Mazda MX-5 Miata

2000 Wiring Diagram

mazda

Mazda MX-5 Miata

2000 Wiring Diagram

CONTENTS

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.

PRINTED IN U.S.A., JUL. 1999
Form No. 5455-1U-99G
Part No. 9999-95-026G-00

VEHICLE IDENTIFICATION NUMBER (VIN) (CHASSIS NUMBER)

JM1 NB353* Y# 100001—

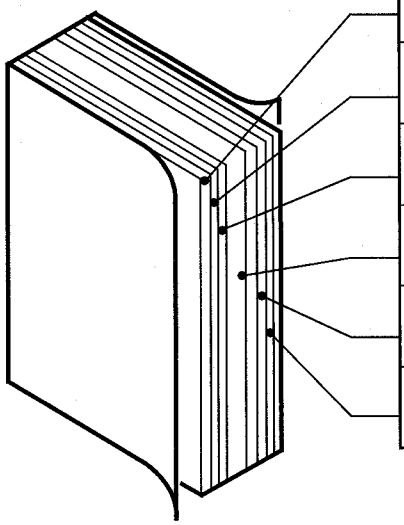
WIRING COLOR CODE

Color	Code	Color	Code
Blue	L	Orange	O
Black	B	Pink	P
Brown	BR	Red	R
Dark Blue	DL	Purple	PU
Dark Green	DG	Sky Blue	SB
Green	G	Tan	T
Gray	GY	White	W
Light Blue	LB	Yellow	Y
Light Green	LG	Violet	V
Natural	N		

SYSTEM INDEX

Contents of wiring diagrams

- This document comprises the 6 groups shown below.

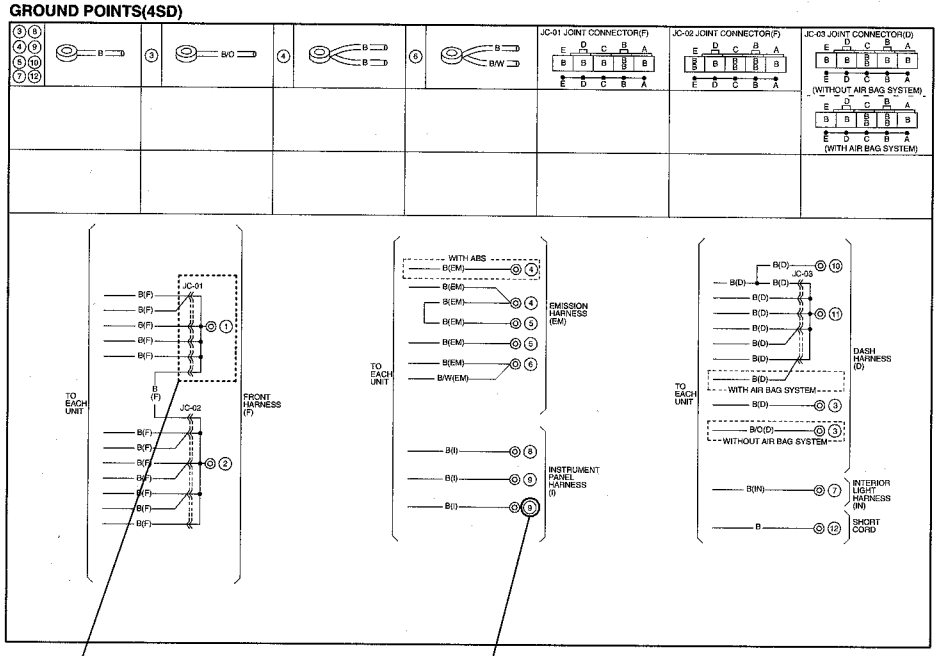


GI	**General information of wiring diagrams**	A how-to on using and reading wiring diagrams, using test equipment,checking harness and connectors,and finding trouble spots
Y	**Ground points**	Ground routes from and to the battery
W	**Electrical wiring schematic**	Shows main fuses and other fuses for 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
PI	**Parts Index**	Gives page number of circuit diagram for each component

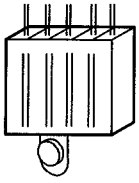
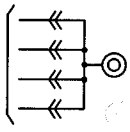
Ground points

- This shows ground points of the harness.

GROUND POINTS(4SD)



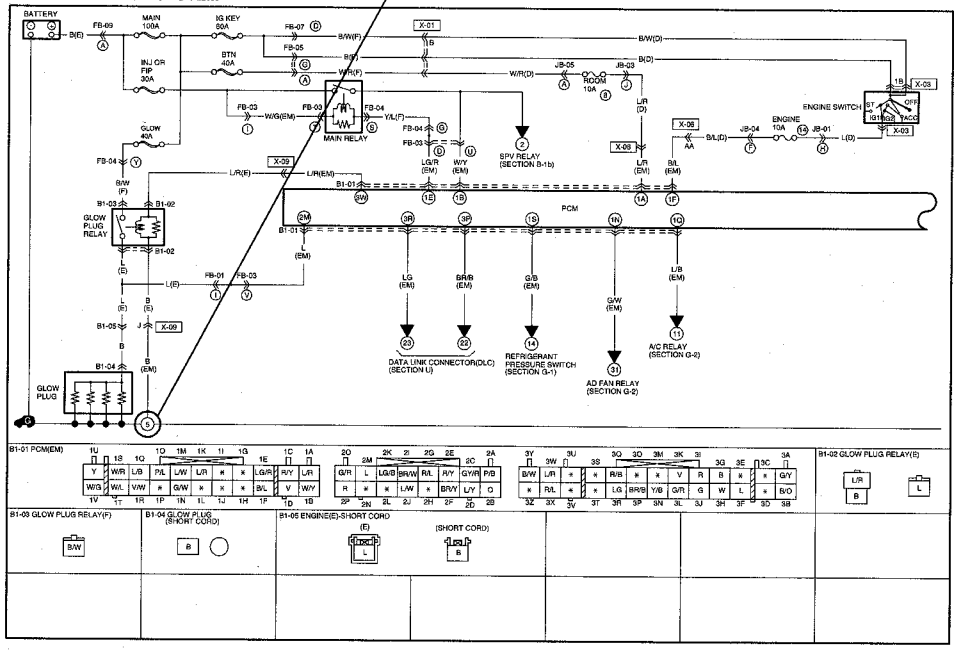
Ground indication

On vehide	Indication
	To circuit 

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

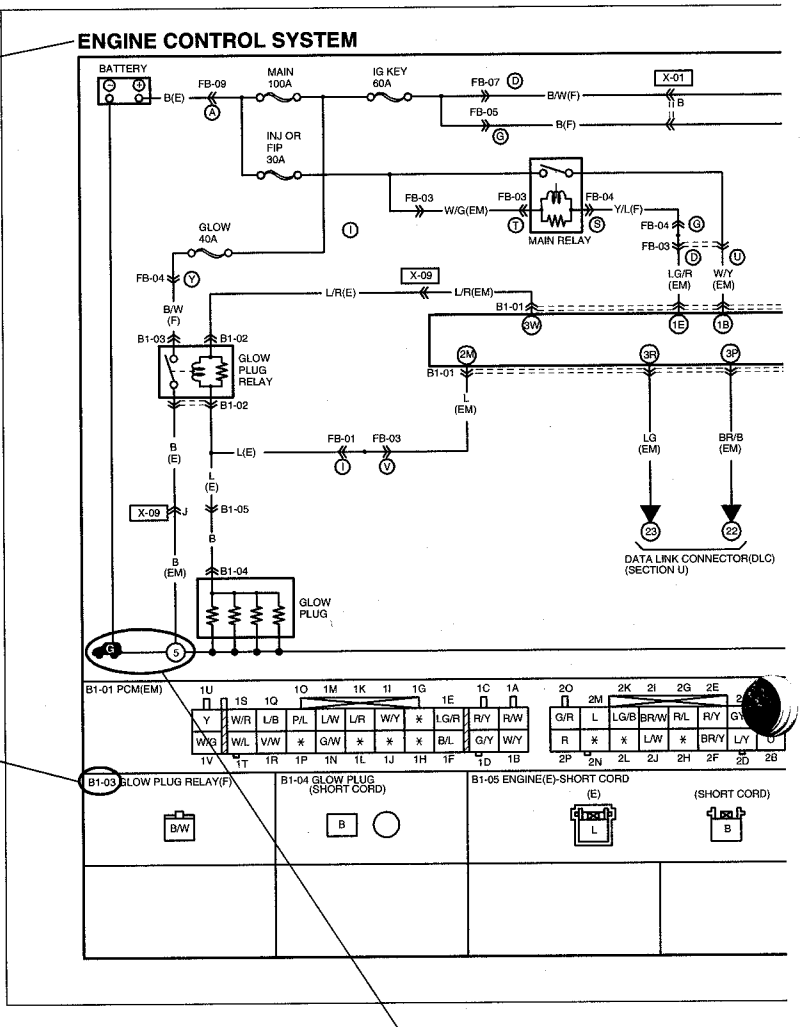


System circuit diagram/connector diagram

- 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



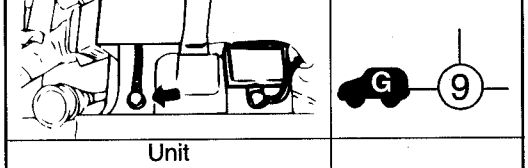
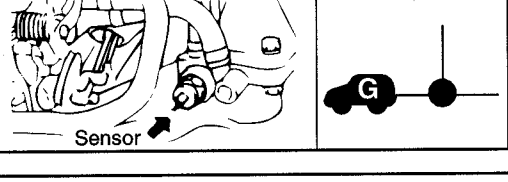
Connector code

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 : 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
- O : Anti-lock brake system connectors
- Q : Auto cruise control system connectors
- S : Passive shoulder belt control/Airbag system connectors
- U : Data link connector
- X : Common connectors

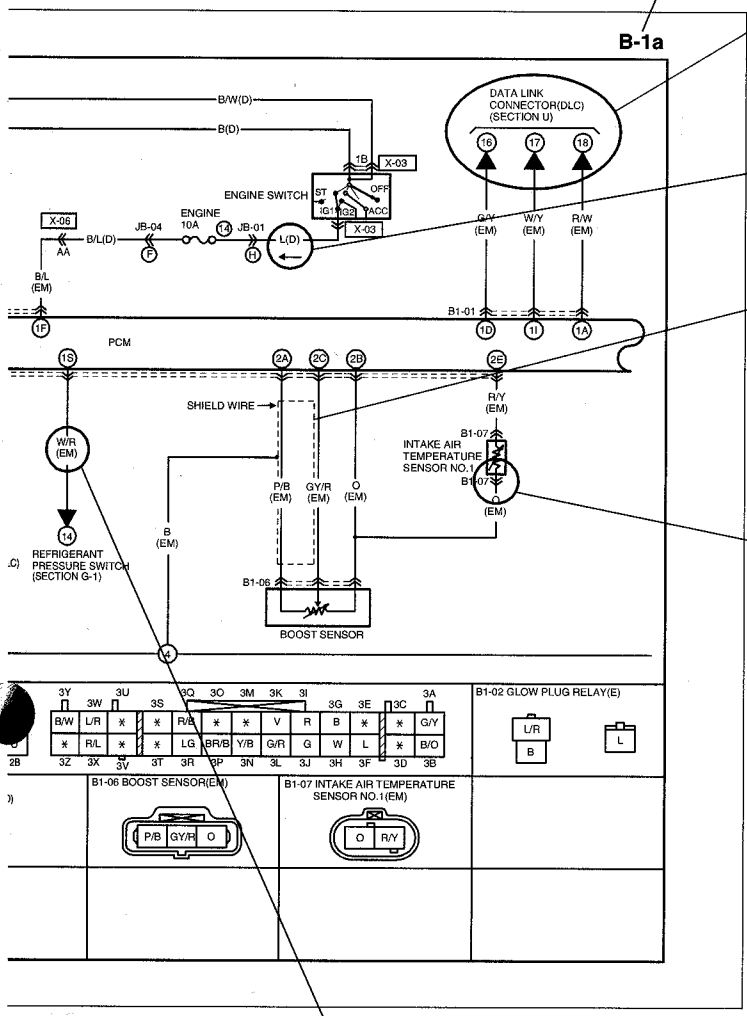
Ground numbers

A harness ground is represented differently than a unit ground.

Types of grounds	Symbol
Harness	
Unit	

System code

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



Current symbol

Current flows in the direction of the arrow.

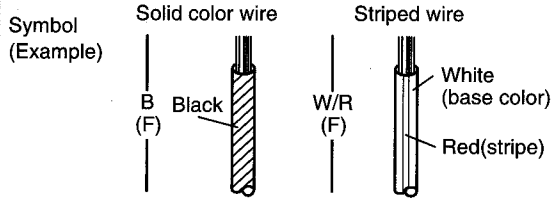
Indicates shielded wire.*

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

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:

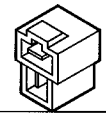
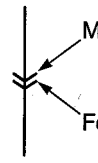
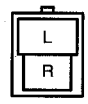
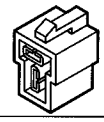
  W/R is a white wire with a red strip
  BR/Y is a brown wire with a yellow strip



- The harness symbol is in ( ) following the harness symbols (refer to P-7.).

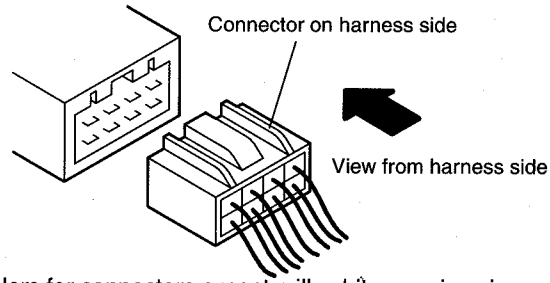
Connector symbols

- 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 milk-white are given in locations.
- Unused terminals are indicated by ✳ .

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)

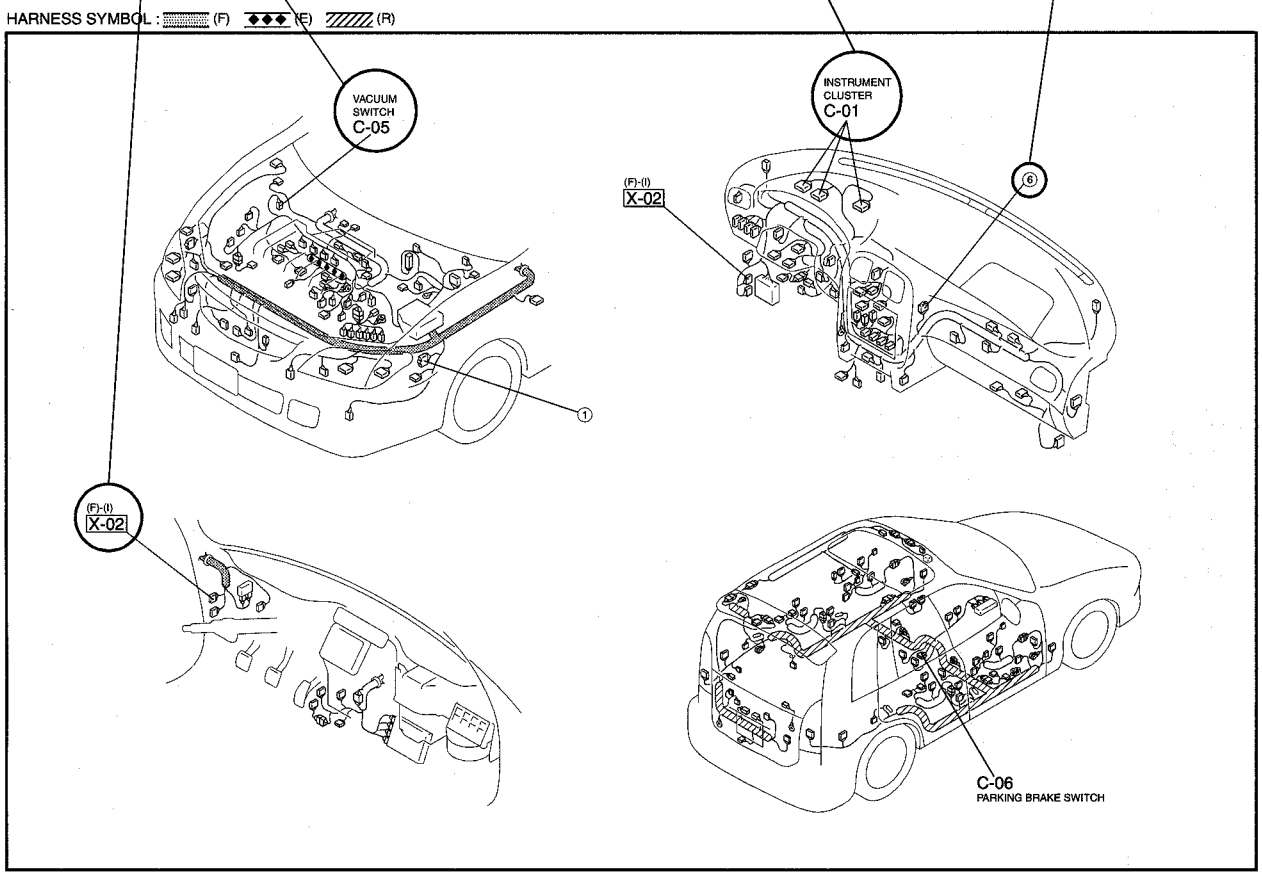
Connector	Symbol
Common connectors	X-19
System connectors	I-03

Component name

Shows the names of components in routing diagrams.

Ground symbol

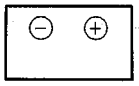
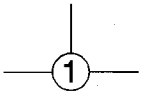
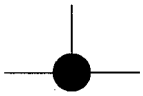
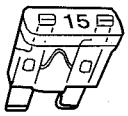
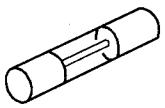
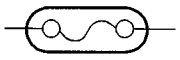
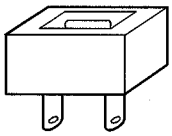
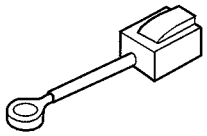
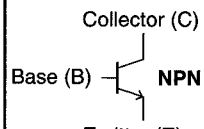
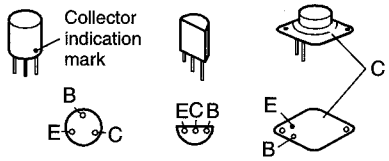
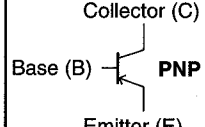
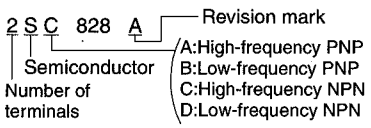
Shows the ground in system diagrams.

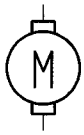
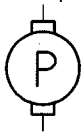
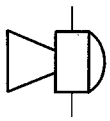
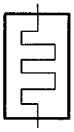
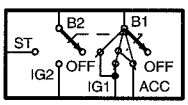


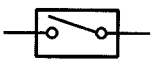
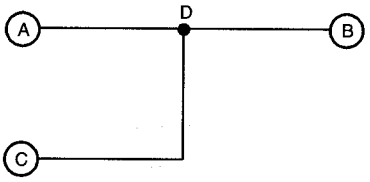
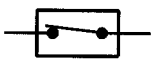
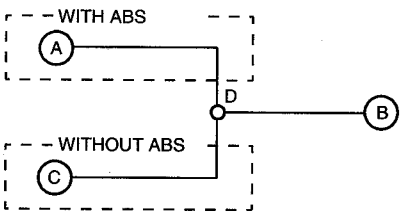
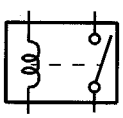
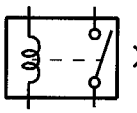
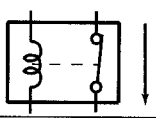
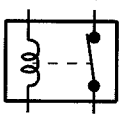
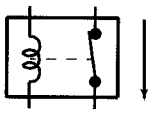
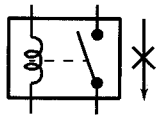
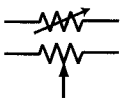
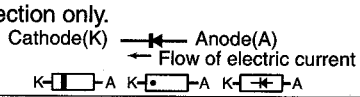
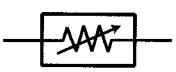
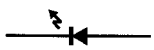
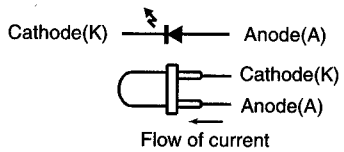
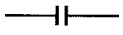
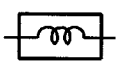
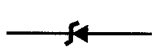
Harness symbols

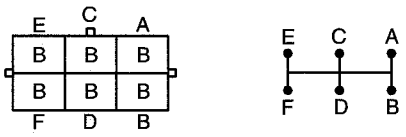
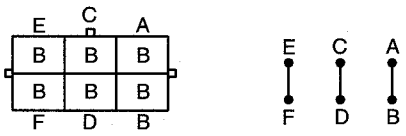
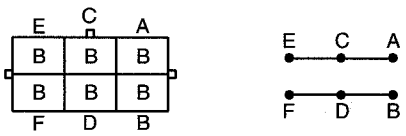
DESCRIPTION OF HARNESS	SYMBOL		DESCRIPTION OF HARNESS	SYMBOL	
FRONT HARNESS	(F)		DOOR NO.1 HARNESS	(DR1)	
FRONT NO.2 HARNESS	(F2)		DOOR NO.2 HARNESS	(DR2)	
ENGINE HARNESS	(E)		DOOR NO.3 HARNESS	(DR3)	
DASH HARNESS	(D)		DOOR NO.4 HARNESS	(DR4)	
REAR HARNESS	(R)		FLOOR HARNESS	(FR)	
REAR NO.2 HARNESS	(R2)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

Symbols

Symbol	Meaning
Battery 	• Generates electricity through chemical reaction. • Supplies direct current to circuits.
Ground (1) 	• Connecting point to vehicle body or other ground wire where current flows from positive to negative terminal of battery. • Ground (1) indicates a ground point to body through wire harness. • Ground (2) indicates point where component is grounded directly to body. Remarks • Current will not flow through a circuit if ground is faulty.
Ground (2) 	
Fuse (1)  (box)	• Melts when current flow exceeds that specified for circuit, interrupts current flow. Precautions • Do not replace with fuses exceeding specified capacity. <Blade type>  <Tube type> 
Fuse (2)  (Cartridge)	
Main fuse/ Fusible link 	<Cartridge type>  <Fusible link> 
Transistor (1) 	• Electrical switching component. • Turns on when voltage is applied to the base (B). 
Transistor (2) 	• Reading code. 

Symbol	Meaning
Light 	• Emits light and generates heat when current flows through filament.
Resistance 	• A resistor with a constant value. • Mainly used to protect electrical components in circuits by maintaining rated voltage.
Motor 	• Converts electrical energy into mechanical energy.
Pump 	• Pulls in and discharges gases and liquids.
Cigarette lighter 	• Electrical coil that generates heat.
Horn 	• Generates sound when current flows.
Speaker 	
Heater 	• Generates heat when current flows.
Speed sensor 	• Movement of magnet in speedometer turns contact within sensor on and off.
Ignition switch 	• 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)	• Allows or breaks current flow by opening and closing curcuits.	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)	• Current flowing through coil produces electromagnetic force causing contact to open or close. No current to coil  Current to coil  		
Relay (2)  Normally closed (NC)	• Current flowing through coil produces electromagnetic force causing contact to close. No current to coil  Current to coil  		
Sensor (variable) 	• Resistance changes with other components operation.	Diode 	• Known as a semiconductor rectifier, the diode allows current flow in one direction only. 
Sensor (thermistor) 	• Resistance changes with temperature.	Light-emitting diode (LED) 	• A diode that lights when current flows. • Unlike ordinary bulbs, the diode does not generate heat when lit. 
Capacitor 	• Component that temporarily stores electrical charge.		
Solenoid 	• Current flowing through coil generates electromagnetic force to operate plungers.	Reference diode (Zener diode) 	• 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
Extent of the change in the wiring position (1) 	• The wiring position can be exchanged freely within the connector.
Extent of the change in the wiring position (2) 	• The wiring position can be exchanged according to the following combinations only. Between A and B, Between C and D, Between E and F
Extent of the change in the wiring position (3) 	• The wiring position can be exchanged according to the following combinations only. Between A, C and E, Between B, D and F

Abbreviations used in this booklet

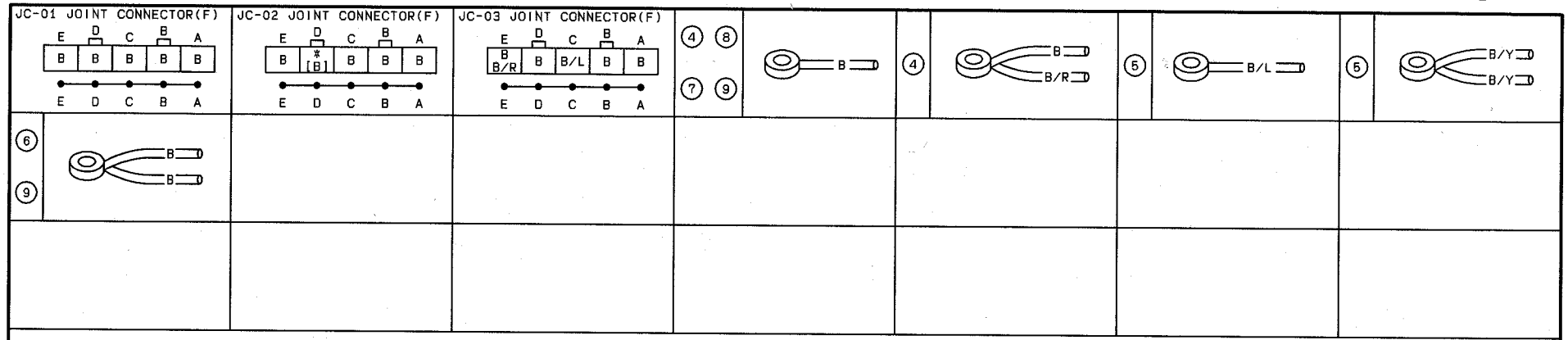
3GR	Third Gear
4GR	Fourth Gear
A	Ampere
A/C	Air Conditioning
A/F	Air Fuel
A/R	Auto Reverse
AAS	Auto Adjusting Suspension
ABS	Anti-lock Braking System
ACC	Accessories
ACV	Air Control Valve
ADD	Additional
AIR	Secondary Air Injection
AIS	Air Injection System
ALL	Automatic Load Leveling
AM	Amplitude Modulation
AMP	Amplifier
ANT	Antenna
AP	Accelerator Pedal
AS	Autoshop
ASV	Air Supply Valve
AT	Automatic Transmission
ATX	Automatic Transaxle
B+	Battery Positive Voltage
BAC	Bypass Air Control
BARO	Barometric Pressure
CAC	Charge Air Cooler
CARB	Carburetor

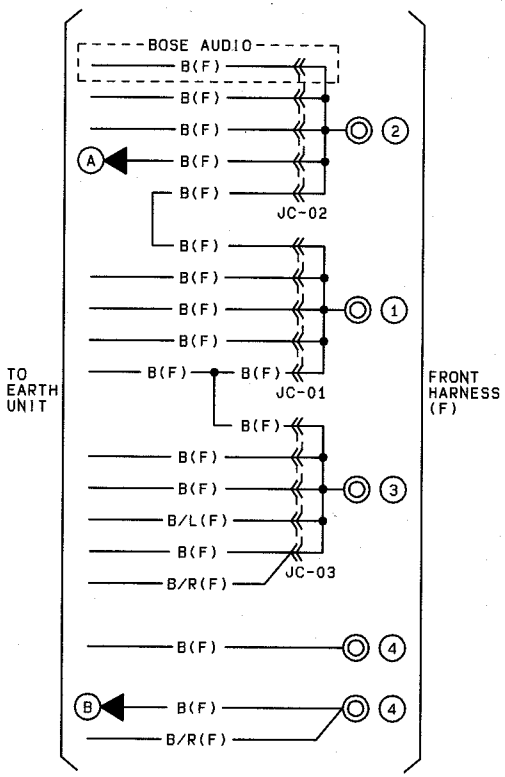
CCT	Circuit
CIGAR	Cigarette
CIS	Continuous Fuel Injection System
CKP	Crankshaft Position Sensor
CLS	Closed Loop System
CMP	Camshaft Position Sensor
COMBI	Combination
CON	Conditioner
CONT	Control
CPU	Central Processing Unit
CSD	Cold Start Device
CTP	Closed Throttle Position
DEF	Defroster
DI	Distributor 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
ETR	Electronic Tuner

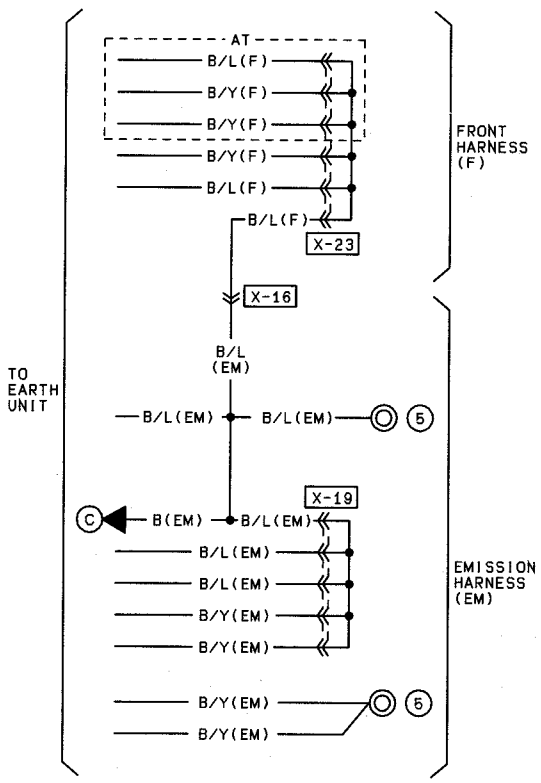
F	Front
F/I	Fuel Injector
FC	Fan Control
FICB	Fast-Idle Cam Breaker
FM	Frequency Modulation
FP	Fuel Pump
FPR	Fuel Pump Relay
GEN	Generator
GND	Ground
H/D	Heater/Defroster
HEAT	Heater
HEI	High-Energy Ignition
HI	High
HO2S	Heated Oxygen Sensor
IAC	Idle Air Control
IAT	Intake Air Temperature
ICM	Ignition Control Module
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	Multiport Fuel Injection
MID	Middle
MIL	Malfunction Indicator Lamp
MIN	Minute
MIX	Mixture
MPX	Multiplex
MT	Manual Transmission
MTR	Mechanical Tuning Radio
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

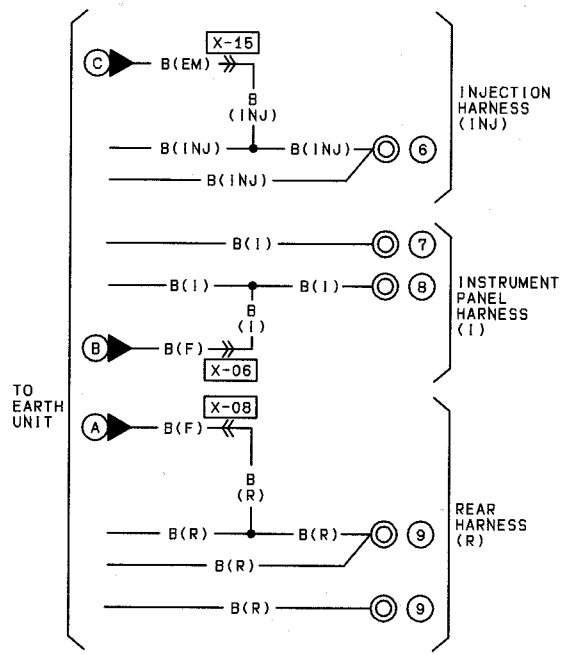
ON	Switch On
P	Power
P/S	Power Steering
PAIR	Pulsed Secondary Air Injection
PCM	Powertrain Control Module
PNP	Park/Neutral Position
PRCV	Pressure Regulator Control Solenoid Valve
PRG	Purge Solenoid Valve
PSP	Power Steering Pressure
PTC	Positive Temperature Coefficient Heater
QSS	Quick-Start System
R	Rear
REC	Recirculation
RF	Right Front
RH	Right Hand
RPM	Engine Speed
RR	Right Rear
SAS	Sophisticated Air Bag Sensor
SFI	Sequential Multipoint Fuel Injection
SOL	Solenoid
SPV	Spill Valve
ST	Start
SW	Switch
TC	Turbocharger
TCM	Transmission(Transaxle)Control Module
TCS	Tranction control system
TCV	Twin Scroll Turbocharger Solenoid Valve
TEMP	Temperature
TFT	Transaxle Fluid Temperature
TNS	Tail Number Side Lights
TICS	Triple Induction Control System
TP	Throttle Position Sensor
TR	Transmission Range
TR	Transmission(Transaxle)Range
TWS	Total Wiring System
V	Volt
VAF	Volume Air Flow Sensor
VENT	Ventilation
VOL	Volume
VR	Voltage Regulator
VRIS	Variable Resonance Induction System
VSS	Vehicle Speed Sensor
W	Watt(s)
WOT	Wide Open Throttle

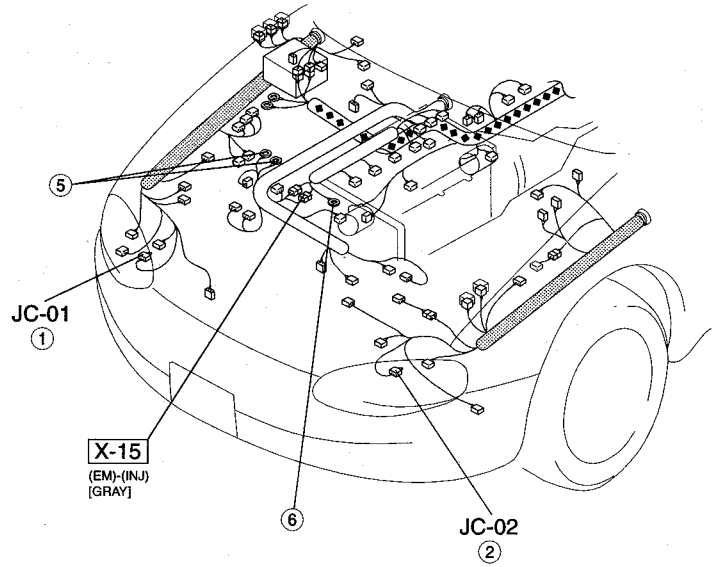
GROUND POINTS

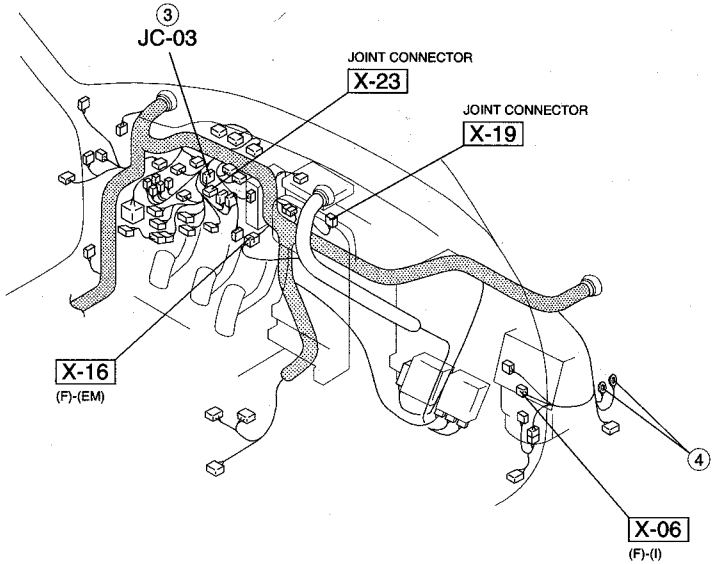


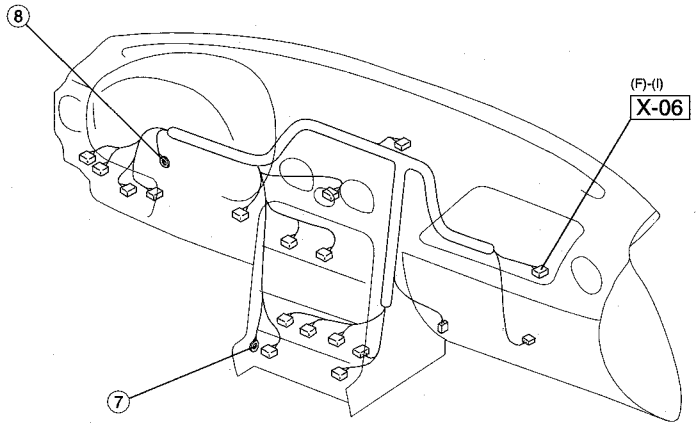


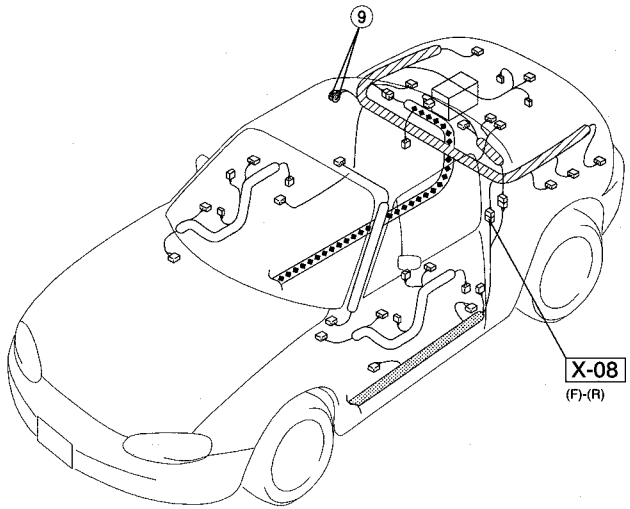




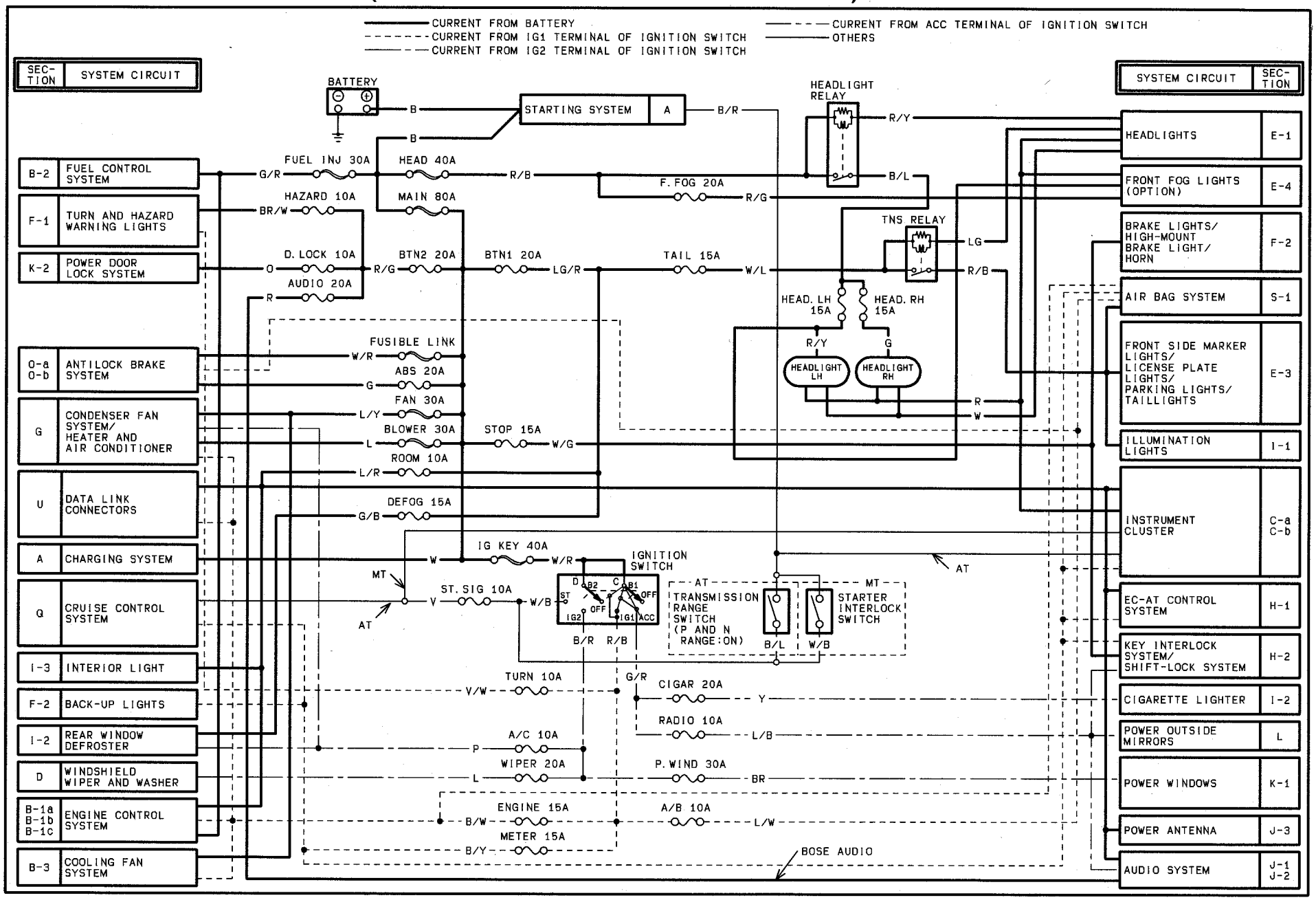

5
JC-01
1
X-15
(EM)-(INJ)
[GRAY]
6
JC-02
2


3
JC-03
JOINT CONNECTOR
X-23
JOINT CONNECTOR
X-19
X-16
(F)-(EM)
4
X-06
(F)-(I)

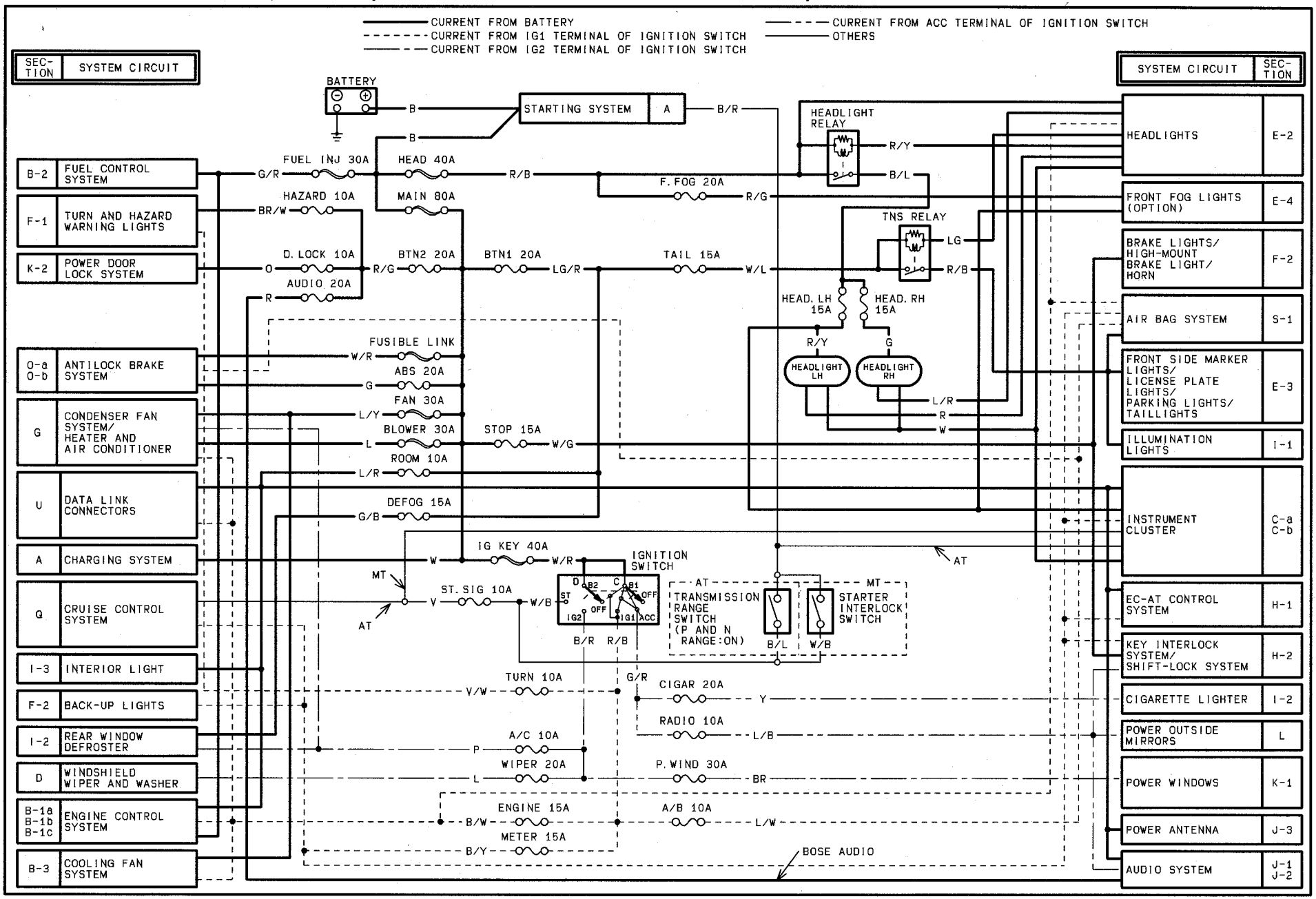

8
(F)-(I)
X-06
7


9
X-08
(F)-(R)

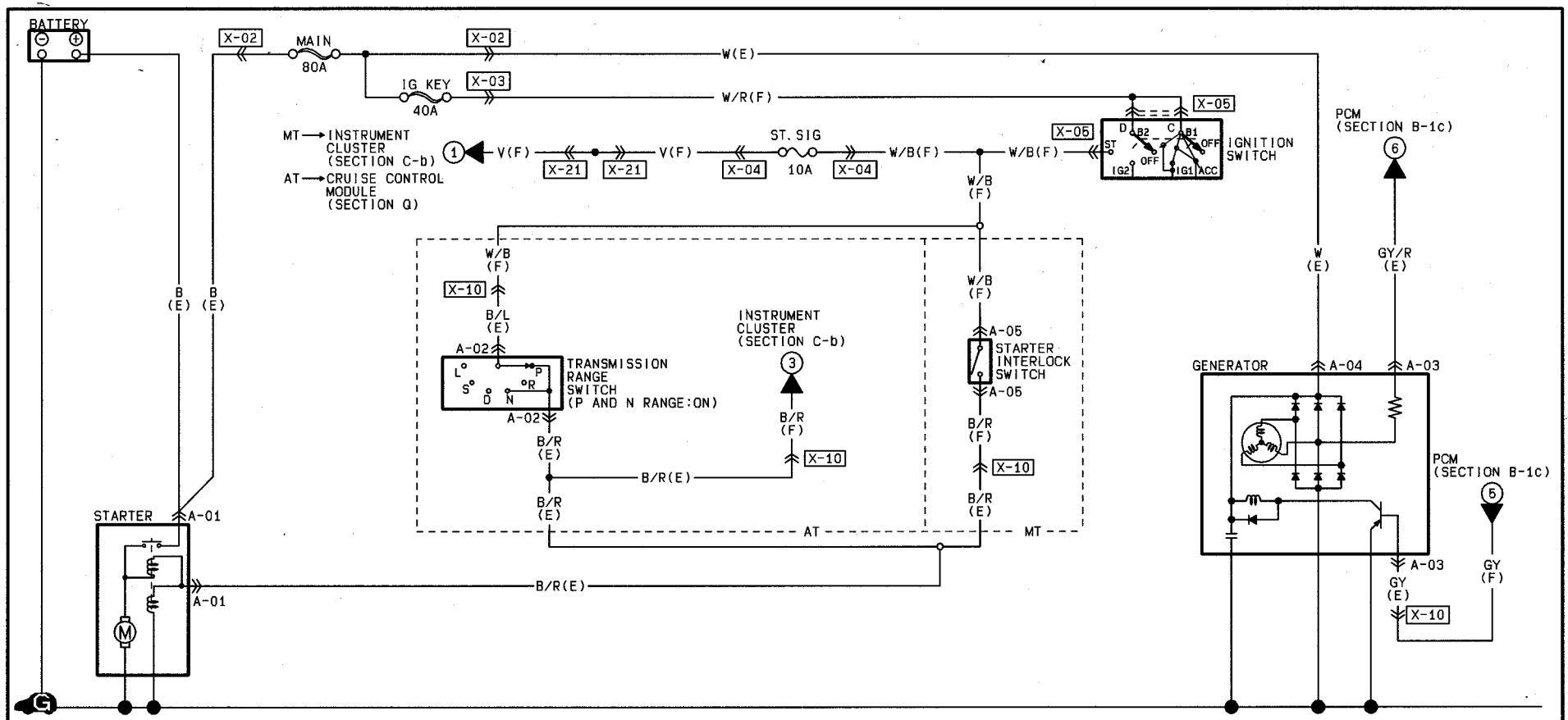
ELECTRICAL WIRING SCHEMATIC (WITHOUT DAYTIME RUNNING LIGHT SYSTEM)



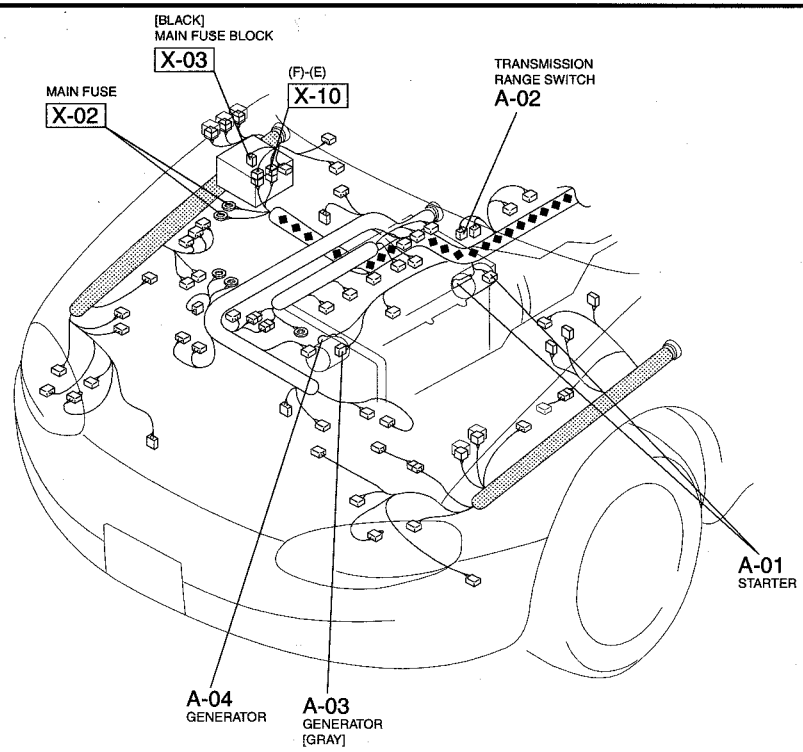
ELECTRICAL WIRING SCHEMATIC (WITH DAYTIME RUNNING LIGHT SYSTEM)

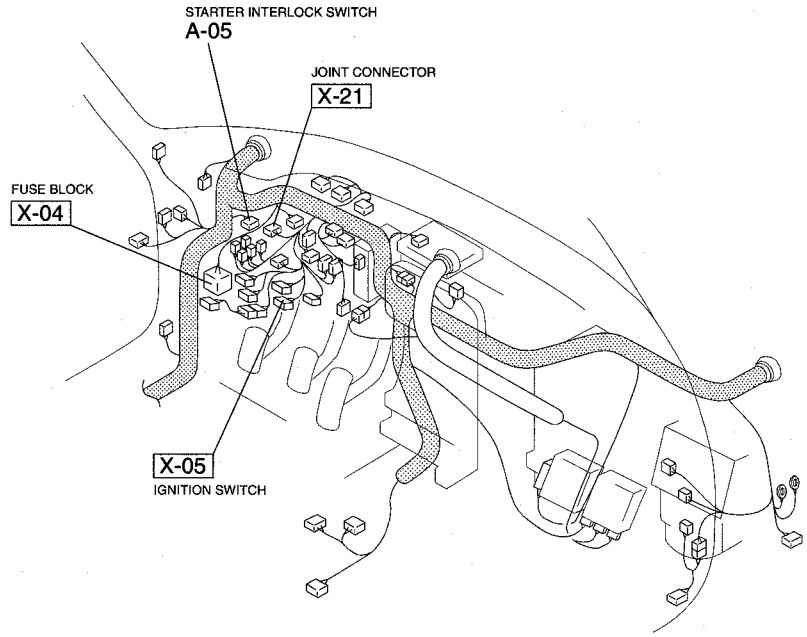


CHARGING SYSTEM/STARTING SYSTEM

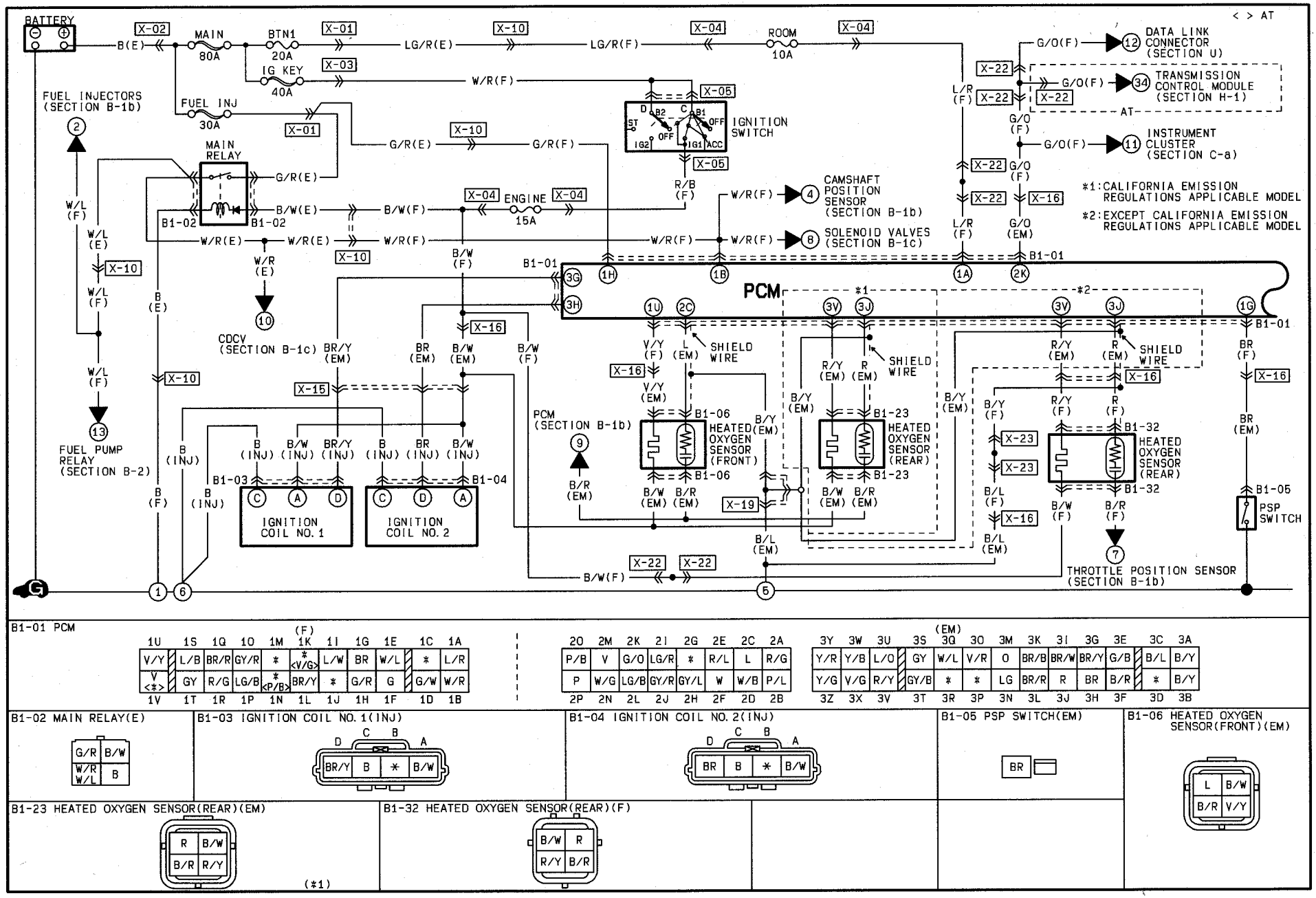


A-01 STARTER(E)	A-02 TRANSMISSION RANGE SWITCH(E)		A-03 GENERATOR(E)	A-04 GENERATOR(E)	A-05 STARTER INTERLOCK SWITCH(F)
B B B/R	B/Y BR/B Y/B / LG P/L R/Y (J) — B/L B/R / * LG (B) (AT)		GY/R GY	W	* B/R W/B (MT)


[BLACK]
MAIN FUSE BLOCK
X-03
(F)-(E)
X-10
MAIN FUSE
X-02
TRANSMISSION
RANGE SWITCH
A-02
A-01
STARTER
A-04
GENERATOR
A-03
GENERATOR
[GRAY]


STARTER INTERLOCK SWITCH
A-05
JOINT CONNECTOR
X-21
FUSE BLOCK
X-04
X-05
IGNITION SWITCH

ENGINE CONTROL SYSTEM



B1-01 PCM

(F)

1U	1S	1Q	1O	1M	1K	1I	1G	1E	1C	1A
V/Y	L/B	BR/R	GY/R	*	* <V/G>	L/W	BR	W/L	*	L/R
V <*>	GY	R/G	LG/B	* <P/B>	BR/Y	*	G/R	G	G/W	W/R
1V	1T	1R	1P	1N	1L	1J	1H	1F	1D	1B

2O	2M	2K	2I	2G	2E	2C	2A
P/B	V	G/O	LG/R	*	R/L	L	R/G
P	W/G	LG/B	GY/R	GY/L	W	W/B	P/L
2P	2N	2L	2J	2H	2F	2D	2B

(EM)

3Y	3W	3U	3S	3Q	3O	3M	3K	3I	3G	3E	3C	3A
Y/R	Y/B	L/O	GY	W/L	V/R	O	BR/B	BR/W	BR/Y	G/B	B/L	B/Y
Y/G	V/G	R/Y	GY/B	*	*	LG	BR/R	R	BR	B/R	*	B/Y
3Z	3X	3V	3T	3R	3P	3N	3L	3J	3H	3F	3D	3B

B1-02 MAIN RELAY(E)

B1-03 IGNITION COIL NO. 1(INJ)

B1-04 IGNITION COIL NO. 2(INJ)

B1-05 PSP SWITCH(EM)

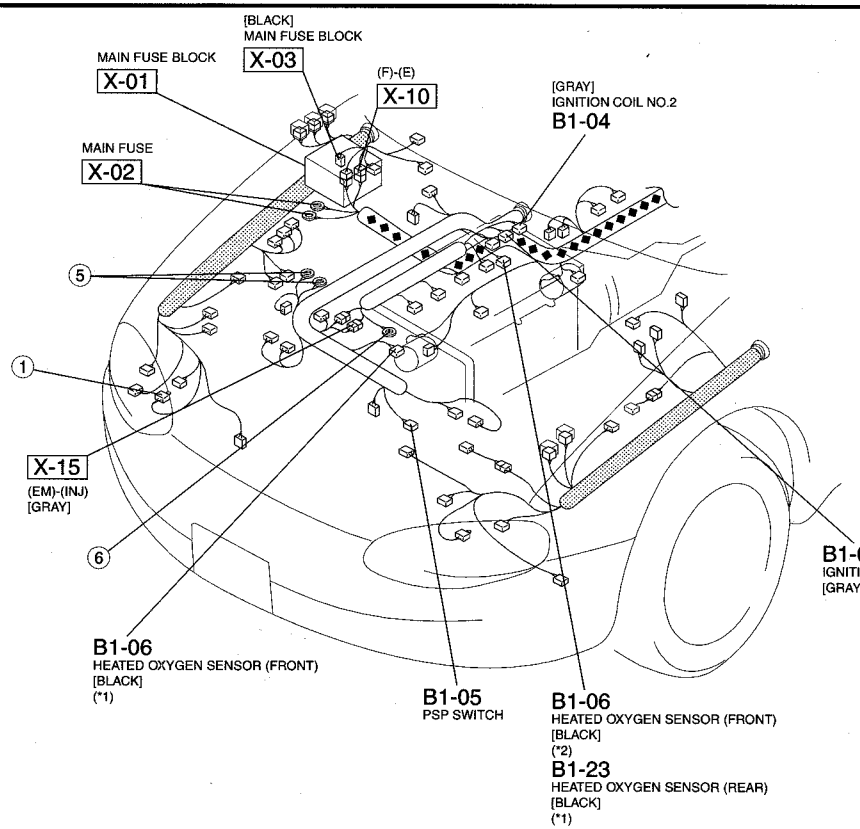
B1-06 HEATED OXYGEN SENSOR(FRONT)(EM)

B1-23 HEATED OXYGEN SENSOR(REAR)(EM)

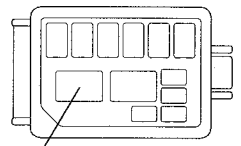
(*1)

B1-32 HEATED OXYGEN SENSOR(REAR)(F)

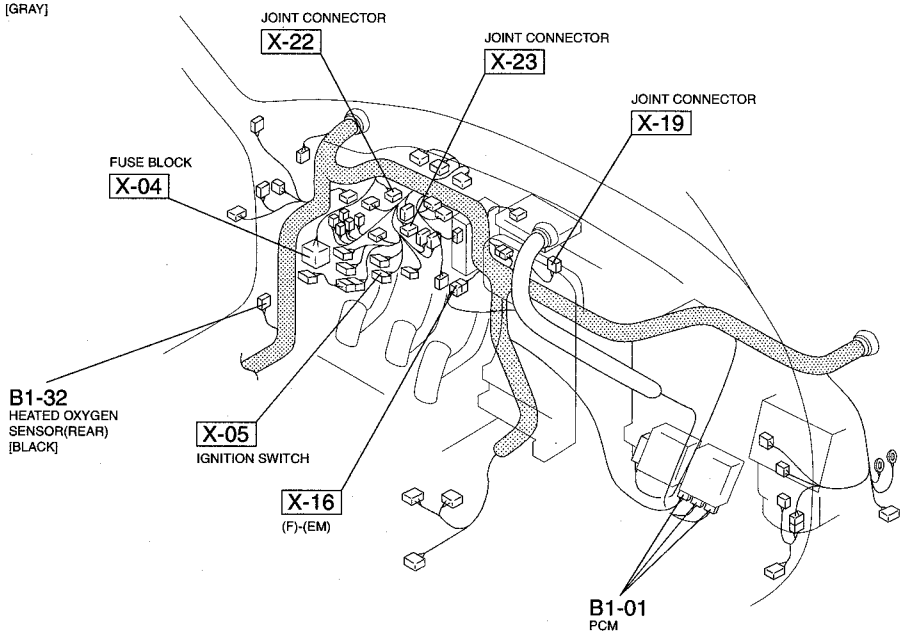
HARNESS SYMBOL : (F) (E) (R)



MAIN FUSE BLOCK

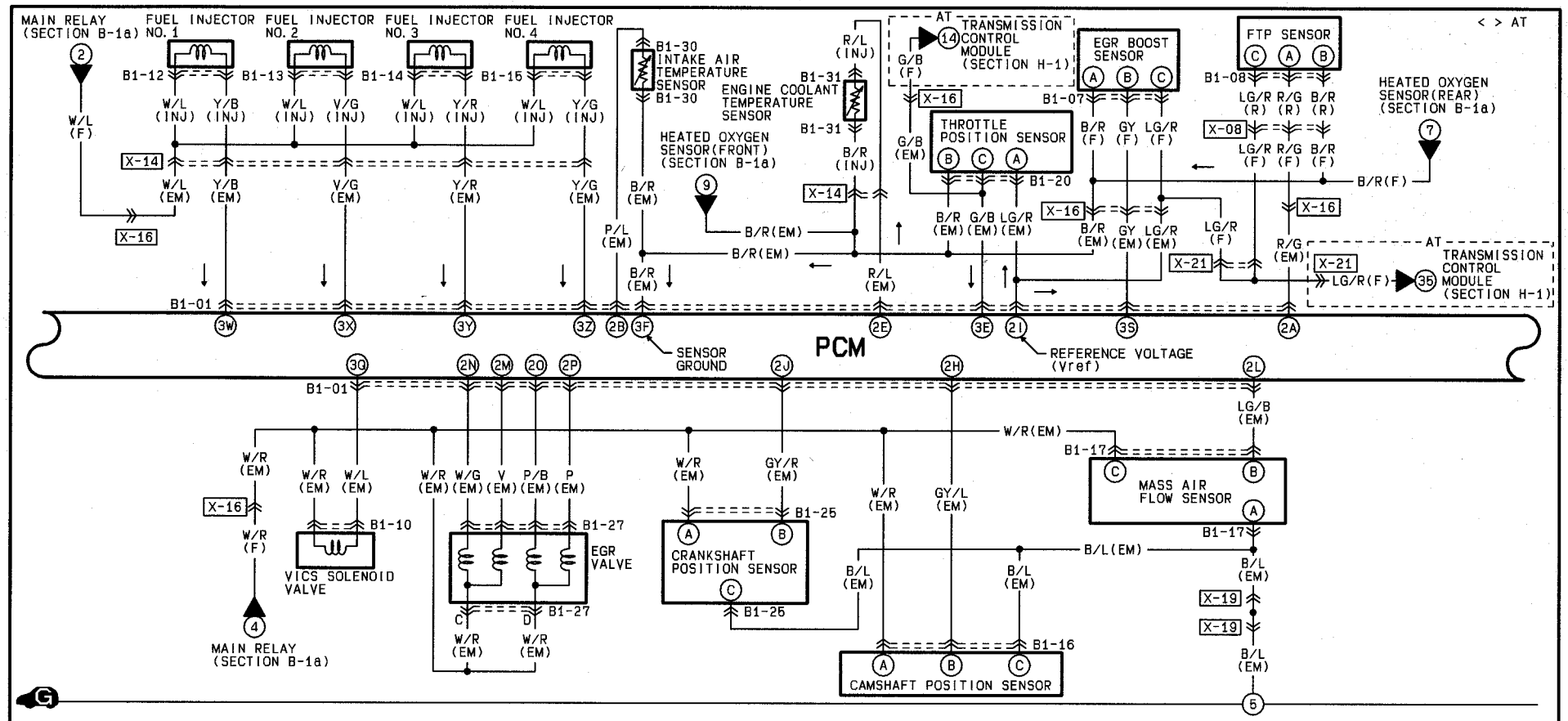


B1-02
MAIN RELAY



*1:CALIFORNIA EMISSION REGULATIONS APPLICABLE MODEL

*2:EXCEPT CALIFORNIA EMISSION REGULATIONS APPLICABLE MODEL

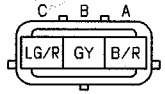


B1-01 PCM(EM)

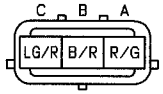
2O	2M	2K	2I	2G	2E	2C	2A
P/B	V	G/O	LG/R	*	R/L	L	R/G
P	W/G	LG/B	GY/R	GY/L	W	W/B	P/L
2P	2N	2L	2J	2H	2F	2D	2B

3Y	3W	3U	3S	3Q	3O	3M	3K	3I	3G	3E	3C	3A
Y/R	Y/B	L/O	GY	W/L	V/R	O	BR/B	BR/W	BR/Y	G/B	B/L	B/Y
Y/G	V/G	R/Y	GY/B	*	*	LG	BR/R	R	BR	B/R	*	B/Y
3Z	3X	3V	3T	3R	3P	3N	3L	3J	3H	3F	3D	3B

B1-07 EGR BOOST SENSOR (F)



B1-08 FTP SENSOR(R)



B1-10 VICS SOLENOID VALVE(EM)

B1-12 FUEL INJECTOR NO. 1(INJ)

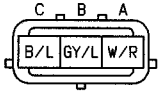
B1-13 FUEL INJECTOR NO. 2(INJ)

B1-14 FUEL INJECTOR NO. 3(INJ)

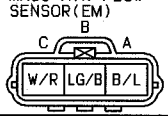
B1-15 FUEL INJECTOR NO. 4(INJ)

B1-31 ENGINE COOLANT TEMPERATURE SENSOR (INJ)

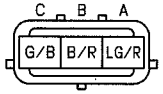
B1-16 CAMSHAFT POSITION SENSOR(EM)



B1-17 MASS AIR FLOW SENSOR(EM)

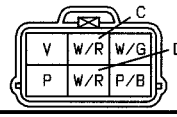


B1-20 THROTTLE POSITION SENSOR(EM)

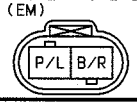


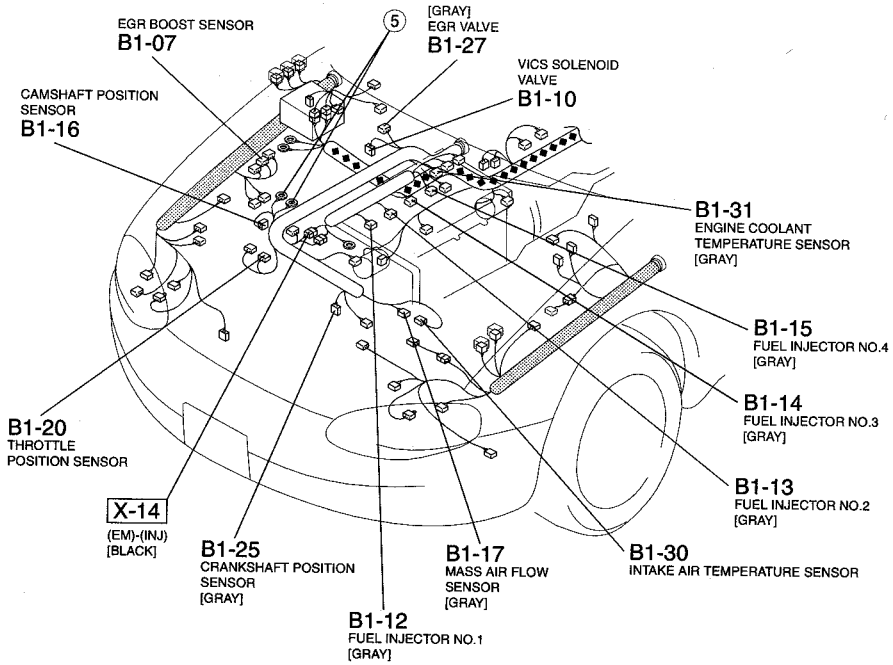
B1-25 CRANKSHAFT POSITION SENSOR(EM)

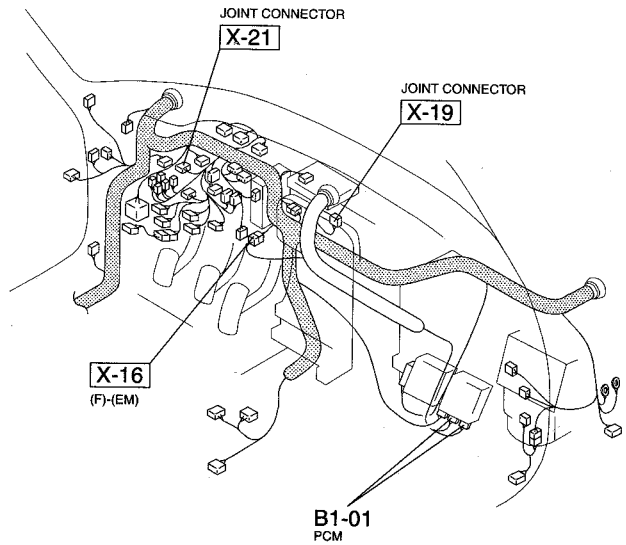
B1-27 EGR VALVE(EM)

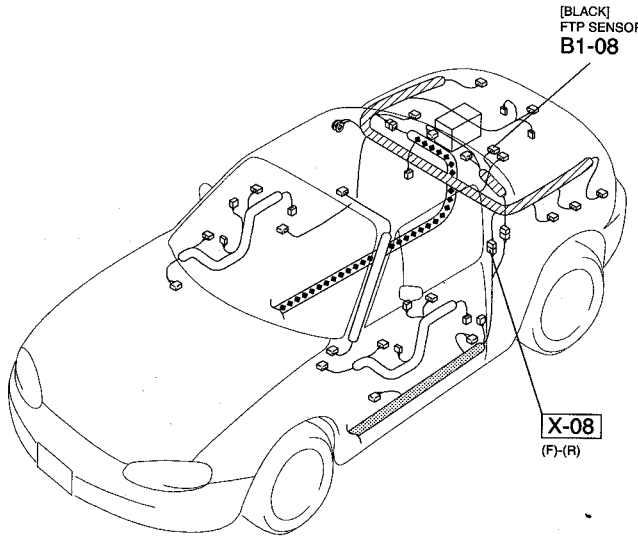


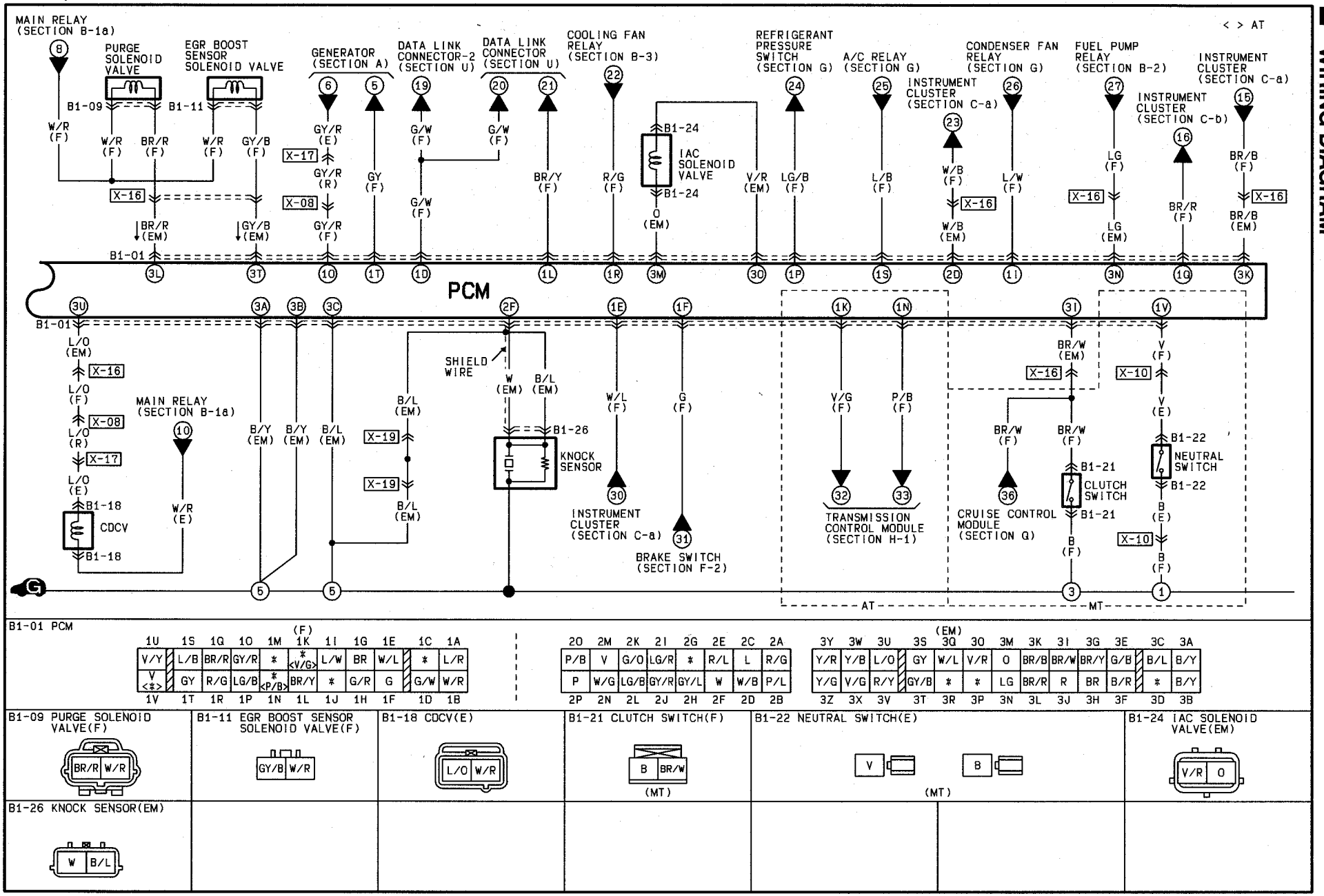
B1-30 INTAKE AIR TEMPERATURE SENSOR (EM)




EGR BOOST SENSOR
B1-07
5
[GRAY]
EGR VALVE
B1-27
VICS SOLENOID
VALVE
B1-10
CAMSHAFT POSITION
SENSOR
B1-16
B1-31
ENGINE COOLANT
TEMPERATURE SENSOR
[GRAY]
B1-15
FUEL INJECTOR NO.4
[GRAY]
B1-14
FUEL INJECTOR NO.3
[GRAY]
B1-20
THROTTLE
POSITION SENSOR
B1-13
FUEL INJECTOR NO.2
[GRAY]
X-14
(EM)-(INJ)
[BLACK]
B1-25
CRANKSHAFT POSITION
SENSOR
[GRAY]
B1-17
MASS AIR FLOW
SENSOR
[GRAY]
B1-30
INTAKE AIR TEMPERATURE SENSOR
B1-12
FUEL INJECTOR NO.1
[GRAY]


JOINT CONNECTOR
X-21
JOINT CONNECTOR
X-19
X-16
(F)-(EM)
B1-01
PCM


[BLACK]
FTP SENSOR
B1-08
X-08
(F)-(R)



B1-01 PCM

	1U	1S	1Q	1O	1M	1K (F)	1I	1G	1E	1C	1A
	V/Y	L/B	BR/R	GY/R	*	* <V/G>	L/W	BR	W/L	*	L/R
	V <*>	GY	R/G	LG/B	* <P/B>	BR/Y	*	G/R	G	G/W	W/R
	1V	1T	1R	1P	1N	1L	1J	1H	1F	1D	1B

	2O	2M	2K	2I	2G	2E	2C	2A
	P/B	V	G/O	LG/R	*	R/L	L	R/G
	P	W/G	LG/B	GY/R	GY/L	W	W/B	P/L
	2P	2N	2L	2J	2H	2F	2D	2B

	3Y	3W	3U	3S (EM)	3Q	3O	3M	3K	3I	3G	3E	3C	3A
	Y/R	Y/B	L/O	GY	W/L	V/R	O	BR/B	BR/W	BR/Y	G/B	B/L	B/Y
	Y/G	V/G	R/Y	GY/B	*	*	LG	BR/R	R	BR	B/R	*	B/Y
	3Z	3X	3V	3T	3R	3P	3N	3L	3J	3H	3F	3D	3B

B1-09 PURGE SOLENOID VALVE(F)

B1-11 EGR BOOST SENSOR SOLENOID VALVE(F)

B1-18 CDCV(E)

B1-21 CLUTCH SWITCH(F)

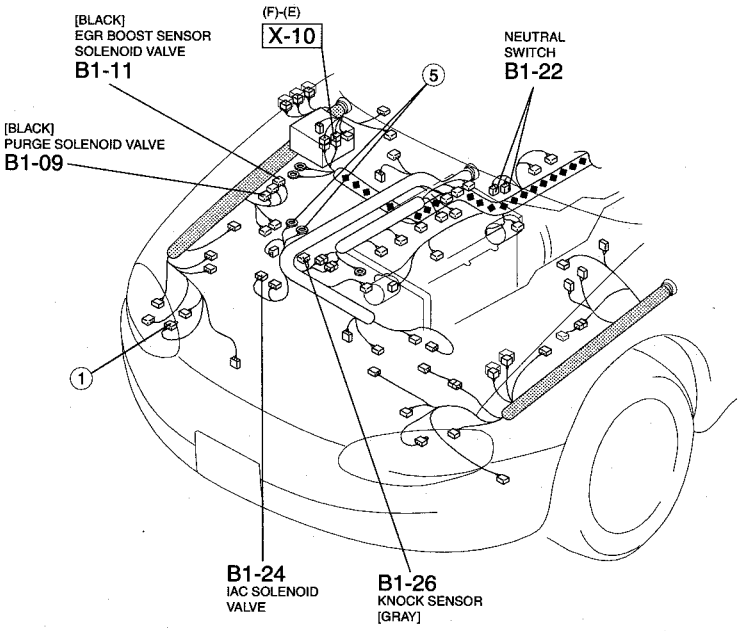
(MT)

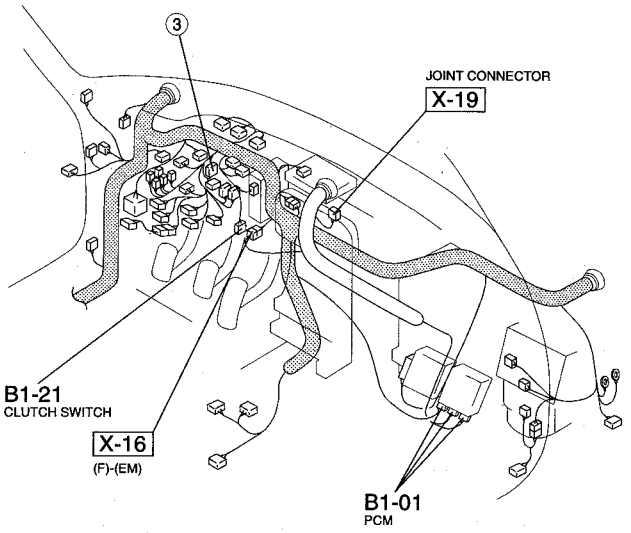
B1-22 NEUTRAL SWITCH(E)

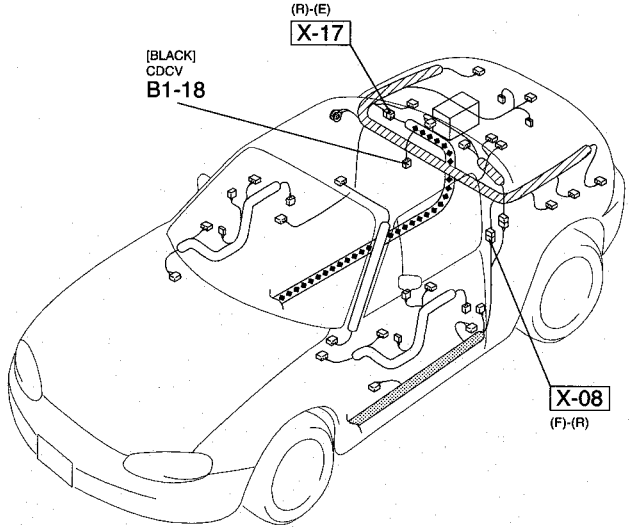
(MT)

B1-24 IAC SOLENOID VALVE(EM)

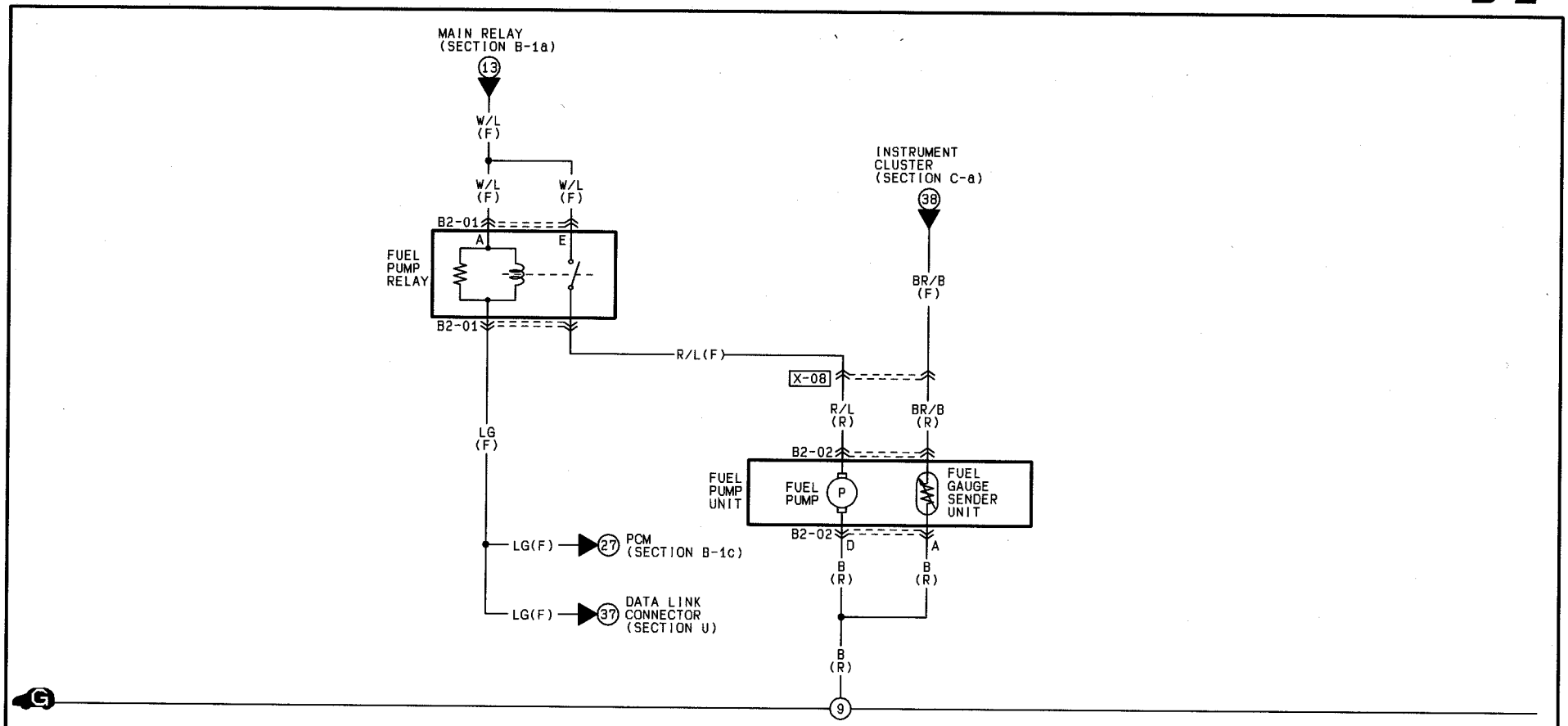
B1-26 KNOCK SENSOR(EM)


[BLACK]
EGR BOOST SENSOR
SOLENOID VALVE
B1-11
(F)-(E)
X-10
NEUTRAL
SWITCH
B1-22
[BLACK]
PURGE SOLENOID VALVE
B1-09
5
1
B1-24
IAC SOLENOID
VALVE
B1-26
KNOCK SENSOR
[GRAY]

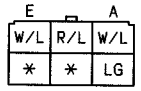

3
JOINT CONNECTOR
X-19
B1-21
CLUTCH SWITCH
X-16
(F)-(EM)
B1-01
PCM


(R)-(E)
X-17
[BLACK]
CDCV
B1-18
X-08
(F)-(R)

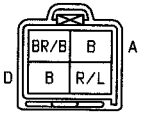
FUEL CONTROL SYSTEM

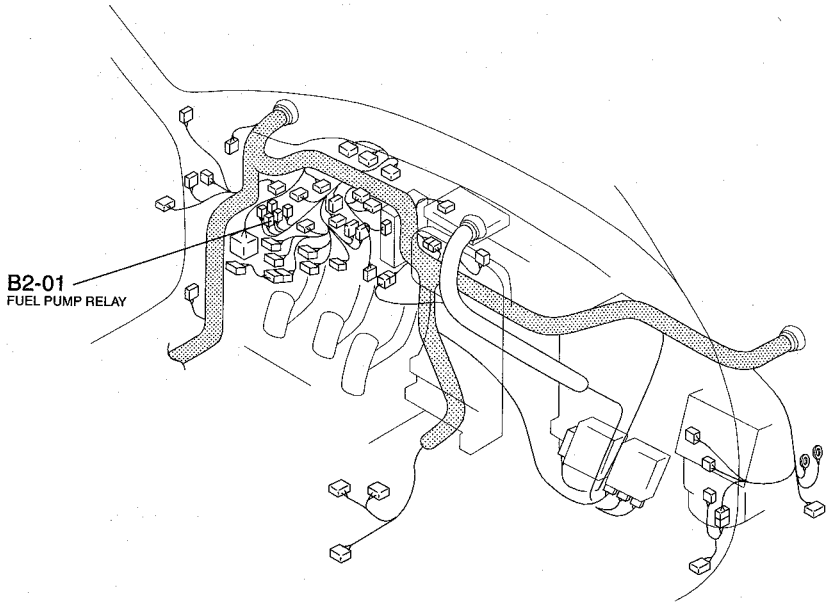


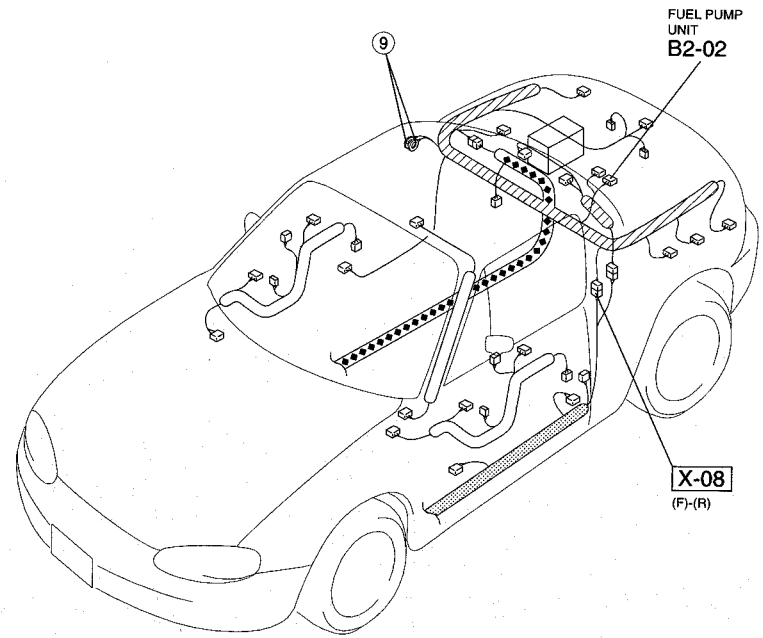
B2-01 FUEL PUMP RELAY(F)



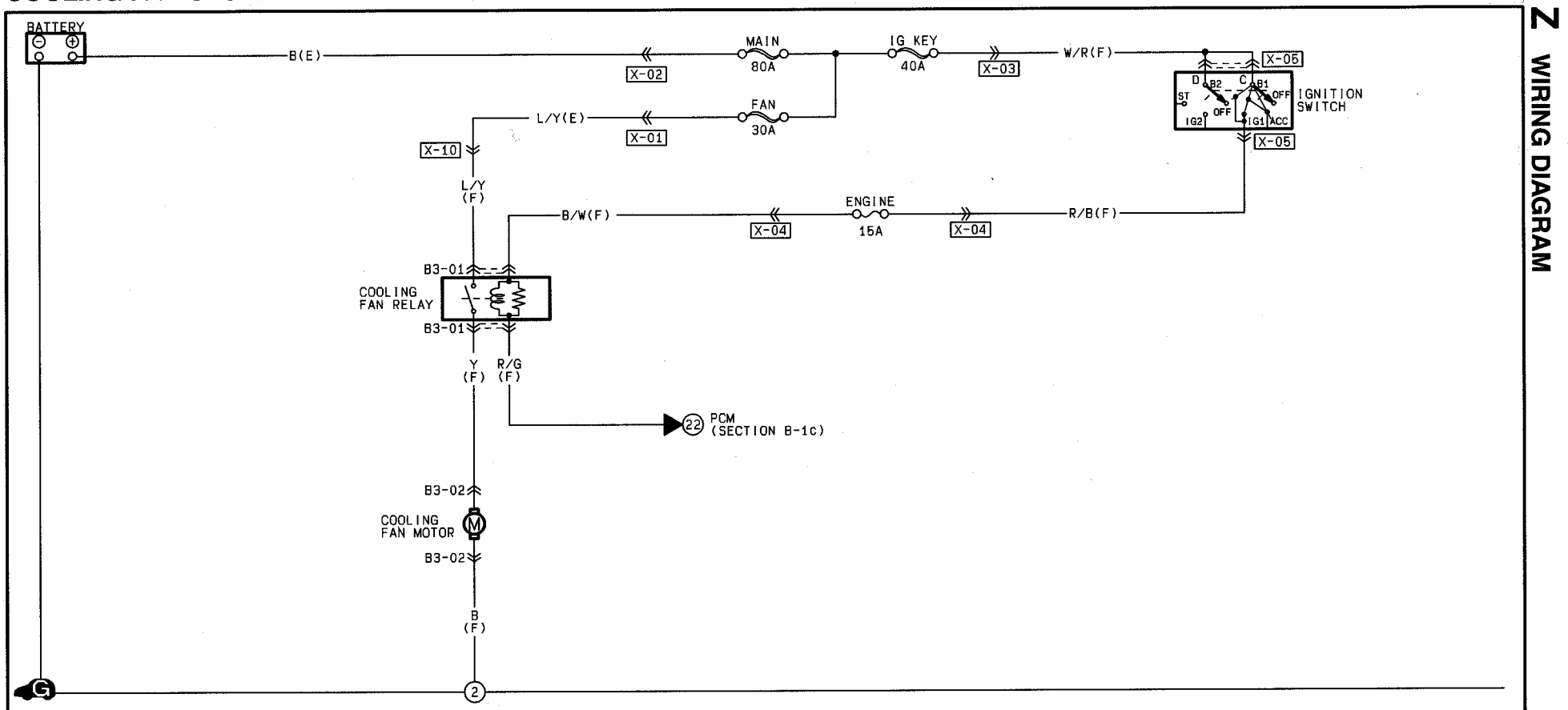
B2-02 FUEL PUMP UNIT(R)

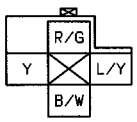
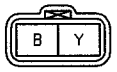


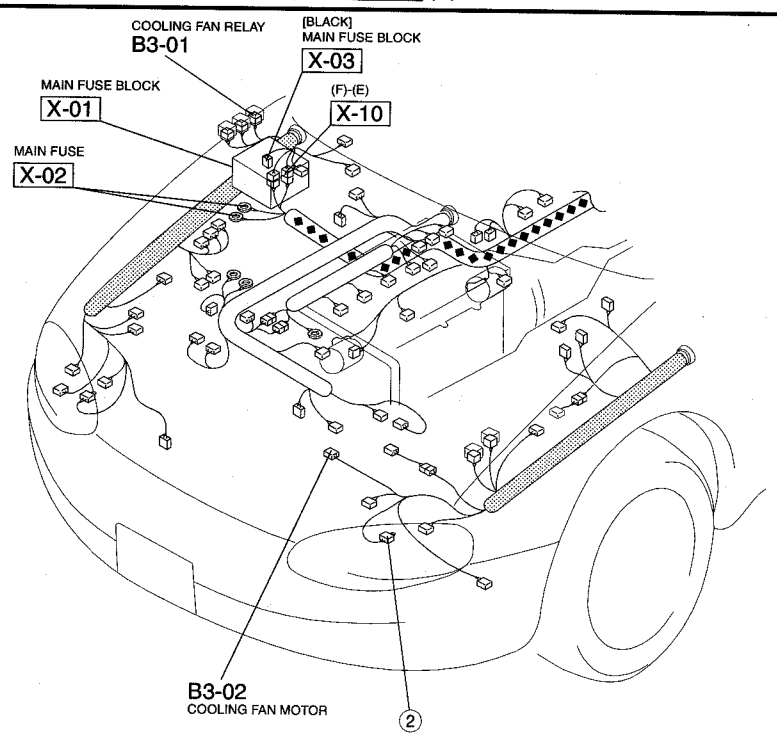

B2-01
FUEL PUMP RELAY

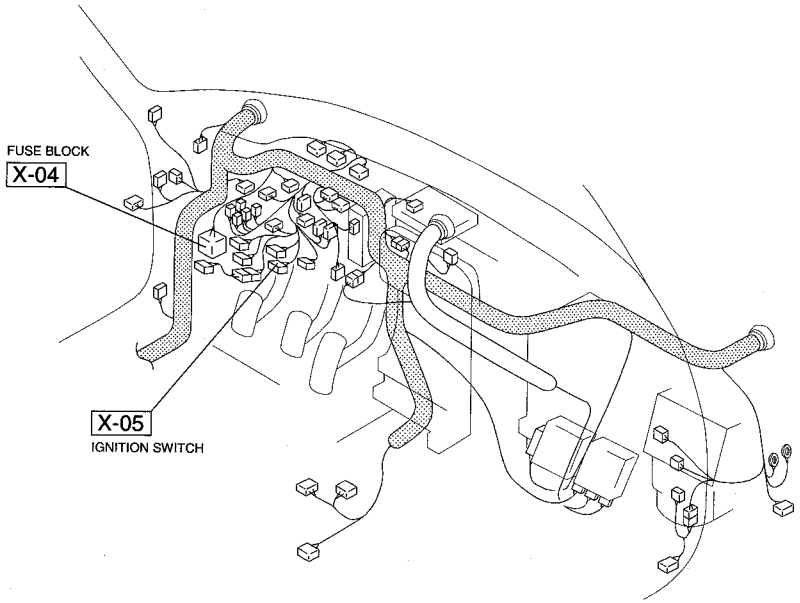

9
FUEL PUMP
UNIT
B2-02
X-08
(F)-(R)

COOLING FAN SYSTEM

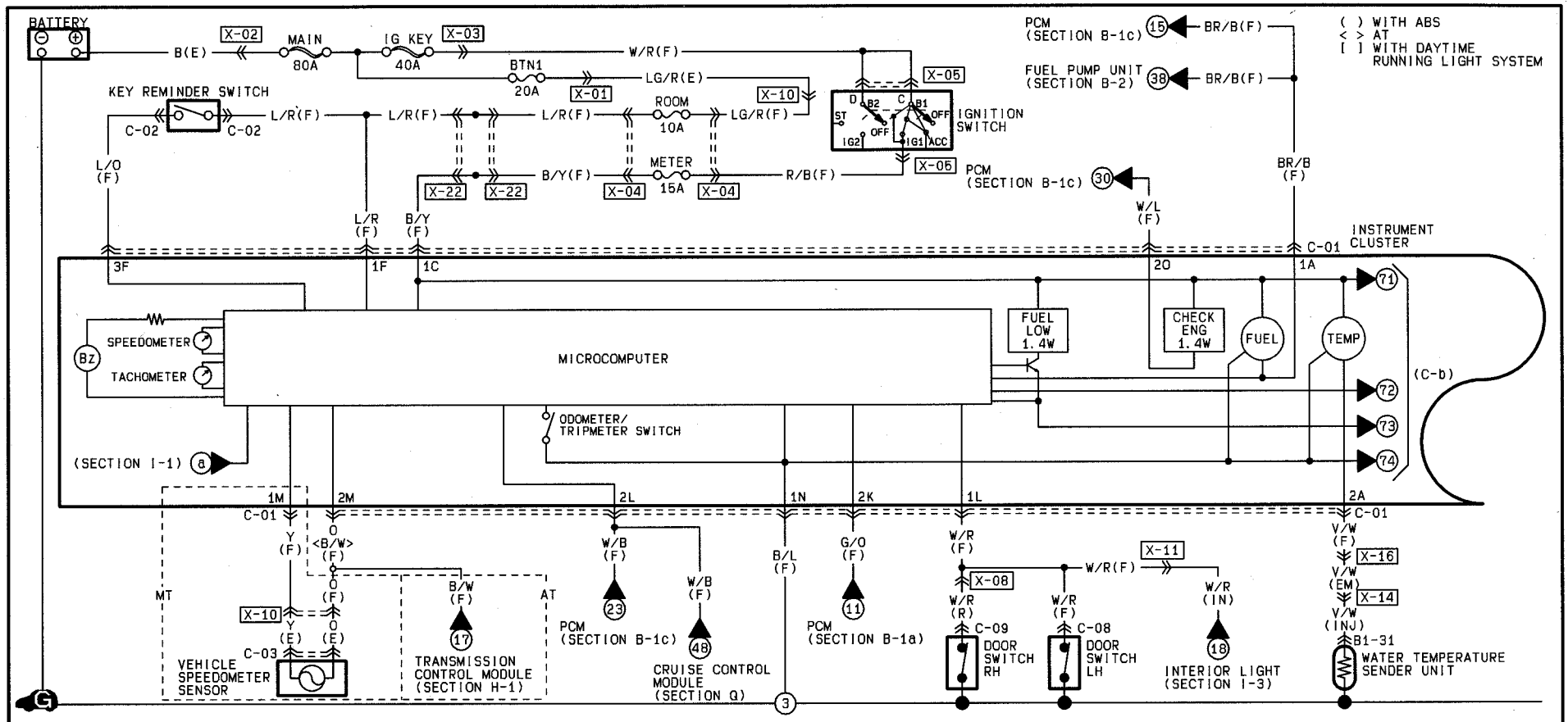


B3-01 COOLING FAN RELAY (F)	B3-02 COOLING FAN MOTOR (F)					
						

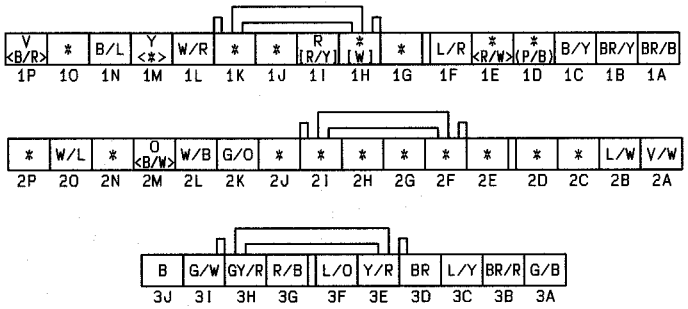

COOLING FAN RELAY
B3-01
[BLACK]
MAIN FUSE BLOCK
X-03
MAIN FUSE BLOCK
X-01
(F)-(E)
X-10
MAIN FUSE
X-02
B3-02
COOLING FAN MOTOR
2


FUSE BLOCK
X-04
X-05
IGNITION SWITCH

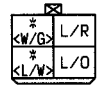
INSTRUMENT CLUSTER



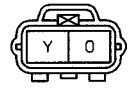
C-01 INSTRUMENT CLUSTER(F)



C-02 KEY REMINDER SWITCH (F)



C-03 VEHICLE SPEEDOMETER SENSOR(E)

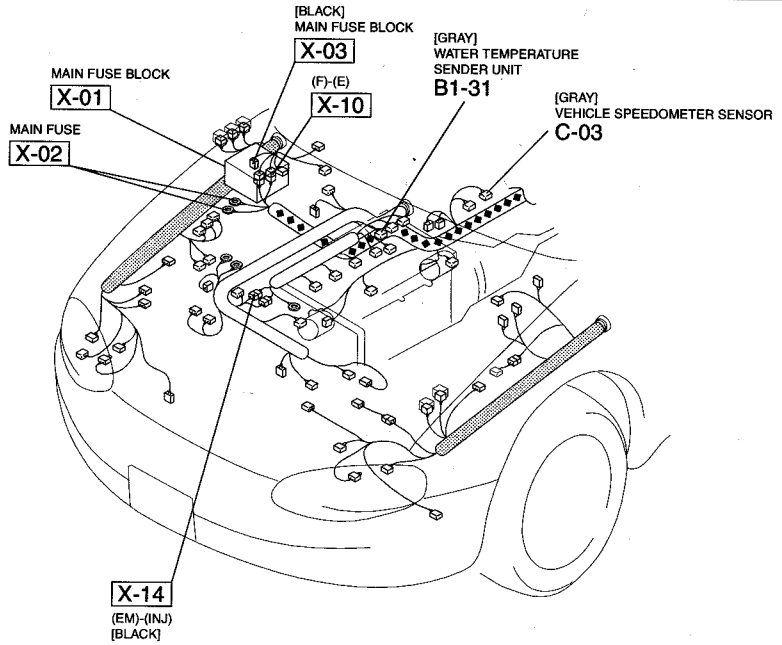


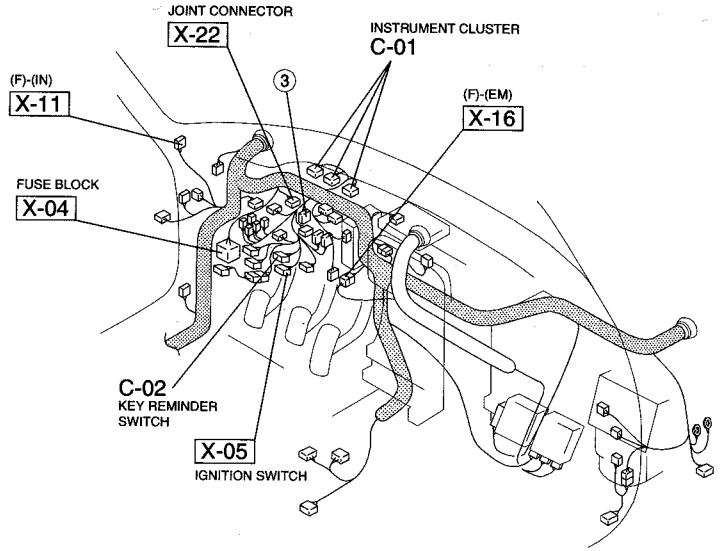
(MT)

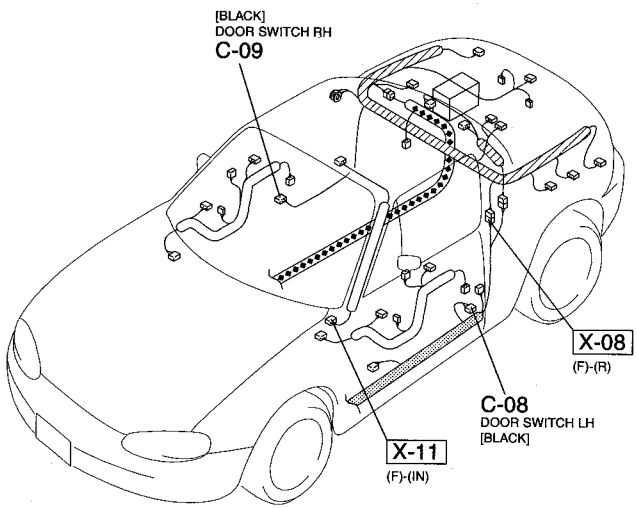
C-08 DOOR SWITCH LH(F)

C-09 DOOR SWITCH RH(R)

B1-31 WATER TEMPERATURE SENDER UNIT(INJ)

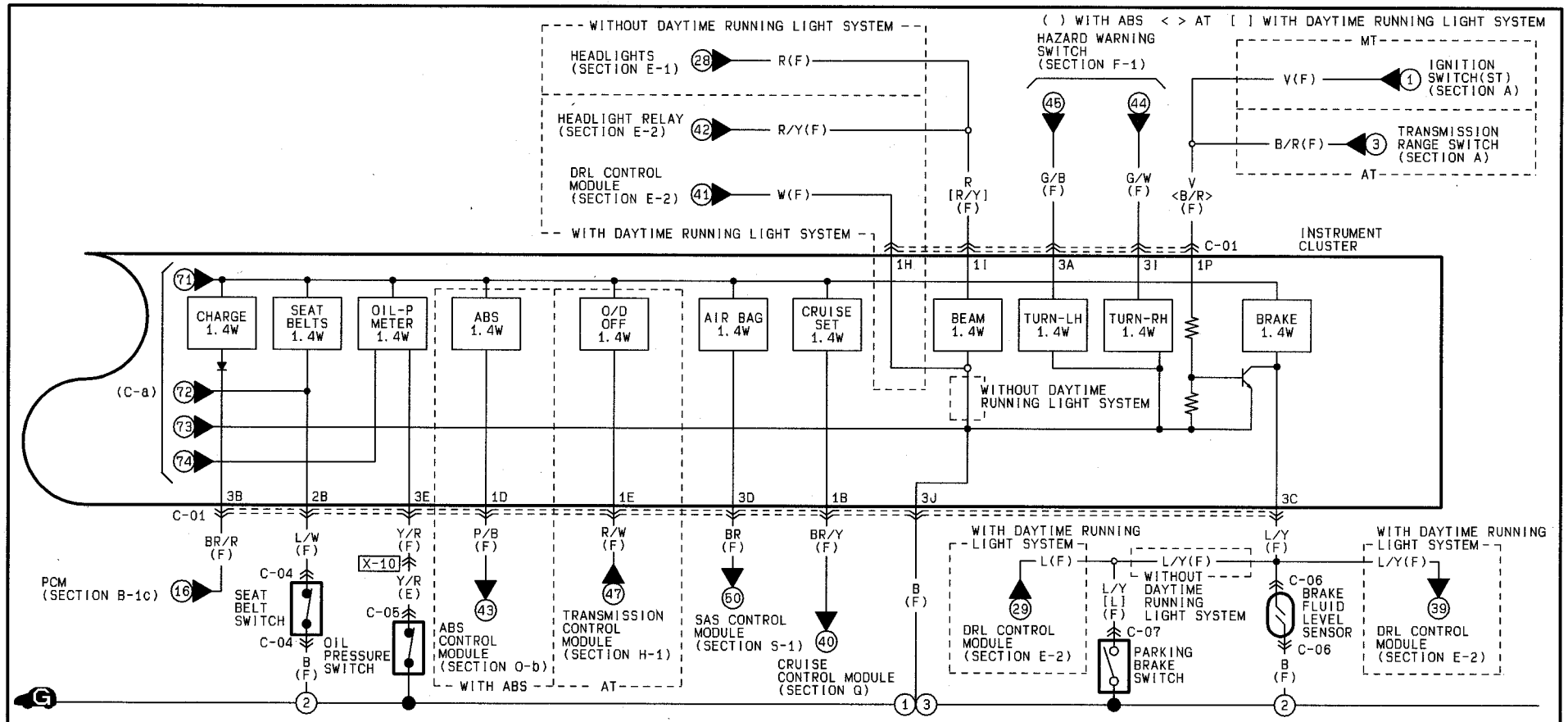

[BLACK]
MAIN FUSE BLOCK
X-03
[GRAY]
WATER TEMPERATURE
SENDER UNIT
B1-31
MAIN FUSE BLOCK
X-01
(F)-(E)
X-10
[GRAY]
VEHICLE SPEEDOMETER SENSOR
C-03
MAIN FUSE
X-02
X-14
(EM)-(INJ)
[BLACK]


JOINT CONNECTOR
X-22
INSTRUMENT CLUSTER
C-01
(F)-(IN)
X-11
3
(F)-(EM)
X-16
FUSE BLOCK
X-04
C-02
KEY REMINDER
SWITCH
X-05
IGNITION SWITCH

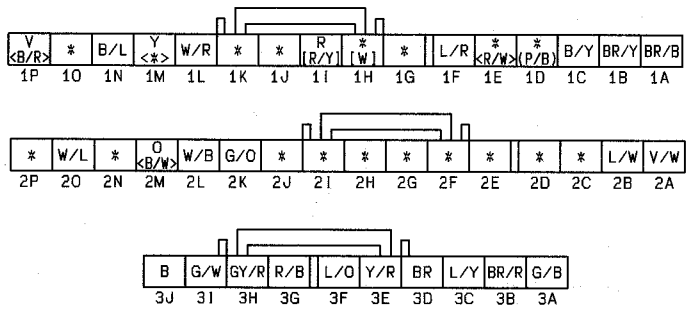

[BLACK]
DOOR SWITCH RH
C-09
X-08
(F)-(R)
C-08
DOOR SWITCH LH
[BLACK]
X-11
(F)-(IN)

C-a

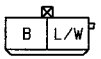
INSTRUMENT CLUSTER



C-01 INSTRUMENT CLUSTER(F)

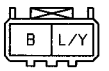


C-04 SEAT BELT SWITCH(F)

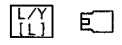


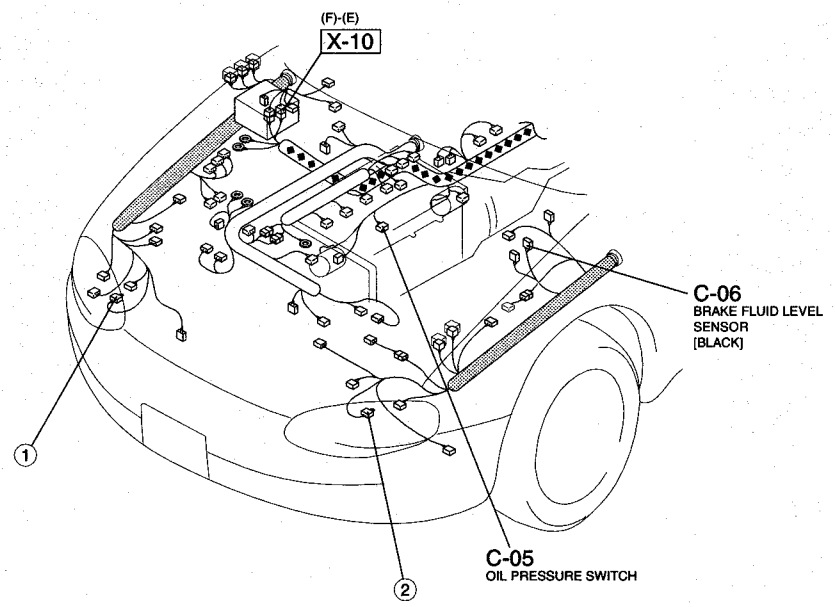
C-05 OIL PRESSURE SWITCH (E)

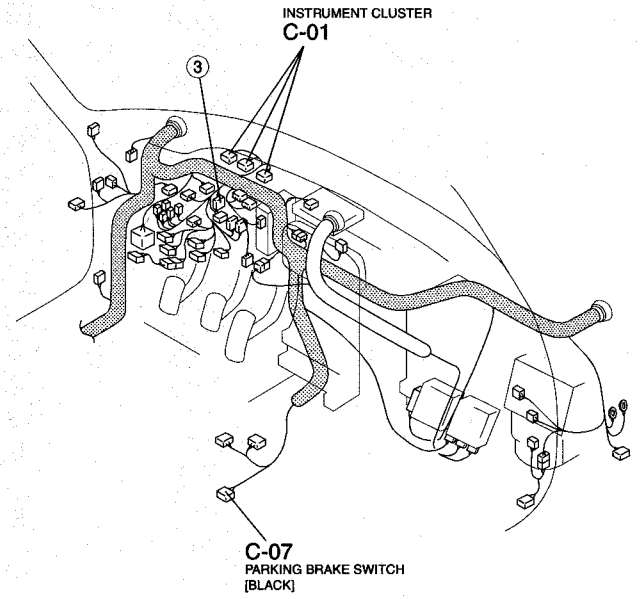
C-06 BRAKE FLUID LEVEL SENSOR(F)

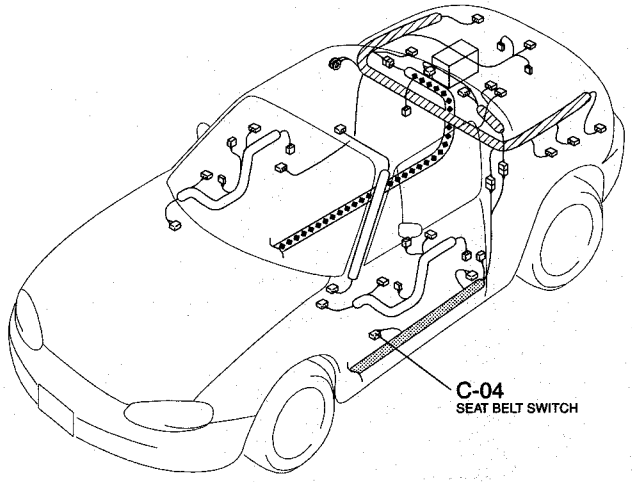


C-07 PARKING BRAKE SWITCH(F)




(F)-(E)
X-10
C-06
BRAKE FLUID LEVEL SENSOR [BLACK]
C-05
OIL PRESSURE SWITCH
1
2

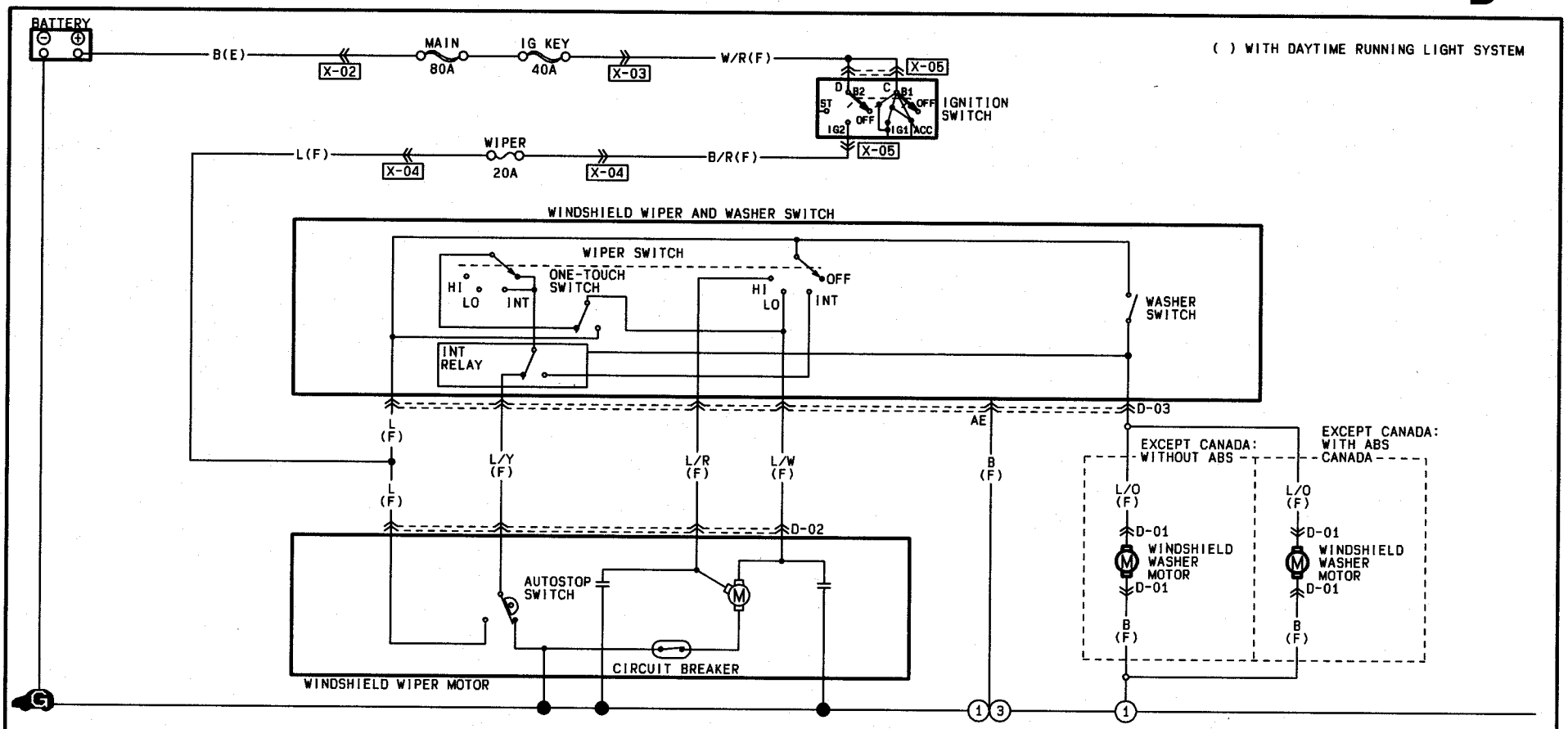

INSTRUMENT CLUSTER
C-01
3
C-07
PARKING BRAKE SWITCH [BLACK]


C-04
SEAT BELT SWITCH

C-b

WINDSHIELD WIPER AND WASHER

D



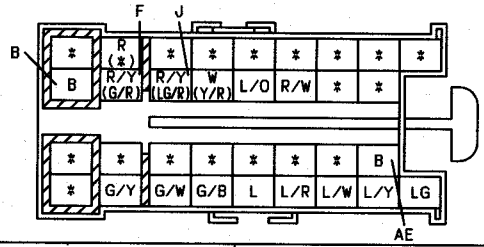
D-01 WINDSHIELD WASHER MOTOR(F)

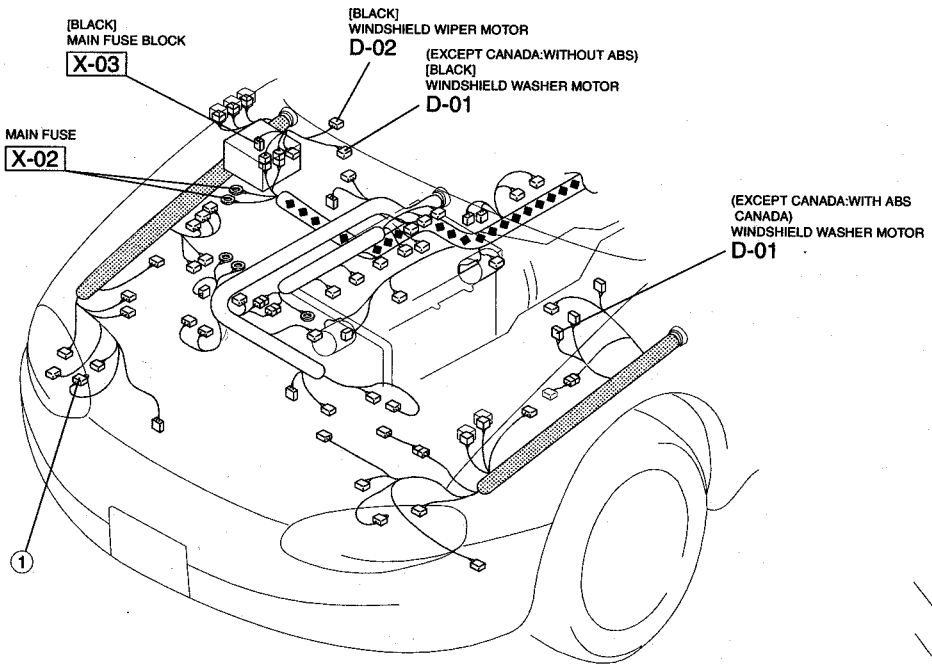
(EXCEPT CANADA: WITHOUT ABS)

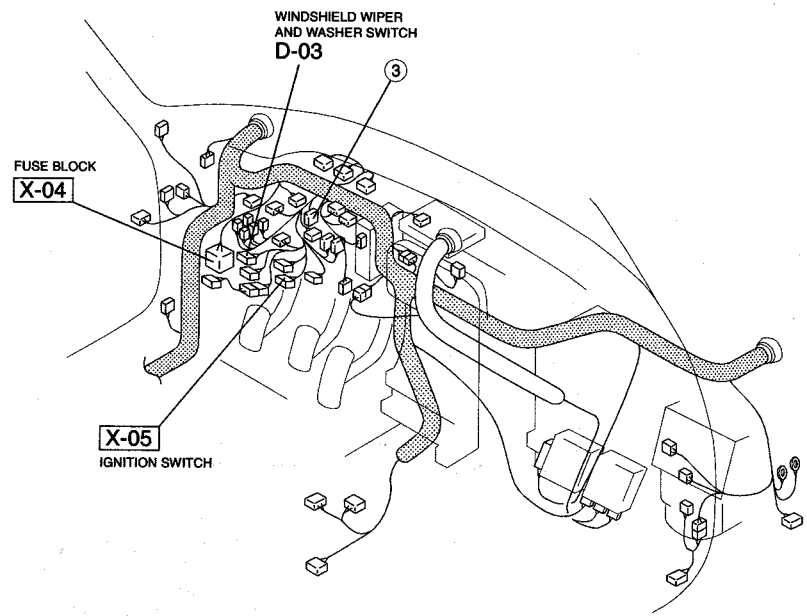
(EXCEPT CANADA: WITH ABS CANADA)

D-02 WINDSHIELD WIPER MOTOR(F)

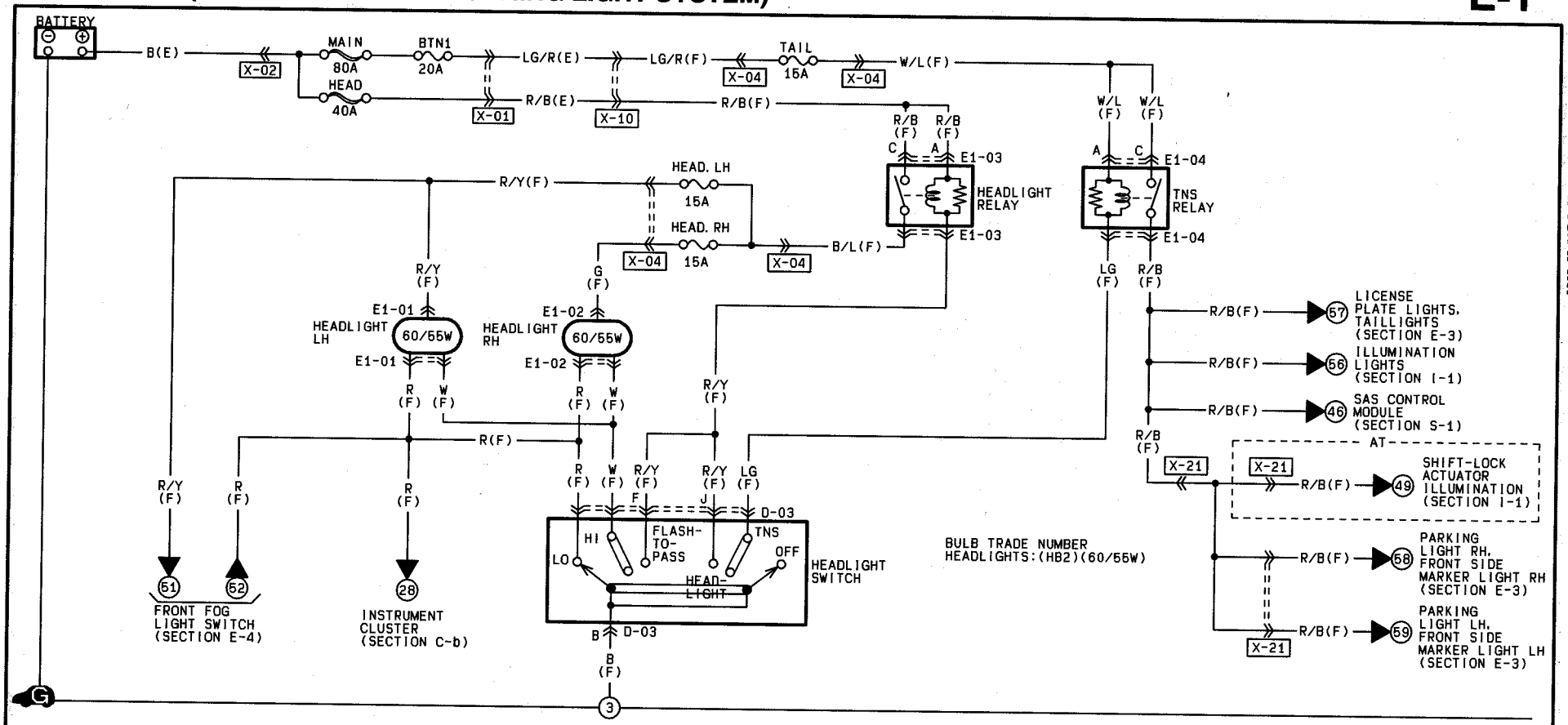
D-03 WINDSHIELD WIPER AND WASHER SWITCH(F)



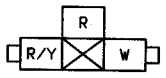

[BLACK]
MAIN FUSE BLOCK
X-03
[BLACK]
WINDSHIELD WIPER MOTOR
D-02
(EXCEPT CANADA:WITHOUT ABS)
[BLACK]
WINDSHIELD WASHER MOTOR
D-01
MAIN FUSE
X-02
(EXCEPT CANADA:WITH ABS
CANADA)
WINDSHIELD WASHER MOTOR
D-01
1


WINDSHIELD WIPER
AND WASHER SWITCH
D-03
3
FUSE BLOCK
X-04
X-05
IGNITION SWITCH

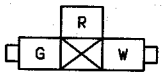
HEADLIGHTS (WITHOUT DAYTIME RUNNING LIGHT SYSTEM)



E1-01 HEADLIGHT LH(F)



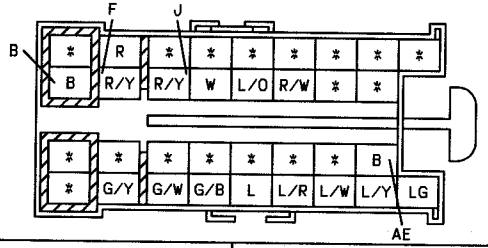
E1-02 HEADLIGHT RH(F)

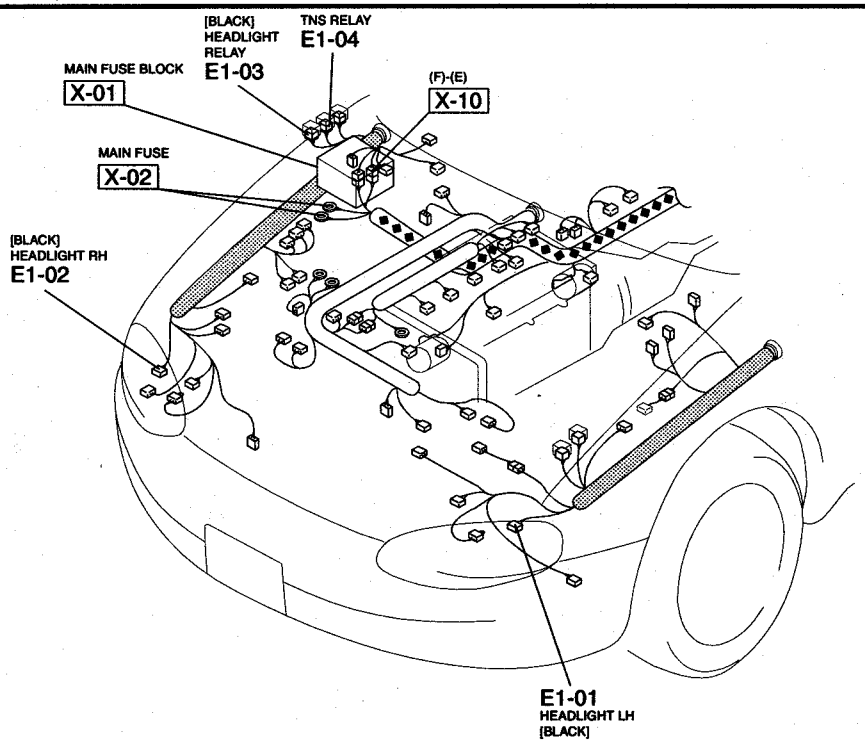


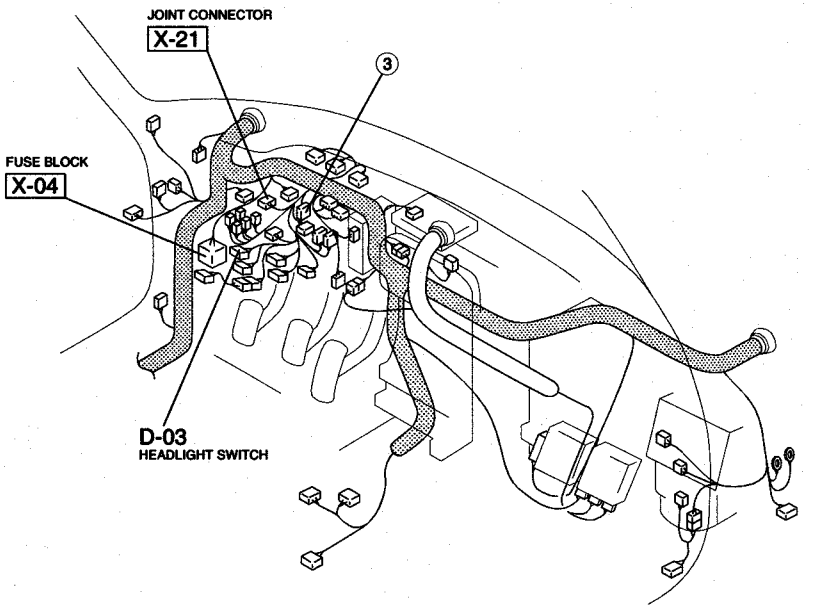
E1-03 HEADLIGHT RELAY(F)

E1-04 TNS RELAY(F)

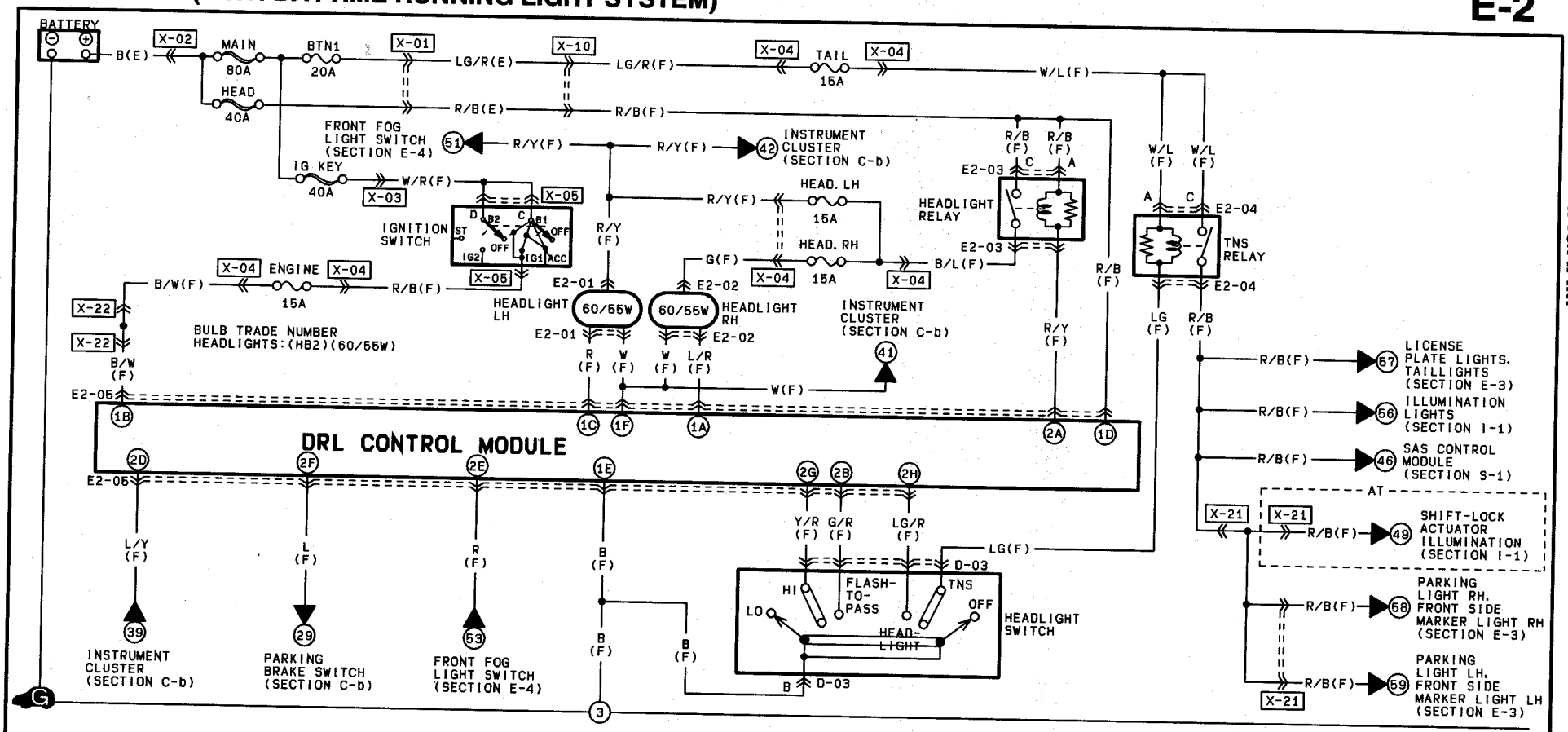
D-03 HEADLIGHT SWITCH(F)



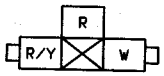

[BLACK]
HEADLIGHT
RELAY
E1-03
TNS RELAY
E1-04
MAIN FUSE BLOCK
X-01
(F)-(E)
X-10
MAIN FUSE
X-02
[BLACK]
HEADLIGHT RH
E1-02
E1-01
HEADLIGHT LH
[BLACK]


JOINT CONNECTOR
X-21
3
FUSE BLOCK
X-04
D-03
HEADLIGHT SWITCH

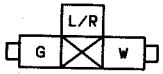
HEADLIGHTS (WITH DAYTIME RUNNING LIGHT SYSTEM)



E2-01 HEADLIGHT LH(F)

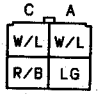


E2-02 HEADLIGHT RH(F)

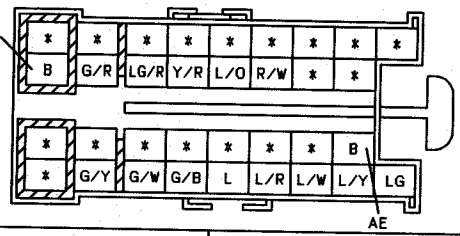


E2-03 HEADLIGHT RELAY(F)

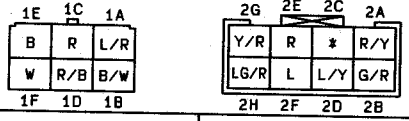
E2-04 TNS RELAY(F)

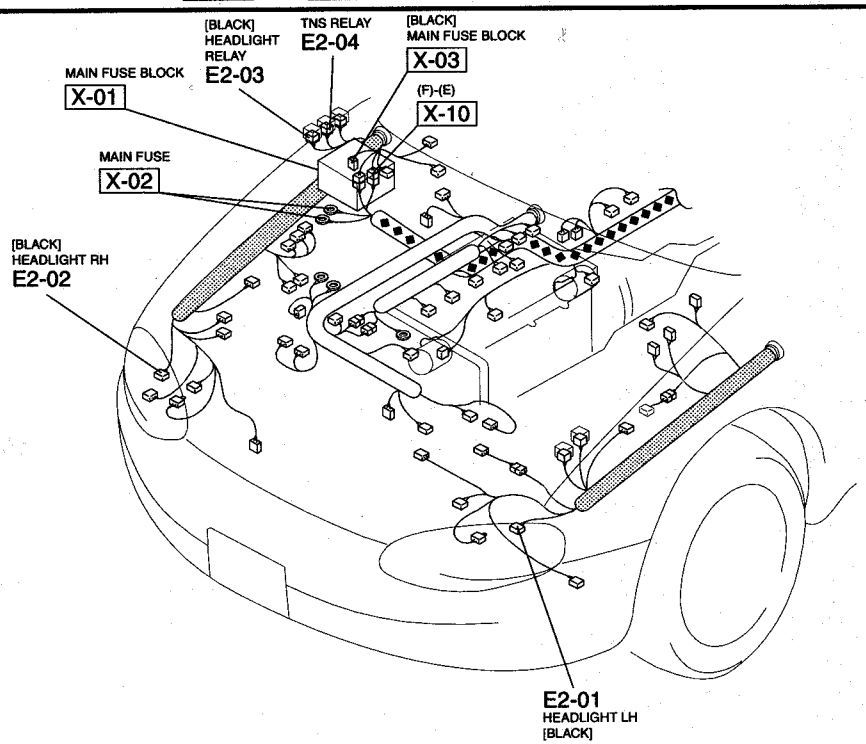


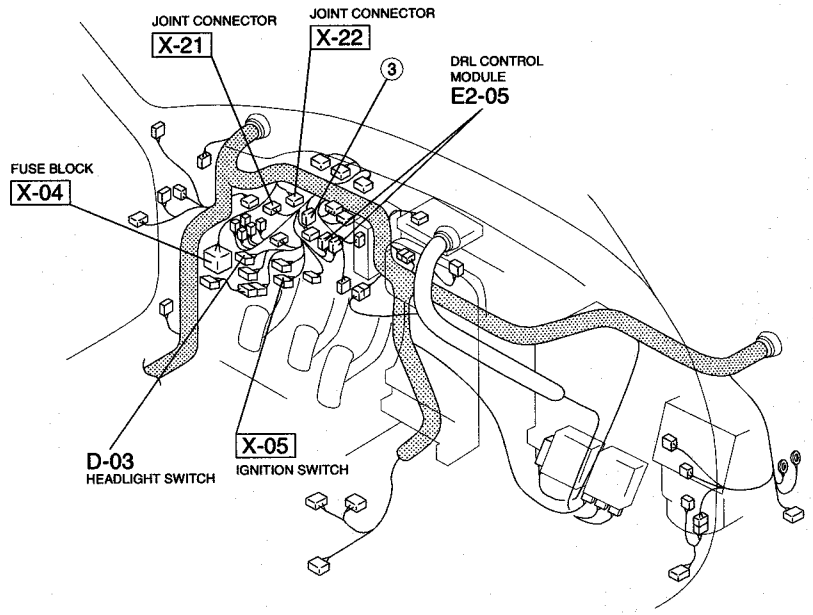
D-03 HEADLIGHT SWITCH(F)



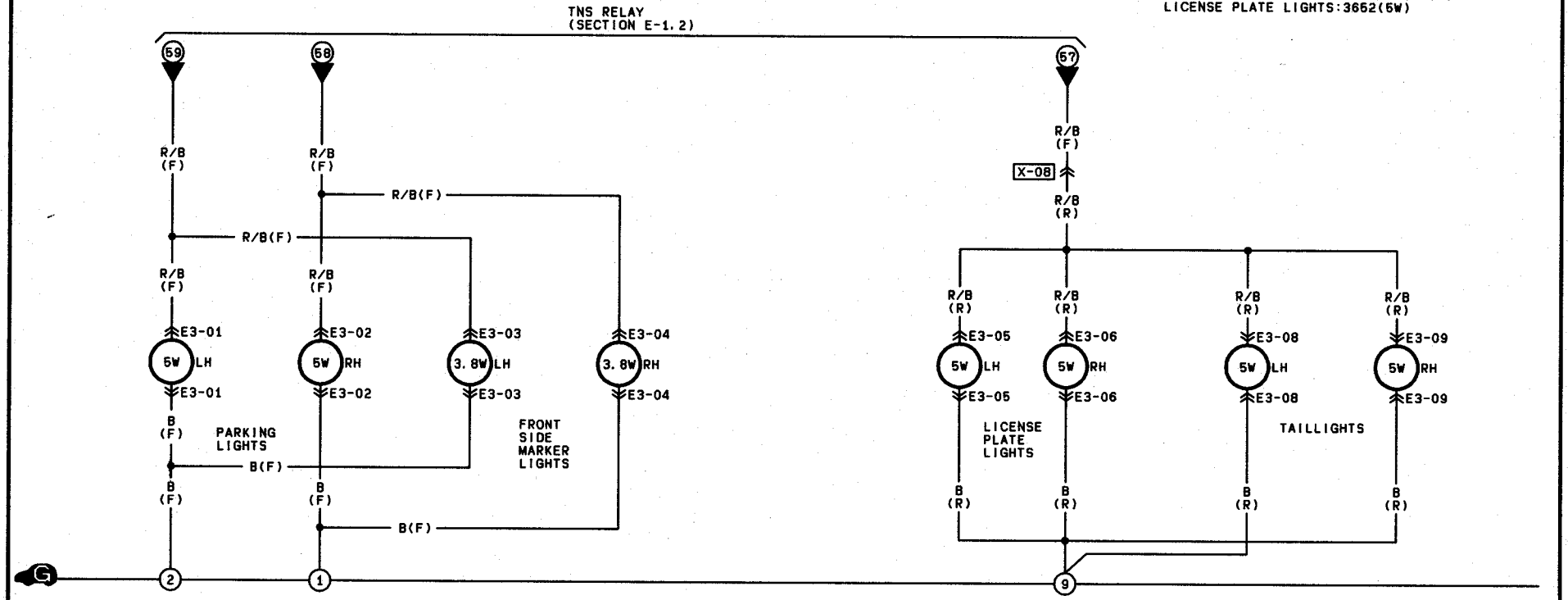
E2-05 DRL CONTROL MODULE(F)

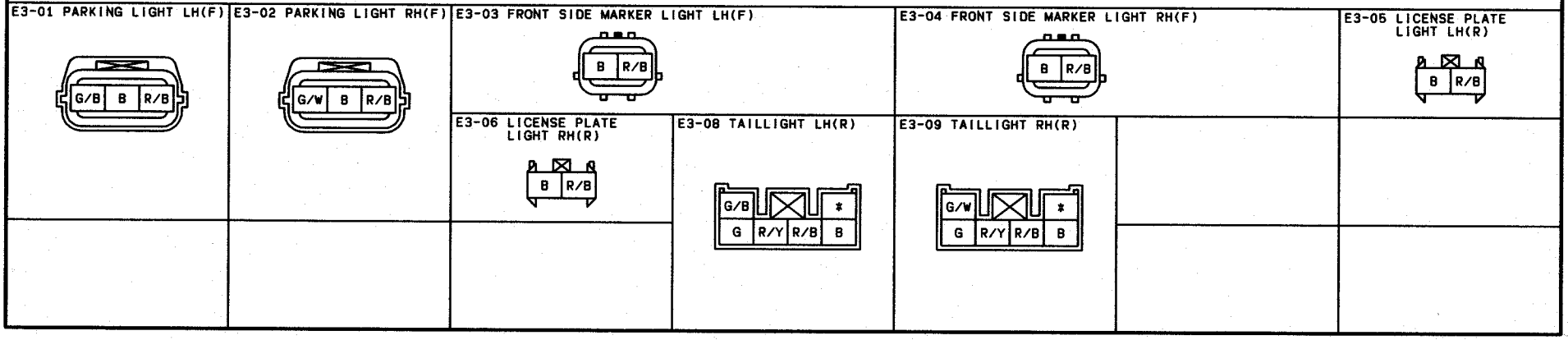


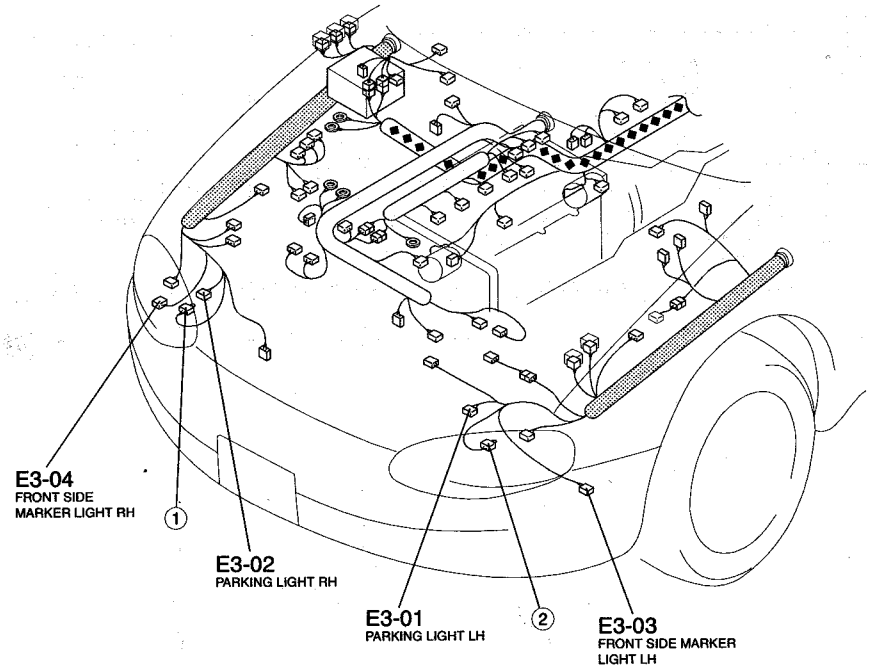

[BLACK]
HEADLIGHT
RELAY
E2-03
TNS RELAY
E2-04
[BLACK]
MAIN FUSE BLOCK
X-03
MAIN FUSE BLOCK
X-01
(F)-(E)
X-10
MAIN FUSE
X-02
[BLACK]
HEADLIGHT RH
E2-02
E2-01
HEADLIGHT LH
[BLACK]

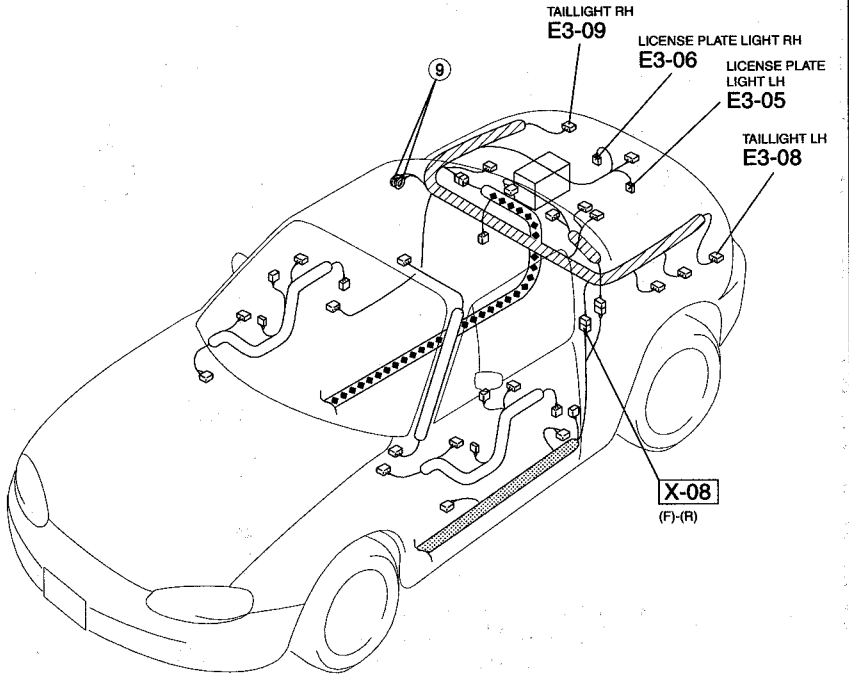

JOINT CONNECTOR
X-21
JOINT CONNECTOR
X-22
3
DRL CONTROL
MODULE
E2-05
FUSE BLOCK
X-04
D-03
HEADLIGHT SWITCH
X-05
IGNITION SWITCH

BULB TRADE NUMBER
PARKING LIGHTS:3652(5W)
FRONT SIDE MARKER LIGHTS:194(3.8W)
LICENSE PLATE LIGHTS:3652(5W)

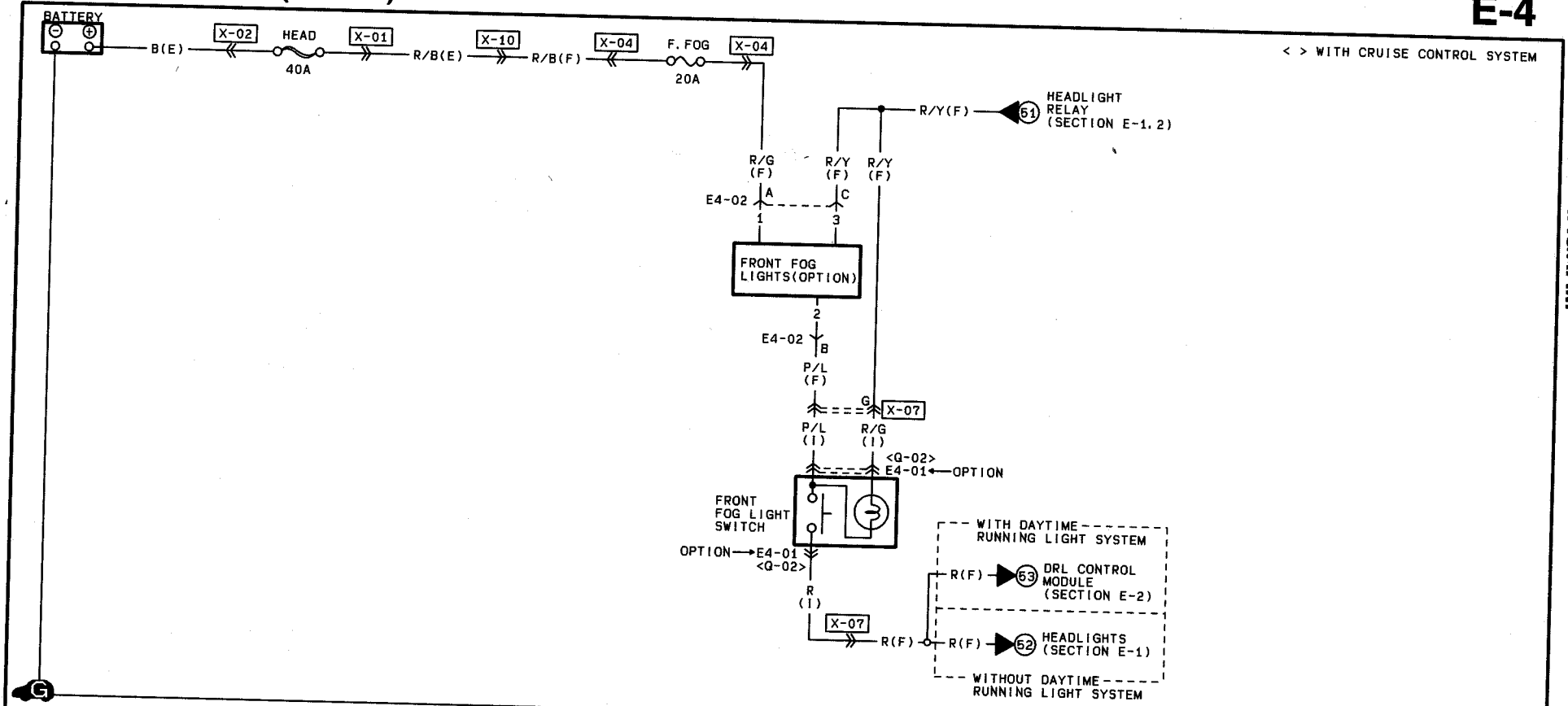




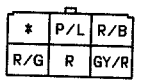

E3-04
FRONT SIDE
MARKER LIGHT RH
1
E3-02
PARKING LIGHT RH
E3-01
PARKING LIGHT LH
2
E3-03
FRONT SIDE MARKER
LIGHT LH


TAILLIGHT RH
E3-09
LICENSE PLATE LIGHT RH
E3-06
LICENSE PLATE
LIGHT LH
E3-05
TAILLIGHT LH
E3-08
9
X-08
(F)-(R)

FRONT FOG LIGHTS (OPTION)

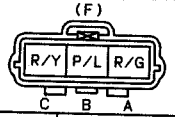


E4-01 FRONT FOG LIGHT SWITCH(I)

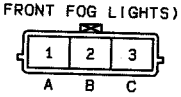


(WITHOUT CRUISE CONTROL SYSTEM)
(OPTION)

E4-02 FRONT(F)-FRONT FOG LIGHTS(SHORT CORD)

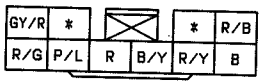


(OPTION)

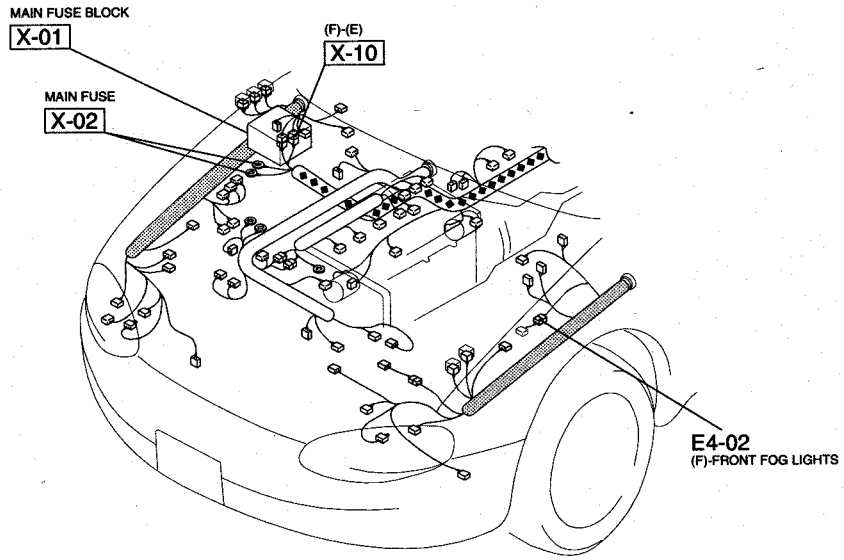


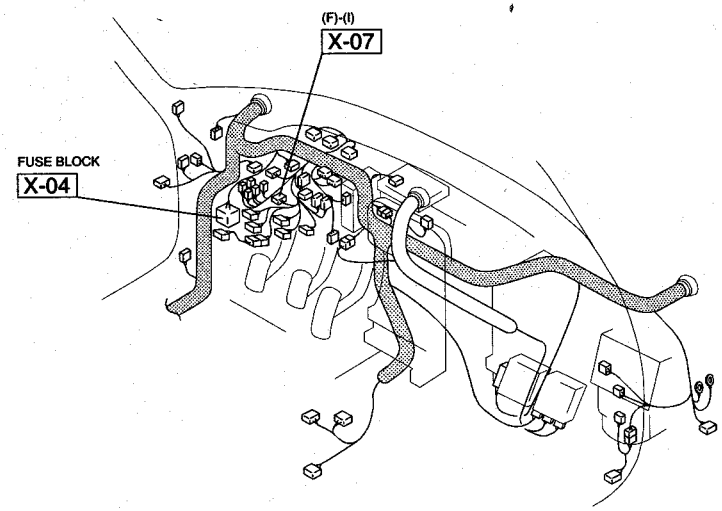
TERMINALS OF THIS CONNECTOR ARE INDICATED BY NUMBERS.

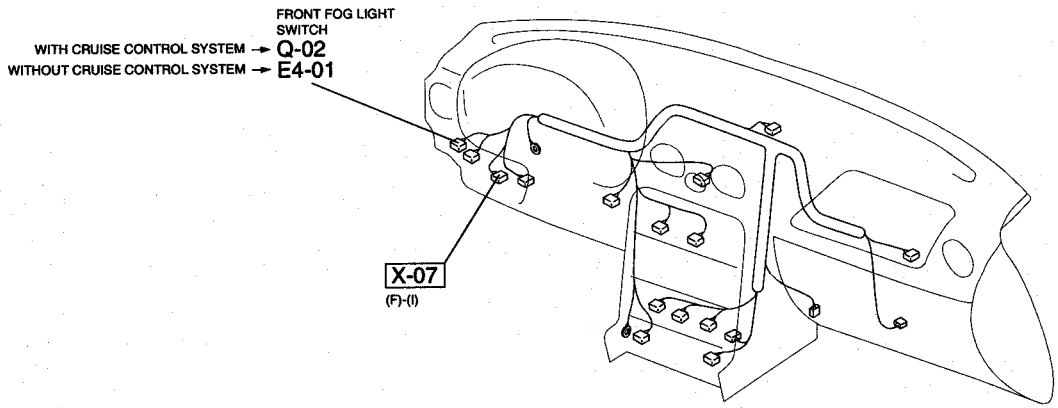
Q-02 FRONT FOG LIGHT SWITCH(I)



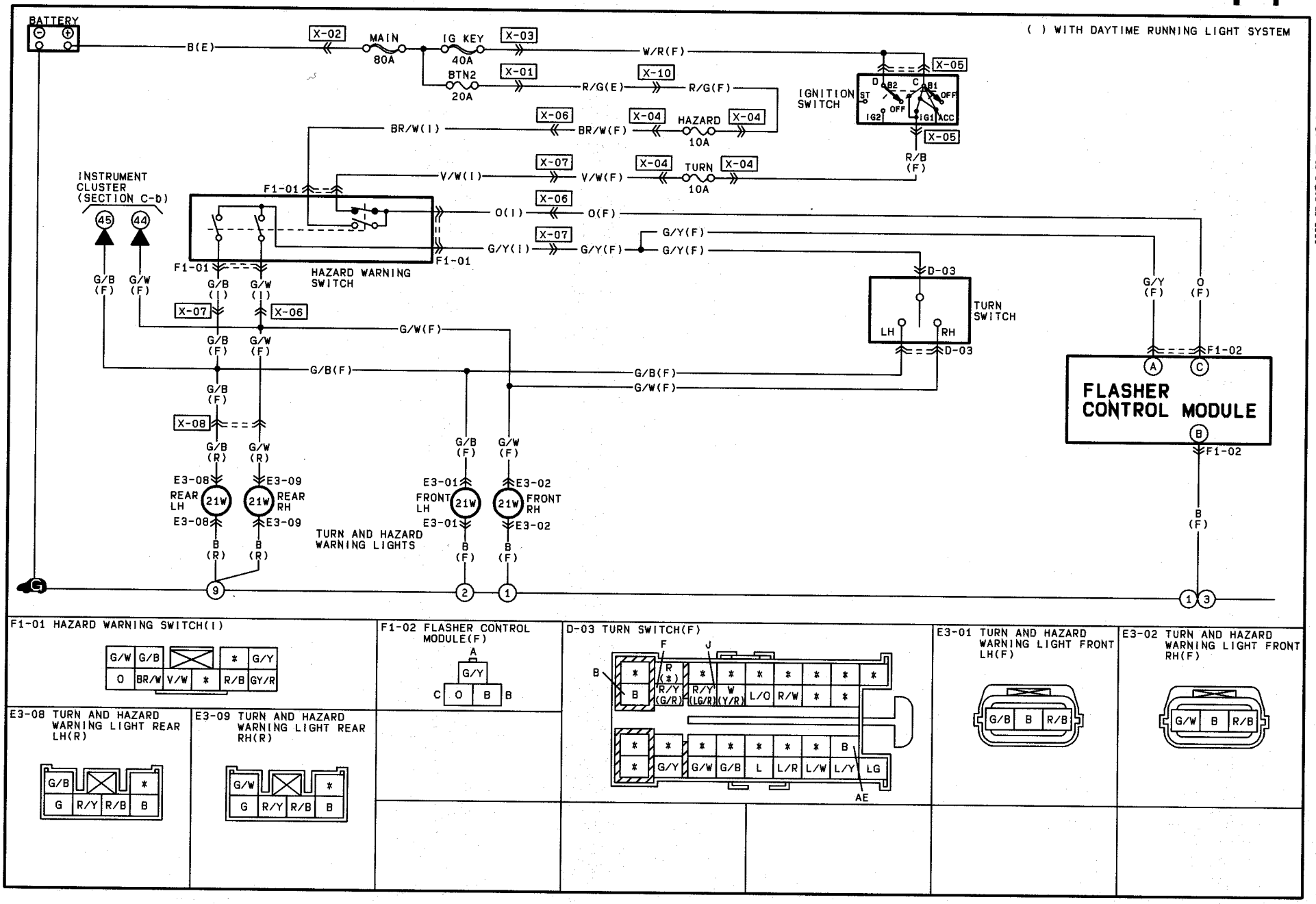
(WITH CRUISE CONTROL SYSTEM)


MAIN FUSE BLOCK
X-01
(F)-(E)
X-10
MAIN FUSE
X-02
E4-02
(F)-FRONT FOG LIGHTS


(F)-(I)
X-07
FUSE BLOCK
X-04


FRONT FOG LIGHT SWITCH
WITH CRUISE CONTROL SYSTEM → Q-02
WITHOUT CRUISE CONTROL SYSTEM → E4-01
X-07
(F)-(I)

TURN AND HAZARD WARNING LIGHTS



F1-01 HAZARD WARNING SWITCH(I)

F1-02 FLASHER CONTROL MODULE(F)

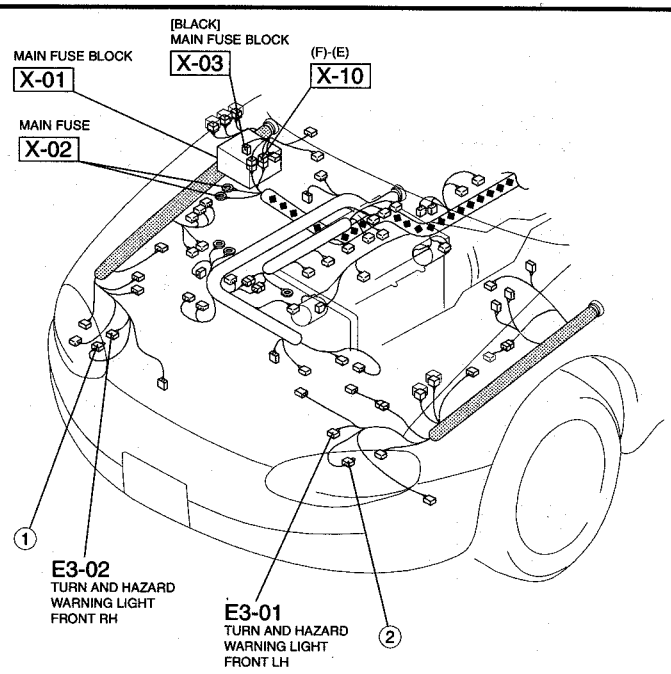
D-03 TURN SWITCH(F)

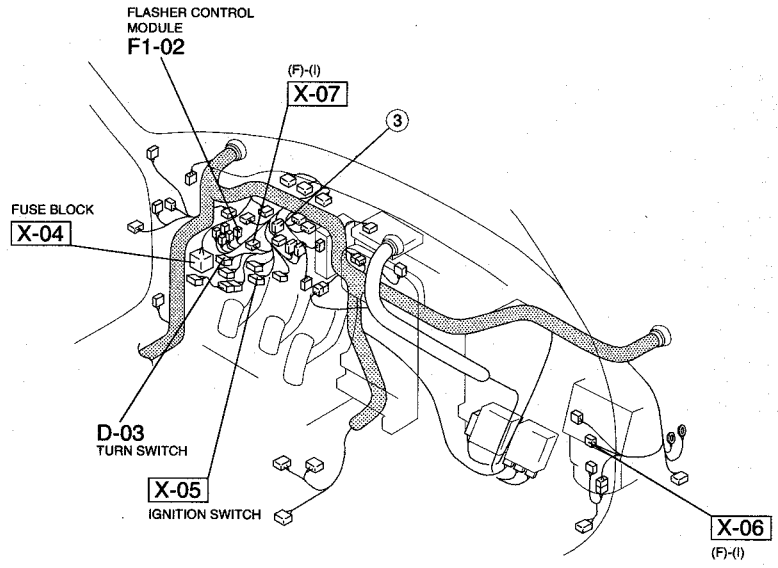
E3-01 TURN AND HAZARD WARNING LIGHT FRONT LH(F)

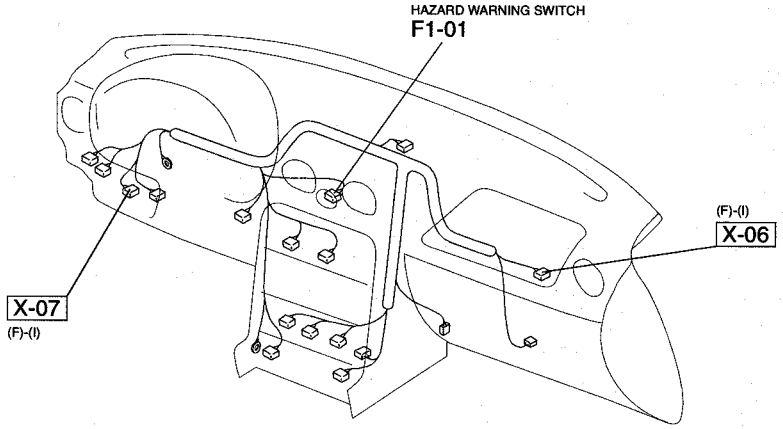
E3-02 TURN AND HAZARD WARNING LIGHT FRONT RH(F)

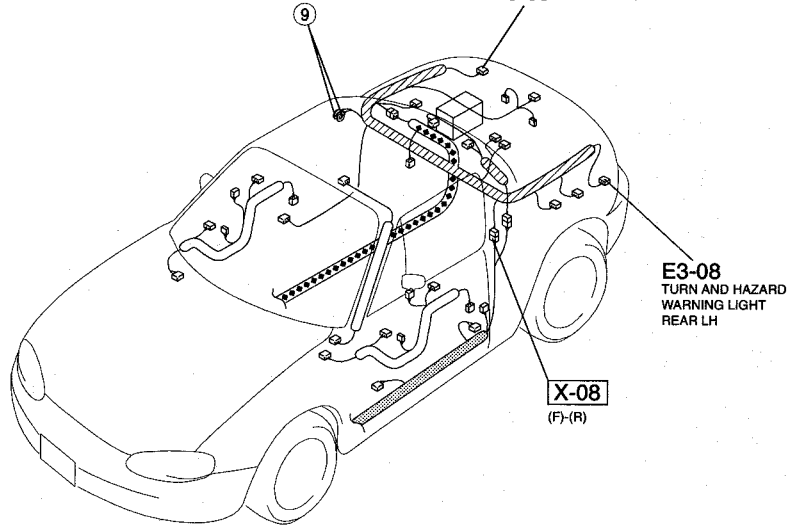
E3-08 TURN AND HAZARD WARNING LIGHT REAR LH(R)

E3-09 TURN AND HAZARD WARNING LIGHT REAR RH(R)

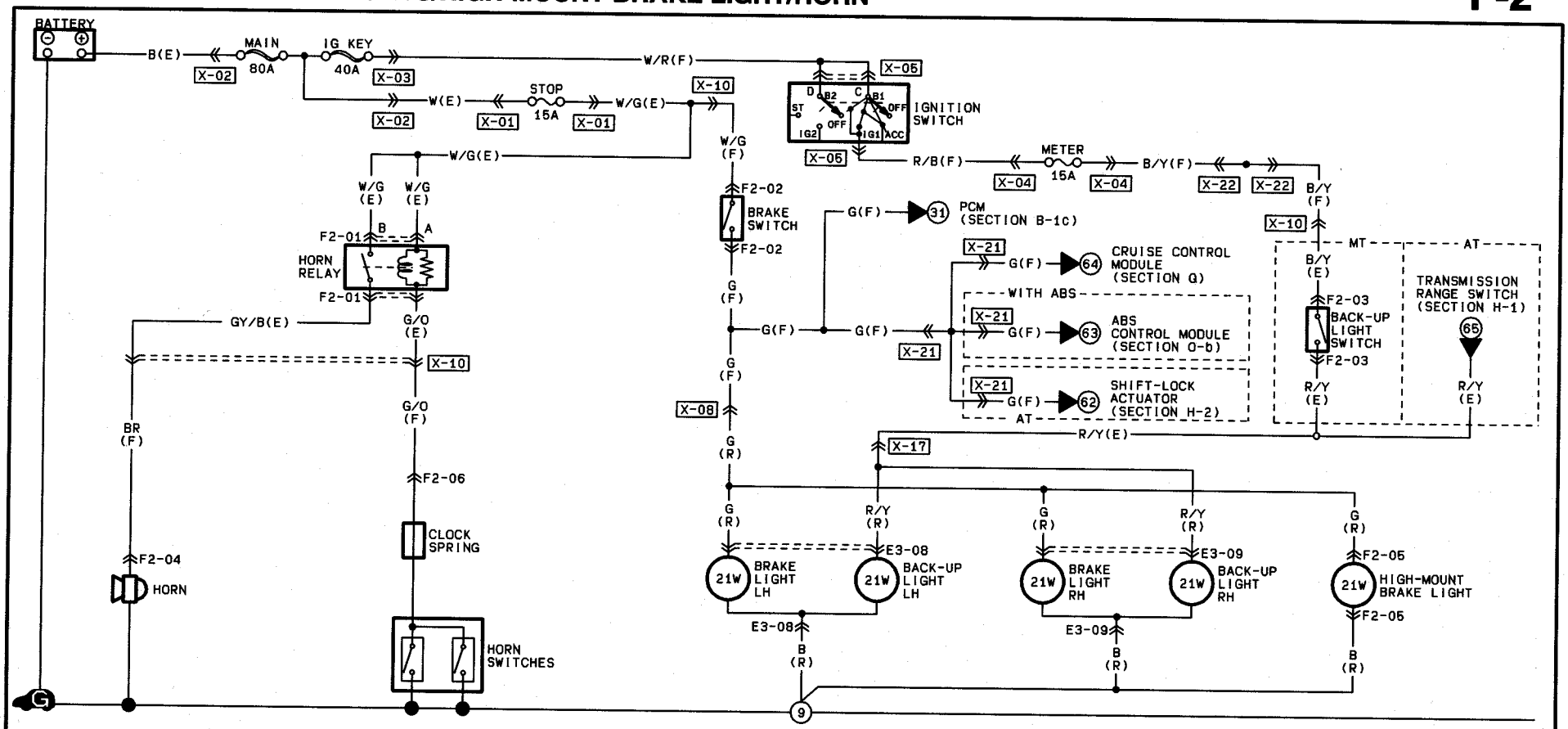

MAIN FUSE BLOCK
X-01
[BLACK]
MAIN FUSE BLOCK
X-03
(F)-(E)
X-10
MAIN FUSE
X-02
1
E3-02
TURN AND HAZARD
WARNING LIGHT
FRONT RH
E3-01
TURN AND HAZARD
WARNING LIGHT
FRONT LH
2


FLASHER CONTROL
MODULE
F1-02
(F)-(I)
X-07
3
FUSE BLOCK
X-04
D-03
TURN SWITCH
X-05
IGNITION SWITCH
X-06
(F)-(I)

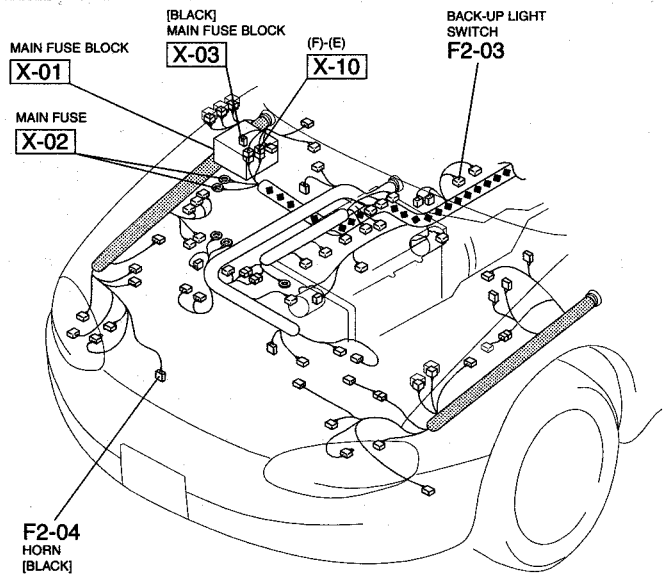

HAZARD WARNING SWITCH
F1-01
(F)-(I)
X-06
X-07
(F)-(I)


TURN AND HAZARD
WARNING LIGHT
REAR RH
E3-09
9
E3-08
TURN AND HAZARD
WARNING LIGHT
REAR LH
X-08
(F)-(R)

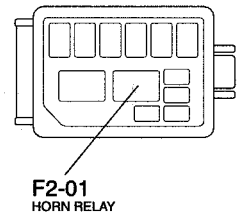
BACK-UP LIGHTS/BRAKE LIGHTS/HIGH-MOUNT BRAKE LIGHT/HORN

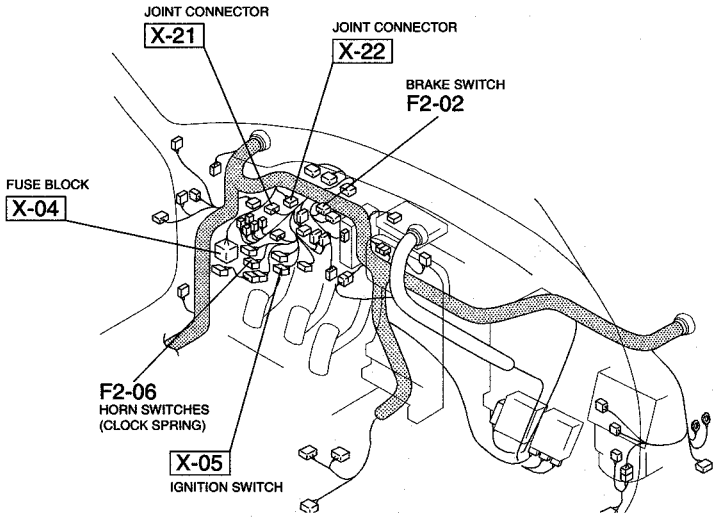


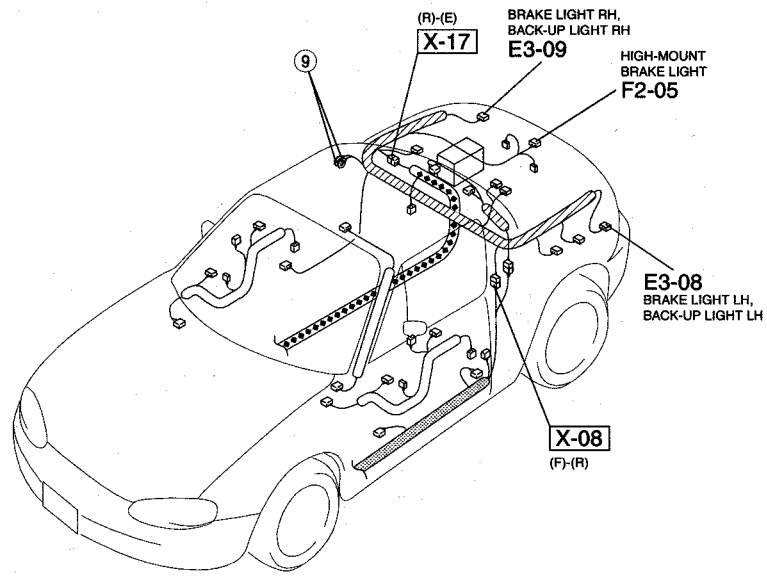
F2-01 HORN RELAY(E) W/G A G/O W/G B GY/B	F2-02 BRAKE SWITCH(F) W/G G	F2-03 BACK-UP LIGHT SWITCH(E) B/Y R/Y (MT)	F2-04 HORN(F) BR	F2-05 HIGH-MOUNT BRAKE LIGHT(R) B G	F2-06 HORN SWITCHES(F) (CLOCK SPRING) G/O * * *
E3-08 BRAKE LIGHT LH, BACK-UP LIGHT LH(R) G/B * G R/Y R/B B	E3-09 BRAKE LIGHT RH, BACK-UP LIGHT RH(R) G/W * G R/Y R/B B				



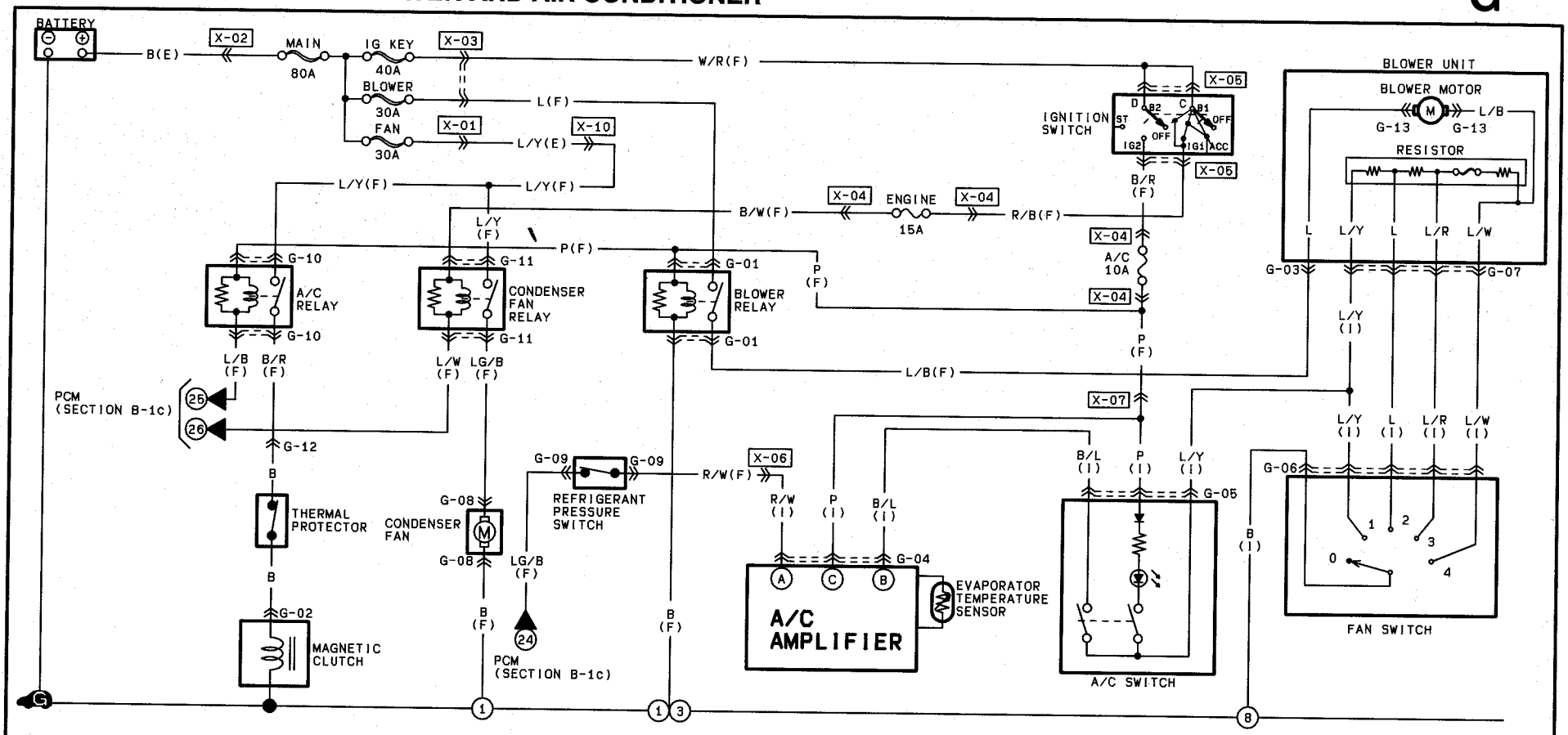
MAIN FUSE BLOCK



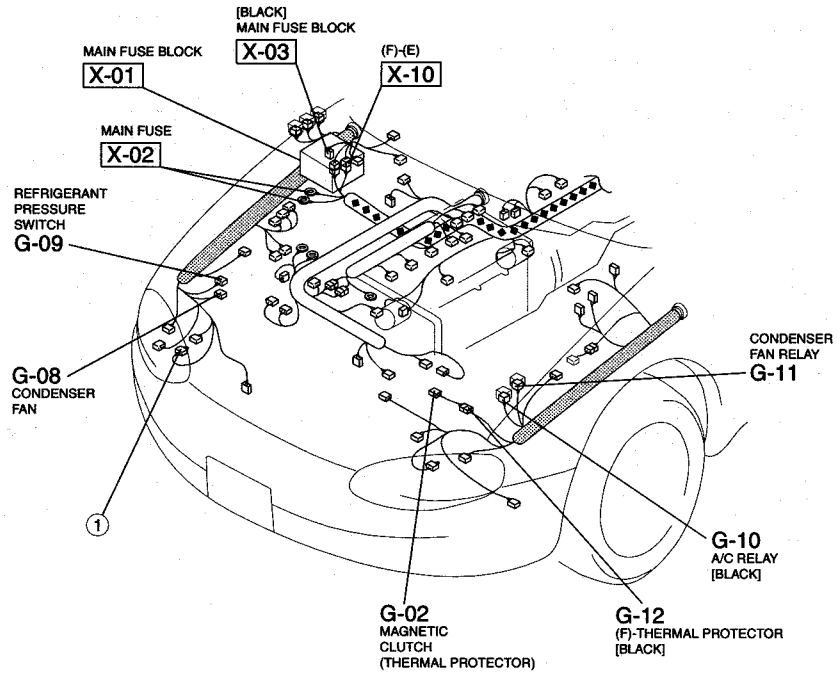


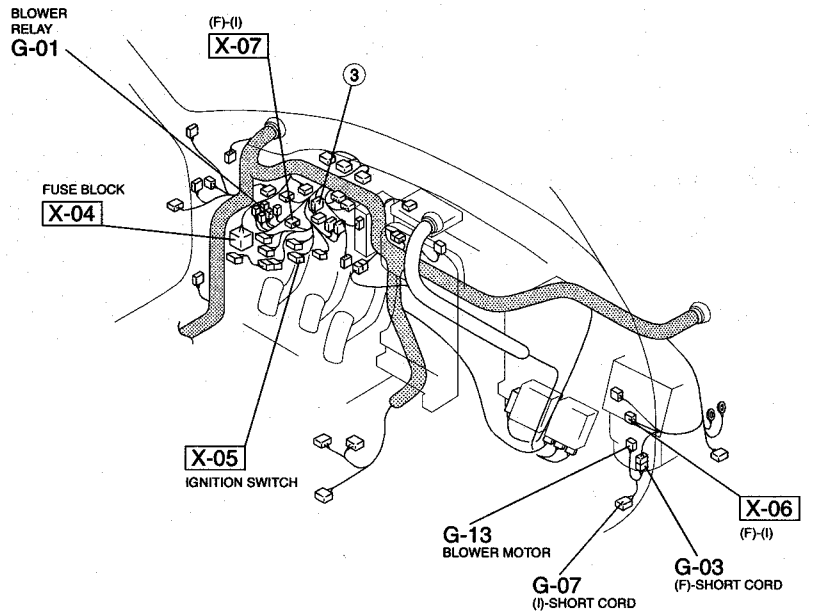


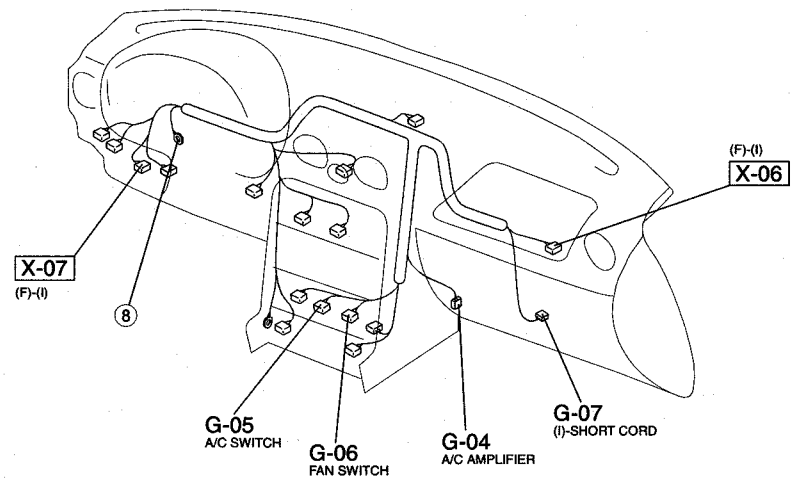
CONDENSER FAN SYSTEM/HEATER AND AIR CONDITIONER



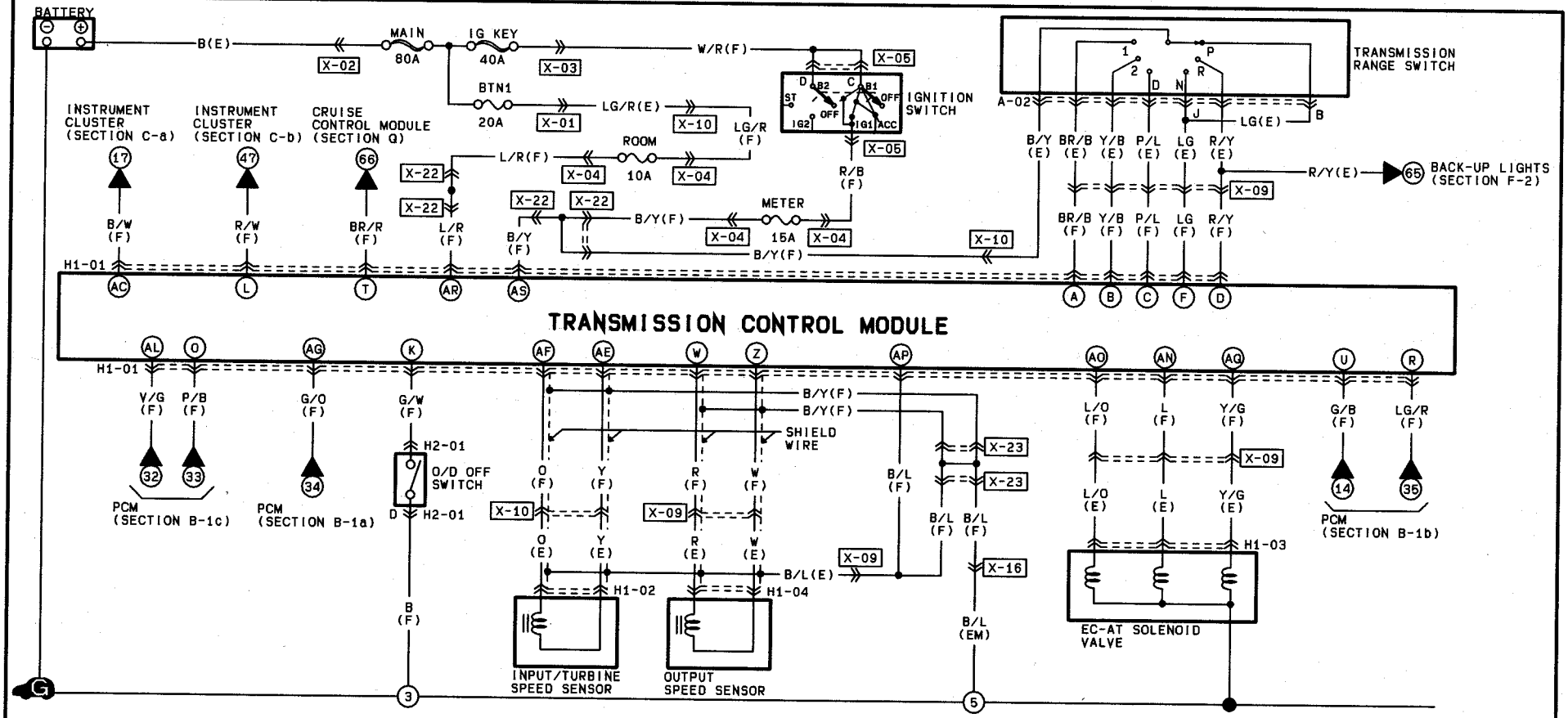
G-01 BLOWER RELAY(F) L P L/B B	G-02 MAGNETIC CLUTCH (THERMAL PROTECTOR) B	G-03 FRONT(F)-SHORT CORD (F) L/B (SHORT CORD) L	G-04 A/C AMPLIFIER(I) C B A P B/L R/W	G-05 A/C SWITCH(I) P B/L L/Y	G-06 FAN SWITCH(I) L L/Y * GY/R R/B L/R L/W B
G-07 INSTRUMENT PANEL(I)-SHORT CORD (I) (SHORT CORD) L L/R L/R L L/Y L/W L/W L/Y	G-08 CONDENSER FAN(F) B LG/B	G-09 REFRIGERANT PRESSURE SWITCH(F) R/W LG/B	G-10 A/C RELAY(F) L/Y P B/R L/B	G-11 CONDENSER FAN RELAY(F) L/Y B/W LG/B L/W	
G-12 FRONT(F)-THERMAL PROTECTOR(SHORT CORD) (F) B/R (THERMAL PROTECTOR) B	G-13 BLOWER MOTOR (SHORT CORD) L L/B				


[BLACK]
MAIN FUSE BLOCK
X-03
MAIN FUSE BLOCK
X-01
(F)-(E)
X-10
MAIN FUSE
X-02
REFRIGERANT
PRESSURE
SWITCH
G-09
G-08
CONDENSER
FAN
CONDENSER
FAN RELAY
G-11
G-10
A/C RELAY
[BLACK]
G-02
MAGNETIC
CLUTCH
(THERMAL PROTECTOR)
G-12
(F)-THERMAL PROTECTOR
[BLACK]
1


BLOWER
RELAY
G-01
(F)-(I)
X-07
3
FUSE BLOCK
X-04
X-05
IGNITION SWITCH
X-06
(F)-(I)
G-13
BLOWER MOTOR
G-07
(I)-SHORT CORD
G-03
(F)-SHORT CORD


(F)-(I)
X-06
X-07
(F)-(I)
8
G-05
A/C SWITCH
G-06
FAN SWITCH
G-04
A/C AMPLIFIER
G-07
(I)-SHORT CORD

EC-AT CONTROL SYSTEM



H1-01 TRANSMISSION CONTROL MODULE(F)

AQ Y/G	AN L		AH *	AE Y								M *	J *		D R/Y	A BR/B
AR L/R	AO L/O	AL V/G	AI *	AF O	AC B/W	Z W	W R	T BR/R	Q *	N *	K G/W	H *	E *	B Y/B
AS B/Y	AP B/L		AJ *	AG G/O	AD *	AA *		U G/B	R LG/R	O P/B	L R/W		F LG	C P/L

H1-02 INPUT/TURBINE SPEED SENSOR(E)

O	Y

H1-03 EC-AT SOLENOID VALVE(E)

Y/G	
L/O	L

H1-04 OUTPUT SPEED SENSOR(E)

W	R

A-02 TRANSMISSION RANGE SWITCH(E)

B/Y	BR/B	Y/B			*
LG	P/L	R/Y	B/L	B/R	LG

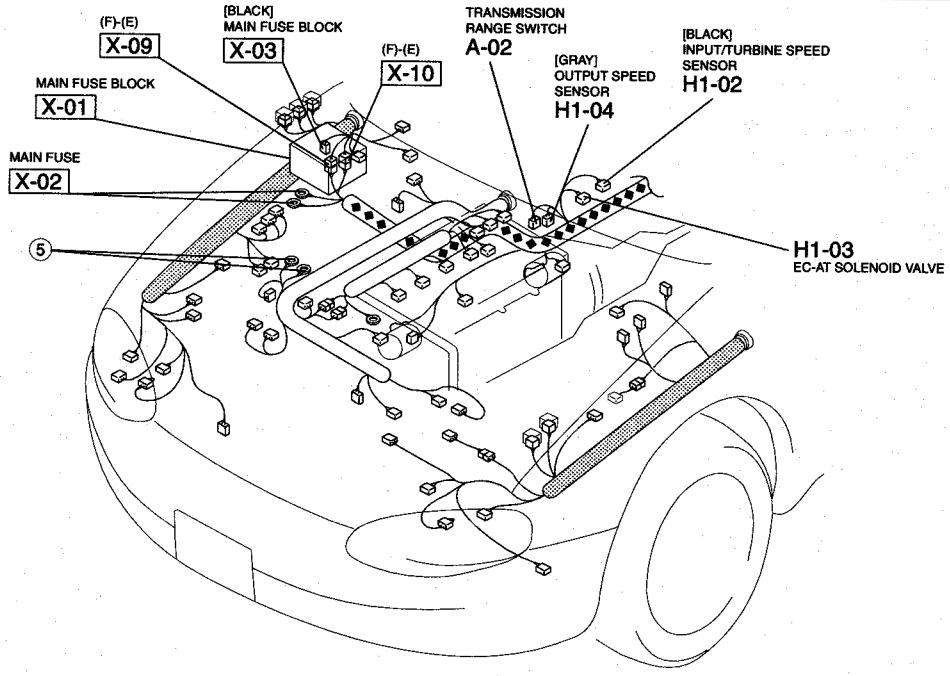
J B

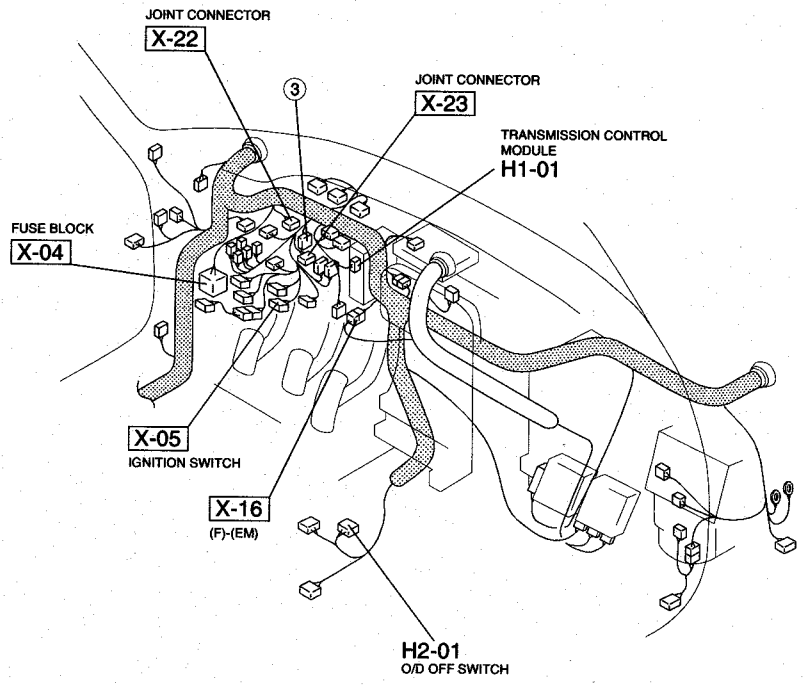
H2-01 O/D OFF SWITCH(F)

LG	B/Y			GY/R	R/B
B	G	W/G	*	B	G/W

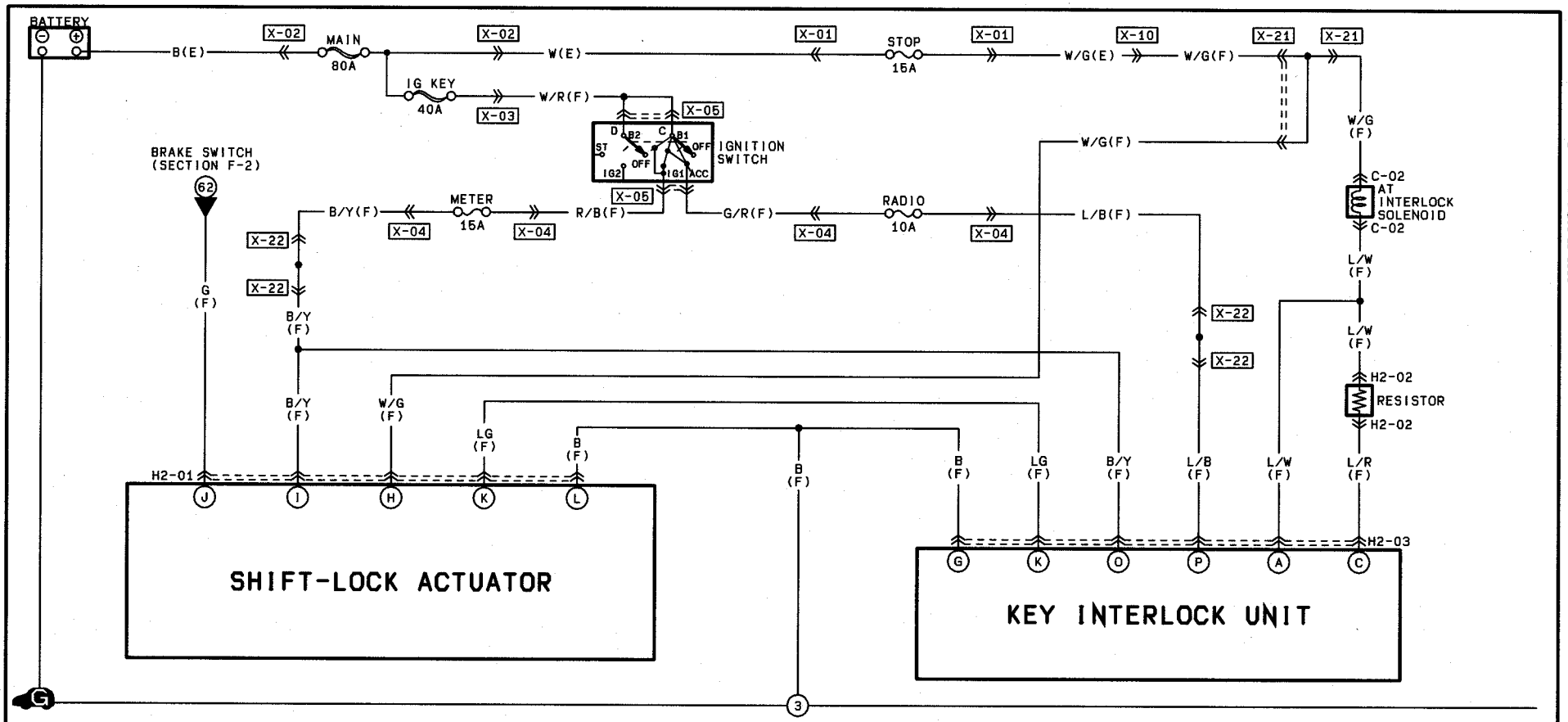
L D

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

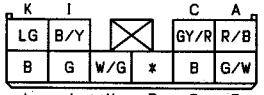




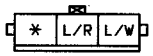
KEY INTERLOCK SYSTEM/SHIFT-LOCK SYSTEM



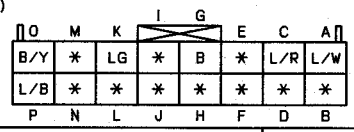
H2-01 SHIFT-LOCK ACTUATOR(F)



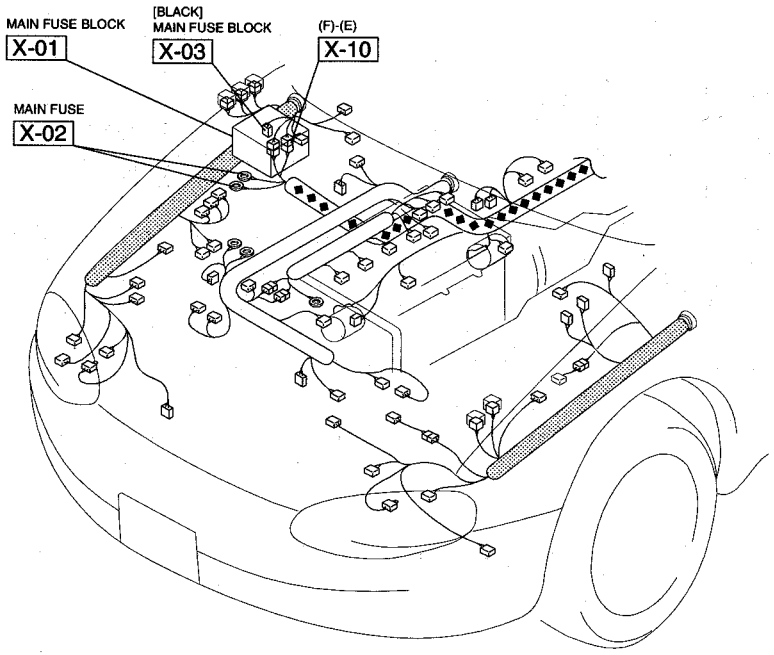
H2-02 RESISTOR(F)

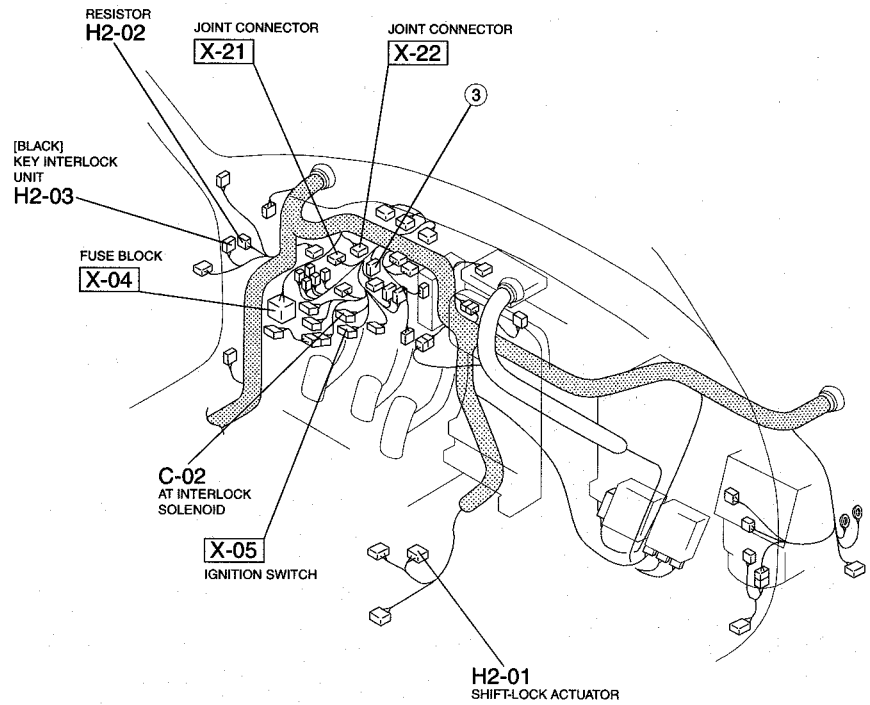


H2-03 KEY INTERLOCK UNIT(F)

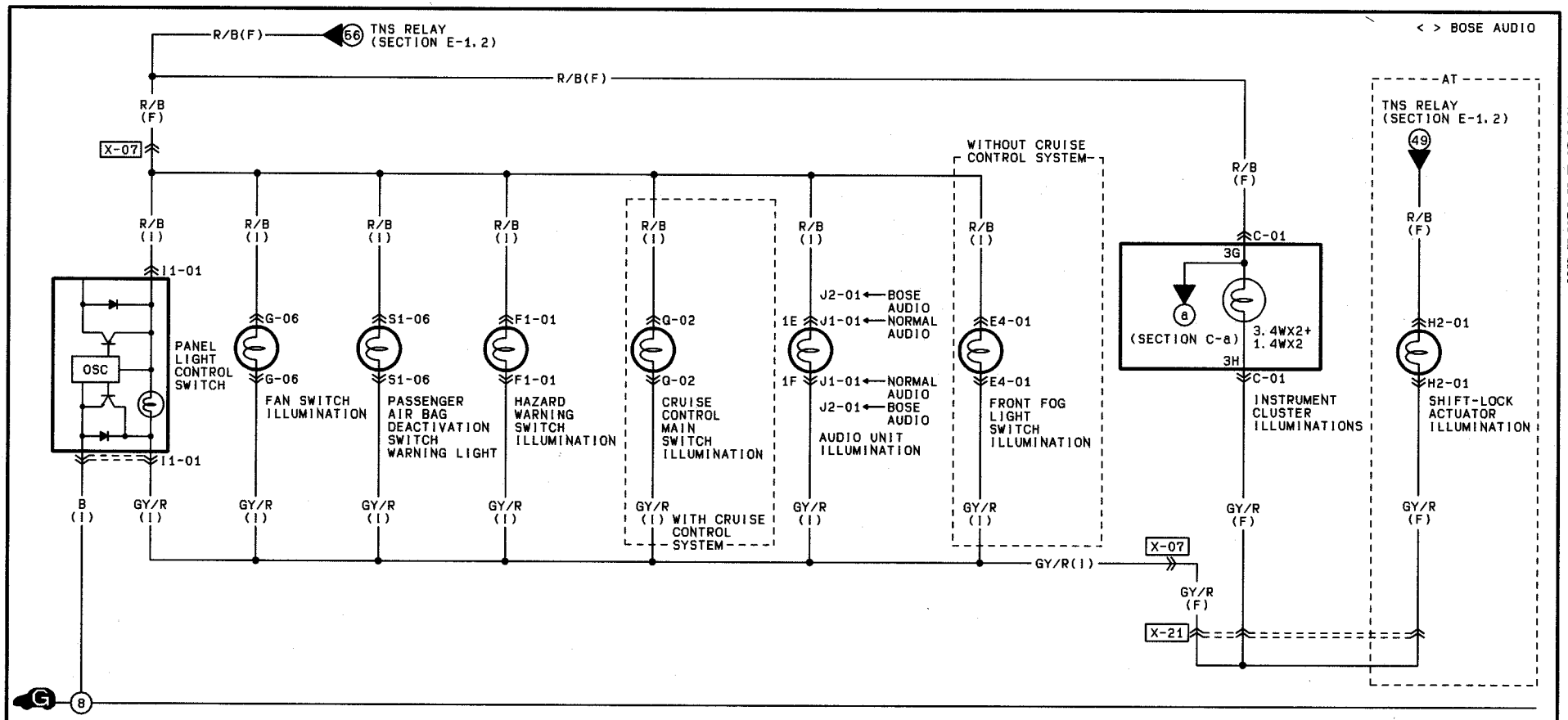


C-02 AT INTERLOCK SOLENOID(F)


MAIN FUSE BLOCK
X-01
[BLACK]
MAIN FUSE BLOCK
X-03
(F)-(E)
X-10
MAIN FUSE
X-02


RESISTOR
H2-02
JOINT CONNECTOR
X-21
JOINT CONNECTOR
X-22
3
[BLACK]
KEY INTERLOCK
UNIT
H2-03
FUSE BLOCK
X-04
C-02
AT INTERLOCK
SOLENOID
X-05
IGNITION SWITCH
H2-01
SHIFT-LOCK ACTUATOR

ILLUMINATION LIGHTS



I1-01 PANEL LIGHT CONTROL SWITCH(I)

B			GY/R
*	*	R/B	*

C-01 INSTRUMENT CLUSTER ILLUMINATIONS(F)

B	G/W	GY/R	R/B	L/O	Y/R	BR	L/Y	BR/R	G/B
3J	3I	3H	3G	3F	3E	3D	3C	3B	3A

E4-01 FRONT FOG LIGHT SWITCH ILLUMINATION(I)

*	P/L	R/B
R/G	R	GY/R

(WITHOUT CRUISE CONTROL SYSTEM)

F1-01 HAZARD WARNING SWITCH ILLUMINATION(I)

G/W	G/B		*	G/Y
O	BR/W	V/W	*	R/B	GY/R

G-06 FAN SWITCH ILLUMINATION(I)

L	L/Y		*	GY/R	R/B
L/R		L/W		B	

H2-01 SHIFT-LOCK ACTUATOR ILLUMINATION(F)

LG	B/Y			GY/R	R/B
B	G	W/G	*	B	G/W

L (AT) D

J1-01 AUDIO UNIT ILLUMINATION(I)
J2-01 NORMAL AUDIO / BOSE AUDIO

1M	1K		1E	1C	1A
Y/G <Y>	Y/R <R>		R/B	L/R	L/B
G <O>	Y/B <W>	* <LG/B>	*	GY/R	GY/B	*
1N	1L	1J	1H	1F	1D	1B

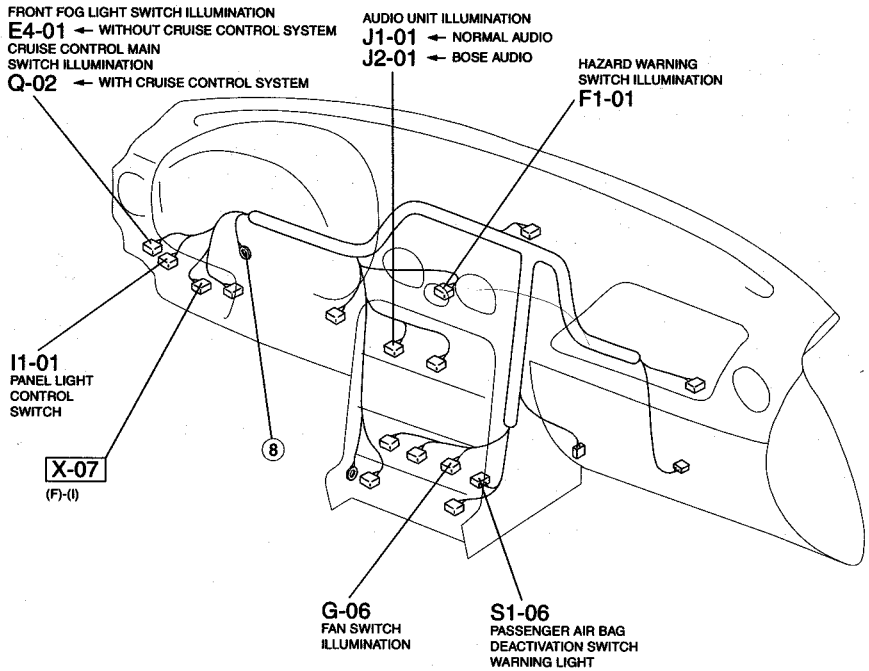
Q-02 CRUISE CONTROL MAIN SWITCH ILLUMINATION(I)

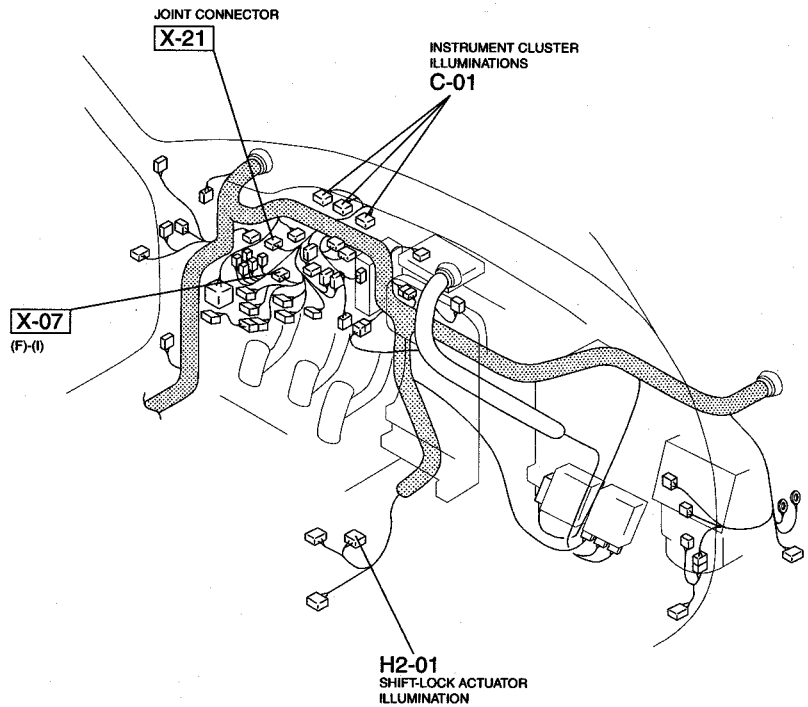
GY/R	*			*	R/B
R/G	P/L	R	B/Y	R/Y	B

(WITH CRUISE CONTROL SYSTEM)

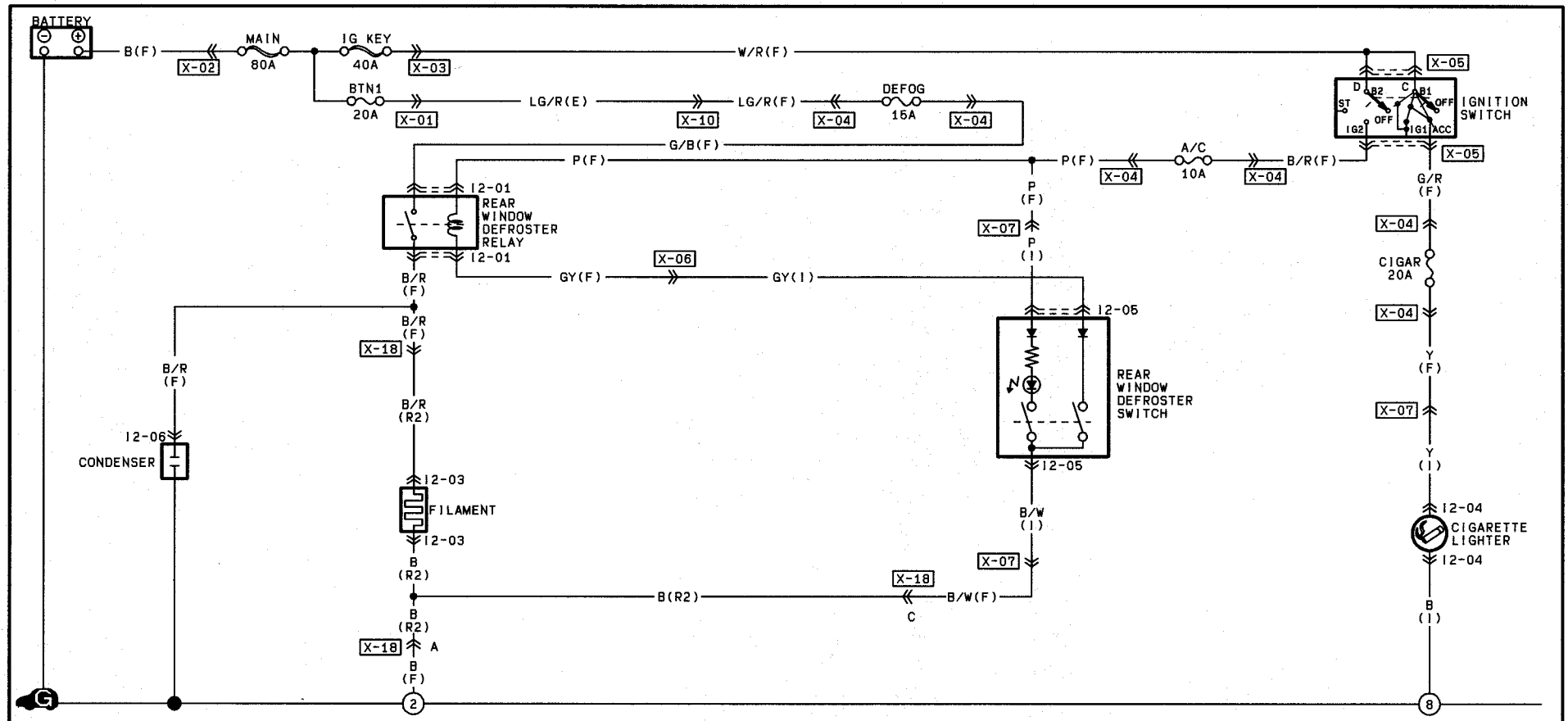
S1-06 PASSENGER AIR BAG DEACTIVATION SWITCH WARNING LIGHT(I)

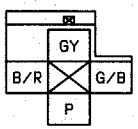
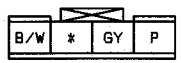
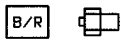
GY/R	B/R	*	B/Y
LG	*	LG/B	R/B

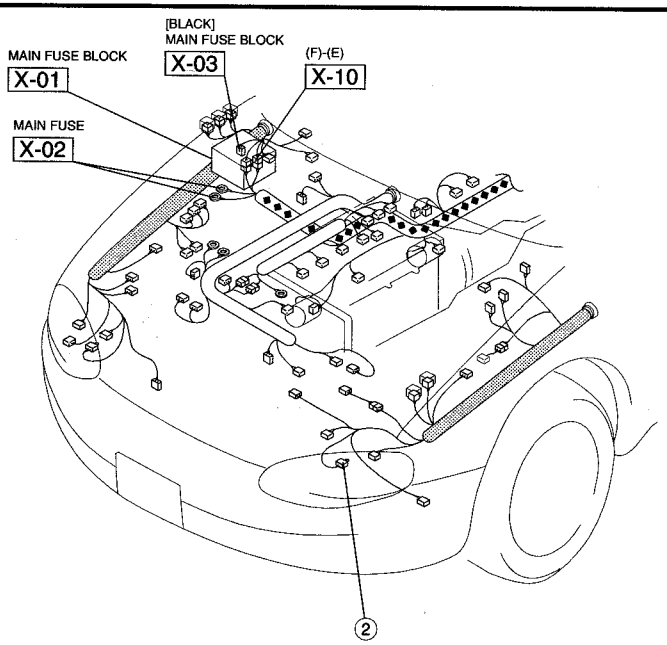

FRONT FOG LIGHT SWITCH ILLUMINATION
E4-01 ← WITHOUT CRUISE CONTROL SYSTEM
CRUISE CONTROL MAIN SWITCH ILLUMINATION
Q-02 ← WITH CRUISE CONTROL SYSTEM
AUDIO UNIT ILLUMINATION
J1-01 ← NORMAL AUDIO
J2-01 ← BOSE AUDIO
HAZARD WARNING SWITCH ILLUMINATION
F1-01
I1-01
PANEL LIGHT CONTROL SWITCH
X-07
(F)-(I)
8
G-06
FAN SWITCH ILLUMINATION
S1-06
PASSENGER AIR BAG DEACTIVATION SWITCH WARNING LIGHT

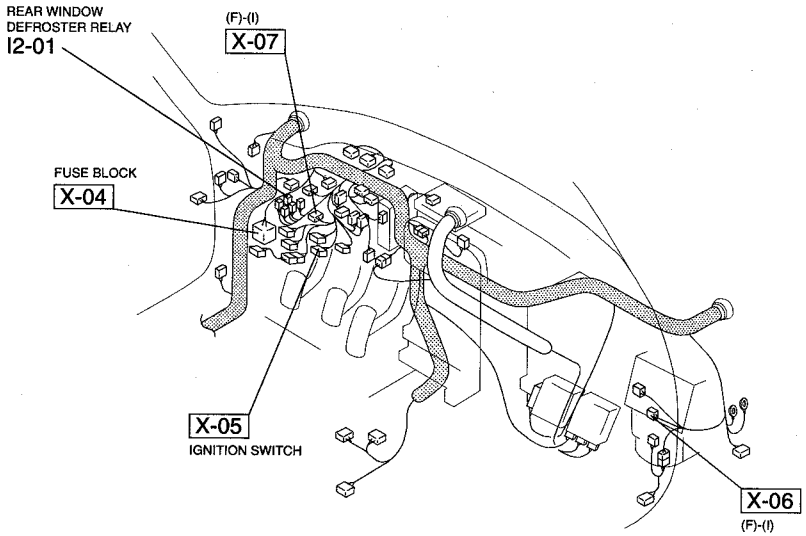

JOINT CONNECTOR
X-21
INSTRUMENT CLUSTER ILLUMINATIONS
C-01
X-07
(F)-(I)
H2-01
SHIFT-LOCK ACTUATOR ILLUMINATION

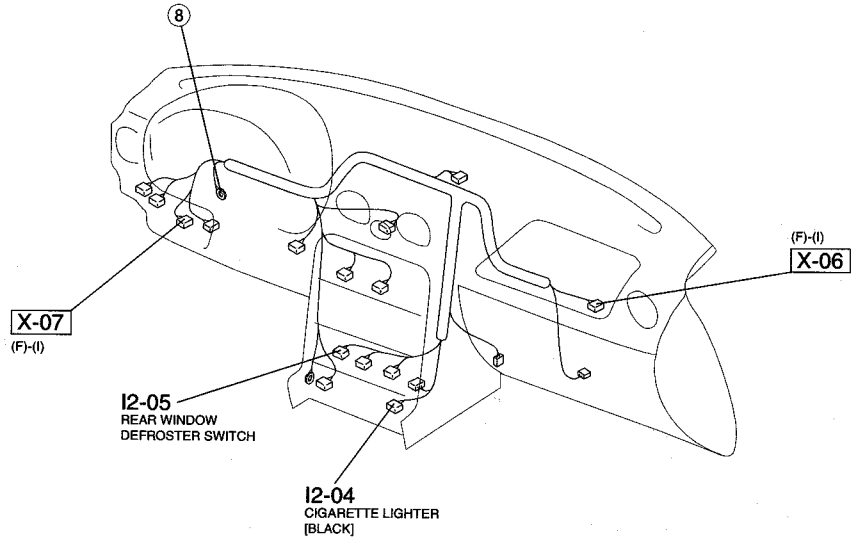
CIGARETTE LIGHTER/REAR WINDOW DEFROSTER

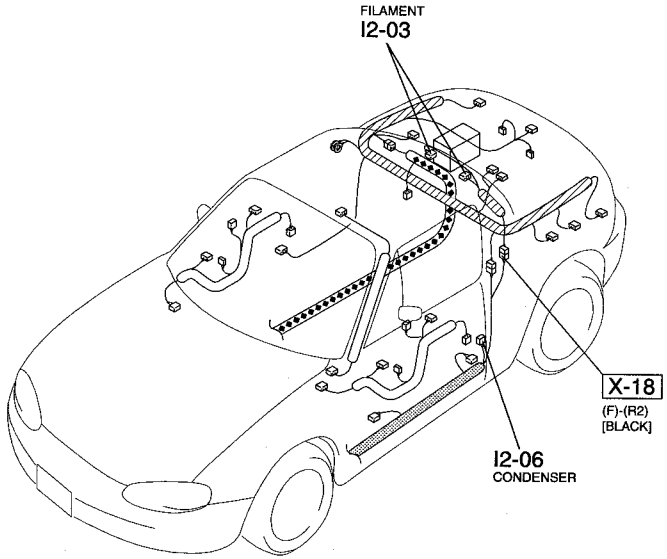


12-01 REAR WINDOW DEFROSTER RELAY(F)	12-03 FILAMENT(R2)	12-04 CIGARETTE LIGHTER (I)	12-05 REAR WINDOW DEFROSTER SWITCH(I)		12-06 CONDENSER(F)	
						

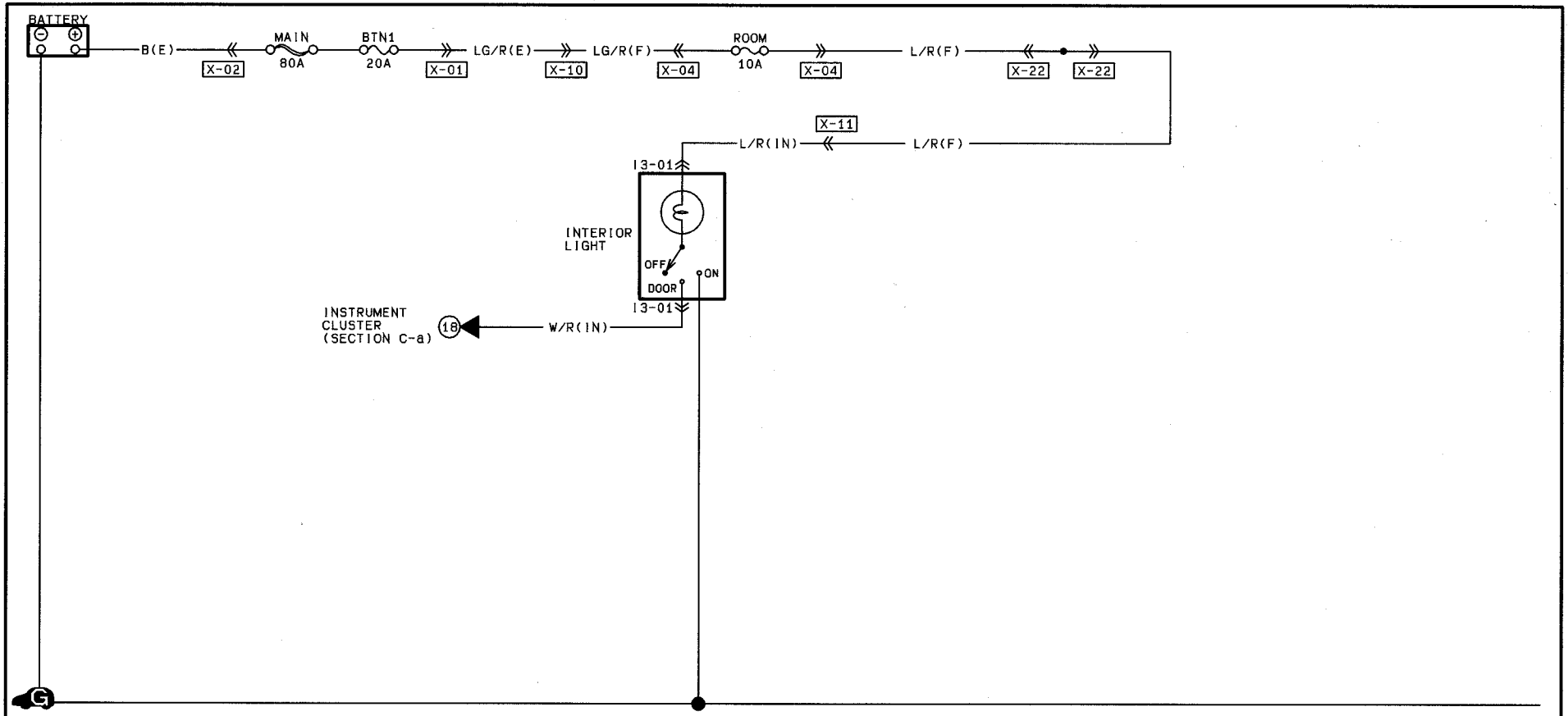

[BLACK]
MAIN FUSE BLOCK
X-03
MAIN FUSE BLOCK
X-01
(F)-(E)
X-10
MAIN FUSE
X-02
2


REAR WINDOW
DEFROSTER RELAY
I2-01
(F)-(I)
X-07
FUSE BLOCK
X-04
X-05
IGNITION SWITCH
X-06
(F)-(I)

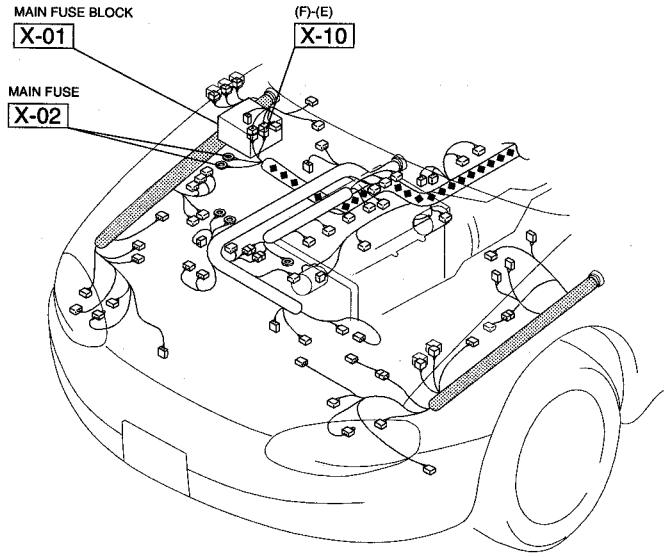

8
X-07
(F)-(I)
(F)-(I)
X-06
I2-05
REAR WINDOW
DEFROSTER SWITCH
I2-04
CIGARETTE LIGHTER
[BLACK]

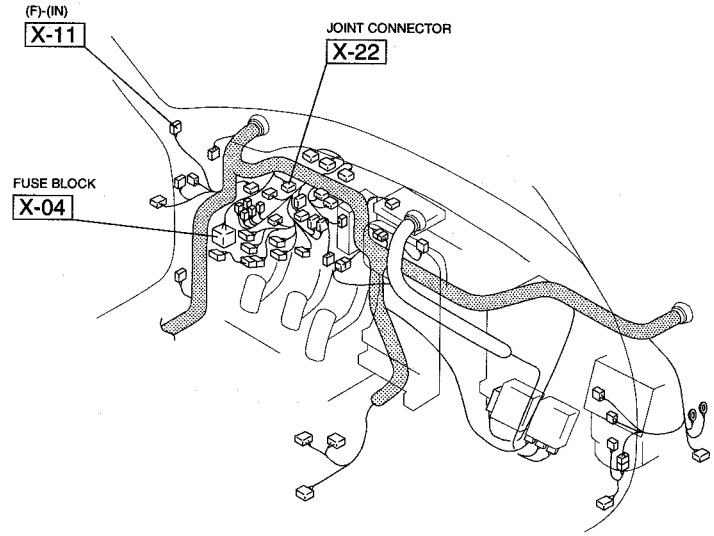

FILAMENT
I2-03
X-18
(F)-(R2)
[BLACK]
I2-06
CONDENSER

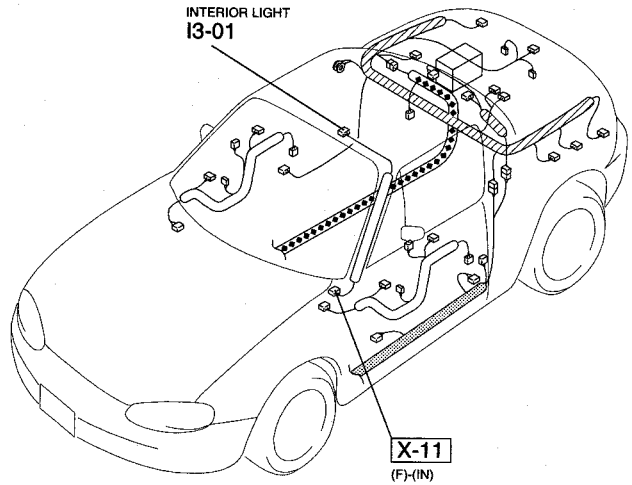
INTERIOR LIGHT



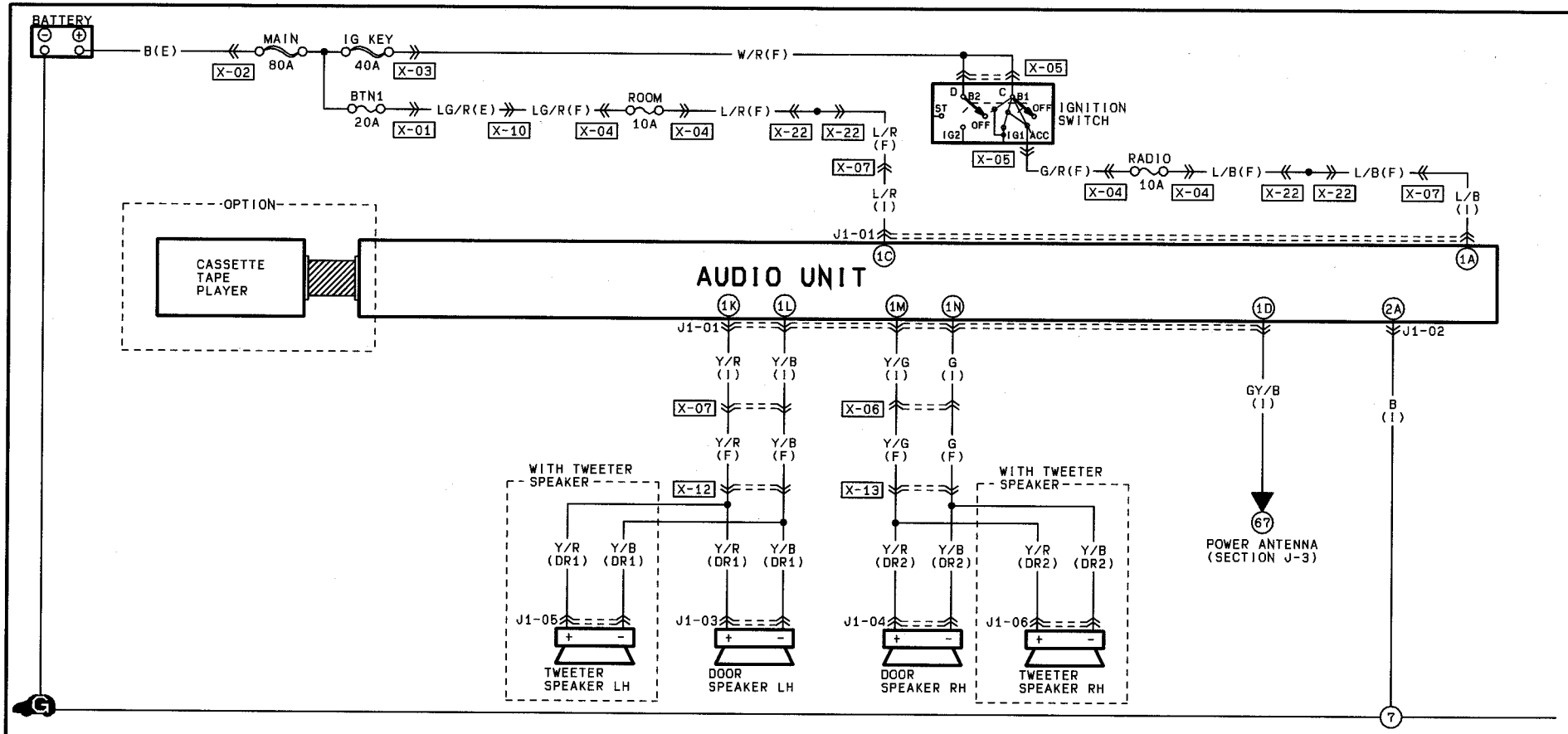
I3-01 INTERIOR LIGHT(IN) L/R W/R						


MAIN FUSE BLOCK
X-01
(F)-(E)
X-10
MAIN FUSE
X-02

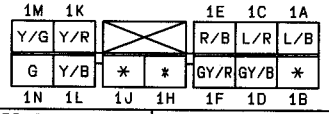

(F)-(IN)
X-11
JOINT CONNECTOR
X-22
FUSE BLOCK
X-04


INTERIOR LIGHT
I3-01
X-11
(F)-(IN)

AUDIO SYSTEM (NORMAL AUDIO)



J1-01 AUDIO UNIT(I)

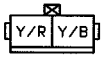


J1-02 AUDIO UNIT(I)

J1-03 DOOR SPEAKER LH(DR1)

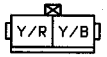
J1-04 DOOR SPEAKER RH(DR2)

J1-05 TWEETER SPEAKER LH (DR1)

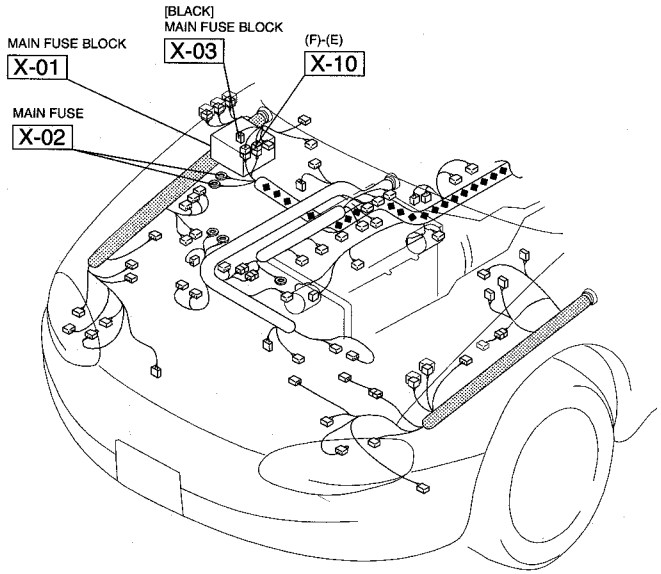


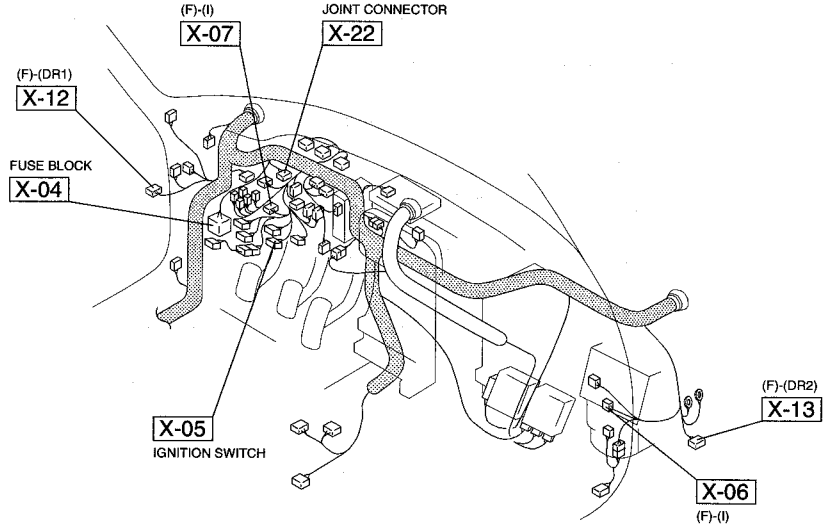
(WITH TWEETER SPEAKER)

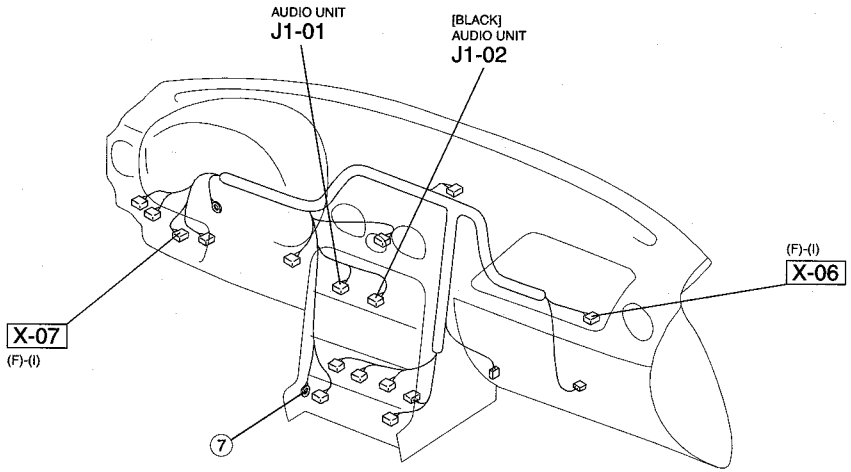
J1-06 TWEETER SPEAKER RH (DR2)

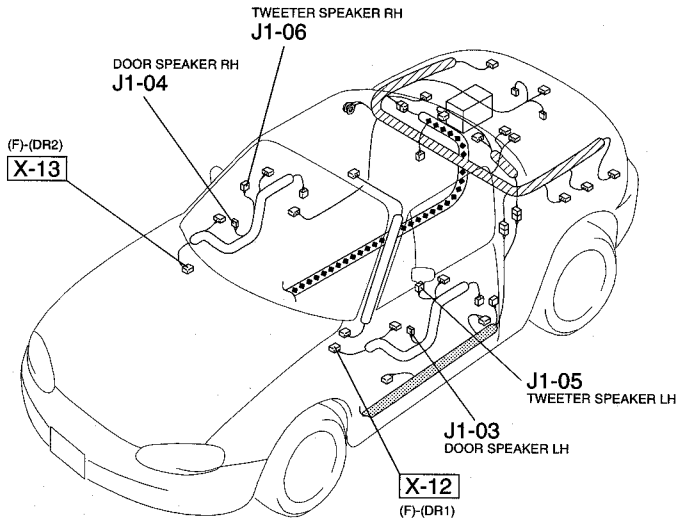


(WITH TWEETER SPEAKER)

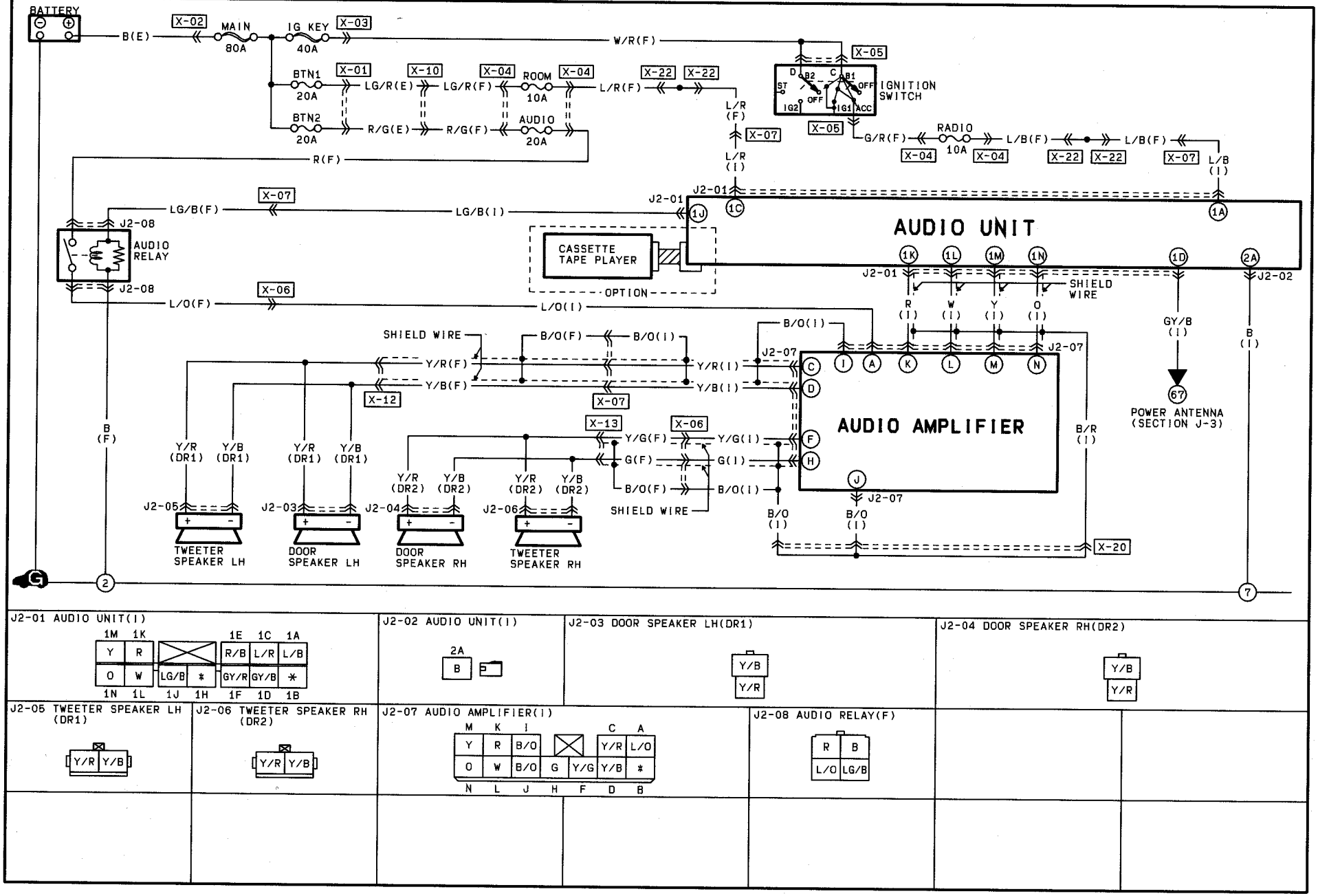

[BLACK]
MAIN FUSE BLOCK
X-03
MAIN FUSE BLOCK
X-01
(F)-(E)
X-10
MAIN FUSE
X-02


(F)-(I)
X-07
JOINT CONNECTOR
X-22
(F)-(DR1)
X-12
FUSE BLOCK
X-04
X-05
IGNITION SWITCH
(F)-(DR2)
X-13
X-06
(F)-(I)


AUDIO UNIT
J1-01
[BLACK]
AUDIO UNIT
J1-02
(F)-(I)
X-06
X-07
(F)-(I)
7


TWEETER SPEAKER RH
J1-06
DOOR SPEAKER RH
J1-04
(F)-(DR2)
X-13
J1-05
TWEETER SPEAKER LH
J1-03
DOOR SPEAKER LH
X-12
(F)-(DR1)

AUDIO SYSTEM (BOSE AUDIO)



J2-01 AUDIO UNIT(I)

J2-02 AUDIO UNIT(I)

J2-03 DOOR SPEAKER LH(DR1)

J2-04 DOOR SPEAKER RH(DR2)

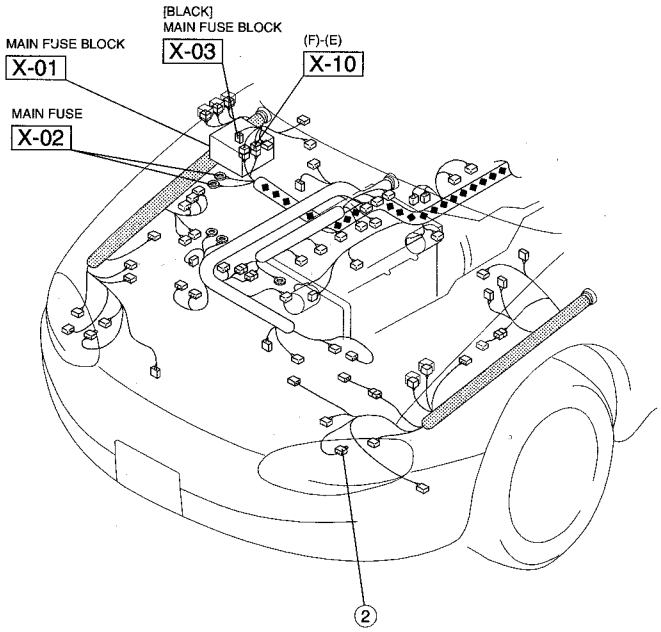
J2-05 TWEETER SPEAKER LH (DR1)

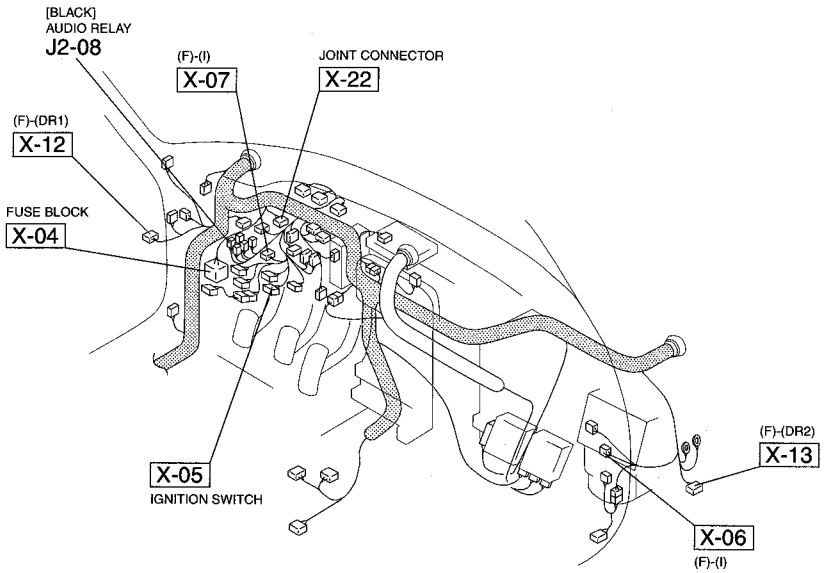
J2-06 TWEETER SPEAKER RH (DR2)

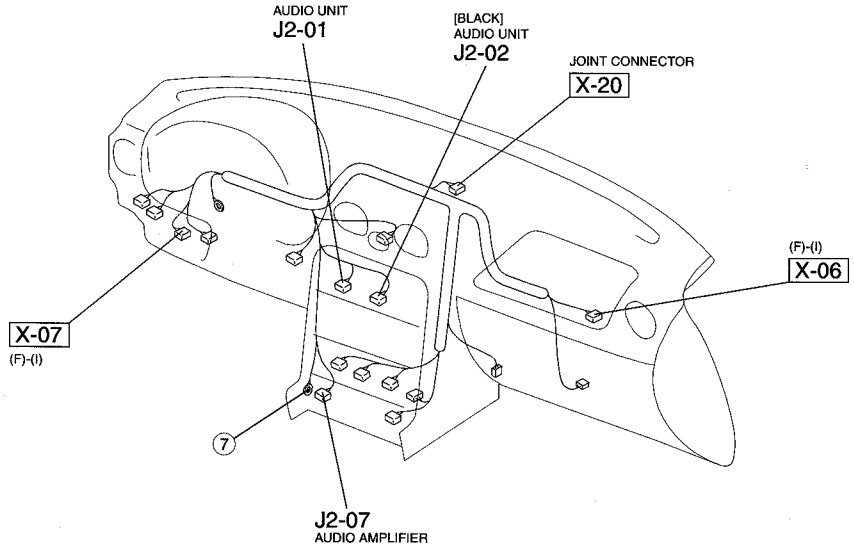
J2-07 AUDIO AMPLIFIER(I)

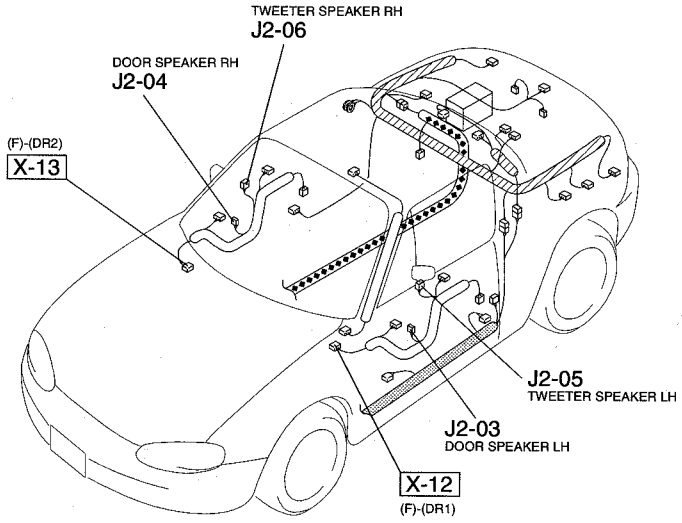
J2-08 AUDIO RELAY(F)

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

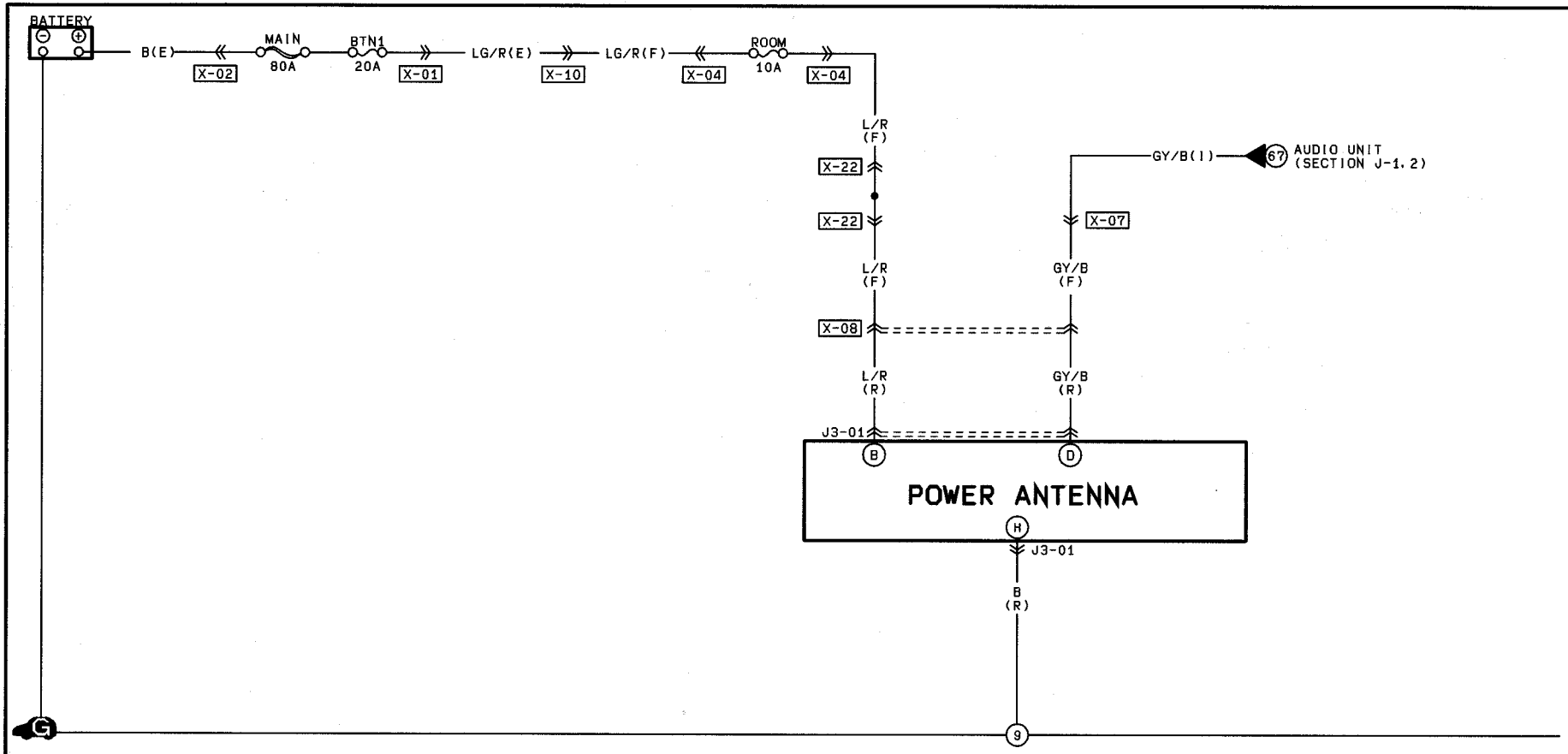






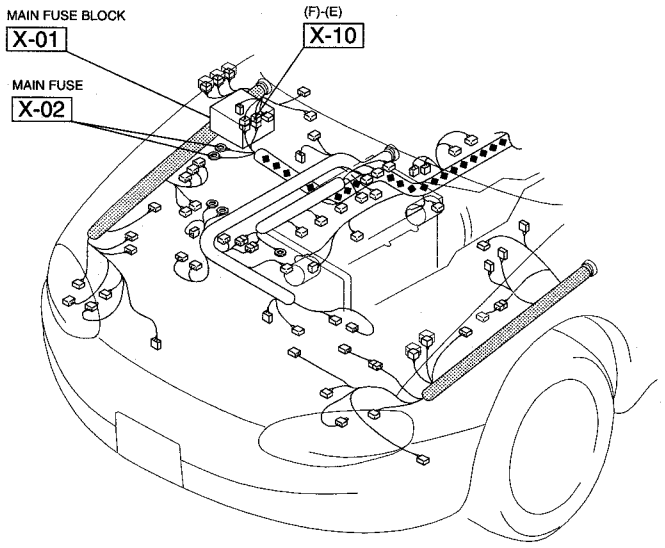


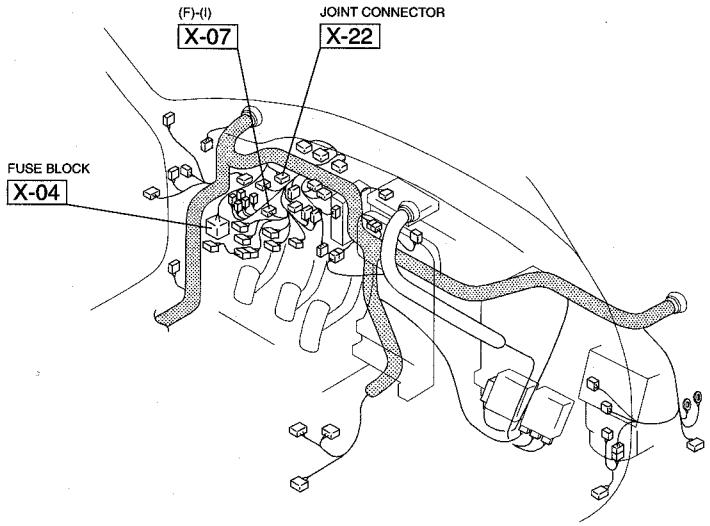
POWER ANTENNA

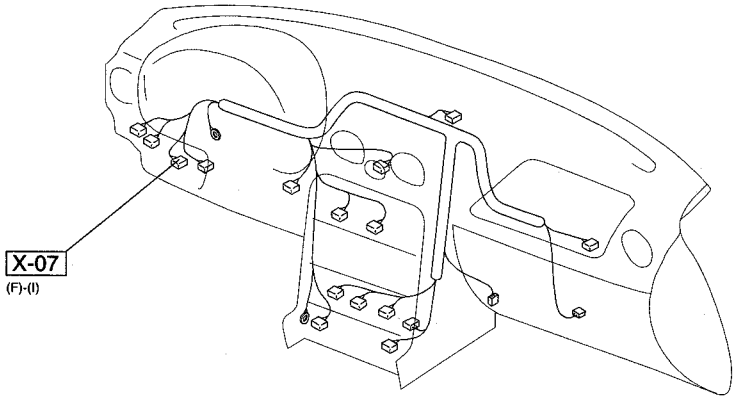


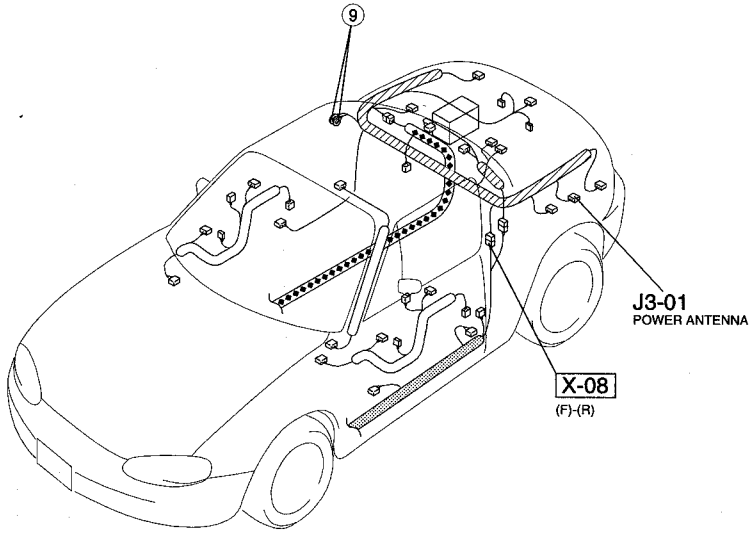
J3-01 POWER ANTENNA(R)

G		A
*		*
B	*	GY/B	L/R
H	F	D	B

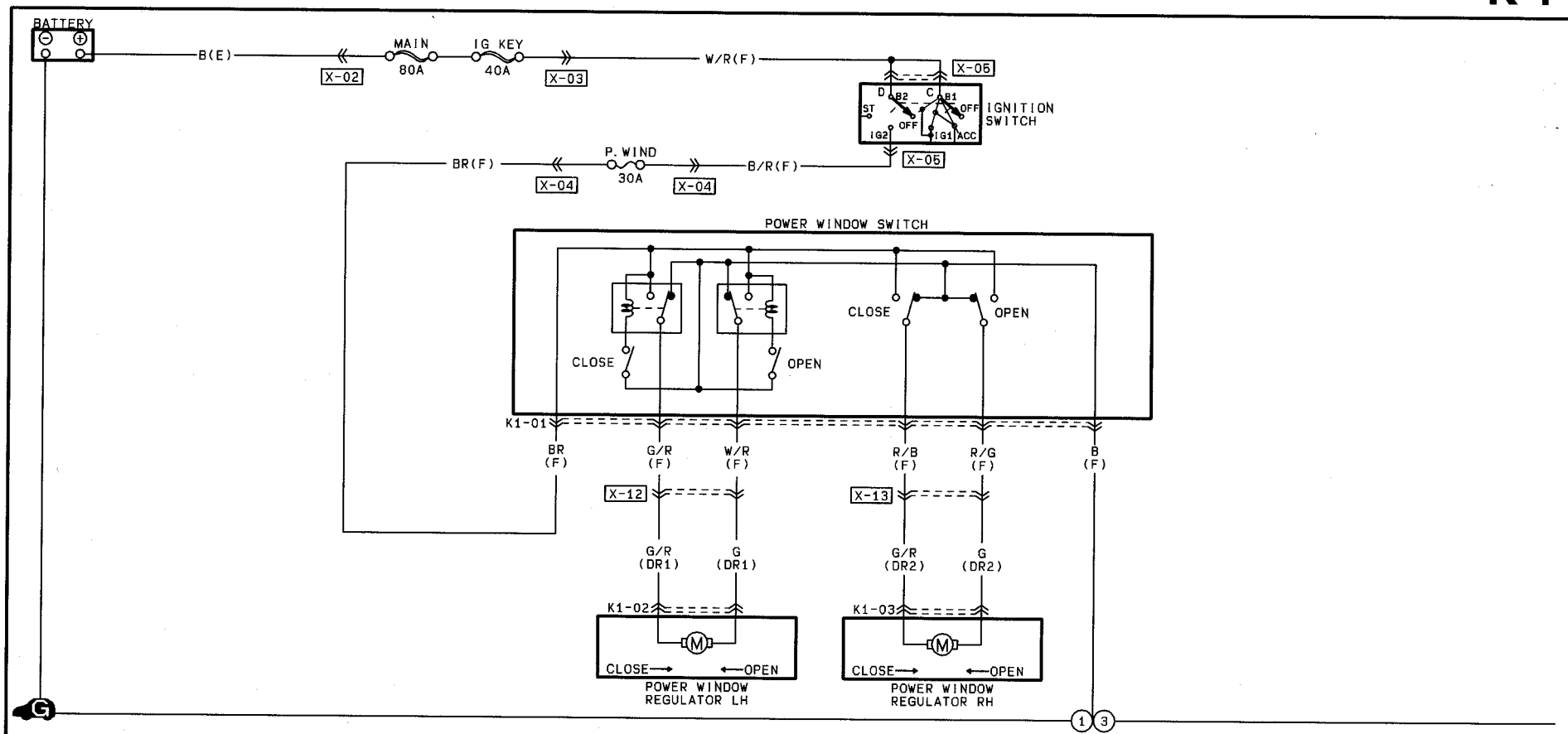

MAIN FUSE BLOCK
X-01
(F)-(E)
X-10
MAIN FUSE
X-02


(F)-(I)
X-07
JOINT CONNECTOR
X-22
FUSE BLOCK
X-04

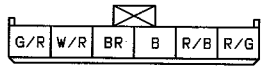

X-07
(F)-(I)


9
J3-01
POWER ANTENNA
X-08
(F)-(R)

POWER WINDOWS

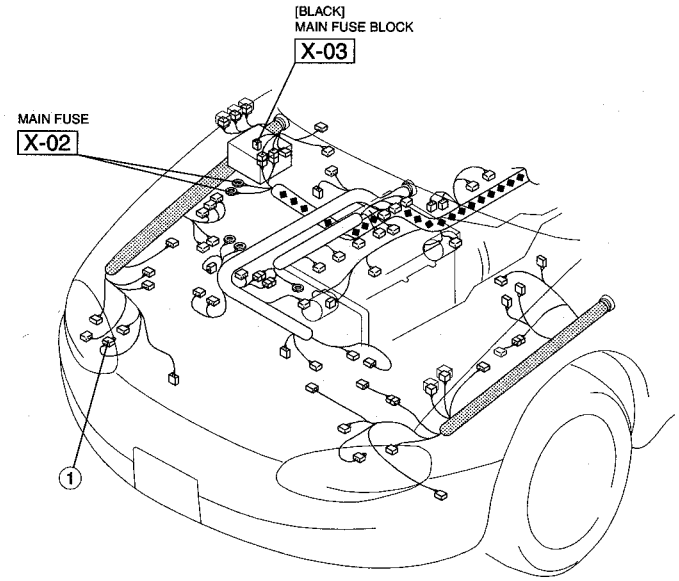


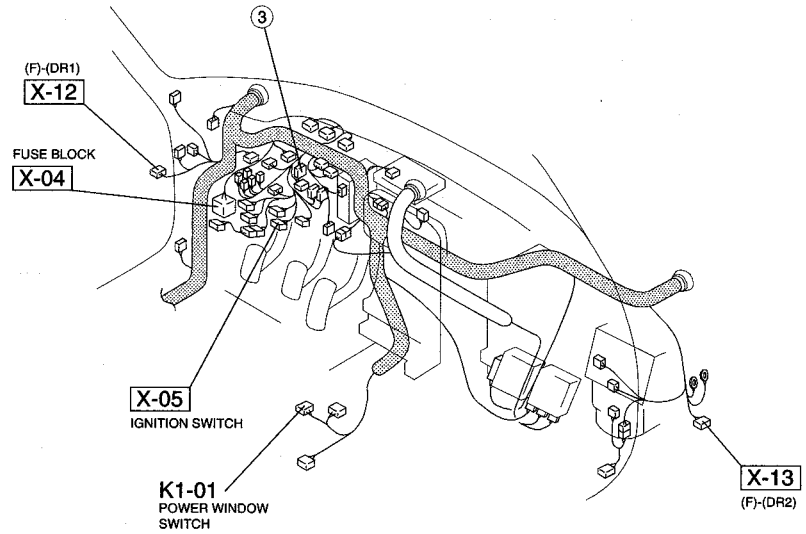
K1-01 POWER WINDOW SWITCH(F)

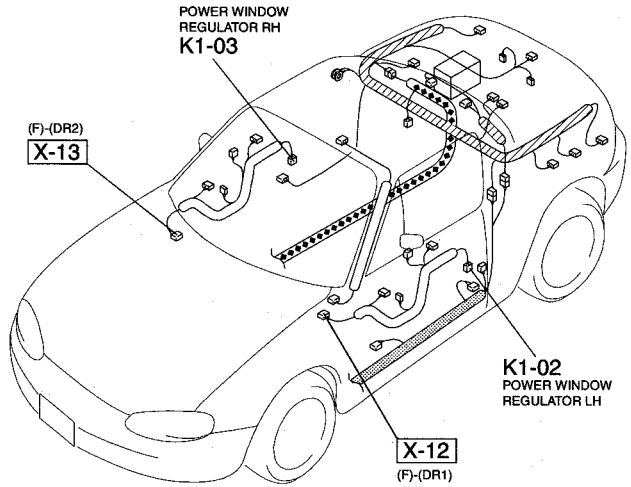


K1-02 POWER WINDOW REGULATOR LH(DR1)

K1-03 POWER WINDOW REGULATOR RH(DR2)

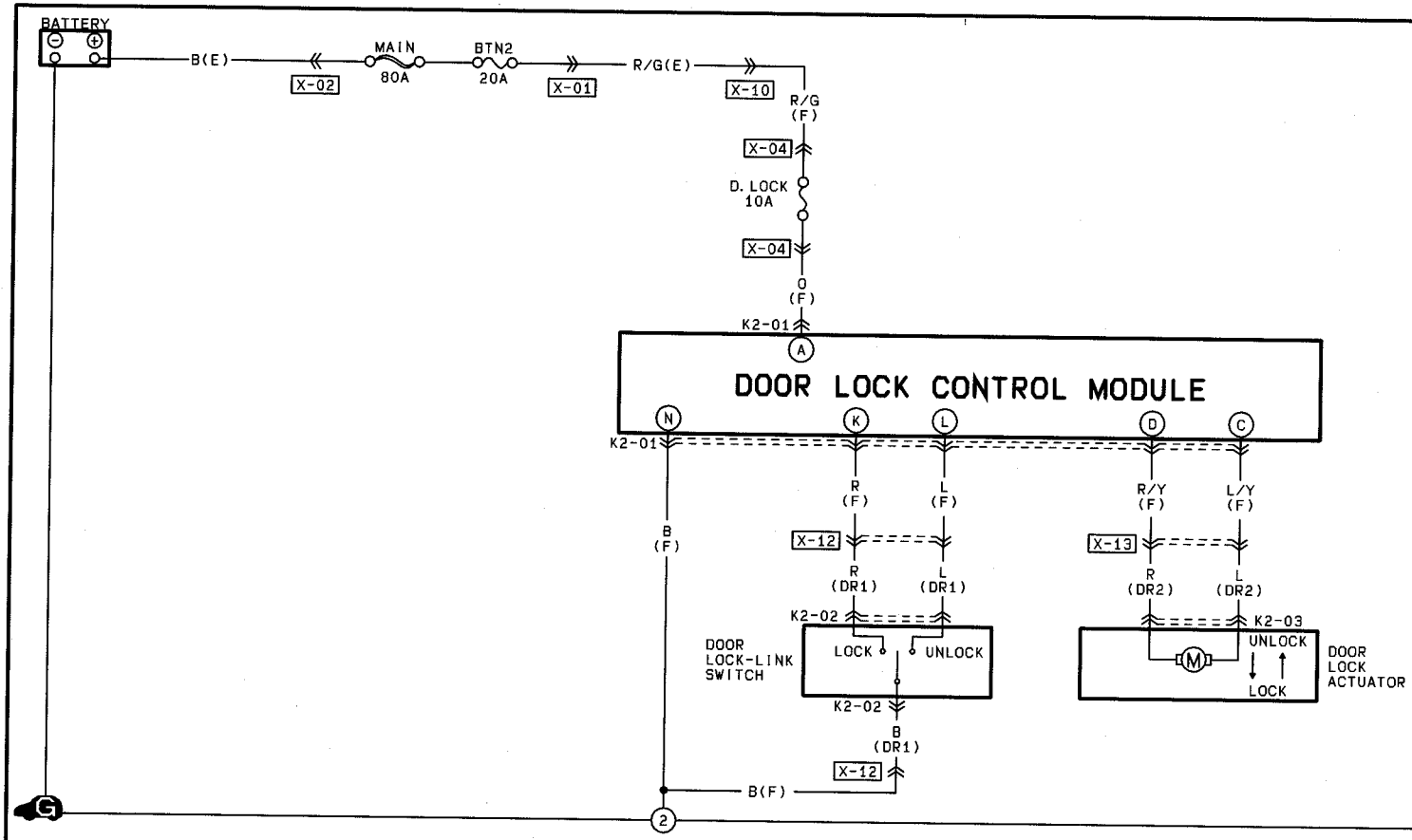

[BLACK]
MAIN FUSE BLOCK
X-03
MAIN FUSE
X-02
1

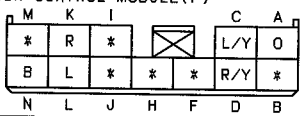
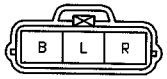
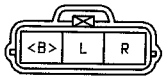

3
(F)-(DR1)
X-12
FUSE BLOCK
X-04
X-05
IGNITION SWITCH
K1-01
POWER WINDOW
SWITCH
X-13
(F)-(DR2)

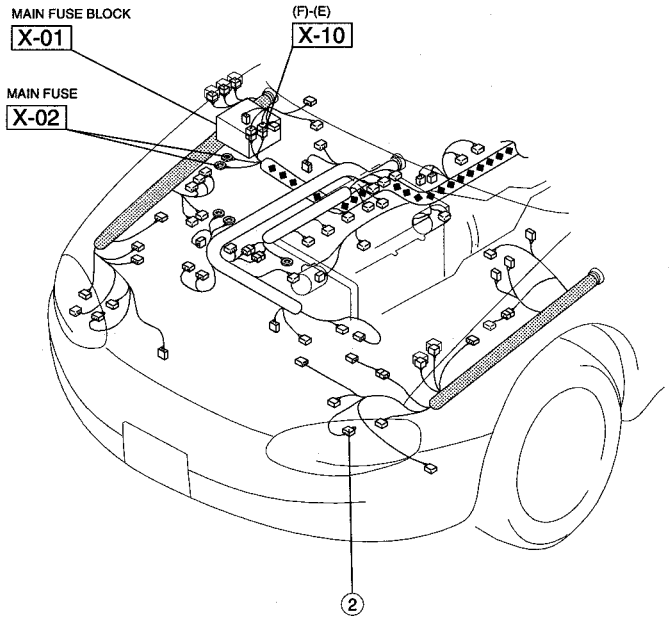

POWER WINDOW
REGULATOR RH
K1-03
(F)-(DR2)
X-13
K1-02
POWER WINDOW
REGULATOR LH
X-12
(F)-(DR1)

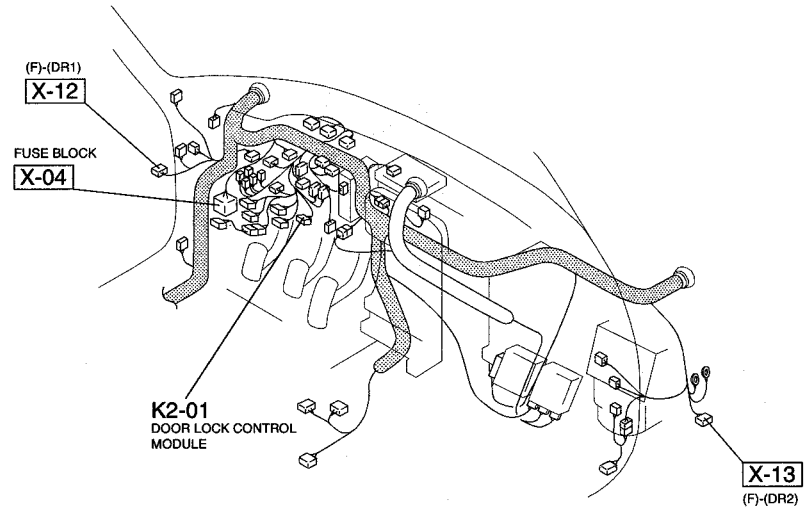
POWER DOOR LOCK SYSTEM

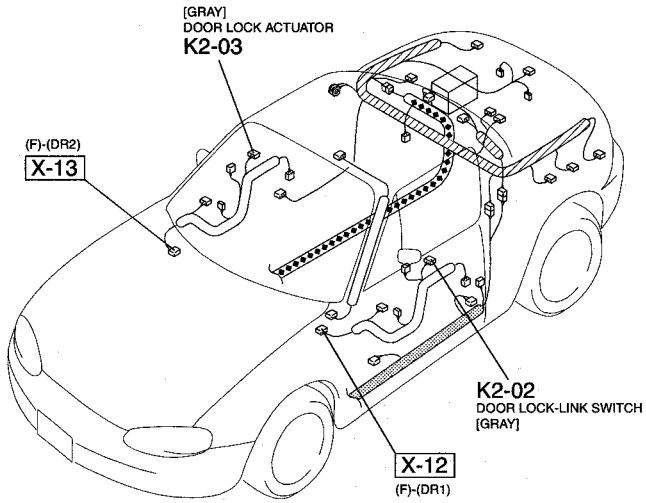
< > NOT USED



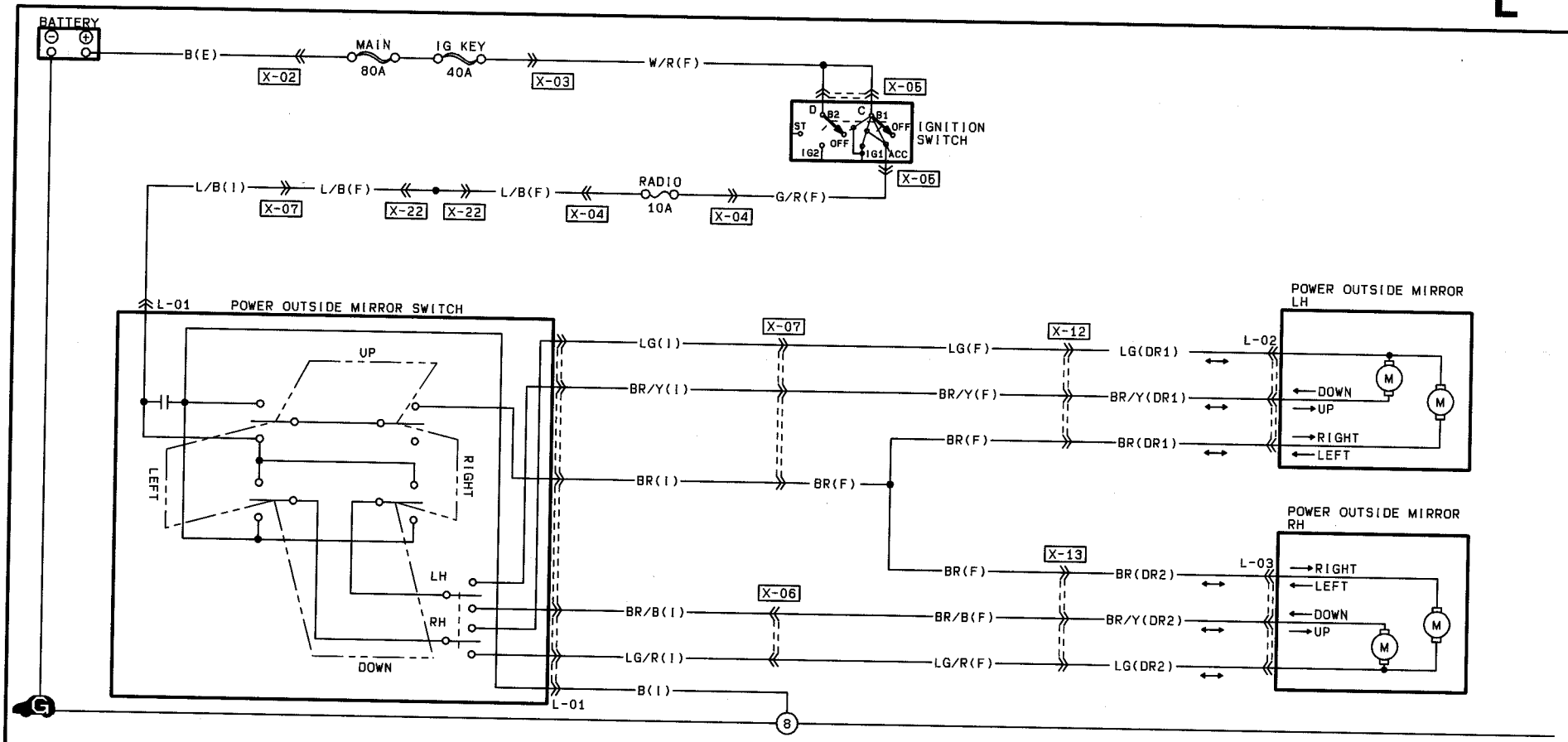
K2-01 DOOR LOCK CONTROL MODULE(F)	K2-02 DOOR LOCK-LINK SWITCH(DR1)	K2-03 DOOR LOCK ACTUATOR (DR2)			
					


MAIN FUSE BLOCK
X-01
(F)-(E)
X-10
MAIN FUSE
X-02
2


(F)-(DR1)
X-12
FUSE BLOCK
X-04
K2-01
DOOR LOCK CONTROL MODULE
X-13
(F)-(DR2)


[GRAY]
DOOR LOCK ACTUATOR
K2-03
(F)-(DR2)
X-13
K2-02
DOOR LOCK-LINK SWITCH
[GRAY]
X-12
(F)-(DR1)

POWER OUTSIDE MIRRORS



L-01 POWER OUTSIDE MIRROR SWITCH(I)

L/B		LG/R	LG
B	BR	BR/B	BR/Y

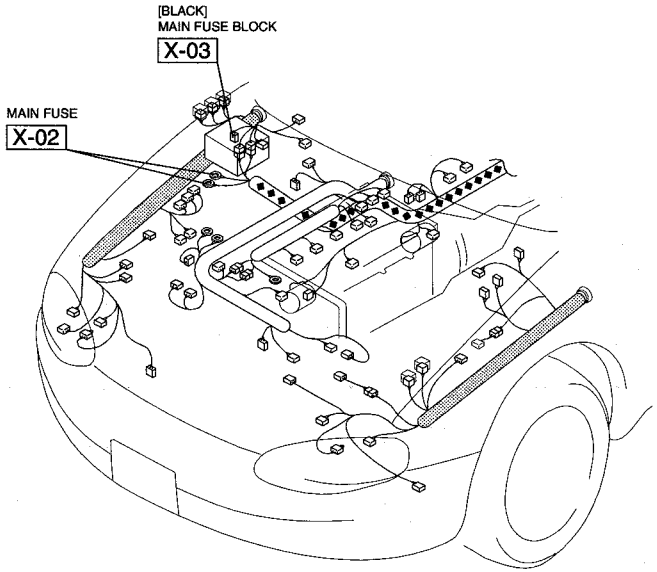
L-02 POWER OUTSIDE MIRROR LH(DR1)

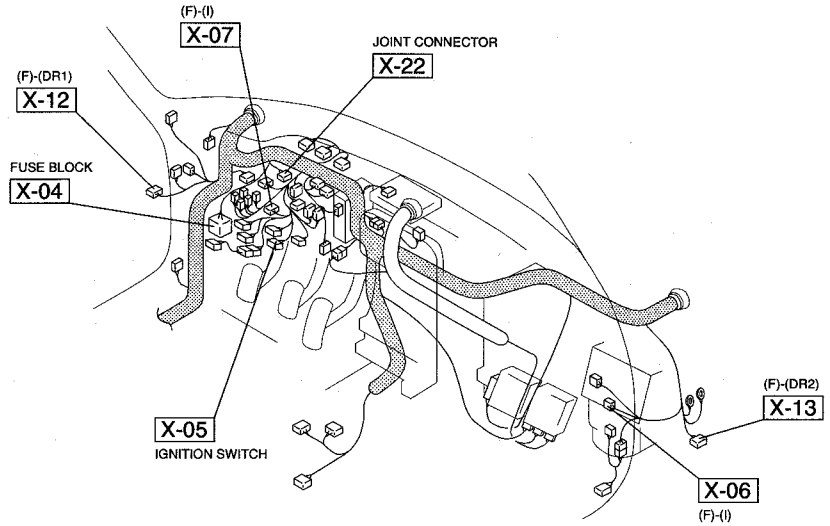
*	*	*
BR	LG	BR/Y

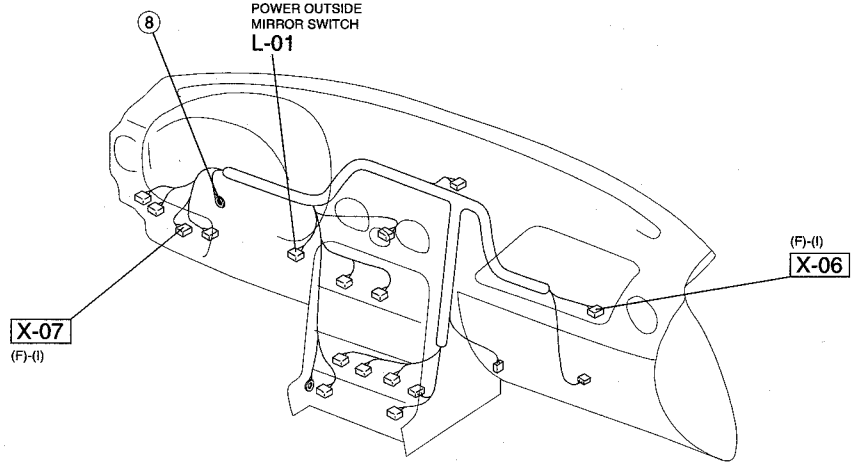
L-03 POWER OUTSIDE MIRROR RH(DR2)

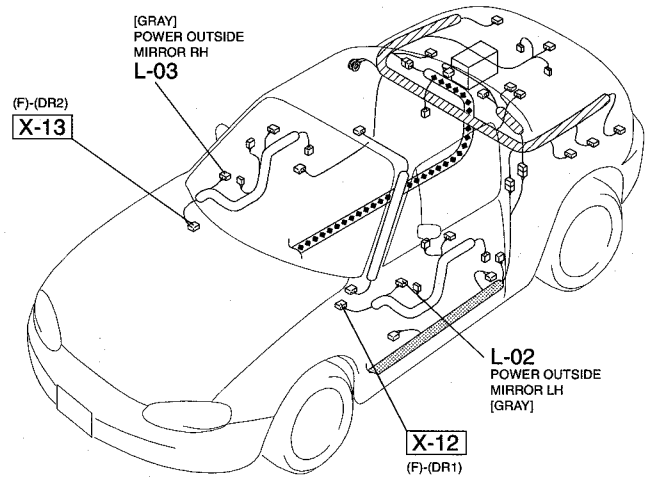
*	*	*
BR	LG	BR/Y

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

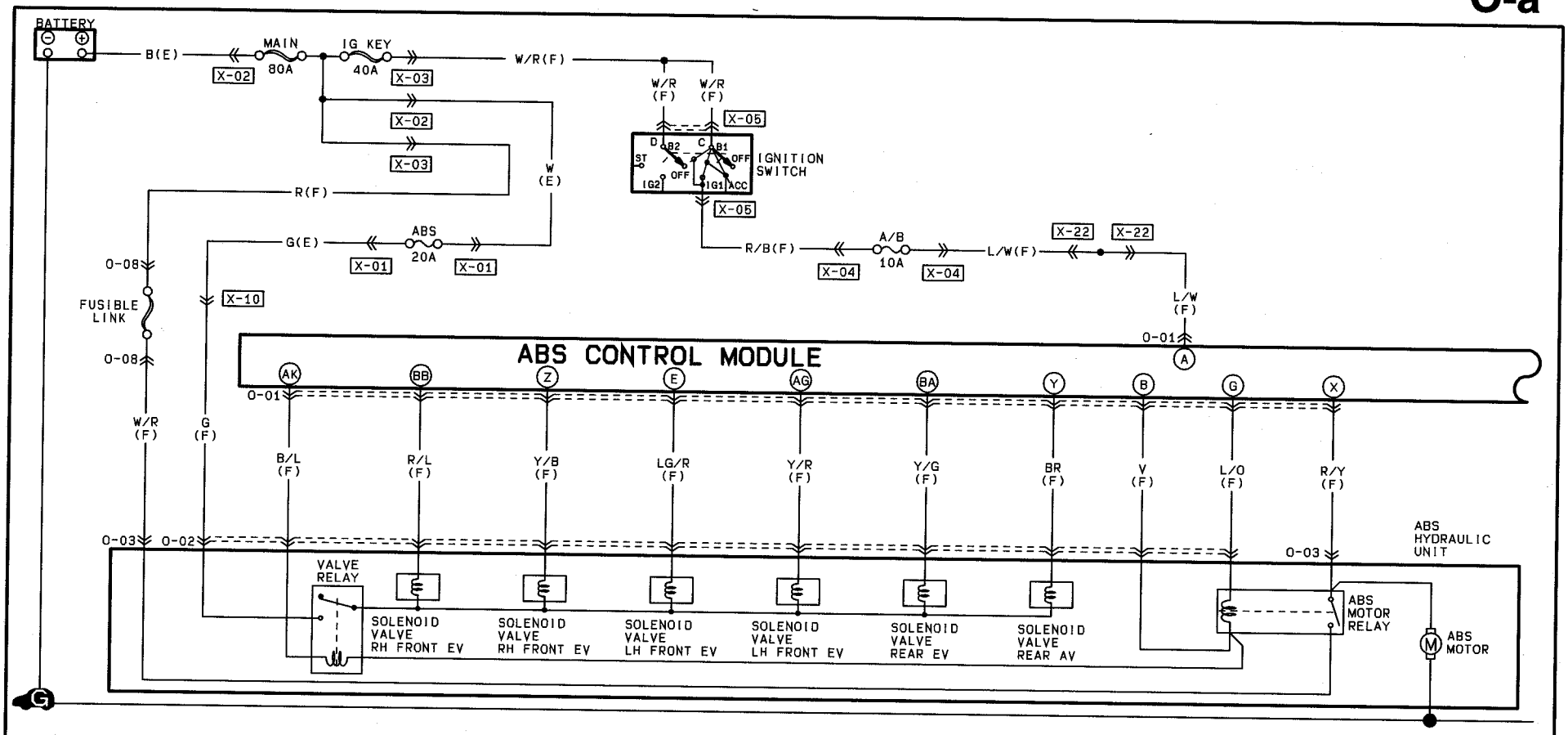




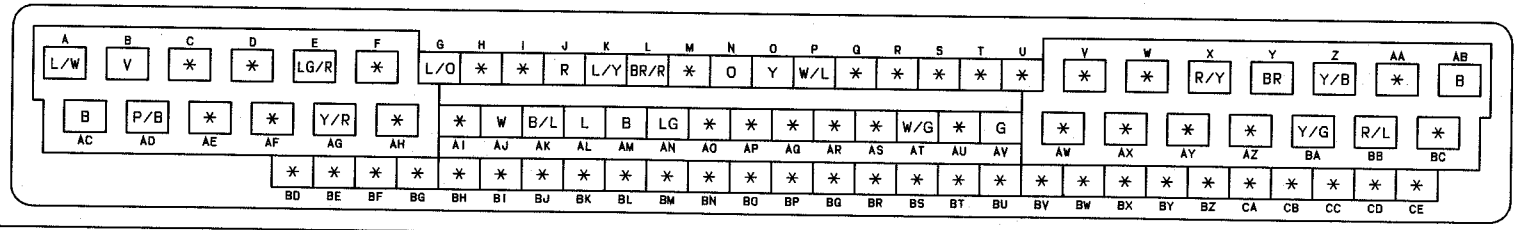




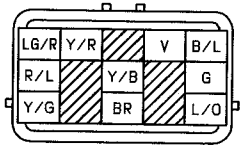
ANTILOCK BRAKE SYSTEM



O-01 ABS CONTROL MODULE(F)

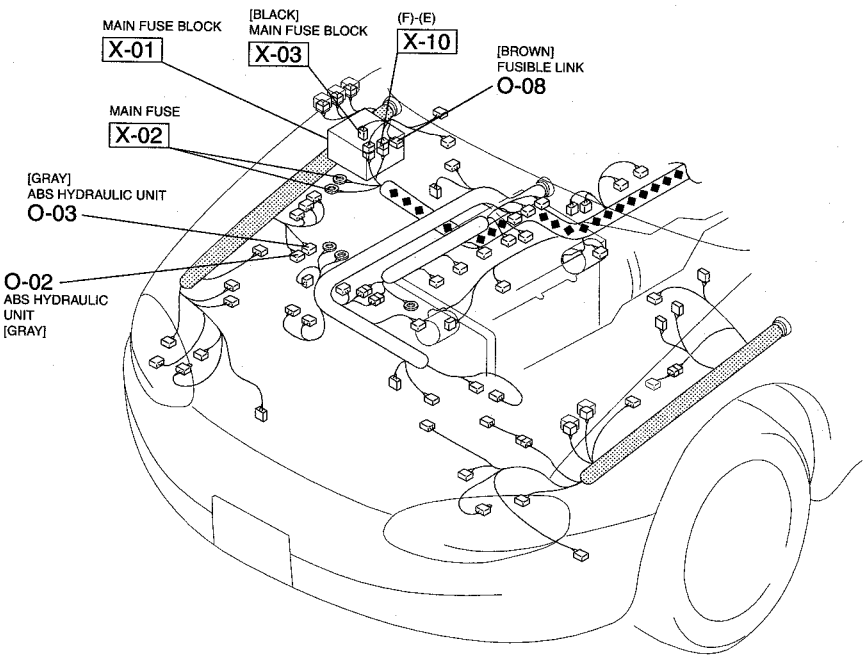


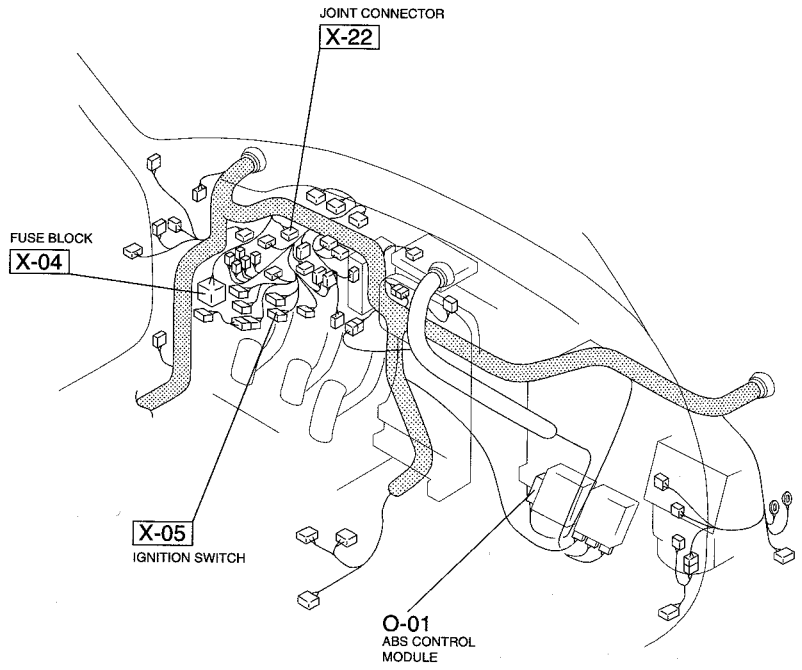
O-02 ABS HYDRAULIC UNIT (F)



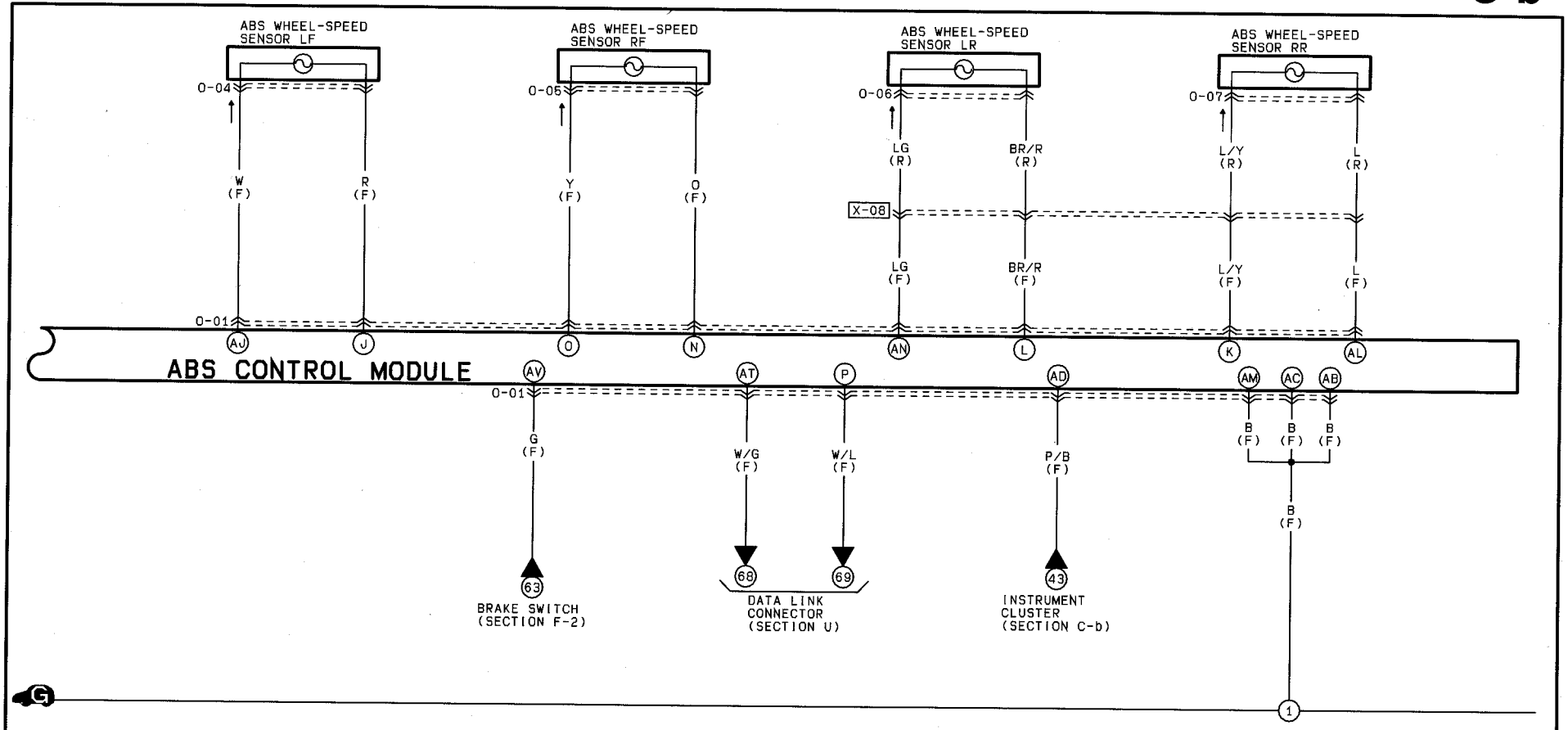
O-03 ABS HYDRAULIC UNIT(F)

O-08 FUSIBLE LINK(F)

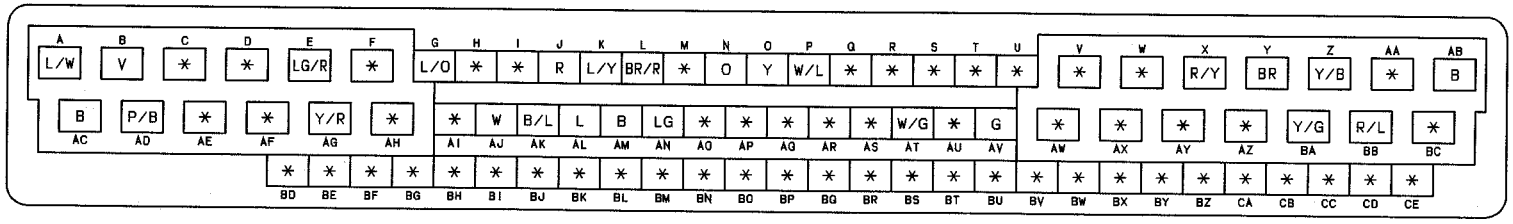

MAIN FUSE BLOCK
X-01
[BLACK]
MAIN FUSE BLOCK
X-03
(F)-(E)
X-10
[BROWN]
FUSIBLE LINK
O-08
MAIN FUSE
X-02
[GRAY]
ABS HYDRAULIC UNIT
O-03
O-02
ABS HYDRAULIC
UNIT
[GRAY]


JOINT CONNECTOR
X-22
FUSE BLOCK
X-04
X-05
IGNITION SWITCH
O-01
ABS CONTROL
MODULE

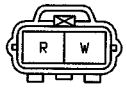
O-a



O-01 ABS CONTROL MODULE(F)



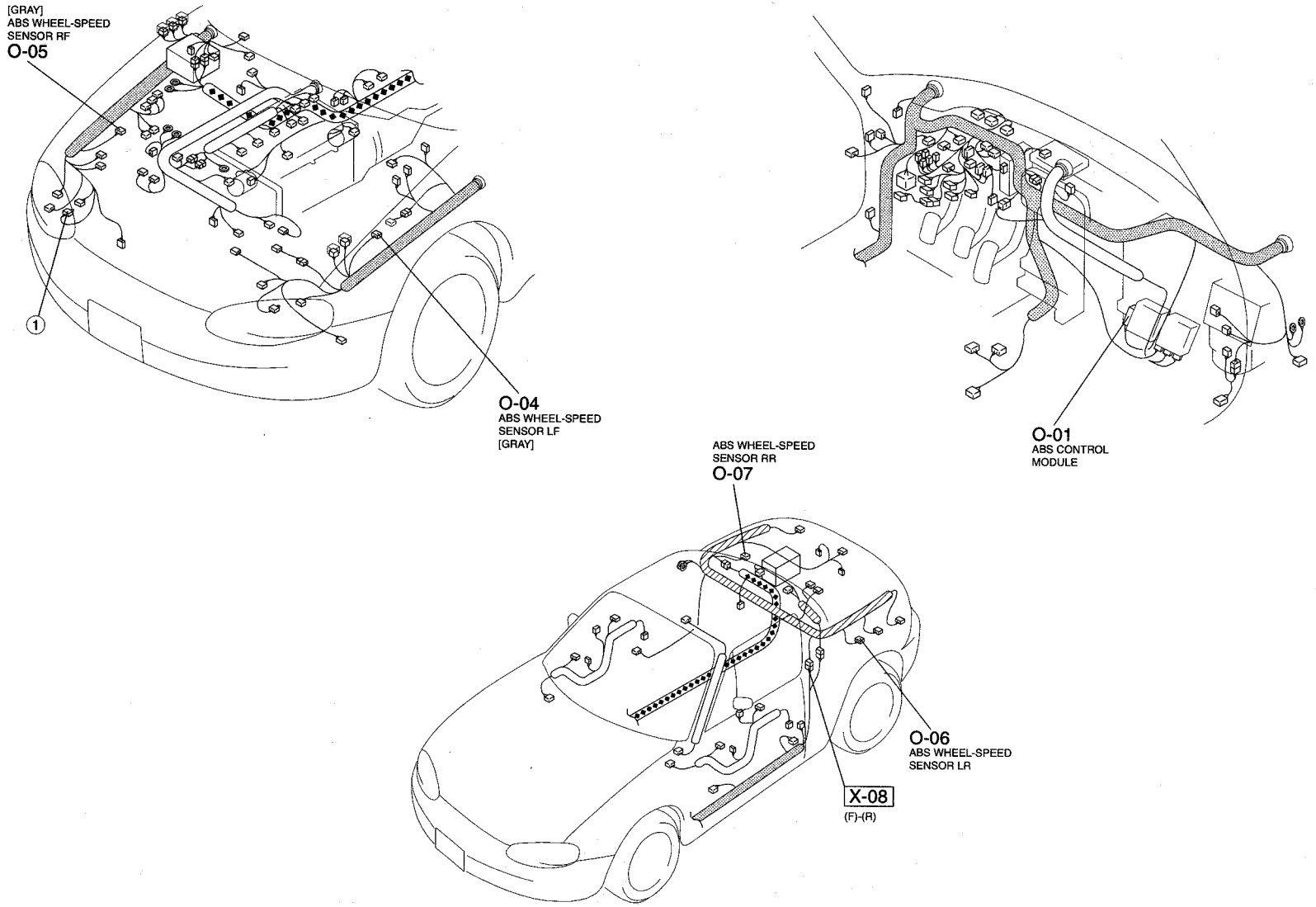
O-04 ABS WHEEL-SPEED SENSOR LF(F)



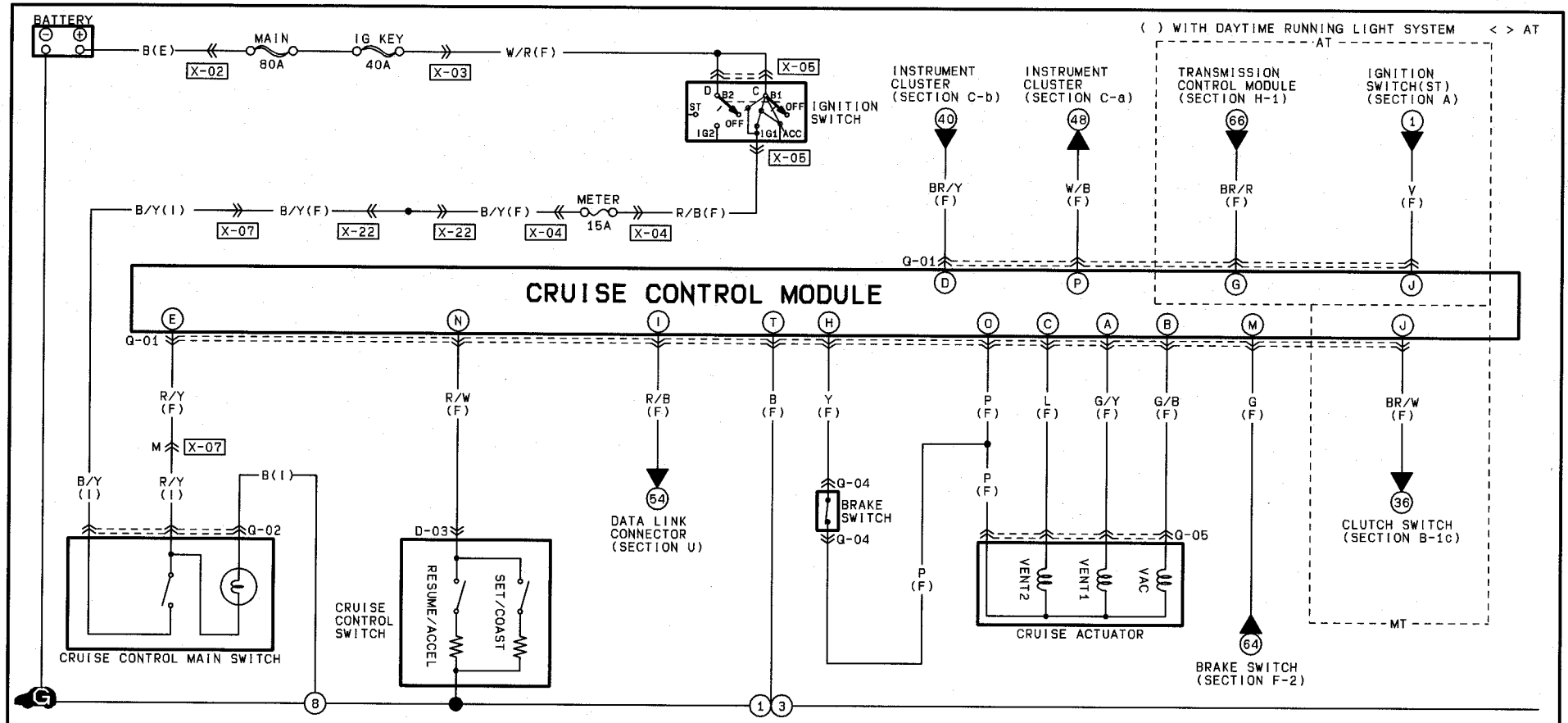
O-05 ABS WHEEL-SPEED SENSOR RF(F)

O-06 ABS WHEEL-SPEED SENSOR LR(R)

O-07 ABS WHEEL-SPEED SENSOR RR(R)


[GRAY]
ABS WHEEL-SPEED
SENSOR RF
O-05
1
O-04
ABS WHEEL-SPEED
SENSOR LF
[GRAY]
O-01
ABS CONTROL
MODULE
ABS WHEEL-SPEED
SENSOR RR
O-07
O-06
ABS WHEEL-SPEED
SENSOR LR
X-08
(F)-(R)

CRUISE CONTROL SYSTEM



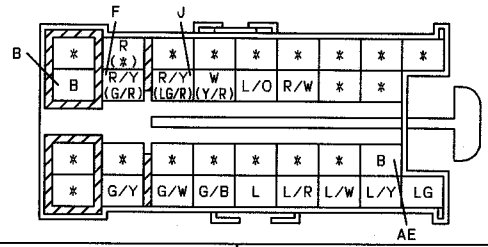
Q-01 CRUISE CONTROL MODULE(F)

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

Q-02 CRUISE CONTROL MAIN SWITCH(I)

GY/R	*			*	R/B
R/G	P/L	R	B/Y	R/Y	B

D-03 CRUISE CONTROL SWITCH(F)

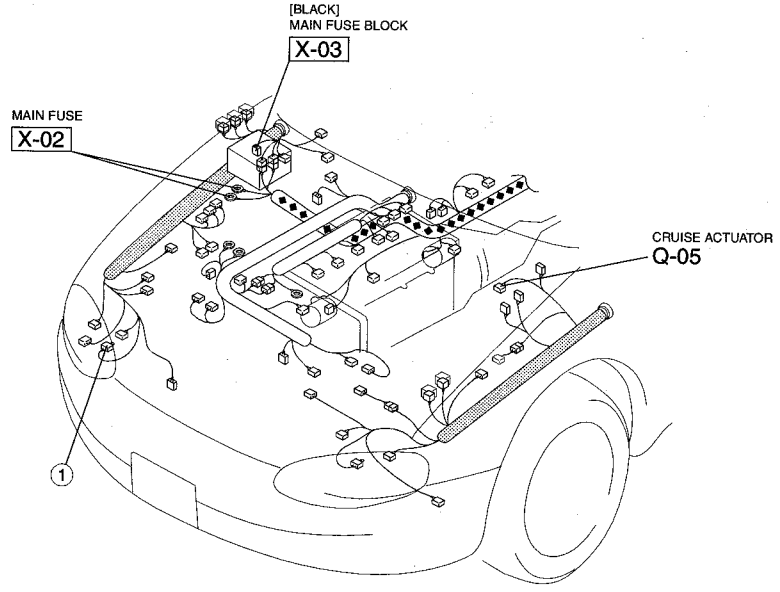


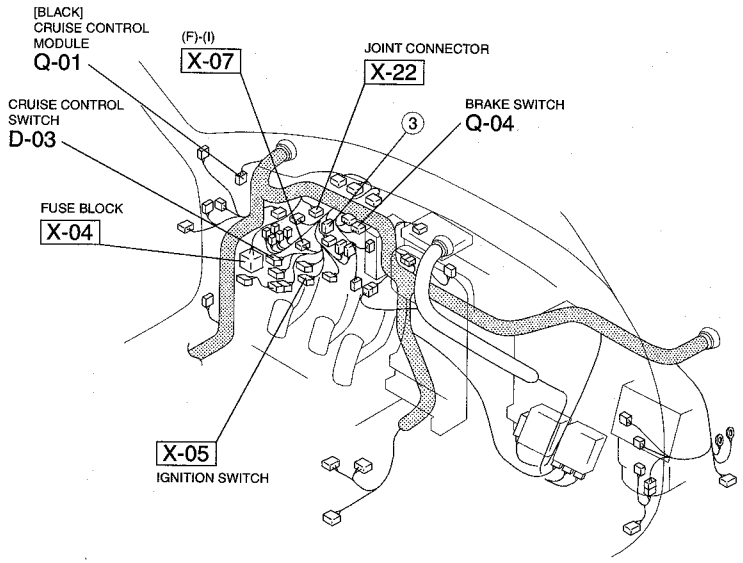
Q-04 BRAKE SWITCH(F)

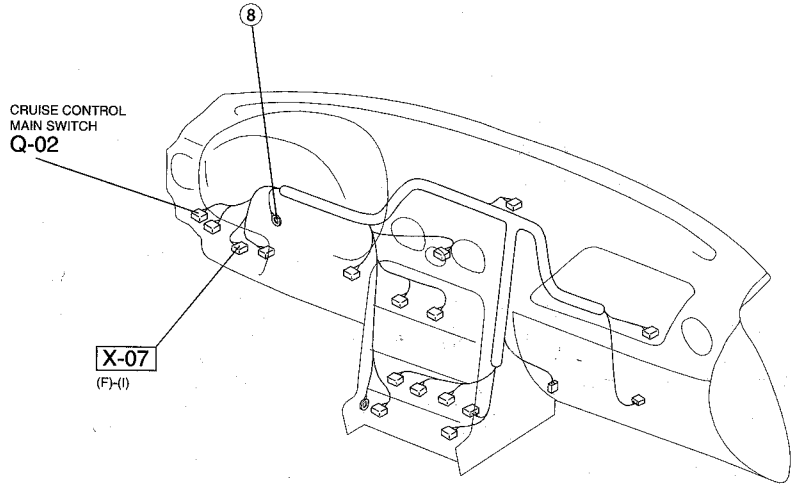
P	Y

Q-05 CRUISE ACTUATOR(F)

P	L
G/Y	G/B


[BLACK]
MAIN FUSE BLOCK
X-03
MAIN FUSE
X-02
CRUISE ACTUATOR
Q-05
1


[BLACK]
CRUISE CONTROL
MODULE
Q-01
(F)-(I)
X-07
JOINT CONNECTOR
X-22
CRUISE CONTROL
SWITCH
D-03
BRAKE SWITCH
Q-04
3
FUSE BLOCK
X-04
X-05
IGNITION SWITCH

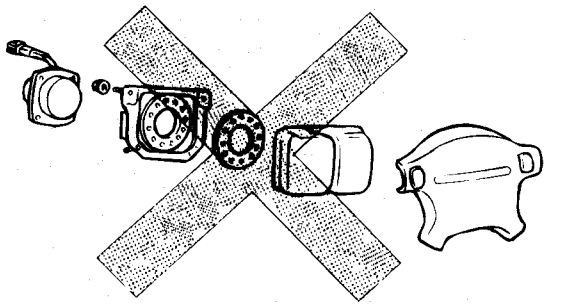

8
CRUISE CONTROL
MAIN SWITCH
Q-02
X-07
(F)-(I)

AIR BAG SYSTEM

AIR BAG SYSTEM SERVICE WARNINGS

Component Disassembly

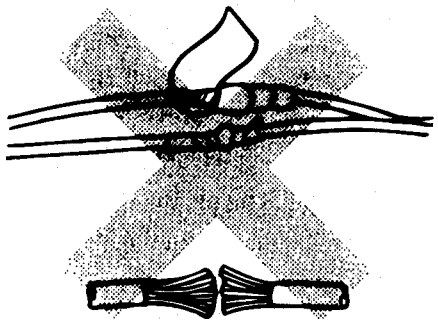
- **Disassembling and reassembling the components of the air bag system can render the system inoperative, which may result in serious injury or death in the event of an accident. Do not disassemble any air bag system component.**



X5U810WAW3

Wiring Harness Repair

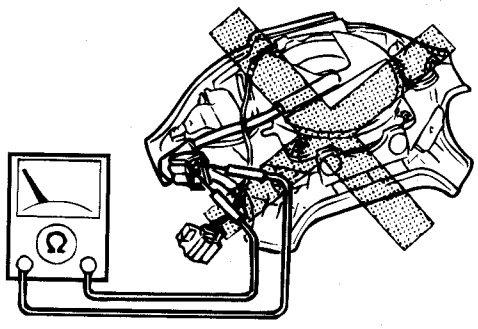
- **Incorrectly repairing an air bag system wiring harness can accidentally deploy the air bag module, which can cause serious injury. If a problem is found in the system wiring, replace the wiring harness. Do not try to repair it.**



X5U810WA4

Air Bag Module Inspection

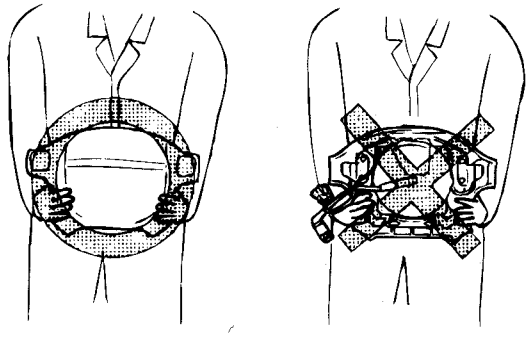
- **Inspecting the air bag module by using an ohmmeter can deploy the air bag module, which may cause serious injury. Do not use an ohmmeter to inspect the air bag module. Always use the on-board diagnostic function to diagnose the air bag for malfunctions. (Refer to *(0802) DIAGNOSTIC TROUBLE CODE TABLE [AIR BAG SYSTEM]*.)**



X5U810WA0

Air Bag Module Handling

- **A live (undeployed) air bag module may accidentally deploy when it is handled and cause serious injury. When carrying a live (undeployed) air bag module, point the front surface away from your body to lessen the chance of injury in case it deploys.**

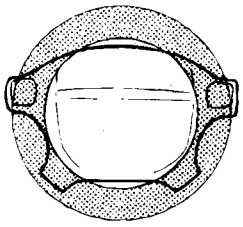


RIGHT WRONG

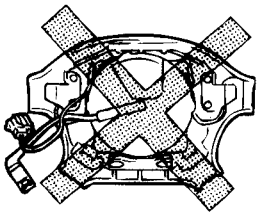
X5U810WA1

*The references in this section can be found in Workshop Manual[1662-10-99G(1999-7)]

- A live (undeployed) air bag module placed face down on a surface is dangerous. If the air bag module deploys, the motion of the module can cause serious injury. Always face the front surface up to reduce the motion of the module in case it accidentally deploys.



RIGHT



WRONG

X5U810WA2

SAS Control Module Handling

- Disconnecting the SAS control module connector or removing the SAS control module with the ignition switch at ON can cause the air bag modules to deploy, which may seriously injure you. Before disconnecting the SAS control module connector or removing the SAS control module, turn the ignition switch to LOCK, then disconnect the negative battery cable and wait for more than 1 minute to allow the backup power supply of the SAS control module to deplete its stored power.
- Connecting the SAS control module connector without firmly installing the SAS control module to the vehicle is dangerous. The crash sensor inside the control module may send an electrical signal to the air bag modules. This will deploy the air bag modules, which may result in serious injury. Therefore, before connecting the connector, firmly mount the control module to the vehicle.
- For vehicles with a single point sensor, once an air bag is deployed due to an accident or other causes, the SAS control module must be replaced with a new one even if the used one does not have any external signs of damage. The used SAS control module may have been damaged internally which may cause improper operation, resulting in major injuries or even death. The used single point SAS control module cannot be bench-checked or self-checked.

Component Handling

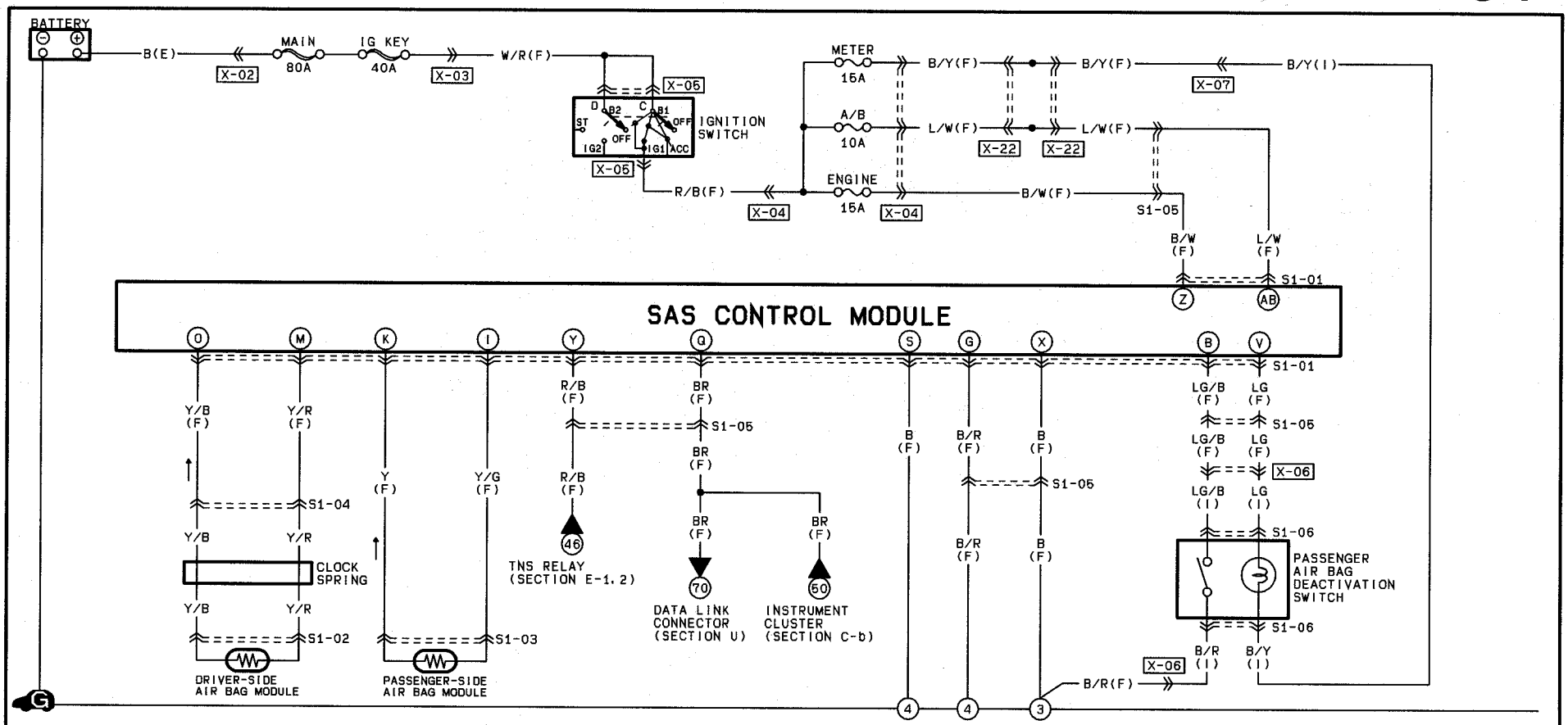
- Oil, grease, water, etc. on components may cause the air bag to fail to deploy in an accident, which may cause serious injury. Do not allow oil, grease, water, etc. on components.
- Inserting a screwdriver, etc. into the connector of the air bag module may damage the connector and cause the air bag module to deploy improperly, which may cause serious injury. Do not insert any foreign objects into the connector.

Component Reusing

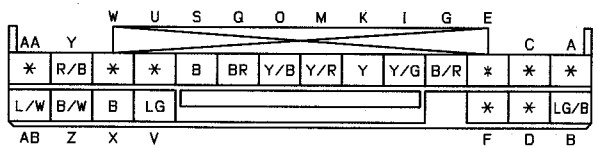
- Once an air bag module is deployed due to an accident or other causes, even if it does not have any external signs of damage, the air bag module may have been damaged internally which may cause improper operation. The improper operation may cause serious injury. Always self-check the undamaged air bag module to determine whether it can be reused. (Refer to *(0802) DIAGNOSTIC TROUBLE CODE TABLE [AIR BAG SYSTEM].*)
-

*The references in this section can be found in Workshop Manual[1662-10-99G(1999-7)]

AIR BAG SYSTEM

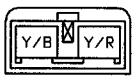


S1-01 SAS CONTROL MODULE(F)

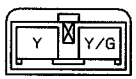


S1-02 DRIVER-SIDE AIR BAG MODULE

(CLOCK SPRING)

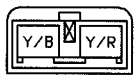


S1-03 PASSENGER-SIDE AIR BAG MODULE(F)



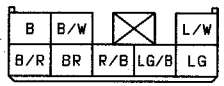
S1-04 FRONT(F)-CLOCK SPRING

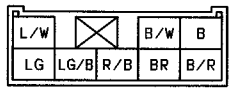
(F)



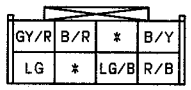
(CLOCK SPRING)

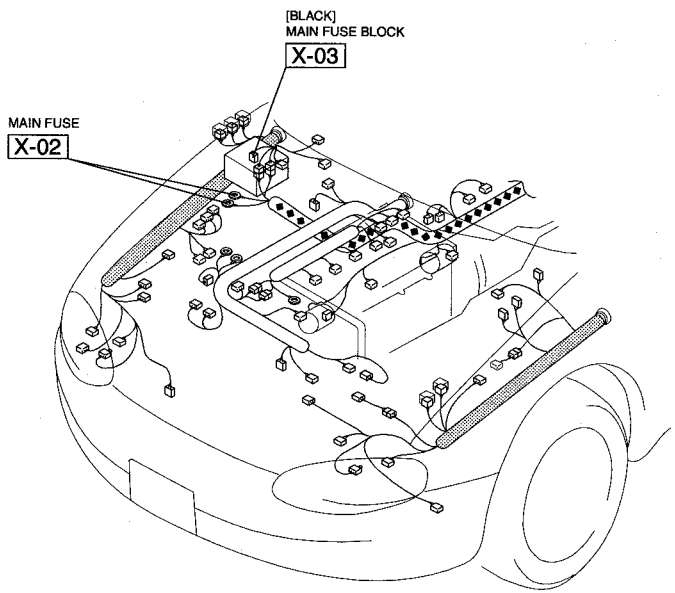
S1-05 SHORT CONNECTOR(F)

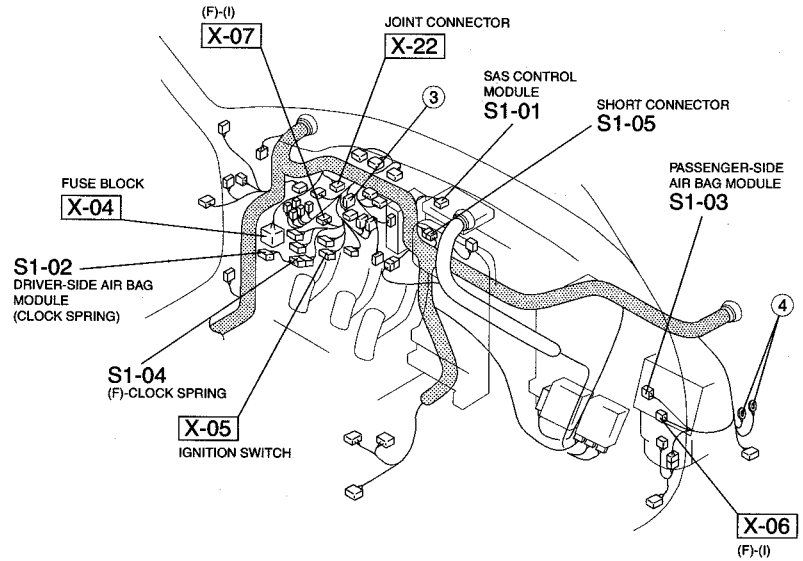


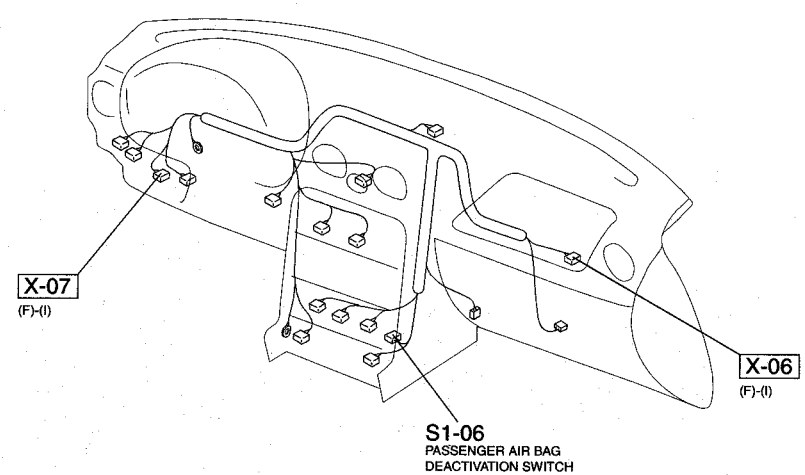


S1-06 PASSENGER AIR BAG DEACTIVATION SWITCH(I)

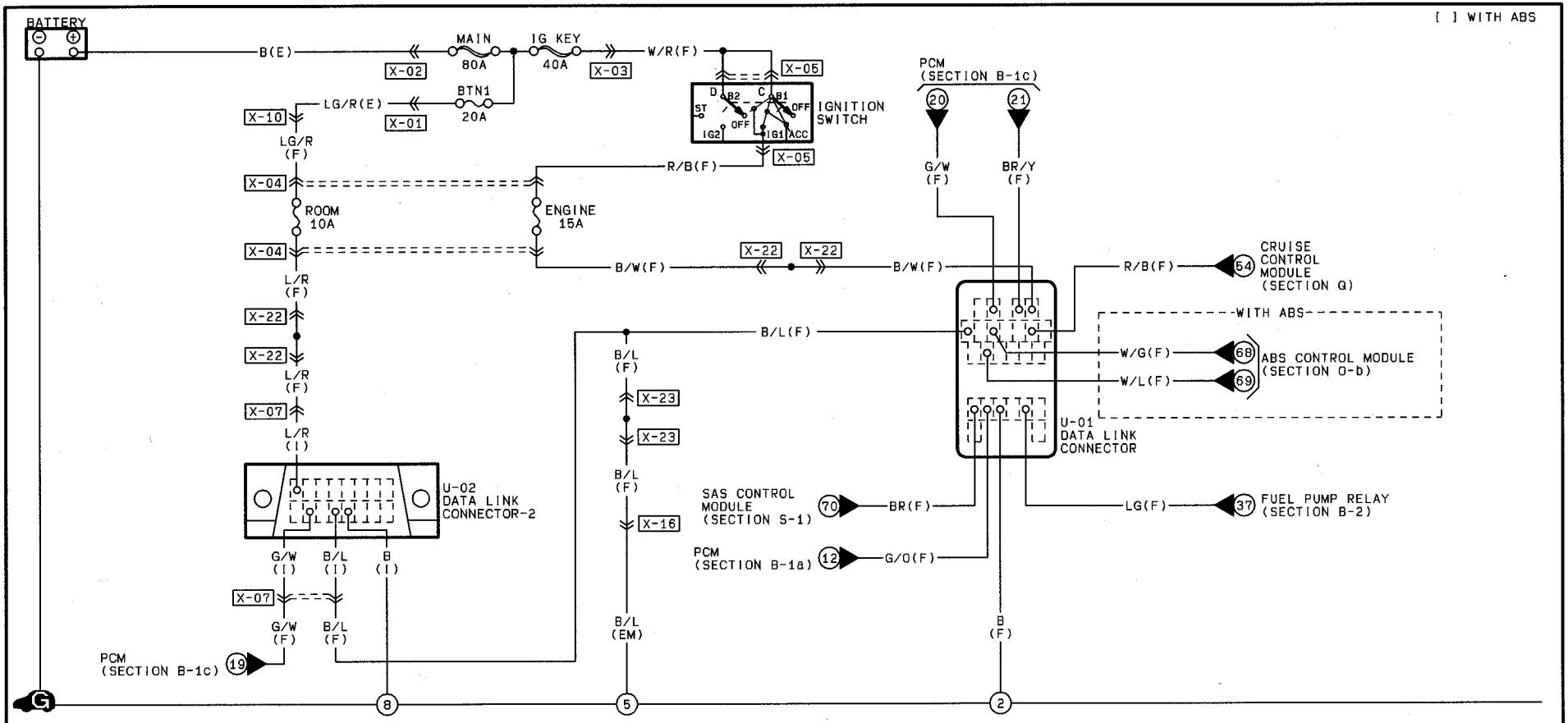



[BLACK]
MAIN FUSE BLOCK
X-03
MAIN FUSE
X-02

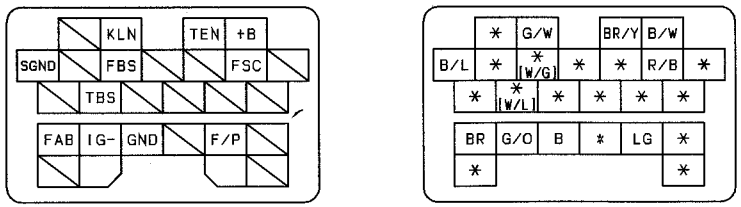

(F)-(I)
X-07
JOINT CONNECTOR
X-22
SAS CONTROL MODULE
S1-01
SHORT CONNECTOR
S1-05
PASSENGER-SIDE AIR BAG MODULE
S1-03
FUSE BLOCK
X-04
S1-02
DRIVER-SIDE AIR BAG MODULE
(CLOCK SPRING)
S1-04
(F)-CLOCK SPRING
X-05
IGNITION SWITCH
X-06
(F)-(I)
3
4


X-07
(F)-(I)
X-06
(F)-(I)
S1-06
PASSENGER AIR BAG DEACTIVATION SWITCH

DATA LINK CONNECTORS

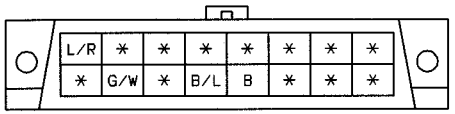


U-01 DATA LINK CONNECTOR(F)

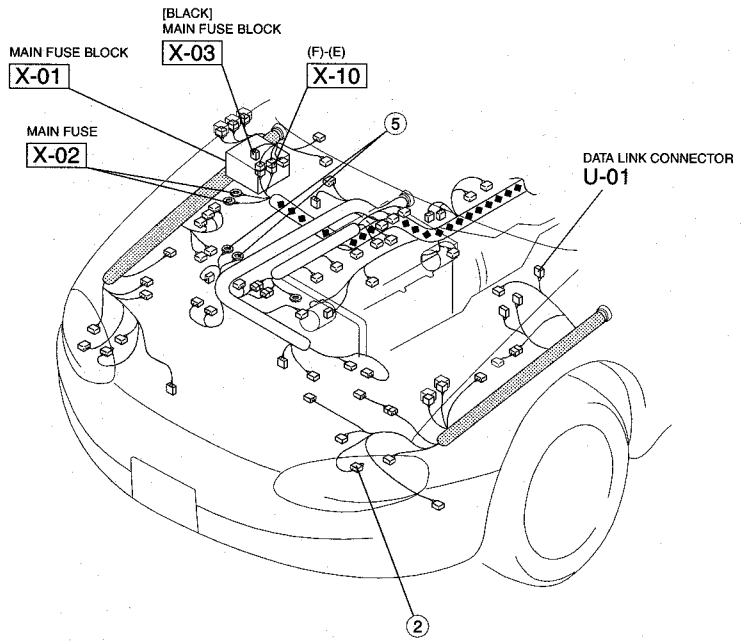


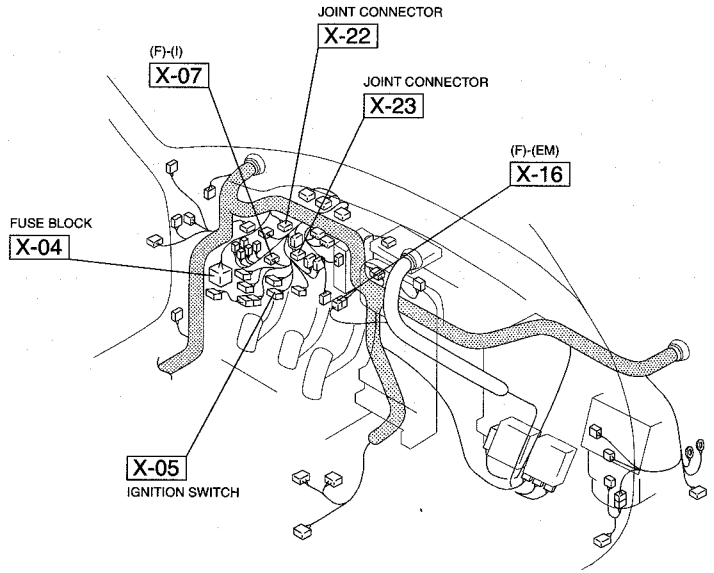
NOTE:THIS IS THE CONNECTOR AS SEEN FROM THE TERMINAL SIDE.

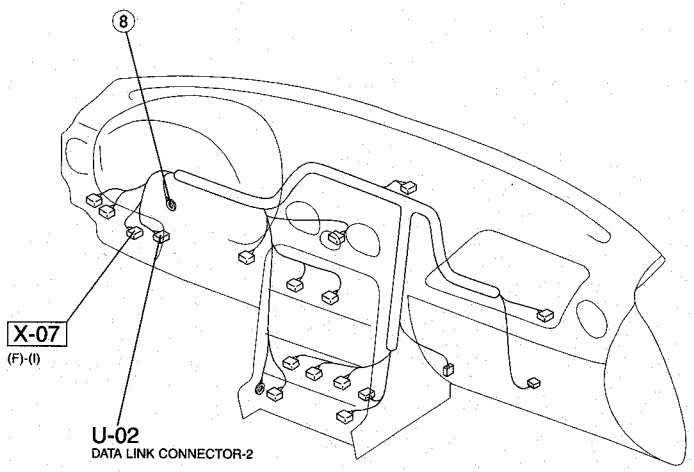
U-02 DATA LINK CONNECTOR-2(I)



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

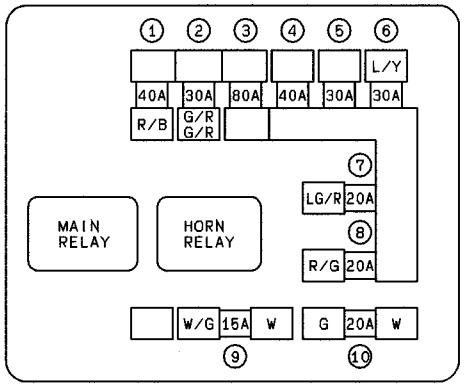

[BLACK]
MAIN FUSE BLOCK
X-03
MAIN FUSE BLOCK
X-01
(F)-(E)
X-10
MAIN FUSE
X-02
5
DATA LINK CONNECTOR
U-01
2


JOINT CONNECTOR
X-22
(F)-(I)
X-07
JOINT CONNECTOR
X-23
(F)-(EM)
X-16
FUSE BLOCK
X-04
X-05
IGNIGNITION SWITCH


8
X-07
(F)-(I)
U-02
DATA LINK CONNECTOR-2

COMMON CONNECTOR LIST

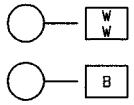
X-01 MAIN FUSE BLOCK(E)



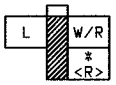
1:HEAD 2:FUEL INJ
3:MAIN 4:IG KEY
5:BLOWER 6:FAN
7:BTN1 8:BTN2
9:STOP 10:ABS

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

X-02 MAIN FUSE(E)

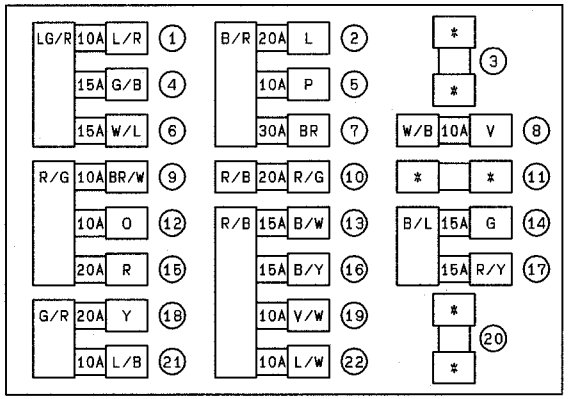


X-03 MAIN FUSE BLOCK(F)



< > WITH ABS

X-04 FUSE BLOCK(F)

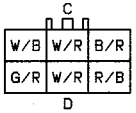


1:ROOM 2:WIPER 3: - 4:DEFOG
5:A/C 6:TAIL 7:P.WIND 8:ST.SIG
9:HAZARD 10:F.FOG 11: - 12:D.LOCK
13:ENGINE 14:HEAD.RH 15:<AUDIO> 16:METER
17:HEAD.LH 18:CIGAR 19:TURN 20: -
21:RADIO 22:A/B

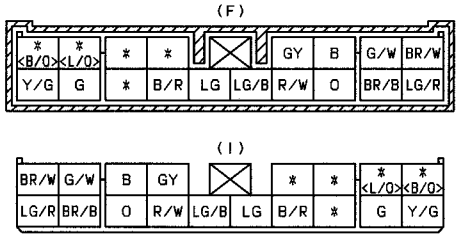
< > BOSE AUDIO

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

X-05 IGNITION SWITCH(F)

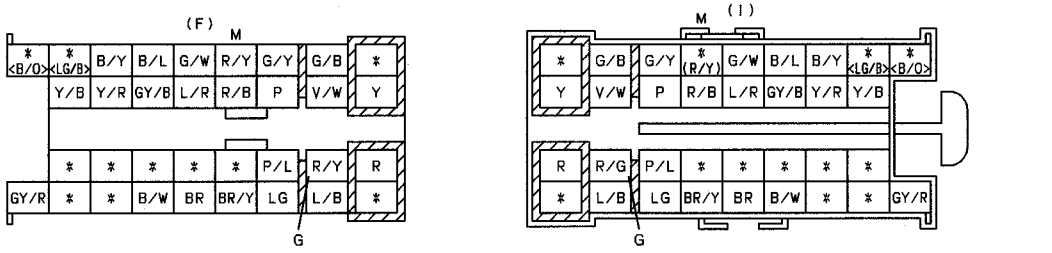


X-06 FRONT(F)-INSTRUMENT PANEL(I)



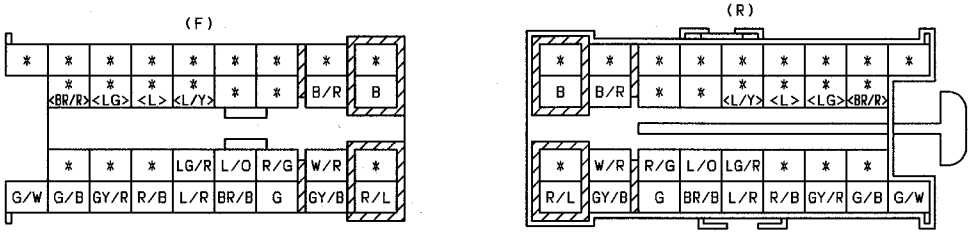
< > BOSE AUDIO

X-07 FRONT(F)-INSTRUMENT PANEL(I)



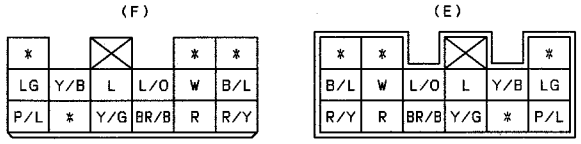
( ) WITH CRUISE CONTROL SYSTEM < > BOSE AUDIO

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



< > WITH ABS

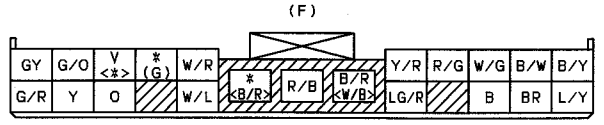
X-09 FRONT(F)-ENGINE(E)

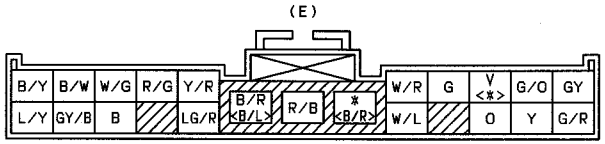


(AT)

COMMON CONNECTOR LIST

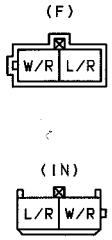
X-10 FRONT(F)-ENGINE(E)



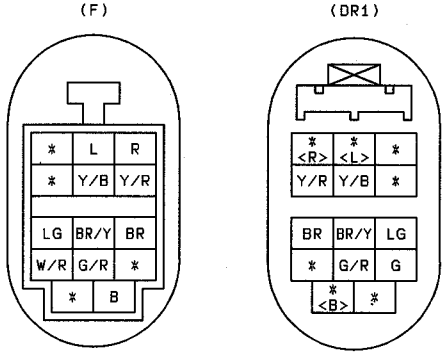


( ) WITH ABS < > AT

X-11 FRONT(F)-INTERIOR(IN)

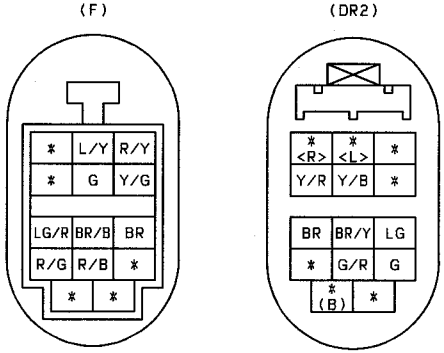


X-12 FRONT(F)-DOOR NO. 1(DR1)



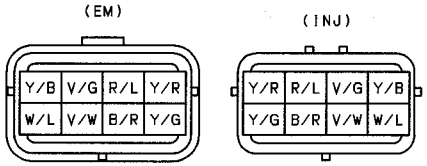
< > WITH POWER DOOR LOCK SYSTEM

X-13 FRONT(F)-DOOR NO. 2(DR2)

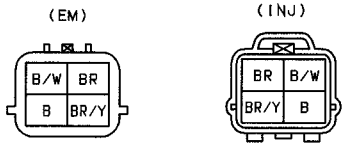


( ) NOT USED < > WITH POWER DOOR LOCK SYSTEM

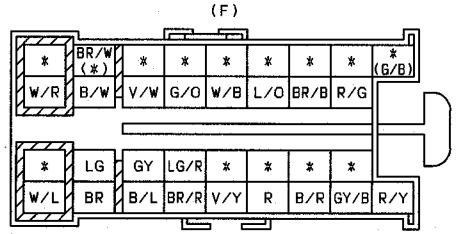
X-14 EMISSION(EM)-INJECTION(INJ)

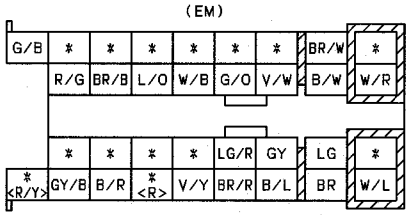


X-15 EMISSION(EM)-INJECTION(INJ)



X-16 FRONT(F)-EMISSION(EM)





( ) AT < > EXCEPT CALIFORNIA EMISSION REGULATIONS APPLICABLE MODEL

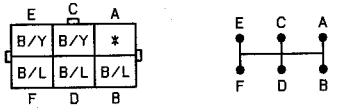
COMMON CONNECTOR LIST

X-17 REAR(R)-ENGINE(E)

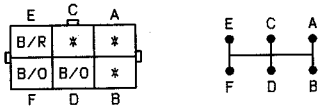
( ) NOT USED

X-18 FRONT(F)-REAR No.2(R2)

X-19 JOINT CONNECTOR(EM)

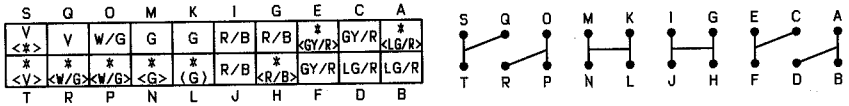


X-20 JOINT CONNECTOR(I)



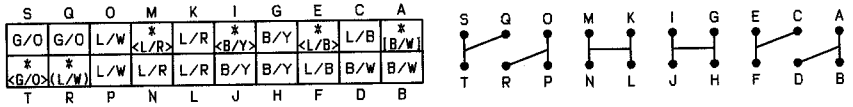
(BOSE AUDIO)

X-21 JOINT CONNECTOR(F)



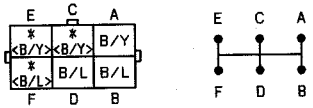
< > AT ( ) WITH ABS

X-22 JOINT CONNECTOR(F)



[ ] WITH DAYTIME RUNNING LIGHT SYSTEM < > AT ( ) WITH ABS

X-23 JOINT CONNECTOR(F)



< > AT

PARTS INDEX

PARTS INDEX