

Mazda 626

Wiring Diagram



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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.

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

JMZ GF14P20# 100001—

JMZ GF14P50# 100001—

JMZ GF12P20# 100001—

JMZ GF14S20# 100001—

JMZ GF14S50# 100001—

JMZ GF12F20# 100001—

JMZ GF12F50# 100001—

JMZ GF14F20# 100001—

JMZ GF14F50# 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		

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COMMON CONNECTOR LIST

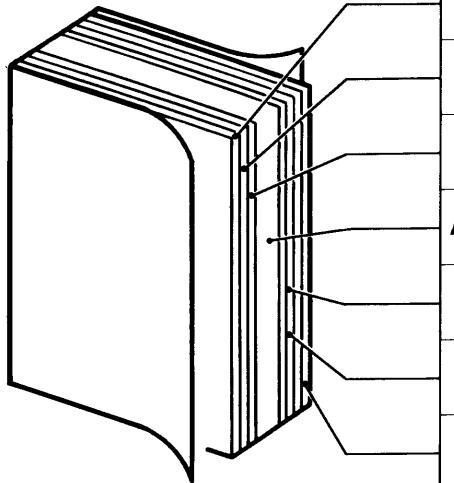
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Contents of wiring diagrams

SI

- This document comprises the 7 groups shown below.



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

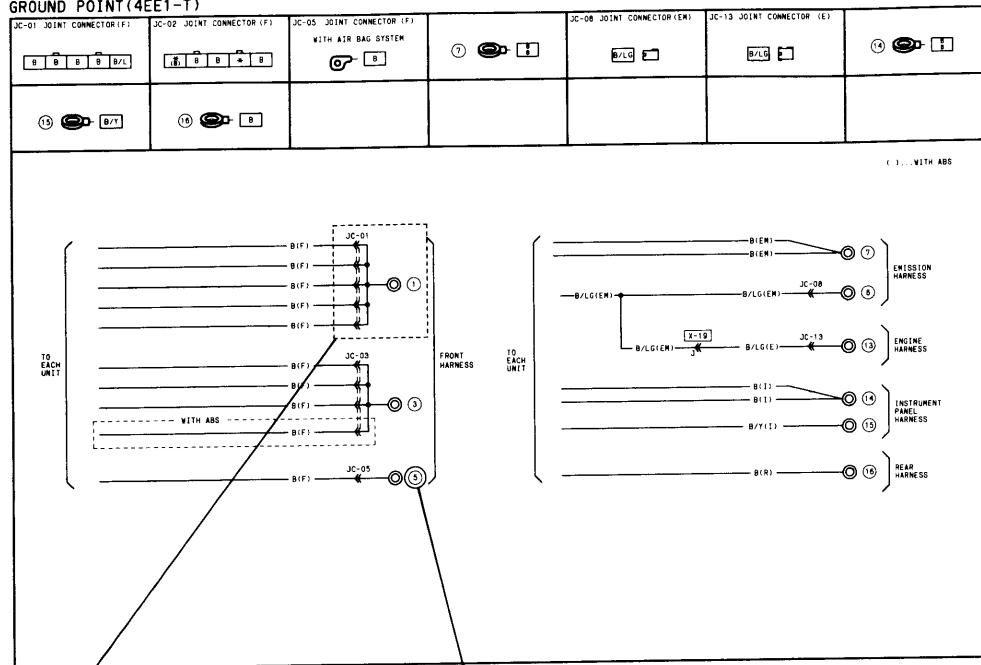
Reading Wiring Diagrams

GI

Ground points

- This shows ground points of the harness.

GROUND POINT(4EE1-T)



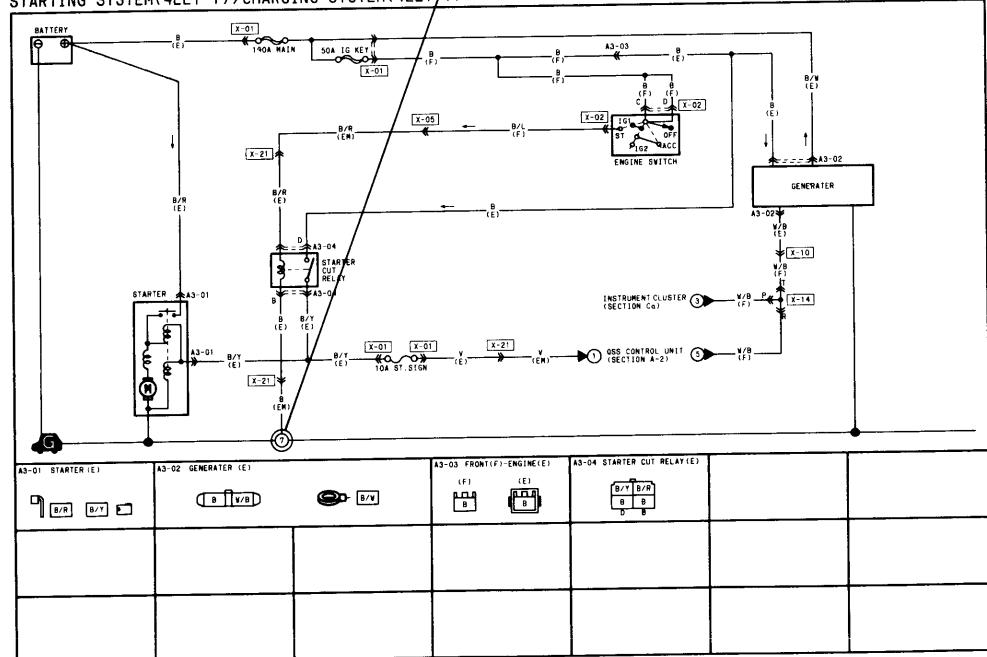
Ground indication

On vehicle	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.

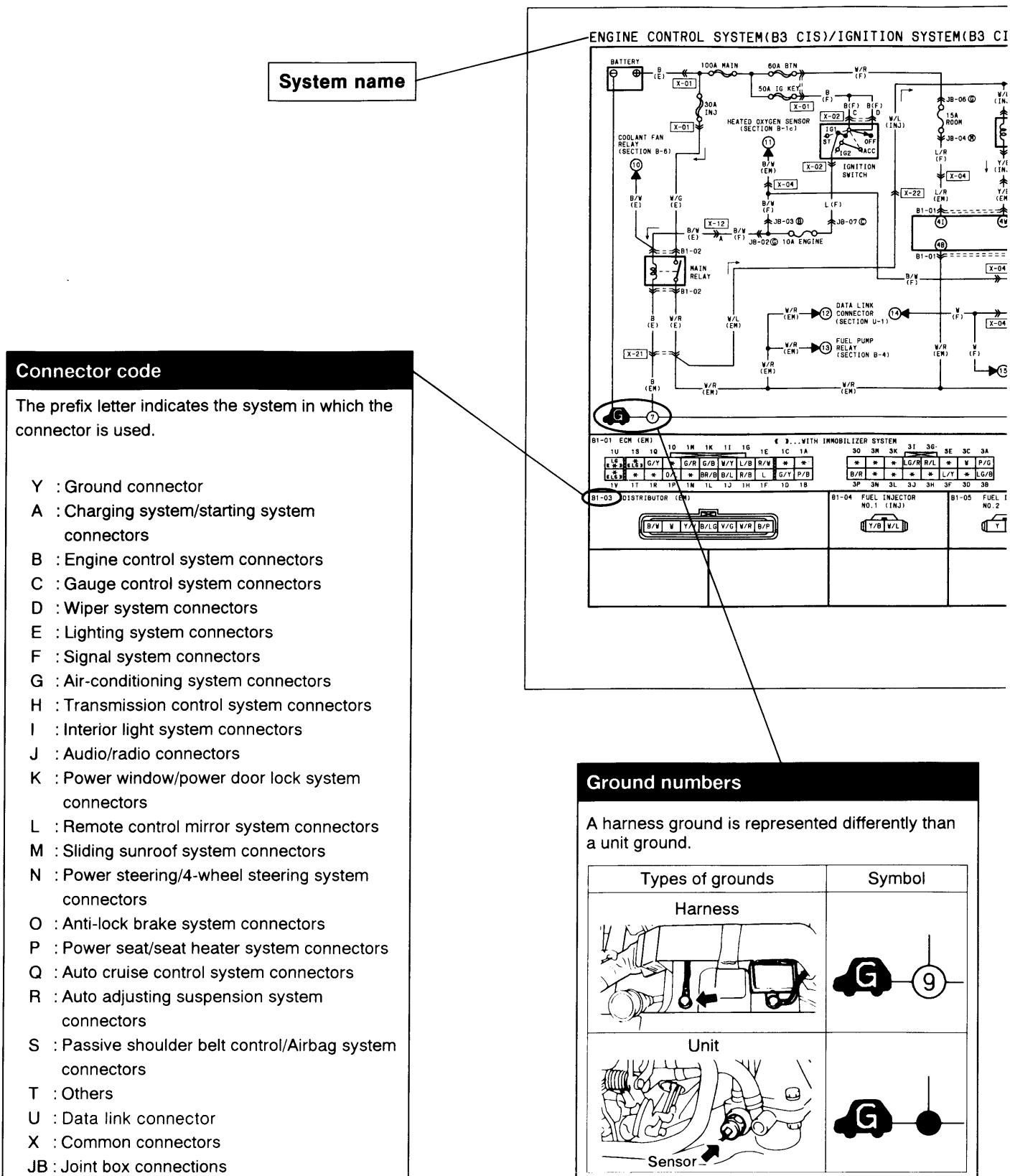
STARTING SYSTEM(4EE1-T)/CHARGING SYSTEM(4EE1-T)



System circuit diagram/connector diagram

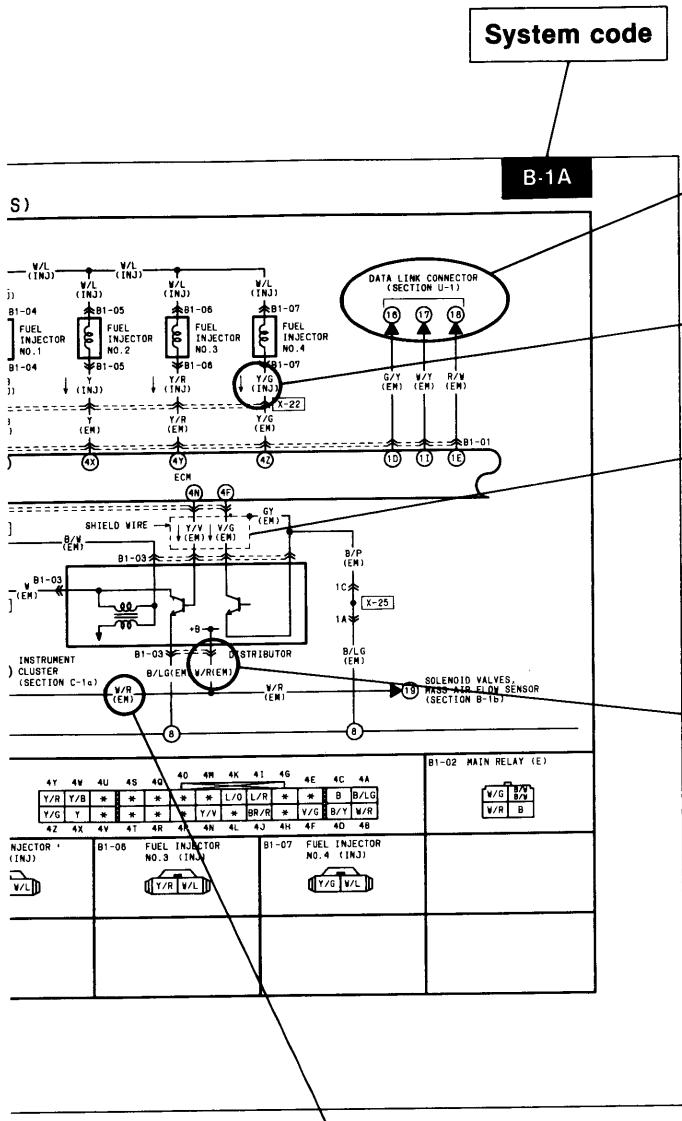
- These diagrams show the circuits for each system, from the power supply to the ground. The power supply side is on the upper part of the page, the ground side on the lower part. The diagrams describe circuits with the ignition switch off.

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



Reading Wiring Diagrams

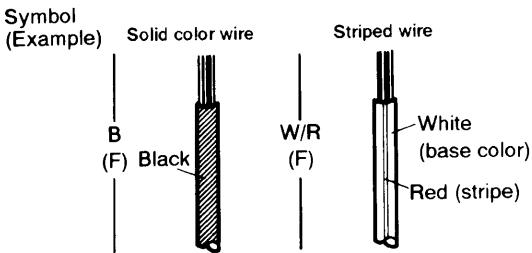
GI



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.).

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

5)

B-1 A

Current symbol

Current flows in the direction of the arrow.

Indicates shielded wire.*

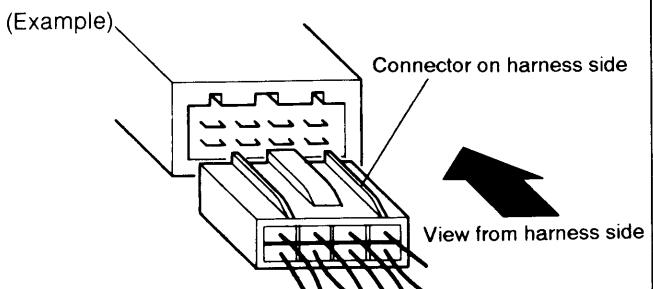
- *Shielded wire:
 - Prevents signal disturbances from electrical interference.
 - Wire is covered by a metal meshing for grounding.

Connector symbols

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

		Circuit diagram symbol	Connector diagram symbol
Male			
Female			

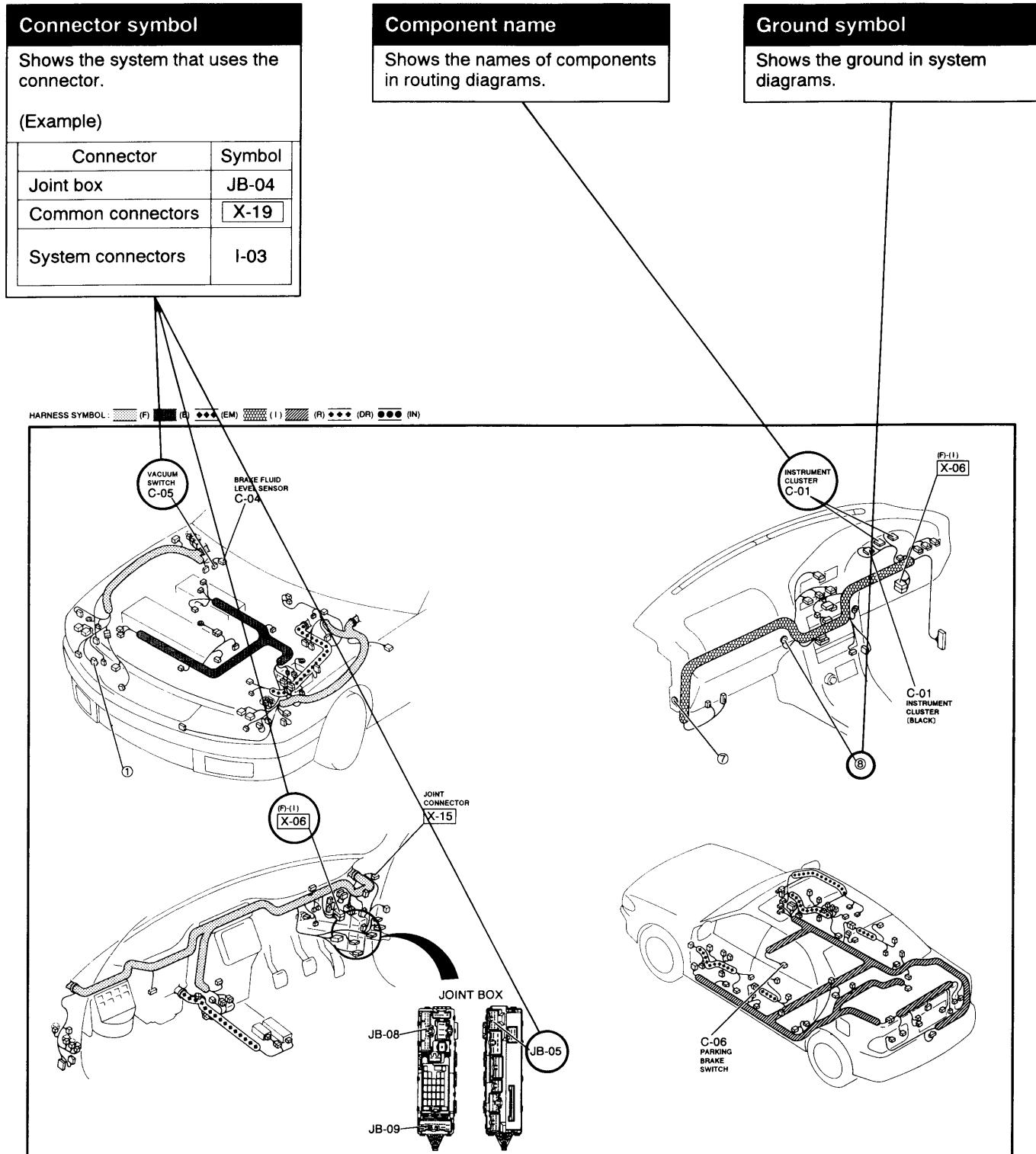
- Like connectors are linked by dashed lines between the connector symbols.
 - Connector diagrams show connectors on the harness side. The terminal indicates the view from the harness side.



- 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.



Harness symbols

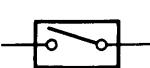
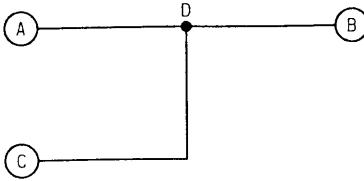
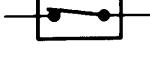
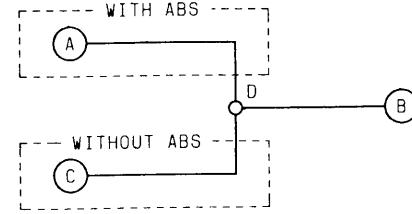
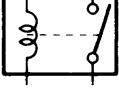
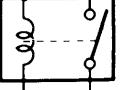
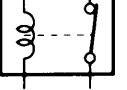
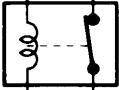
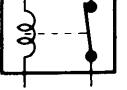
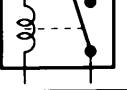
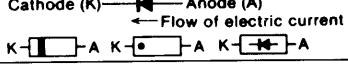
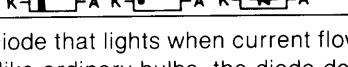
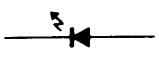
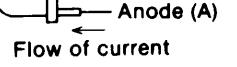
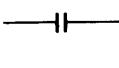
DESCRIPTION OF HARNESS	SYMBOL	DESCRIPTION OF HARNESS	SYMBOL
FRONT HARNESS	(F)	DOOR NO.1 HARNESS	(DR1)
FRONT NO.2 HARNESS	(F2)	DOOR NO. 2 HARNESS	(DR2)
ENGINE HARNESS	(E)	DOOR NO. 3 HARNESS	(DR3)
DASH HARNESS	(D)	DOOR NO.4 HARNESS	(DR4)
REAR HARNESS	(R)	FLOOR HARNESS	(FR)
REAR NO.2 HARNESS	(R2)	INTERIOR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

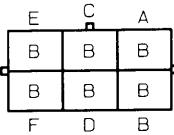
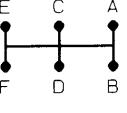
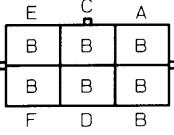
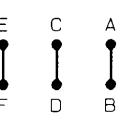
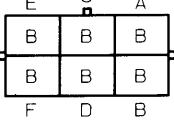
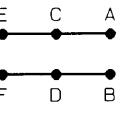
Symbols

Symbol	Meaning	Symbol	Meaning										
Battery 	<ul style="list-style-type: none"> Generates electricity through chemical reaction. Supplies direct current to circuits. 	Light 	<ul style="list-style-type: none"> Emits light and generates heat when current flows through filament. 										
Ground (1) 	<ul style="list-style-type: none"> Connecting point to vehicle body or other ground wire where current flows from positive to negative terminal of battery. Ground (1) indicates a ground point to body through wire harness. 	Resistance 	<ul style="list-style-type: none"> A resistor with a constant value. Mainly used to protect electrical components in circuits by maintaining rated voltage. 										
Ground (2) 	<ul style="list-style-type: none"> Ground (2) indicates point where component is grounded directly to body. <p>Remarks</p> <ul style="list-style-type: none"> Current will not flow through a circuit if ground is faulty. 	Motor 	<ul style="list-style-type: none"> Converts electrical energy into mechanical energy. 										
Fuse (1) 	<ul style="list-style-type: none"> Melts when current flow exceeds that specified for circuit, interrupts current flow. <p>Precautions</p> <ul style="list-style-type: none"> Do not replace with fuses exceeding specified capacity. 	Pump 	<ul style="list-style-type: none"> Pulls in and discharges gases and liquids. 										
Fuse (2) 	<ul style="list-style-type: none"> <Blade type> <Tube type> 	Cigarette lighter 	<ul style="list-style-type: none"> Electrical coil that generates heat. 										
Main fuse/ Fusible link 	<ul style="list-style-type: none"> <Cartridge type> <Fusible link> 	Horn 	<ul style="list-style-type: none"> Generates sound when current flows. 										
Transistor (1) Collector (C) Base (B) — NPN Emitter (E) 	<ul style="list-style-type: none"> Electrical switching component. Turns on when voltage is applied to the base (B). 	Speaker 											
Transistor (2) Collector (C) Base (B) — PNP Emitter (E) 	<ul style="list-style-type: none"> Reading code. <table border="0"> <tr> <td>2 S C 828 A</td> <td>Revision mark</td> </tr> <tr> <td>Semiconductor</td> <td>A: High-frequency PNP</td> </tr> <tr> <td>Number of terminals</td> <td>B: Low-frequency PNP</td> </tr> <tr> <td></td> <td>C: High-frequency NPN</td> </tr> <tr> <td></td> <td>D: Low-frequency NPN</td> </tr> </table>	2 S C 828 A	Revision mark	Semiconductor	A: High-frequency PNP	Number of terminals	B: Low-frequency PNP		C: High-frequency NPN		D: Low-frequency NPN	Heater 	<ul style="list-style-type: none"> Generates heat when current flows.
2 S C 828 A	Revision mark												
Semiconductor	A: High-frequency PNP												
Number of terminals	B: Low-frequency PNP												
	C: High-frequency NPN												
	D: Low-frequency NPN												
		Speed sensor 	<ul style="list-style-type: none"> Movement of magnet in speedometer turns contact within sensor on and off. 										
		Ignition switch 	<ul style="list-style-type: none"> Turning ignition key switches circuit to operate various component. <p>(NOTE)</p> <p>Ignition switch is called engine switch on diesel vehicles.</p>										

Reading Wiring Diagrams

GI

Symbol	Meaning	Symbol	Meaning
 Normally open (NO)	<ul style="list-style-type: none"> Allows or breaks current flow by opening and closing circuits. 	Harness Connection  When circuit C-D is connected to circuit A-B, the connection D is indicated by a black dot.	 For vehicles with ABS, use the A-B circuit.
 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.
 Normally open (NO)	<ul style="list-style-type: none"> Current flowing through coil produces electromagnetic force causing contact to open. <p>No current to coil Current to coil</p>  X No flow  Flow		
 Normally closed (NC)	<ul style="list-style-type: none"> Current flowing through coil produces electromagnetic force causing contact to close. <p>No current to coil Current to coil</p>  Flow  X No flow		
 Sensor (variable)	<ul style="list-style-type: none"> Resistance changes with other components operation. 	 Diode	<ul style="list-style-type: none"> Known as a semiconductor rectifier, the diode allows current flow in one direction only.  <p>Cathode (K) ← Anode (A) Flow of electric current</p>  <p>K — A K — A K — A — A</p>
 Sensor (thermistor)	<ul style="list-style-type: none"> Resistance changes with temperature. 	 Light-emitting diode (LED)	<ul style="list-style-type: none"> A diode that lights when current flows. Unlike ordinary bulbs, the diode does not generate heat when lit.  <p>Cathode (K) ← Anode (A)</p>  <p>Cathode (K) — Anode (A)</p> <p>Flow of current</p>
 Capacitor	<ul style="list-style-type: none"> Component that temporarily stores electrical charge. 		
 Solenoid	<ul style="list-style-type: none"> Current flowing through coil generates electromagnetic force to operate plungers. 	 Reference diode (Zener diode)	<ul style="list-style-type: none"> Allows current to flow in one direction up to a certain voltage; allows current to flow in the other direction once that voltage is exceeded.

Symbol	Meaning
Extent of the change in the wiring position (1)  	<ul style="list-style-type: none"> The wiring position can be exchanged freely within the connector.
Extent of the change in the wiring position (2)  	<ul style="list-style-type: none"> The wiring position can be exchanged according to the following combinations only. Between A and B, Between C and D, Between E and F
Extent of the change in the wiring position (3)  	<ul style="list-style-type: none"> 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	Autostop
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
DTC	Diagnostic Trouble Code(s)
DTM	Diagnostic Test Mode
ECM	Engine Control Module
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

Reading Wiring Diagrams

GI

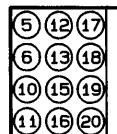
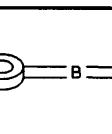
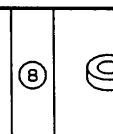
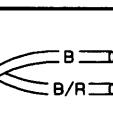
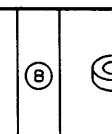
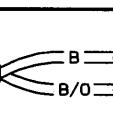
F	Front
F/I	Fuel Injector
FC	Fan Control
FICB	Fast-Idle Cam Breaker
FM	Frequency Modulation
FP	Fuel Pump
FPR	Fuel Pump Relay
GEN	Generator
GND	Ground
H/D	Heater/Defroster
HEAT	Heater
HEI	High-Energy Ignition
HI	High
HO2S	Heated Oxygen Sensor
IAC	Idle Air Control
IAT	Intake Air Temperature
ICM	Ignition 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 Sensor
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
NC	Normally Closed
NO	Normally Open
O2S	Oxygen Sensor
OBD	On-board Diagnostic

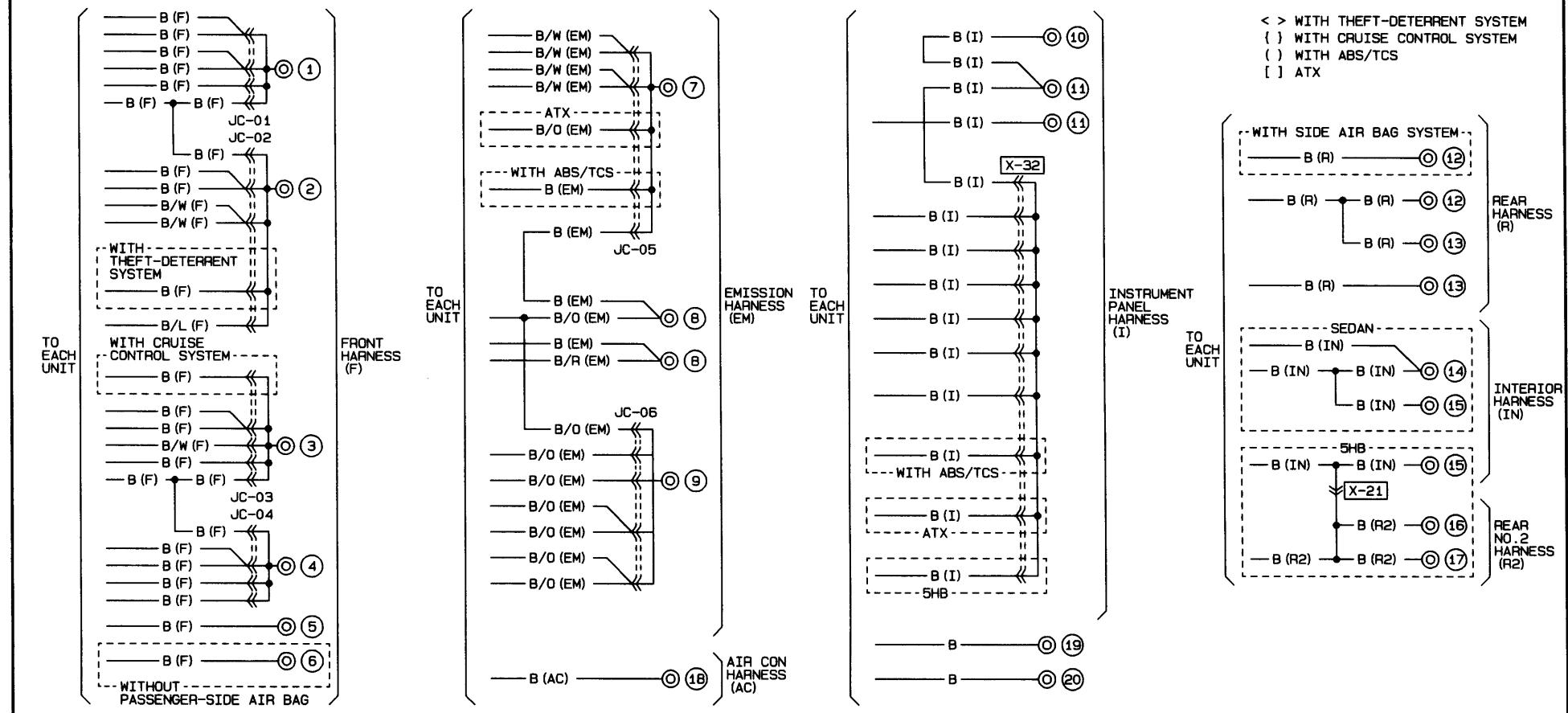
OFF	Switch Off
ON	Switch On
P	Power
P/S	Power Steering
PAIR	Pulsed Secondary Air Injection
PCM	Powertrain Control Module
PNP	Park/Neutral Position
PRCV	Pressure Regulator Control Solenoid Valve
PRG	Purge Solenoid Valve
PSP	Power Steering Pressure
PTC	Positive Temperature Coefficient Heater
QSS	Quick-Start System
R	Rear
REC	Recirculation
RF	Right Front
RH	Right Hand
RPM	Engine Speed
RR	Rear Right
SAPV	Secondary Air Pulse Valve
SFI	Sequential Multipoint Fuel Injection
SOL	Solenoid
ST	Start
SW	Switch
TC	Turbocharger
TCM	Transmission (Transaxle) Control Module
TCV	Twin Scroll Turbocharger Solenoid Valve
TEMP	Temperature
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

CONTENTS

SI

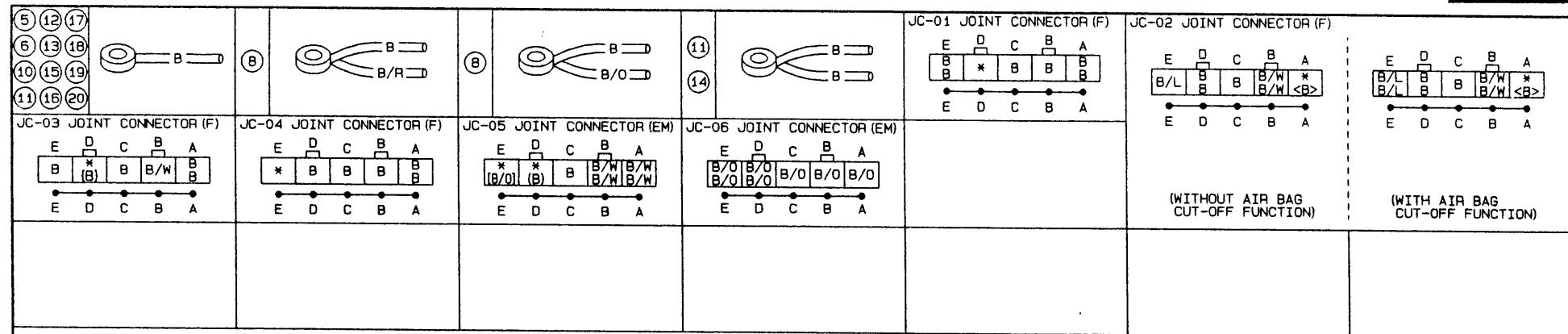
					
JC-04 JOINT CONNECTOR (F)	JC-05 JOINT CONNECTOR (EM)	JC-06 JOINT CONNECTOR (EM)			



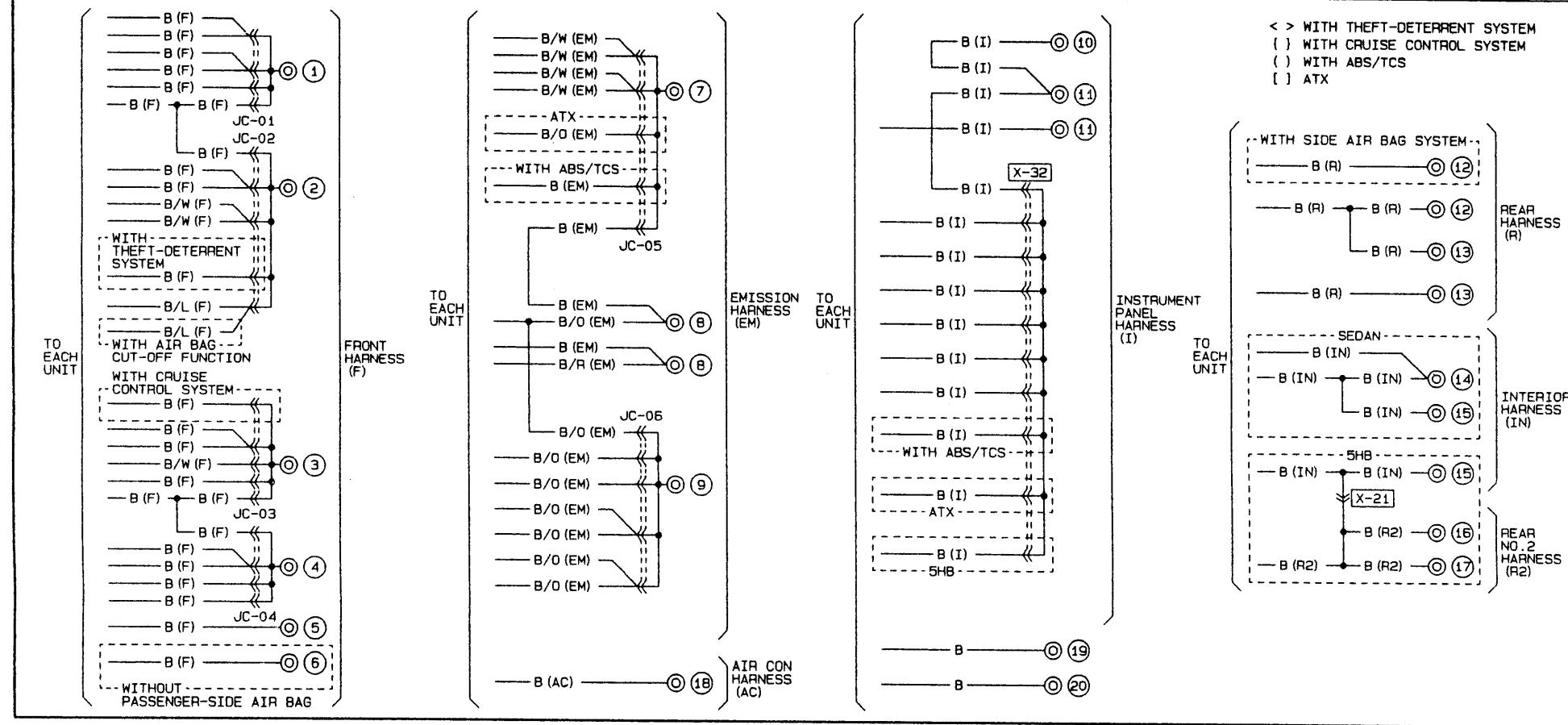
GROUND POINTS

Y

Applied VIN:
JMZ GF1 *P*01 153024-
IMZ GE1 *S*01 152964-



Mazda 626 Wiring Diagram (5406-10-97D)

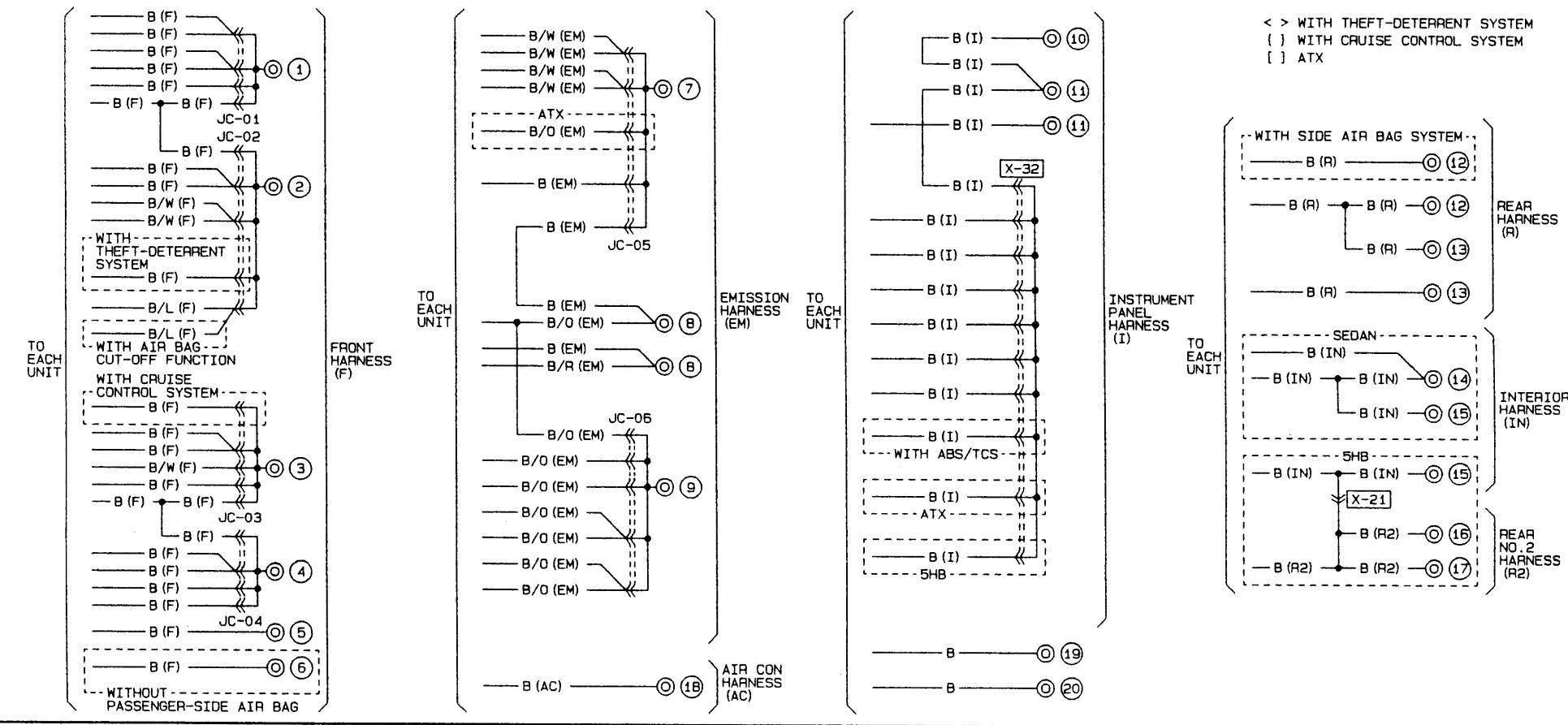


Mazda 626 Wiring Diagram (5406-10-97D)

Applied VIN (assumed):
 JMZ GF-14P2 *** # 229774—
 JMZ GF-14S *** # 229774—

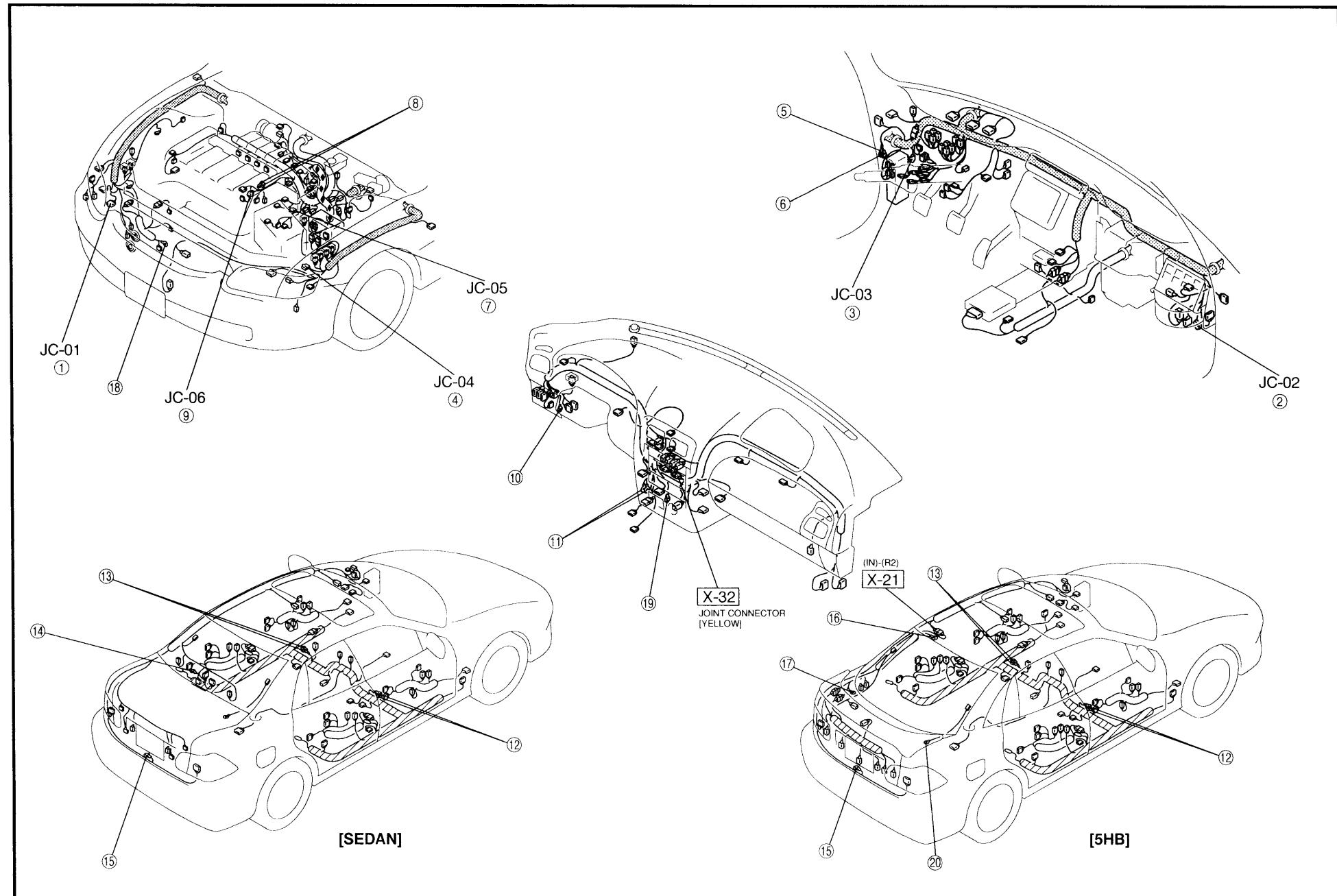
GROUND POINTS

(5) (12) (17) 6 (13) (18) 10 (15) (19) (11) (16) (20)	(8) B	(8) B/R	(8) B/O	(11) B	JC-01 JOINT CONNECTOR (F) E D C B A B B B B B B/L B B B B/W B/W E D C B A	JC-02 JOINT CONNECTOR (F) E D C B A B/L B B B B/W B/W E D C B A
JC-03 JOINT CONNECTOR (F) E D C B A B * (B) B B/W B B E D C B A	JC-04 JOINT CONNECTOR (F) E D C B A * B B B B B E D C B A	JC-05 JOINT CONNECTOR (EM) E D C B A * (B/O) B B B/W B/W B/W E D C B A	JC-06 JOINT CONNECTOR (EM) E D C B A B/O B/O B/O B/O B/O E D C B A		(WITHOUT AIR BAG CUT-OFF FUNCTION)	(WITH AIR BAG CUT-OFF FUNCTION)



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

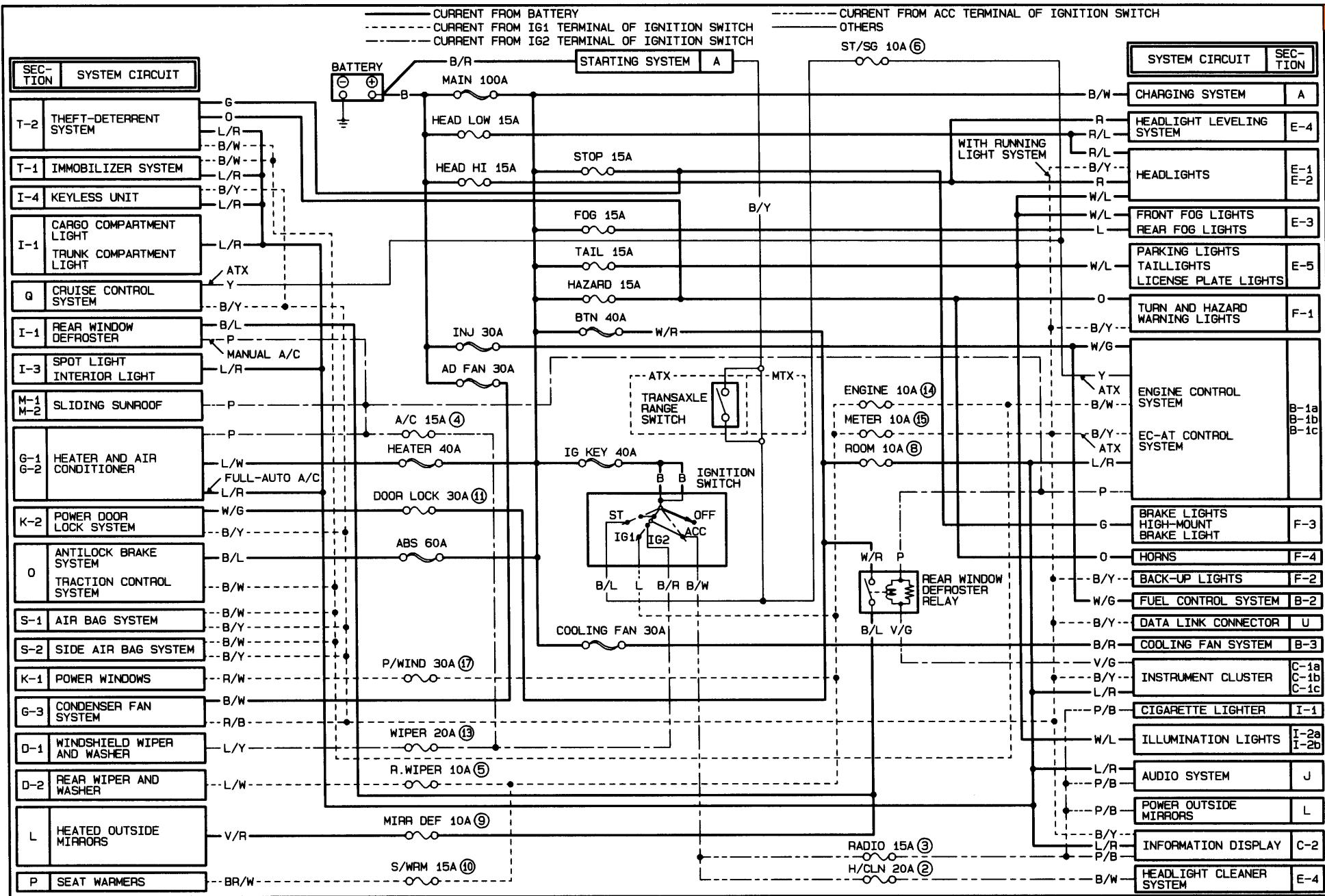
13



Y

ELECTRICAL WIRING SCHEMATIC

CONTENTS

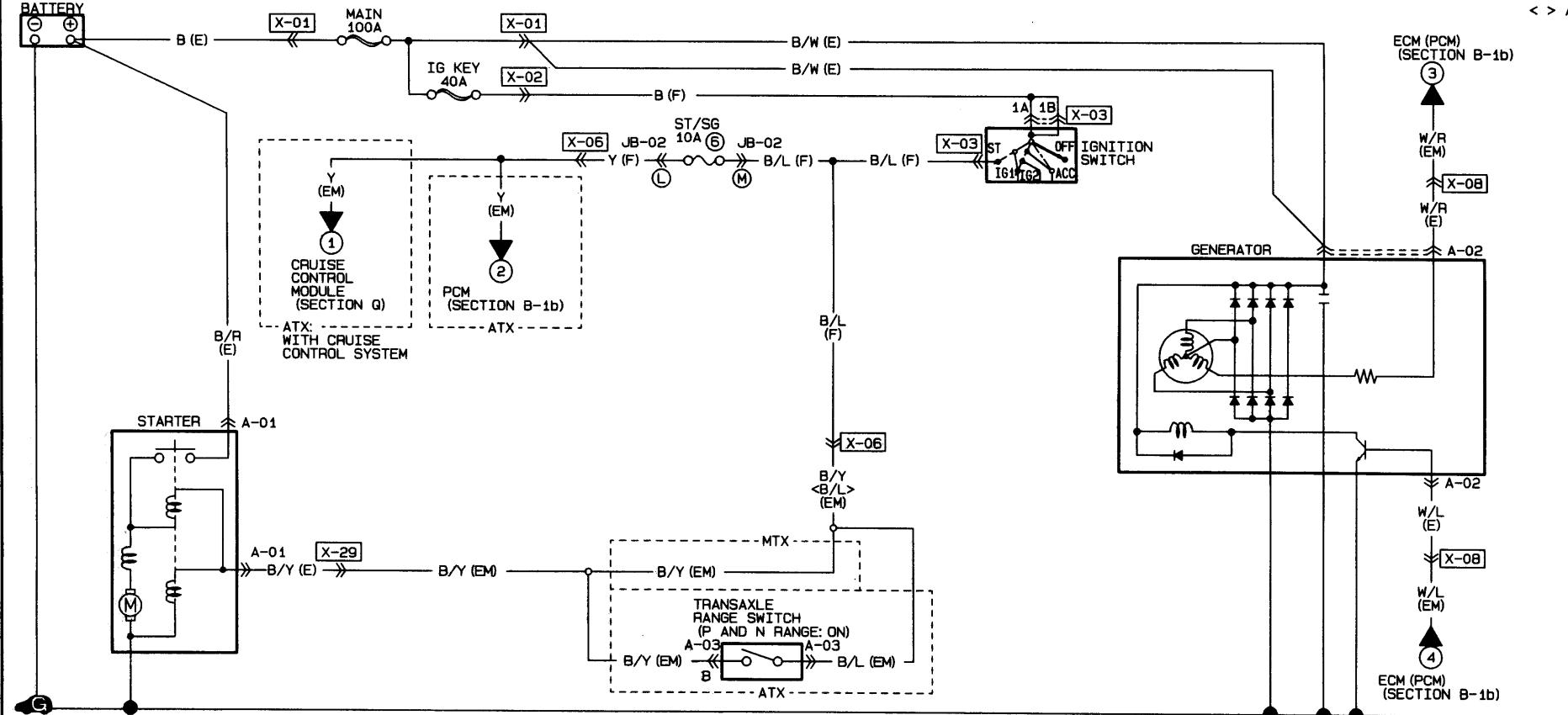


SI

CHARGING SYSTEM/STARTING SYSTEM

< > ATX

CONTENTS



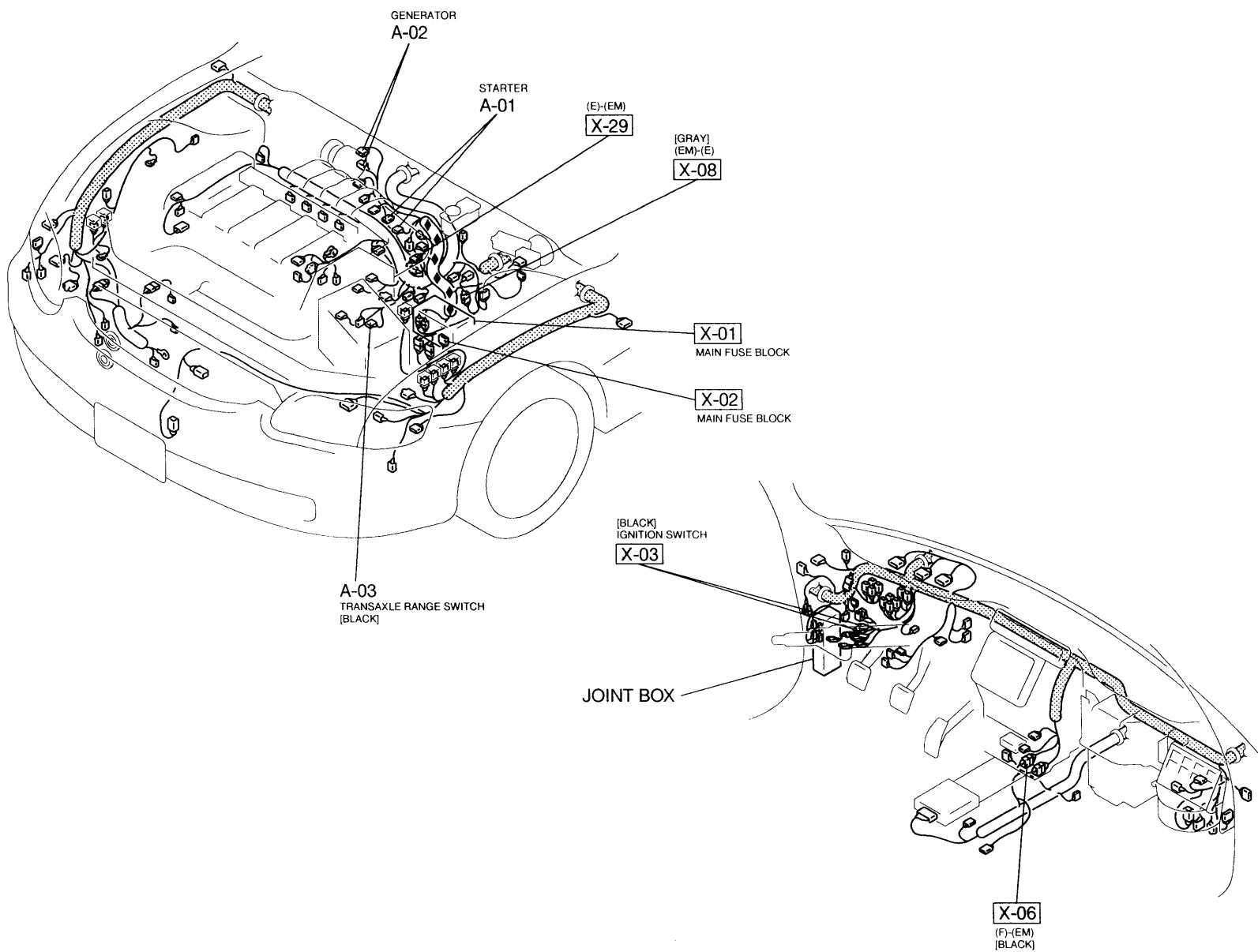
A-01 STARTER (E)	A-02 GENERATOR (E)	A-03 TRANSAKLE RANGE SWITCH (EM)				

SI

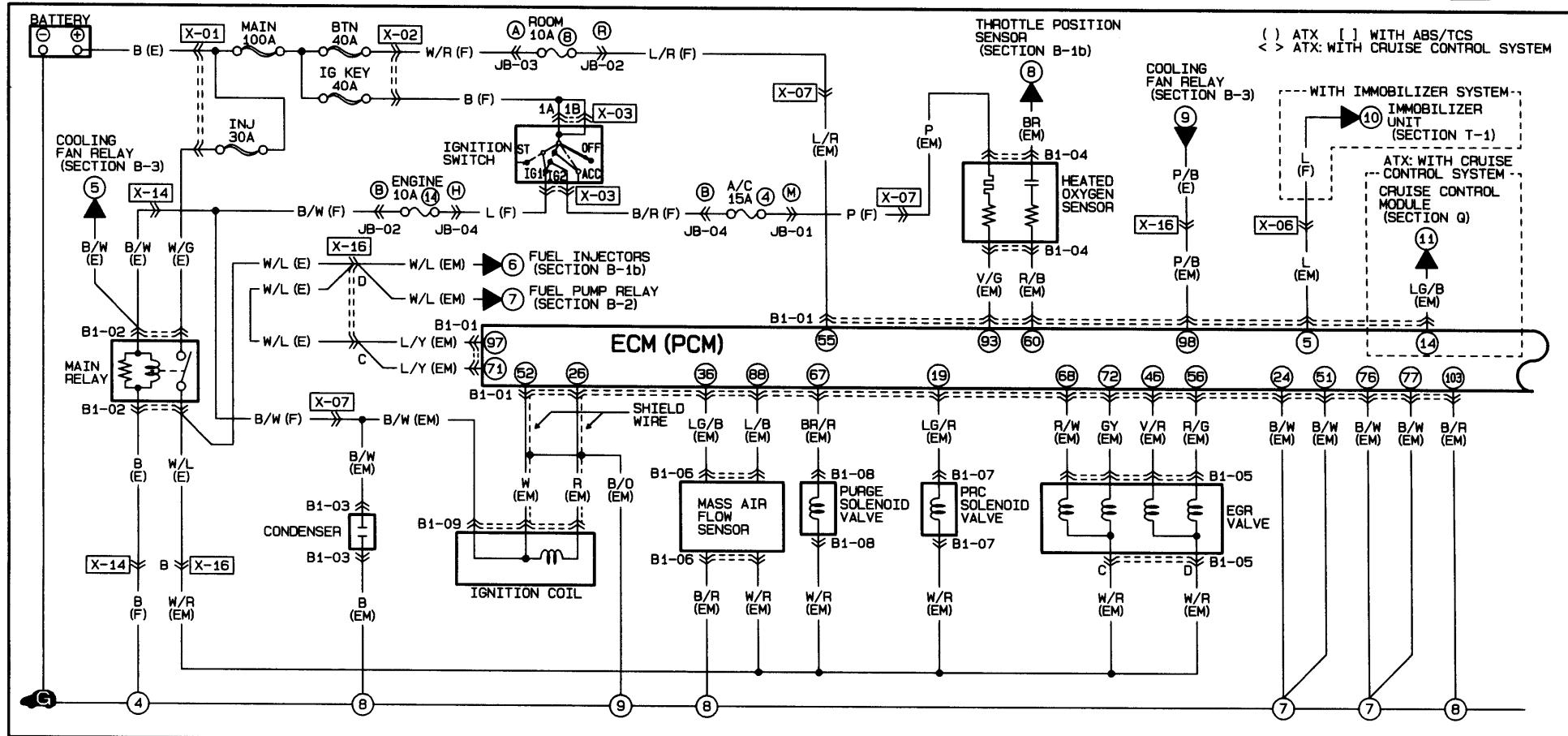
PI 1

PI 2

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



ENGINE CONTROL SYSTEM/EC-AT CONTROL SYSTEM



B1-01 ECM (PCM) (EM)

26 R	25 *	24 B/W	23* (R)	22 Y	21 0	20 V/Y	19 LG/R	18 W/B	17 G/W	16 L/D/GY/R/L6/P	14* (P)
62 W	61 B/W	50 * 49	V/W	47 W/R	46 V/R	45 *	44 *	43X (R)	42 L/G/Y/R	41 G/B	40 *
78 *	77 B/W	76 Y/B	75 Y/R	74 *	73 72	71 L/Y	70 R/Y	69 G/O	68 R/W	67 B/R/R	66 *
104 *	103 B/R	102 B/Y	101 Y/G	100 LG	99 P/B	98 L/Y	97 *	96 *	95 *	94 93	92* (G/Y)

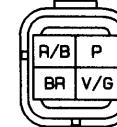
B1-02 MAIN RELAY (E)



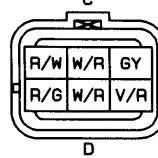
B1-03 CONDENSER (EM)



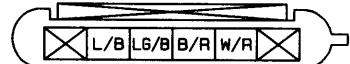
B1-04 HEATED OXYGEN SENSOR (EM)



B1-05 EGR VALVE (EM)



B1-06 MASS AIR FLOW SENSOR (EM)



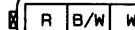
B1-07 PRC SOLENOID VALVE (EM)



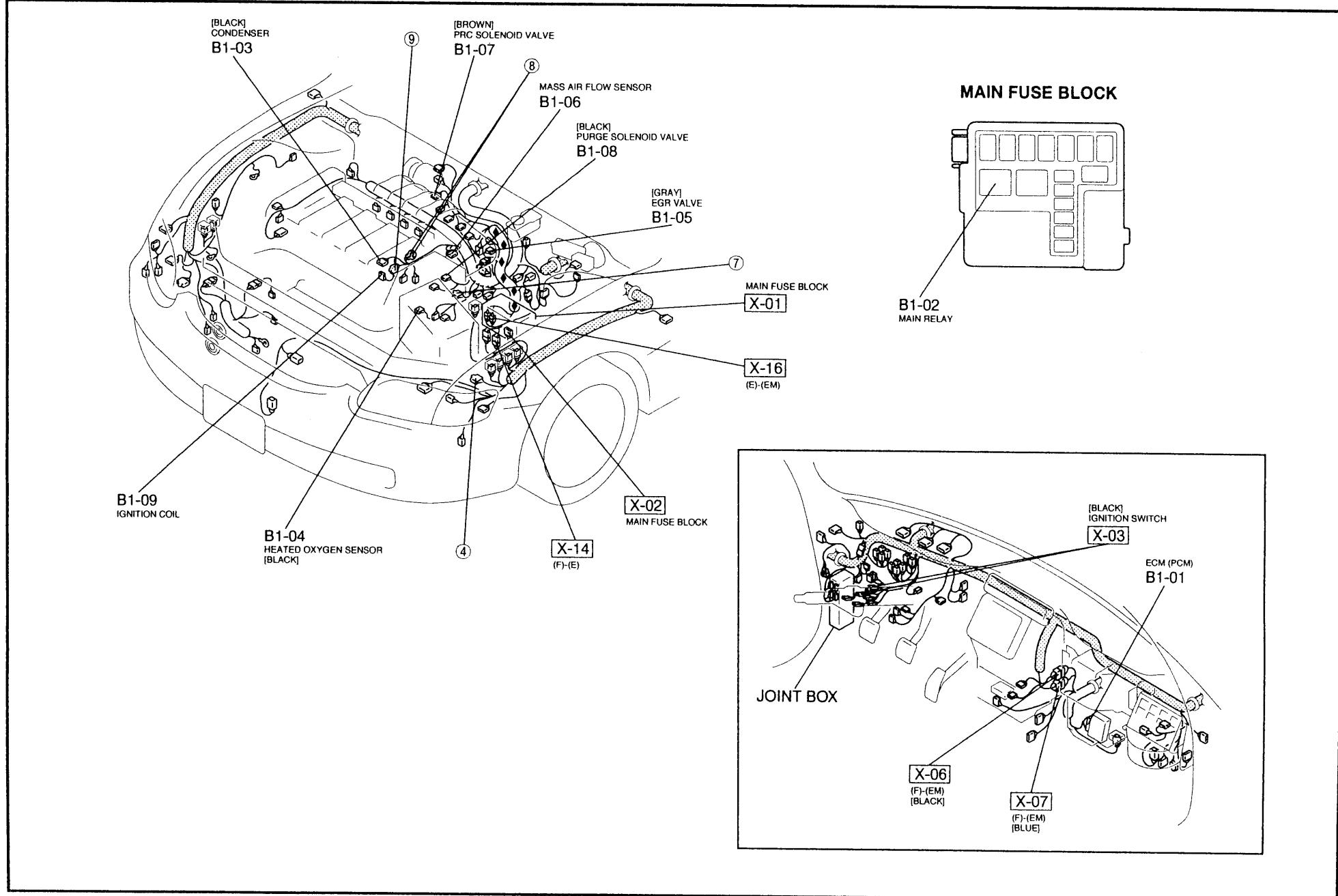
B1-08 PURGE SOLENOID VALVE (EM)



B1-09 IGNITION COIL (EM)

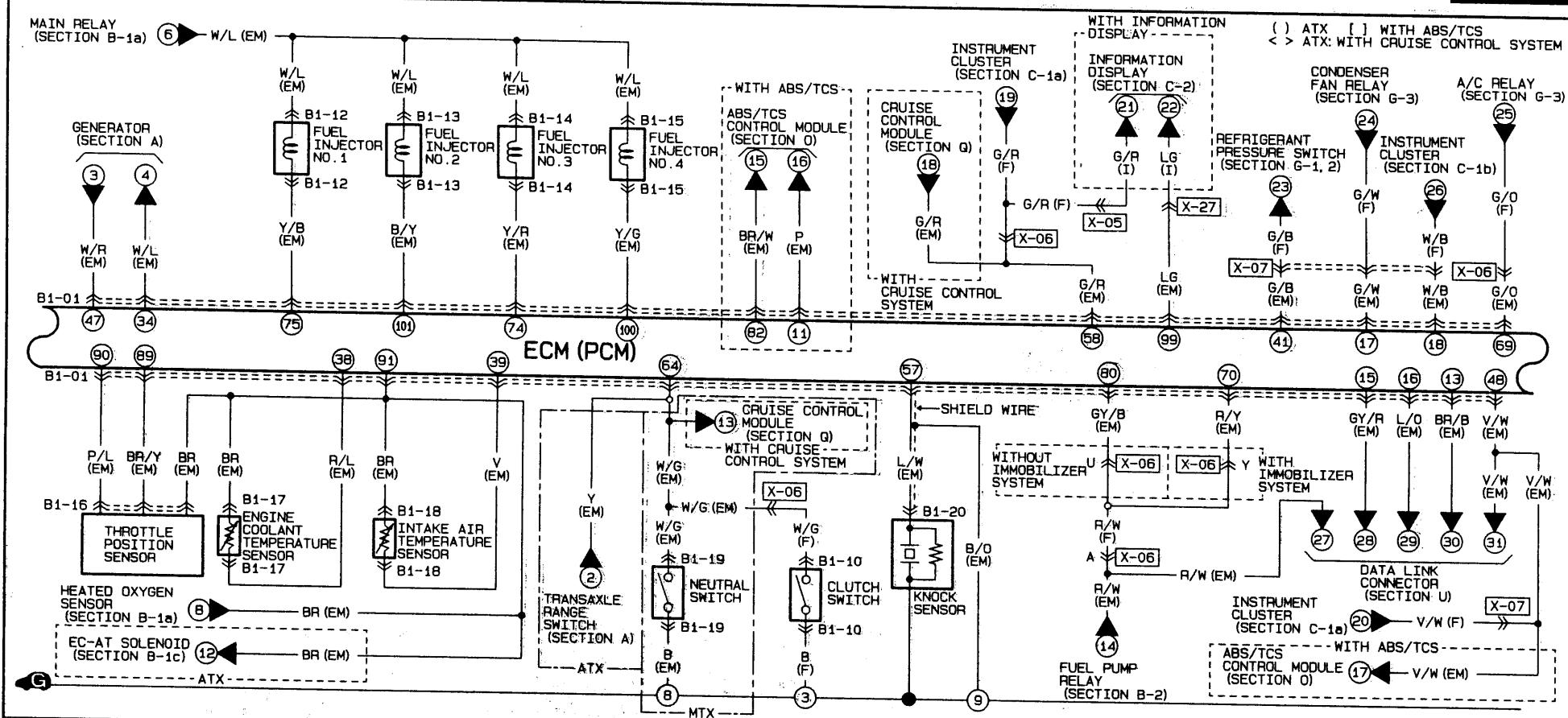


HARNESS SYMBOL :  (F)  (R)  (E)

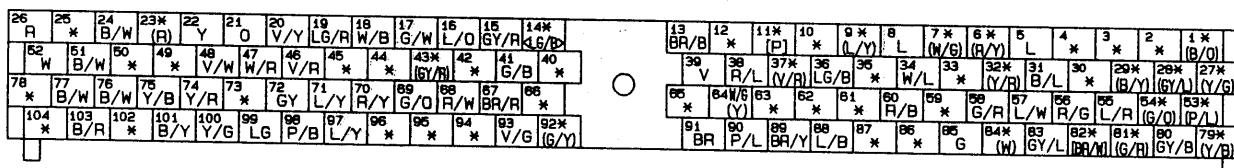


B-1a

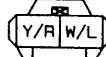
ENGINE CONTROL SYSTEM/EC-AT CONTROL SYSTEM



B1-01 ECM (PCM) (EM)



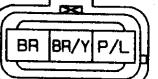
B1-14 FUEL INJECTOR
(EM)



D.3 B1-15 FUEL INJECTOR (EM)



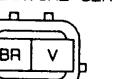
0.4 B1-16 THROTTLE POSITION
SENSOR (FM)



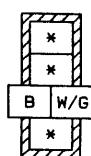
B1-17 ENGINE COOLANT



31-18 INTAKE AIR



— 1 —



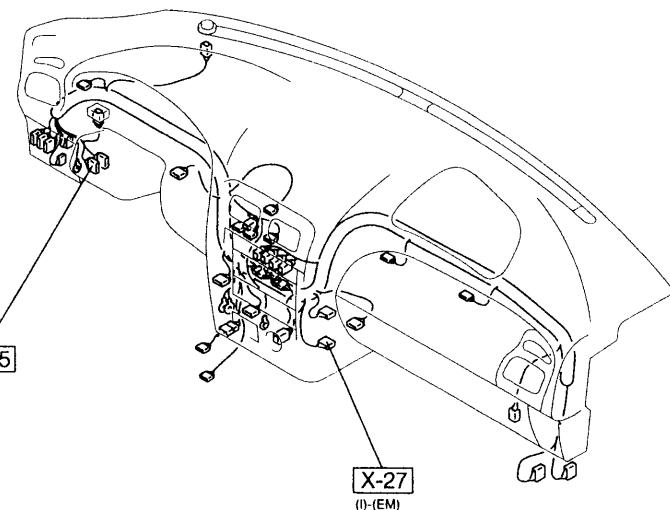
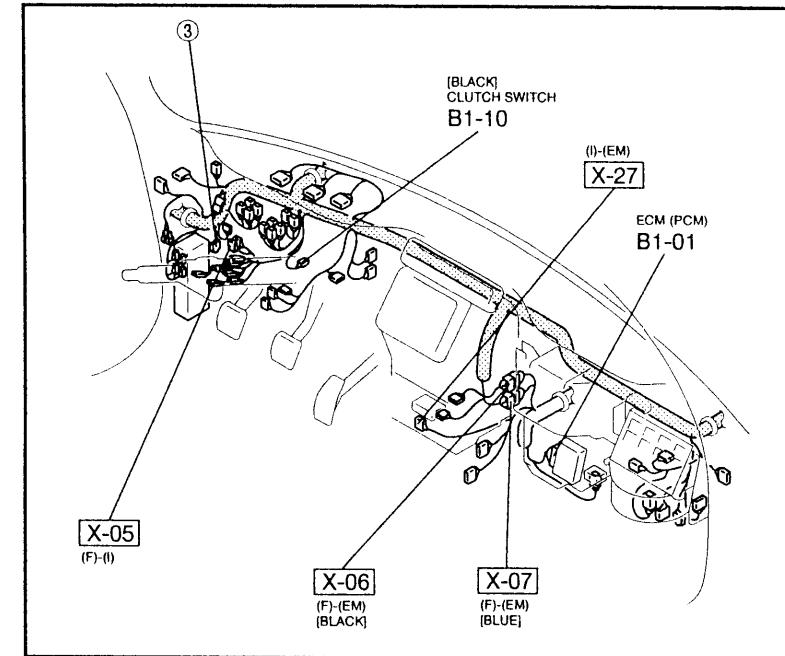
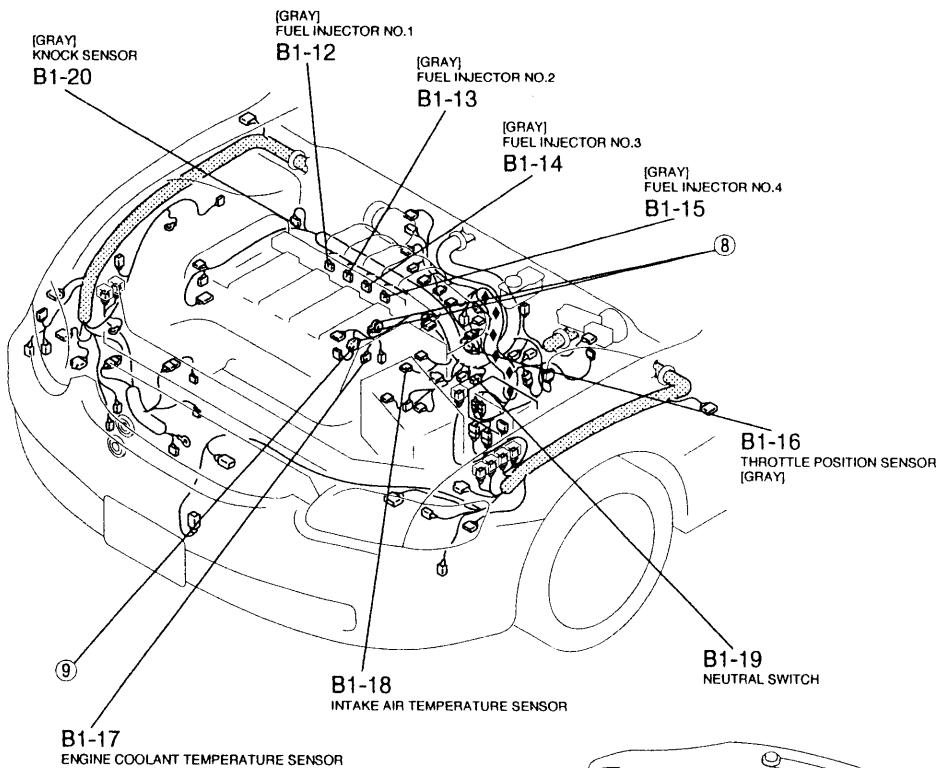
81-12 FUEL INJECTOR NO. 1
(EM)



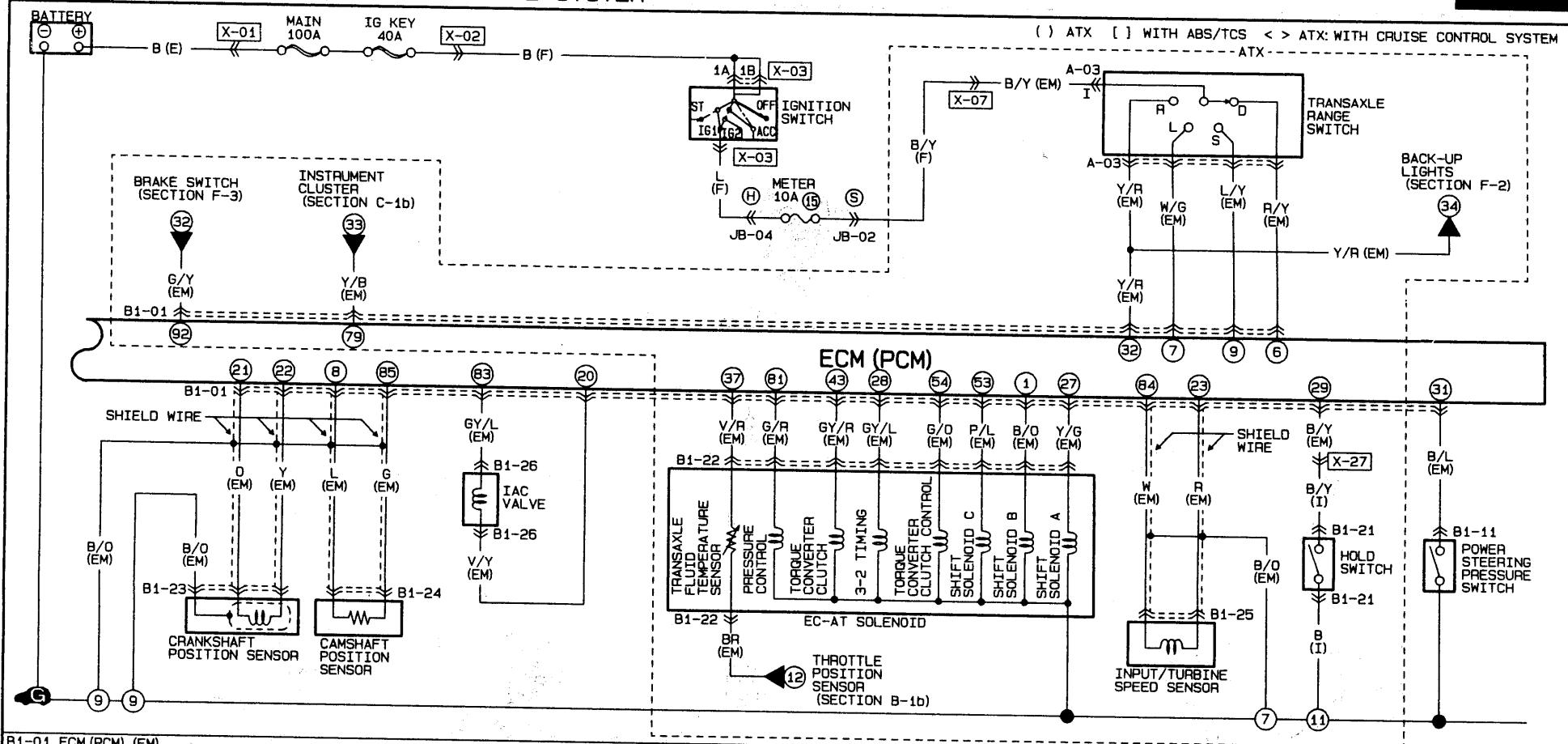
B1-13 FUEL INJECTOR NO.2



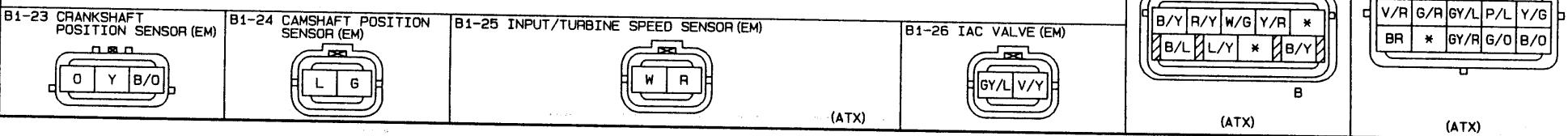
HARNESS SYMBOL :  (F)  (R)  (E)



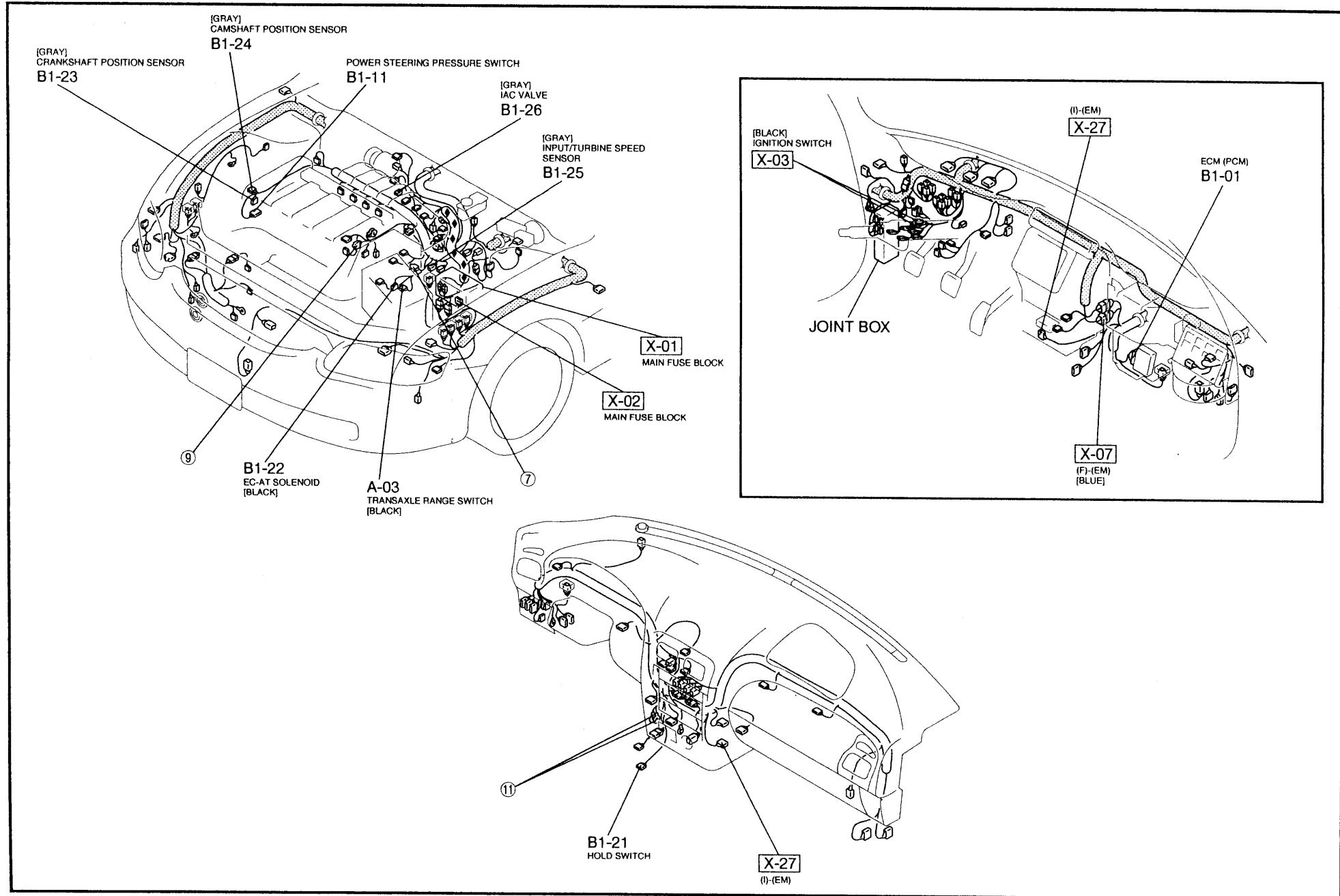
ENGINE CONTROL SYSTEM/EC-AT CONTROL SYSTEM



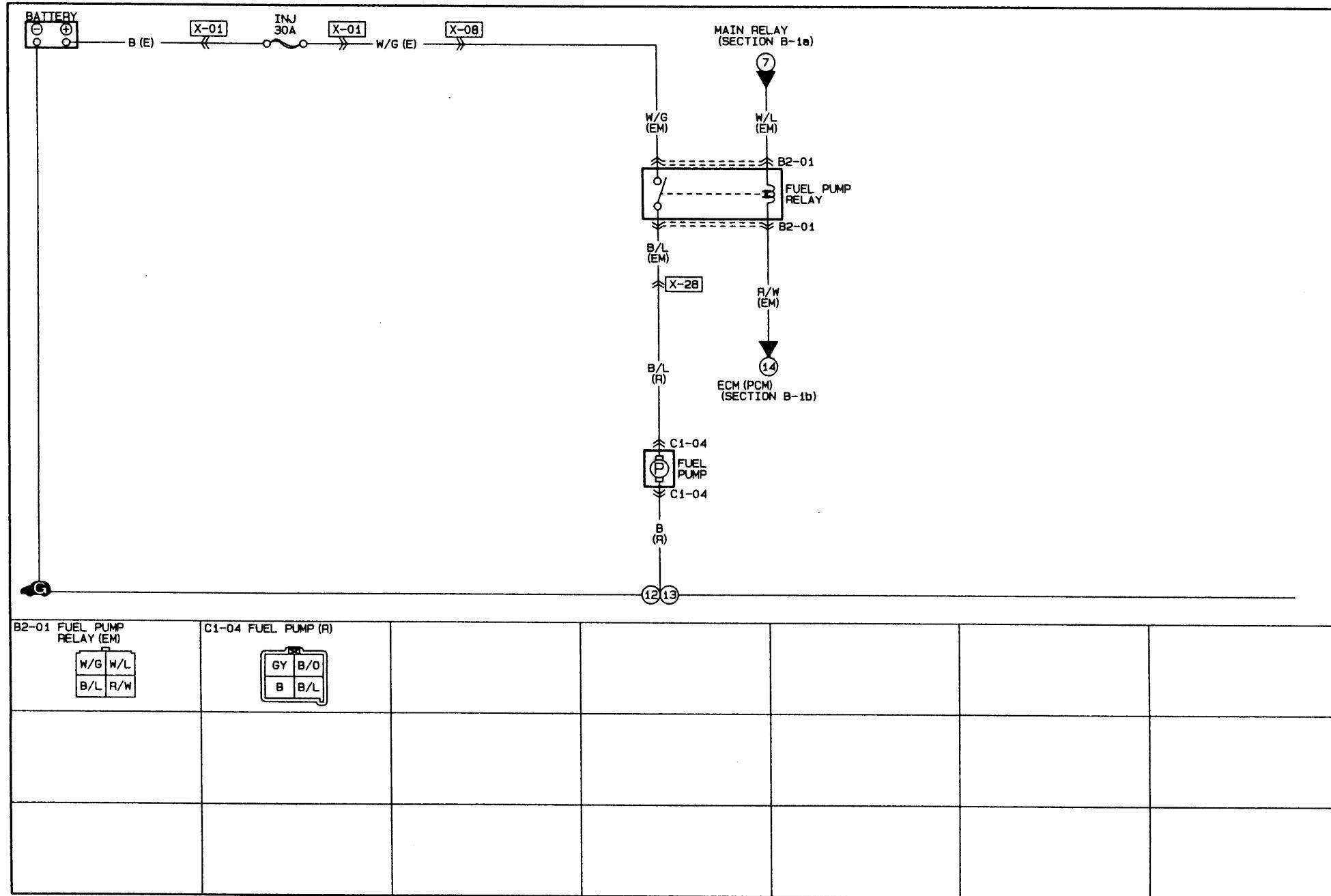
26	25	24	23*	22	21	20	19	18	17	16	15	14*
R	*	B/W	(R)	Y	O	V/Y	L/G/R	W/B	L/G	L/O	GY/R/L/G/B	
52	51	50	49	48	47	46	45	44	43*	42	41	40
W	*	B/W	*	*	V/N	W/R	V/R	*	*	G/B	*	
78	77	76	75	74	73	72	71	70	69	68	67	66
*	B/W	B/W	Y/B	Y/R	*	GY	L/Y	R/G	R/W	BR/R	*	
104	103	102	101	100	99	98	97	96	95	94	93	92*
*	B/R	*	B/Y	Y/G	LG	P/B	L/Y	*	*	V/G	(G/Y)	



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



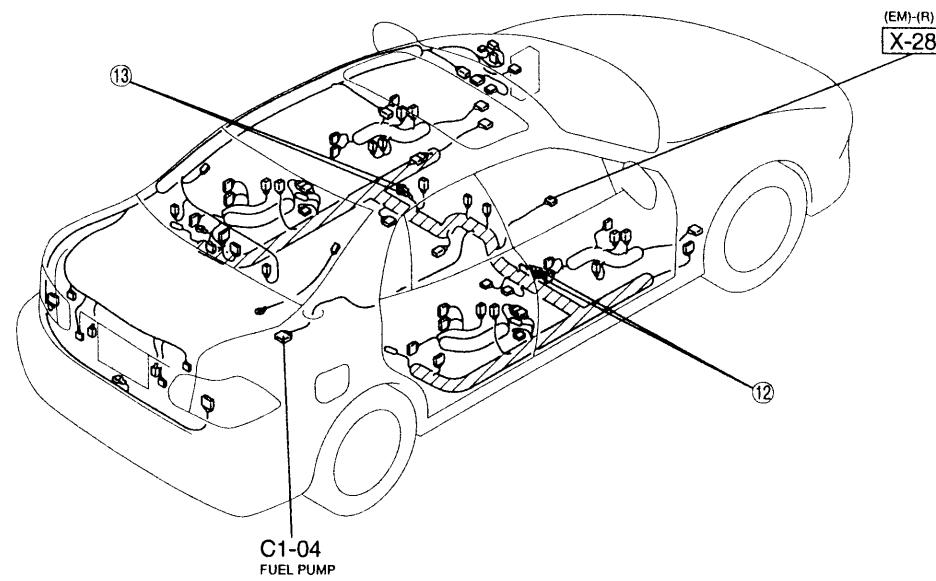
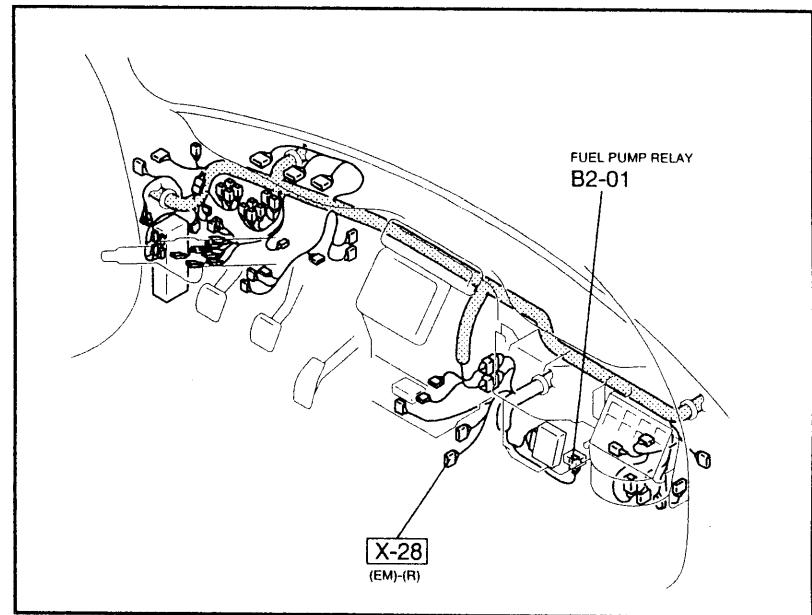
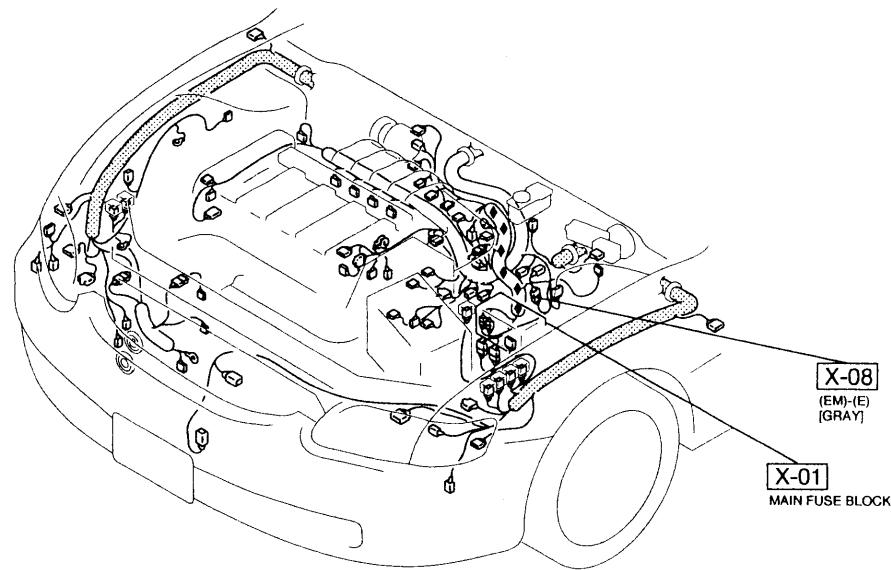
FUEL CONTROL SYSTEM



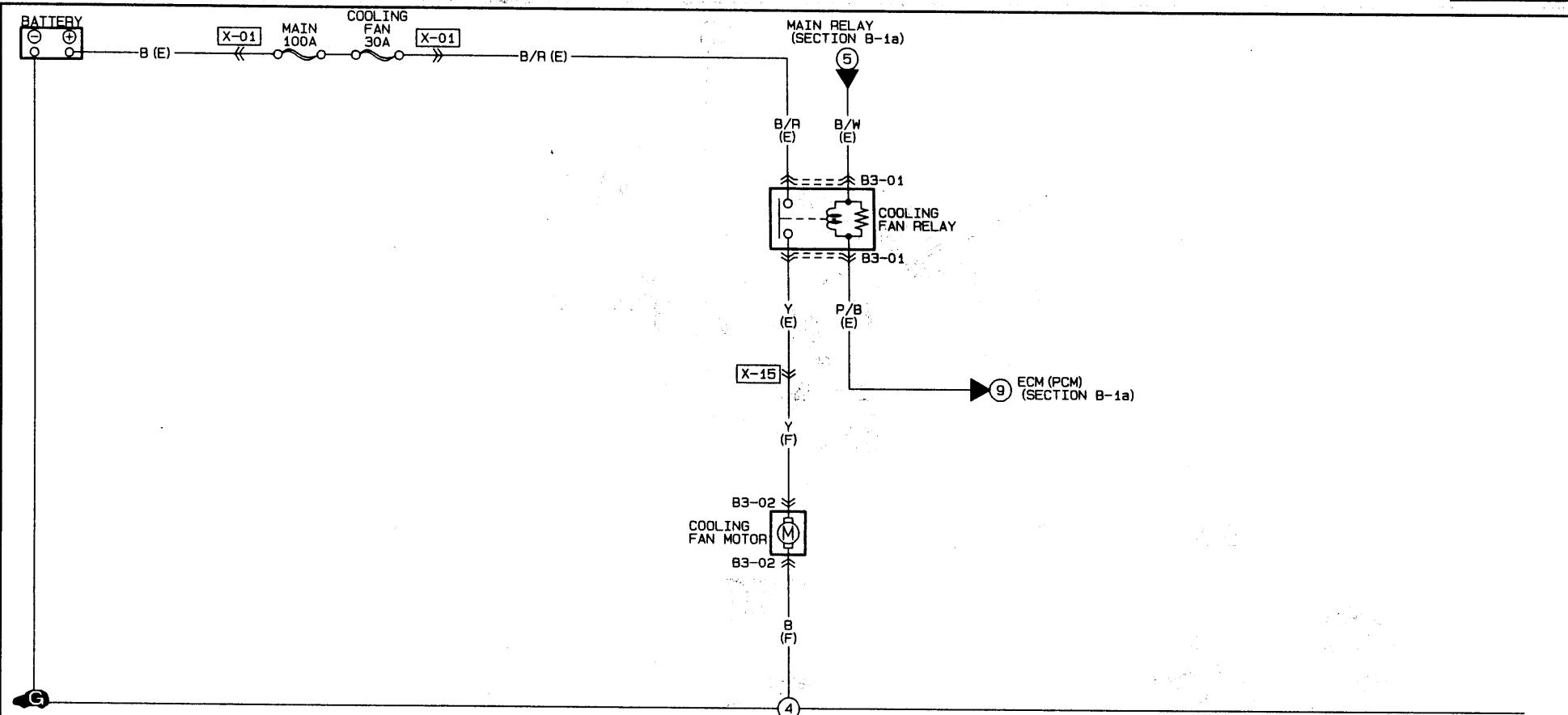
HARNESS SYMBOL : (F) (R) (E)

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Revised 4/99 (Ref. No. L049/99)



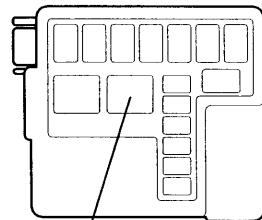
COOLING FAN SYSTEM



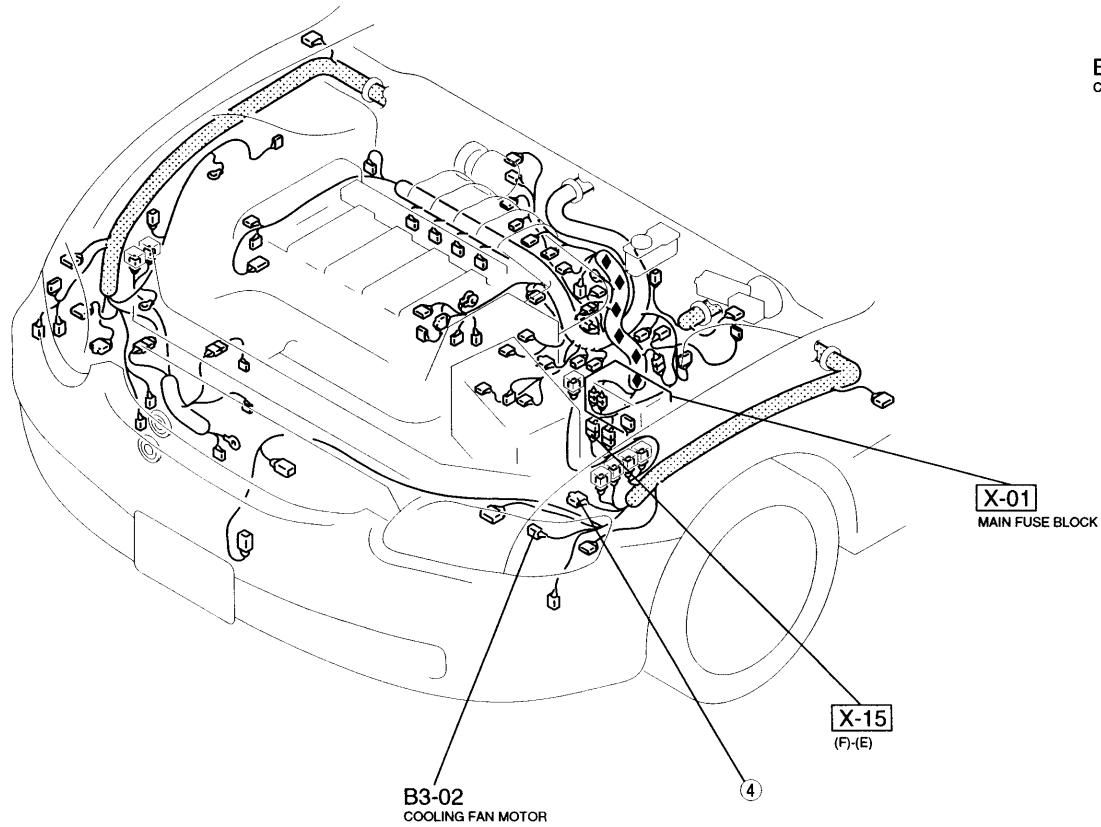
B3-01 COOLING FAN RELAY (E)	B3-02 COOLING FAN MOTOR (F)											
<table border="1"> <tr> <td>B/R</td><td>Y</td><td>B/W</td></tr> <tr> <td>*</td><td>*</td><td>P/B</td></tr> </table>	B/R	Y	B/W	*	*	P/B						
B/R	Y	B/W										
*	*	P/B										

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

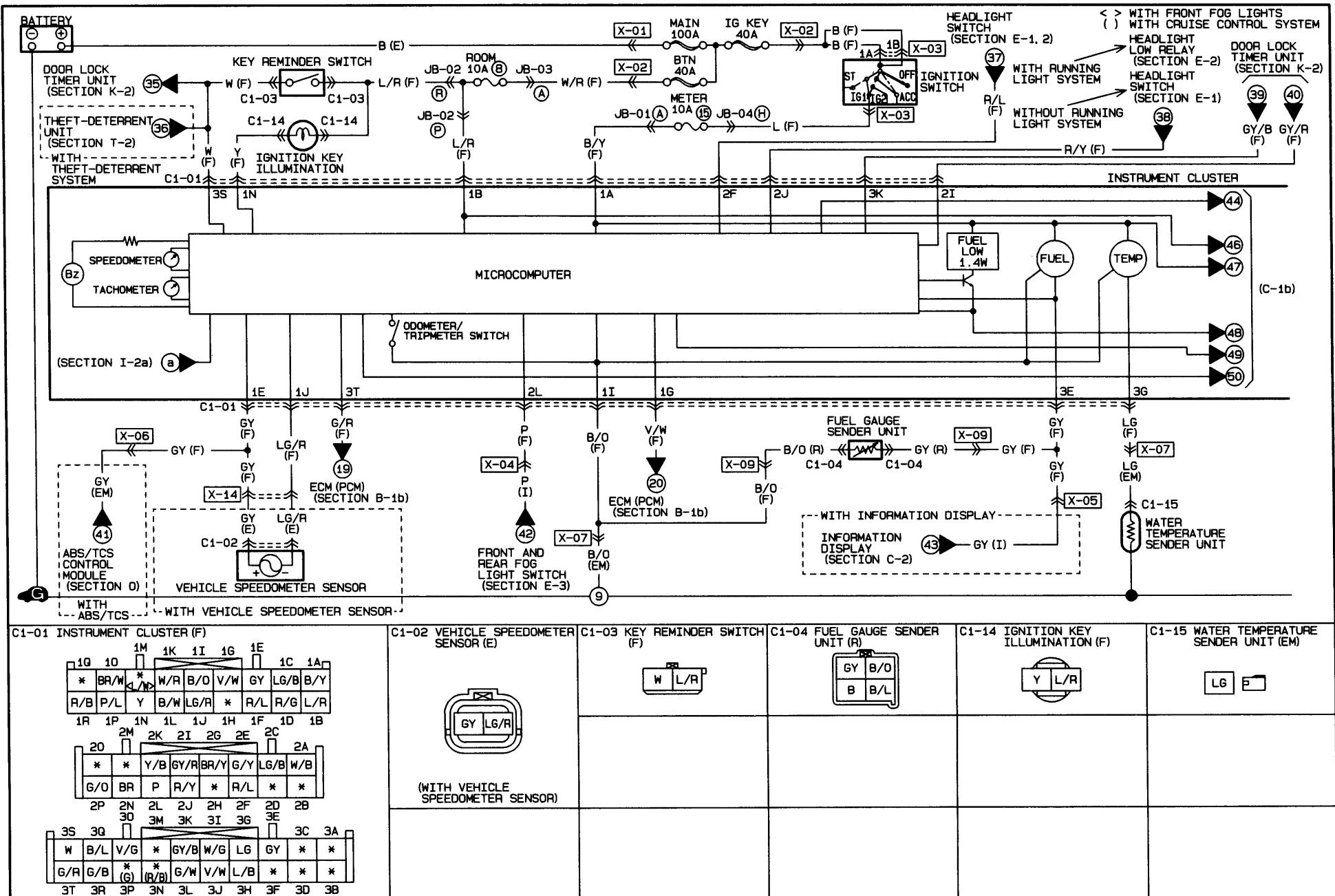
MAIN FUSE BLOCK



B3-01
COOLING FAN RELAY

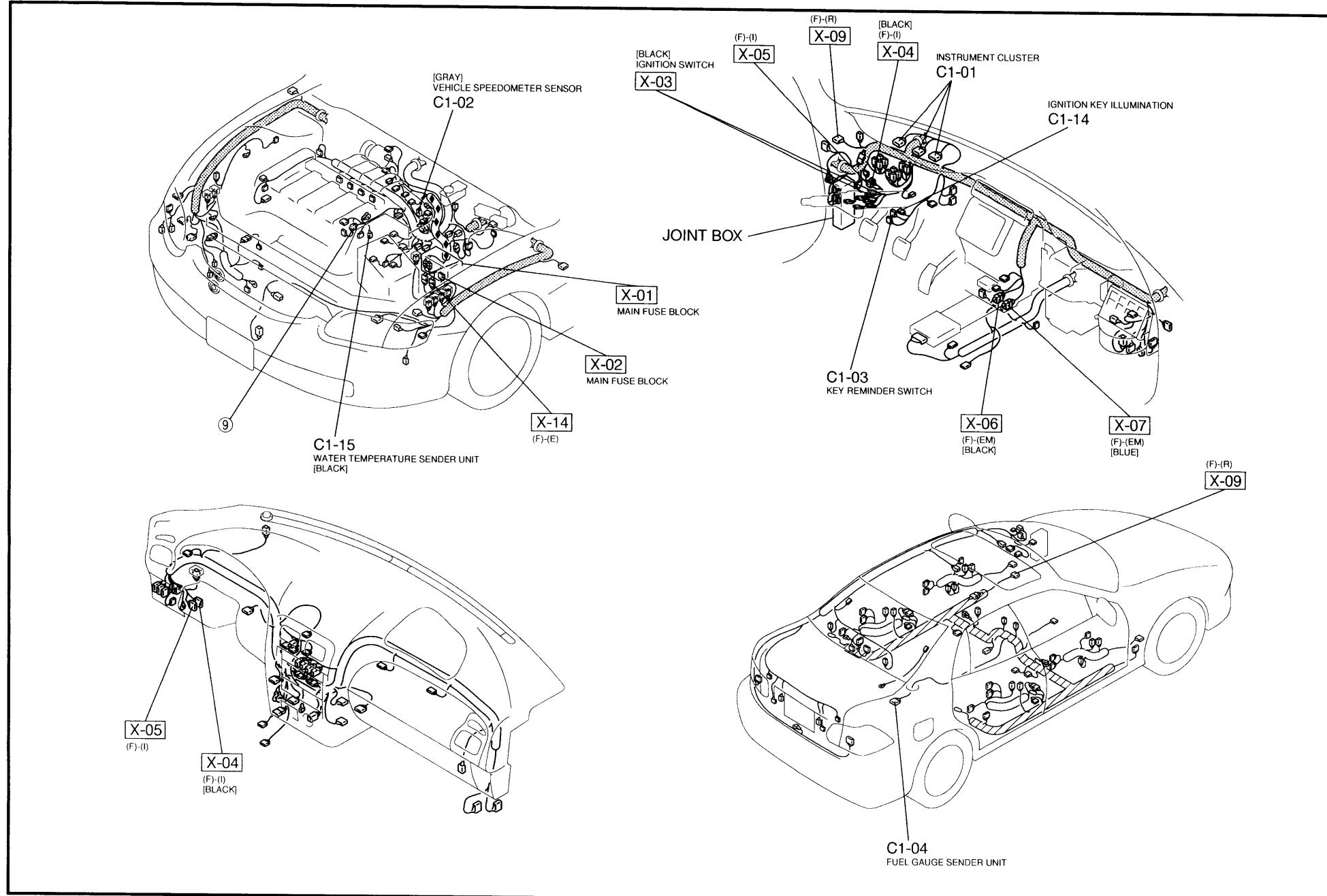


INSTRUMENT CLUSTER

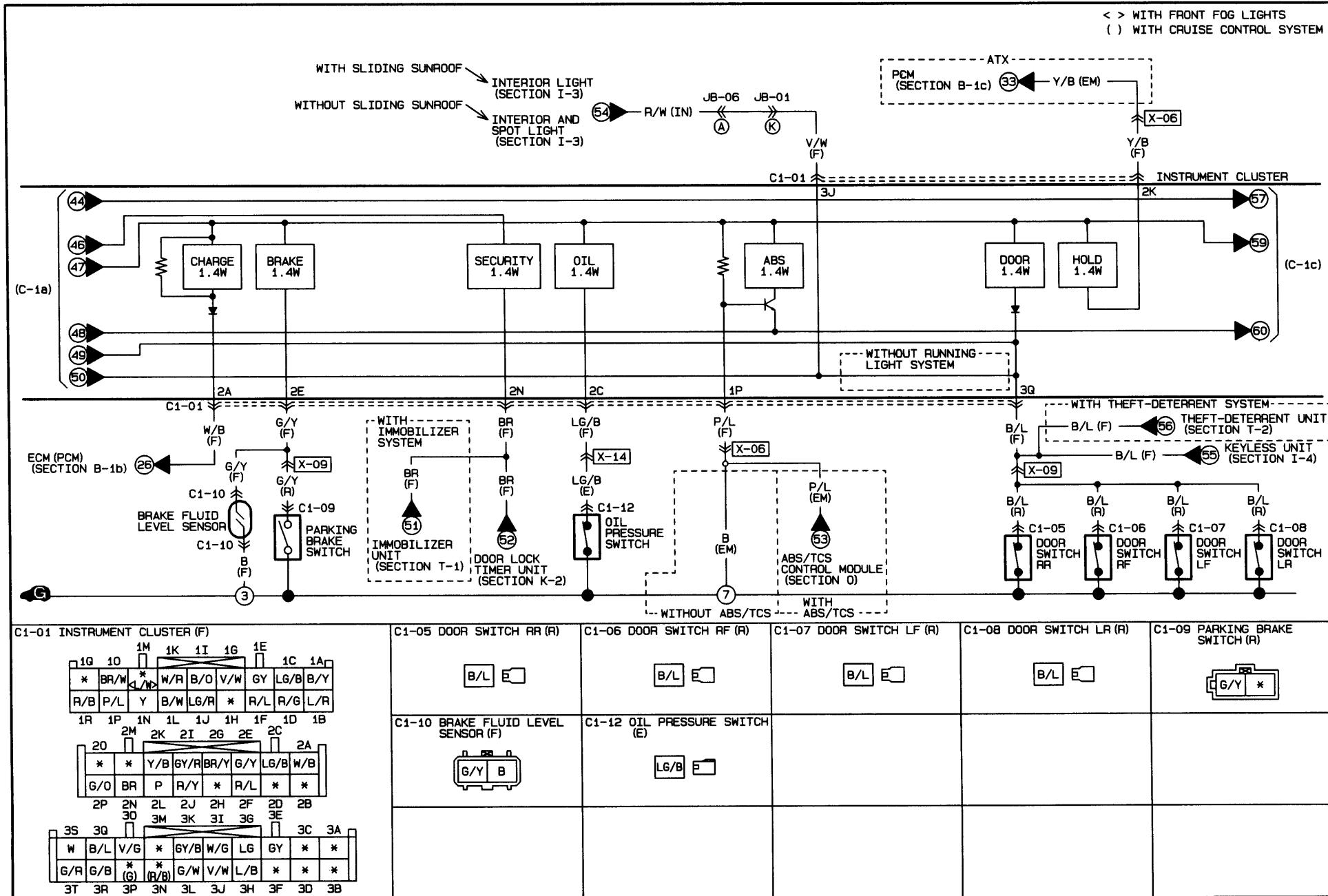


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HARNESS SYMBOL :  (F)  (R)  (E)



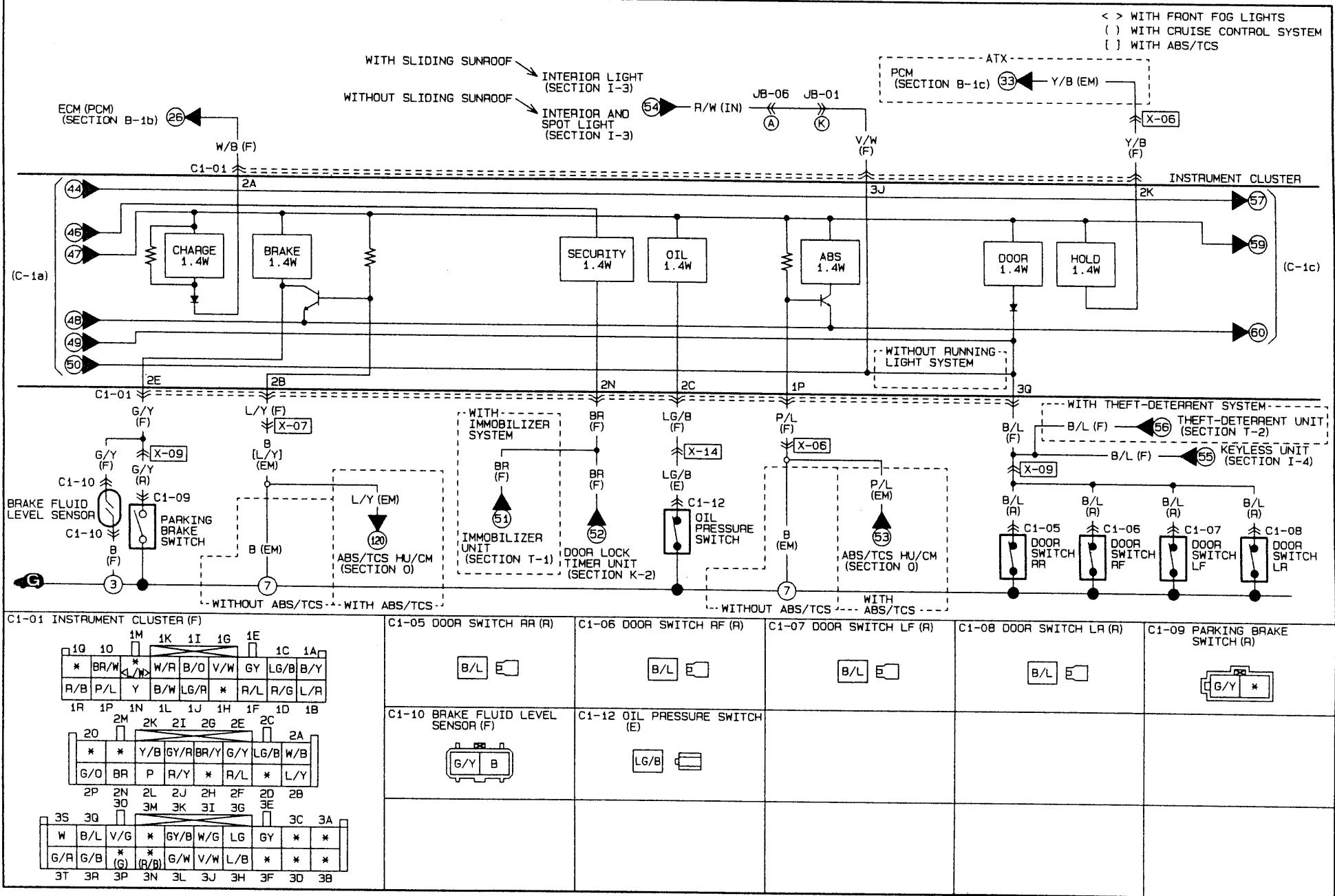
INSTRUMENT CLUSTER



INSTRUMENT CLUSTER

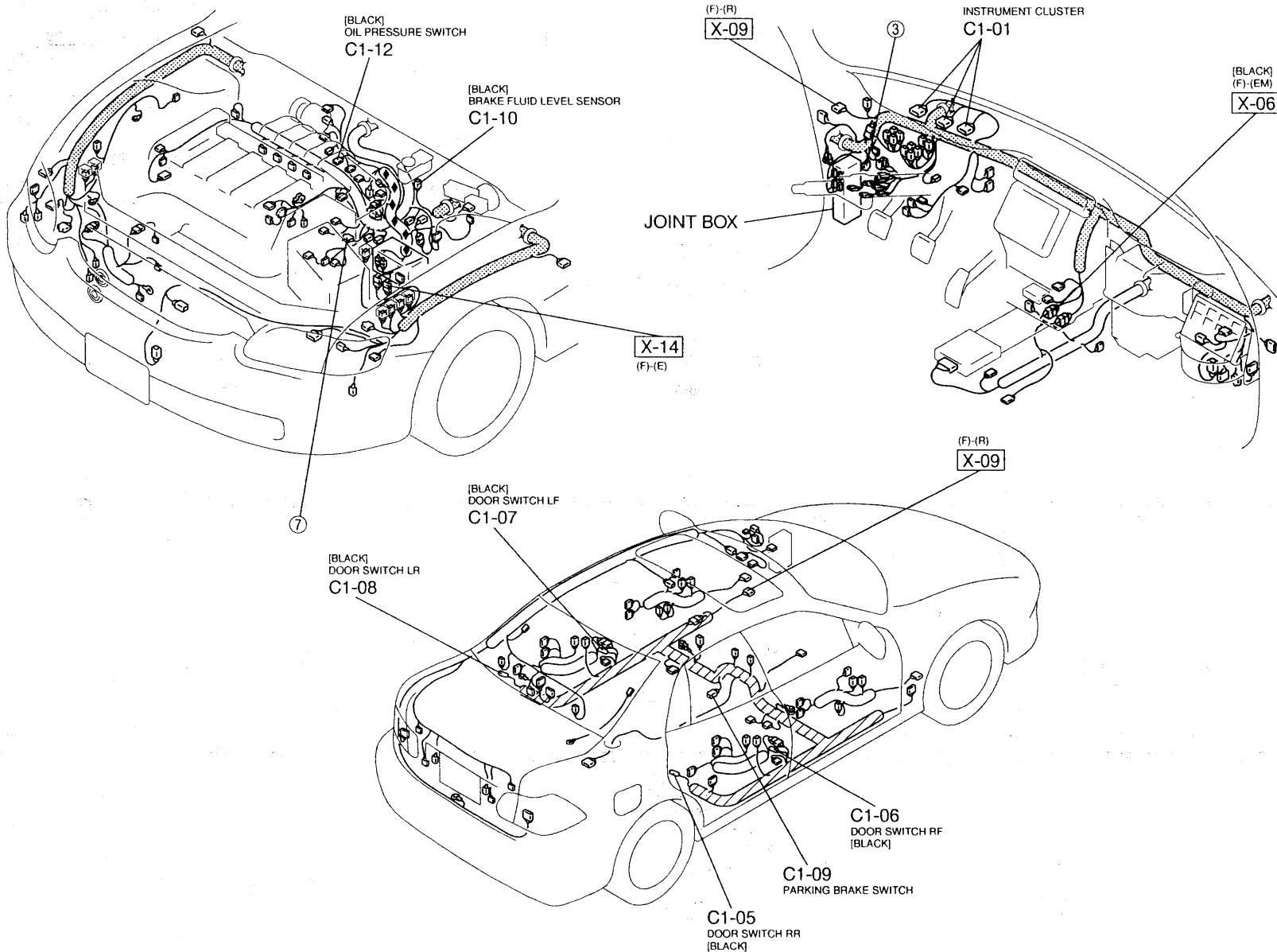
Mazda 626 Wiring Diagram (5406-10-97D)

Applied VIN (assumed):
 JMZ GF12F***# 229774—
 JMZ GF12P2***# 229774—
 JMZ GF12P2***# 229774—



JMZ GF14F***# 229774—
 JMZ GF14P2***# 229774—
 JMZ GF14S***# 229774—

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

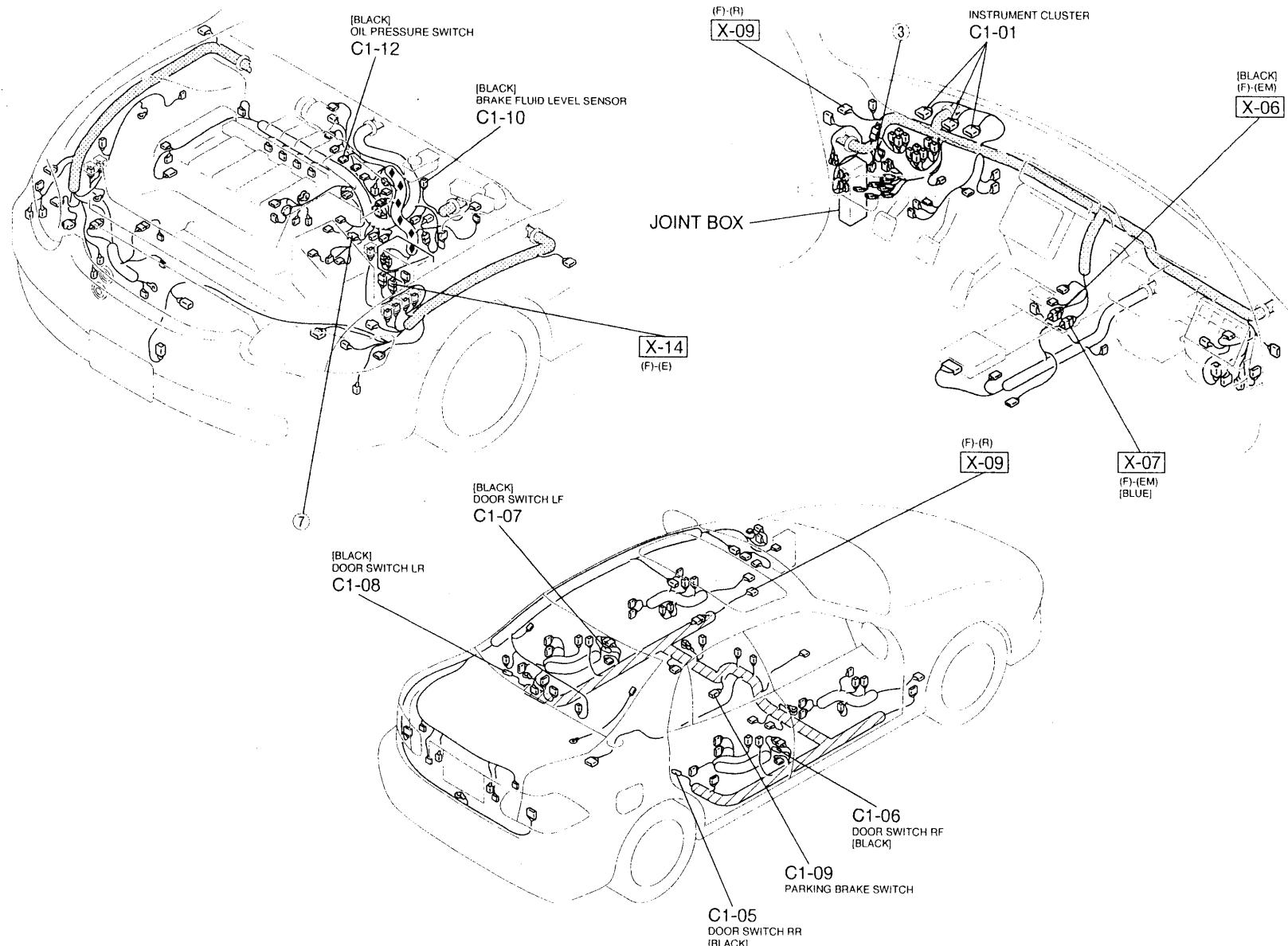


HARNESS SYMBOL :  (F)  (R)  (E)

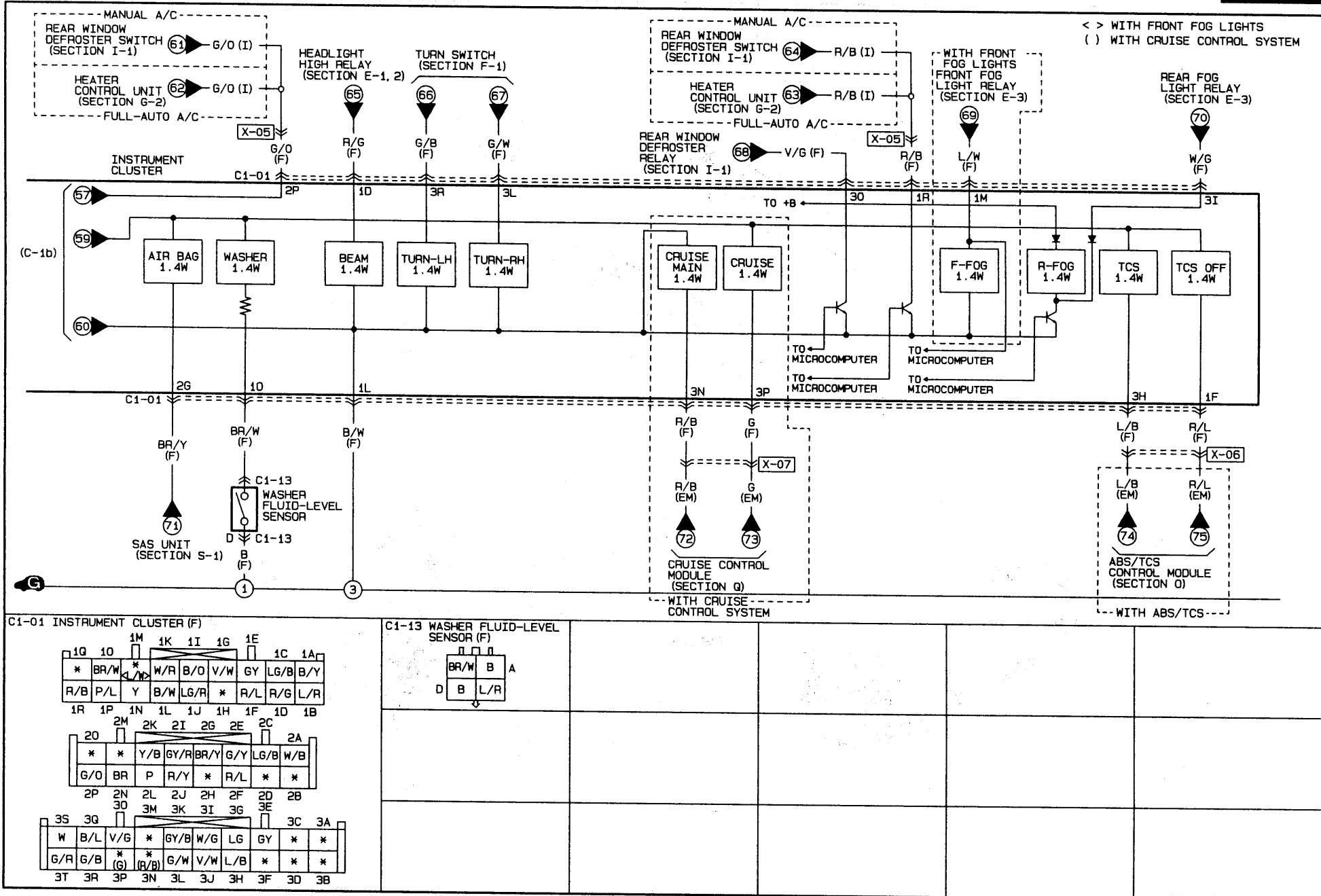
Mazda 626 Wiring Diagram (5406-10-97D)

Applied VIN (assumed) :
 JMZ GF12P2***# 229774
 JMZ GF12P2**# 229774—

JMZ GF14F***# 229774—
 JMZ GF14P2**# 229774—
 JMZ GF14S***# 229774—



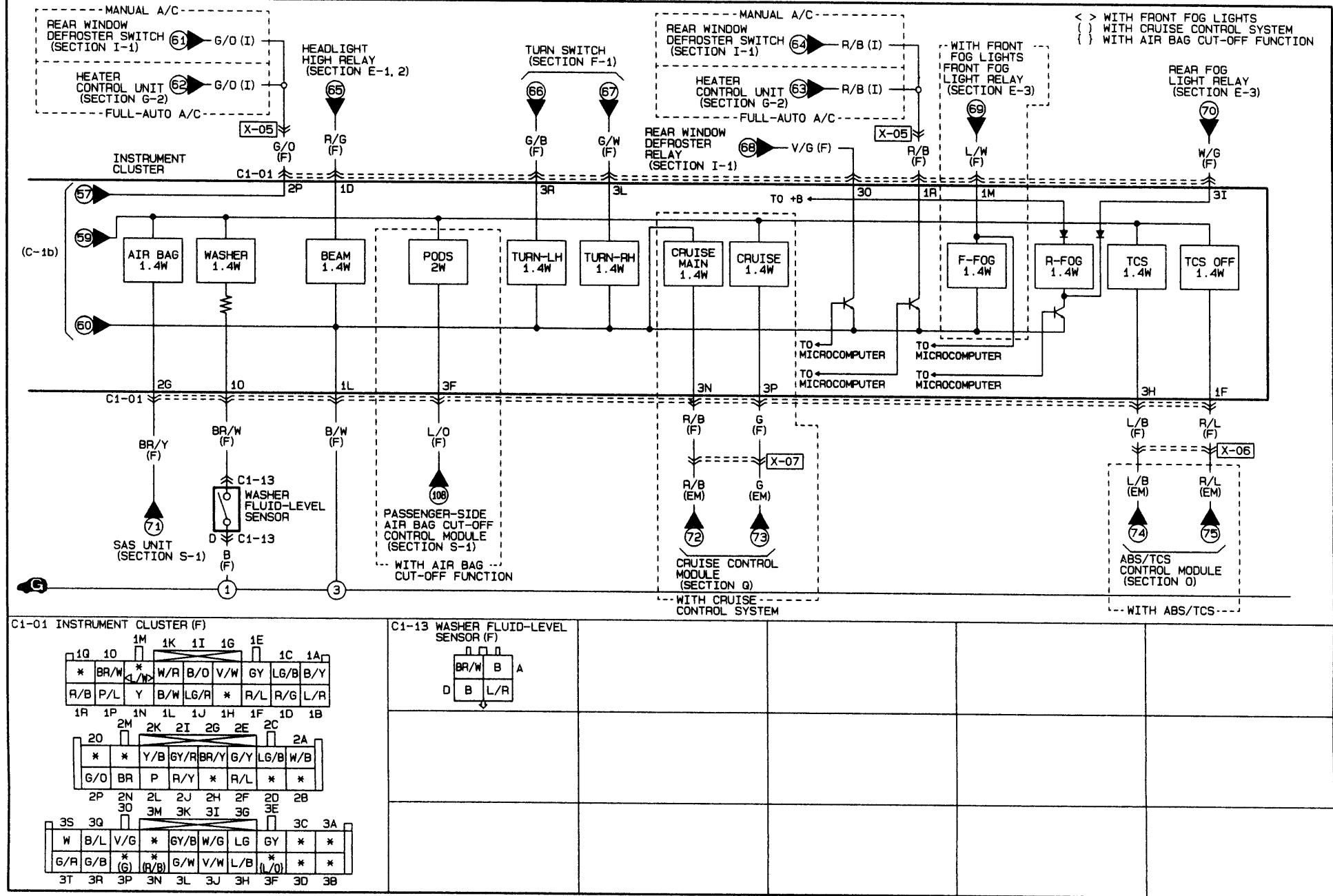
INSTRUMENT CLUSTER



INSTRUMENT CLUSTER

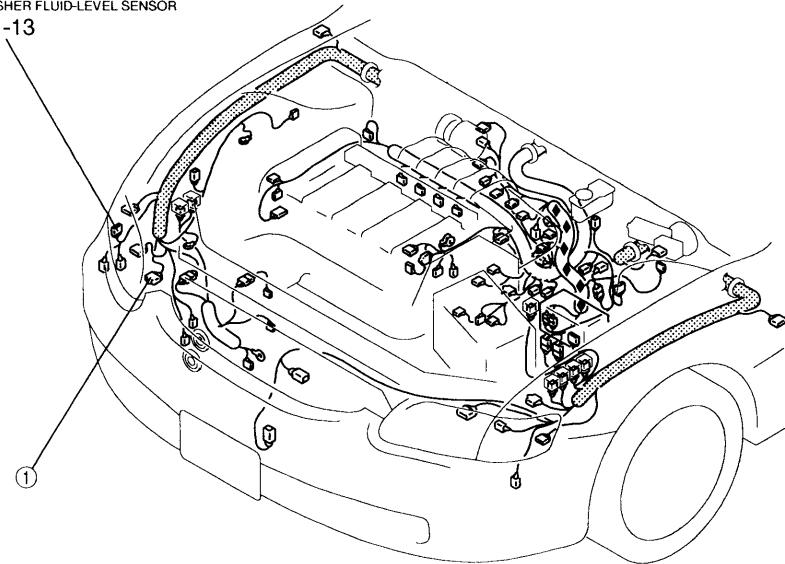
Applied VIN:
 JMZ GF1 * P* 01 152024-
 JMZ GF1 * S* 01 152964-

< > WITH FRONT FOG LIGHTS
 () WITH CRUISE CONTROL SYSTEM
 () WITH AIR BAG CUT-OFF FUNCTION

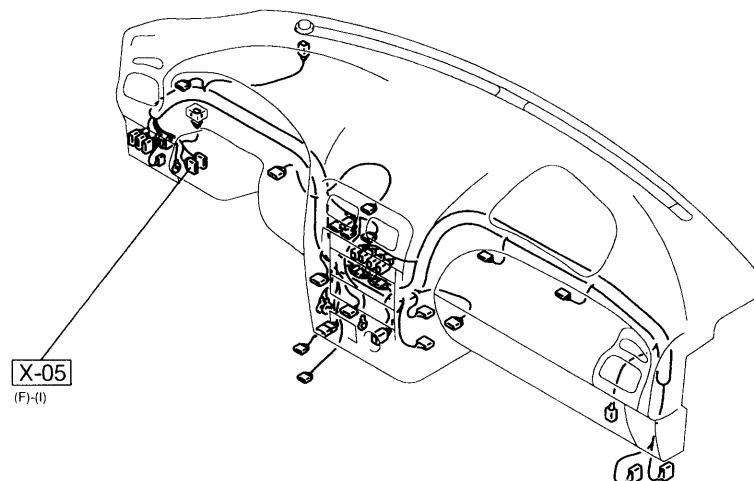
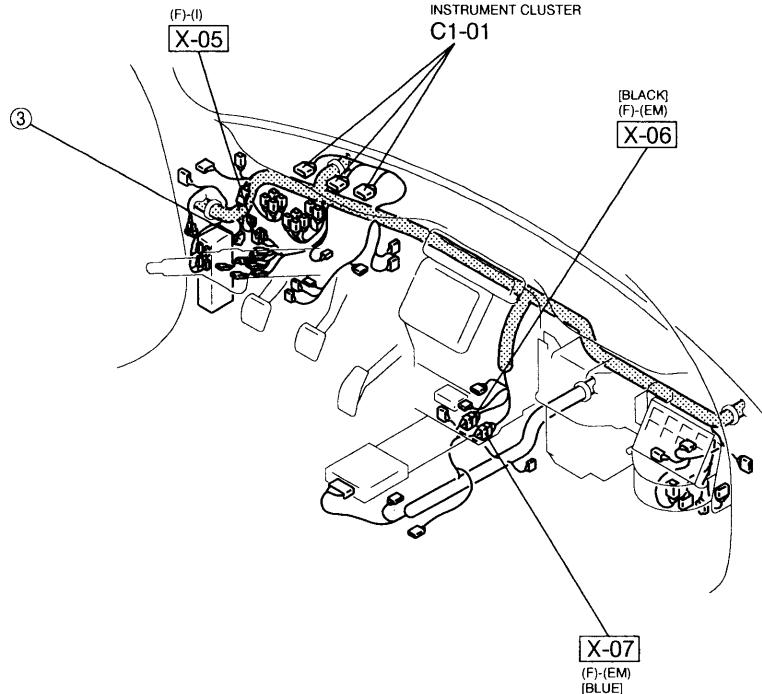


HARNESS SYMBOL :  (F)  (R)  (E)

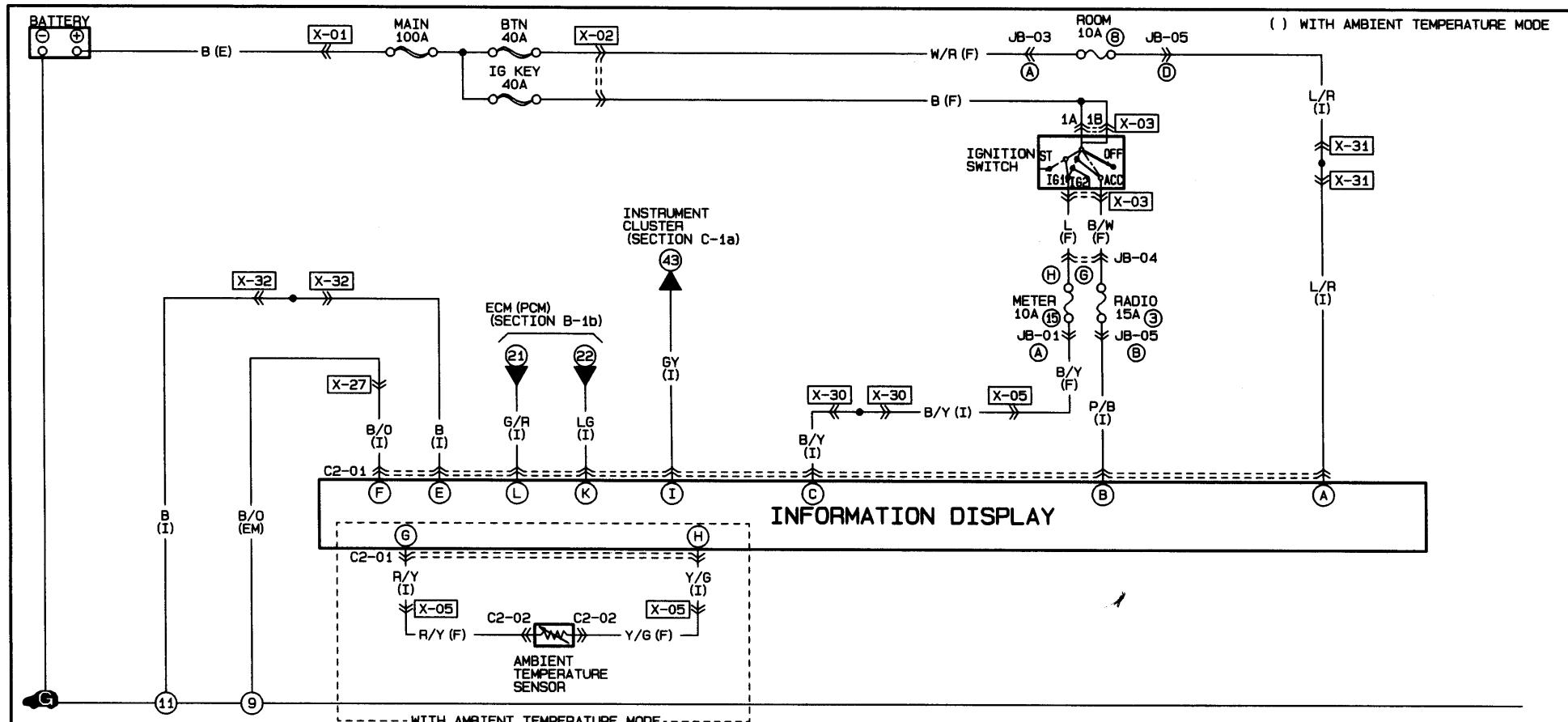
WASHER FLUID-LEVEL SENSOR
C1-13



INSTRUMENT CLUSTER
C1-01



INFORMATION DISPLAY

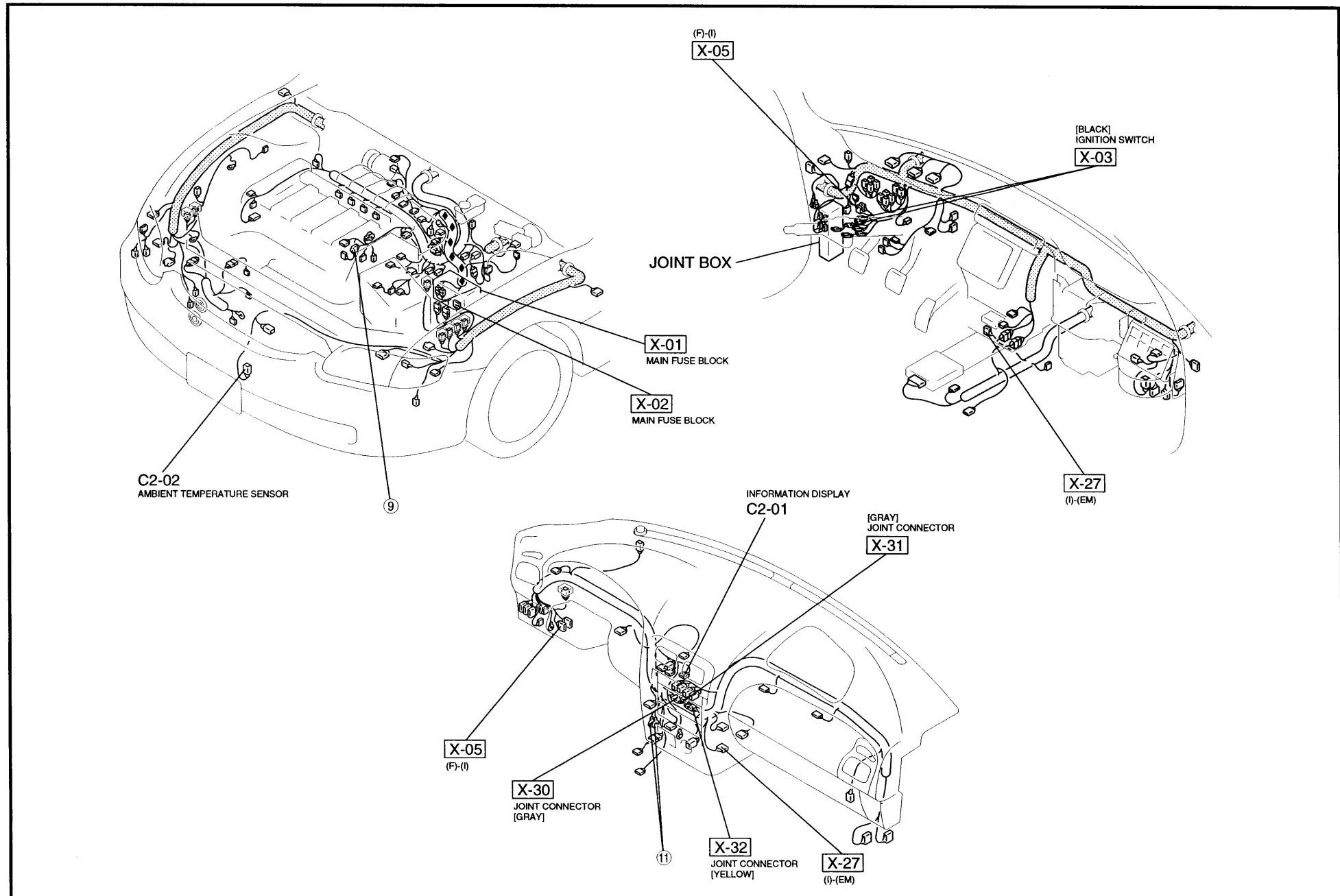


C2-01 INFORMATION DISPLAY (I)		C2-02 AMBIENT TEMPERATURE SENSOR (F)					
0	M K I G E C A						
W/R *	LG GY * (B/Y)						
*	*	G/R *	*				
P N L J H F D B	(Y/G)	B/O LG/B P/B					
(WITH AMBIENT TEMPERATURE MODE)							

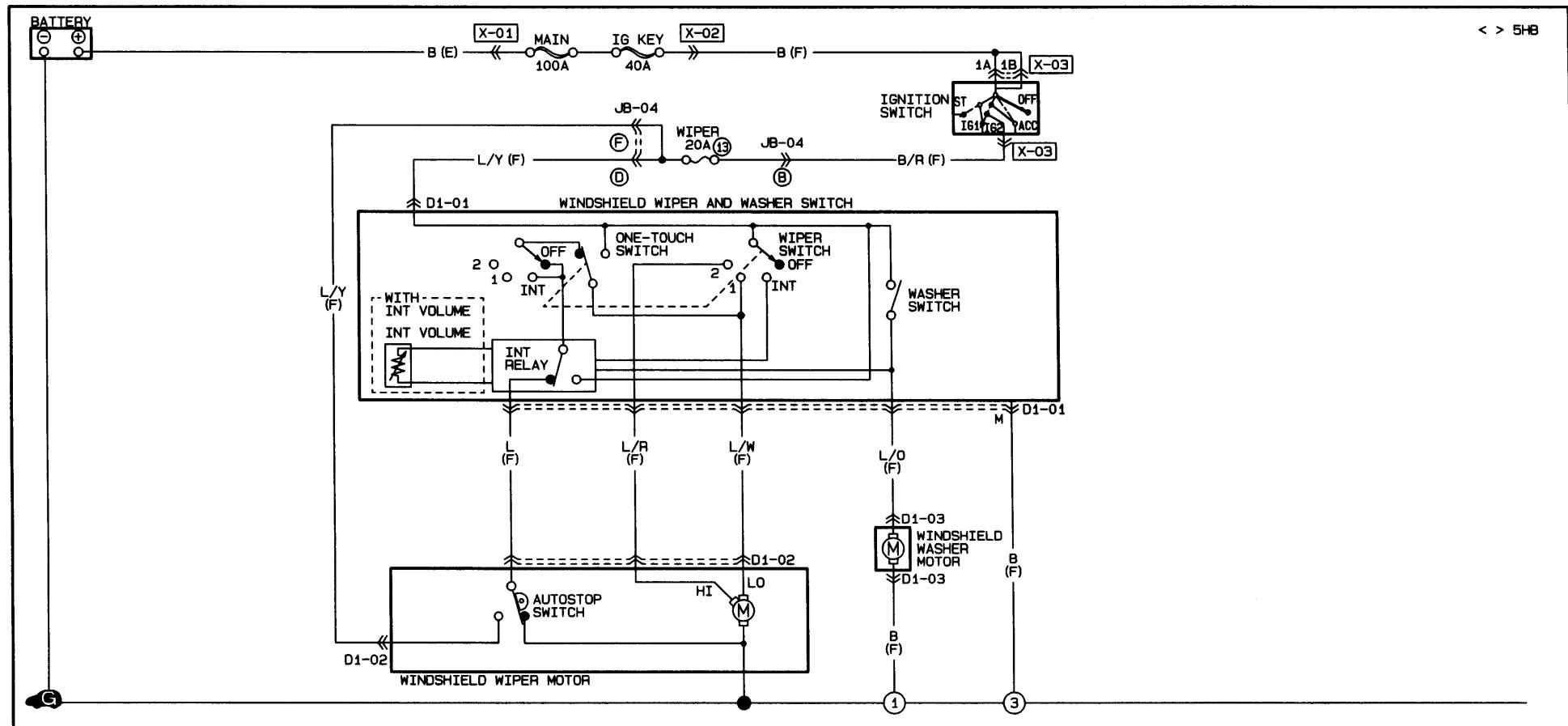
SI

PI

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



WINDSHIELD WIPER AND WASHER



D1-01 WINDSHIELD WIPER AND WASHER SWITCH (F)

M		L/R		B		L/W		L/Y		L		L/O	
*	*	*	*	*	*	*	*	*	*	*	*	*	*

F

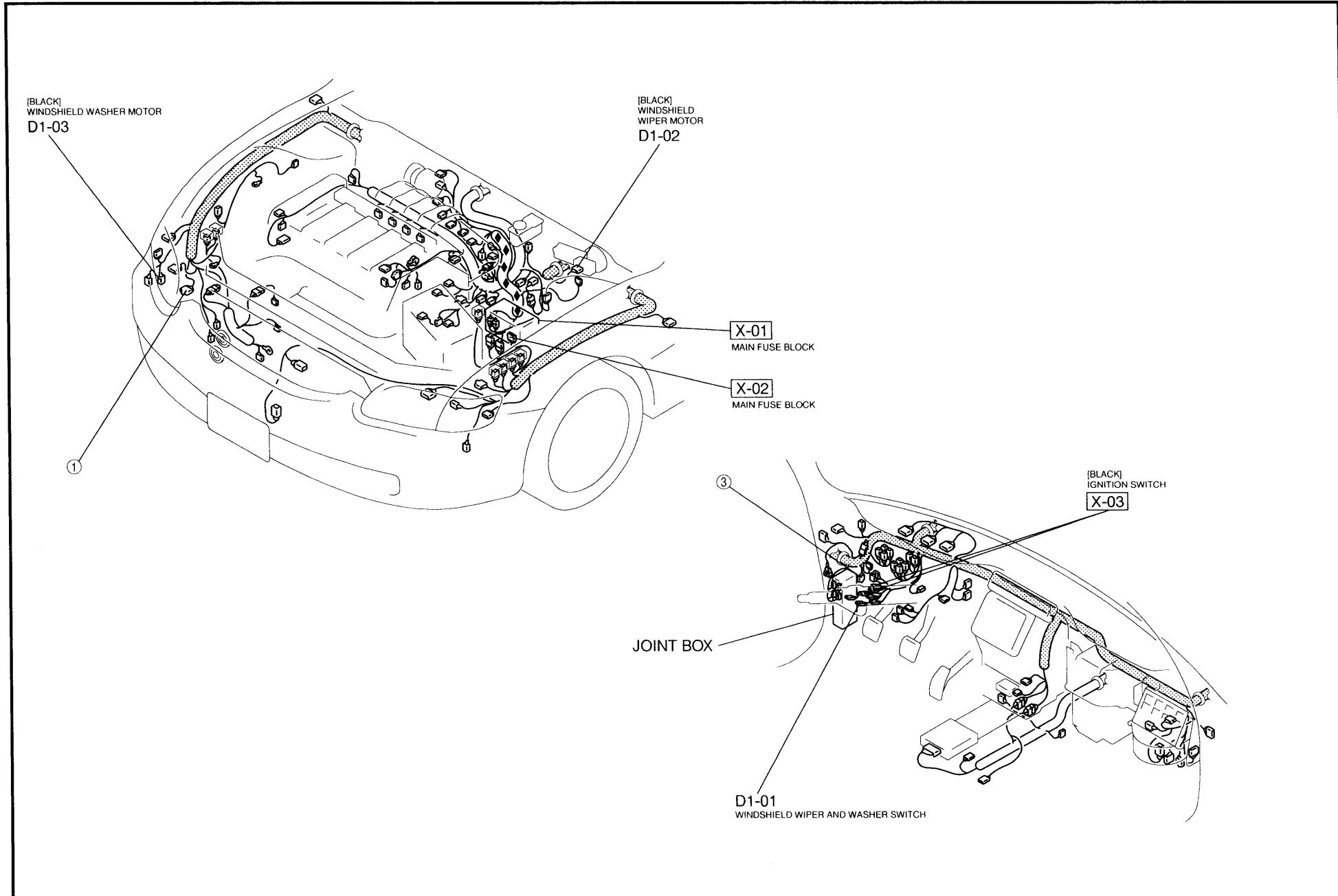
D1-02 WINDSHIELD WIPER MOTOR (F)

L	L/W
L/Y	L/R

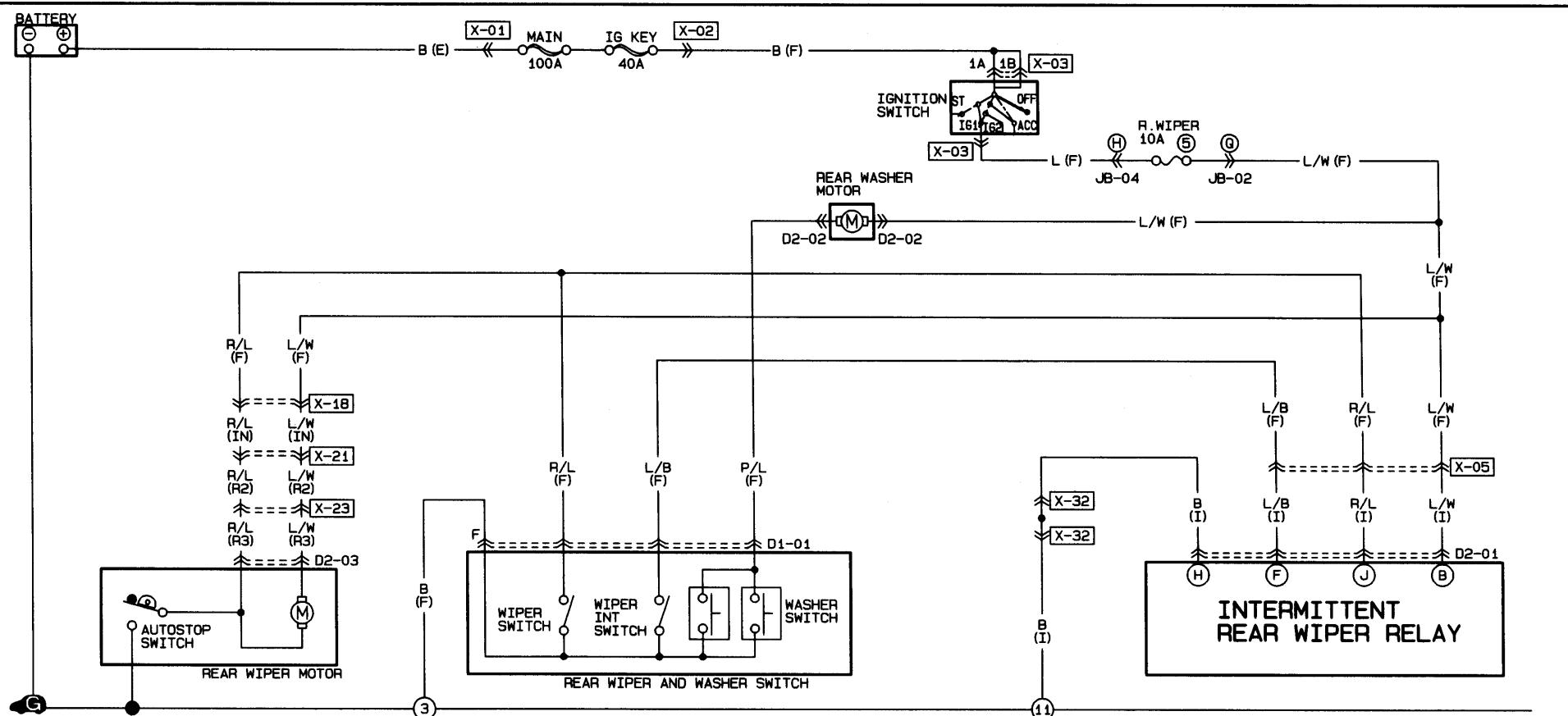
D1-03 WINDSHIELD WASHER MOTOR (F)

B
L/O

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



REAR WIPER AND WASHER



D2-01 INTERMITTENT REAR WIPER RELAY (I)

I	C	A		
*	X			
R/L	B	L/B		
J	H	F	D	B

D2-02 REAR WASHER MOTOR (F)



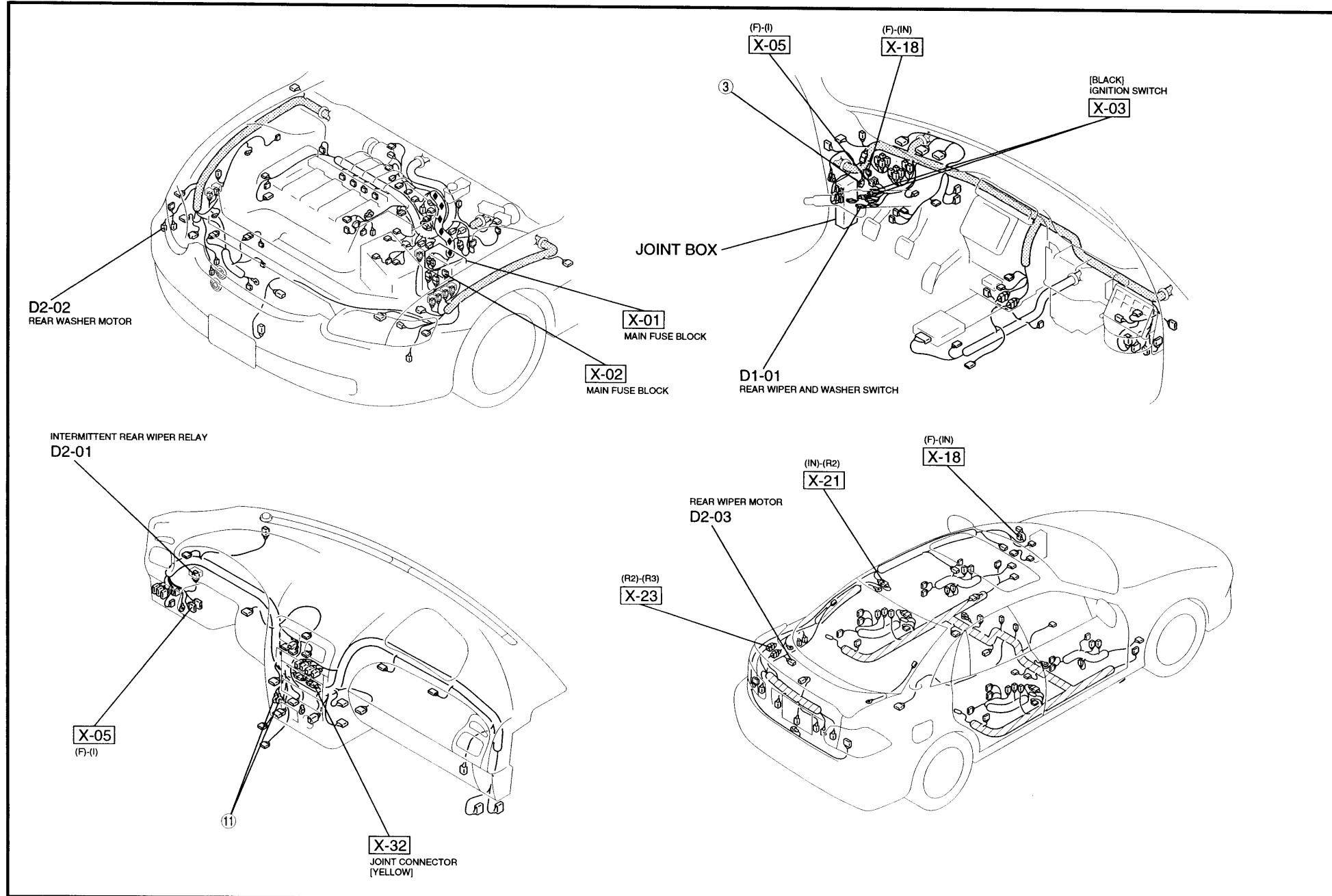
D2-03 REAR WIPER MOTOR (R3)



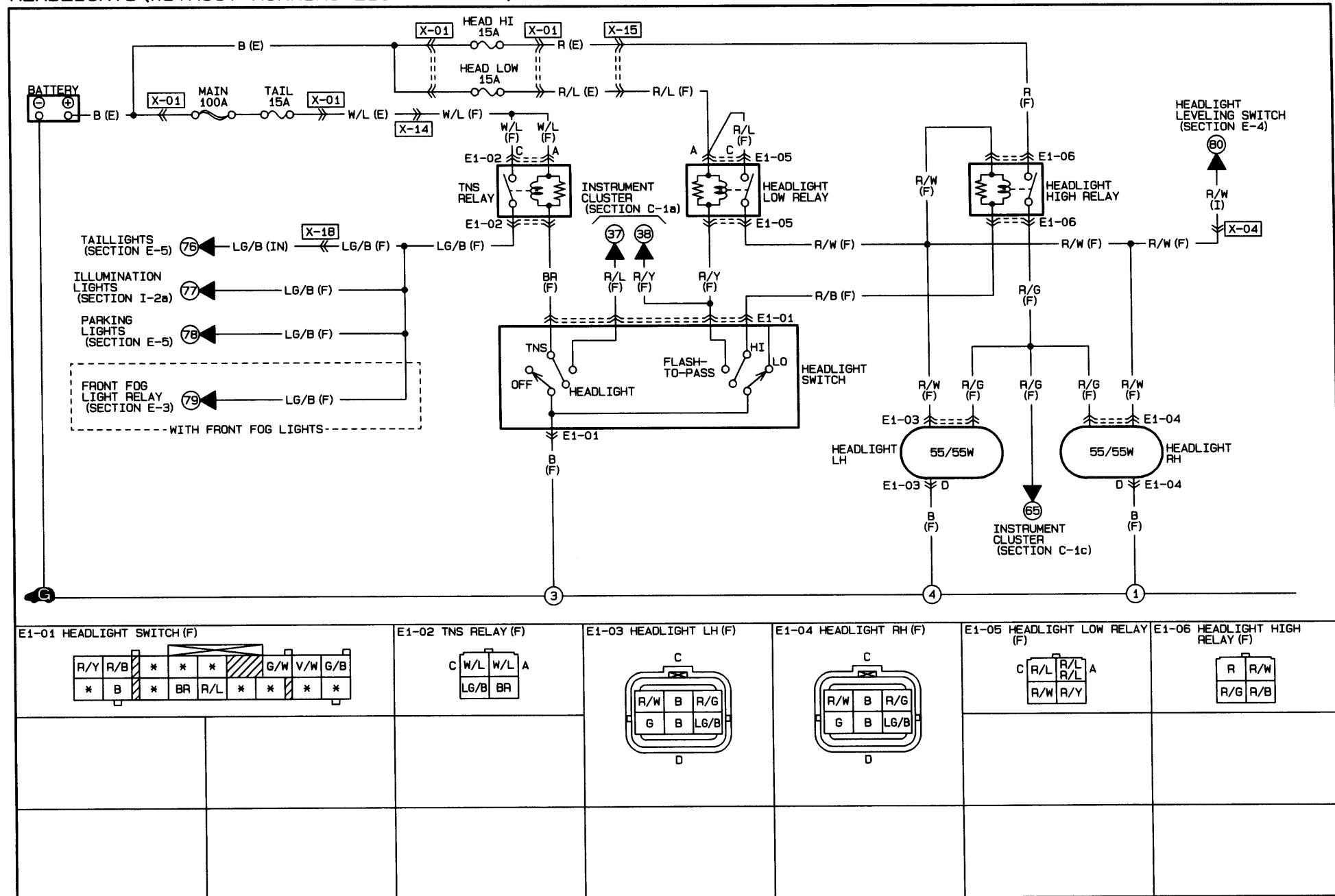
D1-01 REAR WIPER AND WASHER SWITCH (F)

M	L/R	B	L/W	X	L/Y	L	L/O	
F	*	*	R/L	P/L	L/B	B	*	*

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



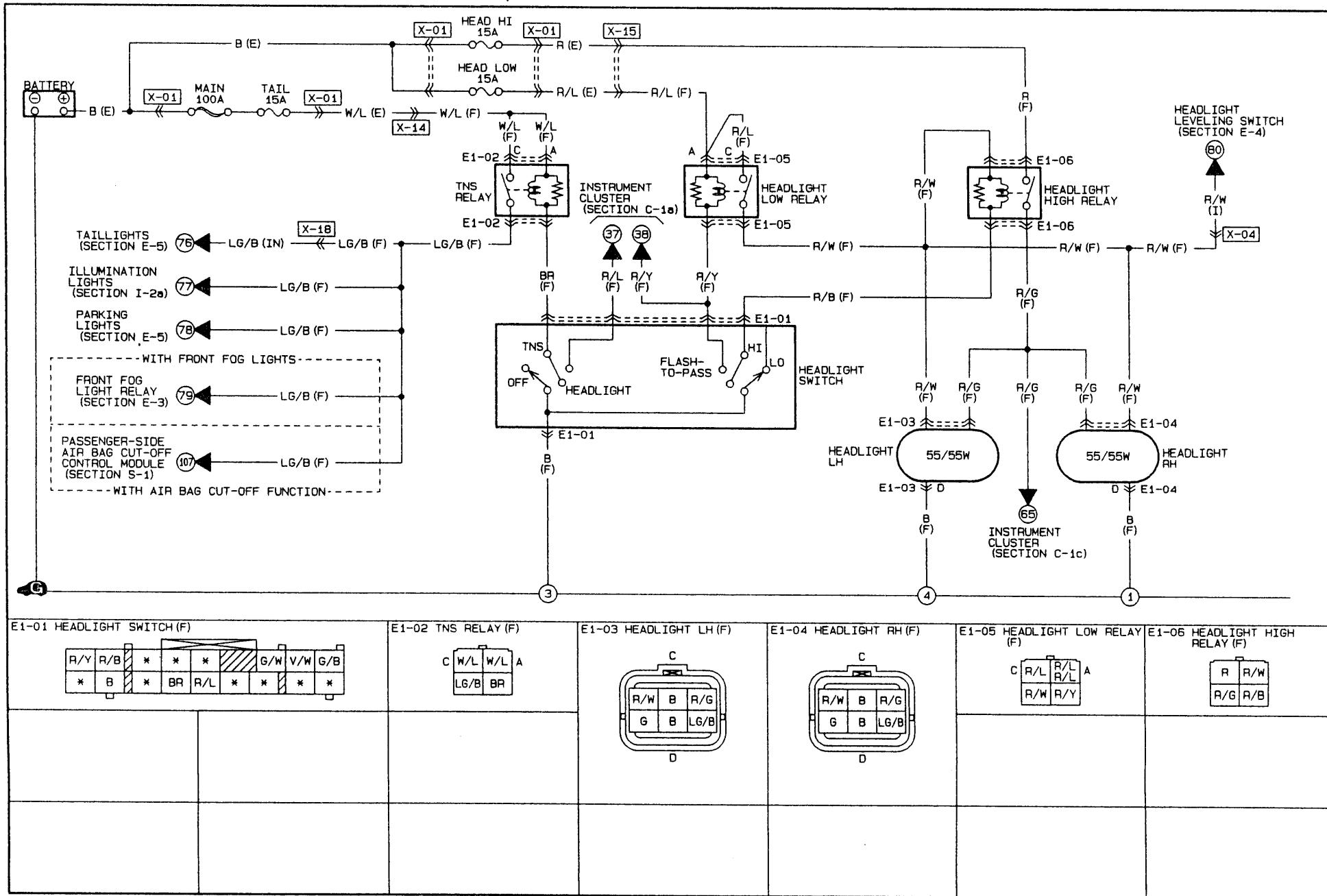
HEADLIGHTS (WITHOUT RUNNING LIGHT SYSTEM)



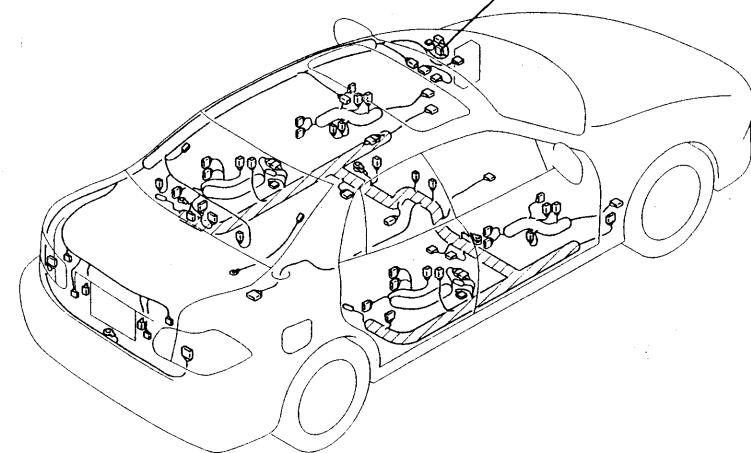
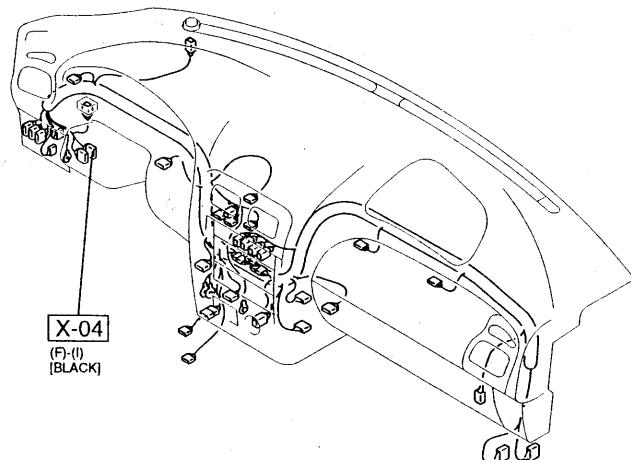
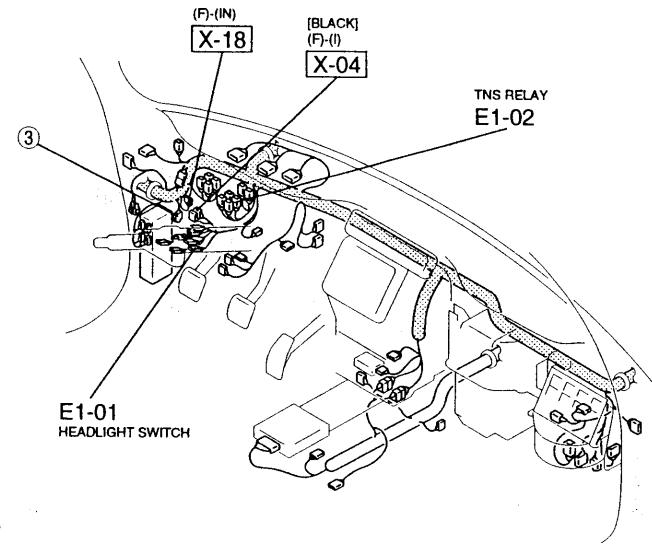
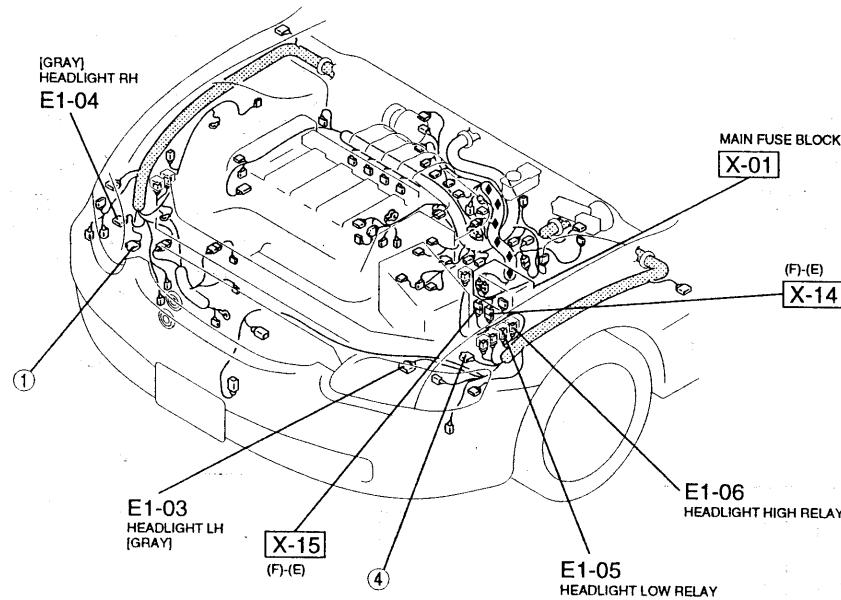
HEADLIGHTS (WITHOUT RUNNING LIGHT SYSTEM)

Applied VIN:
JMZ GF1 * P * 01 153024-
JMZ GF1 * S * 01 152964-

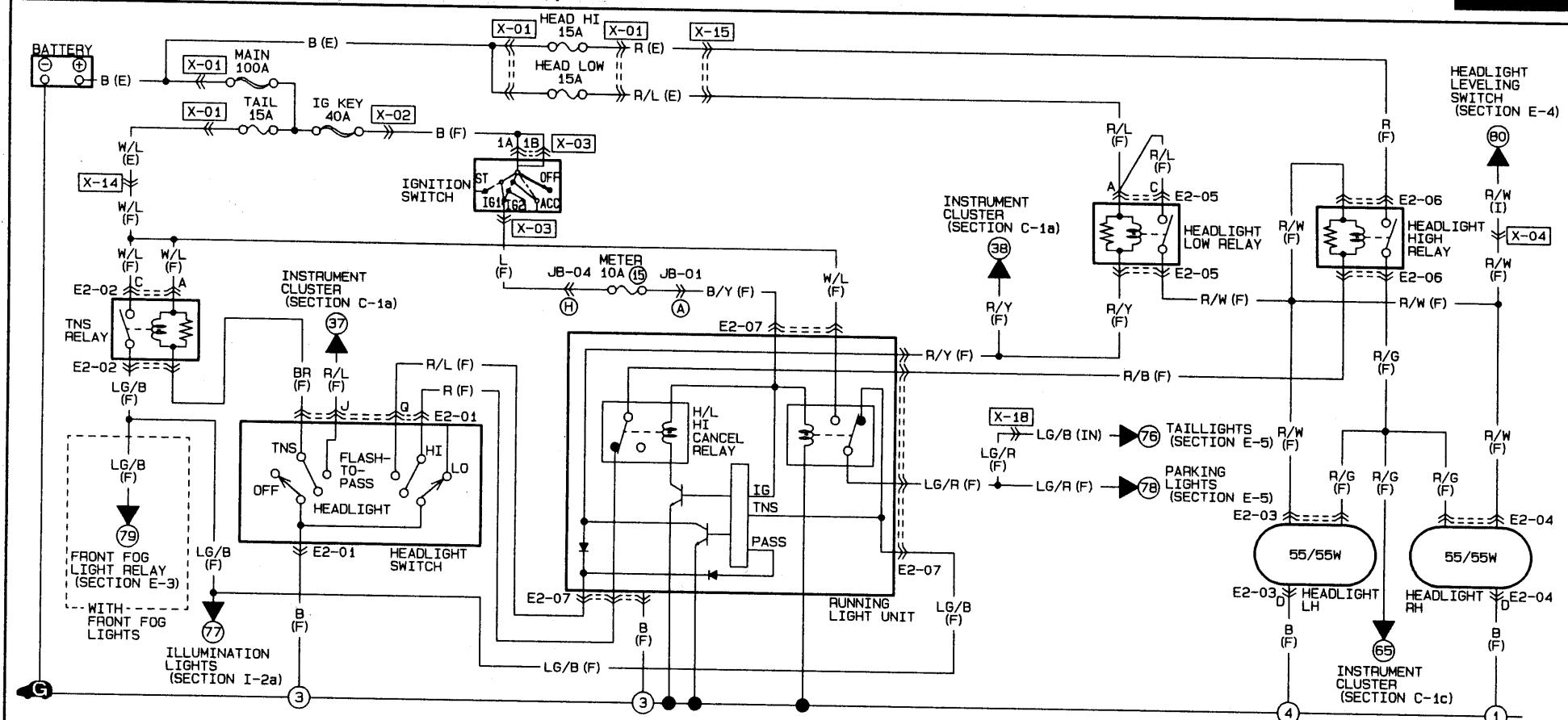
Mazda 626 Wiring Diagram (5406-10-97D)



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

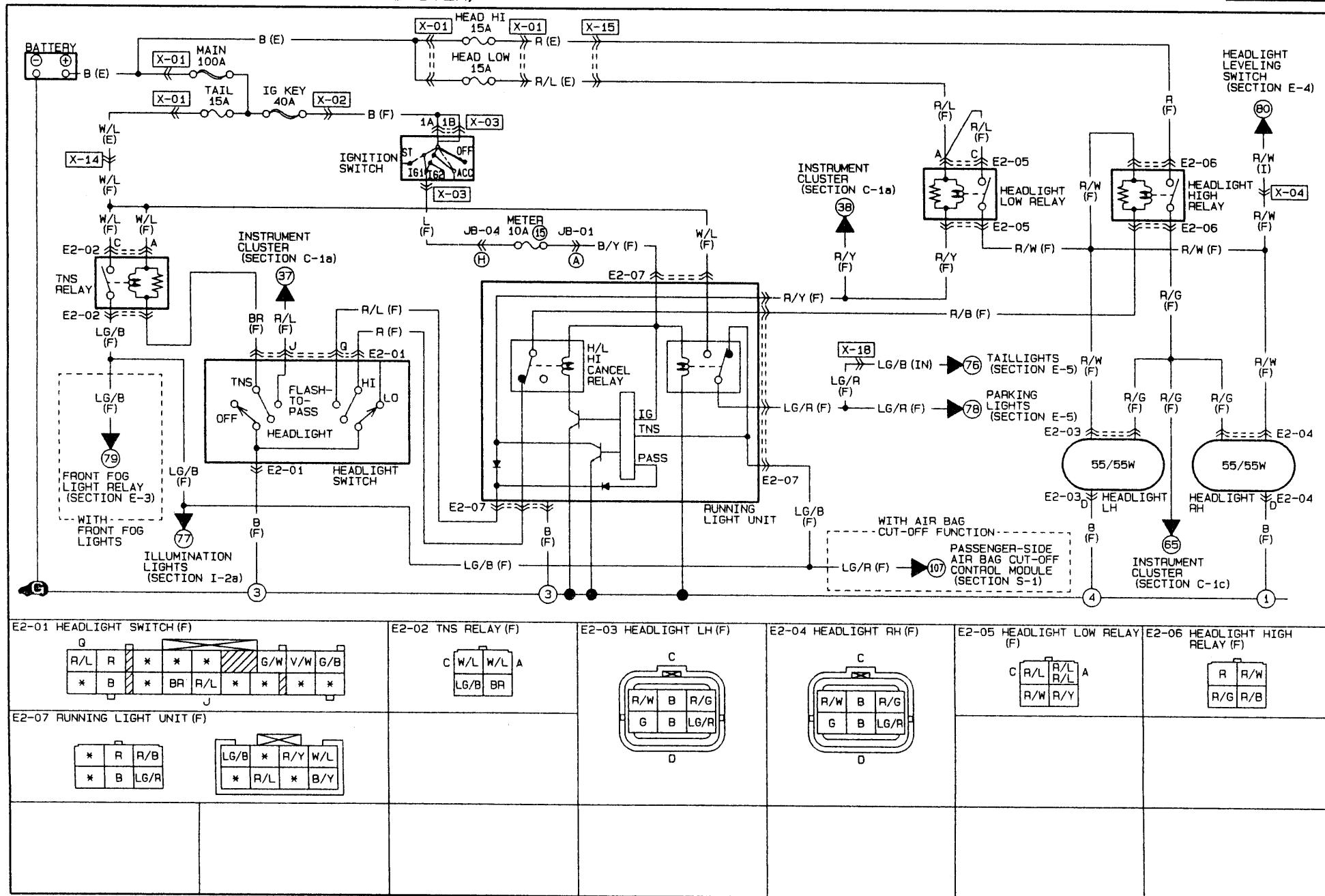


HEADLIGHTS (WITH RUNNING LIGHT SYSTEM)



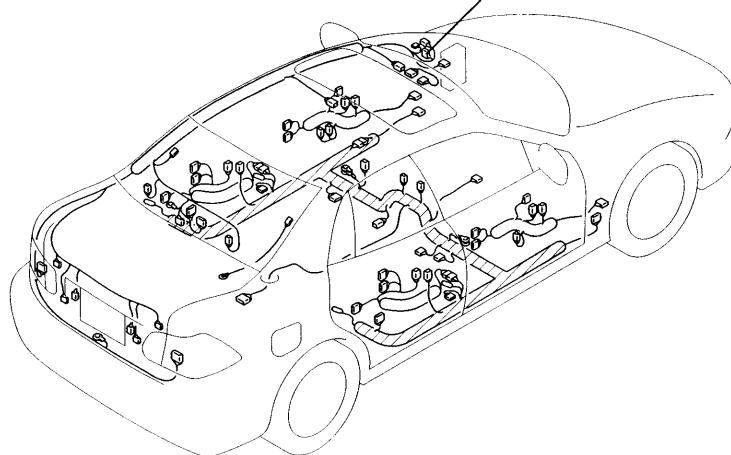
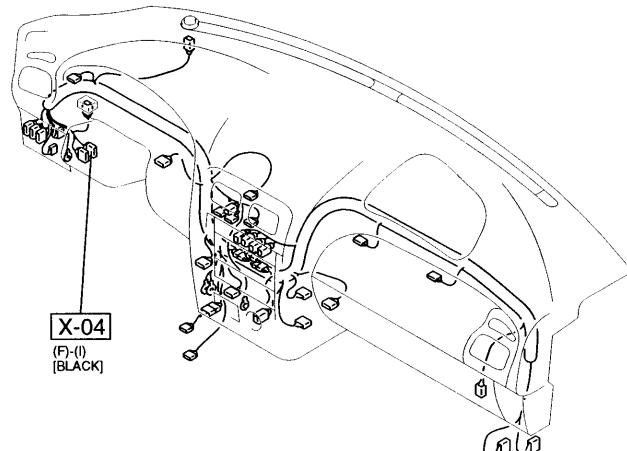
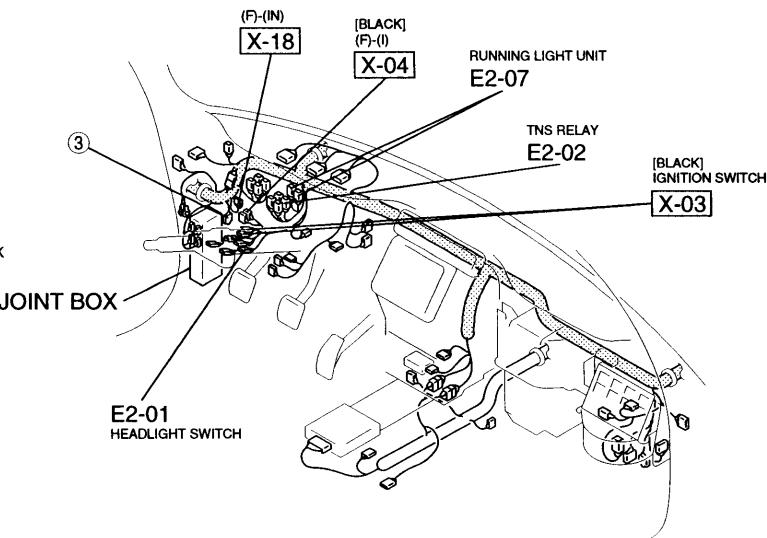
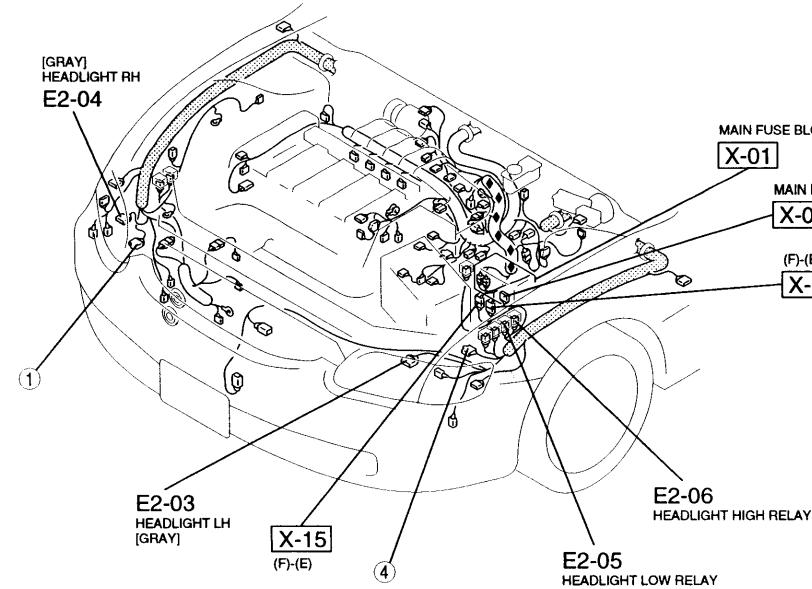
E2-01 HEADLIGHT SWITCH (F)	E2-02 TNS RELAY (F)	E2-03 HEADLIGHT LH (F)	E2-04 HEADLIGHT RH (F)	E2-05 HEADLIGHT LOW RELAY (F)	E2-06 HEADLIGHT HIGH RELAY (F)																																																																																																																																				
<table border="1"> <tr> <td>G</td><td>R/L</td><td>R</td><td>*</td><td>*</td><td>*</td> </tr> <tr> <td>*</td><td>B</td><td>BR</td><td>R/L</td><td>*</td><td>*</td> </tr> <tr> <td>*</td><td>B</td><td>LG/R</td><td>*</td><td>*</td><td>*</td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>	G	R/L	R	*	*	*	*	B	BR	R/L	*	*	*	B	LG/R	*	*	*													<table border="1"> <tr> <td>C</td><td>W/L</td><td>W/L</td><td>A</td><td></td><td></td> </tr> <tr> <td>LG/B</td><td>BR</td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>	C	W/L	W/L	A			LG/B	BR											<table border="1"> <tr> <td>C</td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>R/W</td><td>B</td><td>R/G</td><td></td><td></td><td></td> </tr> <tr> <td>G</td><td>B</td><td>LG/R</td><td></td><td></td><td></td> </tr> <tr> <td></td><td></td><td></td><td>D</td><td></td><td></td> </tr> </table>	C						R/W	B	R/G				G	B	LG/R							D			<table border="1"> <tr> <td>C</td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>R/W</td><td>B</td><td>R/G</td><td></td><td></td><td></td> </tr> <tr> <td>G</td><td>B</td><td>LG/R</td><td></td><td></td><td></td> </tr> <tr> <td></td><td></td><td></td><td>D</td><td></td><td></td> </tr> </table>	C						R/W	B	R/G				G	B	LG/R							D			<table border="1"> <tr> <td>C</td><td>R/L</td><td>R/L</td><td>A</td><td></td><td></td> </tr> <tr> <td>R/W</td><td>R/Y</td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>	C	R/L	R/L	A			R/W	R/Y											<table border="1"> <tr> <td>R</td><td>R/W</td><td></td><td></td><td></td><td></td> </tr> <tr> <td>R/G</td><td>R/B</td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>	R	R/W					R/G	R/B										
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R	R/W																																																																																																																																								
R/G	R/B																																																																																																																																								

HEADLIGHTS (WITH RUNNING LIGHT SYSTEM)

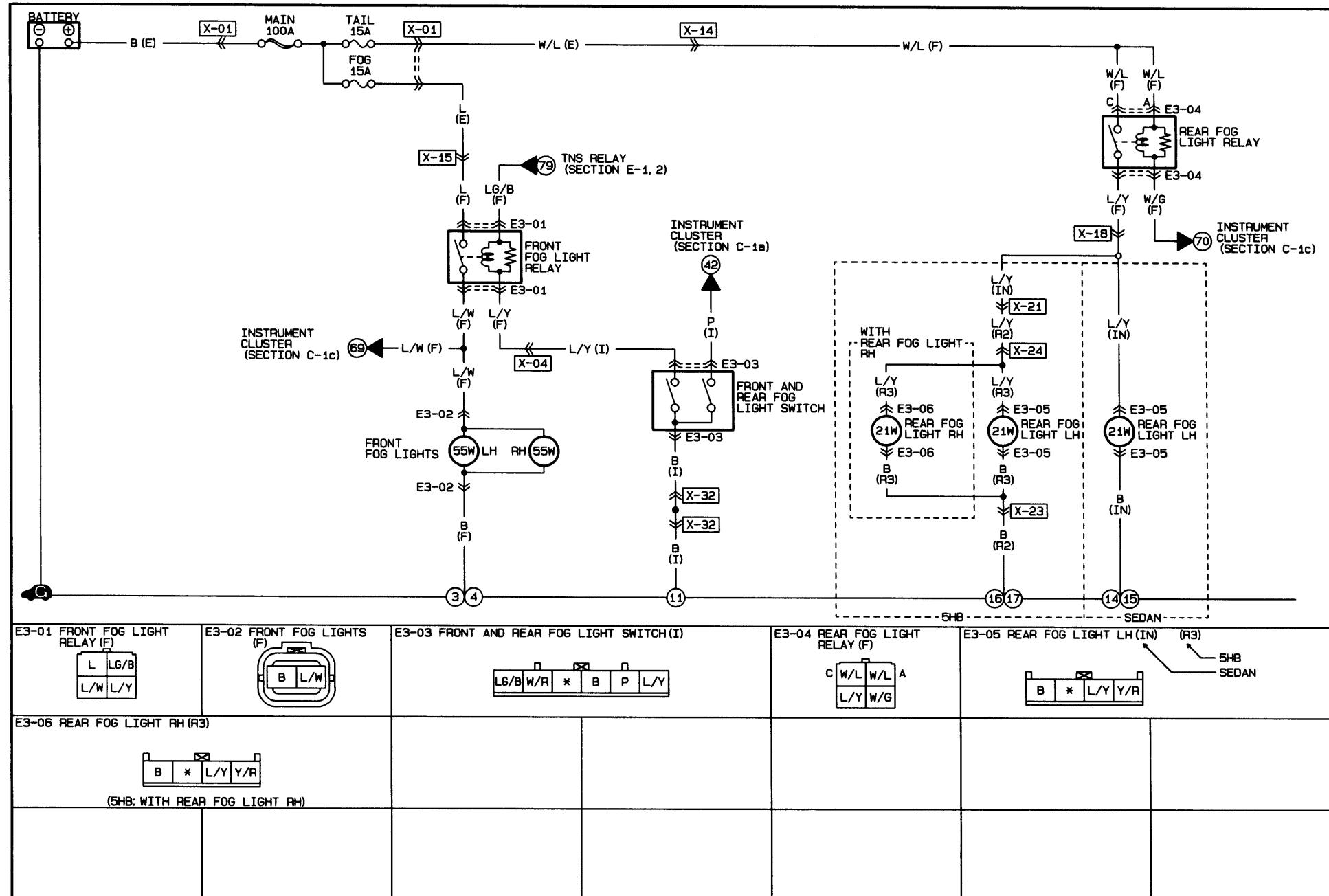


Mazda 626 Wiring Diagram (5406-10-97D)

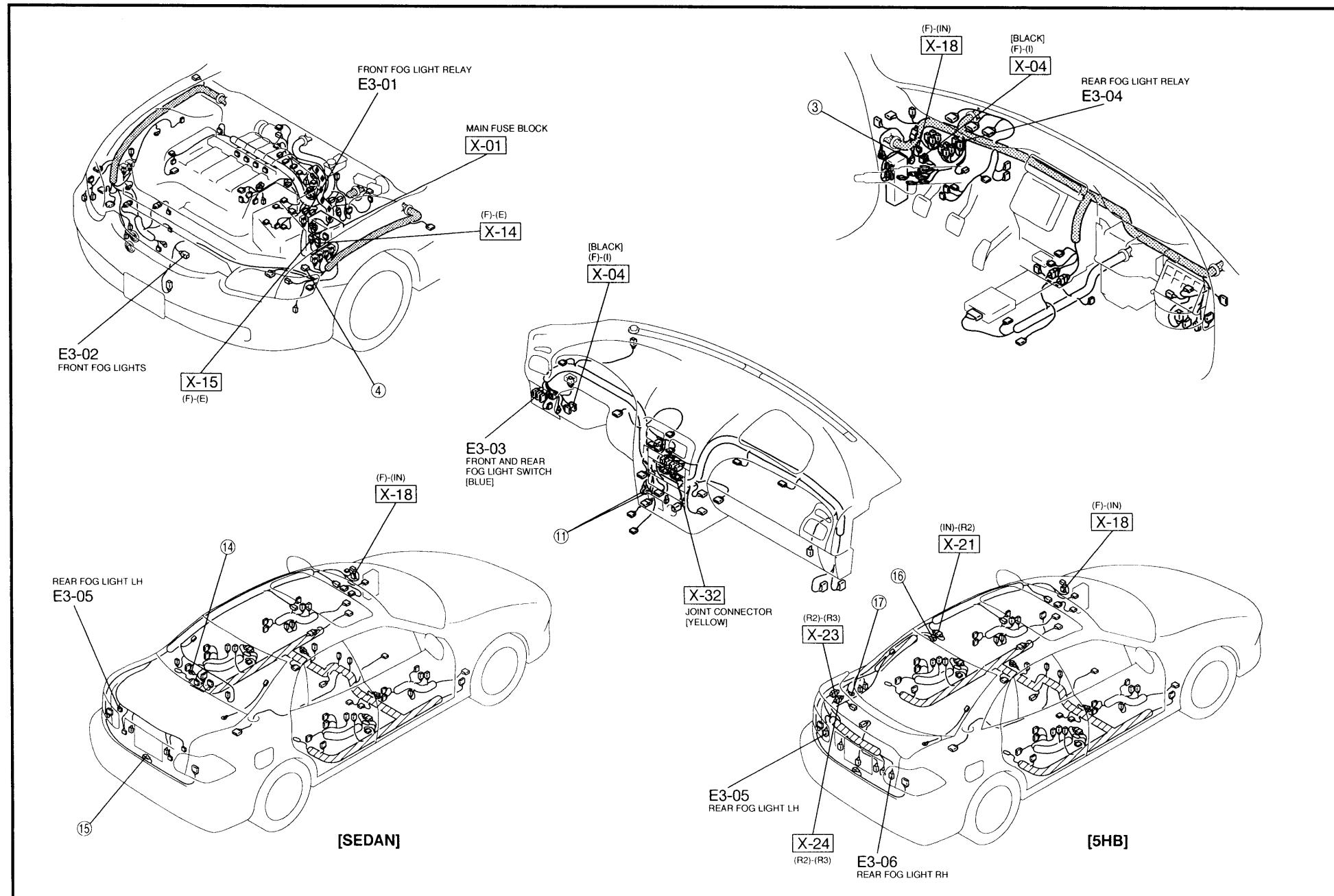
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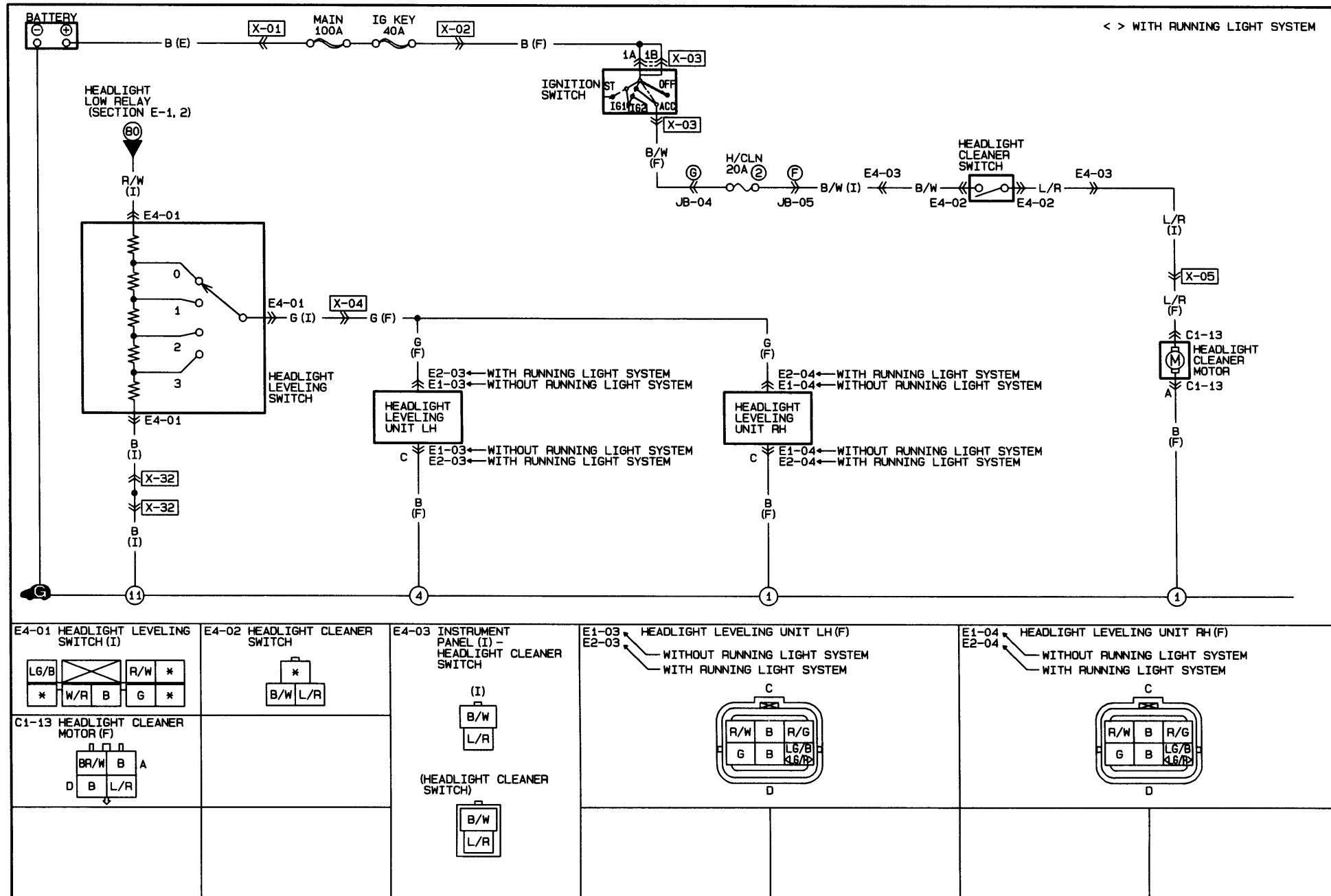
FRONT FOG LIGHTS/REAR FOG LIGHTS



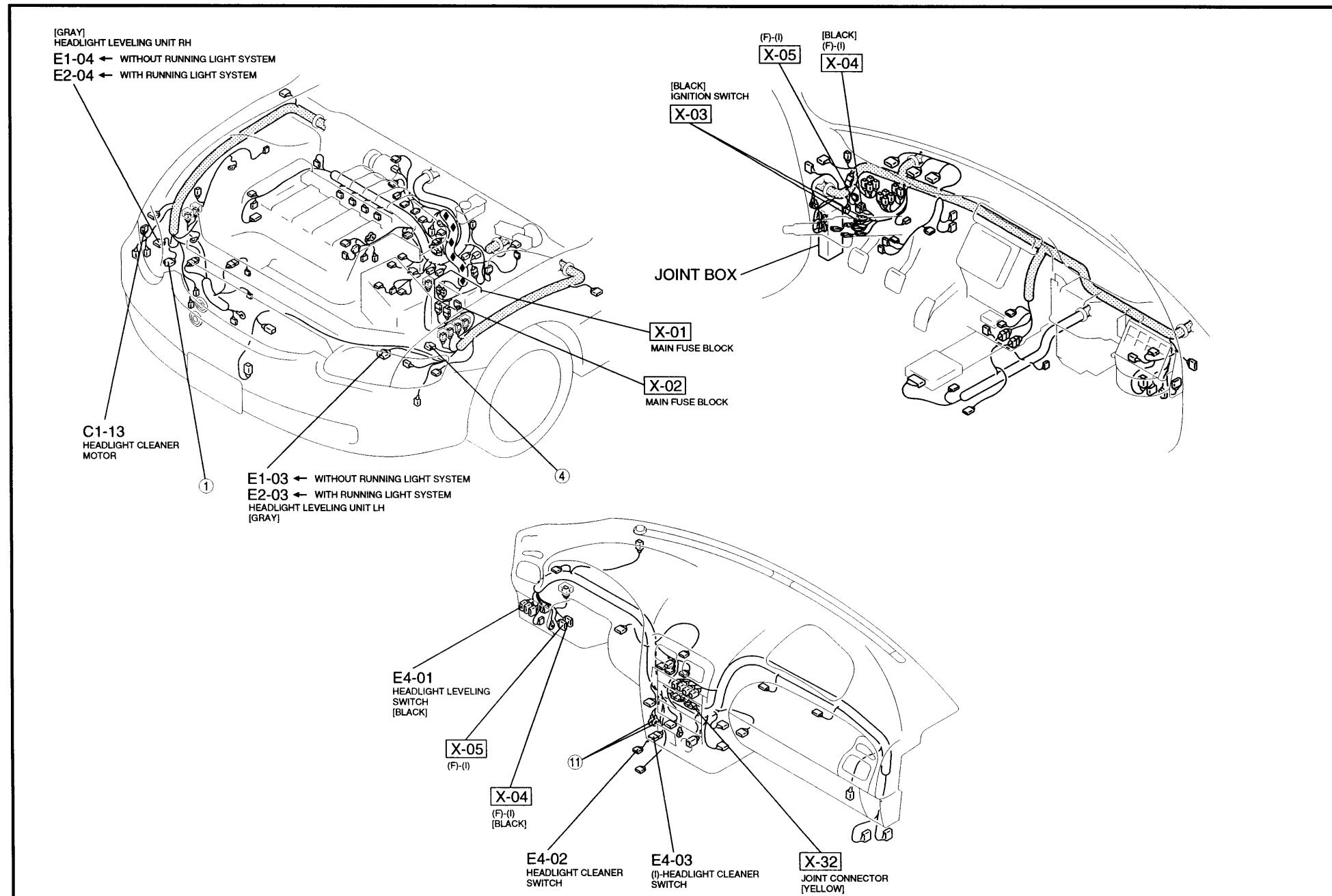
HARNESS SYMBOL :  (F)  (R)  (E)



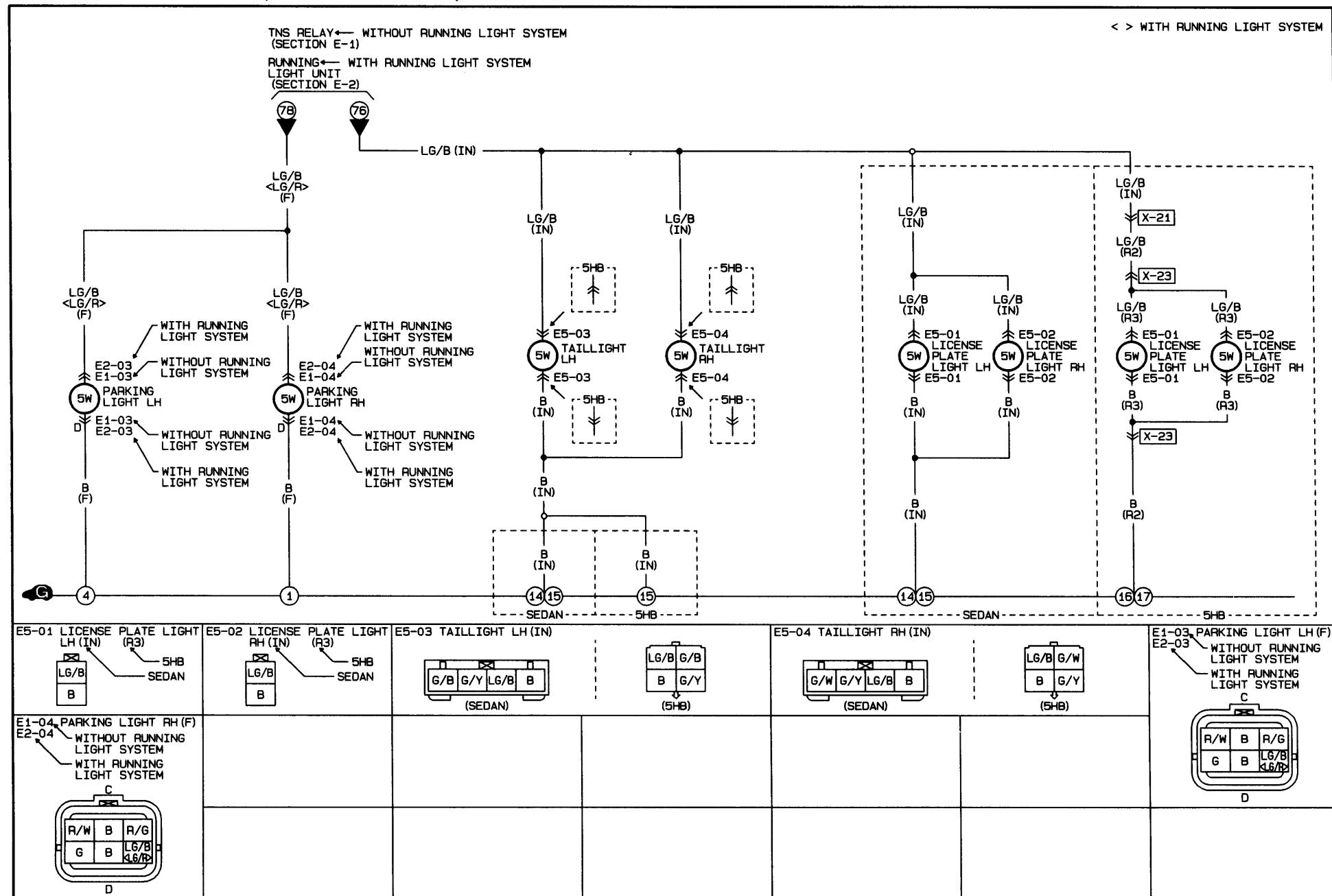
HEADLIGHT LEVELING SYSTEM/HEADLIGHT CLEANER SYSTEM



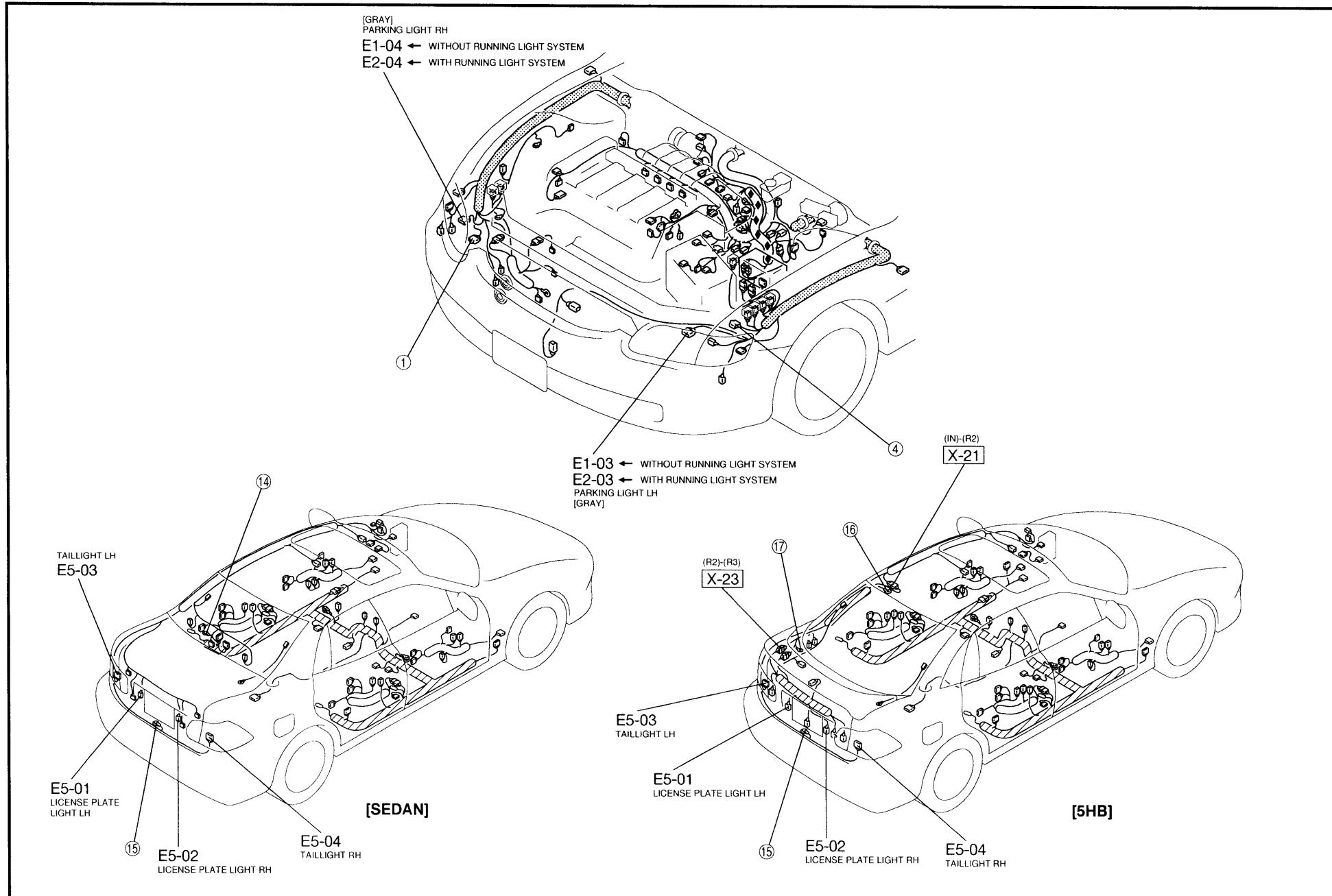
HARNESS SYMBOL : ■■■ (F) ■■■ (R) ◆◆◆ (E)



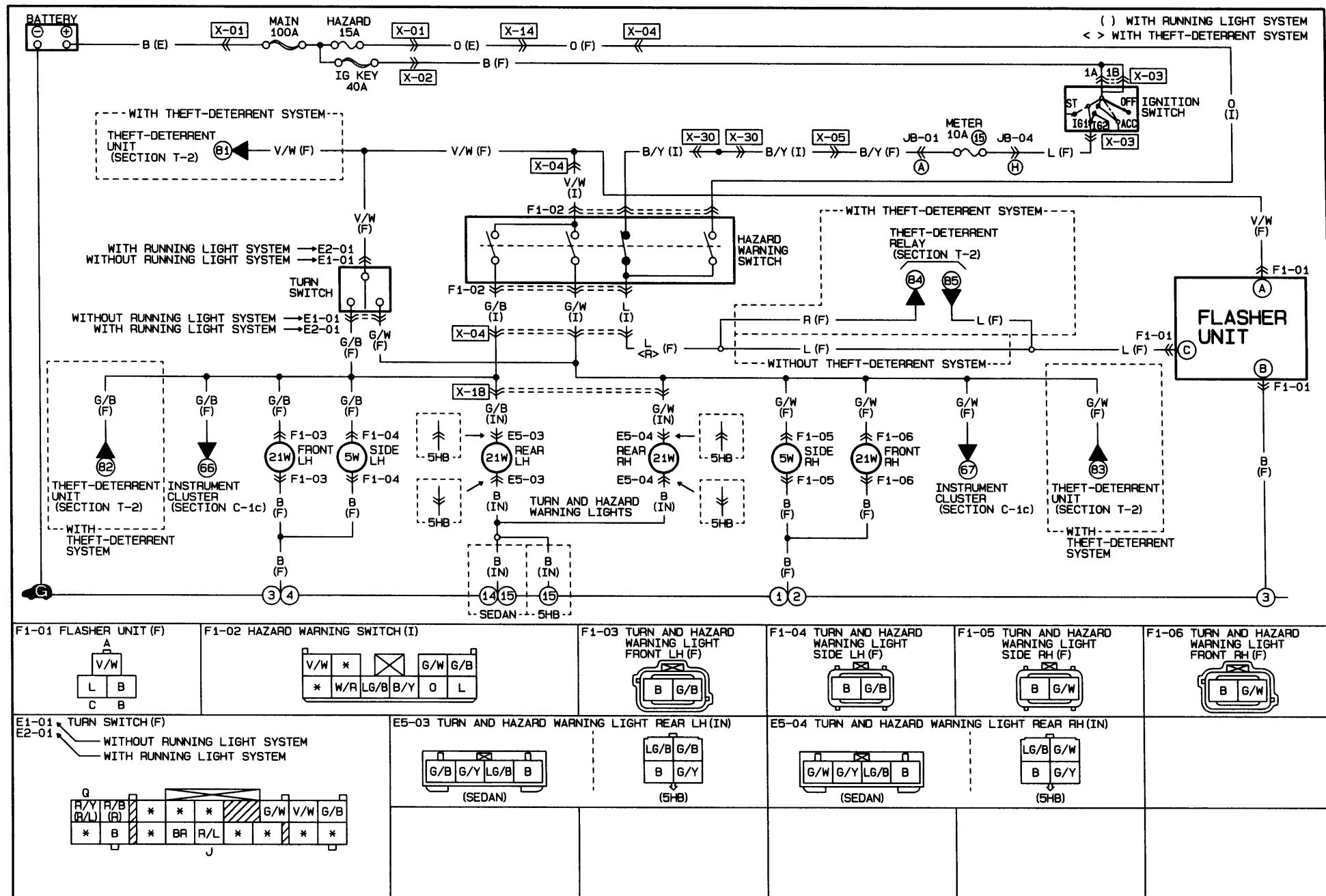
LICENSE PLATE LIGHTS/PARKING LIGHTS/TAILLIGHTS



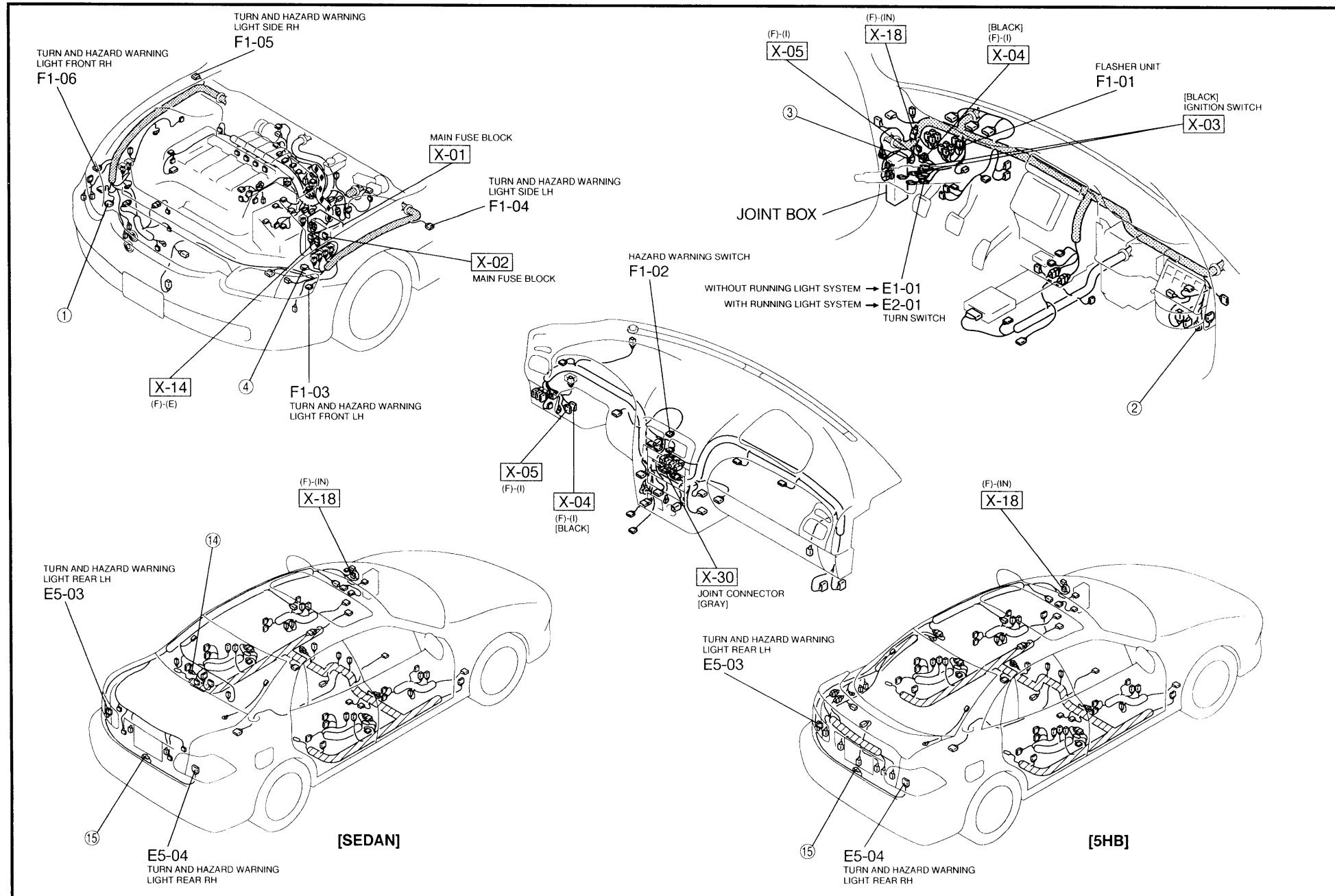
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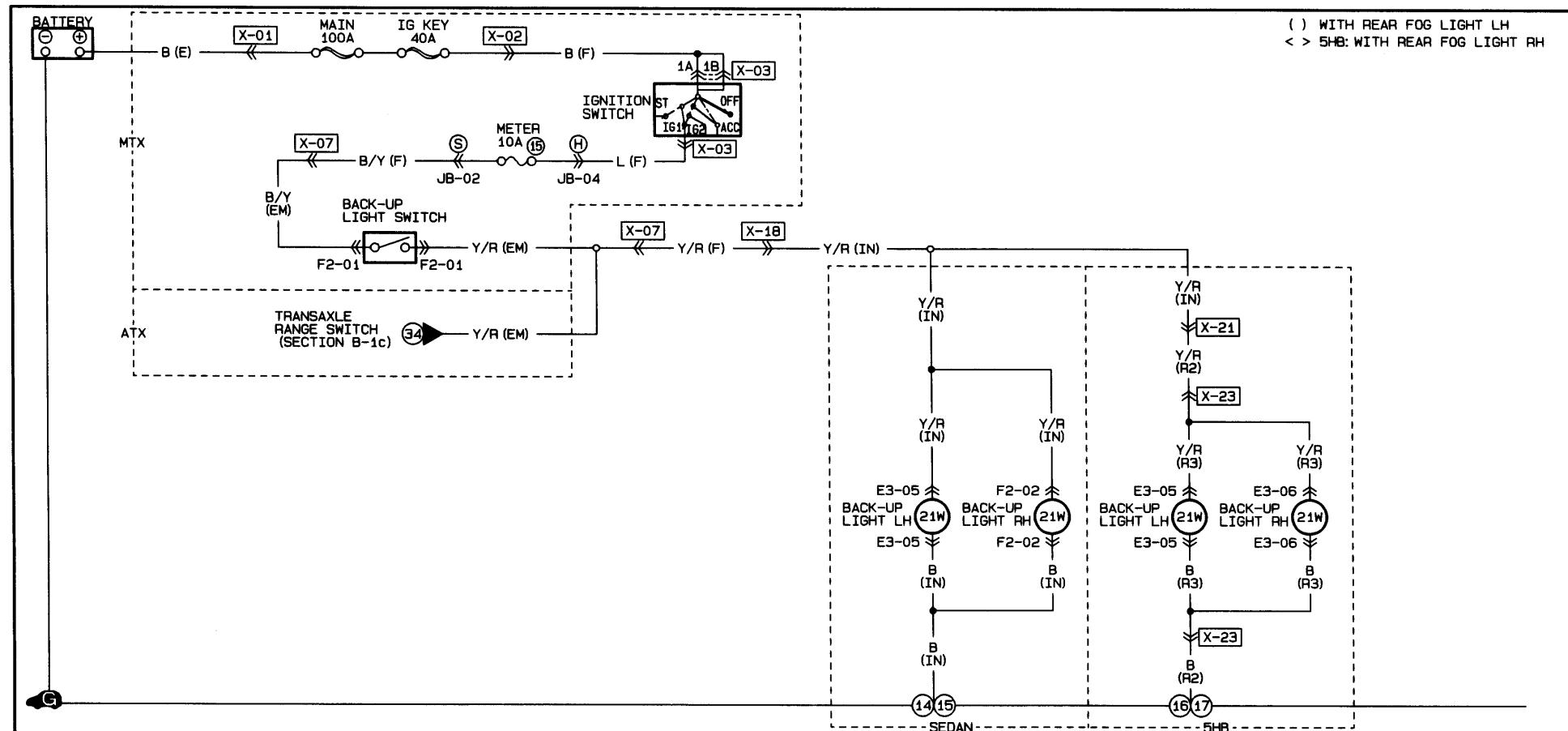
TURN AND HAZARD WARNING LIGHTS



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



BACK-UP LIGHTS



() WITH REAR FOG LIGHT LH
< > 5HB: WITH REAR FOG LIGHT RH

SI

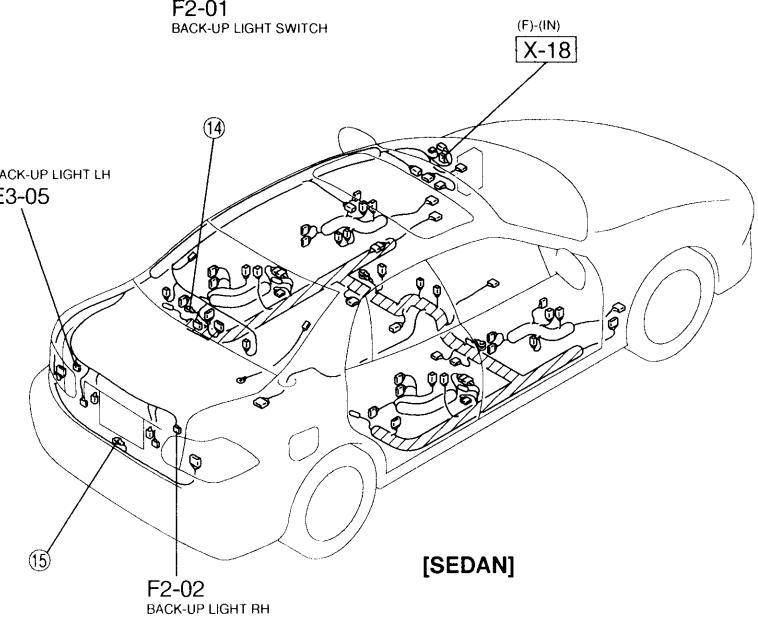
PI 1

52

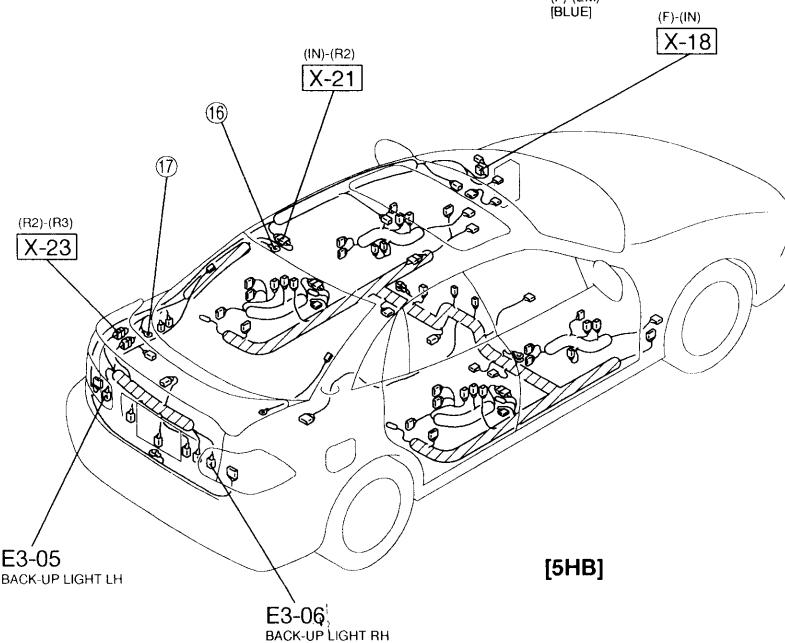
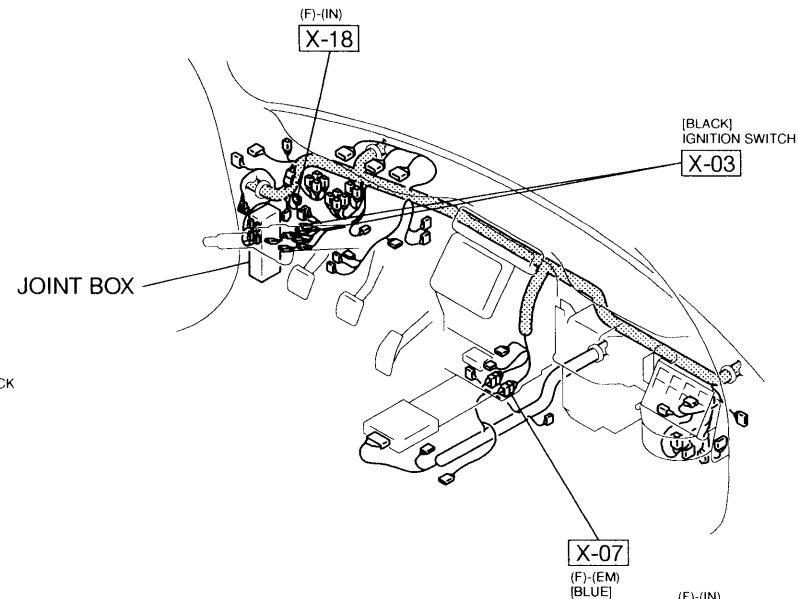
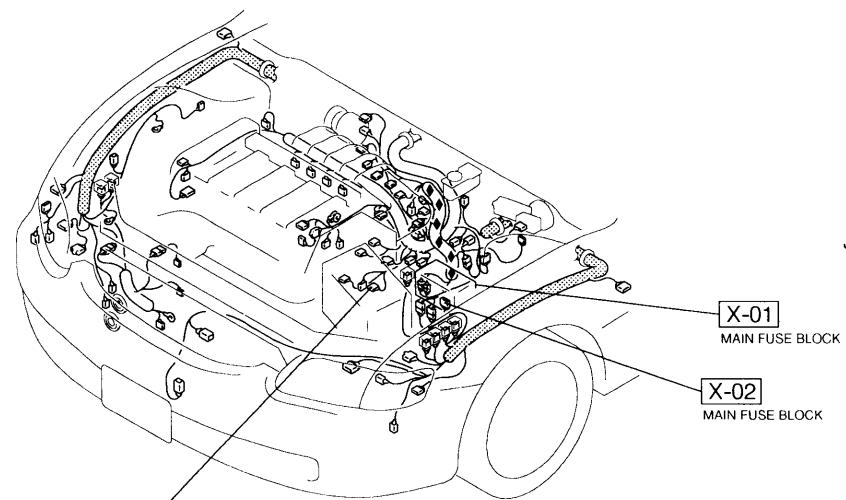
F2-01 BACK-UP LIGHT SWITCH (EM)  (MTX)	F2-02 BACK-UP LIGHT RH (IN)  (SEDAN)	E3-05 BACK-UP LIGHT LH (IN) (R3)  5HB SEDAN	E3-06 BACK-UP LIGHT RH (R3)  (5HB)	

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

53

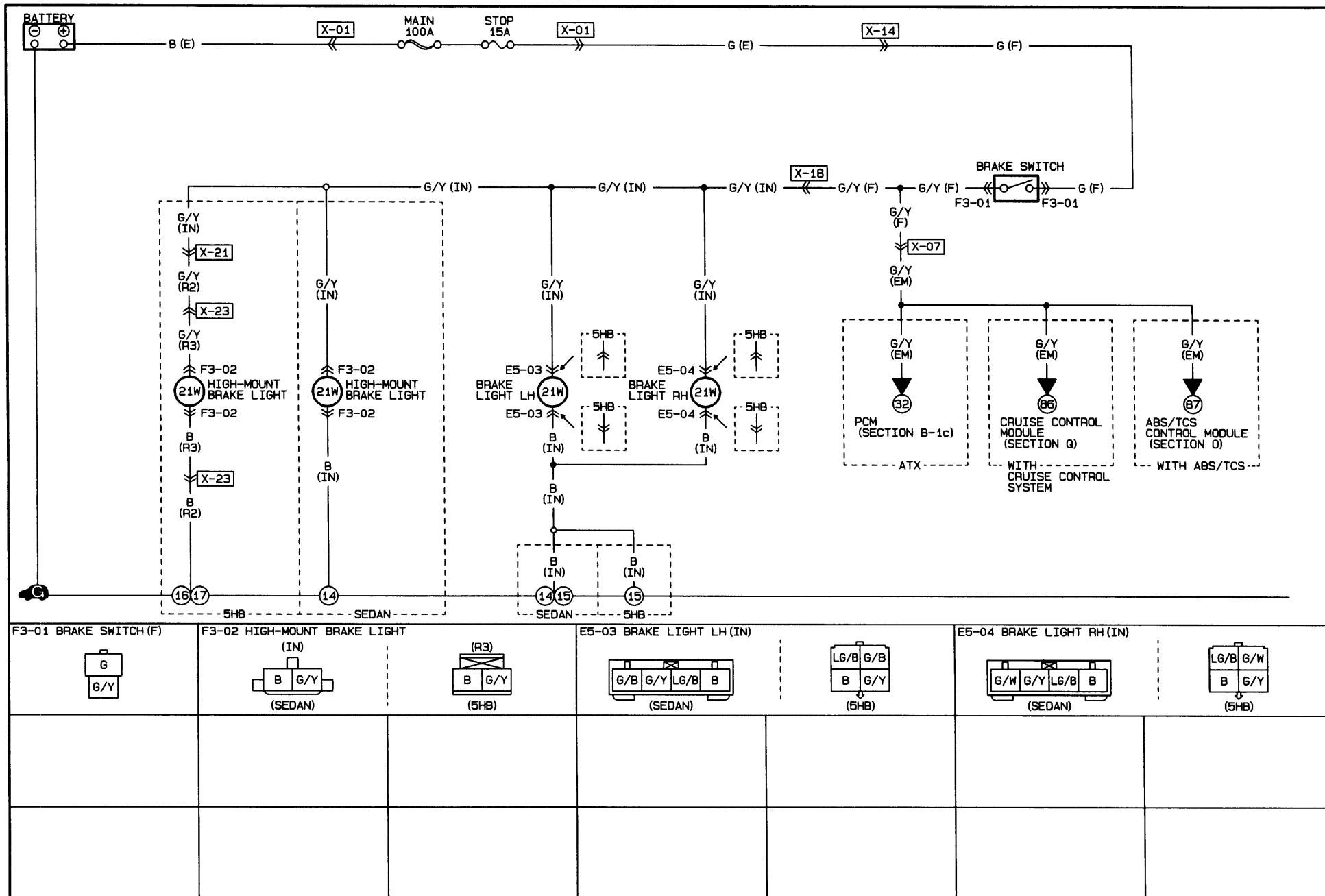


[SEDAN]

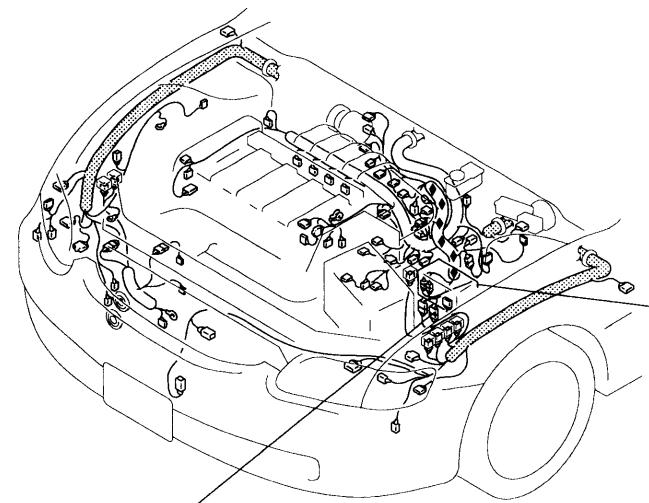


[5HB]

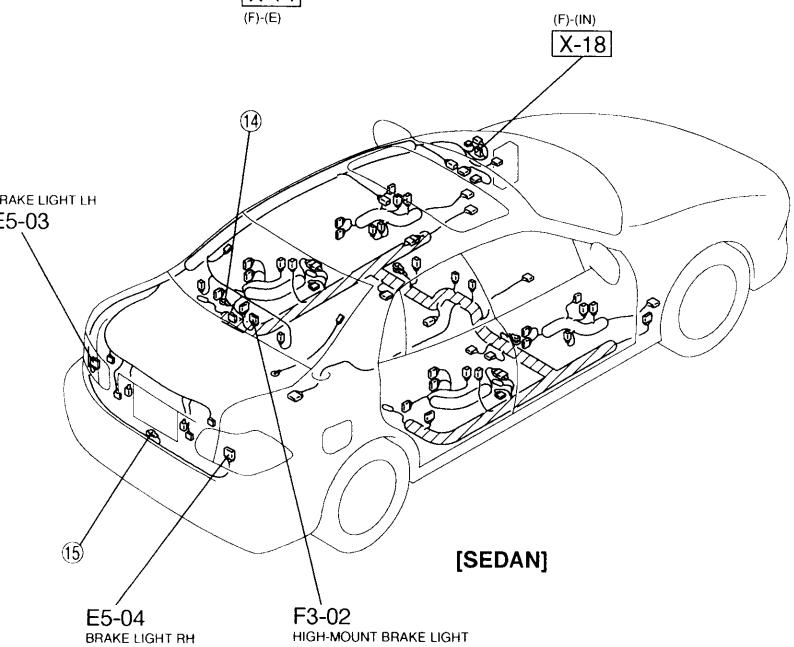
BRAKE LIGHTS/HIGH-MOUNT BRAKE LIGHT



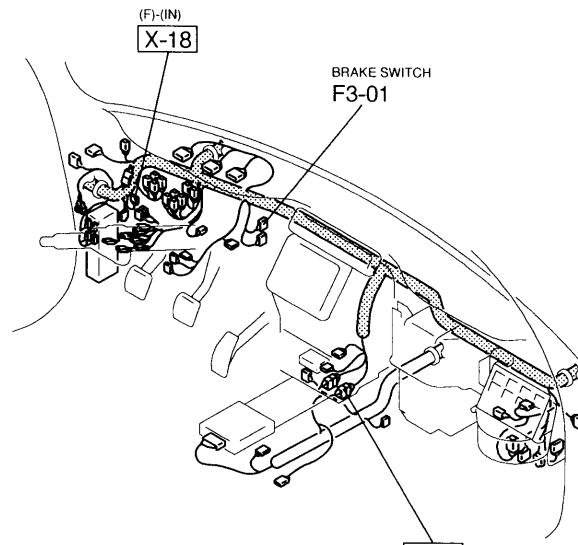
HARNESS SYMBOL :  (F)  (R)  (E)



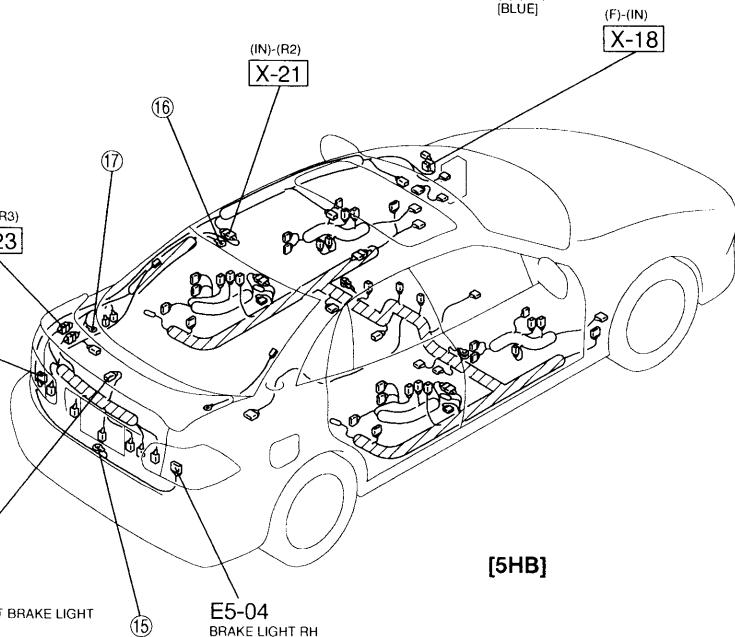
X-01
MAIN FUSE BLOCK



[SEDAN]

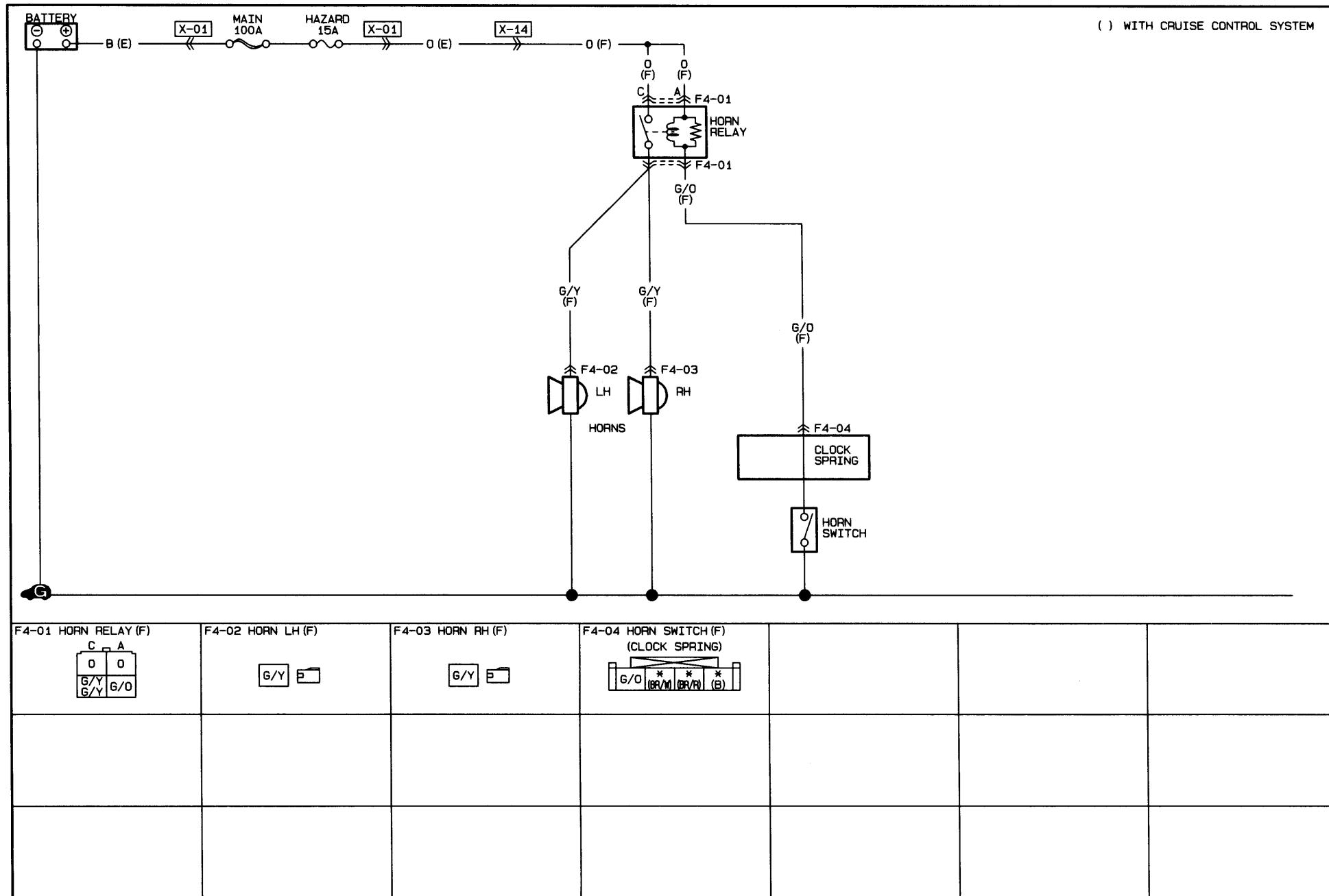


(F)-(IN)
X-18

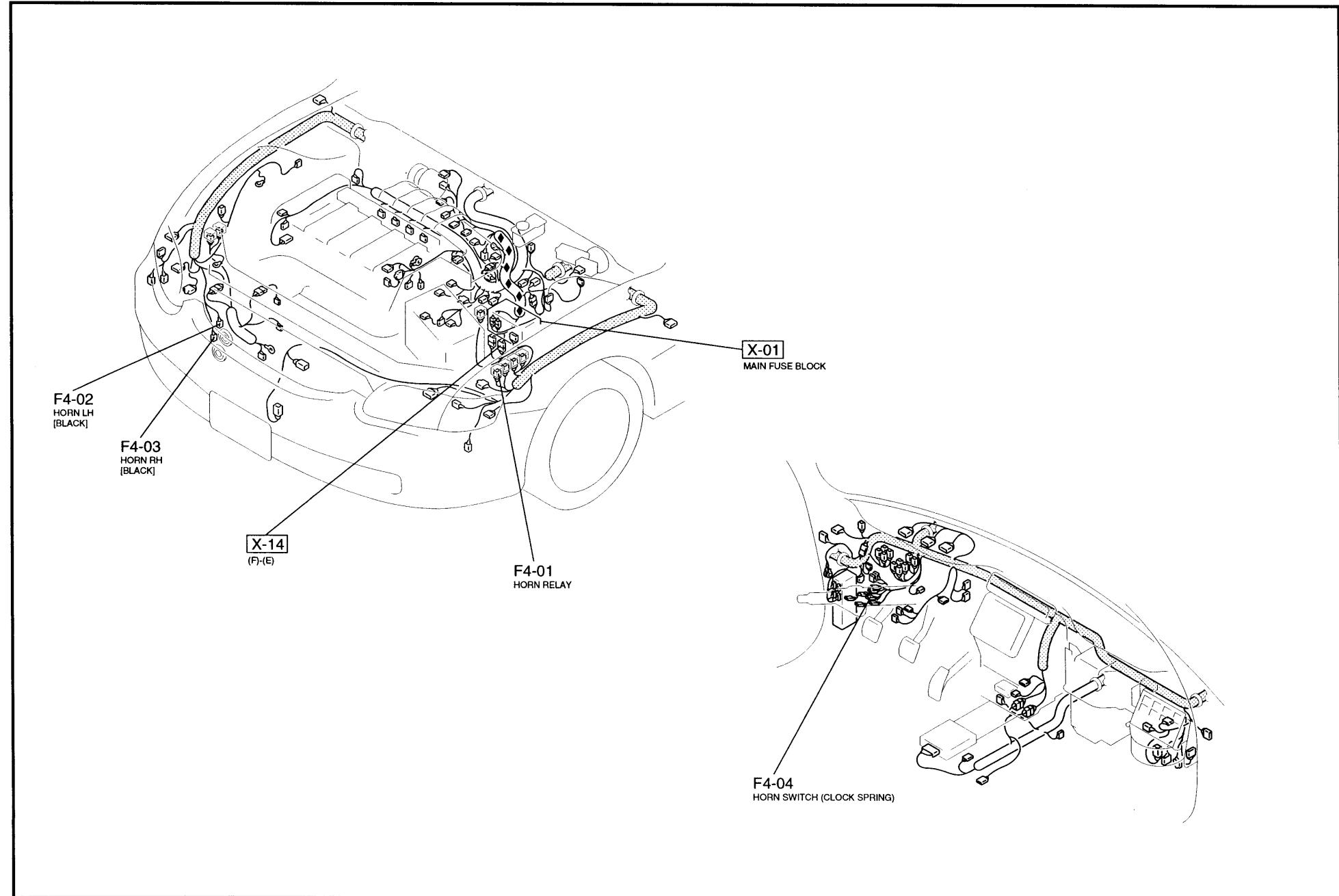


[5HB]

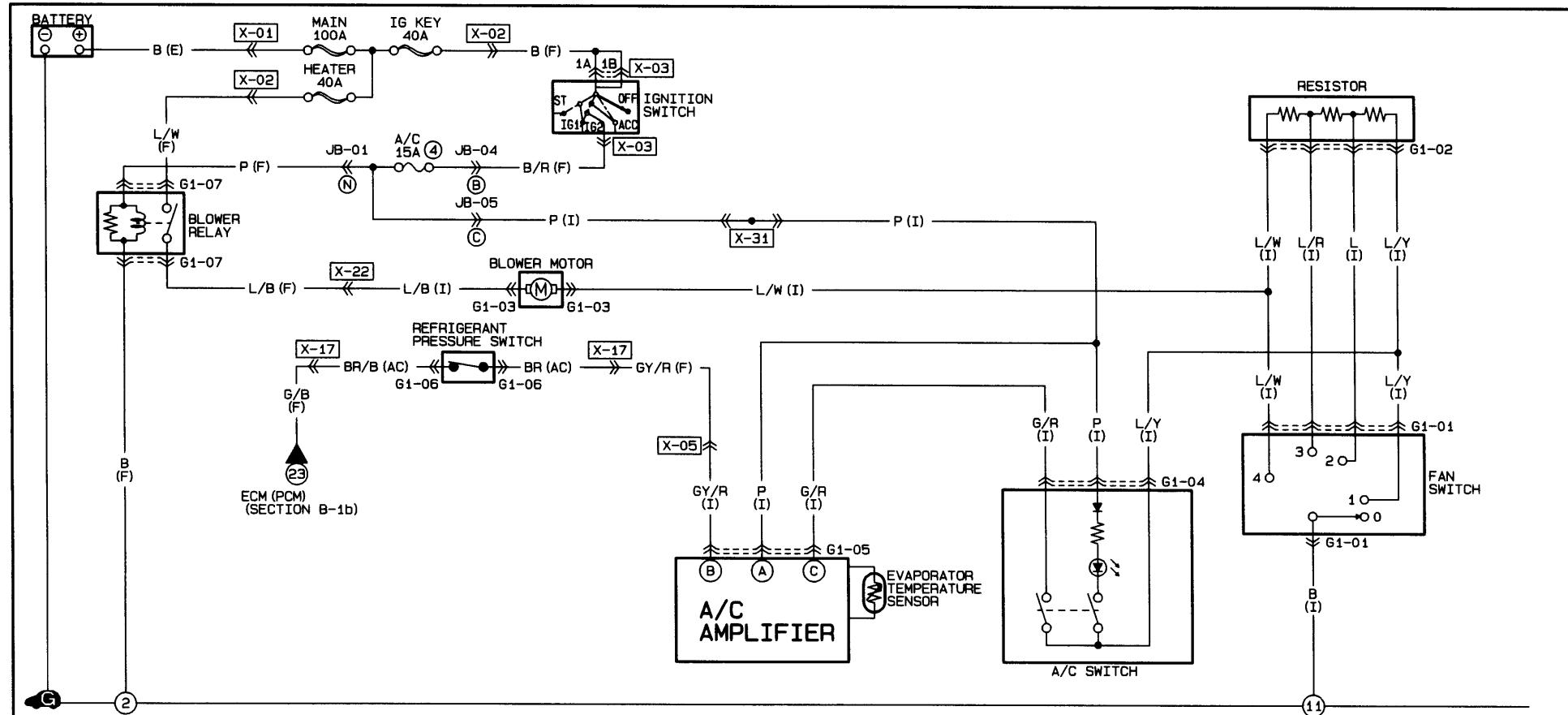
HORNS



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



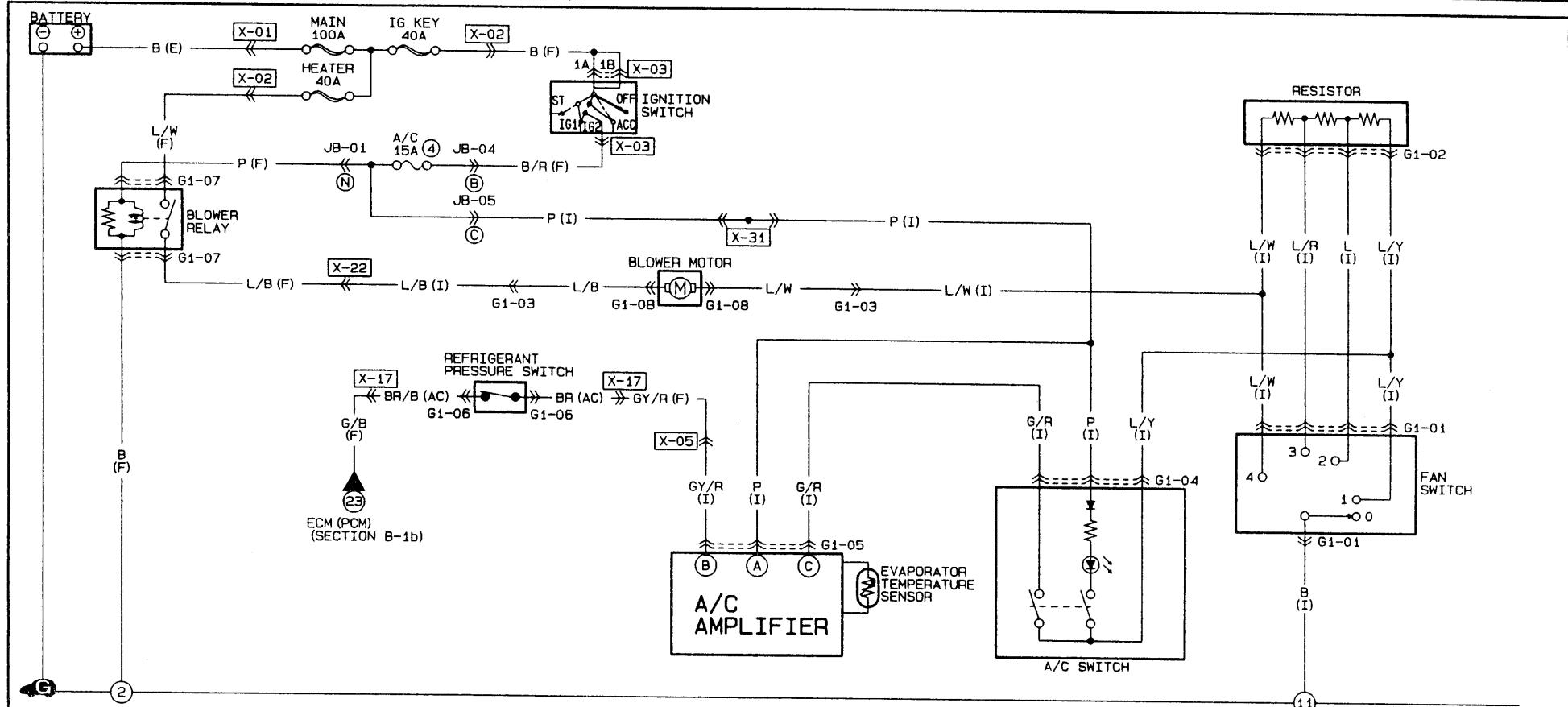
HEATER AND AIR CONDITIONER (MANUAL A/C)



G1-01 FAN SWITCH(I)	G1-02 RESISTOR(I)	G1-03 BLOWER MOTOR(I)	G1-04 A/C SWITCH(I)	G1-05 A/C AMPLIFIER(I)	G1-06 REFRIGERANT PRESSURE SWITCH(AC)

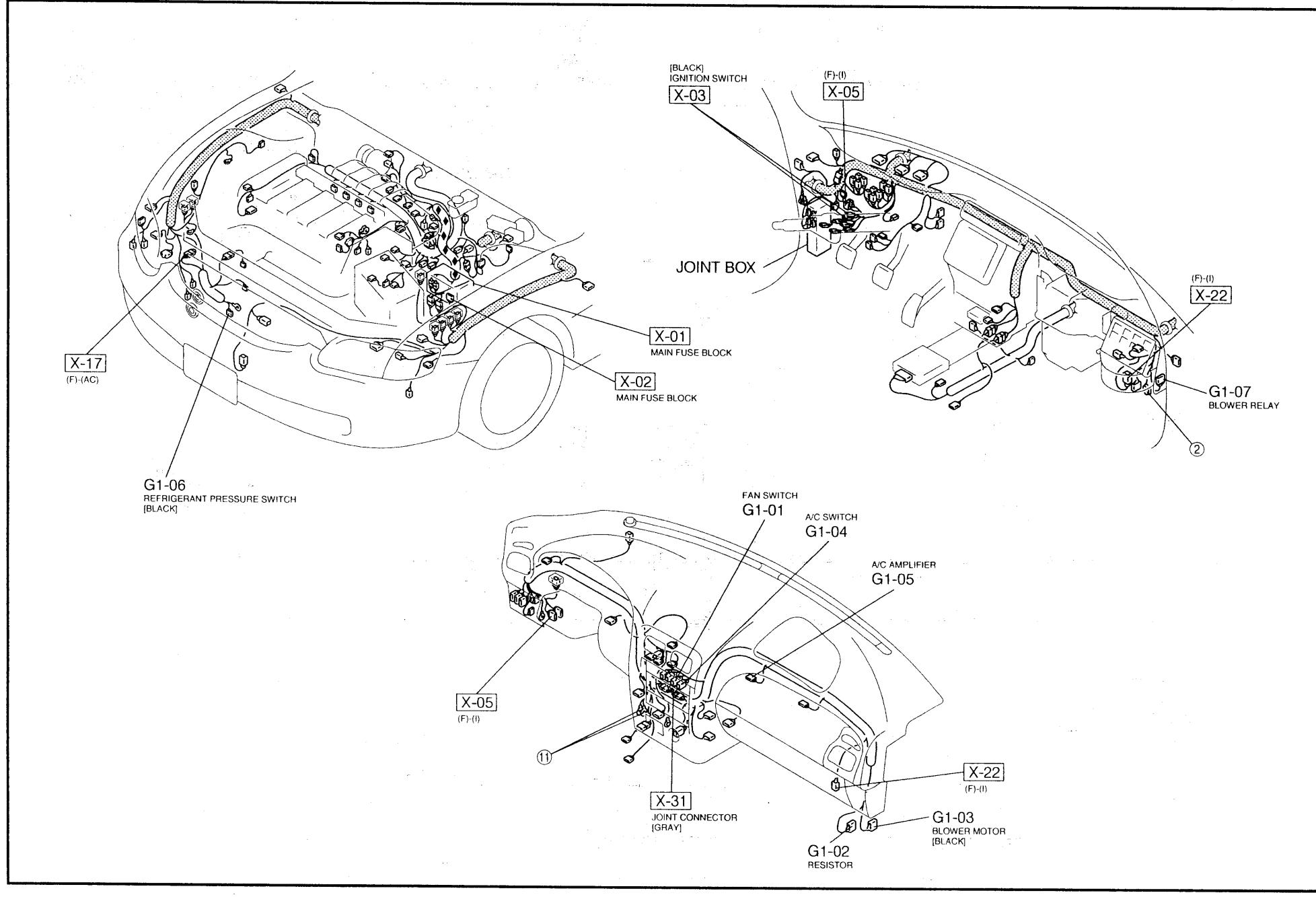
HEATER AND AIR CONDITIONER (MANUAL A, C)

Applied VIN:
 5HB: JMZ GF1 * P * 01 100057-
 JMZ GF1 * S * 01 100065-
 4SD: JMZ GF1 * P * 01 100525-
 JMZ GF1 * S * 01 103274-



G1-01 FAN SWITCH (I)	G1-02 RESISTOR (I)	G1-03 INSTRUMENT PANEL (I) - SHORT CORD	G1-04 A/C SWITCH (I)	G1-05 A/C AMPLIFIER (I)

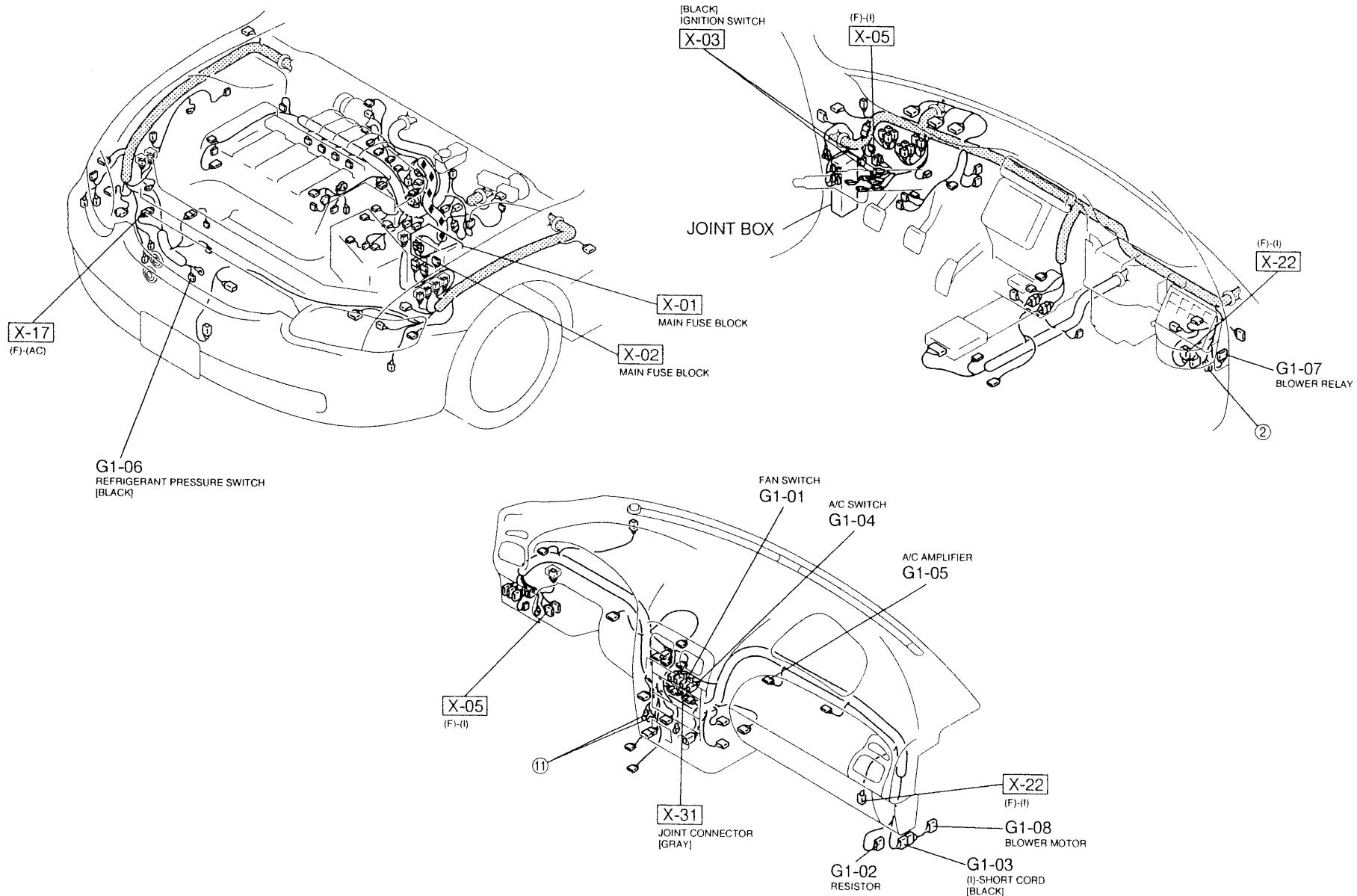
HARNESS SYMBOL : (F) (R) (E)



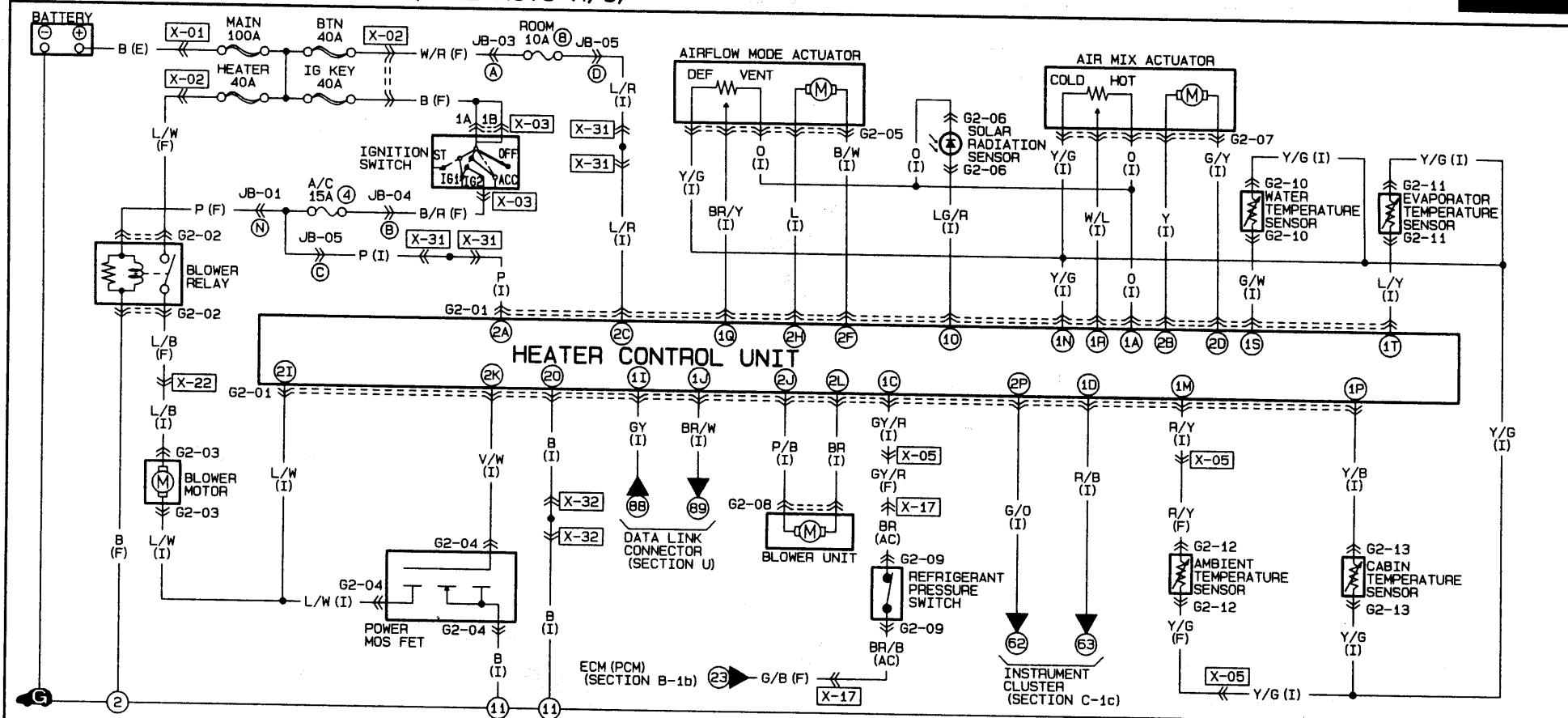
HARNESS SYMBOL : (F) (R) (E)

Mazda 626 Wiring Diagram(5406-10-97D)

Applied VIN:
 5HB-JMZ GF1 * P * 01 100057-
 JMZ GF1 * S * 01 100056-
 4SD: JMZ GF1 * P * 01 100525-
 JMZ GF1 * S * 01 103274-

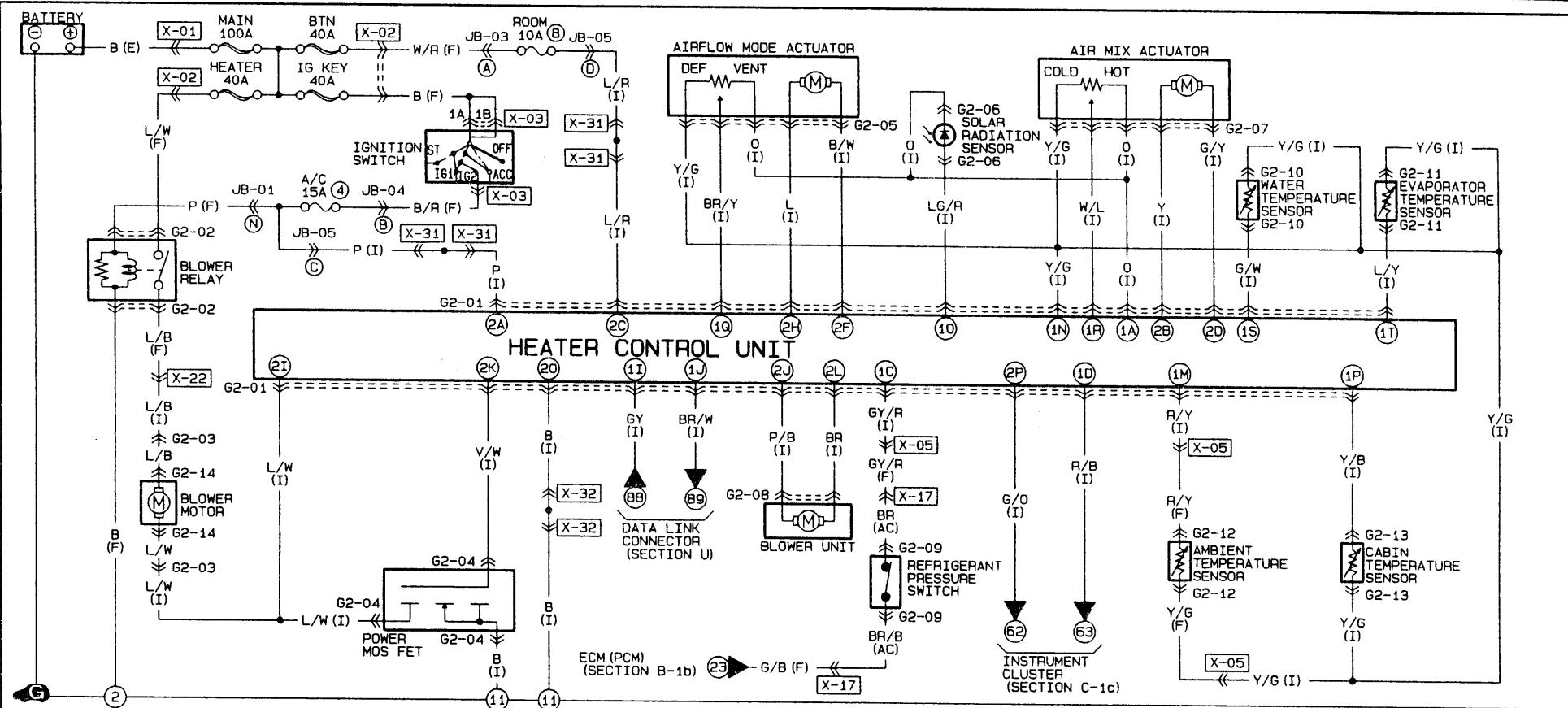


HEATER AND AIR CONDITIONER (FULL-AUTO A/C)



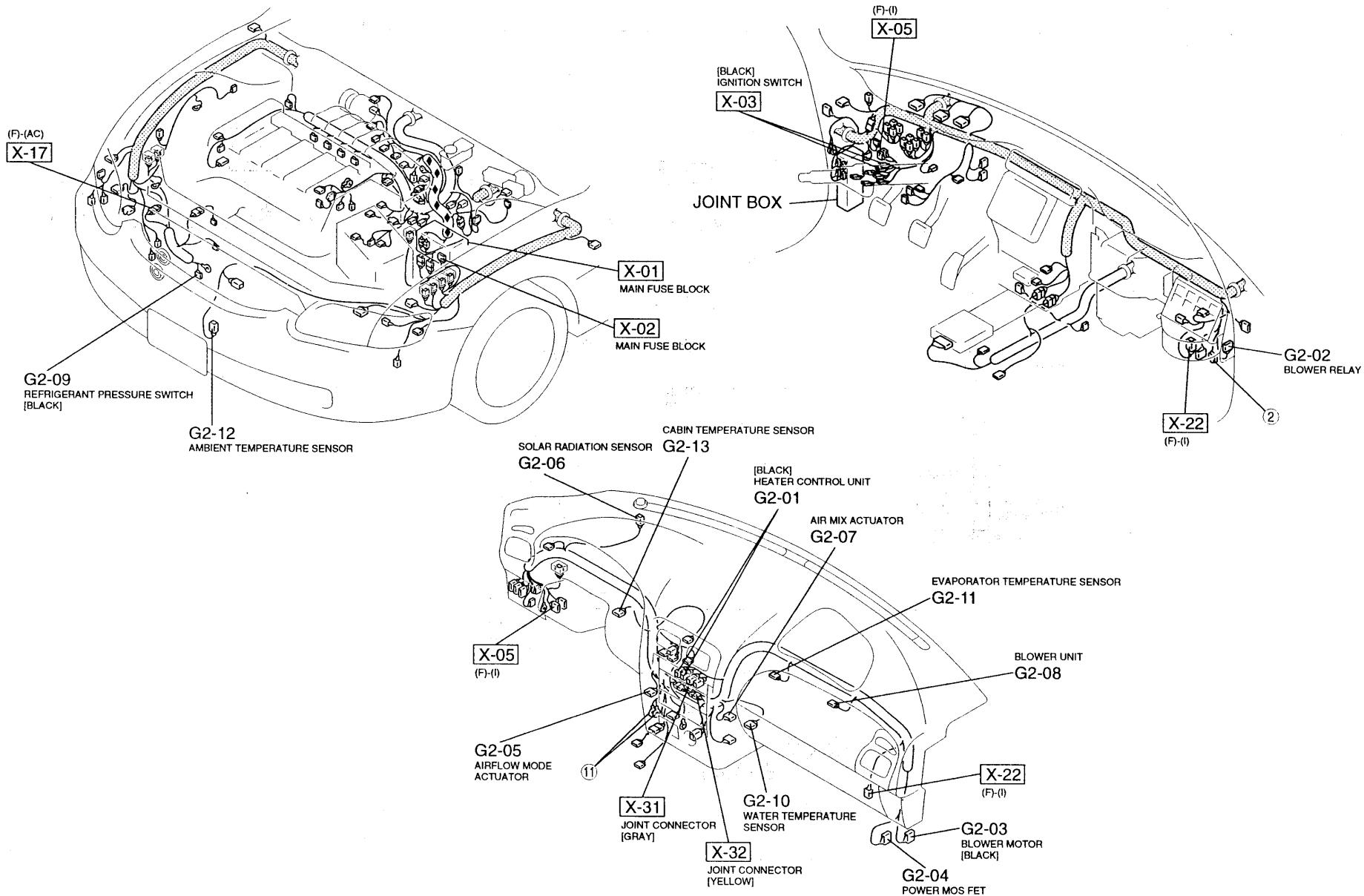
HEATER AND AIR CONDITIONER (FULL-AUTo A/C)

Added 10/97(Ref.No.L116/97)



G2-01 HEATER CONTROL UNIT (I)	G2-02 BLOWER RELAY (F)	G2-03 INSTRUMENT PANEL (I) - SHORT CORD	G2-05 AIRFLOW MODE ACTUATOR (I)																																																																																										
<table border="1"> <tr> <td>1S</td><td>10</td><td>10</td><td>1M</td><td>1K</td><td>1I</td><td>1G</td><td>1E</td><td>1C</td><td>1A</td> </tr> <tr> <td>G/W</td><td>BR/Y</td><td>L/G/R</td><td>R/Y</td><td>*</td><td>GY</td><td>*</td><td>B/L</td><td>GY/R</td><td>O</td> </tr> <tr> <td>L/Y</td><td>W/L</td><td>Y/B</td><td>Y/G</td><td>*</td><td>BR/W</td><td>*</td><td>*</td><td>P/B</td><td>*</td> </tr> <tr> <td>1T</td><td>1R</td><td>1P</td><td>1N</td><td>1L</td><td>1J</td><td>1H</td><td>1F</td><td>1D</td><td>1B</td> </tr> <tr> <td>2I</td><td>26</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>120</td><td>2M</td><td>2K</td><td></td><td></td><td>2E</td><td>2C</td><td>2A</td><td></td><td></td> </tr> <tr> <td>B</td><td>*</td><td>V/W</td><td>L/W</td><td>L/G/B</td><td>W/R</td><td>L/R</td><td>P</td><td></td><td></td> </tr> <tr> <td>G/O</td><td>*</td><td>BR</td><td>P/B</td><td>L</td><td>B/W</td><td>G/Y</td><td>Y</td><td></td><td></td> </tr> <tr> <td>2P</td><td>2N</td><td>2L</td><td>2J</td><td>2H</td><td>2F</td><td>2D</td><td>2B</td><td></td><td></td> </tr> </table>	1S	10	10	1M	1K	1I	1G	1E	1C	1A	G/W	BR/Y	L/G/R	R/Y	*	GY	*	B/L	GY/R	O	L/Y	W/L	Y/B	Y/G	*	BR/W	*	*	P/B	*	1T	1R	1P	1N	1L	1J	1H	1F	1D	1B	2I	26									120	2M	2K			2E	2C	2A			B	*	V/W	L/W	L/G/B	W/R	L/R	P			G/O	*	BR	P/B	L	B/W	G/Y	Y			2P	2N	2L	2J	2H	2F	2D	2B					
1S	10	10	1M	1K	1I	1G	1E	1C	1A																																																																																				
G/W	BR/Y	L/G/R	R/Y	*	GY	*	B/L	GY/R	O																																																																																				
L/Y	W/L	Y/B	Y/G	*	BR/W	*	*	P/B	*																																																																																				
1T	1R	1P	1N	1L	1J	1H	1F	1D	1B																																																																																				
2I	26																																																																																												
120	2M	2K			2E	2C	2A																																																																																						
B	*	V/W	L/W	L/G/B	W/R	L/R	P																																																																																						
G/O	*	BR	P/B	L	B/W	G/Y	Y																																																																																						
2P	2N	2L	2J	2H	2F	2D	2B																																																																																						
G2-09 REFRIGERANT PRESSURE SWITCH (AC)	G2-04 POWER MOS FET (I)	G2-06 SOLAR RADIATION SENSOR (I)	G2-07 AIR MIX ACTUATOR (I)																																																																																										
G2-10 WATER TEMPERATURE SENSOR (I)	G2-11 EVAPORATOR TEMPERATURE SENSOR (I)	G2-12 AMBIENT TEMPERATURE SENSOR (F)	G2-13 CABIN TEMPERATURE SENSOR (I)																																																																																										
G2-14 BLOWER MOTOR (SHORT CORD)																																																																																													

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



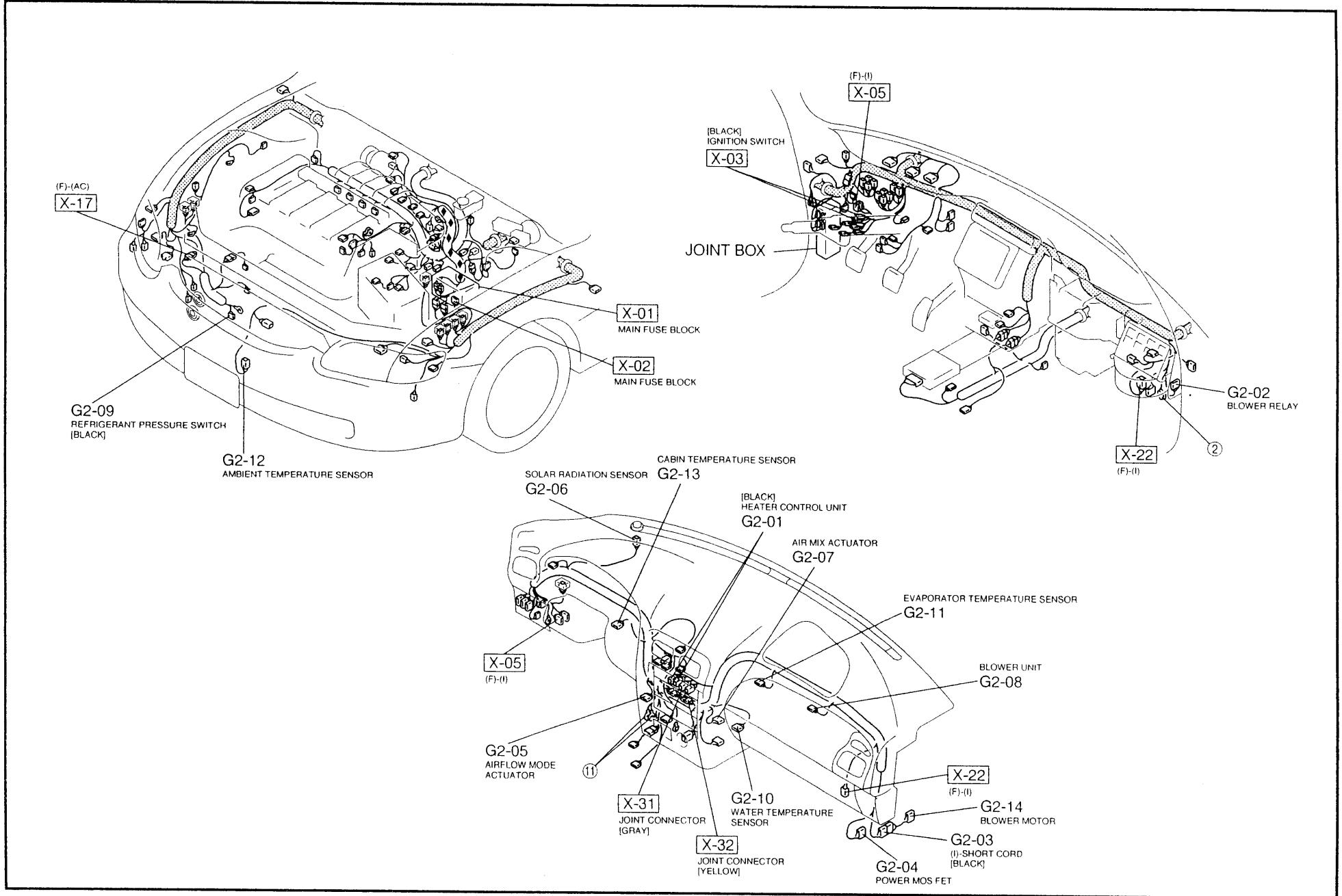
Mazda 626 Wiring Diagram(5406-10-97D)

Applied VIN:
5HB: JMZ GF1 * P * 01 100057-
JMZ GF1 * S * 01 100065-

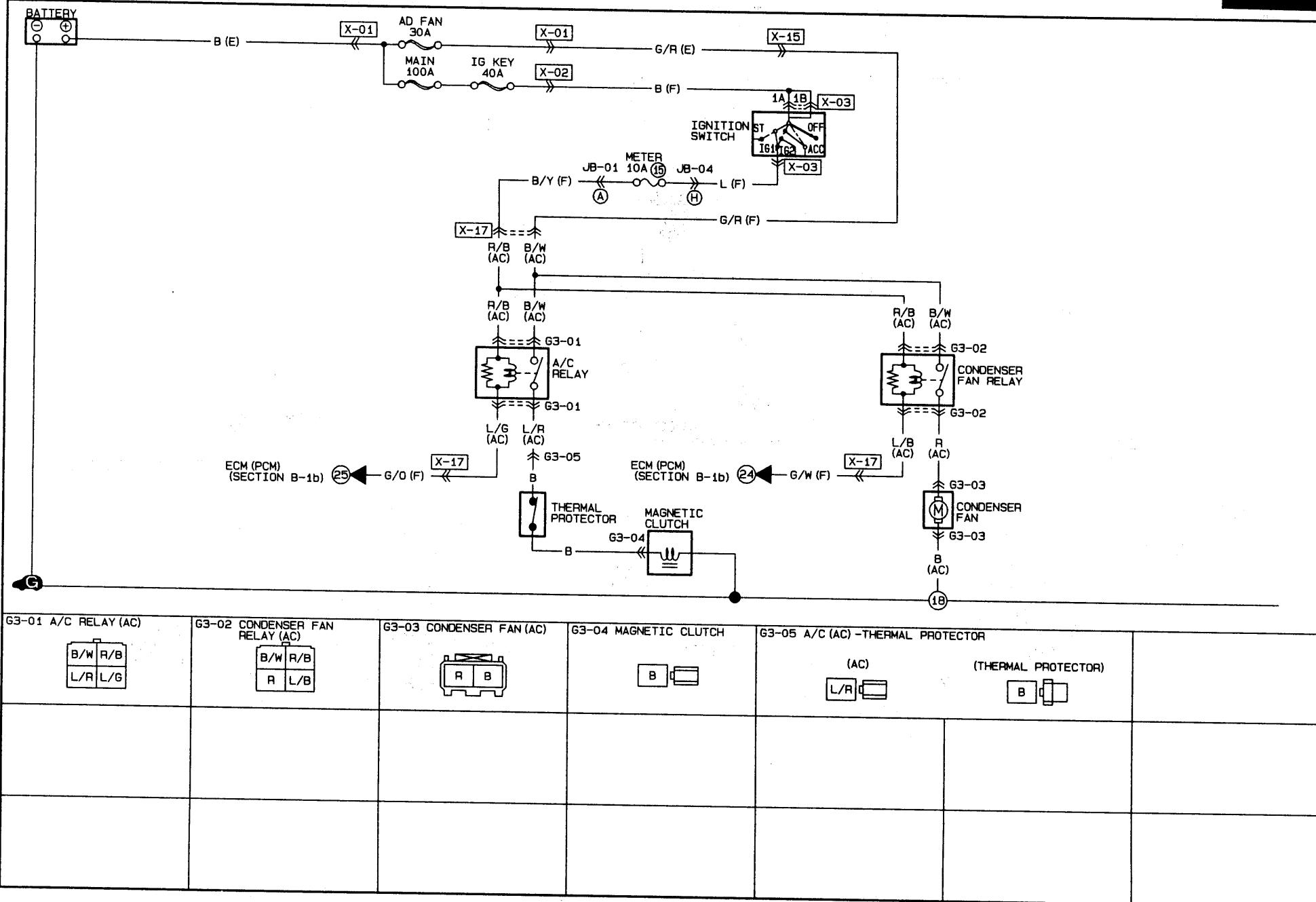
4SD: JMZ GF1 * P * 01 100525-

JMZ GF1 * S * 01 103274-

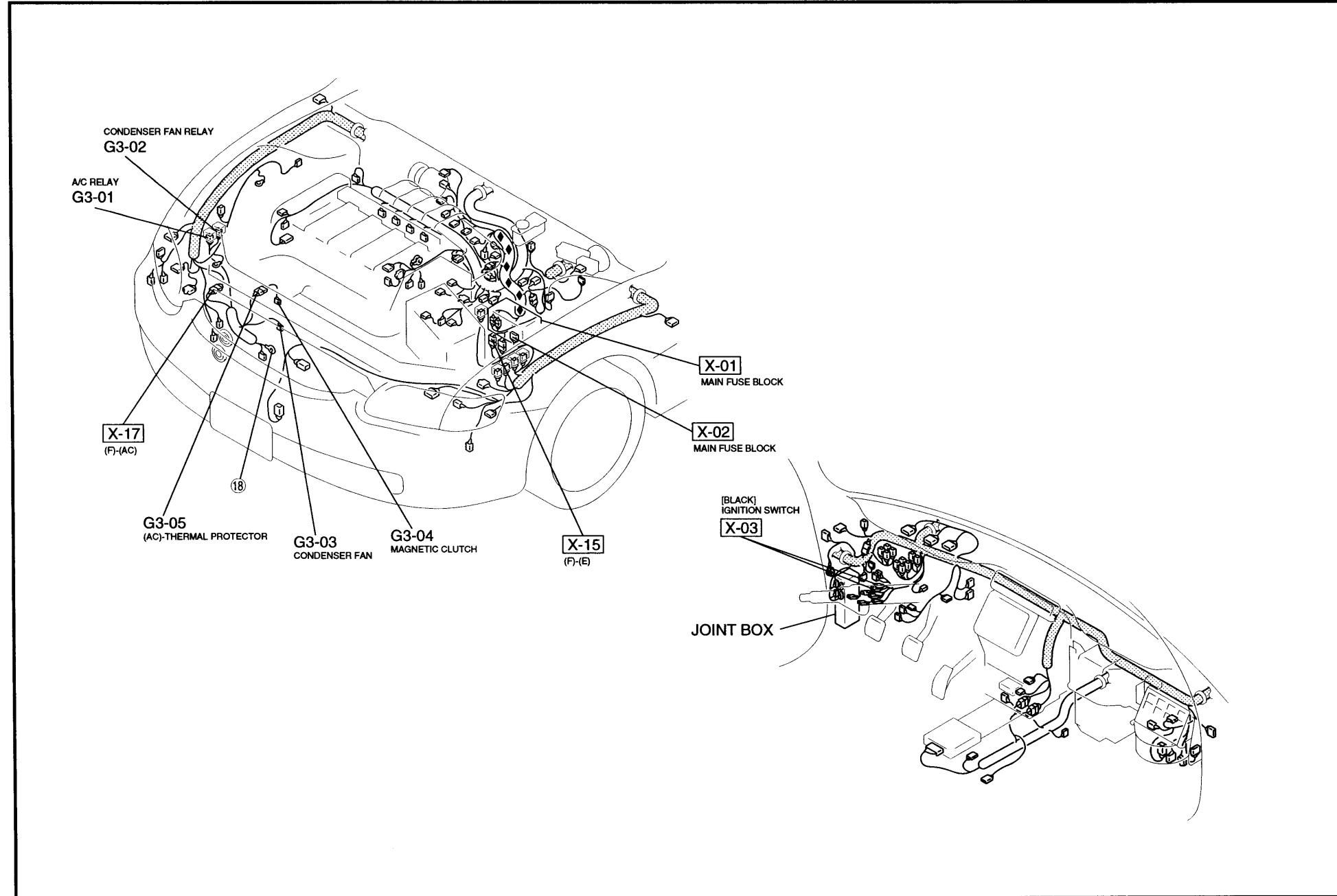
HARNESS SYMBOL : (F) (R) (E)



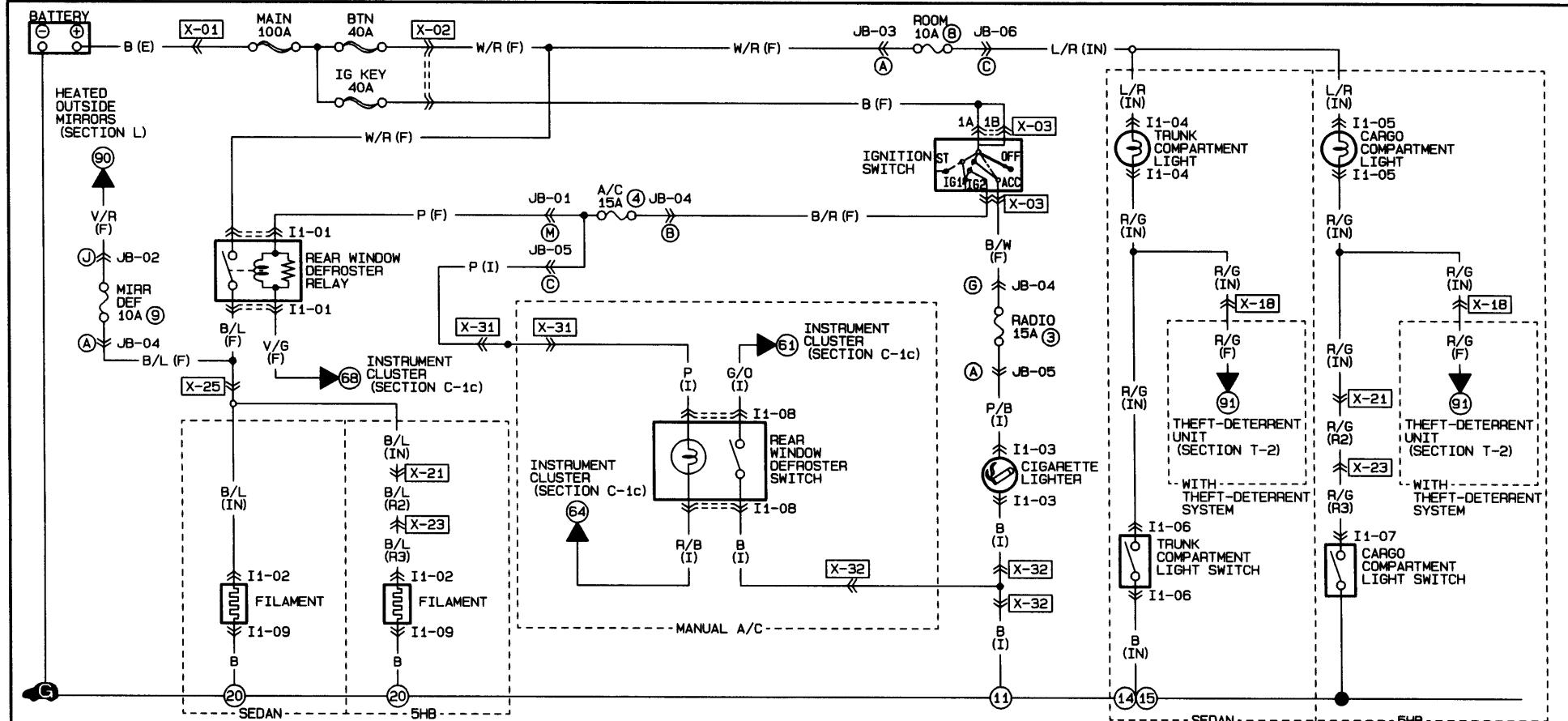
CONDENSER FAN SYSTEM



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

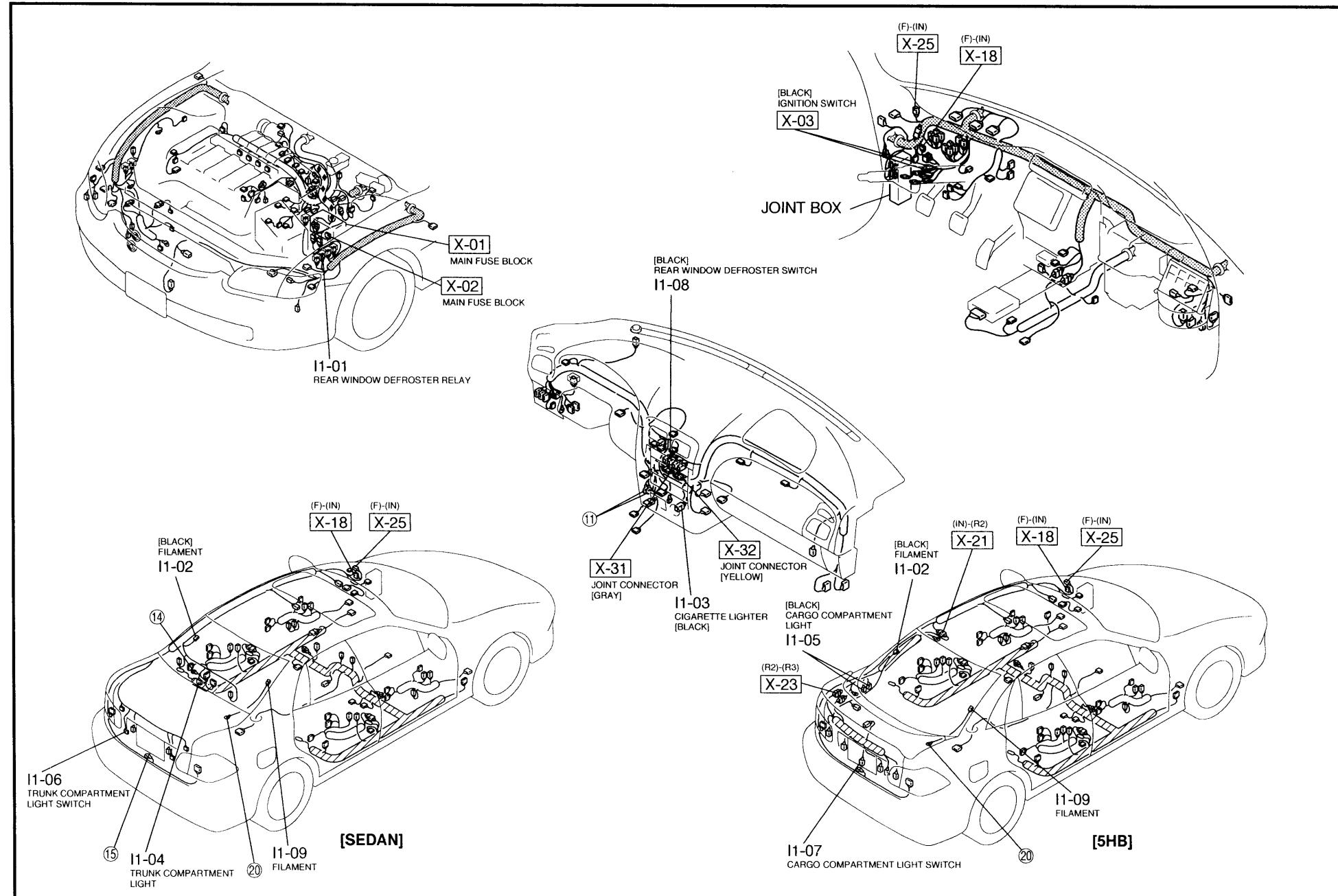


CIGARETTE LIGHTER/REAR WINDOW DEFROSTER/TRUNK COMPARTMENT LIGHT/CARGO COMPARTMENT LIGHT

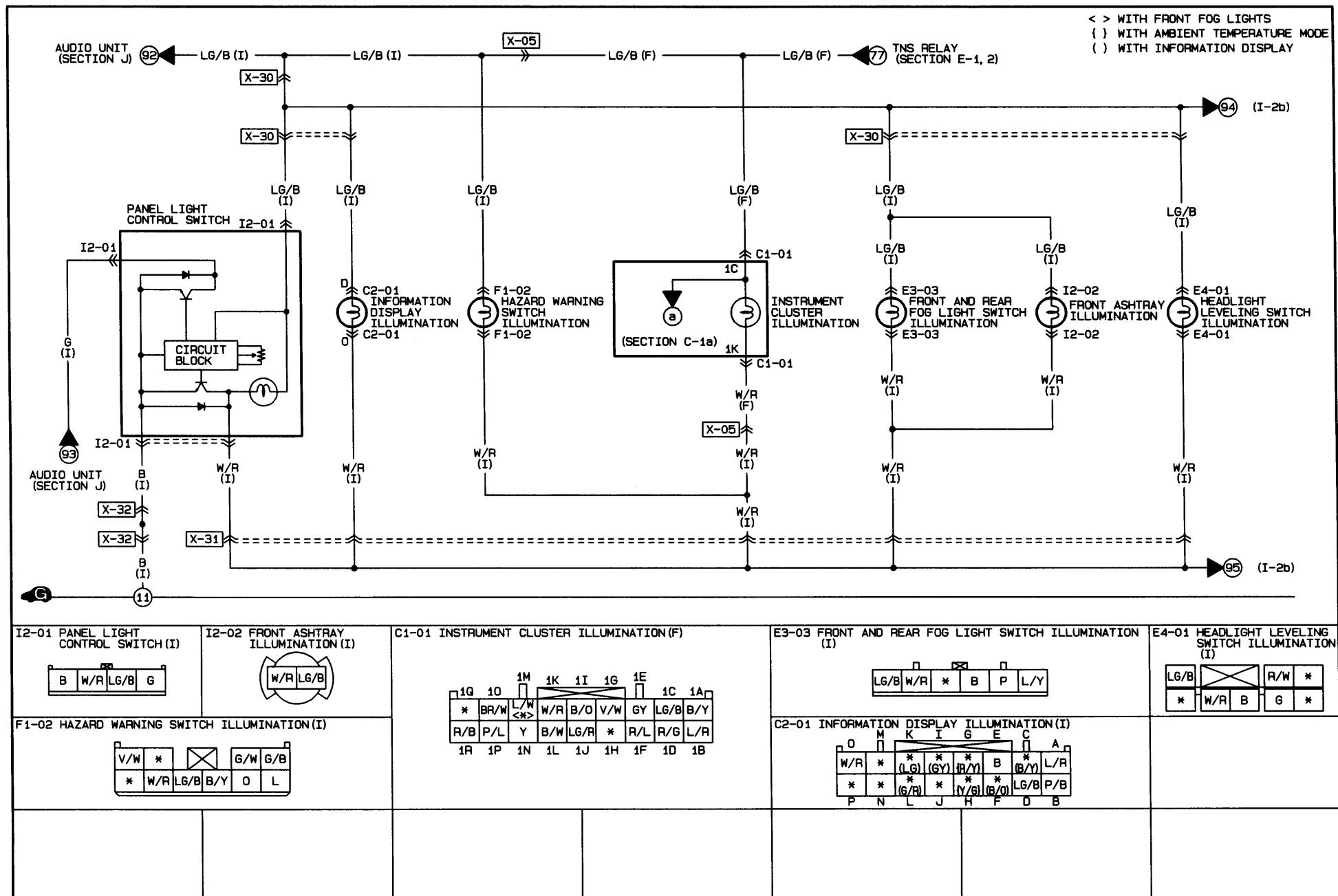


I1-01 REAR WINDOW DEFROSTER RELAY (F)	I1-02 FILAMENT (IN) (R3) SEDAN 5HB B/L P	I1-03 CIGARETTE LIGHTER (I) P/B	I1-04 TRUNK COMPARTMENT LIGHT (IN) (SEDAN)	I1-05 CARGO COMPARTMENT LIGHT (IN) (5HB)	I1-06 TRUNK COMPARTMENT LIGHT SWITCH (IN) (SEDAN)	I1-07 CARGO COMPARTMENT LIGHT SWITCH (R3) (5HB)
I1-08 REAR WINDOW DEFROSTER SWITCH (I) (MANUAL A/C)	I1-09 FILAMENT (SHORT CORD)					

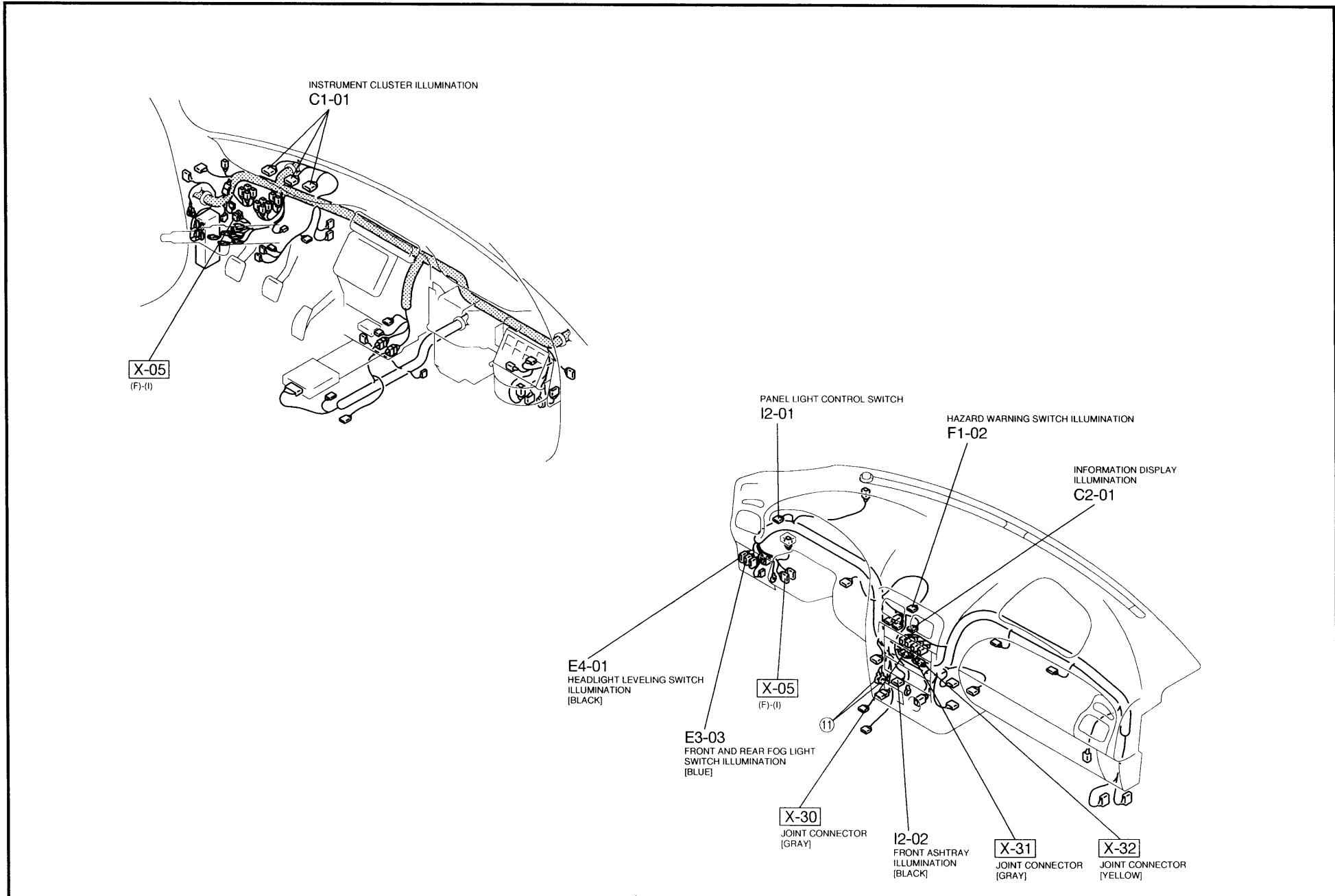
HARNESS SYMBOL :  (F)  (R)  (E)



ILLUMINATION LIGHTS

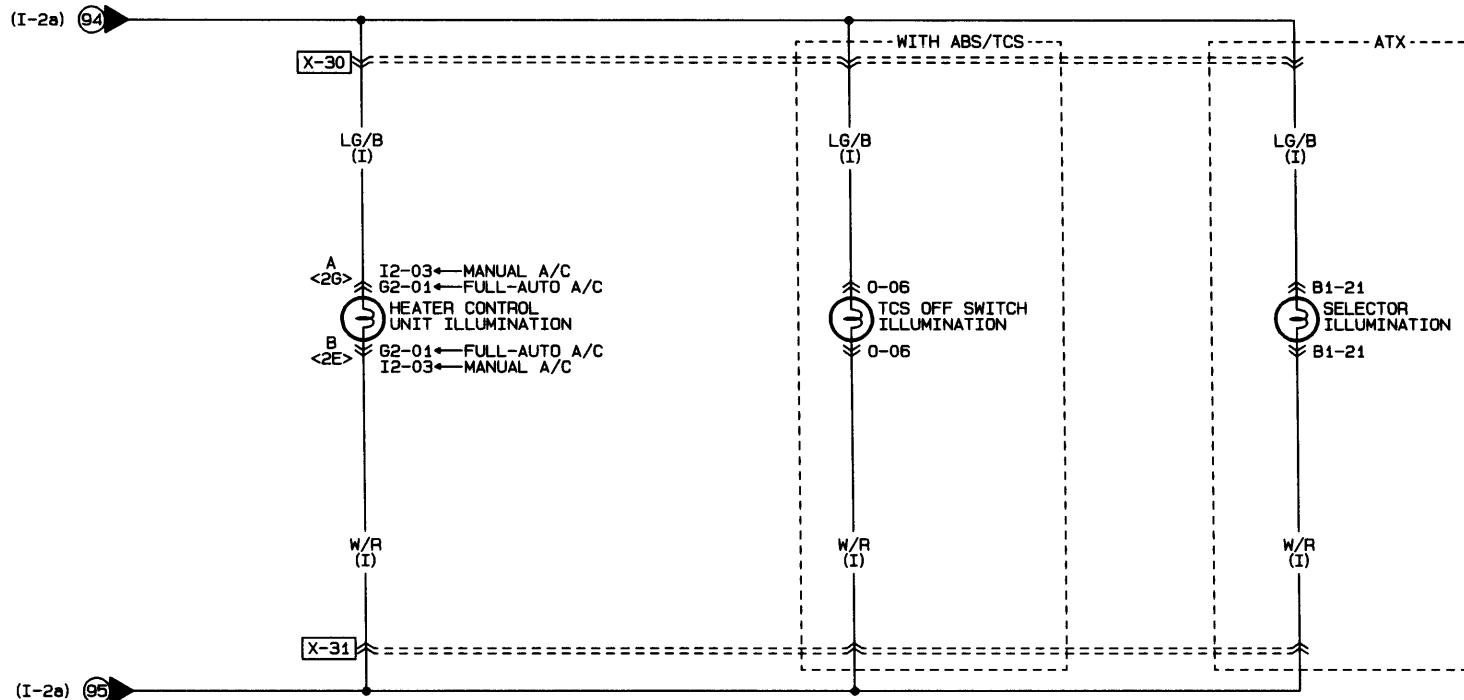


HARNESS SYMBOL :  (F)  (R)  (E)



ILLUMINATION LIGHTS

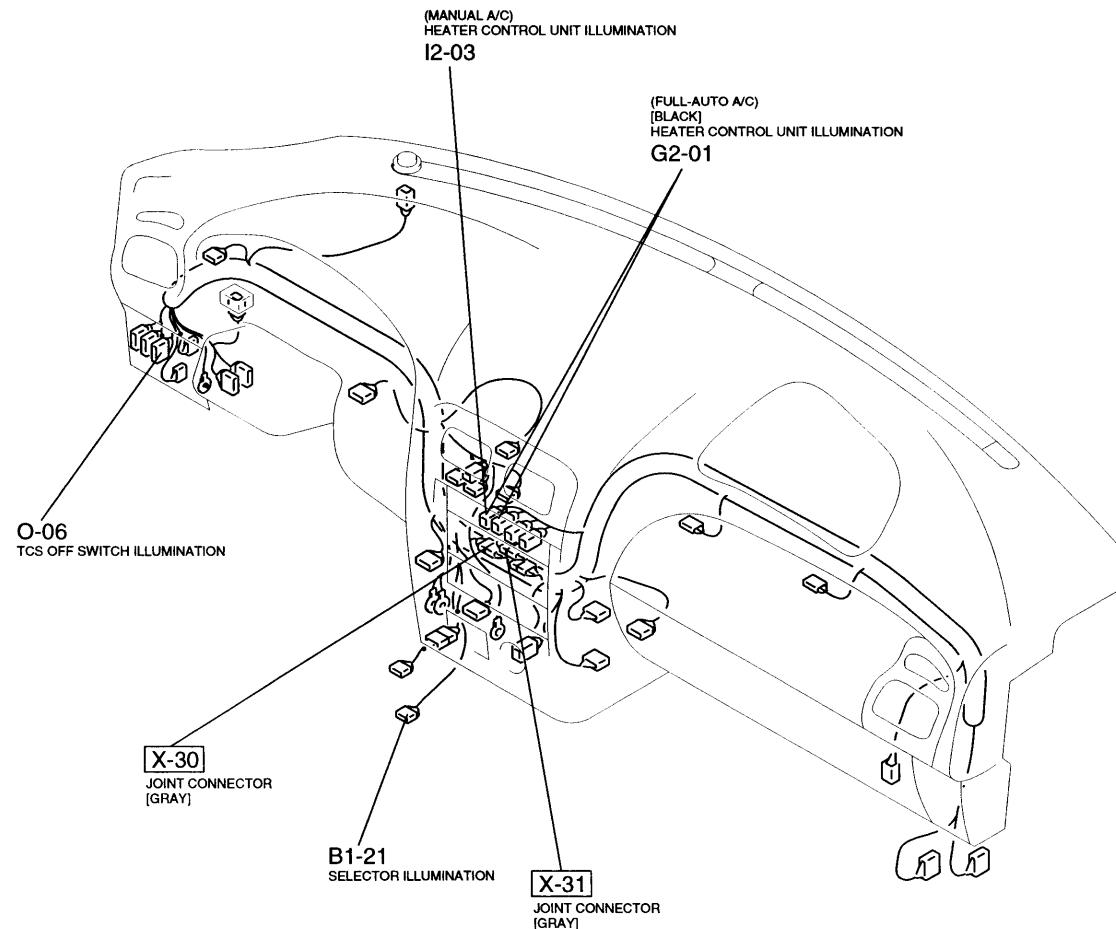
< > FULL-AUTO A/C



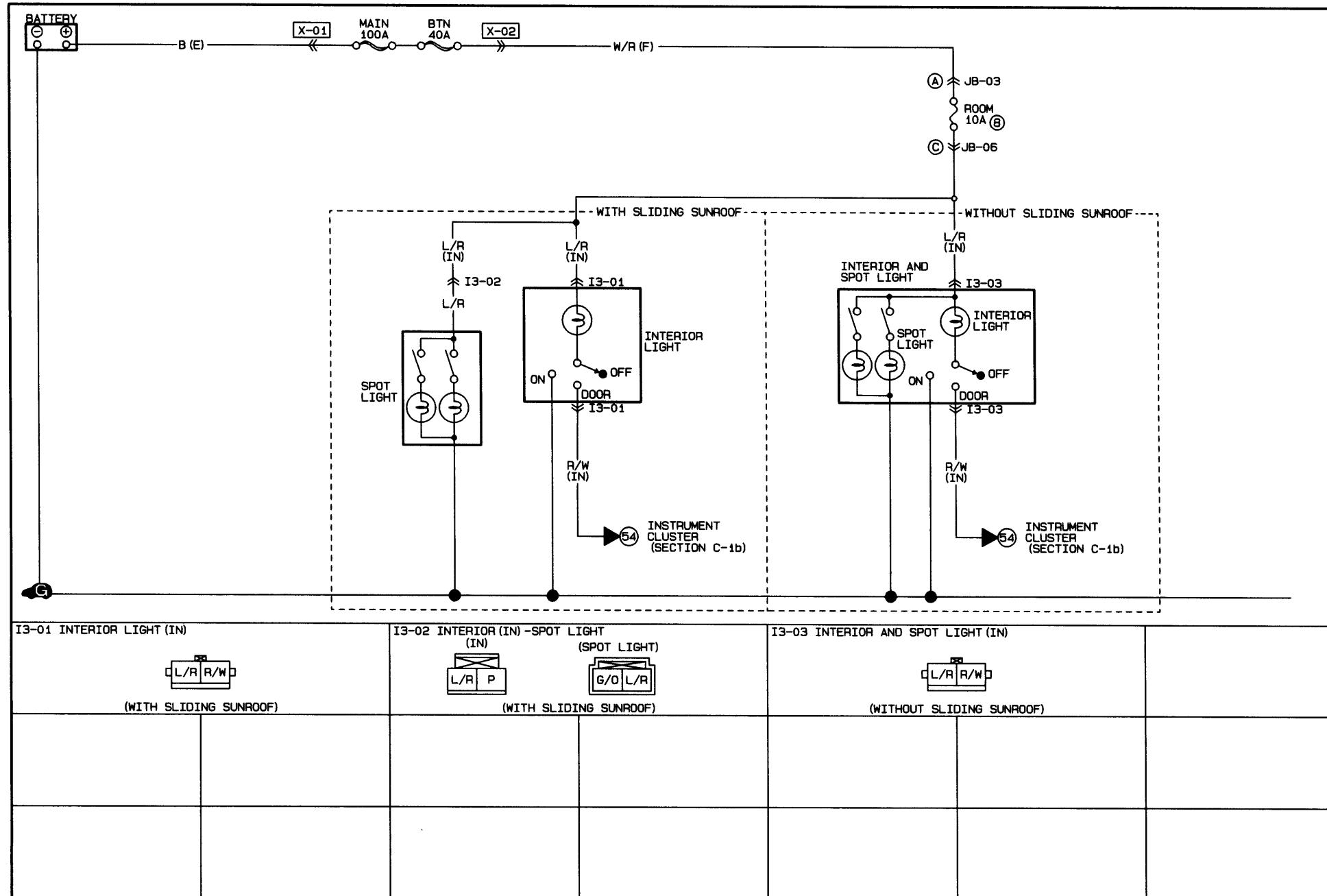
PI 1

I2-03 HEATER CONTROL UNIT ILLUMINATION (I)	B1-21 SELECTOR ILLUMINATION (I)	G2-01 HEATER CONTROL UNIT ILLUMINATION (I)	O-06 TCS OFF SWITCH ILLUMINATION (I)	
A LG/B B W/R (MANUAL A/C)	B/Y LG/B B W/R (ATX)	20 2M 2K 2I 2G B * V/W L/W LG/B W/R L/R P G/O * BR P/B L B/W G/Y Y 2P 2N 2L 2J 2H 2F 2D 2B	LG/B W/R B * P/B (WITH ABS/TCS)	
		(FULL-AUTO A/C)		

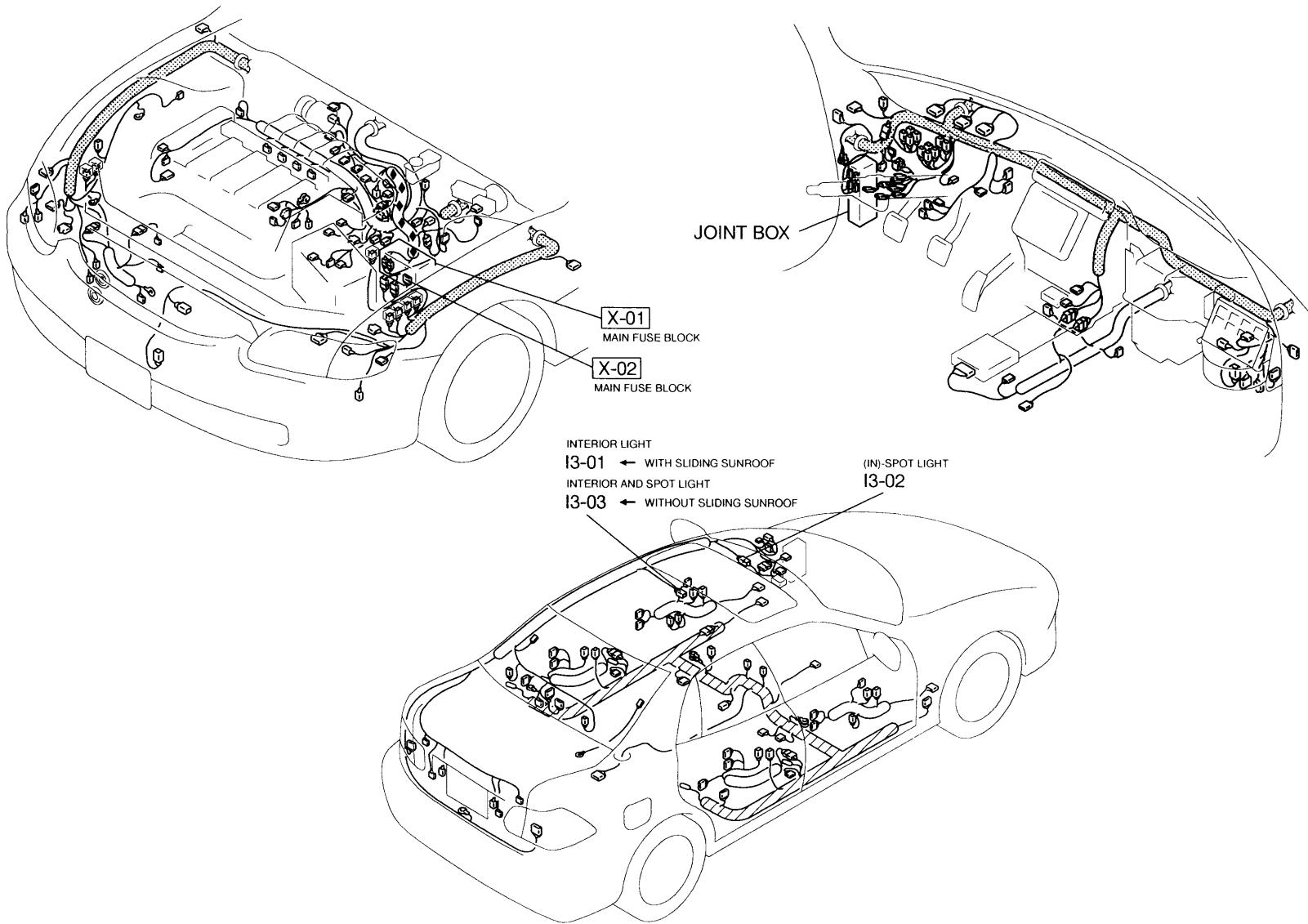
HARNESS SYMBOL :  (F)  (R)  (E)



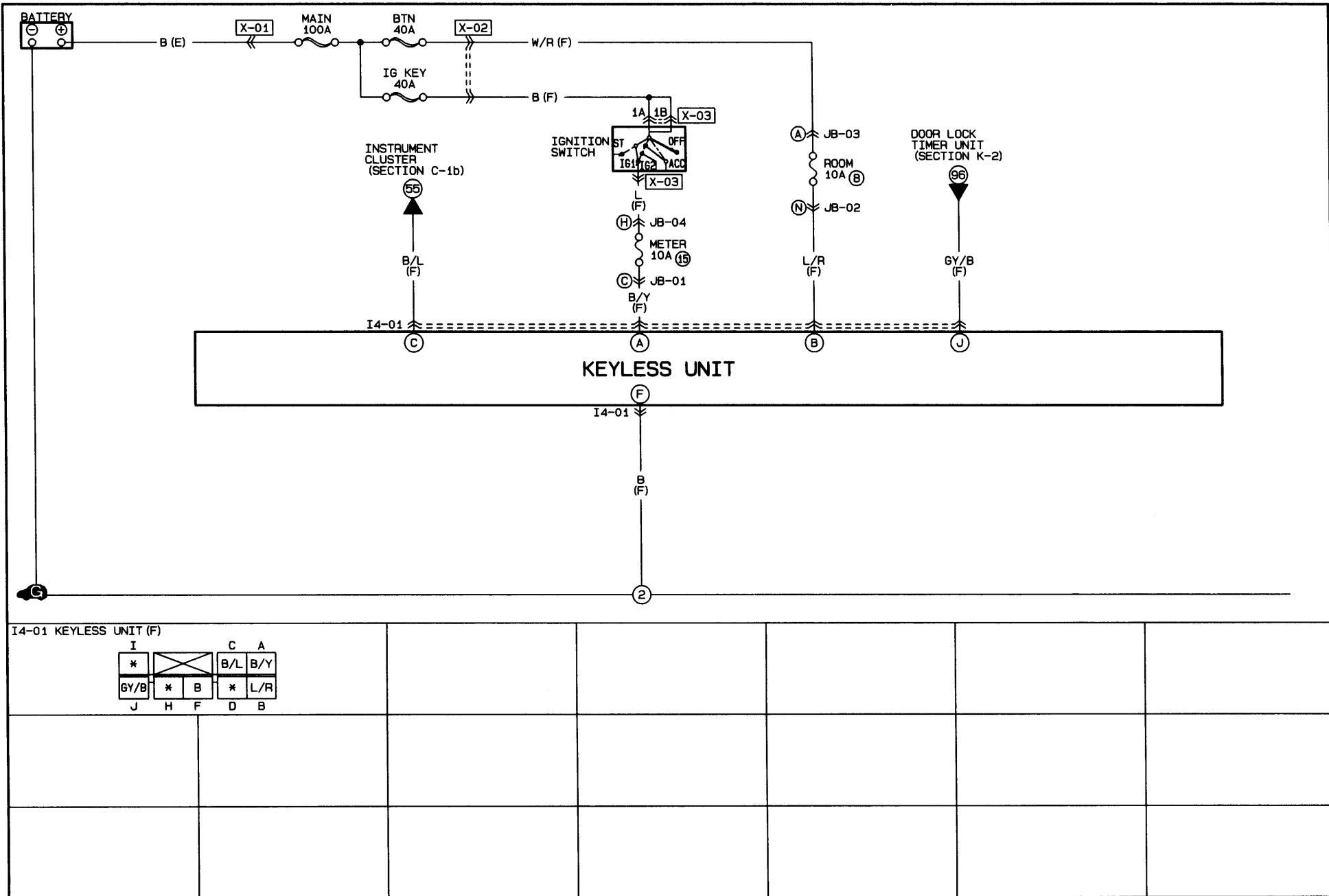
SPOT LIGHT/INTERIOR LIGHT



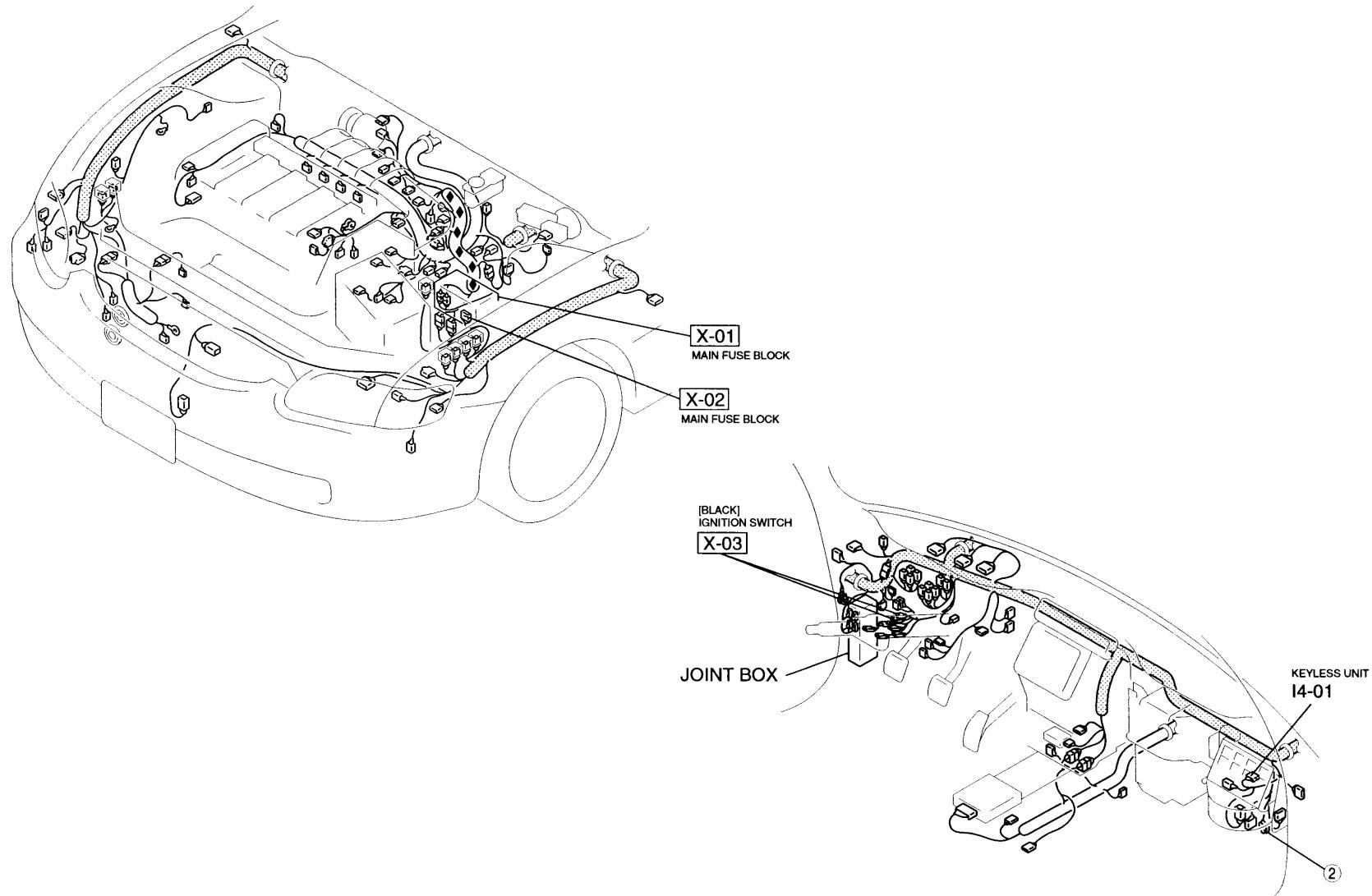
HARNESS SYMBOL : ■■■ (F) ■■■ (R) ♦♦♦ (E)



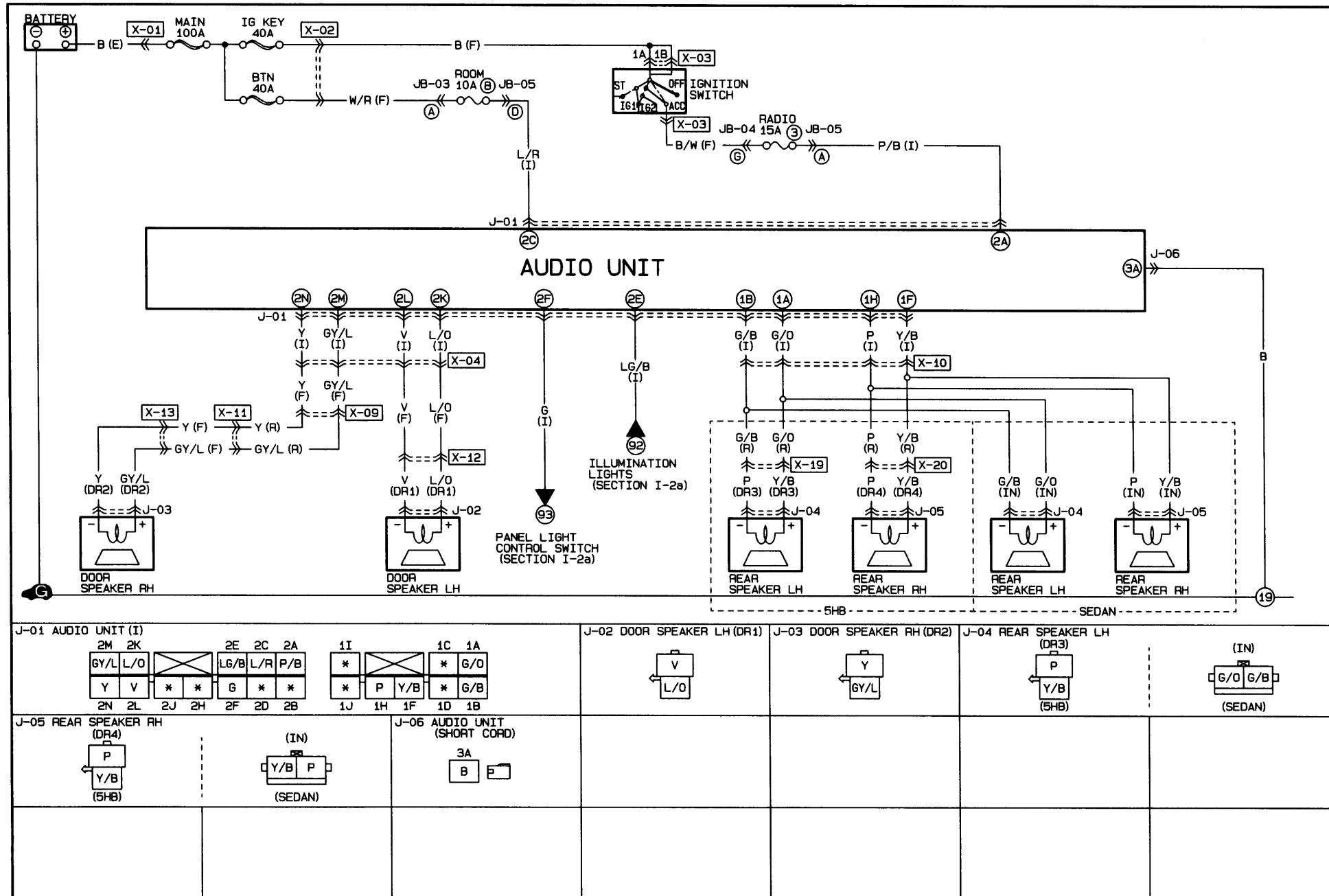
KEYLESS UNIT



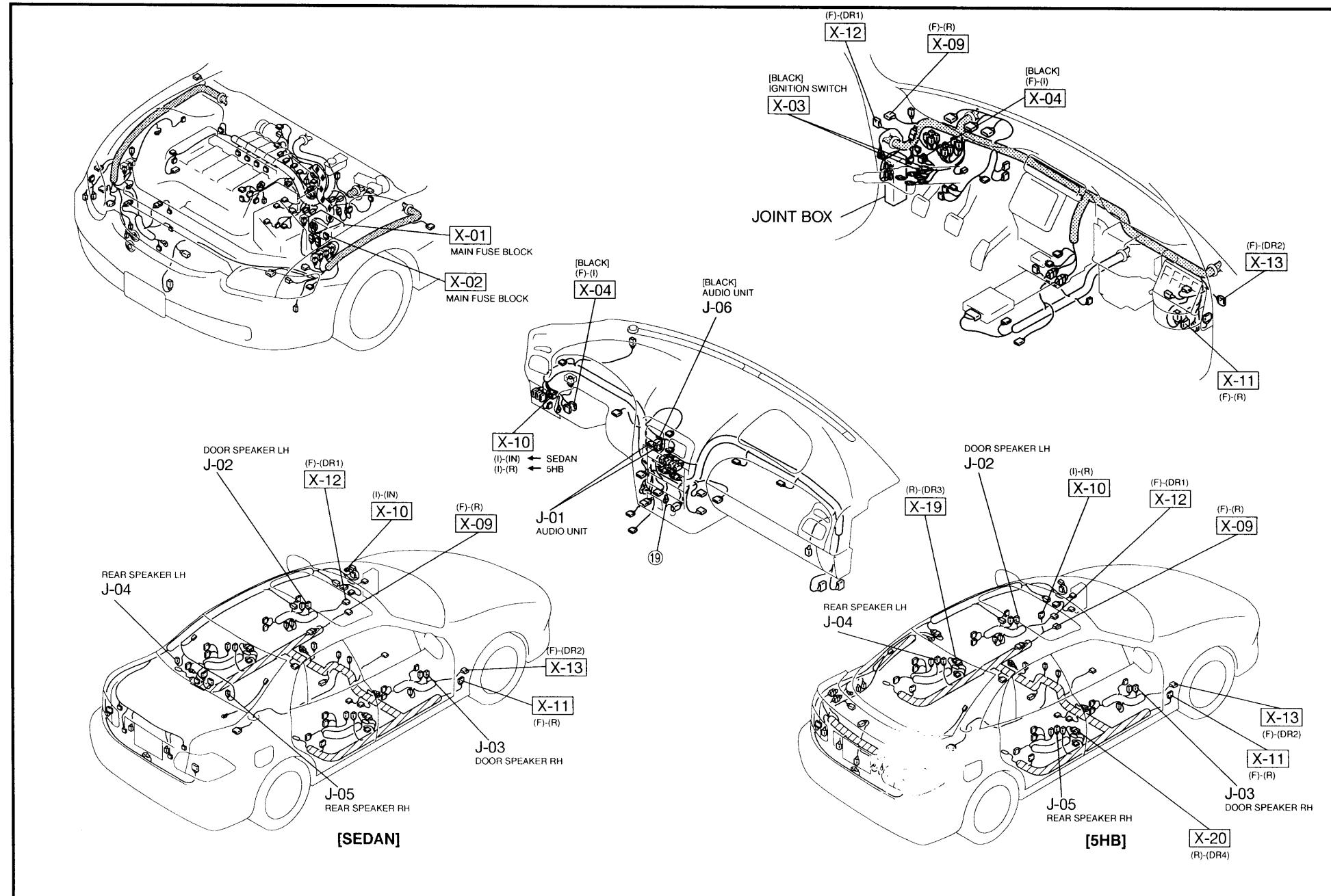
HARNESS SYMBOL : (F) (R) (E)



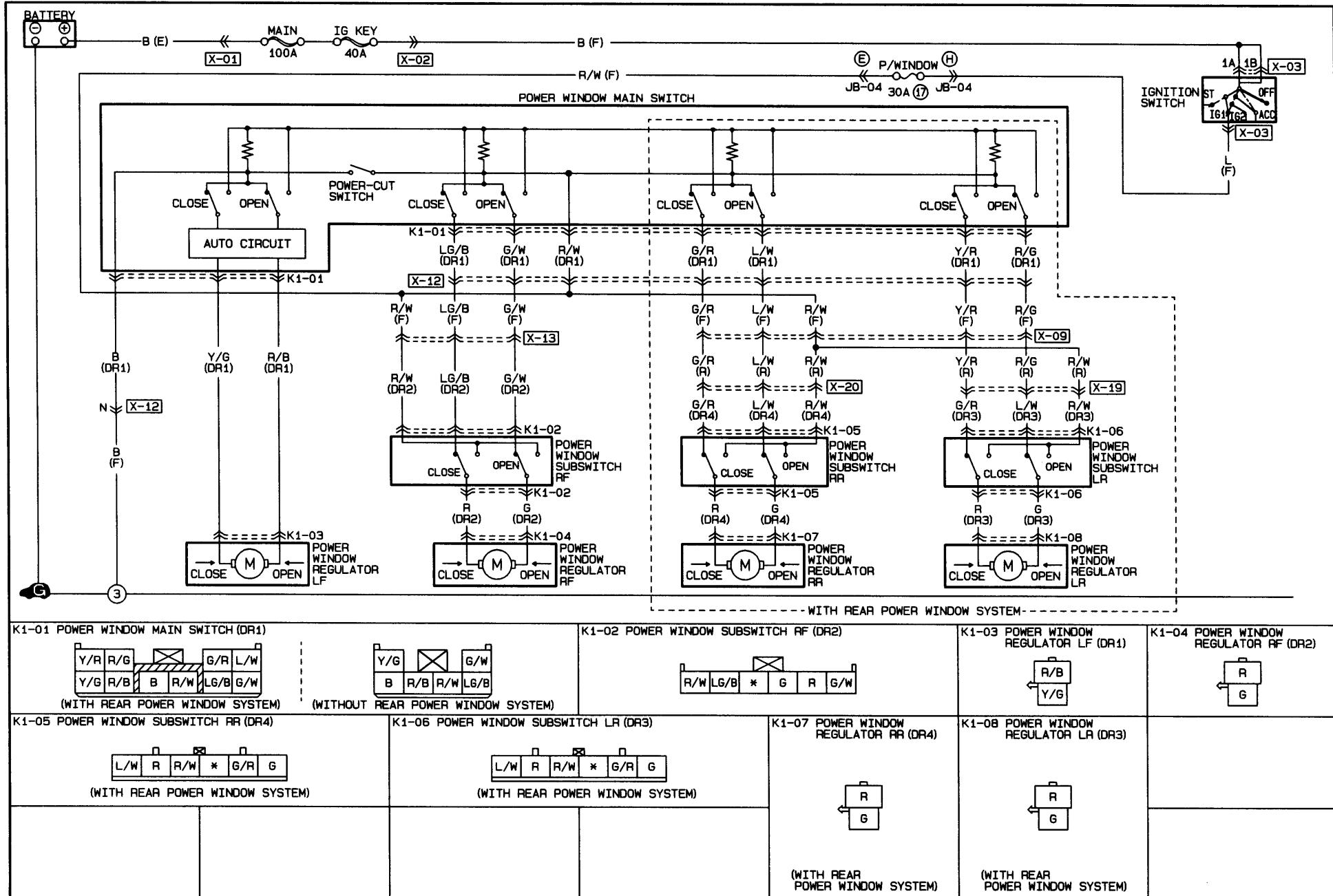
AUDIO SYSTEM



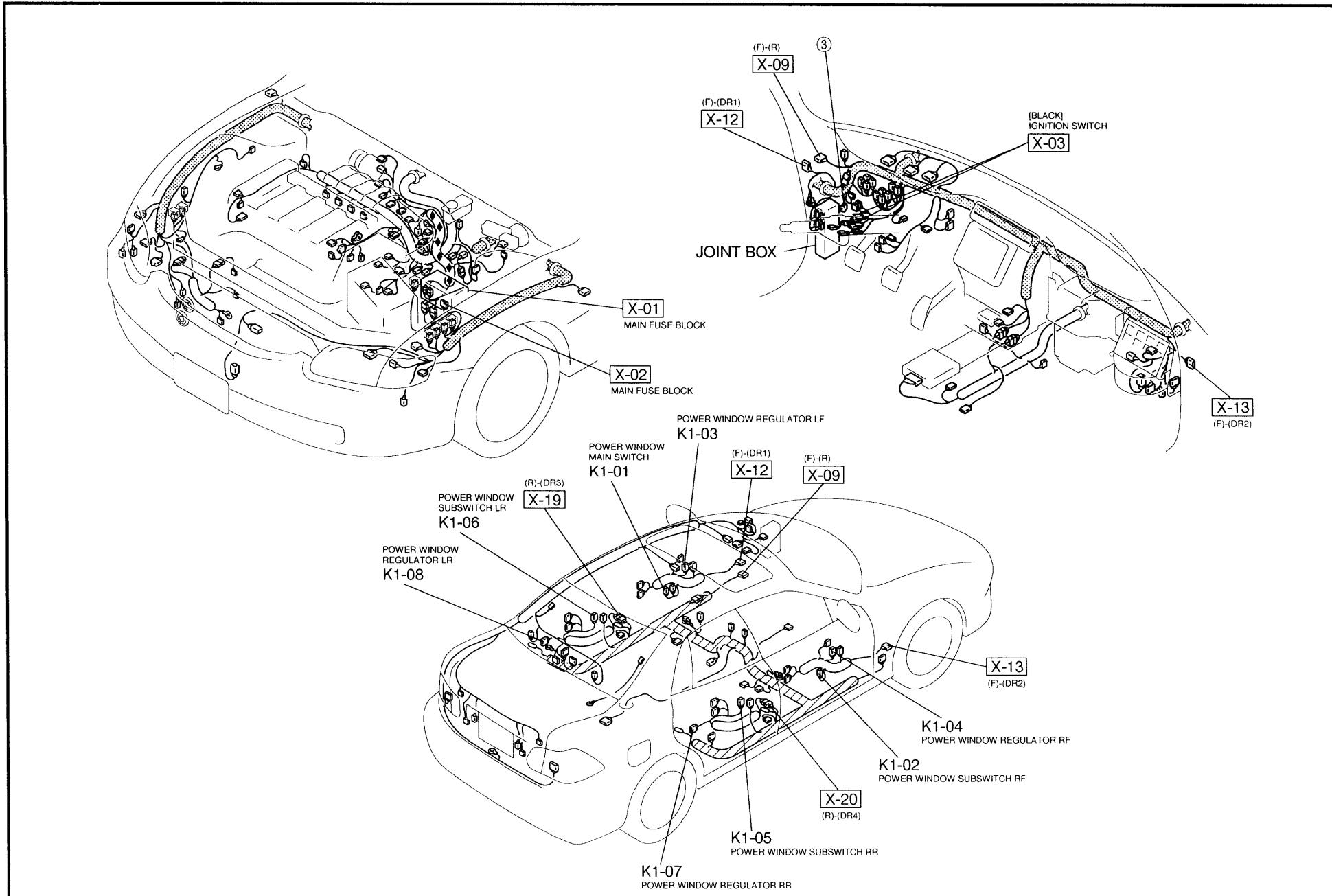
HARNESS SYMBOL :  (F)  (R)  (E)



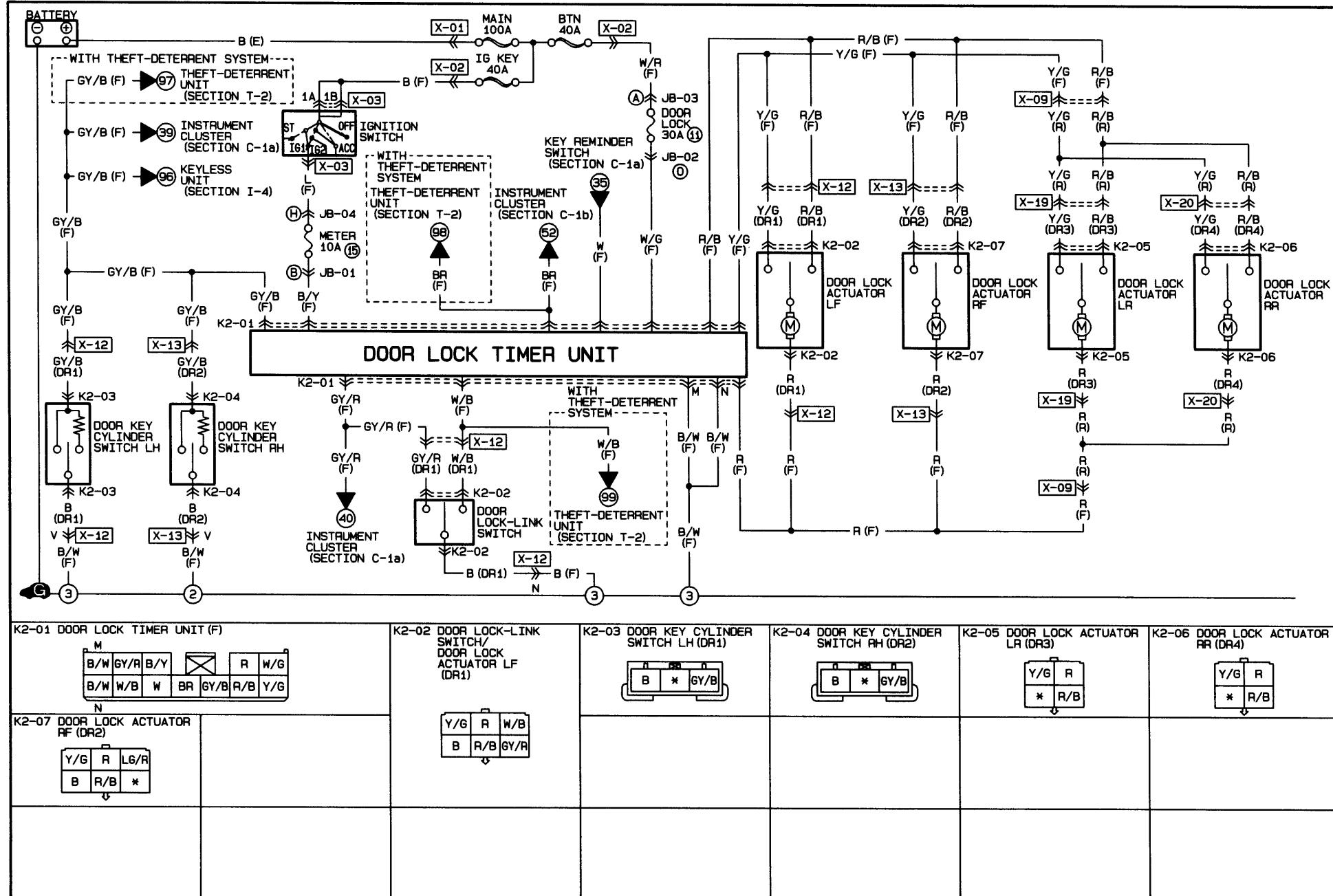
POWER WINDOWS



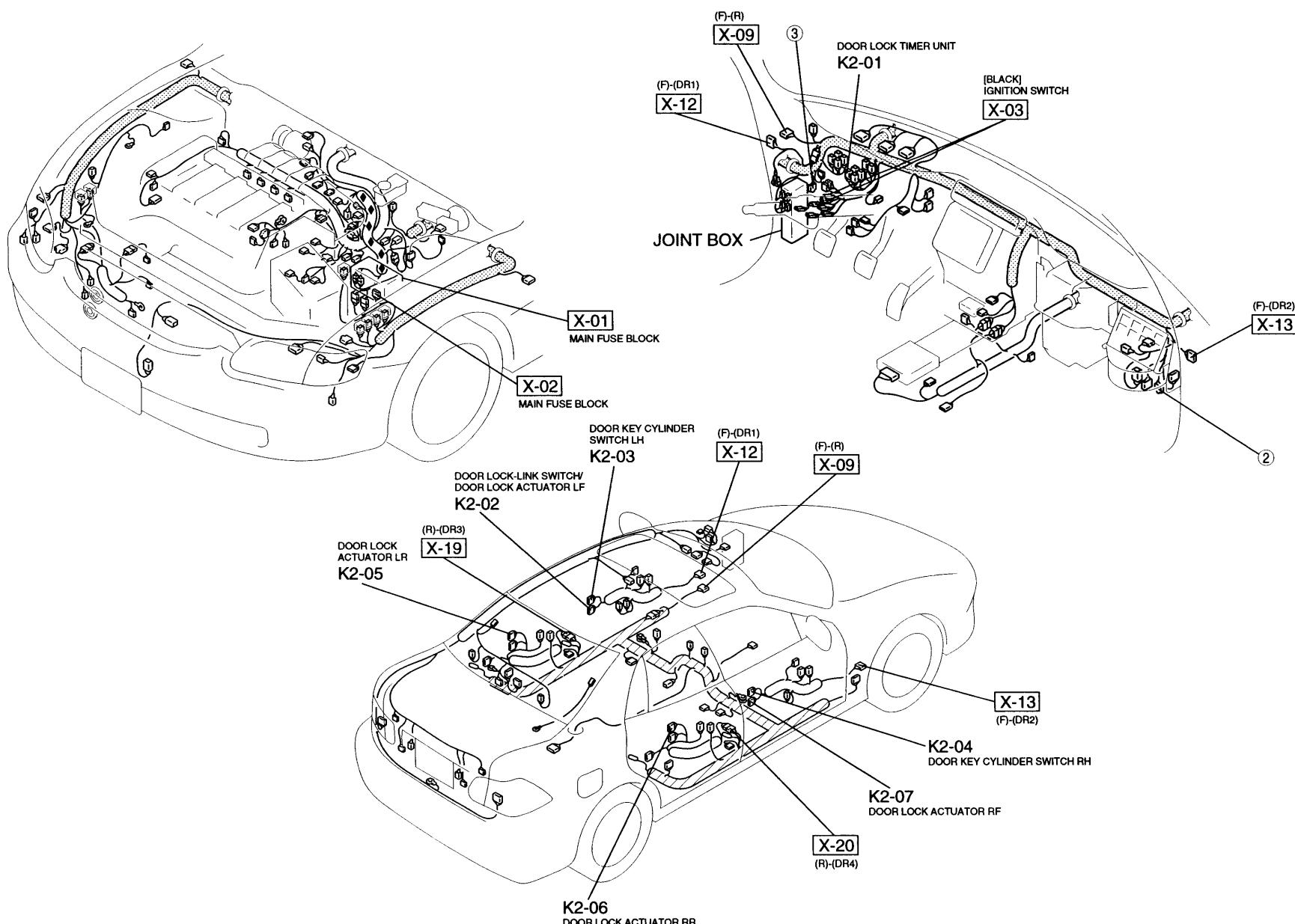
HARNESS SYMBOL : ■■■ (F) ■■■ (R) ♦♦♦ (E)



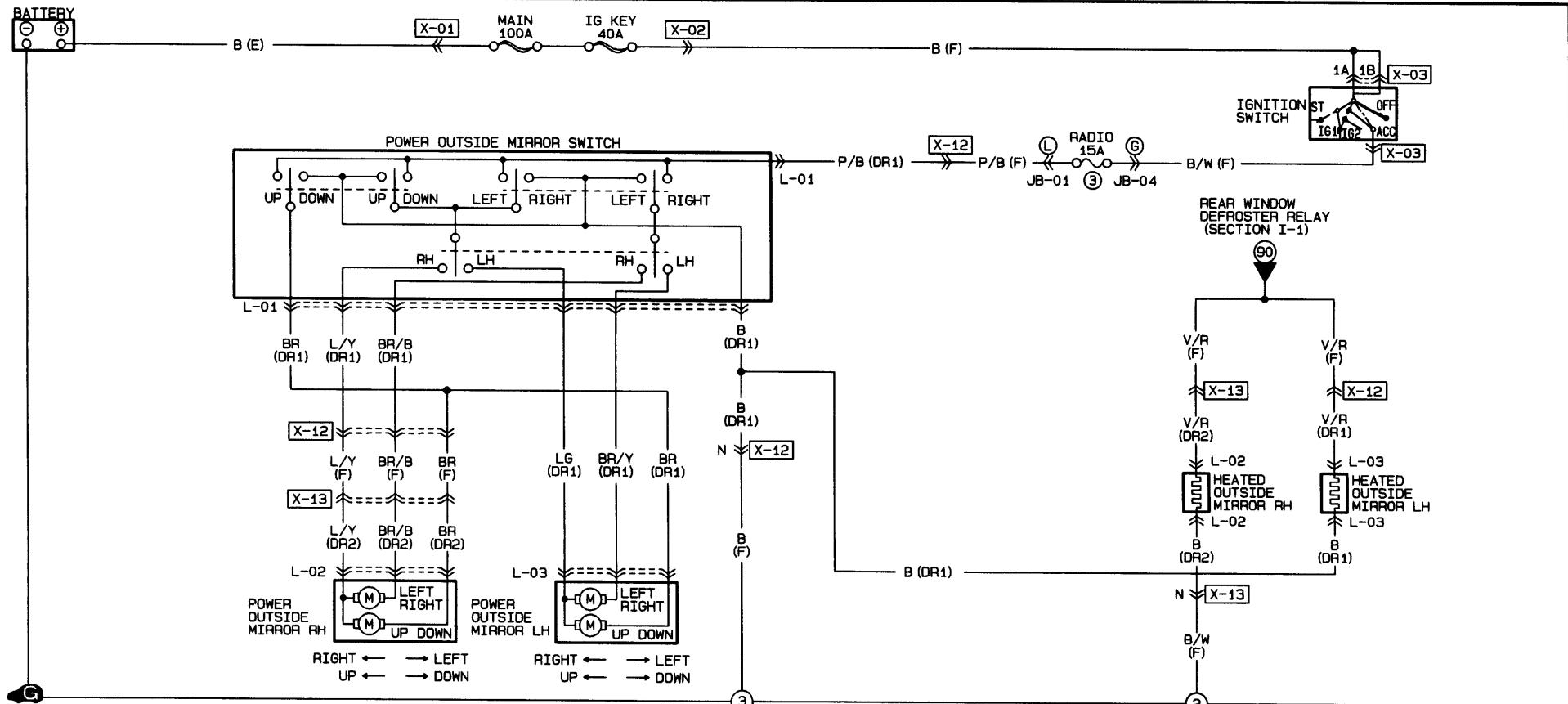
POWER DOOR LOCK SYSTEM



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



POWER OUTSIDE MIRRORS/HEATED OUTSIDE MIRRORS



L-01 POWER OUTSIDE MIRROR SWITCH (DR1)

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

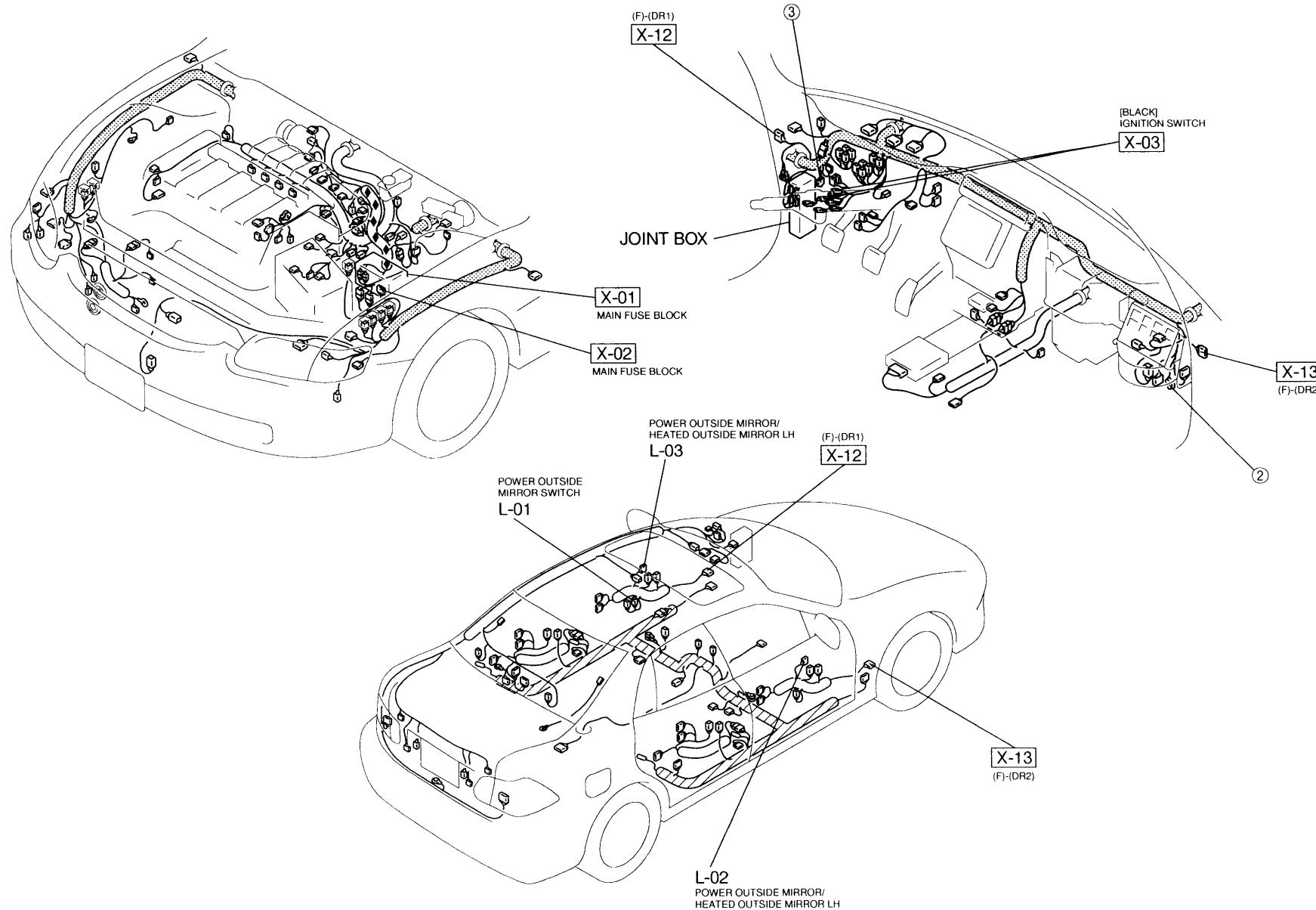
L-02 POWER OUTSIDE MIRROR/
HEATED OUTSIDE MIRROR RH (DR2)

*	*		*	
BR	L/Y	BR/B	V/R	B

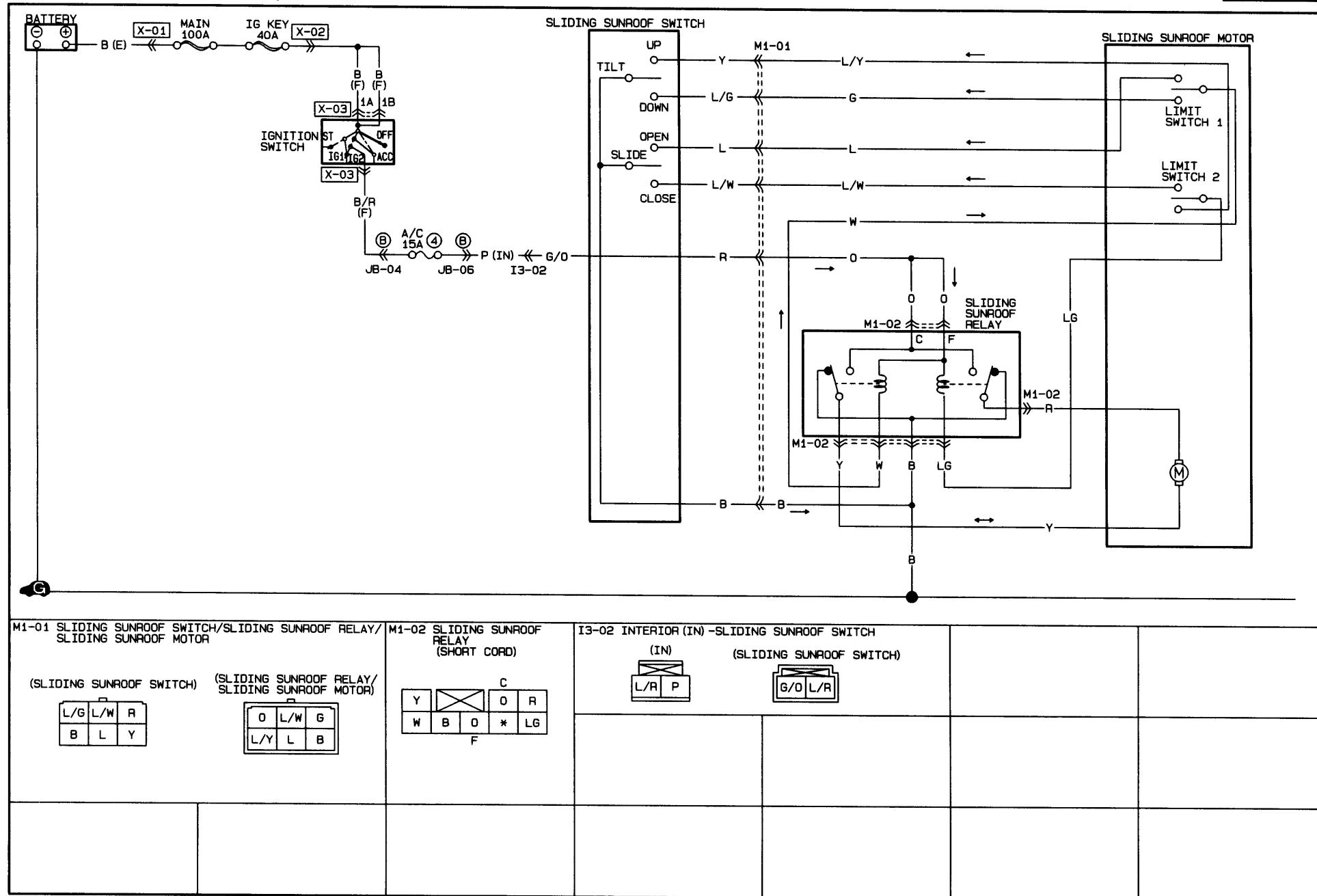
L-03 POWER OUTSIDE MIRROR/
HEATED OUTSIDE MIRROR LH (DR1)

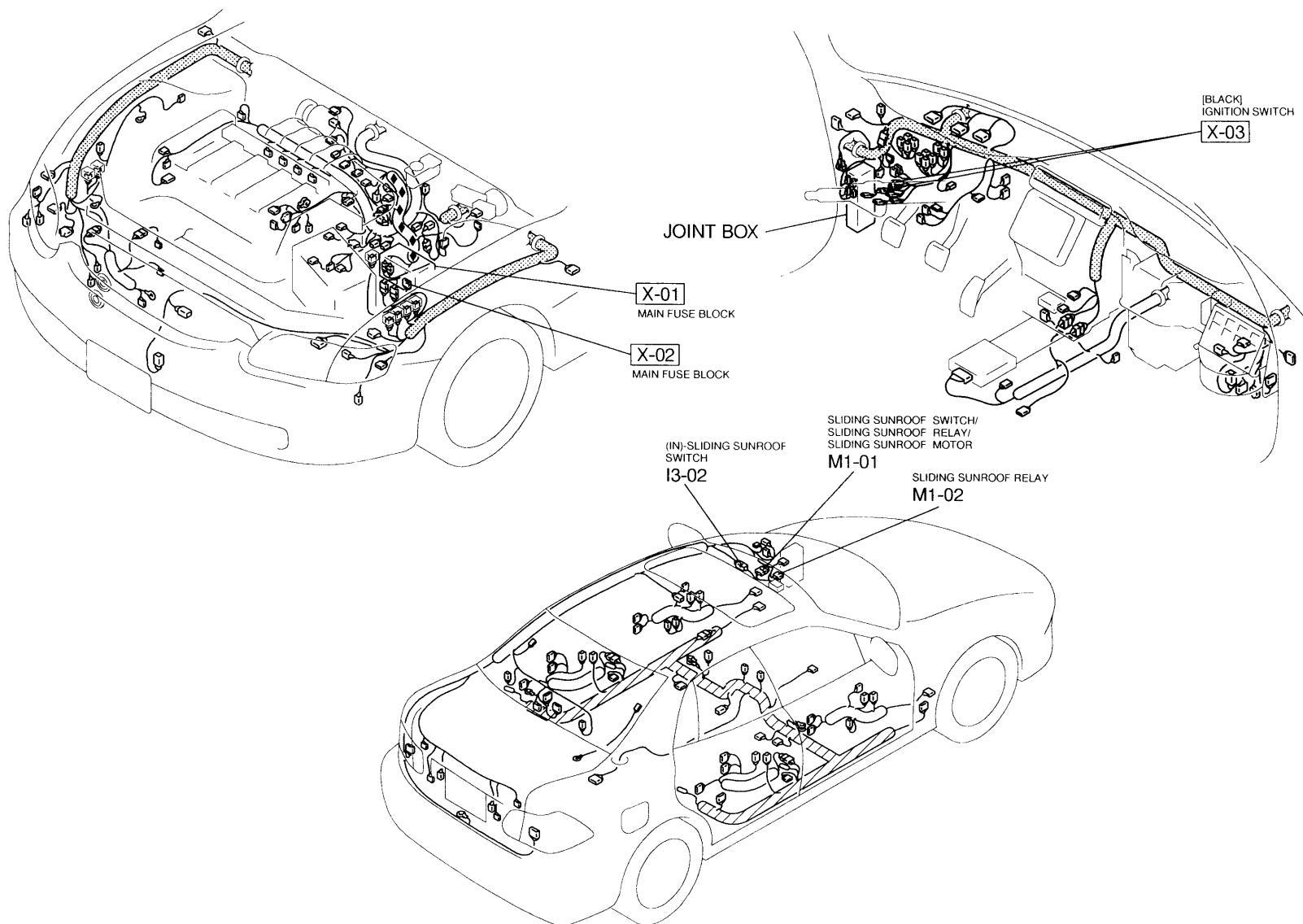
*	*		*	
BR	LG	BR/Y	V/R	B

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

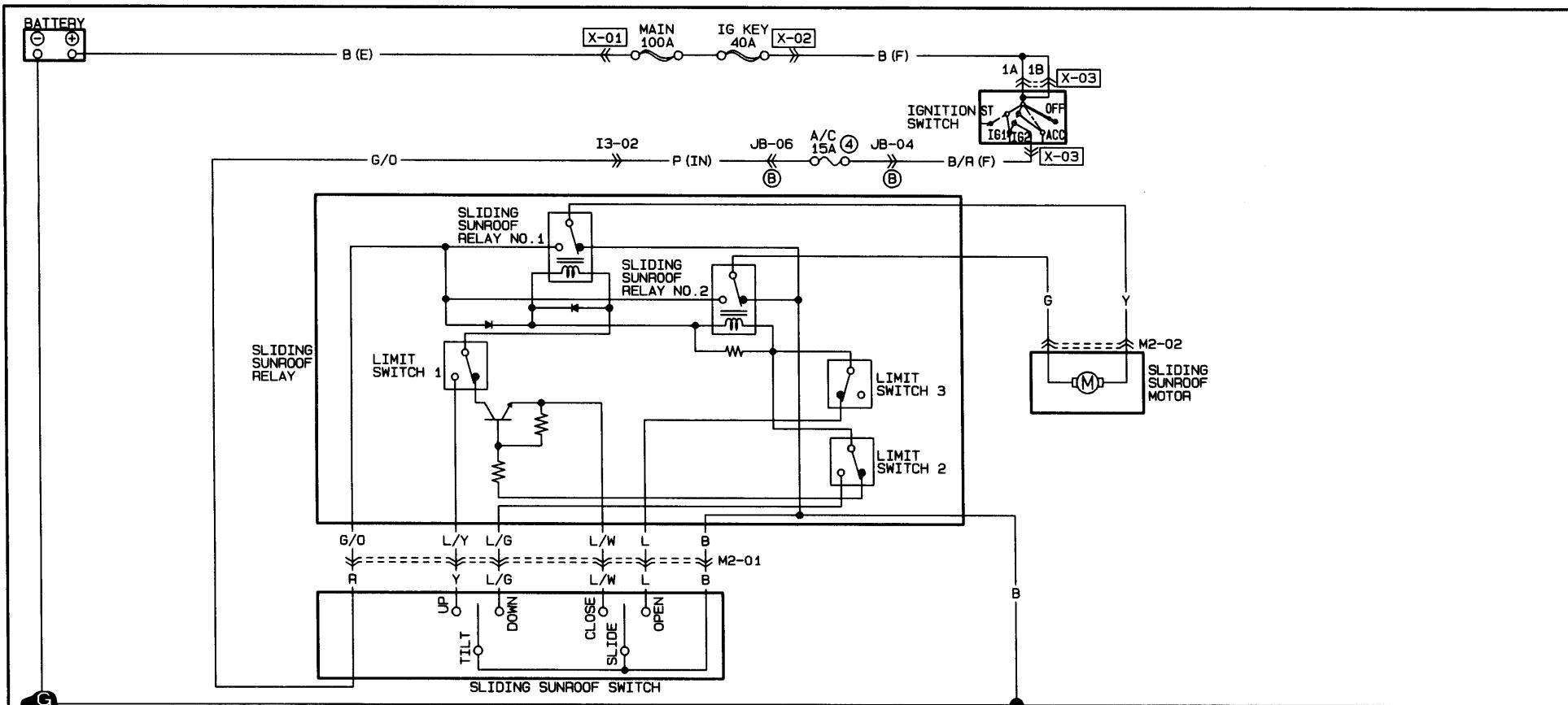


SLIDING SUNROOF (SEDAN)





SLIDING SUNROOF (5HB)

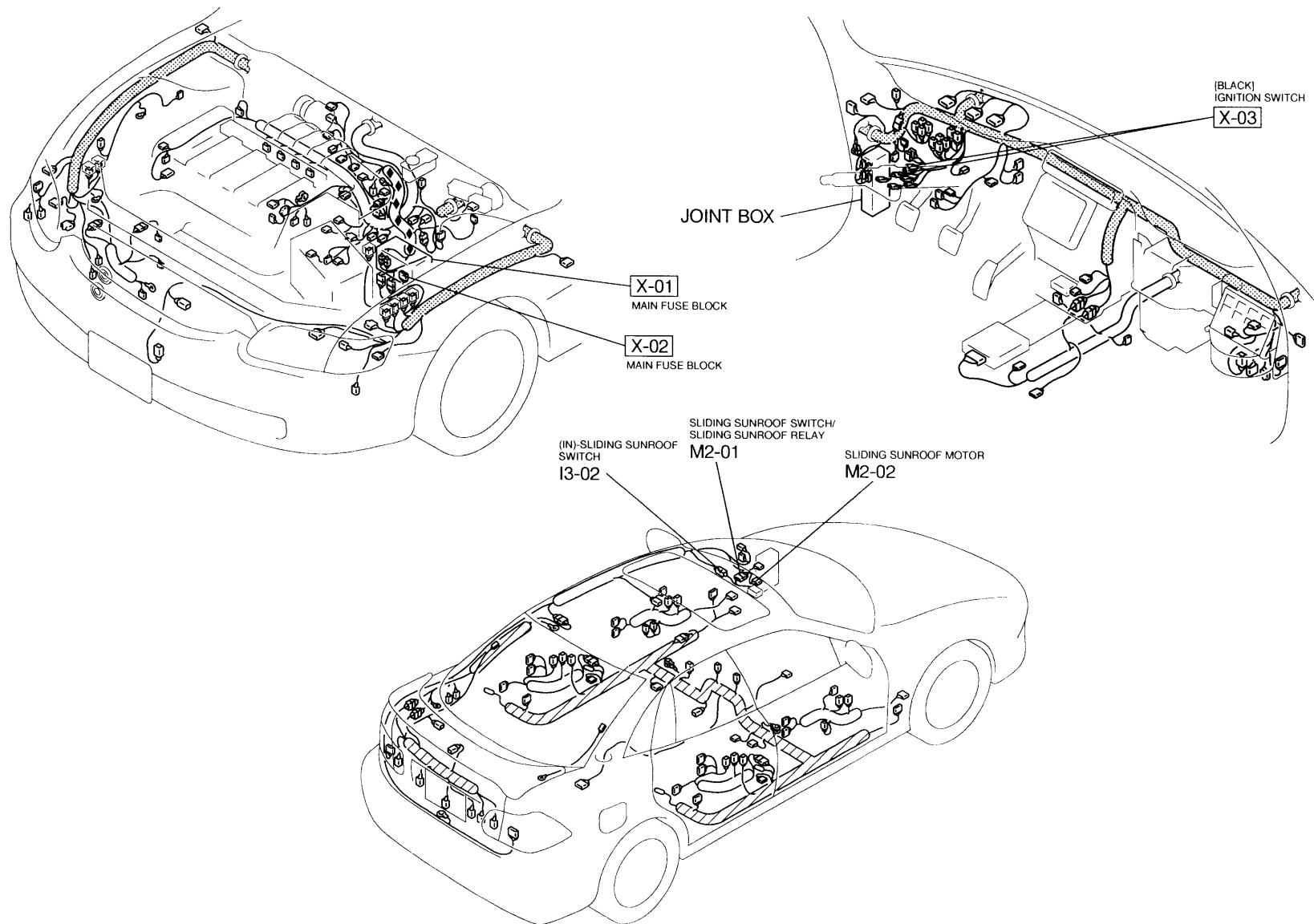


PI 2

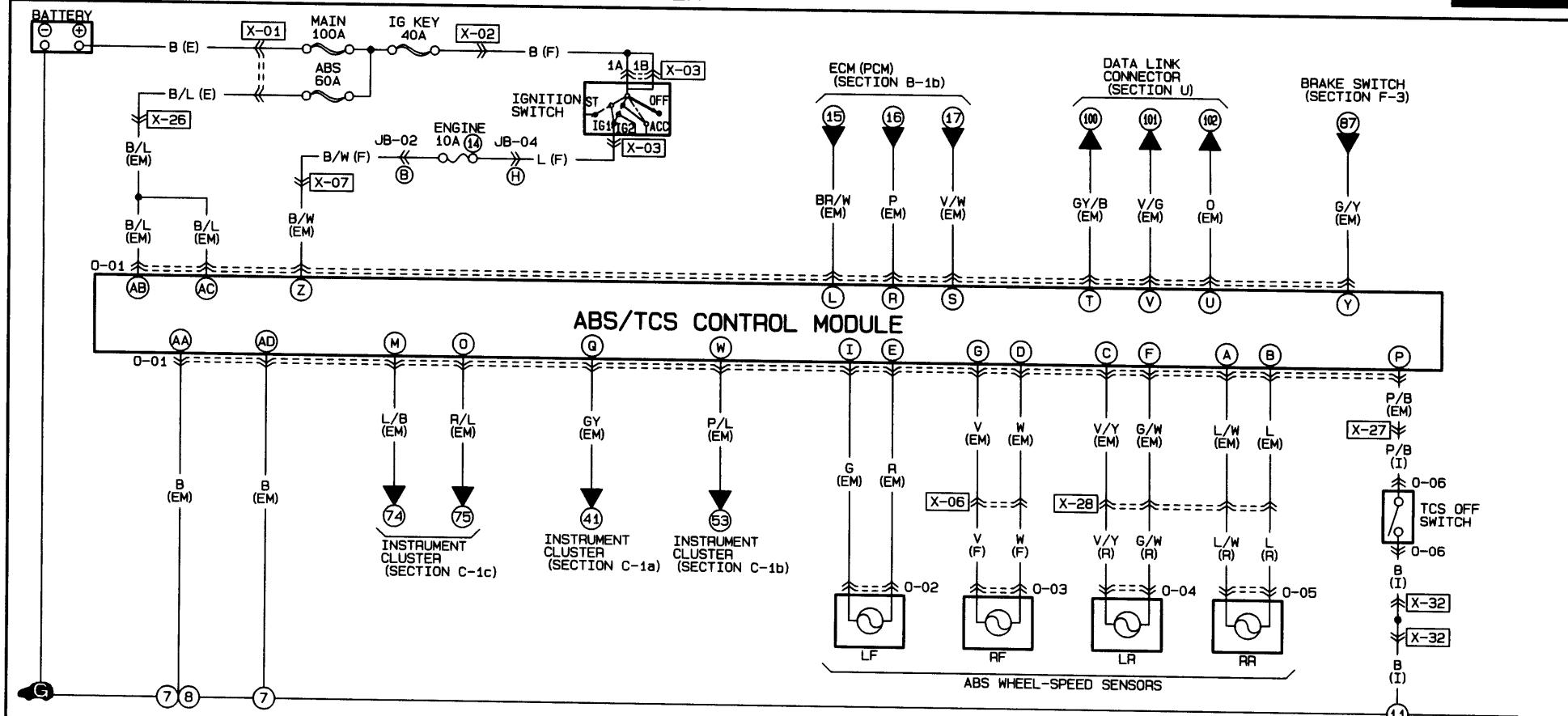
M2-01 SLIDING SUNROOF SWITCH/SLIDING SUNROOF RELAY (SLIDING SUNROOF SWITCH) (SLIDING SUNROOF RELAY)	M2-02 SLIDING SUNROOF MOTOR (SHORT CORD)	I3-02 INTERIOR (IN) - SLIDING SUNROOF SWITCH (IN) (SLIDING SUNROOF SWITCH)																																										
<table border="1"> <tr> <td>L/G</td><td>L/W</td><td>R</td><td></td><td></td></tr> <tr> <td>B</td><td>L</td><td>Y</td><td></td><td></td></tr> </table> <table border="1"> <tr> <td>G/O</td><td>L/W</td><td>L/G</td><td></td><td></td></tr> <tr> <td>L/Y</td><td>L</td><td>B</td><td></td><td></td></tr> </table>	L/G	L/W	R			B	L	Y			G/O	L/W	L/G			L/Y	L	B			<table border="1"> <tr> <td>Y</td><td></td><td></td><td></td><td></td></tr> <tr> <td>G</td><td></td><td></td><td></td><td></td></tr> </table>	Y					G					<table border="1"> <tr> <td>L/R</td><td>P</td><td></td><td></td><td></td></tr> <tr> <td>G/O</td><td>L/R</td><td></td><td></td><td></td></tr> </table>	L/R	P				G/O	L/R					
L/G	L/W	R																																										
B	L	Y																																										
G/O	L/W	L/G																																										
L/Y	L	B																																										
Y																																												
G																																												
L/R	P																																											
G/O	L/R																																											

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

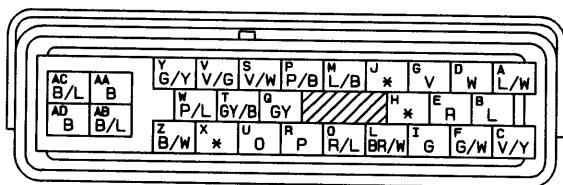
85



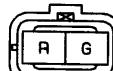
ANTILOCK BRAKE SYSTEM/TRACTION CONTROL SYSTEM



0-01 ABS/TCS CONTROL MODULE (EM)



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



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



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



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



0-06 TCS OFF SWITCH (I)

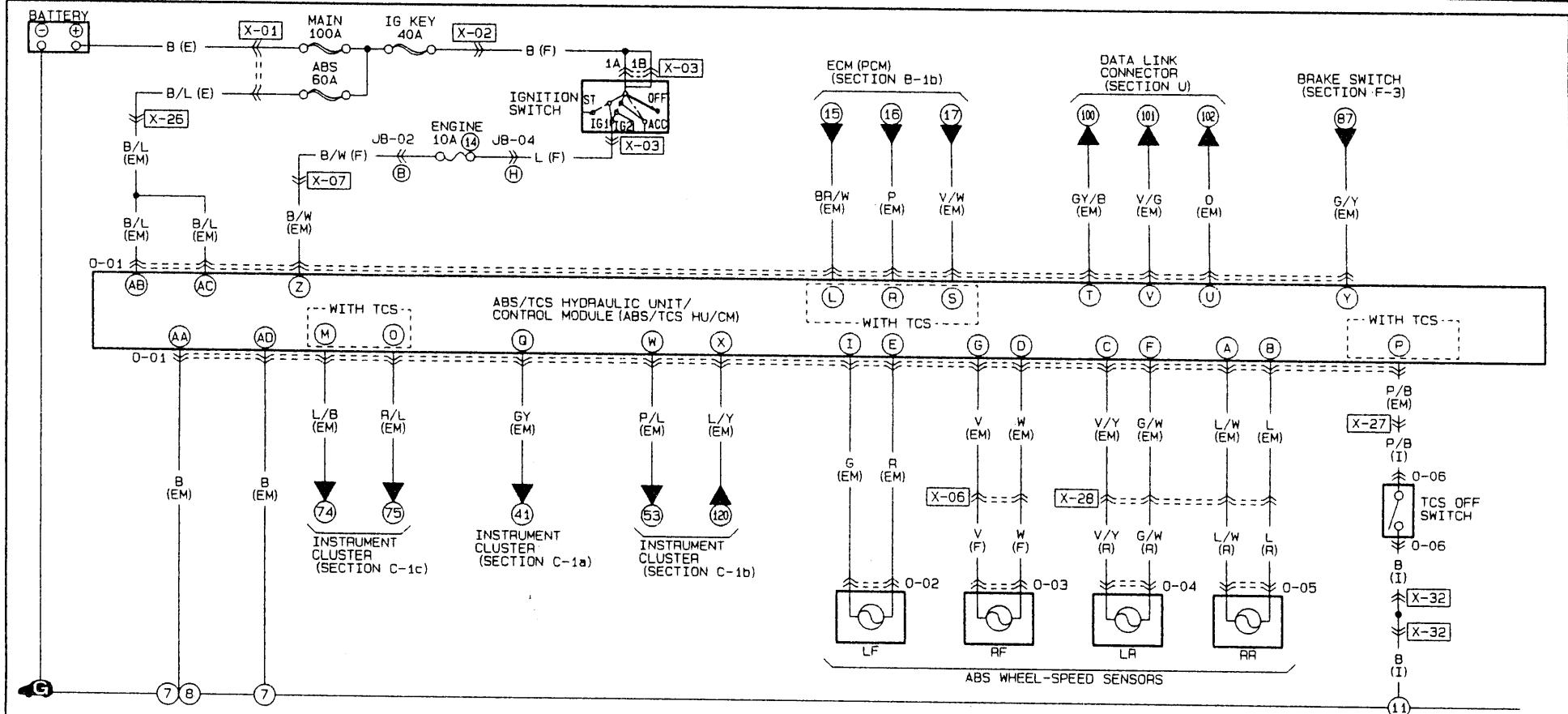


Mazda 626 Wiring Diagram (5406-10-97D)

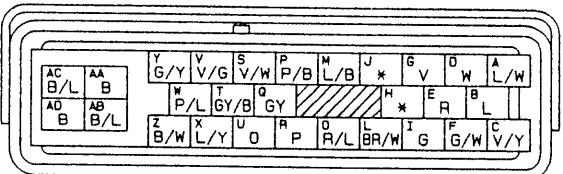
Applied VIN (assumed):
JMZ GF12P2*# 229774
JMZ GF14P2*# 229774

JMZ GF14F*# 229774
JMZ GF14P2*# 229774
JMZ GF14S*# 229774

ANTILOCK BRAKE SYSTEM/TRACTION CONT. JL SYSTEM



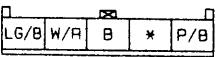
0-01 ABS/TCS HYDRAULIC UNIT/CONTROL MODULE (EM)



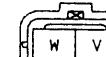
0-02 ABS WHEEL-SPEED SENSOR LF (EM)



0-06 TCS OFF SWITCH (I)



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



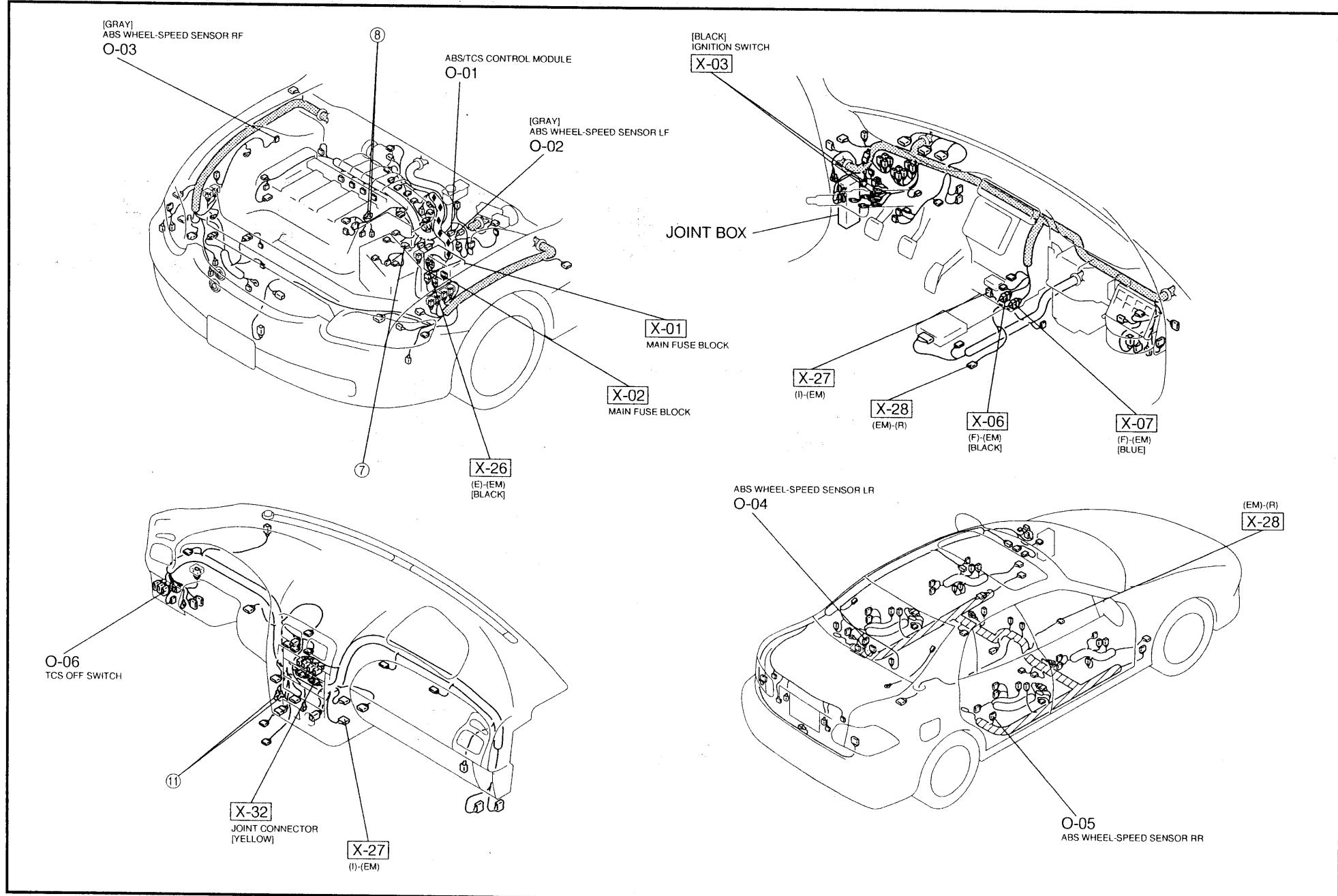
0-04 ABS WHEEL-SPEED SENSOR LR (R)



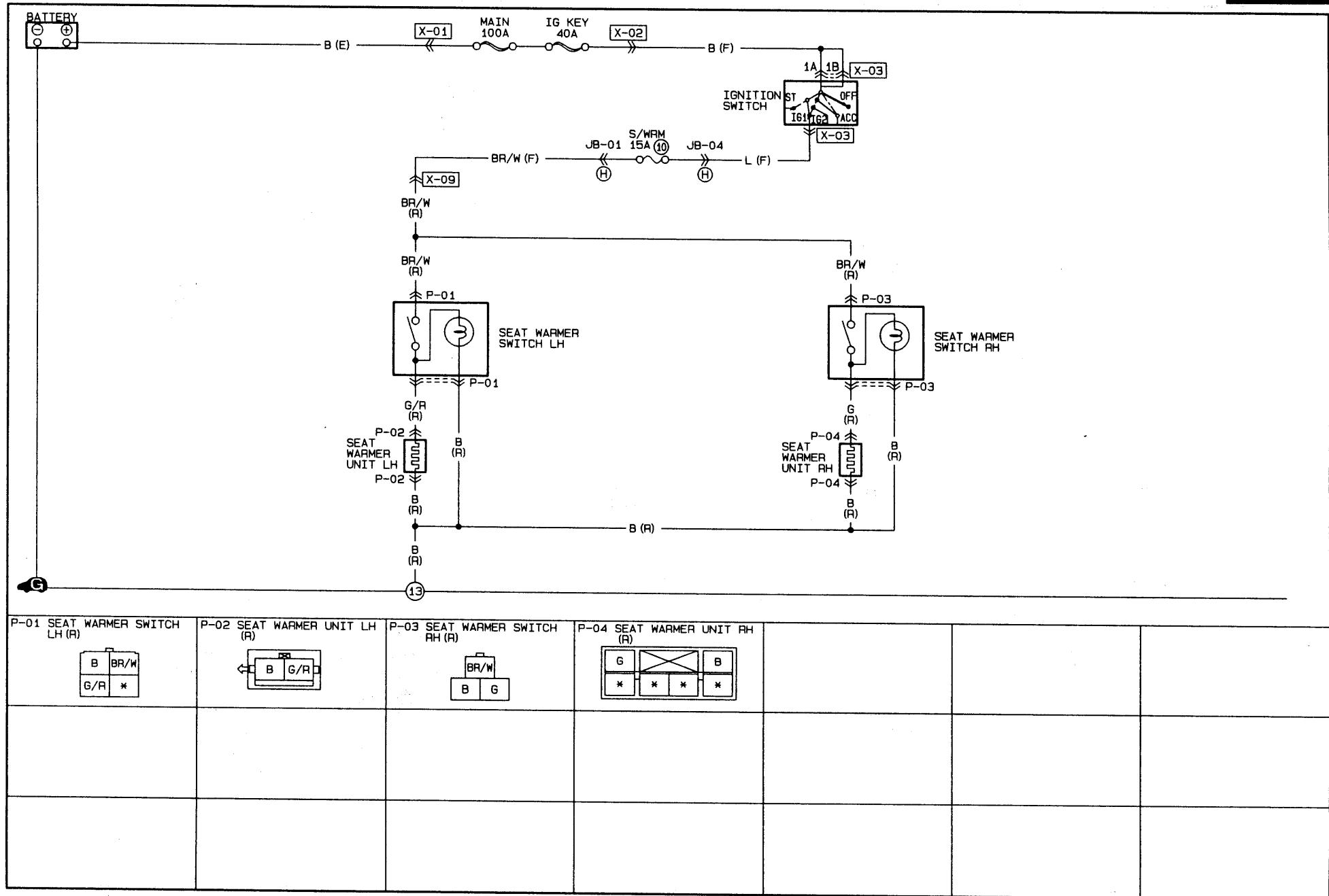
0-05 ABS WHEEL-SPEED SENSOR RR (R)



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



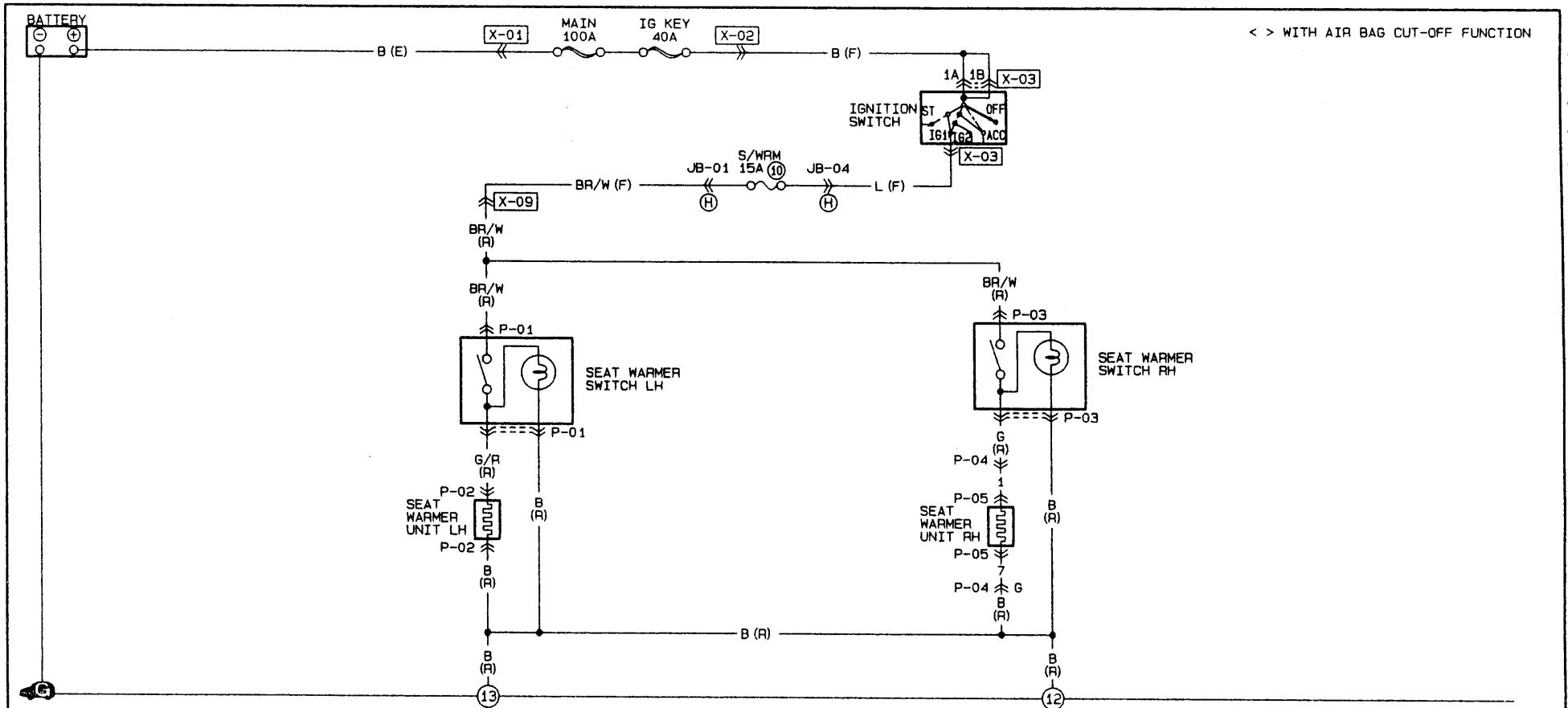
SEAT WARMERS



SI

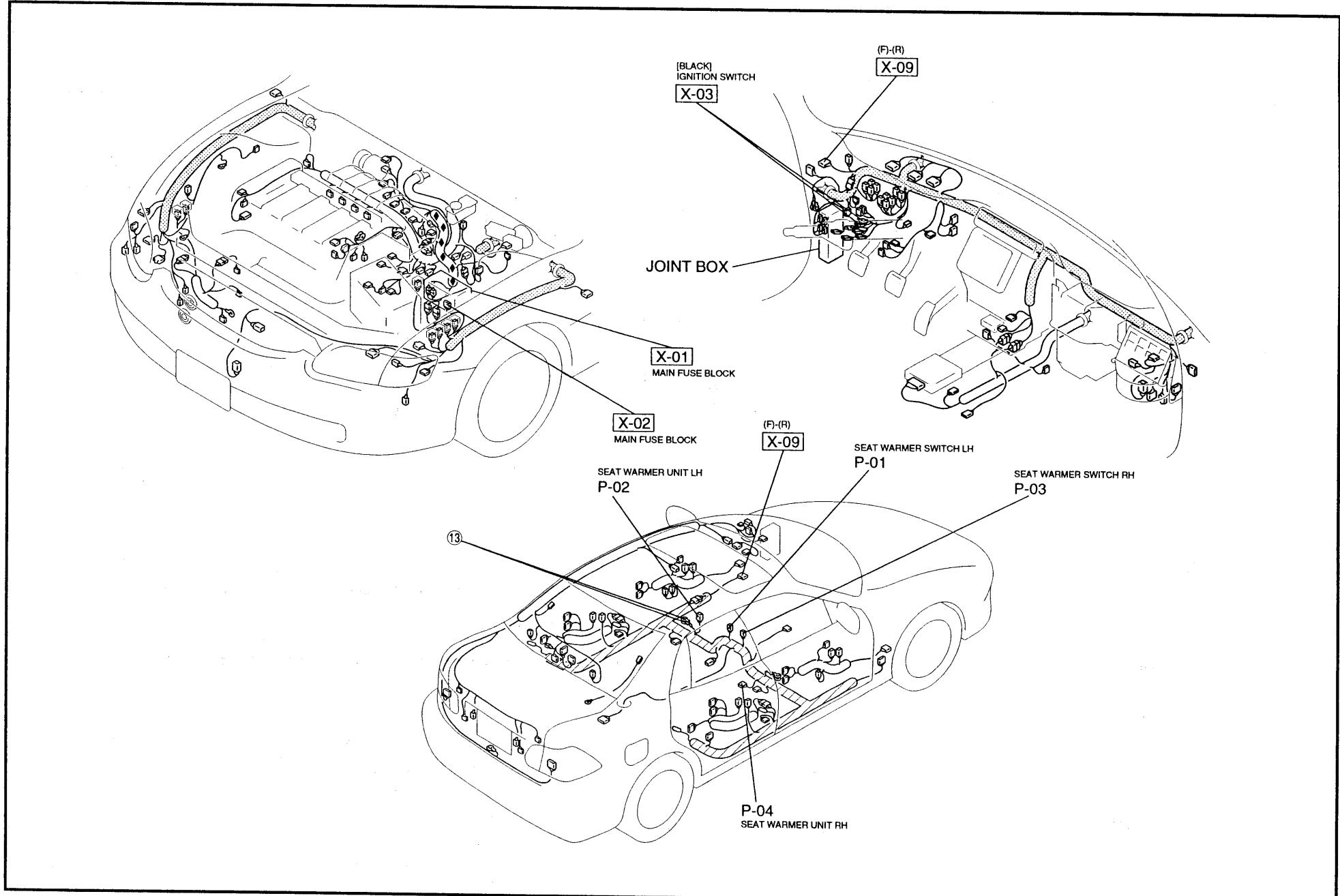
PI 2

SEAT WARMERS



P-01 SEAT WARMER SWITCH LH (R)	P-02 SEAT WARMER UNIT LH (R)	P-03 SEAT WARMER SWITCH RH (R)	P-04 REAR (R)-SHORT CORD (R)	G (SHORT CORD)	
					TERMINALS OF THIS CONNECTOR ARE INDICATED BY NUMBERS.
P-05 SEAT WARMER UNIT RH (SHORT CORD)					
	TERMINALS OF THIS CONNECTOR ARE INDICATED BY NUMBERS.				

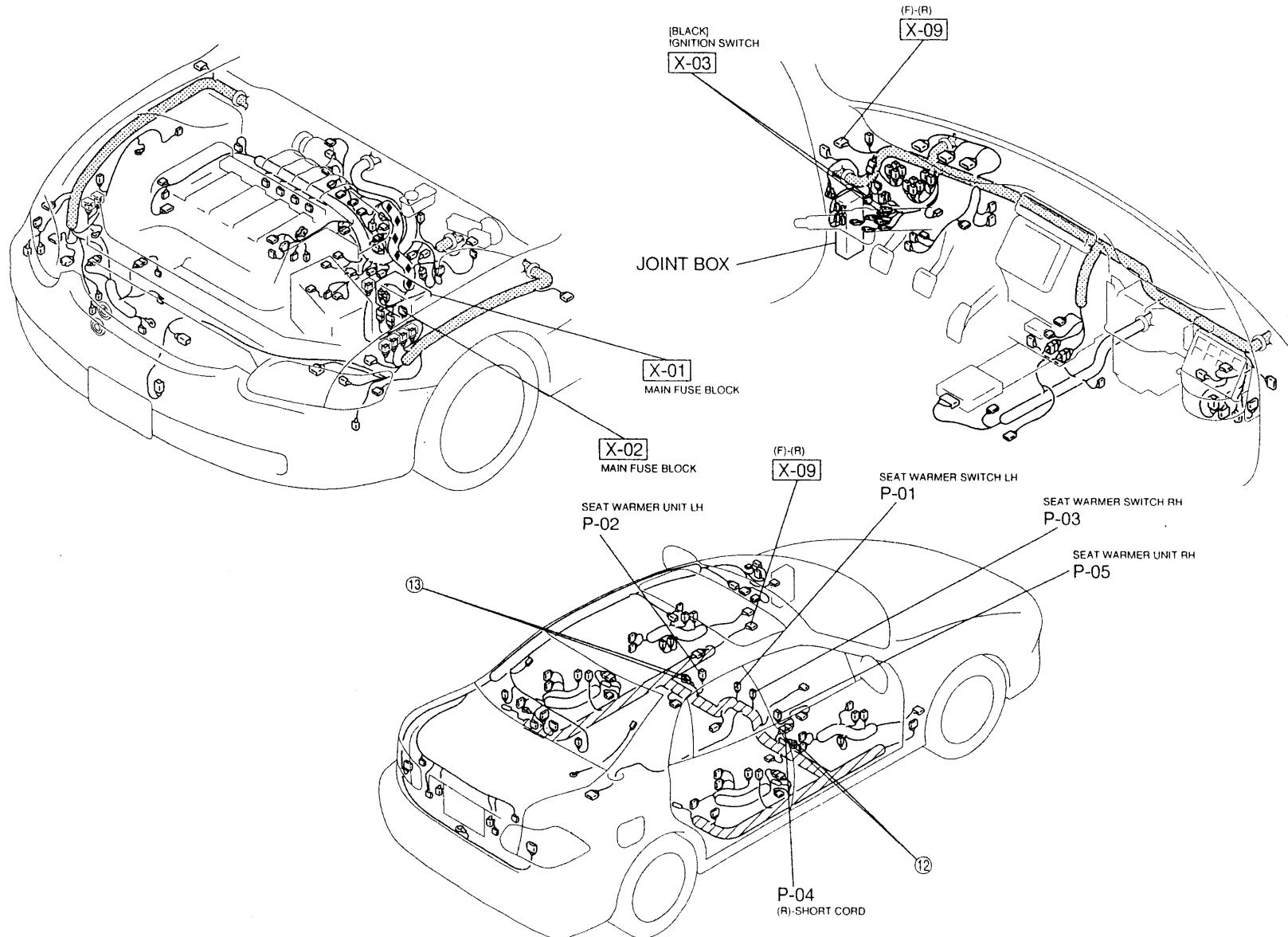
HARNESS SYMBOL :  (F)  (R)  (E)



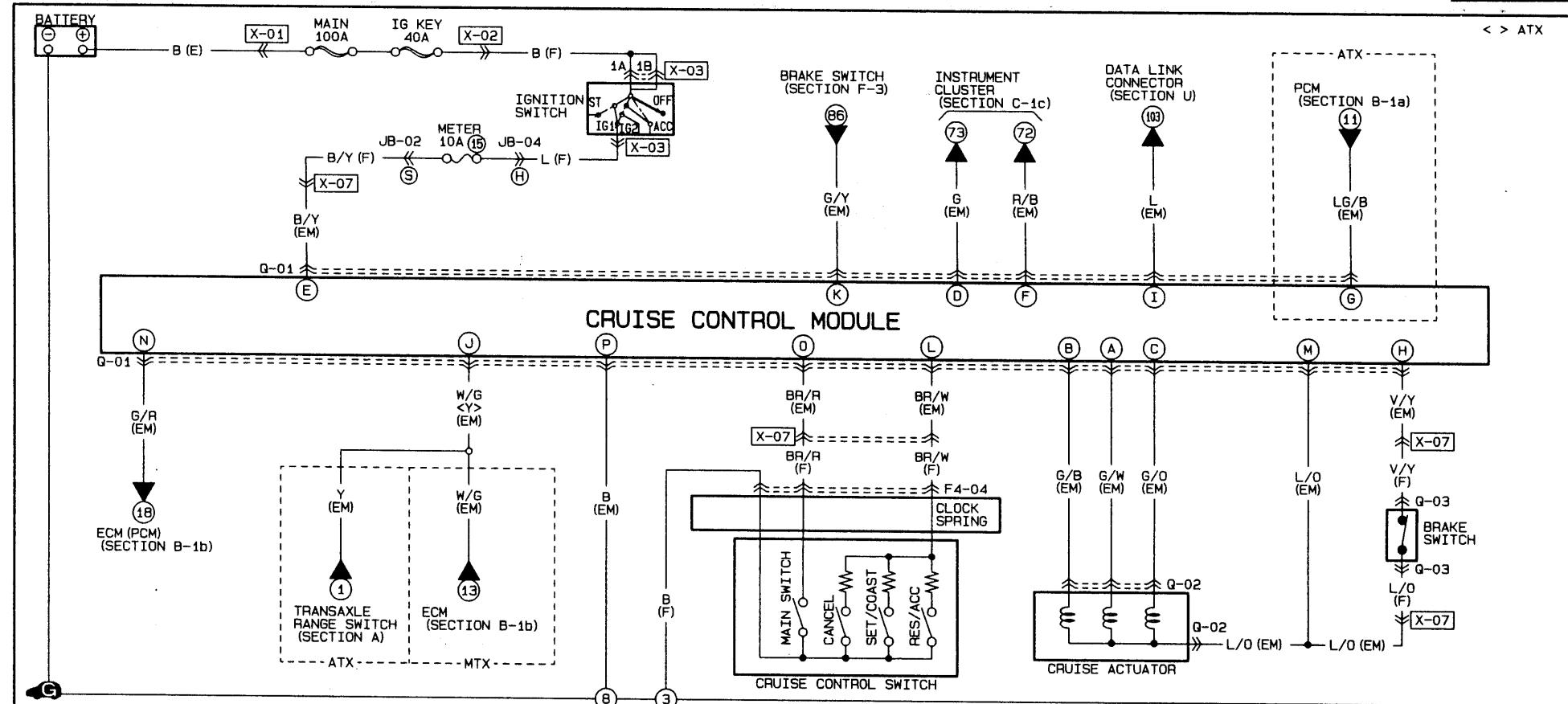
HARNESS SYMBOL : (F) (R) (E)

Mazda 626 Wiring Diagram(5406-10-97D)

Applied VIN:
JMZ GF1 * P * 01 153024-
JMZ GF1 * S * 01 152964-



CRUISE CONTROL SYSTEM

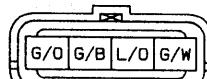


06

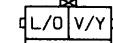
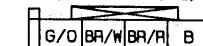
Q-01 CRUISE CONTROL MODULE (EM)

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

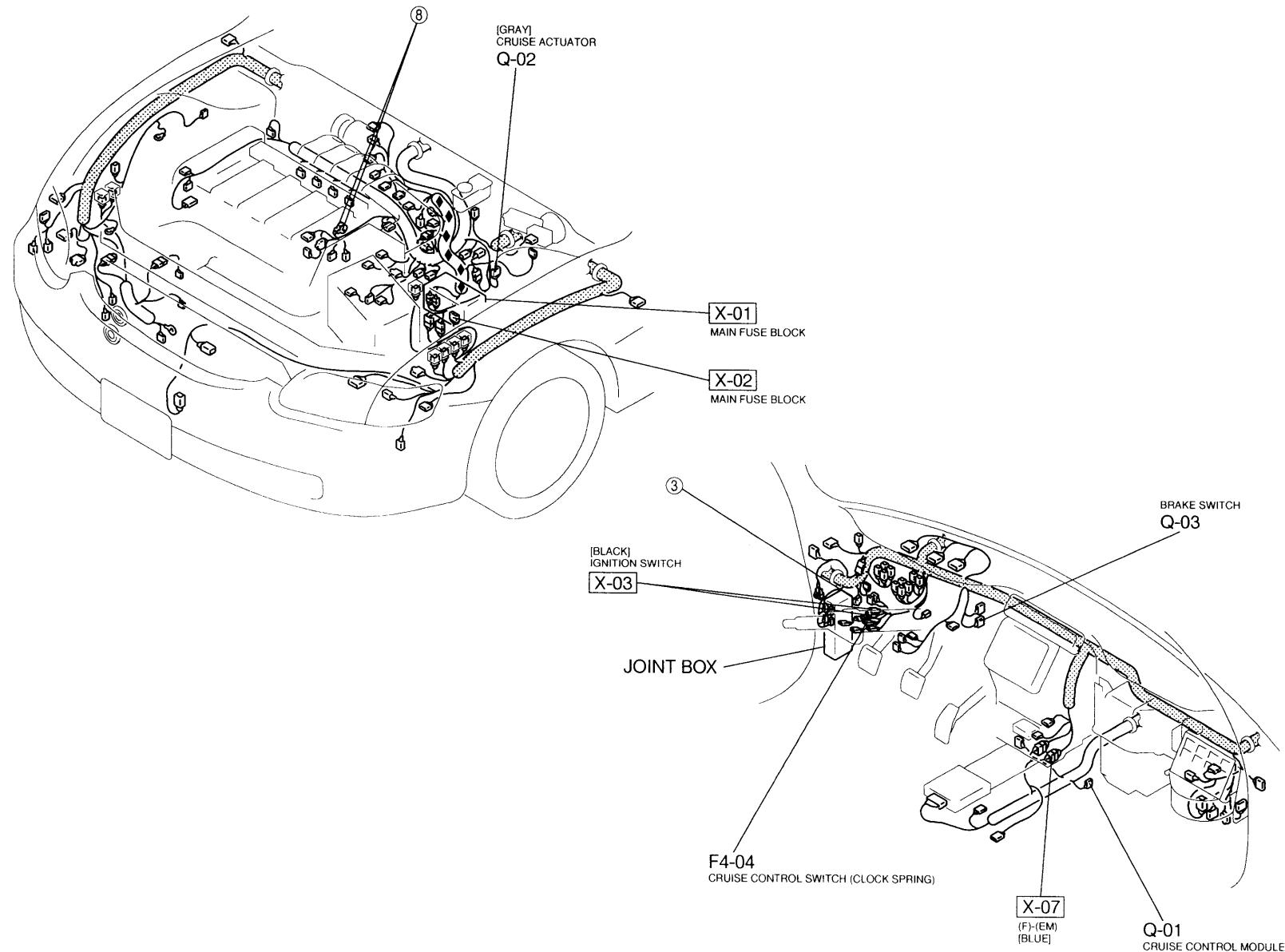
Q-02 CRUISE ACTUATOR (EM)



Q-03 BRAKE SWITCH (F)

F4-04 CRUISE CONTROL SWITCH (F)
(CLOCK SPRING)

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

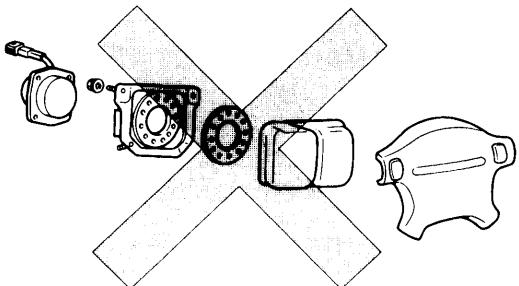


AIR BAG SYSTEM

SERVICE WARNINGS

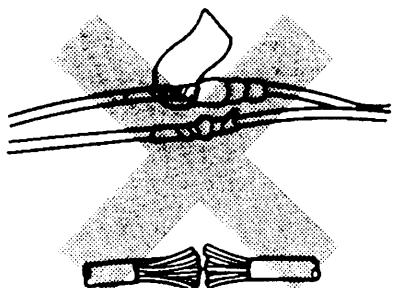
Component Disassembly

- 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.



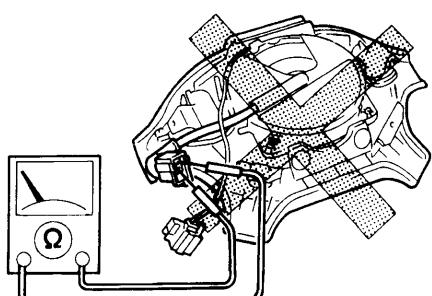
Wiring Harness Repair

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



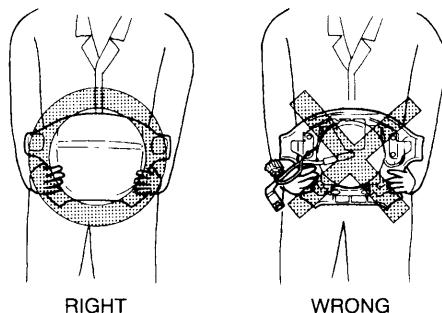
Air Bag Module Inspection

- Inspecting the air bag module by using an ohmmeter can deploy the air bag module, which can cause serious injury. Do not use an ohmmeter to inspect the air bag module.

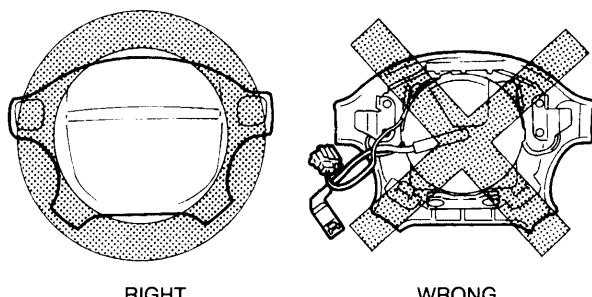


Air Bag Module Handling

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



- A live 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.



Side Air Bag Sensor Handling

- Installing a connected side air bag sensor is dangerous. Movement generated during installation can cause the crash sensor inside the side air bag sensor to send an electrical signal to the side air bag module. This will deploy the side air bag module, which may result in serious injury. Therefore, before connecting the side air bag sensor, firmly mount the side air bag sensor to the vehicle.
- Disconnecting the side air bag sensor connector or removing the side air bag sensor with the ignition switch at ON can cause the side air bag module to deploy, which may seriously injure you. Before disconnecting the side air bag sensor connector or removing the side air bag sensor, 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 side air bag sensors to deplete its stored power.

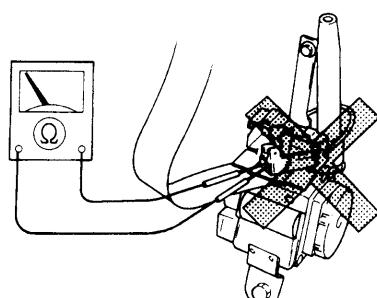
- For this vehicle with single point sensor, once an air bag is deployed due to an accident or other causes, the side air bag sensor must be replaced with a new one even if the used one does not have any external signs of damage. The used side air bag sensor may have been damaged internally which may cause it not to operate properly, resulting in major injuries or even death. The used single point side air bag sensor cannot be bench checked or selfchecked.

SAS Unit Handling

- Installing a connected SAS unit is dangerous. Movement generated during installation can cause the crash sensor inside the unit to send an electrical signal to the air bag modules and pre-tensioner seat belts. This will deploy the air bag modules and pre-tensioner seat belts, which may result in serious injury. Therefore, before connecting the SAS unit, firmly mount the unit to the vehicle.
- Disconnecting the SAS unit connector or removing the SAS unit with the ignition switch at ON can cause the air bag modules and pre-tensioner seat belts to deploy, which may seriously injure you. Before disconnecting the SAS unit connector or removing the SAS unit, 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 unit to deplete its stored power.
- For this vehicle with single point sensor, once an air bag is deployed due to an accident or other causes, the SAS unit must be replaced with a new one even if the used one does not have any external signs of damage. The used SAS unit may have been damaged internally which may cause it not to operate properly, resulting in major injuries or even death. The used single point SAS unit cannot be bench checked or selfchecked.

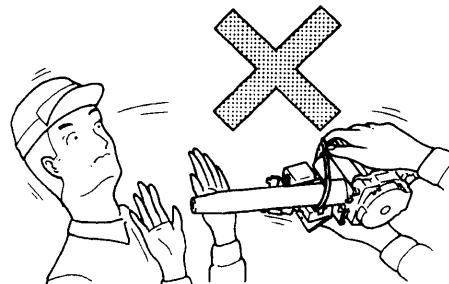
Pre-tensioner Seat Belt Inspection

- Inspecting the pre-tensioner seat belt by using an ohmmeter can deploy the pre-tensioner seat belt, which can cause serious injury. Do not use an ohmmeter to inspect the pre-tensioner seat belt.



Pre-tensioner Seat Belt Handling

- A live (undeployed) pre-tensioner seat belt may accidentally deploy when it is handled and cause serious injury. When carrying a live pre-tensioner seat belt, point the top of the cylinder downward to lessen the chance of injury in case it deploys.



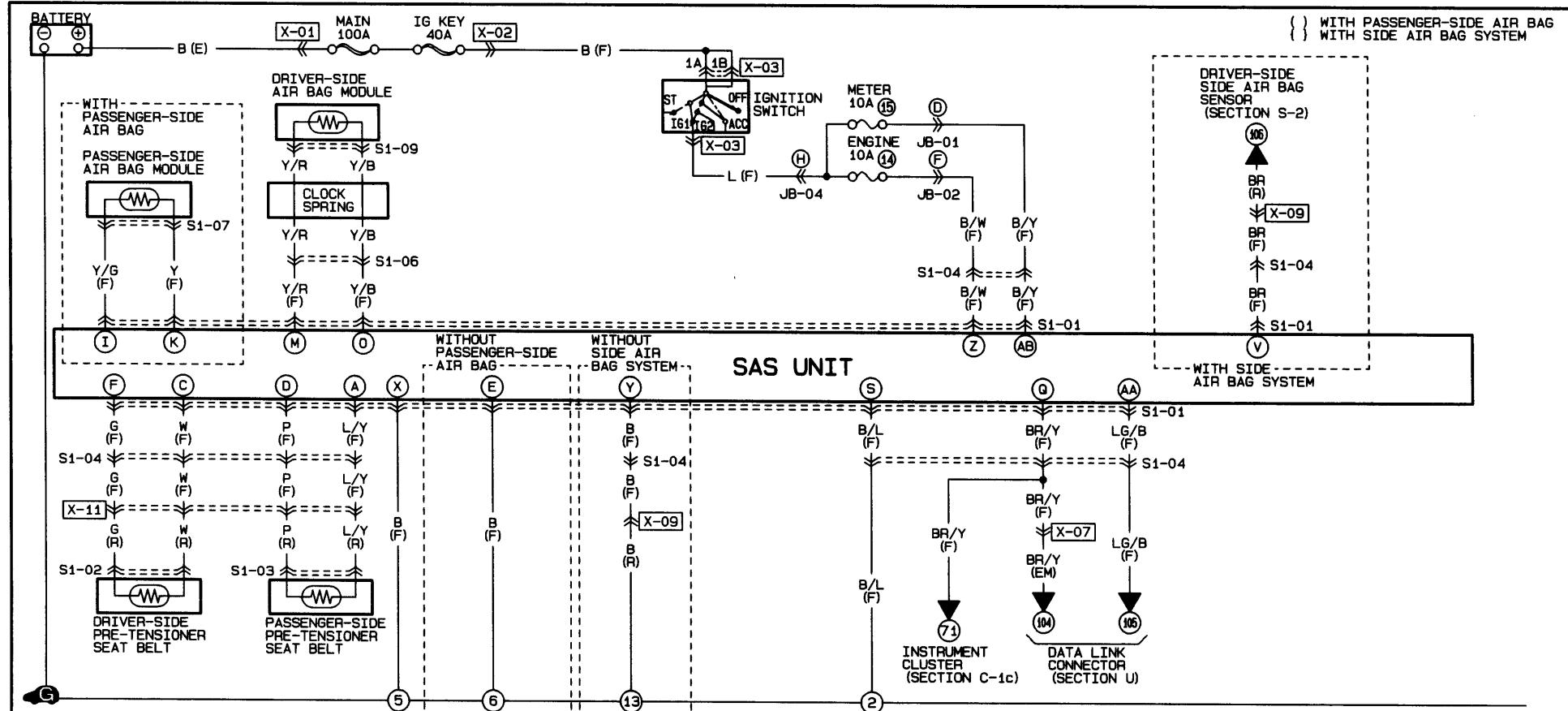
DRIVER-SIDE AIR BAG MODULE REMOVAL/INSTALLATION

Warning

- Handling the air bag module improperly can accidentally deploy the air bag module, which may seriously injure you. Read SERVICE WARNINGS before handling the air bag module. (Refer to SERVICE WARNINGS.)

- Turn the ignition switch to LOCK.
- Disconnect the negative battery cable and wait for more than 1 minute to allow the backup power supply of the SAS unit to deplete its stored power.
- Remove in the order indicated in the table.
- Install in the reverse order of removal.
- Turn the ignition switch to ON.
- Verify that the air bag system warning light illuminates for approximately 6 seconds then goes off.
- If the air bag system warning light remains on, off, or repeats flashing after servicing, there are malfunctions in the system. Carry out the inspection again. (Refer to ON-BOARD DIAGNOSTIC FUNCTION, AIR BAG SYSTEM.)

AIR BAG SYSTEM



S1-01 SAS UNIT (F)	W	U	S	Q	O	M	K	I	G	E	C	A
AA	Y											
LG/B (*X)	*	*	B/L	BR/Y	Y/B	Y/R	*	(Y) (Y/G)	*	B (*)	W	L/Y
B/Y	B/W	B	*(BR)							G	P	*
AB	Z	X	V							F	D	B

S1-06 FRONT (F) -CLOCK SPRING
(F)

(CLOCK SPRING)


I	G	E	C	A
*	*	B	W	L/Y
(Y/G)	(*)			
		G	P	*
		F	D	B

S1-07 PASSENGER-SIDE AIR BAG MODULE (F)		S1-09 DRIVER-SIDE AIR BAG MODULE (CLOCK SPRING)	
--	---	---	--

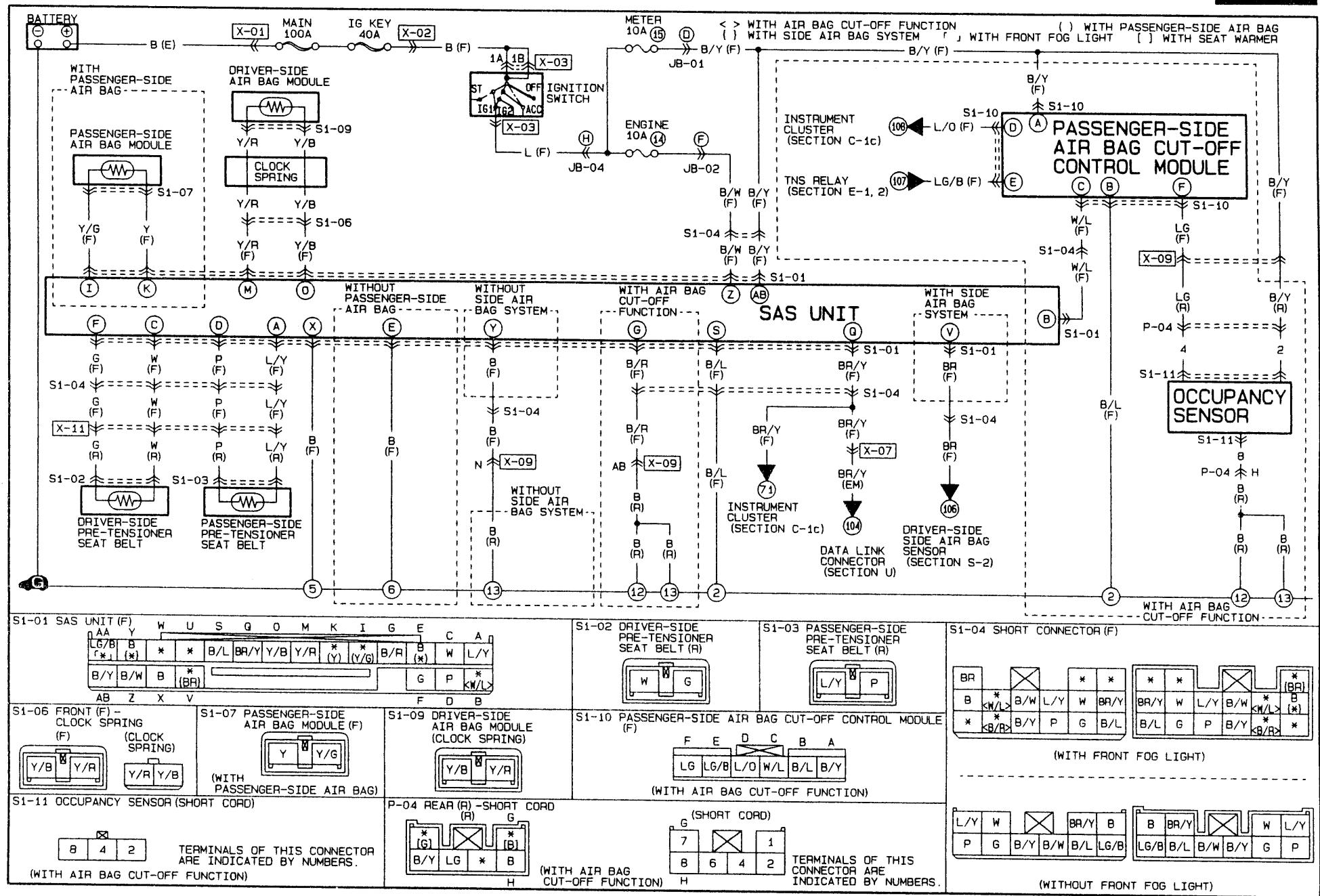
S1-04	SHORT CONNECTOR (F)
BR	W/L B/W L/Y W BR/

(WITH SIDE ATB BAG SYSTEM)

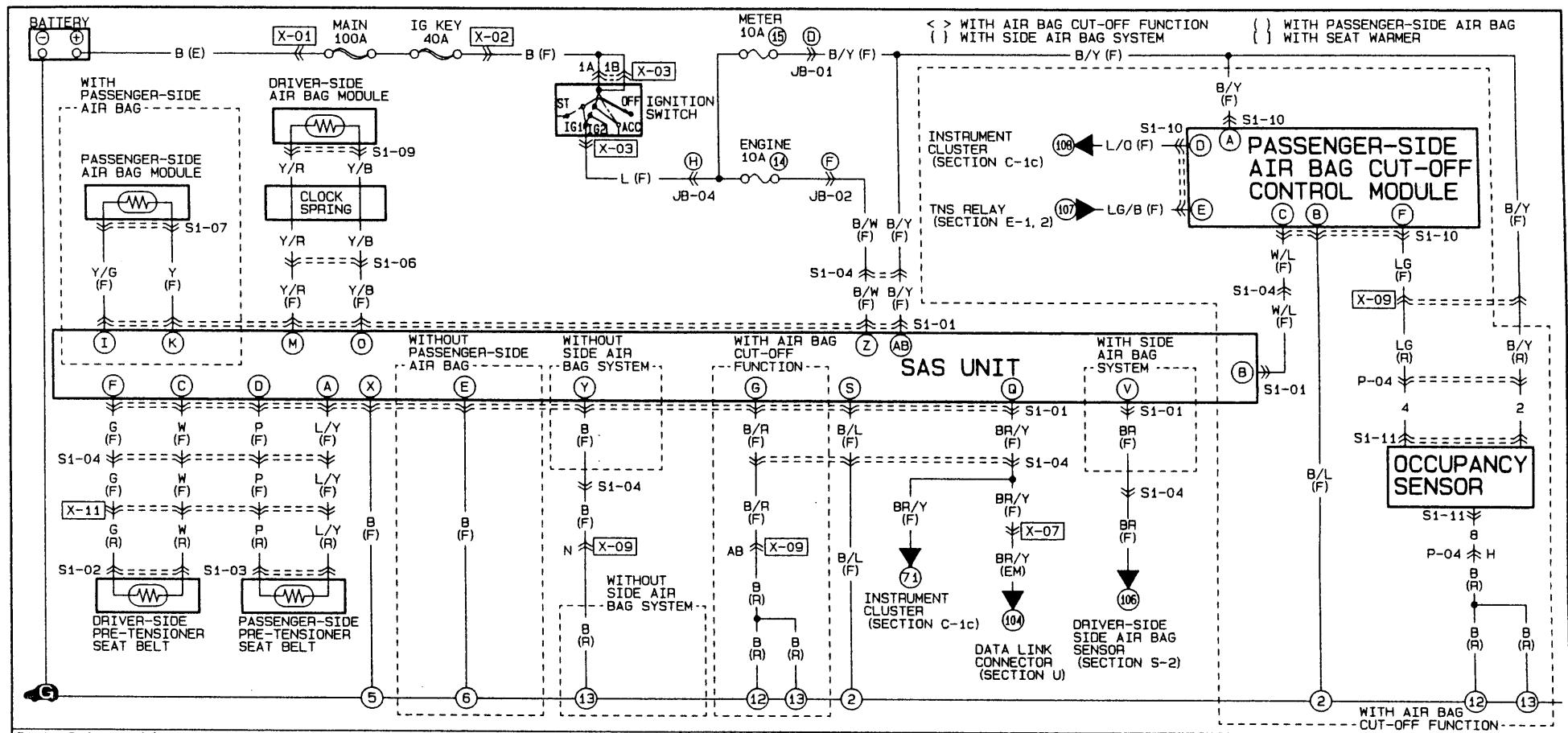
L/Y	W		BR/Y	B		B	BR/Y		W	L/Y
P	G	B/Y	B/W	B/L	LG/B	LG/B	B/L	B/W	B/Y	G P

(WITHOUT SIDE AIR BAG SYSTEM)

AIR BAG SYSTEM



AIR BAG SYSTEM

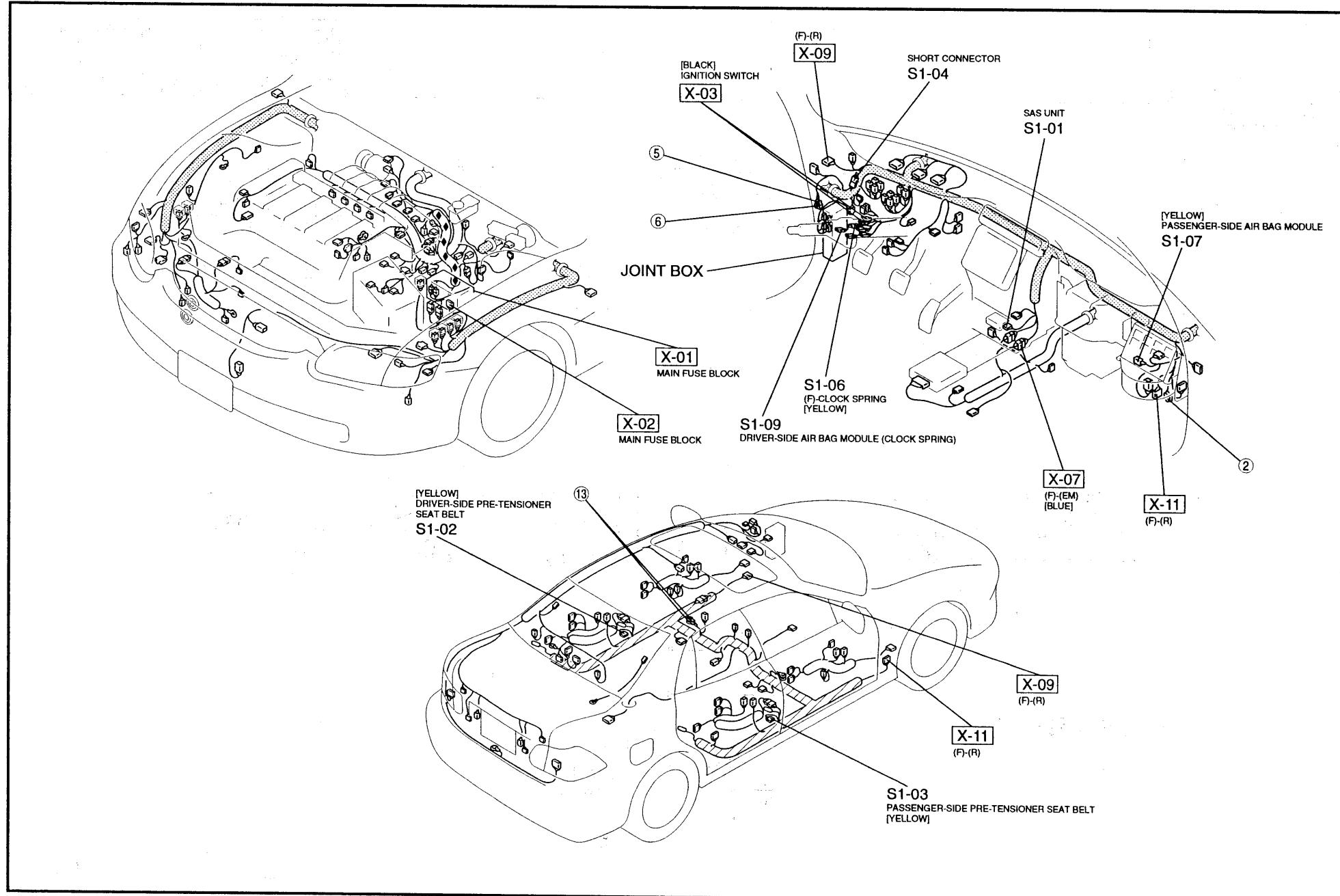


Mazda 626 Wiring Diagram (5406-10-97D)

S1-01 SAS UNIT (F)	S1-02 DRIVER-SIDE PRE-TENSIONER SEAT BELT (R)	S1-03 PASSENGER-SIDE PRE-TENSIONER SEAT BELT (R)	S1-04 SHORT CONNECTOR (F)																																																																																																																																																																																																																																																															
<table border="1"> <tr><td>A</td><td>A</td><td>Y</td><td>W</td><td>U</td><td>S</td><td>Q</td><td>O</td><td>M</td><td>K</td><td>I</td><td>G</td><td>E</td><td>C</td><td>A</td></tr> <tr><td>*</td><td>*</td><td>*</td><td>*</td><td>B/L</td><td>BR/Y</td><td>Y/B</td><td>Y/R</td><td>*</td><td>*</td><td>*</td><td>B</td><td>W</td><td>L/Y</td><td></td></tr> <tr><td>B/Y</td><td>B/W</td><td>B</td><td>*</td><td></td><td></td><td></td><td></td><td>(Y)</td><td>(Y/G)</td><td>(B/R)</td><td>(X)</td><td></td><td></td><td></td></tr> <tr><td>AB</td><td>Z</td><td>X</td><td>V</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>G</td><td>P</td><td>K/W/L</td><td></td></tr> </table>	A	A	Y	W	U	S	Q	O	M	K	I	G	E	C	A	*	*	*	*	B/L	BR/Y	Y/B	Y/R	*	*	*	B	W	L/Y		B/Y	B/W	B	*					(Y)	(Y/G)	(B/R)	(X)				AB	Z	X	V								G	P	K/W/L		<table border="1"> <tr><td>BR</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>B</td><td>*</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td><W/L></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td>B/W</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>	BR															B	*															<W/L>															B/W																													<table border="1"> <tr><td>*</td><td>*</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>BR/Y</td><td>W</td><td>L/Y</td><td>W</td><td>BR/Y</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>B/L</td><td>G</td><td>P</td><td>B/Y</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>	*	*														BR/Y	W	L/Y	W	BR/Y											B/L	G	P	B/Y																											<table border="1"> <tr><td>*</td><td>*</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>BR/Y</td><td>W</td><td>L/Y</td><td>W</td><td>BR/Y</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>B/L</td><td>G</td><td>P</td><td>B/Y</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>	*	*														BR/Y	W	L/Y	W	BR/Y											B/L	G	P	B/Y																										
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S1-06 FRONT (F) - CLOCK SPRING (F) (CLOCK SPRING)	S1-07 PASSENGER-SIDE AIR BAG MODULE (F) (WITH PASSENGER-SIDE AIR BAG)	S1-09 DRIVER-SIDE AIR BAG MODULE (CLOCK SPRING)	S1-10 PASSENGER-SIDE AIR BAG CUT-OFF CONTROL MODULE (F)																																																																																																																																																																																																																																																															
<table border="1"> <tr><td>Y/B</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td>Y/R</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>	Y/B																Y/R														<table border="1"> <tr><td>Y</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td>Y/G</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>	Y																Y/G														<table border="1"> <tr><td>Y/B</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td>Y/R</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>	Y/B																Y/R														<table border="1"> <tr><td>F</td><td>E</td><td>O</td><td>C</td><td>B</td><td>A</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>LG</td><td>LG/B</td><td>L/O</td><td>W/L</td><td>B/L</td><td>B/Y</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>	F	E	O	C	B	A										LG	LG/B	L/O	W/L	B/L	B/Y																																																																																																																																																
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S1-11 OCCUPANCY SENSOR (SHORT CORD)	P-04 REAR (R) - SHORT CORD (R)	(SHORT CORD)																																																																																																																																																																																																																																																																
(WITH AIR BAG CUT-OFF FUNCTION)	H	(WITH AIR BAG CUT-OFF FUNCTION)	H																																																																																																																																																																																																																																																															
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JMZGF14F**# 229774-
JMZGF14P2**# 229774-
JMZGF14S**# 229774-

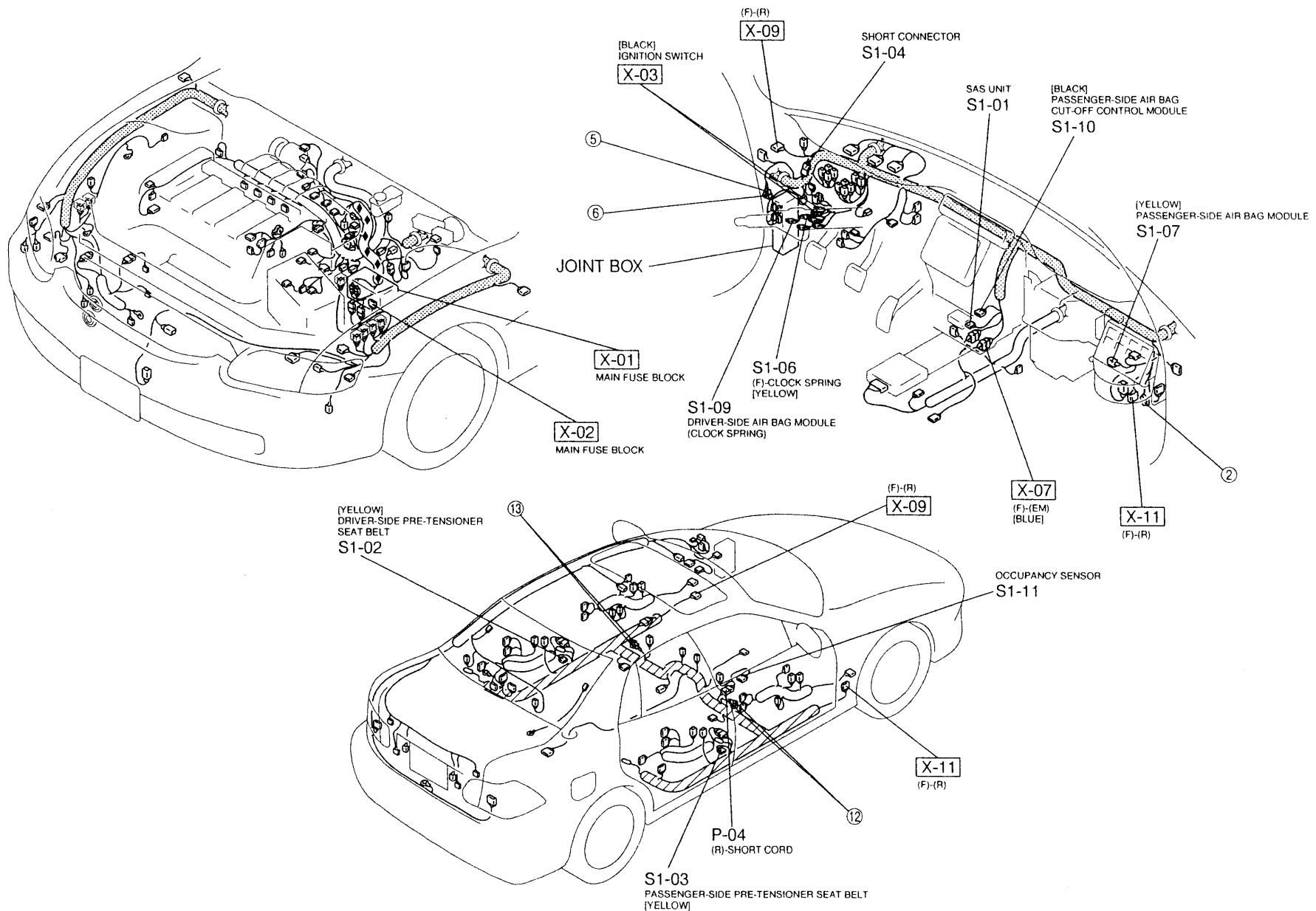
HARNESS SYMBOL :  (F)  (R)  (E)



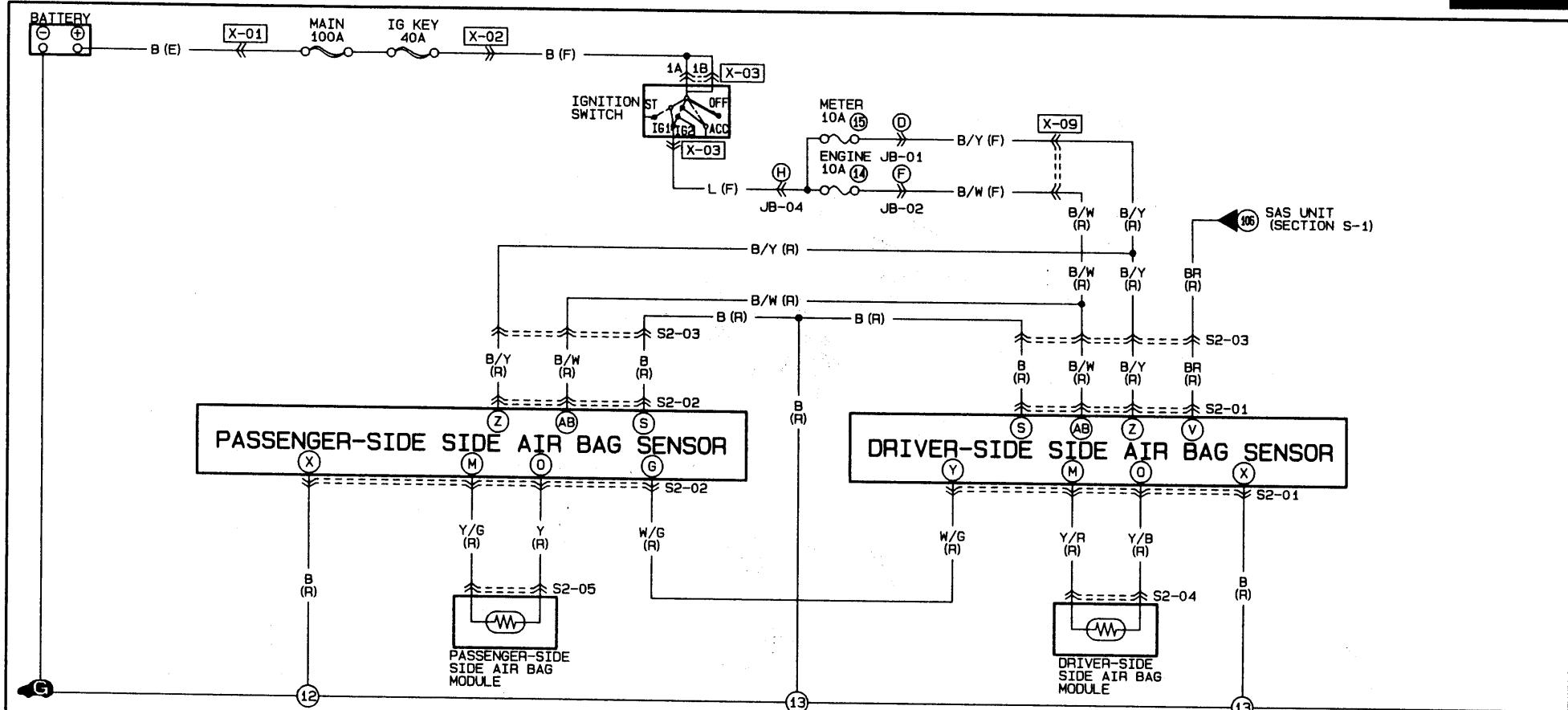
Mazda 626 Wiring Diagram(5406-10-97D)

Applied VIN:
JMWZ GF1 * P * 01 153024-
JMWZ GF1 * S * 01 152964-

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



SIDE AIR BAG SYSTEM



96

S2-01 DRIVER-SIDE SIDE AIR BAG SENSOR (R)

AA	Y	W	U	S	Q	O	M	K	I	G	E	C	A
*	W/G	*	*	B	*	Y/B	Y/R	*	*	*	*	*	*
	B/W	B/Y	B	BR									

AB Z X V F D B

S2-02 PASSENGER-SIDE SIDE AIR BAG SENSOR (R)

AA	Y	W	U	S	Q	O	M	K	I	G	E	C	A
*	*	*	*	B	*	Y	Y/G	*	*	W/G	*	*	*
	B/W	B/Y	B	*									

AB Z X V F D B

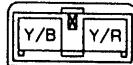
S2-03 SHORT CONNECTOR (R)

B/Y	B/W	X	B
B/Y	B/W	*	BR

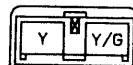
I	G		A
J	H		B

B	X	B/W	B/Y
B	BR	*	B/W

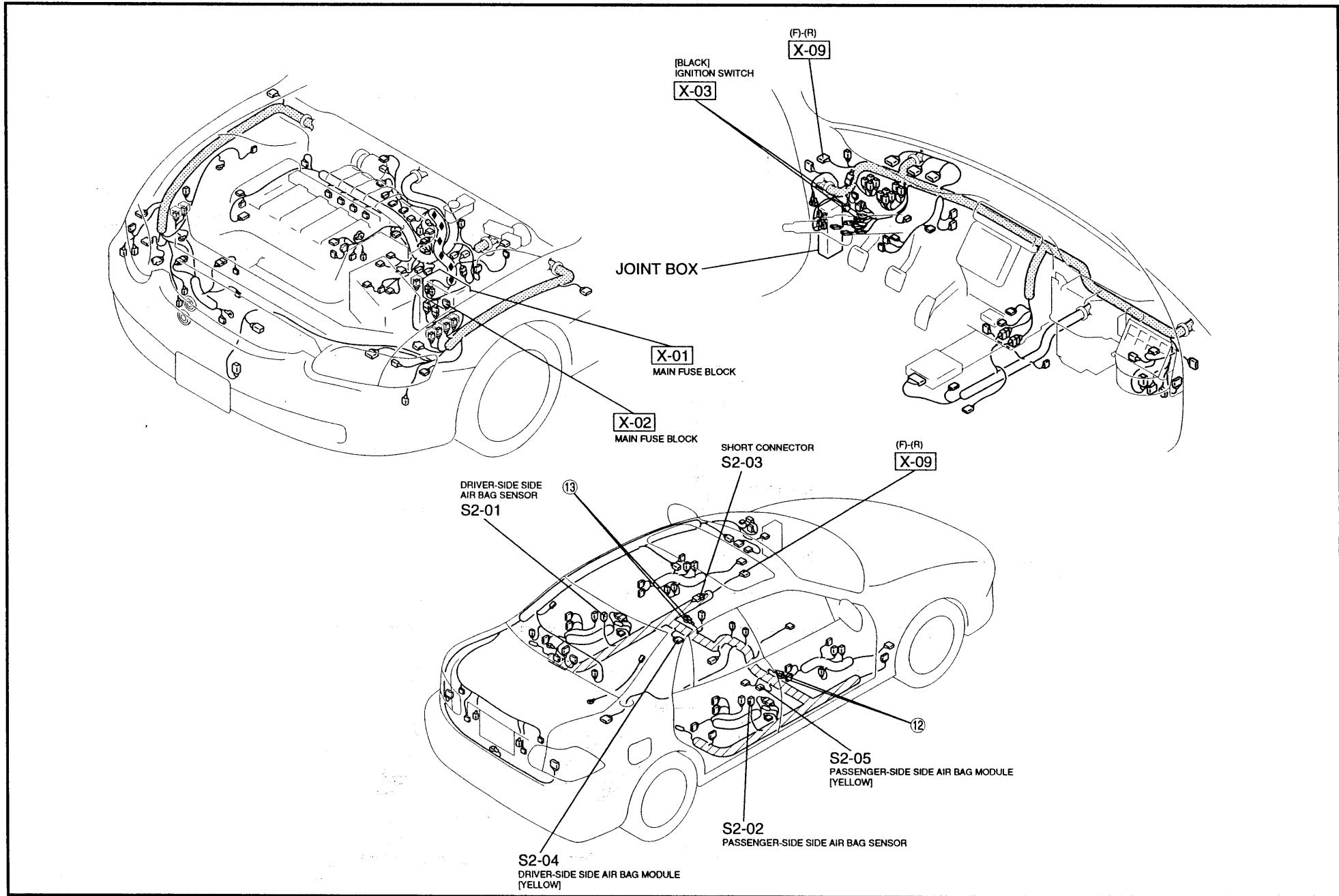
S2-04 DRIVER-SIDE SIDE AIR BAG MODULE (R)



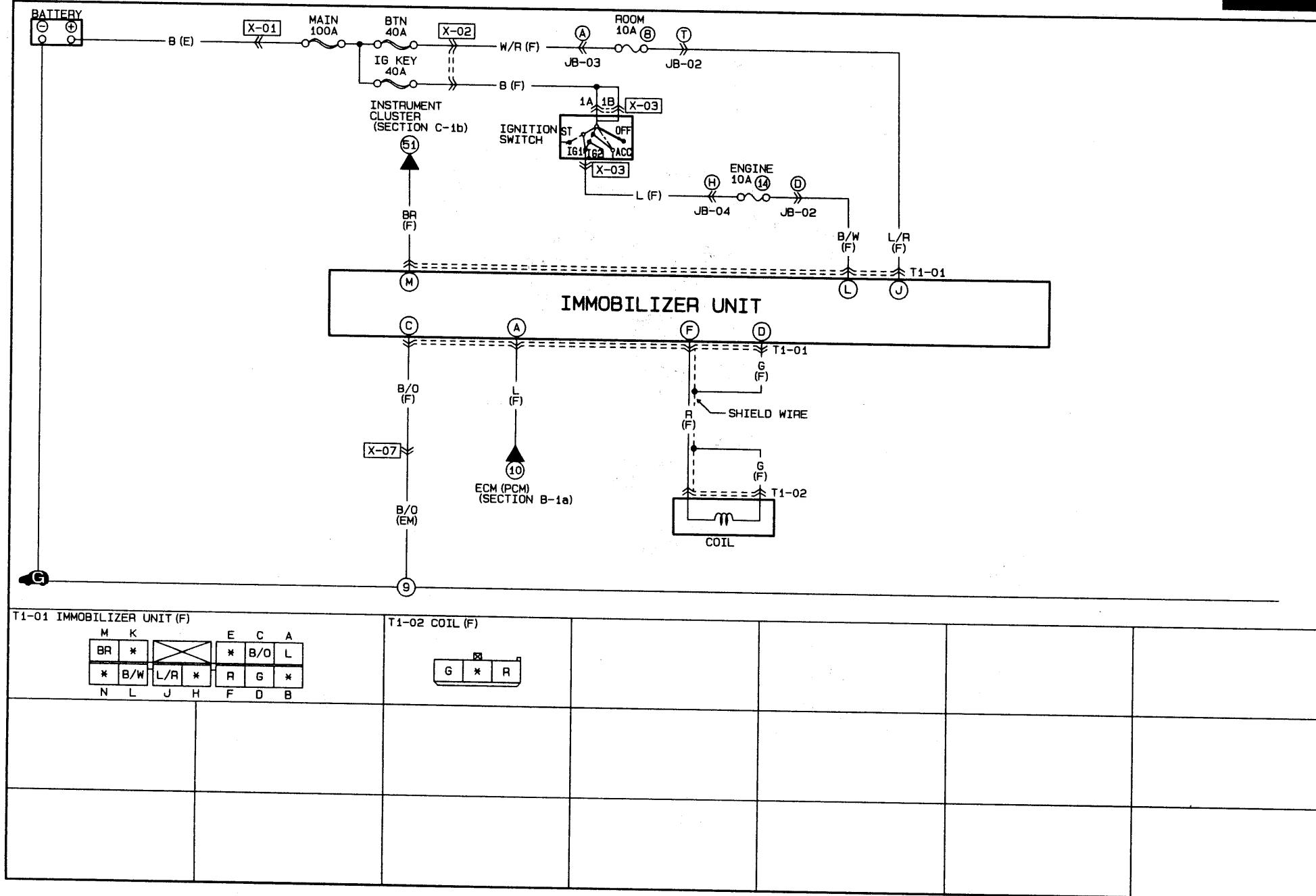
S2-05 PASSENGER-SIDE SIDE AIR BAG MODULE (R)



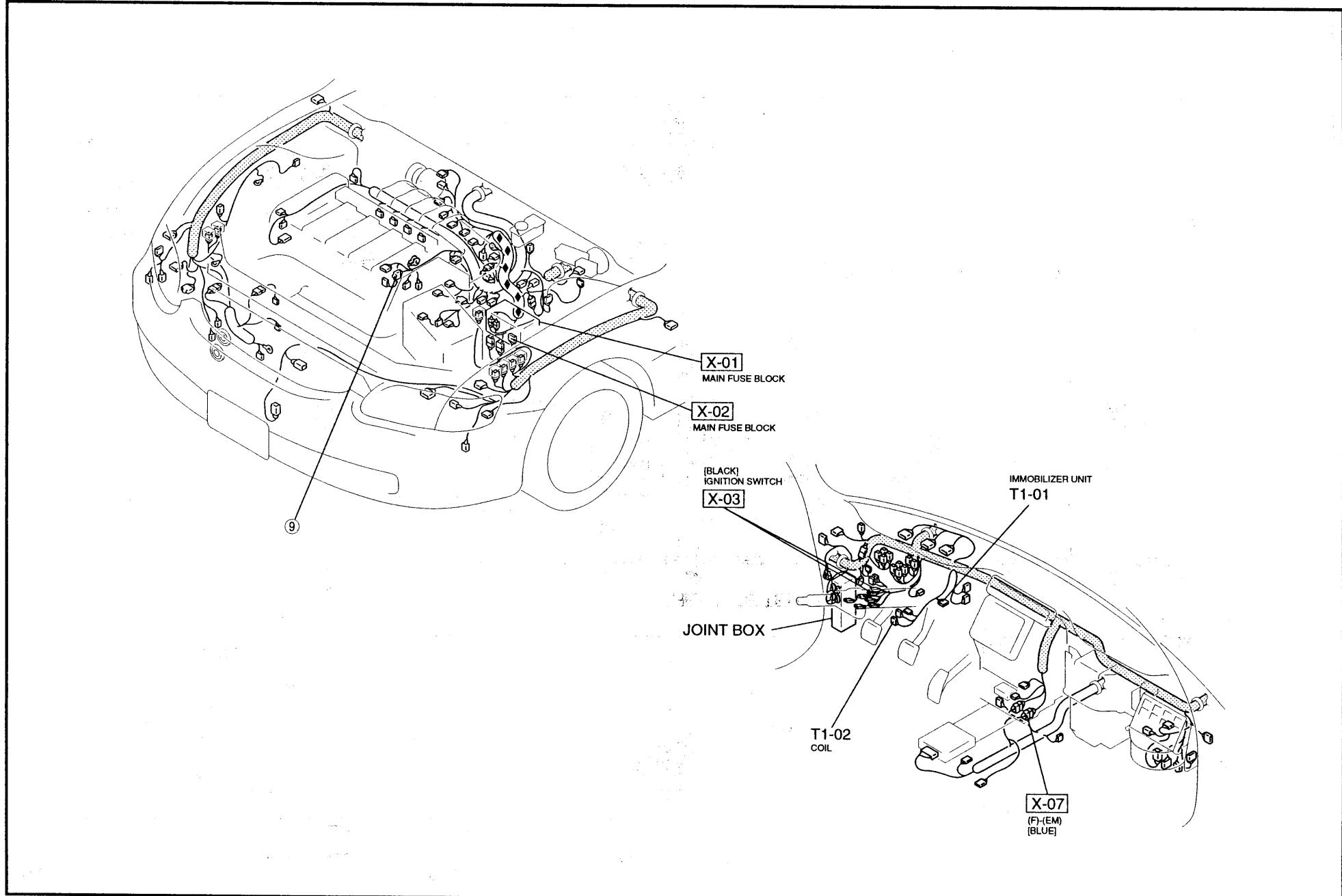
HARNESS SYMBOL :  (F)  (R)  (E)



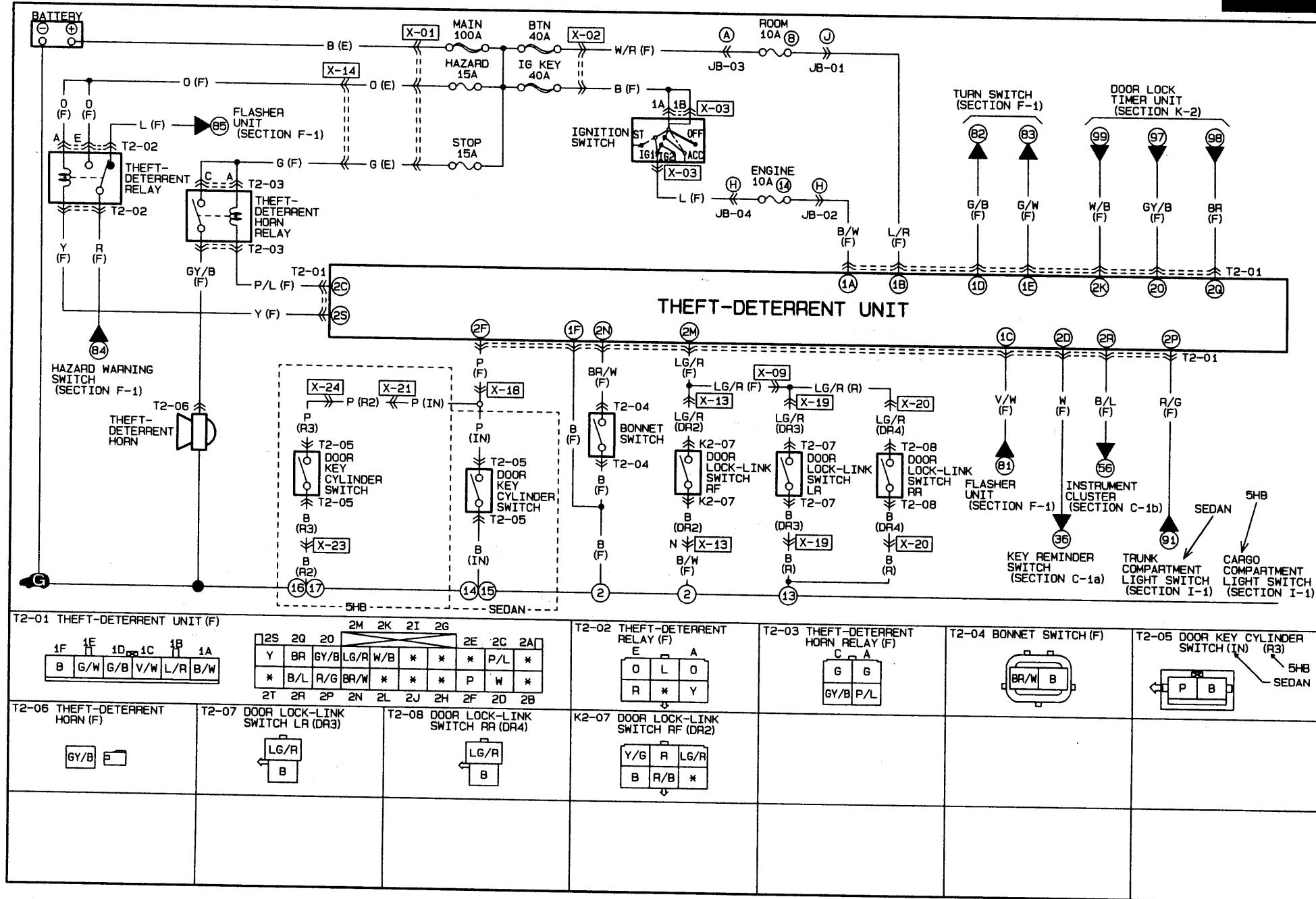
IMMobilizer SYSTEM



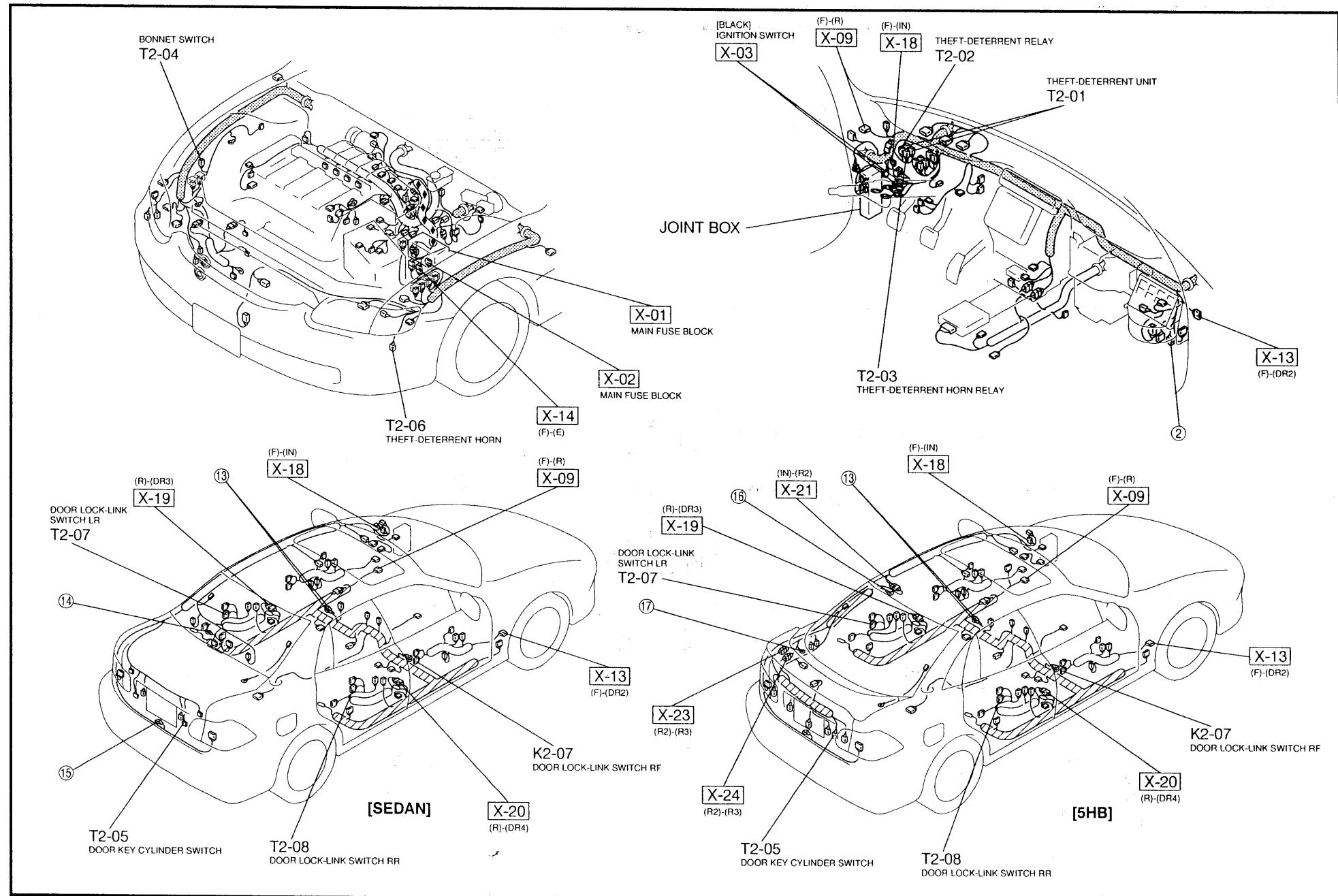
HARNESS SYMBOL :  (F)  (R)  (E)



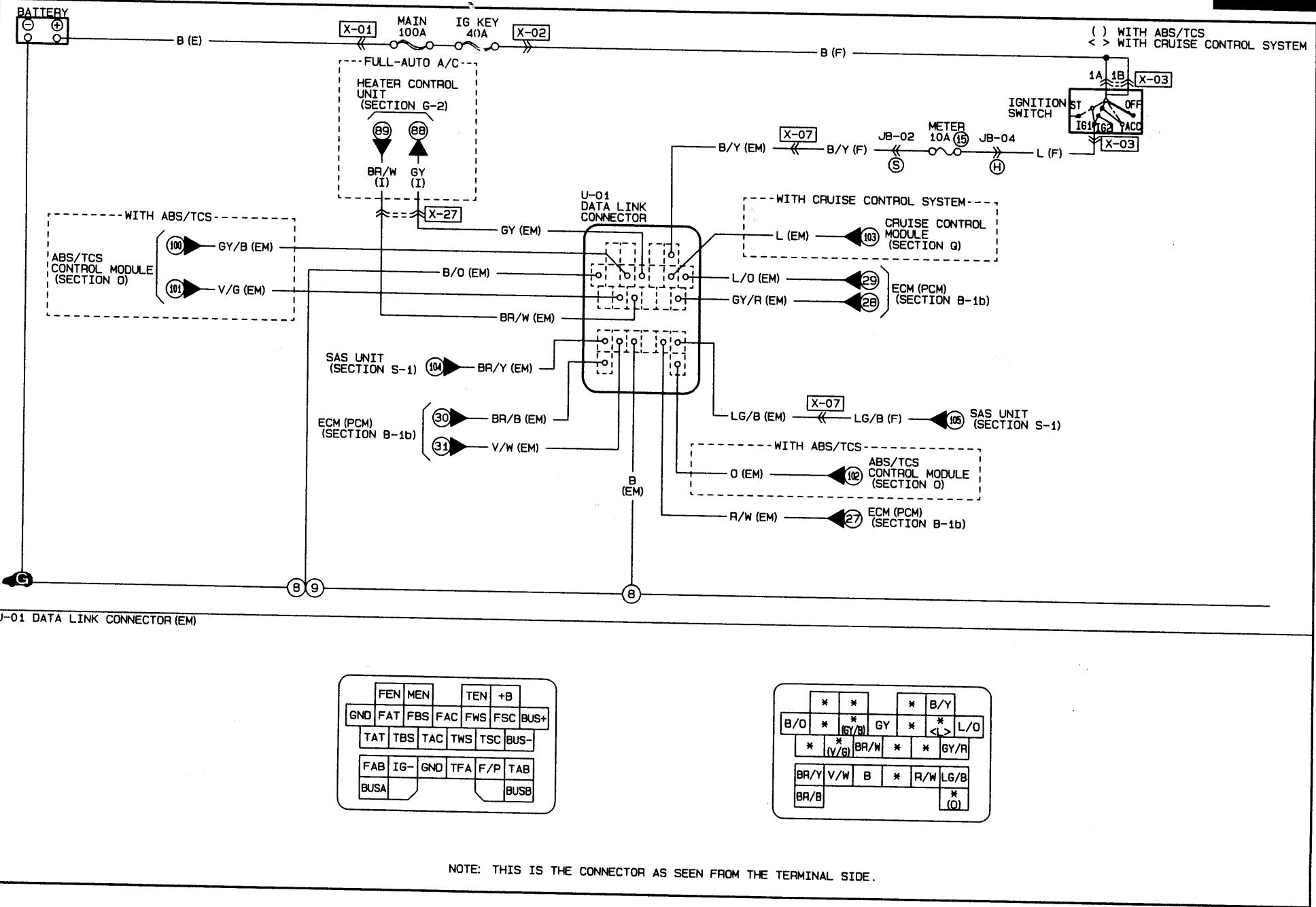
THEFT-DETERRENT SYSTEM



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



DATA LINK CONNECTOR



SI

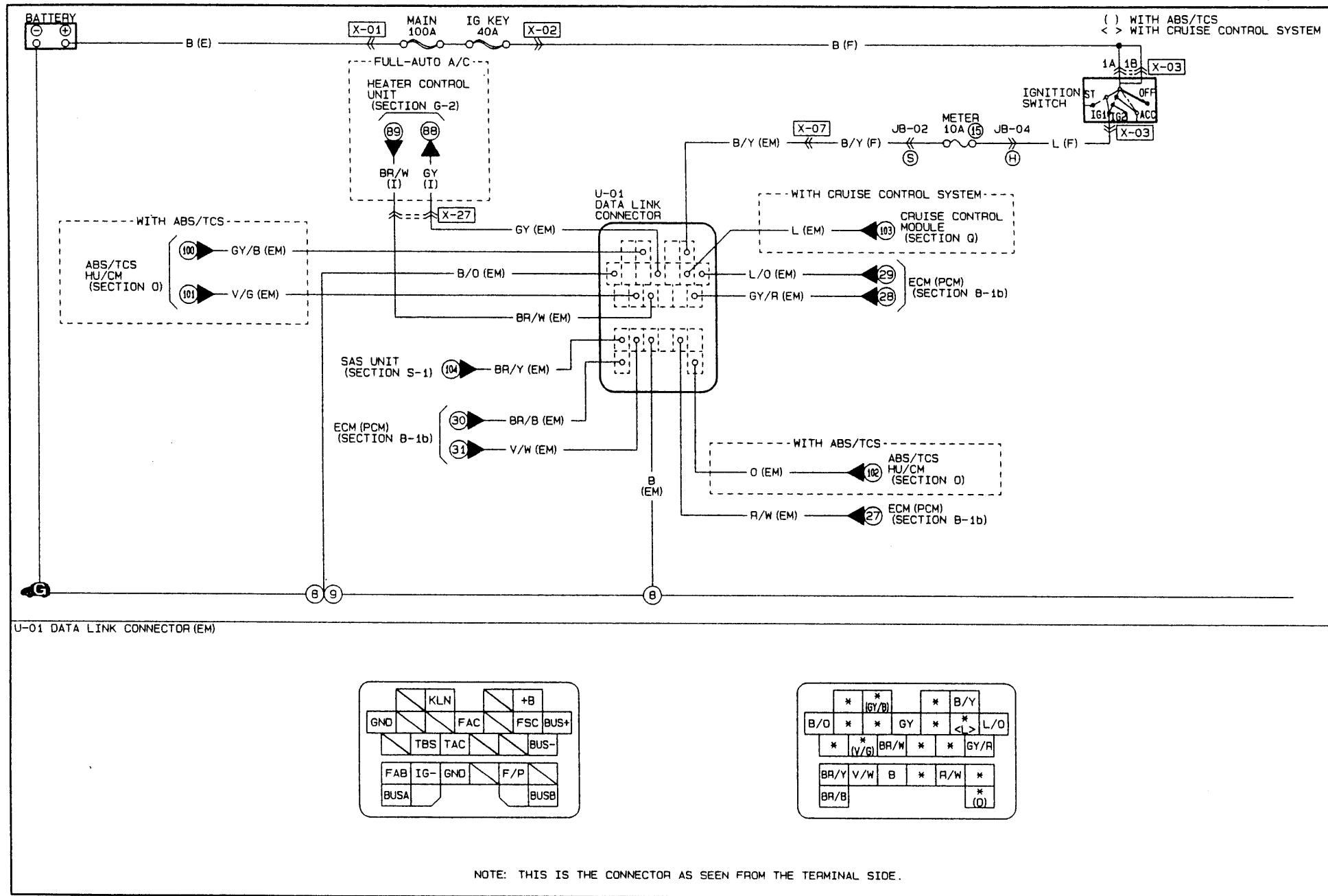
PI

Mazda 626 Wiring Diagram (5406-10-97D)

Applied VIN (assumed) :
 JMZ GF-12F**** 229774
 JMZ GF-12P2*# 229774

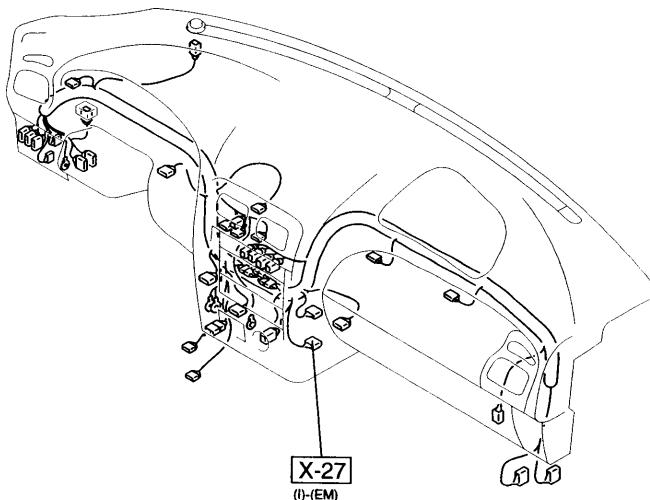
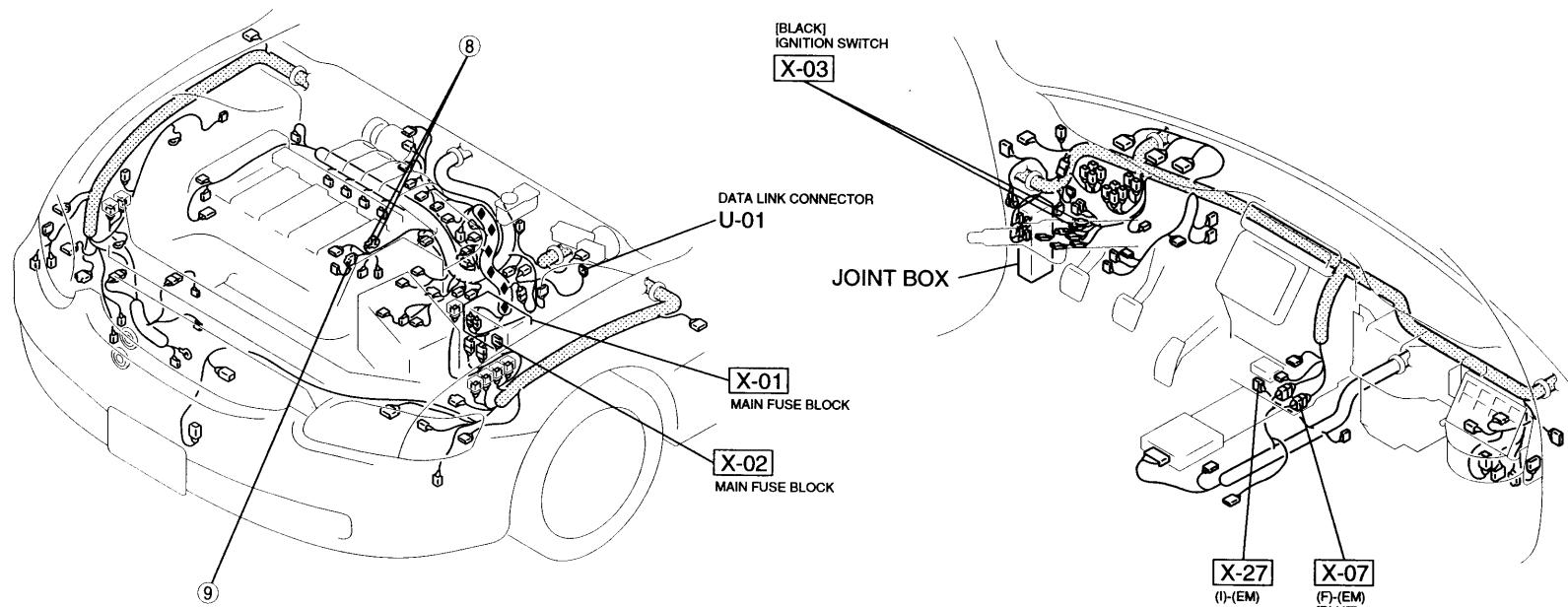


DATA LINK CONNECTOR



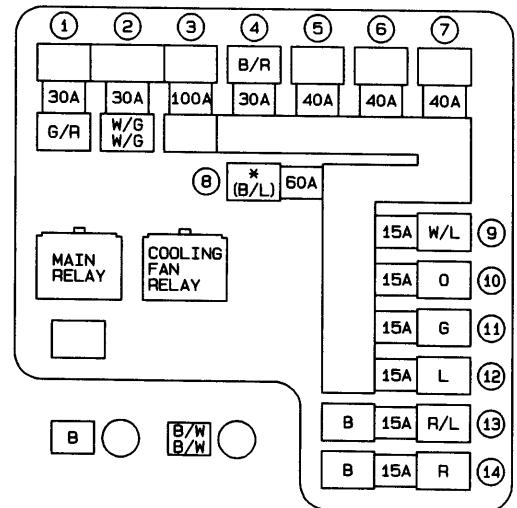
JMZ GF-14F**** 229774
 JMZ GF-14P2*# 229774
 JMZ GF-14S*# 229774

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



COMMON CONNECTOR LIST

X-01 MAIN FUSE BLOCK (E)

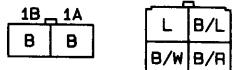


- () WITH ABS/TCS
- AD FAN
 - INJ
 - MAIN
 - COOLING FAN
 - HEATER
 - IG KEY
 - BTN
 - ABS
 - TAIL
 - HAZARD
 - STOP
 - FOG
 - HEAD LOW
 - HEAD HI

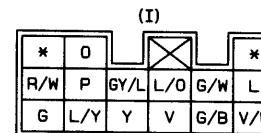
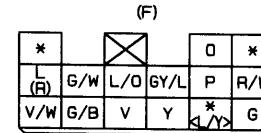
X-02 MAIN FUSE BLOCK (F)



X-03 IGNITION SWITCH (F)

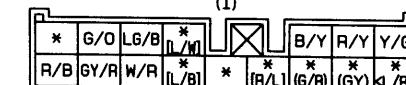
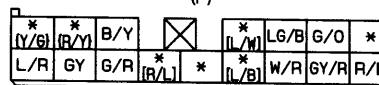


X-04 FRONT (F) - INSTRUMENT PANEL (I)



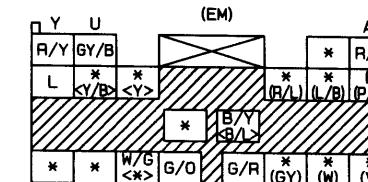
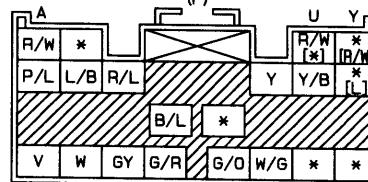
< > WITH FOG LIGHTS
() WITH THEFT-DETERRENT SYSTEM

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



[] 5HB () WITH AMBIENT TEMPERATURE MODE
< > WITH HEADLIGHT CLEANER SYSTEM

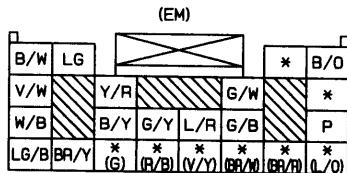
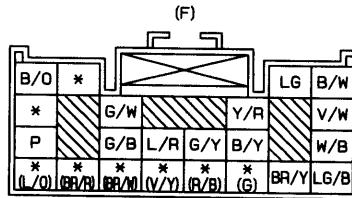
X-06 FRONT (F) - EMISSION (EM)



< > ATX
() WITH ABS/TCS

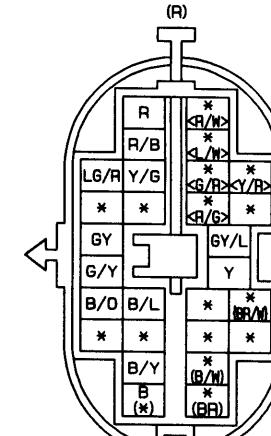
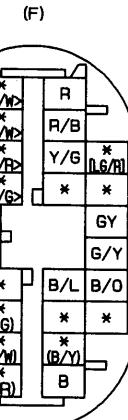
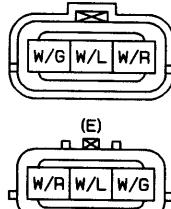
[] WITH IMMOBILIZER SYSTEM

X-07 FRONT (F) - EMISSION (EM)



() WITH CRUISE CONTROL SYSTEM

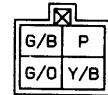
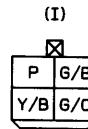
X-08 EMISSION (EM) - ENGINE (E)



[] WITH THEFT-DETERRENT SYSTEM () WITH SIDE AIR BAG SYSTEM
() WITH SEAT WARMERS < > WITH REAR POWER WINDOW SYSTEM

X-10 INSTRUMENT PANEL (I) - REAR (R) ← 5HB

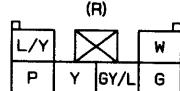
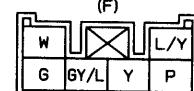
X-10 INSTRUMENT PANEL (I) - INTERIOR (IN) ← SEDAN



(5HB)

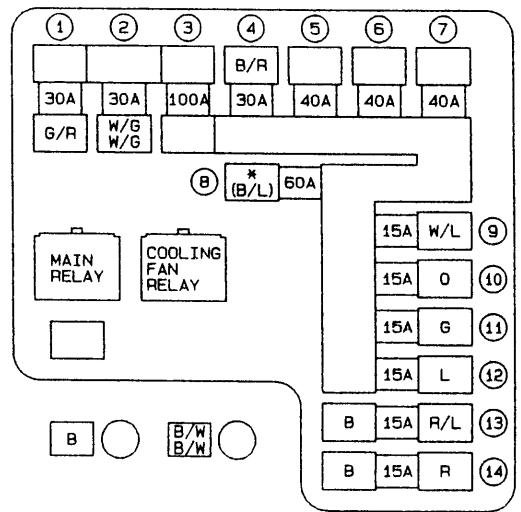
(SEDAN)

X-11 FRONT (F) - REAR (R)



COMMON CONNECTOR LIST

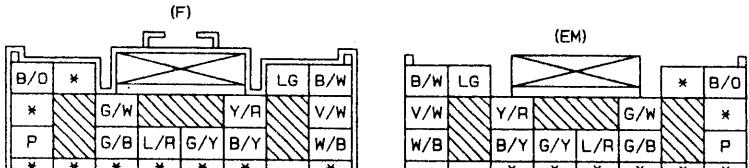
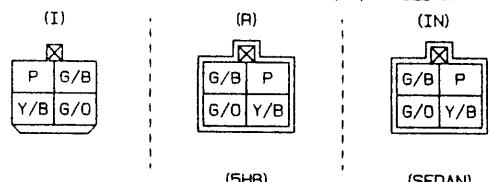
X-01 MAIN FUSE BLOCK (E)



() WITH ABS/TCS

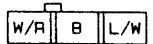
NOTE: THIS IS THE CONNECTOR AS SEEN FROM THE TERMINAL SIDE.

X-07 FRONT (F) - EMISSION (EM)

< > WITHOUT FRONT FOG LIGHT
() WITH CRUISE CONTROL SYSTEMX-10 INSTRUMENT PANEL (I) - REAR (R) ← 5HB
X-10 INSTRUMENT PANEL (I) - INTERIOR (IN) ← SEDAN

X-11 FRONT (F) - REAR (R)

X-02 MAIN FUSE BLOCK (F)



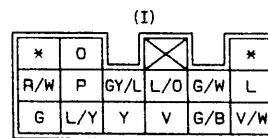
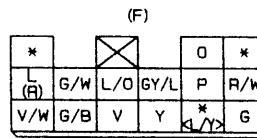
X-03 IGNITION SWITCH (F)



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

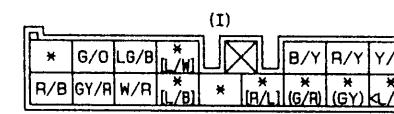
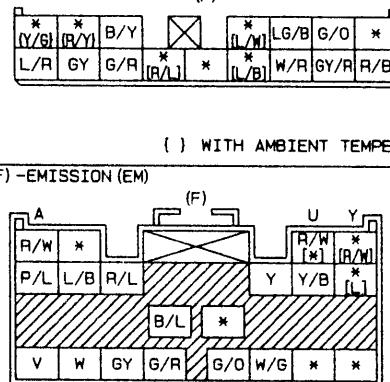
(F)

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

< > WITH FOG LIGHTS
() WITH THEFT-DETERRENT SYSTEM

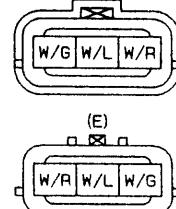
X-06 FRONT (F) - EMISSION (EM)

(F)

[] 5HB
() WITH AMBIENT TEMPERATURE MODE
< > WITH HEADLIGHT CLEANER SYSTEM

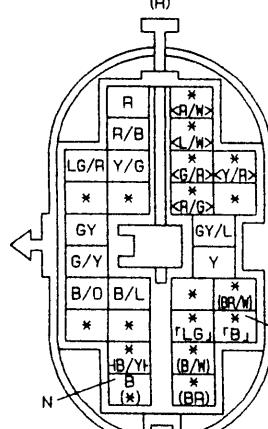
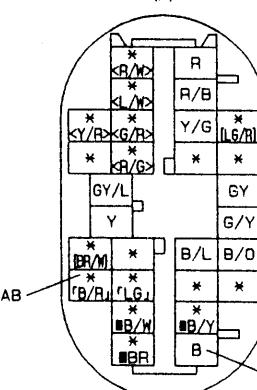
X-08 EMISSION (EM) - ENGINE (E)

(EM)



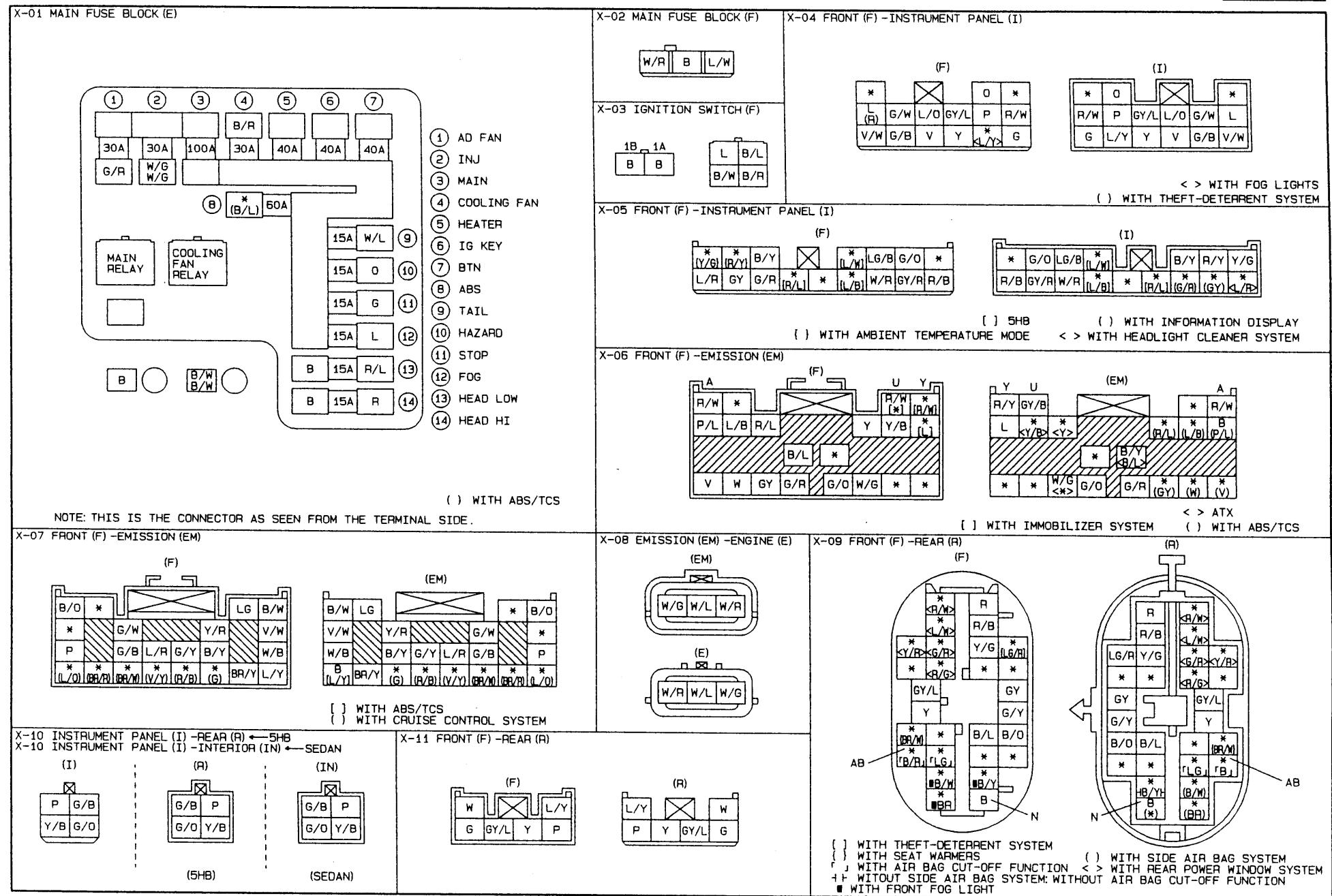
X-09 FRONT (F) - REAR (R)

(F)

[] WITH IMMOBILIZER SYSTEM
() WITH ABS/TCS

Applied VIN:
JMZ GF1 * P * 01 153024-
JMZ GF1 * S * 01 152964-

COMMON CONNECTOR LIST

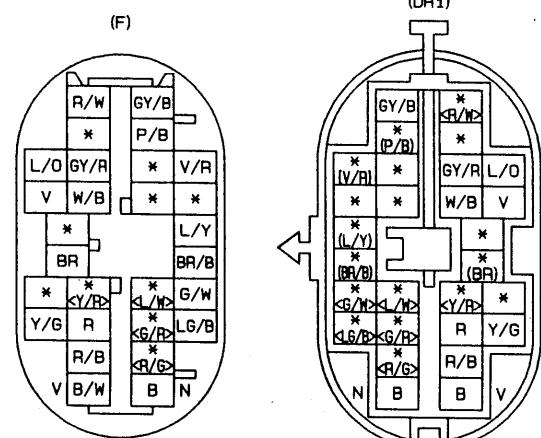


Applied VIN (assumed):
JMZGF12F***# 22974-
JMZGF12P2**# 22974-
JMZGF12P2**# 22974-

JMZGF14F***# 22974-
JMZGF14P2**# 22974-
JMZGF4S***# 22974-
JMZGF4S***# 22974-

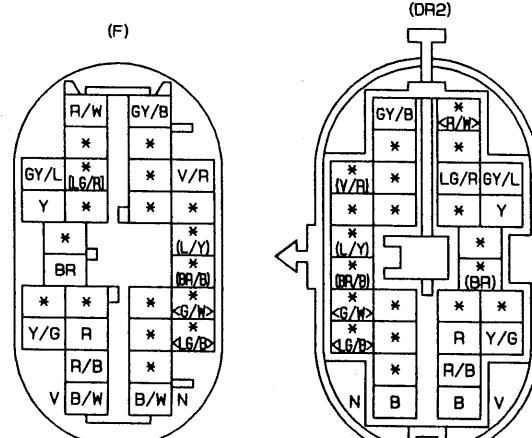
COMMON CONNECTOR LIST

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



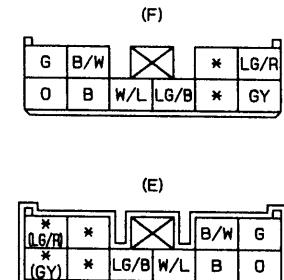
() WITH POWER OUTSIDE MIRRORS < > WITH POWER WINDOW SYSTEM

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



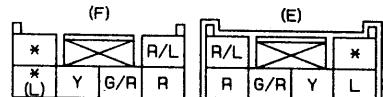
[] WITH THEFT-DETERRENT SYSTEM () WITH POWER OUTSIDE MIRRORS
() HEATED OUTSIDE MIRRORS < > WITH POWER WINDOW SYSTEM

X-14 FRONT (F) -ENGINE (E)



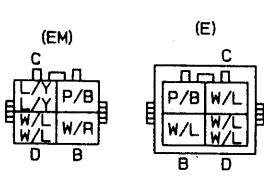
() WITH VEHICLE SPEEDOMETER SENSOR

X-15 FRONT (F) -ENGINE (E)

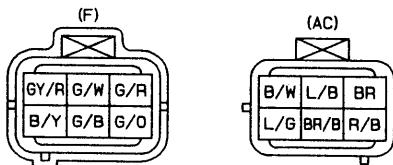


() WITH FOG LIGHTS

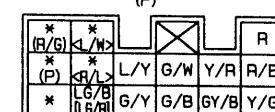
X-16 EMISSION (EM) -ENGINE (E)



X-17 FRONT (F) -A/C (AC)

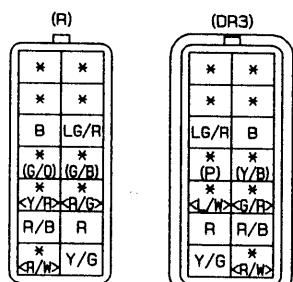


X-18 FRONT (F) -INTERIOR (IN)



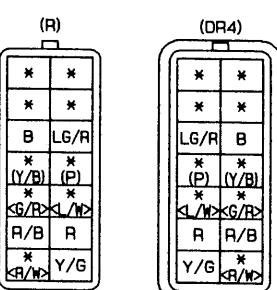
[] WITH RUNNING LIGHT SYSTEM
< > 5HB
() WITH THEFT-DETERRENT SYSTEM

X-19 REAR (R) -DOOR NO. 3 (DR3)



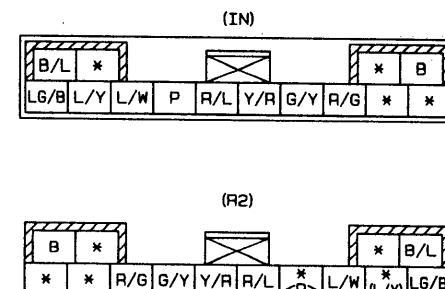
< > WITH REAR POWER WINDOW SYSTEM

X-20 REAR (R) -DOOR NO. 4 (DR4)



() 5HB
< > WITH REAR POWER WINDOW SYSTEM

X-21 INTERIOR (IN) -REAR NO. 2 (R2)



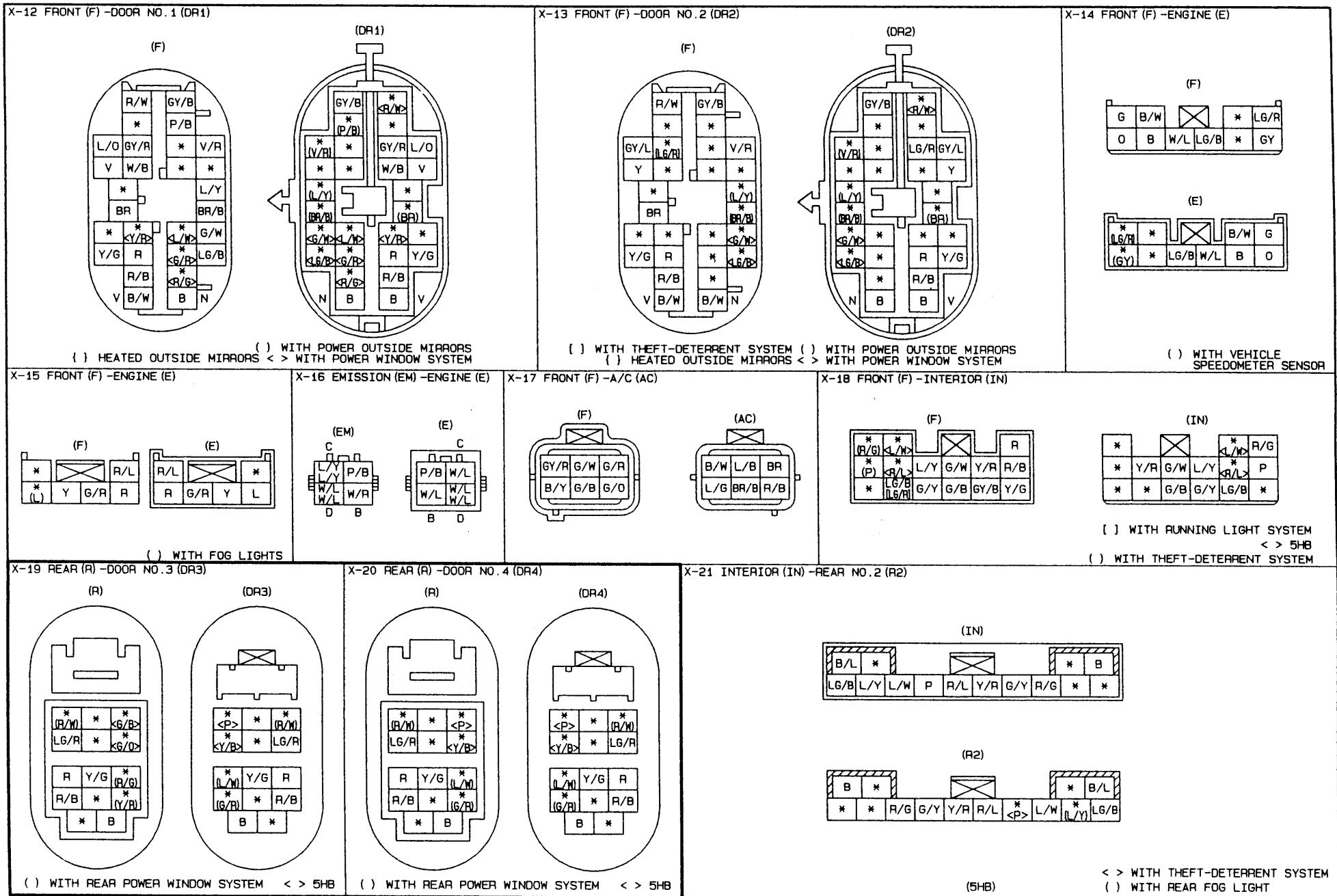
(5HB)

< > WITH THEFT-DETERRENT SYSTEM
() WITH REAR FOG LIGHT

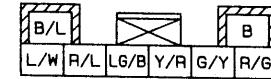
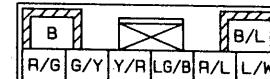
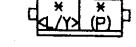
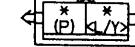
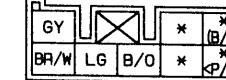
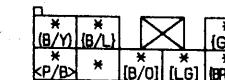
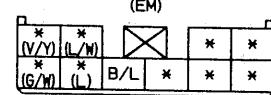
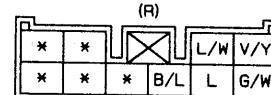
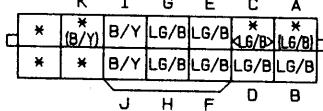
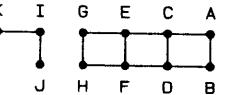
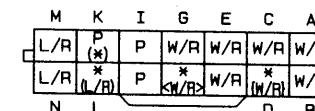
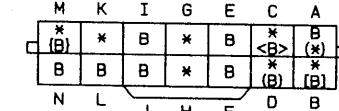
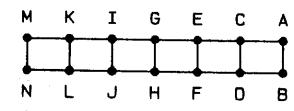
Applied VIN (assumed):
 JMZ GF1*F*01 138914—
 JMZ GF1*P*01 138887—
 JMZ GF1*S*01 138903—

Mazda 626 Wiring Diagram (5406-10-97D)

COMMON CONNECTOR LIST

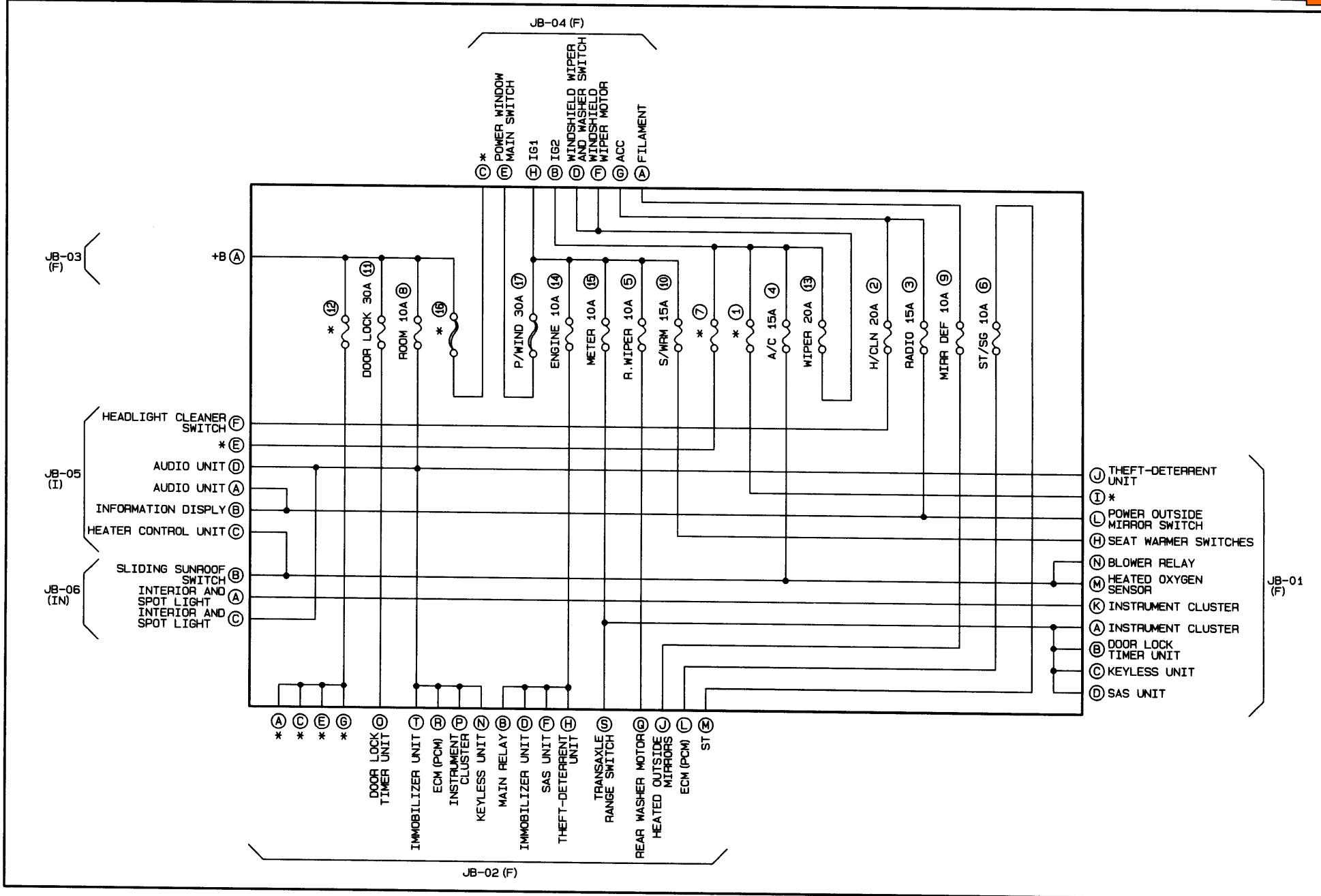


COMMON CONNECTOR LIST

X-22 FRONT (F) - INSTRUMENT PANEL (I)	X-23 REAR NO. 2 (R2) - REAR NO. 3 (R3)	X-24 REAR NO. 2 (R2) - REAR NO. 3 (R3)
(F)  (I) 	(R2)  (R3)  (5HB)	(R2)  (R3)  () WITH THEFT-DETERRENT SYSTEM < > WITH REAR FOG LIGHT
X-25 FRONT (F) - INTERIOR (IN)	X-26 EMISSION (EM) - ENGINE (E)	X-27 EMISSION (EM) - INSTRUMENT PANEL (I)
(F)  (IN) 	(EM)  (E) 	(EM)  (I) 
X-28 EMISSION (EM) - REAR (R)		[] WITH INFORMATION DISPLAY { } FULL-AUTO A/C () ATX < > WITH ABS/TCS
	(EM)  (R) 	X-29 EMISSION (EM) - ENGINE (E)
		(EM)  (E) 
X-30 JOINT CONNECTOR (I)		X-31 JOINT CONNECTOR (I)
K I G E C A 	M K I G E C A 	M K I G E C A 
{ } WITH ABS/TCS < > ATX () WITH INFORMATION DISPLAY		{ } WITH ABS/TCS () FULL-AUTO A/C < > ATX
X-32 JOINT CONNECTOR (I)		
M K I G E C A 	M K I G E C A 	{ } WITH ABS/TCS < > ATX () FULL-AUTO A/C [] 5HB

INTERCONNECTING DIAGRAM OF JOINT BOX

108



JOINT BOX

JB-01 FRONT HARNESS (F)

M	K	I		C	A
P	V/W	*		B/Y	B/Y
P	P/B	*	(L/H)	BR/W	*
N	L	J	H	F	D
					B

() WITH THEFT-DETERENT SYSTEM

JB-02 FRONT HARNESS (F)

S	G	D	M	G	E	C	A
B/Y	*	W/G	B/L	*	*	*	*
*	L/M	L/R	L/R	Y	V/R	B/W	*
L/R	L/R	L/R		KB/W		(B/W)	
T	R	P	N	J	H	F	D
							B

{ } 5HB
 () WITH IMMOBILIZER SYSTEM
 < > WITH THEFT-DETERENT SYSTEM

JB-03 FRONT HARNESS (F)



JB-04 FRONT HARNESS (F)

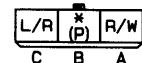
G	E	C	A
B/W	R/W	*	B/L
L	L/Y	L/Y	B/R
H	F	D	B

JB-05 INSTRUMENT PANEL HARNESS (I)

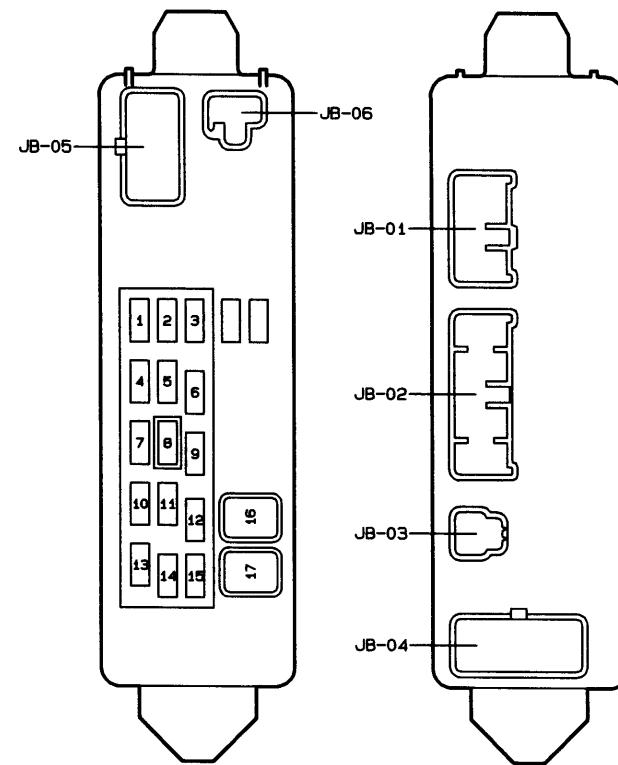
E	C	A
*	P	P/B
*	(B/W)	L/R
F	D	B

() WITH HEADLIGHT CLEANER SYSTEM

JB-06 INTERIOR HARNESS (IN)



() WITH SLIDING SUNROOF



NO.	CIRCUIT NAME	FUSE	NO.	CIRCUIT NAME	FUSE
1	—	—	10	S/WRM	15A
2	H/CLN	20A	11	DOOR LOCK	30A
3	RADIO	15A	12	—	—
4	A/C	15A	13	WIPER	20A
5	R.WIPER	10A	14	ENGINE	10A
6	ST/SG	10A	15	METER	10A
7	—	—	16	—	—
8	ROOM	10A	17	P/WIND	30A
9	MIRR DEF	10A			

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CARGO COMPARTMENT LIGHT SWITCH	64
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