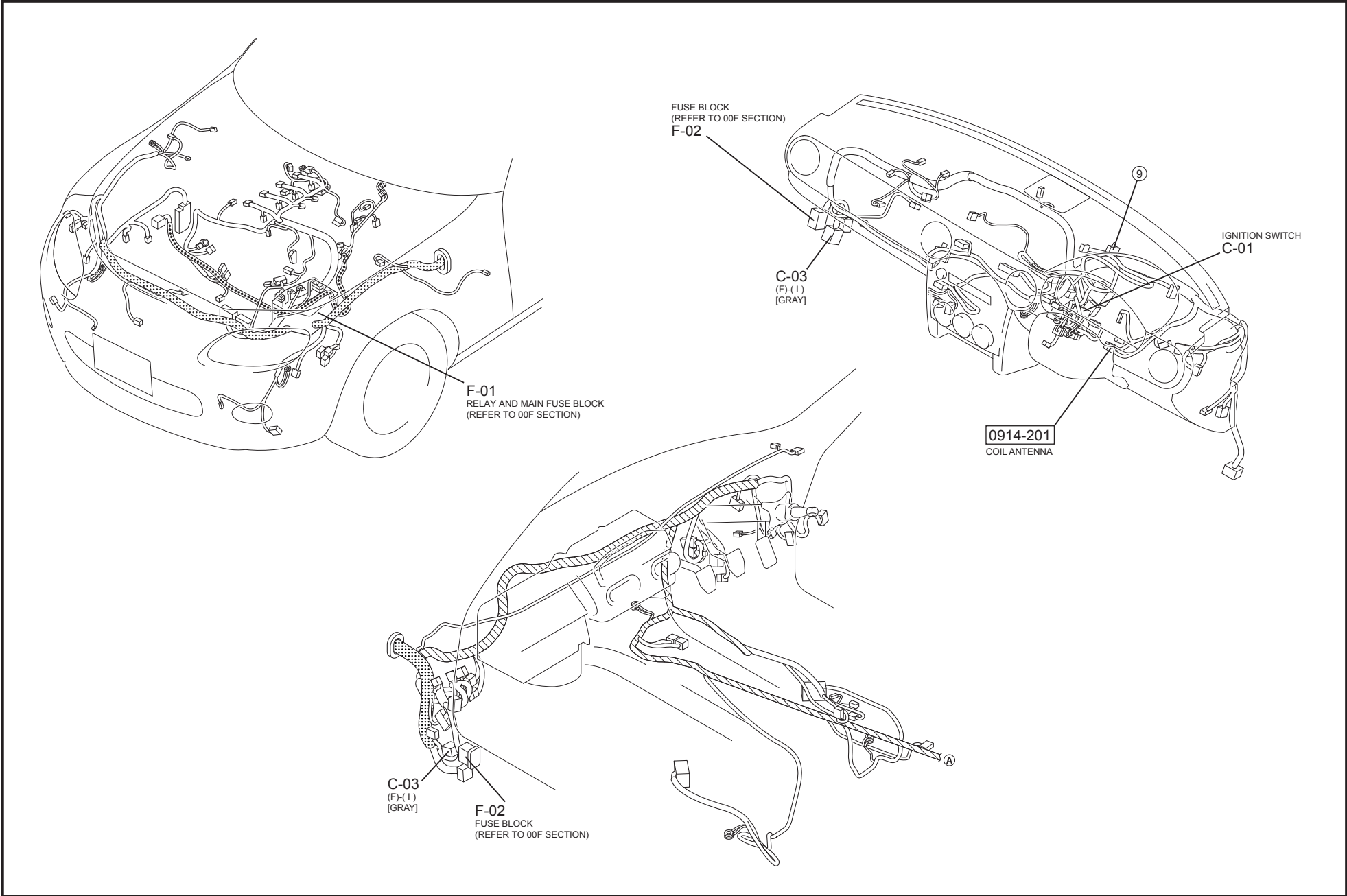


HARNESS SYMBOL:  (F)  (E)  (R)

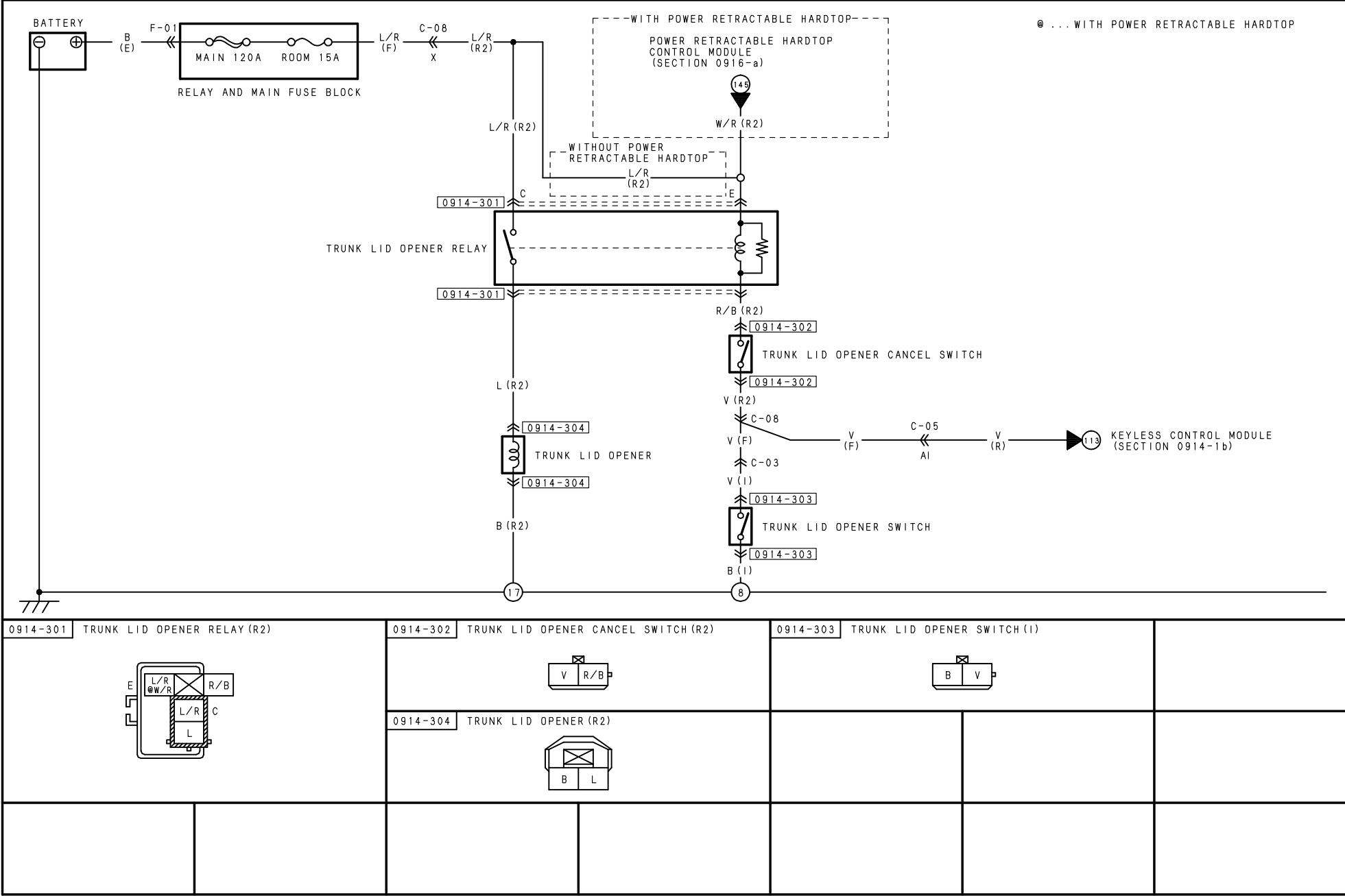







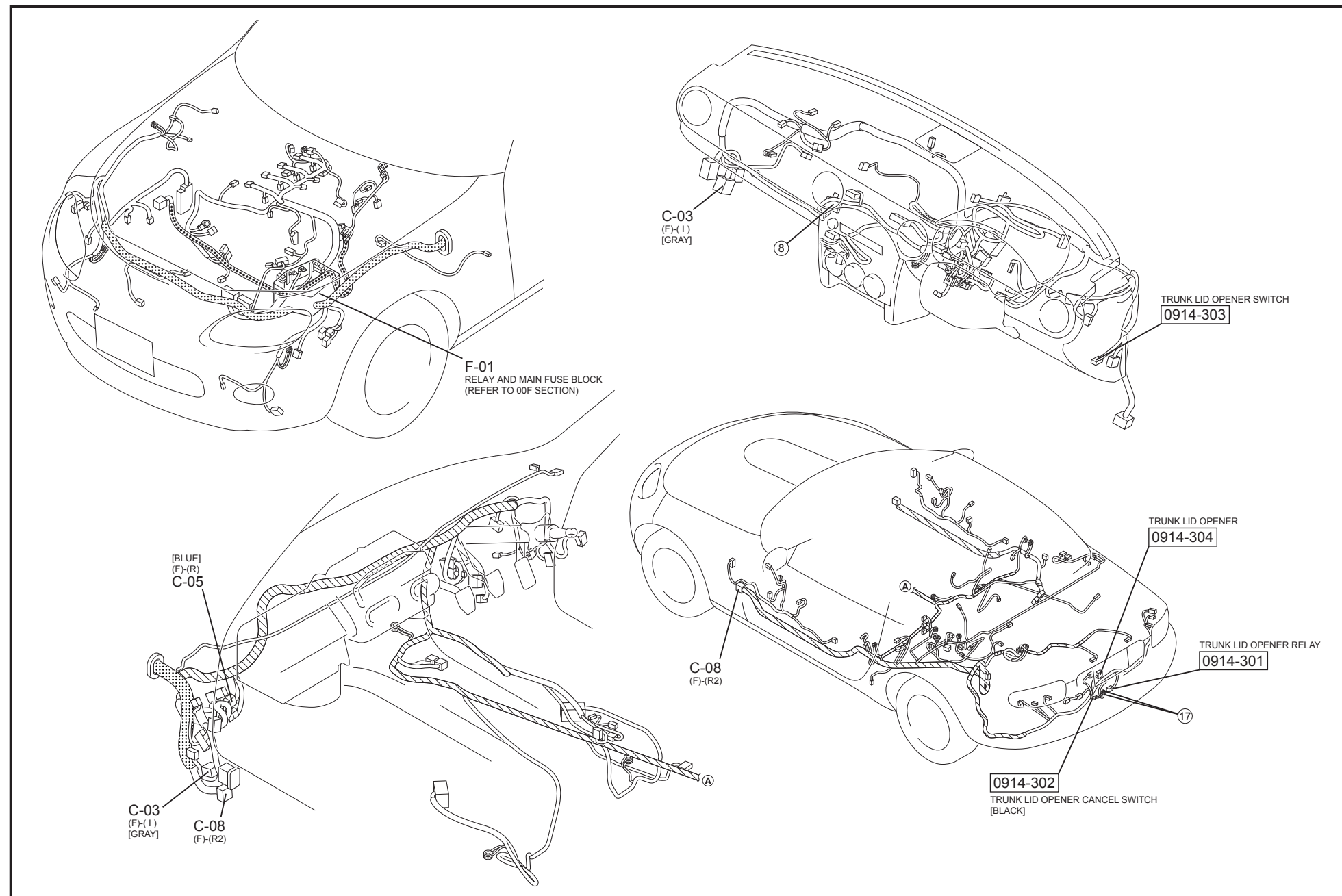
HARNESS SYMBOL:  (F)  (E)  (R)

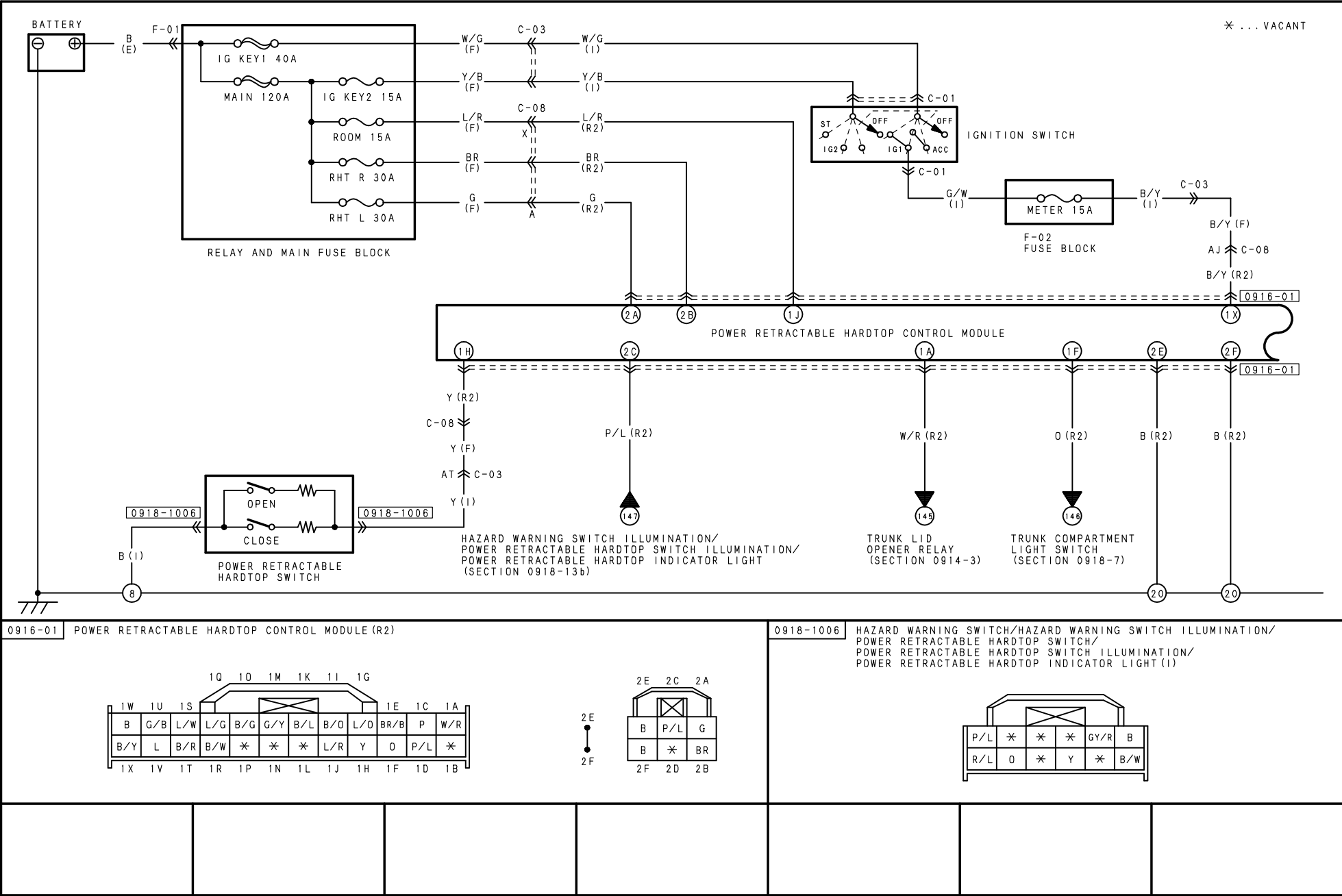





06



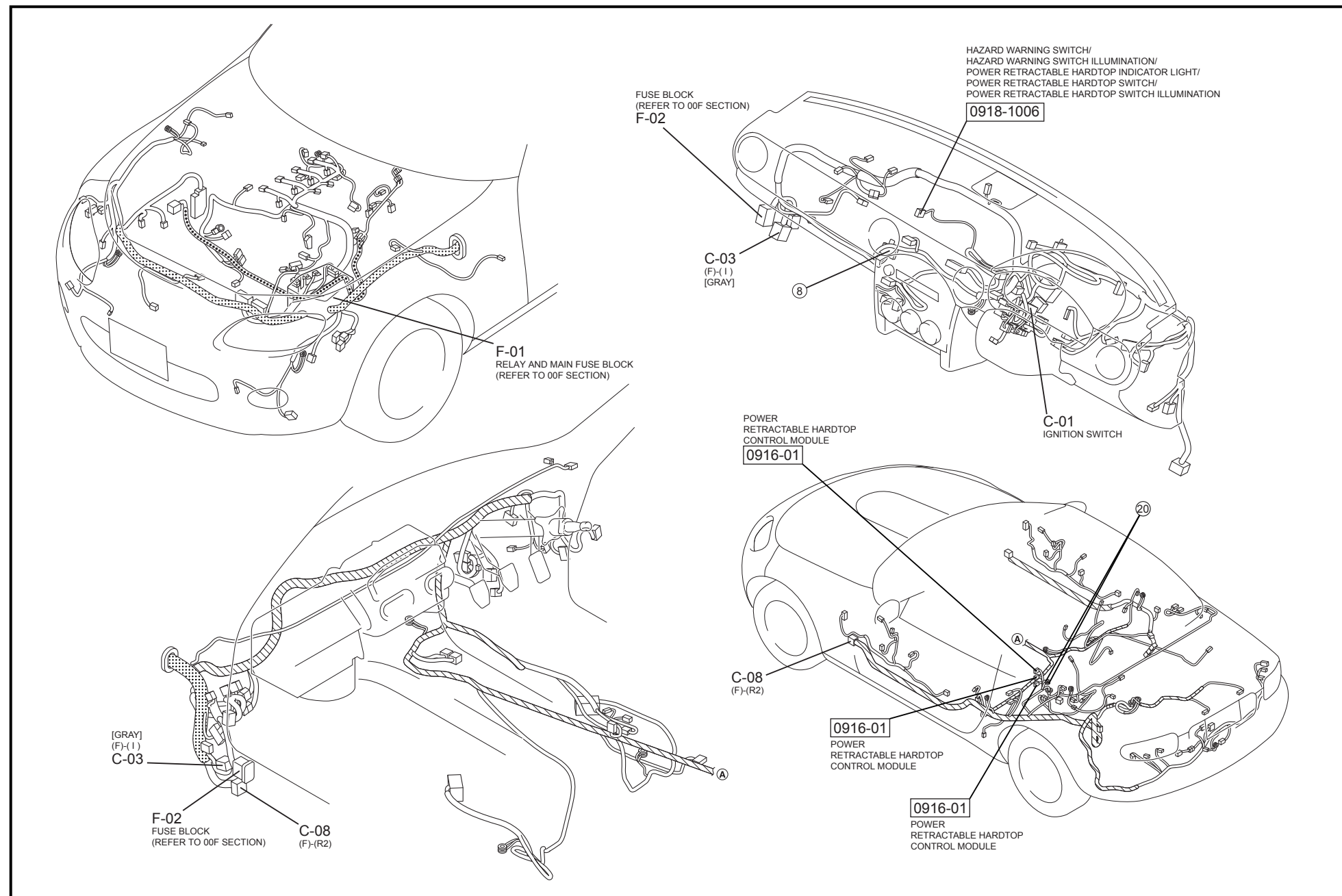
HARNESS SYMBOL:  (F)  (E)  (R)






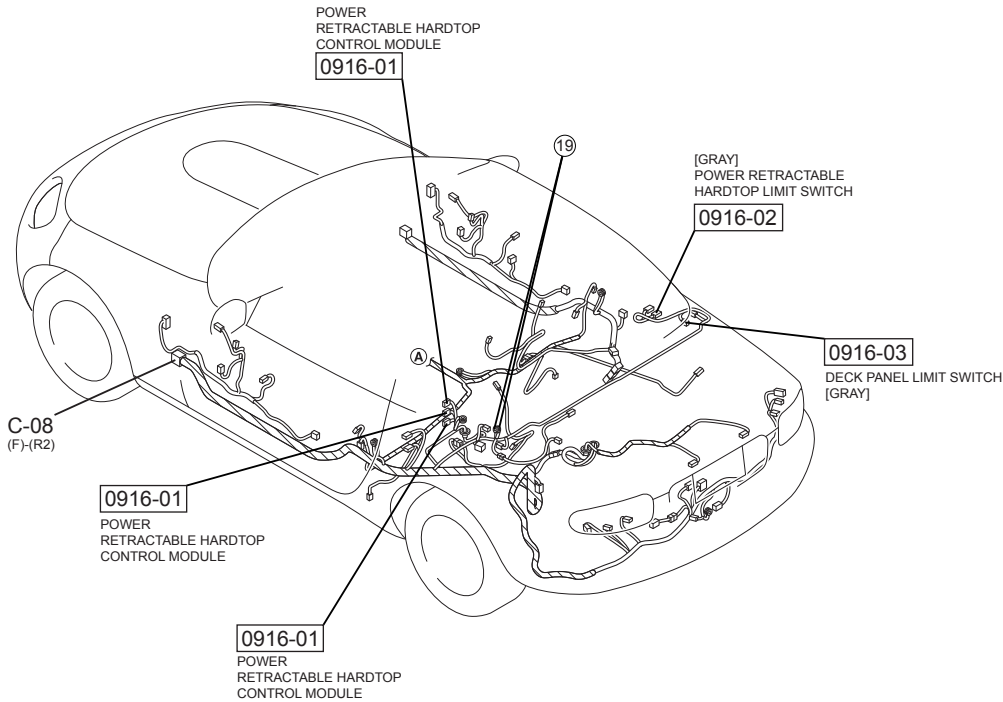
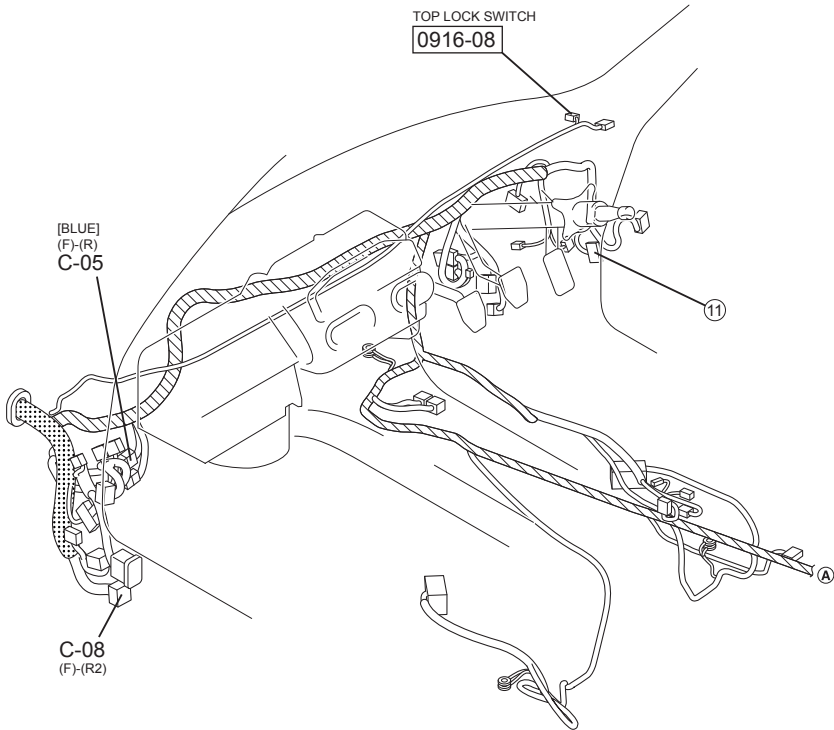
HARNESS SYMBOL:  (F)  (E)  (R)

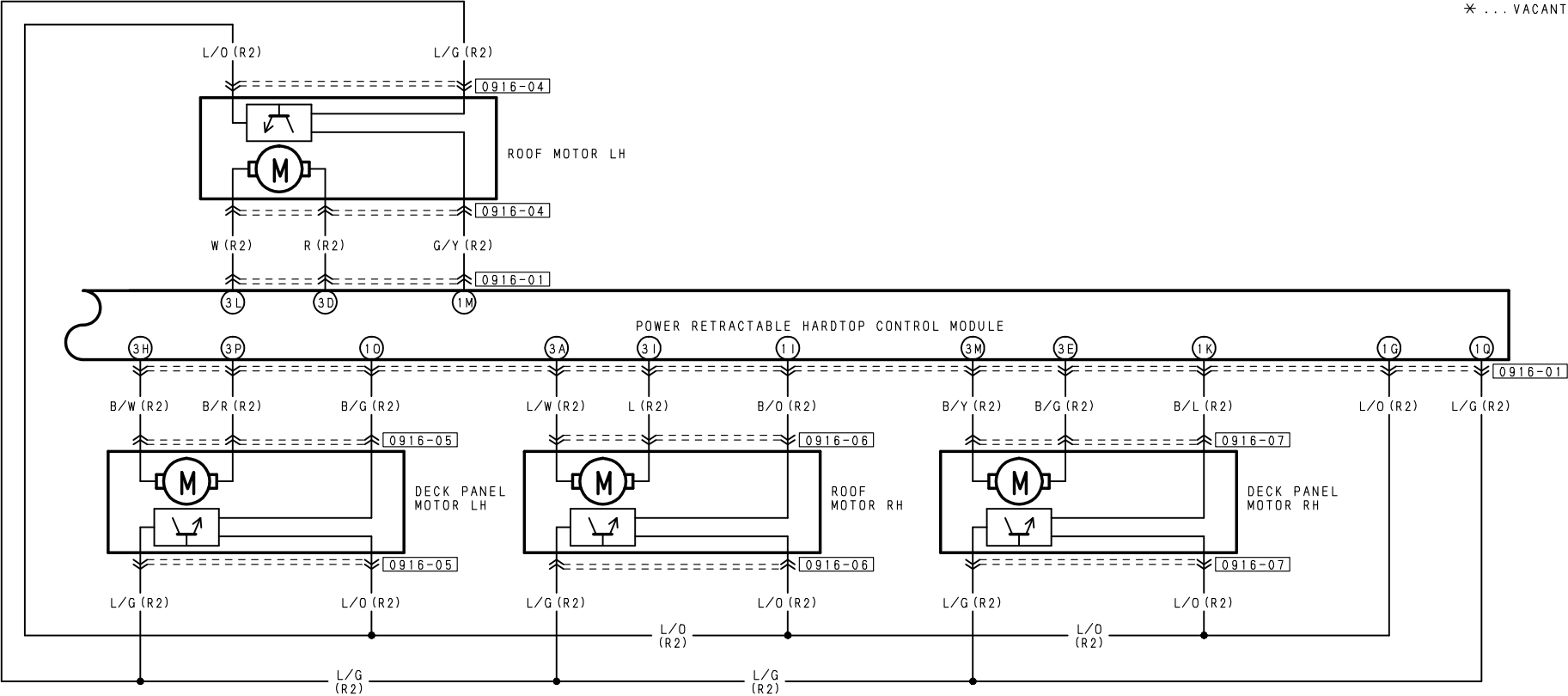
93



HARNESS SYMBOL:  (F)  (E)  (R)

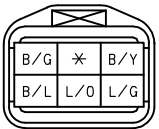
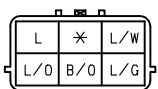
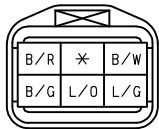
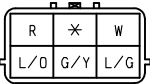
95



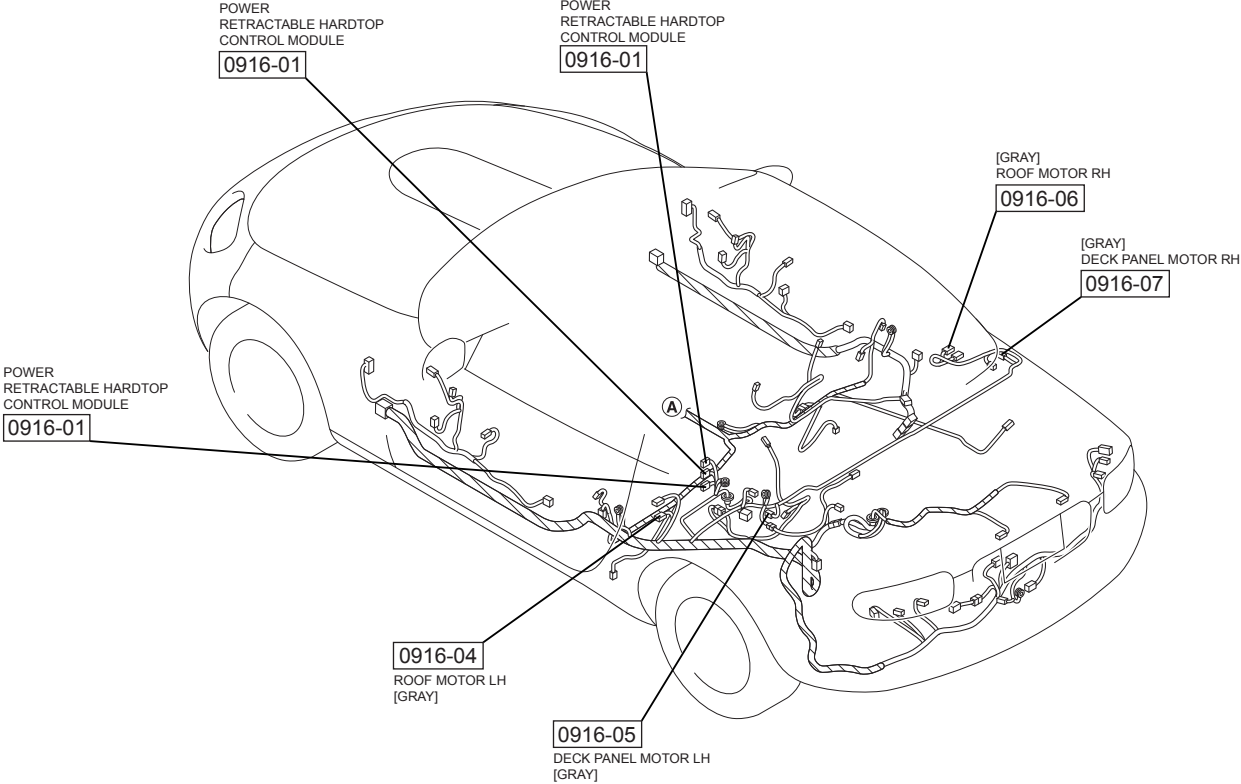





0916-01 POWER RETRACTABLE HARDTOP CONTROL MODULE (R2)											
1W	1U	1S	1Q	1O	1M	1K	1I	1G	1E	1C	1A
B	G/B	L/W	L/G	B/G	G/Y	B/L	B/O	L/O	BR/B	P	W/R
B/Y	L	B/R	B/W	*	*	*	L/R	Y	O	P/L	*
1X	1V	1T	1R	1P	1N	1L	1J	1H	1F	1D	1B

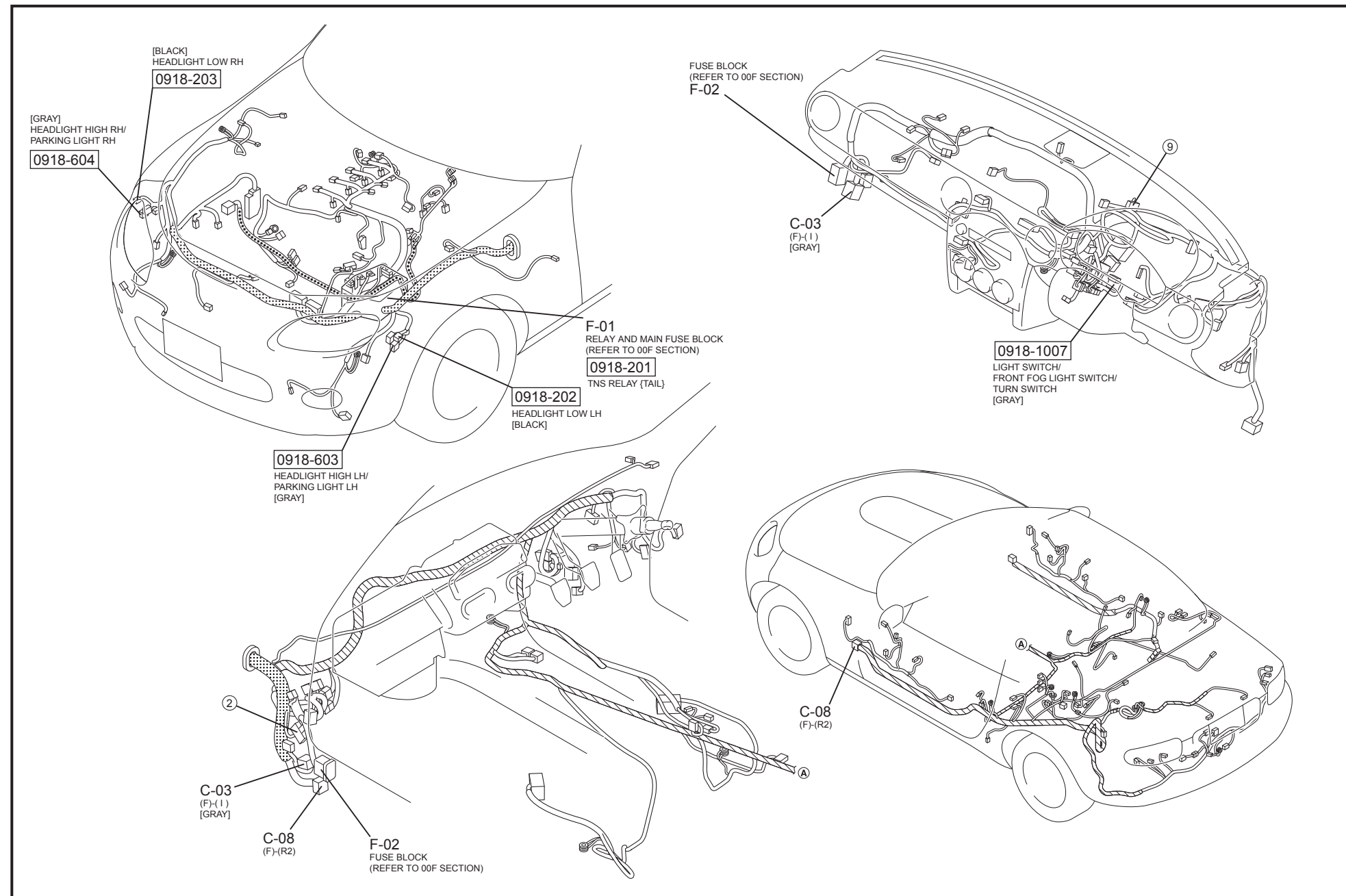
3O	3M	3K	3I	3G	3E	3C	3A
L/G	B/Y	*	L	*	B/G	*	L/W
B/R	*	W	*	B/W	L/O	R	*
3P	3N	3L	3J	3H	3F	3D	3B

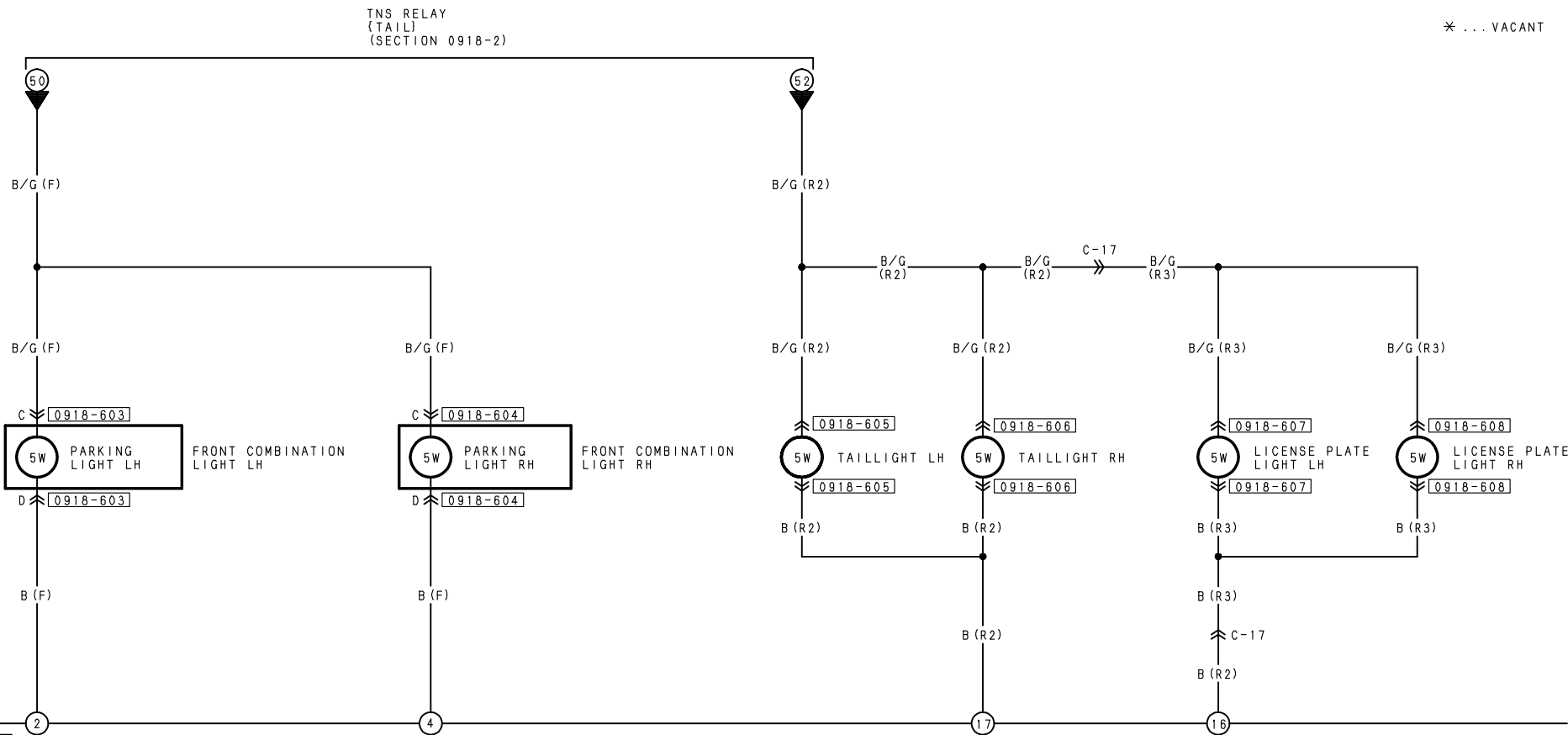


HARNESS SYMBOL:  (F)  (E)  (R)




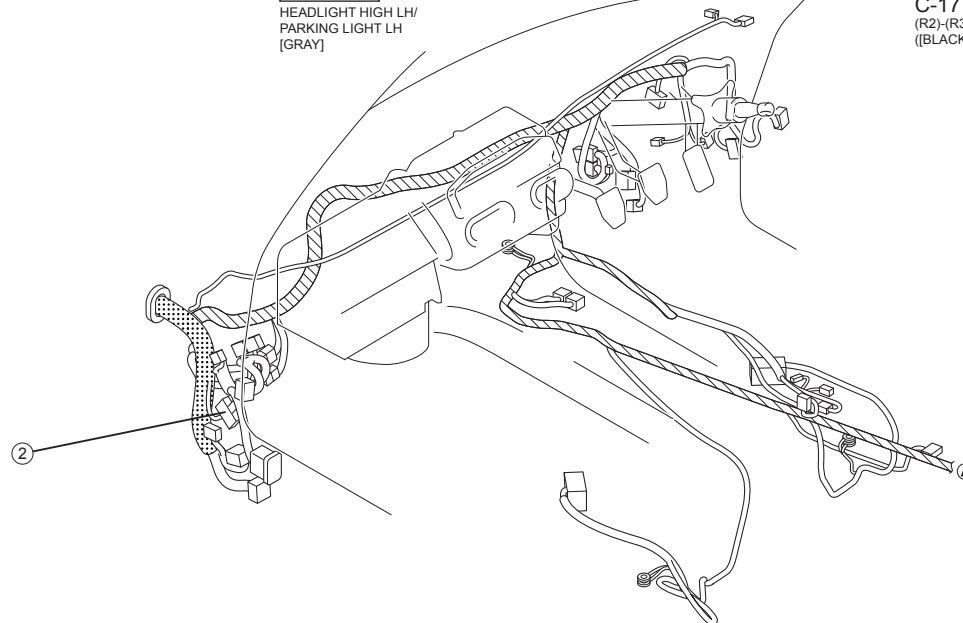
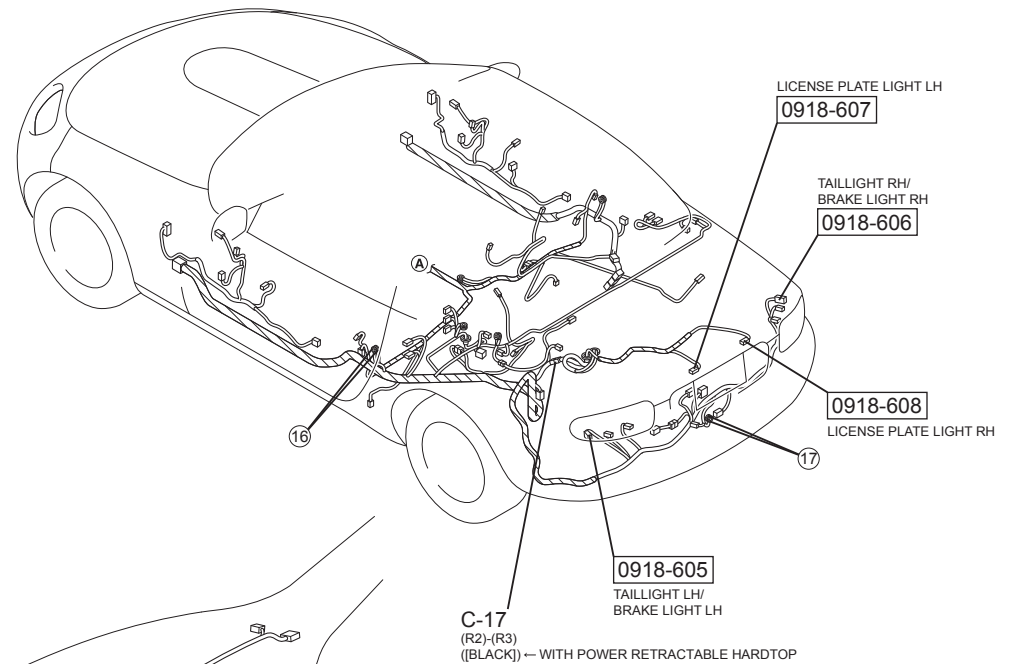
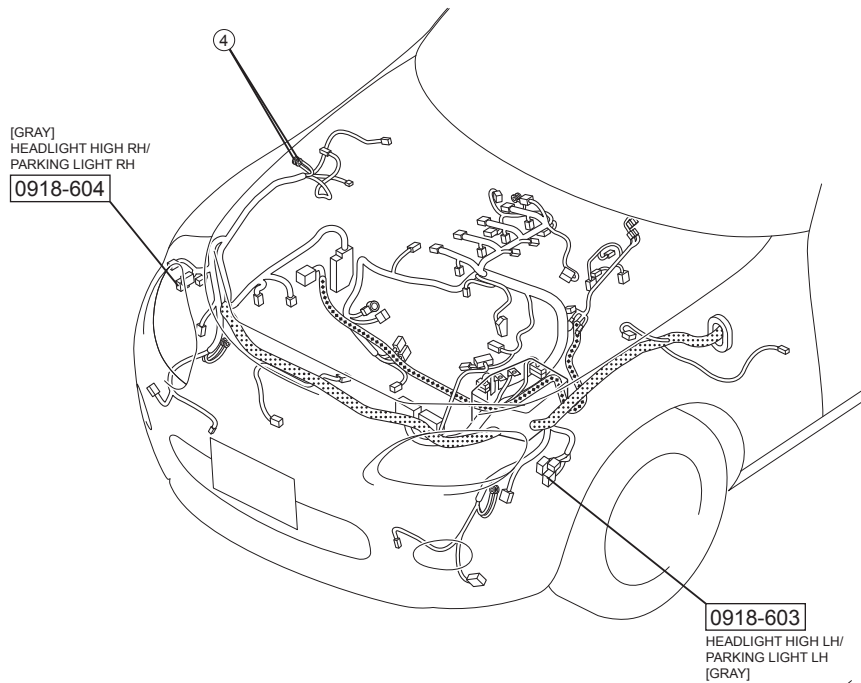
HARNESS SYMBOL:  (F)  (E)  (R)

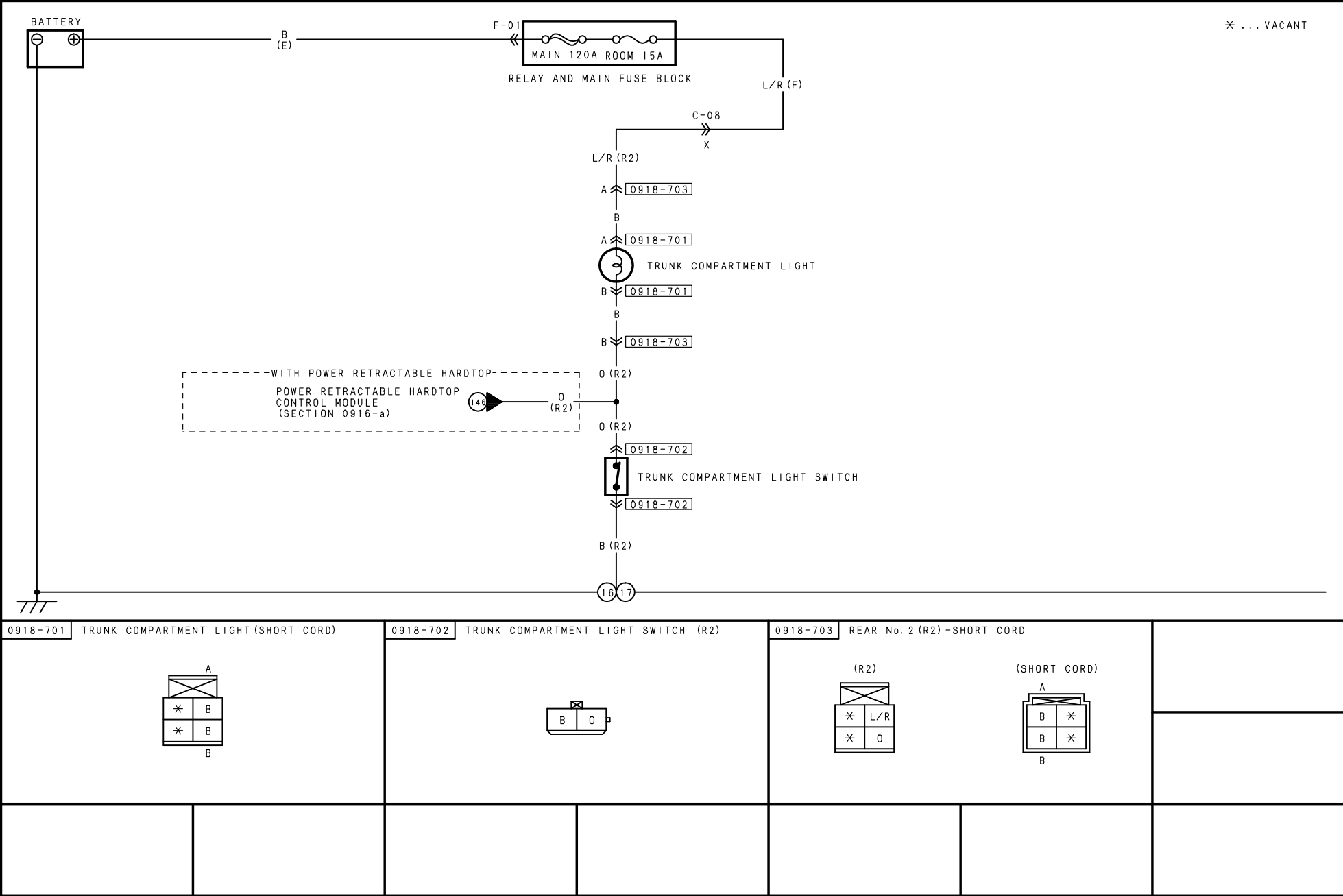




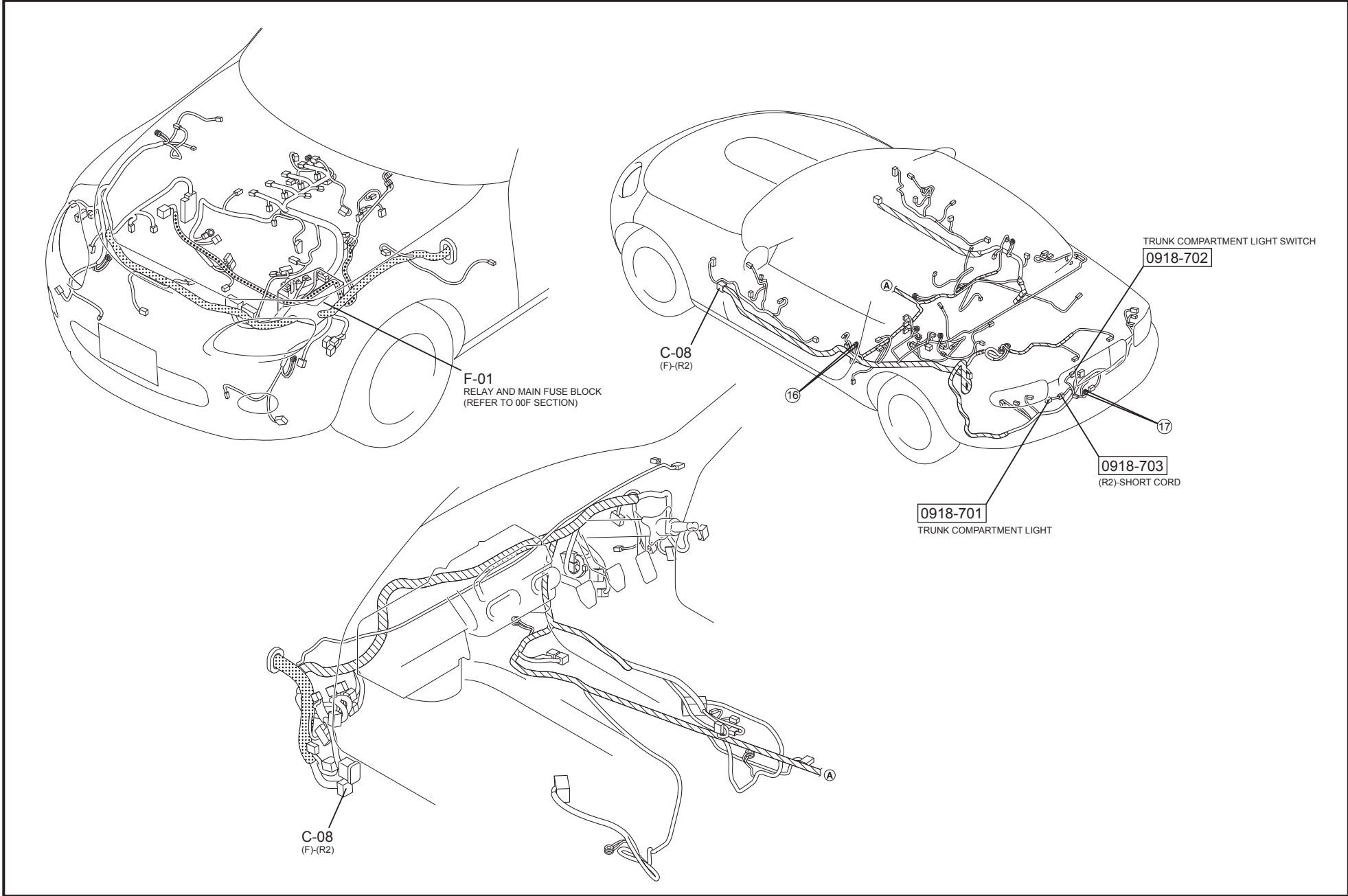
0918-603	HEADLIGHT HIGH LH/PARKING LIGHT LH (F)	0918-604	HEADLIGHT HIGH RH/PARKING LIGHT RH (F)	0918-605	TAILLIGHT LH/BRAKE LIGHT LH (R2)	0918-606	TAILLIGHT RH/BRAKE LIGHT RH (R2)
				0918-607	LICENSE PLATE LIGHT LH (R3)	0918-608	LICENSE PLATE LIGHT RH (R3)

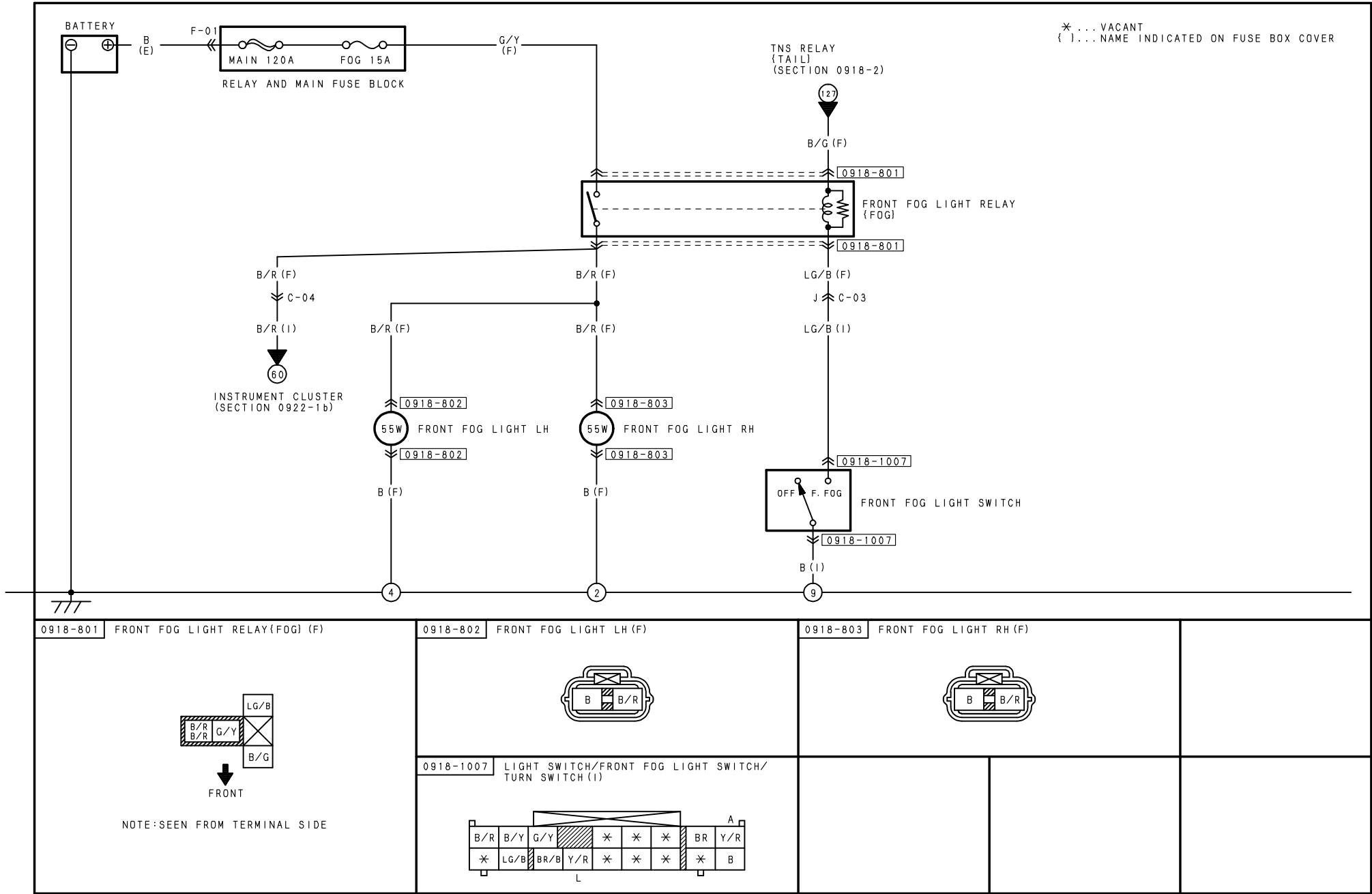
HARNESS SYMBOL:  (F)  (E)  (R)



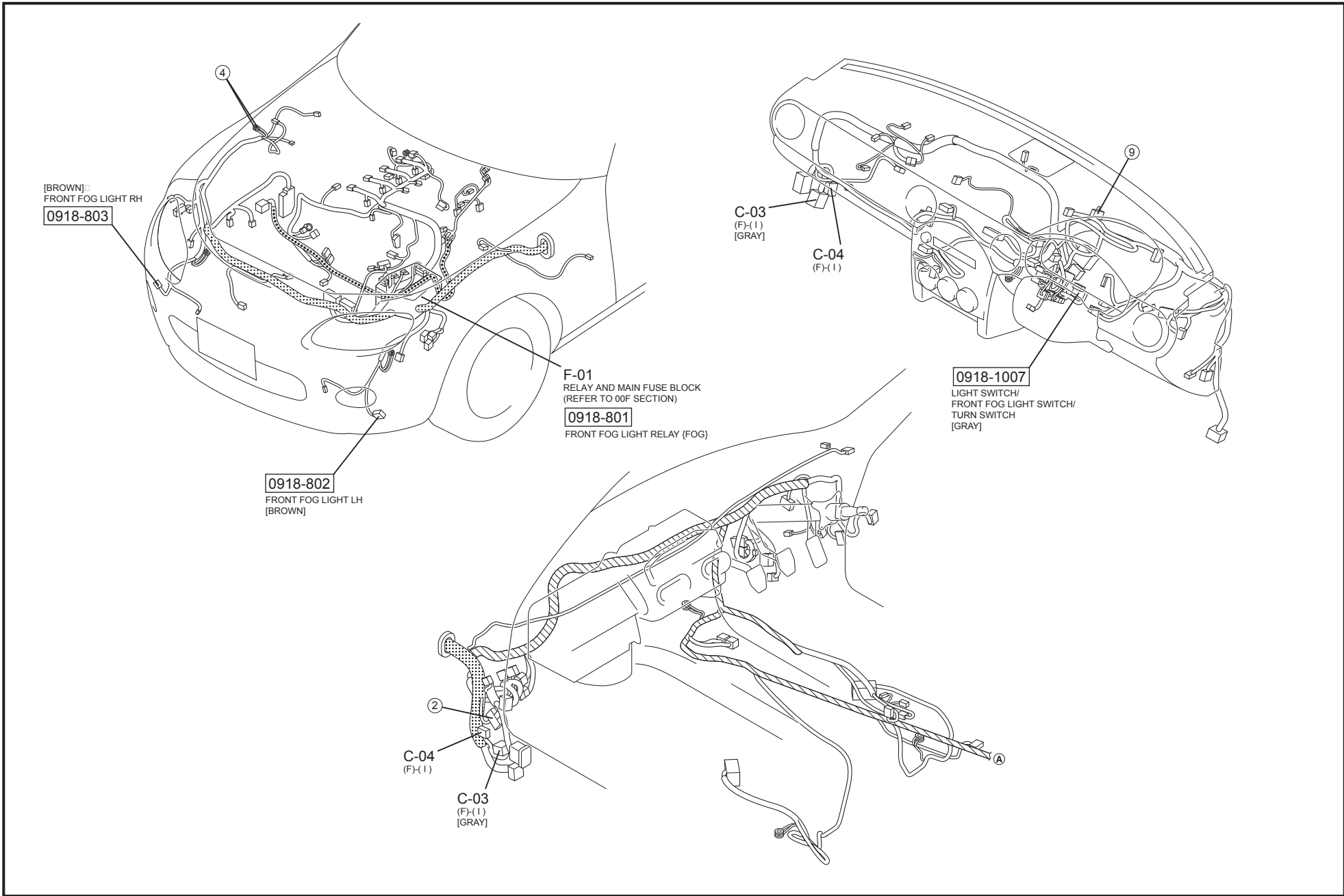


HARNESS SYMBOL:  (F)  (E)  (R)



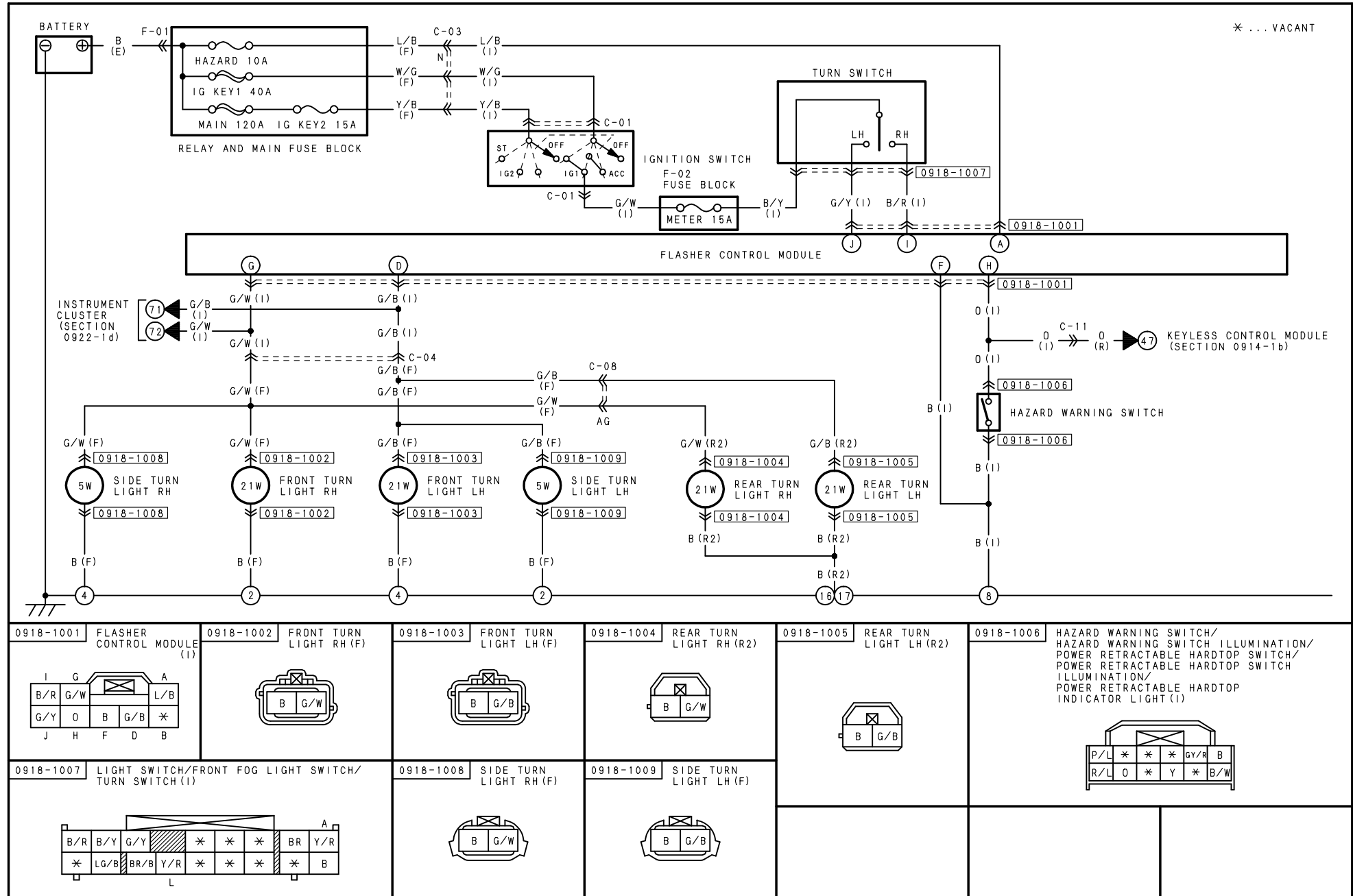





HARNESS SYMBOL:  (F)  (E)  (R)

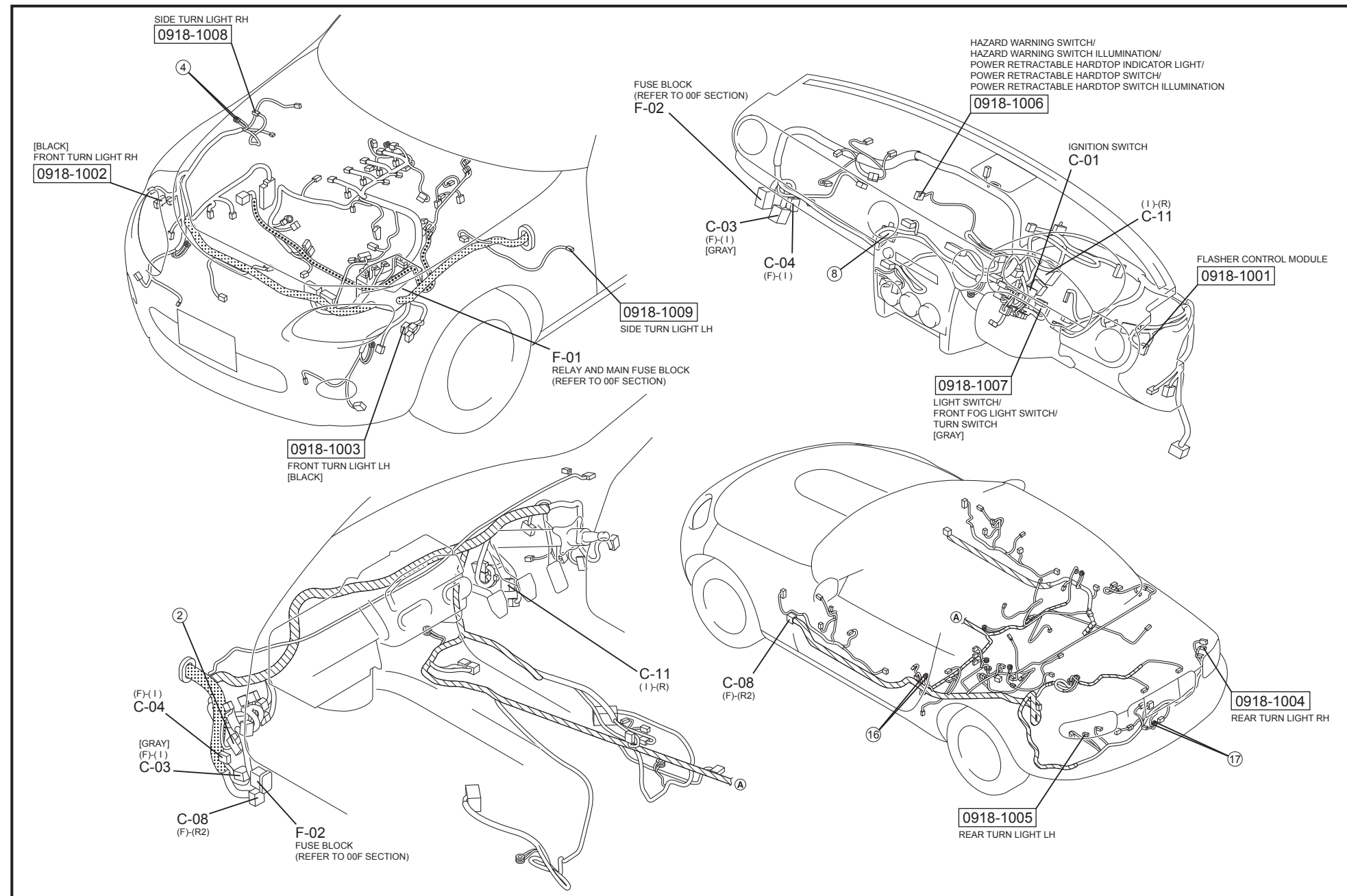





TURN AND HAZARD WARNING LIGHT

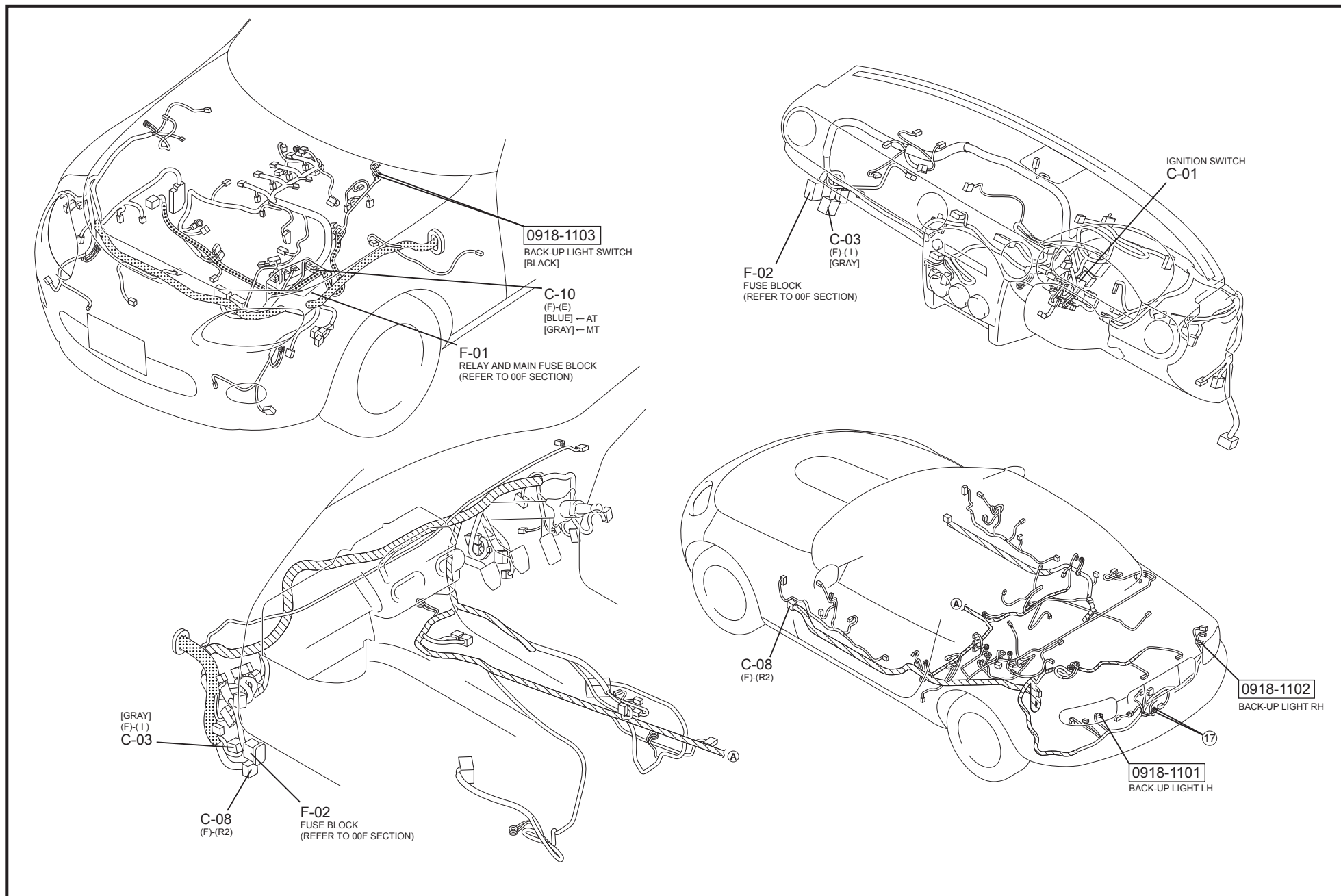
0918-10



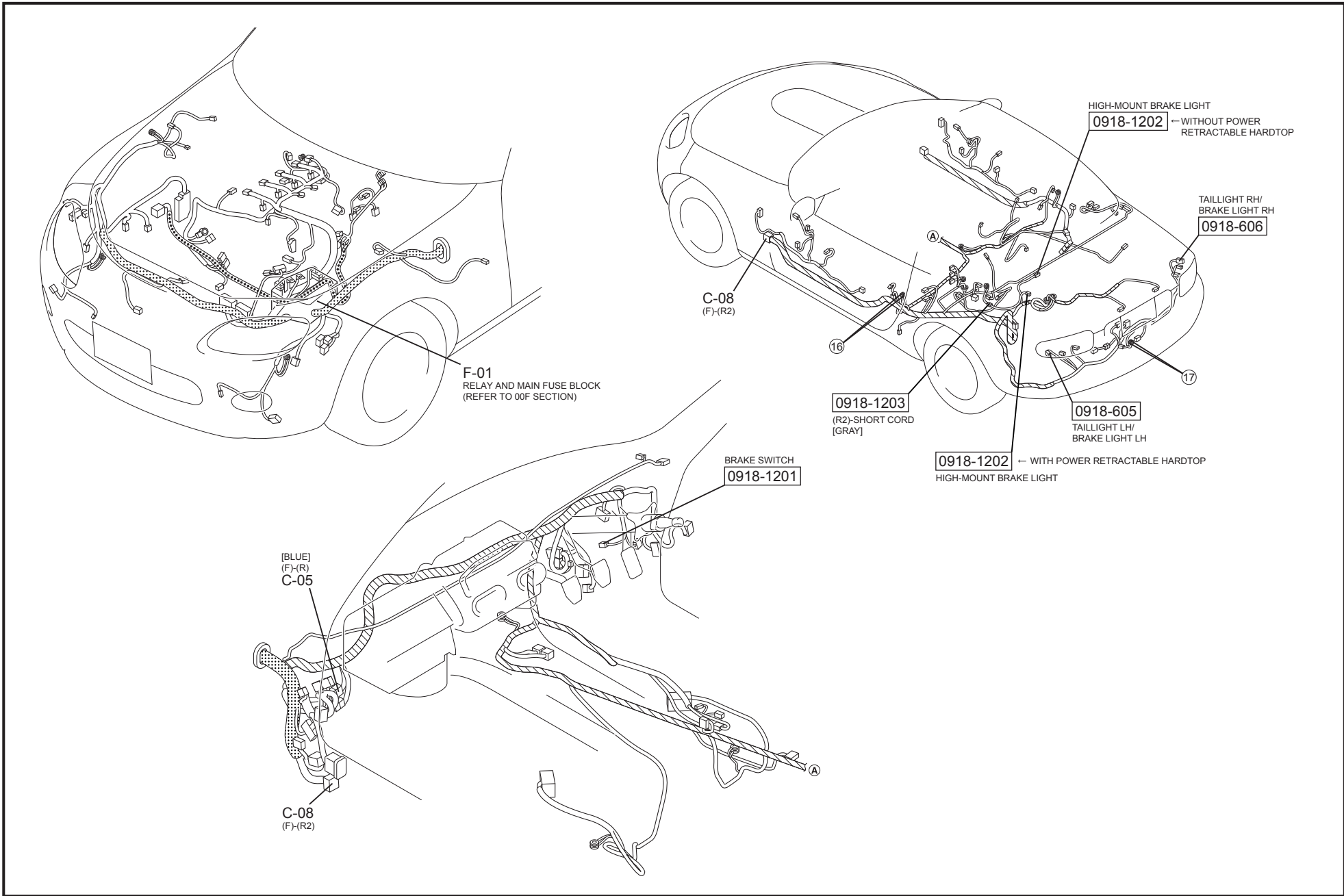
HARNESS SYMBOL:  (F)  (E)  (R)



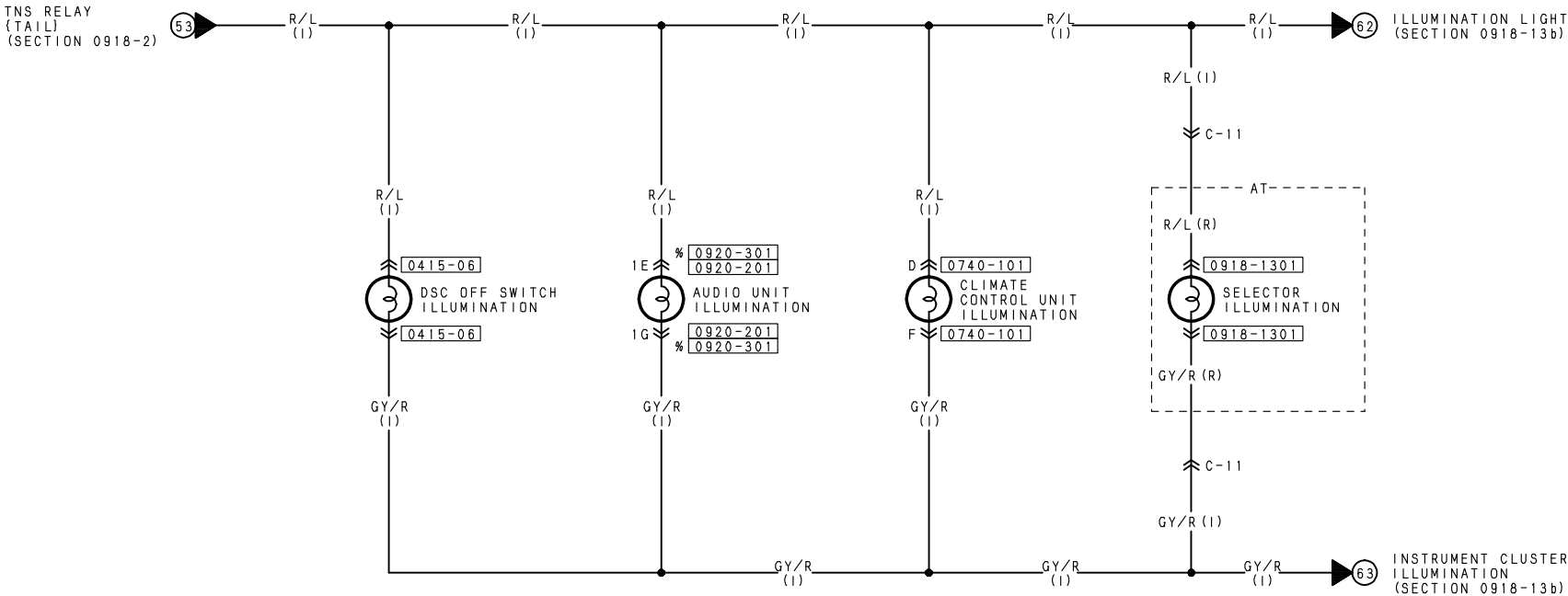
HARNESS SYMBOL:  (F)  (E)  (R)



HARNESS SYMBOL:  (F)  (E)  (R)



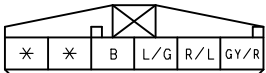
* ... VACANT
% ... WITH BOSE
() ... WITHOUT BOSE



0918-1301 SELECTOR ILLUMINATION (R)



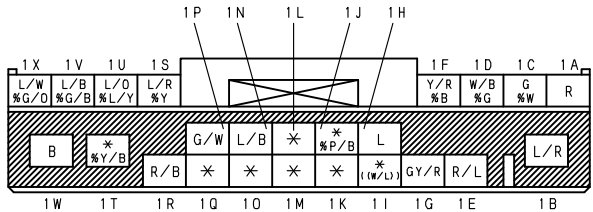
0415-06 DSC OFF SWITCH/DSC OFF SWITCH ILLUMINATION (I)



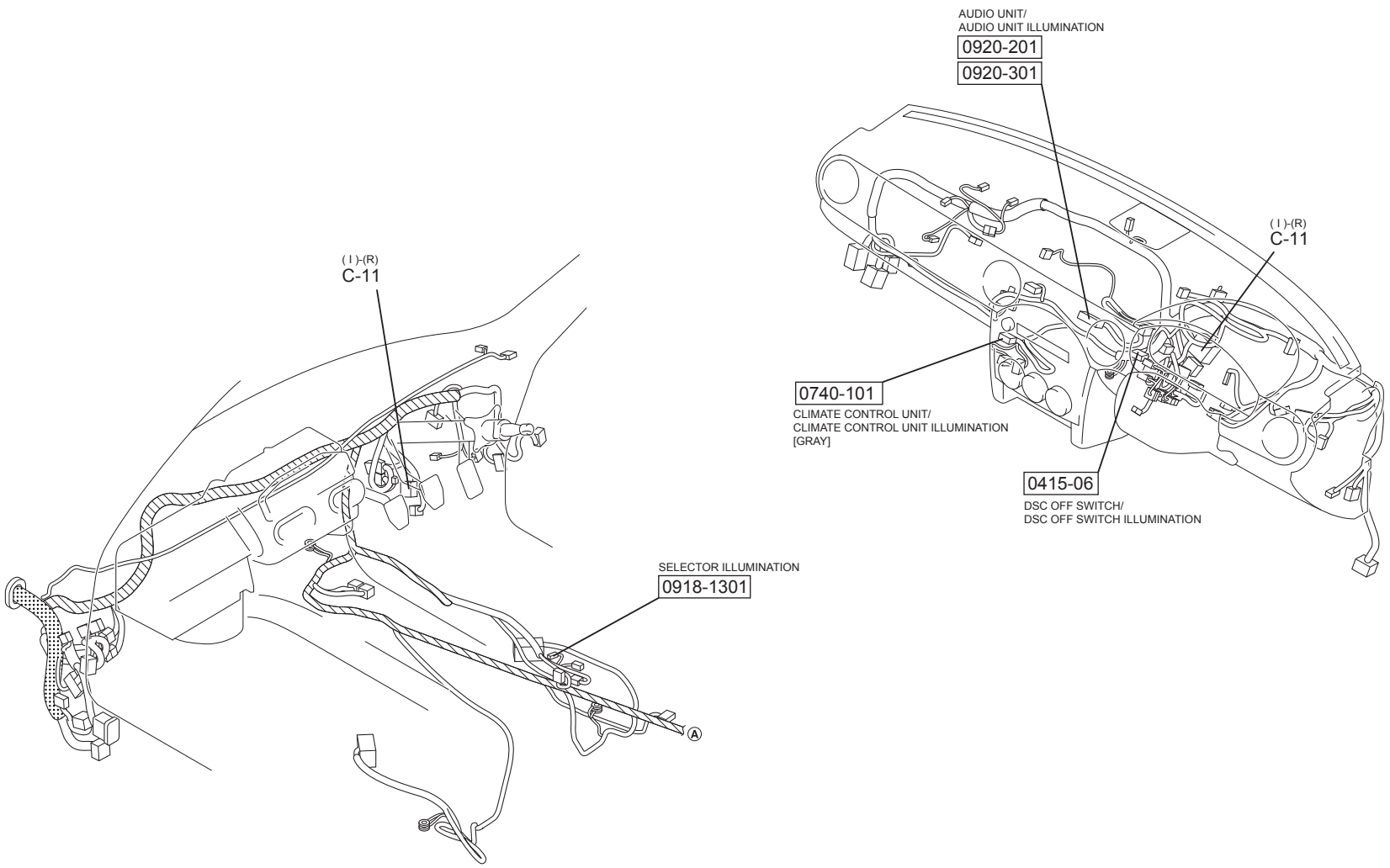
0740-101 CLIMATE CONTROL UNIT/CLIMATE CONTROL UNIT ILLUMINATION (I)

S	Q	O	M	K	I	G	E	C	A
B/W	*	*	R/W	L/B	L/Y	W/B	V/W	BR	L/O
*	*	*	Y	*	*	B	GY/R	R/L	L/R
T	R	P	N	L	J	H	F	D	B

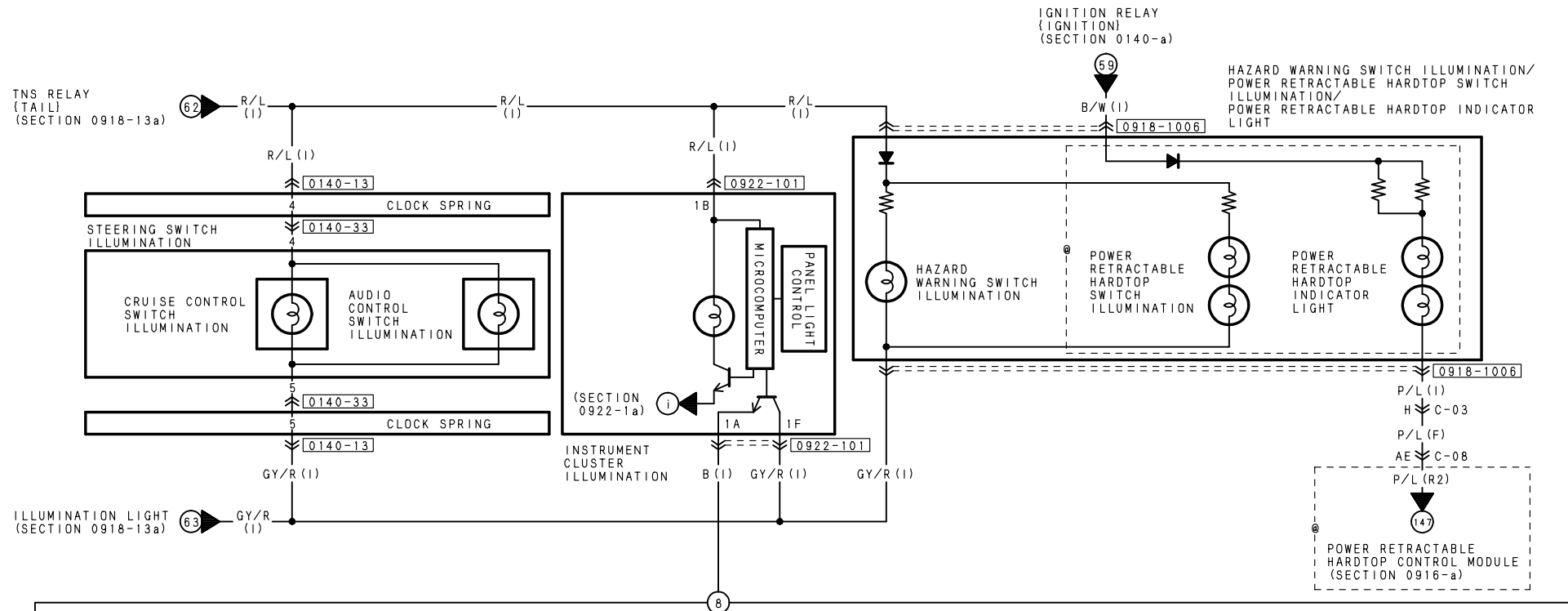
0920-201 AUDIO UNIT/AUDIO UNIT ILLUMINATION (I)
% 0920-301



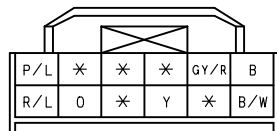
HARNESS SYMBOL:  (F)  (E)  (R)



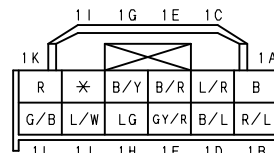
* ... VACANT
 @ ... WITH POWER RETRACTABLE HARDTOP



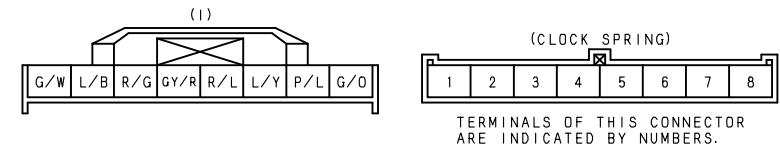
0918-1006 HAZARD WARNING SWITCH/HAZARD WARNING SWITCH ILLUMINATION/POWER RETRACTABLE HARDTOP SWITCH ILLUMINATION/POWER RETRACTABLE HARDTOP INDICATOR LIGHT (I)



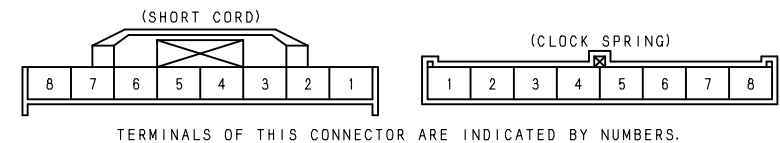
0922-101 INSTRUMENT CLUSTER/INSTRUMENT CLUSTER ILLUMINATION (I)



0140-13 INSTRUMENT PANEL (I) - CLOCK SPRING

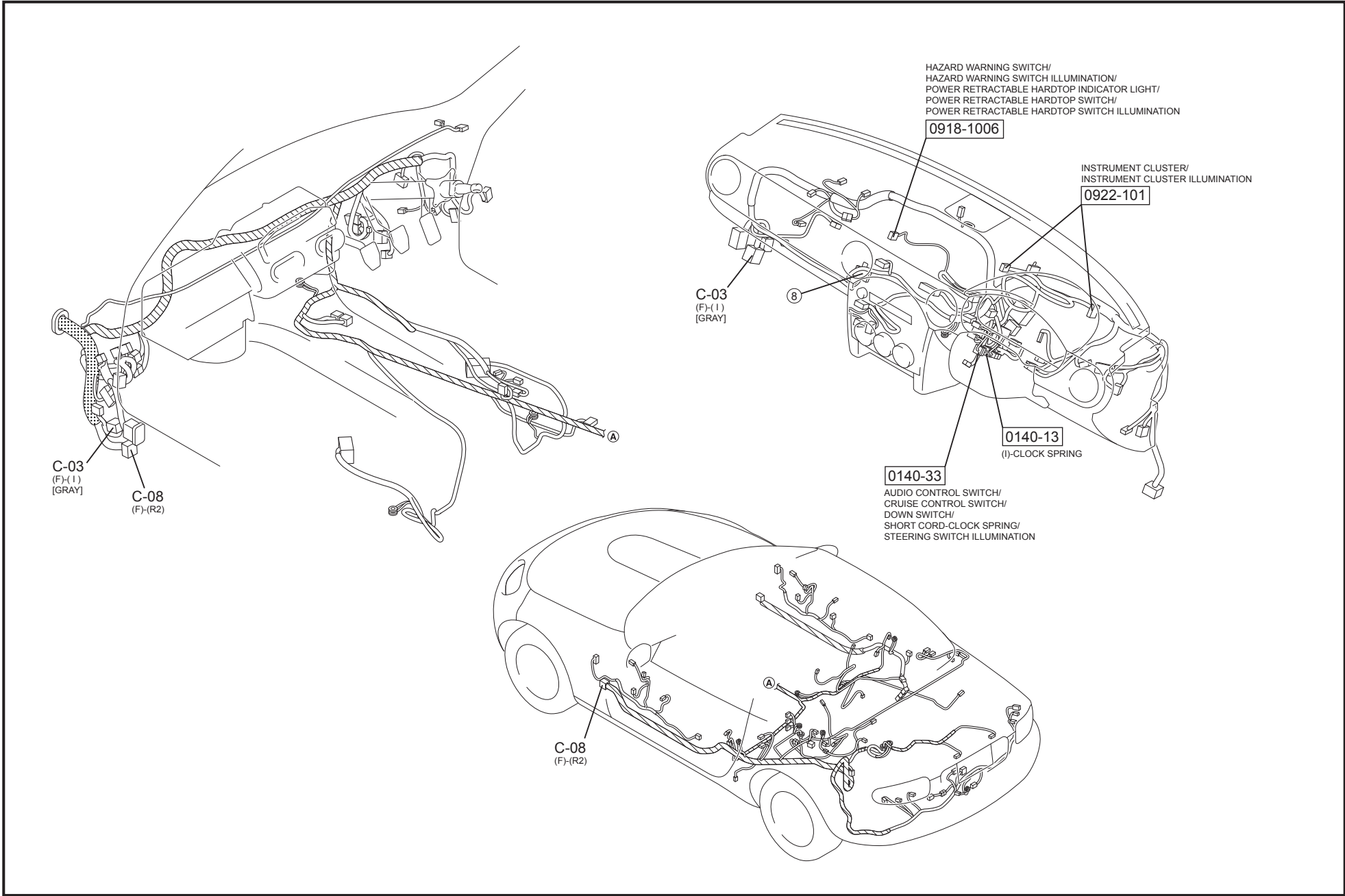


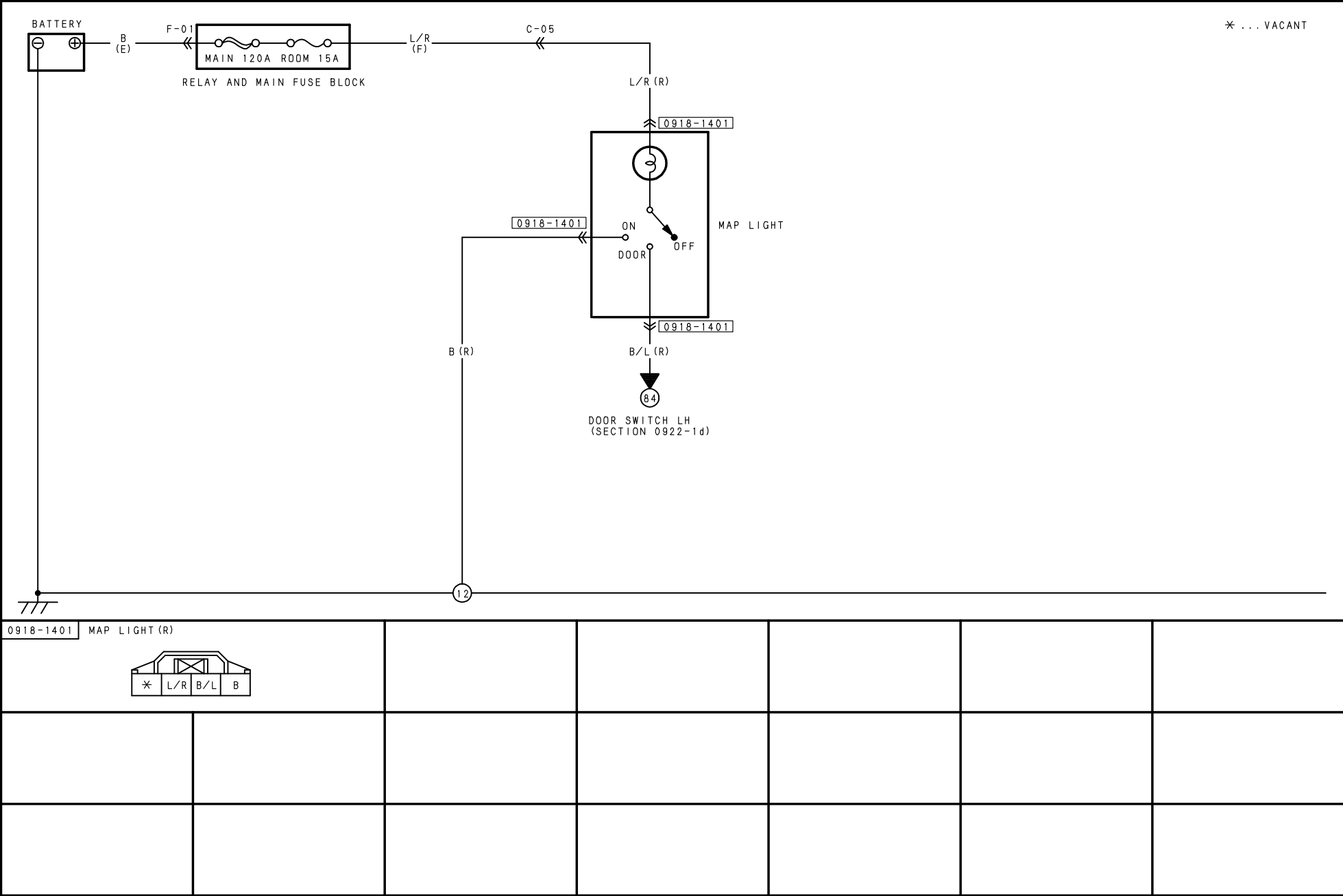
0140-33 AUDIO CONTROL SWITCH/CRUISE CONTROL SWITCH/DOWN SWITCH/SHORT CORD-CLOCK SPRING/STEERING SWITCH ILLUMINATION (CLOCK SPRING)



HARNESS SYMBOL:  (F)  (E)  (R)

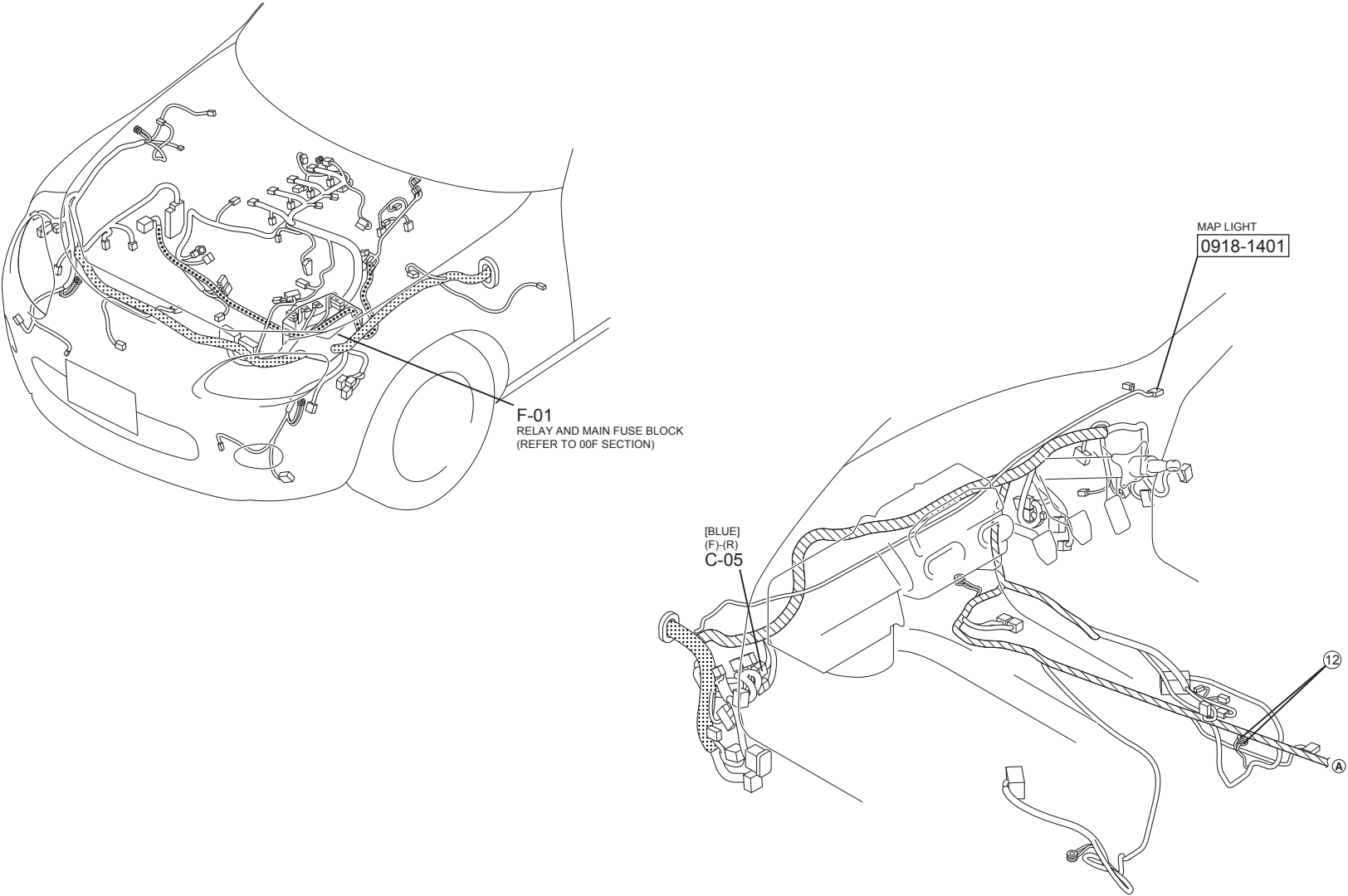
115





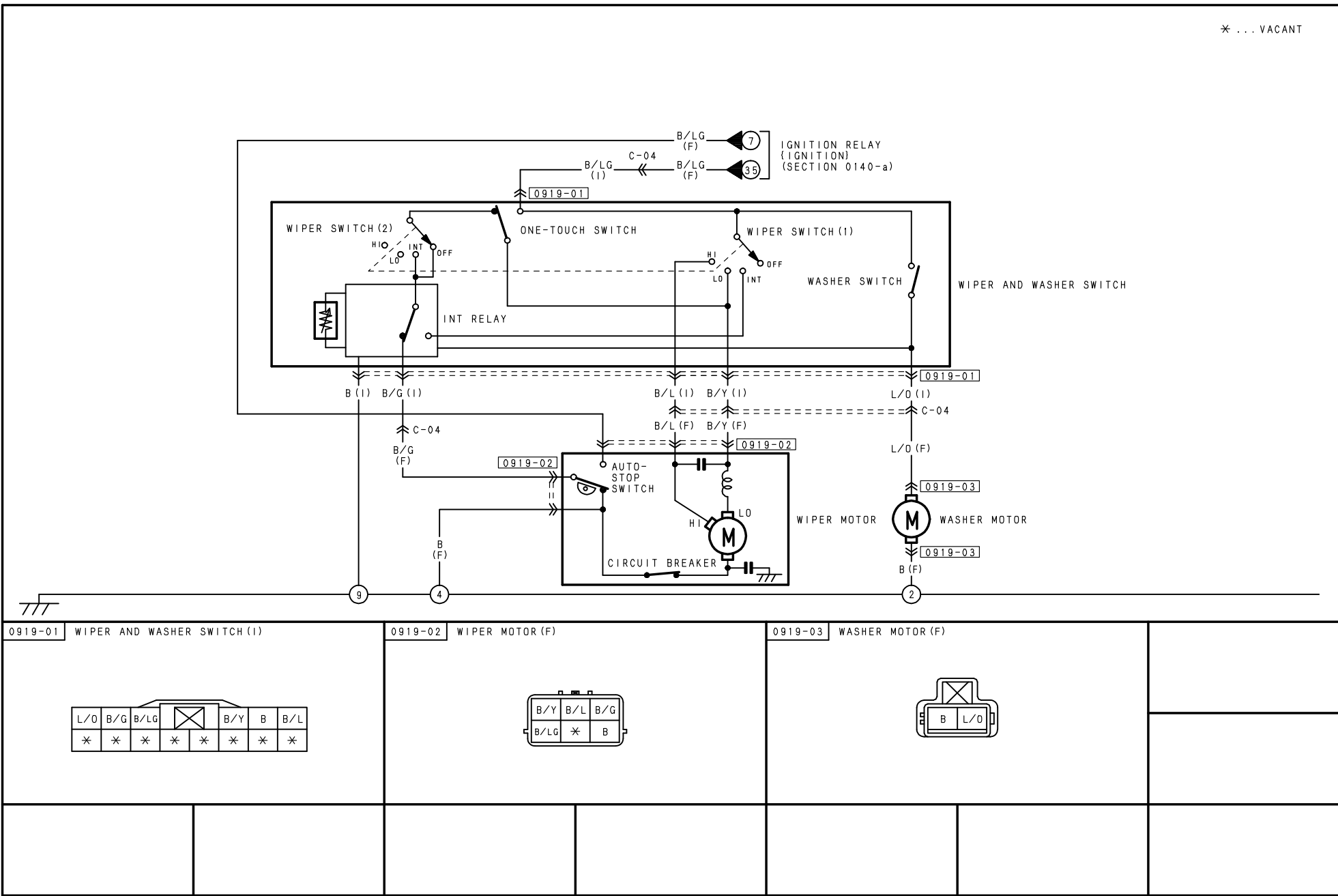
* ... VACANT

HARNESS SYMBOL:  (F)  (E)  (R)

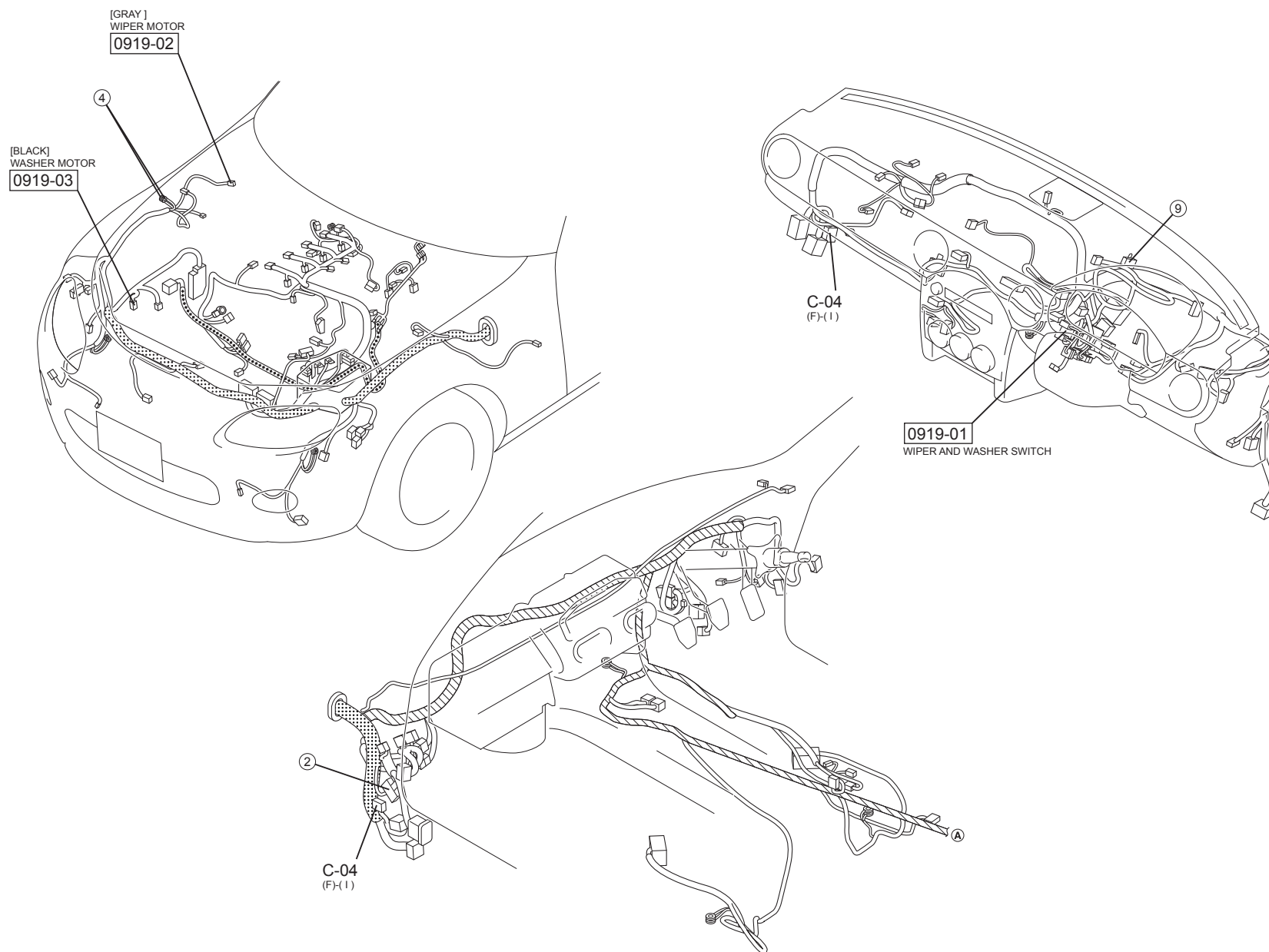


* ... VACANT

118

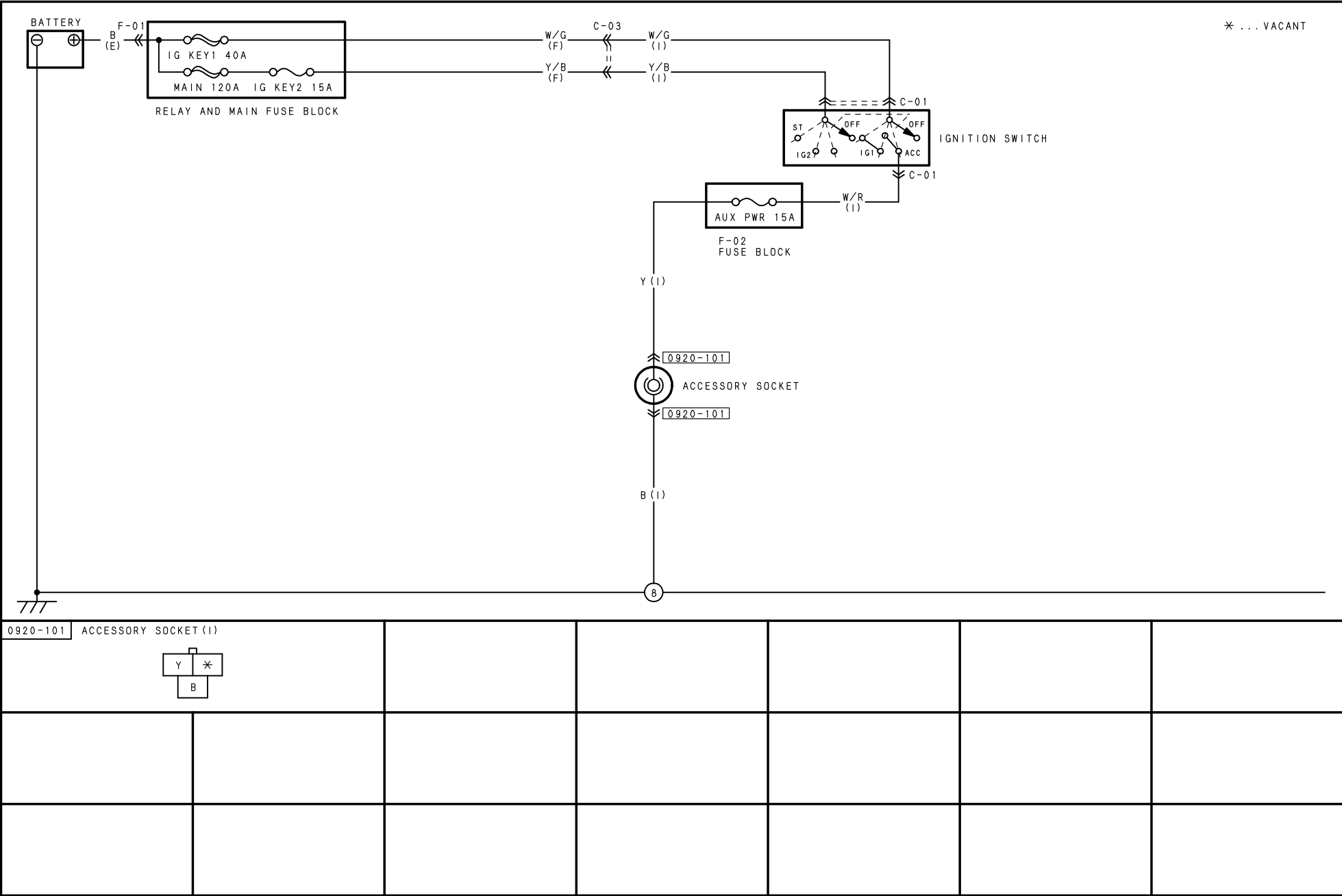


HARNESS SYMBOL:  (F)  (E)  (R)

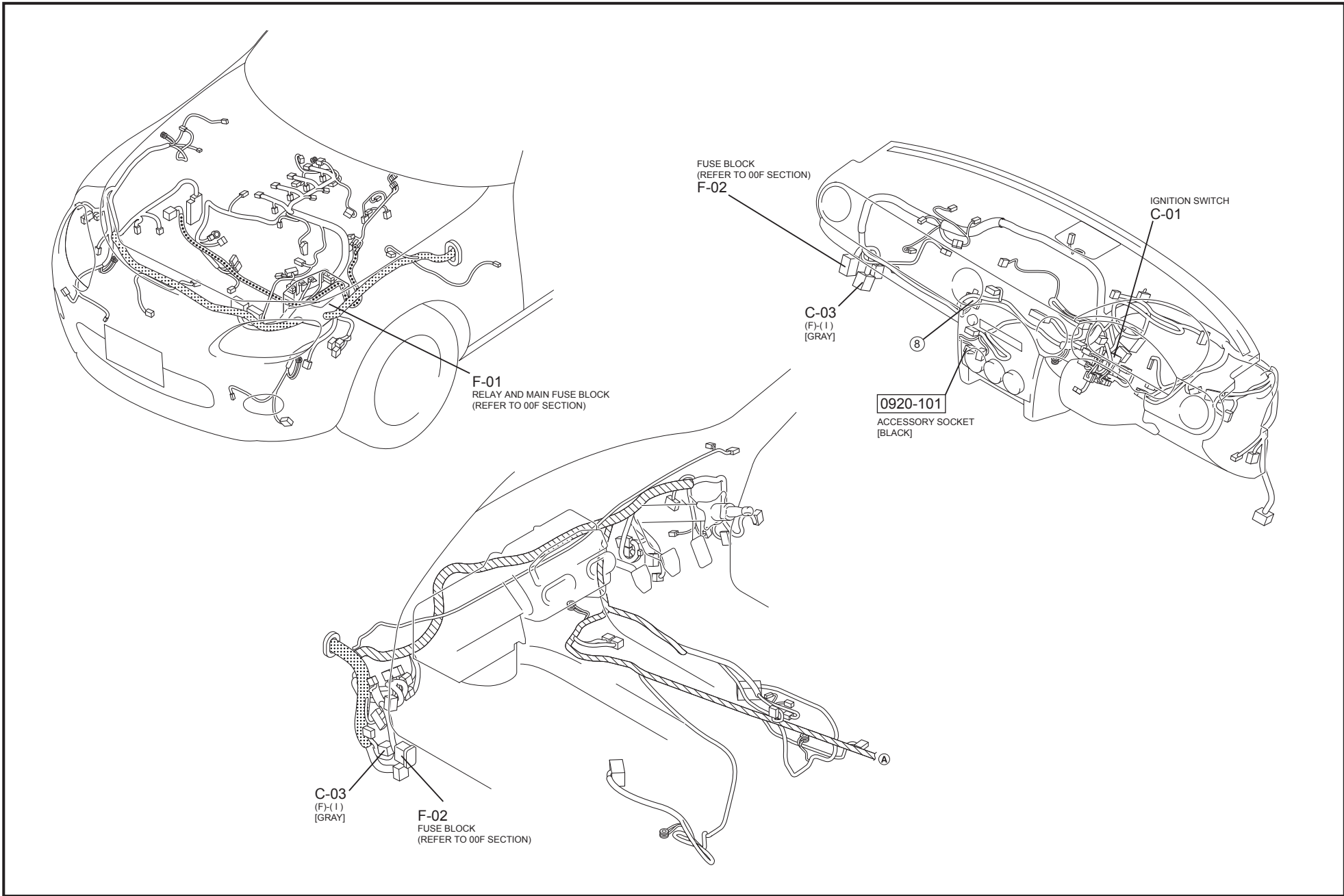


ACCESSORY SOCKET

0920-1

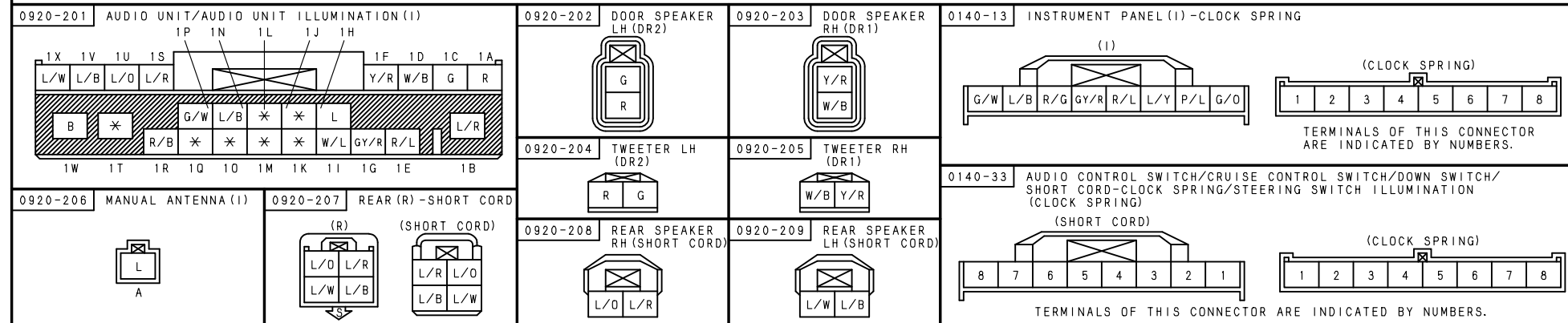





HARNESS SYMBOL:  (F)  (E)  (R)

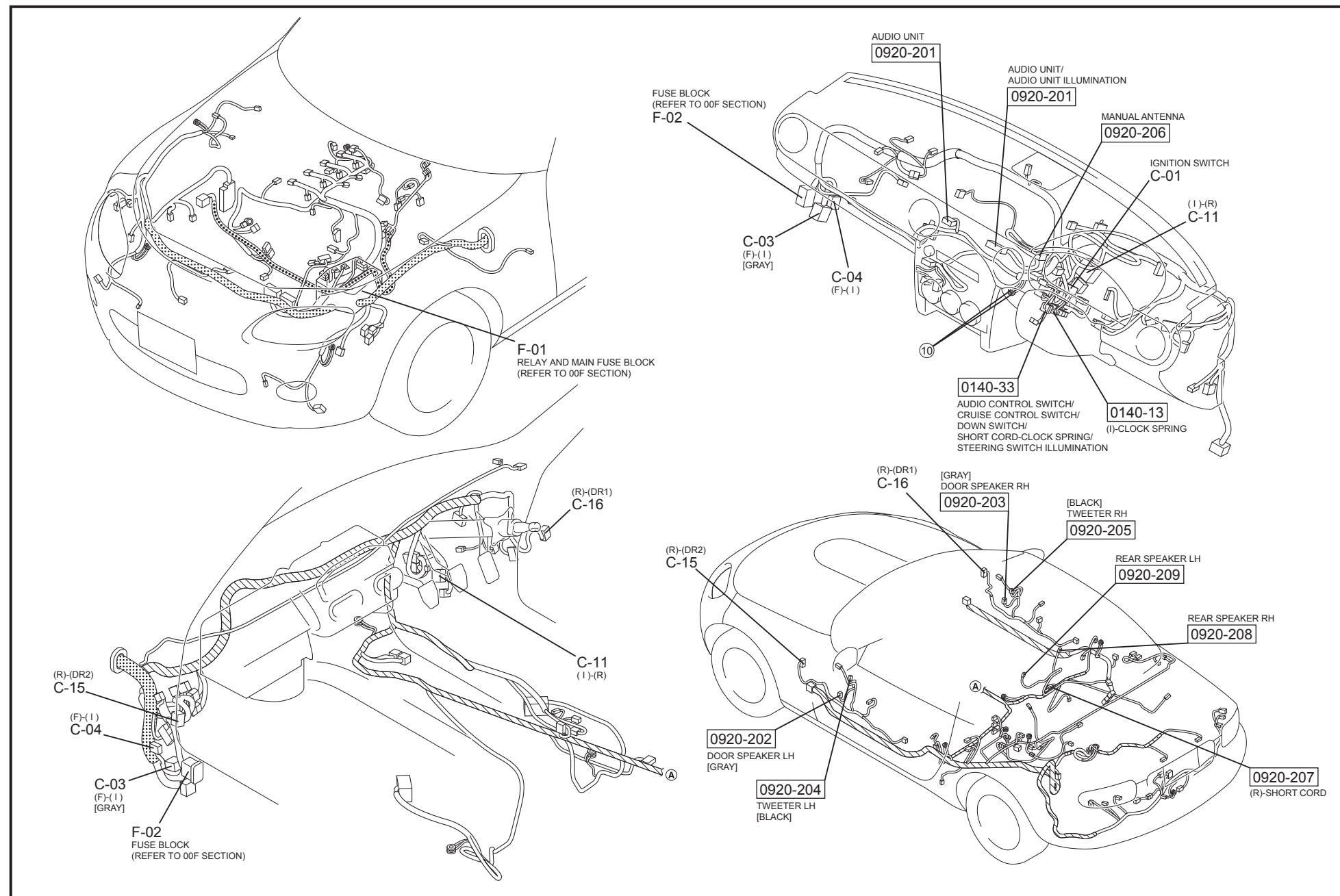


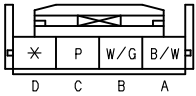
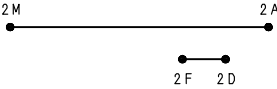
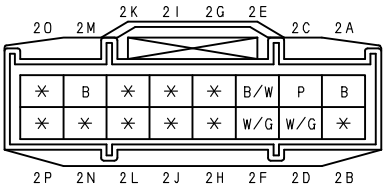
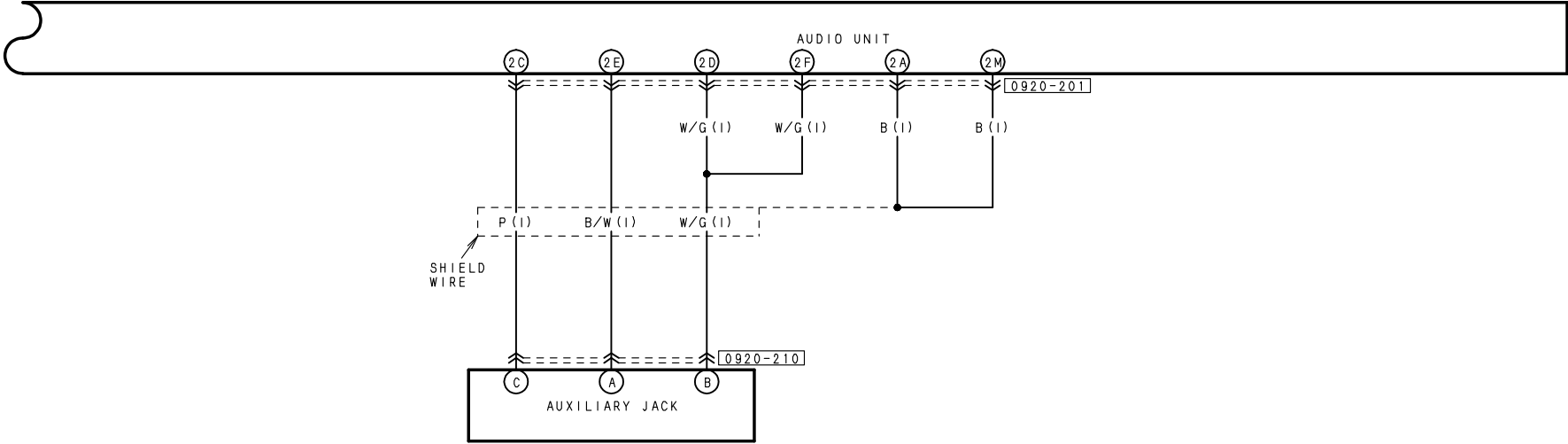
122


* ... VACANT

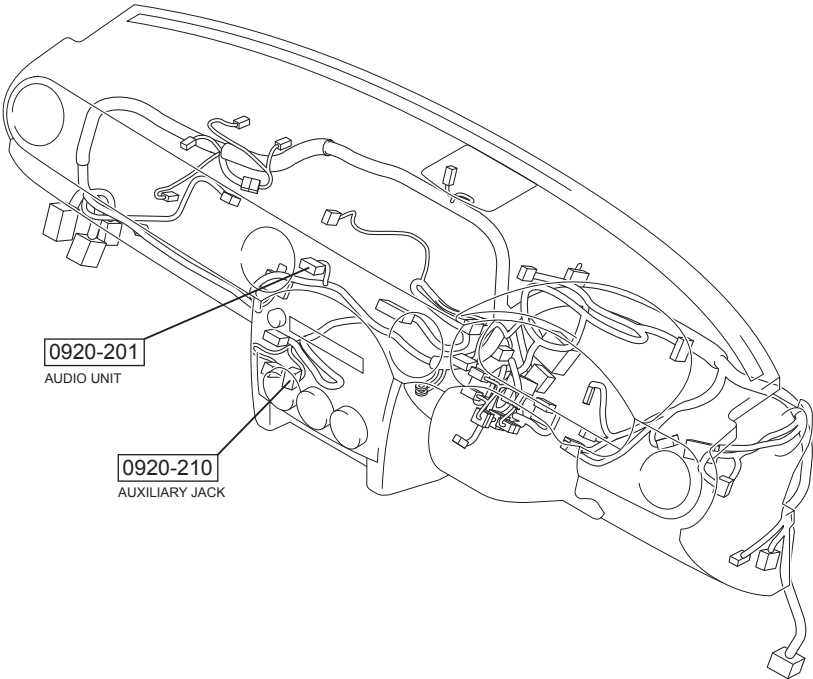


HARNESS SYMBOL:  (F)  (E)  (R)



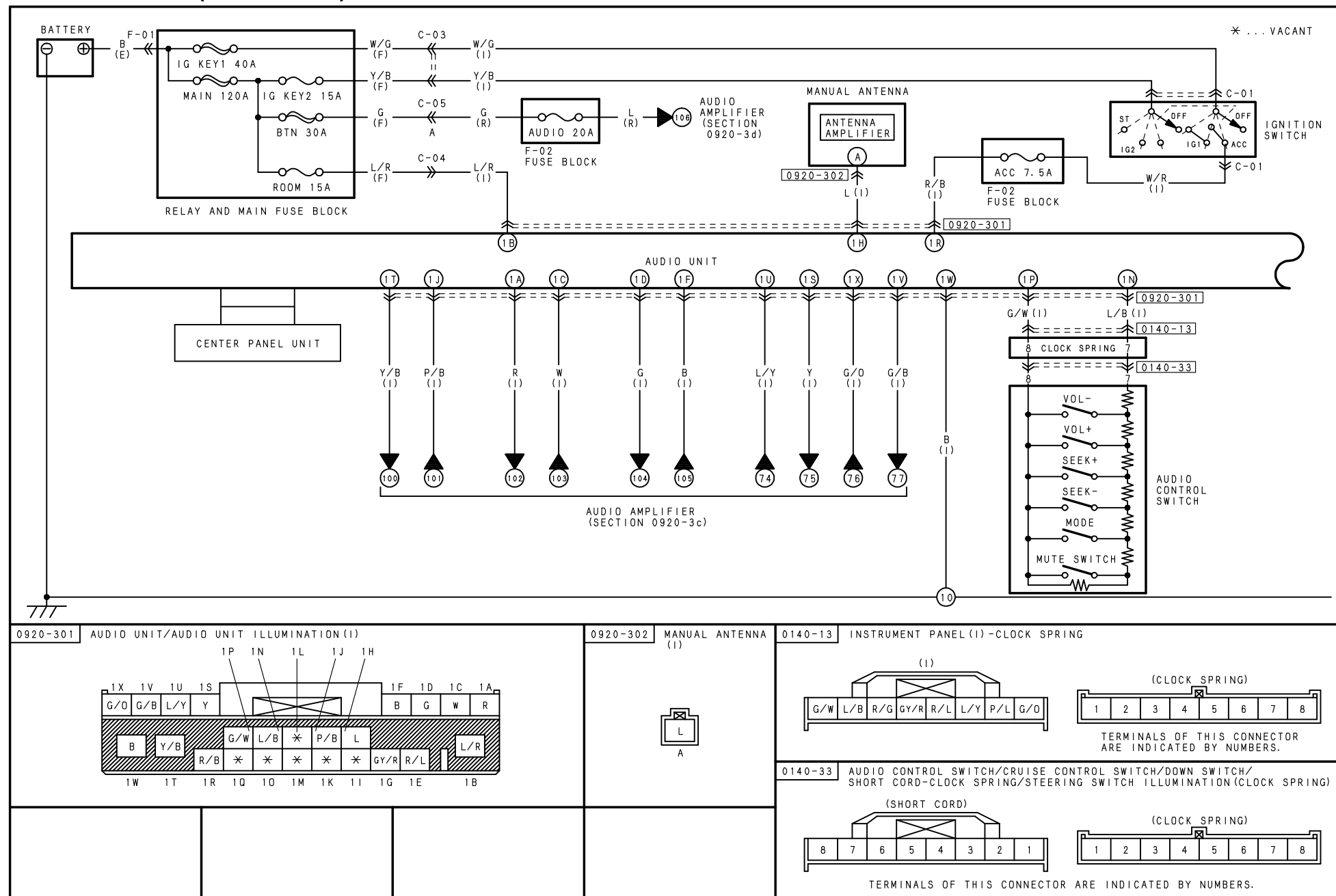





HARNESS SYMBOL:  (F)  (E)  (R)

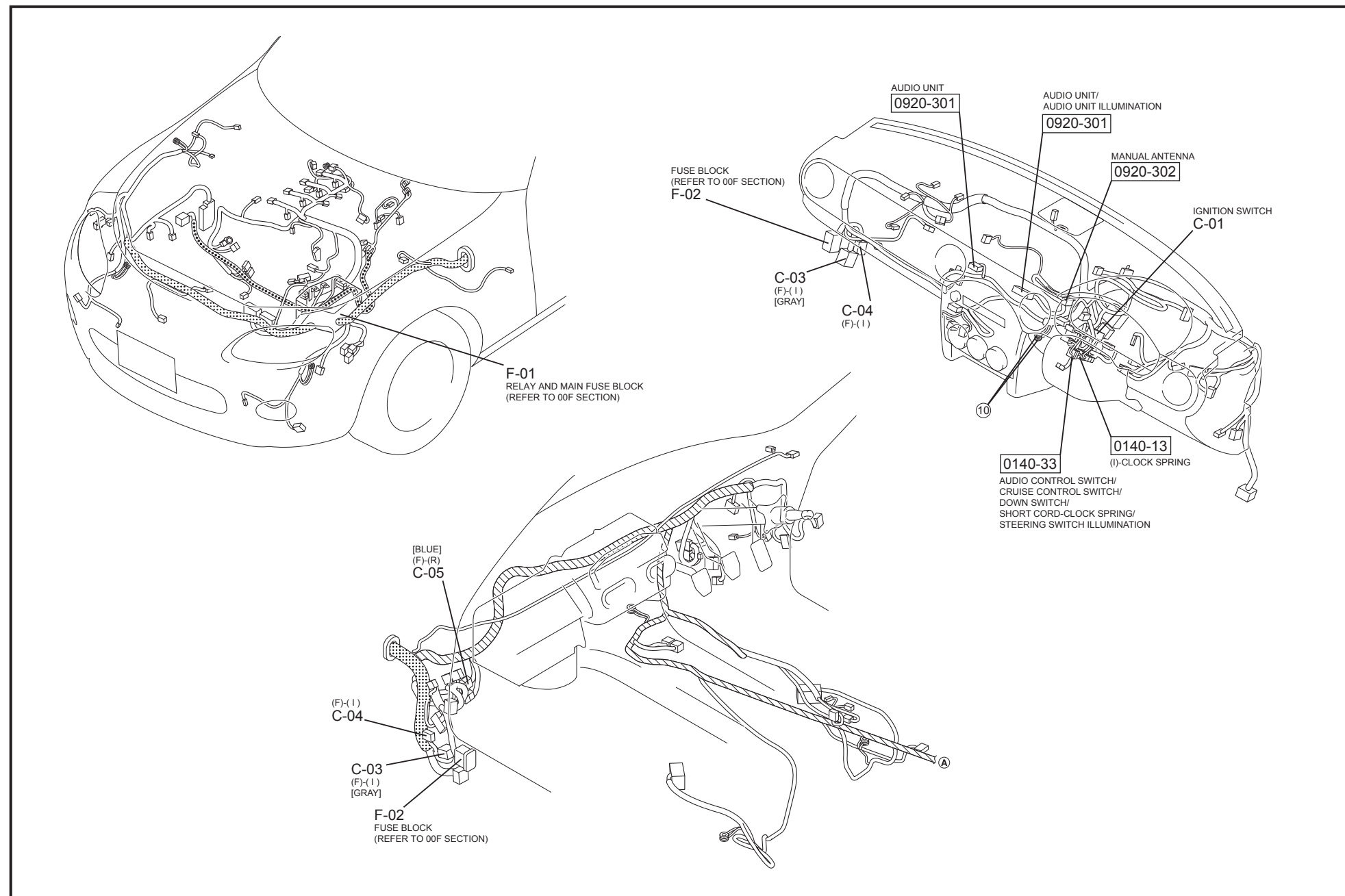


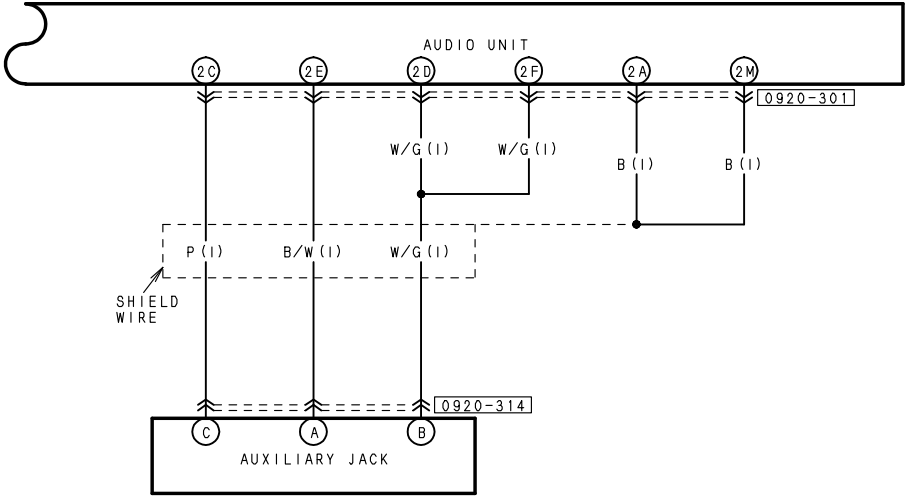
AUDIO SYSTEM (WITH BOSE)

0920-3a



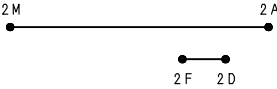
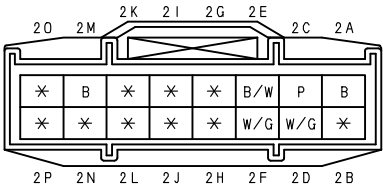
HARNESS SYMBOL:  (F)  (E)  (R)





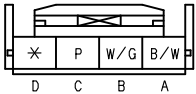
0920-301

AUDIO UNIT (1)

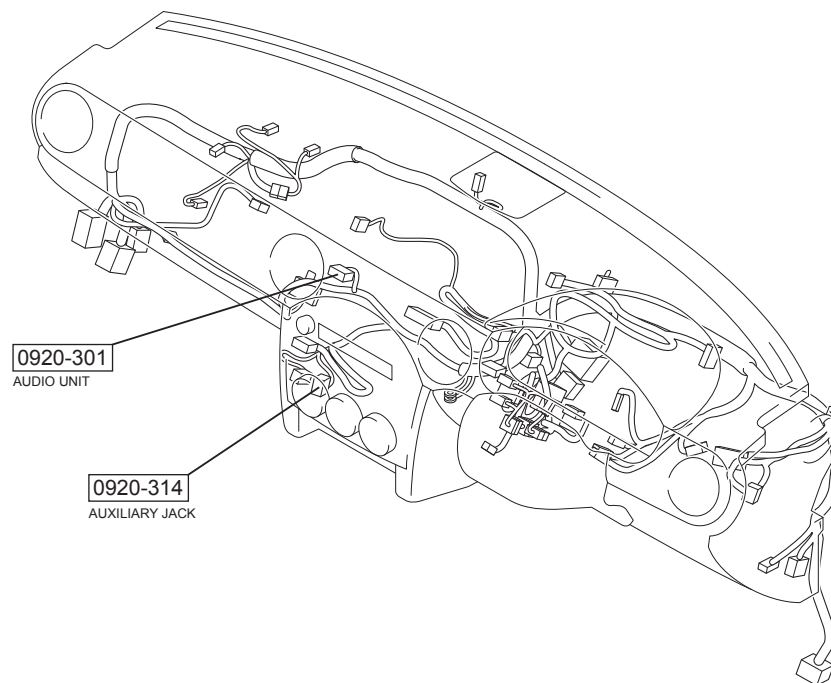


0920-314

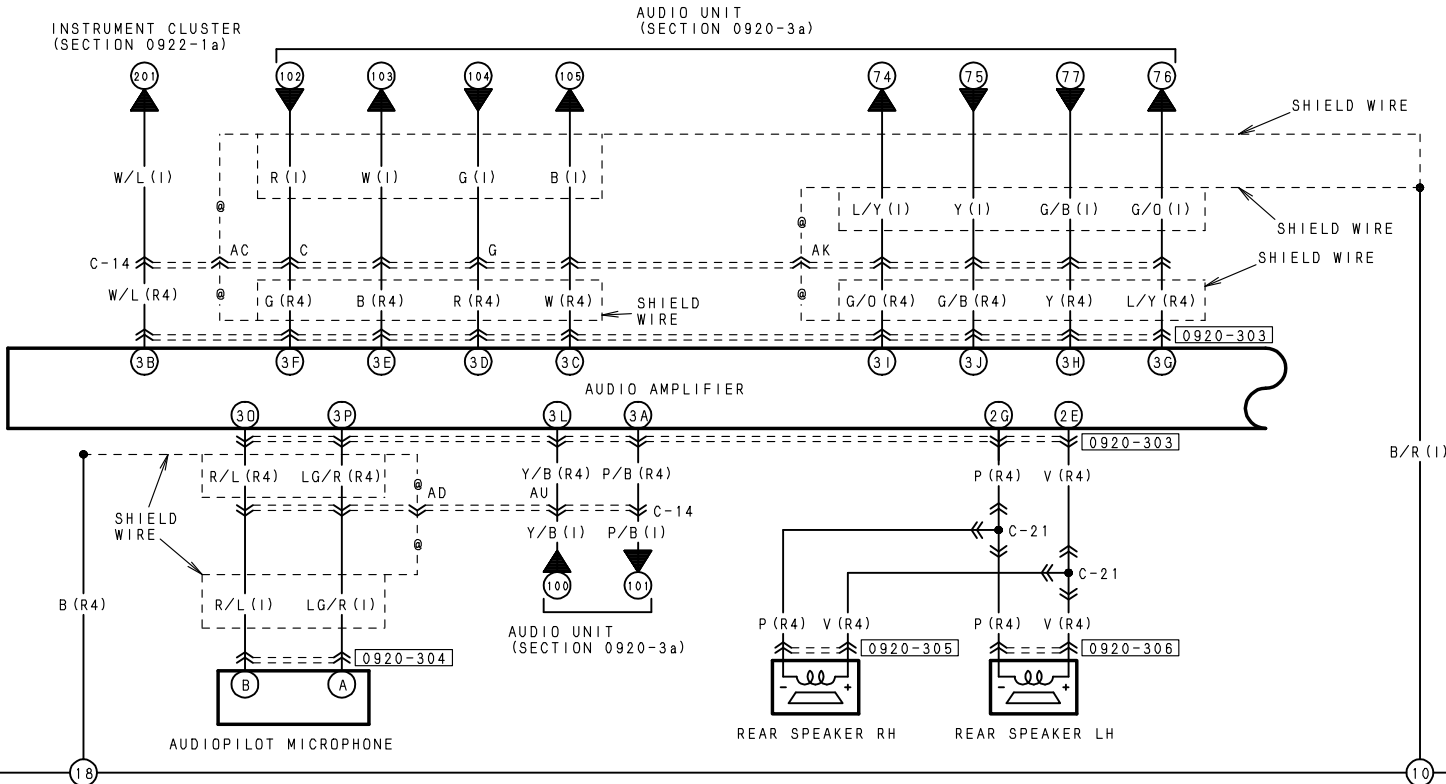
AUXILIARY JACK (1)



HARNESS SYMBOL:  (F)  (E)  (R)

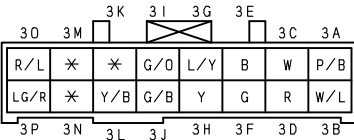
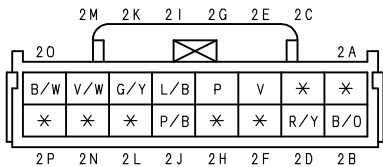


* ... VACANT
@ ... BARE WIRE



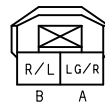
0920-303

AUDIO AMPLIFIER (R4)



0920-304

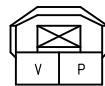
AUDIPILOT MICROPHONE (I)



"AudioPilot" is a registered trademark of Bose Corporation.

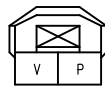
0920-305

REAR SPEAKER RH (R4)

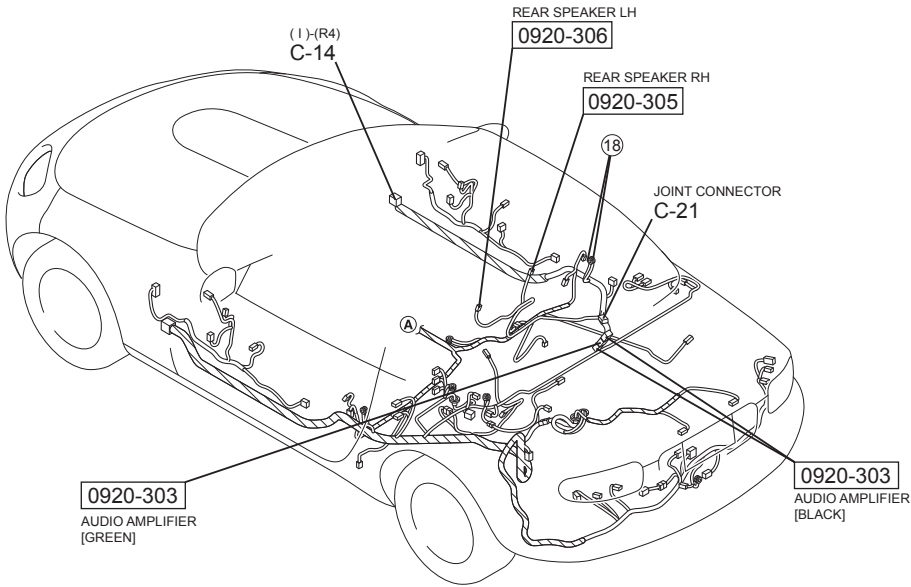
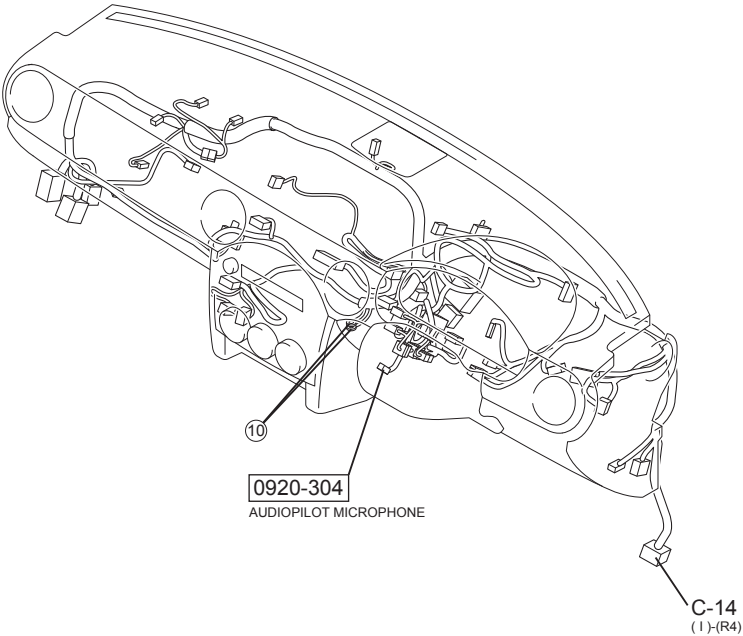


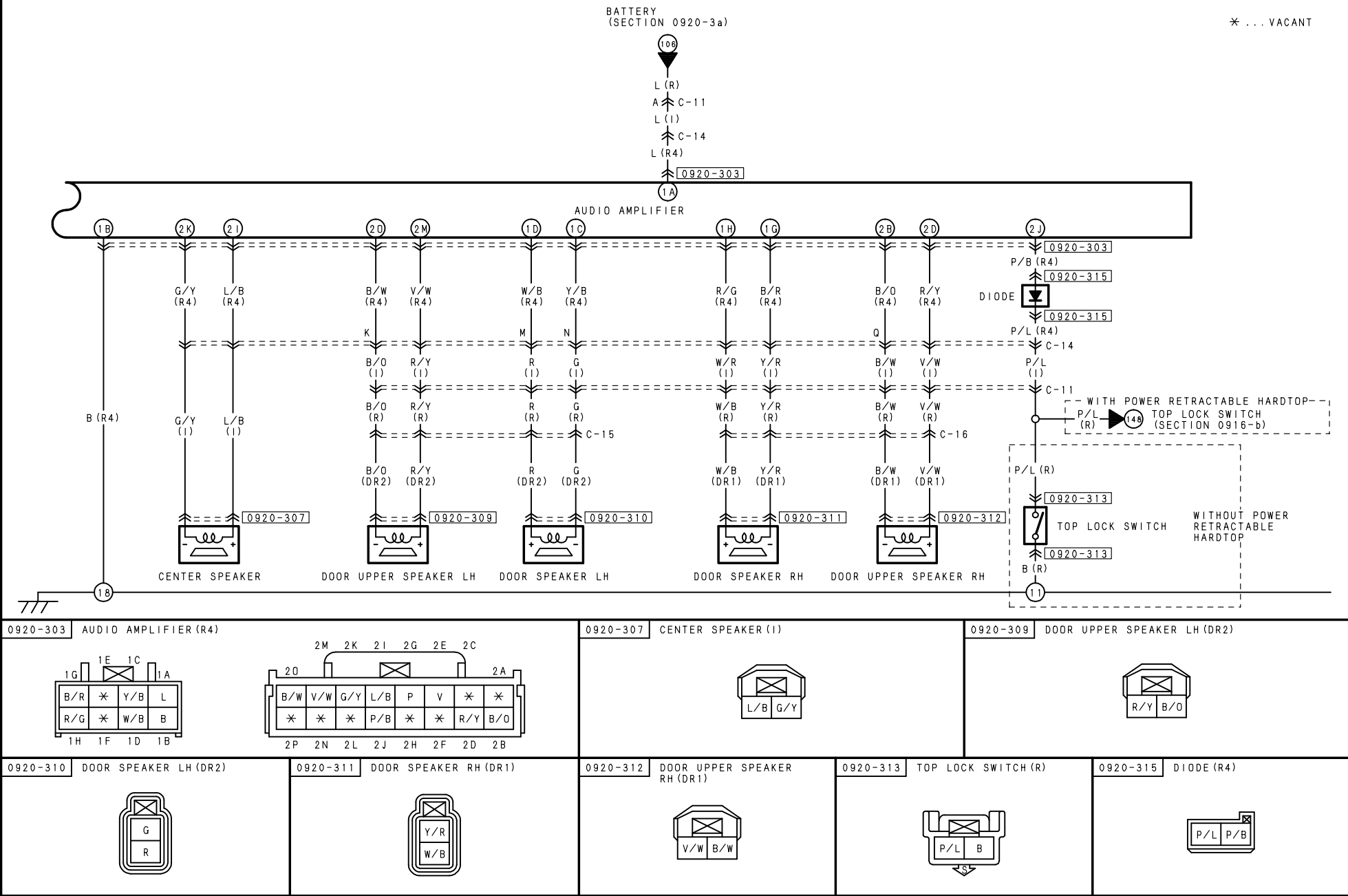
0920-306




REAR SPEAKER LH (R4)

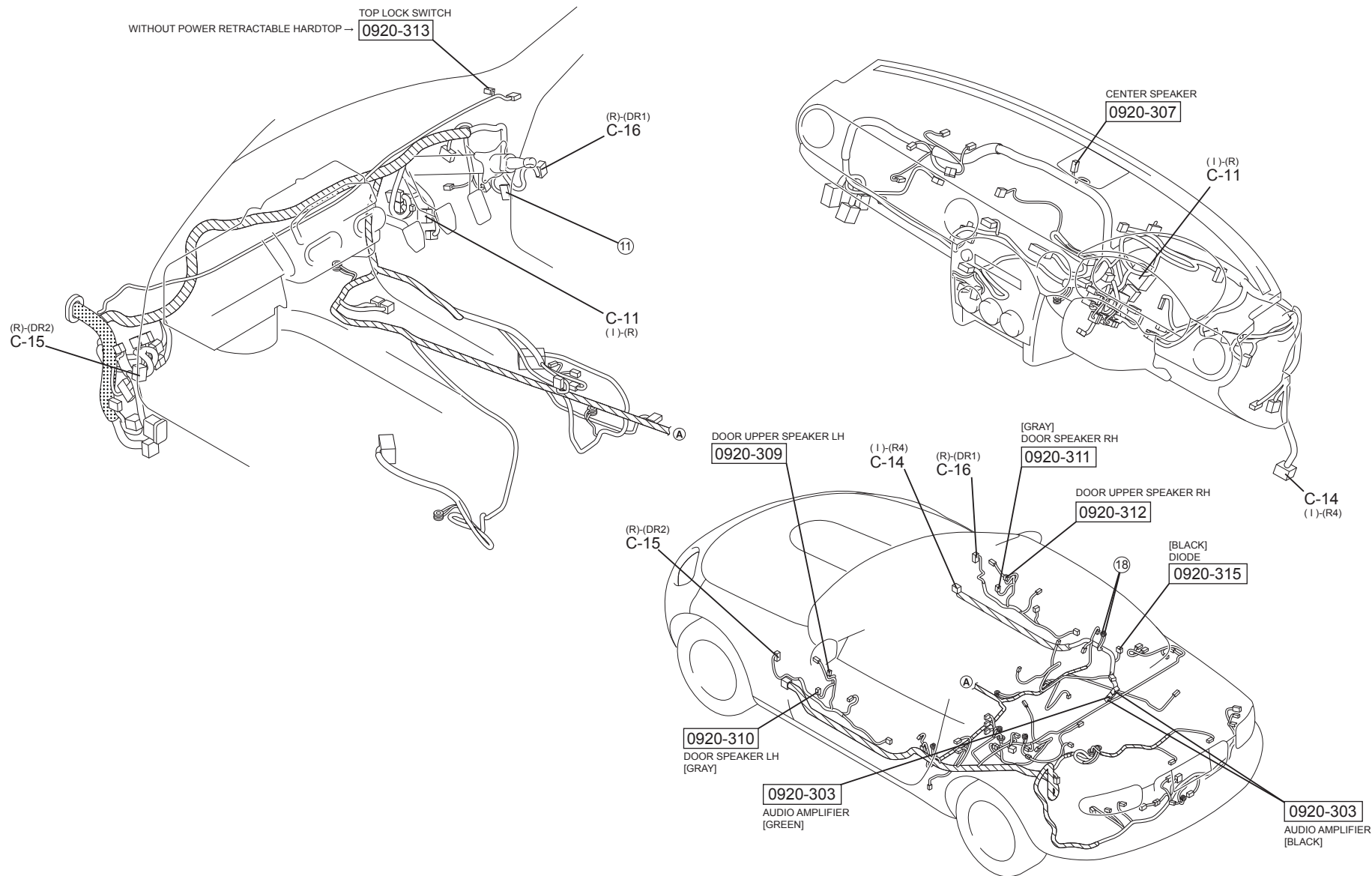


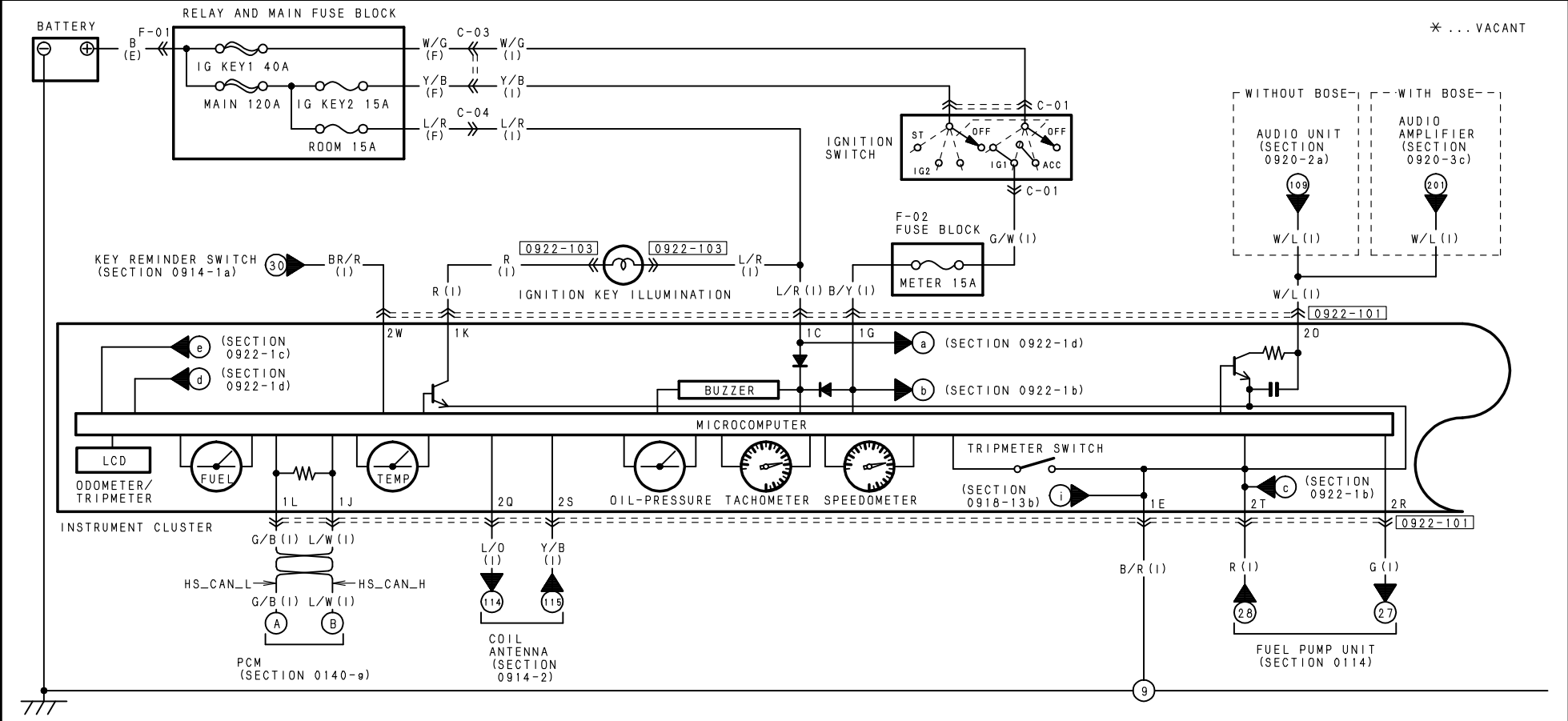
HARNESS SYMBOL:  (F)  (E)  (R)








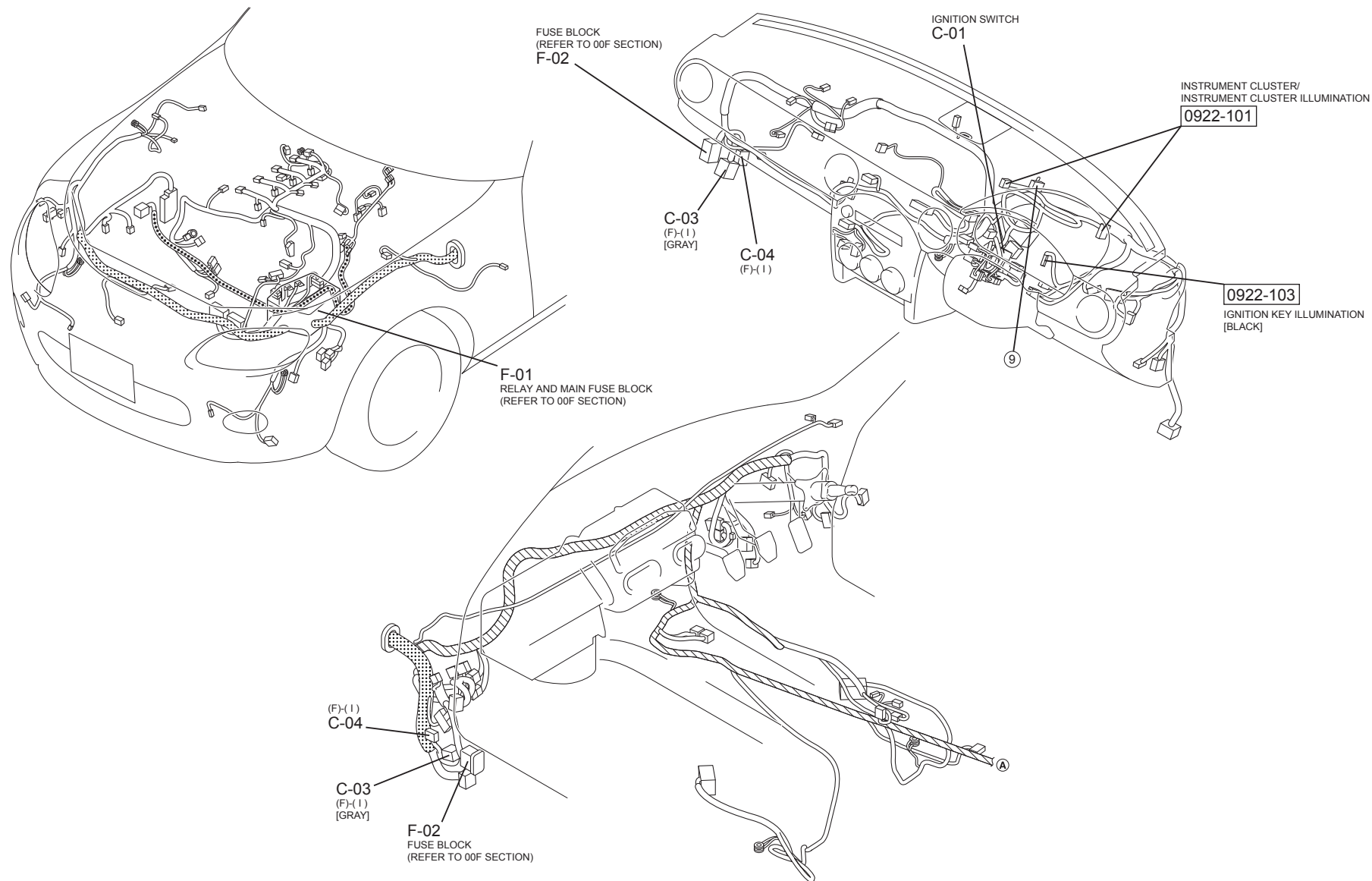
HARNESS SYMBOL:  (F)  (E)  (R)

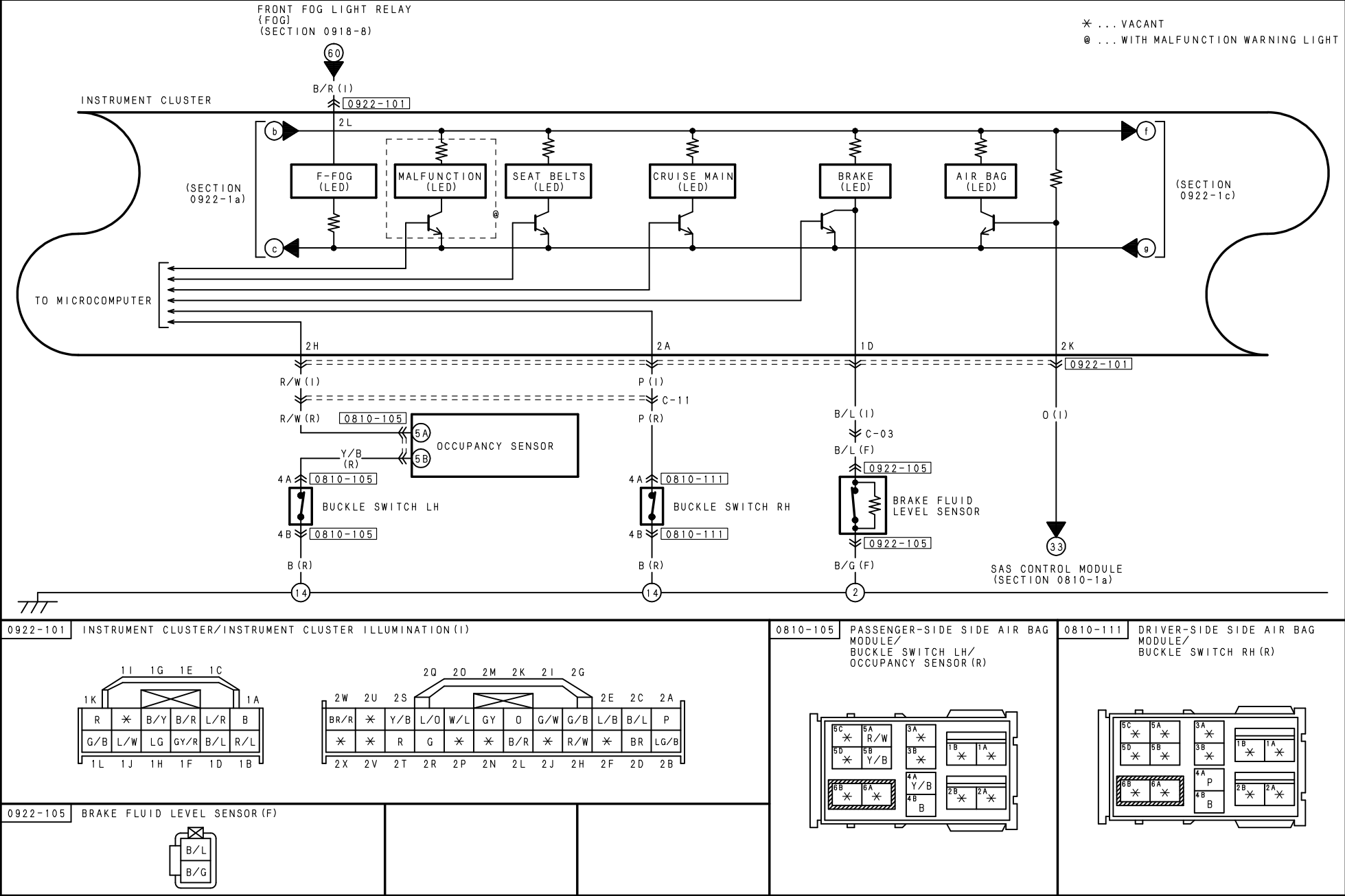




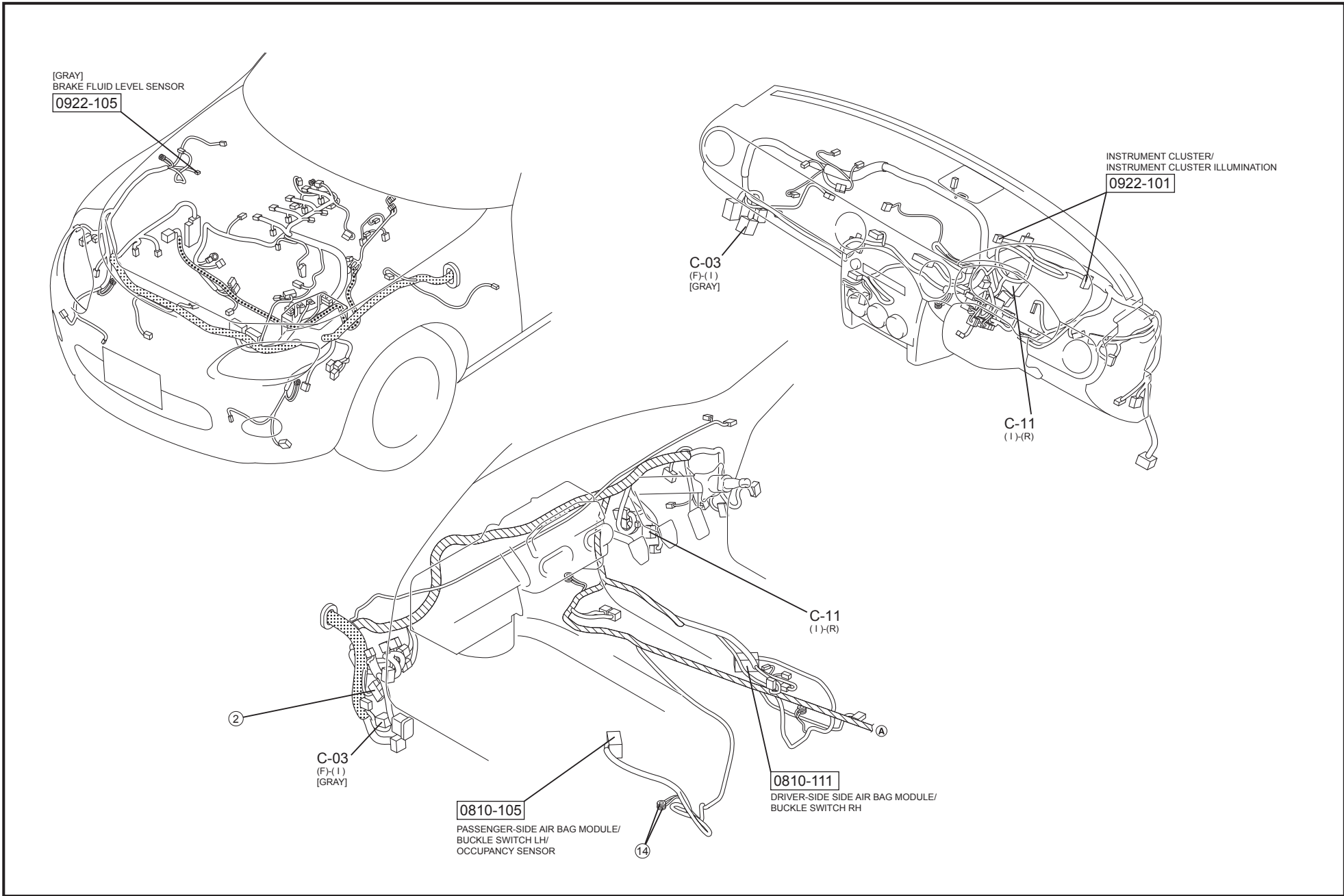
0922-101 INSTRUMENT CLUSTER/INSTRUMENT CLUSTER ILLUMINATION(I)				0922-103 IGNITION KEY ILLUMINATION(I)			
<div><div><div>1I 1G 1E 1C</div><div>1K</div><div><div><div>R</div><div>*</div><div>B/Y</div><div>B/R</div><div>L/R</div><div>B</div></div><div><div>G/B</div><div>L/W</div><div>LG</div><div>GY/R</div><div>B/L</div><div>R/L</div></div></div><div>1L 1J 1H 1F 1D 1B</div></div><div><div>2Q 2O 2M 2K 2I 2G</div><div>2W 2U 2S</div><div><div><div>BR/R</div><div>*</div><div>Y/B</div><div>L/O</div><div>W/L</div><div>GY</div><div>O</div><div>G/W</div><div>G/B</div><div>L/B</div><div>B/L</div><div>P</div></div><div><div>*</div><div>*</div><div>R</div><div>G</div><div>*</div><div>*</div><div>B/R</div><div>*</div><div>R/W</div><div>*</div><div>BR</div><div>LG/B</div></div></div><div>2X 2V 2T 2R 2P 2N 2L 2J 2H 2F 2D 2B</div></div></div>				<div><div>0922-103</div><div>IGNITION KEY ILLUMINATION(I)</div><div><div>R</div><div>L/R</div></div></div>			

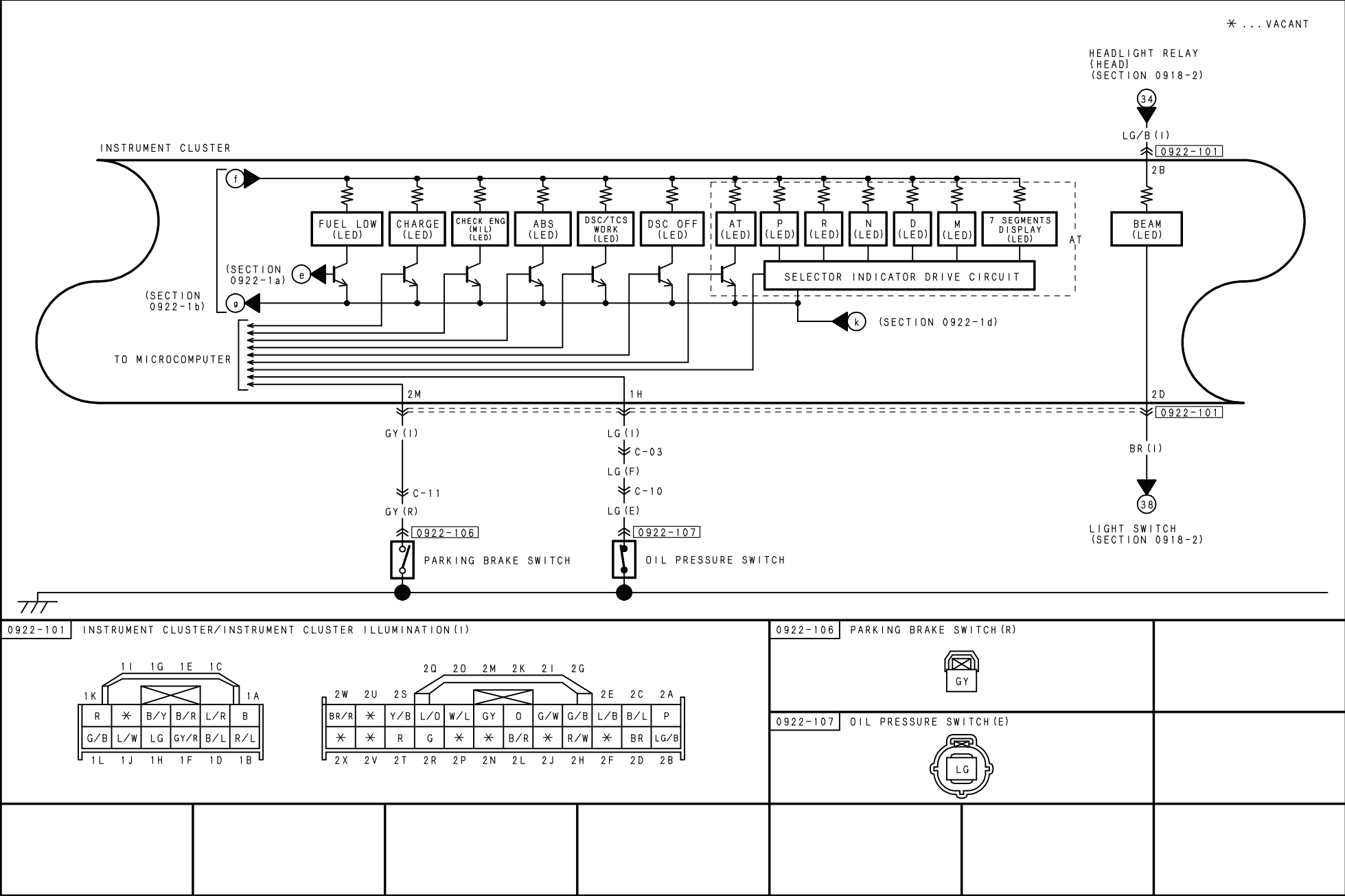
HARNESS SYMBOL:  (F)  (E)  (R)



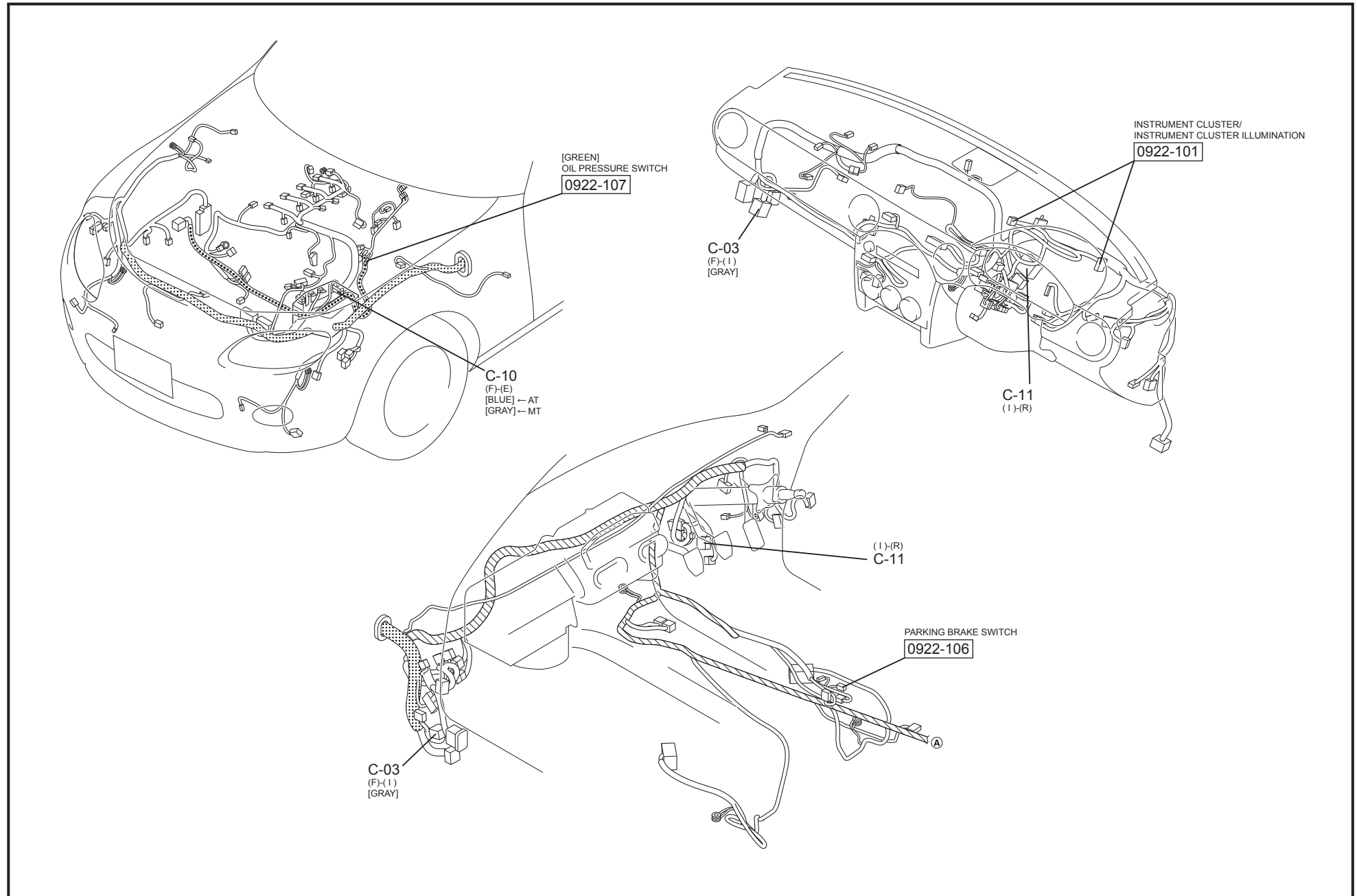


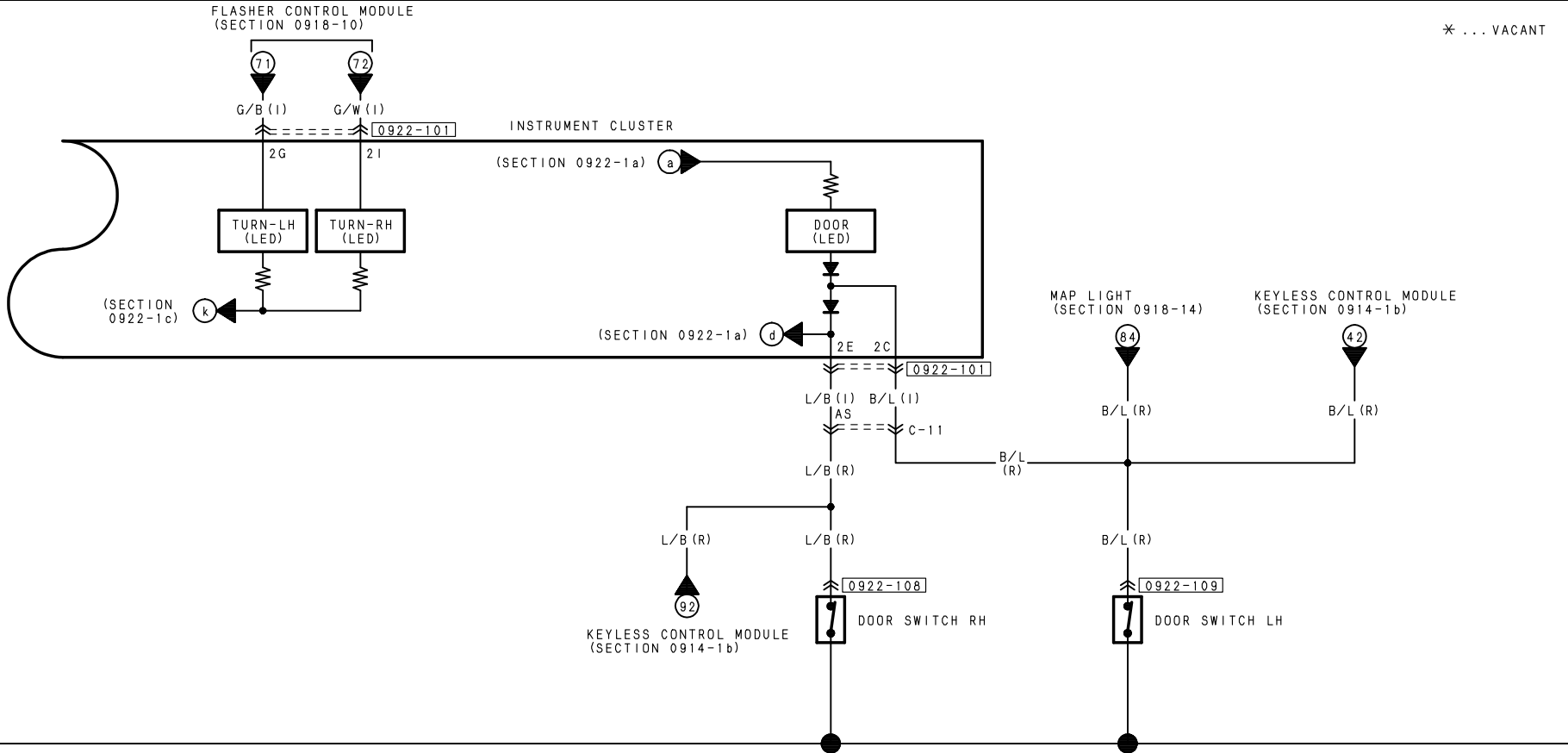
HARNESS SYMBOL:  (F)  (E)  (R)





HARNESS SYMBOL:  (F)  (E)  (R)

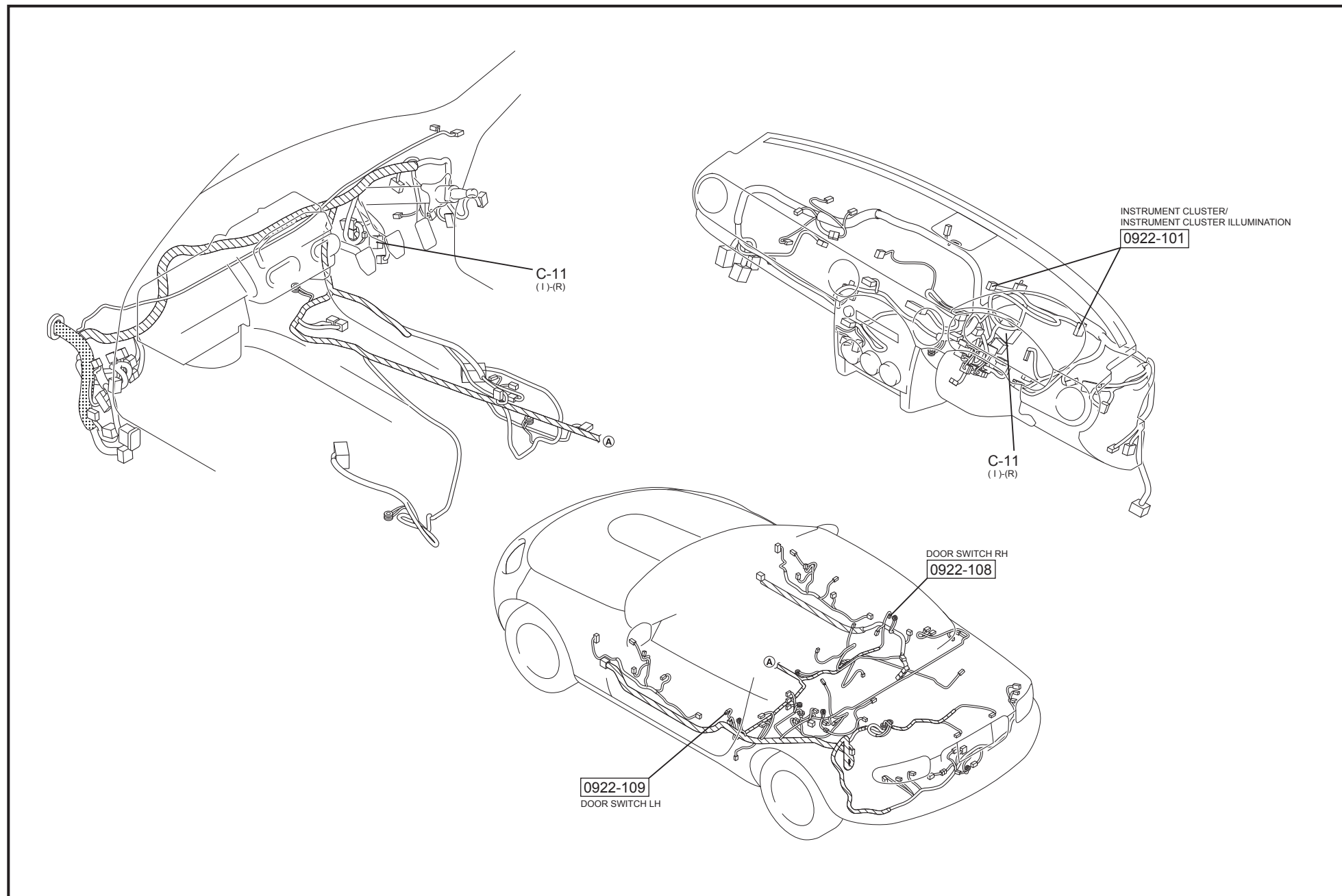





0922-101	INSTRUMENT CLUSTER/INSTRUMENT CLUSTER ILLUMINATION (I)												0922-108	DOOR SWITCH RH (R)				0922-109	DOOR SWITCH LH (R)			
<div><div>2Q 2O 2M 2K 2I 2G</div><div><div>2W 2U 2S</div><div><div>BR/R</div><div>*</div><div>Y/B</div><div>L/O</div><div>W/L</div><div>GY</div><div>O</div><div>G/W</div><div>G/B</div><div>L/B</div><div>B/L</div><div>P</div></div><div><div>*</div><div>*</div><div>R</div><div>G</div><div>*</div><div>*</div><div>B/R</div><div>*</div><div>R/W</div><div>*</div><div>BR</div><div>LG/B</div></div></div><div><div>2X 2V 2T 2R 2P 2N 2L 2J 2H 2F 2D 2B</div></div></div>												<div><div>L/B</div></div>				<div><div>B/L</div></div>						

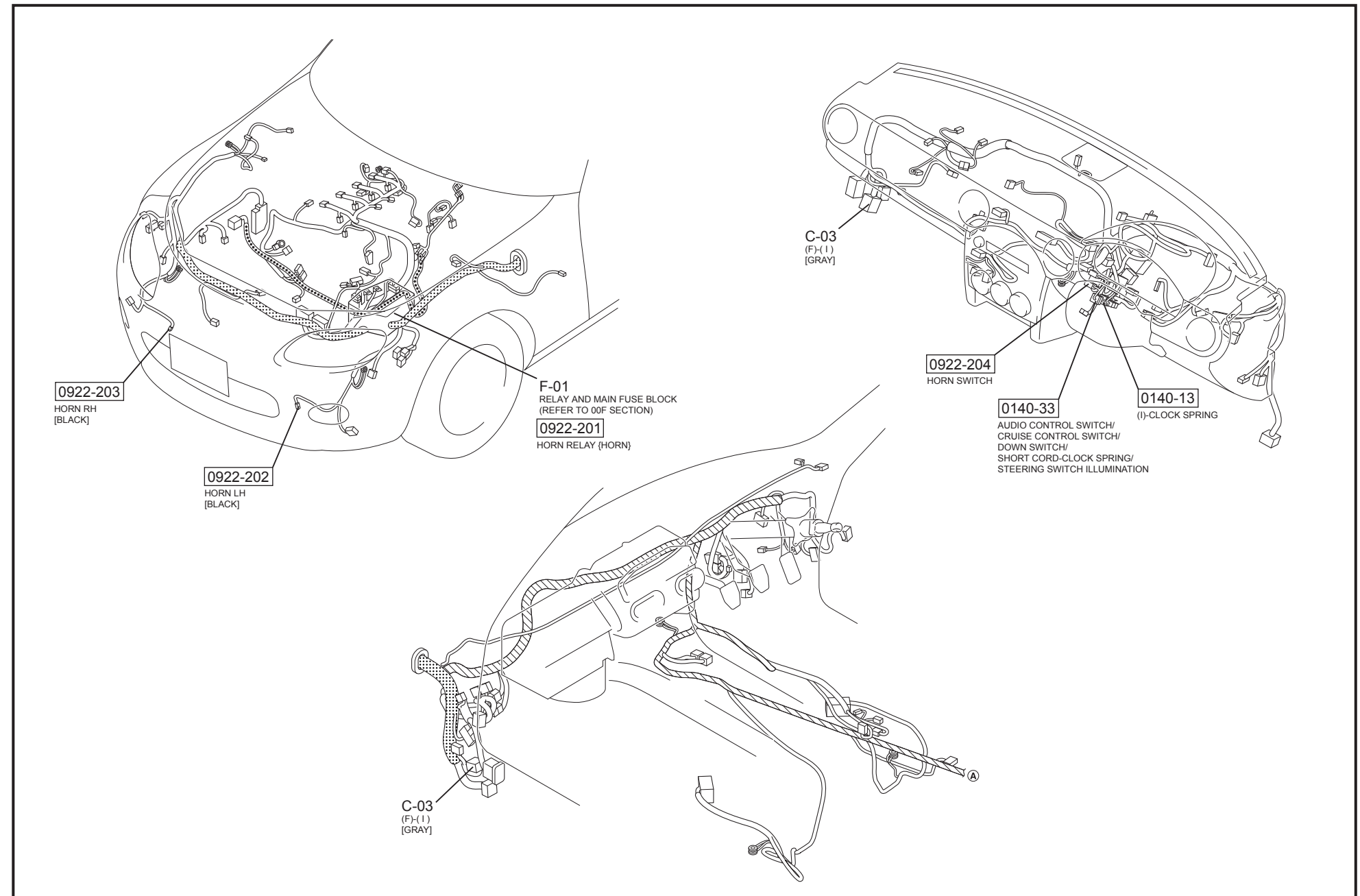
HARNESS SYMBOL:  (F)  (E)  (R)

141





HARNESS SYMBOL:  (F)  (E)  (R)



ALPHABETICAL INDEX

A

A/C RELAY	20, 70
A/F SENSOR	44
ABBREVIATIONS	12
ABS WHEEL-SPEED SENSOR	56
ACCELERATOR PEDAL POSITION SENSOR	46
ACCESSORY SOCKET	120
AIR BAG MODULE	72
AIR INTAKE ACTUATOR	68
AIR MIX ACTUATOR	68
AIRFLOW MODE ACTUATOR	68
AUDIO AMPLIFIER	130
AUDIO CONTROL SWITCH	122, 126
AUDIO UNIT	122, 126
AUDIOPILOT MICROPHONE	130
AUXILIARY JACK	124, 128

B

BACK-UP LIGHT	108
BACK-UP LIGHT SWITCH	108
BLOWER MOTOR	66
BLOWER RELAY	20, 66
BRAKE FLUID LEVEL SENSOR	136
BRAKE LIGHT	110
BRAKE SWITCH	52, 110
BUCKLE SWITCH	136

C

CAMSHAFT POSITION SENSOR	48
CENTER SPEAKER	132
CHECK CONNECTOR	20, 32
CLIMATE CONTROL UNIT	66
CLOCK SPRING	46, 62, 72, 114, 122, 126, 142
CLUTCH PEDAL POSITION SWITCH	52
COIL ANTENNA	88
COMBINED SENSOR	58
COMMON CONNECTOR LIST	22
CONDENSER	44, 76
CONTROL VALVE BODY	64
COOLING FAN MOTOR	34
COOLING FAN RELAY	20, 34
CRANKSHAFT POSITION SENSOR	48
CRASH ZONE SENSOR	72
CRUISE CONTROL SWITCH	46

D

DATA LINK CONNECTOR 2	32
DECK PANEL LIMIT SWITCH	94
DECK PANEL MOTOR	96
DIODE	132
DOOR LOCK ACTUATOR	86
DOOR LOCK-LINK SWITCH	86
DOOR SPEAKER	122, 132
DOOR SWITCH	140
DOOR UPPER SPEAKER	132
DOWN SWITCH	62
DRIVE-BY-WIRE RELAY	20, 42
DRIVER-SIDE AIR BAG MODULE	72
DRIVER-SIDE PRE-TENSIONER SEAT BELT	74
DRIVER-SIDE SIDE AIR BAG MODULE	74
DRIVER-SIDE SIDE AIR BAG SENSOR	74
DSC HU/CM	58
DSC OFF SWITCH	56

E

EGR VALVE	48
ELECTRICAL WIRING SCHEMATIC	18
ENGINE COOLANT TEMPERATURE SENSOR	50
EVAPORATOR TEMPERATURE SENSOR	68

F

FILAMENT	76
FLASHER CONTROL MODULE	106
FOG LIGHT	104
FOG LIGHT RELAY	20, 104
FOG LIGHT SWITCH	104
FRONT DOOR LOCK ACTUATOR	86
FRONT FOG LIGHT	104
FRONT FOG LIGHT RELAY	20, 104
FRONT FOG LIGHT SWITCH	104
FRONT TURN LIGHT	106
FUEL INJECTOR	50
FUEL PUMP RELAY	20, 36
FUEL PUMP UNIT	36
FUSE BOX	20

G

GENERAL INFORMATION	2
GENERATOR	38
GROUND POINT	28

H

HAZARD WARNING SWITCH	106
HEADLIGHT	98
HEADLIGHT RELAY	20, 98
HIGH-MOUNT BRAKE LIGHT	110
HO2S	44
HORN	142
HORN RELAY	20, 142
HORN SWITCH	142

I

IGNITION COIL	44
IGNITION RELAY	20, 42
ILLUMINATION	
AUDIO CONTROL SWITCH	114
AUDIO UNIT	112
CLIMATE CONTROL UNIT	112
CRUISE CONTROL SWITCH	114
DSC OFF SWITCH	112
HAZARD WARNING SWITCH	114
IGNITION KEY	134
INSTRUMENT CLUSTER	114
POWER RETRACTABLE	
HARDTOP SWITCH	114
SELECTOR	112
STEERING SWITCH	114
INSTRUMENT CLUSTER	134

K

KEY REMINDER SWITCH	82
KEYLESS CONTROL MODULE	82
KEYLESS RECEIVER	84
KNOCK SENSOR	44

L

LICENSE PLATE LIGHT	100
LIGHT SWITCH	98
LINE PRESSURE CONTROL SOLENOID	64

ALPHABETICAL INDEX

M

MAGNETIC CLUTCH	70
MAIN RELAY	20, 42
MANIFOLD ABSOLUTE PRESSURE SENSOR	50
MANUAL ANTENNA.....	122, 126
MAP LIGHT	116
MASS AIR FLOW/INTAKE AIR TEMPERATURE SENSOR.....	46

N

NEUTRAL SWITCH.....	52
---------------------	----

O

OCCUPANCY SENSOR.....	136
OIL CONTROL VALVE	48
OIL PRESSURE SWITCH	138

P

PARKING BRAKE SWITCH	138
PARKING LIGHT	100
PASSENGER-SIDE AIR BAG MODULE	72
PASSENGER-SIDE PRE-TENSIONER SEAT BELT	74
PASSENGER-SIDE SIDE AIR BAG MODULE	74
PASSENGER-SIDE SIDE AIR BAG SENSOR.....	74
PCM.....	42
POWER METAL OXIDE SEMICONDUCTOR FIELD EFFECT TRANSISTOR (POWER MOS FET).....	66
POWER OUTER MIRROR	80
POWER OUTER MIRROR SWITCH.....	80
POWER RETRACTABLE HARDTOP CONTROL MODULE	92
POWER RETRACTABLE HARDTOP INDICATOR LIGHT	114
POWER RETRACTABLE HARDTOP LIMIT SWITCH	94
POWER RETRACTABLE HARDTOP SWITCH	92
POWER STEERING PRESSURE SWITCH.....	50
POWER WINDOW MOTOR	78
POWER WINDOW MAIN SWITCH	78
PRE-TENSIONER SEAT BELT	74
PURGE SOLENOID VALVE.....	48

R

REAR SPEAKER.....	122, 130
REAR TURN LIGHT	106
REAR WINDOW DEFROSTER RELAY	20, 76
REFRIGERANT PRESSURE SWITCH	66
ROOF MOTOR	96

S

SAS CONTROL MODULE.....	72
SELECTOR LEVER COMPONENT	62
SHIFT SOLENOID.....	64
SHORT CONNECTOR.....	76
SIDE AIR BAG MODULE	74
SIDE AIR BAG SENSOR.....	74
SIDE TURN LIGHT	106
SPEAKER.....	122, 130
STARTER.....	40
STARTER RELAY	20, 40
STEERING ANGLE SENSOR.....	56

T

TAILLIGHT	100
TCC CONTROL SOLENOID	64
TCM.....	60
THROTTLE POSITION SENSOR	48
TNS RELAY.....	20, 98
TOP LOCK SWITCH	94, 132
TRANSMISSION FLUID TEMPERATURE CHECK CONNECTOR.....	62
TRANSMISSION FLUID TEMPERATURE SENSOR	64
TRANSMISSION RANGE SWITCH	40, 60
TRUNK COMPARTMENT LIGHT	102
TRUNK COMPARTMENT LIGHT SWITCH	102
TRUNK LID OPENER	90
TRUNK LID OPENER CANCEL SWITCH.....	90
TRUNK LID OPENER RELAY.....	90
TRUNK LID OPENER SWITCH	90
TURBINE SENSOR.....	60
TURN LIGHT	106
TURN SWITCH	106
TWEETER	122

U

UP SWITCH	62
-----------------	----

V

VARIABLE INTAKE AIR SOLENOID VALVE	48
VARIABLE TUMBLE SOLENOID VALVE	48
VEHICLE IDENTIFICATION NUMBERS (VIN)	3
VEHICLE SPEED SENSOR.....	60

W

WASHER MOTOR	118
WINDOW DEFROSTER RELAY	20, 76
WIPER AND WASHER SWITCH	118
WIPER MOTOR	118
WIRING COLOR CODE	9