

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 RX-8

Wiring Diagram

FOREWORD

This wiring diagram incorporates the wiring schematics of the basic vehicle and available optional equipment. Actual vehicle wiring may vary slightly depending on optional equipment or local specifications, or both. All information in this booklet is based on information available at the time of printing. Mazda Motor Corporation reserves the right to make changes without previous notice.

Mazda Motor Corporation
HIROSHIMA, JAPAN

APPLICATION:

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

CONTENTS

TITLE	Section
GENERAL INFORMATION OF WIRING DIAGRAMS	GI
GROUND POINTS	Y
ELECTRICAL WIRING SCHEMATIC	W
SYSTEM CIRCUIT DIAGRAM/ CONNECTOR LOCATIONS	A-U
COMMON CONNECTORS	X
ALPHABETICAL INDEX	AI

VEHICLE IDENTIFICATION NUMBERS (VIN) (CHASSIS NUMBER)

JM0 FE103100 100001—

WIRING COLOR CODE

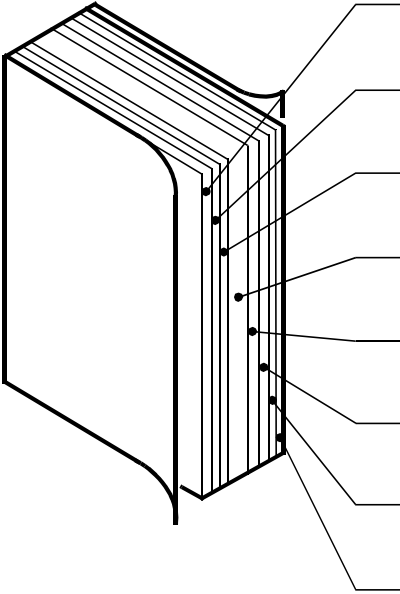
COLOR	CODE	COLOR	CODE
BLACK	B	ORANGE	O
BLUE	L	PINK	P
BROWN	BR	RED	R
DARK BLUE	DL	SKY BLUE	SB
DARK GREEN	DG	TAN	T
GRAY	GY	VIOLET	V
GREEN	G	WHITE	W
LIGHT BLUE	LB	YELLOW	Y
LIGHT GREEN	LG		

SYSTEM INDEX

GENERAL INFORMATION	2	EXTERIOR LIGHTING SYSTEM	
GROUND POINT	16	HEADLIGHT	
ELECTRICAL WIRING SCHEMATIC	20	DISCHARGE TYPE	52
		HALOGEN TYPE	54
ENGINE-RELATED SYSTEM		FRONT FOG LIGHT	56
CHARGING SYSTEM	22	LICENSE PLATE LIGHT	58
STARTING SYSTEM	22	PARKING LIGHT	58
ENGINE CONTROL SYSTEM	24	SIDE MARKER LIGHT	58
FUEL CONTROL SYSTEM	38	TAILLIGHT	58
COOLING FAN SYSTEM	40	HEADLIGHT AUTO LEVELING SYSTEM	60
		HEADLIGHT CLEANER SYSTEM	62
CHASSIS-RELATED SYSTEM		TURN AND HAZARD WARNING LIGHT	64
EC-AT CONTROL SYSTEM	76	BACK-UP LIGHT	66
ELECTRIC POWER STEERING		BRAKE LIGHT	68
(EPS) SYSTEM	106	HIGH-MOUNT BRAKE LIGHT	68
DYNAMIC STABILITY CONTROL		GROUND ILLUMINATION LIGHT	86
(DSC) SYSTEM	108		
INSTRUMENT CLUSTER-RELATED SYSTEM		AIR CONDITIONING-RELATED SYSTEM	
INSTRUMENT CLUSTER	42	HEATER AND AIR CONDITIONER	70
		MAGNETIC CLUTCH	
BODY-RELATED SYSTEM		CONTROL SYSTEM	74
WINDSHIELD WIPER AND WASHER	50		
HORN	68	ACCESSORY	
REAR WINDOW DEFROSTER	80	ACC RELAY	88
POWER WINDOW SYSTEM	98	CIGARETTE LIGHTER	88
KEYLESS UNIT	100	AUDIO SYSTEM	
HEATED OUTER MIRROR	104	WITHOUT BOSE	90
POWER OUTER MIRROR	104	WITH BOSE	92
SLIDING SUNROOF	104-2	ACCESSORY SOCKET	126
POWER SEAT	112		
SEAT WARMER	114	OTHER	
AIR BAG SYSTEM SERVICE CAUTIONS /		DATA LINK CONNECTOR	128
SERVICE WARNINGS	116		
AIR BAG SYSTEM	118	COMMON CONNECTOR LIST	130
IMMOBILIZER SYSTEM	124	ALPHABETICAL INDEX	135
TRUNK LID OPENER	126		
INTERIOR LIGHTING SYSTEM			
TRUNK COMPARTMENT LIGHT	80		
ILLUMINATION LIGHT	82		
COURTESY LIGHT	86		
INTERIOR LIGHT	86		
MAP LIGHT	86		
VANITY MIRROR ILLUMINATION	86		

Contents of wiring diagrams

- This manual comprises the sections shown below.



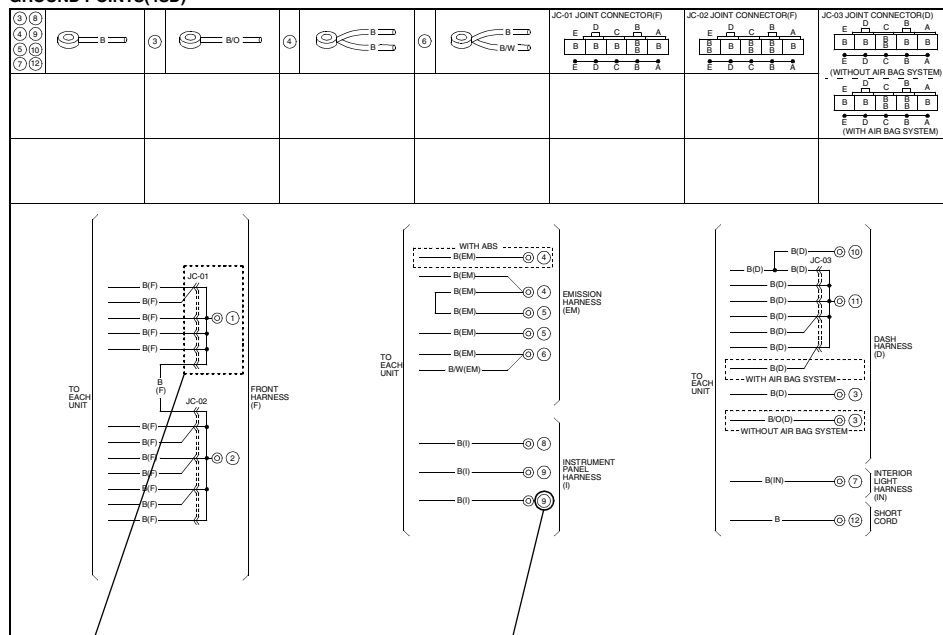
GI	General information of wiring diagrams	A how-to on using and reading wiring diagrams, using test equipment, checking harness and connectors, and finding trouble spots
Y	Ground points	Ground routes from and to the battery
W	Electrical wiring schematic	Shows main fuses and other fuses for each system
A-U	System circuit diagram/connector locations	Shows circuit and connector diagrams and component and connector location diagrams
X	Common connectors	Shows connectors common throughout system
JB	Joint box complete wiring system	Shows internal circuits and connectors
FB	Main fuse block complete wiring system	Shows internal circuits and connectors
AI	Alphabetical Index	Gives page number of circuit diagram for each component

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

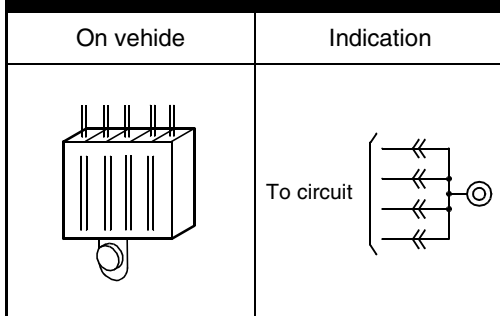
Ground points

- This shows ground points of the harness.

GROUND POINTS(4SD)



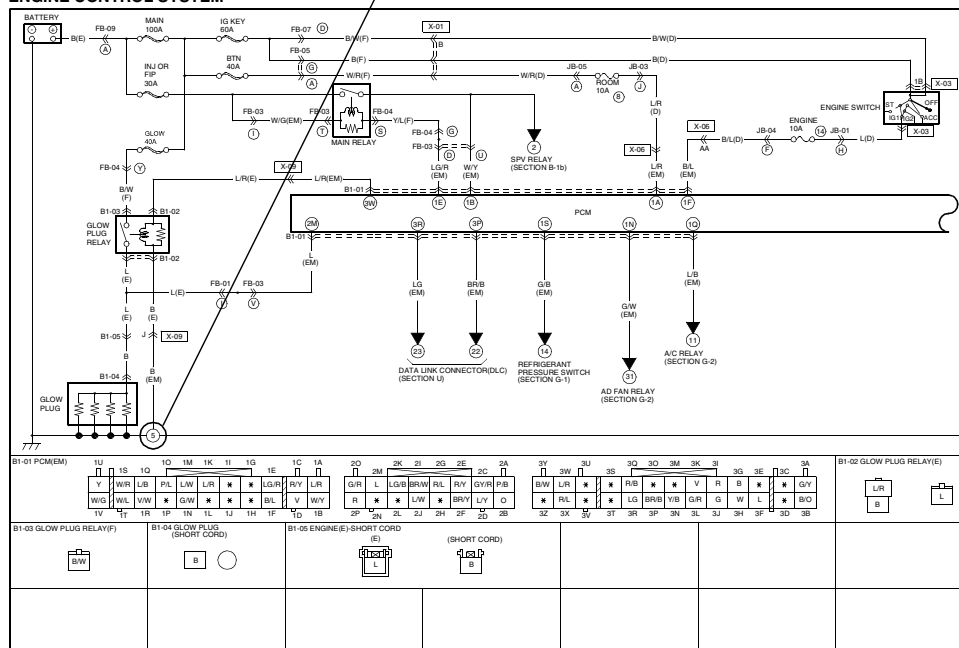
Ground indication



On circuit diagrams and ground points

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

ENGINE CONTROL SYSTEM



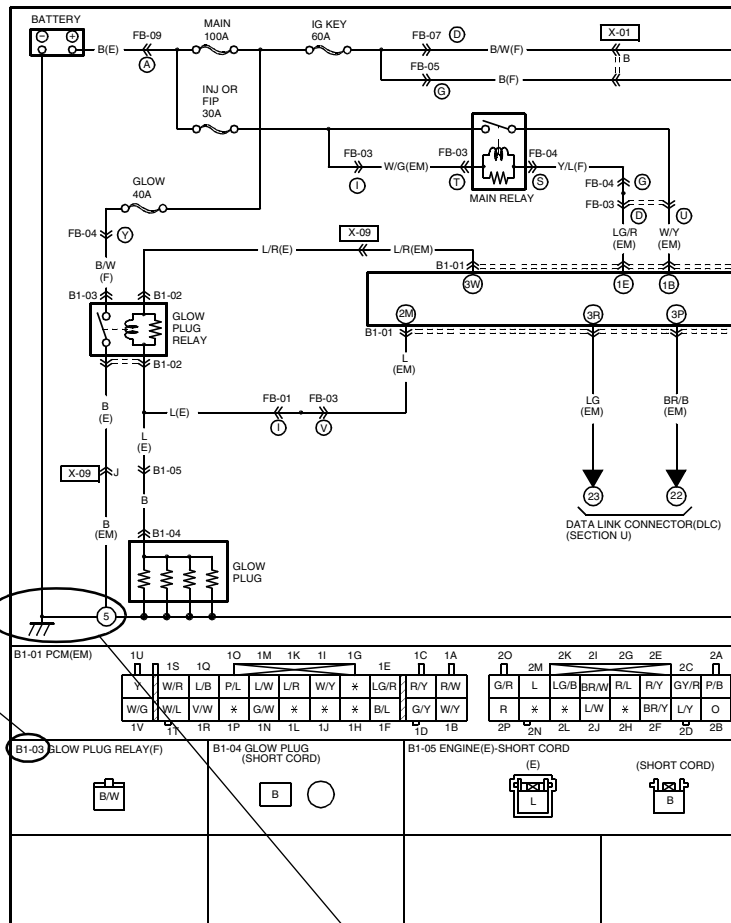
System circuit diagram/connector diagram

- 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

ENGINE CONTROL SYSTEM



Connector code

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

- Y : Ground connector
- A : Charging system/starting system connectors
- B : Engine control system connectors
- C : Gauge control system connectors
- D : Wiper system connectors
- E : Lighting system connectors
- F : Signal system connectors
- G : Air-conditioning system connectors
- H : Transmission control/Key interlock/Shift-lock system connectors
- I : Interior light system connectors
- J : Audio/radio connectors
- K : Power window/power door lock system connectors
- L : Remote control mirror system connectors
- M : Sliding sunroof system connectors
- O : Anti-lock brake system connectors
- P : Power seat/seat warmer system connectors
- Q : Auto cruise control system connectors
- S : Passive shoulder belt control/Airbag system connectors
- T : Others
- U : Data link connector
- X : Common connectors
- JB : Joint box connections
- FB : Main fuse block

Ground numbers

A harness ground is represented differently than a unit ground.

Types of grounds	Symbol
Harness 	
Unit 	

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

System code

Multiplex communication

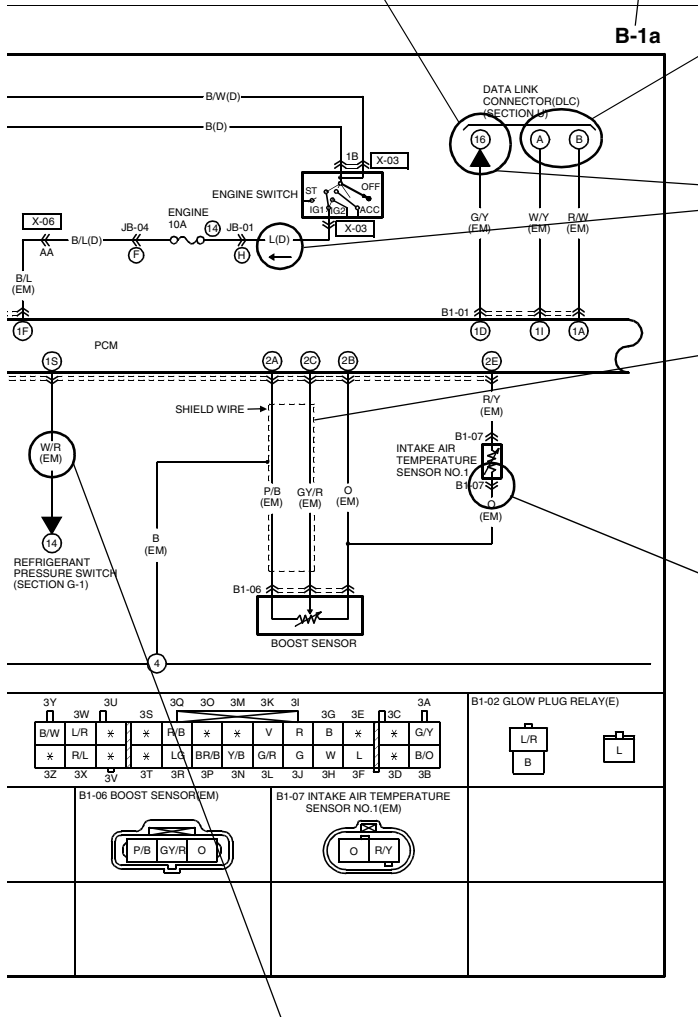
Indicates communication with connected parts. Signals are transmitted back and forth between connected parts.

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.



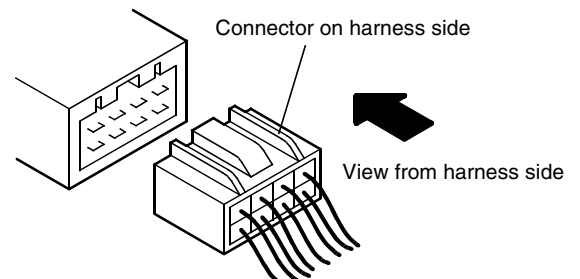
Connector symbols

- 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)



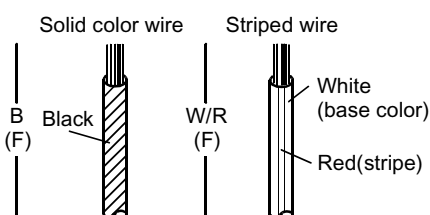
- Colors for connectors except white are given in locations.
- Unused terminals are indicated by *.

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-7.).

Routing diagram

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

Connector symbol

Shows the system that uses the connector.

(Example)

Connector	Symbol
Common connectors	X-19
System connectors	I-03

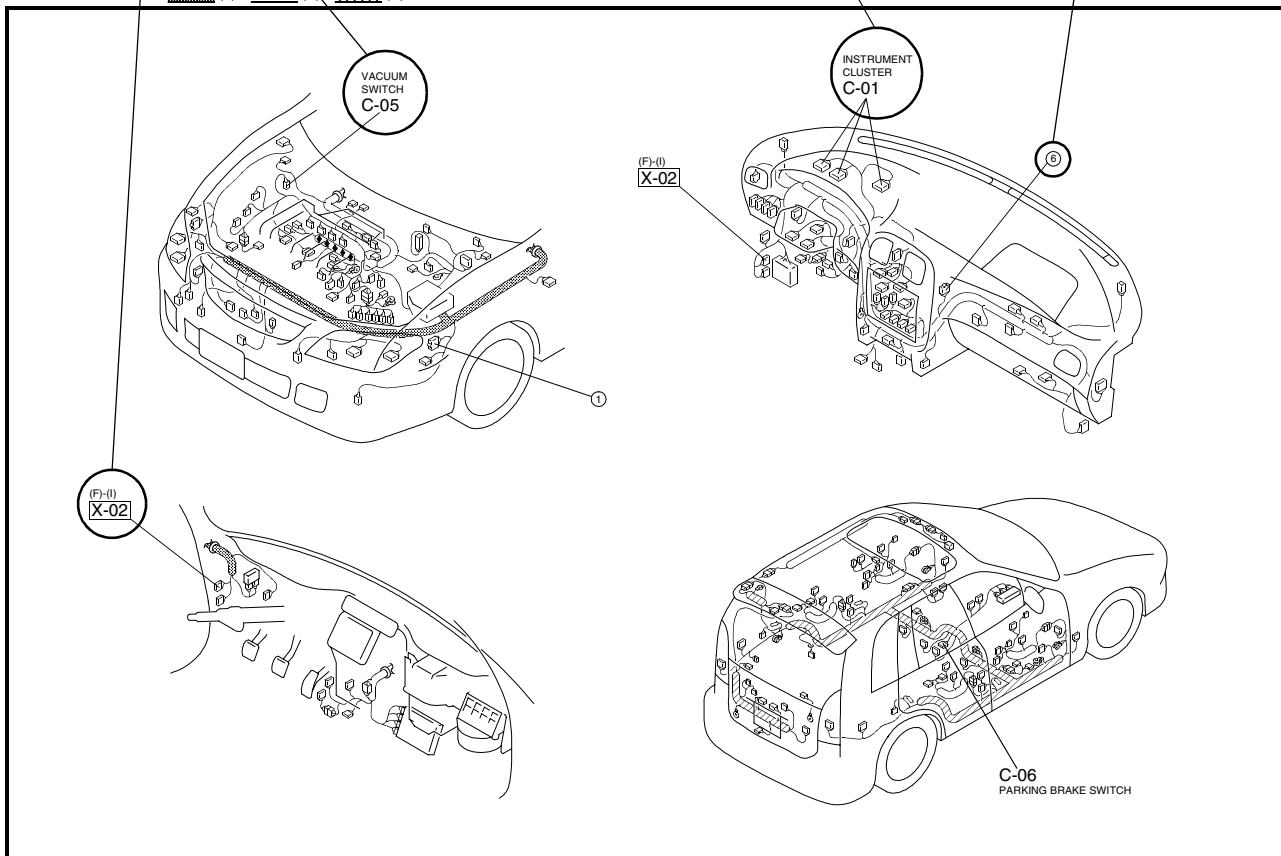
Component name

Shows the names of components in routing diagrams.







Ground symbol

Shows the ground in system diagrams.

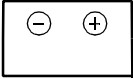

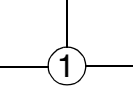

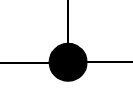


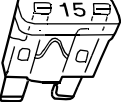
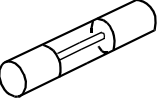
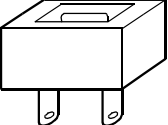
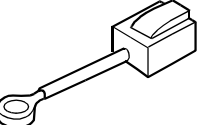





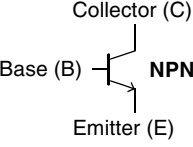
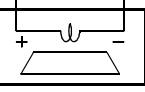
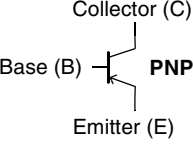






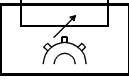
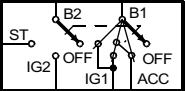
HARNESS SYMBOL :  (F)  (E)  (R)

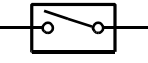

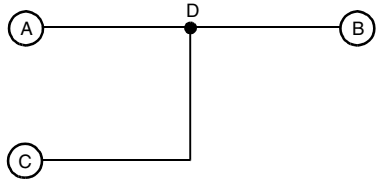


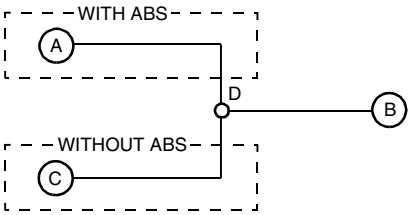
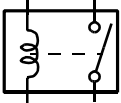
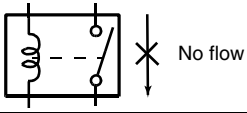
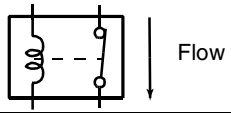
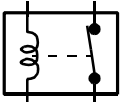
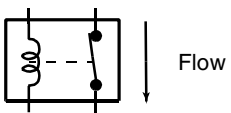
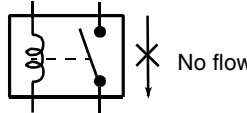
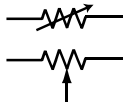
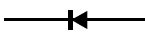
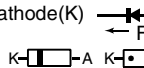
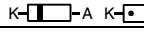


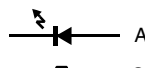
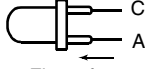
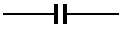
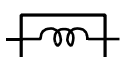



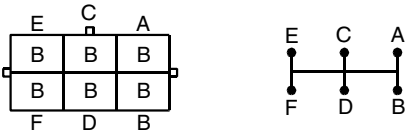
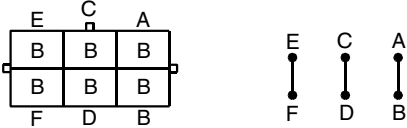
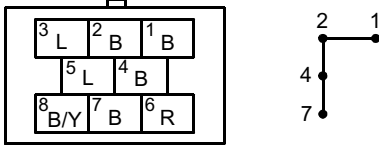
Harness symbols

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)				

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. 	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 (2) 		Motor 	<ul style="list-style-type: none"> Converts electrical energy into mechanical energy.
Fuse (1) 	Remarks <ul style="list-style-type: none"> Current will not flow through a circuit if ground is faulty. Precautions <ul style="list-style-type: none"> Do not replace with fuses exceeding specified capacity. <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <Blade type>  </div> <div style="text-align: center;"> <Tube type>  </div> </div> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <Cartridge type>  </div> <div style="text-align: center;"> <Fusible link>  </div> </div>	Pump 	<ul style="list-style-type: none"> Pulls in and discharges gases and liquids.
Fuse (2) 		Cigarette lighter 	<ul style="list-style-type: none"> Electrical coil that generates heat.
Main fuse/ Fusible link 		Horn 	<ul style="list-style-type: none"> Generates sound when current flows.
Transistor (1) 		Speaker 	
Transistor (2) 	<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 style="text-align: center;">  </div> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> </div> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> </div>	Heater 	<ul style="list-style-type: none"> Generates heat when current flows.
	<ul style="list-style-type: none"> Reading code. <div style="display: flex; align-items: center;"> <div style="margin-right: 10px;"> 2 S C 828 A ↑ Semiconductor Number of terminals </div> <div style="margin-right: 10px;"> Revision mark A: High-frequency PNP B: Low-frequency PNP C: High-frequency NPN D: Low-frequency NPN </div> </div>	Speed sensor 	<ul style="list-style-type: none"> Movement of magnet in speedometer turns contact within sensor on and off.
		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 (NO)	<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.	 For vehicles with ABS, use the A-B circuit.
Switch (2)  Normally closed (NC)		Selection  Diversion point D for the different circuits according to the vehicle's specification is indicated by a white dot.	 For vehicles without ABS, use the C-B circuit.
Relay (1)  Normally open (NO)	<ul style="list-style-type: none"> Current flowing through coil produces electromagnetic force causing contact to open or close. <div style="display: flex; justify-content: space-around;"> <div> No current to coil  </div> <div> Current to coil  </div> </div>		
Relay (2)  Normally closed (NC)	<ul style="list-style-type: none"> Current flowing through coil produces electromagnetic force causing contact to close. <div style="display: flex; justify-content: space-around;"> <div> No current to coil  </div> <div> Current to coil  </div> </div>		
Sensor (variable) 	<ul style="list-style-type: none"> Resistance changes with other components operation. 	Diode 	<ul style="list-style-type: none"> Known as a semiconductor rectifier, the diode allows current flow in one direction only. <div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">Cathode(K)</div>  <div style="margin-left: 10px;">Anode(A)</div> </div> <div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">K</div>  <div style="margin-left: 10px;">A</div> </div>
Sensor (thermistor) 	<ul style="list-style-type: none"> Resistance changes with temperature. 	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 style="display: flex; align-items: center;"> <div style="margin-right: 10px;">Cathode(K)</div>  <div style="margin-left: 10px;">Anode(A)</div> </div> <div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">Cathode(K)</div>  <div style="margin-left: 10px;">Anode(A)</div> </div> <div style="text-align: center;">Flow of current</div>
Capacitor 	<ul style="list-style-type: none"> Component that temporarily stores electrical charge. 		
Solenoid 	<ul style="list-style-type: none"> Current flowing through coil generates electromagnetic force to operate plungers. 	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.

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.

Abbreviations used in this manual

3GR	THIRD GEAR
4GR	FOURTH GEAR
A	AMPERE
A/C	AIR CONDITIONING
A/F	AIR FUEL
AAS	AUTO ADJUSTING SUSPENSION
ABS	ANTI-LOCK BRAKING 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
CARB	CARBURETOR
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
EI	ELECTRONIC IGNITION
ELEC	ELECTRIC
ELR	EMERGENCY LOCKING RETRACTOR
ET	ELECTRONIC THROTTLE
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
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
MT	MANUAL TRANSMISSION
MTX	MANUAL TRANSAXLE
N	NEUTRAL
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
O2S	OXYGEN SENSOR
OBD	ON-BOARD DIAGNOSTIC
O/D	OVER DRIVE
OFF	SWITCH OFF
ON	SWITCH ON
OSC	OSCILLATOR
P	POWER
P/S	POWER STEERING
PCM	POWERTRAIN CONTROL MODULE
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

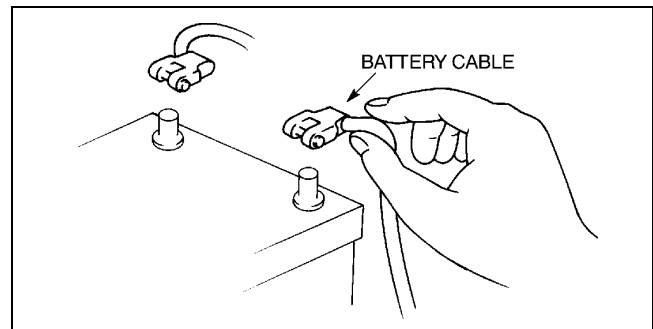
RF	RIGHT FRONT
RH	RIGHT HAND
RPM	REVOLUTIONS PER MINUTE
RR	RIGHT REAR
SAS	SOPHISTICATED AIR BAG SENSOR
SFI	SEQUENTIAL MULTIPOINT FUEL INJECTION
SOL	SOLENOID
SPV	SPILL VALVE
ST	START
SW	SWITCH
TC	TURBOCHARGER
TCC	TORQUE CONVERTER CLUTCH
TCM	TRANSMISSION(TRANSAXLE)CONTROL MODULE
TCS	TRACTION CONTROL SYSTEM
TEMP	TEMPERATURE
TFT	TRANSAXLE FLUID TEMPERATURE
TNS	TAIL NUMBER SIDE LIGHTS
TICS	TRIPLE INDUCTION CONTROL SYSTEM
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

ELECTRICAL PARTS

B6U000000006W03

Battery cable

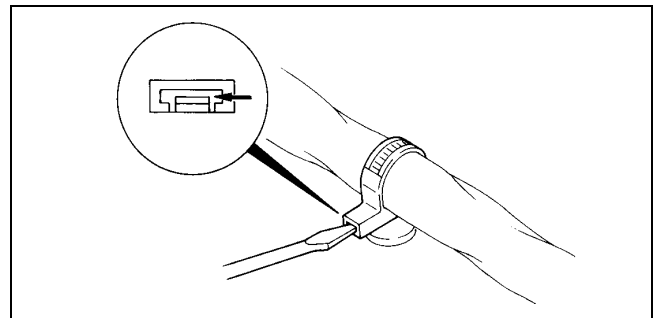
- Before disconnecting connectors or removing electrical parts, disconnect the negative battery cable.



WGIWXX0007E

Wiring Harness

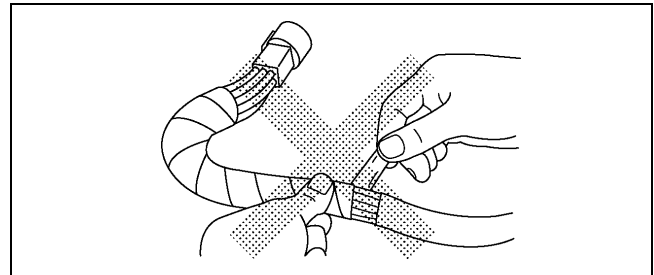
- To remove the wiring harness from the clip in the engine room, pry up the hook of the clip using a flathead screwdriver.



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

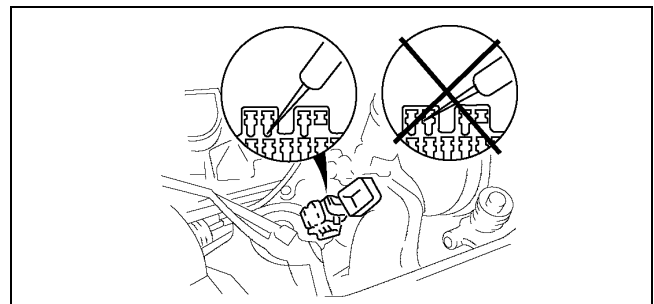
CONNECTORS

Data link connector

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

Caution

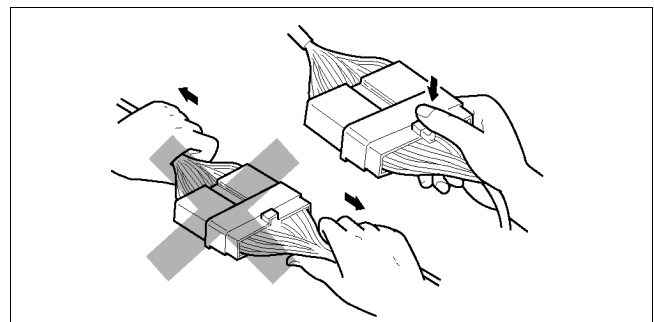
- Inserting a jumper wire probe into the data link connector terminal may damage the terminal.



X3U000WAY

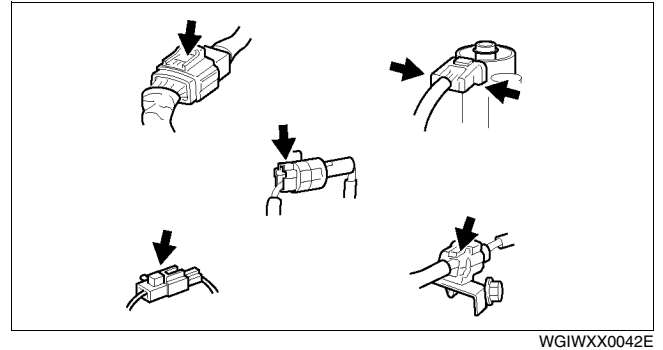
Disconnecting connectors

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



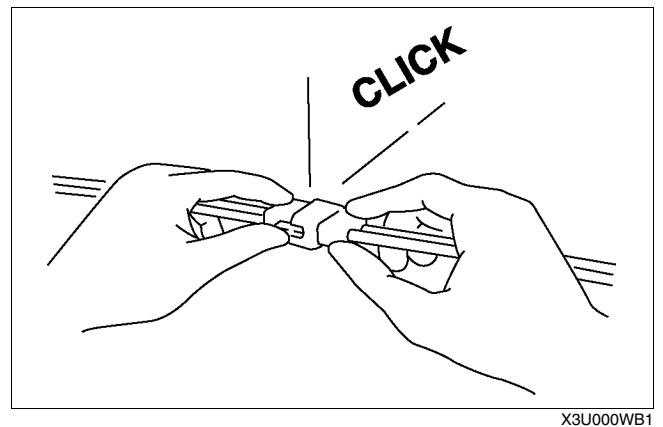
WGIWXX0041E

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



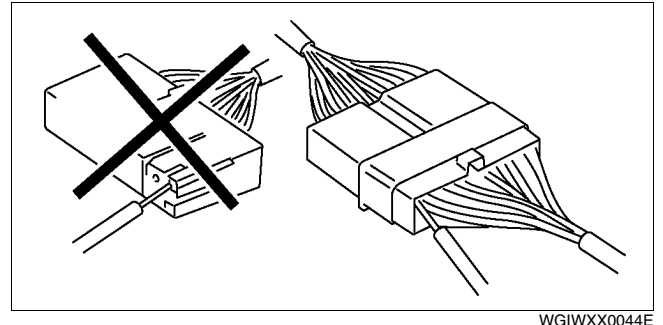
Locking connector

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



Inspection

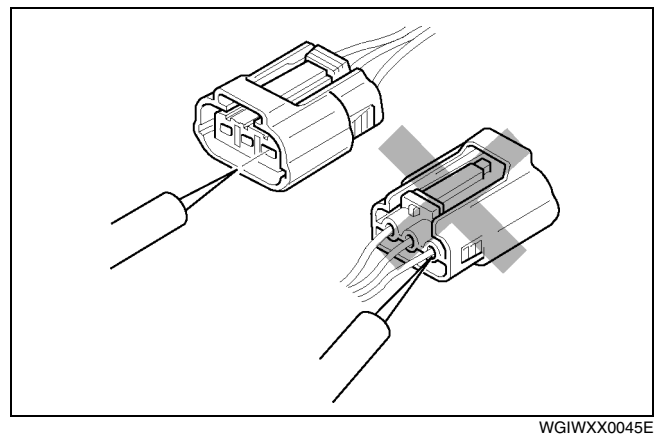
- When a tester is used to inspect for continuity or measuring voltage, insert the tester probe from the wiring harness side.



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

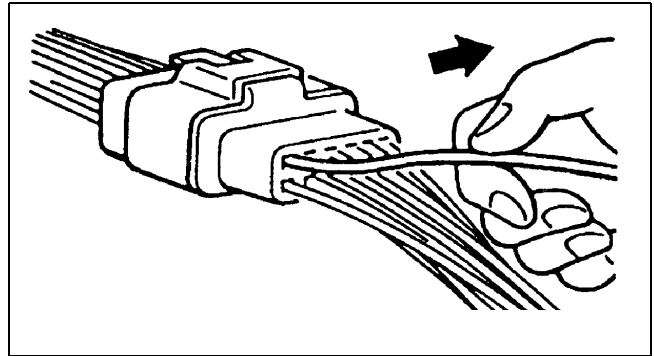
Caution

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



Terminals**Inspection**

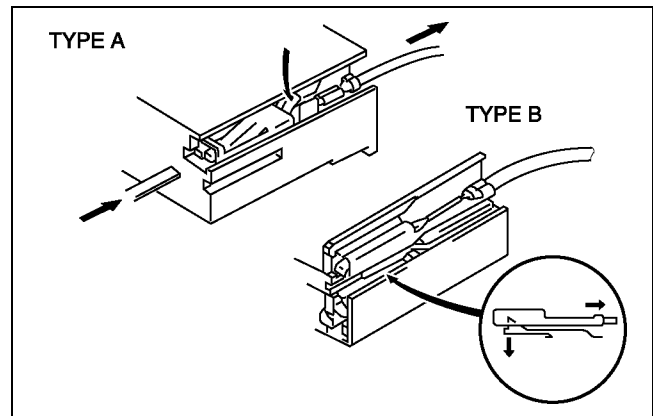
- Pull lightly on individual wires to verify that they are secured in the terminal.



X3U000WB4

Replacement

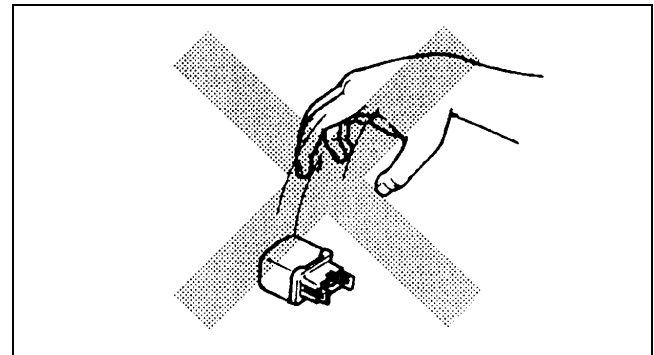
- Use the appropriate tools to remove a terminal as shown. When installing a terminal, be sure to insert it until it locks securely.
- Insert a thin piece of metal from the terminal side of the connector and with the terminal locking tab pressed down, pull the terminal out from the connector.



X3U000WB5

Sensors, Switches, and Relays

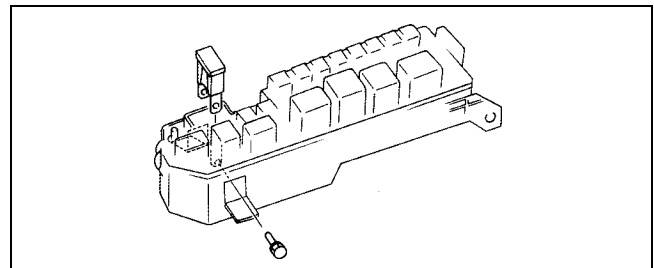
- Handle sensors, switches, and relays carefully. Do not drop them or strike them against other objects.



X3U000WB6

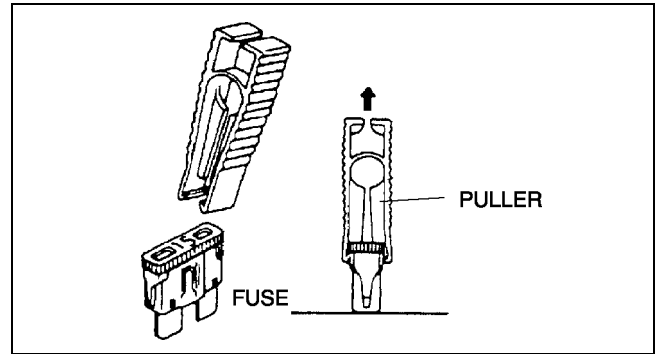
Fuse**Replacement**

- 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

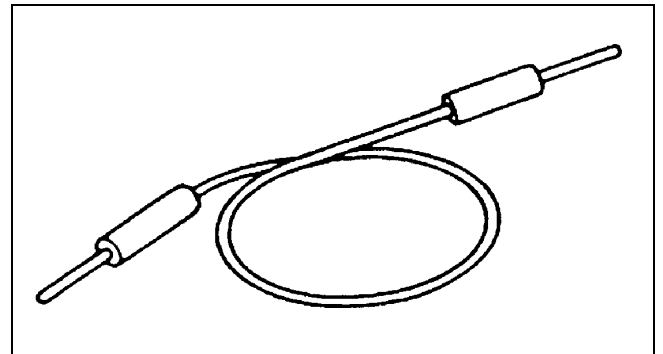
ELECTRICAL TROUBLESHOOTING TOOLS

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

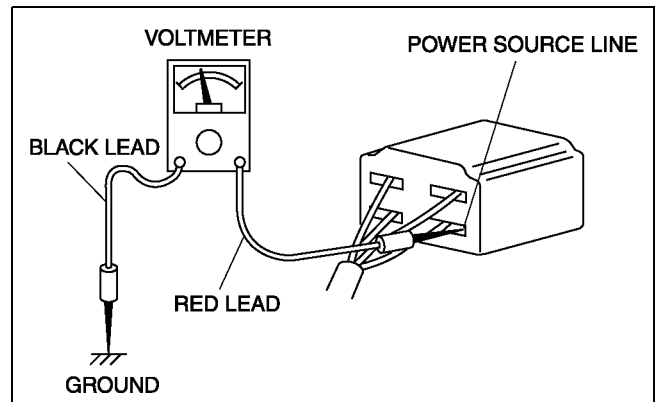
- Do not connect a jumper wire from the power source line to a body ground. This may cause burning or other damage to wiring harnesses or electronic components.**



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.



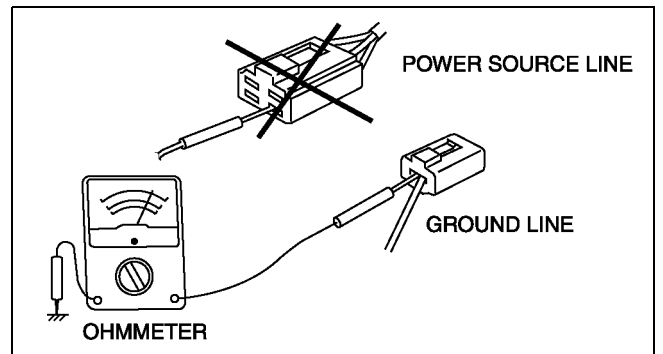
X3U000WBC

Ohmmeter

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

Caution

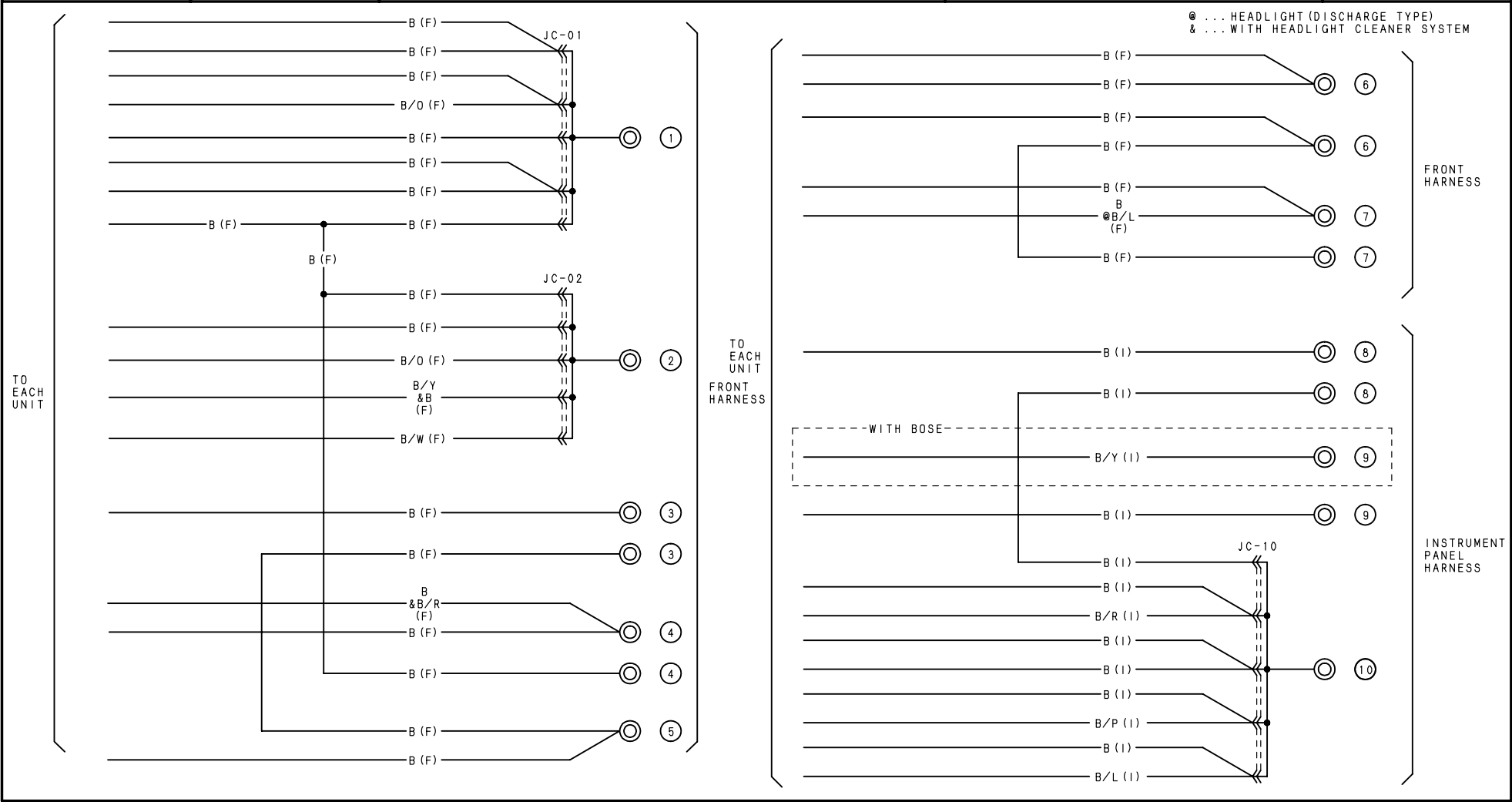
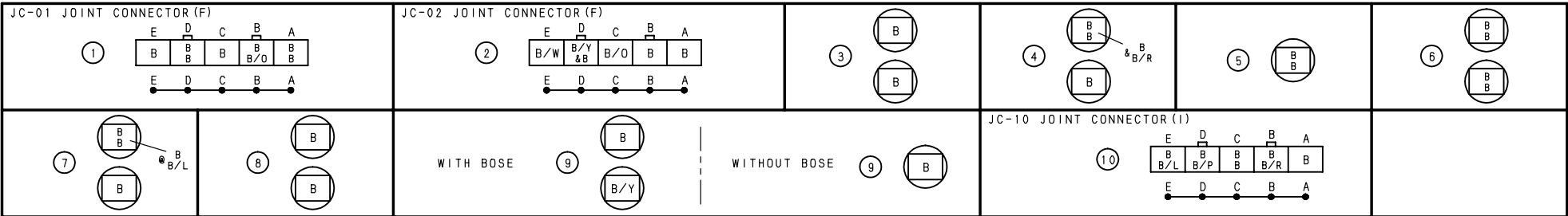
- Do not connect the ohmmeter to any circuit where voltage is applied. This will damage the ohmmeter.**






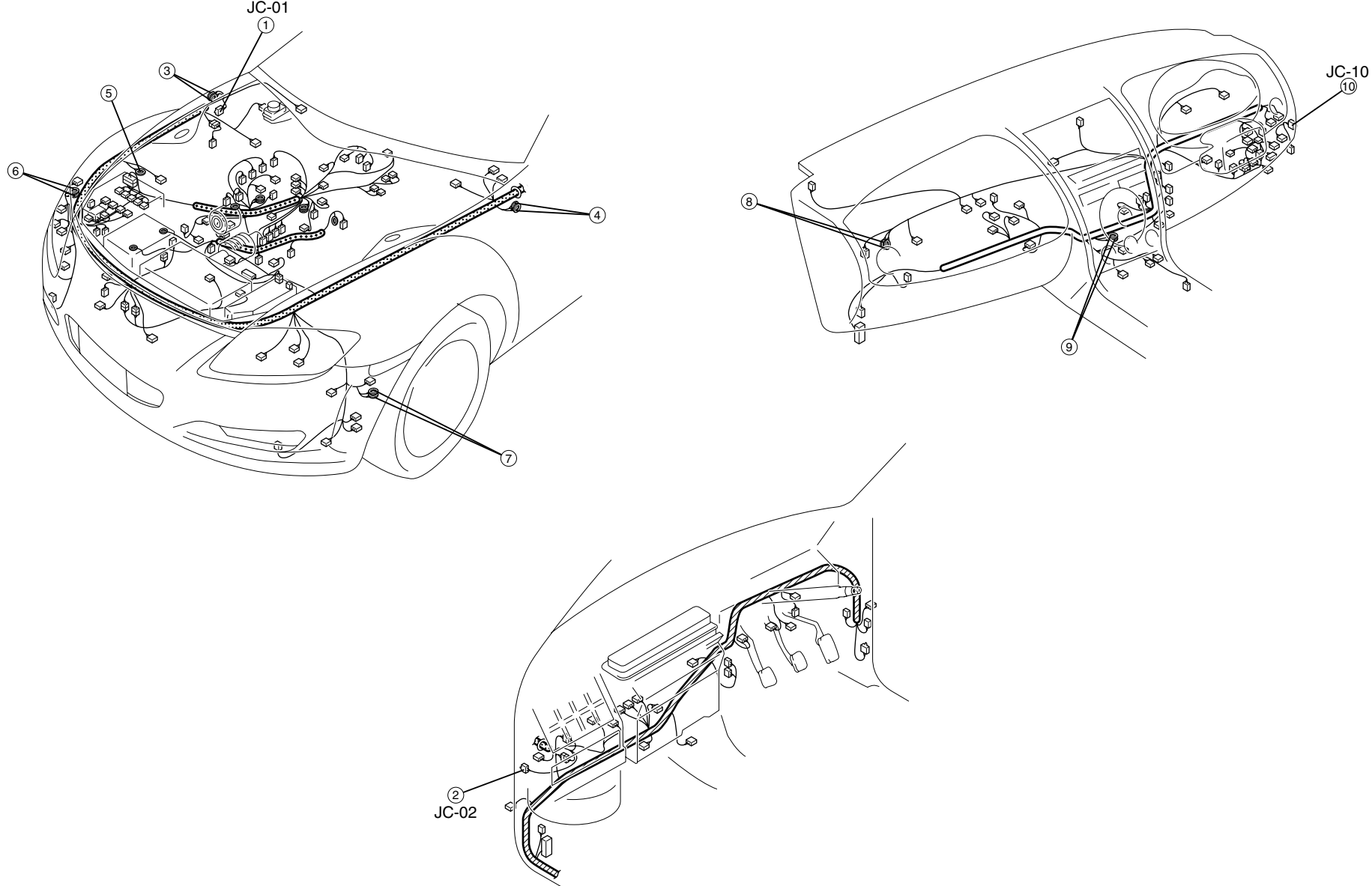
YMU000WAL

GROUND POINT

Y-a

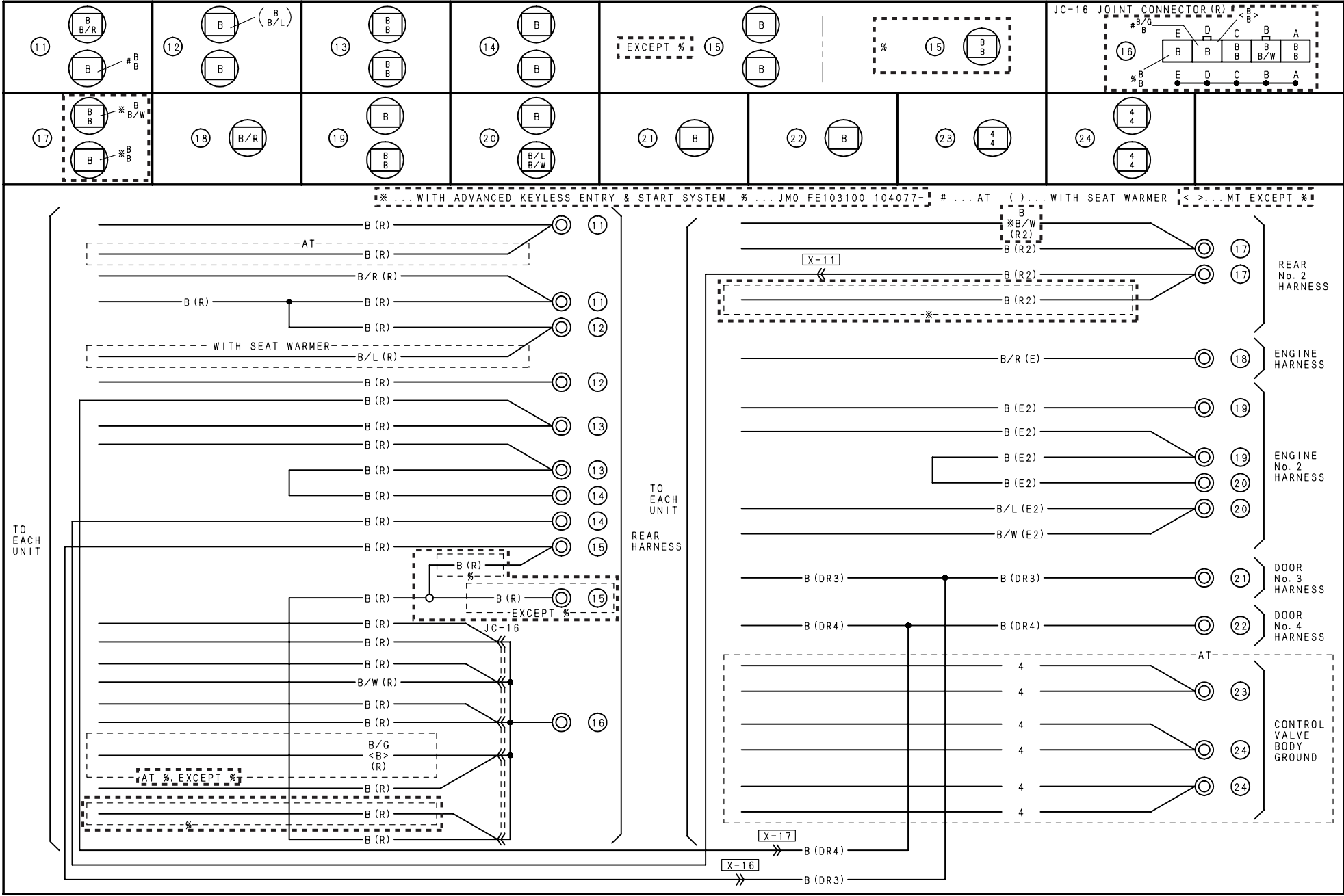





HARNESS SYMBOL:  (F)  (E)  (R)



GROUND POINT

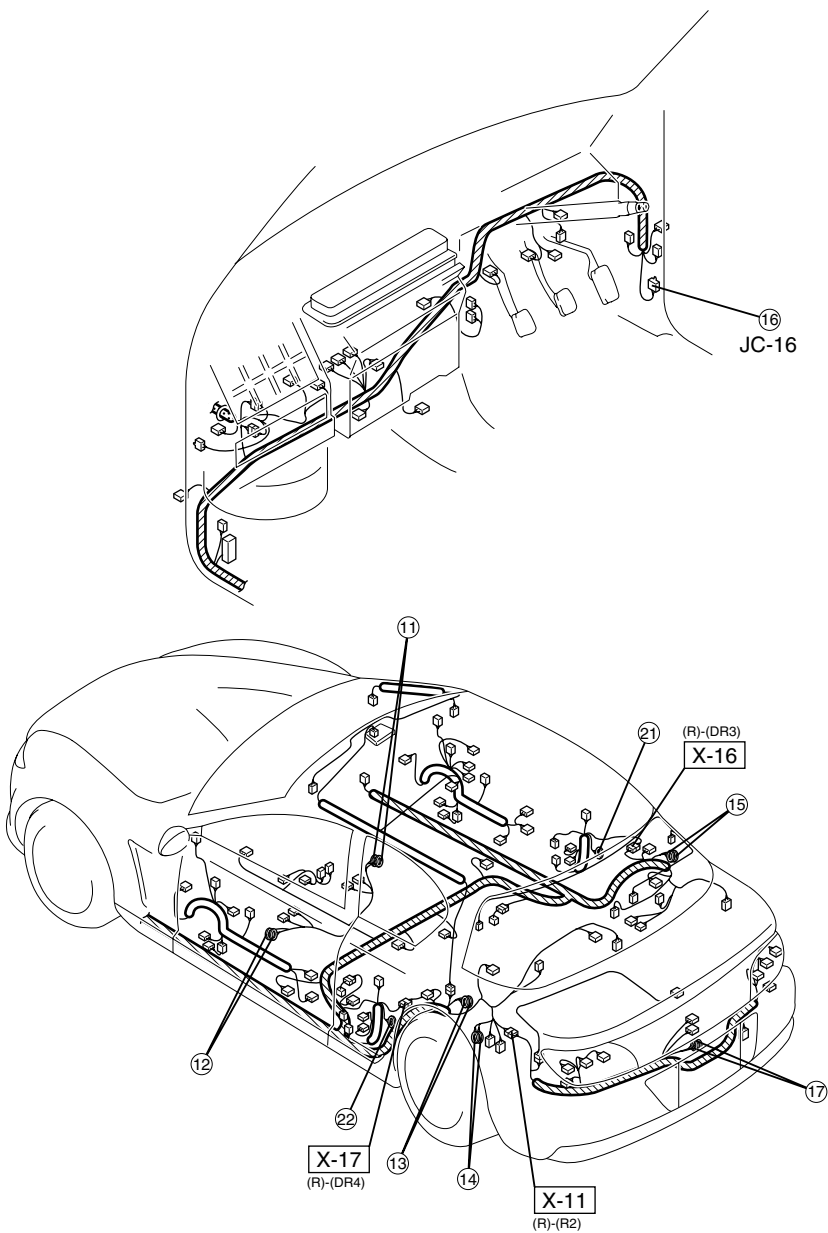
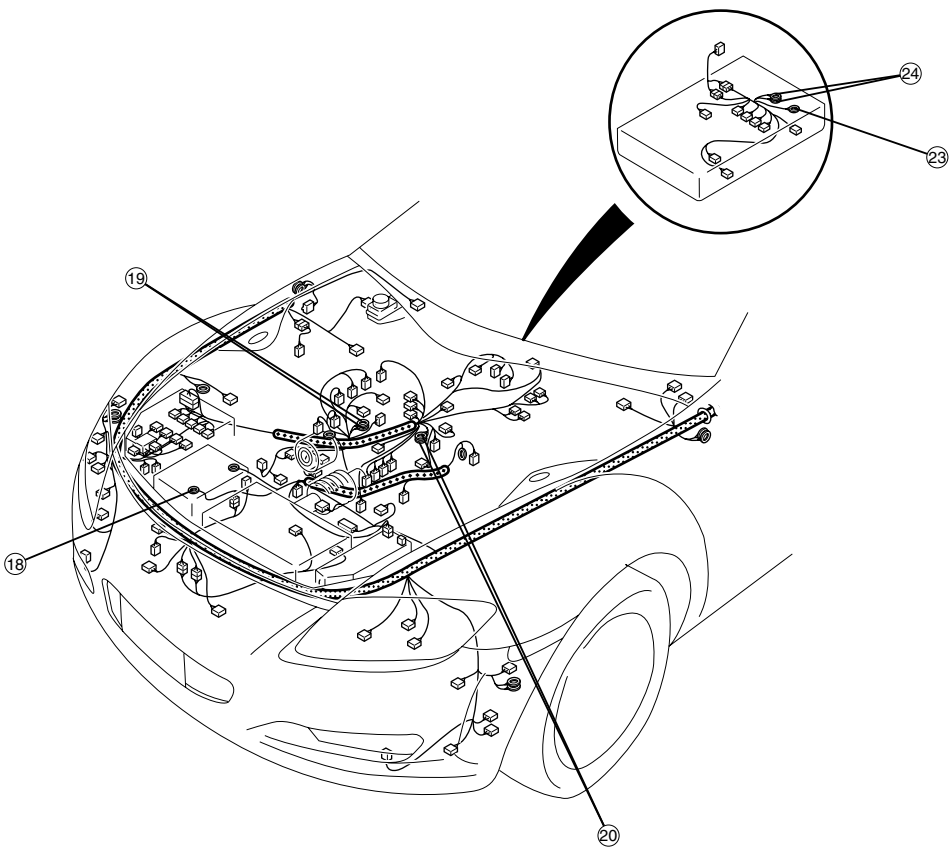
Y-b



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

19

[CONTROL VALVE BODY]



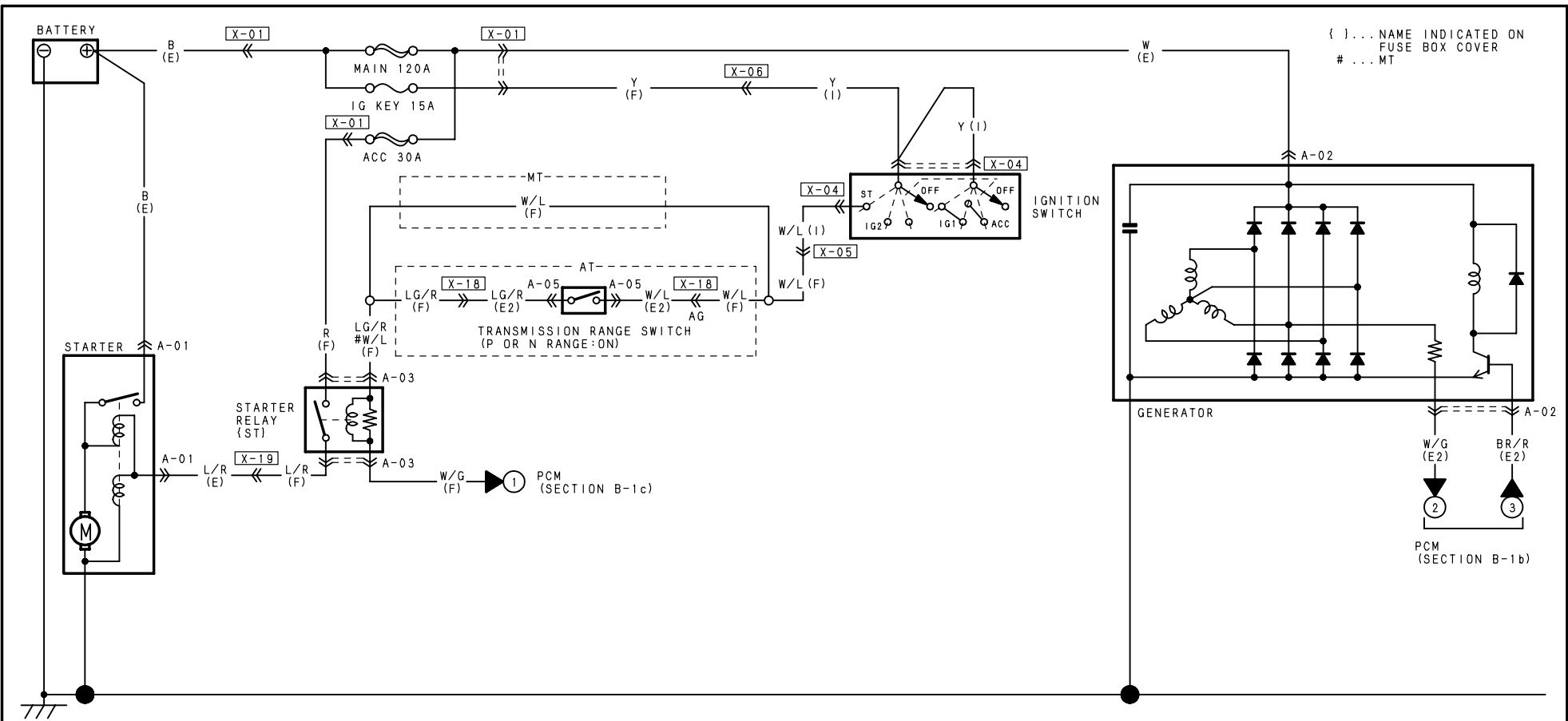
W






**THIS PAGE INTENTIONALLY
LEFT BLANK**

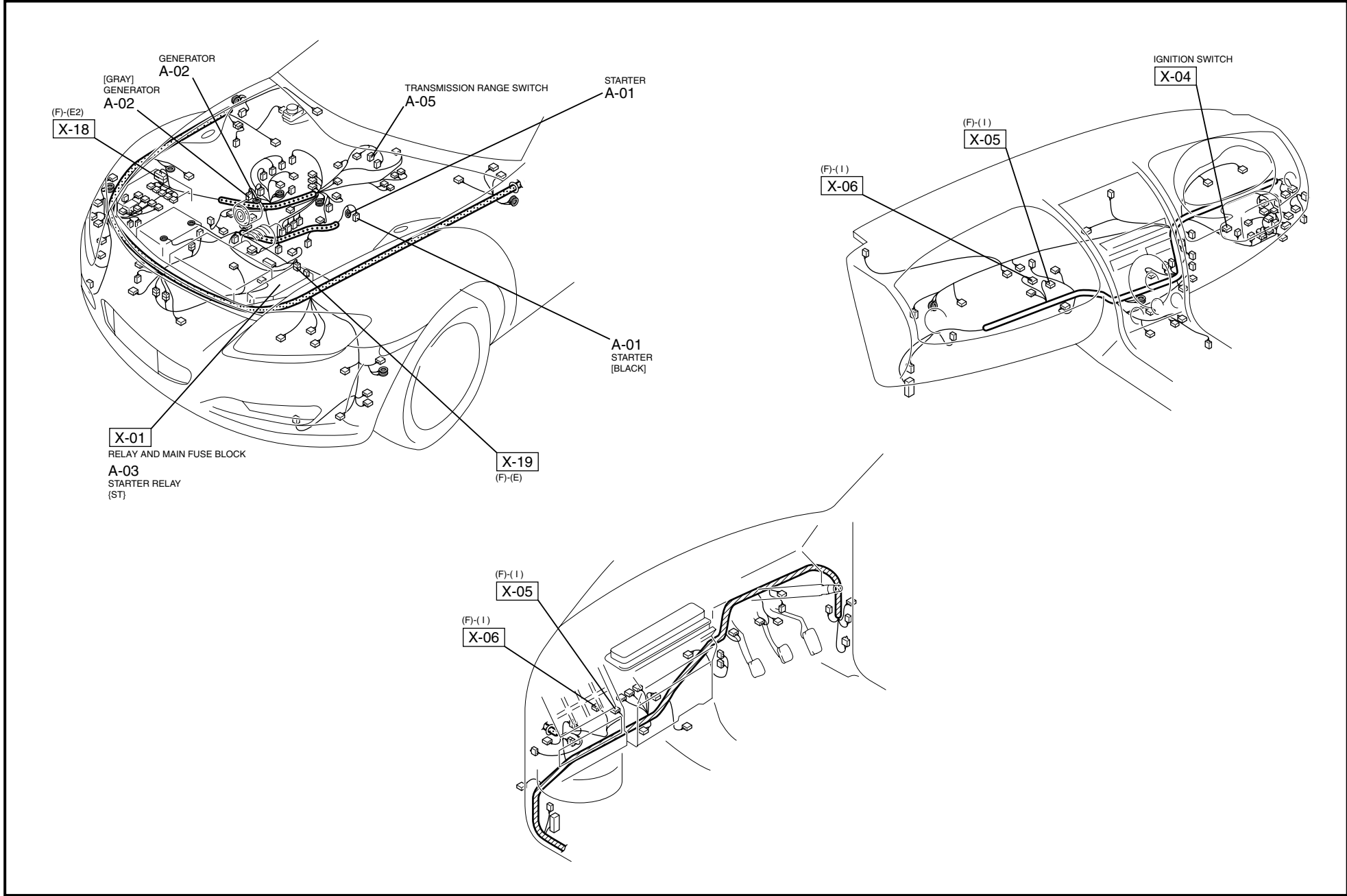
CHARGING SYSTEM / STARTING SYSTEM

A



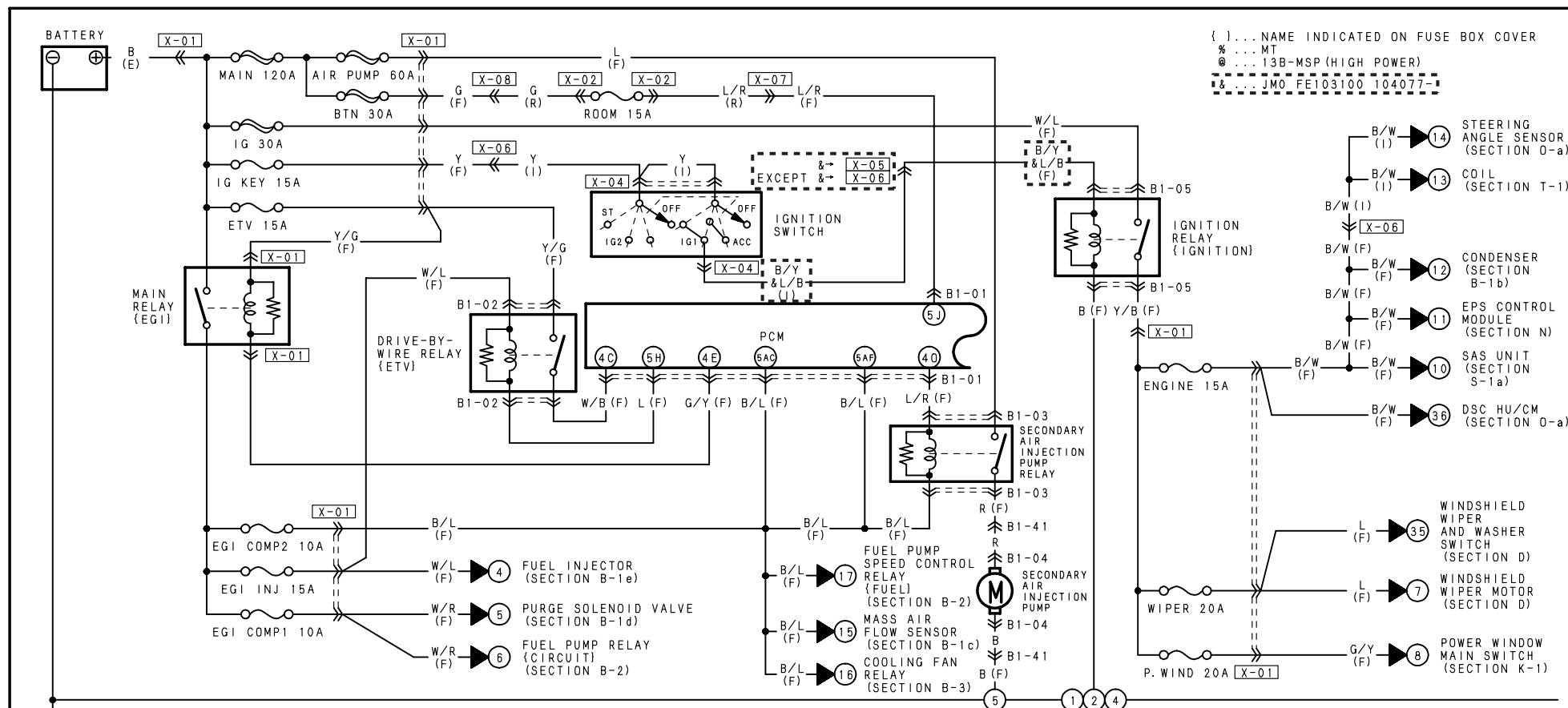
A-01 STARTER (E)		A-02 GENERATOR (E)		A-03 STARTER RELAY{ST} (F)		A-05 TRANSMISSION RANGE SWITCH (E2)	

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



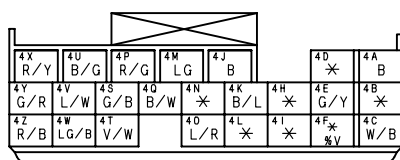
ENGINE CONTROL SYSTEM

B-1a

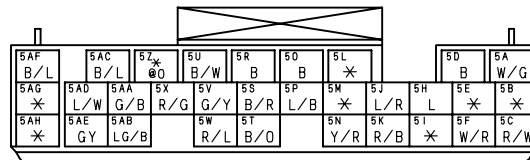


Mazda RX-8 Wiring Diagram (5574-1*-03D)

B1-01 PCM (F)

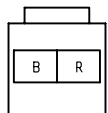


4J 4A



5AF 5AC 5R 5D

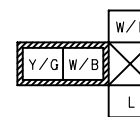
B1-04 SECONDARY AIR INJECTION PUMP (SHORT CORD)



B1-41 FRONT (F) - SHORT CORD (SHORT CORD)



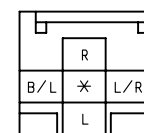
B1-02 DRIVE-BY-WIRE RELAY (ETV) (F)



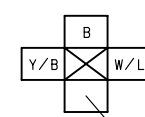
FRONT

NOTE: THIS IS THE CONNECTOR AS SEEN FROM THE TERMINAL SIDE.

B1-03 SECONDARY AIR INJECTION PUMP RELAY (F)



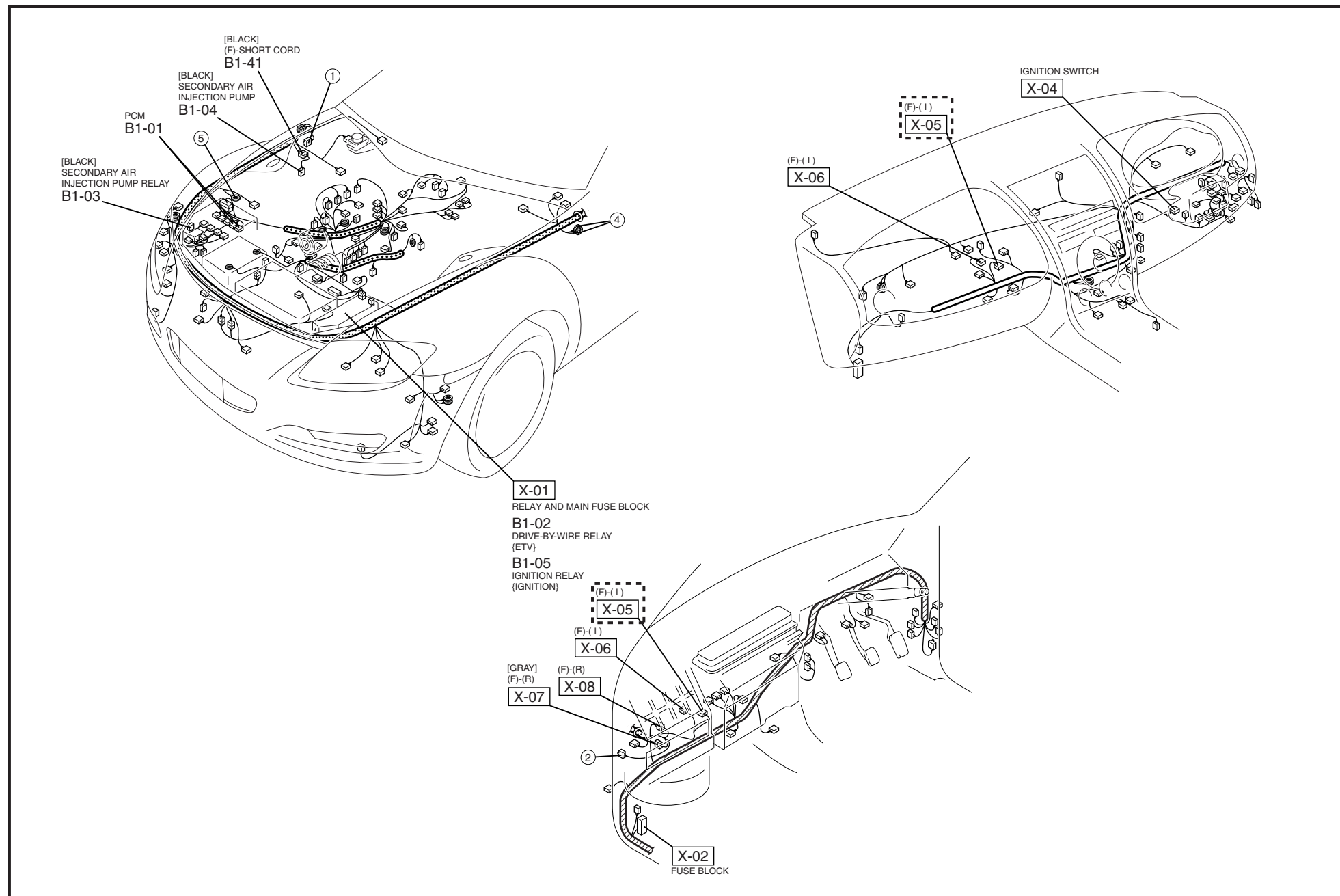
B1-05 IGNITION RELAY (IGNITION) (F)

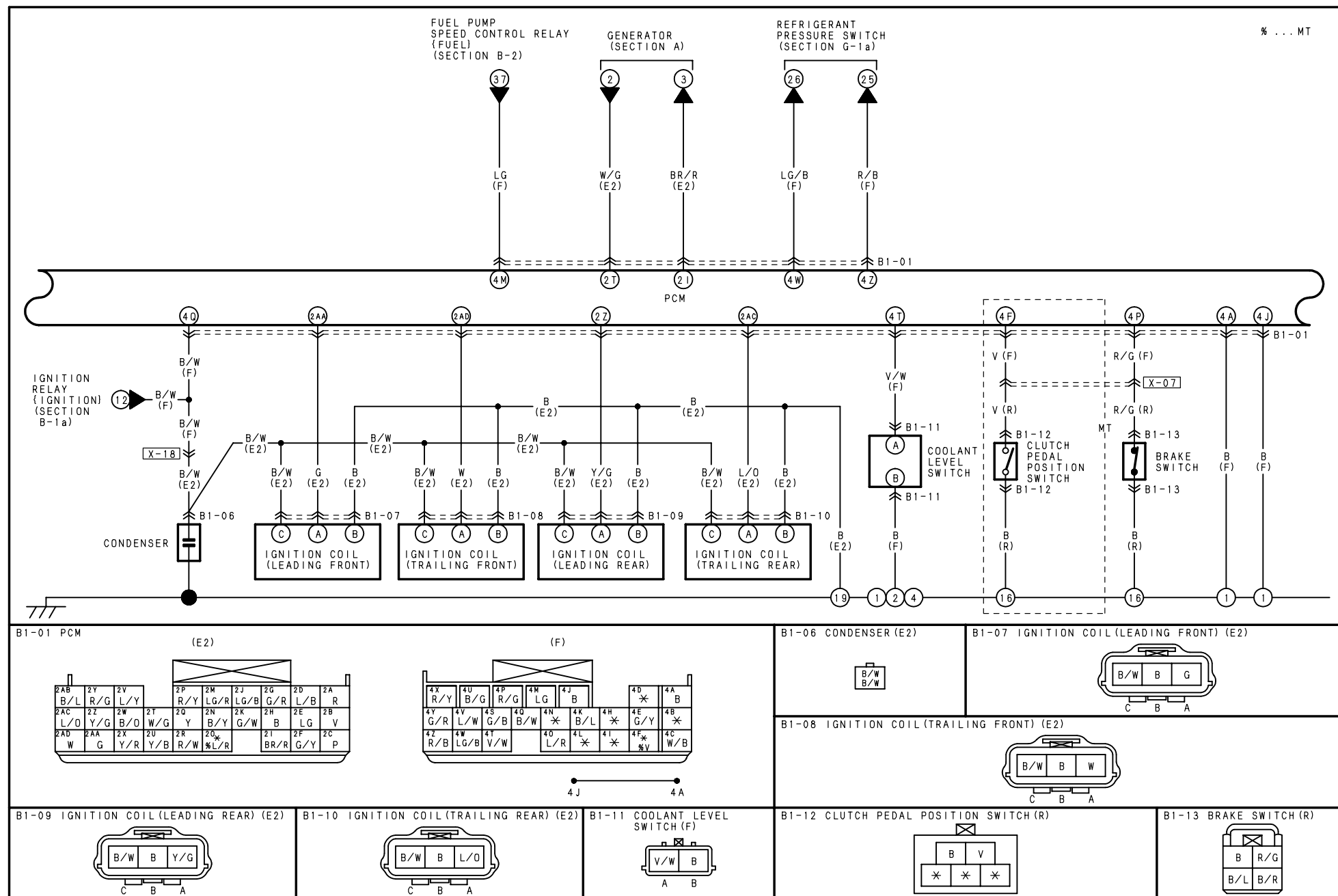





FRONT

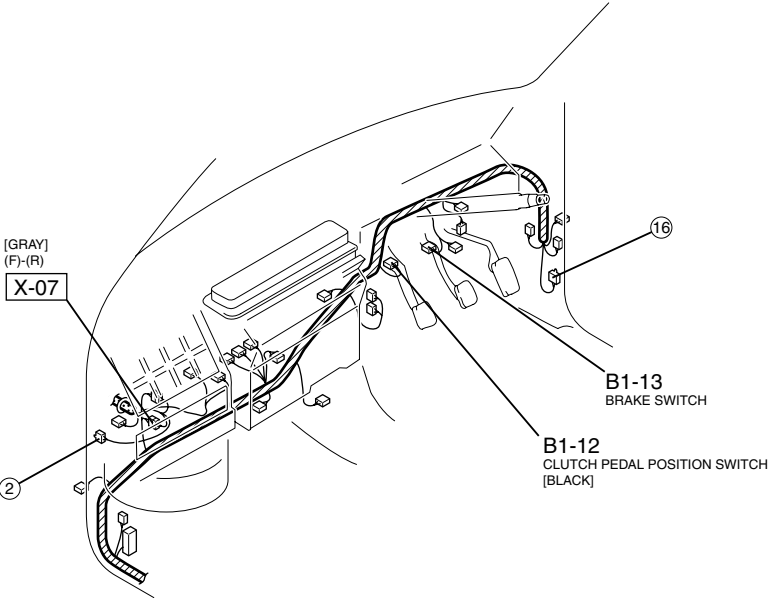
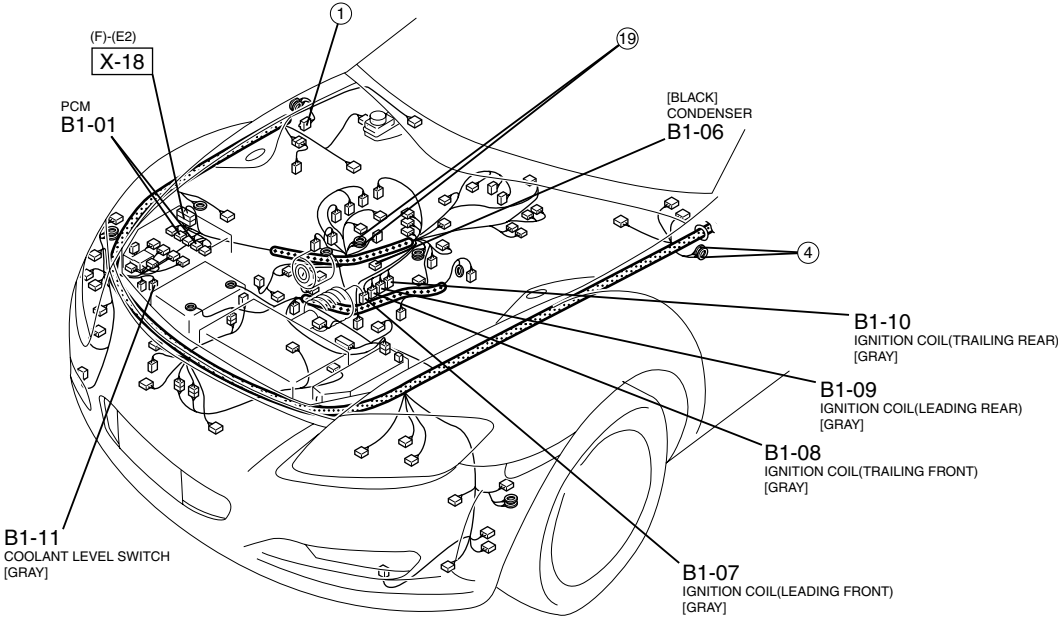
NOTE: THIS IS THE CONNECTOR AS SEEN FROM THE TERMINAL SIDE.

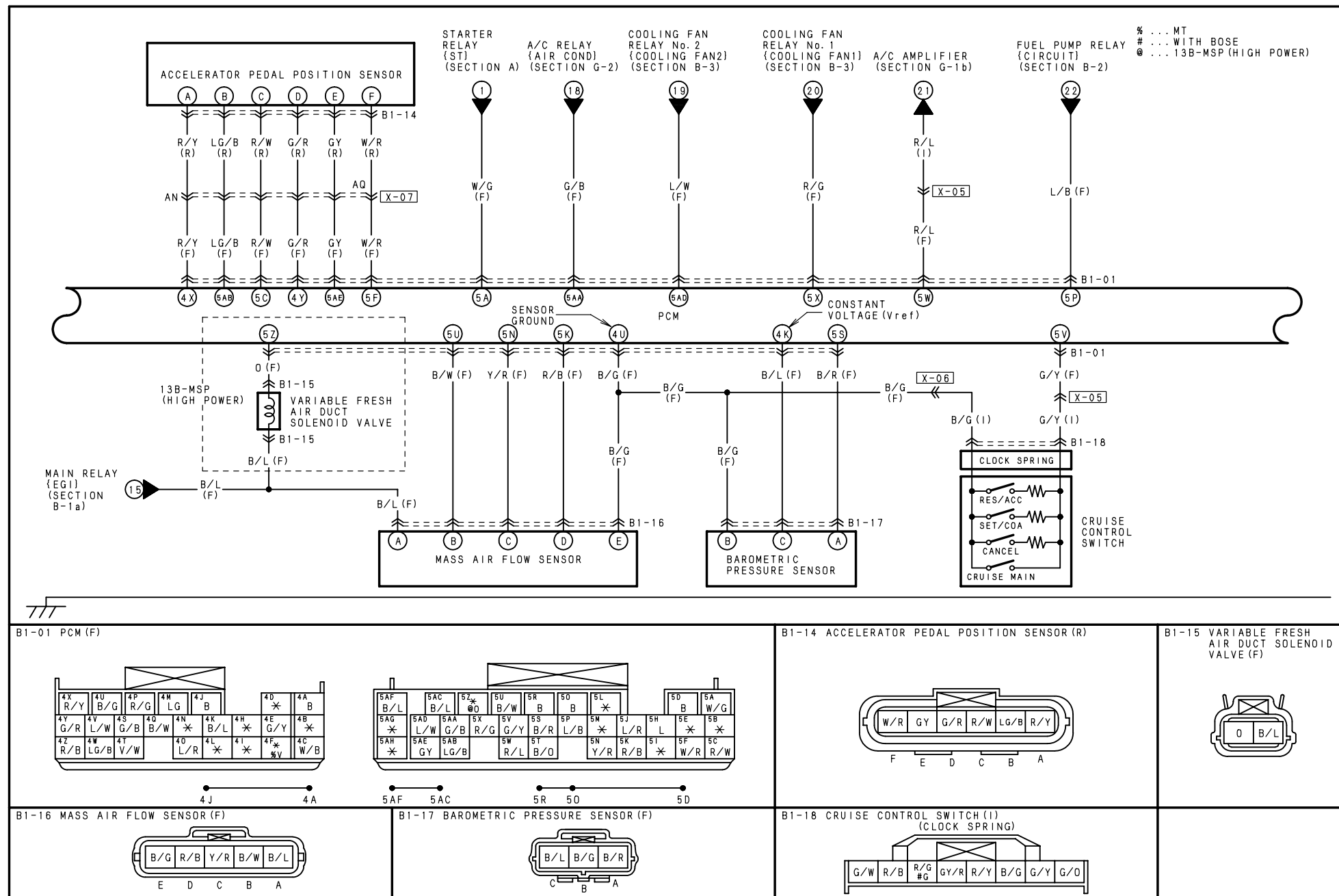
HARNESS SYMBOL:  (F)  (E)  (R)



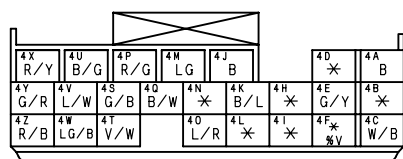


HARNESS SYMBOL:  (F)  (E)  (R)



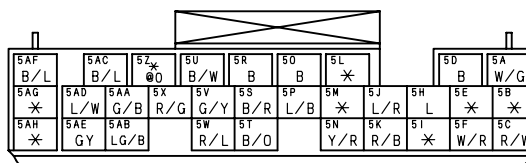
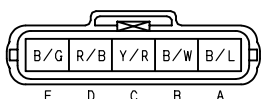


B1-01 PCM (F)



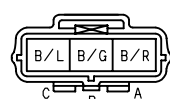
4J 4A

B1-16 MASS AIR FLOW SENSOR (F)

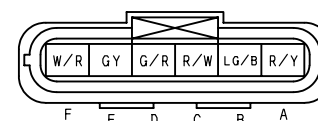


5AF 5AC 5R 50 5D

B1-17 BAROMETRIC PRESSURE SENSOR (F)

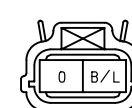


B1-14 ACCELERATOR PEDAL POSITION SENSOR (R)

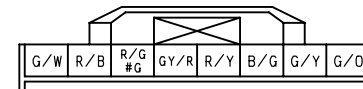




F E D C B A

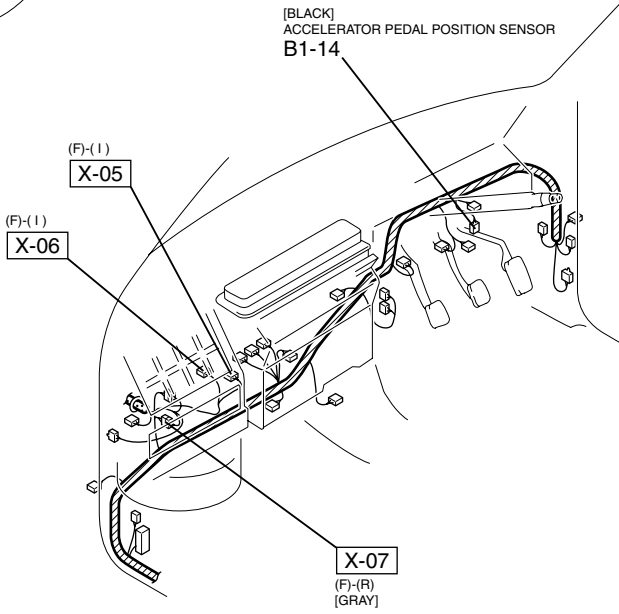
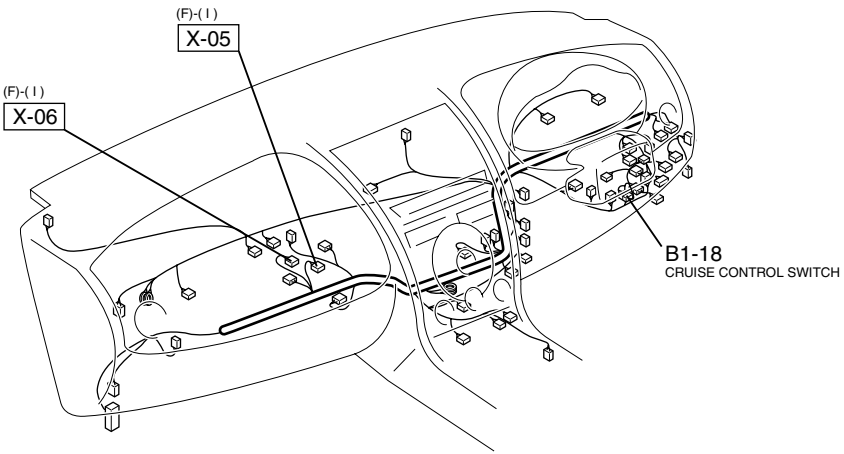
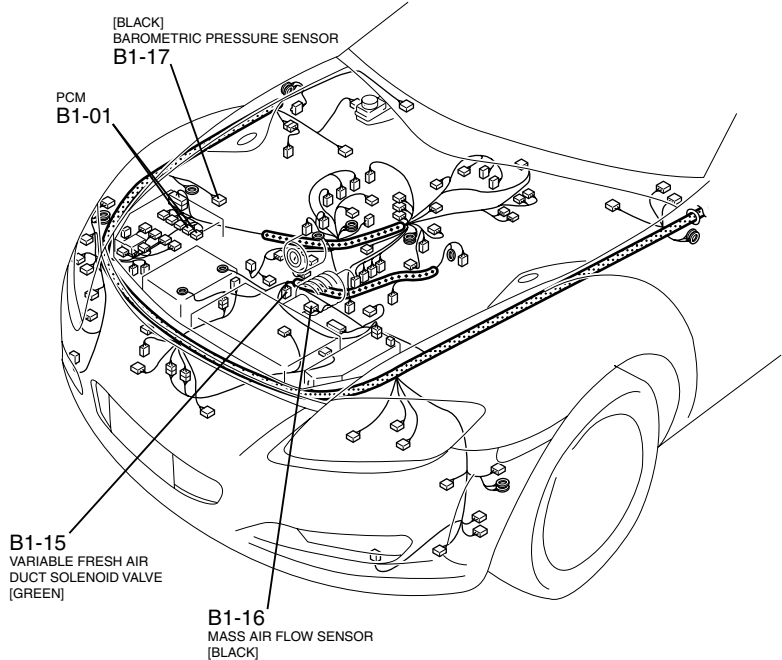
B1-15 VARIABLE FRESH AIR DUCT SOLENOID VALVE (F)

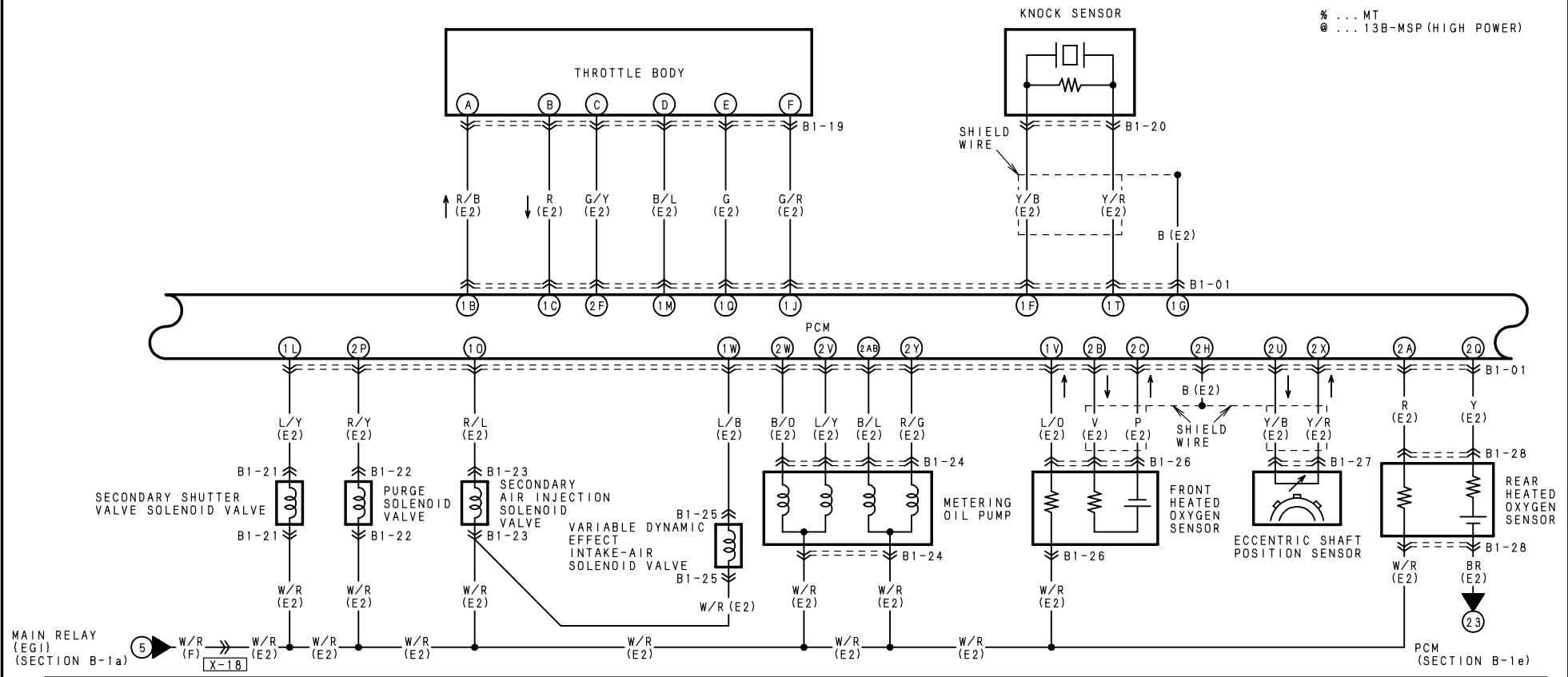


B1-18 CRUISE CONTROL SWITCH (I) (CLOCK SPRING)

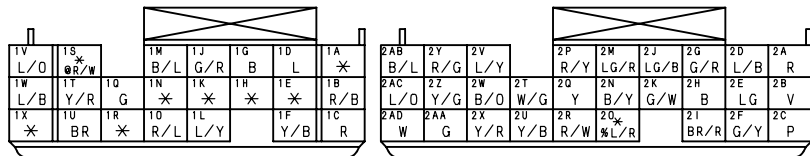


HARNESS SYMBOL:  (F)  (E)  (R)

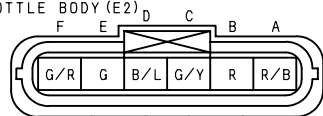




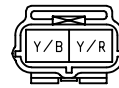
B1-01 PCM (E2)



B1-19 THROTTLE BODY (E2)



B1-20 KNOCK SENSOR (E2)



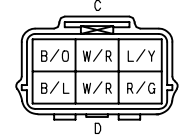
B1-21 SECONDARY SHUTTER VALVE SOLENOID VALVE (E2)



B1-22 PURGE SOLENOID VALVE (E2)



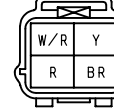
B1-24 METERING OIL PUMP (E2)



B1-26 FRONT HEATED OXYGEN SENSOR (E2)



B1-28 REAR HEATED OXYGEN SENSOR (E2)



B1-23 SECONDARY AIR INJECTION SOLENOID VALVE (E2)






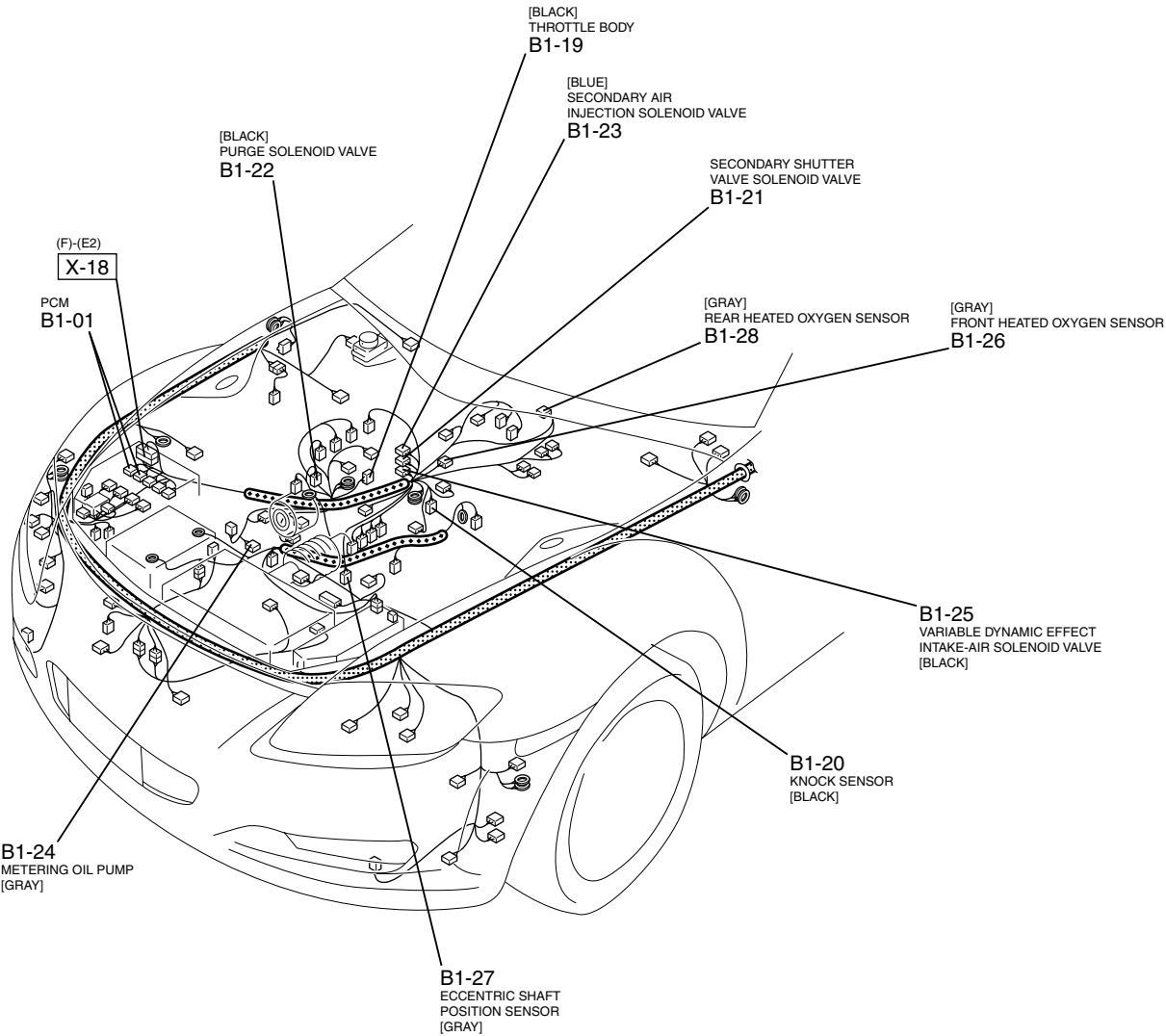
B1-25 VARIABLE DYNAMIC EFFECT INTAKE-AIR SOLENOID VALVE (E2)



B1-27 ECCENTRIC SHAFT POSITION SENSOR (E2)





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

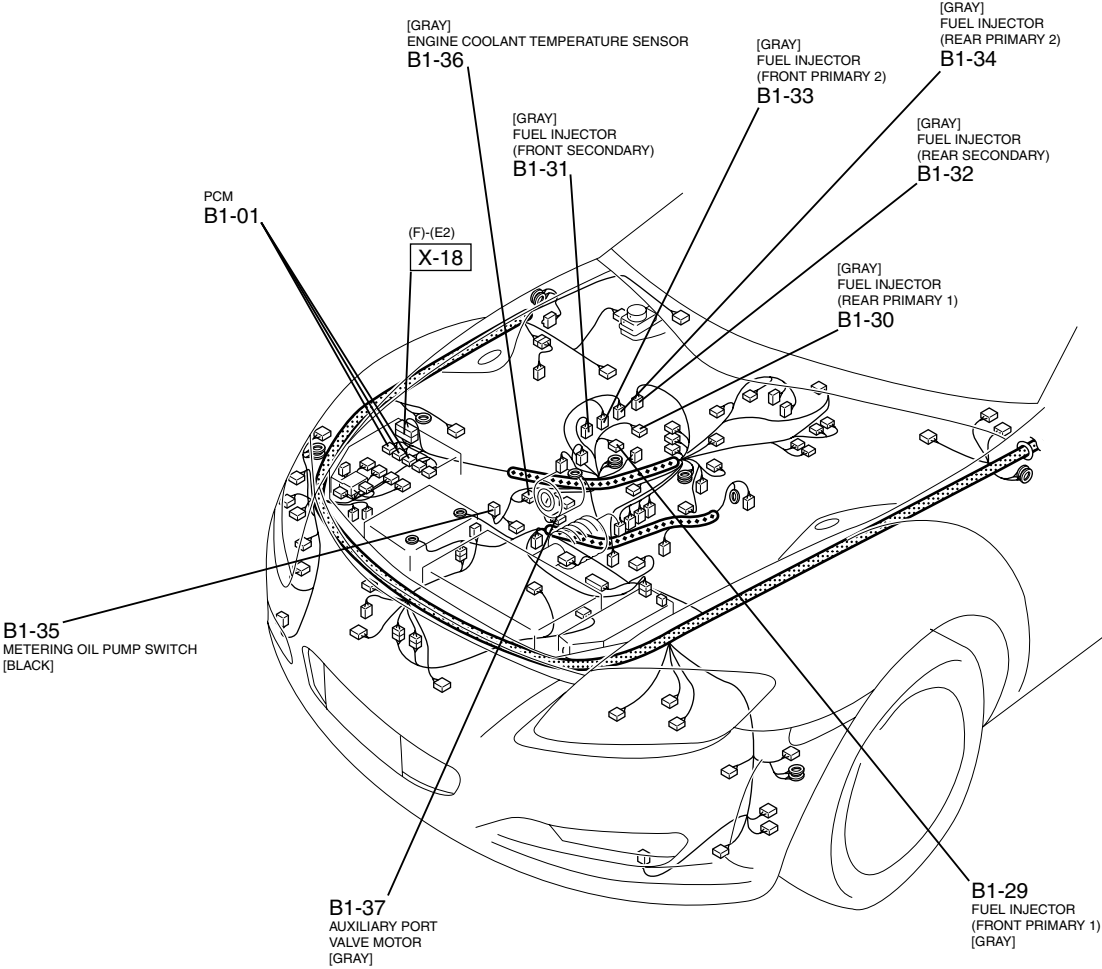


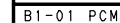





B1-01 PCM (E2)			B1-29 FUEL INJECTOR (FRONT PRIMARY 1) (E2)			B1-30 FUEL INJECTOR (REAR PRIMARY 1) (E2)			B1-31 FUEL INJECTOR (FRONT SECONDARY) (E2)		
B1-34 FUEL INJECTOR (REAR PRIMARY 2) (E2)			B1-35 METERING OIL PUMP SWITCH (E2)			B1-36 ENGINE COOLANT TEMPERATURE SENSOR (E2)			B1-32 FUEL INJECTOR (REAR SECONDARY) (E2)		
									B1-33 FUEL INJECTOR (FRONT PRIMARY 2) (E2)		
									B1-37 AUXILIARY PORT VALVE MOTOR (E2)		

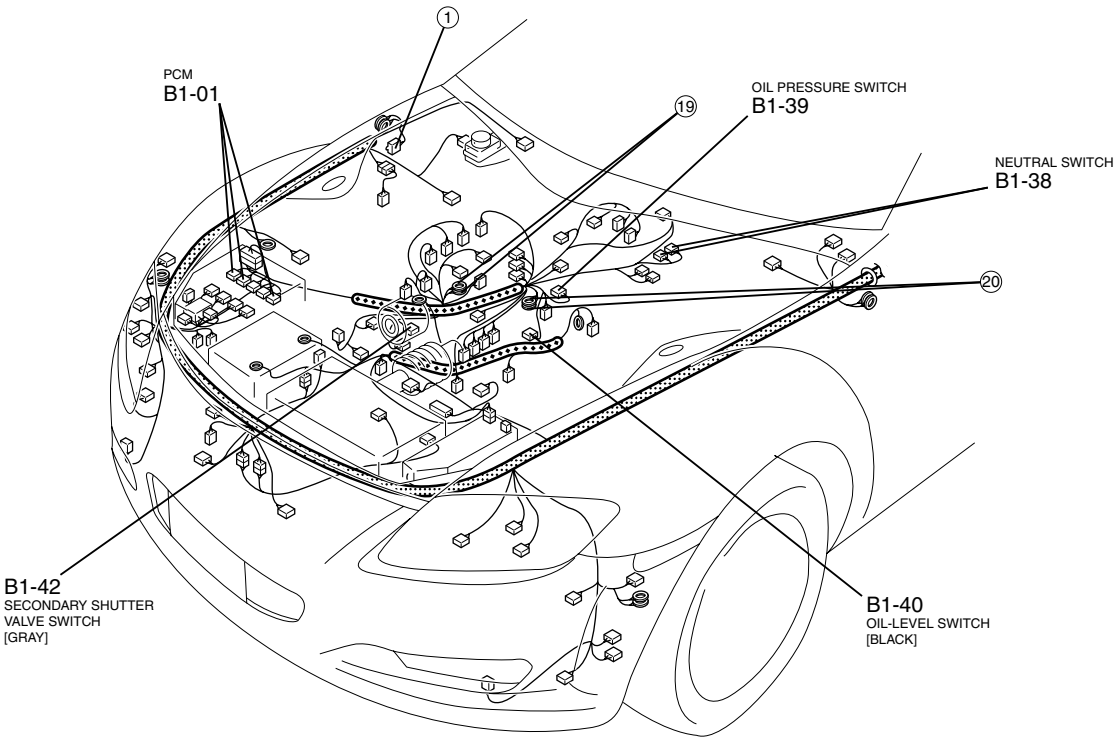
HARNESS SYMBOL:  (F)  (E)  (R)

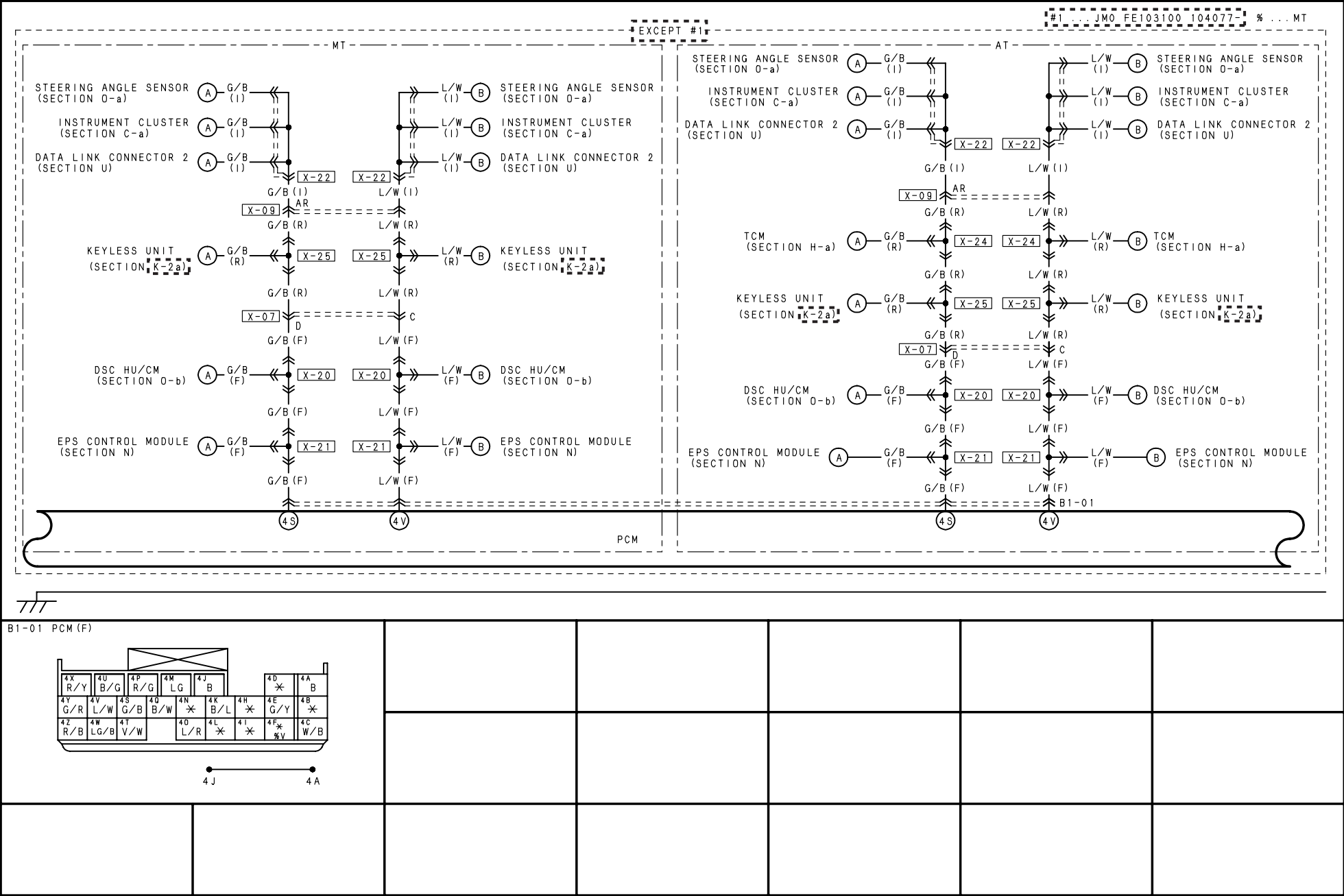
33








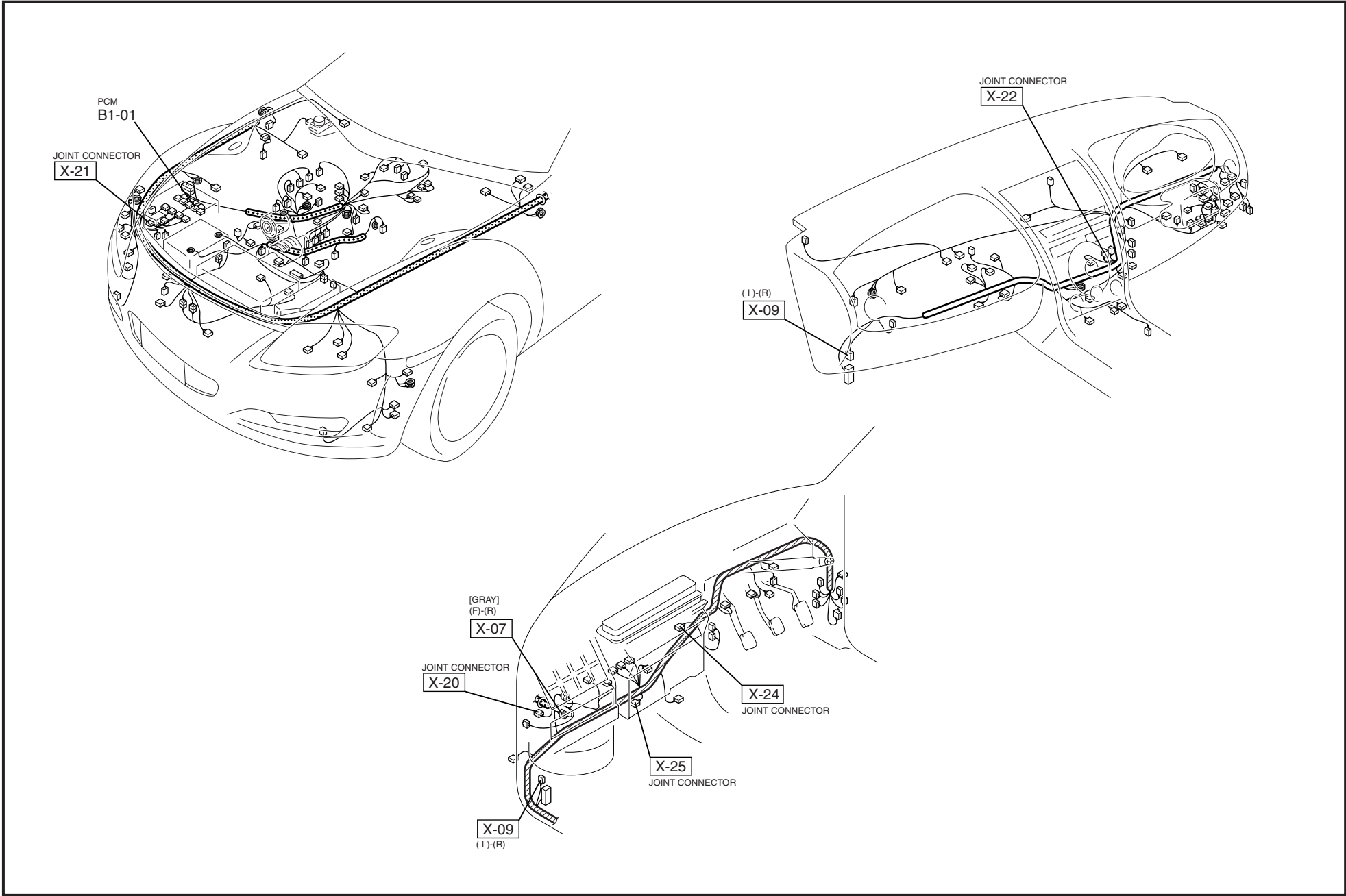
HARNESS SYMBOL:  (F)  (E)  (R)

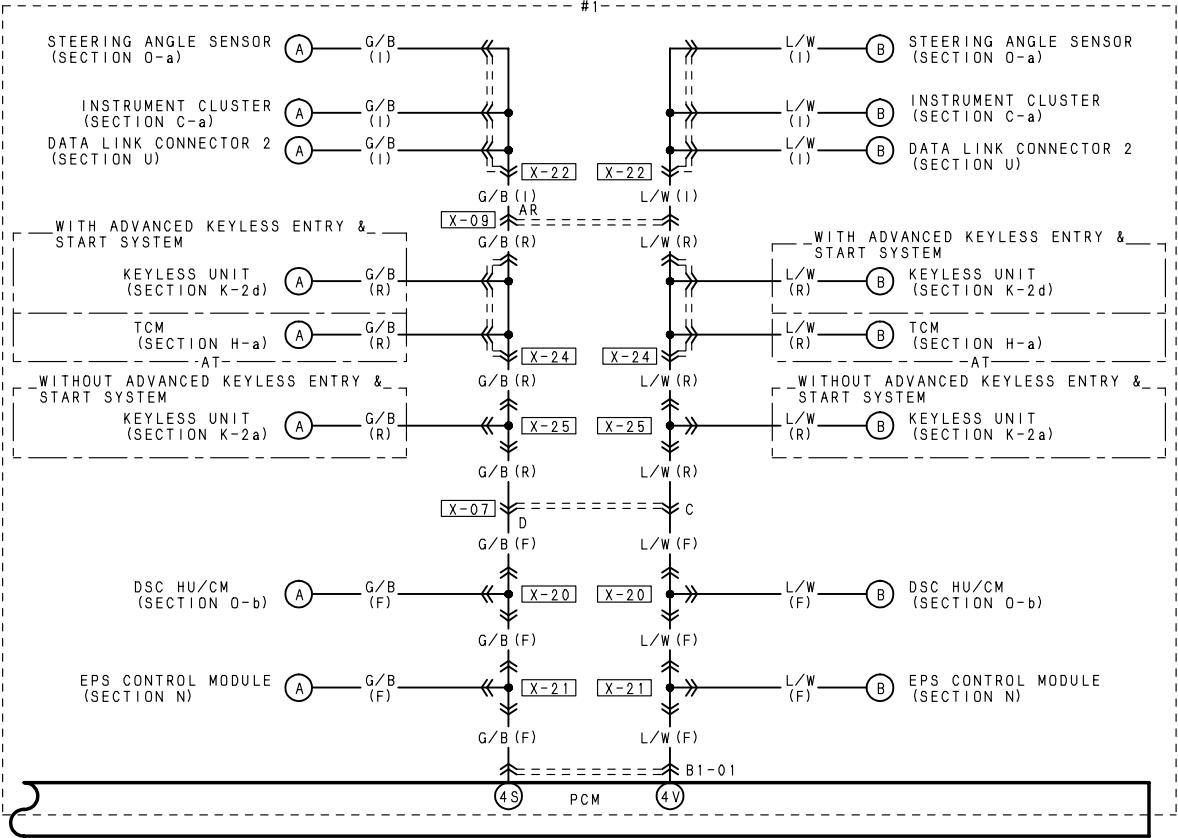




HARNESS SYMBOL:  (F)  (E)  (R)

36-1

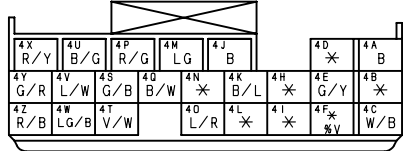






#1 ... JM0 FE103100 104077-
% ... MT

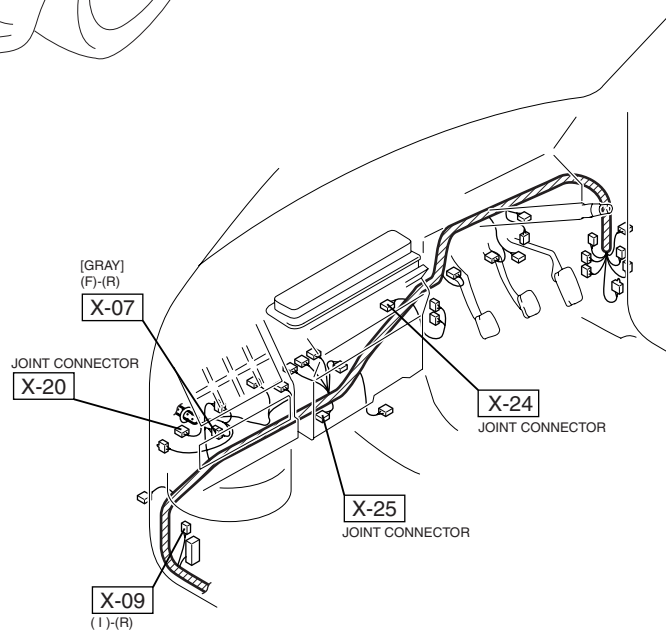
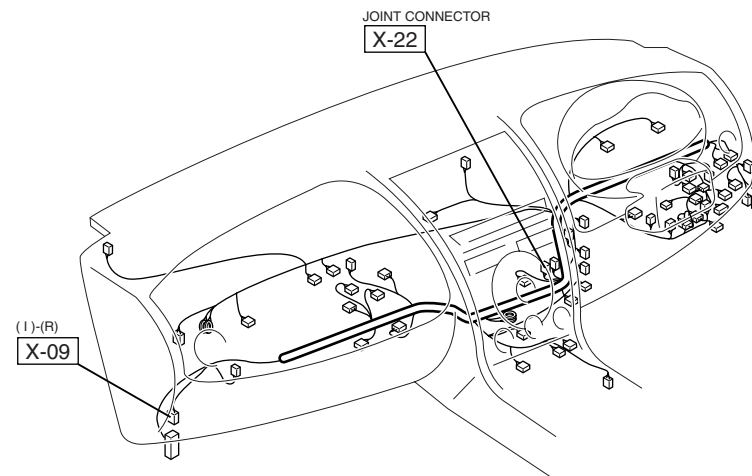
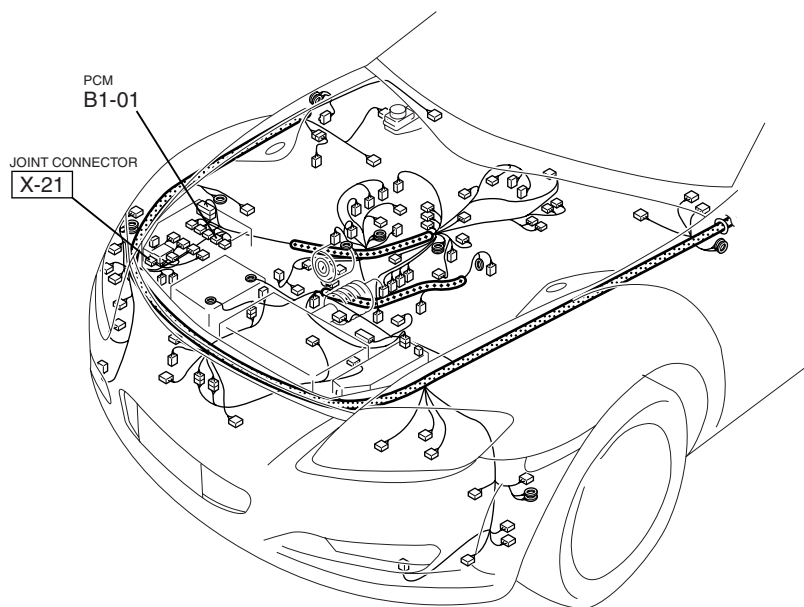
777

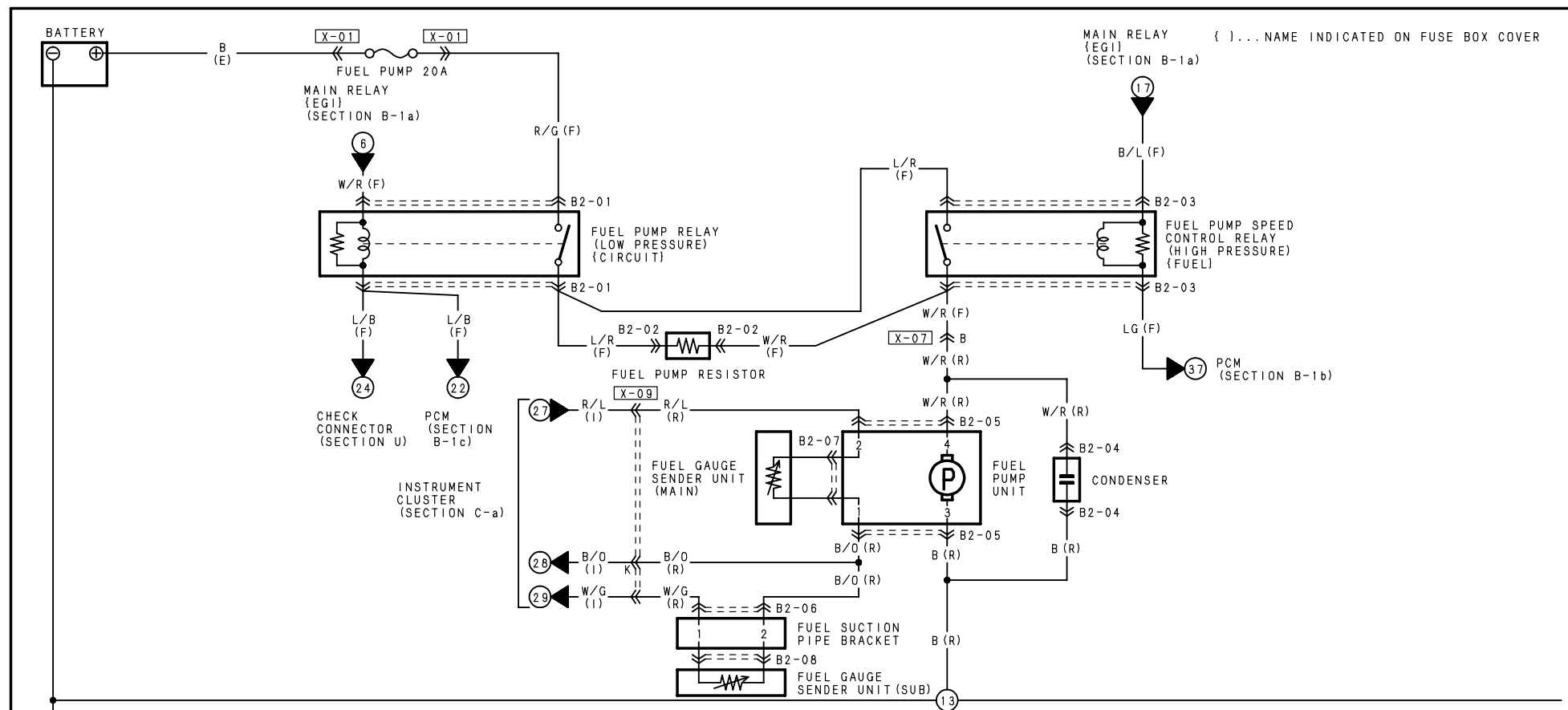
B1-01 PCM (F)




4 J 4 A

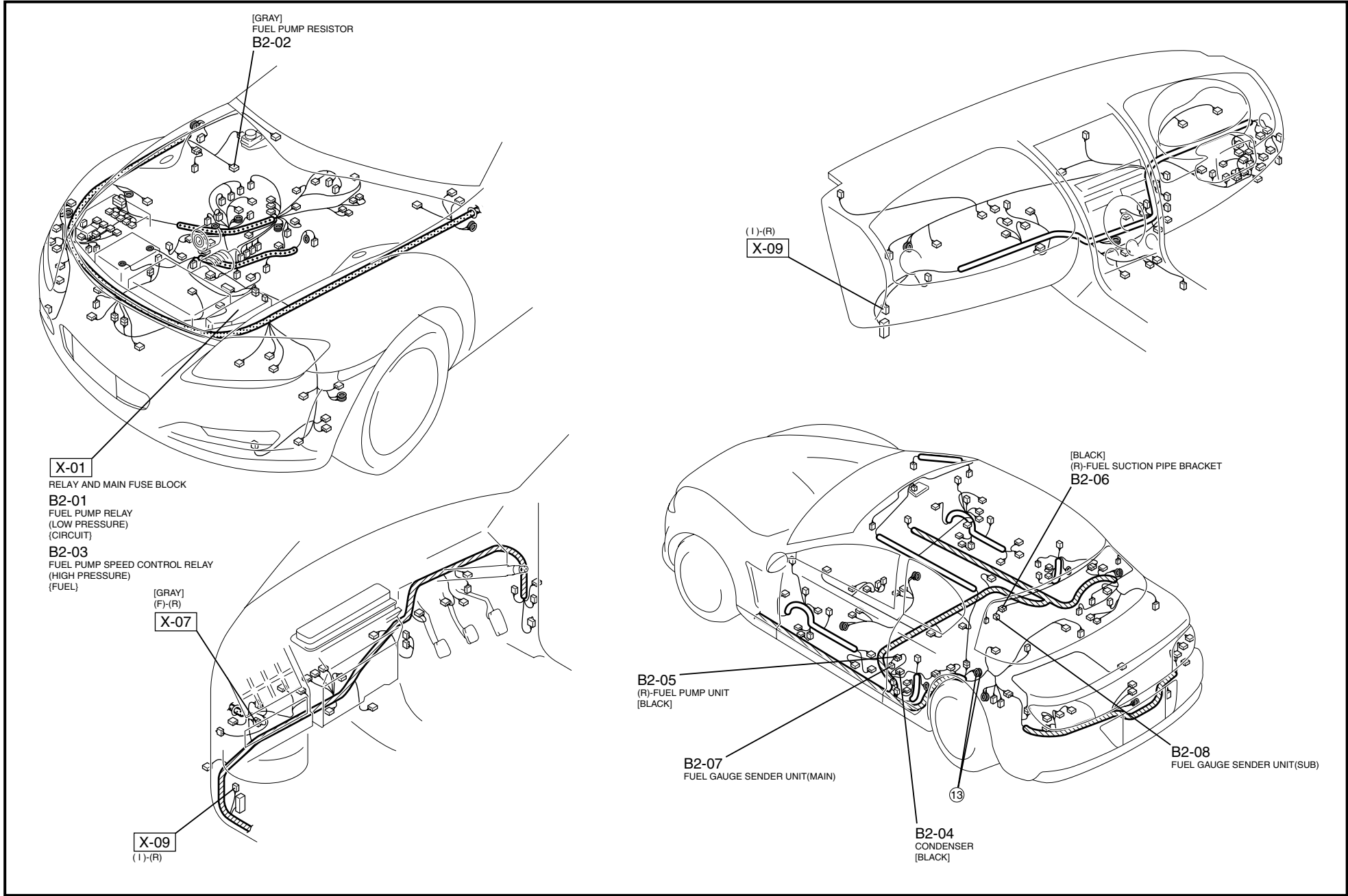
HARNESS SYMBOL:  (F)  (E)  (R)

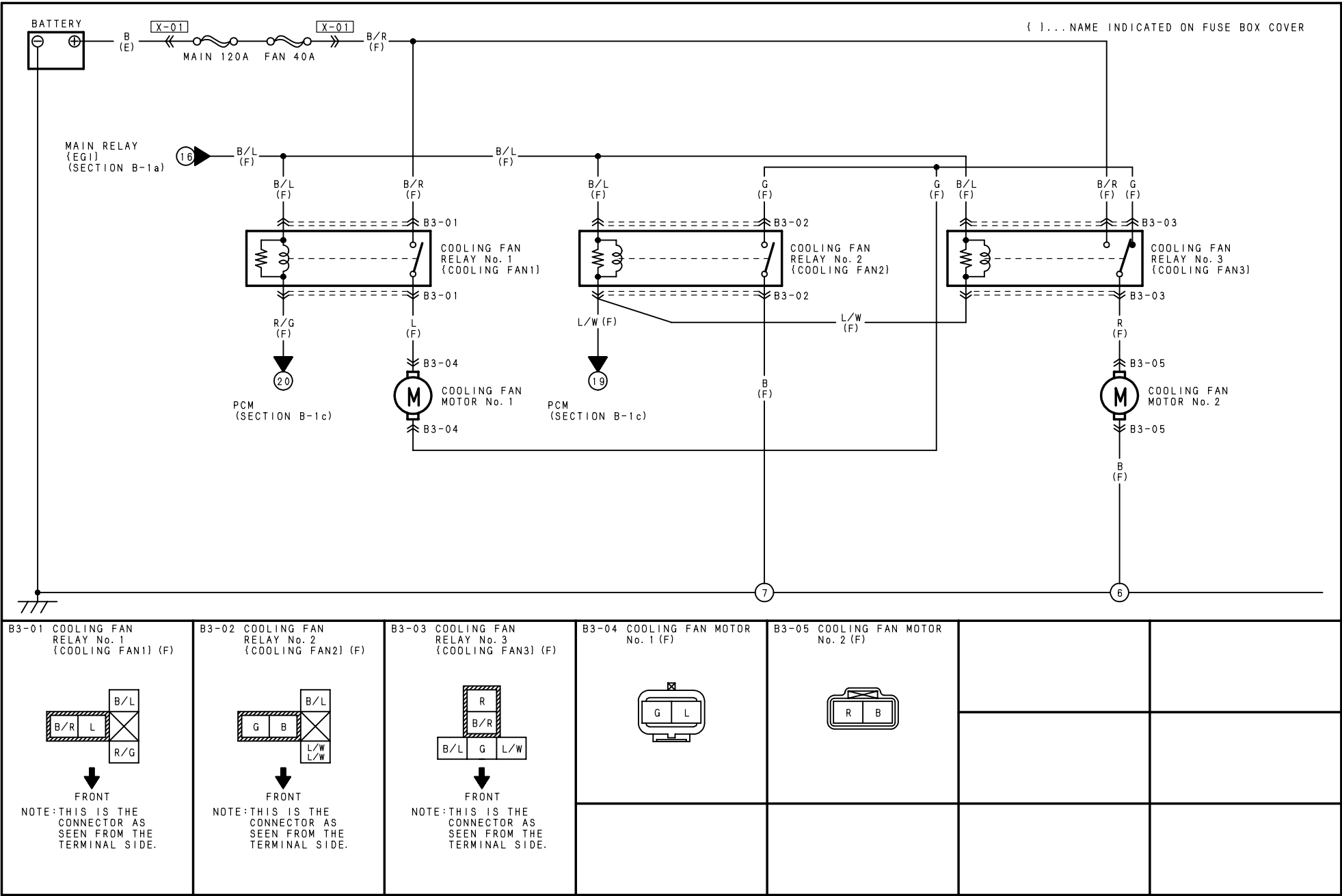







B2-01 FUEL PUMP RELAY (LOW PRESSURE) (CIRCUIT) (F) FRONT NOTE: THIS IS THE CONNECTOR AS SEEN FROM THE TERMINAL SIDE.	B2-02 FUEL PUMP RESISTOR (F) 	B2-03 FUEL PUMP SPEED CONTROL RELAY (HIGH PRESSURE) (FUEL) (F) FRONT NOTE: THIS IS THE CONNECTOR AS SEEN FROM THE TERMINAL SIDE.	B2-05 REAR (R) - FUEL PUMP UNIT (FUEL PUMP UNIT) TERMINALS OF THIS CONNECTOR ARE INDICATED BY NUMBERS. NOTE: THIS IS THE CONNECTOR AS SEEN FROM THE TERMINAL SIDE.	B2-06 REAR (R) - FUEL SUCTION PIPE BRACKET (FUEL SUCTION PIPE BRACKET) TERMINALS OF THIS CONNECTOR ARE INDICATED BY NUMBERS. NOTE: THIS IS THE CONNECTOR AS SEEN FROM THE TERMINAL SIDE.
B2-04 CONDENSER (R) 	B2-07 FUEL GAUGE SENDER UNIT (MAIN) (FUEL PUMP UNIT) TERMINALS OF THIS CONNECTOR ARE INDICATED BY NUMBERS. NOTE: THIS IS THE CONNECTOR AS SEEN FROM THE TERMINAL SIDE.	B2-08 FUEL GAUGE SENDER UNIT (SUB) (FUEL SUCTION PIPE BRACKET) TERMINALS OF THIS CONNECTOR ARE INDICATED BY NUMBERS. NOTE: THIS IS THE CONNECTOR AS SEEN FROM THE TERMINAL SIDE.		

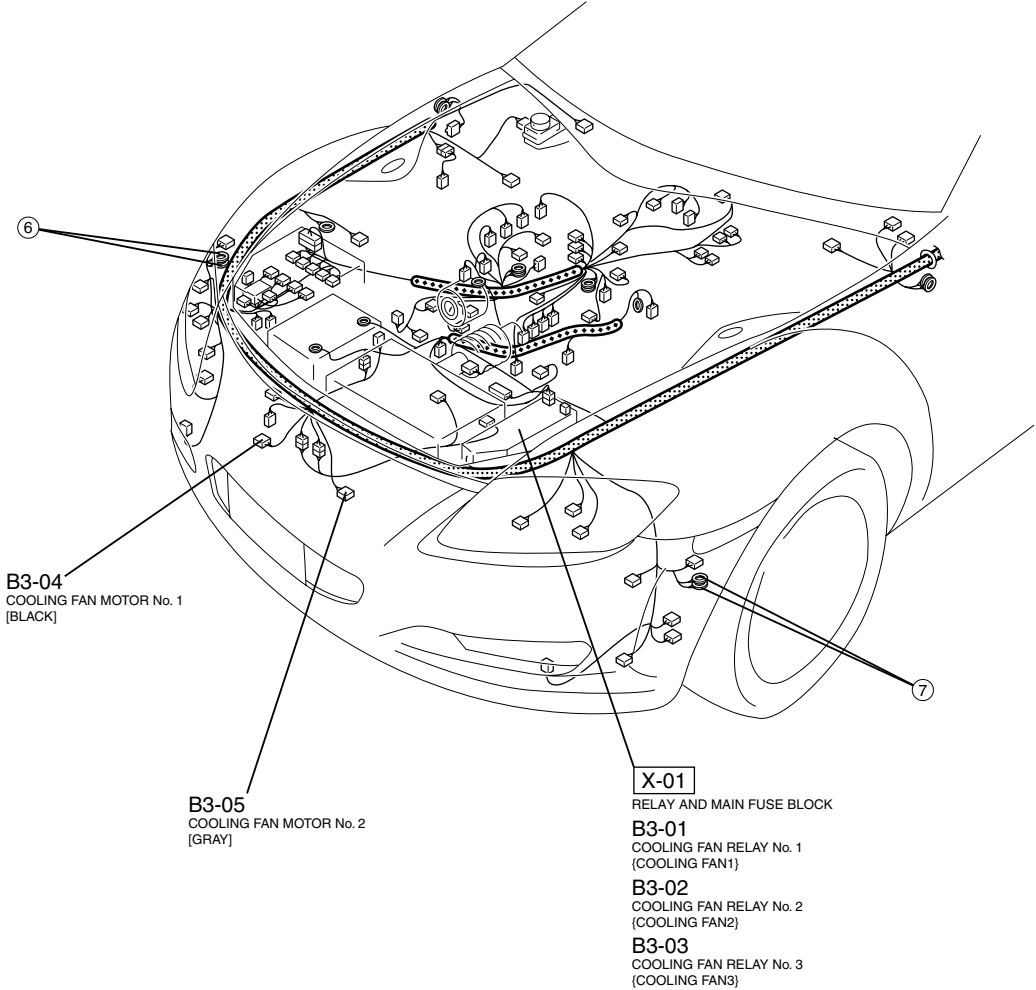
HARNESS SYMBOL:  (F)  (E)  (R)

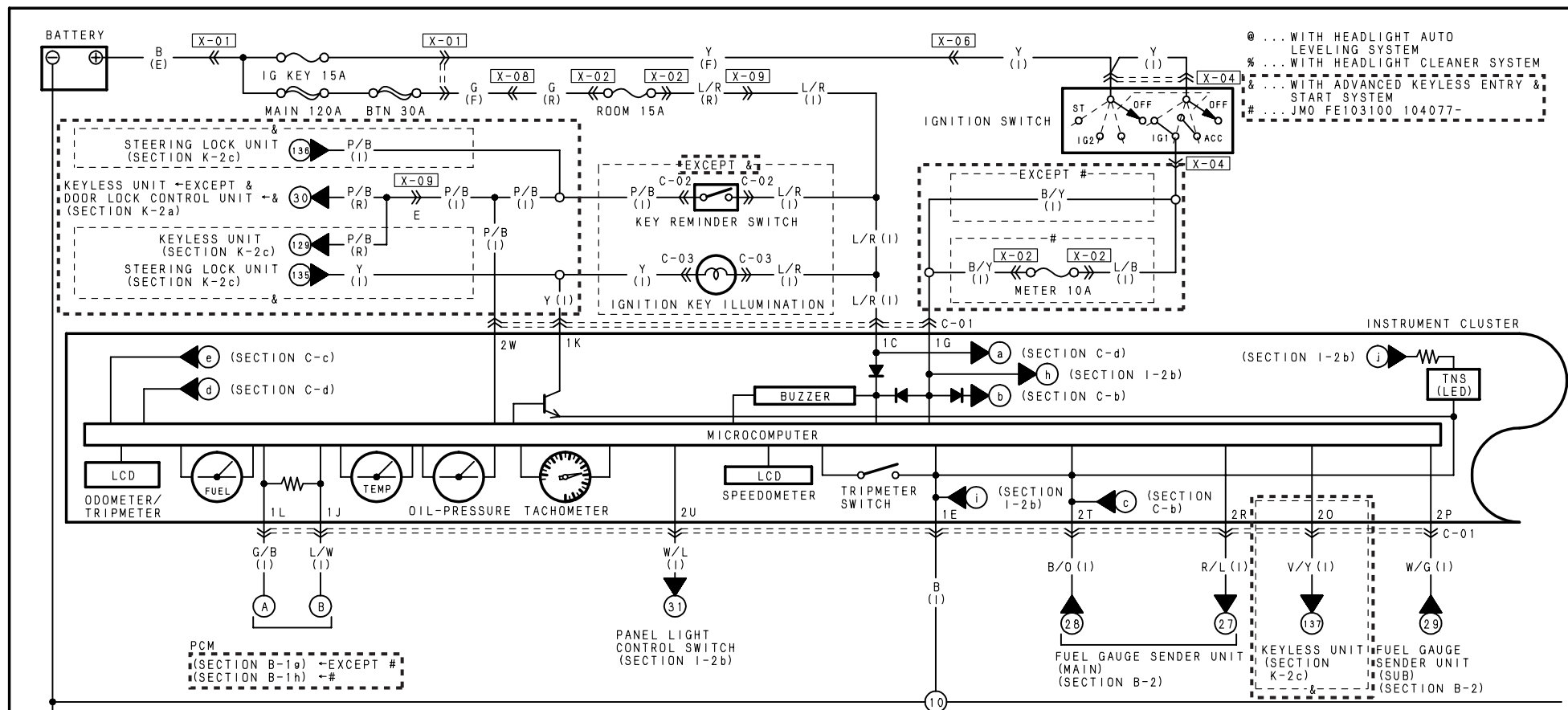




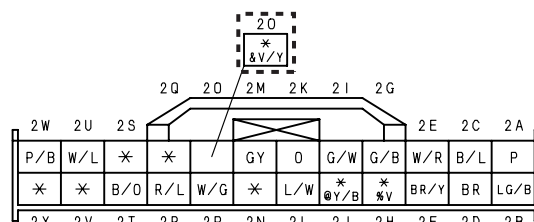
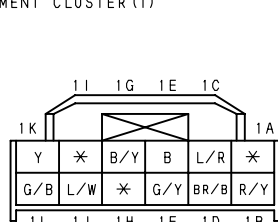
HARNESS SYMBOL:  (F)  (E)  (R)

4-1

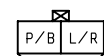




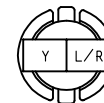
C-01 INSTRUMENT CLUSTER (I)



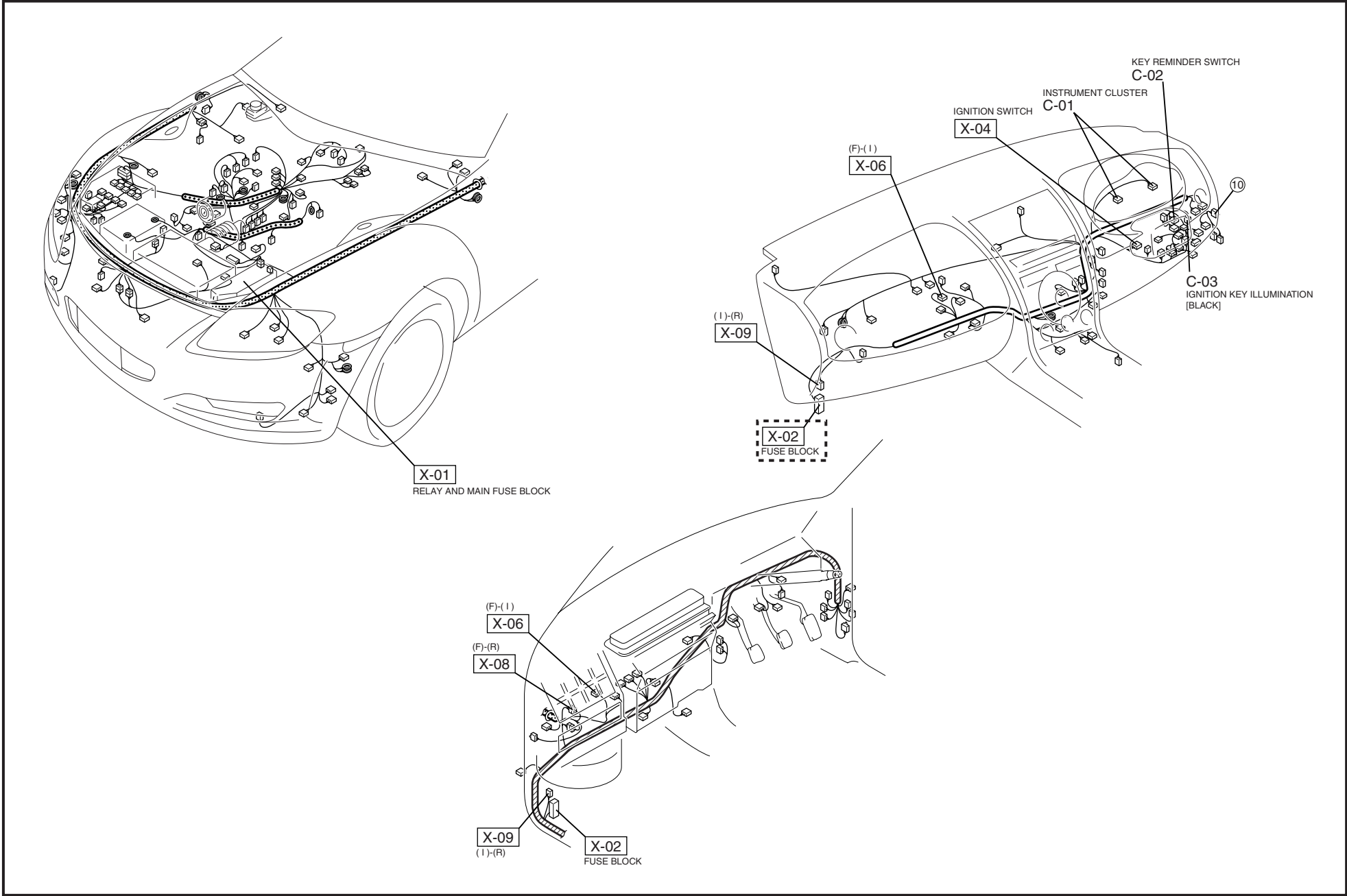
C-02 KEY REMINDER SWITCH (I)



C-03 IGNITION KEY ILLUMINATION (I)

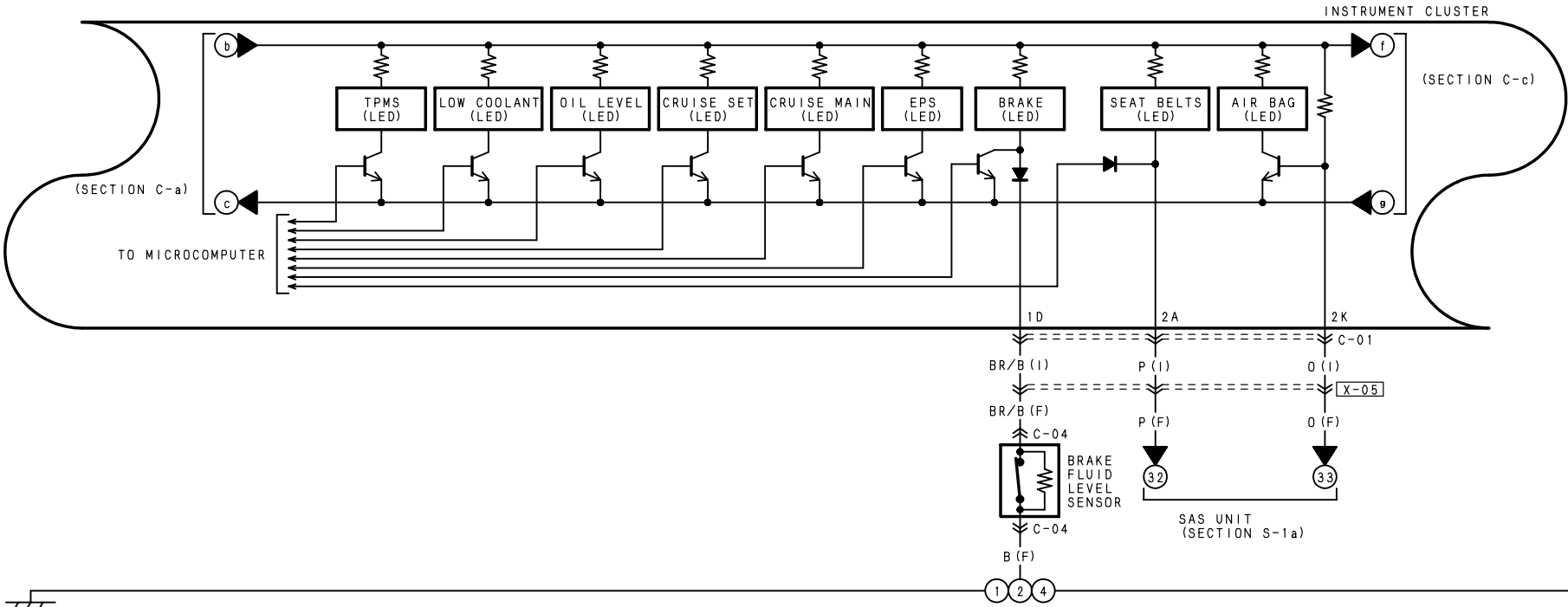


HARNESS SYMBOL:  (F)  (E)  (R)

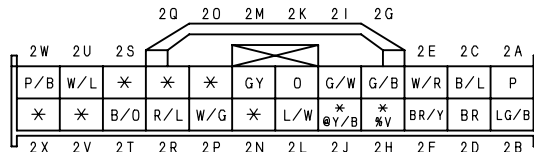
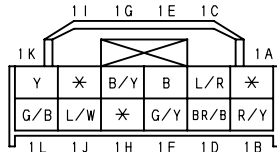


Mazda RX-8 Wiring Diagram (5574-1*-03D)

@ ... WITH HEADLIGHT AUTO LEVELING SYSTEM
% ... WITH HEADLIGHT CLEANER SYSTEM






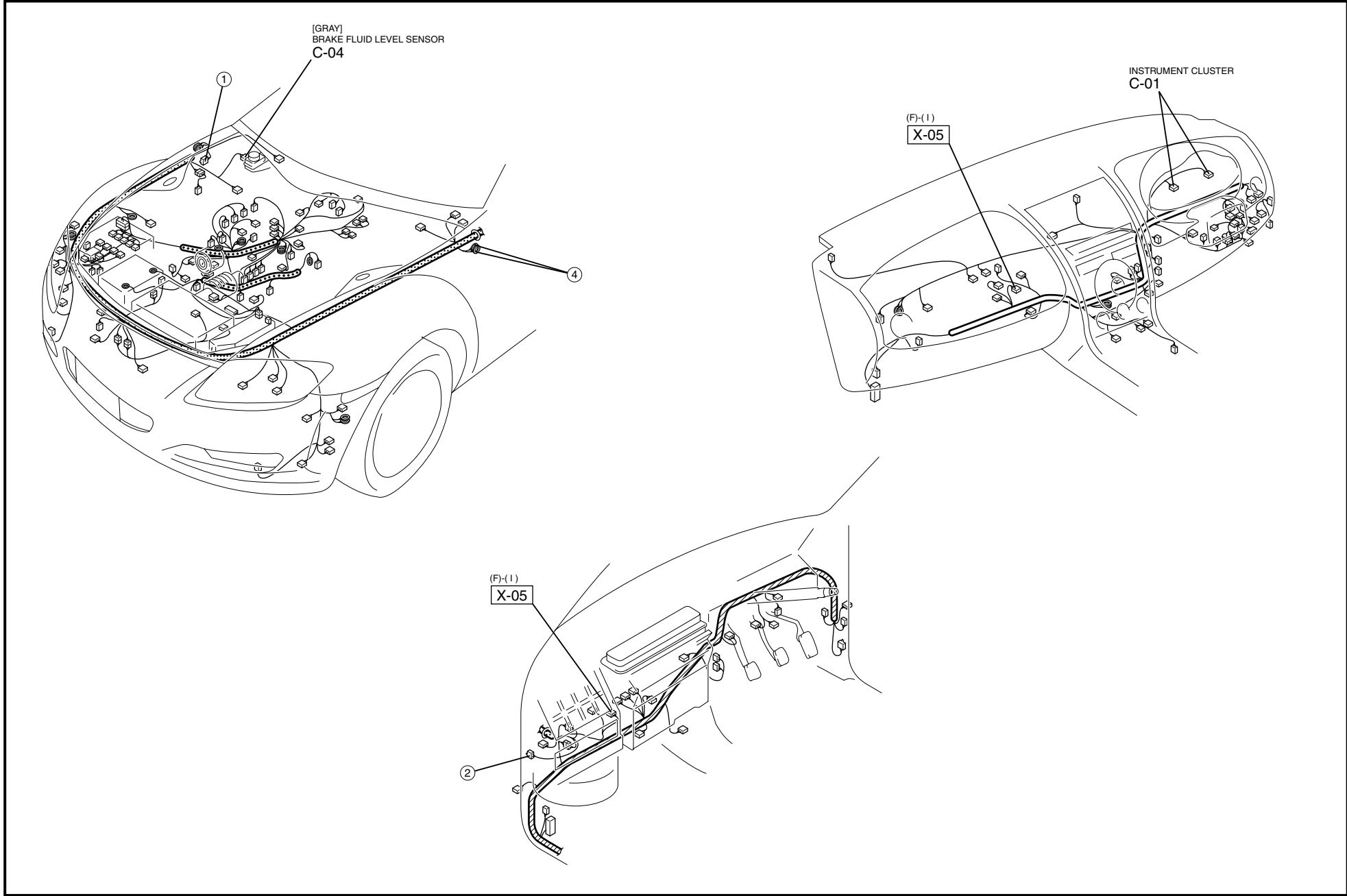
C-01 INSTRUMENT CLUSTER (I)

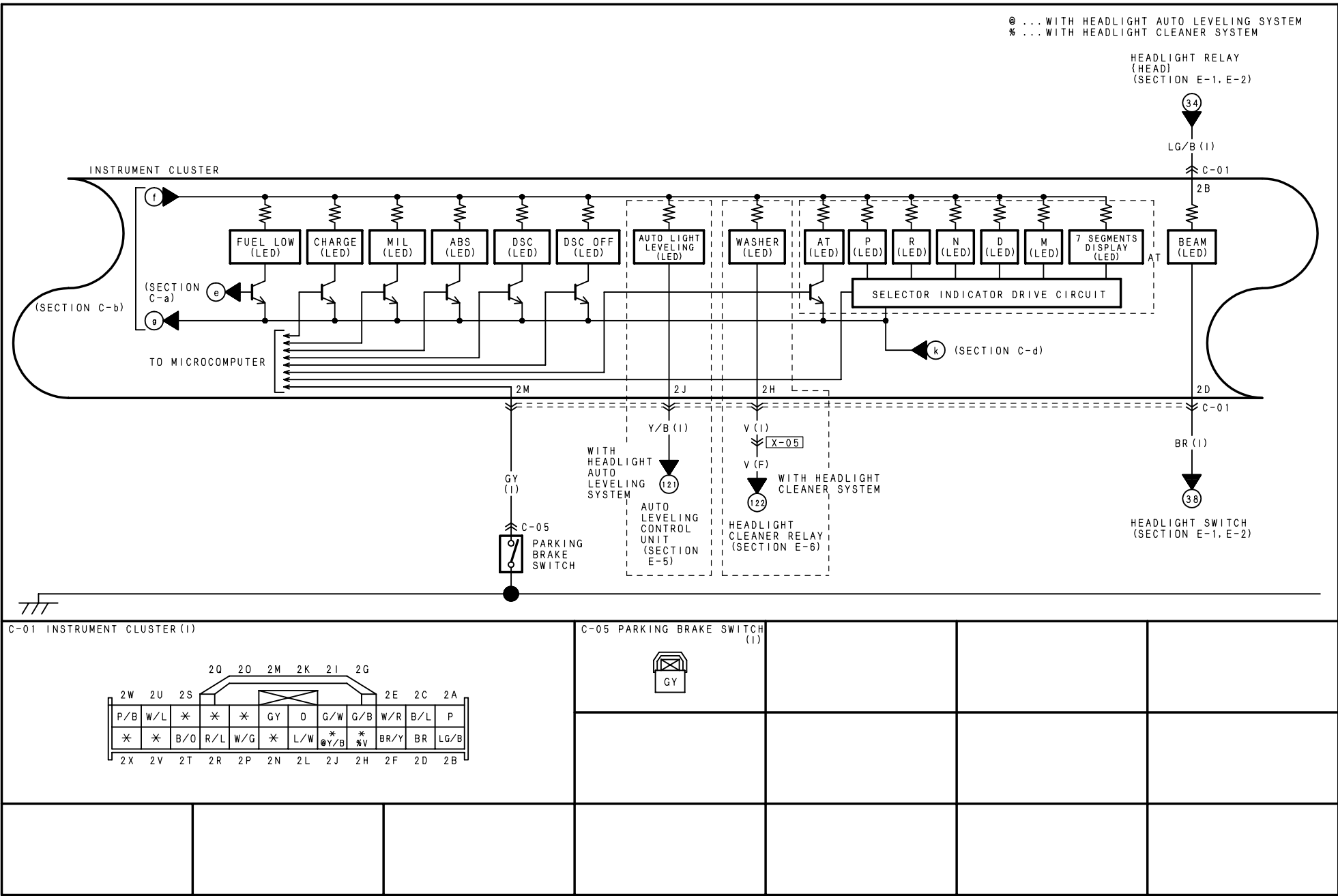





C-04 BRAKE FLUID LEVEL SENSOR (F)

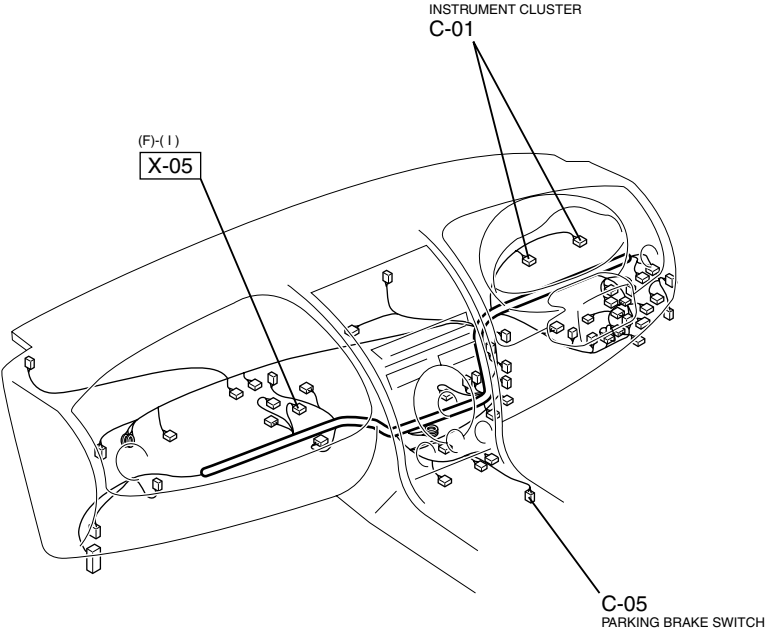
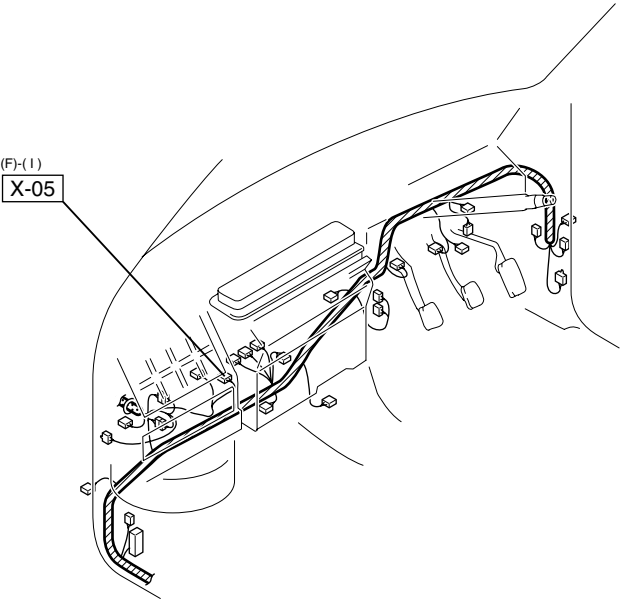


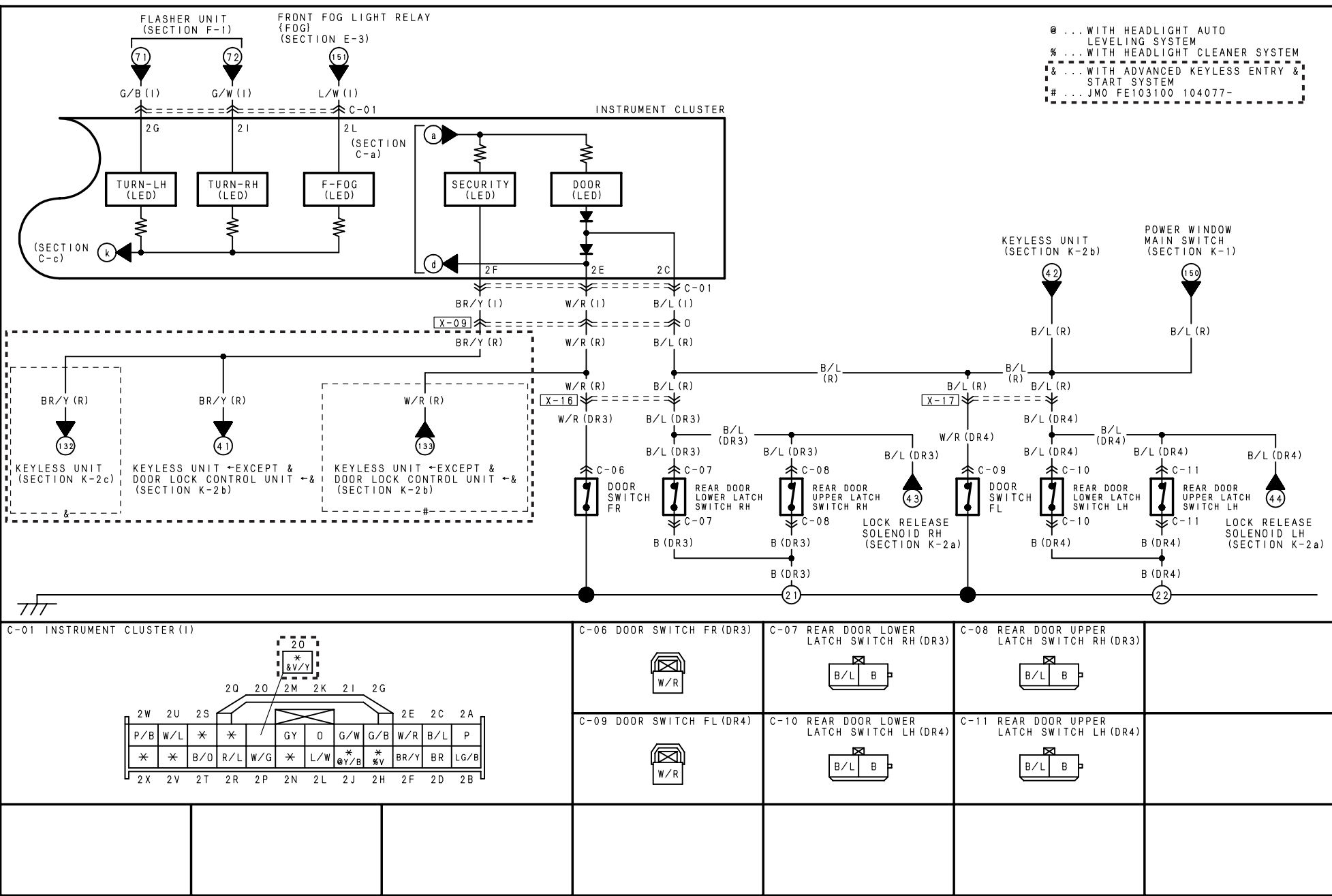
HARNESS SYMBOL:  (F)  (E)  (R)




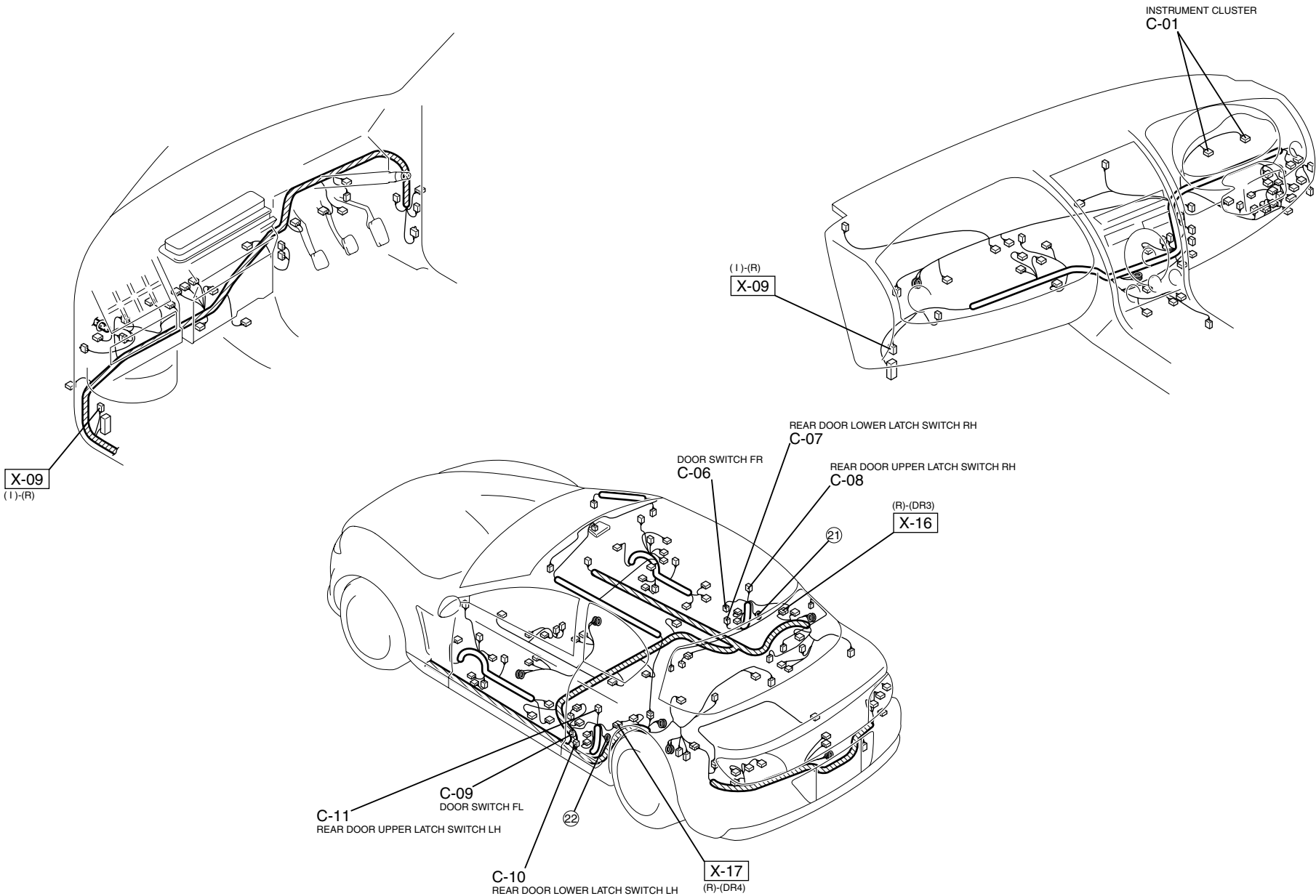


HARNESS SYMBOL:  (F)  (E)  (R)

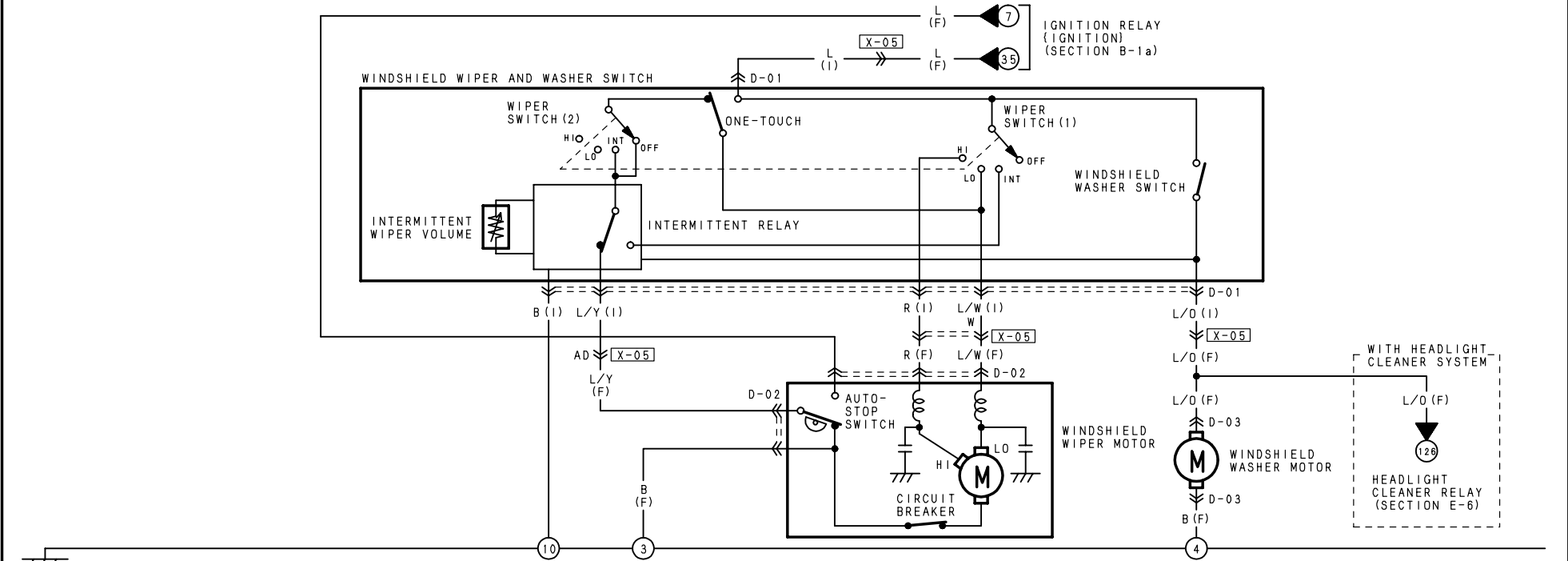






HARNESS SYMBOL:  (F)  (E)  (R)

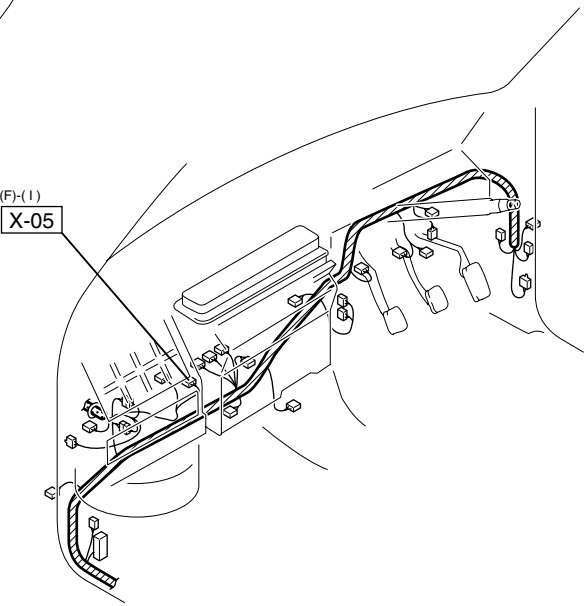
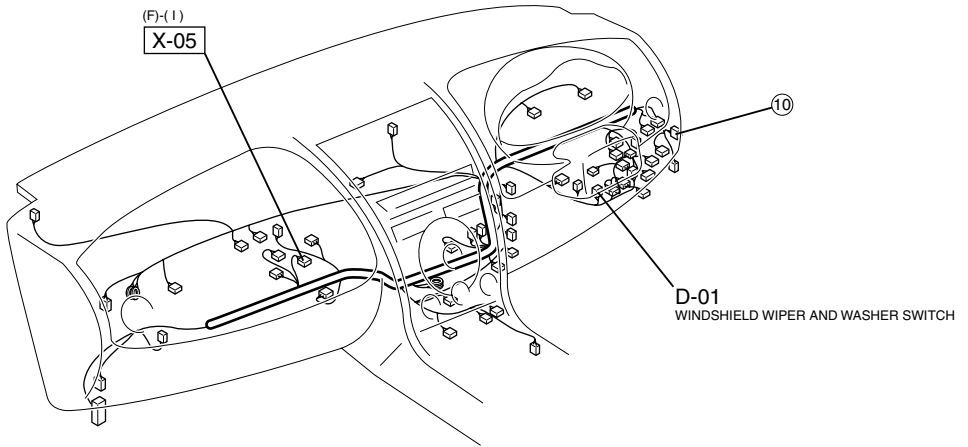
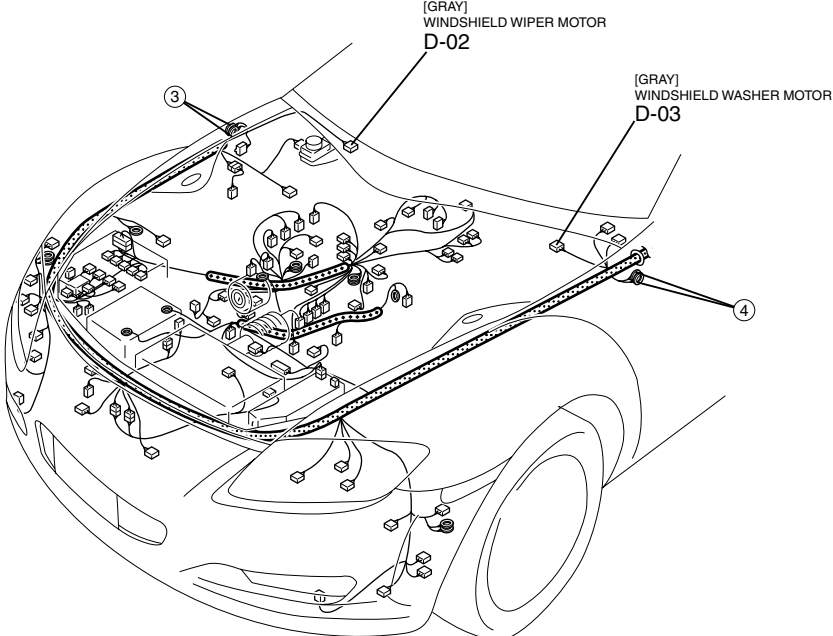


50



D-01 WINDSHIELD WIPER AND WASHER SWITCH (I)		D-02 WINDSHIELD WIPER MOTOR (F)	D-03 WINDSHIELD WASHER MOTOR (F)																	
<table><tr><td>L/O</td><td>L/Y</td><td>L</td><td></td><td>L/W</td><td>B</td><td>R</td></tr><tr><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td></tr></table>		L/O	L/Y	L		L/W	B	R	*	*	*	*	*	*	*					
L/O	L/Y	L		L/W	B	R														
*	*	*	*	*	*	*														

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

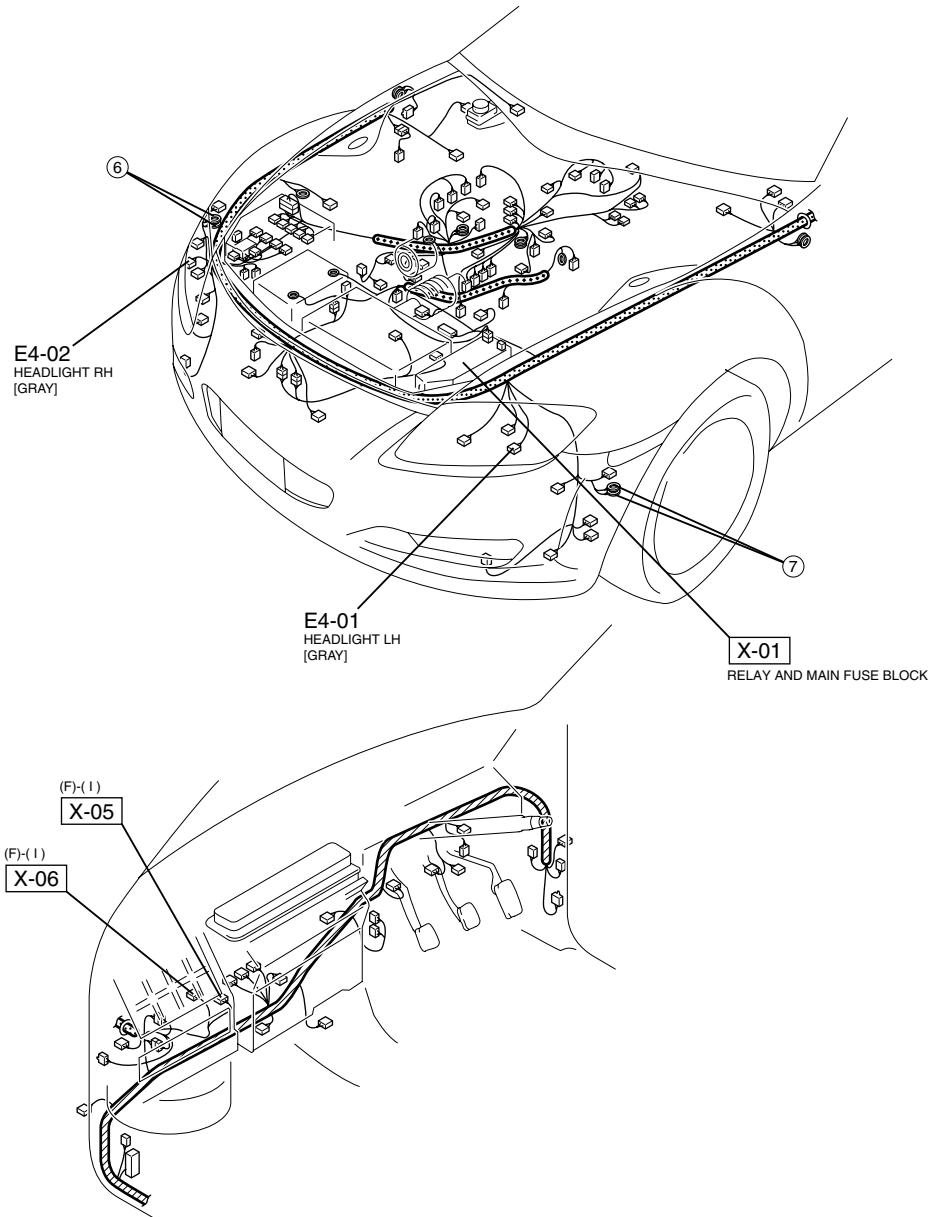


52

52



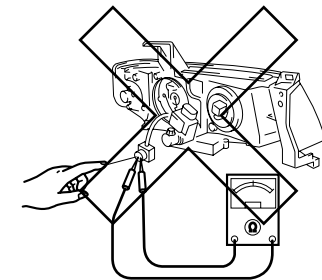
HARNESS SYMBOL:  (F)  (E)  (R)



DISCHARGE HEADLIGHT SERVICE WARNINGS

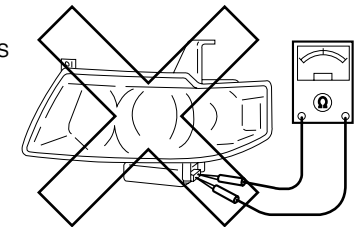
DISCHARGE HEADLIGHT BULB SERVICE WARNINGS




- To prevent electrical shock when replacing the discharge headlight bulb, dry hands thoroughly, and carry out work in an area out of rain.
- When the light switch is on, **approx. 25,000 V** of high voltage passes through the discharge headlight bulb socket. Because of the danger of electrical shock, do not insert fingers or a tester.
- When the headlights are on, high voltage flows around the socket and bulb. When turning on the discharge headlights while working, always leave the headlights in the vehicle-installed condition to prevent electrical shock.

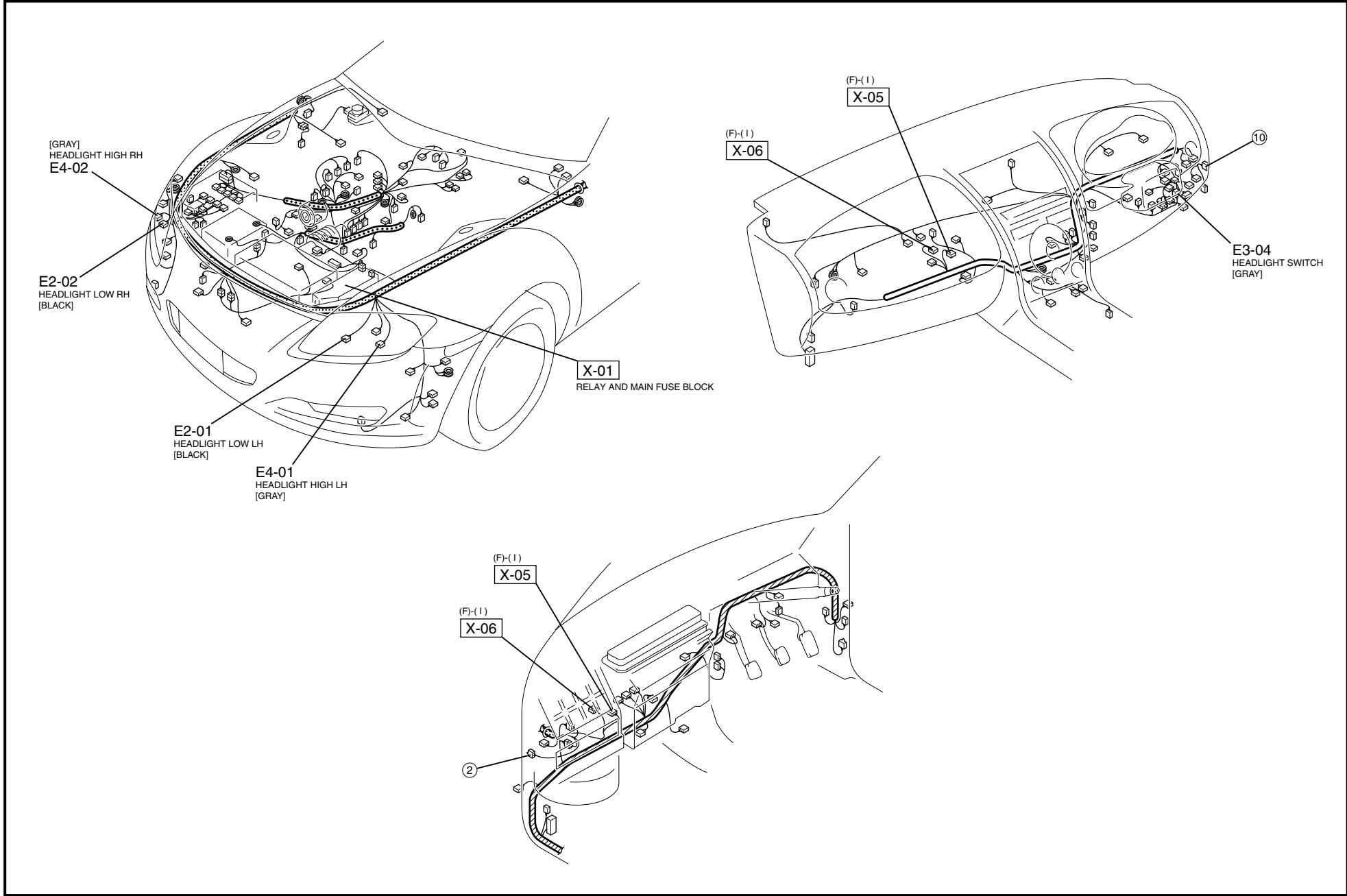


DISCHARGE HEADLIGHT CONTROL UNIT SERVICE WARNINGS

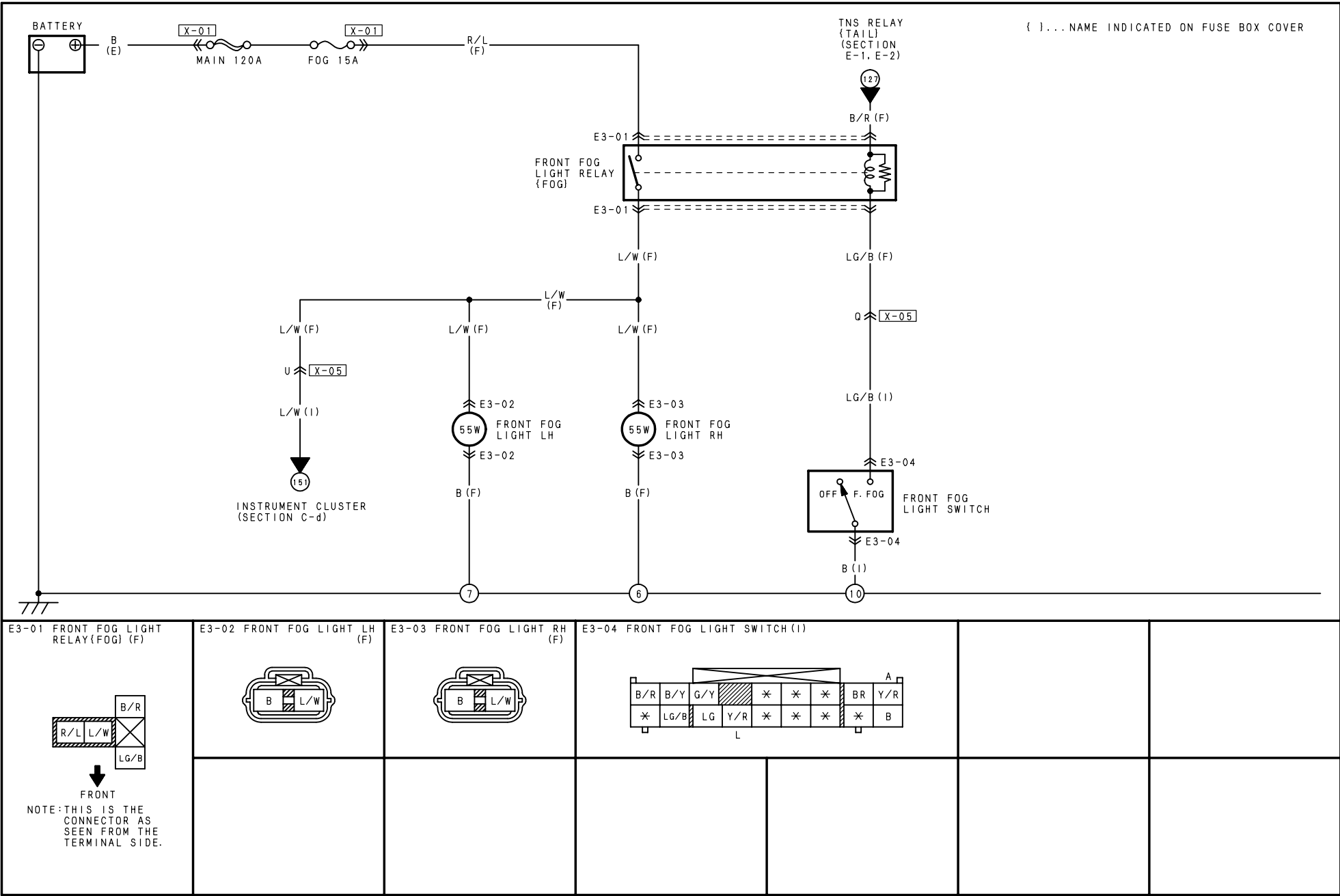
- Because of the danger of electrical shock, when inspecting with a tester, do not inspect the discharge headlight control unit as a single unit or disassemble it.






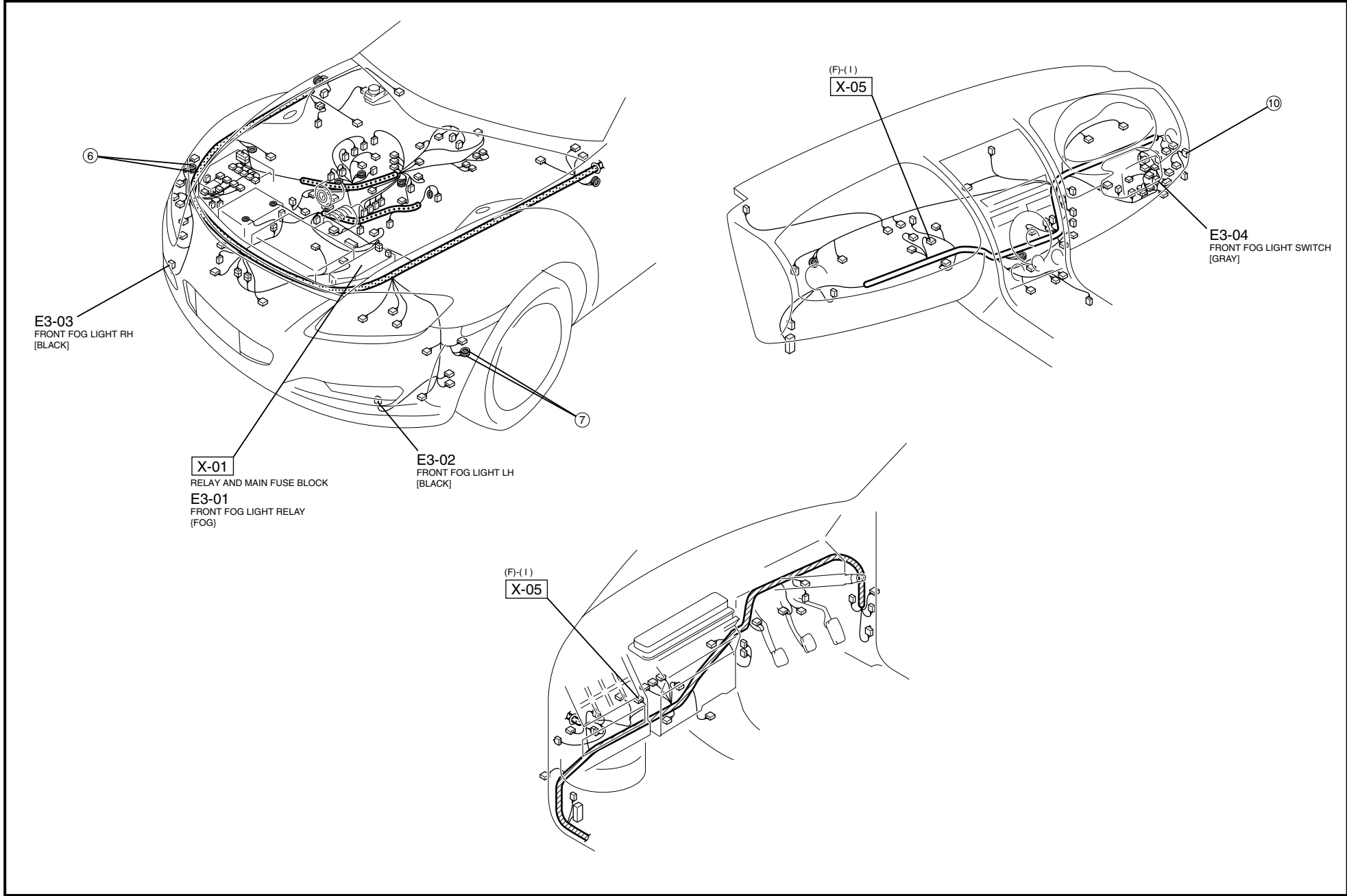
HARNESS SYMBOL:  (F)  (E)  (R)

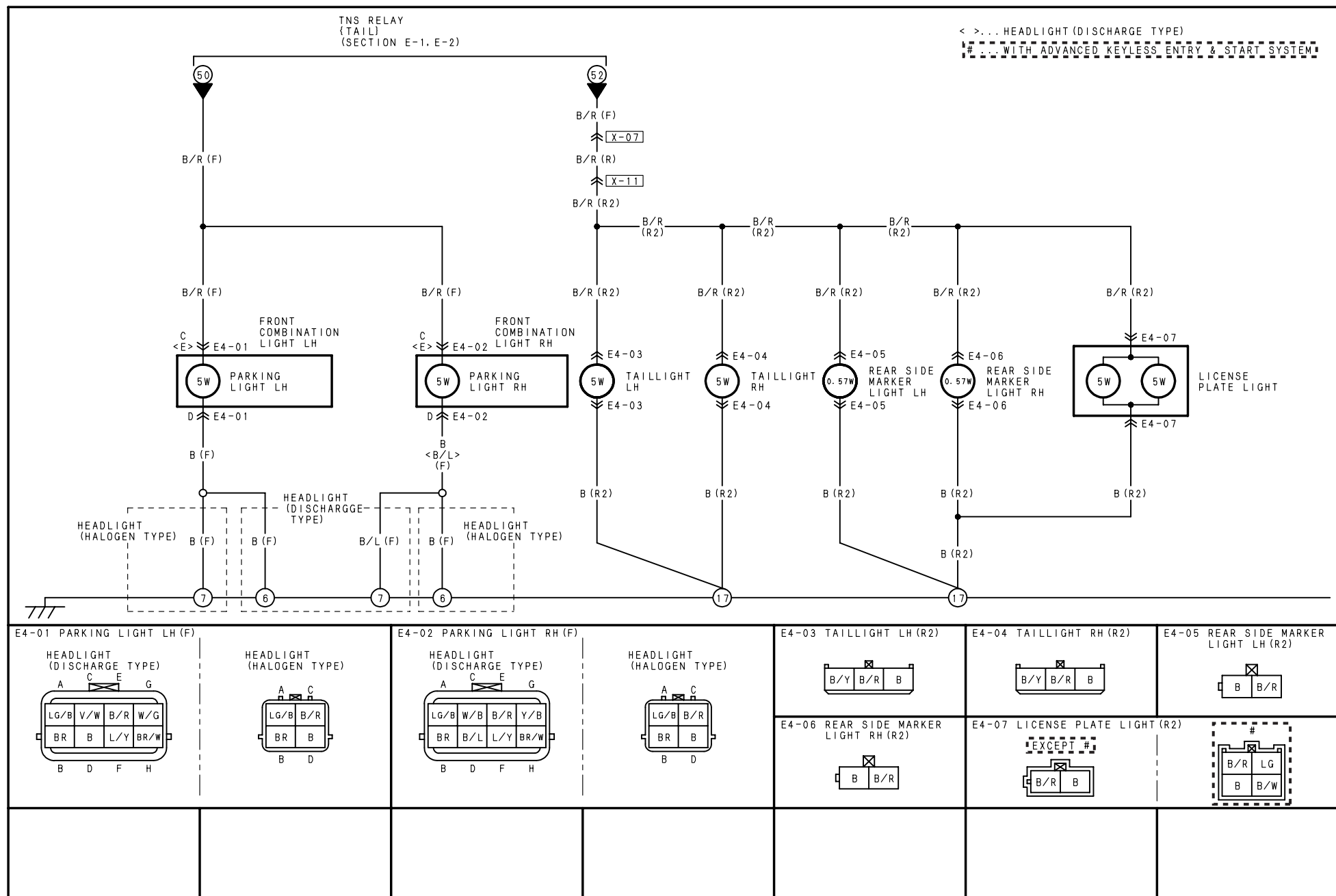





FRONT FOG LIGHT

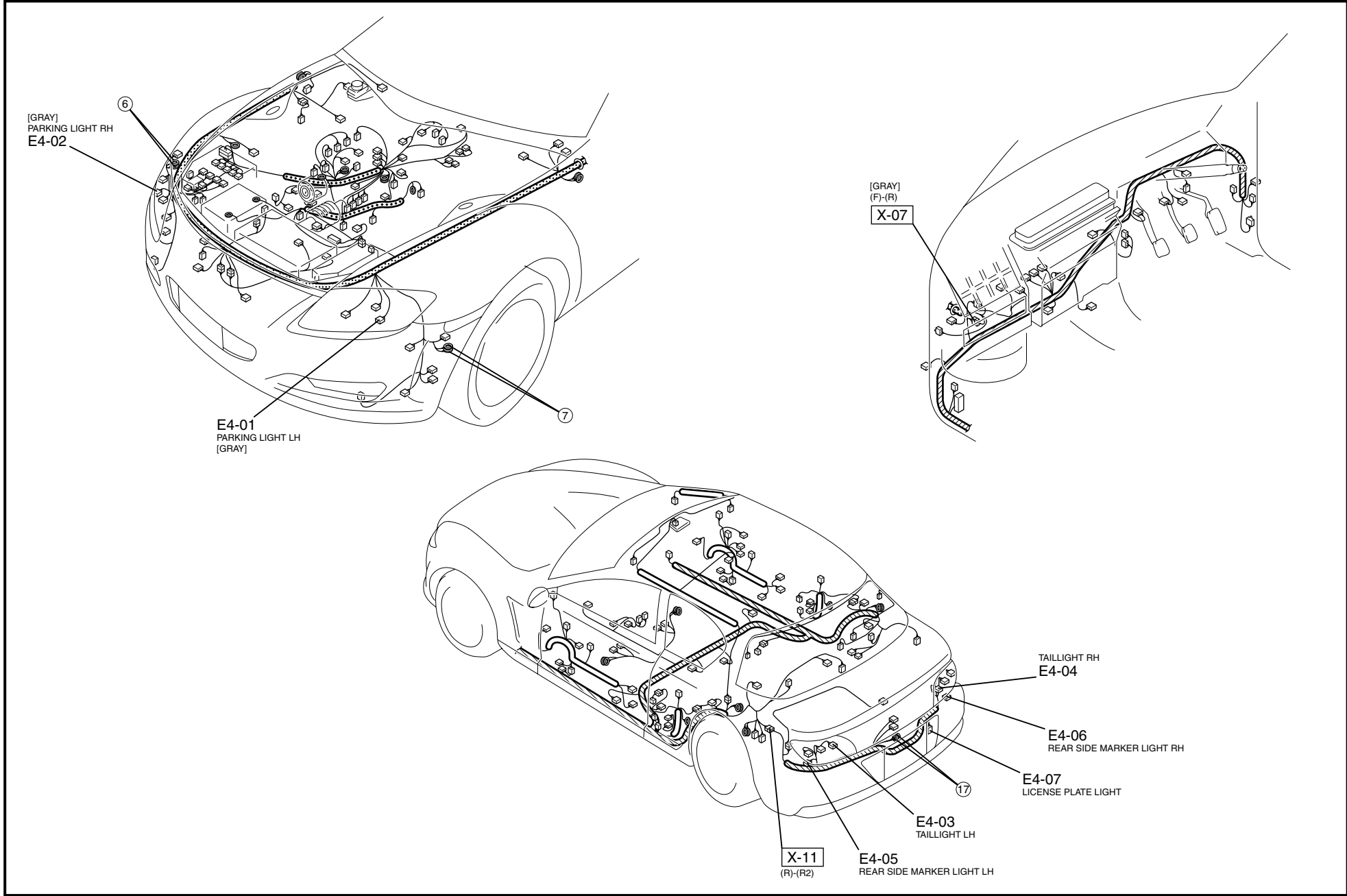


HARNESS SYMBOL:  (F)  (E)  (R)



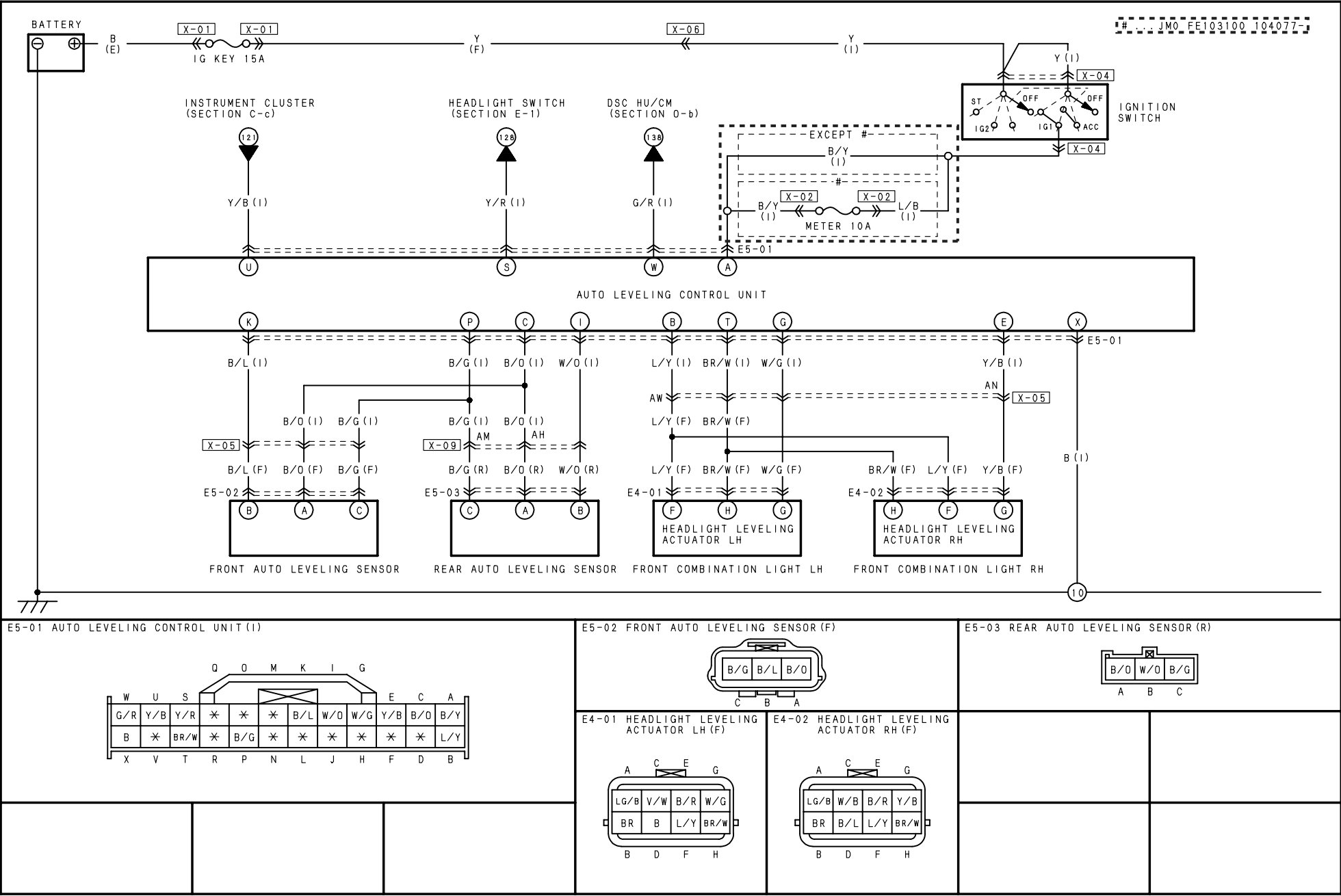


HARNESS SYMBOL:  (F)  (E)  (R)

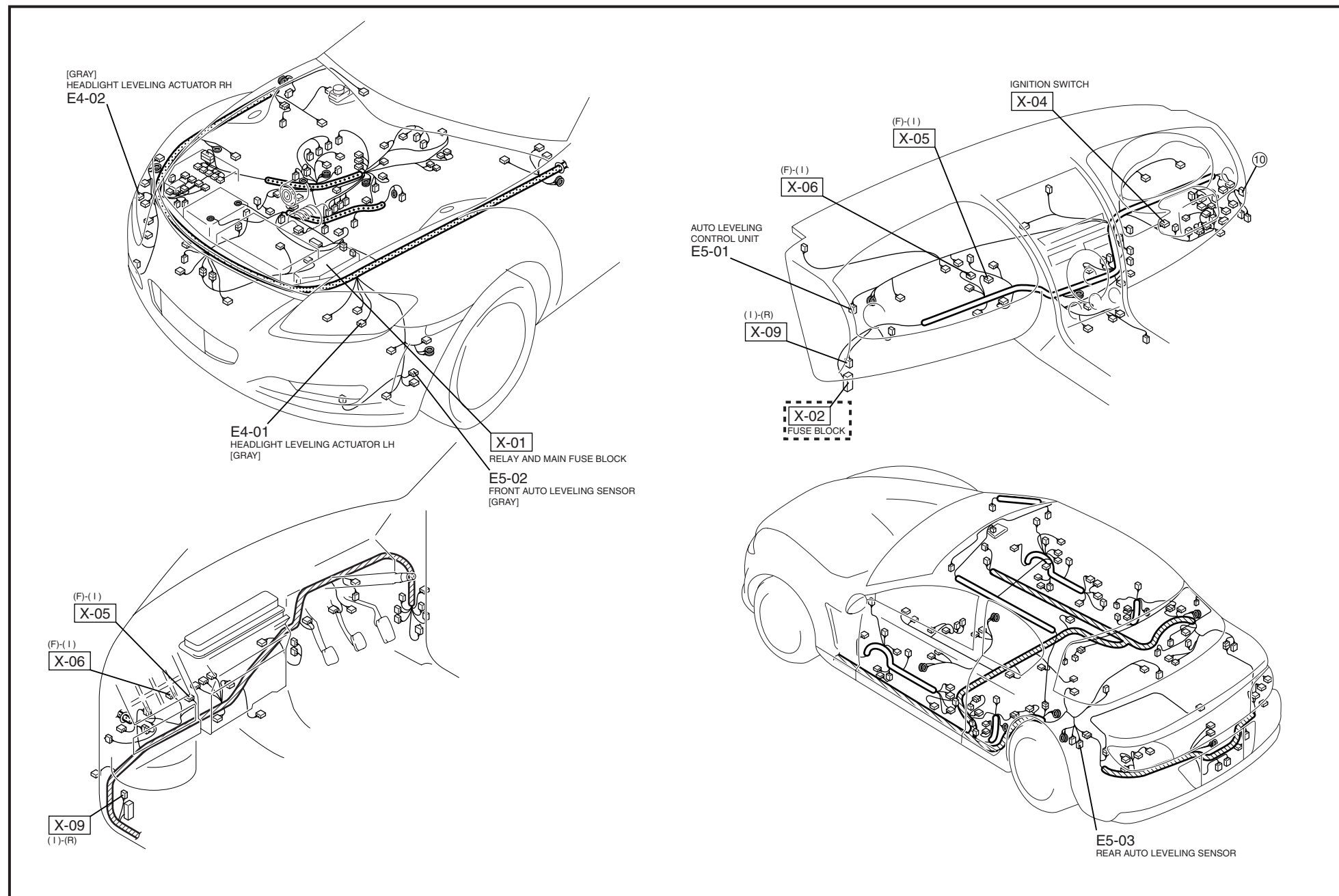


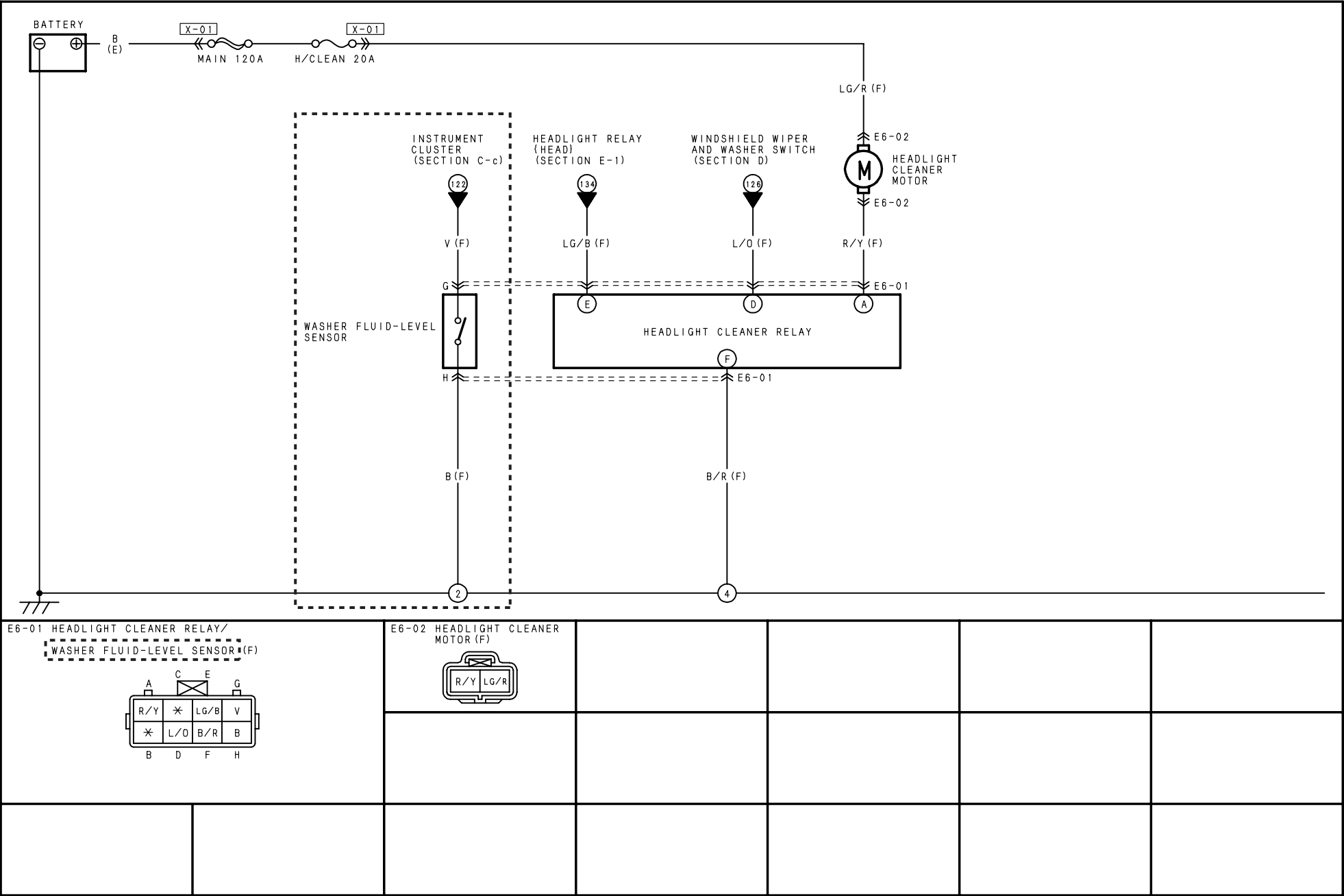
HEADLIGHT AUTO LEVELING SYSTEM

E-5

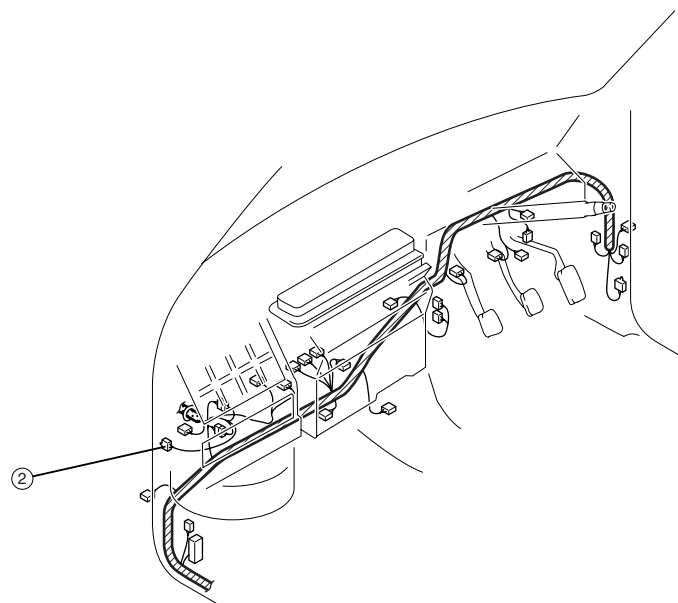
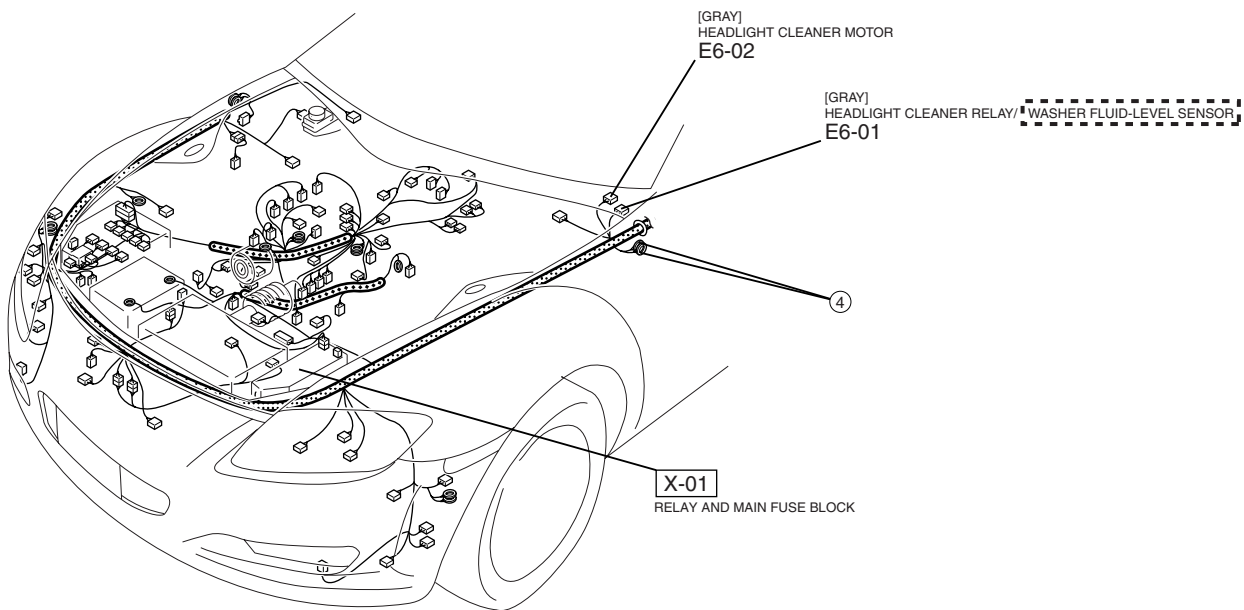


HARNESS SYMBOL:  (F)  (E)  (R)





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

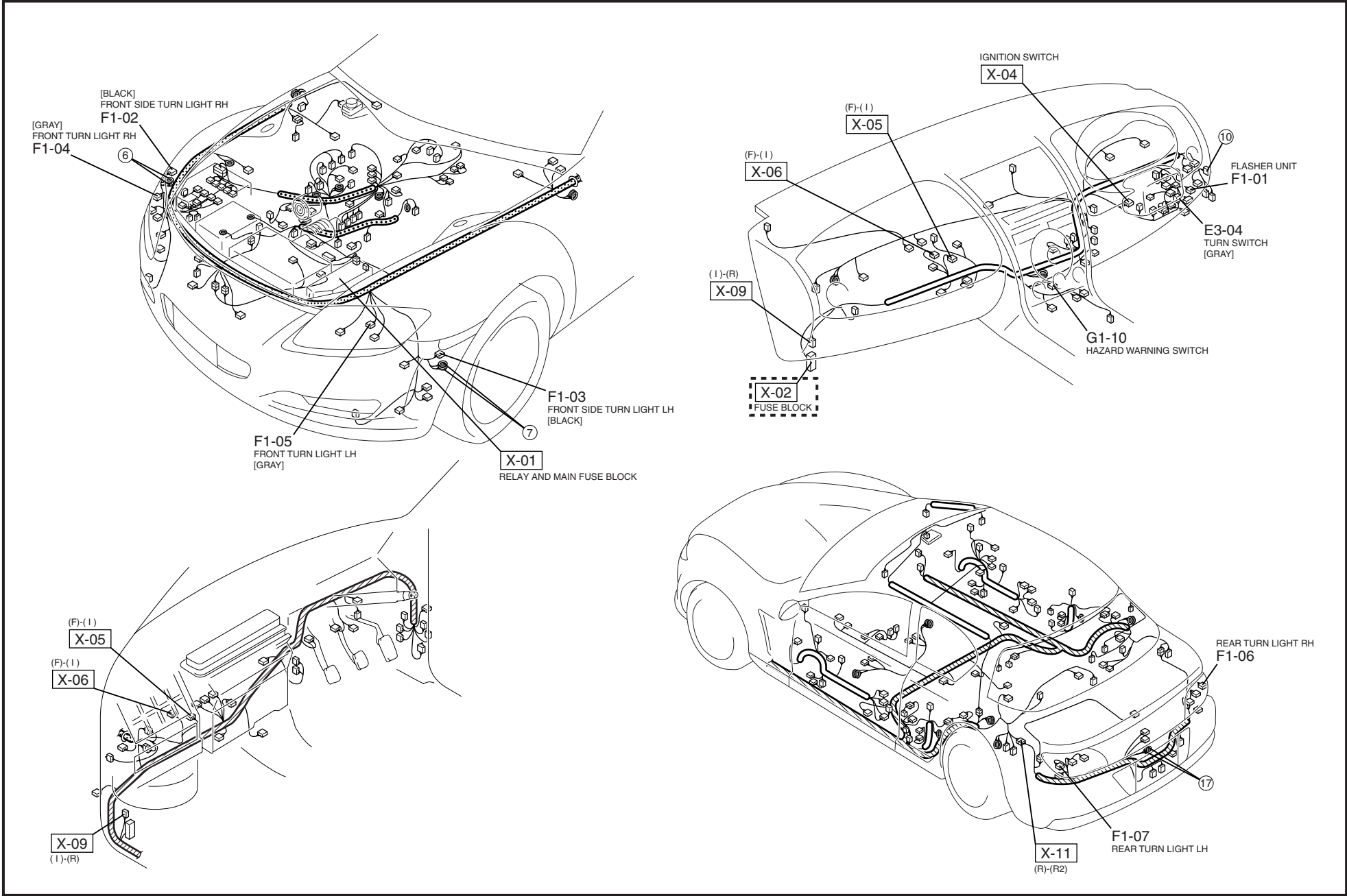


Revised 6/2006 (Ref. No. L043/06)


F-1

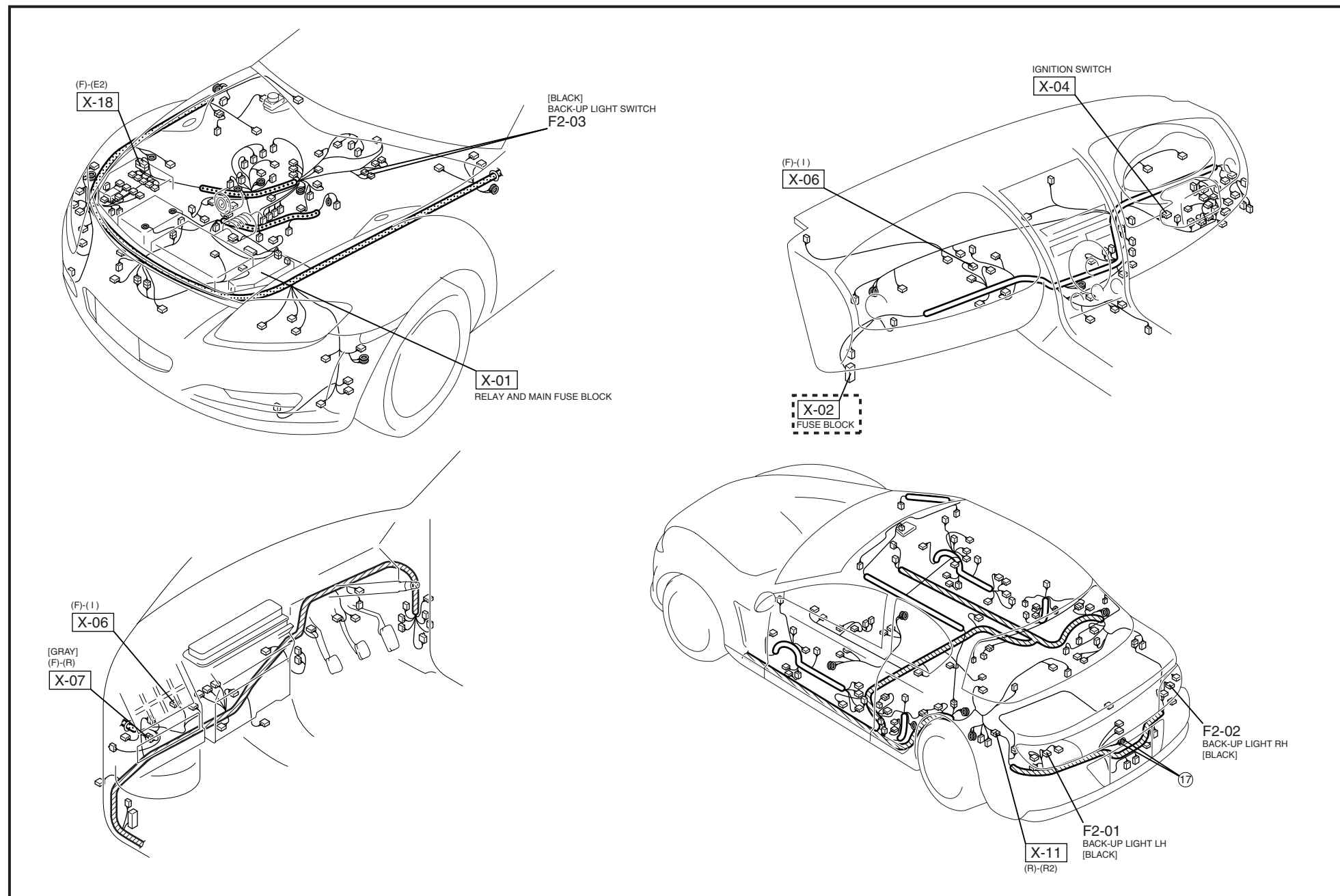


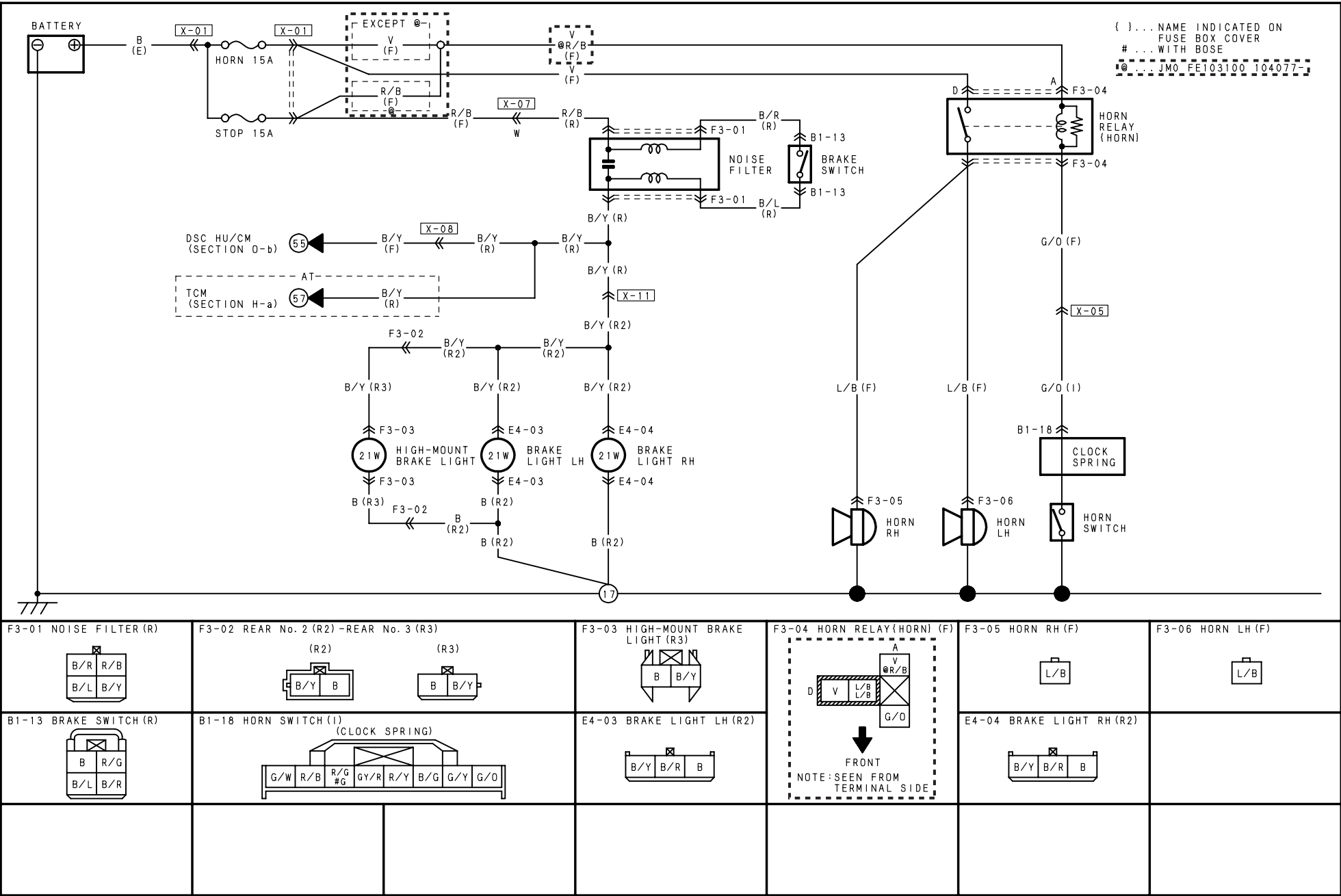
HARNESS SYMBOL:  (F)  (E)  (R)






Mazda RX-8 Wiring Diagram (5574-1*-03D)

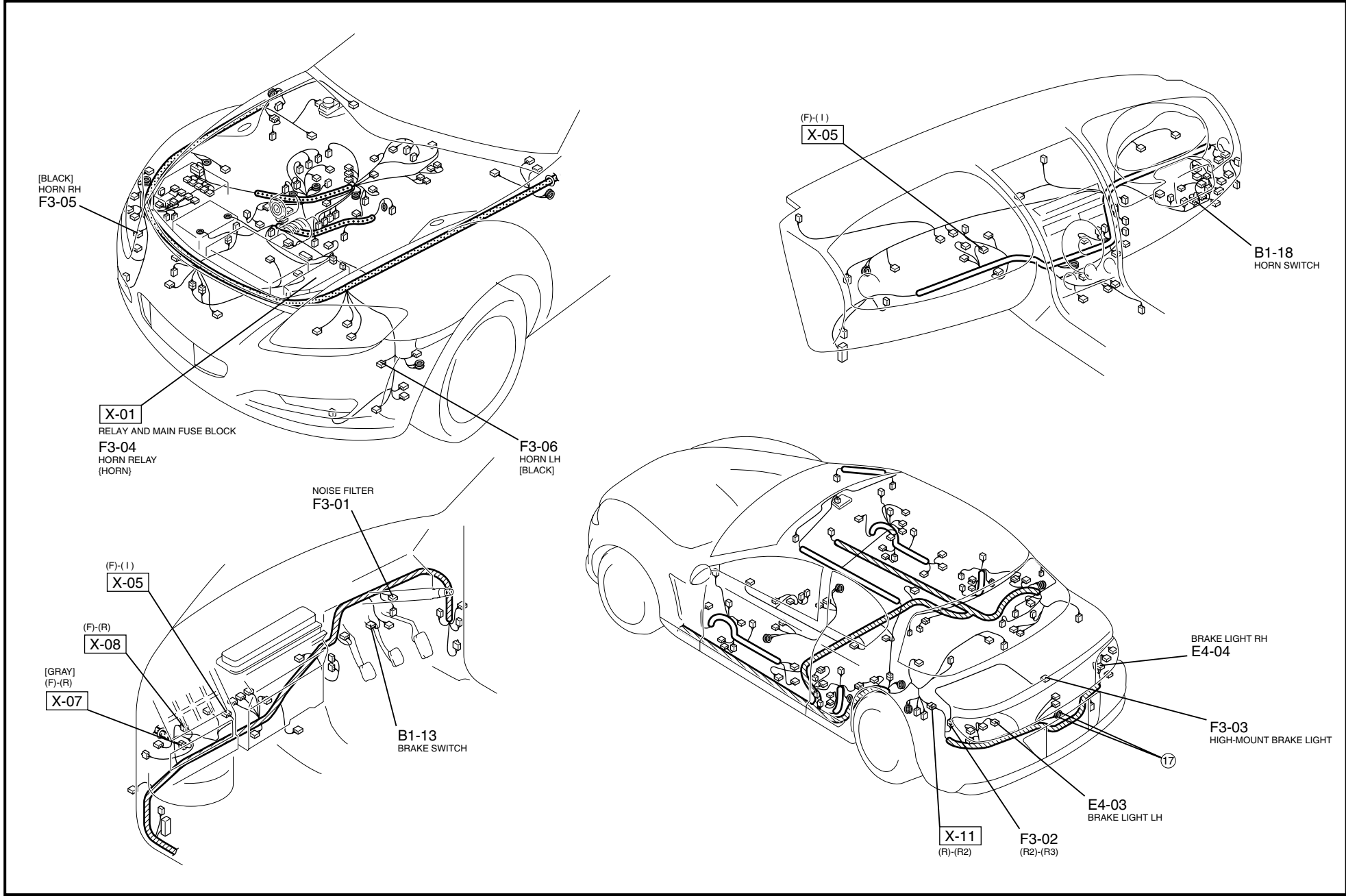
HARNESS SYMBOL:  (F)  (E)  (R)





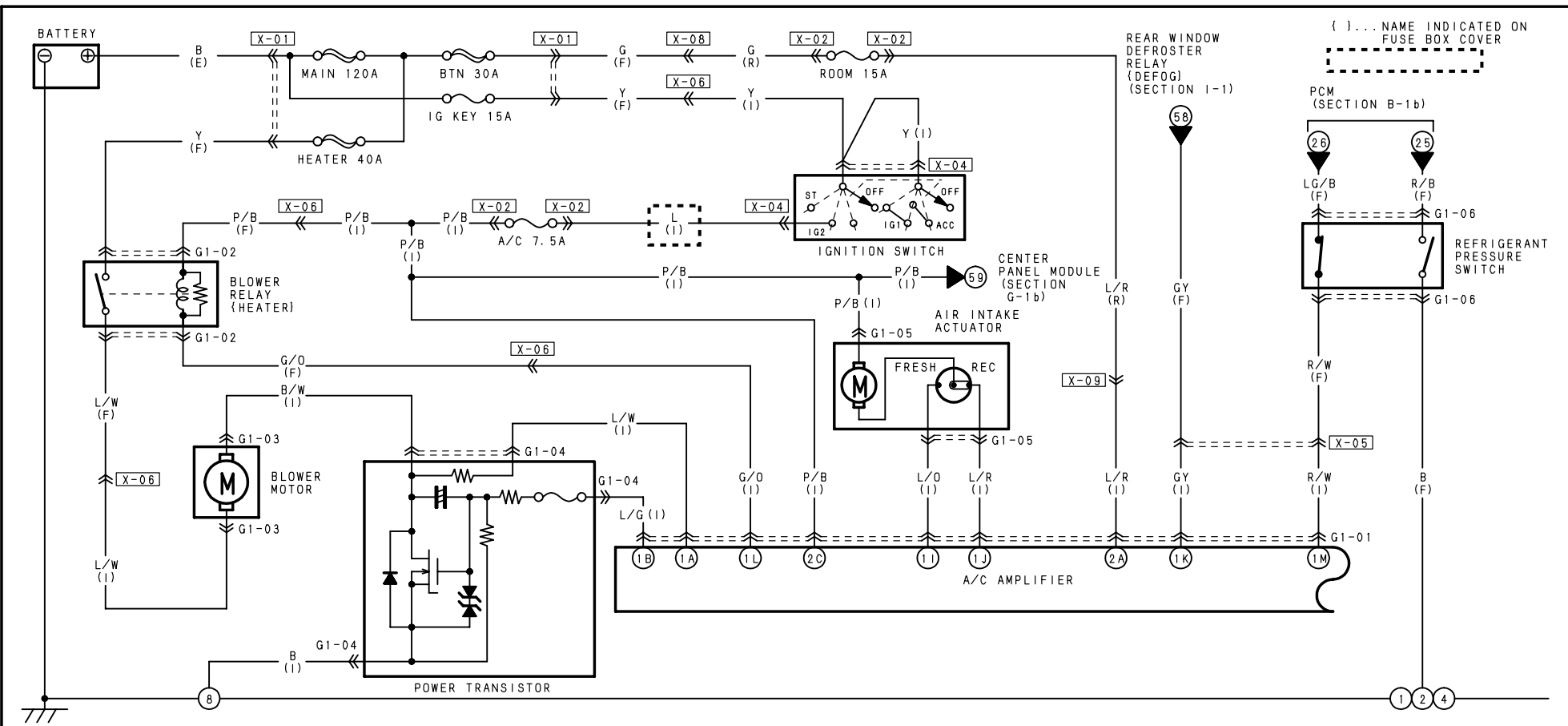
HARNESS SYMBOL:  (F)  (E)  (R)

69






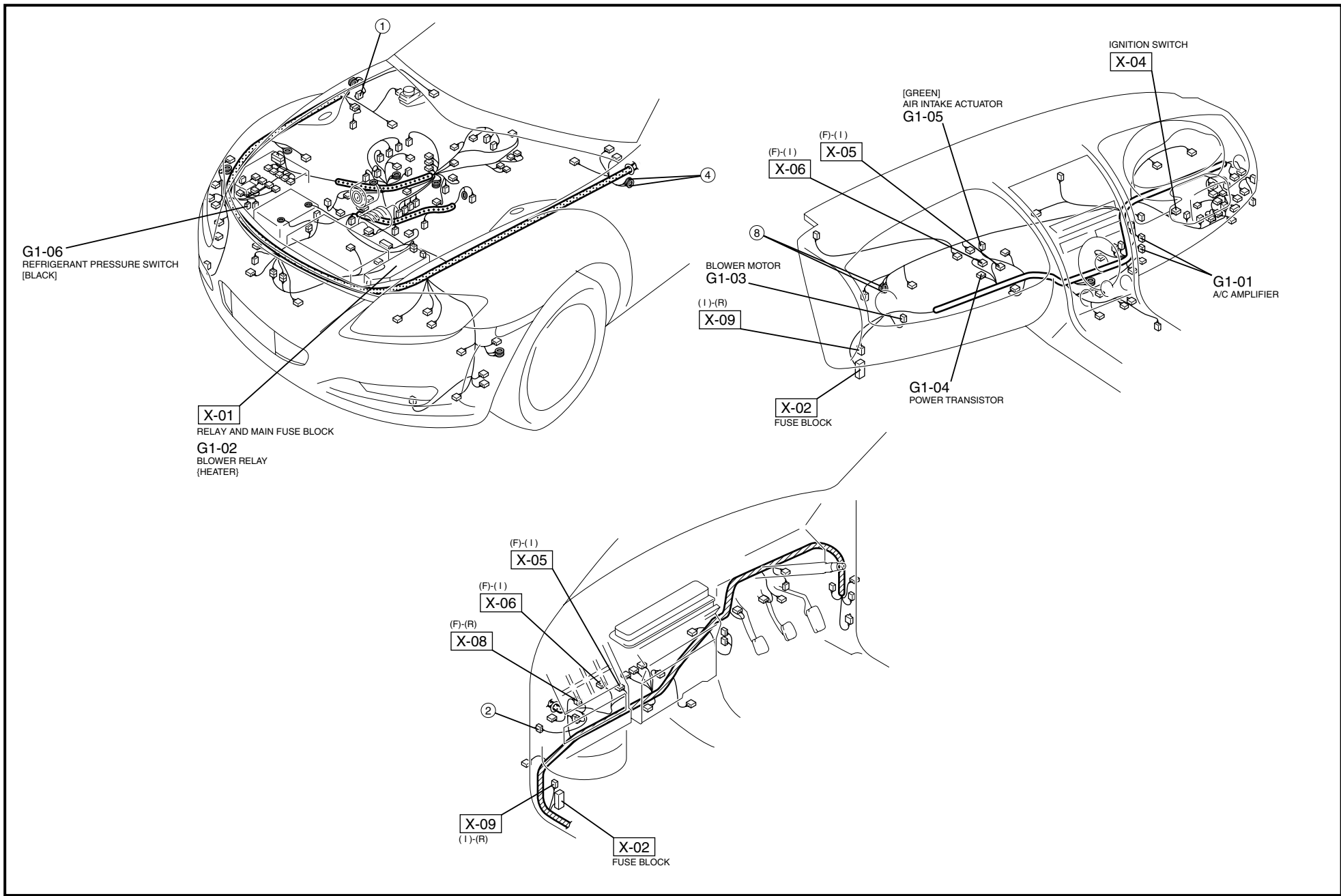
HEATER AND AIR CONDITIONER

G-1a

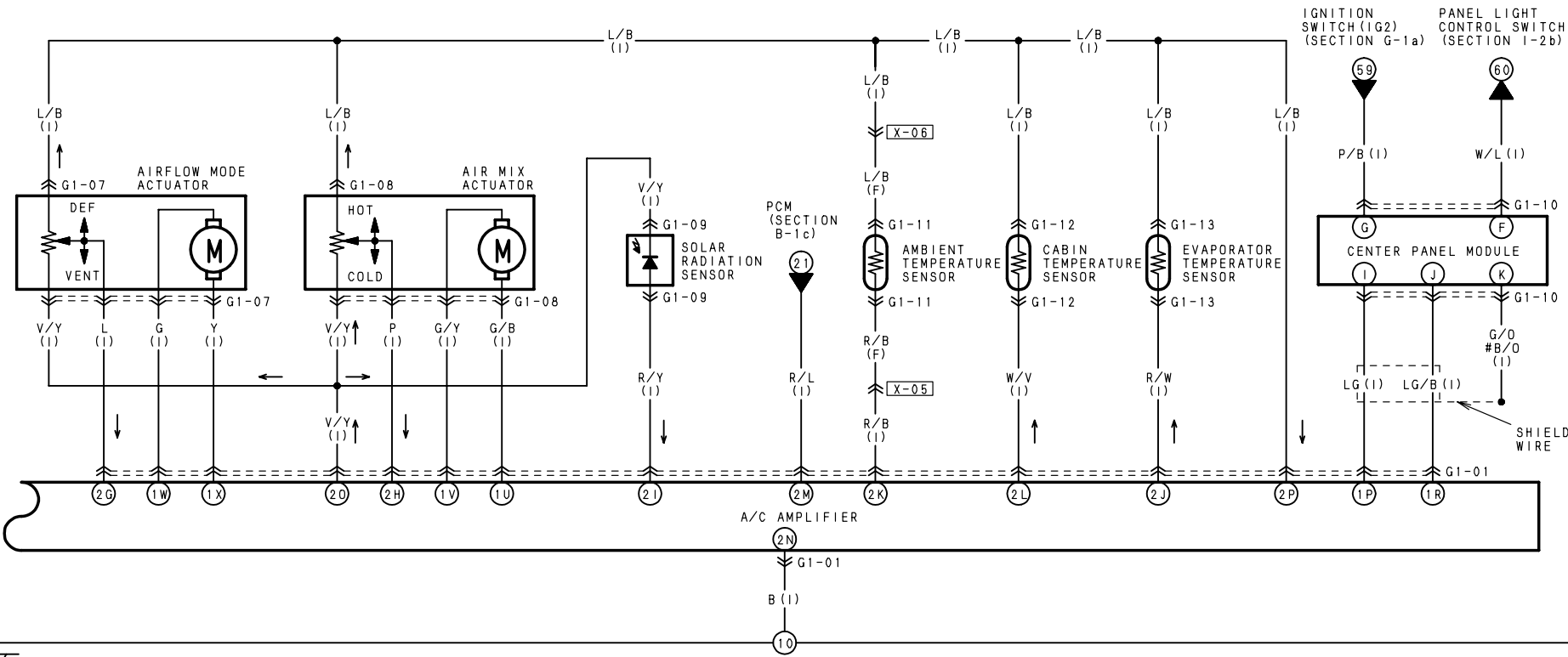


<div>G1-01 A/C AMPLIFIER (I)</div> <div><table><tr><td>1W</td><td>1U</td><td>1S</td><td>1Q</td><td>1O</td><td>1M</td><td>1K</td><td>1I</td><td>1G</td><td>1E</td><td>1C</td><td>1A</td></tr><tr><td>G</td><td>G/B</td><td>*</td><td>*</td><td>*</td><td>R/W</td><td>GY</td><td>L/O</td><td>*</td><td>*</td><td>*</td><td>L/W</td></tr><tr><td>Y</td><td>G/Y</td><td>*</td><td>LG/B</td><td>LG</td><td>*</td><td>G/O</td><td>L/R</td><td>*</td><td>*</td><td>*</td><td>L/G</td></tr><tr><td>1X</td><td>1V</td><td>1T</td><td>1R</td><td>1P</td><td>1N</td><td>1L</td><td>1J</td><td>1H</td><td>1F</td><td>1D</td><td>1B</td></tr></table></div>		1W	1U	1S	1Q	1O	1M	1K	1I	1G	1E	1C	1A	G	G/B	*	*	*	R/W	GY	L/O	*	*	*	L/W	Y	G/Y	*	LG/B	LG	*	G/O	L/R	*	*	*	L/G	1X	1V	1T	1R	1P	1N	1L	1J	1H	1F	1D	1B	<div>G1-02 BLOWER RELAY {HEATER} (F)</div> <div><table><tr><td>Y</td><td>L/W</td><td>P/B</td><td>G/O</td></tr></table><div>FRONT</div><div>NOTE: THIS IS THE CONNECTOR AS SEEN FROM THE TERMINAL SIDE.</div></div>		Y	L/W	P/B	G/O	<div>G1-03 BLOWER MOTOR (I)</div> <div><table><tr><td>L/W</td><td>B/W</td></tr></table></div>	L/W	B/W	<div>G1-06 REFRIGERANT PRESSURE SWITCH (F)</div> <div><table><tr><td>R/B</td><td>R/W</td><td>B</td><td>LG/B</td></tr></table></div>	R/B	R/W	B	LG/B
1W	1U	1S	1Q	1O	1M	1K	1I	1G	1E	1C	1A																																																				
G	G/B	*	*	*	R/W	GY	L/O	*	*	*	L/W																																																				
Y	G/Y	*	LG/B	LG	*	G/O	L/R	*	*	*	L/G																																																				
1X	1V	1T	1R	1P	1N	1L	1J	1H	1F	1D	1B																																																				
Y	L/W	P/B	G/O																																																												
L/W	B/W																																																														
R/B	R/W	B	LG/B																																																												
<div>G1-04 POWER TRANSISTOR (I)</div> <div><table><tr><td>L/G</td><td>B</td><td>L/W</td><td>B/W</td></tr></table></div>		L/G	B	L/W	B/W																																																										
L/G	B	L/W	B/W																																																												
<div>G1-05 AIR INTAKE ACTUATOR (I)</div> <div><table><tr><td>P/B</td><td>*</td><td>*</td><td>*</td><td>L/R</td><td>*</td><td>L/O</td></tr></table></div>		P/B	*	*	*	L/R	*	L/O																																																							
P/B	*	*	*	L/R	*	L/O																																																									

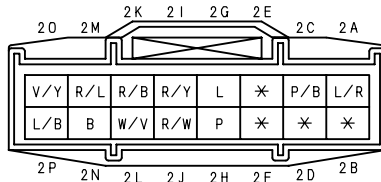
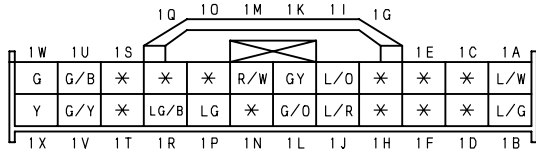
HARNESS SYMBOL:  (F)  (E)  (R)



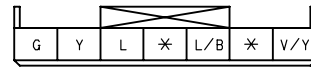
... WITH BOSE



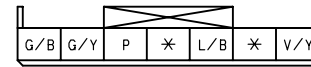
G1-01 A/C AMPLIFIER (1)



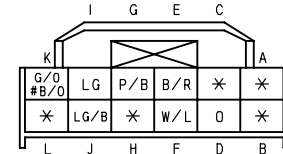
G1-07 AIRFLOW MODE ACTUATOR (1)



G1-08 AIR MIX ACTUATOR (1)



G1-10 CENTER PANEL MODULE (1)



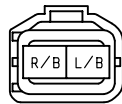
G1-13 EVAPORATOR TEMPERATURE SENSOR (1)



G1-09 SOLAR RADIATION SENSOR (1)






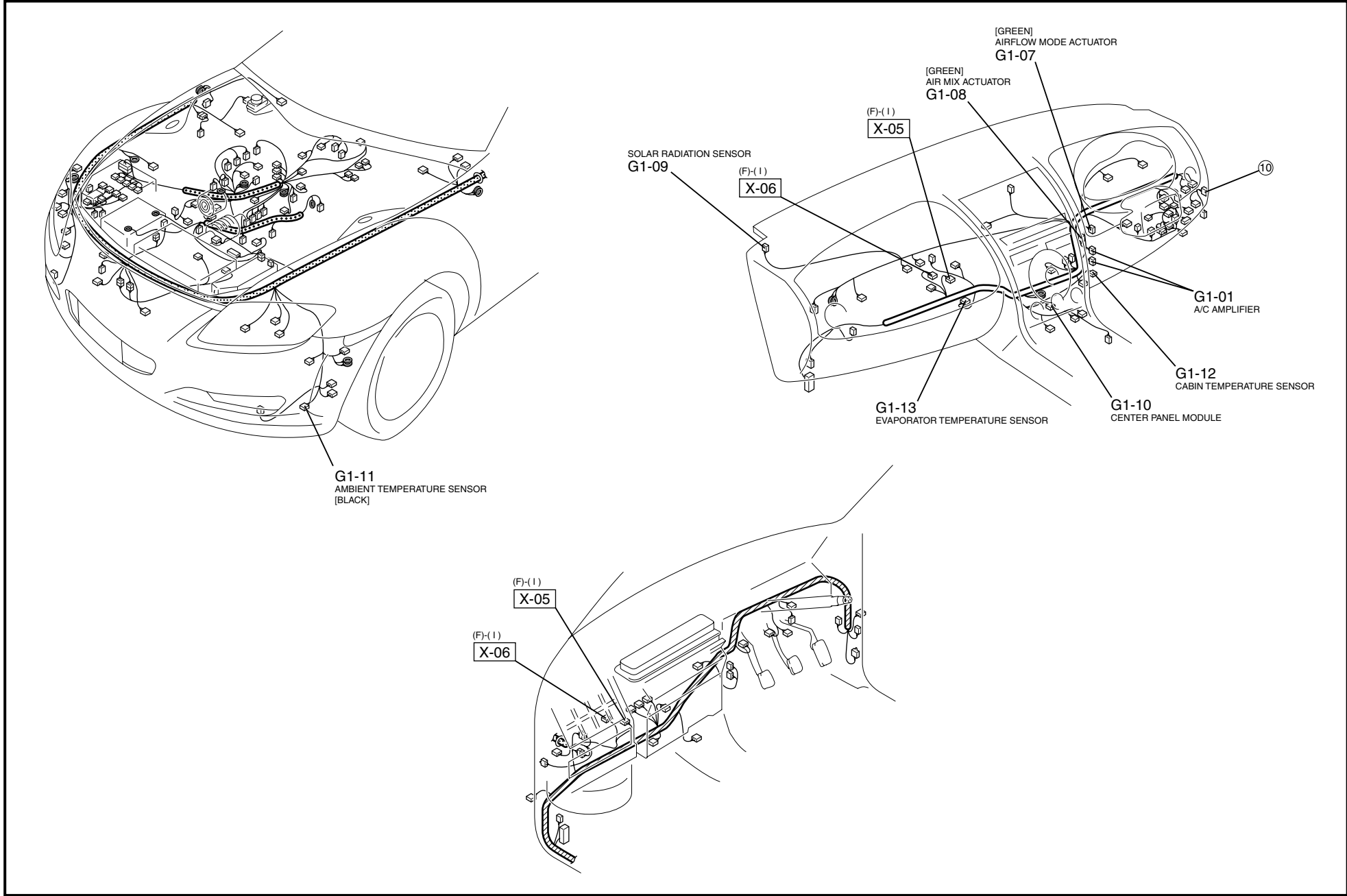
G1-11 AMBIENT TEMPERATURE SENSOR (F)



G1-12 CABIN TEMPERATURE SENSOR (1)

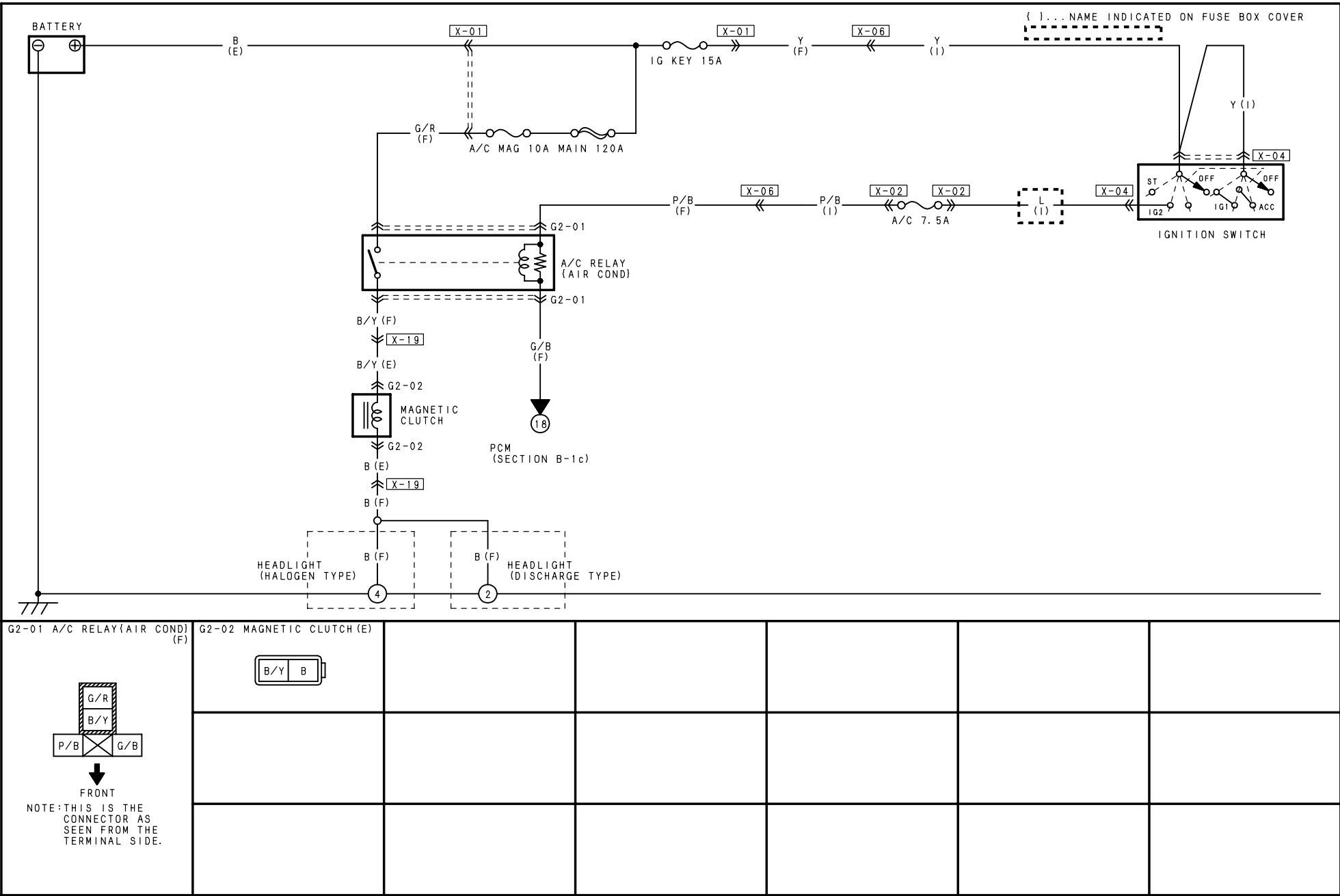


HARNESS SYMBOL:  (F)  (E)  (R)






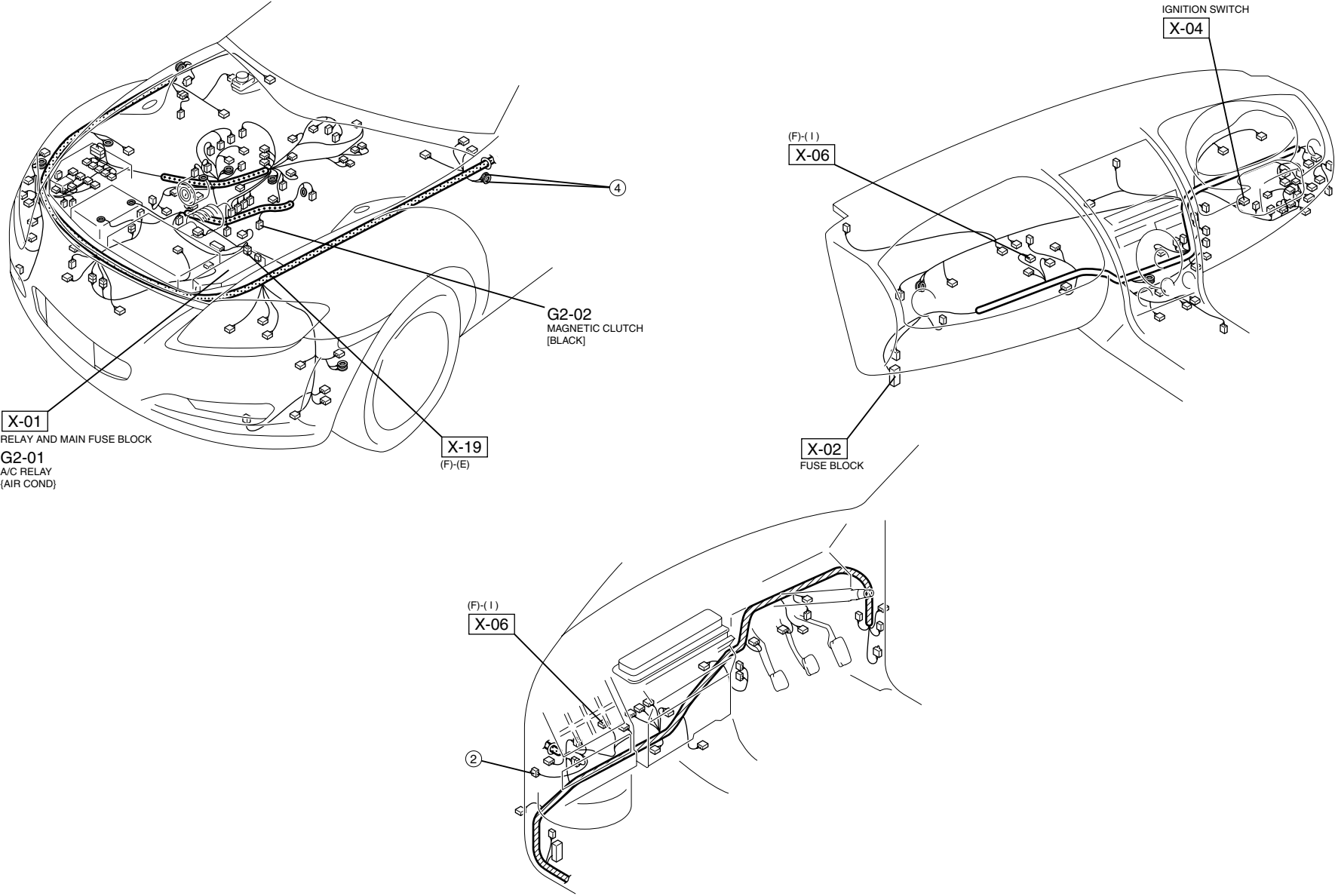
MAGNETIC CLUTCH CONTROL SYSTEM

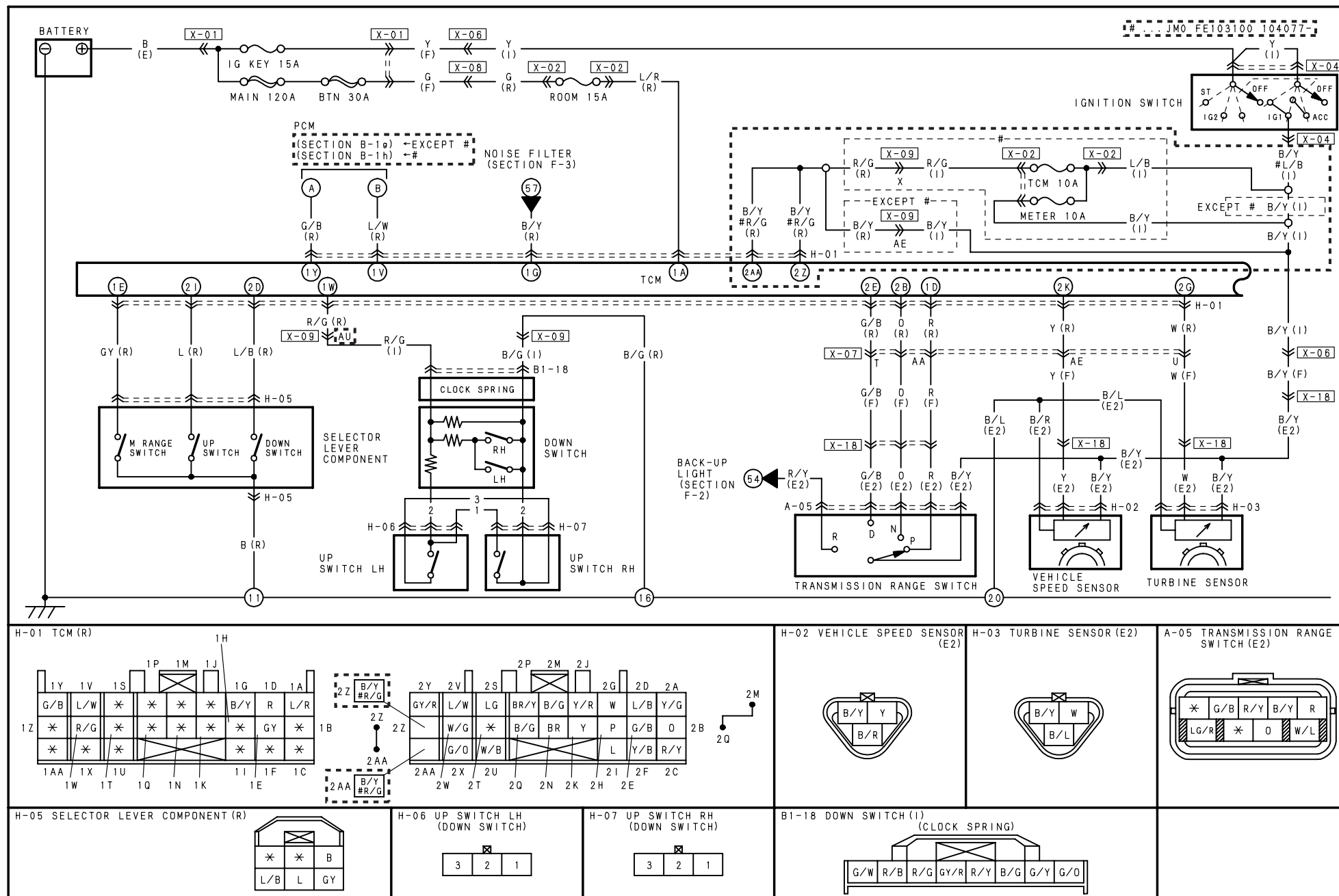
G-2



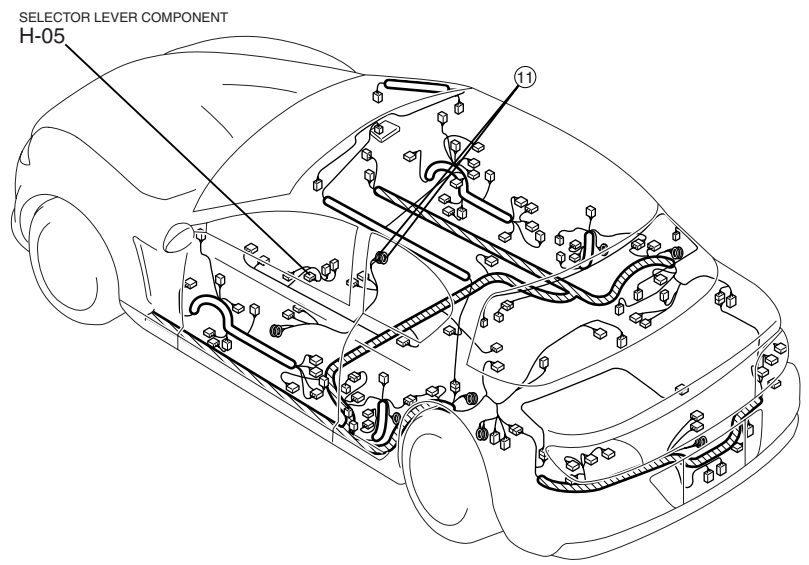
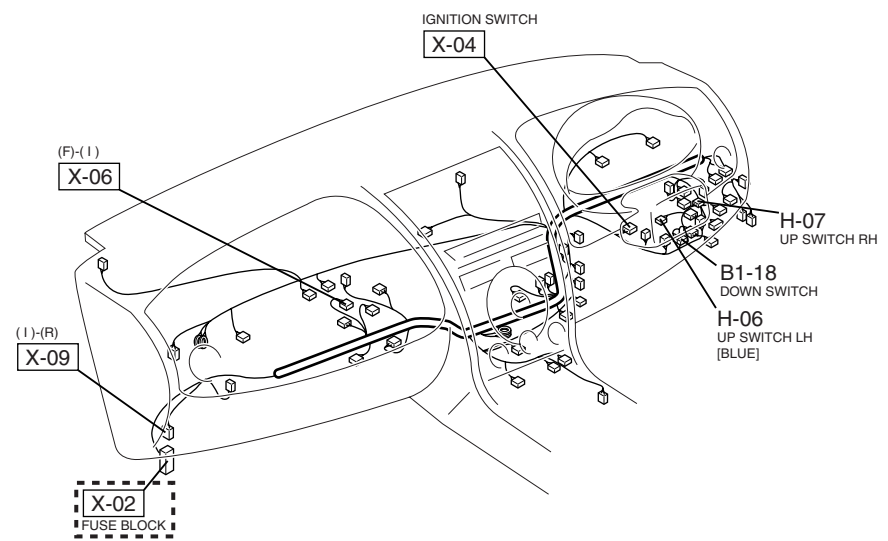
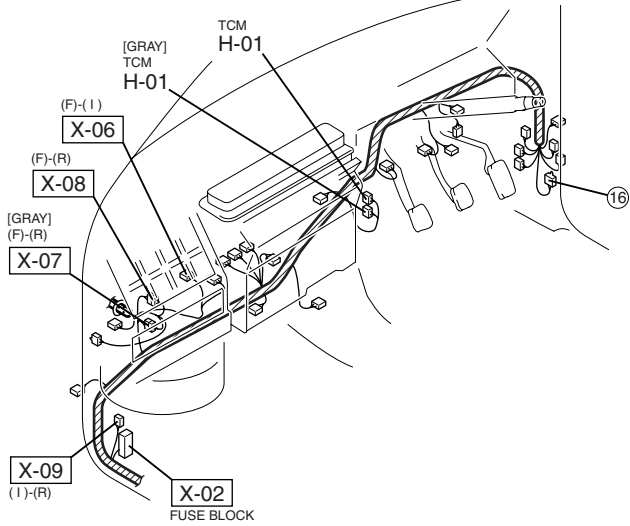
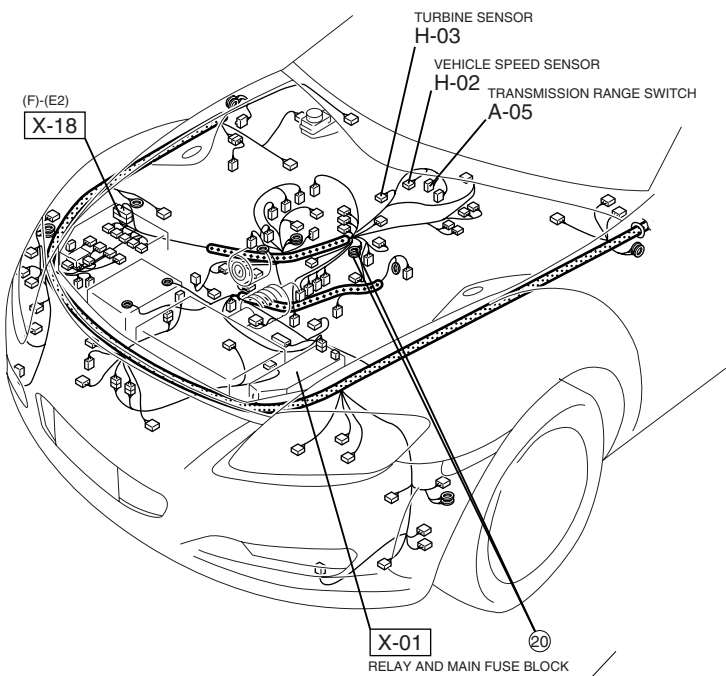
Mazda RX-8 Wiring Diagram (5574-1A-03D)

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

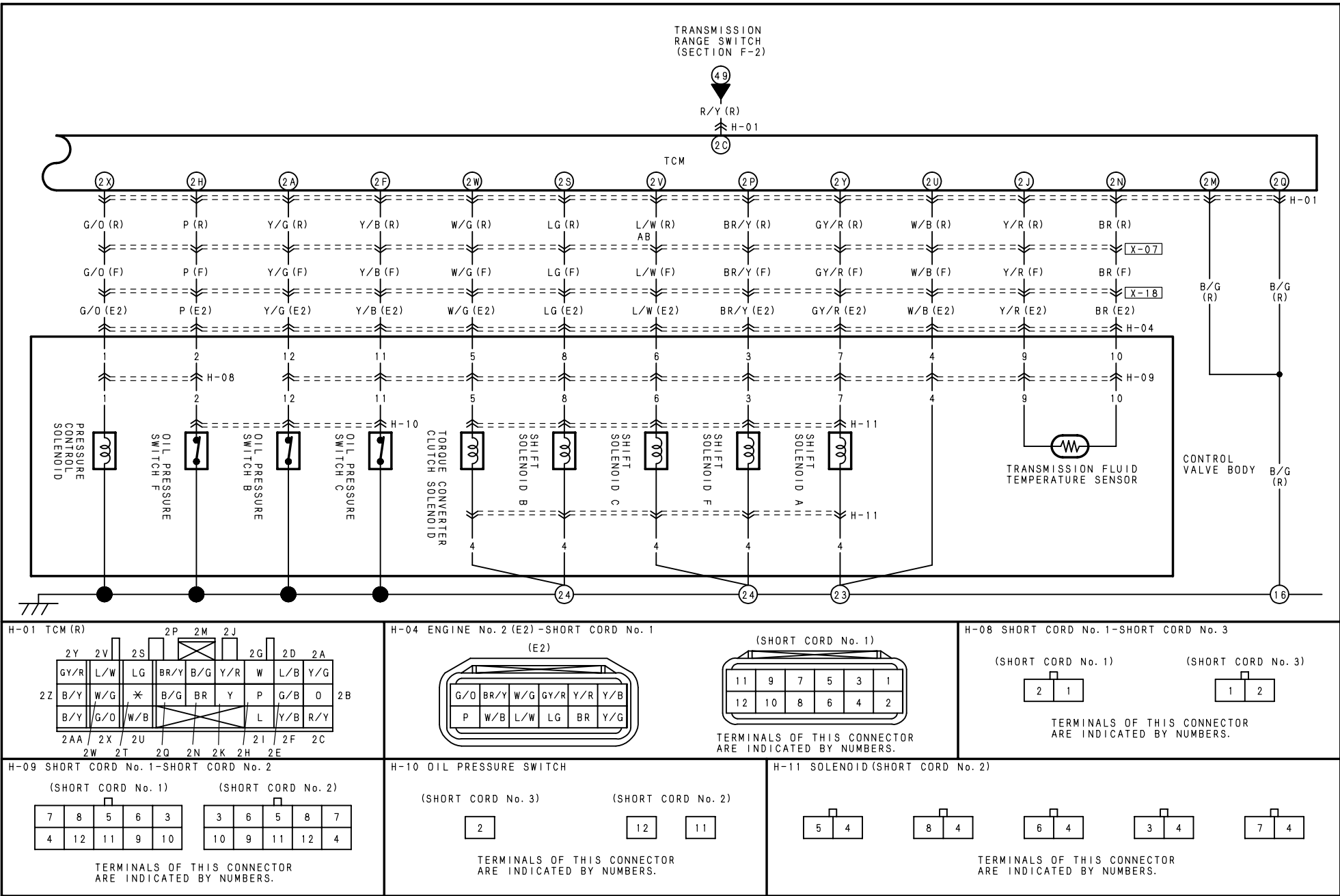







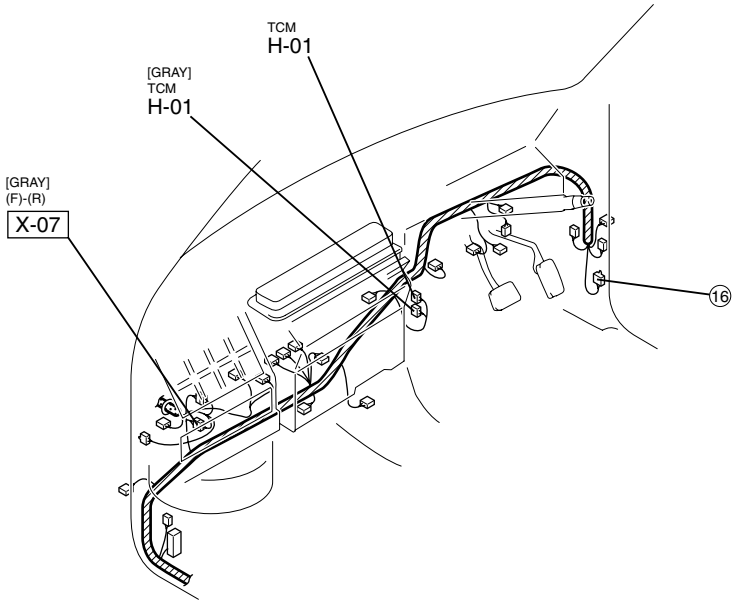
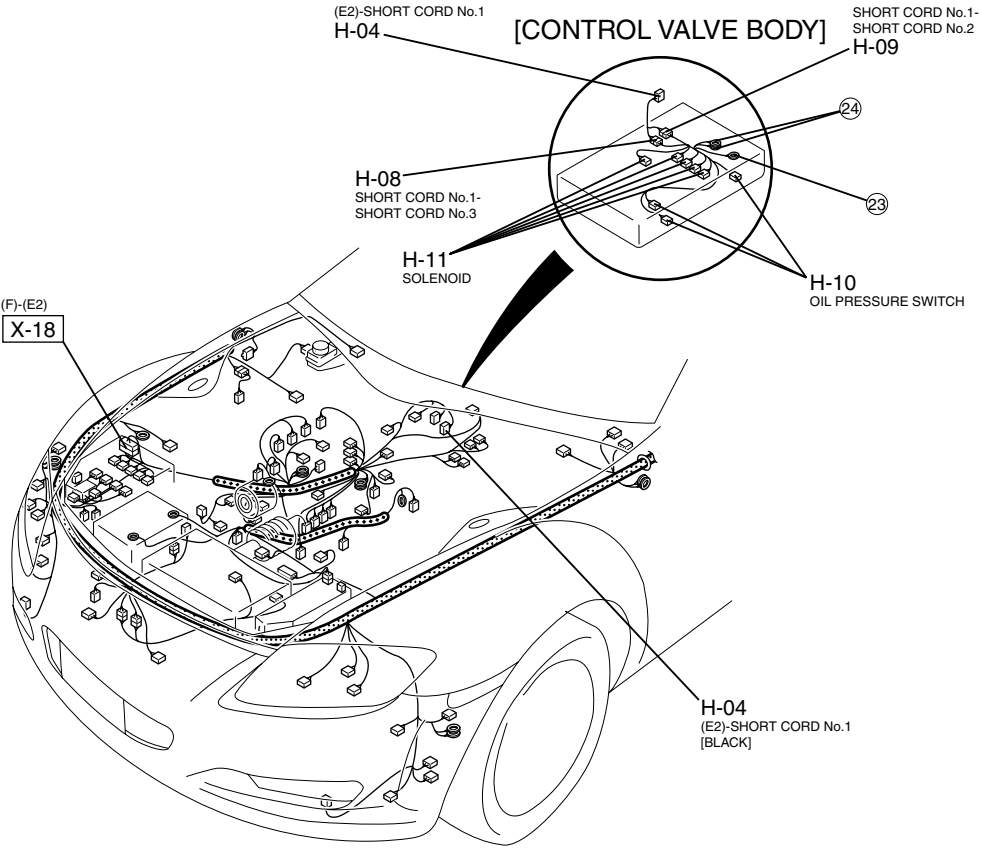
HARNESS SYMBOL:  (F)  (E)  (R)



Mazda RX-8 Wiring Diagram (5574-1*-03D)

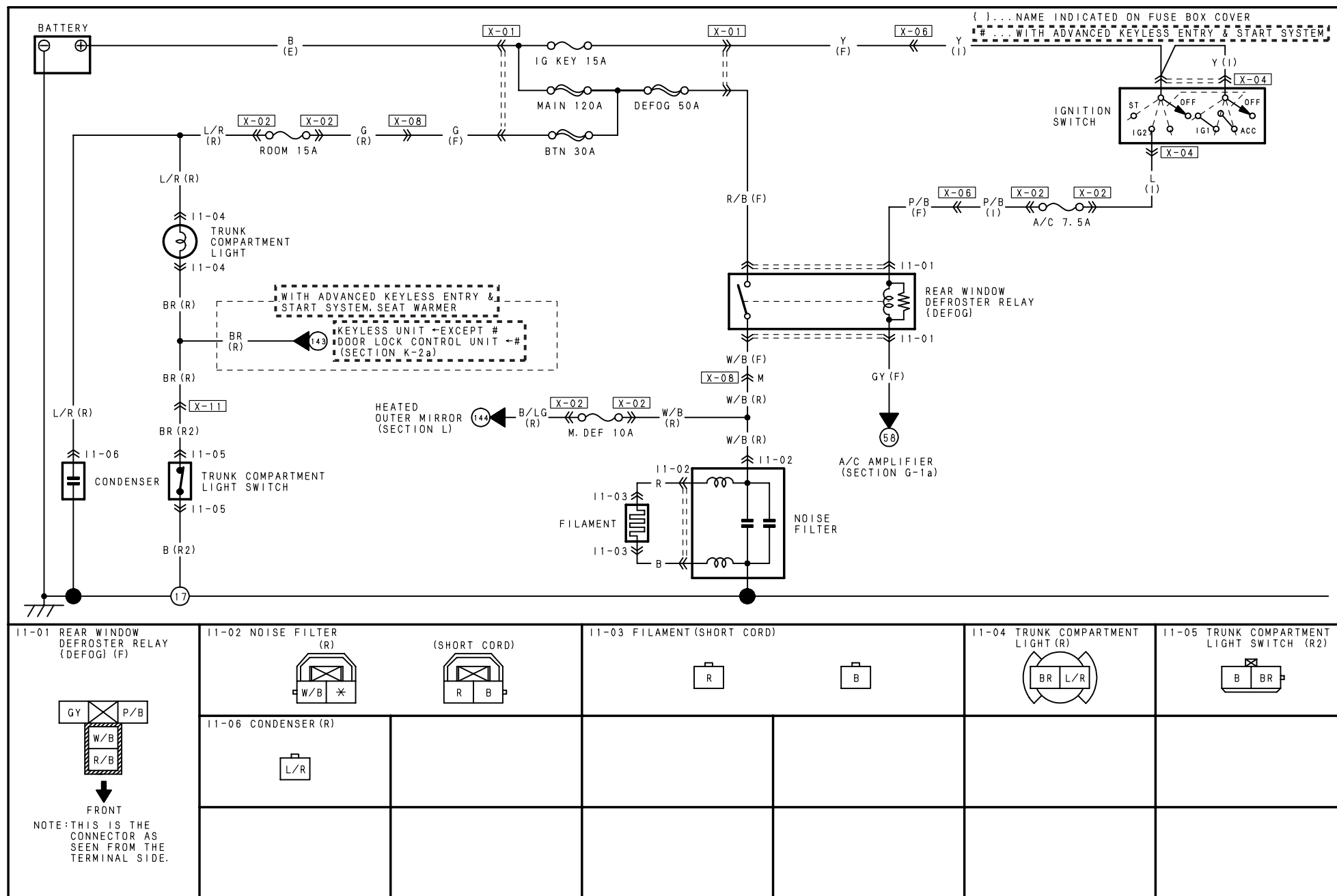





HARNESS SYMBOL:  (F)  (E)  (R)

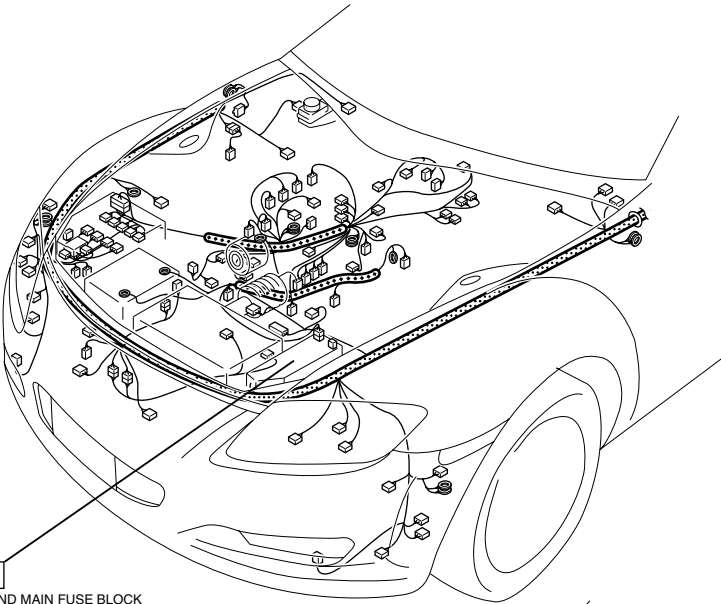


REAR WINDOW DEFROSTER / TRUNK COMPARTMENT LIGHT

I-1



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

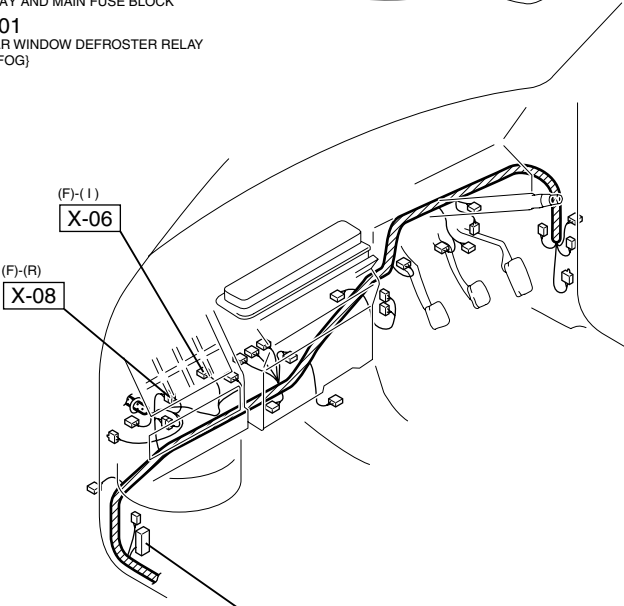


X-01

RELAY AND MAIN FUSE BLOCK

I1-01

REAR WINDOW DEFROSTER RELAY
(DEFOG)



(F)-(1)

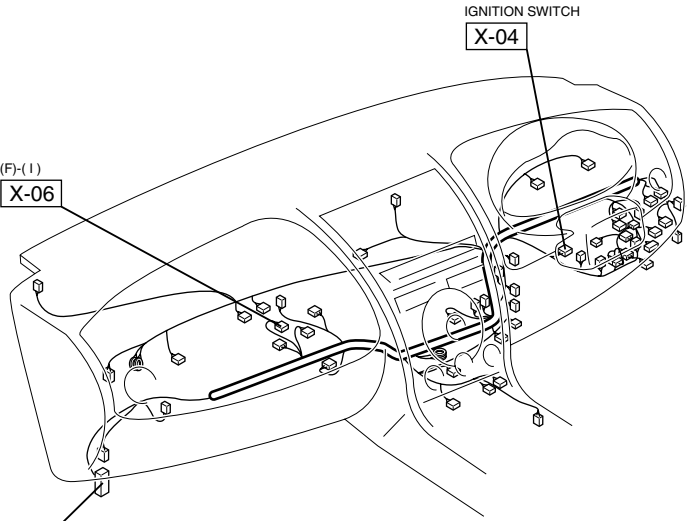
X-06

(F)-(R)

X-08

X-02

FUSE BLOCK



(F)-(1)

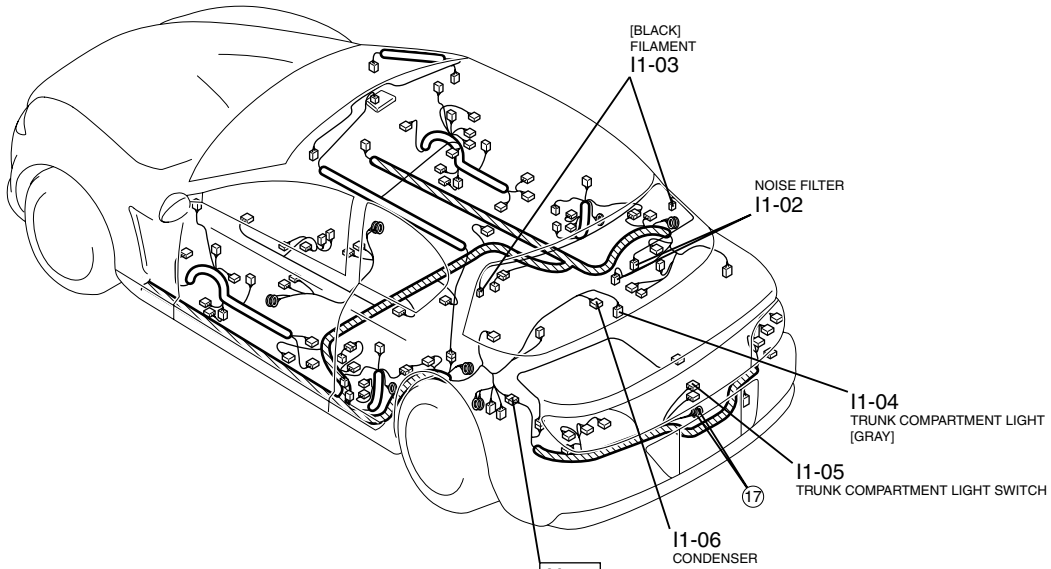
X-06

X-02

FUSE BLOCK

IGNITION SWITCH

X-04



[BLACK]
FILAMENT
I1-03

NOISE FILTER
I1-02

I1-04
TRUNK COMPARTMENT LIGHT
[GRAY]

I1-05
TRUNK COMPARTMENT LIGHT SWITCH

I1-06
CONDENSER
[BLACK]

X-11

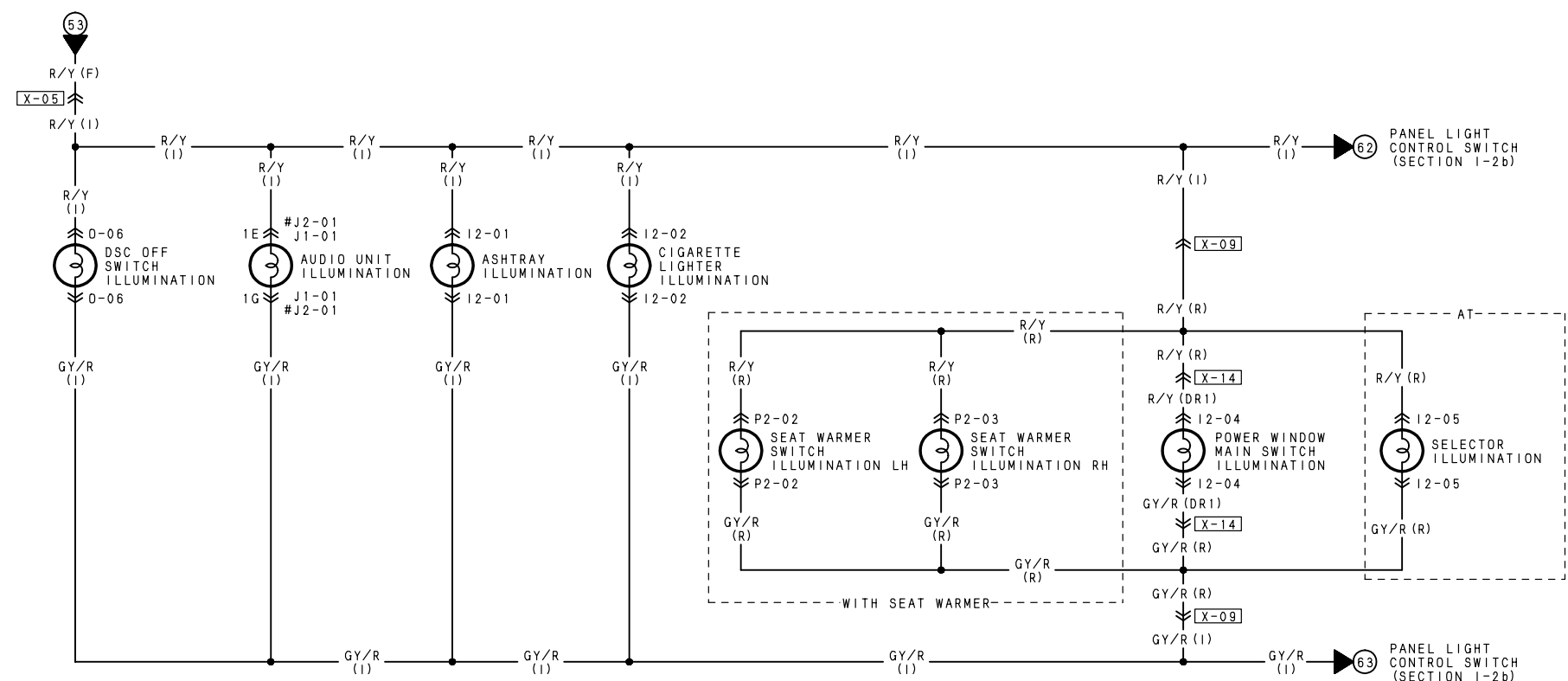
(R)-(R2)

ILLUMINATION LIGHT

I-2a

TNS RELAY
{TAIL}
(SECTION E-1, E-2)

... WITH BOSE



I2-01 ASHTRAY
ILLUMINATION (I)



I2-02 CIGARETTE LIGHTER
ILLUMINATION (I)



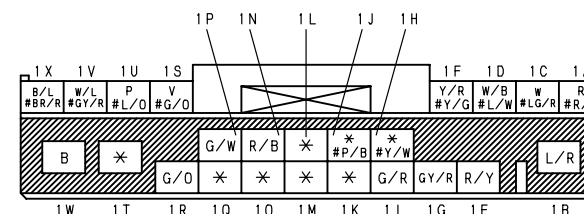
I2-04 POWER WINDOW MAIN
SWITCH ILLUMINATION
(DR1)



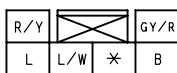
I2-05 SELECTOR
ILLUMINATION (R)



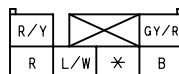
#1 J1-01 AUDIO UNIT ILLUMINATION (I)
#2 J2-01






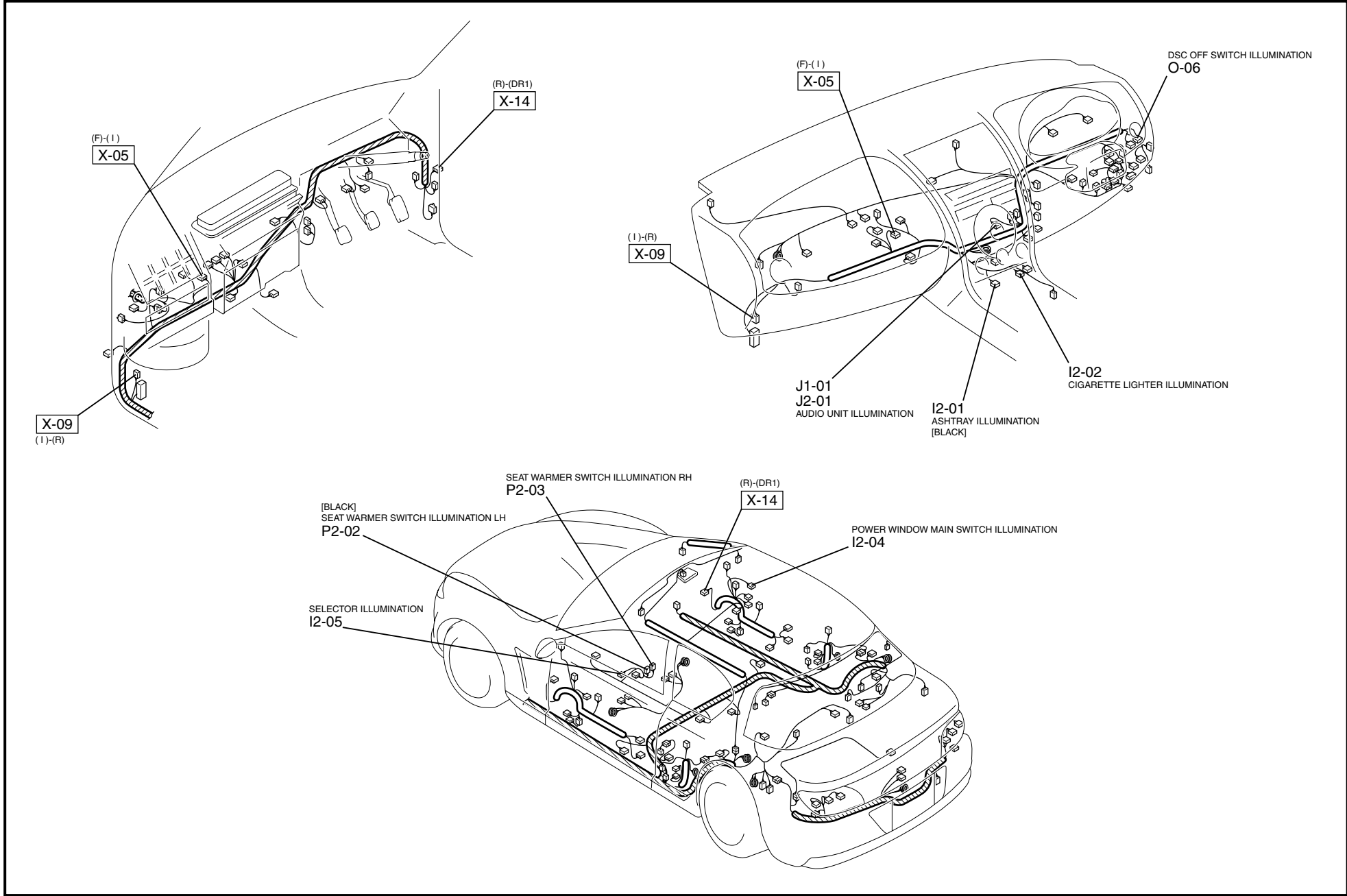
P2-02 SEAT WARMER SWITCH ILLUMINATION LH (R)



P2-03 SEAT WARMER SWITCH ILLUMINATION RH (R)

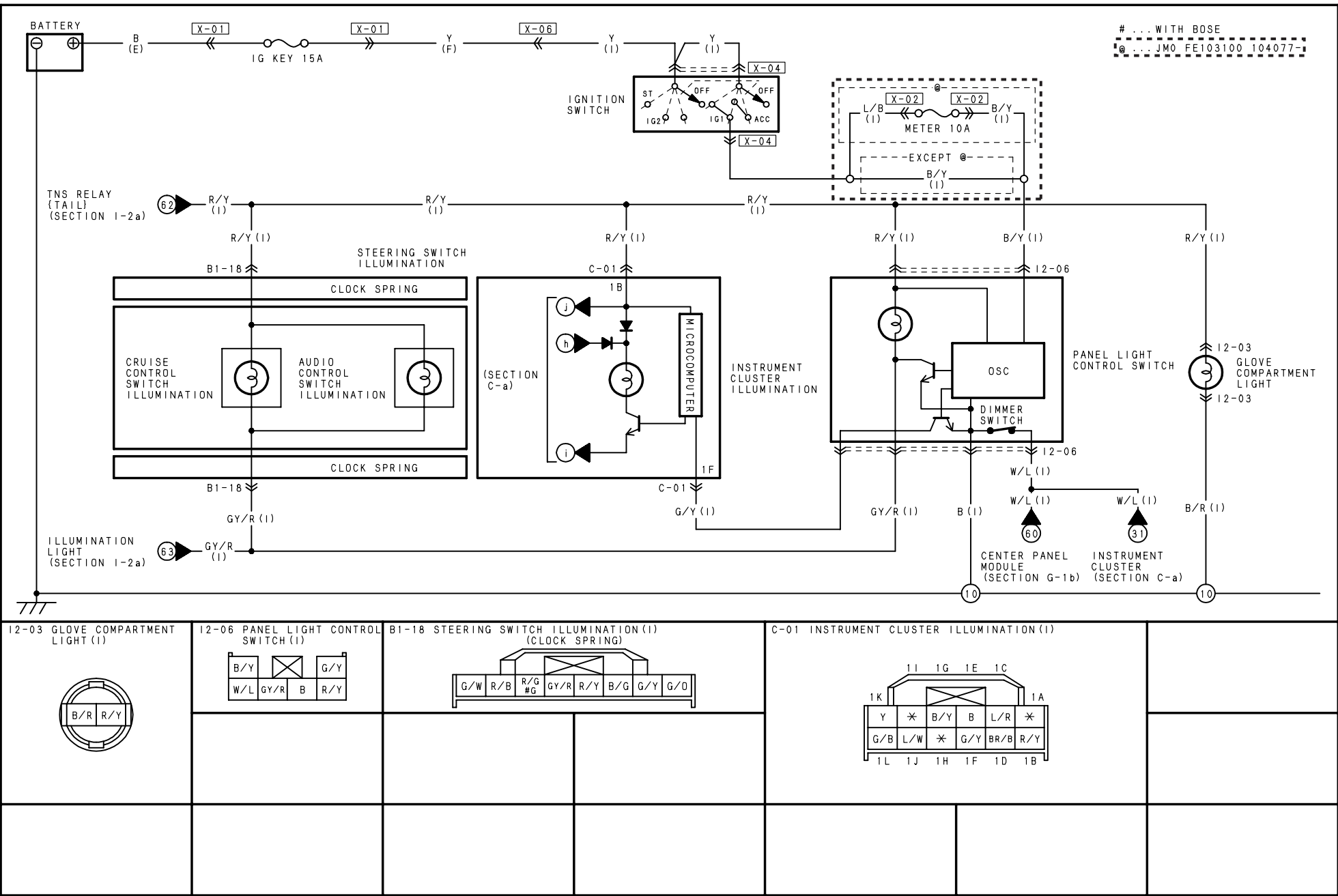



HARNESS SYMBOL:  (F)  (E)  (R)

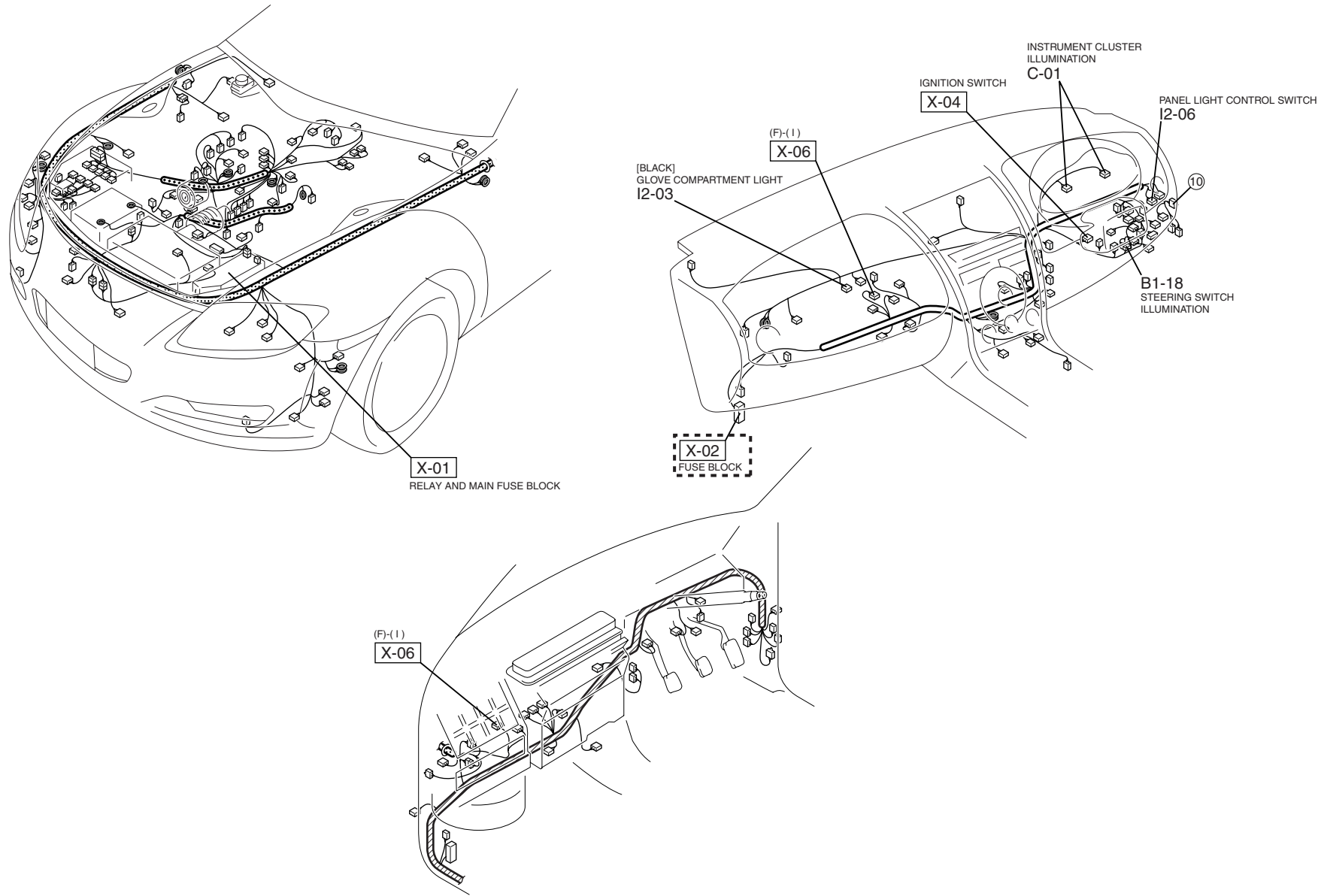


ILLUMINATION LIGHT

I-2b

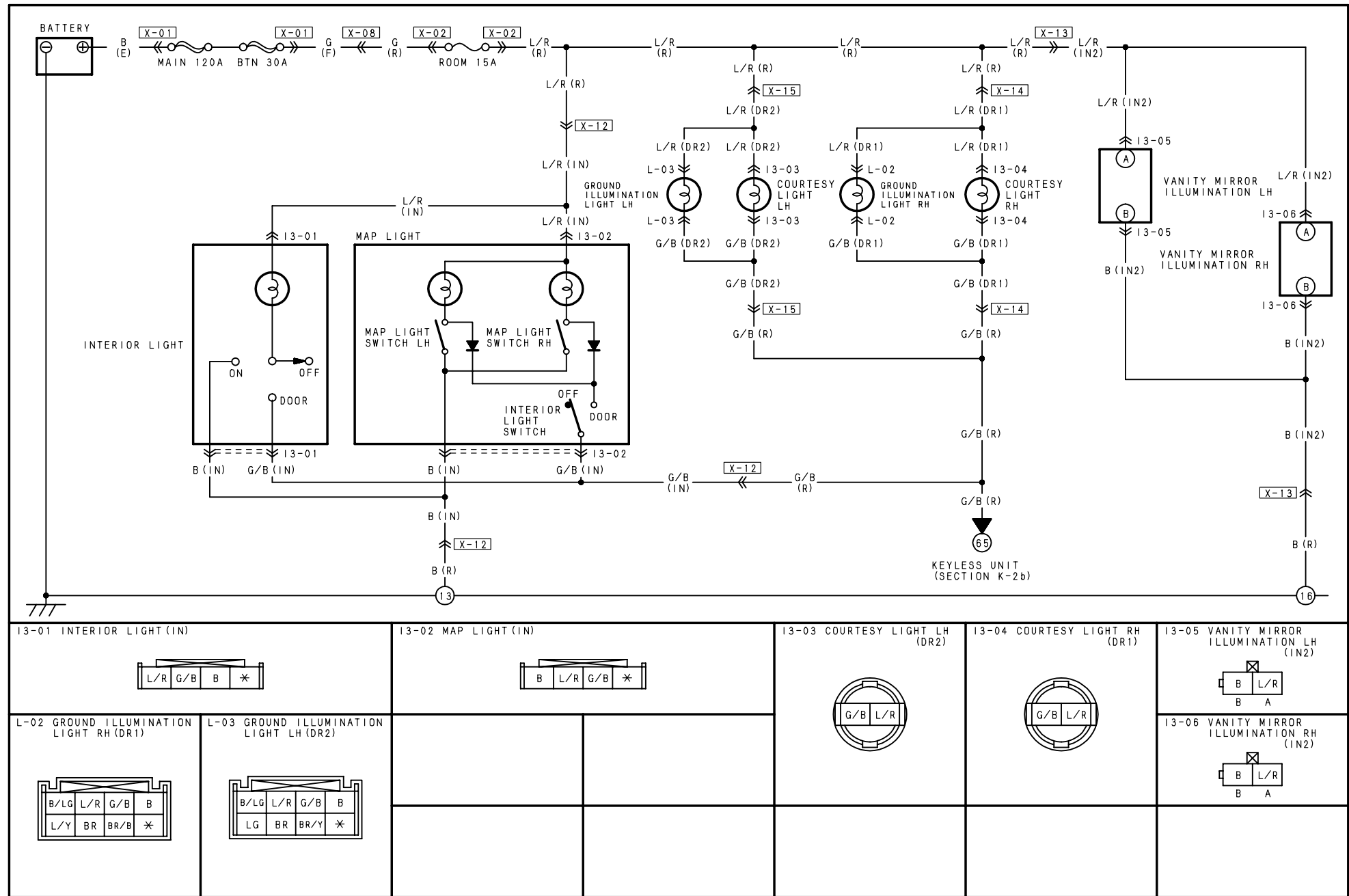





HARNESS SYMBOL:  (F)  (E)  (R)

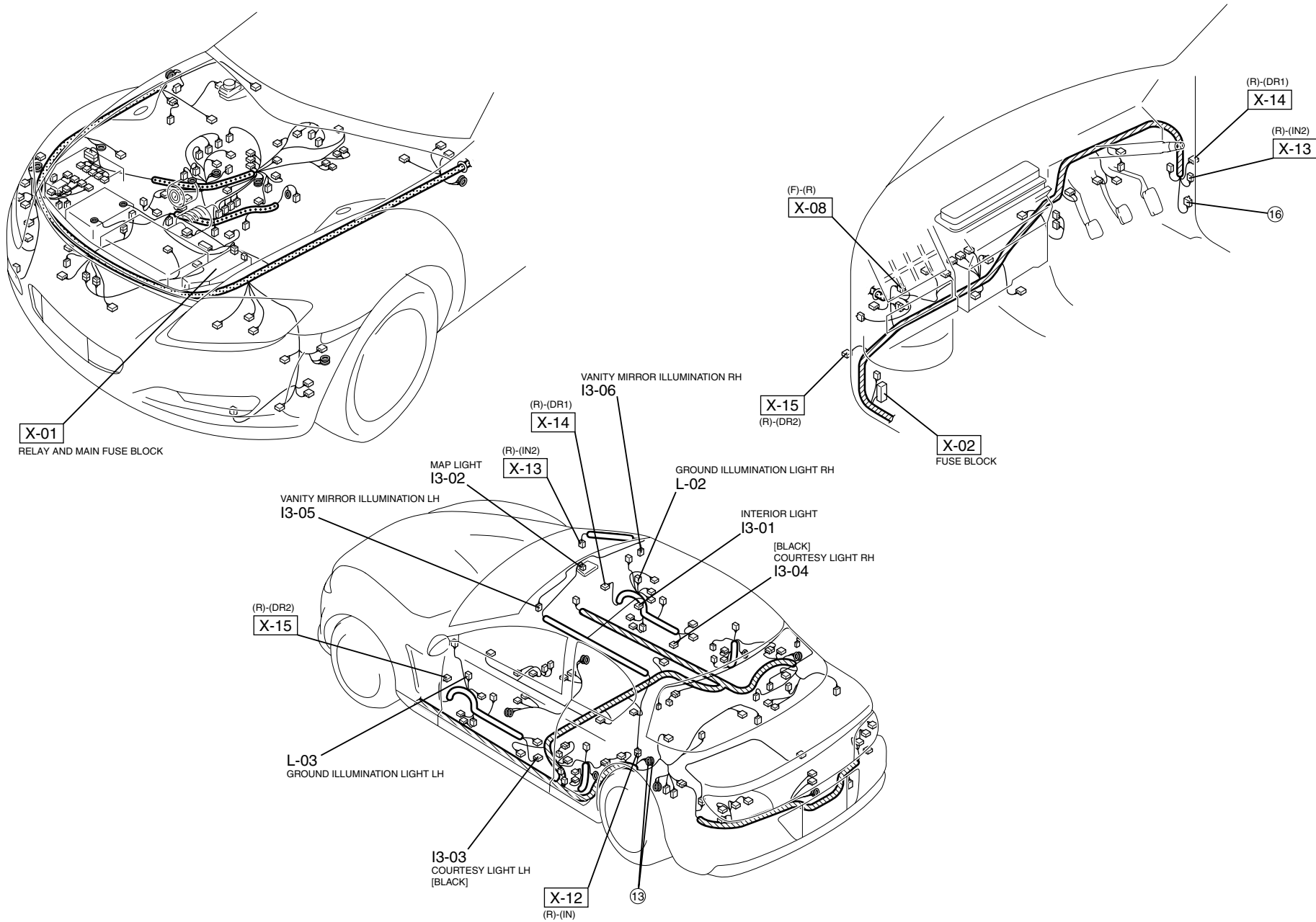


COURTESY LIGHT / GROUND ILLUMINATION LIGHT / INTERIOR LIGHT / MAP LIGHT / VANITY MIRROR ILLUMINATION I-3

98

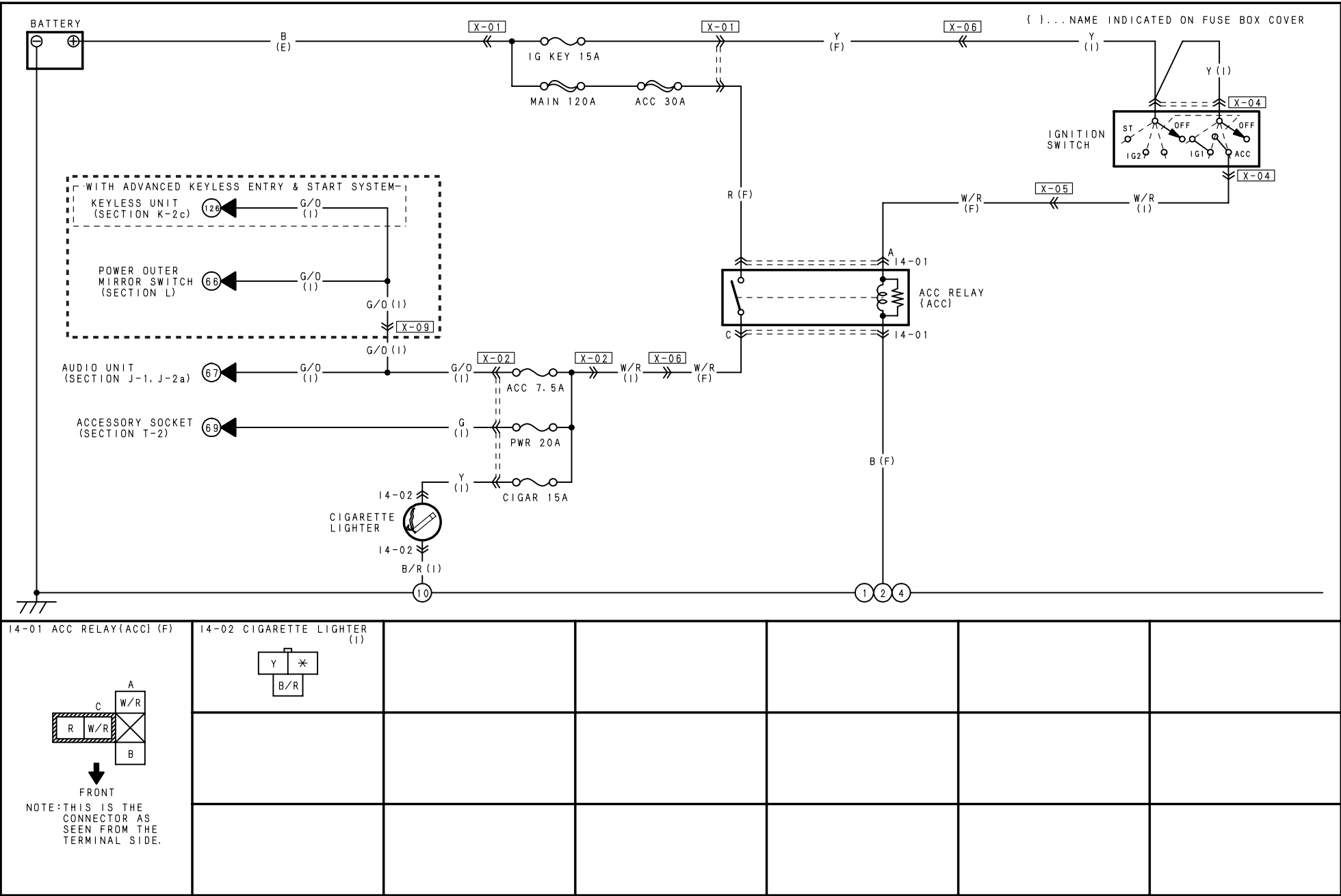





HARNESS SYMBOL:  (F)  (E)  (R)

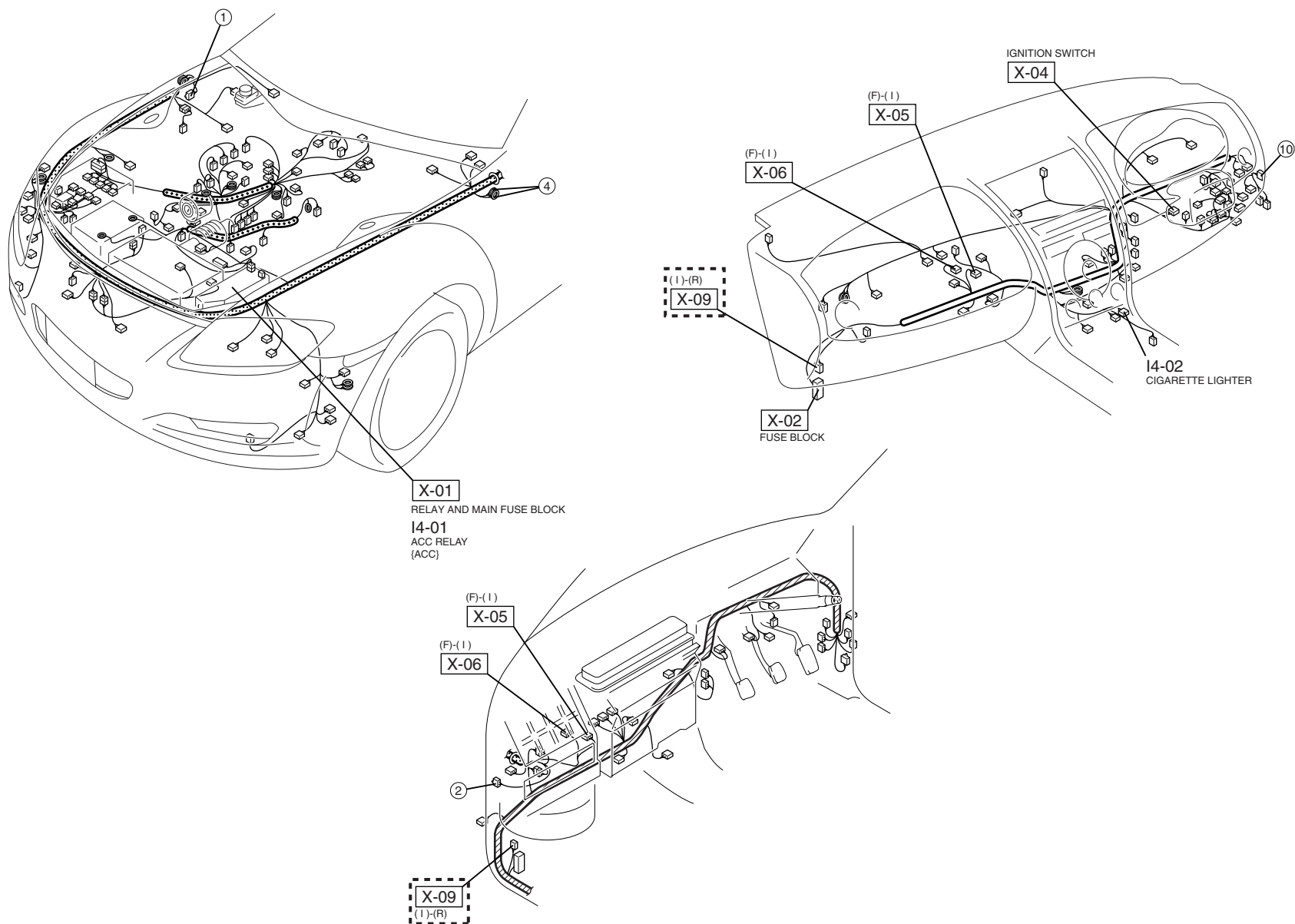


ACC RELAY / CIGARETTE LIGHTER

I-4

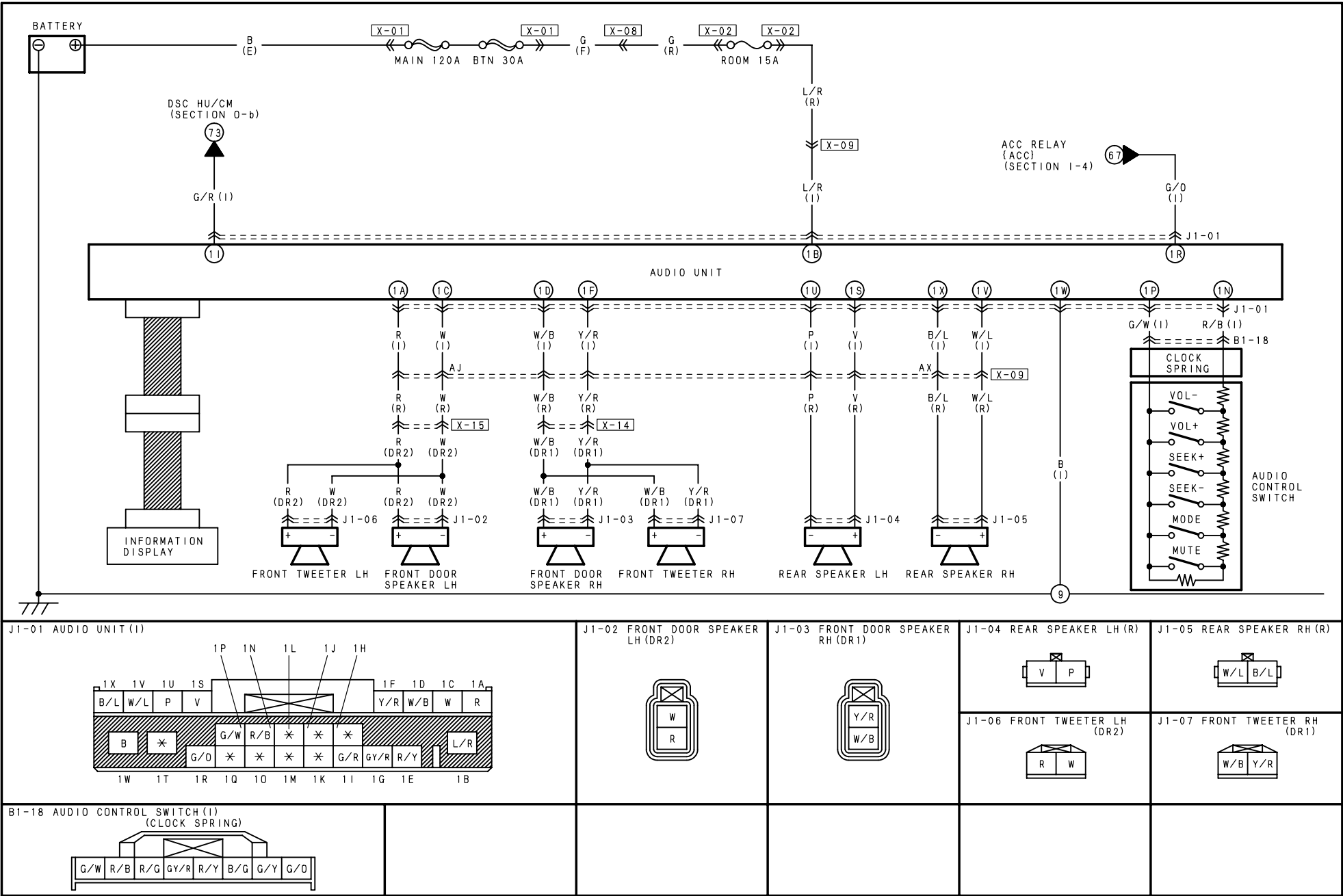


HARNESS SYMBOL:  (F)  (E)  (R)

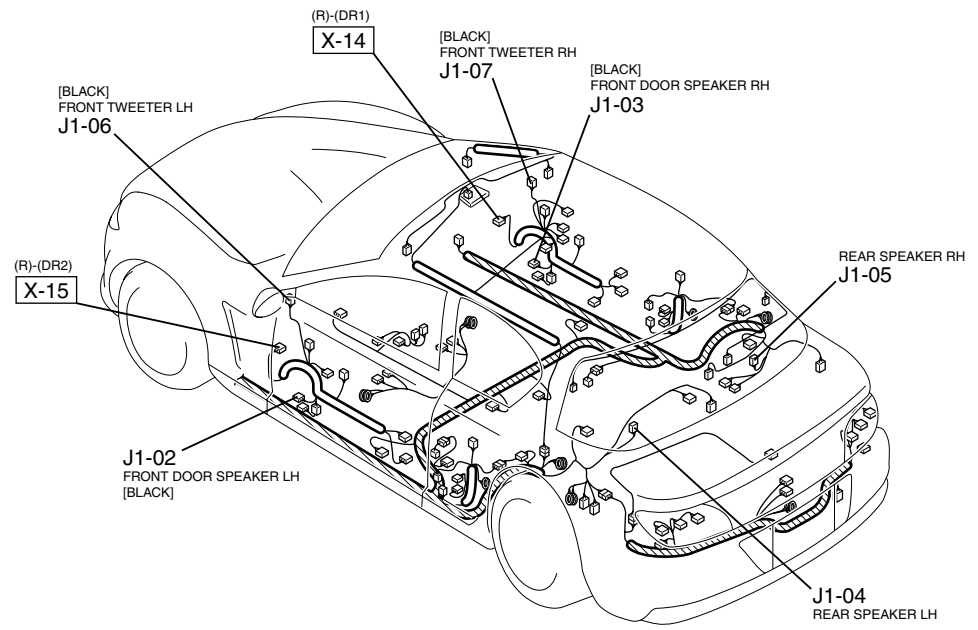
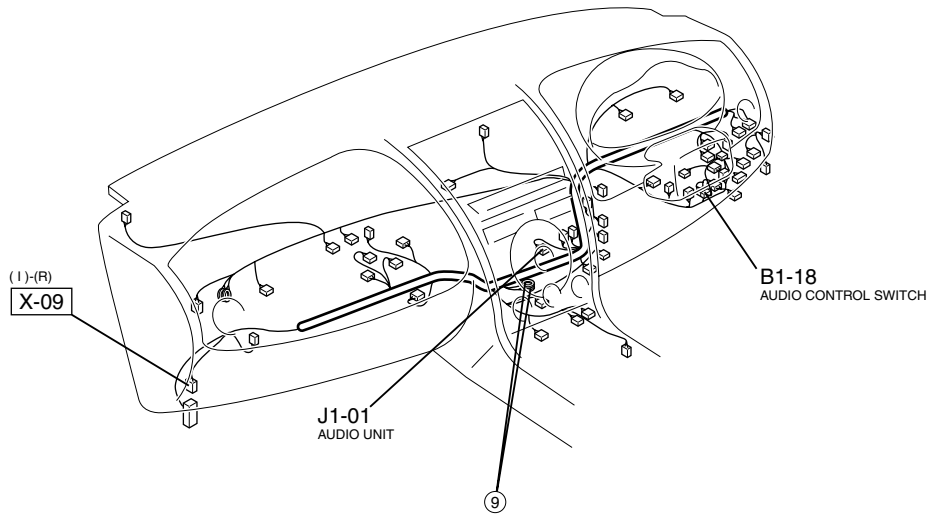
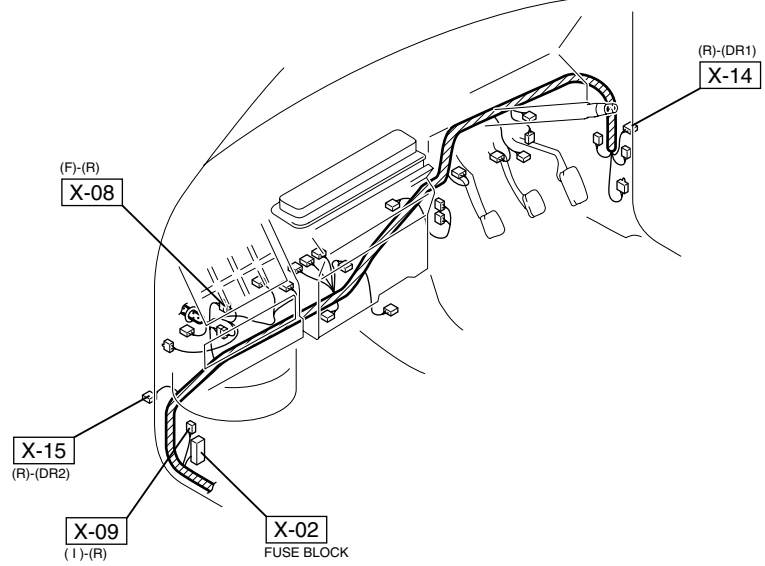
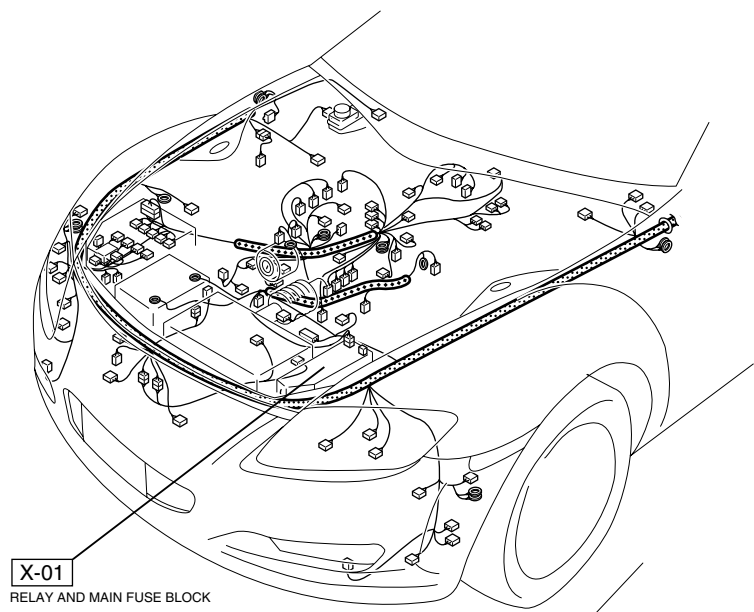





AUDIO SYSTEM (WITHOUT BOSE)

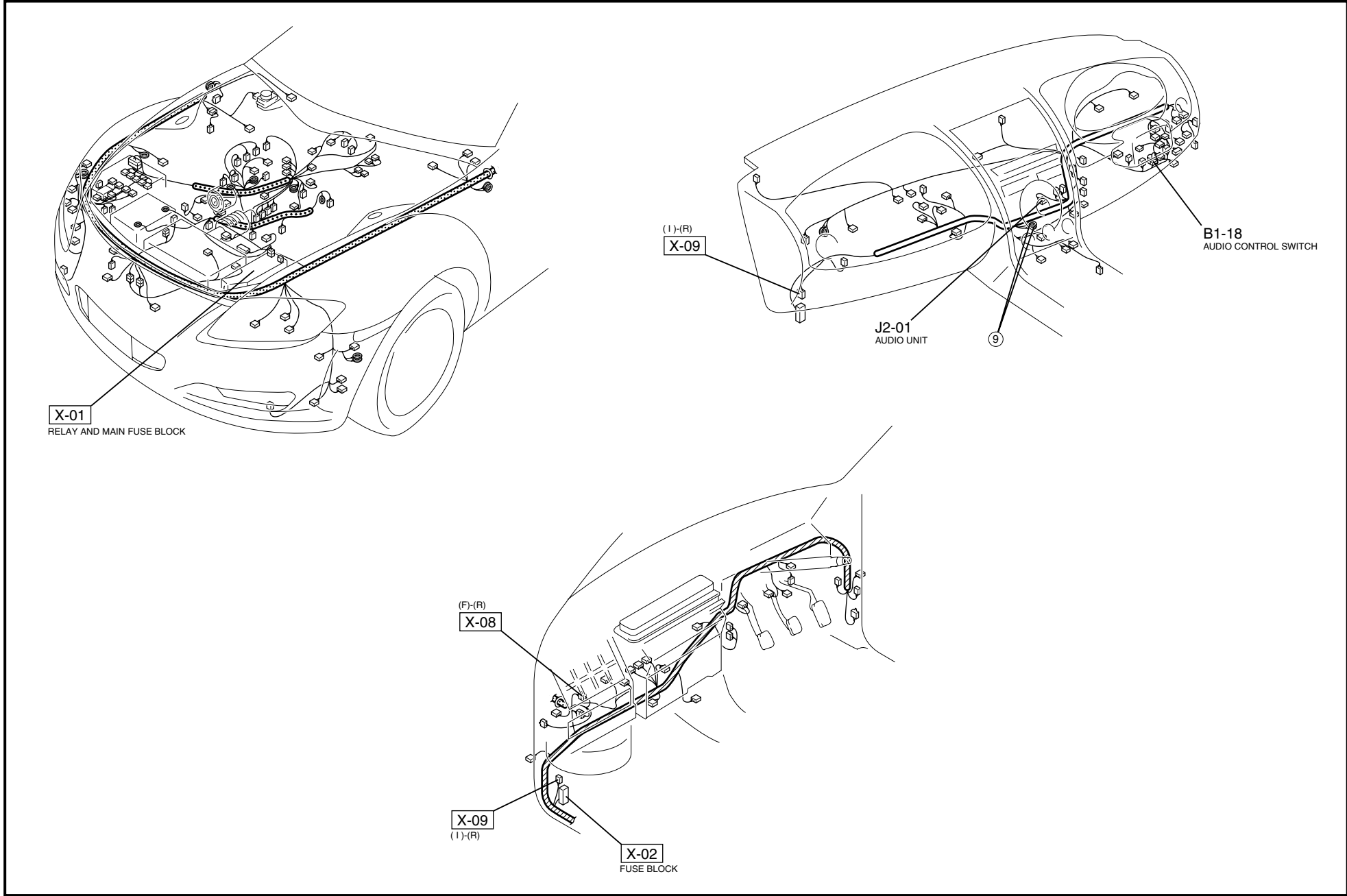
J-1



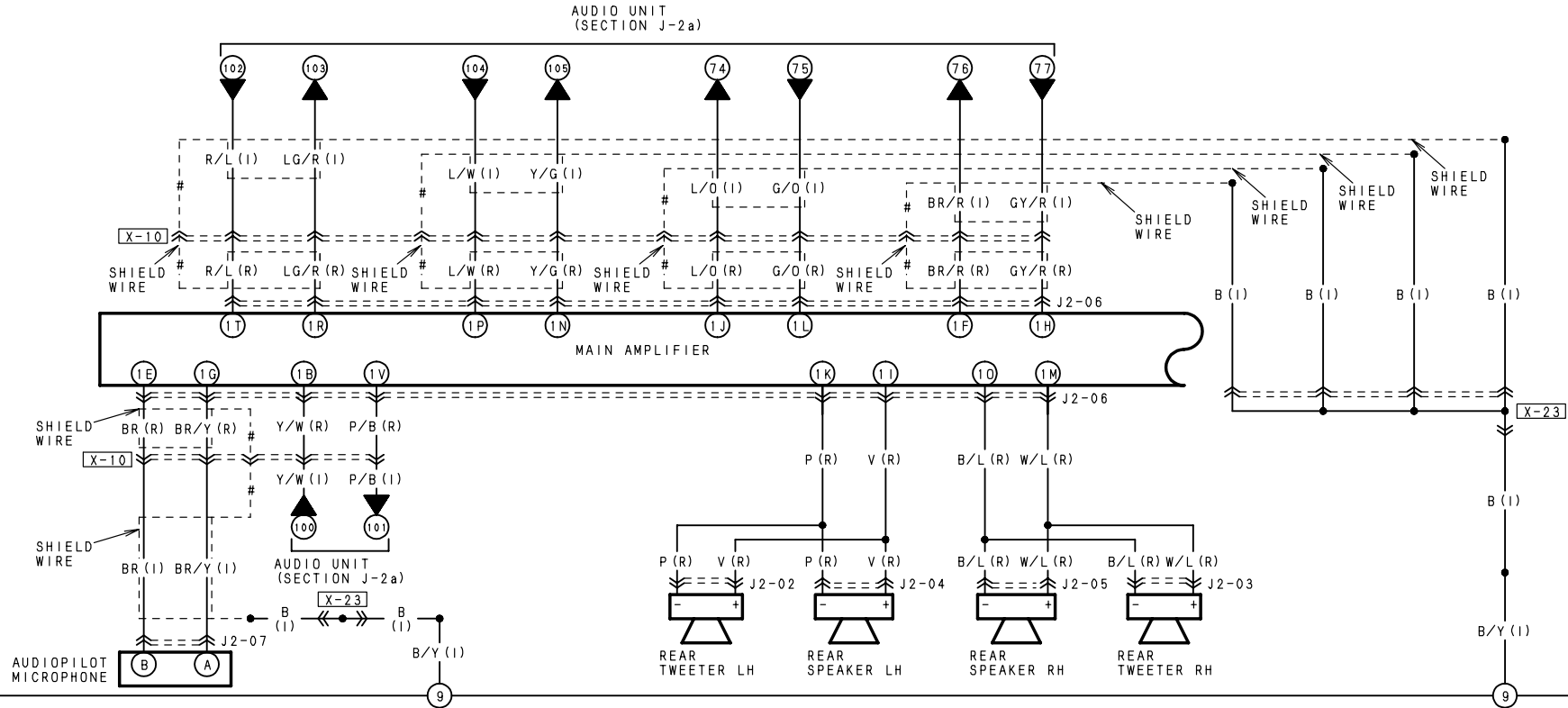
HARNESS SYMBOL:  (F)  (E)  (R)

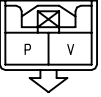
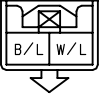
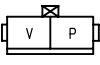

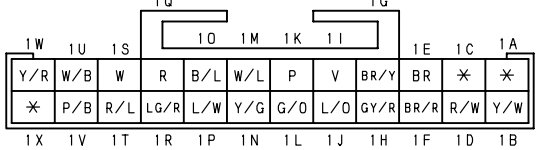



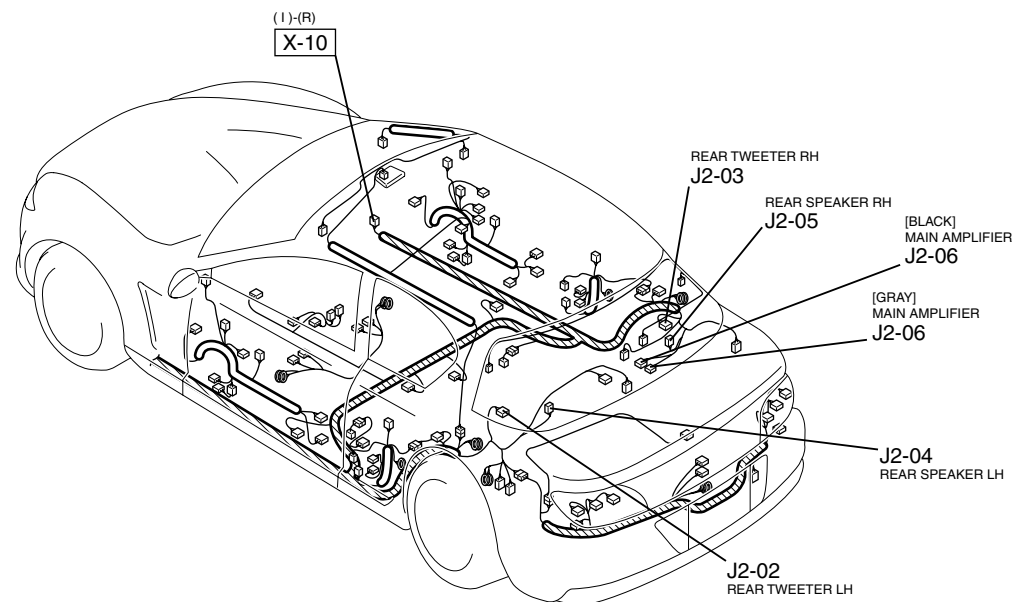
HARNESS SYMBOL:  (F)  (E)  (R)

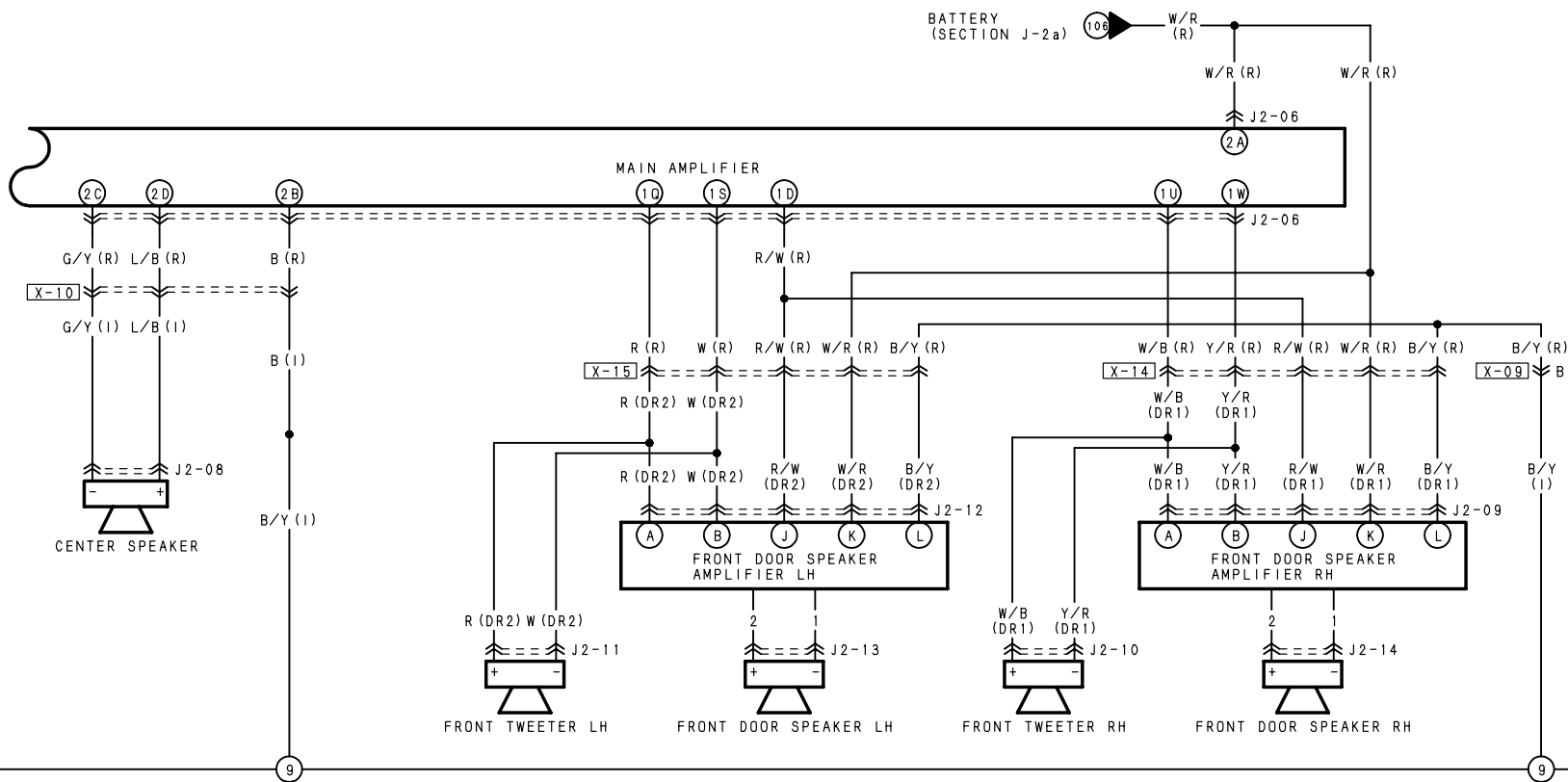


... BARE WIRE

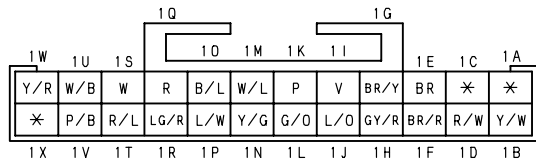


J2-02 REAR TWEETER LH (R) 	J2-03 REAR TWEETER RH (R) 	J2-04 REAR SPEAKER LH (R) 	J2-05 REAR SPEAKER RH (R) 	J2-06 MAIN AMPLIFIER (R) 
J2-07 AUDIOPILLOT MICROPHONE (I)  "AudioPilot" is a registered trademark of Bose Corporation.				

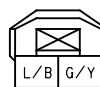




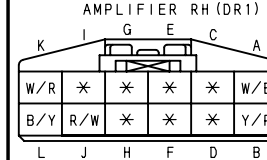
J2-06 MAIN AMPLIFIER (R)



J2-08 CENTER SPEAKER (I)



J2-09 FRONT DOOR SPEAKER AMPLIFIER RH (DR1)



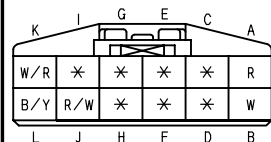
J2-10 FRONT TWEETER RH (DR1)



J2-11 FRONT TWEETER LH (DR2)



J2-12 FRONT DOOR SPEAKER AMPLIFIER LH (DR2)



J2-13 FRONT DOOR SPEAKER LH (FRONT DOOR SPEAKER AMPLIFIER LH)






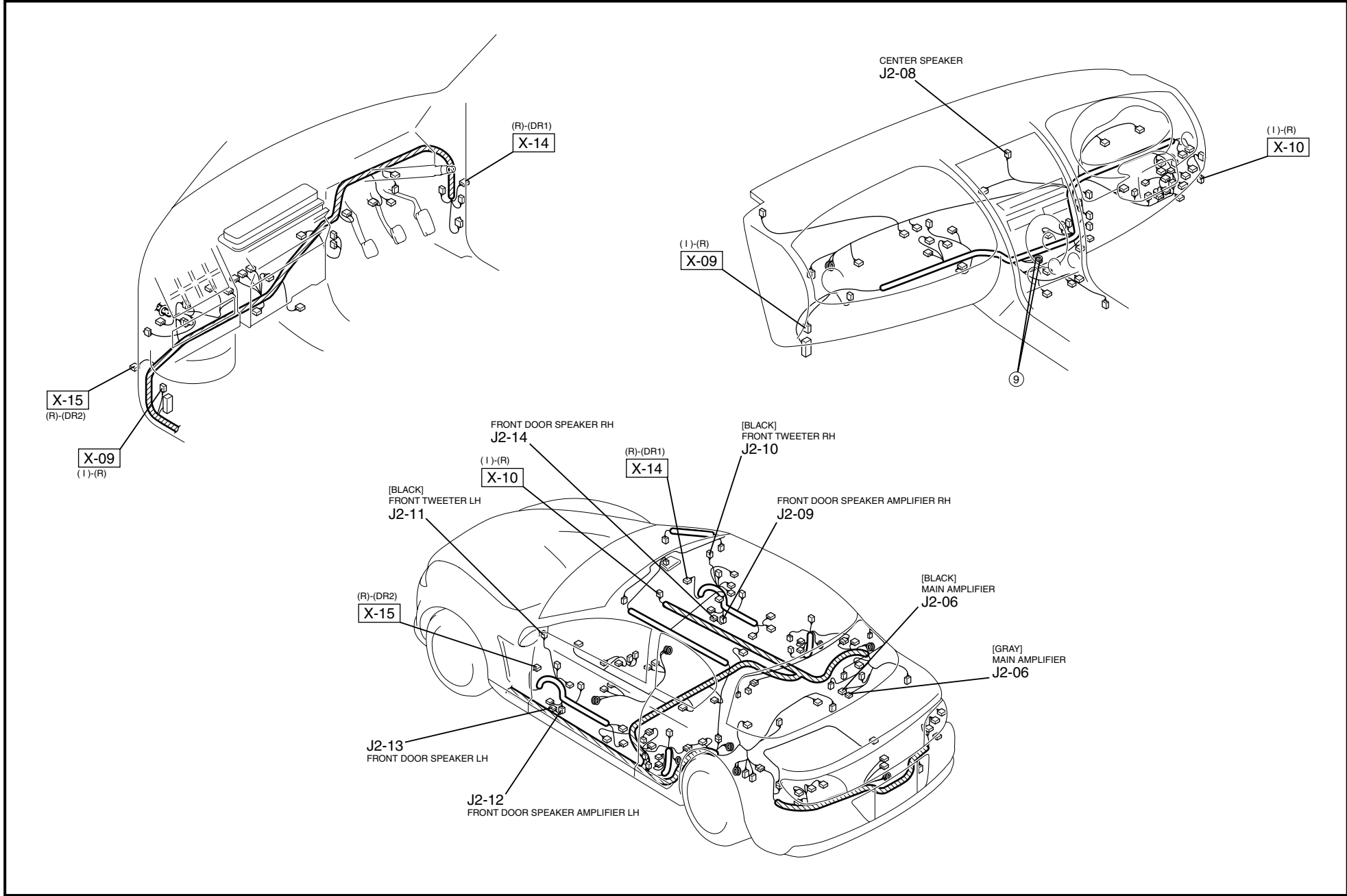
TERMINALS OF THIS CONNECTOR ARE INDICATED BY NUMBERS.

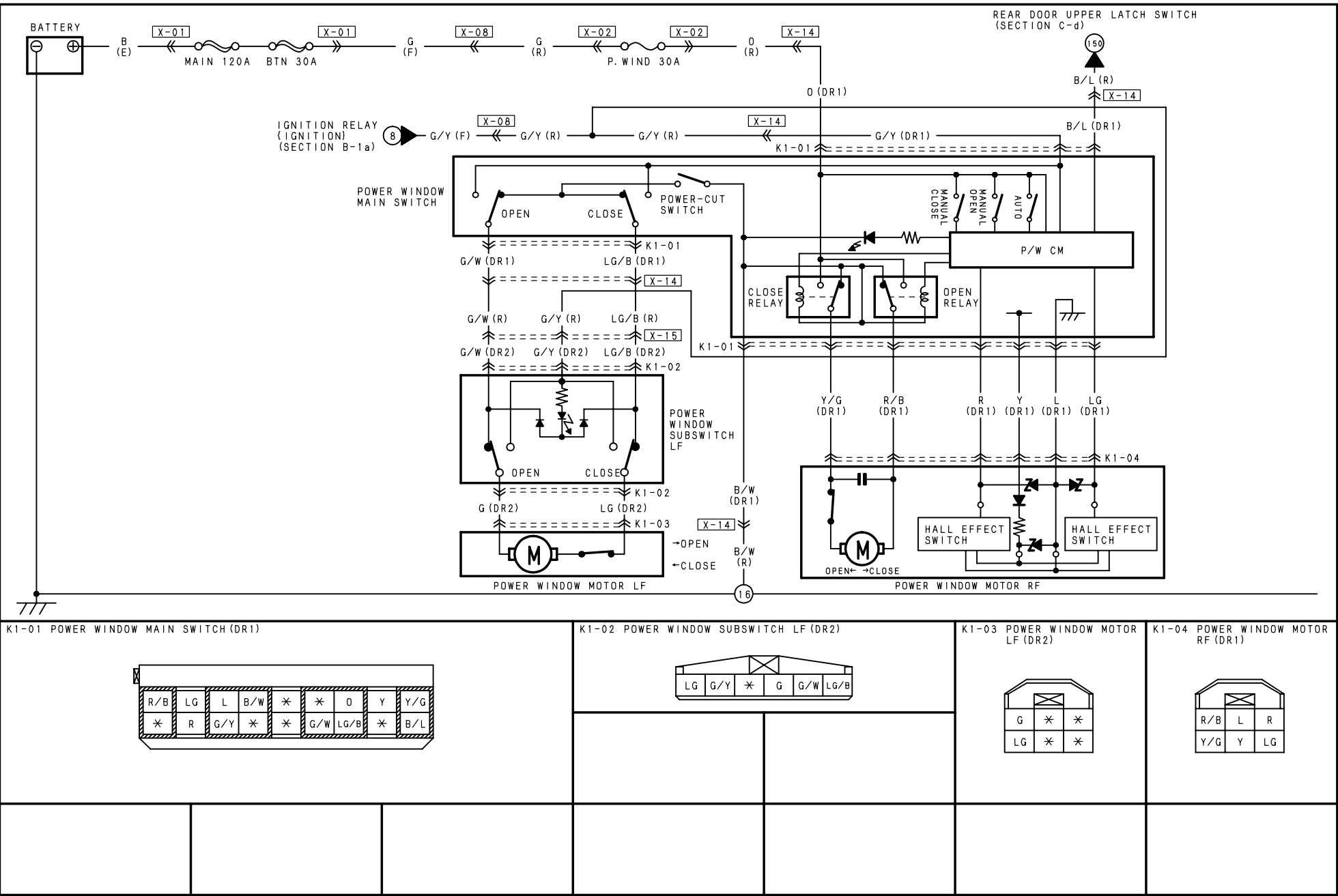
J2-14 FRONT DOOR SPEAKER RH (FRONT DOOR SPEAKER AMPLIFIER RH)





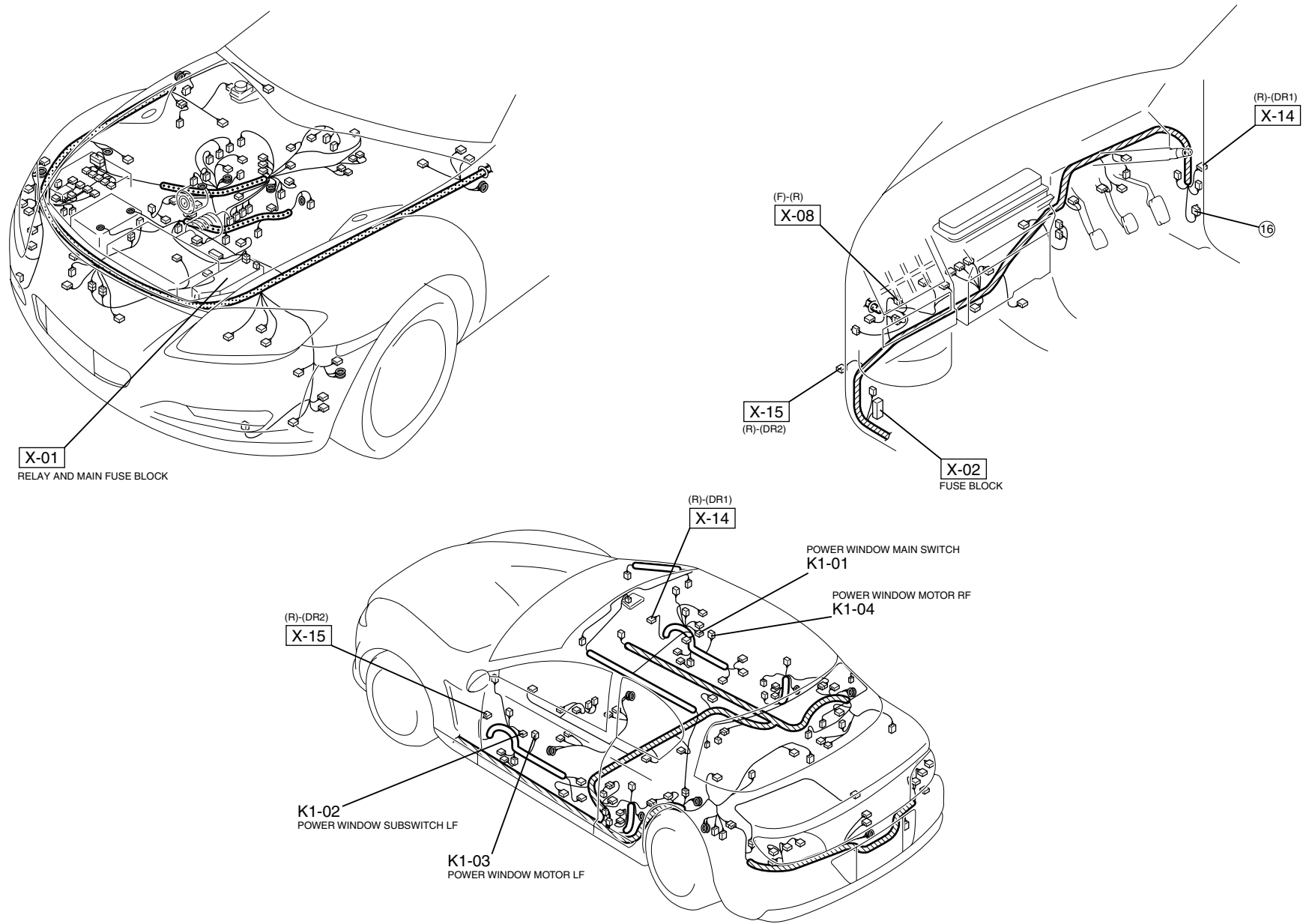
TERMINALS OF THIS CONNECTOR ARE INDICATED BY NUMBERS.

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



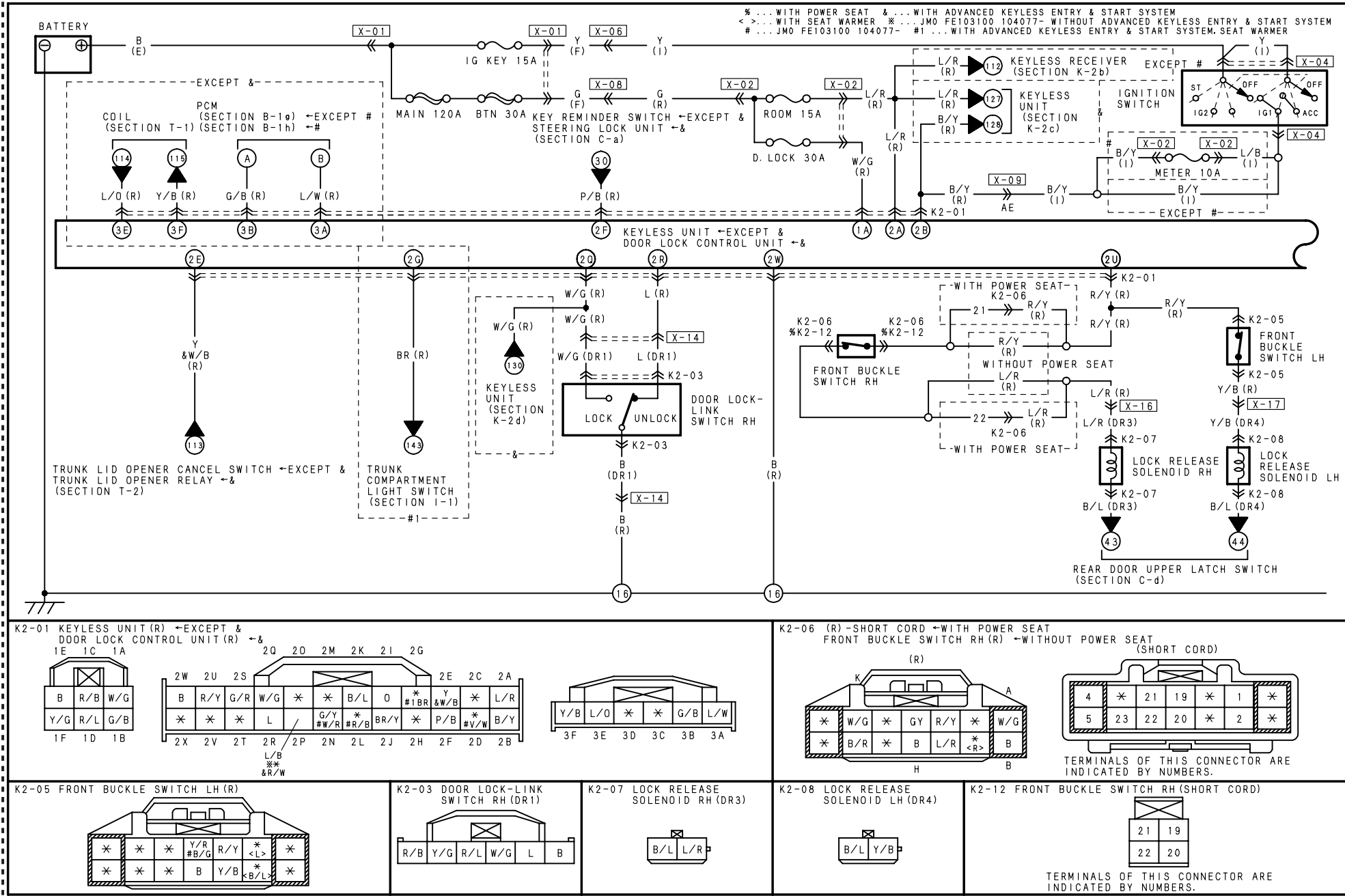


HARNESS SYMBOL:  (F)  (E)  (R)

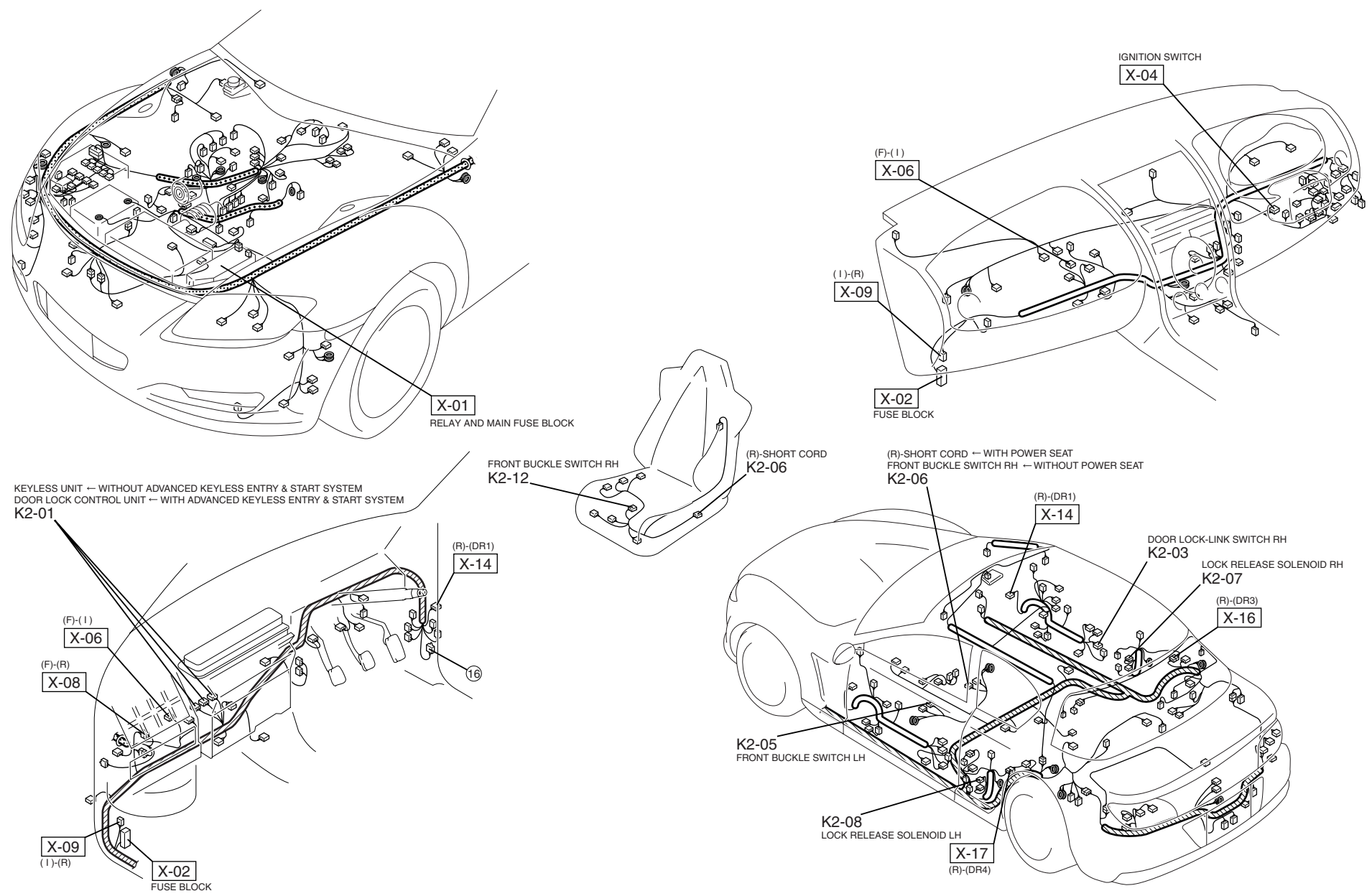


KEYLESS UNIT

K-2a

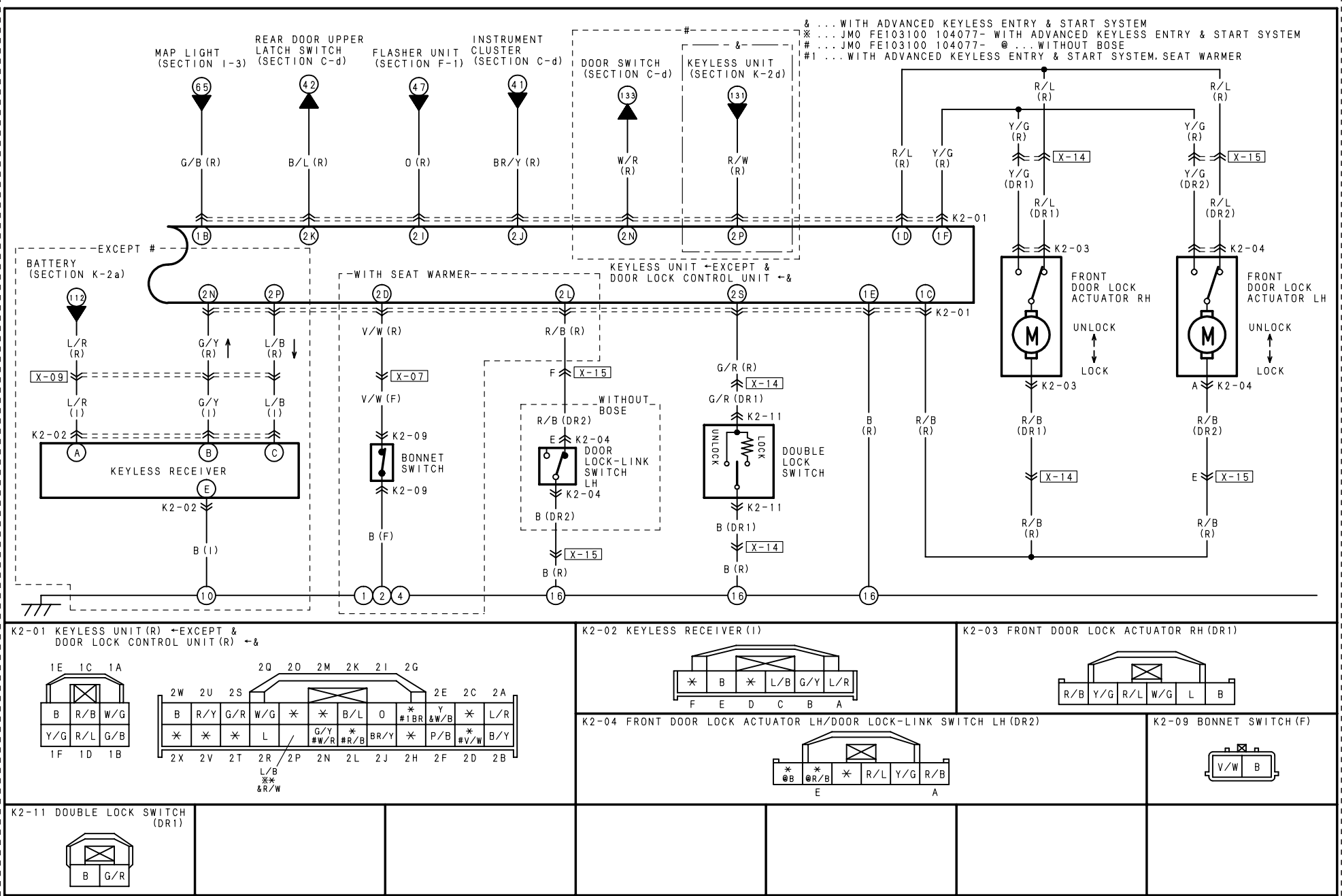




HARNESS SYMBOL:  (F)  (E)  (R)

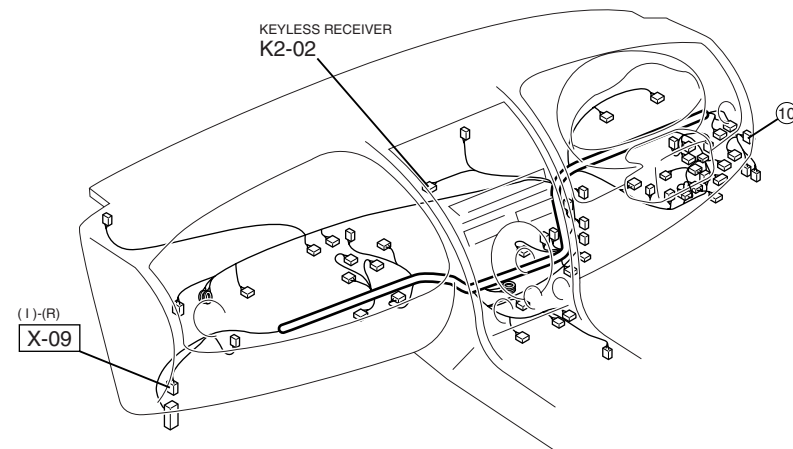
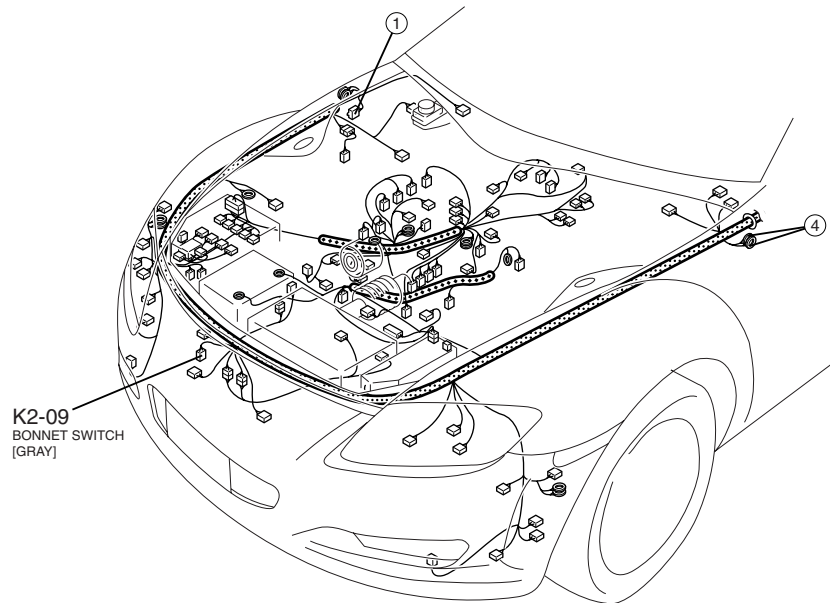


KEYLESS UNIT

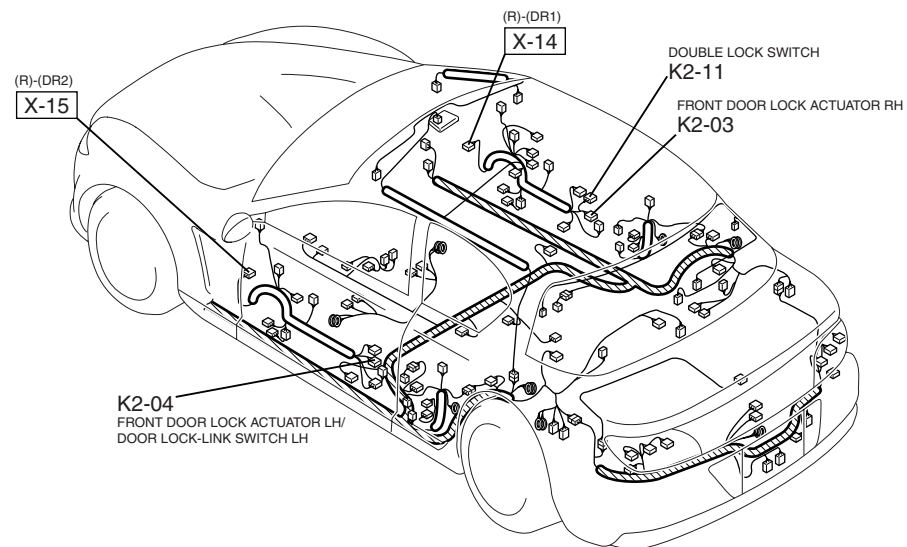
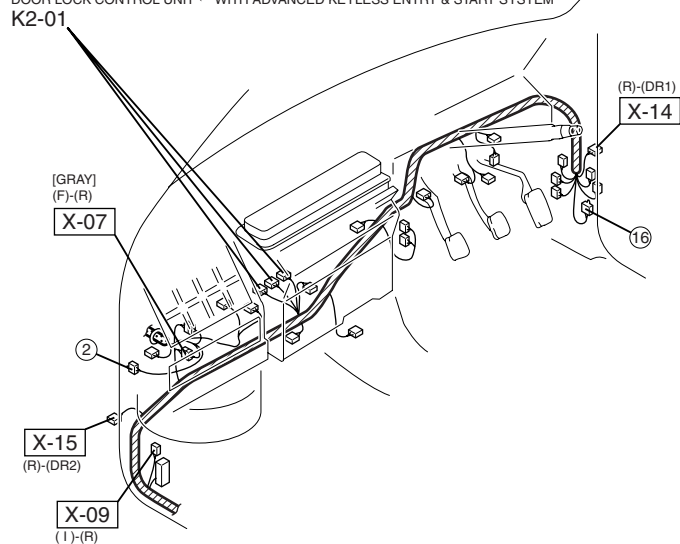
K-2b

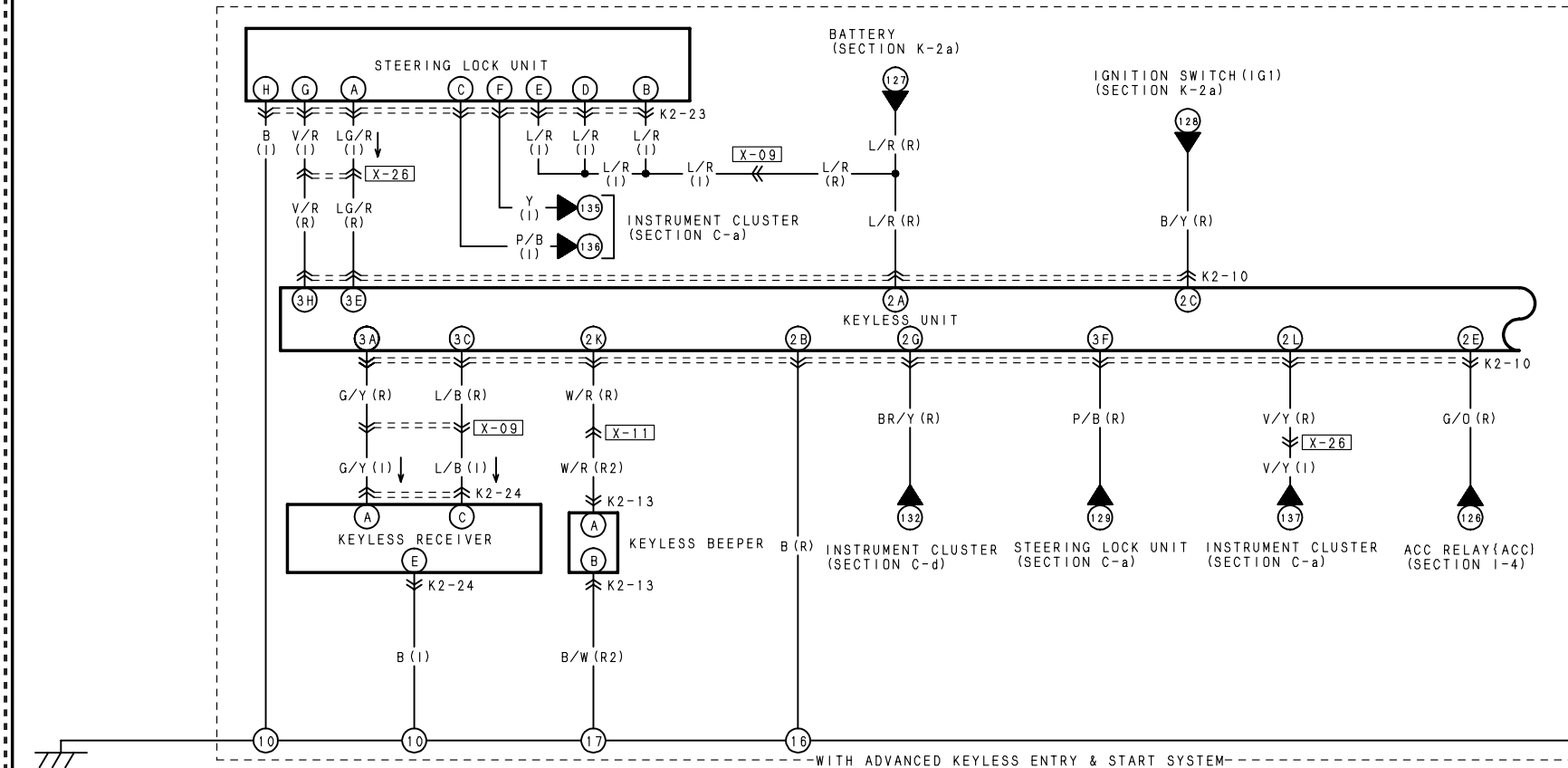


HARNESS SYMBOL:  (F)  (E)  (R)

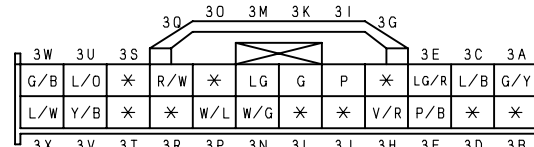
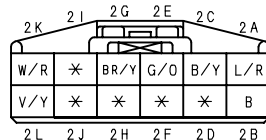


KEYLESS UNIT — WITHOUT ADVANCED KEYLESS ENTRY & START SYSTEM
DOOR LOCK CONTROL UNIT — WITH ADVANCED KEYLESS ENTRY & START SYSTEM

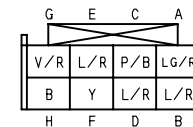




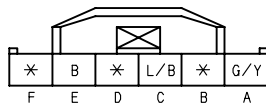
K2-10 KEYLESS UNIT (R)



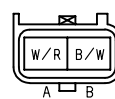
K2-23 STEERING LOCK UNIT (I)






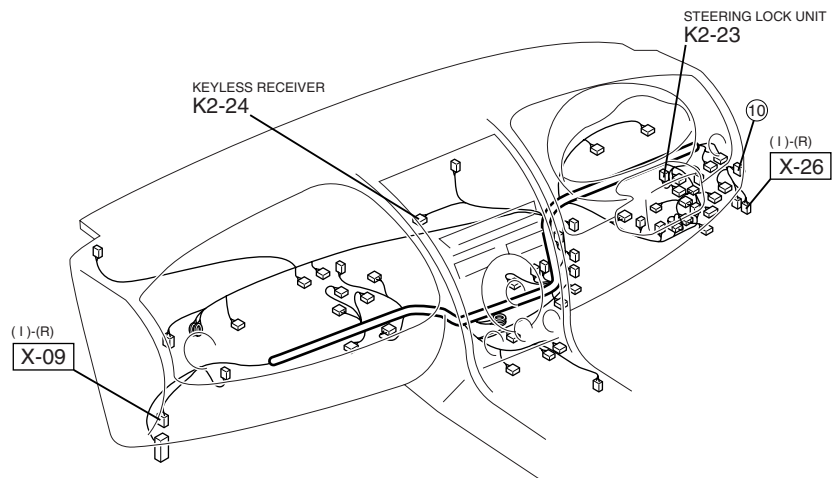
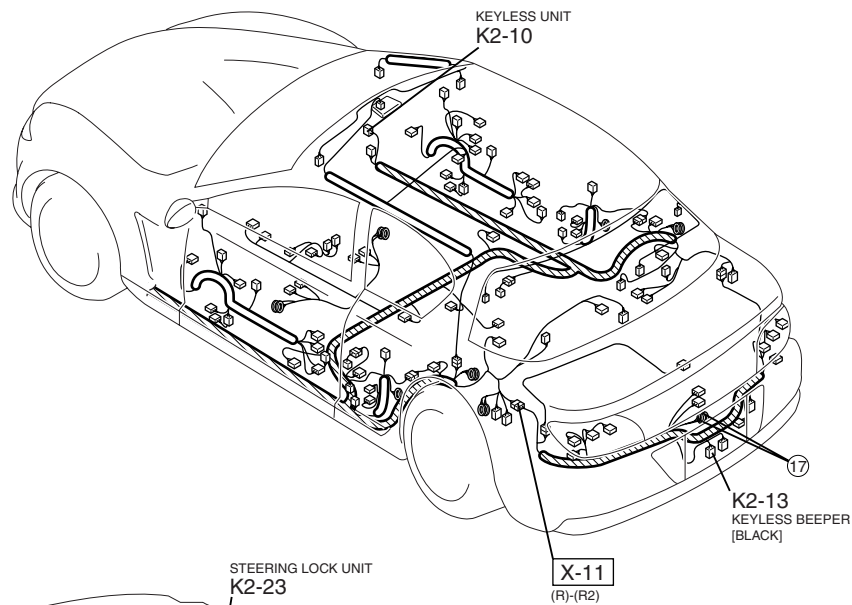
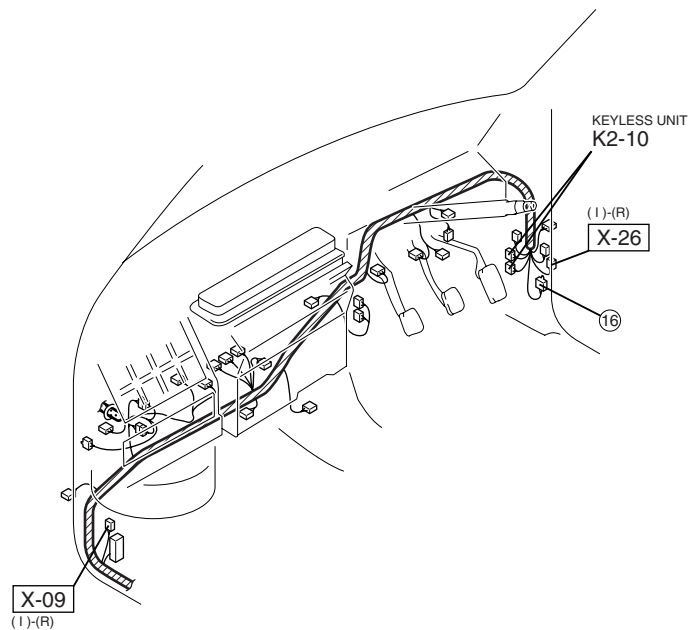
K2-24 KEYLESS RECEIVER (I)



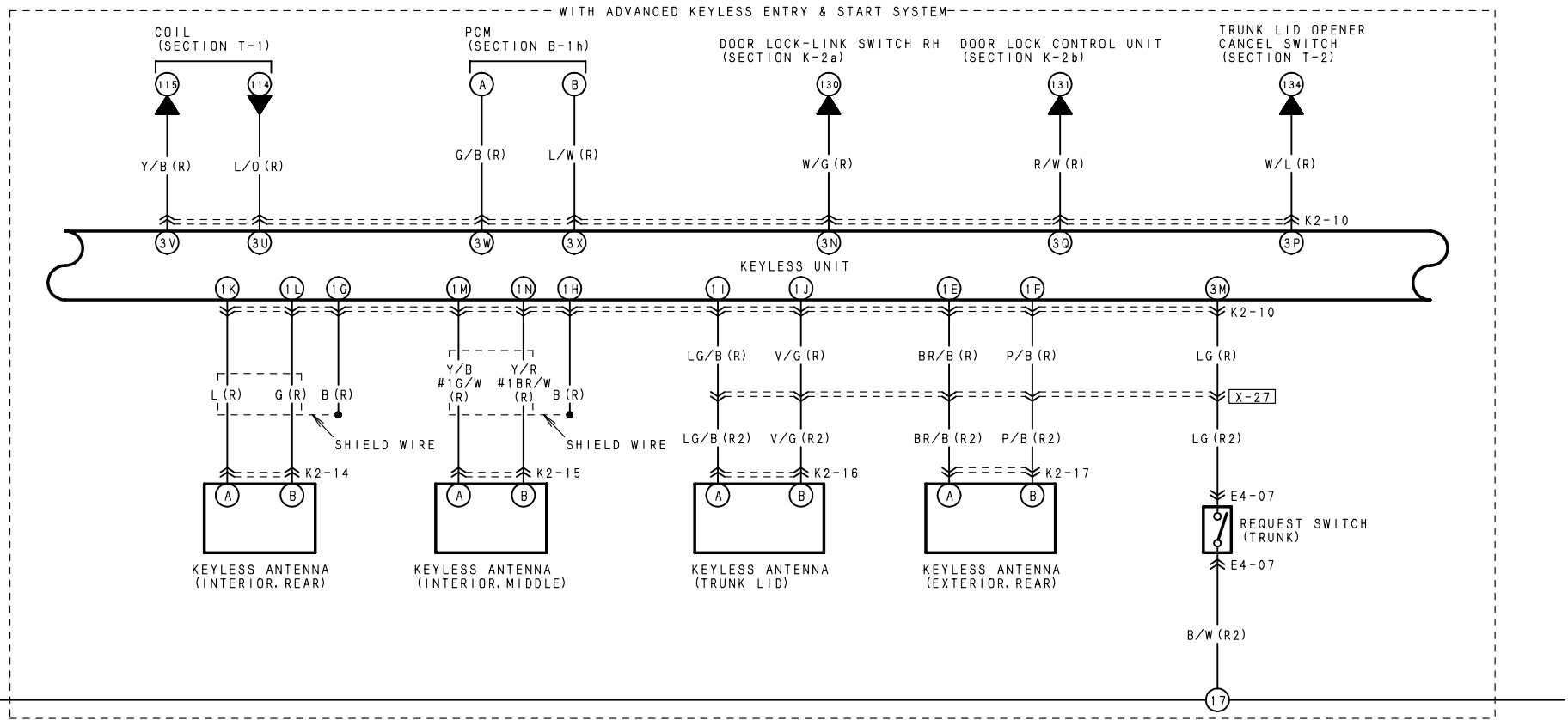
K2-13 KEYLESS BEEPER (R2)



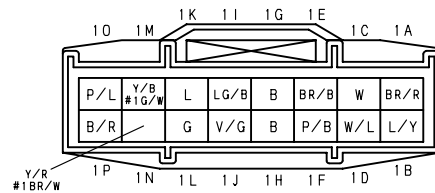
HARNESS SYMBOL:  (F)  (E)  (R)



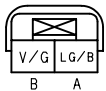
#1 ... WITH SEAT WARMER



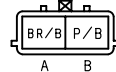
K2-10 KEYLESS UNIT (R)



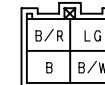
K2-16 KEYLESS ANTENNA (TRUNK LID) (R2)



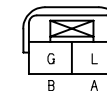
K2-17 KEYLESS ANTENNA (EXTERIOR, REAR) (R2)



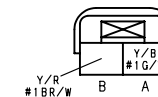
E4-07 REQUEST SWITCH (TRUNK) (R2)



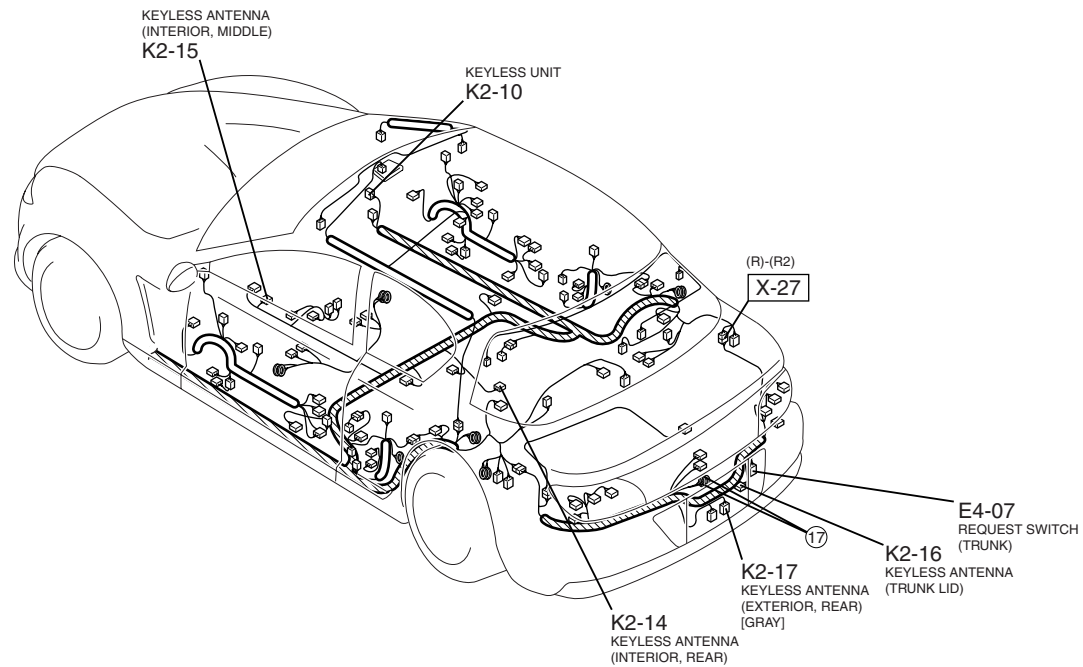
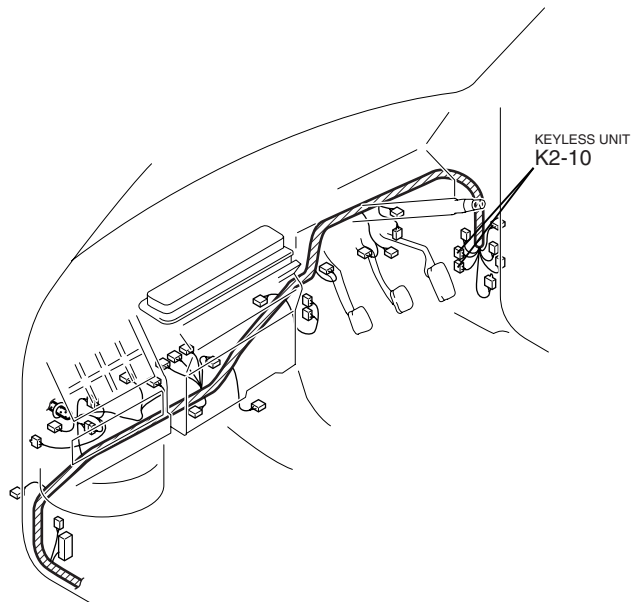
K2-14 KEYLESS ANTENNA (INTERIOR, REAR) (R)



K2-15 KEYLESS ANTENNA (INTERIOR, MIDDLE) (R)



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



KEYLESS UNIT

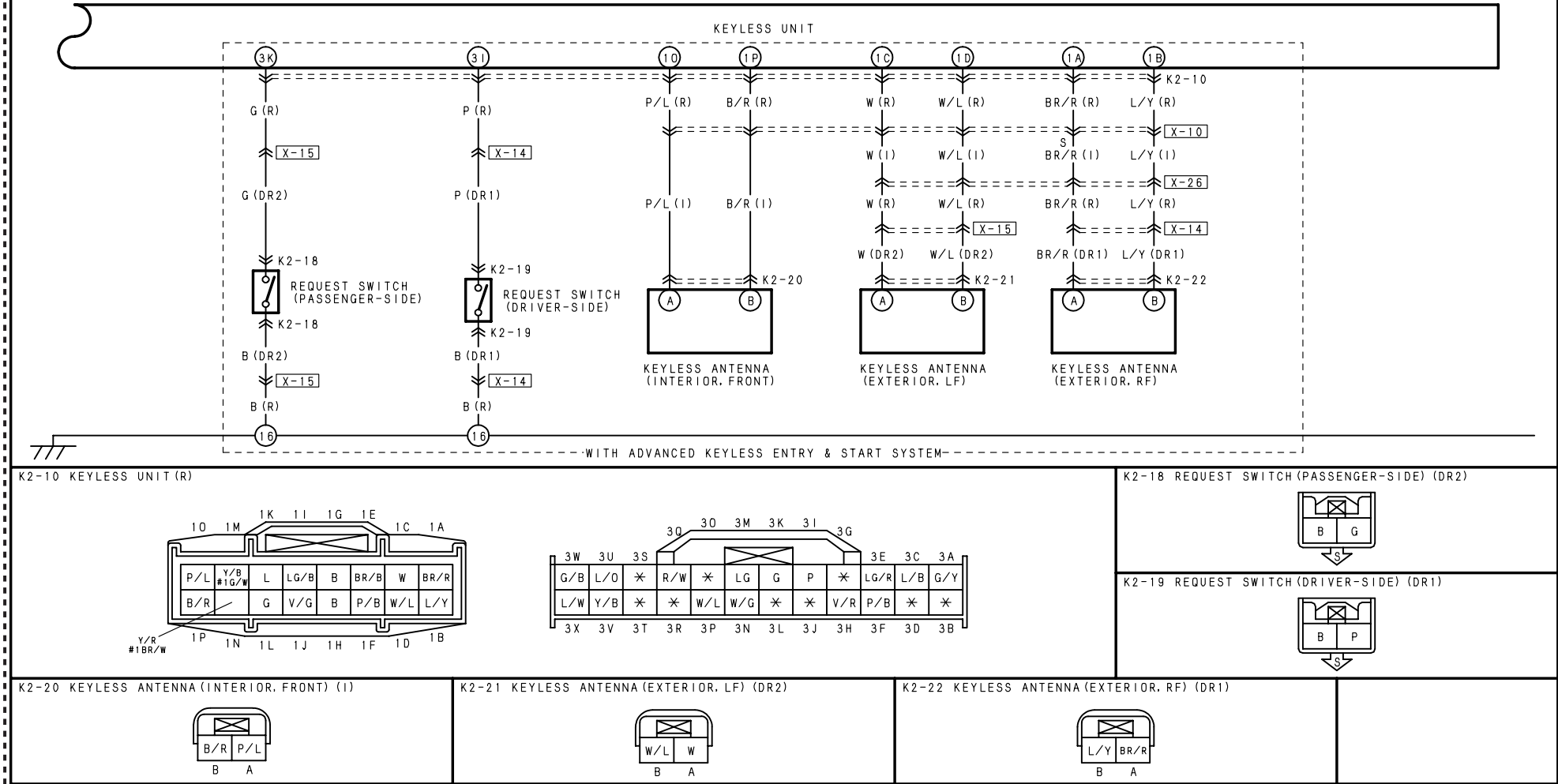
K-2e


#1 ... WITH SEAT WARMER

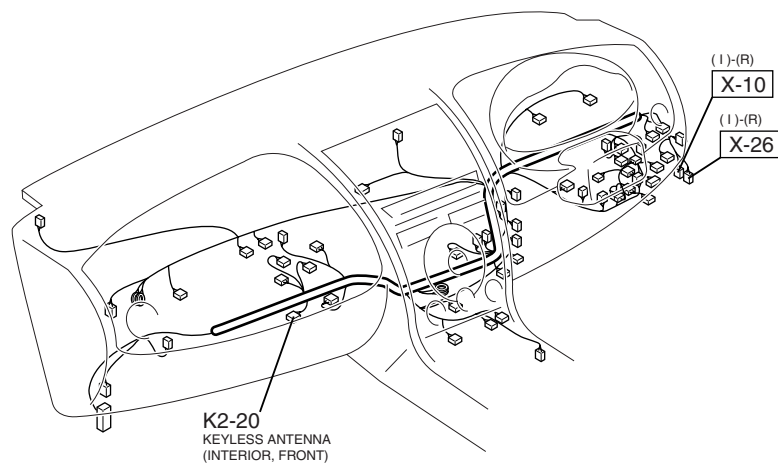
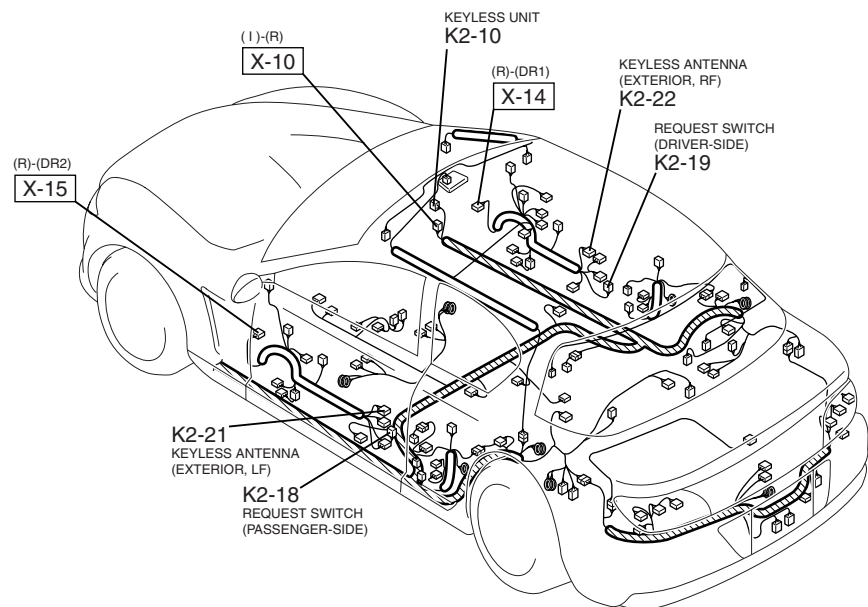
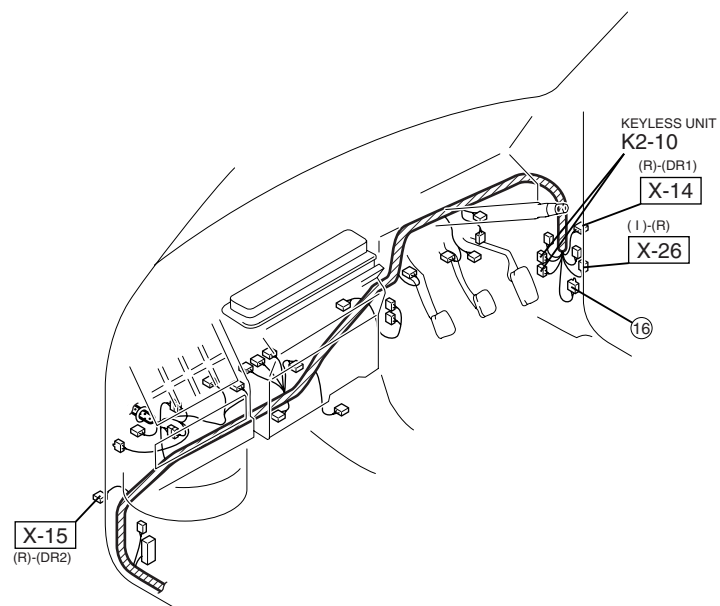
Mazda RX-8 Wiring Diagram (5574-1*-03D)

102-6

Added 6/2006 (Ref. No. L043/06)

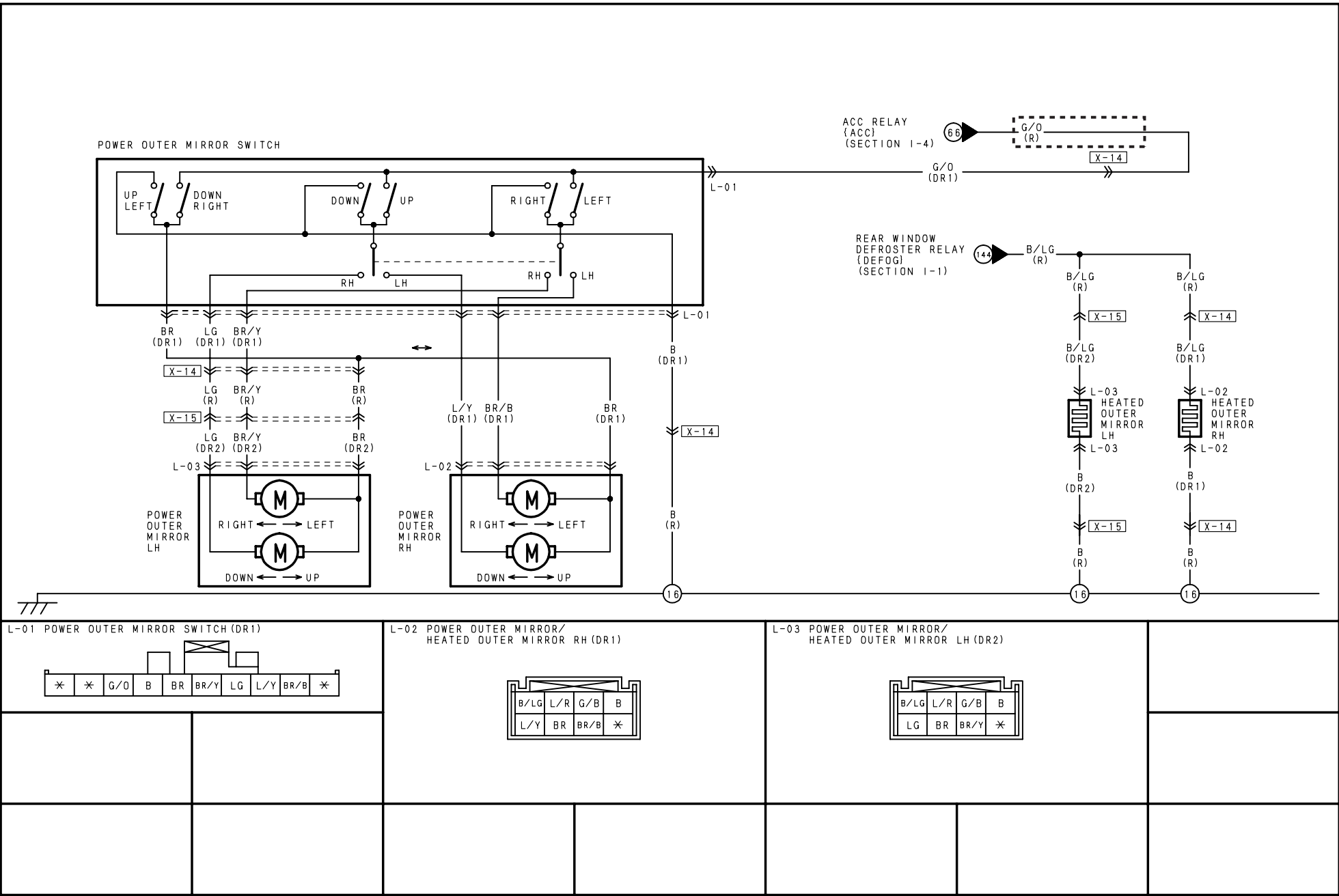


HARNESS SYMBOL:  (F)  (E)  (R)



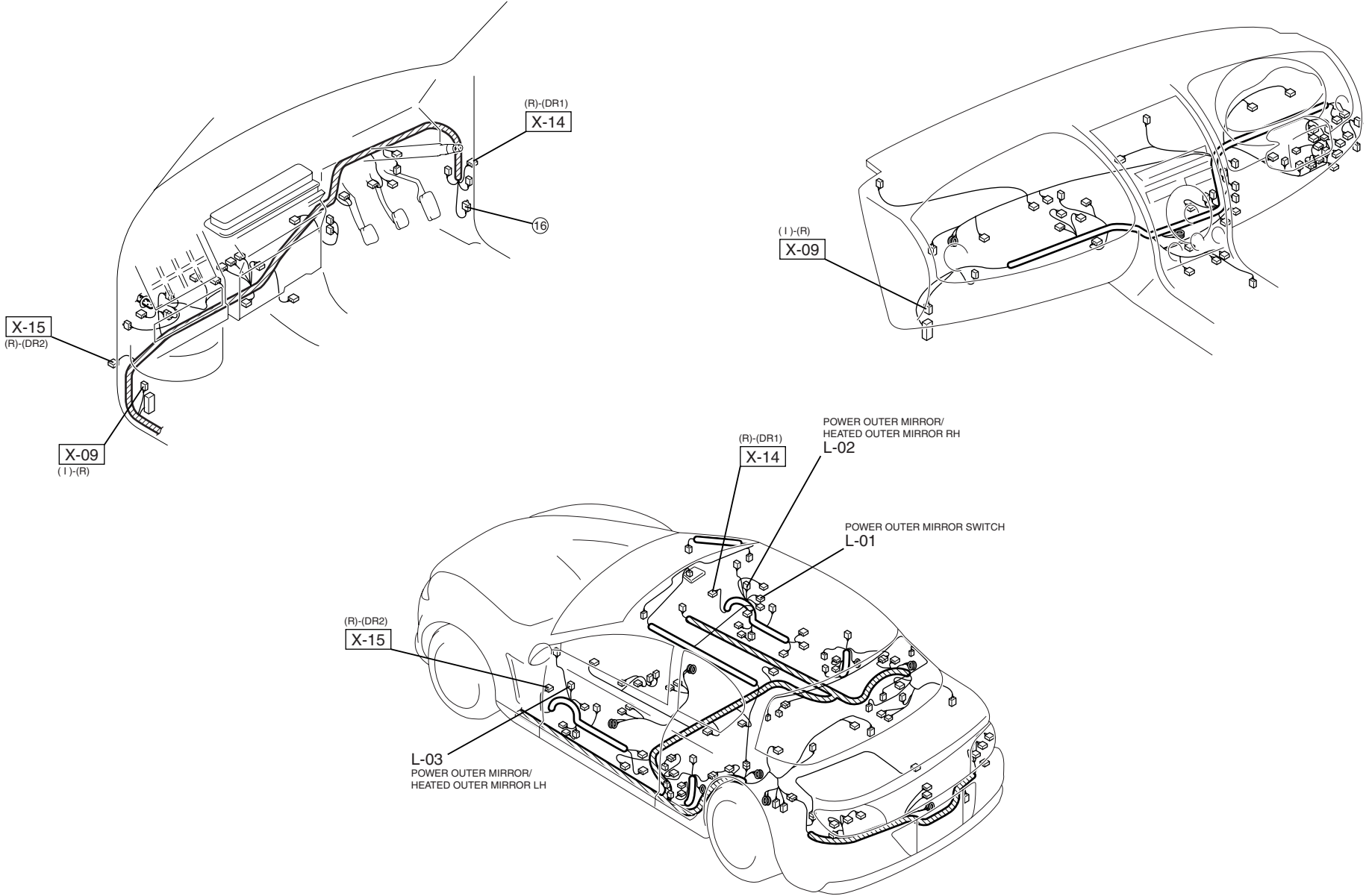
HEATED OUTER MIRROR / POWER OUTER MIRROR

L



Mazda RX-8 Wiring Diagram (5574-1*-03D)



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

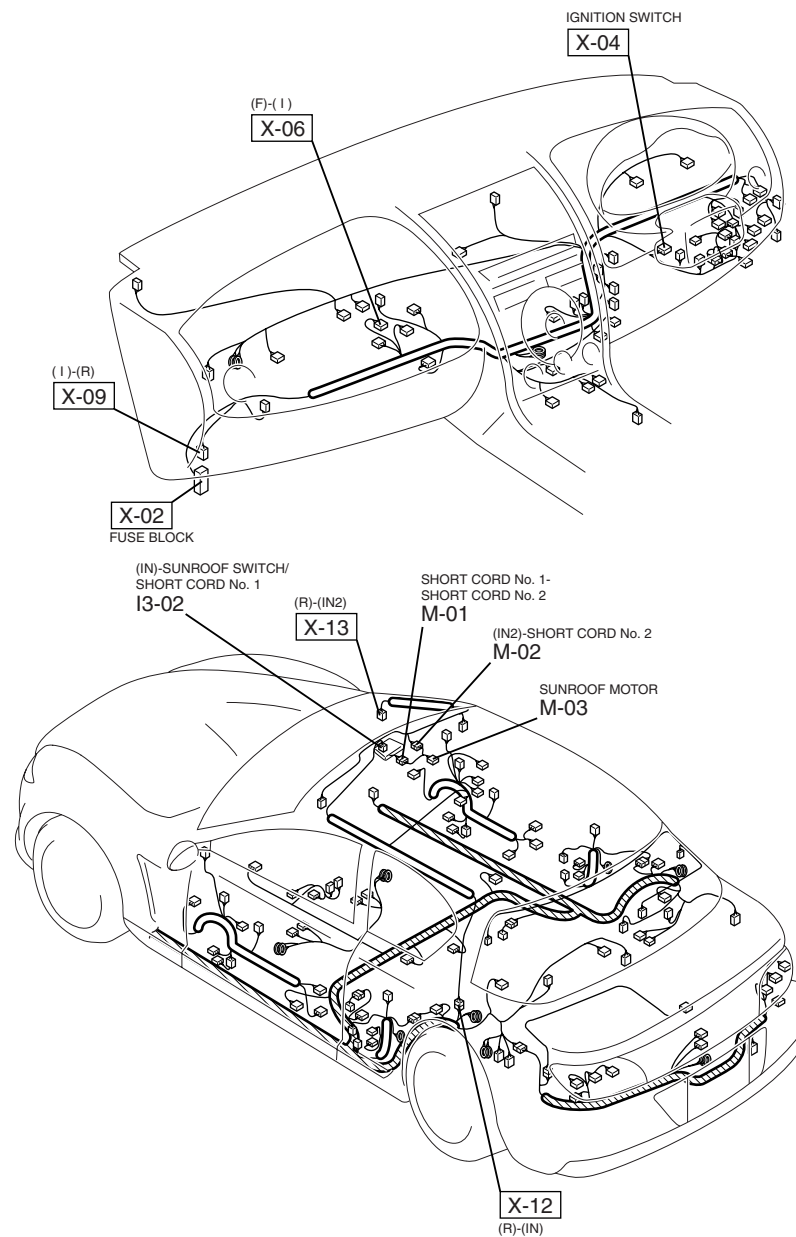
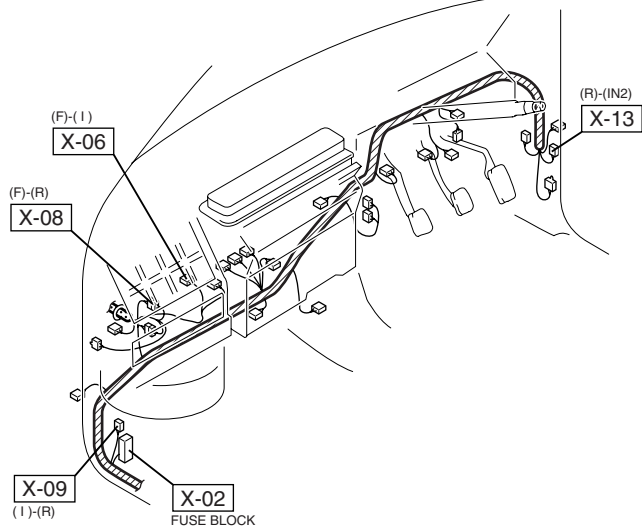
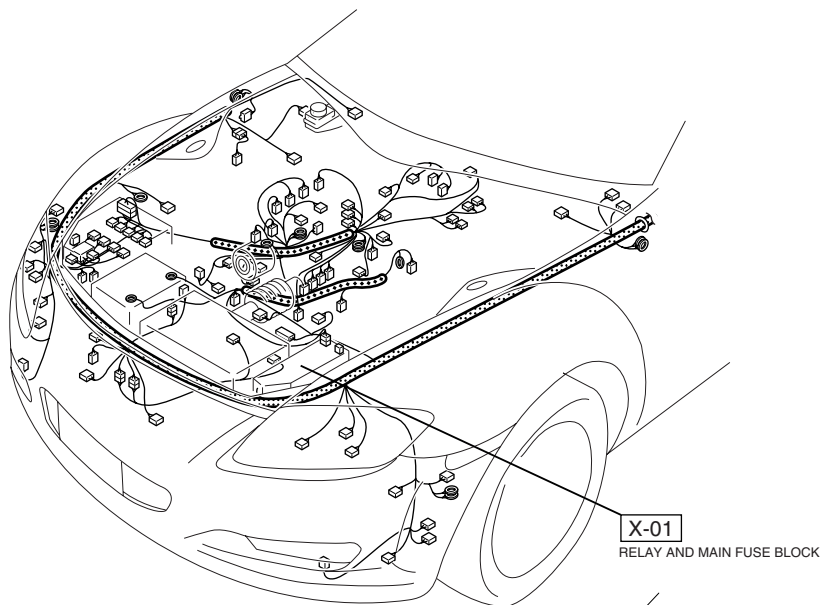


M



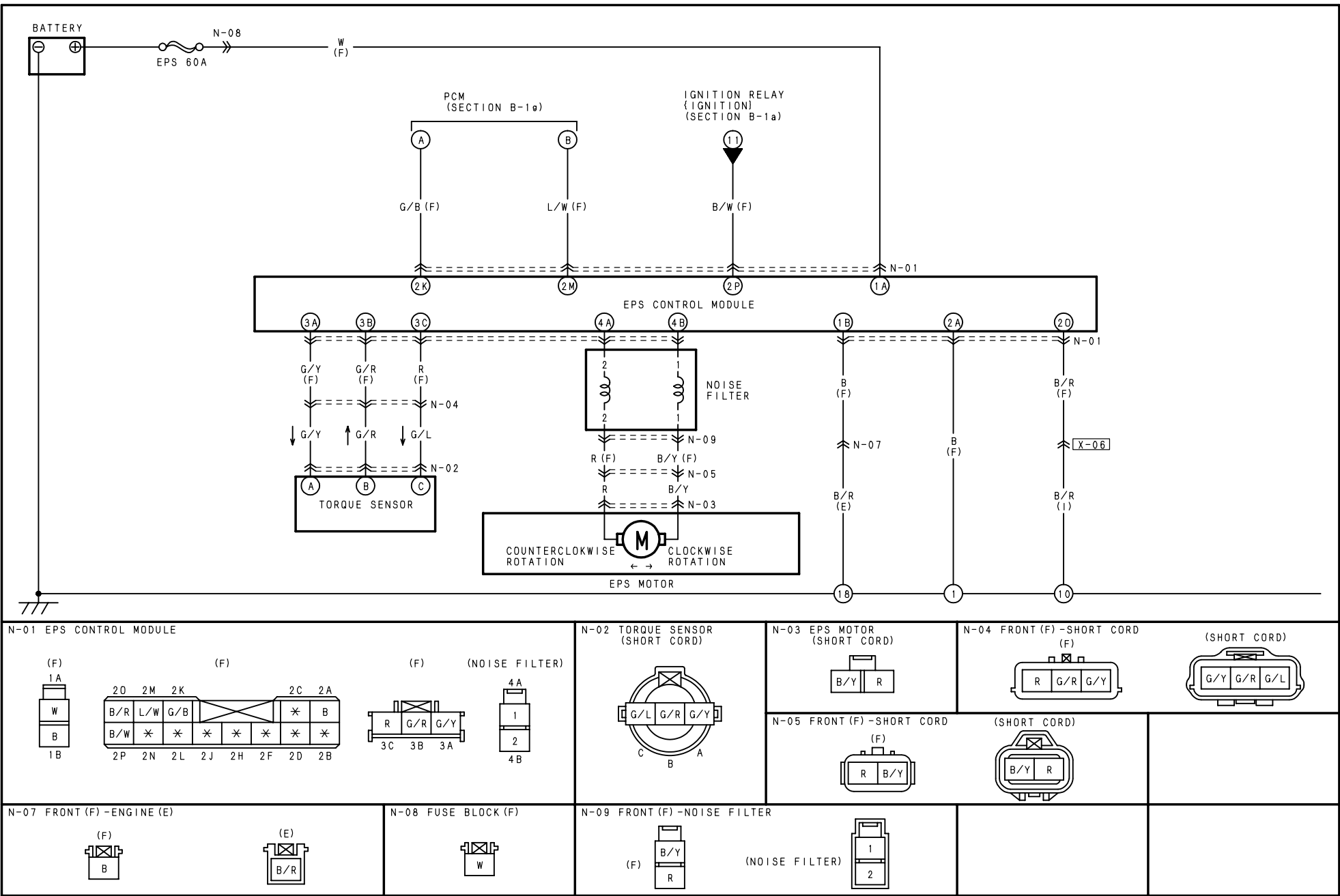
Added 11/2004 (Ref. No. L216/04)



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

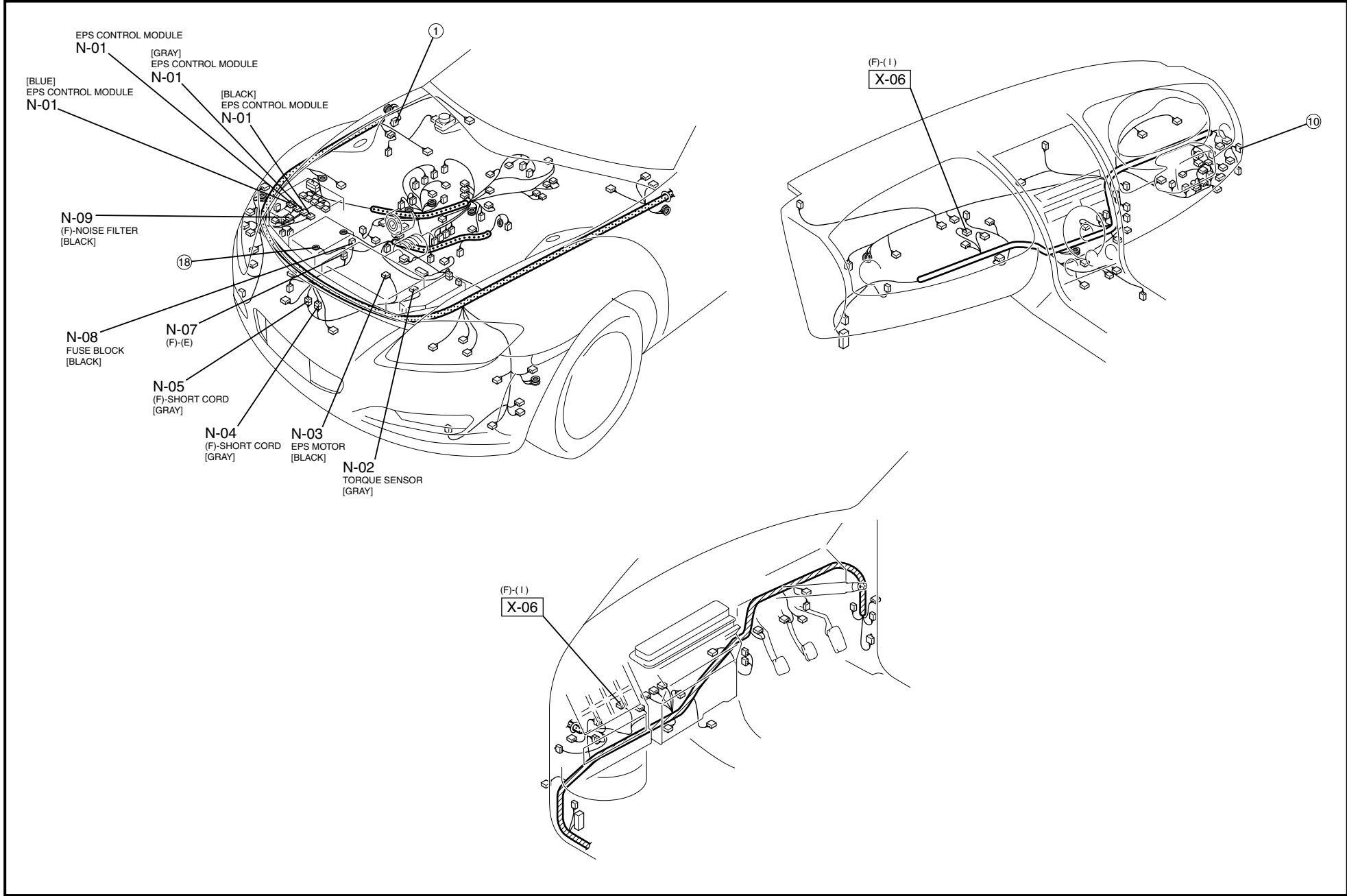


ELECTRIC POWER STEERING (EPS) SYSTEM

N

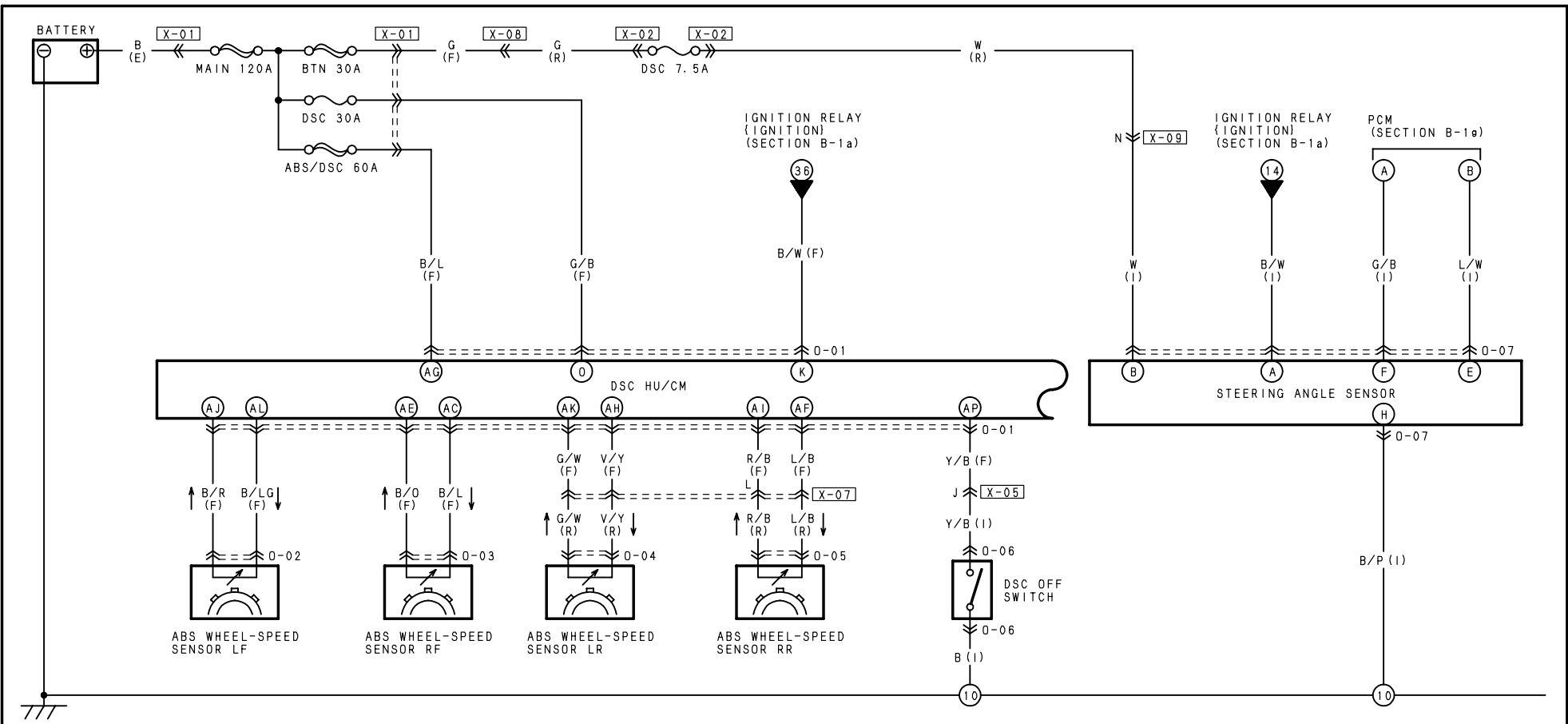


HARNESS SYMBOL:  (F)  (E)  (R)



DYNAMIC STABILITY CONTROL (DSC) SYSTEM

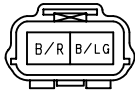
O-a



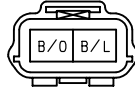
0-01 DSC HU/CM (F)

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

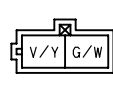
0-02 ABS WHEEL-SPEED SENSOR LF (F)



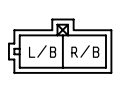
0-03 ABS WHEEL-SPEED SENSOR RF (F)



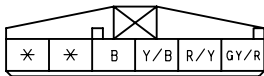
0-04 ABS WHEEL-SPEED SENSOR LR (R)



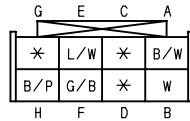
0-05 ABS WHEEL-SPEED SENSOR RR (R)






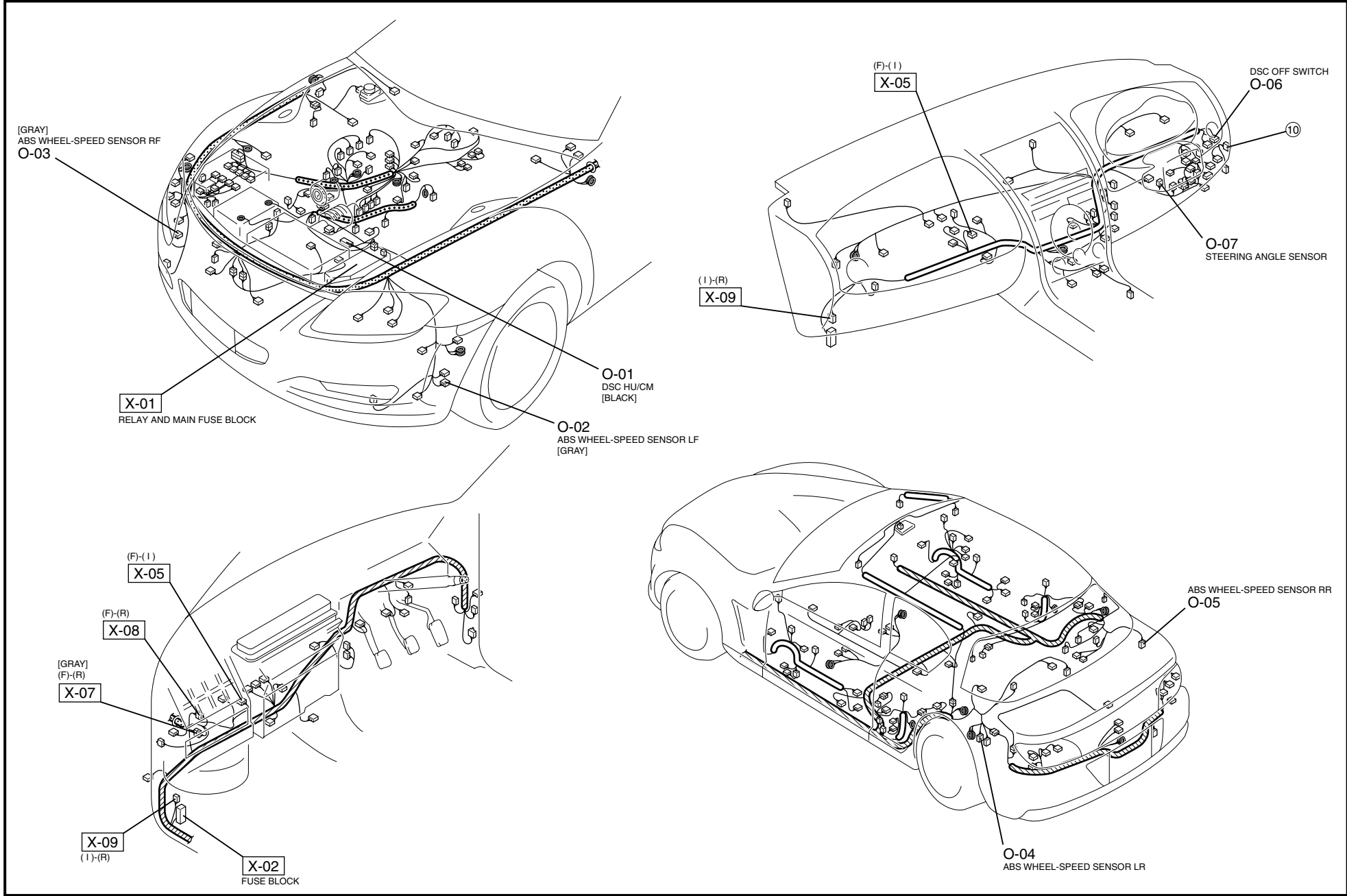
0-06 DSC OFF SWITCH (I)



0-07 STEERING ANGLE SENSOR (I)

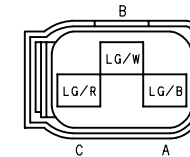
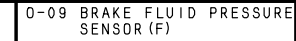


HARNESS SYMBOL:  (F)  (E)  (R)






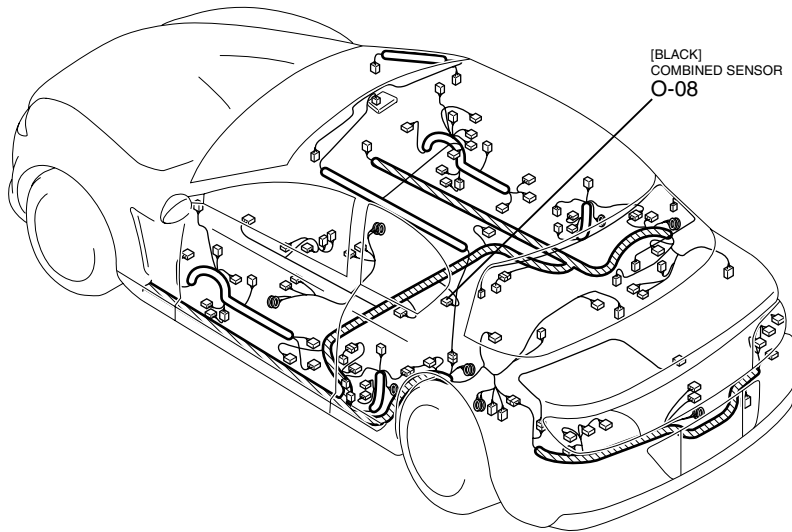
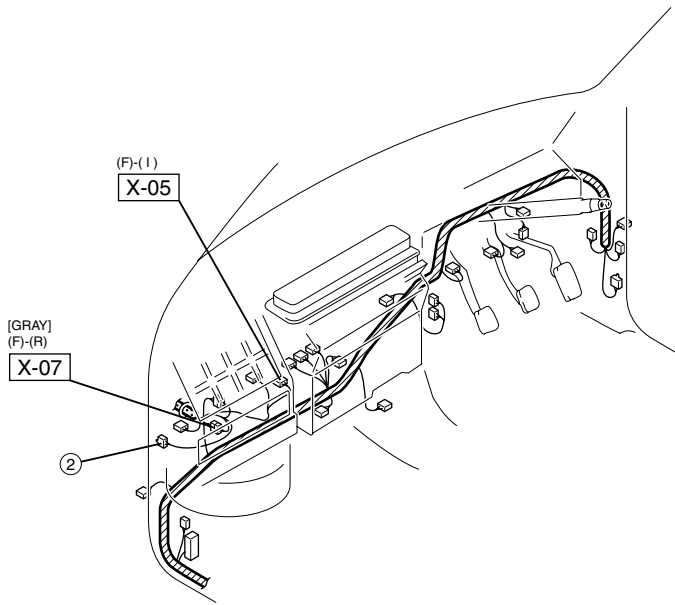
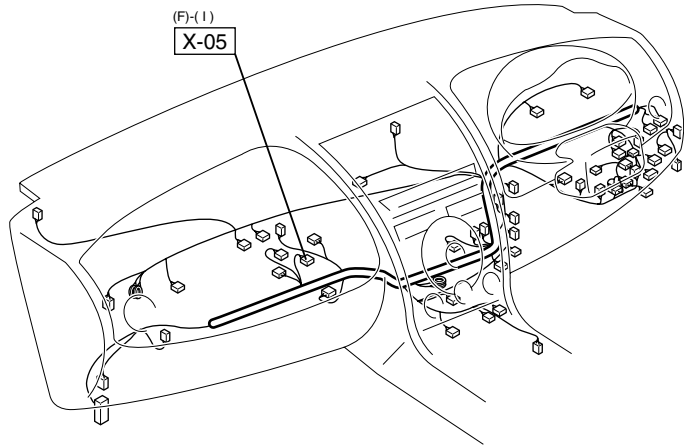
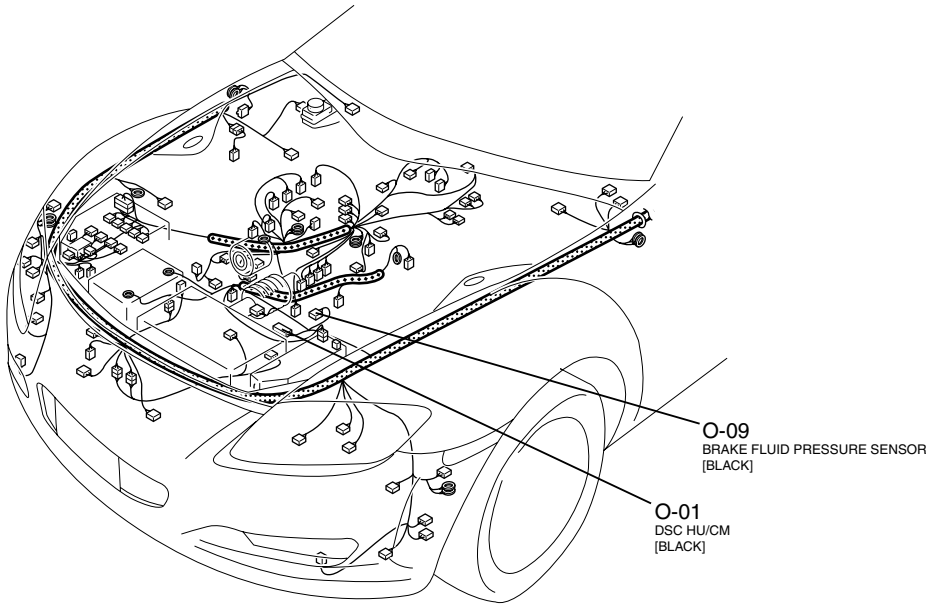
110

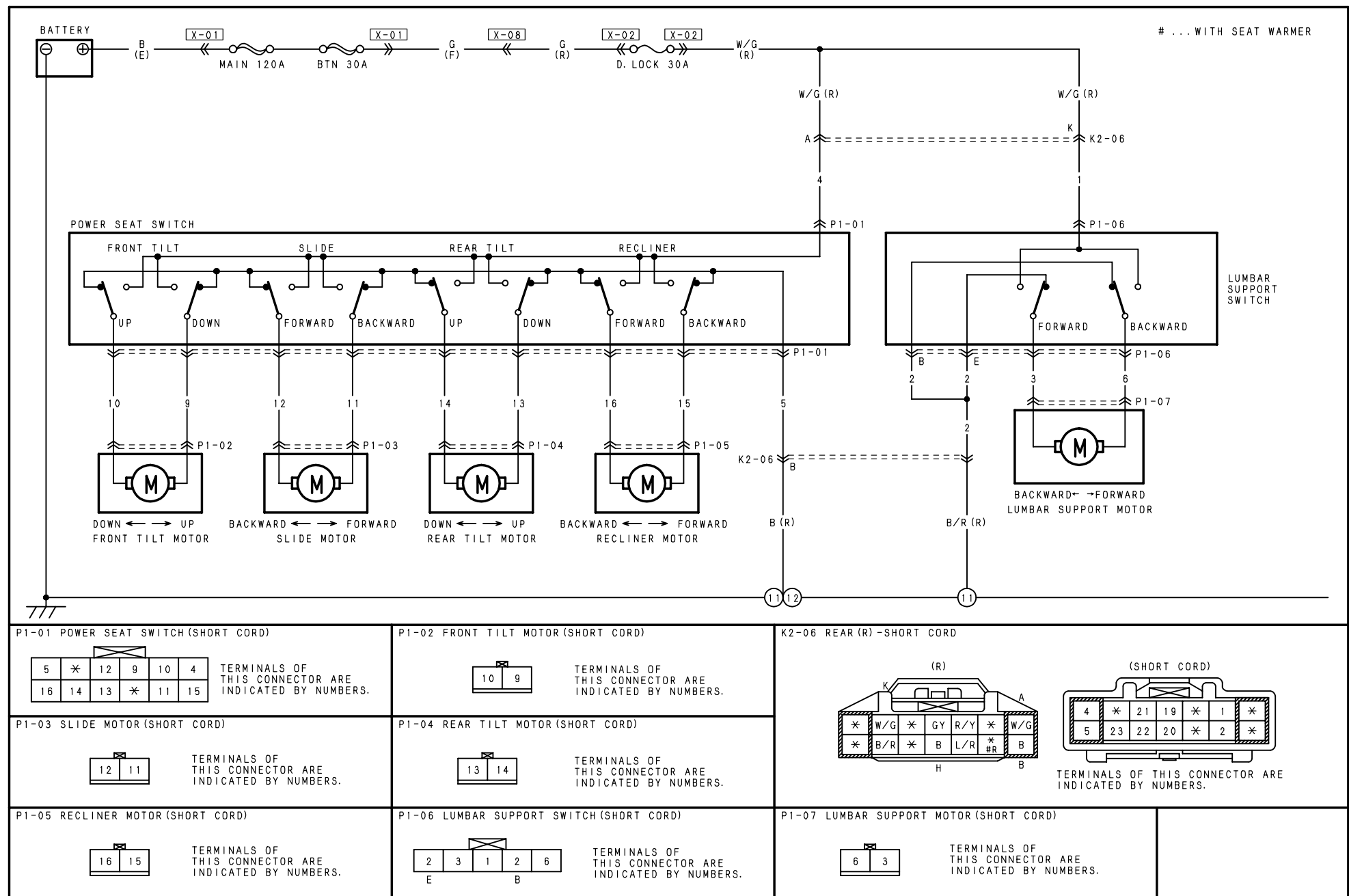
0-01 DSC HU/CM (F)






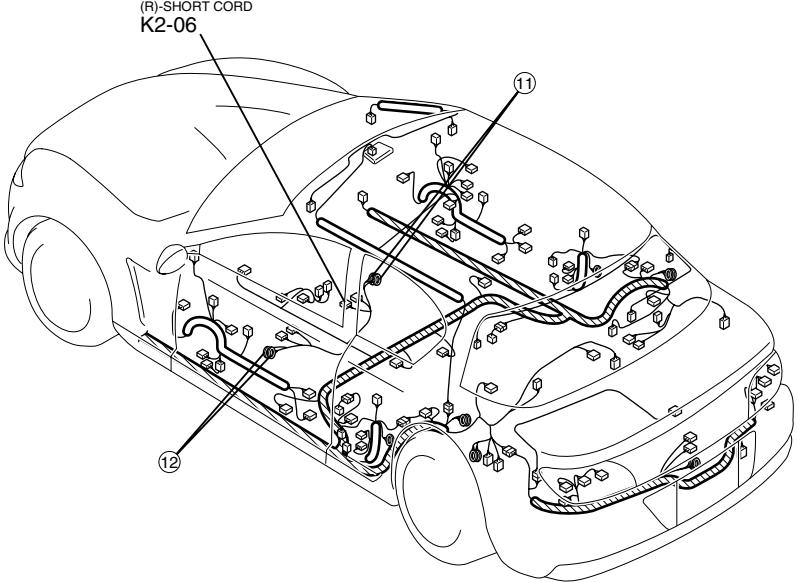
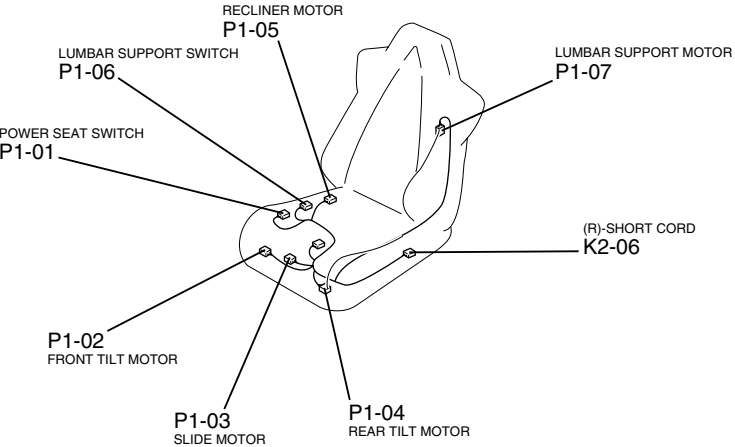
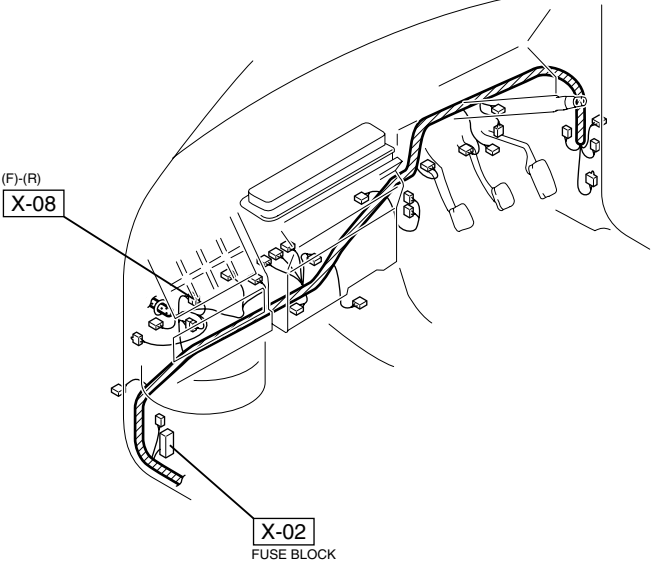
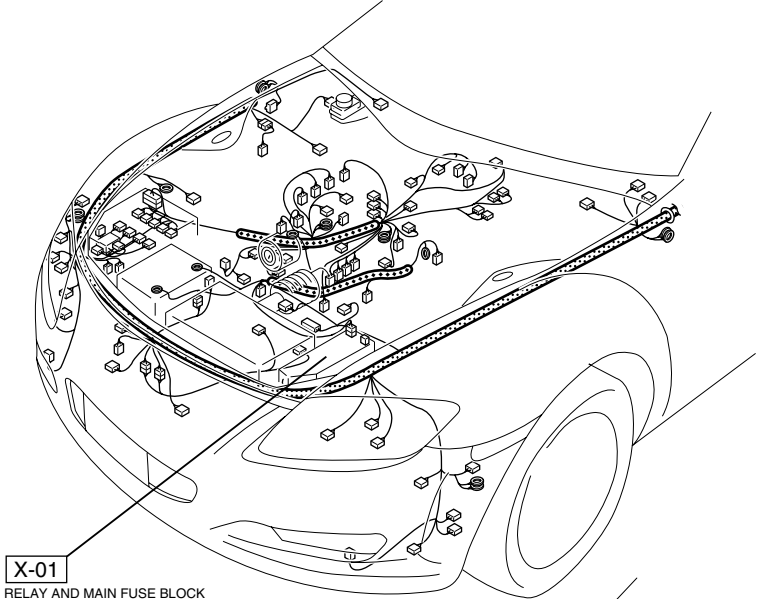
AN B		AG B/L		AB *		B *		B/O		O G/B		J *		G W		D B		A R	
AO W/B	AL B/LG	AJ B/R	AH V/Y	AE O/B	AC B/L	Z *	X *	U *	R *	P L	M *	K B	W H	L W	E LG/B	B LG/W			
AP V/B	AM *	AK G/W	AI R/B	AF L/B	AD B/Y	AA G/R	Y *	V *	S *	Q *	N *	L Y	I G/B	F G	C LG/R				

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



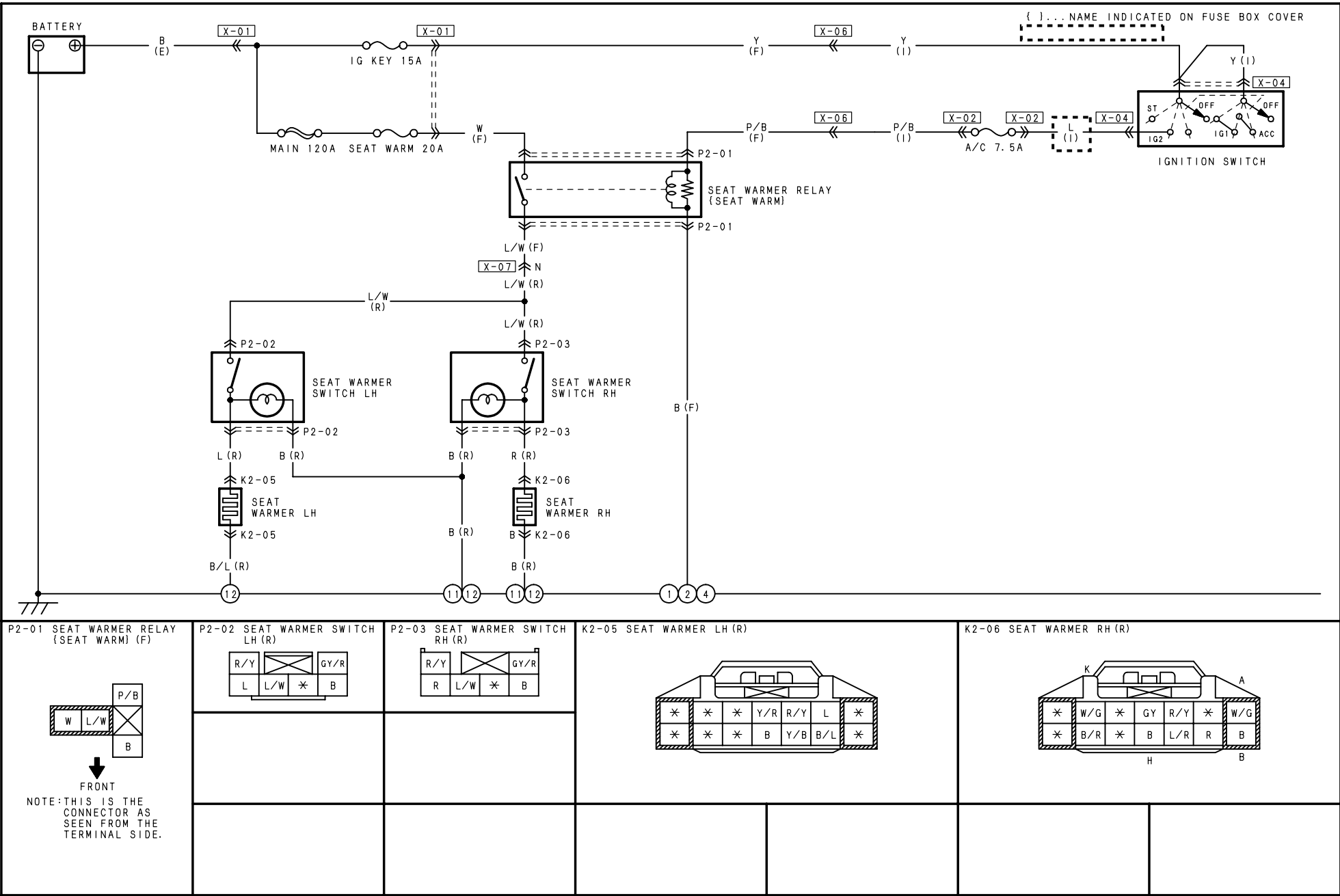


HARNESS SYMBOL:  (F)  (E)  (R)






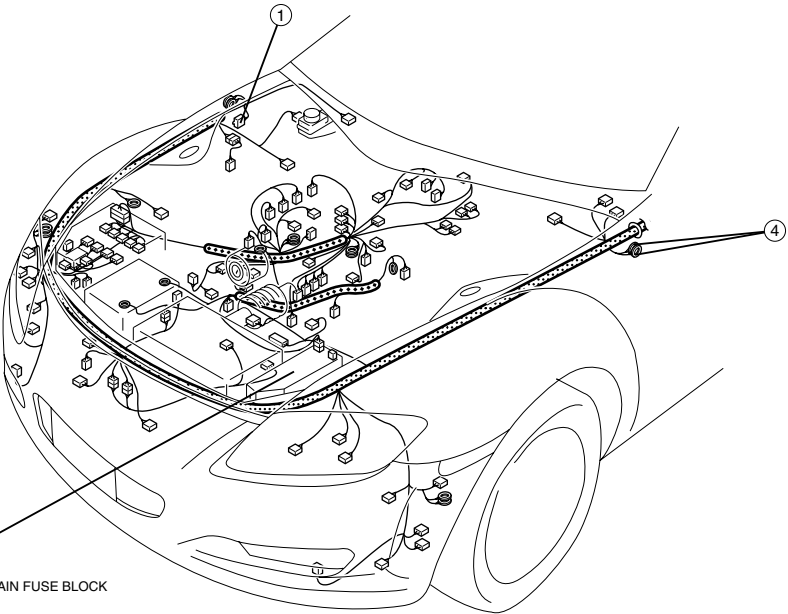
SEAT WARMER

P-2

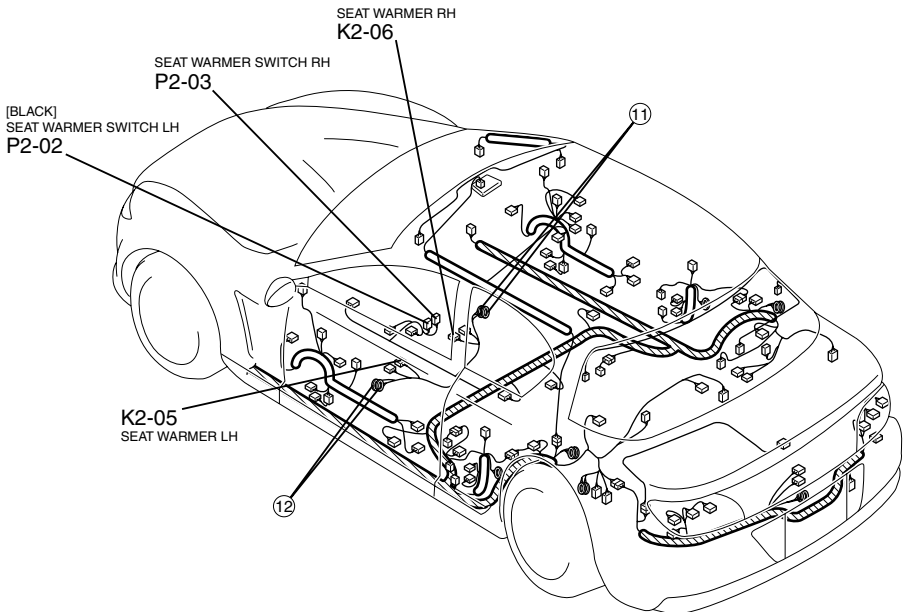
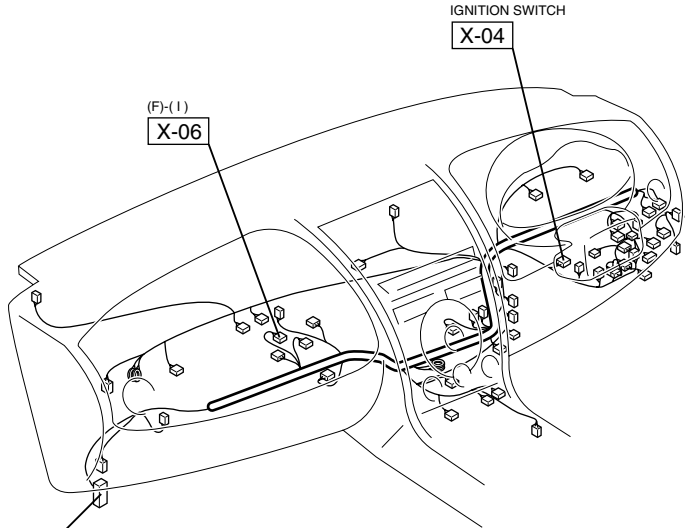
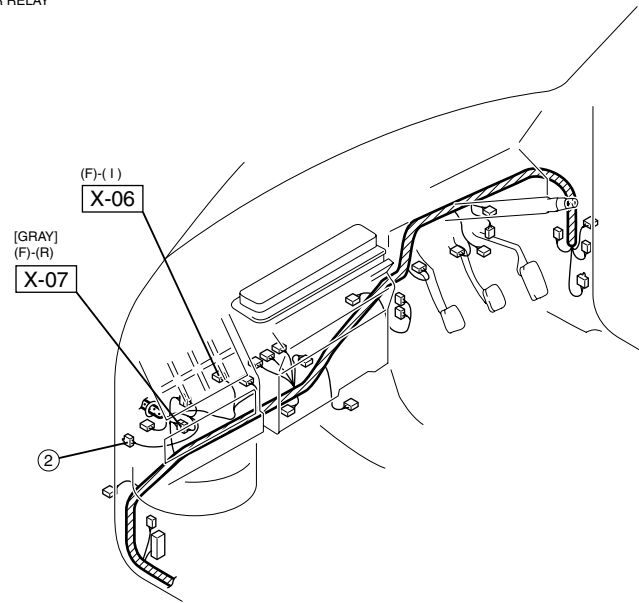


Mazda RX-8 Wiring Diagram (5574-1A-03D)

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



P2-01
SEAT WARMER RELAY
(SEAT WARM)



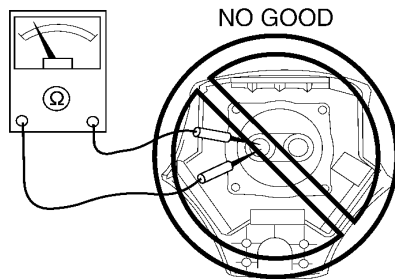
AIR BAG SYSTEM

SERVICE WARNINGS

BHE081001046W02

Air Bag Module Inspection

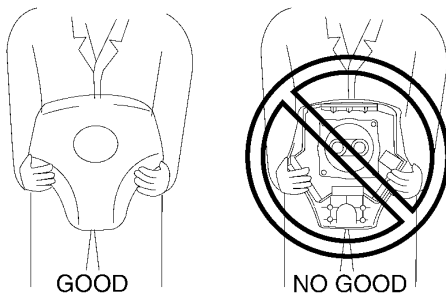
- Inspecting an air bag module using a tester can operate (deploy) the air bag module, which may cause serious injury. Do not use a tester to inspect an air bag module. Always use the on-board diagnostic function to diagnose the air bag module for malfunctions.



CHU0810W600

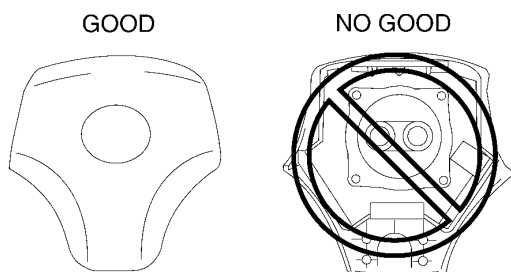
Air Bag Module Handling

- Handling a live (undeployed) air bag module that is pointed toward your body could result in serious injury if the air bag module were to accidentally operate (deploy). When carrying a live (undeployed) air bag module, point the deployment surface away from your body to lessen the chance of injury in case it operates (deploys).



CHU0810W601

- A live (undeployed) air bag module placed with its deployment surface to ground is dangerous. If the air bag module were to accidentally operate (deploy), it could cause serious injury. Always place a live (undeployed) air bag module with its deployment surface up.



CHU0810W602

Side Air Bag Module Handling

- When a side air bag module operates (deploys) due to a collision, the interior of the seat back (pad, frame, trim) may become damaged. If a side air bag does not operate (deploy) normally from a seat back that has been reused, a serious accident may result. After a side air bag has operated (deployed), always replace both the side air bag module and the seat back (pad, frame, trim) with new parts. After servicing, verify that the seat operates normally and that the wiring harness is not caught.

SAS Unit Handling

- Removing the SAS unit or disconnecting the SAS unit connector with the ignition switch at the ON position can activate the sensor in the SAS unit and operate (deploy) the air bags and pre-tensioner seat belts, which may cause serious injury. Before removing the SAS unit or disconnecting the SAS unit connector, always turn the ignition switch to the LOCK position, disconnect the negative battery cable, and then wait for 1 min or more to allow the backup power supply of the SAS unit to deplete its stored power.
- Connecting the SAS unit connector with the SAS unit not securely fixed to the vehicle is dangerous. The sensor in the SAS unit could send an electrical signal to the air bag modules and pre-tensioner seat belts. This will operate (deploy) the air bags and pre-tensioner seat belts, which may result in serious injury. Therefore, before connecting the connector, securely fix the SAS unit to the vehicle.
- Because a sensor is built into the SAS unit, once the air bags and pre-tensioner seat belts have operated (deployed) due to a collision or other causes, the SAS unit must be replaced with a new one even if the used one does not have any visible external damage or deformation. The used SAS unit may have been damaged internally which may cause improper operation. If the SAS unit is reused, the air bags and pre-tensioner seat belts may not operate (deploy) normally, which could result in a serious accident. Always replace the SAS unit with a new one. The SAS unit cannot be bench-checked or self-checked.

Crash Zone Sensor Handling

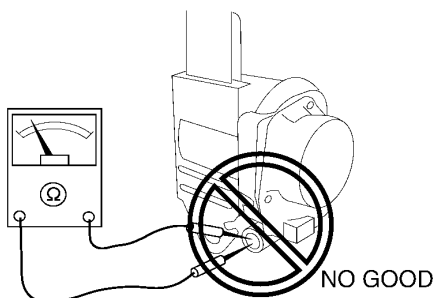
- Removing the crash zone sensor or disconnecting the crash zone sensor connector with the ignition switch at the ON position can activate the crash zone sensor and operate (deploy) the air bags and pre-tensioner seat belts, which may cause serious injury. Before removing the crash zone sensor or disconnecting the crash zone sensor connector, always turn the ignition switch to the LOCK position, disconnect the negative battery cable, and then wait for 1 min or more to allow the backup power supply of the SAS unit to deplete its stored power.
- If the crash zone sensor is subjected to shock or the sensor is disassembled, the air bags and pre-tensioner seat belts may accidentally operate (deploy) and cause injury, or the system may fail to operate normally and cause a serious accident. Do not subject the crash zone sensor to shock or disassemble the sensor.
- Because a sensor is built into the crash zone sensor, once the air bags and pre-tensioner seat belts have operated (deployed) due to a collision or other causes, the crash zone sensor must be replaced with a new one even if the used one does not have any visible external damage or deformation. If the crash zone sensor is reused, the air bags and pre-tensioner seat belts may not operate (deploy) normally, which could result in a serious accident. Always replace the crash zone sensor with a new one. The crash zone sensor cannot be bench-checked or self-checked.

Side Air Bag Sensor Handling

- Removing the side air bag sensor or disconnecting the side air bag sensor connector with the ignition switch at the ON position can activate the side air bag sensor and operate (deploy) the side air bag, which may cause serious injury. Before removing the side air bag sensor or disconnecting the side air bag sensor connector, always turn the ignition switch to the LOCK position, disconnect the negative battery cable, and then wait for 1 min or more to allow the backup power supply of the SAS unit to deplete its stored power.
- If the side air bag sensor is subjected to shock or the sensor is disassembled, the side air bag may accidentally operate (deploy) and cause injury, or the system may fail to operate normally and cause a serious accident. Do not subject the side air bag sensor to shock or disassemble the sensor.
- Because a sensor is built into the side air bag sensor, once the air bag has operated (deployed) due to a collision or other causes, the side air bag sensor must be replaced with a new one even if the used one does not have any visible external damage or deformation. If the side air bag sensor is reused, the side air bag may not operate (deploy) normally, which could result in a serious accident. Always replace the side air bag sensor with a new one. The side air bag sensor cannot be bench-checked or self-checked.

Pre-tensioner Seat Belt Inspection

- Inspecting a pre-tensioner seat belt using a tester can operate (deploy) the pre-tensioner seat belt, which may cause serious injury. Do not use a tester to inspect a pre-tensioner seat belt. Always use the on-board diagnostic function to diagnose the pre-tensioner seat belt for malfunctions.



CHU0810W603

SERVICE CAUTIONS

BHE081001046W03

Air Bag System Component Disassembly

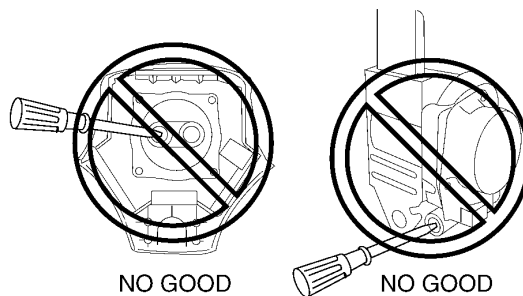
- Disassembling the air bag system components could cause it to not operate (deploy) normally. Never disassemble any air bag system components.



CHU0810W604

Air Bag Module, Pre-tensioner Seat Belt Handling

- Oil, grease, or water on the air bag modules may cause the air bags and pre-tensioner seat belts to fail to operate (deploy) in an accident. Never allow oil, grease, or water to get on the air bag modules or pre-tensioner seat belts.
- Inserting a screwdriver or similar object into the connector of an air bag module or a pre-tensioner seat belt may damage the connector and cause the air bag module or the pre-tensioner seat belt to operate (deploy) improperly, which may cause serious injury. Never insert any foreign objects into the air bag module or seat belt connectors.



CHU0810W605

Air Bag Module, Pre-tensioner Seat Belt Reuse

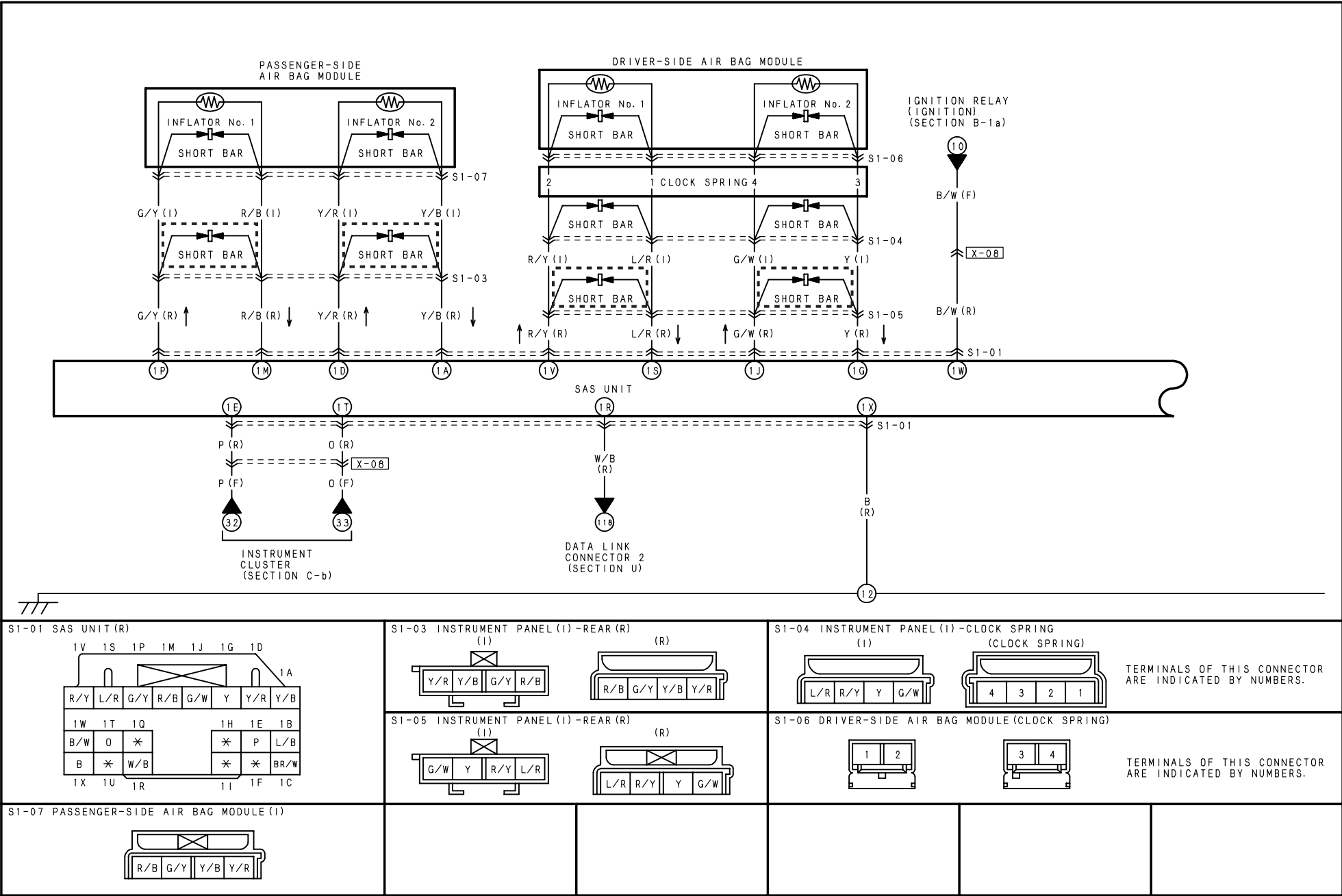
- Even if an air bag module or a pre-tensioner seat belt does not operate (deploy) in a collision and does not have any external signs of damage, it may have been damaged internally, which may cause improper operation. Before reusing a live (undeployed) air bag module and the pre-tensioner seat belts, always use the on-board diagnostic to diagnose the air bag module and the pre-tensioner seat belts to verify that they have no malfunction.



Air Bag Wiring Harness Repair

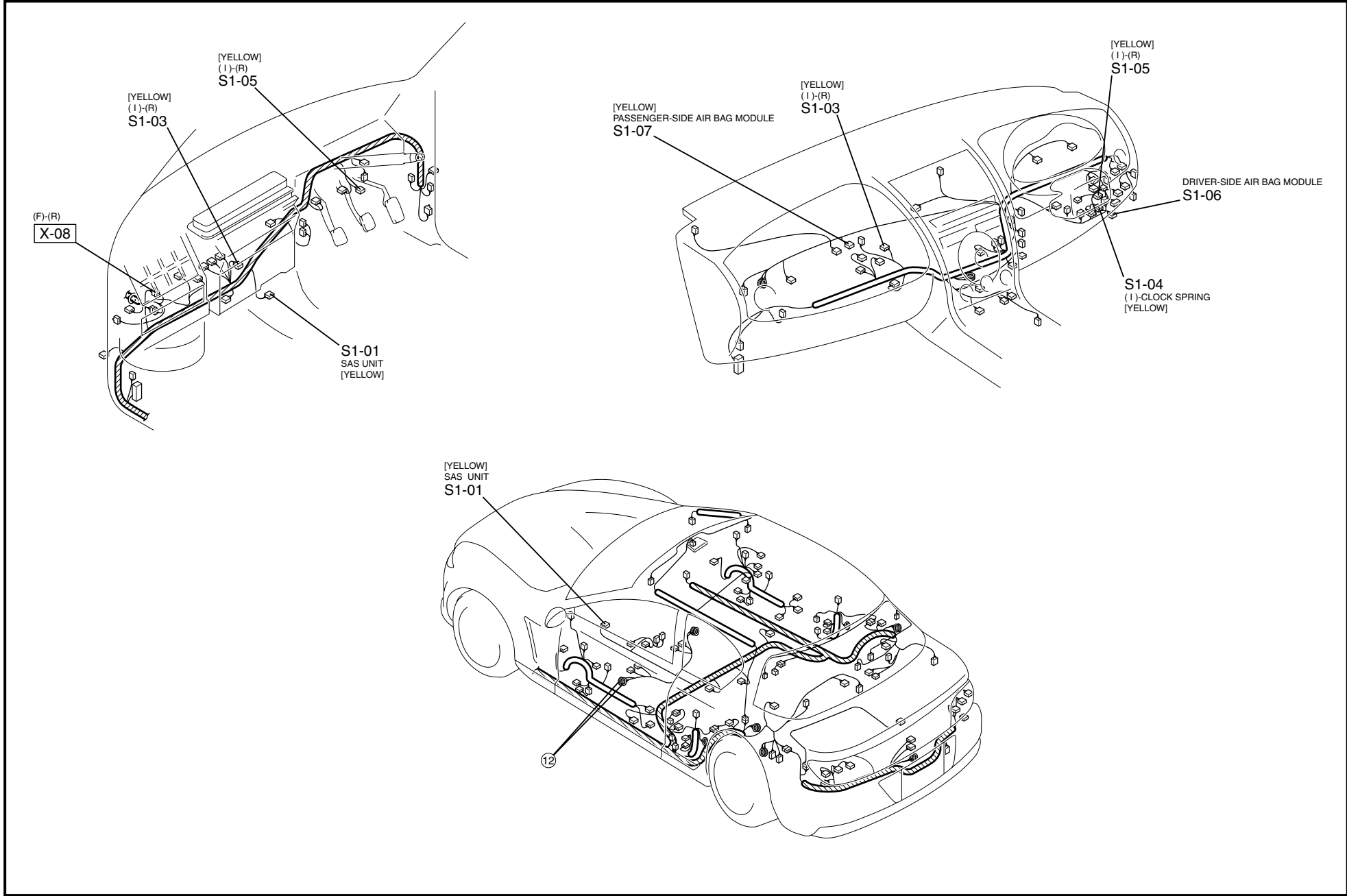
- Incorrectly repairing an air bag wiring harness can accidentally operate (deploy) the air bag module and pre-tensioner seat belts. If a problem is found in the air bag wiring harness, always replace the wiring harness with a new one.





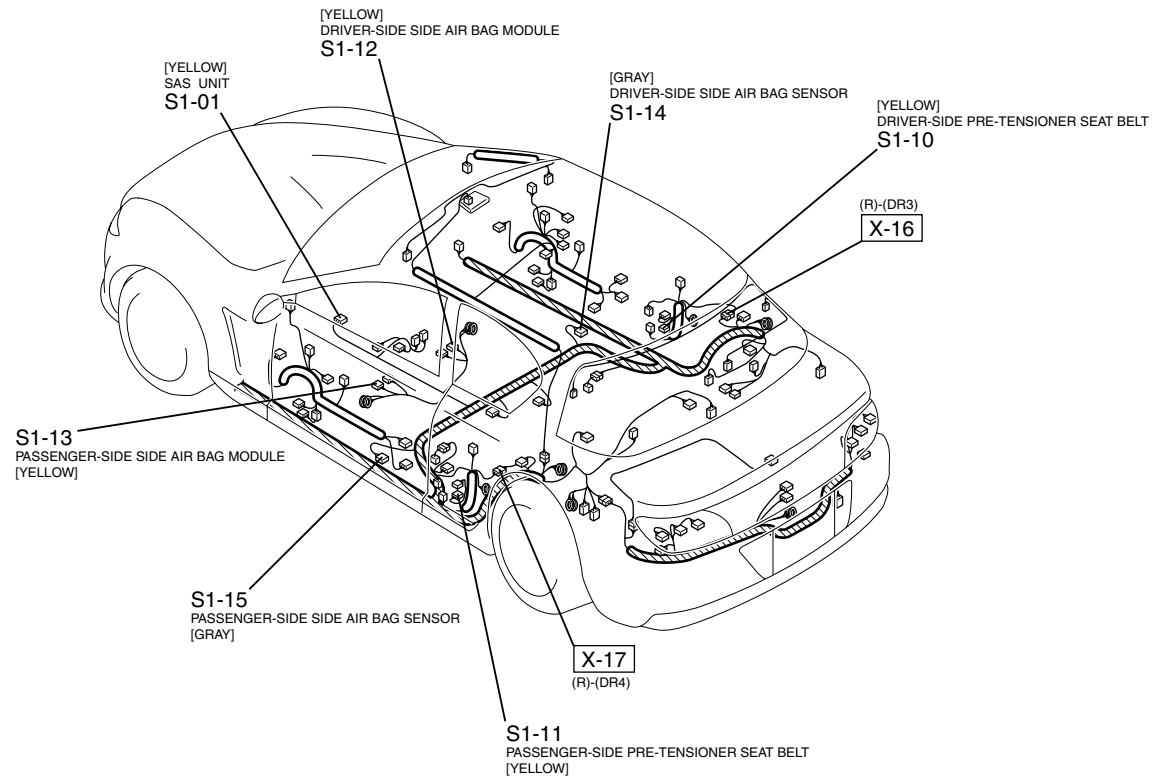
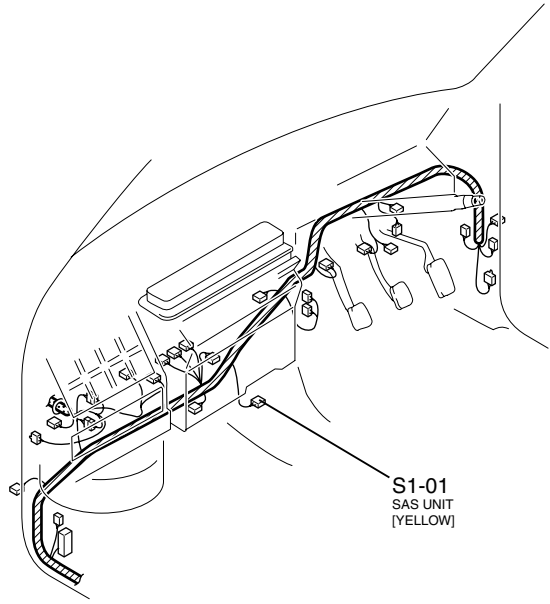
CHU0810W606



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



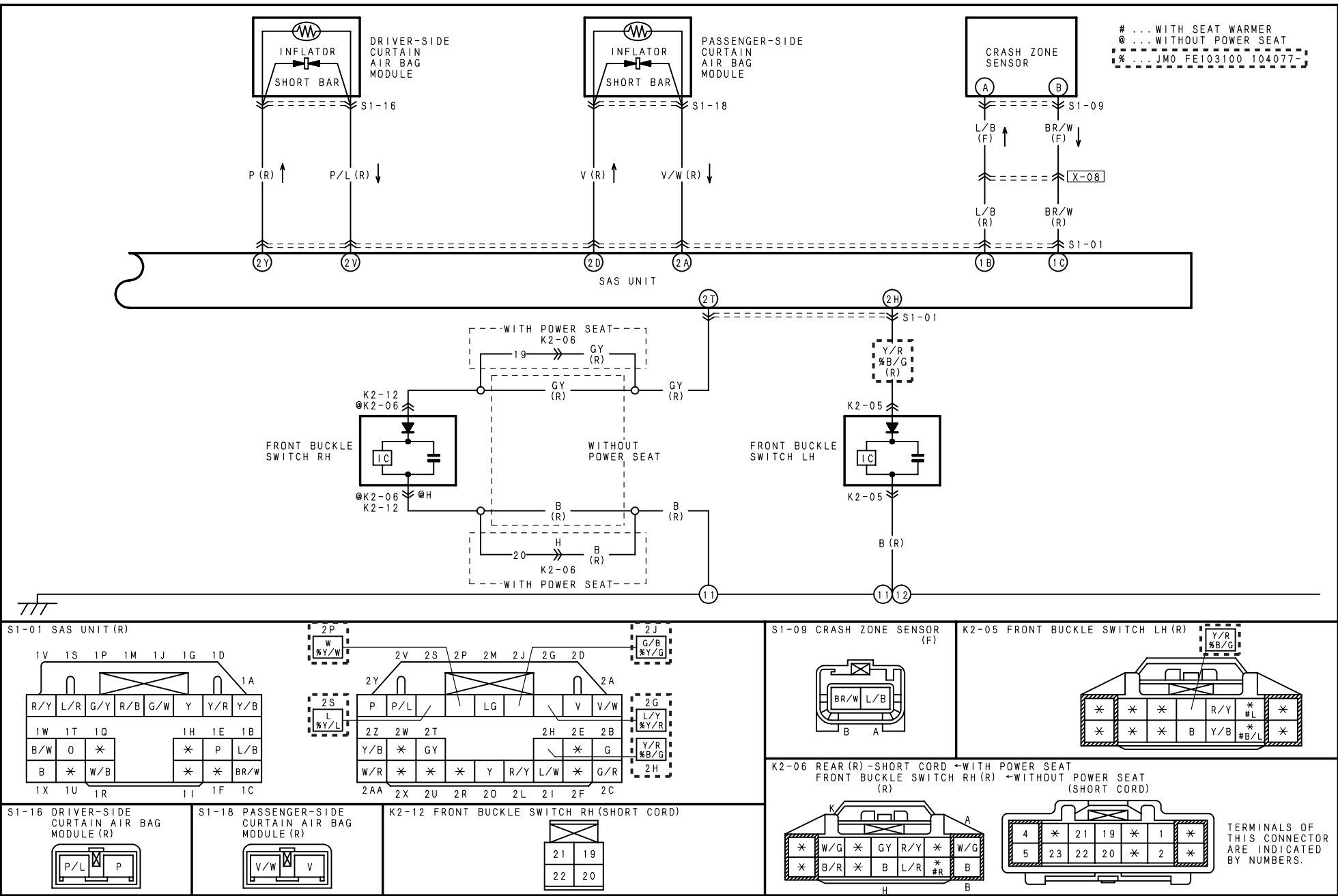
HARNESS SYMBOL:  (F)  (E)  (R)





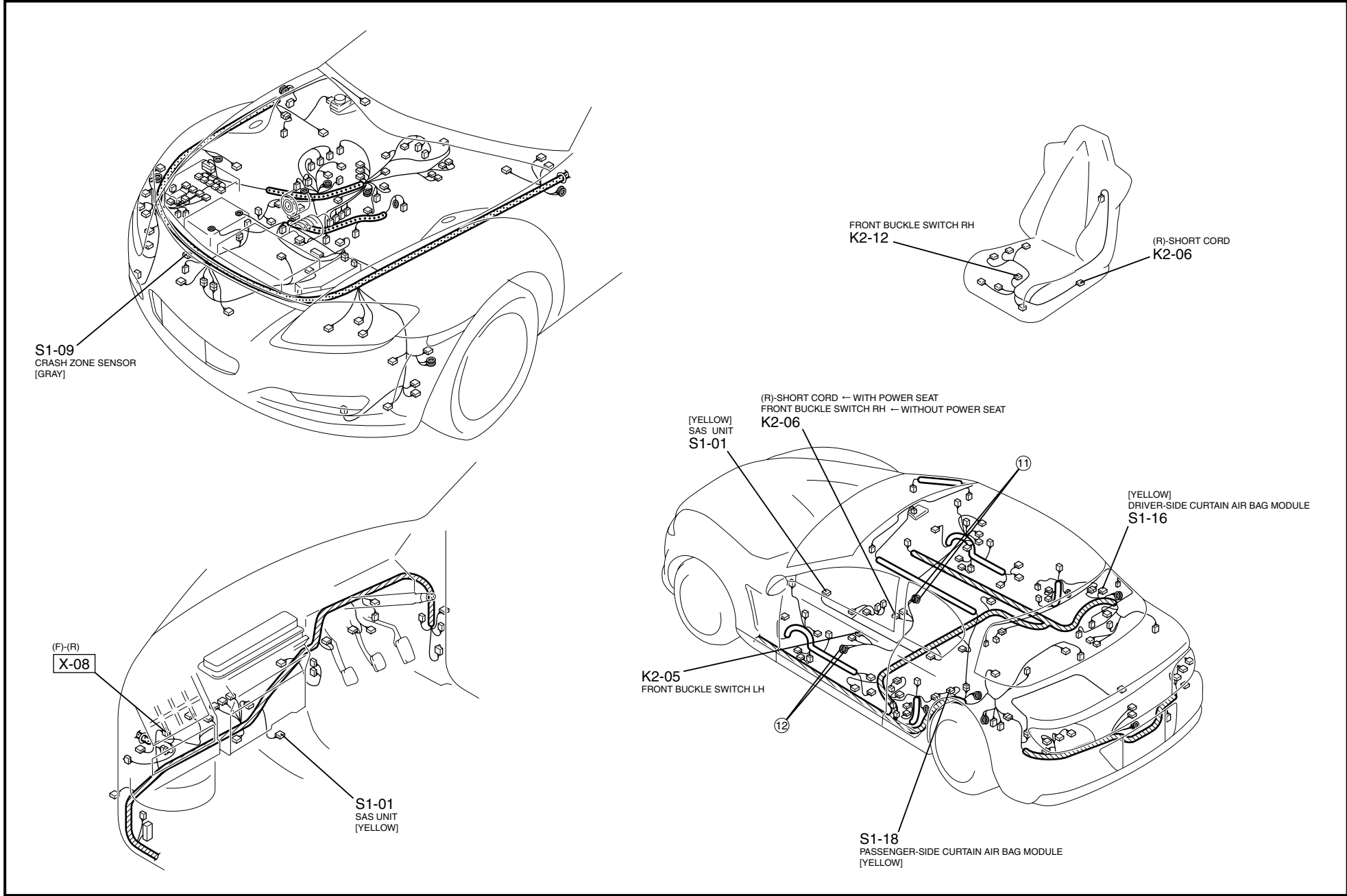
AIR BAG SYSTEM

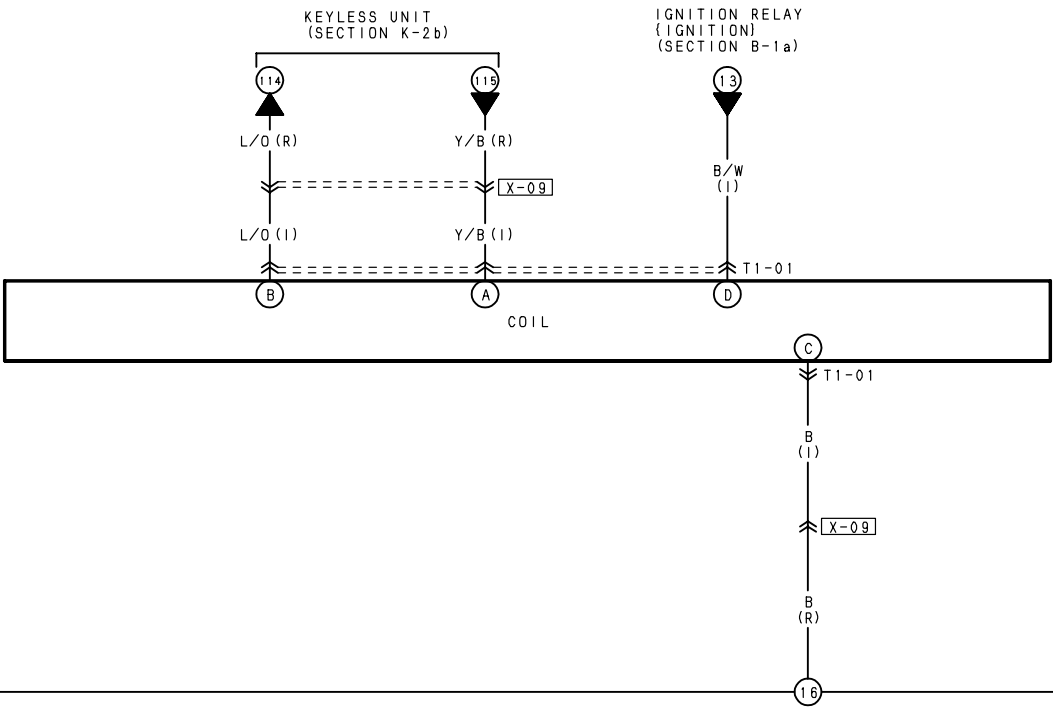
S-1c

Mazda RX-8 Wiring Diagram (5574-1*-03D)

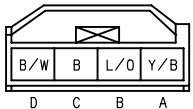





HARNESS SYMBOL:  (F)  (E)  (R)

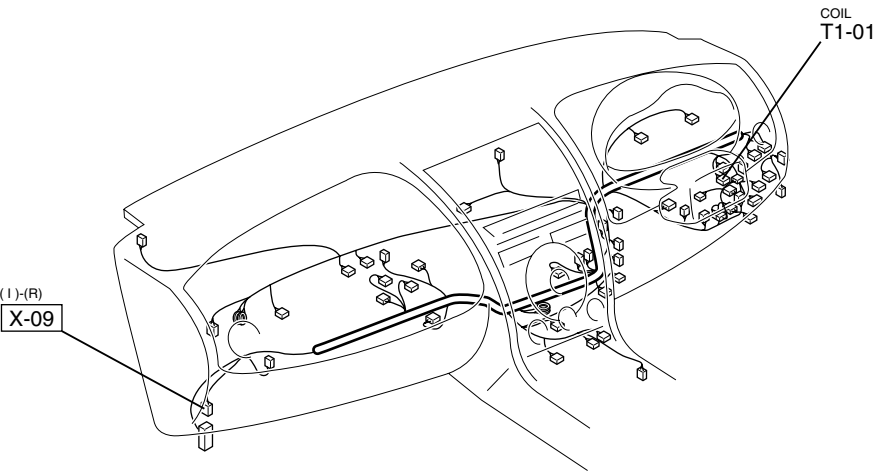
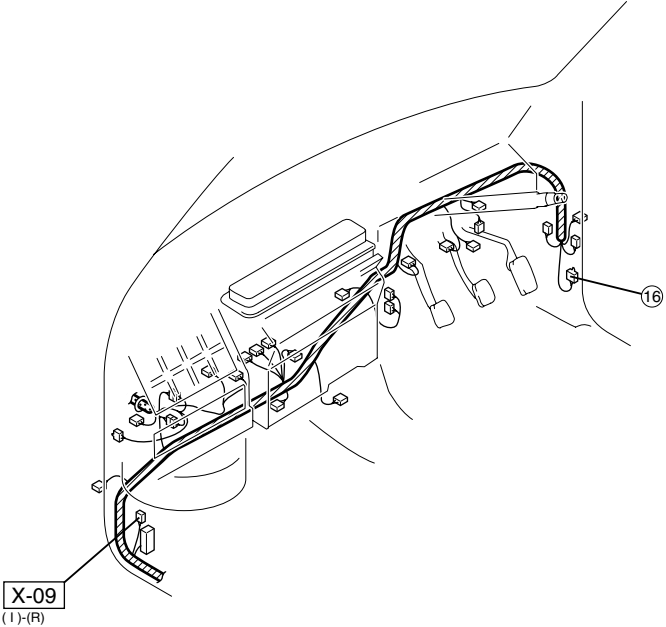


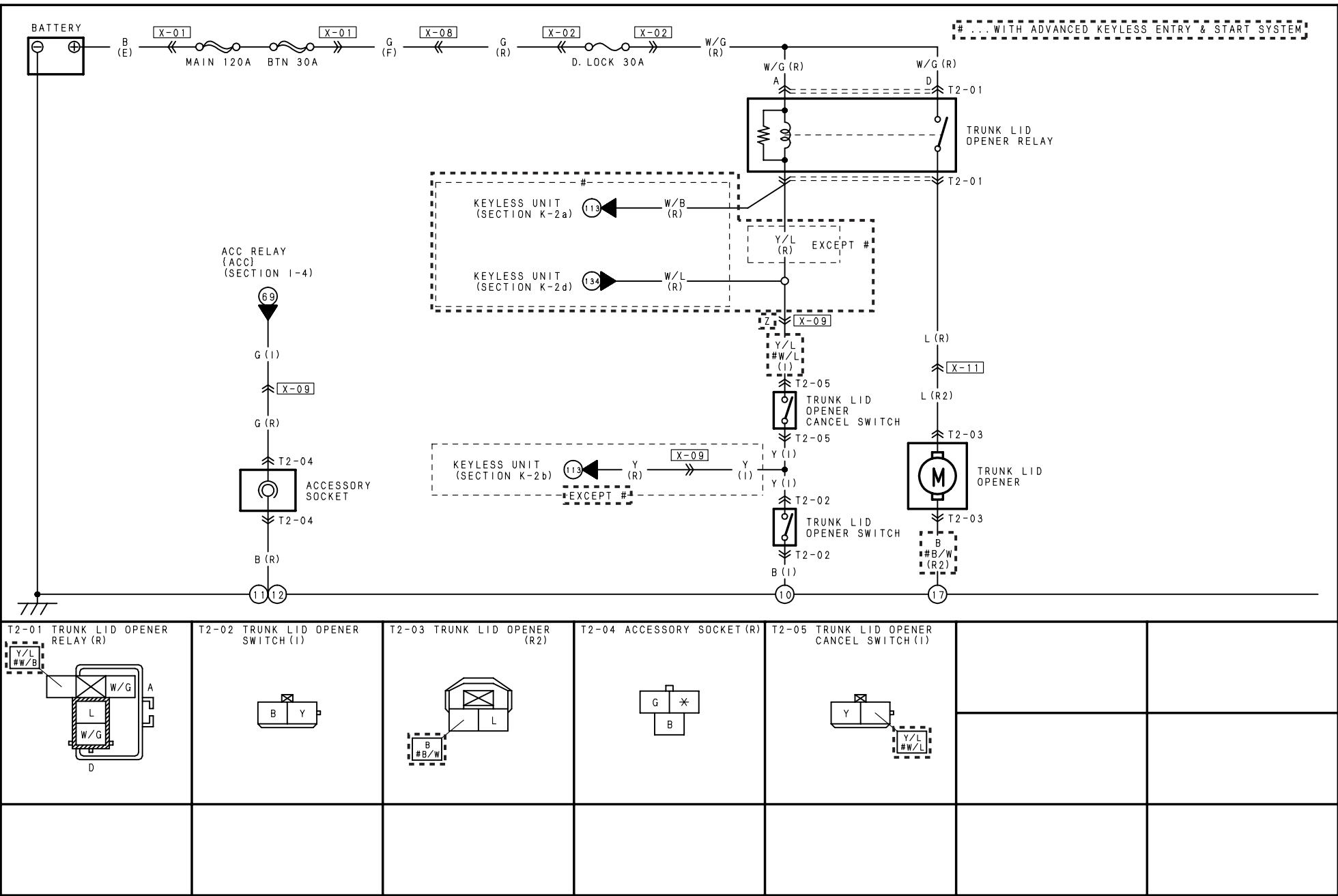


T1-01 COIL (I)





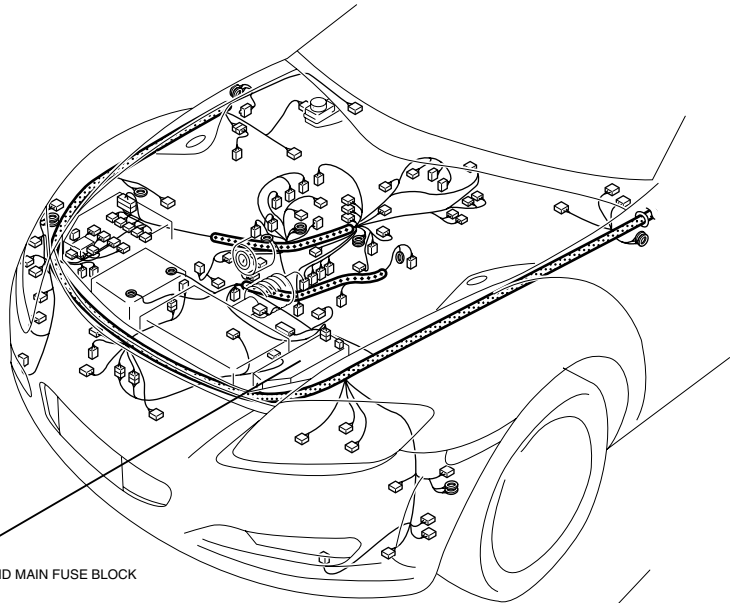
HARNESS SYMBOL:  (F)  (E)  (R)



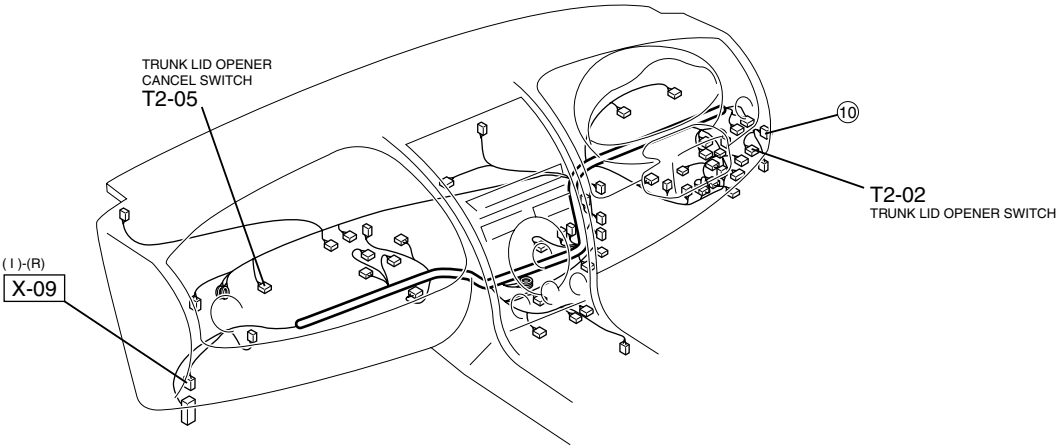


Mazda RX-8 Wiring Diagram (5574-1*-03D)

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



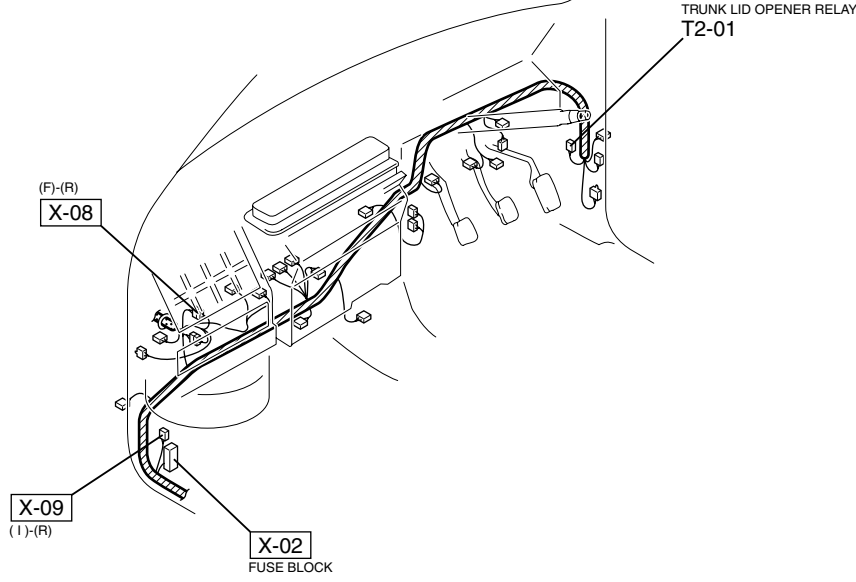
X-01
RELAY AND MAIN FUSE BLOCK



(1)-(R)
X-09

T2-02
TRUNK LID OPENER SWITCH

TRUNK LID OPENER
CANCEL SWITCH
T2-05

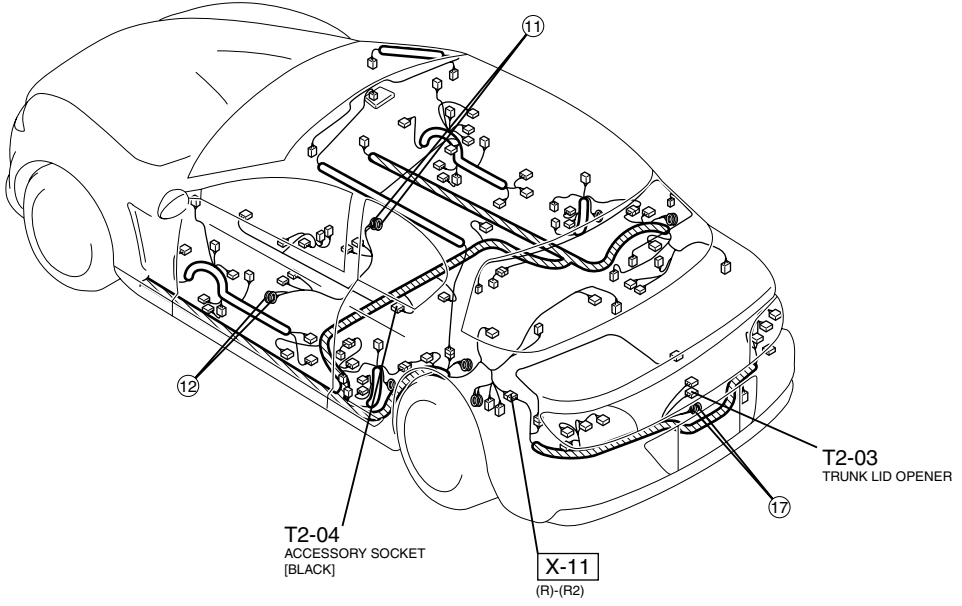


(F)-(R)
X-08

X-09
(1)-(R)

X-02
FUSE BLOCK

TRUNK LID OPENER RELAY
T2-01



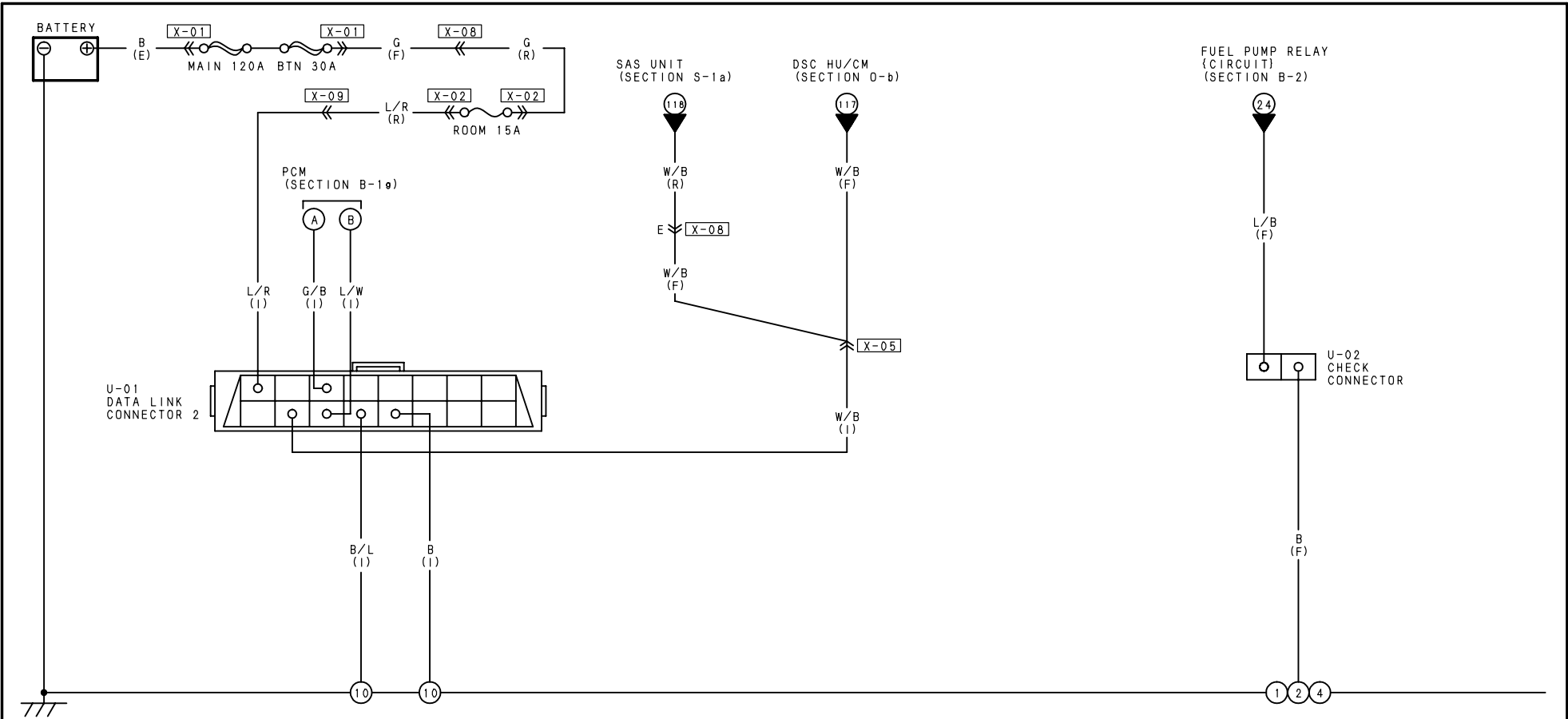
T2-04
ACCESSORY SOCKET
[BLACK]

X-11
(R)-(R2)

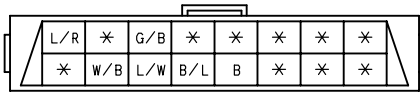
T2-03
TRUNK LID OPENER

DATA LINK CONNECTOR

U

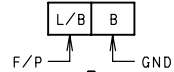


U-01 DATA LINK CONNECTOR 2 (I)






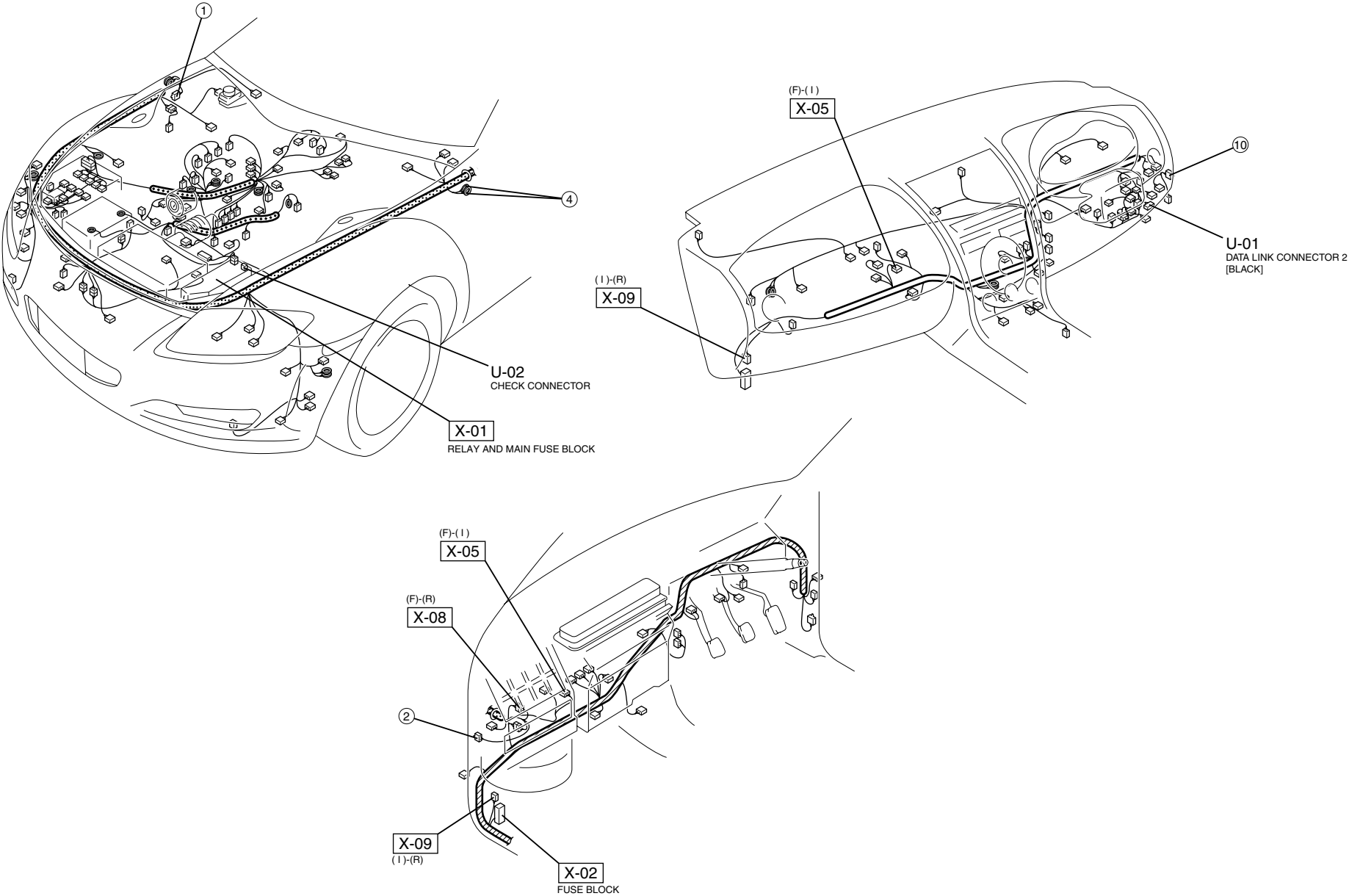
NOTE: THIS IS THE CONNECTOR AS SEEN FROM THE TERMINAL SIDE.

U-02 CHECK CONNECTOR (F)



NOTE: THIS IS THE CONNECTOR AS SEEN FROM THE TERMINAL SIDE.

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



COMMON CONNECTOR LIST

X-1

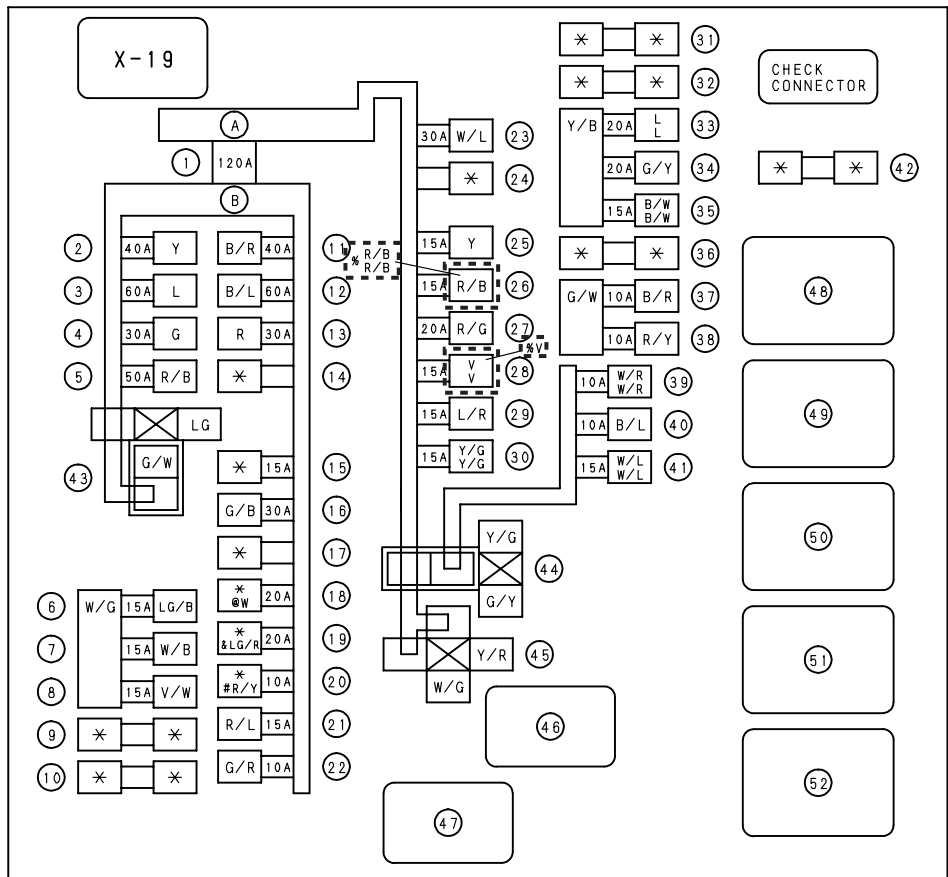
X-01 RELAY AND MAIN FUSE BLOCK

(F)

(E)

A B

B W



... NOT USED
@ ... WITH SEAT WARMER
& ... WITH HEADLIGHT CLEANER SYSTEM
% ... JMO FE103100 104072

- | | | |
|----------------|--------------|---|
| 1 MAIN | 21 FOG | 41 EGI INJ |
| 2 HEATER | 22 A/C MAG | 42 — |
| 3 AIR PUMP | 23 IG | 43 TNS RELAY {TAIL} |
| 4 BTN | 24 — | 44 MAIN RELAY {EGI} |
| 5 DEFOG | 25 IG KEY | 45 HEADLIGHT RELAY {HEAD} |
| 6 HEAD | 26 STOP | 46 STARTER RELAY {ST} |
| 7 HEAD LOW R | 27 FUEL PUMP | 47 IGNITION RELAY {IGNITION} |
| 8 HEAD LOW L | 28 HORN | 48 ACC RELAY {ACC} |
| 9 — | 29 HAZARD | 49 HORN RELAY {HORN} |
| 10 — | 30 ETV | 50 FRONT FOG LIGHT RELAY {FOG} |
| 11 FAN | 31 — | 51 {REAR FOG LIGHT} RELAY {R. FOG} |
| 12 ABS/DSC | 32 — | 52 DRIVE-BY-WIRE RELAY {ETV} |
| 13 ACC | 33 WIPER | 53 COOLING FAN RELAY No. 2 {COOLING FAN2} |
| 14 — | 34 {P. WIND} | 54 BLOWER RELAY {HEATER} |
| 15 {DRL} | 35 ENGINE | 55 FUEL PUMP SPEED CONTROL RELAY {HIGH PRESSURE} {FUEL} |
| 16 {DSC} | 36 — | 56 COOLING FAN RELAY No. 1 {COOLING FAN1} |
| 17 — | 37 TAIL | 57 {SEAT WARMER RELAY} {SEAT WARM} |
| 18 {SEAT WARM} | 38 ILLUMI | 58 FUEL PUMP RELAY {LOW PRESSURE} {CIRCUIT} |
| 19 {H/CLEAN} | 39 EGI COMP1 | 59 A/C RELAY {AIR COND} |
| 20 {R. FOG} | 40 EGI COMP2 | 60 REAR WINDOW DEFROSTER RELAY {DEFOG} |
| | | 61 COOLING FAN RELAY No. 3 {COOLING FAN3} |



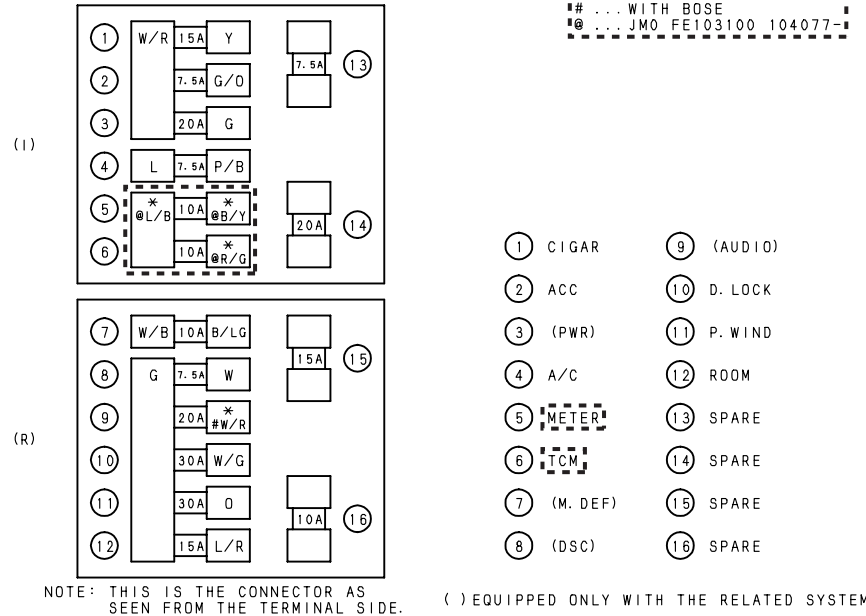
FRONT

NOTE: THIS IS THE CONNECTOR AS SEEN FROM THE TERMINAL SIDE.

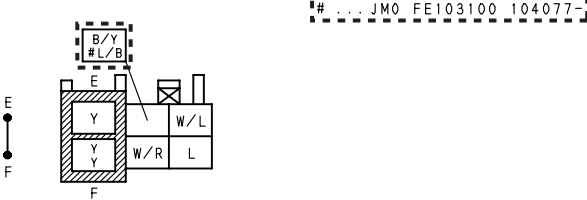
{ } NAME INDICATED ON FUSE BOX COVER
() EQUIPPED ONLY WITH THE RELATED SYSTEM

COMMON CONNECTOR LIST

X-02 FUSE BLOCK

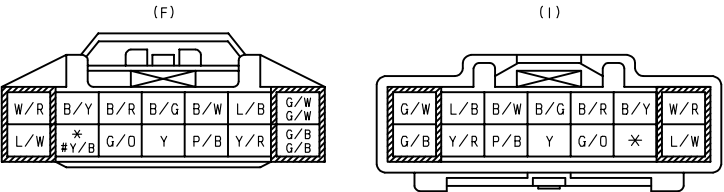


X-04 IGNITION SWITCH (I)

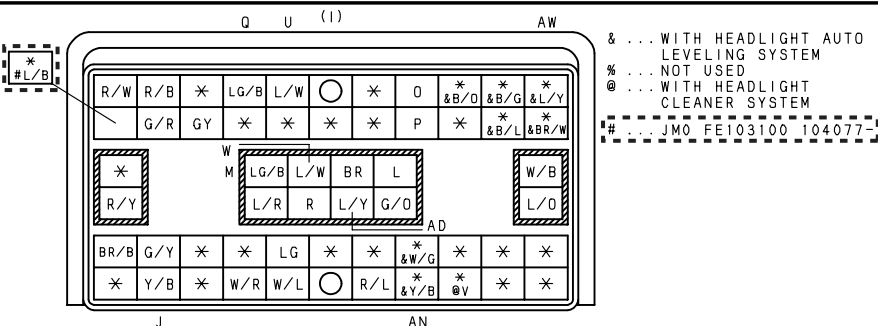
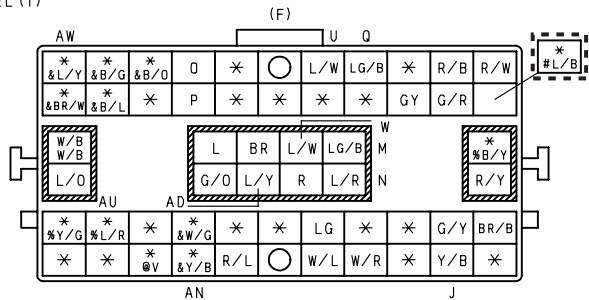


X-06 FRONT (F) - INSTRUMENT PANEL (I)

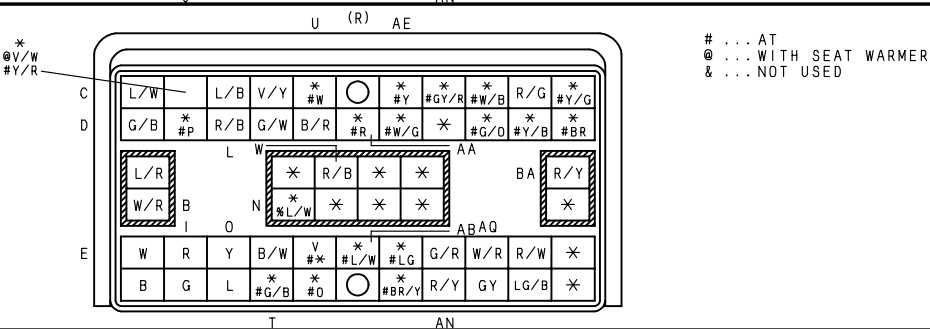
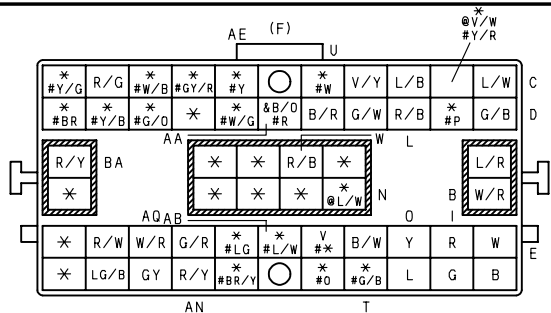
... NOT USED



X-05 FRONT (F) - INSTRUMENT PANEL (I)



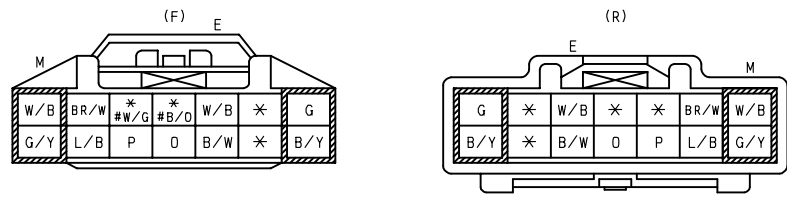
X-07 FRONT (F) - REAR (R)



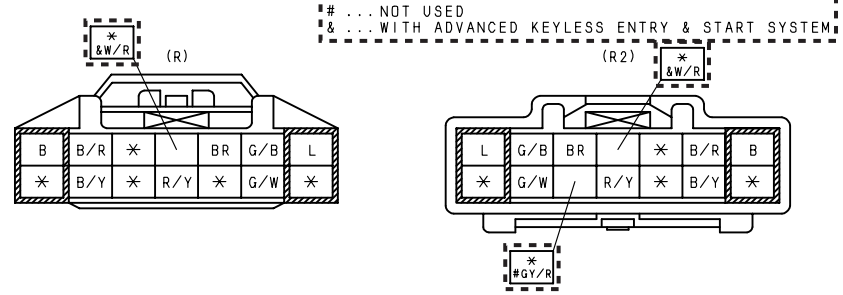
COMMON CONNECTOR LIST

X-3

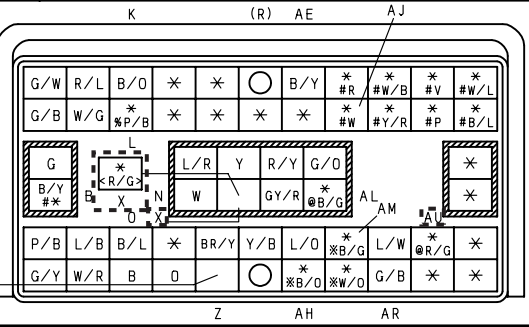
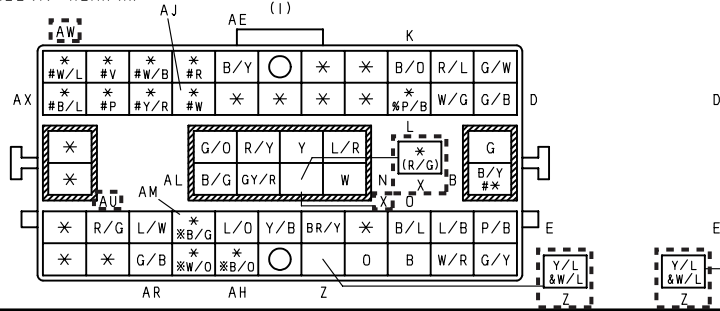
X-08 FRONT (F) - REAR (R)



X-11 REAR (R) - REAR No. 2 (R2)

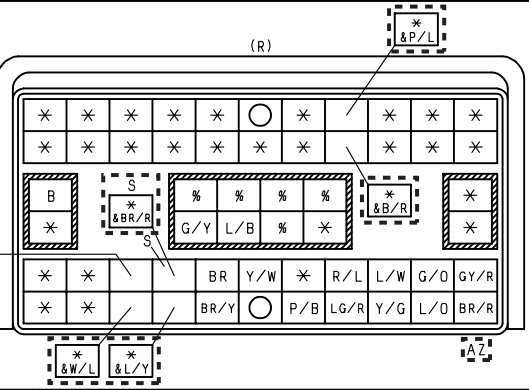
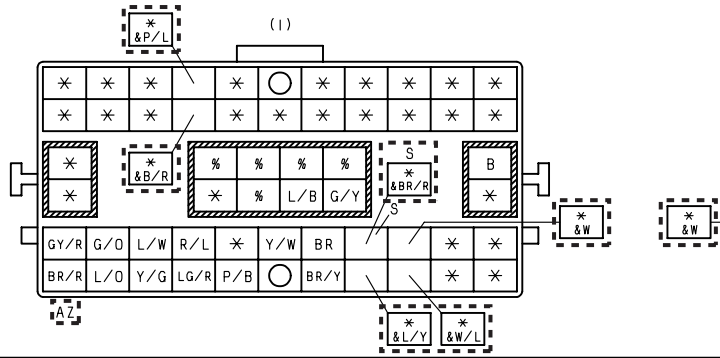


X-09 INSTRUMENT PANEL (I) - REAR (R)



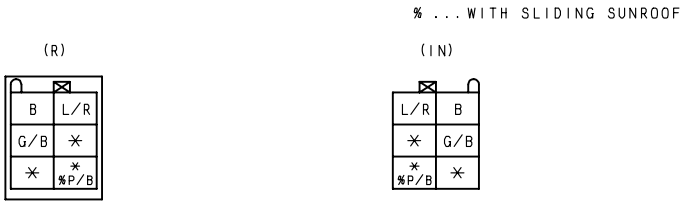
< > ... AT JMO FE103100 104077-
... WITHOUT BOSE
* ... WITH HEADLIGHT AUTO LEVELING SYSTEM
@ ... AT
% ... WITH SLIDING SUNROOF
() ... JMO FE103100 104077-
& ... WITH ADVANCED KEYLESS ENTRY & START SYSTEM

X-10 INSTRUMENT PANEL (I) - REAR (R)

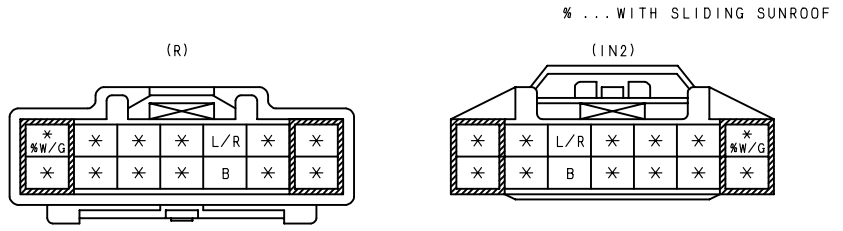


% ... BARE WIRE
& ... WITH ADVANCED KEYLESS ENTRY & START SYSTEM

X-12 REAR (R) - INTERIOR LIGHT (IN)



X-13 REAR (R) - INTERIOR LIGHT No. 2 (IN2)



133

Revised 6/2006 (Ref. No. L043/06)



COMMON CONNECTOR LIST

X-5

<div>X-19 FRONT (F) -ENGINE (E)</div> <div><div>(F)</div><div><div><div>B</div><div>*</div></div><div><div>L/R</div><div>B/Y</div></div></div><div>FRONT</div><div>NOTE:THIS IS THE CONNECTOR AS SEEN FROM THE TERMINAL SIDE.</div></div> <div><div>(E)</div><div><div><div>*</div><div>B</div></div><div><div>B/Y</div><div>L/R</div></div></div><div>FRONT</div></div>	<div>X-20 JOINT CONNECTOR (F)</div> <div><div><div><div>G</div><div>E</div><div>C</div><div>A</div></div><div><div>G/B</div><div>G/B</div><div>L/W</div><div>L/W</div></div><div><div>*</div><div>G/B</div><div>*</div><div>L/W</div></div><div><div>H</div><div>F</div><div>D</div><div>B</div></div></div><div><div><div>G</div><div>E</div><div>C</div><div>A</div></div><div><div>H</div><div>F</div><div>D</div><div>B</div></div></div></div>	<div>X-21 JOINT CONNECTOR (F)</div> <div><div><div><div>G</div><div>E</div><div>C</div><div>A</div></div><div><div>G/B</div><div>G/B</div><div>L/W</div><div>L/W</div></div><div><div>*</div><div>G/B</div><div>*</div><div>L/W</div></div><div><div>H</div><div>F</div><div>D</div><div>B</div></div></div><div><div><div>G</div><div>E</div><div>C</div><div>A</div></div><div><div>H</div><div>F</div><div>D</div><div>B</div></div></div></div>
<div>X-22 JOINT CONNECTOR (I)</div> <div><div><div><div>G</div><div>E</div><div>C</div><div>A</div></div><div><div>G/B</div><div>G/B</div><div>L/W</div><div>L/W</div></div><div><div>G/B</div><div>G/B</div><div>L/W</div><div>L/W</div></div><div><div>H</div><div>F</div><div>D</div><div>B</div></div></div><div><div><div>G</div><div>E</div><div>C</div><div>A</div></div><div><div>H</div><div>F</div><div>D</div><div>B</div></div></div></div>	<div>X-23 JOINT CONNECTOR (I)</div> <div><div><div><div>G</div><div>E</div><div>C</div><div>A</div></div><div><div>B</div><div>B</div><div>B</div><div>B</div></div><div><div>*</div><div>B</div><div>B</div><div>*</div></div><div><div>H</div><div>F</div><div>D</div><div>B</div></div></div><div><div><div>G</div><div>E</div><div>C</div><div>A</div></div><div><div>H</div><div>F</div><div>D</div><div>B</div></div></div></div>	
<div>X-24 JOINT CONNECTOR (R)</div> <div><div><div>@ ... AT & ... WITH ADVANCED KEYLESS ENTRY & START SYSTEM</div><div><div><div>G</div><div>E</div><div>C</div><div>A</div></div><div><div>*G/B</div><div>*G/B</div><div>*L/W</div><div>*L/W</div></div><div><div>G/B</div><div>G/B</div><div>L/W</div><div>L/W</div></div><div><div>H</div><div>F</div><div>D</div><div>B</div></div></div><div><div><div>G</div><div>E</div><div>C</div><div>A</div></div><div><div>H</div><div>F</div><div>D</div><div>B</div></div></div></div></div>	<div>X-25 JOINT CONNECTOR (R)</div> <div><div><div><div>G</div><div>E</div><div>C</div><div>A</div></div><div><div>G/B</div><div>G/B</div><div>L/W</div><div>L/W</div></div><div><div>*G/B</div><div>*G/B</div><div>*L/W</div><div>*L/W</div></div><div><div>H</div><div>F</div><div>D</div><div>B</div></div></div><div><div><div>G</div><div>E</div><div>C</div><div>A</div></div><div><div>H</div><div>F</div><div>D</div><div>B</div></div></div><div><div># ... AT & ... WITH ADVANCED KEYLESS ENTRY & START SYSTEM</div></div></div>	
<div>X-26 INSTRUMENT PANEL (I) -REAR (R)</div> <div><div><div>(I)</div><div><div><div>*</div><div>BR/R</div><div>W</div><div>LG/R</div><div>V/Y</div><div>*</div></div><div><div>*</div><div>L/Y</div><div>W/L</div><div>V/R</div><div>*</div><div>*</div></div></div></div><div><div>(R)</div><div><div><div>*</div><div>V/Y</div><div>LG/R</div><div>W</div><div>BR/R</div><div>*</div></div><div><div>*</div><div>*</div><div>V/R</div><div>W/L</div><div>L/Y</div><div>*</div></div></div></div></div>	<div>X-27 REAR (R) -REAR No. 2 (R2)</div> <div><div><div>(R)</div><div><div><div>LG</div><div>V/G</div><div>P/B</div></div><div><div>*</div><div>LG/B</div><div>BR/B</div></div></div></div><div><div>(R2)</div><div><div><div>P/B</div><div>V/G</div><div>LG</div></div><div><div>BR/B</div><div>LG/B</div><div>*</div></div></div></div></div>	

ALPHABETICAL INDEX

A

A/C AMPLIFIER	70
A/C RELAY	74
ABBREVIATION	10
ABS WHEEL-SPEED SENSOR	108
ACC RELAY	88
ACCELERATOR PEDAL POSITION SENSOR	28
ACCESSORY SOCKET	126
AIR BAG MODULE	118
AIR INTAKE ACTUATOR	70
AIR MIX ACTUATOR	72
AIRFLOW MODE ACTUATOR	72
AMBIENT TEMPERATURE SENSOR	72
AUDIO CONTROL SWITCH	
(WITH BOSE)	92
(WITHOUT BOSE)	90
AUDIO UNIT	
(WITH BOSE)	92
(WITHOUT BOSE)	90
AUDIOPILOT MICROPHONE	94
AUTO LEVELING CONTROL UNIT	60
AUTO LEVELING SENSOR	60
AUXILIARY PORT VALVE MOTOR	32

B

BACK-UP LIGHT	66
BACK-UP LIGHT SWITCH	66
BAROMETRIC PRESSURE SENSOR	28
BLOWER MOTOR	70
BLOWER RELAY	70
BONNET SWITCH	102
BRAKE FLUID LEVEL SENSOR	44
BRAKE FLUID PRESSURE SENSOR	110
BRAKE LIGHT	68
BRAKE SWITCH	26, 68
BUCKLE SWITCH	100, 122

C

CABIN TEMPERATURE SENSOR	72
CENTER PANEL MODULE	72
CENTER SPEAKER	96
CHECK CONNECTOR	128
CIGARETTE LIGHTER	88
CLUTCH PEDAL POSITION SWITCH	26
COIL	124
COMBINATION LIGHT	52, 58, 60
COMBINED SENSOR	110
COMMON CONNECTOR LIST	130
CONDENSER	26, 38, 80
CONTROL VALVE BODY	78
COOLANT LEVEL SWITCH	26
COOLING FAN MOTOR	40
COOLING FAN RELAY	40
COURTESY LIGHT	86
CRASH ZONE SENSOR	122
CRUISE CONTROL SWITCH	28
CURTAIN AIR BAG MODULE	122

D

DATA LINK CONNECTOR	128
DOOR LOCK ACTUATOR	102
DOOR LOCK CONTROL UNIT	100
DOOR LOCK-LINK SWITCH	100

DOOR LOWER LATCH SWITCH	48
DOOR SPEAKER	
(WITH BOSE)	96
(WITHOUT BOSE)	90
DOOR SPEAKER AMPLIFIER	96
DOOR SWITCH	48
DOOR UPPER LATCH SWITCH	48
DOUBLE LOCK SWITCH	102
DOWN SWITCH	76
DRIVE-BY-WIRE RELAY	24
DRIVER-SIDE AIR BAG MODULE	118
DRIVER-SIDE CURTAIN AIR BAG MODULE	122
DRIVER-SIDE PRE-TENSIONER	
SEAT BELT	120
DRIVER-SIDE SIDE AIR BAG MODULE	120
DRIVER-SIDE SIDE AIR BAG SENSOR	120
DSC HU/CM	108
DSC OFF SWITCH	108

E

ECCENTRIC SHAFT POSITION SENSOR	30
ELECTRICAL WIRING SCHEMATIC	20
ENGINE COOLANT TEMPERATURE SENSOR	32
EPS CONTROL MODULE	106
EPS MOTOR	106
EVAPORATOR TEMPERATURE SENSOR	72

F

FILAMENT	80
FLASHER UNIT	64
FOG LIGHT	56
FOG LIGHT RELAY	56
FOG LIGHT SWITCH	56
FRONT AUTO LEVELING SENSOR	60
FRONT BUCKLE SWITCH	100, 122
FRONT COMBINATION LIGHT	52, 58, 60
FRONT DOOR LOCK ACTUATOR	102
FRONT DOOR SPEAKER	
(WITH BOSE)	96
(WITHOUT BOSE)	90
FRONT DOOR SPEAKER AMPLIFIER	96
FRONT FOG LIGHT	56
FRONT FOG LIGHT RELAY	56
FRONT FOG LIGHT SWITCH	56
FRONT HEATED OXYGEN SENSOR	30
FRONT SIDE TURN LIGHT	64
FRONT TILT MOTOR	112
FRONT TURN LIGHT	64
FRONT TWEETER	
(WITH BOSE)	96
(WITHOUT BOSE)	90
FUEL GAUGE SENDER UNIT	38
FUEL INJECTOR	32
FUEL PUMP RELAY	38
FUEL PUMP RESISTOR	38
FUEL PUMP SPEED CONTROL RELAY	38
FUEL PUMP UNIT	38
FUEL SUCTION PIPE BRACKET	38
FUSE BLOCK	106

G

GENERAL INFORMATION	2
GENERATOR	22
GLOVE COMPARTMENT LIGHT	84
GROUND POINT	16

ALPHABETICAL INDEX

HEADLIGHT SWITCH (DISCHARGE TYPE).....	52
(HALOGEN TYPE).....	54
HEATED OUTER MIRROR.....	104
HEATED OXYGEN SENSOR.....	30
HIGH-MOUNT BRAKE LIGHT.....	68
HORN.....	68
HORN RELAY.....	68
HORN SWITCH.....	68

I	
IGNITION COIL.....	26
IGNITION RELAY.....	24
ILLUMINATION	
ASHTRAY.....	82
AUDIO UNIT.....	82
CIGARETTE LIGHTER.....	82
DSC OFF SWITCH.....	82
GROUND.....	86
IGNITION KEY.....	42
INSTRUMENT CLUSTER.....	84
POWER WINDOW MAIN SWITCH.....	82
SEAT WARMER SWITCH.....	82
SELECTOR.....	82
STEERING SWITCH.....	84
VANITY MIRROR.....	86
INSTRUMENT CLUSTER.....	42
INTERIOR LIGHT.....	86

K	
KEY REMINDER SWITCH.....	42
KEYLESS ANTENNA.....	102-4, 102-6
KEYLESS BEEPER.....	102-2
KEYLESS RECEIVER.....	102, 102-2
KEYLESS UNIT.....	100, 102-2
KNOCK SENSOR.....	30

L	
LICENSE PLATE LIGHT.....	58
LOCK RELEASE SOLENOID.....	100
LUMBAR SUPPORT MOTOR.....	112
LUMBAR SUPPORT SWITCH.....	112

M	
MAGNETIC CLUTCH.....	74
MAIN AMPLIFIER.....	94
MAIN RELAY.....	24
MAP LIGHT.....	86
MASS AIR FLOW SENSOR.....	28
METERING OIL PUMP.....	30
METERING OIL PUMP SWITCH.....	32

N	
NEUTRAL SWITCH.....	34
NOISE FILTER.....	68, 80, 106

O	
OIL-LEVEL SWITCH.....	34
OIL PRESSURE SWITCH.....	34, 78

P	
PANEL LIGHT CONTROL SWITCH.....	84
PARKING BRAKE SWITCH.....	46
PARKING LIGHT.....	58
PASSENGER-SIDE AIR BAG MODULE.....	118
PASSENGER-SIDE CURTAIN AIR BAG MODULE.....	122
PASSENGER-SIDE PRE-TENSIONER SEAT BELT.....	120
PASSENGER-SIDE SIDE AIR BAG MODULE.....	120
PASSENGER-SIDE SIDE AIR BAG SENSOR.....	120
PCM.....	24

POWER OUTER MIRROR.....	104
POWER OUTER MIRROR SWITCH.....	104
POWER SEAT SWITCH.....	112
POWER TRANSISTOR.....	70
POWER WINDOW MAIN SWITCH.....	98
POWER WINDOW MOTOR.....	98
POWER WINDOW SUBSWITCH.....	98
PRE-TENSIONER SEAT BELT.....	120
PURGE SOLENOID VALVE.....	30

R	
REAR AUTO LEVELING SENSOR.....	60
REAR DOOR LOWER LATCH SWITCH.....	48
REAR DOOR UPPER LATCH SWITCH.....	48
REAR HEATED OXYGEN SENSOR.....	30
REAR SIDE MARKER LIGHT.....	58
REAR SPEAKER (WITH BOSE).....	94
(WITHOUT BOSE).....	90
REAR TILT MOTOR.....	112
REAR TURN LIGHT.....	64
REAR TWEETER.....	94
REAR WINDOW DEFROSTER RELAY.....	80
RECLINER MOTOR.....	112
REFRIGERANT PRESSURE SWITCH.....	70
REQUEST SWITCH.....	102-4, 102-6

S	
SAS UNIT.....	118
SEAT WARMER.....	114
SEAT WARMER RELAY.....	114
SEAT WARMER SWITCH.....	114
SECONDARY AIR INJECTION PUMP.....	24
SECONDARY AIR INJECTION PUMP RELAY.....	24
SECONDARY AIR INJECTION SOLENOID VALVE.....	30
SECONDARY SHUTTER VALVE SOLENOID VALVE.....	30
SECONDARY SHUTTER VALVE SWITCH.....	34
SELECTOR LEVER COMPONENT.....	76
SIDE AIR BAG MODULE.....	120
SIDE AIR BAG SENSOR.....	120
SIDE MARKER LIGHT.....	58
SIDE TURN LIGHT.....	64
SLIDE MOTOR.....	112
SOLAR RADIATION SENSOR.....	72
SOLENOID.....	78
SPEAKER (WITH BOSE).....	94
(WITHOUT BOSE).....	90
STARTER.....	22
STARTER RELAY.....	22
STEERING ANGLE SENSOR.....	108
STEERING LOCK UNIT.....	102-2
SUNROOF MOTOR.....	104-2
SUNROOF SWITCH.....	104-2

T	
TAILLIGHT.....	58
TCM.....	76
THROTTLE BODY.....	30
TILT MOTOR.....	112
TNS RELAY (DISCHARGE TYPE).....	52
(HALOGEN TYPE).....	54
TORQUE SENSOR.....	106
TRANSMISSION RANGE SWITCH.....	22, 76
TRUNK COMPARTMENT LIGHT.....	80
TRUNK COMPARTMENT LIGHT SWITCH.....	80
TRUNK LID OPENER.....	126
TRUNK LID OPENER CANCEL SWITCH.....	126
TRUNK LID OPENER RELAY.....	126

ALPHABETICAL INDEX

TRUNK LID OPENER SWITCH.....	126
TURBINE SENSOR	76
TURN LIGHT	64
TURN SWITCH.....	64
TWEETER	
(FRONT)	
(WITH BOSE)	96
(WITHOUT BOSE).....	90
(REAR).....	94

U

UP SWITCH.....	76
----------------	----

V

VARIABLE DYNAMIC EFFECT INTAKE-AIR	
SOLENOID VALVE	30
VARIABLE FRESH AIR DUCT	
SOLENOID VALVE	28
VEHICLE IDENTIFICATION NUMBER	0
VEHICLE SPEED SENSOR	76

W

WASHER FLUID-LEVEL SENSOR	62
WINDOW DEFROSTER RELAY	80
WINDSHIELD WASHER MOTOR	50
WINDSHIELD WIPER AND	
WASHER SWITCH	50
WINDSHIELD WIPER MOTOR	50
WIRING COLOR CODE	0