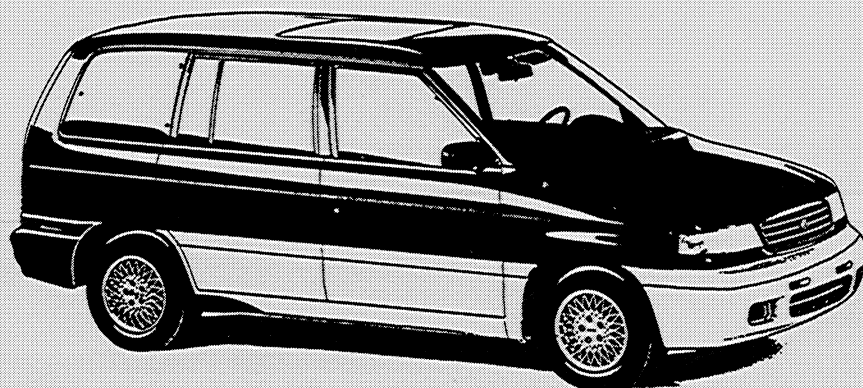


Mazda MPV

1996
Wiring Diagram



mazda

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1996 Mazda MPV

Wiring Diagram

FOREWORD

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

Mazda Motor Corporation
HIROSHIMA, JAPAN

APPLICATION:

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

CONTENS

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GROUND POINTS	Y
ELECTRICAL WIRING SCHEMATIC	W
SYSTEM CIRCUIT DIAGRAM/ CONNECTOR LOCATIONS	A~U
COMMON CONNECTORS	X
JOINT BOX COMPLETE WIRING SYSTEM	JB
PARTS INDEX	PI

VEHICLE IDENTIFICATION NUMBERS(VIN) (CHASSIS NUMBER)

JM3 LV522 ※T0 800001～

JM3 LV523 ※T0 800001～

WIRING COLOR CODE

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

GENERAL INFORMATION

Contents of and Using Electrical Wiring Diagrams

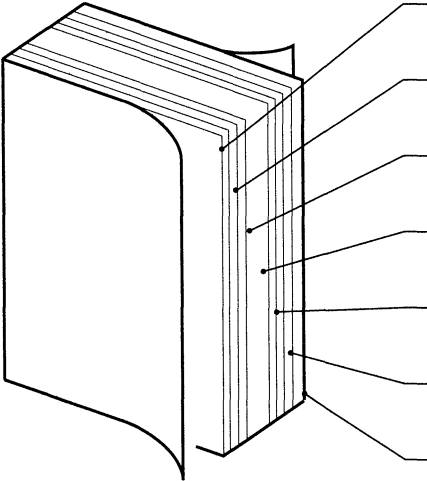
Contents of wiring diagrams	GI-2
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Reading Wiring Diagrams

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System circuit diagram/connector diagram	GI-4
Routing diagram	GI-6
Harness symbols	GI-7
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Contents of wiring diagrams

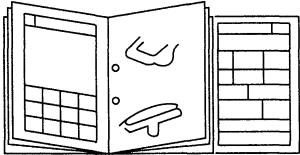
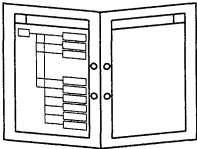
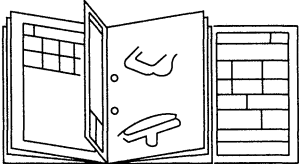
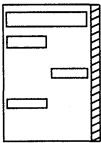
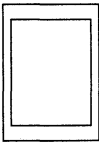
- This document comprises the 7 groups shown below. The main components are summarized in the components location diagram at the end the document.



GI	General information	A how-to on using and reading wiring diagrams, using test equipment, checking harness and connectors, and finding trouble spots
Y	Ground points	Grounding routes from and the battery
W	Electrical wiring schematics	Shows main fuses and other fuses for each system
A~U	Circuit diagrams for individual systems	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

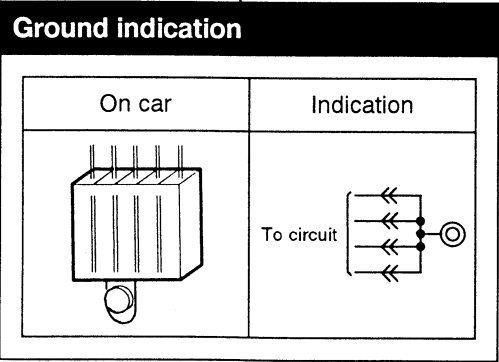
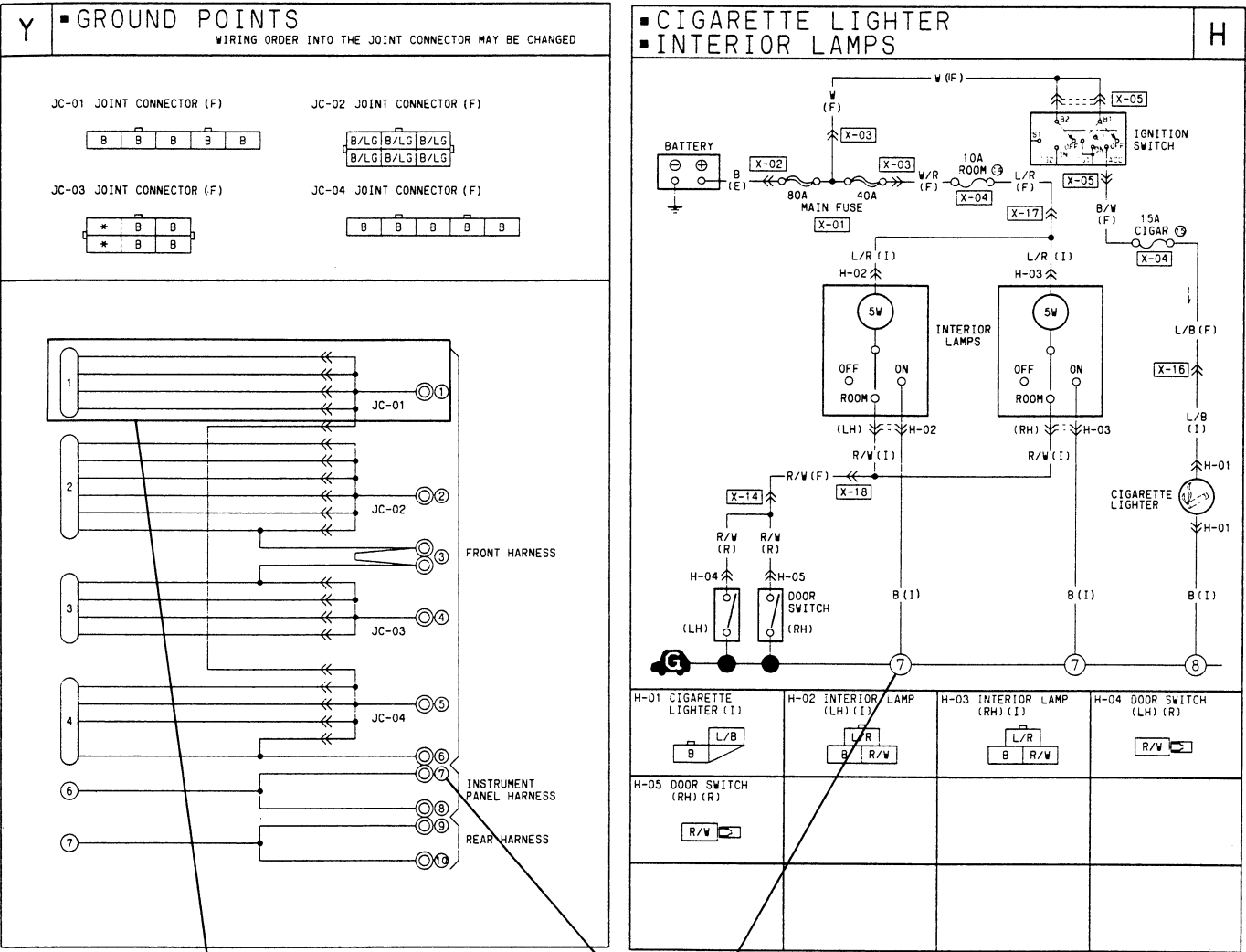
Using wiring diagrams

- The use of the wiring diagram depends on its application.

Application	Use	Application	Use
For checking circuits of individual systems	 Open to page with circuit diagram and harness routing to be used and fold out common connector diagram or joint box diagram.	For checking fuse connections	 Open to electrical wiring schematic.
For checking ground circuit of individual systems	 Open to page with ground point diagram and fold out common connector diagram or joint box diagram.	For finding page numbers of systems and components	Parts Index  or System Index  Open to parts index or system index.

Ground points

- This shows ground points of the harness.



On circuit diagrams and ground points

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

System circuit diagram/connector diagram

- These show the circuits for each system, from the power supply to the ground. The power supply side is at the top of the page and the ground side is at the bottom. The diagrams describe circuits with the ignition switch OFF.

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

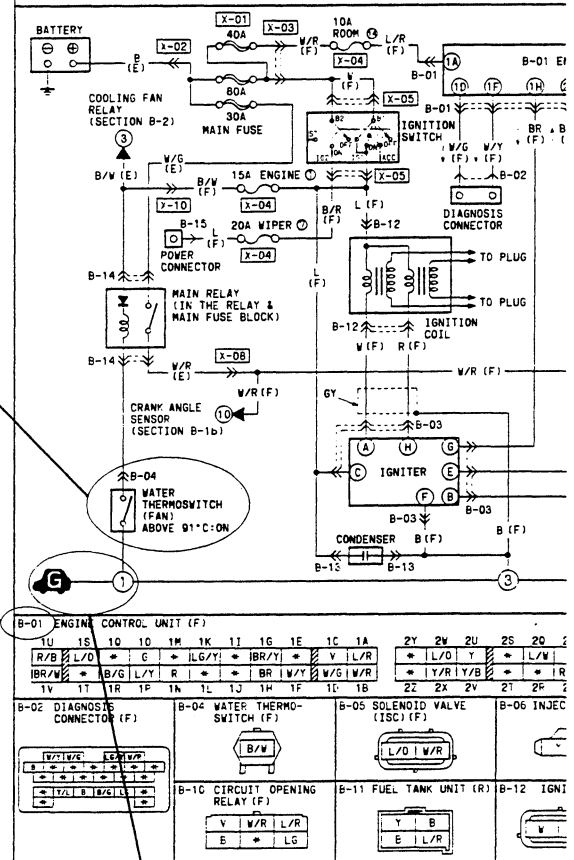
Indicates operating conditions for switches, etc.

Connector code.

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

- JB: Joint box connections
- X : Common connectors
- A : Charging system/starting system connectors
- B : Engine control system connectors
- C : Gauge control system connectors
- D : Wiper system connectors
- E : Lighting system connectors
- F : Signal system connectors
- G : Air conditioning system connectors

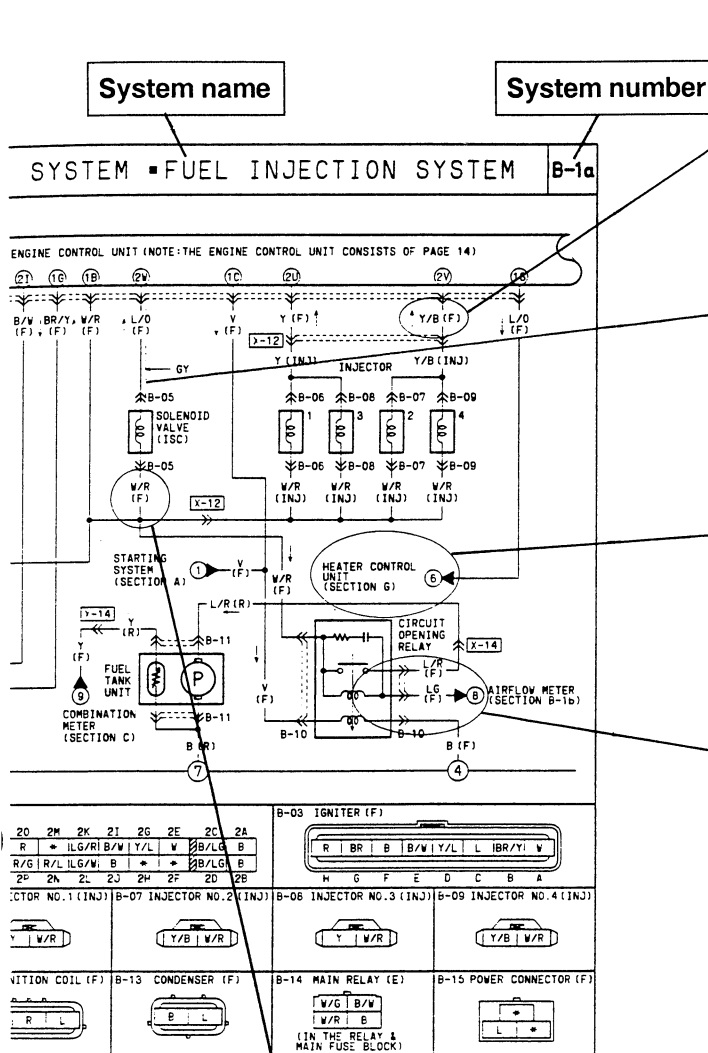
IGNITION SYSTEM ENGINE CONTROL



Ground numbers

A harness ground is represented differently than a physical ground of a unit.

Types of ground	Symbol
Harness grounded 	
Unit grounded 	



Current symbol

Current flows in the direction of the arrow.

*Indicates shielded wire.

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

The number (e.g. 6), indicates the circuit continues to the related system diagram.

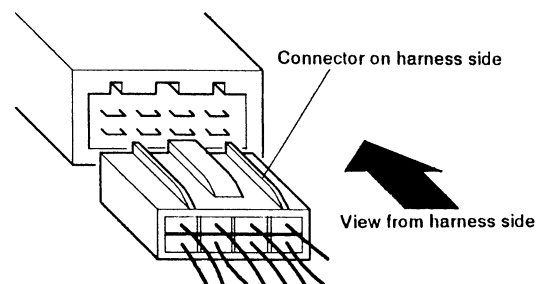
Connector symbols

- 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 broken lines between the connector symbols.
- Connector diagrams always show connectors on the harness side. The arrow indicates the view from the harness side.

(Example)

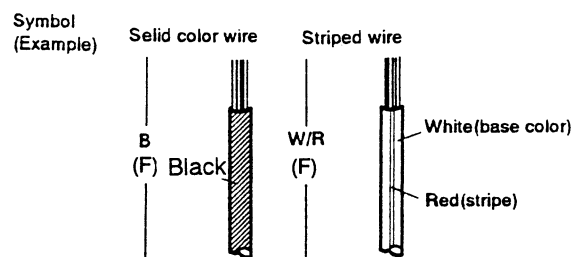


- Colors for connectors other than those that are off white are given in diagrams.
- Unused terminals are indicated by *.

Wire color code (harness symbol)

- Two-color wires are indicated by a Two-letter symbol. The first letter indicates the base color of the wire and the second indicates 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 given in the () following the harness Symbols (Refer to GI-7.).

Routing diagram

- This shows where electrical components are located on the system circuit diagram by lead and connector symbols.
- Specified values are listed beside the routing diagram or on the following page.

Connector symbol

Shows the system that uses the connector.

(Example)

Connector	Symbol
Joint box	JB-04
Common connectors	X-19
System connectors	I-03

Component name

Shows the names of components in routing diagrams.

Ground symbol

Shows the ground in system diagrams.

Power Window Motor (RH) I-03

Connector (F) - (DR1) X-15

X-19 Connector (F) - (I)

I-01 Power Window Main Switch

X-20 Connector (F) - (DR2)

I-02 Power Window Motor (LH)

JOINT BOX

JB-02

JB-04

JB-07

Engine control unit terminal (unit side)

Terminal	Input	Output	Connection to	Test condition	Voltage	Remark
1K	O		Diagnosis Connector	AI System Selector test switch "O ₂ MONITOR"	Approx. 12V	
1N	O		Throttle sensor (idle point)	AI System Selector test switch "SELF-TEST"	Approx. 0V	Ignition switch ON
1O	O		Stoplight switch	Accelerator pedal released	Approx. 0V	
1P	O		P/S pressure switch	Accelerator pedal depressed	Approx. 12V	
1R	O		Fan switch	Brake pedal released	0V	
1U	O		Headlight switch	Ignition switch ON	Approx. 12V	
1V	O		Neutral or clutch switch	P/S ON (at idle)	Approx. 12V	
2A	-	-	Ground (Injector)	P/S OFF (at idle)	0V	
2B	-	-	Ground (Output)	Fan operating (Engine coolant temperature over 97°C (207°F) or diagnosis connector terminal TFA grounded)	Approx. 12V	
2C	-	-	Ground (CPU)	Fan not operating (idle)	Approx. 0V	
2D	-	-	Ground (Input)	Headlights ON (Tail, parking, low beam or high beam)	Approx. 12V	
2E	O		Crank angle sensor (Ne-signal)	Headlights OFF	Approx. 0V	
2G	O		Crank angle sensor (G-signal)	Neutral position or clutch pedal depressed	Approx. 10V	
2J	O		Ground	Other conditions	Approx. 12V	
2K	O		Airflow meter	Constant	0V	
2L	O		Throttle sensor (Power terminal)	Constant	0V	
2N	O		Oxygen sensor	Accelerator pedal released	Approx. 5V	
2O	O		Airflow meter	Accelerator pedal fully depressed	Approx. 0V	
2P	O		Airflow sensor (Intake air thermosensor)	Ignition switch ON	0V	
2Q	O		Water thermosensor	Idle (Cold engine)	0V	

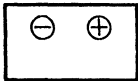
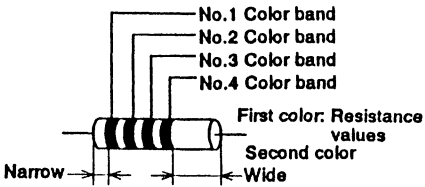
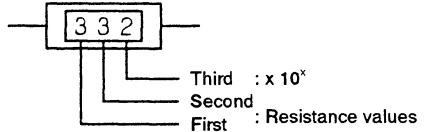
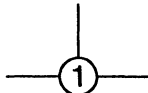
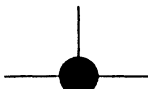
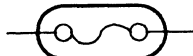
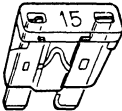
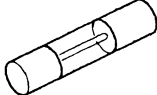
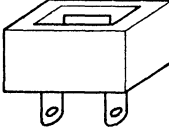
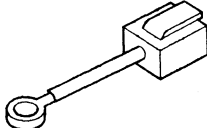
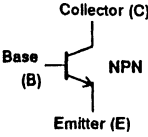
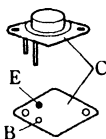
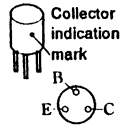
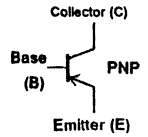
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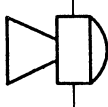
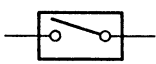
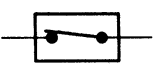
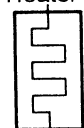
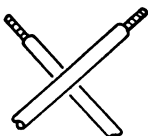
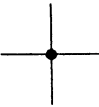
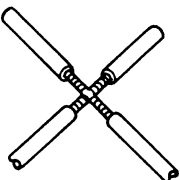
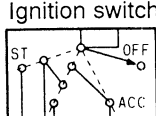
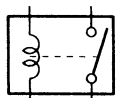
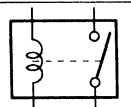
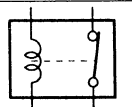
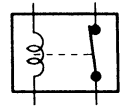
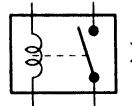
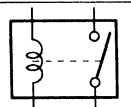
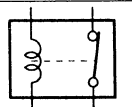
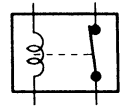
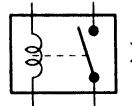
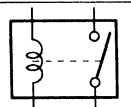
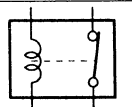
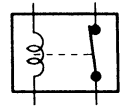
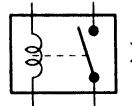
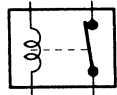
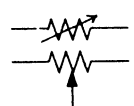
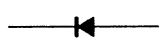
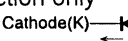
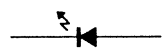
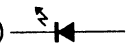
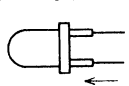
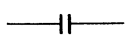
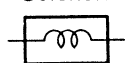
Shows values for determining whether an electrical component is good.

Harness symbols

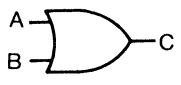
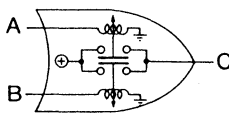
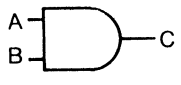
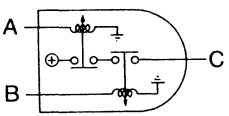
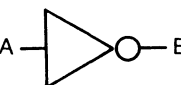
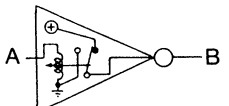
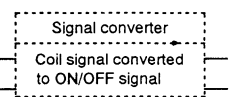
DESCRIPTION OF HARNESS	SYMBOL	DESCRIPTION OF HARNESS	SYMBOL
FRONT HARNESS	(F)	DOOR NO. 1 HARNESS	(DR1)
FRONT NO. 2 HARNESS	(F2)	DOOR NO. 2 HARNESS	(DR2)
ENGINE HARNESS	(E)	DOOR NO. 3 HARNESS	(DR3)
EMISSION HARNESS	(EM)	DOOR NO. 4 HARNESS	(DR4)
EMISSION NO. 2 HARNESS	(EM2)	FLOOR HARNESS	(FR)
INJECTION HARNESS	(INJ)	INTERIOR LIGHT HARNESS	(IN)
DASH HARNESS	(D)	INTERIOR LIGHT NO. 2 HARNESS	(IN2)
INSTRUMENT PANEL HARNESS	(I)	A/C HARNESS	(AC)
REAR HARNESS	(R)	A/C NO. 2 HARNESS	(AC2)
REAR NO. 2 HARNESS	(R2)	AIR BAG HARNESS	(AB)
REAR NO. 3 HARNESS	(R3)	BATTERY HARNESS	(B)

Symbols

Symbol	Meaning	Symbol	Meaning																																																																											
Battery 	- Generates electricity through chemical reaction - Supplies direct current to circuits	Resistance 	- A resistor with a constant value - Mainly used to protect electrical components in circuits by maintaining rated voltage - Reading resistance values <Colored type>  <table><tr><th>Color</th><th>No.1</th><th>No.2</th><th>No.3</th><th>No.4</th></tr><tr><th></th><th>Resistance values</th><th>Multiplier</th><th>Tolerance</th><th></th></tr><tr><td>Black</td><td>0</td><td>0</td><td>$\times 10^0$</td><td></td></tr><tr><td>Brown</td><td>1</td><td>1</td><td>$\times 10^1$</td><td></td></tr><tr><td>Red</td><td>2</td><td>2</td><td>$\times 10^2$</td><td></td></tr><tr><td>Orange</td><td>3</td><td>3</td><td>$\times 10^3$</td><td></td></tr><tr><td>Yellow</td><td>4</td><td>4</td><td>$\times 10^4$</td><td></td></tr><tr><td>Green</td><td>5</td><td>5</td><td>$\times 10^5$</td><td></td></tr><tr><td>Blue</td><td>6</td><td>6</td><td>$\times 10^6$</td><td></td></tr><tr><td>Purple</td><td>7</td><td>7</td><td>$\times 10^7$</td><td></td></tr><tr><td>Grey</td><td>8</td><td>8</td><td>$\times 10^8$</td><td></td></tr><tr><td>White</td><td>9</td><td>9</td><td>$\times 10^9$</td><td></td></tr><tr><td>Gold</td><td></td><td></td><td>$\times 10^{-1}$</td><td>$\pm 5\%$</td></tr><tr><td>Silver</td><td></td><td></td><td>$\times 10^{-2}$</td><td>$\pm 10\%$</td></tr><tr><td>-</td><td></td><td></td><td></td><td>$\pm 20\%$</td></tr></table> <Numerical type> 	Color	No.1	No.2	No.3	No.4		Resistance values	Multiplier	Tolerance		Black	0	0	$\times 10^0$		Brown	1	1	$\times 10^1$		Red	2	2	$\times 10^2$		Orange	3	3	$\times 10^3$		Yellow	4	4	$\times 10^4$		Green	5	5	$\times 10^5$		Blue	6	6	$\times 10^6$		Purple	7	7	$\times 10^7$		Grey	8	8	$\times 10^8$		White	9	9	$\times 10^9$		Gold			$\times 10^{-1}$	$\pm 5\%$	Silver			$\times 10^{-2}$	$\pm 10\%$	-				$\pm 20\%$
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-				$\pm 20\%$																																																																										
Ground (1) 	- Connecting point to vehicle body or other ground wire where current flows from positive to negative terminal of battery - Ground (1) indicates a ground point to body through wire harness - Ground (2) indicates point where component is grounded directly to body																																																																													
Ground (2) 	Remark Current will not flow through a circuit if ground is faulty																																																																													
Fuse (1) 	Melts when current flow exceeds that specified for circuit, stopping current flow																																																																													
(box) Fuse (2) 	Precautions Do not replace with fuses exceeding specified capacity																																																																													
(Cartridge) Main fuse/Fusible link 	<Box type>  <Cartridge type>  <Main fuse>  <Fusible link> 																																																																													
Transistor (1) 	- Electrical switching component - Turns on when voltage is applied to the base(B) 	Motor 	Converts electrical energy into mechanical energy																																																																											
Transistor (2) 	Reading code 2 S C 828 A Semiconductor Number of terminals Revision mark A: High- frequency PNP B: Low- frequency PNP C: High- frequency NPN D: Low- frequency NPN	Pump 	Pulls in and expels gases and liquids																																																																											
Lamp 	Emits light and generates heat when current flows through filament	Cigarette lighter 	Electrical coil that generates heat																																																																											

Symbol	Meaning	Symbol	Meaning									
Horn 	● Generates sound when current flows.	Switch (1)  Normally open (NO)	● Allows or breaks current flow by opening and closing circuits.									
Speaker 		Switch (2)  Normally closed (NC)										
Heater 	● Generates heat when current flows.	Harness  (Not connected)	● Unconnected intersecting harness. 									
Speed sensor 	● Movement of magnet in speedometer set turns contact within sensor on and off.	 (Connected)	● Connected intersecting harness. 									
Ignition switch  Normally open (NO)	● Turning ignition key operates switch contacts to complete various circuits.											
Relay (1) 	● Current flowing through coil produces electromagnetic force causing contact to open or close. <table border="1" data-bbox="410 1108 1424 1375"><thead><tr><th></th><th>Open</th><th>Closed</th></tr></thead><tbody><tr><td>Normally open relay (NO)</td><td> No flow</td><td> Closed</td></tr><tr><td>Normally closed relay (NC)</td><td> Flow</td><td> No flow</td></tr></tbody></table>		Open	Closed	Normally open relay (NO)	 No flow	 Closed	Normally closed relay (NC)	 Flow	 No flow		
		Open	Closed									
Normally open relay (NO)	 No flow	 Closed										
Normally closed relay (NC)	 Flow	 No flow										
Relay (2)  Normally closed (NC)												
Sensor (variable) 	● Resistor whose resistance changes with operation of other components.	Diode 	● Known as a semiconductor rectifier, diode allows current flow in one direction only Cathode(K)  Anode(A) ← Flow of electric current K  A K  A K  A									
Sensor (thermistor) 	● Resistor whose resistance changes with temperature.	Light emitting diode (LED) 	● Diode that lights when current flows ● Unlike ordinary light bulbs, diode does not generate heat when lit Cathode(K)  Anode(A)  Cathode(K) Anode(A) Flow of electric current									
Capacitor 	● Component that temporarily stores electrical charge.											
Solenoid 	● Current flowing through coil generates electromagnetic force to operate plungers, etc.	Reference(zener) diode 	● Allows current to flow in one direction up to a certain voltage, allows current to flow in other direction once that voltage is exceeded.									

Logic symbols

Types of logic symbols	Operation	Expressing output	Simple relay circuits
OR 	Input to A or B will produce output at C	Low electrical potential (L) at A and B → No output (L) at C High electrical potential (H) at A or B → Output (H) at C	
AND 	Input to A and B will produce output at C	High electrical potential (H) at A and B → Output (H) at C Low electrical potential (L) at A or B → No output (L) at C	
INV 	No input to A will produce an output at B Input to A will not produce any output at B	Low electrical potential (L) at A → Ungrounds (H) B High electrical potential (H) at A → Grounds (L) B	
PROCESS 	Simplified representation of complex functions within circuit Describes main function 1.Signal detector for emission control unit, cooling unit and tachometer 2.Signal converter for turn and hazard flasher unit,breakerless transistor igniter unit, etc.		(Examples) Breakerless transistor igniters 

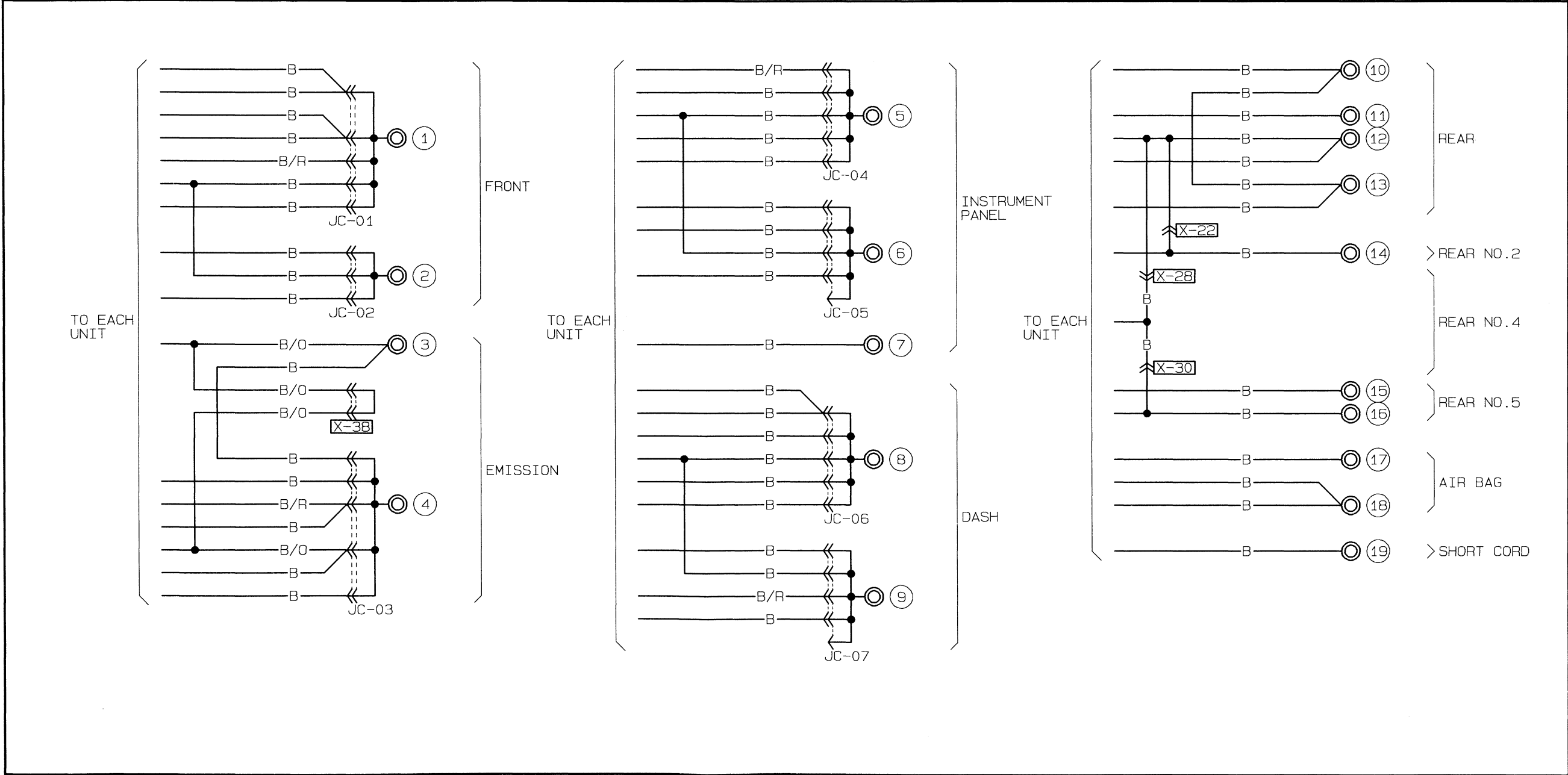
Abbreviations used in this booklet

3GR Third Gear
 4GR Fourth Gear
 A Ampere
 A/C Air Conditioning
 A/F Air Fuel
 A/R Auto Reverse
 AAS Autoadjusting Suspension
 ABS Antilock Brake System
 ACC Accessory
 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
 AS Autostop
 ASV Air Supply Valve
 AT Automatic Transmission
 ATX Automatic Transaxle
 B+ Battery Positive Voltage
 BAC Bypass Air Control Valve
 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

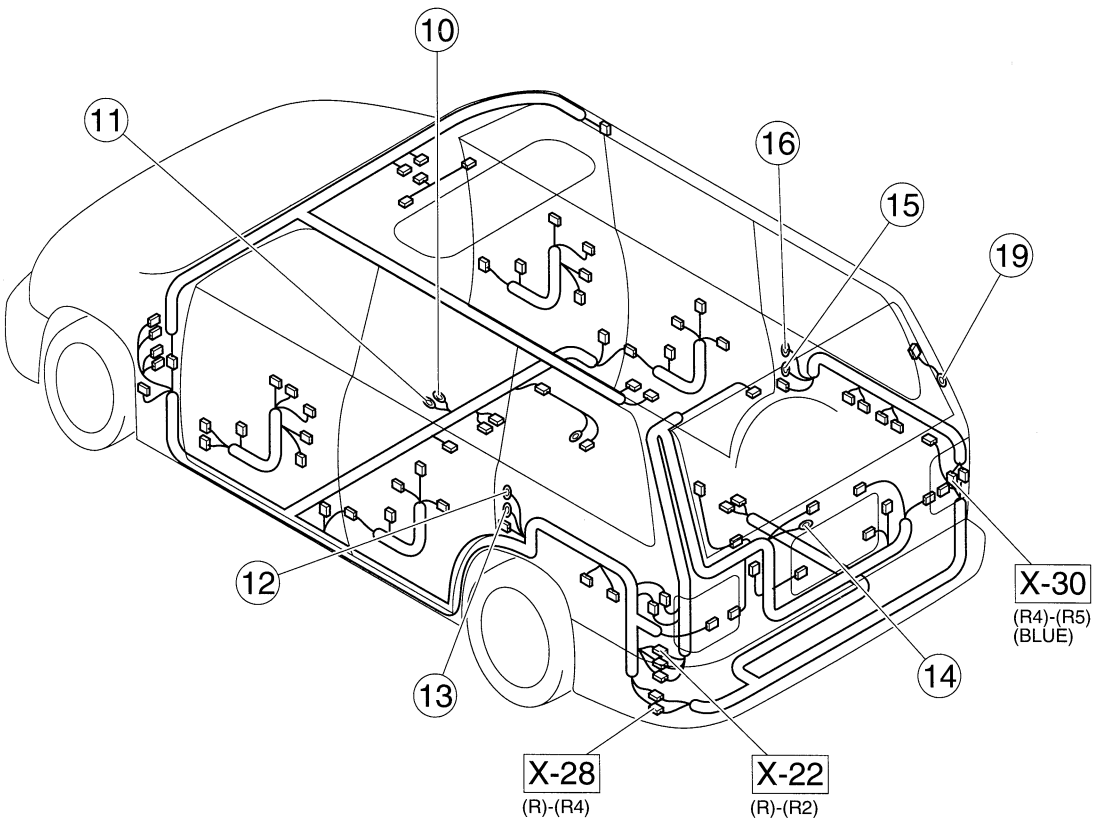
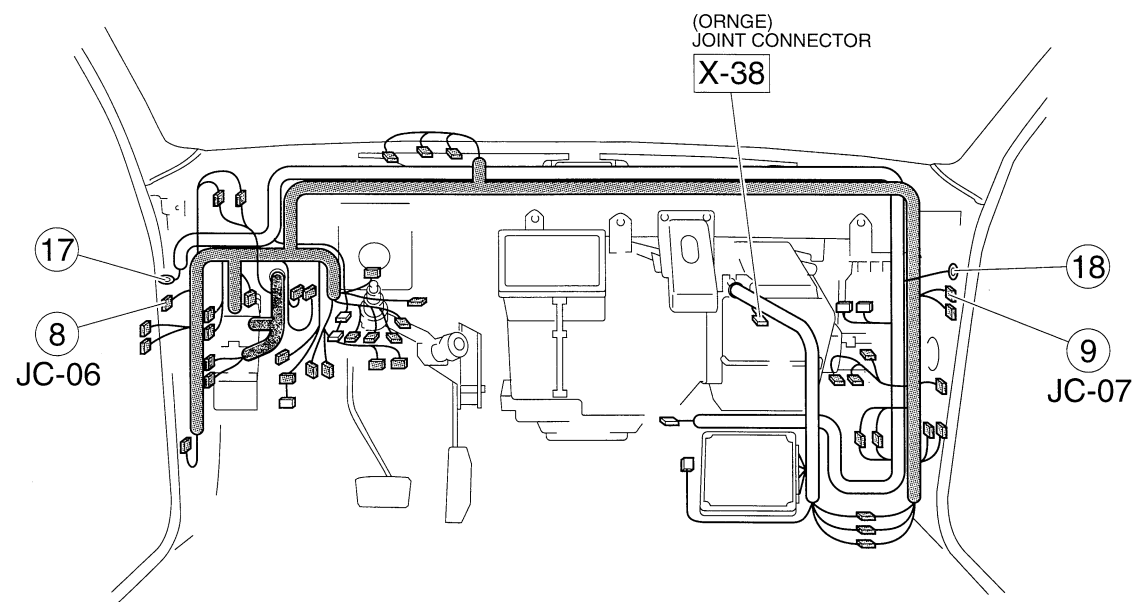
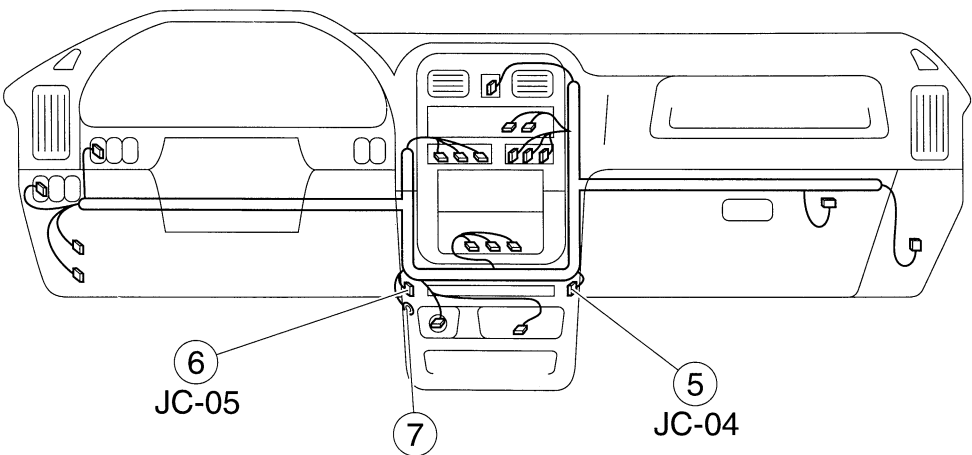
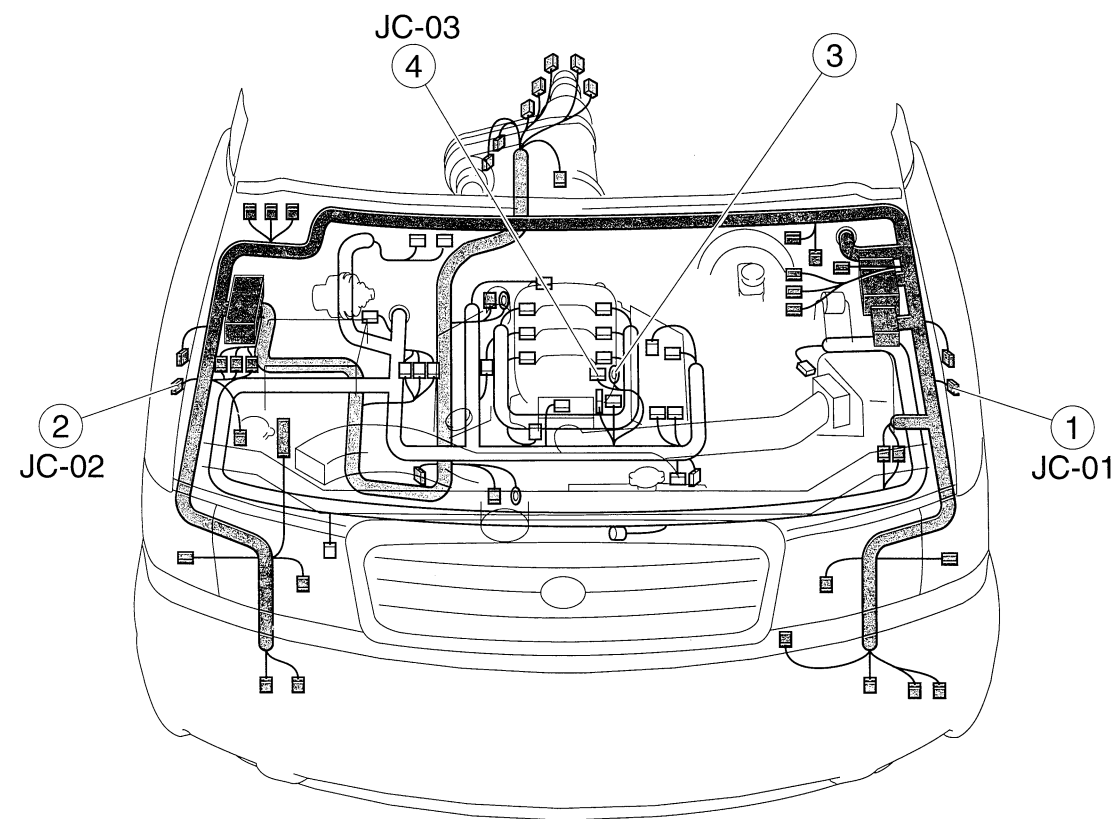
ECM Engine Control Module
 ECPS Electronically Controlled Power Steering
 ECT Engine Coolant Temperature
 EGR Exhaust Gas Recirculation
 EI Electronic Ignition
 ELEC Electric
 ELR Emergency Locking Retractor
 ETR Electronic Tuner
 F Front
 F/I Fuel Injector
 FC Fan Control
 FICB Fast-Idle Cam Breaker
 FM Frequency Modulation
 FP Fuel Pump
 FPR Fuel Pump Relay
 GEN Generator
 GND Ground
 H/D Heater/Defroster
 HEAT Heater
 HEI High-Energy Ignition
 HI High
 HO2S Heated Oxygen Sensor
 IAC Idle Air Control
 IAT Intake Air Temperature
 ICM Ignition Control Module
 IG Ignition
 ILLUMI Illumination
 INT Intermittent
 JB Joint Box
 KS Knock Sensor
 LCD Liquid Crystal Display
 LF Left Front
 LH Left Hand
 LO Low
 LR Left Rear
 M Motor
 MAF Mass Air Flow 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

Y	■ GROUND POINTS						WIRING ORDER INTO THE JOINT CONNECTOR MAY BE CHANGED.						
① JC-01 JOINT CONNECTOR (F)		② JC-02 JOINT CONNECTOR (F)		③ GROUND (EM)		④ JC-03 JOINT CONNECTOR (EM)		⑤ JC-04 JOINT CONNECTOR (I)		⑥ JC-05 JOINT CONNECTOR (I)		⑦ GROUND (I)	
B B B/R B B		B B B		B B/O		B B B B/R B/O B		B/R B B B B		B B B B *		B	
⑧ JC-06 JOINT CONNECTOR (D)		⑨ JC-07 JOINT CONNECTOR (D)		⑩ GROUND (R)		⑪ GROUND (R)		⑫ GROUND (R)		⑬ GROUND (R)		⑭ GROUND (R2)	
B B B B B		B B B/R B *		B B		B		B B		B B		B	
⑮ GROUND (R5)		⑯ GROUND (R5)		⑰ GROUND (AB)		⑱ GROUND (AB)		⑲ GROUND					
B		B		B		B B		B					

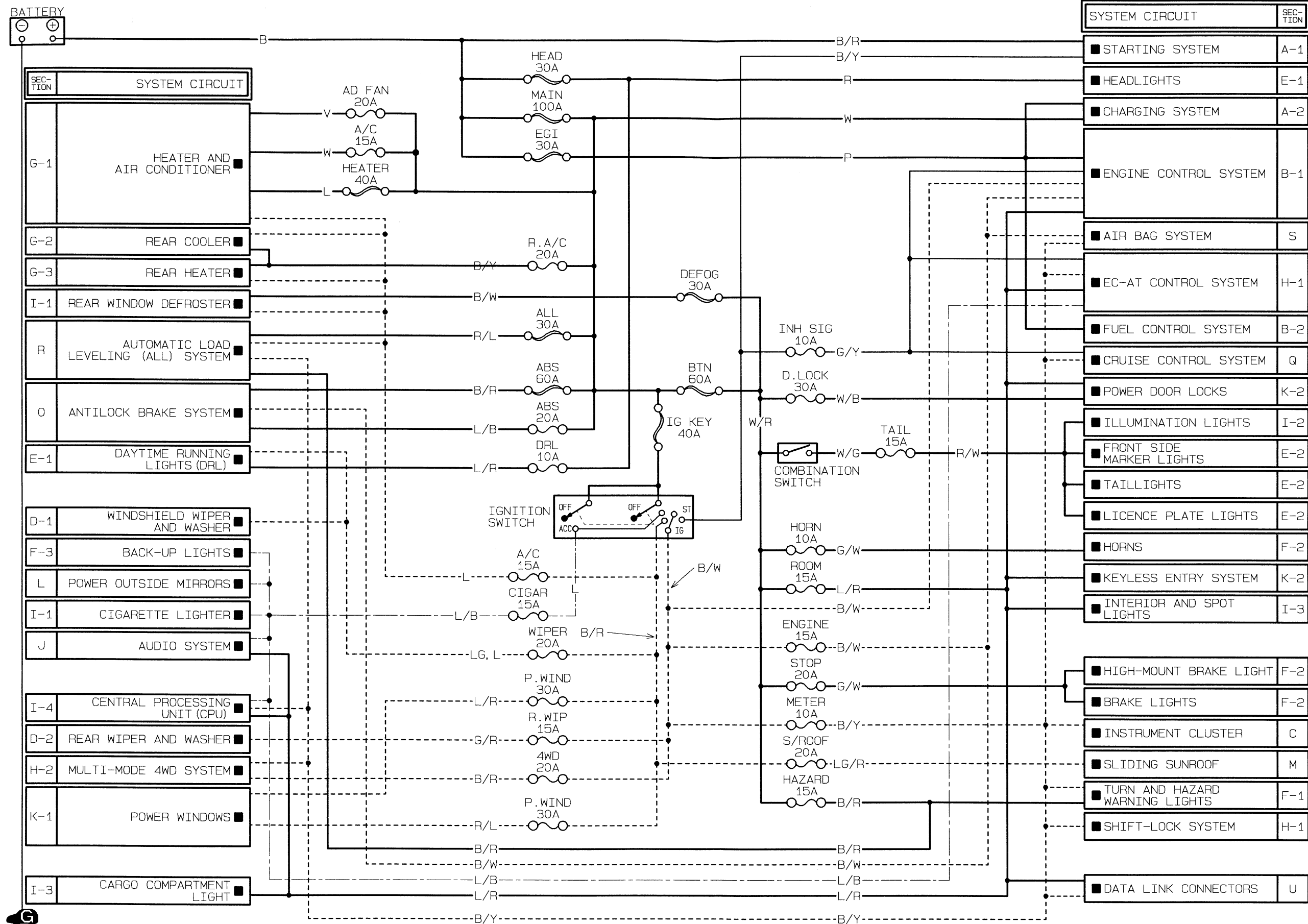


Y



■ ELECTRICAL WIRING SCHEMATIC

——— CURRENT FROM BATTERY
 - - - - - CURRENT FROM IG1, IG2
 - - - - - CURRENT FROM ACC
 ——— OTHERS



SYSTEM CIRCUIT DIAGRAM/ CONNECTOR LOCATIONS

ENGINE RELATED SYSTEMS

STARTING SYSTEM	Z-18
CHARGING SYSTEM	Z-20
ENGINE CONTROL SYSTEM	Z-22
FUEL CONTROL SYSTEM	Z-30

CHASSIS RELATED SYSTEMS

EC-AT CONTROL SYSTEM	Z-58
SHIFT-LOCK SYSTEM	Z-58
MULTI-MODE 4WD SYSTEM	Z-62
ANTILOCK BRAKE SYSTEM	Z-84
AUTOMATIC LOAD LEVELING(ALL)SYSTEM	Z-88

INSTRUMENT CLUSTER-RELATED SYSTEM

INSTRUMENT CLUSTER	Z-32
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BODY-RELATED SYSTEMS

WINDSHIELD WIPER AND WASHER	Z-38
REAR WIPER AND WASHER	Z-40
HORNS	Z-48
REAR WINDOW DEFROSTER	Z-64
CENTRAL PROCESSING UNIT(CPU)	Z-70
POWER WINDOWS	Z-74
POWER DOOR LOCKS	Z-76
KEYLESS ENTRY SYSTEM	Z-76
POWER OUTSIDE MIRRORS	Z-80
SLIDING SUNROOF	Z-82
CRUISE CONTROL SYSTEM	Z-86
AIR BAG SYSTEM	Z-92

INTERIOR LIGHTING SYSTEMS

ILLUMINATION LIGHTS	Z-66
INTERIOR AND SPOT LIGHTS	Z-68
CARGO COMPARTMENT LIGHT	Z-68

EXTERIOR LIGHTING SYSTEMS

HEADLIGHTS	Z-42
DAYTIME RUNNING LIGHTS(DRL)	Z-42
TAILLIGHTS	Z-44
LICENCE PLATE LIGHTS	Z-44
SIDE MARKER LIGHTS	Z-44
TURN AND HAZARD WARNING LIGHTS	Z-46
BRAKE LIGHTS	Z-48
HIGH-MOUNT BRAKE LIGHT	Z-48
BACK-UP LIGHTS	Z-50

AIR CONDITIONING-RELATED SYSTEMS

HEATER AND AIR CONDITIONER	Z-52
REAR COOLER	Z-54
REAR HEATER	Z-56

ACCESSORIES

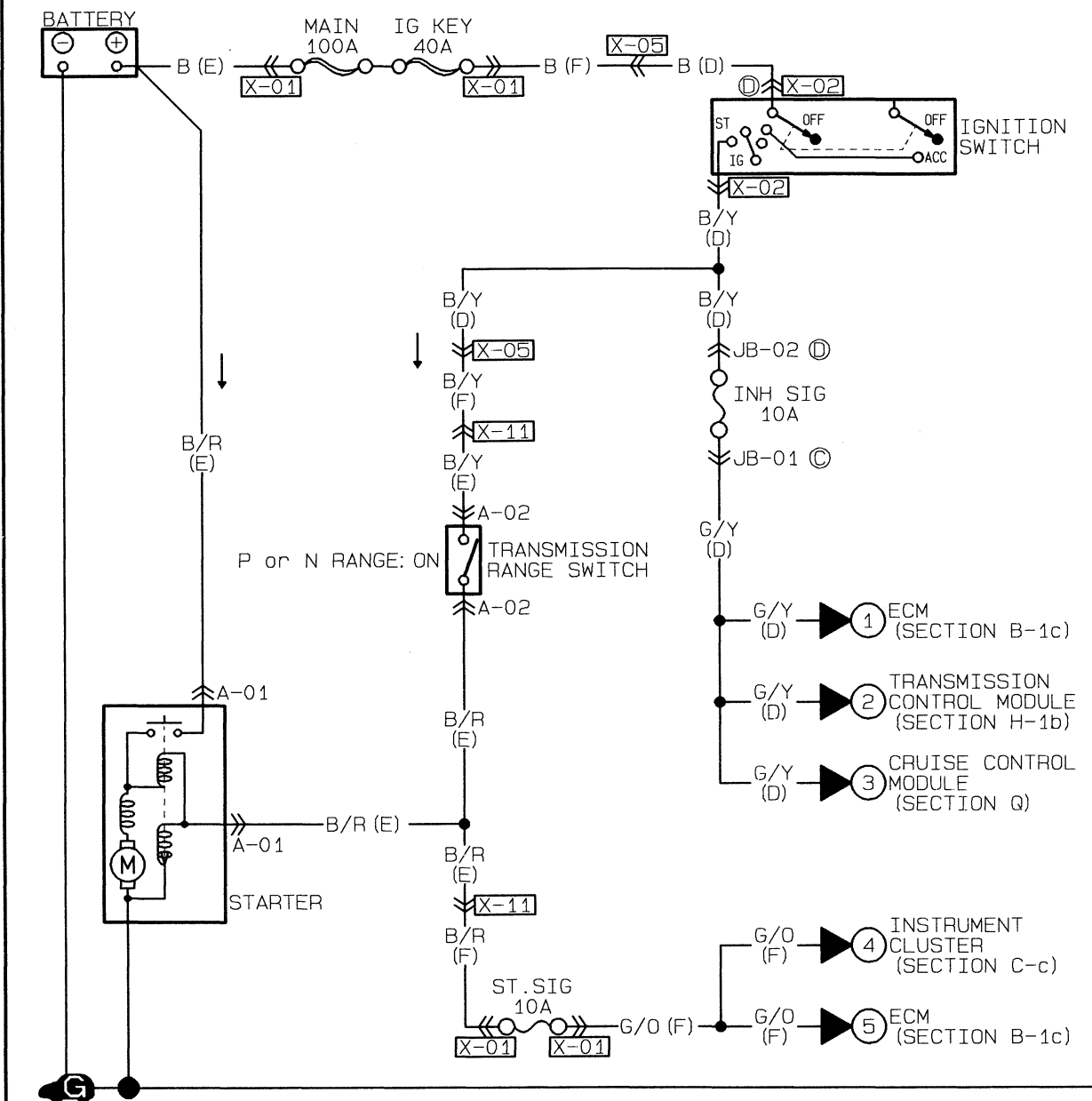
CIGARETTE LIGHTER	Z-64
AUDIO SYSTEM	Z-72

OTHER

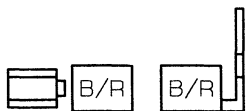
DATA LINK CONNECTOR	Z-94
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A~U

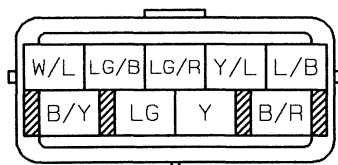
A-1 ■ STARTING SYSTEM



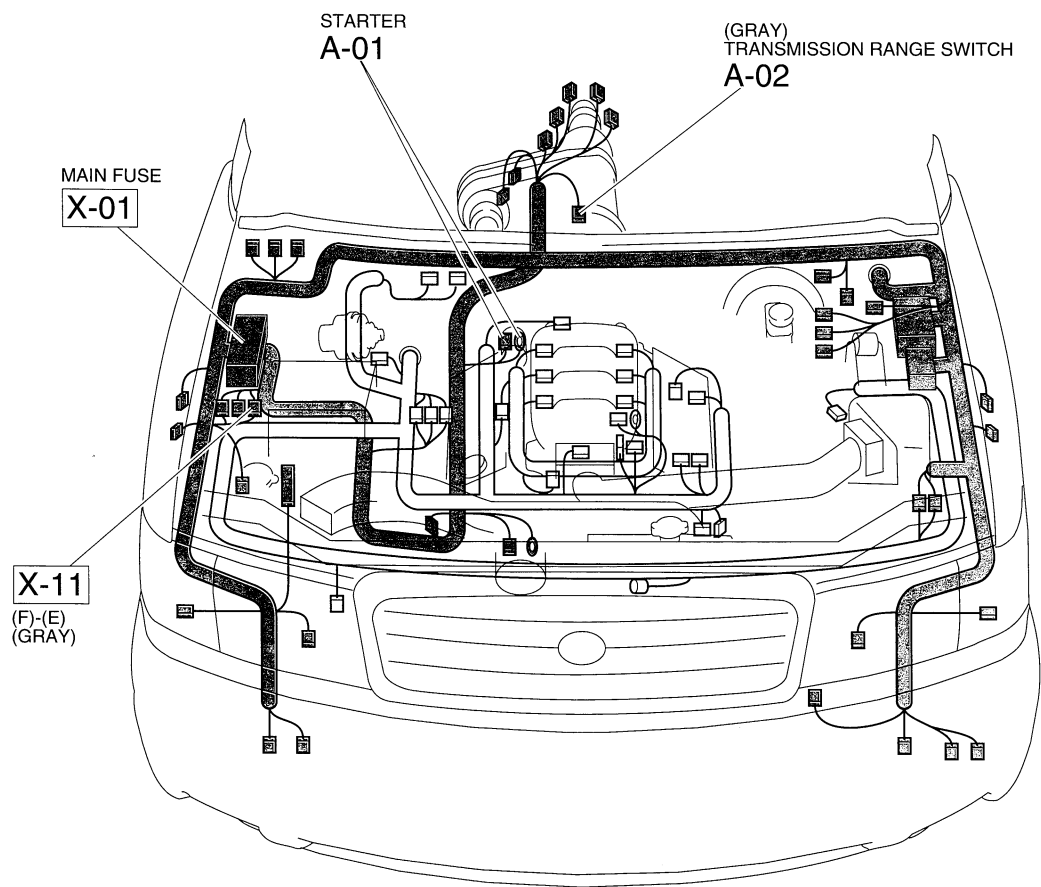
A-01 STARTER (E)



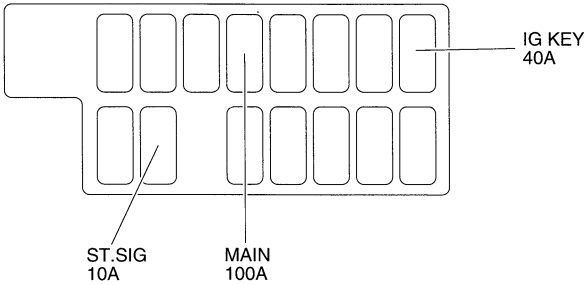
A-02 TRANSMISSION RANGE SWITCH (E)



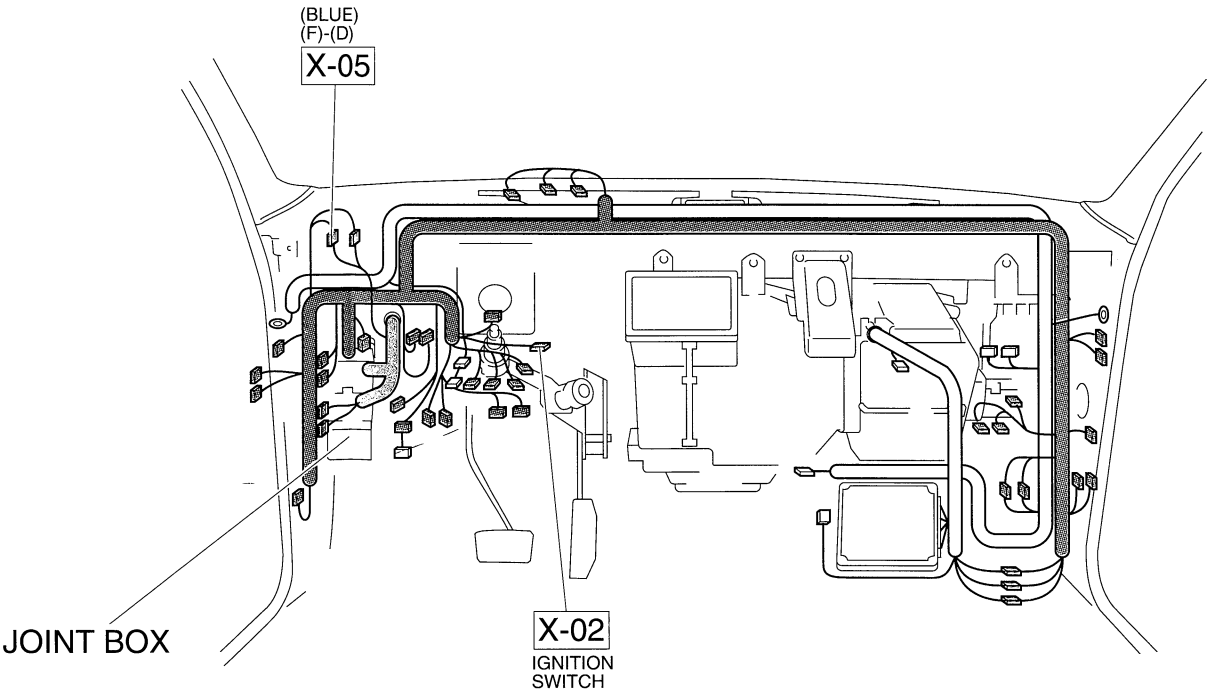
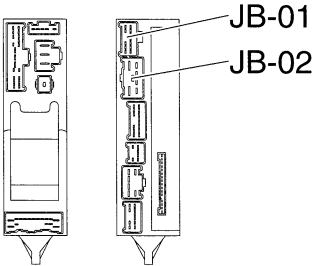
A-1



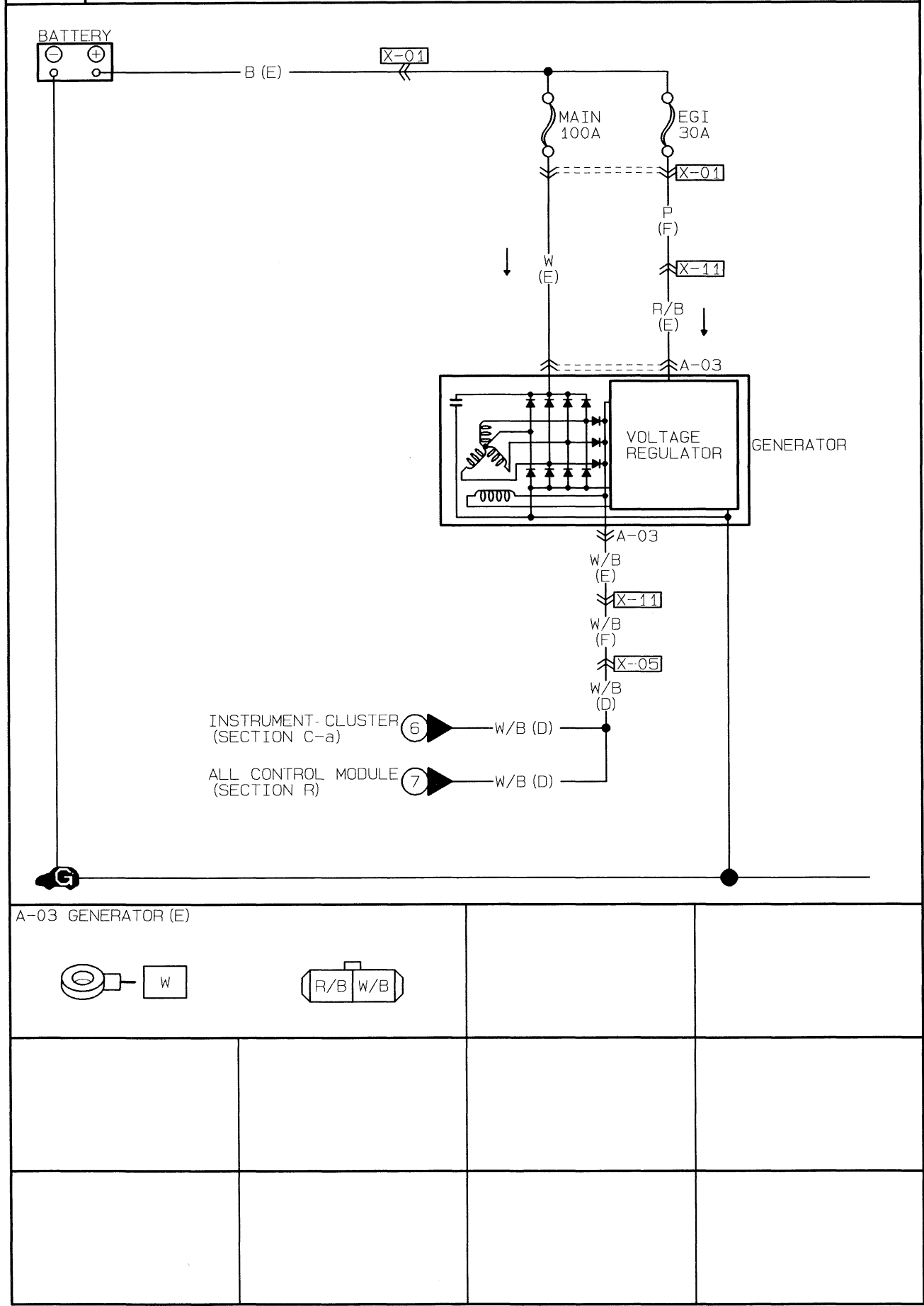
MAIN FUSE



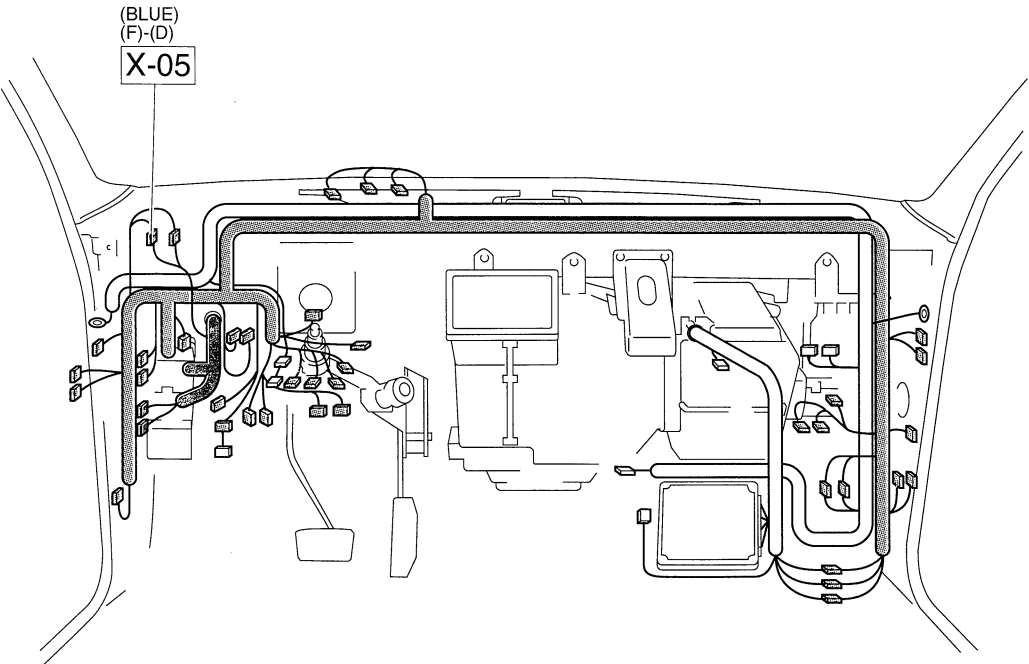
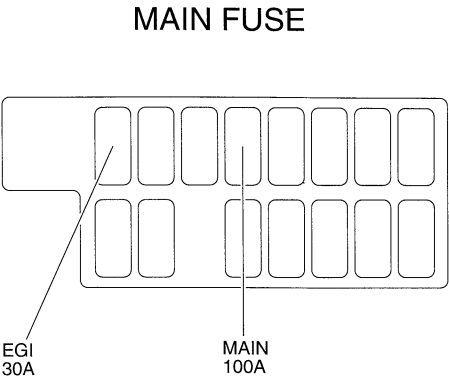
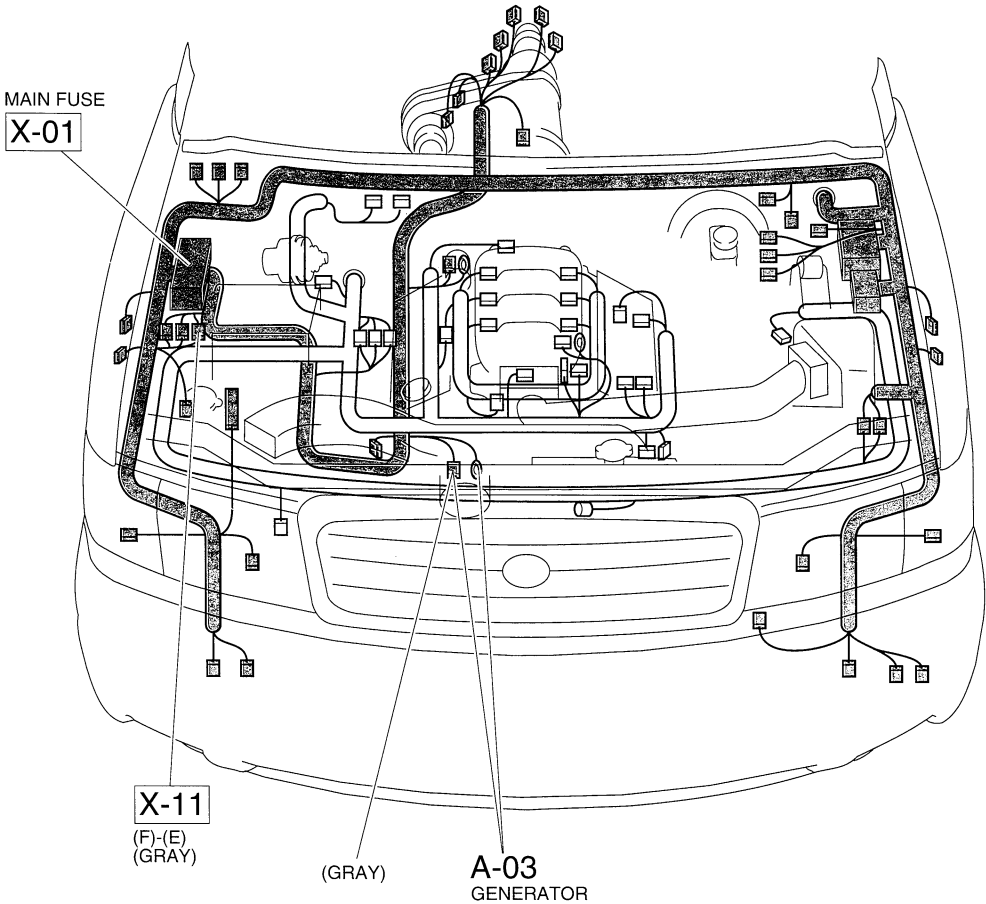
JOINT BOX



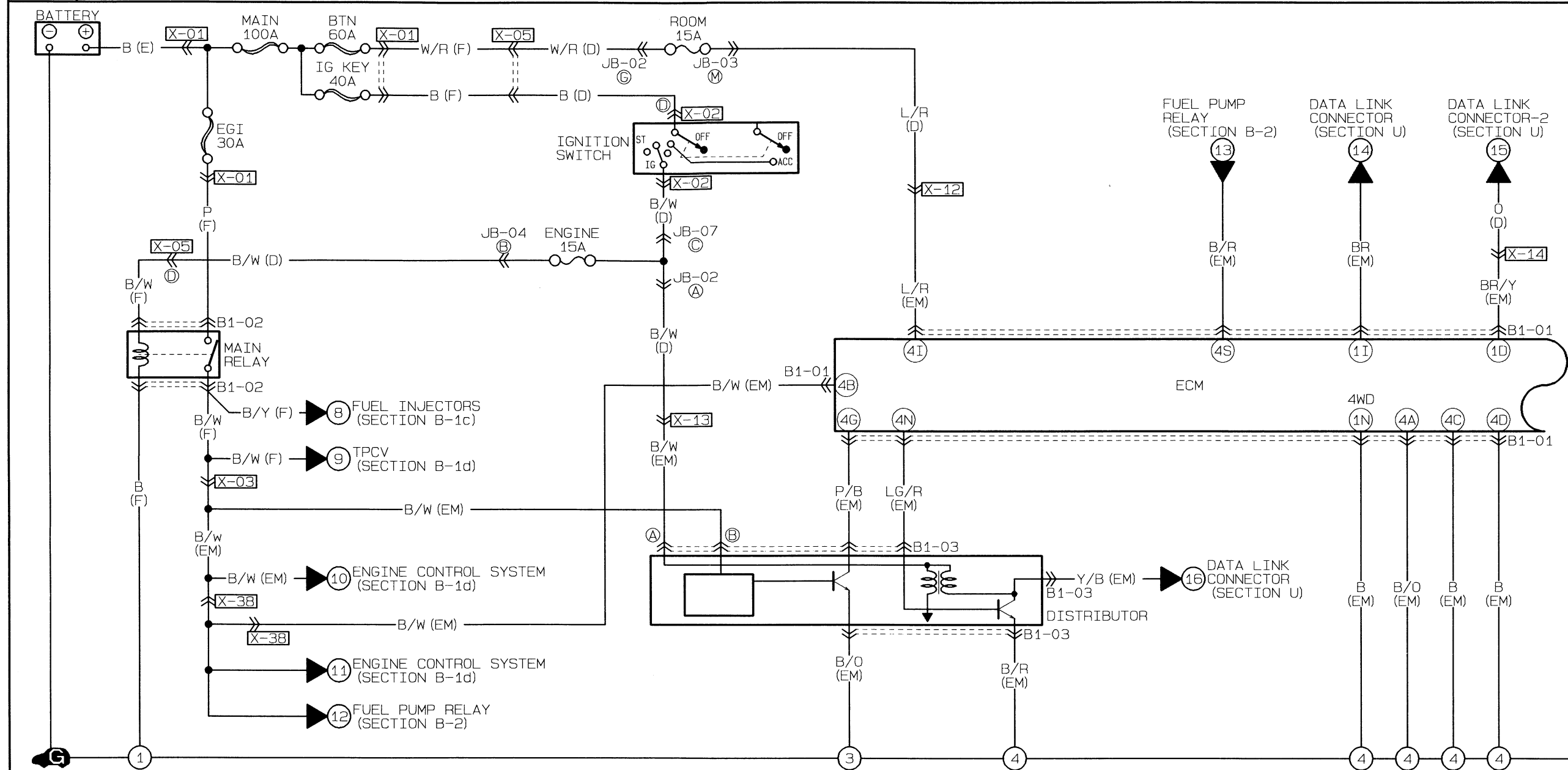
A-2 ■ CHARGING SYSTEM



A-2



B-1a ■ ENGINE CONTROL SYSTEM (1/4)



B1-01 ECM (EM)

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

2K	2I	2G	2E	2C	2A
R/L	*	B/W	*	V	*
Y	*	Y/G	*	*	*
2L	2J	2H	2F	2D	2B

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

4Y	4W	4U	4S	4Q	4O	4M	4K	4I	4G	4E	4C	4A
L	O	W/R	B/R	GY	*	*	Y/G	L/R	P/B	W	B	B/O
G	Y/R	P/B	L/O	R/Y	*	LG/R	W/G	L/B	B	*	B	B/W
4Z	4X	4V	4T	4R	4P	4N	4L	4J	4H	4F	4D	4B

B1-02 MAIN RELAY (F)

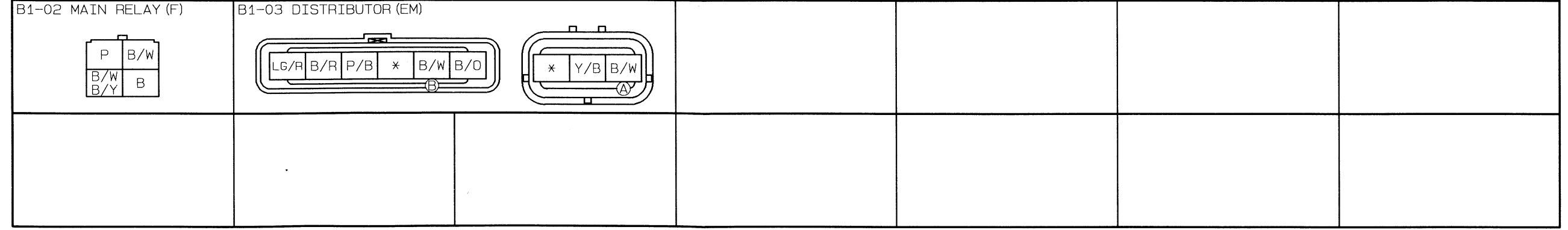
P	B/W
B/W	B

B1-03 DISTRIBUTOR (EM)

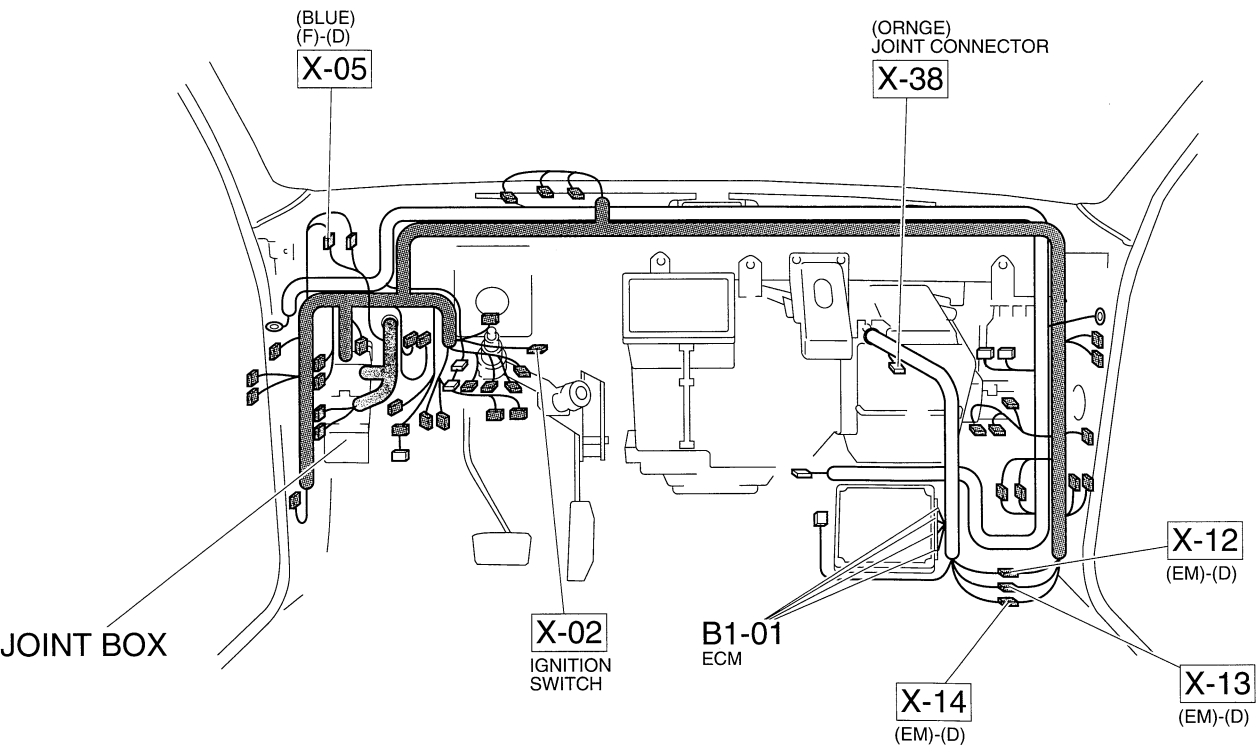
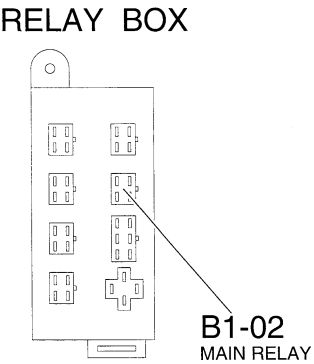
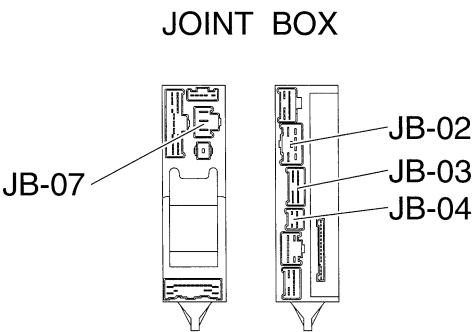
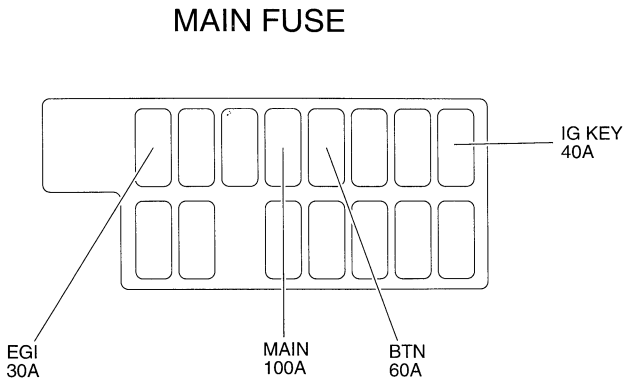
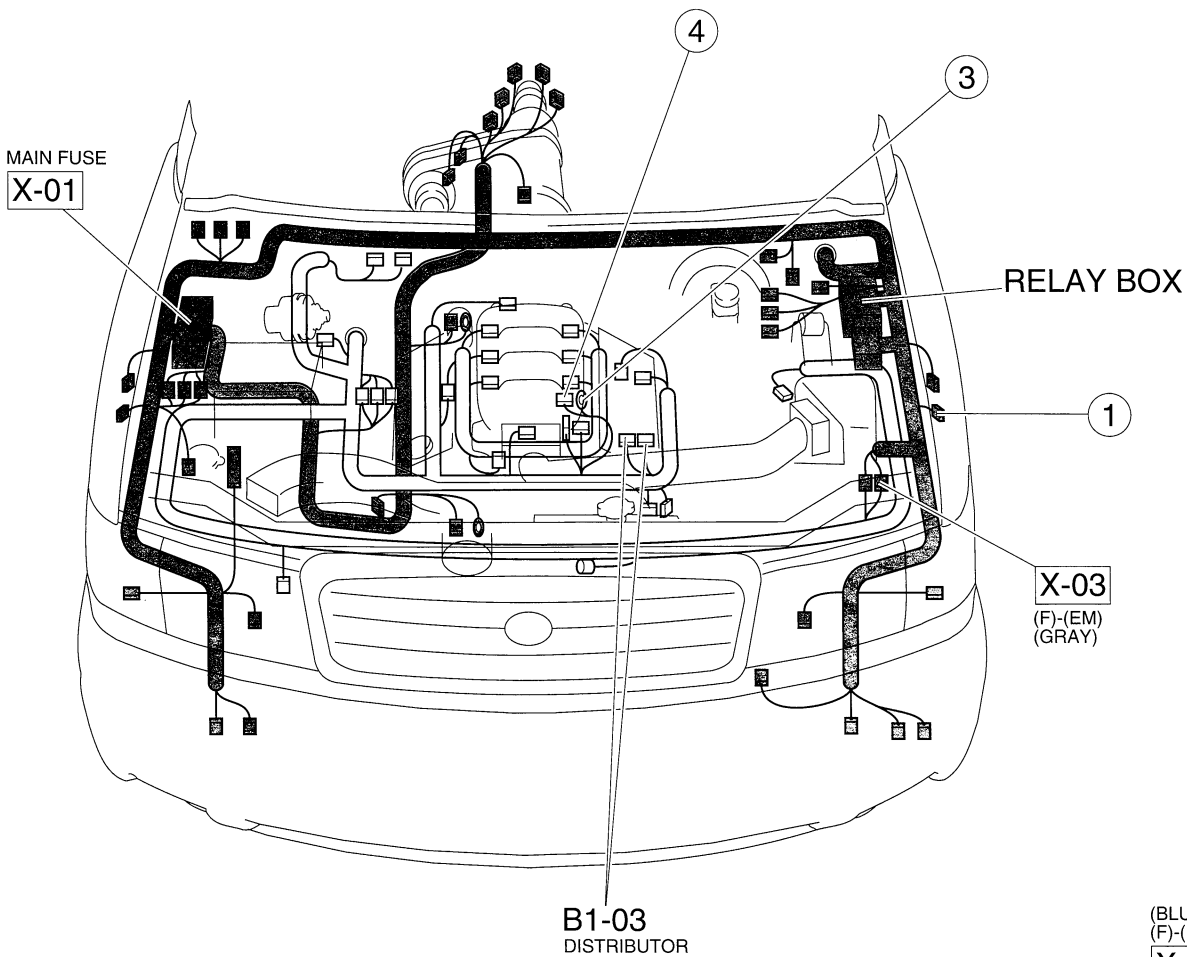
LG/R	B/R	P/B	*	B/W	B/O
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*	Y/B	B/W
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B1-01 ECM (EM)																																					
1U	1S	1Q	1O	1M	1K	1I	1G	1E	1C	1A	2K	2I	2G	2E	2C	2A	3O	3M	3K	3I	3G	3E	3C	3A	4Y	4W	4U	4S	4Q	4O	4M	4K	4I	4G	4E	4C	4A
*	*	W/G	R/B	G/R	GY	BR	R/W	P/L	G/O	*	R/L	*	B/W	*	V	*	BR/Y	G	G/O	BR/W	O	W/G	W	R	L	O	W/R	B/R	GY	*	*	Y/G	L/R	P/B	W	B	B/O
*	O	*	W	(B) *	G/Y	*	*	*	BR/Y	*	Y	*	Y/G	*	*	*	B/Y	*	G/W	*	*	R/L	*	G/B	G	Y/R	P/B	L/O	R/Y	*	LG/R	W/G	L/B	B	*	B	B/W
1V	1T	1R	1P	1N	1L	1J	1H	1F	1D	1B	2L	2J	2H	2F	2D	2B	3P	3N	3L	3J	3H	3F	3D	3B	4Z	4X	4V	4T	4R	4P	4N	4L	4J	4H	4F	4D	4B



B-1a

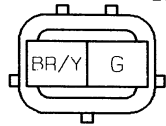




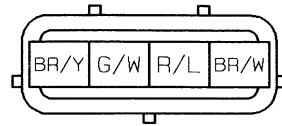
B1-01 ECM (EM)

1U	1S	1Q	1O	1M	1K	1I	1G	1E	1C	1A	2K	2I	2G	2E	2C	2A	3O	3M	3K	3I	3G	3E	3C	3A	4Y	4W	4U	4S	4Q	4O	4M	4K	4I	4G	4E	4C	4A
*	*	W/G	R/B	G/R	GY	BR	R/W	P/L	G/O	*	R/L	*	B/W	*	V	*	BR/Y	G	G/O	BR/W	O	W/G	W	R	L	O	W/R	B/R	GY	*	*	Y/G	L/R	P/B	W	B	B/O
*	O	*	W	^(B) *	G/Y	*	*	*	BR/Y	*	Y	*	Y/G	*	*	*	B/Y	*	G/W	*	*	R/L	*	G/B	G	Y/R	P/B	L/O	R/Y	*	LG/R	W/G	L/B	B	*	B	B/W
1V	1T	1R	1P	1N	1L	1J	1H	1F	1D	1B	2L	2J	2H	2F	2D	2B	3P	3N	3L	3J	3H	3F	3D	3B	4Z	4X	4V	4T	4R	4P	4N	4L	4J	4H	4F	4D	4B

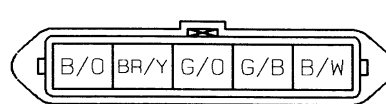
B1-04 ENGINE COOLANT TEMPERATURE SENSOR (EM)



B1-05	THROTTLE POSITION SENSOR (EM)
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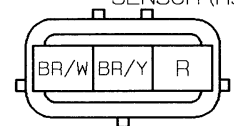
B1-06 INTAKE AIR TEMPERATURE SENSOR (EM)



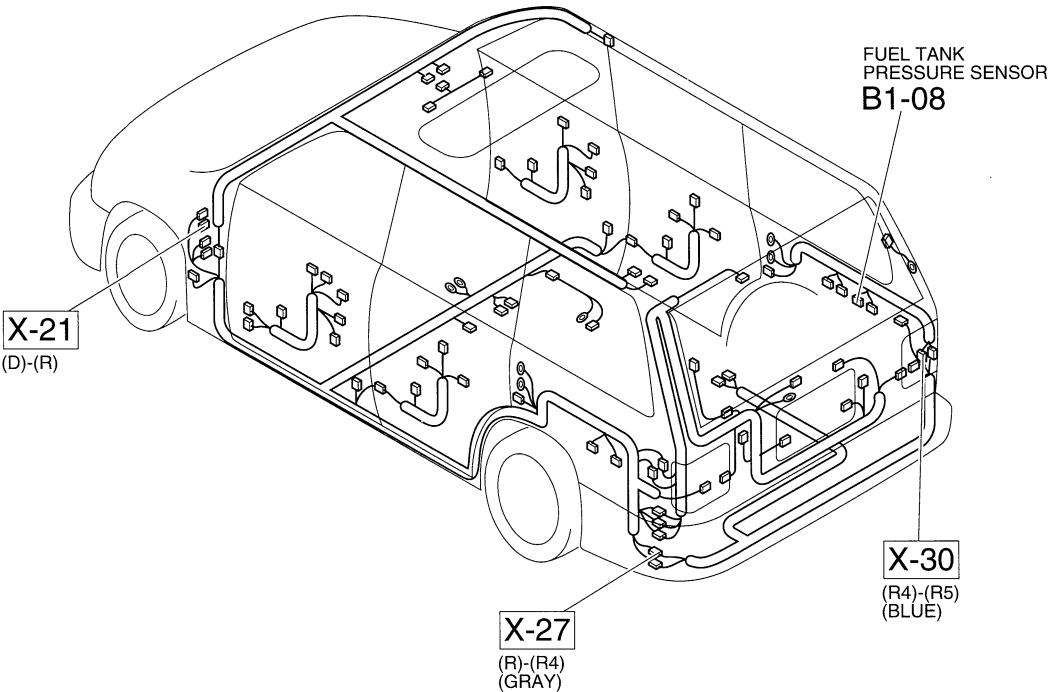
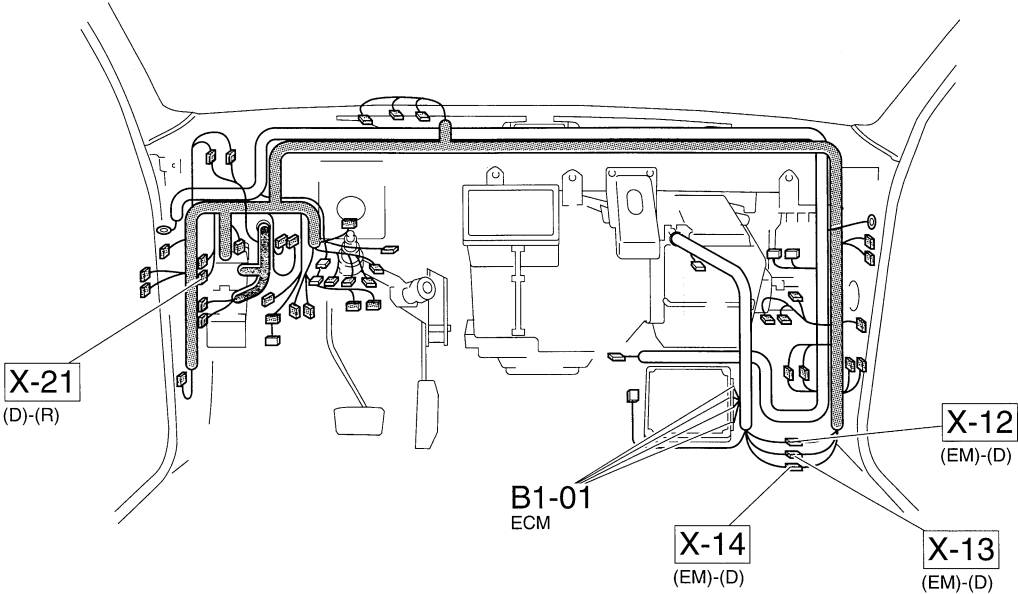
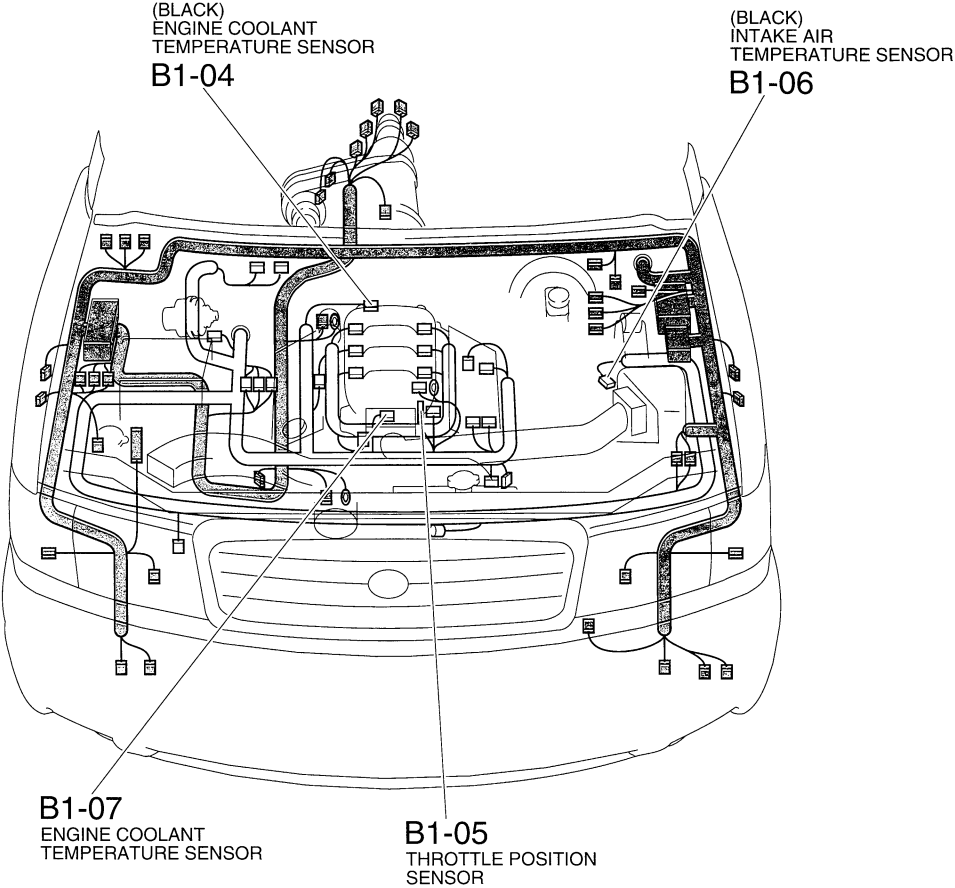
B1-07	ENGINE COOLANT TEMPERATURE SENSOR (EM)
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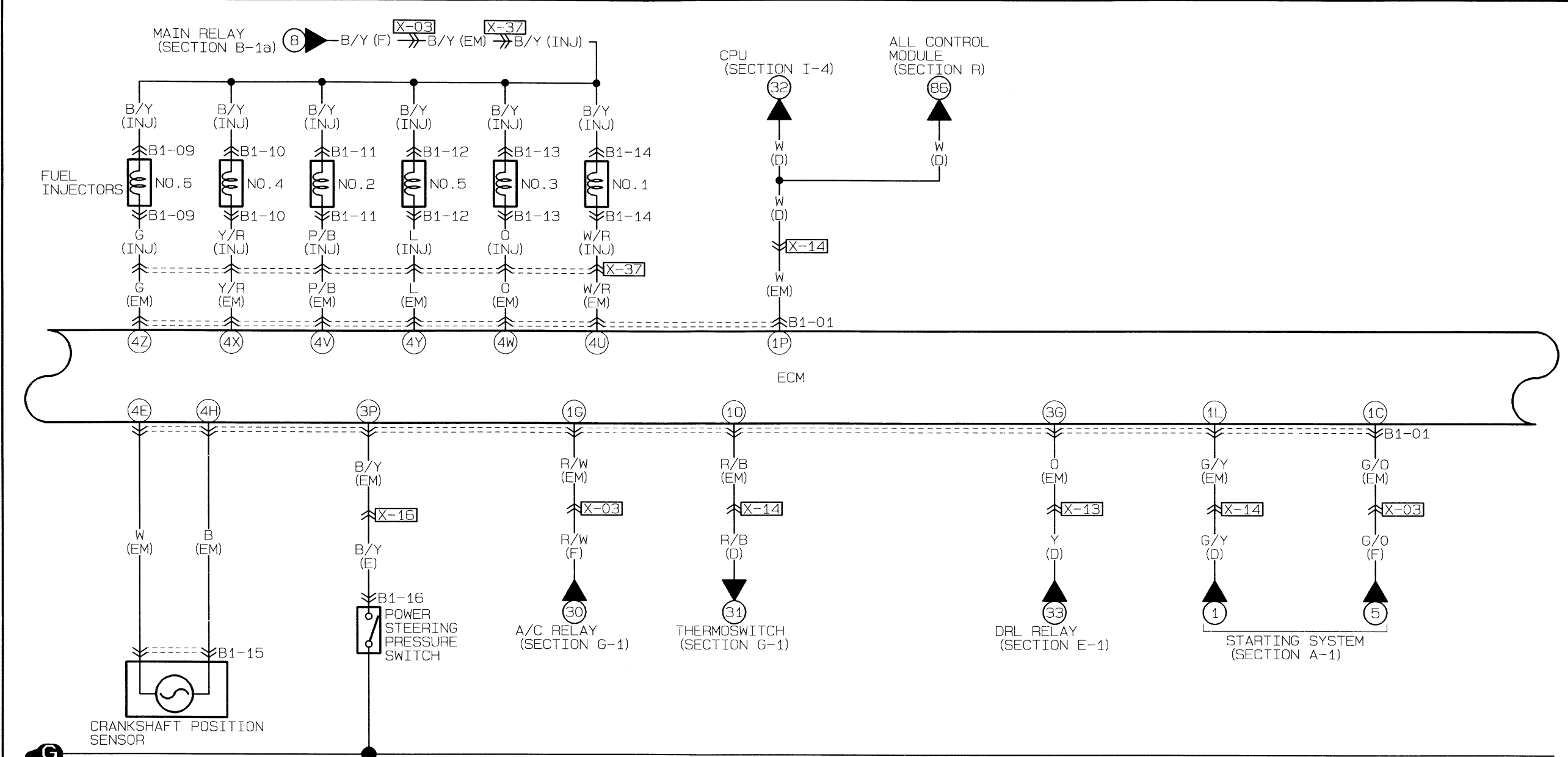
B1-08 FUEL TANK PRESSURE SENSOR (R5)



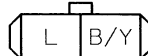
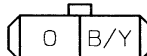
B-1b

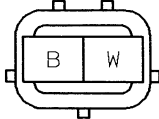
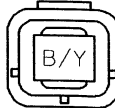


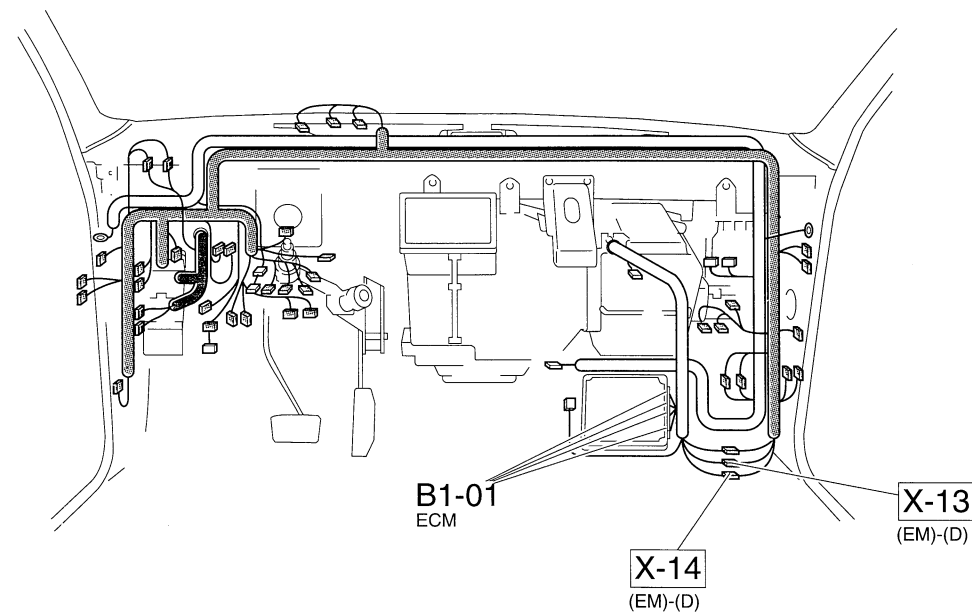
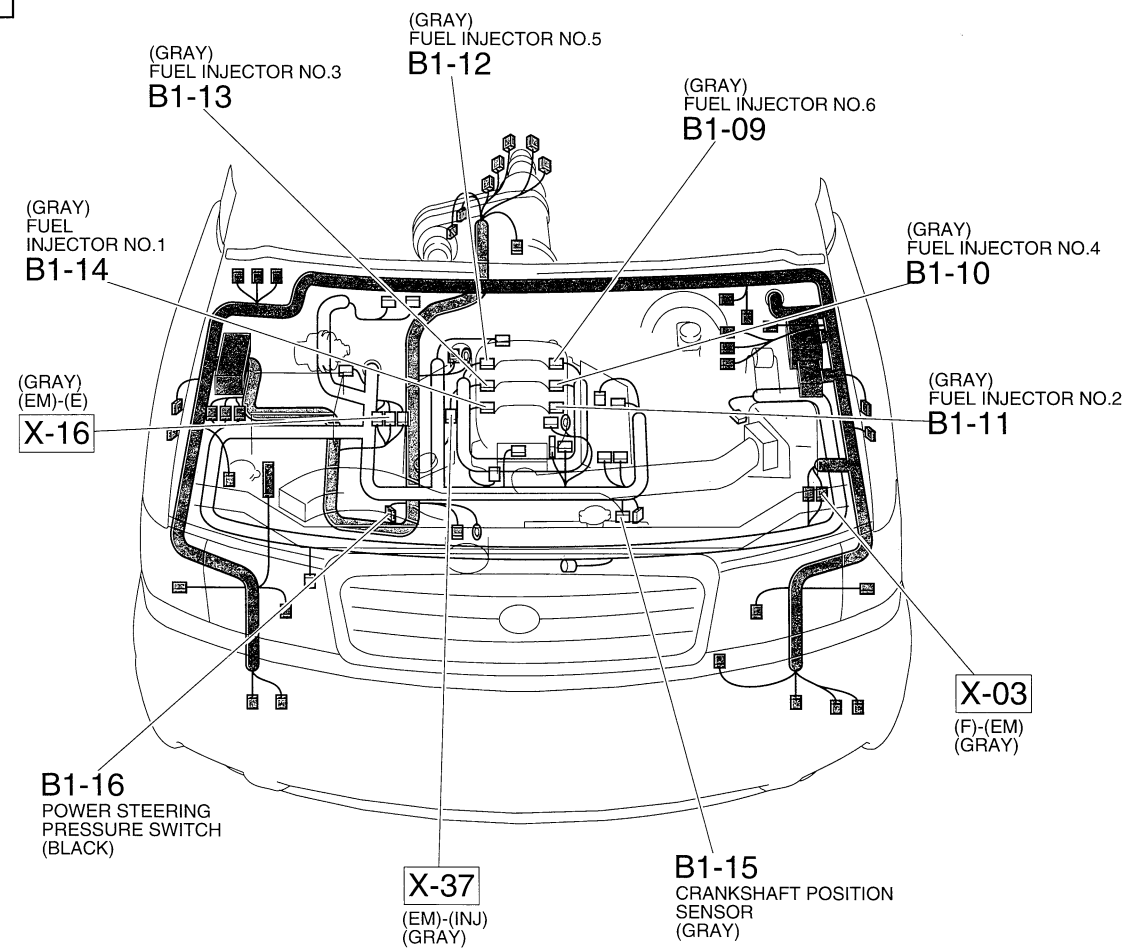
B-1c ■ ENGINE CONTROL SYSTEM (3/4)



B1-01 ECM (EM)																																							
1U	1S	1Q	1O	1M	1K	1I	1G	1E	1C	1A	2K	2I	2G	2E	2C	2A	3O	3M	3K	3I	3G	3E	3C	3A	4Y	4W	4U	4S	4Q	4O	4M	4K	4I	4G	4E	4C	4A		
*	*	W/G	R/B	G/R	GY	BR	R/W	P/L	G/O	*	R/L	*	B/W	*	V	*	BR/Y	G	G/O	BR/W	O	W/G	W	R	L	O	W/R	B/R	GY	*	*	Y/G	L/R	P/B	W	B	B/O		
*	O	*	W	(B) *	G/Y	*	*	*	BR/Y	*	Y	*	Y/G	*	*	*	B/Y	*	G/W	*	*	R/L	*	G/B	G	Y/R	P/B	L/O	R/Y	*	LG/R	W/G	L/B	B	*	B	B/W		
1V	1T	1R	1P	1N	1L	1J	1H	1F	1D	1B	2L	2J	2H	2F	2D	2B	3P	3N	3L	3J	3H	3F	3D	3B	4Z	4X	4V	4T	4R	4P	4N	4L	4J	4H	4F	4D	4B		

B1-09 FUEL INJECTOR NO.6 (INJ)	B1-10 FUEL INJECTOR NO.4 (INJ)	B1-11 FUEL INJECTOR NO.2 (INJ)	B1-12 FUEL INJECTOR NO.5 (INJ)	B1-13 FUEL INJECTOR NO.3 (INJ)	B1-14 FUEL INJECTOR NO.1 (INJ)
					

B1-15 CRANKSHAFT POSITION SENSOR (EM)	B1-16 POWER STEERING PRESSURE SWITCH (E)
	

B-1c

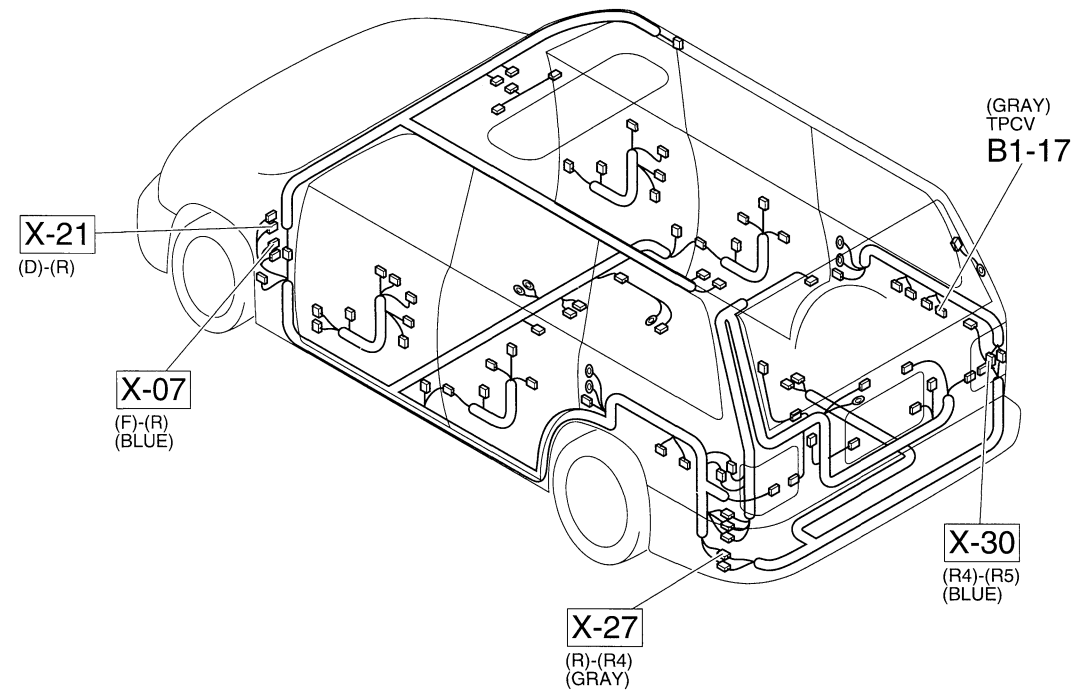
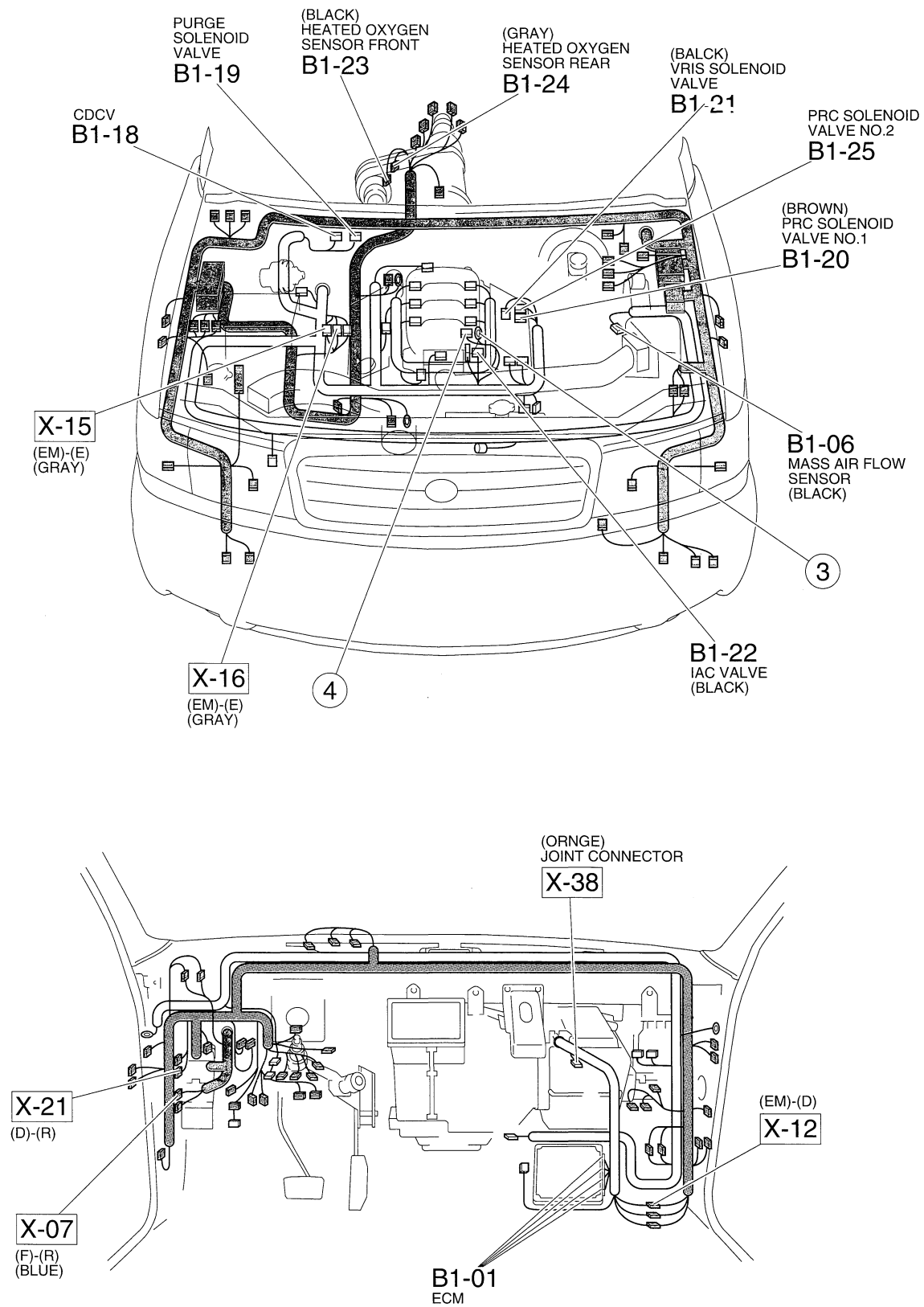
Z



Z



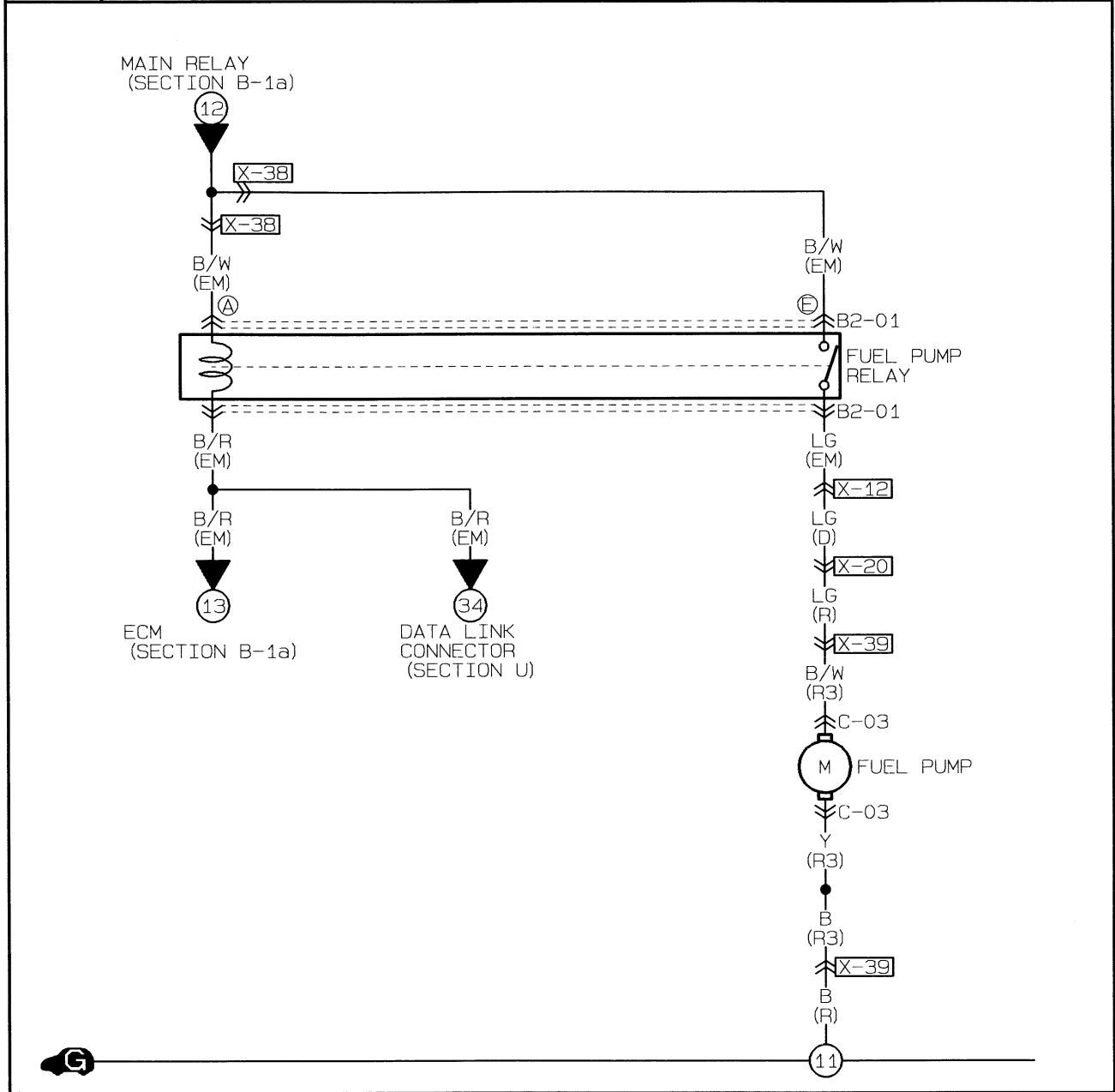
B-1d



B-2

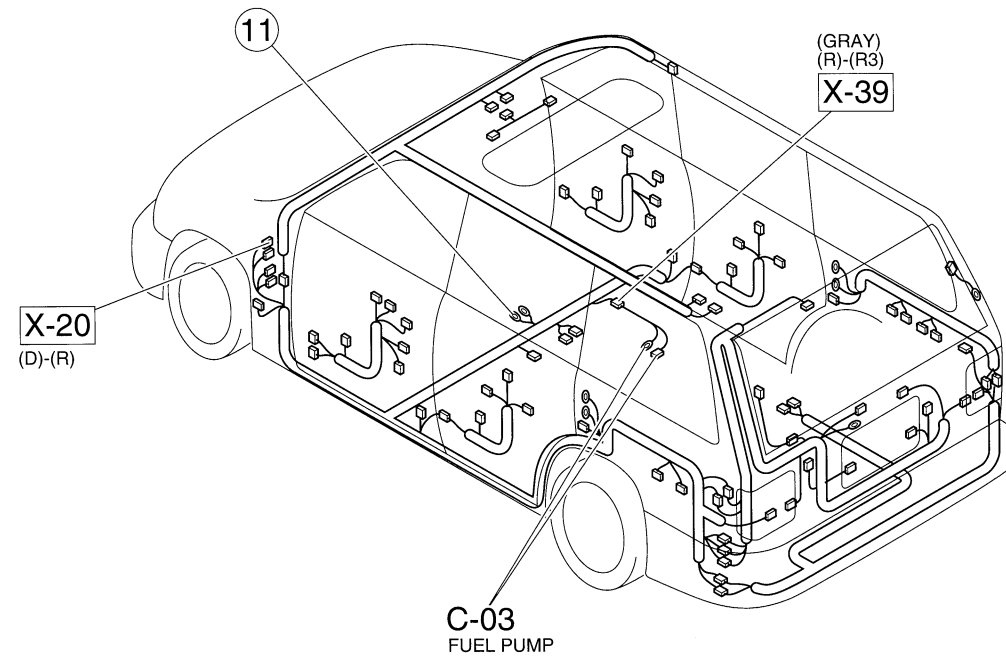
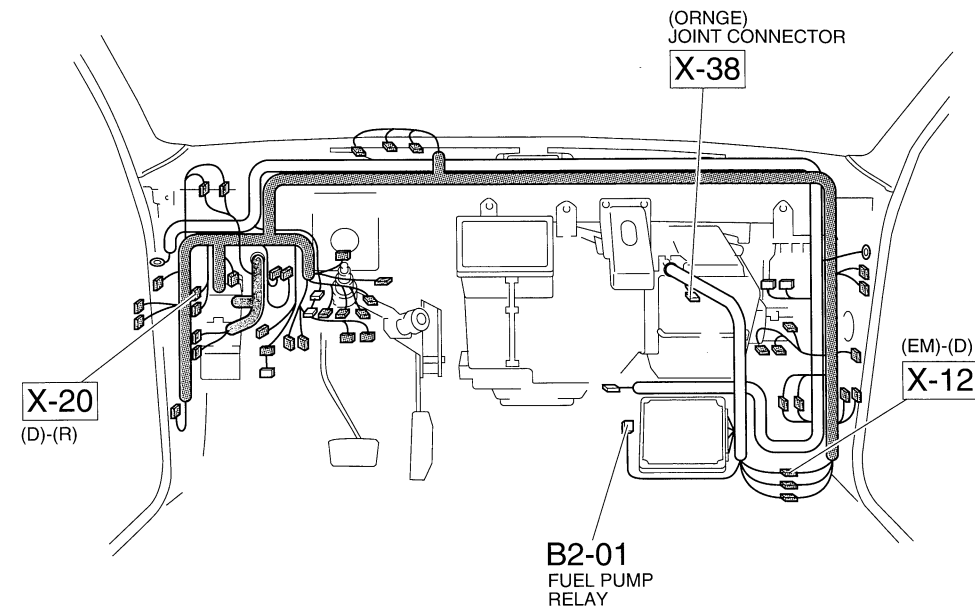
■ FUEL CONTROL SYSTEM

() ... 4WD



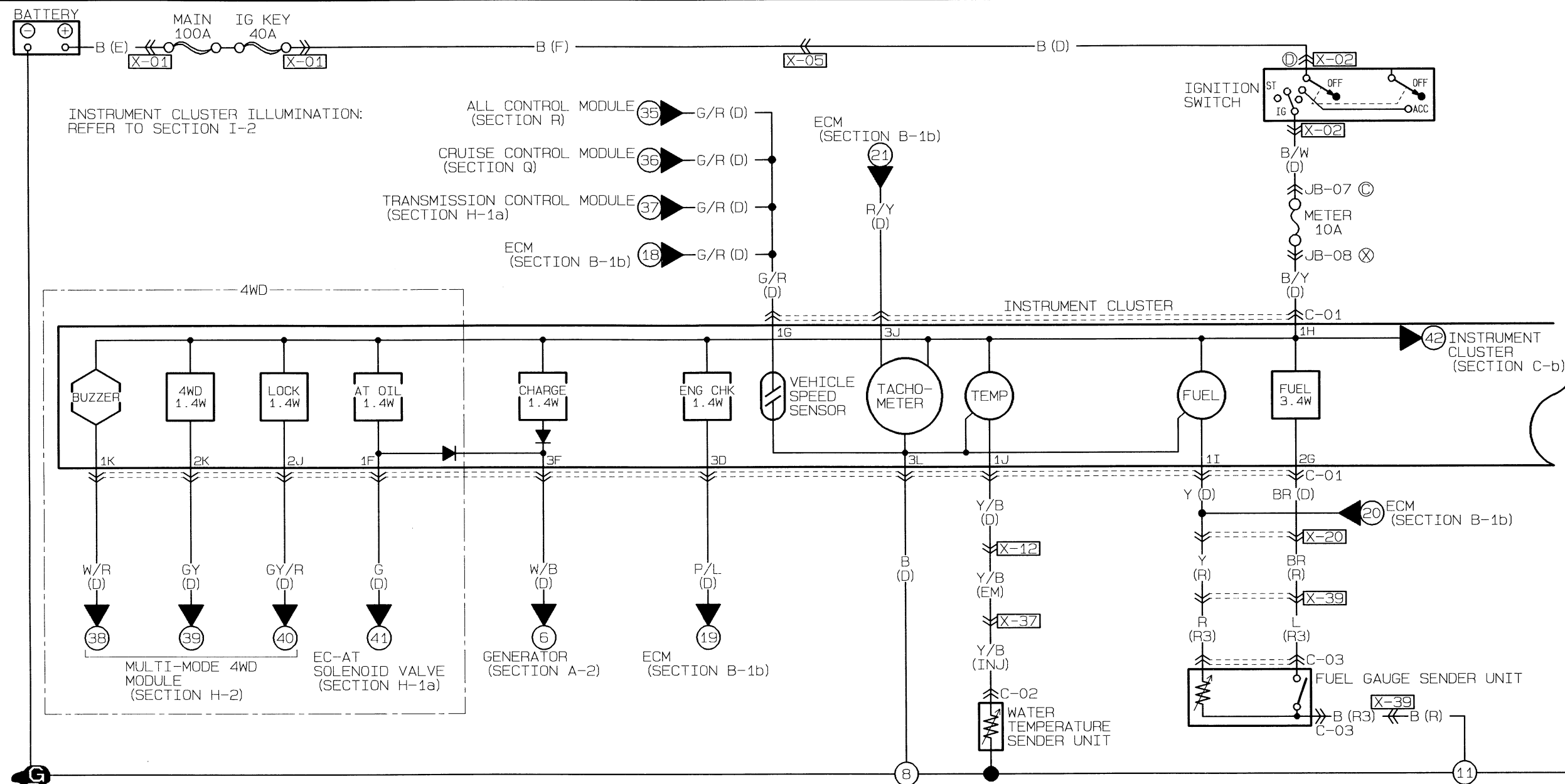
B2-01 FUEL PUMP RELAY (EM)		C-03 FUEL PUMP (R3)	
Ⓔ B/W LG B/W Ⓐ * * B/R		B (L) R B/W (R) L  Y	

B-2

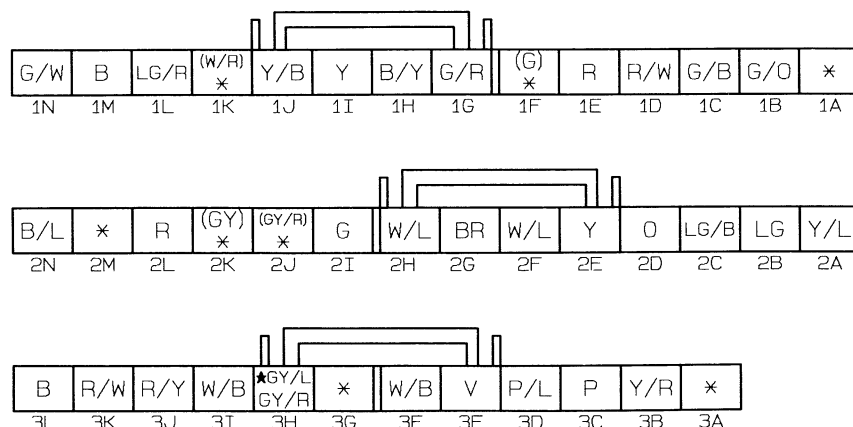


C-a ■ INSTRUMENT CLUSTER (1/3)

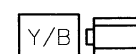
() ... 4WD
★ ... CANADA



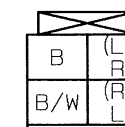
C-01 INSTRUMENT CLUSTER (D)



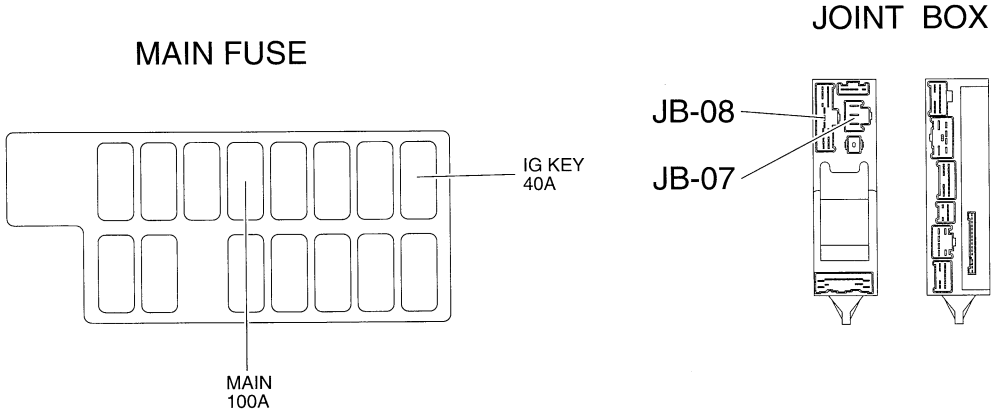
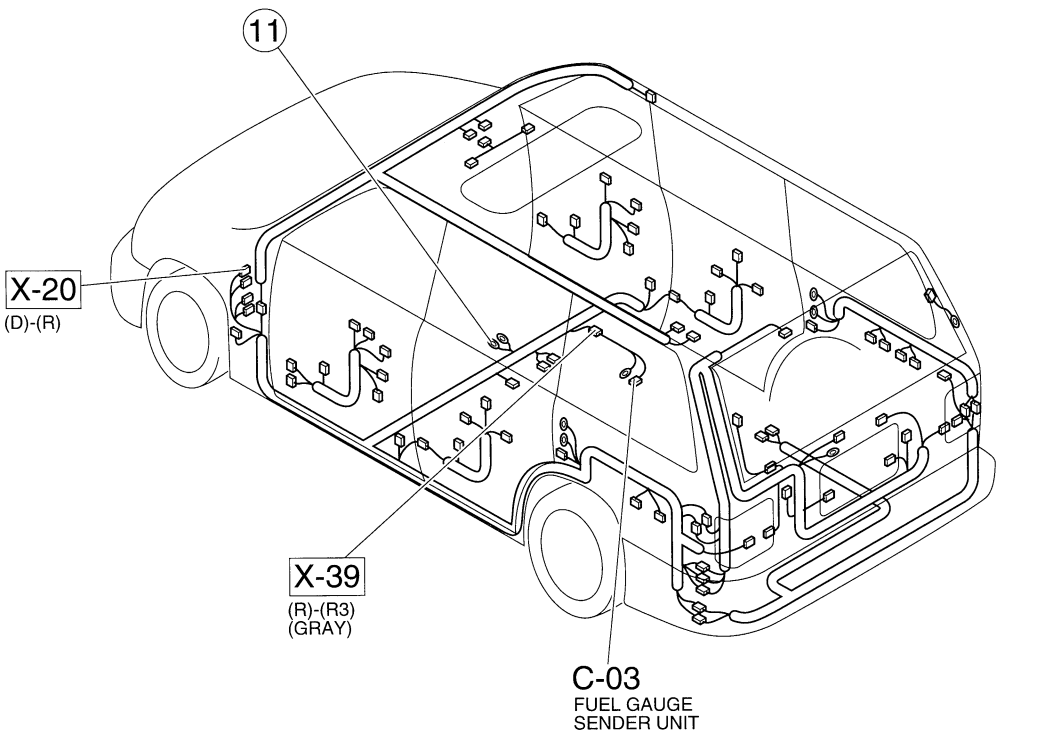
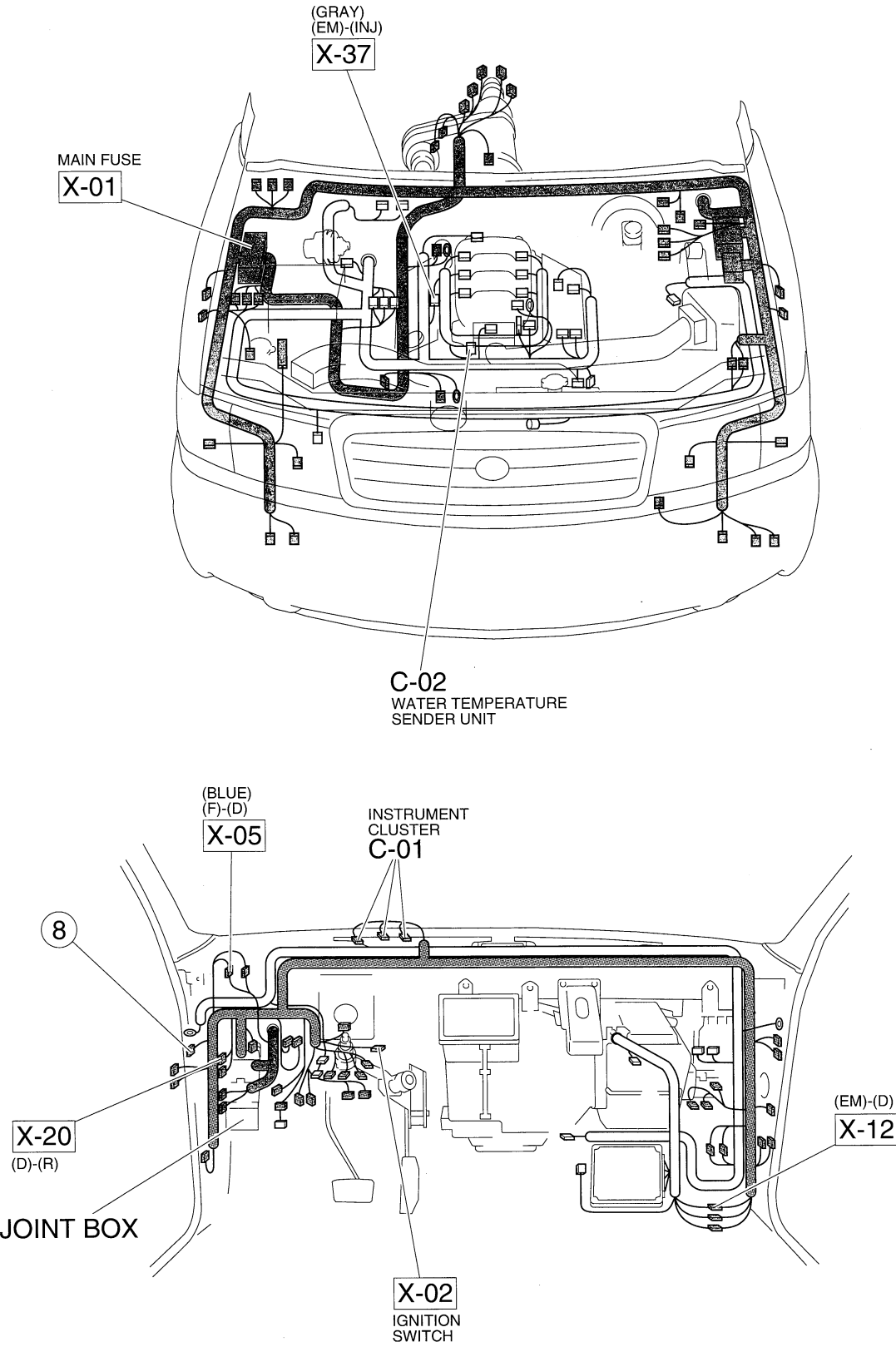
C-02 WATER TEMPERATURE SENDER UNIT (INJ)



C-03 FUEL GAUGE SENDER UNIT (R3)



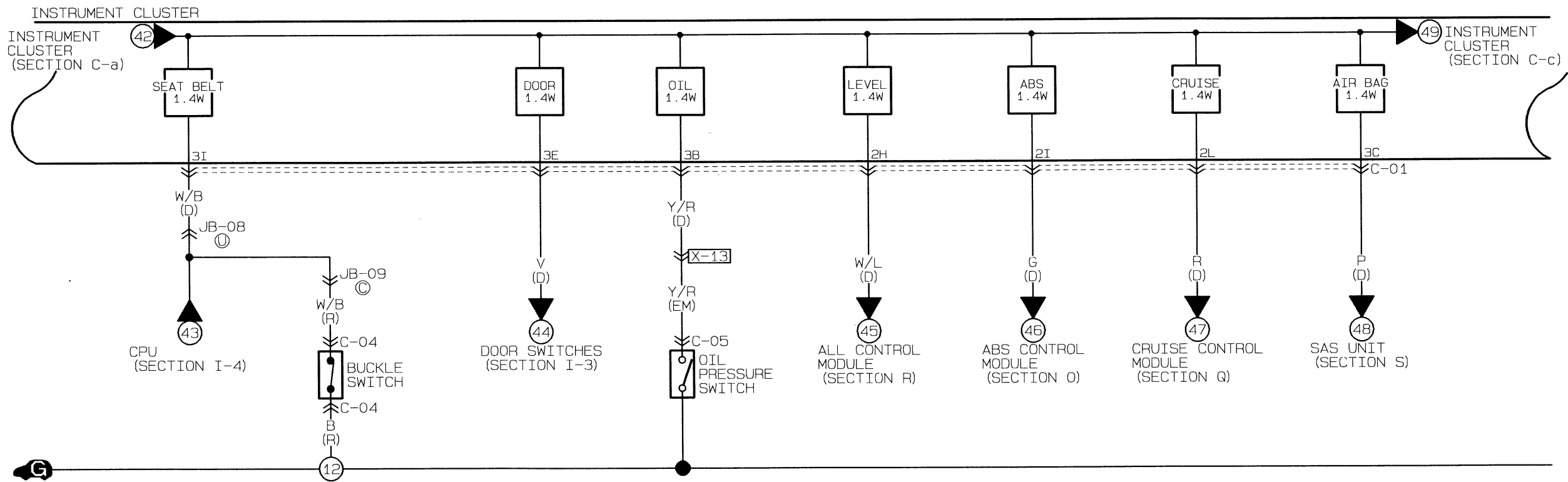
C-a



C-b ■ INSTRUMENT CLUSTER (2/3)

() ... 4WD
★ ... CANADA

INSTRUMENT CLUSTER ILLUMINATION:
REFER TO SECTION I-2



C-01 INSTRUMENT CLUSTER (D)

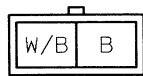
C-04 BUCKLE SWITCH (R)

C-05 OIL PRESSURE SWITCH (EM)

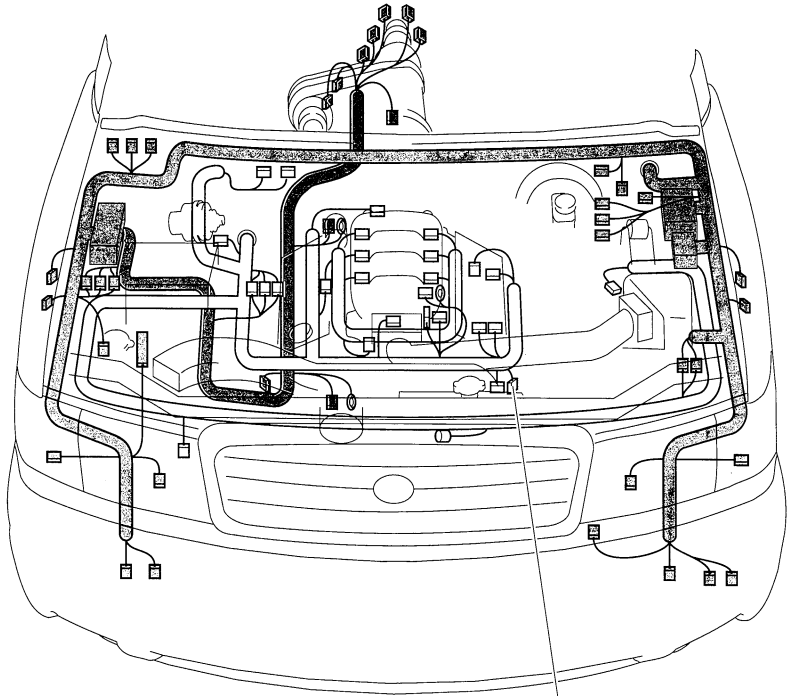
G/W	B	LG/R	(W/R) *	Y/B	Y	B/Y	G/R	(G) *	R	R/W	G/B	G/O	*
1N	1M	1L	1K	1J	1I	1H	1G	1F	1E	1D	1C	1B	1A

B/L	*	R	(GY) *	(GY/R) *	G	W/L	BR	W/L	Y	O	LG/B	LG	Y/L
2N	2M	2L	2K	2J	2I	2H	2G	2F	2E	2D	2C	2B	2A

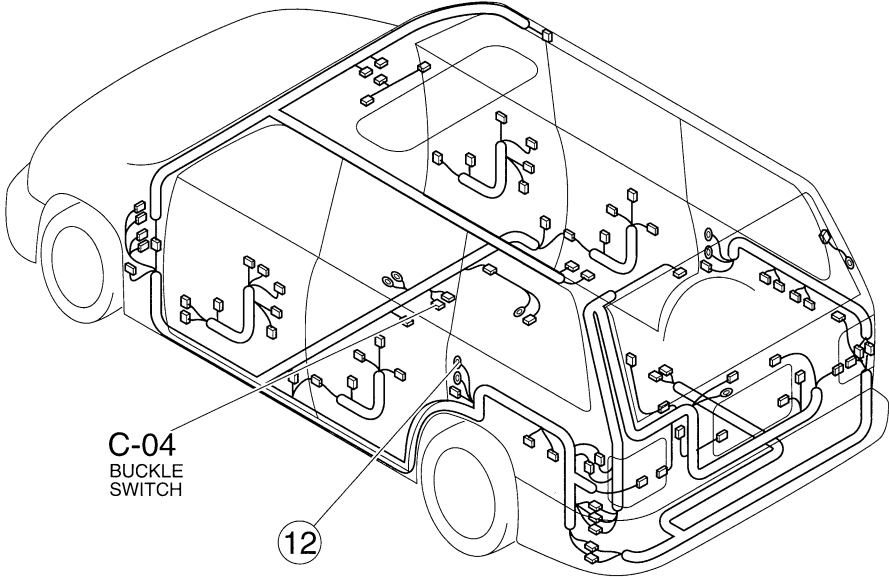
B	R/W	R/Y	W/B	GY/L GY/R	*	W/B	V	P/L	P	Y/R	*
3L	3K	3J	3I	3H	3G	3F	3E	3D	3C	3B	3A



C-b

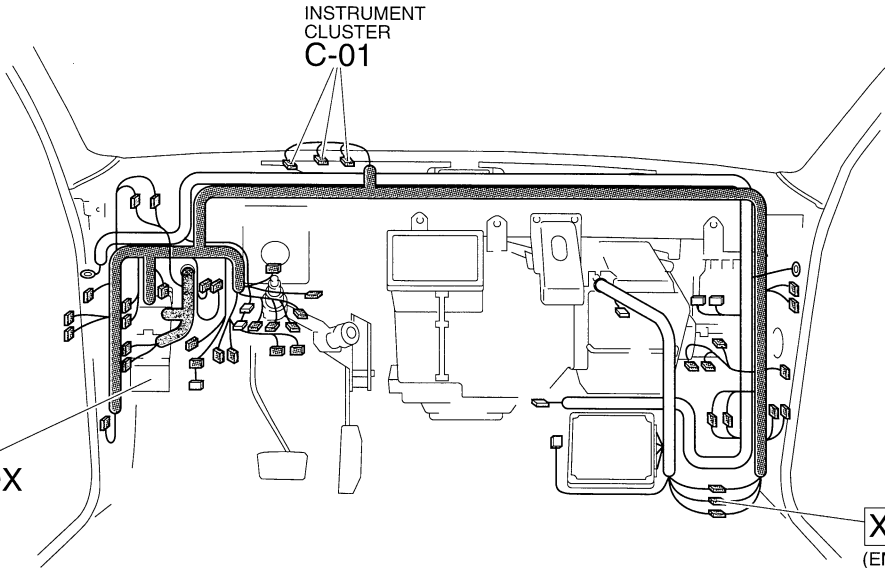


C-05
OIL PRESSURE
SWITCH
(BLACK)



C-04
BUCKLE
SWITCH

12



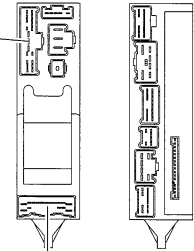
INSTRUMENT
CLUSTER
C-01

JOINT BOX

X-13
(EM)-(D)

JOINT BOX

JB-08

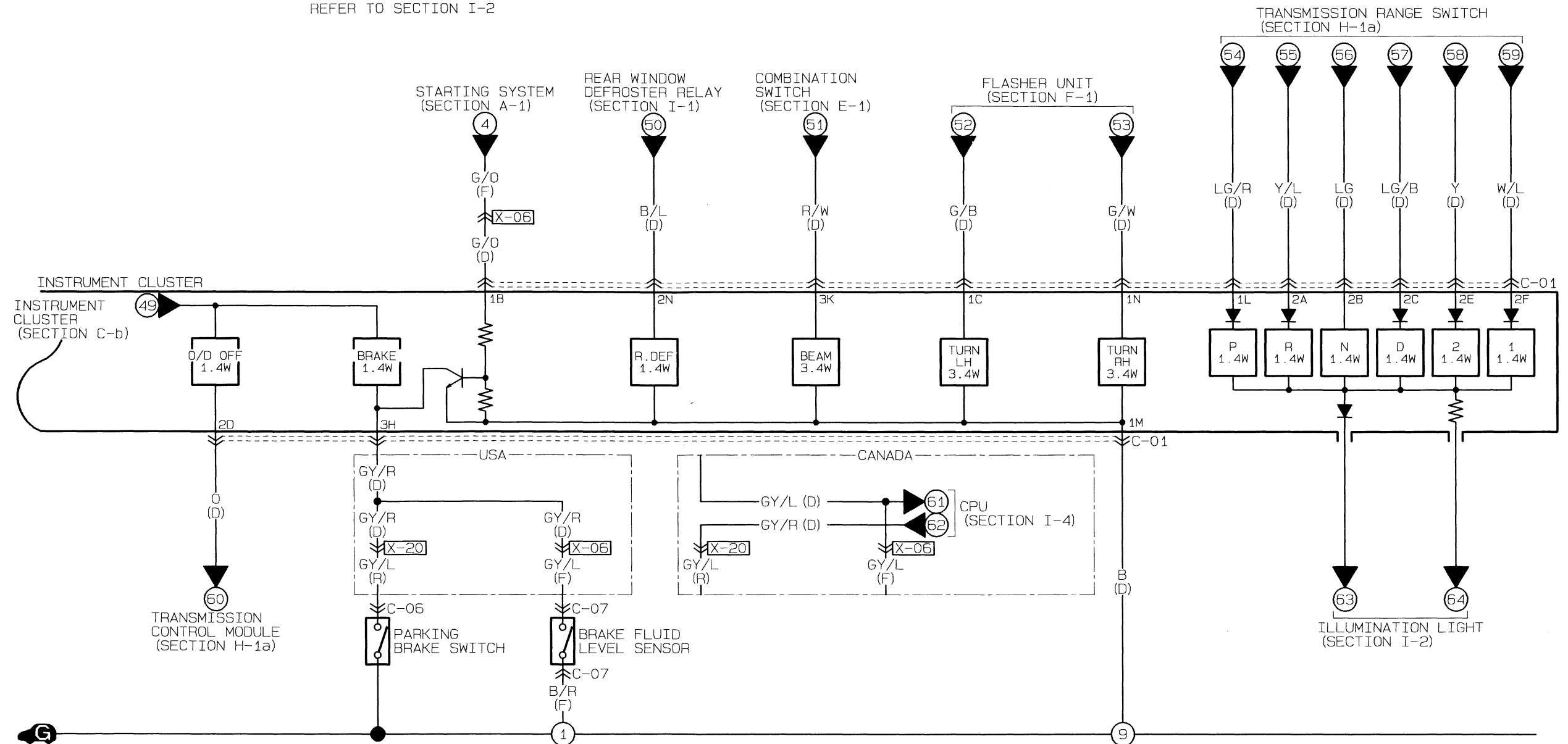


JB-09

C-c ■ INSTRUMENT CLUSTER (3/3)

() ... 4WD
★ ... CANADA

INSTRUMENT CLUSTER ILLUMINATION:
REFER TO SECTION I-2



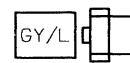
C-01 INSTRUMENT CLUSTER (D)

G/W	B	LG/R	(W/R)	Y/B	Y	B/Y	G/R	(G)	R	R/W	G/B	G/O	*
1N	1M	1L	1K	1J	1I	1H	1G	1F	1E	1D	1C	1B	1A

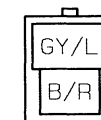
B/L	*	R	(GY)	(GY/R)	G	W/L	BR	W/L	Y	O	LG/B	LG	Y/L
2N	2M	2L	2K	2J	2I	2H	2G	2F	2E	2D	2C	2B	2A

B	R/W	R/Y	W/B	*GY/L	*GY/R	W/B	V	P/L	P	Y/R	*
3L	3K	3J	3I	3H	3G	3F	3E	3D	3C	3B	3A

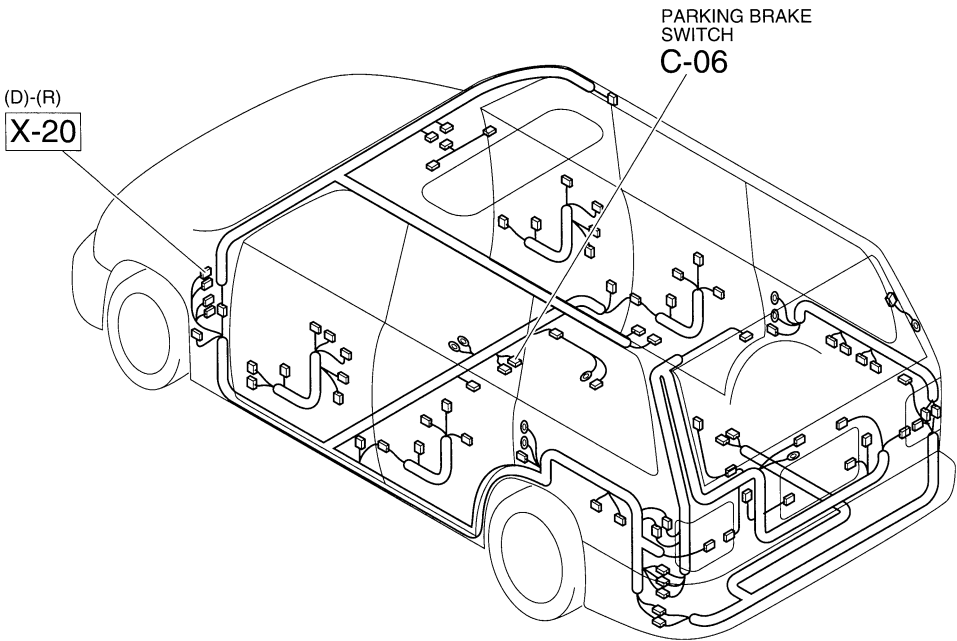
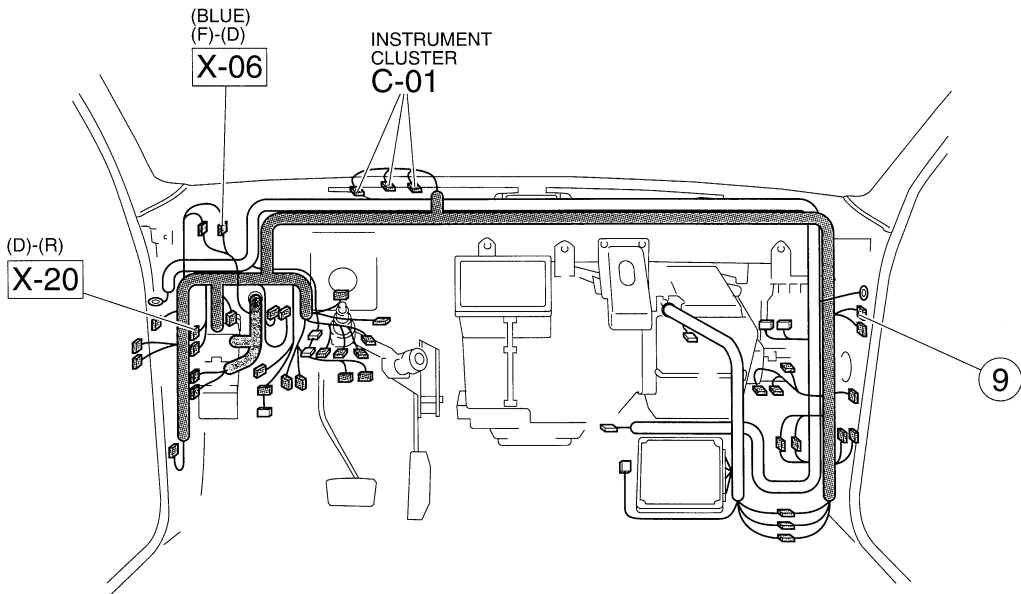
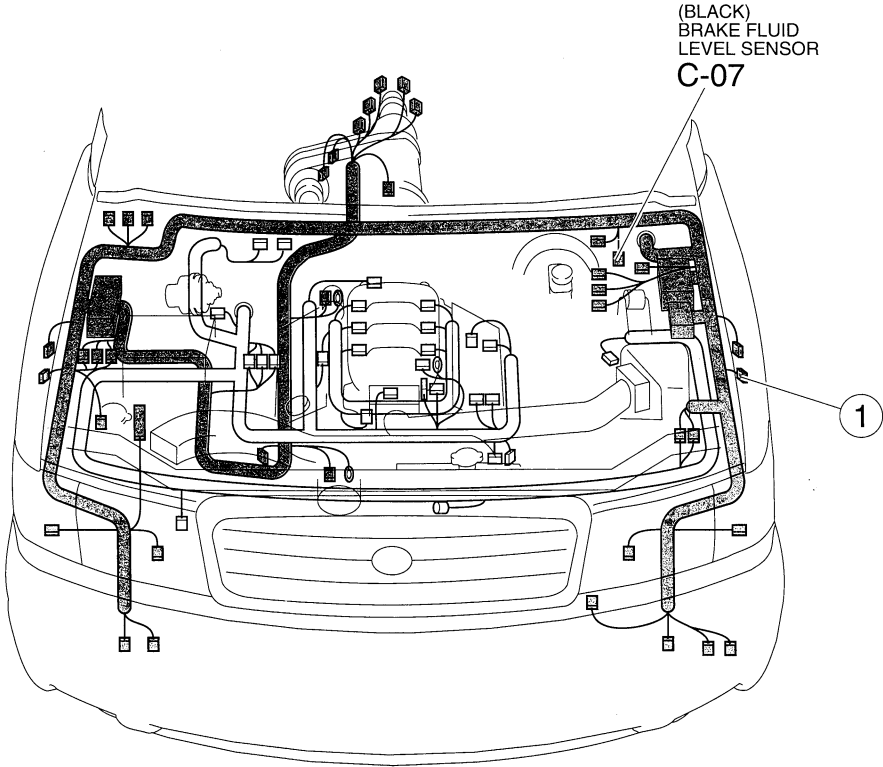
C-06 PARKING BRAKE SWITCH (R)



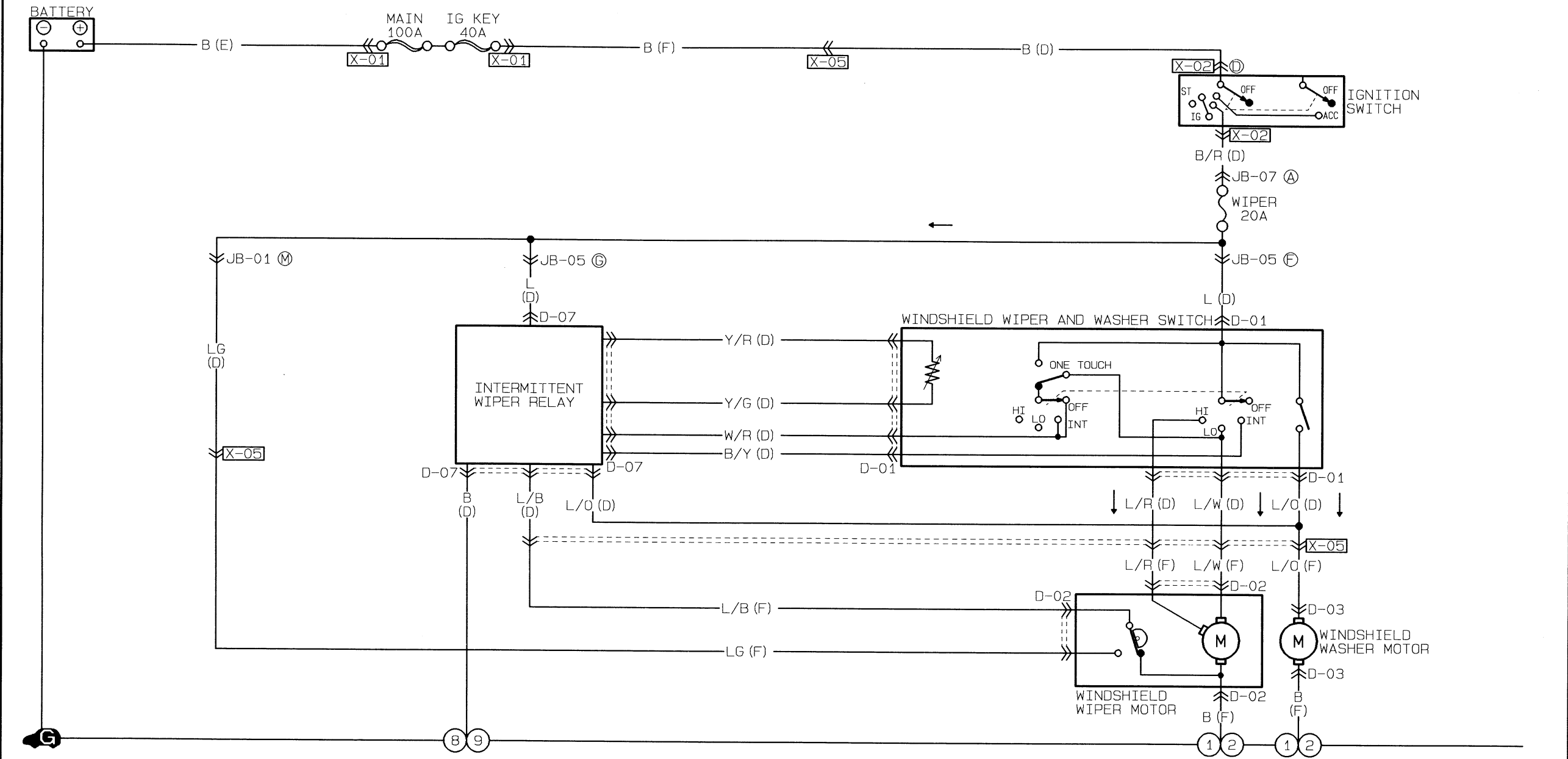
C-07 BRAKE FLUID LEVEL SENSOR (F)



C-c

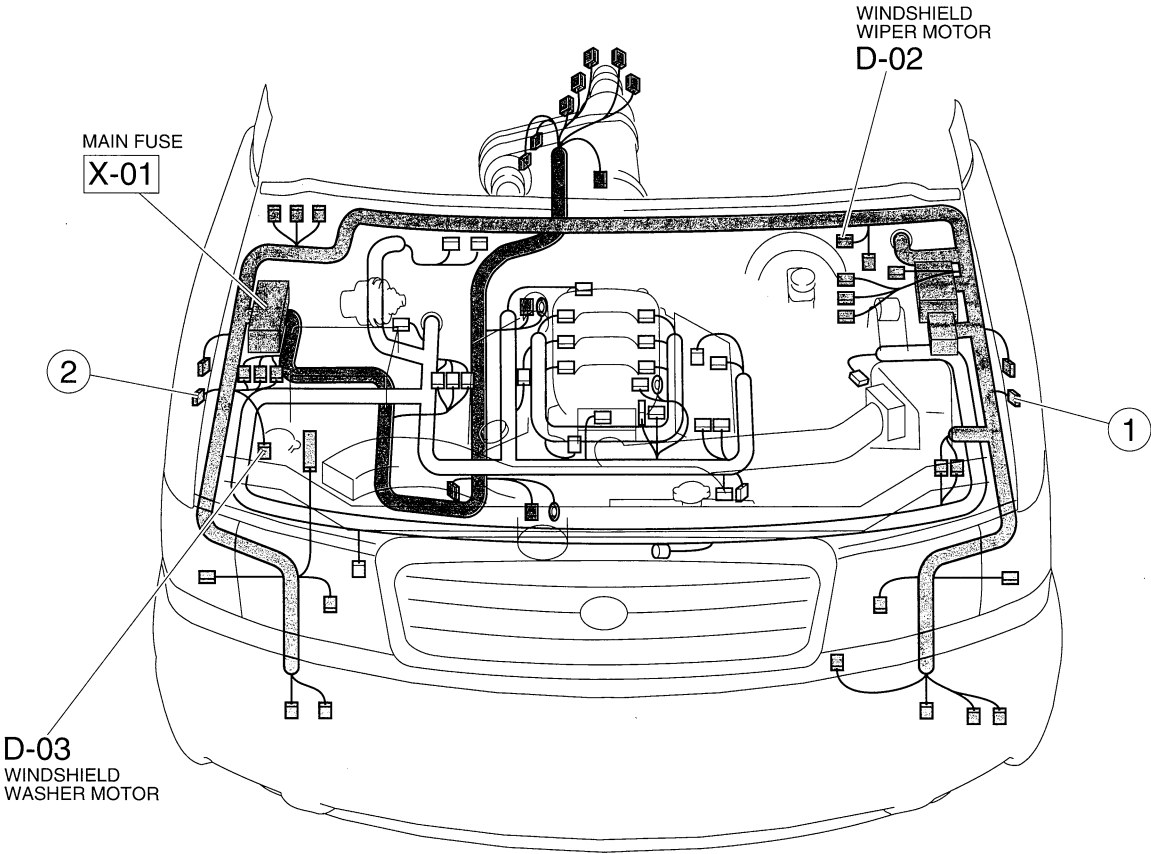


D-1 ■ WINDSHIELD WIPER AND WASHER

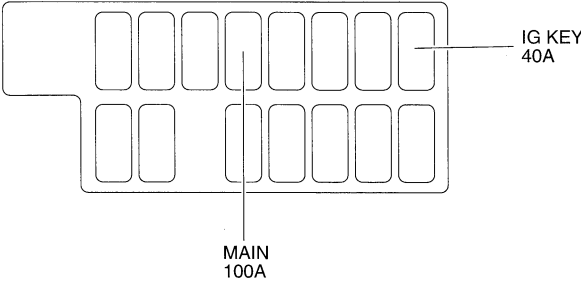


D-01 WINDSHIELD WIPER AND WASHER SWITCH (D)	D-02 WINDSHIELD WIPER MOTOR (F)	D-03 WINDSHIELD WASHER MOTOR (F)	D-07 INTERMITTENT WIPER RELAY (D)																											
<table><tr><td>Y/R</td><td></td><td>L/W</td><td>L</td></tr><tr><td>Y/G</td><td>B/Y</td><td>L/D</td><td>W/R</td><td>L/R</td></tr></table>	Y/R		L/W	L	Y/G	B/Y	L/D	W/R	L/R	<table><tr><td>B</td><td>L/W</td><td>L/R</td></tr><tr><td>*</td><td>LG</td><td>L/B</td></tr></table>	B	L/W	L/R	*	LG	L/B	<table><tr><td>B</td></tr><tr><td>L/O</td></tr></table>	B	L/O	<table><tr><td>B</td><td>Y/R</td><td>B/Y</td><td>L/B</td></tr><tr><td>Y/G</td><td>W/R</td><td>L</td><td>L/O</td></tr></table>	B	Y/R	B/Y	L/B	Y/G	W/R	L	L/O		
Y/R		L/W	L																											
Y/G	B/Y	L/D	W/R	L/R																										
B	L/W	L/R																												
*	LG	L/B																												
B																														
L/O																														
B	Y/R	B/Y	L/B																											
Y/G	W/R	L	L/O																											

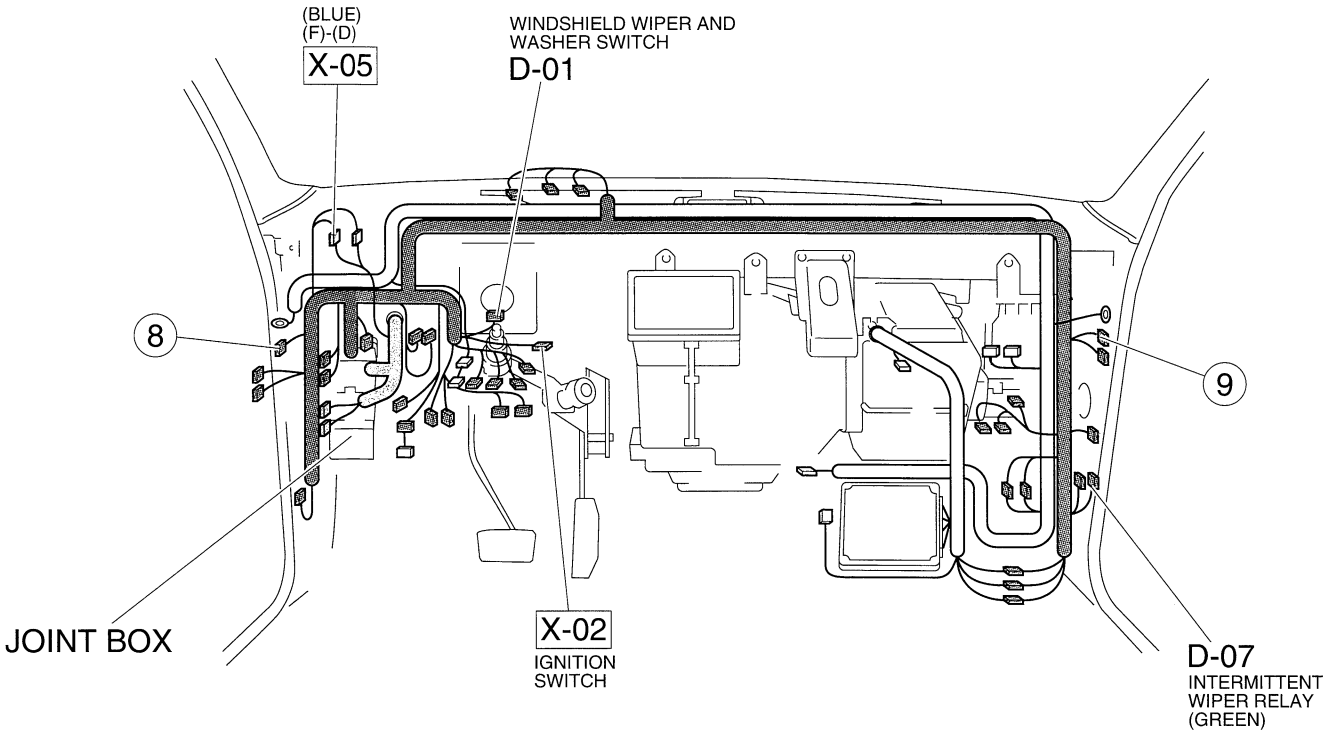
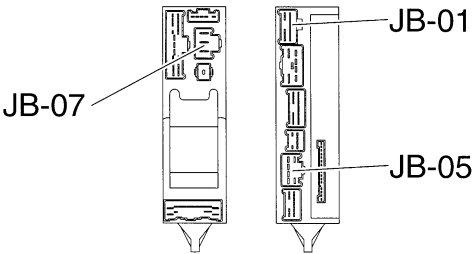
D-1



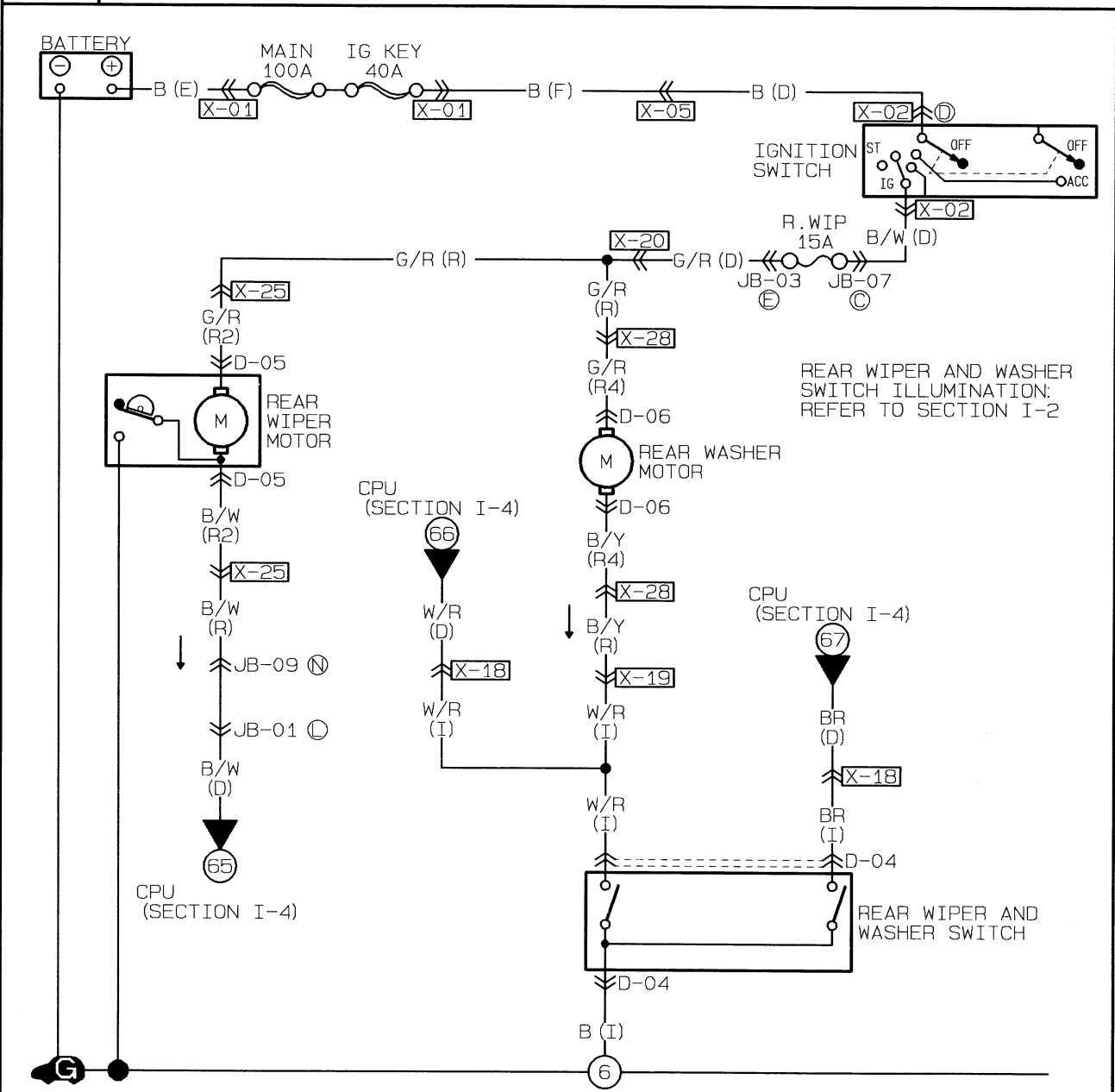
MAIN FUSE

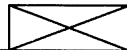
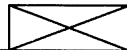
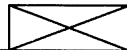


JOINT BOX

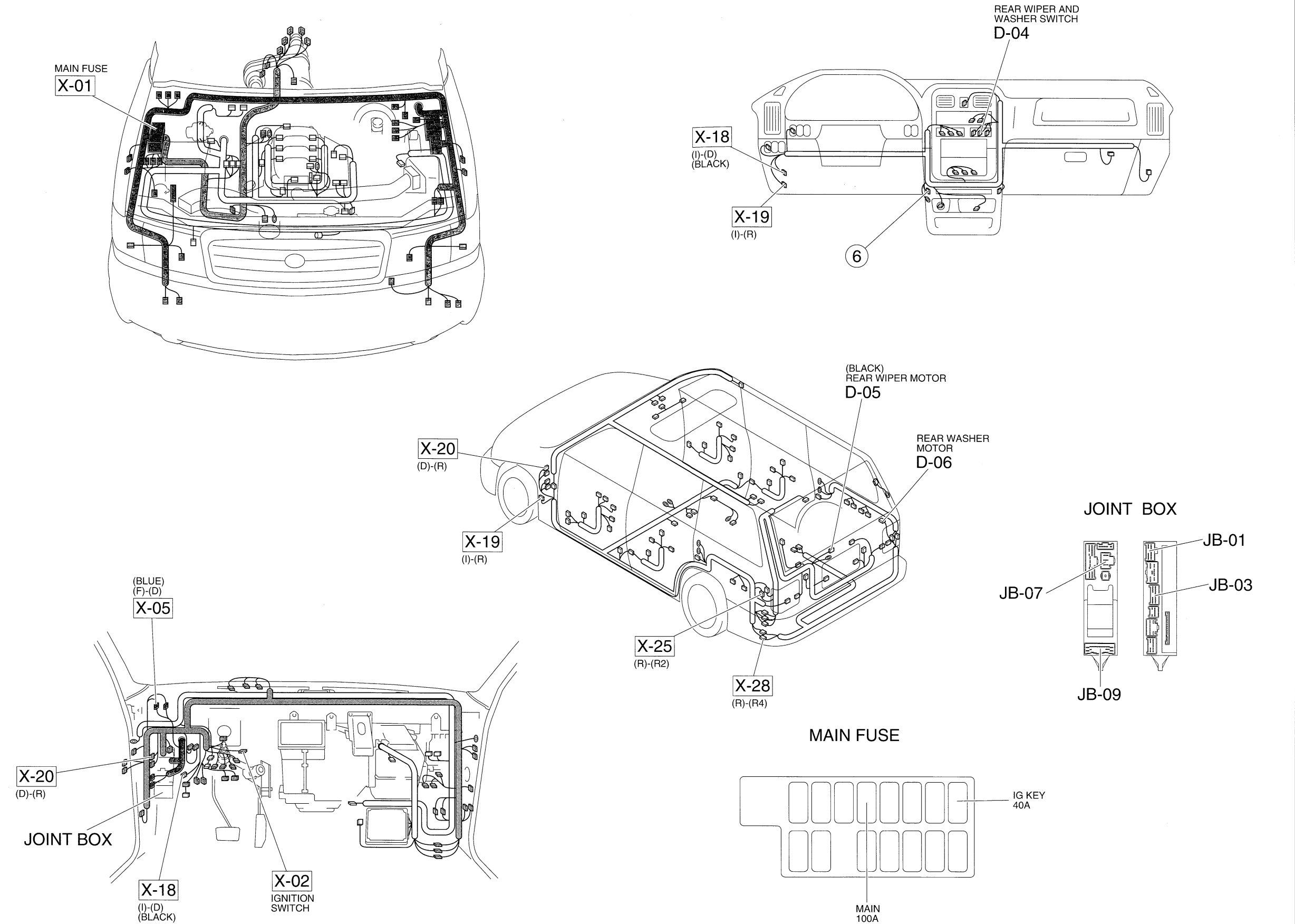


D-2 ■ REAR WIPER AND WASHER

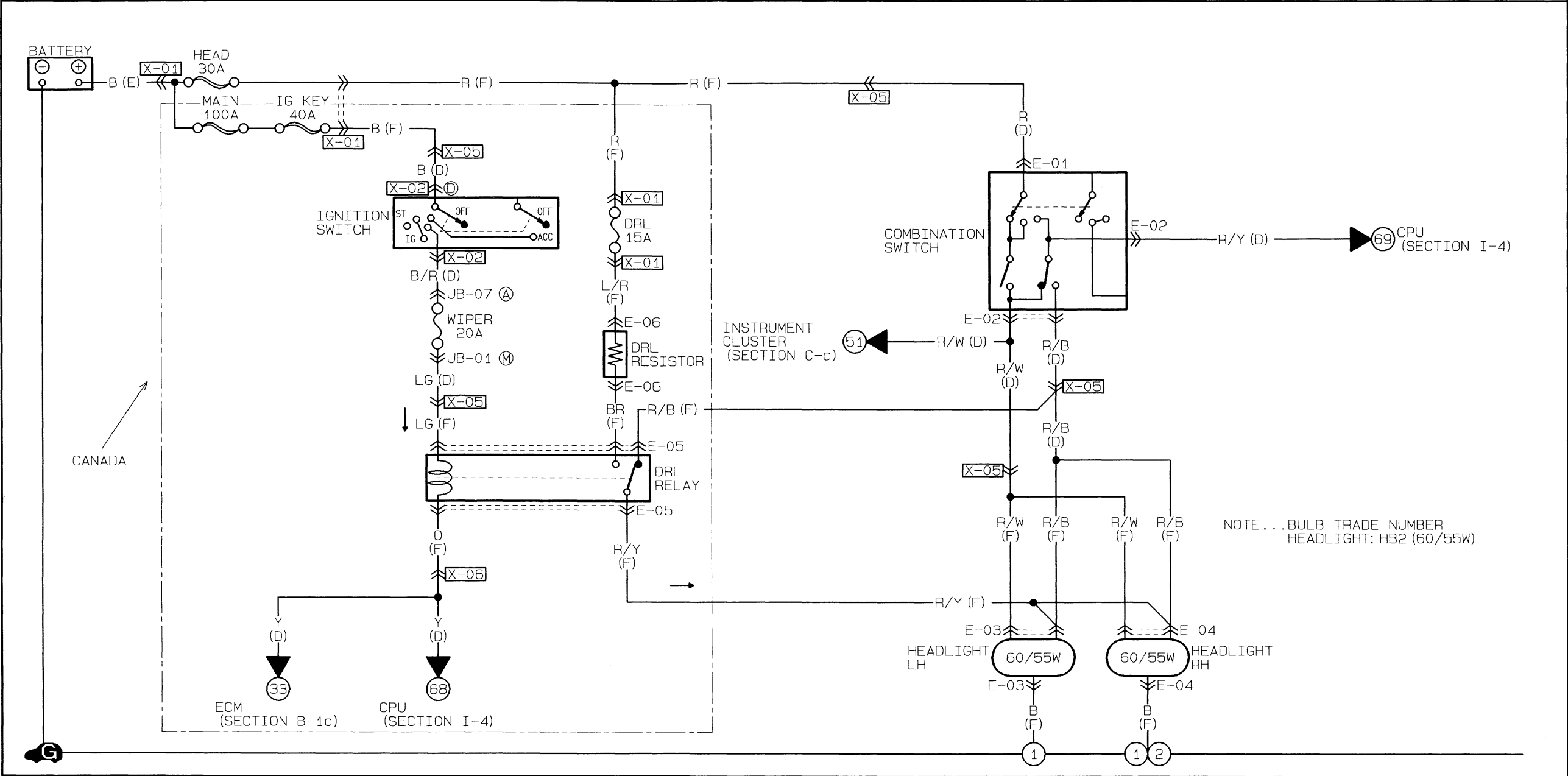


D-04 REAR WIPER AND WASHER SWITCH (I)	D-05 REAR WIPER MOTOR (R2)	D-06 REAR WASHER MOTOR (R4)						
<table><tr><td>W/R</td><td></td><td>R/W</td></tr><tr><td>BR</td><td>B * *</td><td>R</td></tr></table>	W/R		R/W	BR	B * *	R		
W/R		R/W						
BR	B * *	R						

D-2

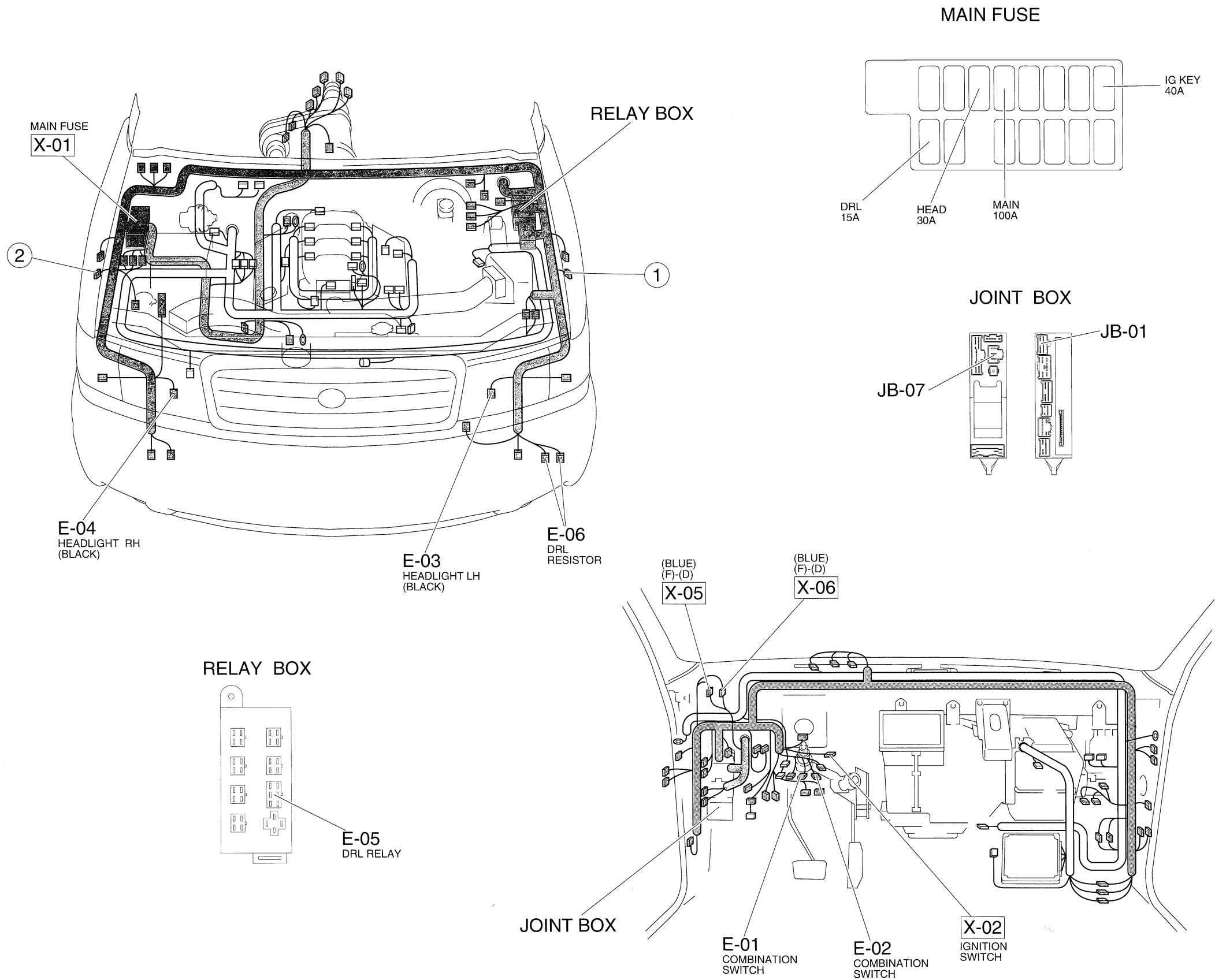


E-1 ■ HEADLIGHTS
■ DAYTIME RUNNING LIGHTS (DRL)



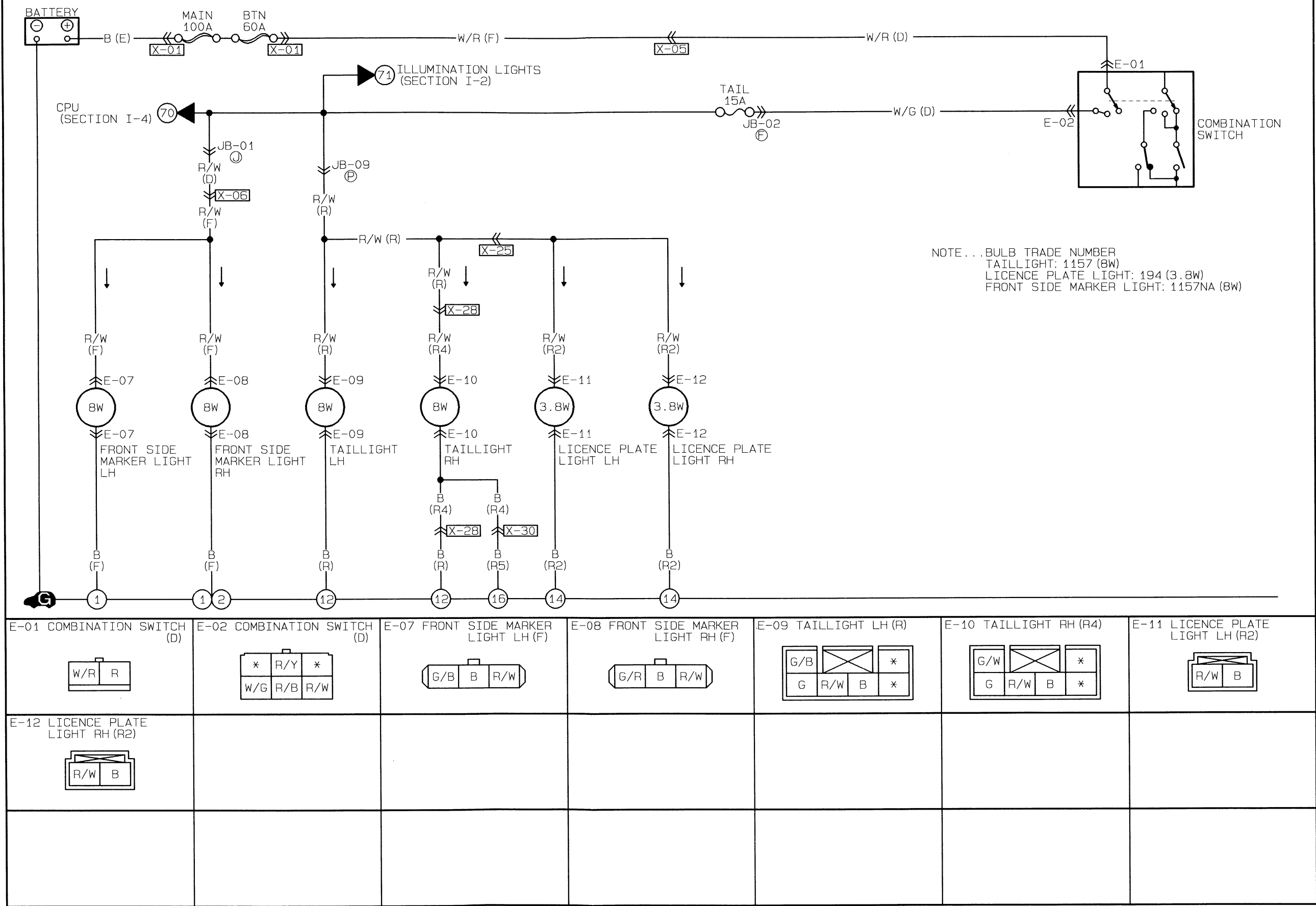
E-01 COMBINATION SWITCH (D)	E-02 COMBINATION SWITCH (D)	E-03 HEADLIGHT LH (F)	E-04 HEADLIGHT RH (F)	E-05 DRL RELAY (F)	E-06 DRL RESISTOR (F)	

E-1

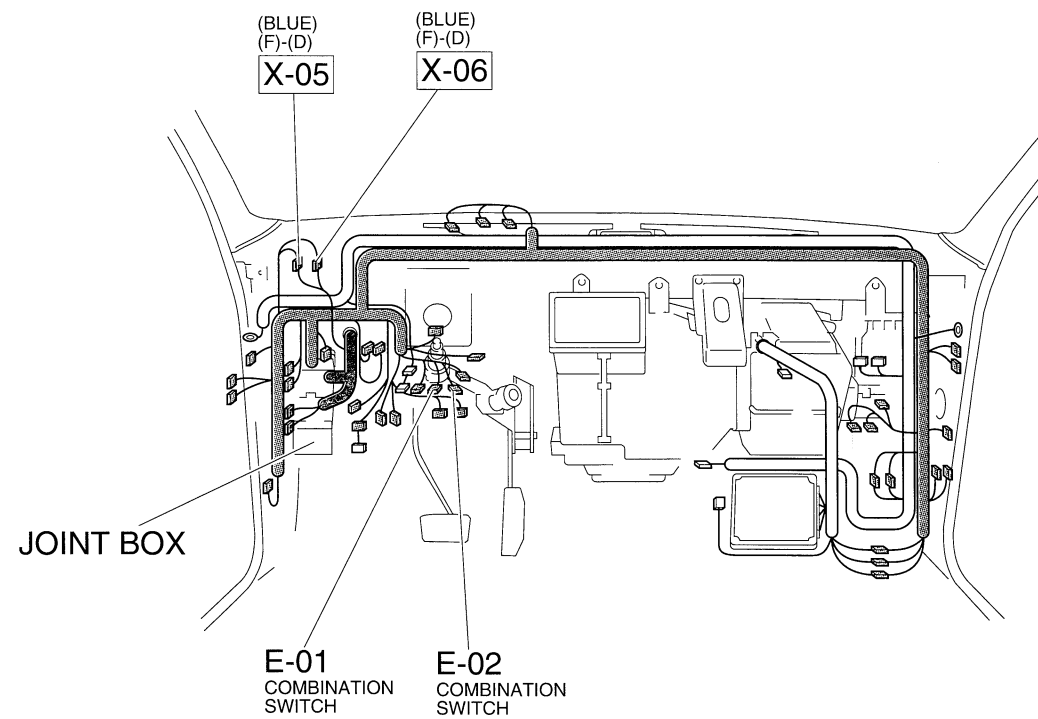
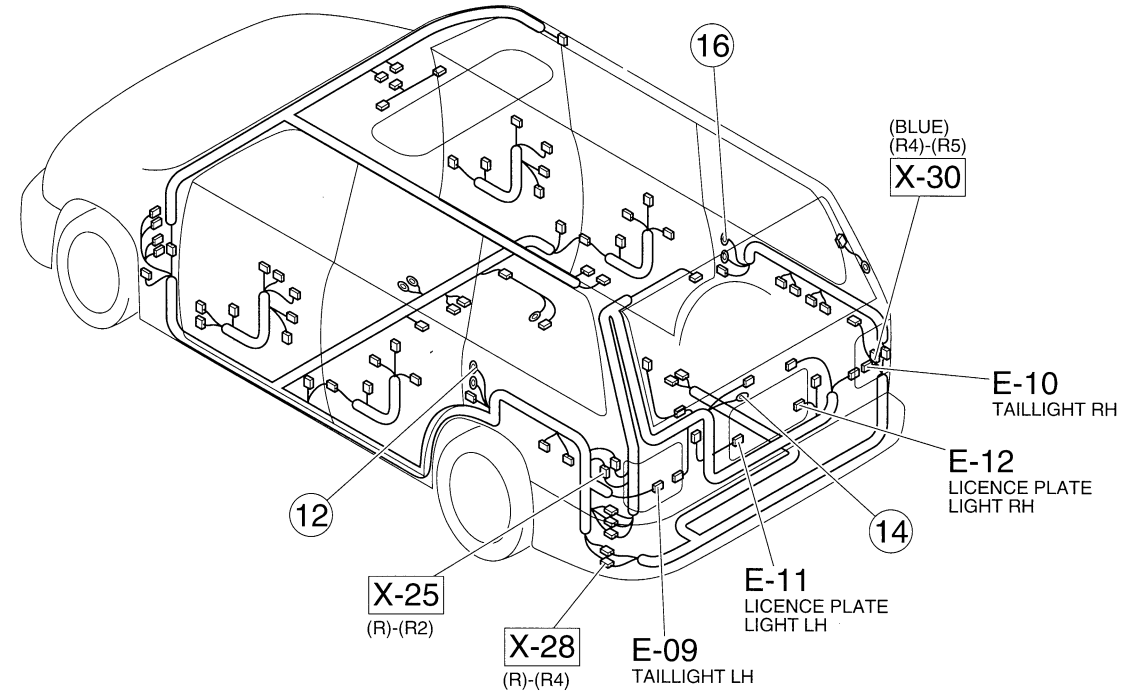
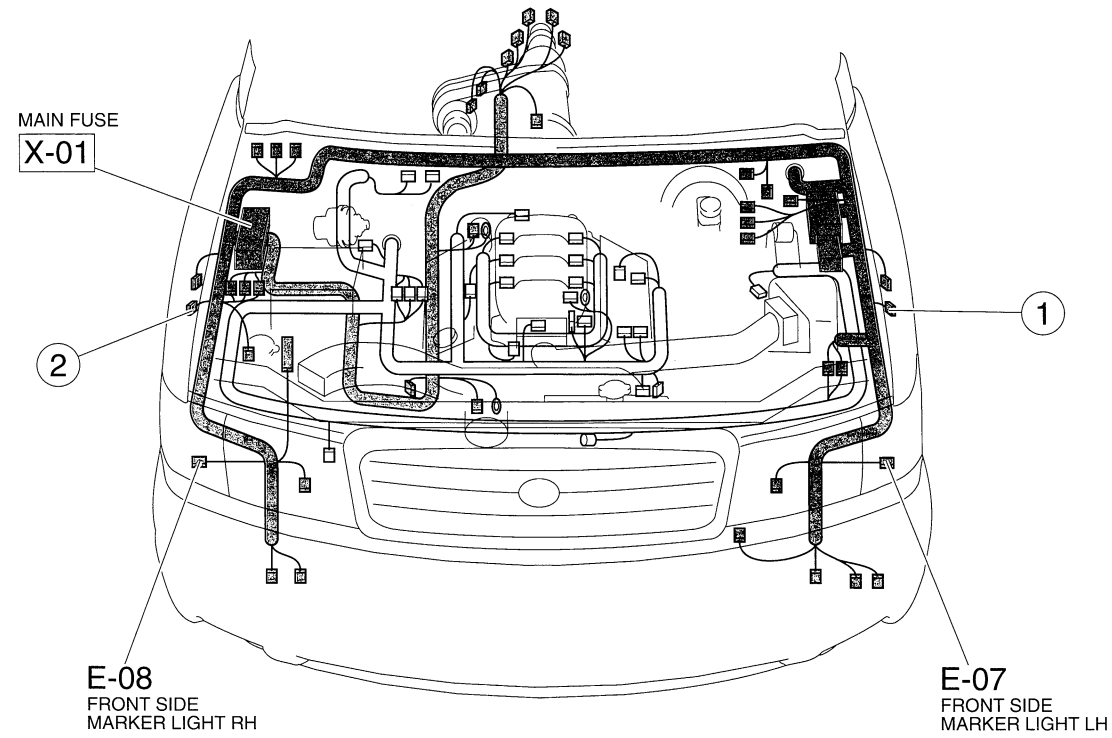


Z WIRING DIAGRAM

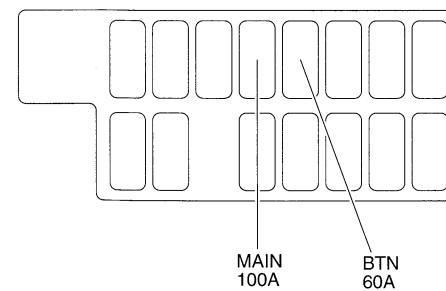
E-2 ■ TAILLIGHTS ■ LICENCE PLATE LIGHTS
■ SIDE MARKER LIGHTS



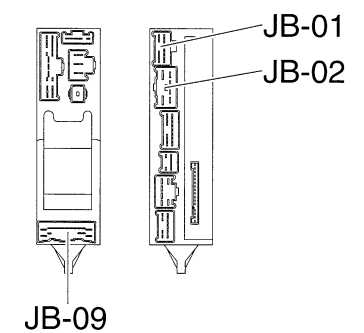
E-2



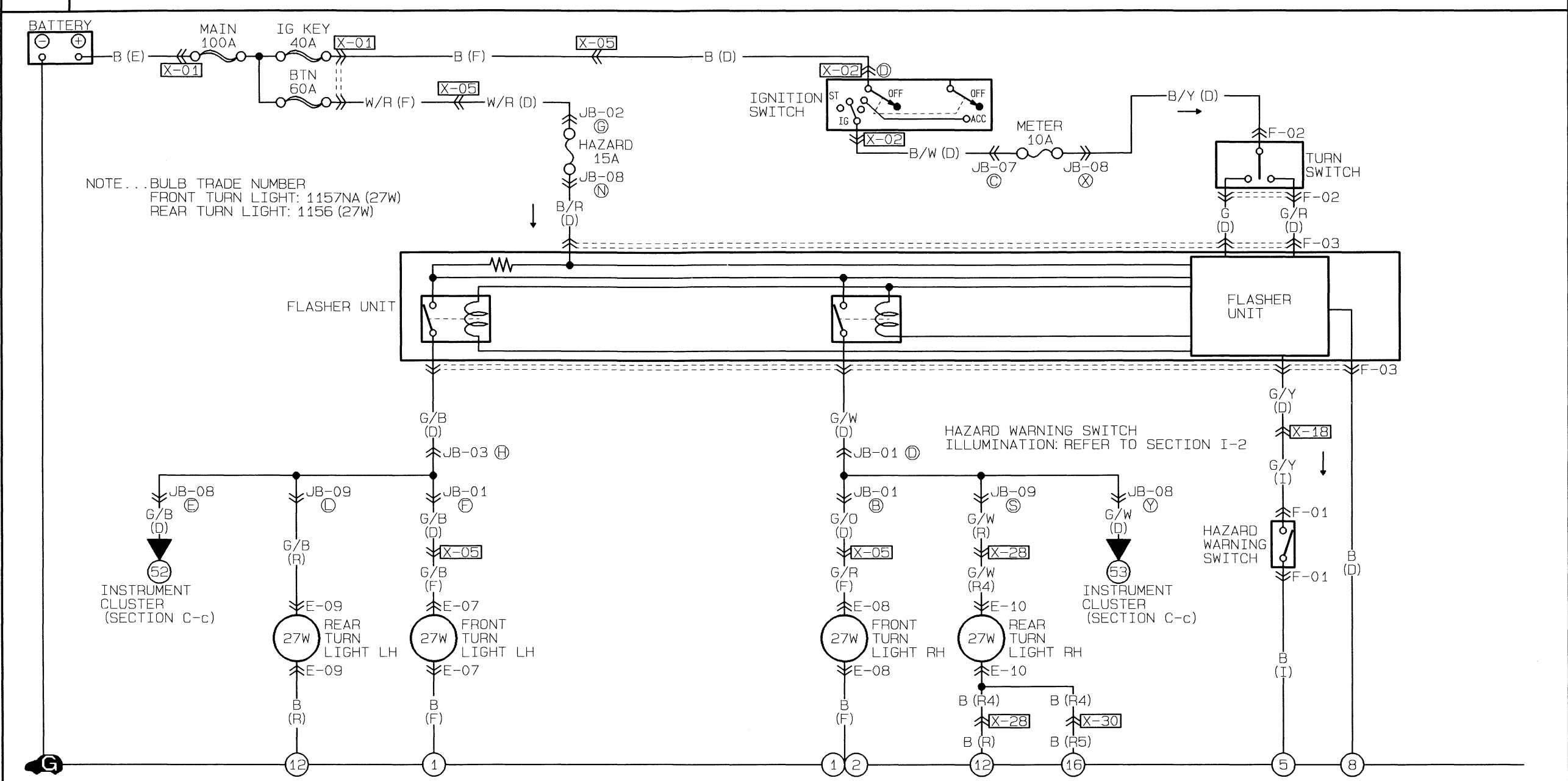
MAIN FUSE



JOINT BOX

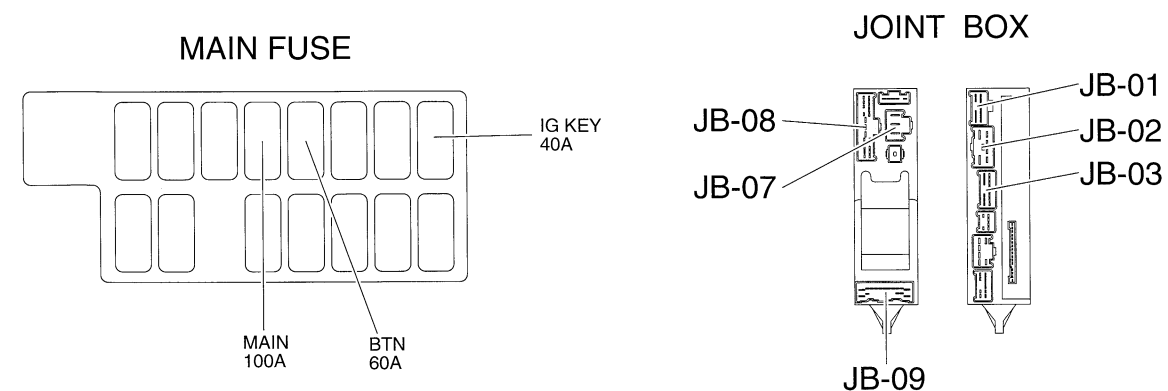
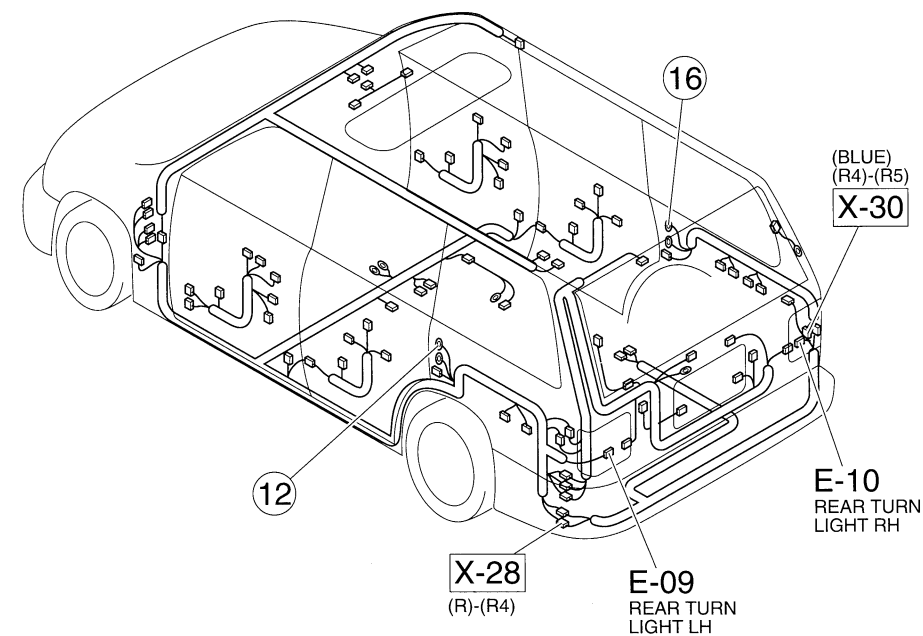
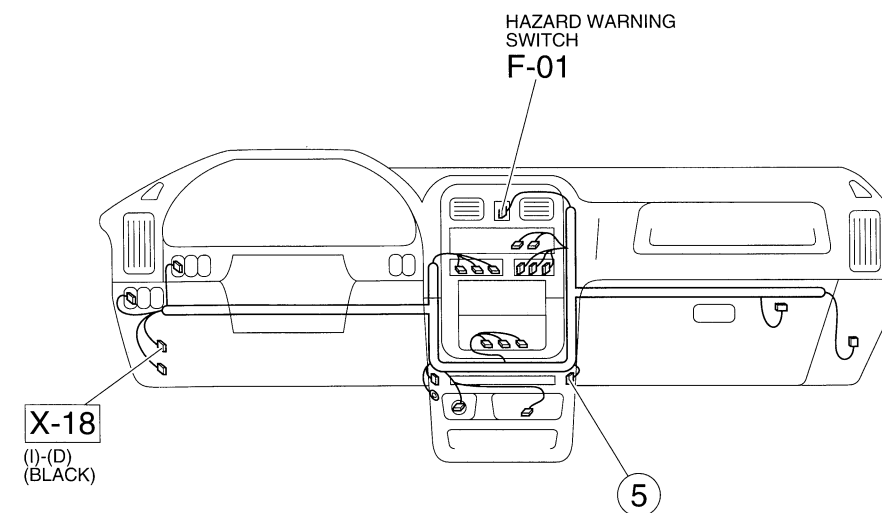
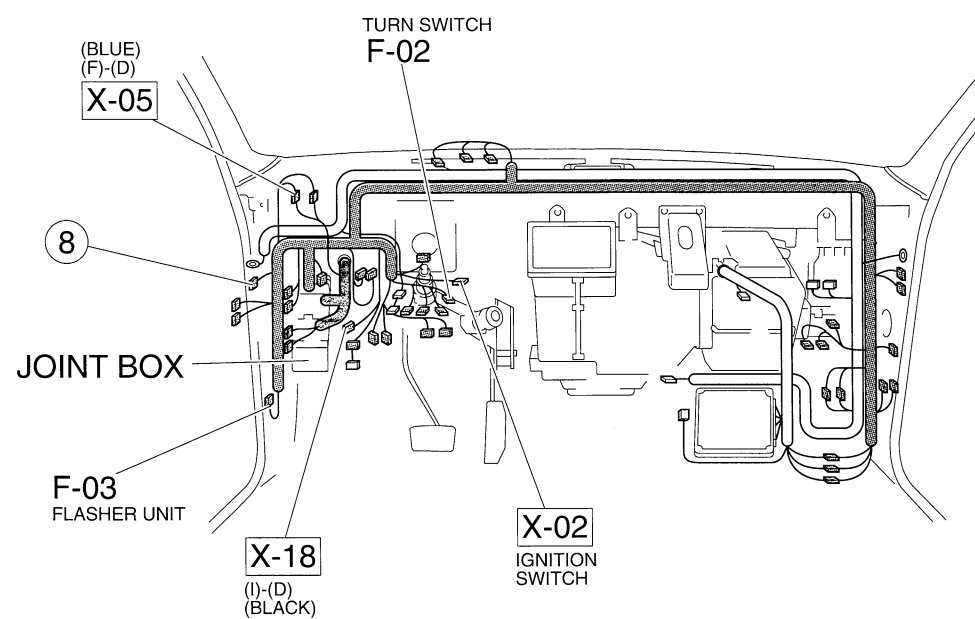
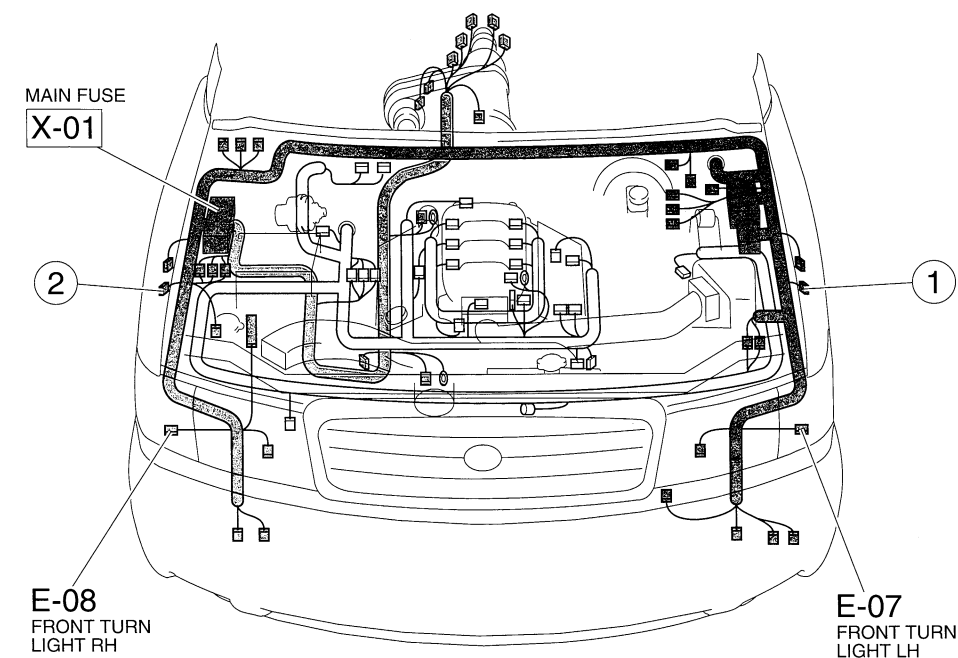


F-1 ■ TURN AND HAZARD WARNING LIGHTS

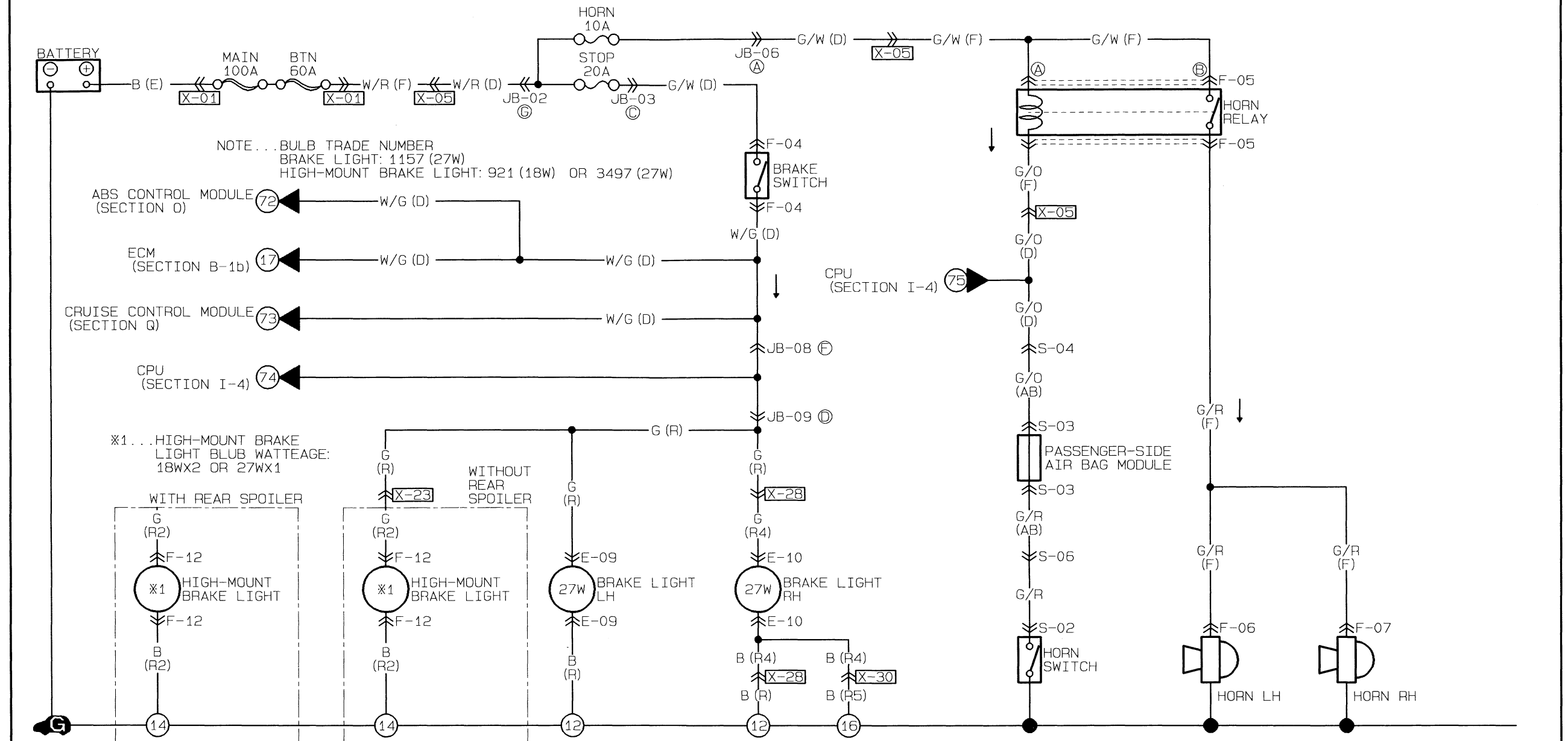


F-01 HAZARD WARNING SWITCH (I)	F-02 TURN SWITCH (D)	F-03 FLASHER UNIT (D)	E-07 FRONT TURN LIGHT LH (F)	E-08 FRONT TURN LIGHT RH (F)	E-09 REAR TURN LIGHT LH (R)																																	
<table><tr><td>B</td><td>R/W</td></tr><tr><td>R</td><td>G/Y</td></tr></table>	B	R/W	R	G/Y	<table><tr><td>G/R</td><td>*</td><td>*</td><td>*</td></tr><tr><td>B/Y</td><td>G</td><td>*</td><td>*</td></tr></table>	G/R	*	*	*	B/Y	G	*	*	<table><tr><td>G/W</td><td>G</td><td>G/Y</td><td>B</td></tr><tr><td>B/R</td><td>G/R</td><td>G/B</td><td>*</td></tr></table>	G/W	G	G/Y	B	B/R	G/R	G/B	*	<table><tr><td>G/B</td><td>B</td><td>R/W</td></tr></table>	G/B	B	R/W	<table><tr><td>G/R</td><td>B</td><td>R/W</td></tr></table>	G/R	B	R/W	<table><tr><td>G/B</td><td>X</td><td>*</td></tr><tr><td>G</td><td>R/W</td><td>B</td><td>*</td></tr></table>	G/B	X	*	G	R/W	B	*
B	R/W																																					
R	G/Y																																					
G/R	*	*	*																																			
B/Y	G	*	*																																			
G/W	G	G/Y	B																																			
B/R	G/R	G/B	*																																			
G/B	B	R/W																																				
G/R	B	R/W																																				
G/B	X	*																																				
G	R/W	B	*																																			
E-10 REAR TURN LIGHT RH (R4)																																						
<table><tr><td>G/W</td><td>X</td><td>*</td></tr><tr><td>G</td><td>R/W</td><td>B</td><td>*</td></tr></table>	G/W	X	*	G	R/W	B	*																															
G/W	X	*																																				
G	R/W	B	*																																			

F-1

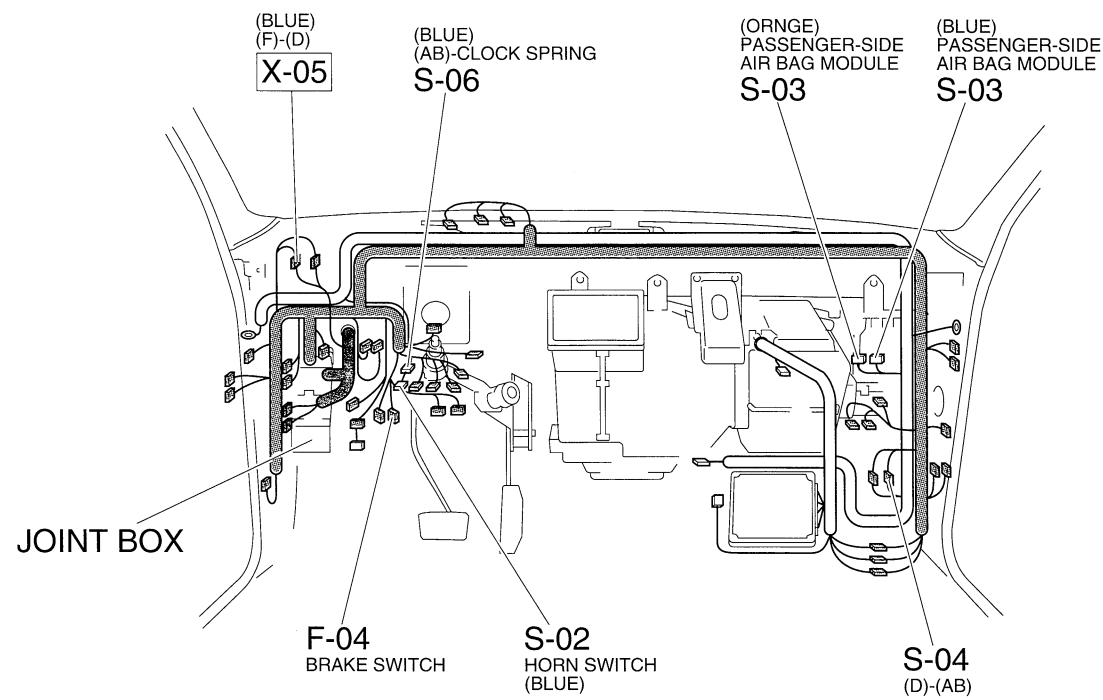
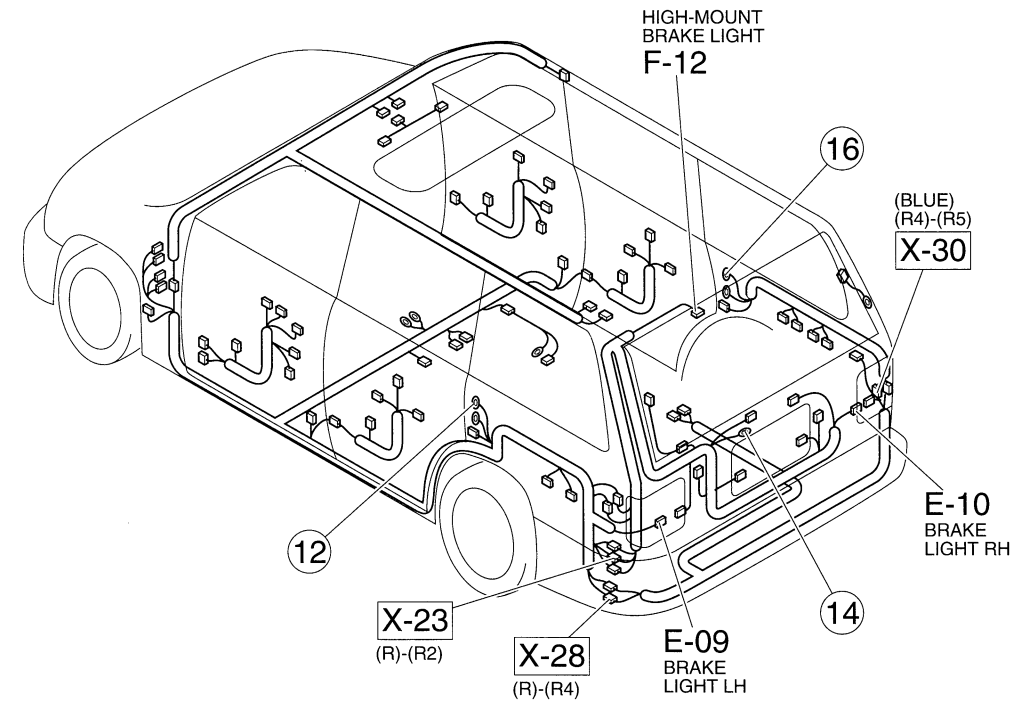
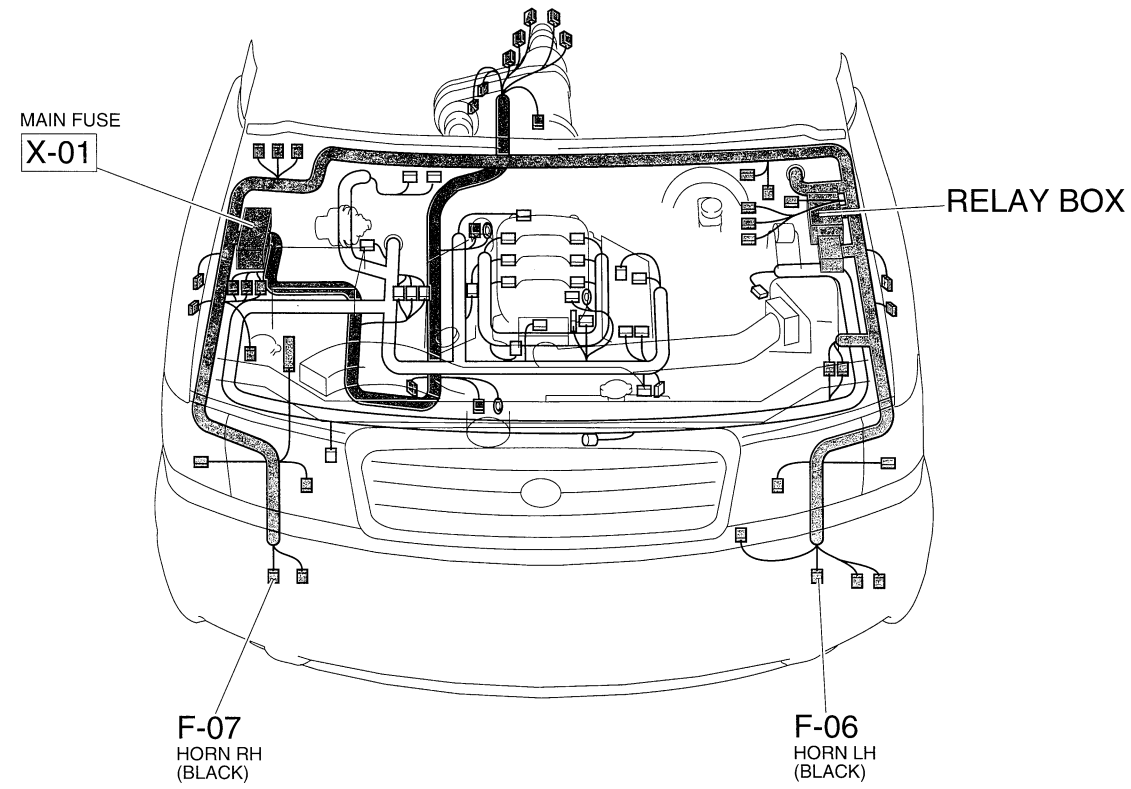


F-2 ■ BRAKE LIGHTS ■ HORNS ■ HIGH-MOUNT BRAKE LIGHT

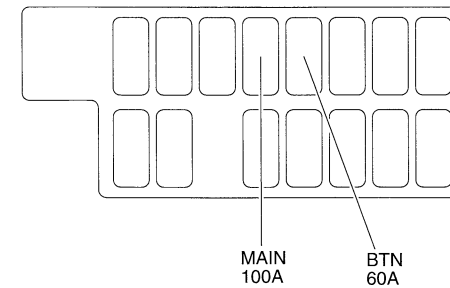


F-04 BRAKE SWITCH (D) 	F-05 HORN RELAY (F) 	F-06 HORN LH (F) 	F-07 HORN RH (F) 	F-12 HIGH-MOUNT BRAKE LIGHT (R2) 	E-09 BRAKE LIGHT LH (R)
E-10 BRAKE LIGHT RH (R4) 	S-02 HORN SWITCH 	S-03 PASSENGER-SIDE AIR BAG MODULE (AB) 	S-04 DASH (D) -AIR BAG (AB) 	S-06 AIR BAG (AB) -CLOCK SPRING 	

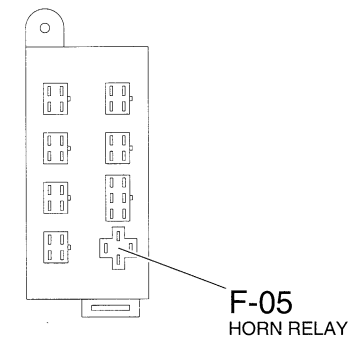
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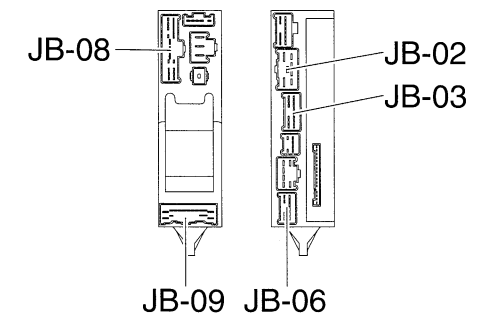
MAIN FUSE



RELAY BOX

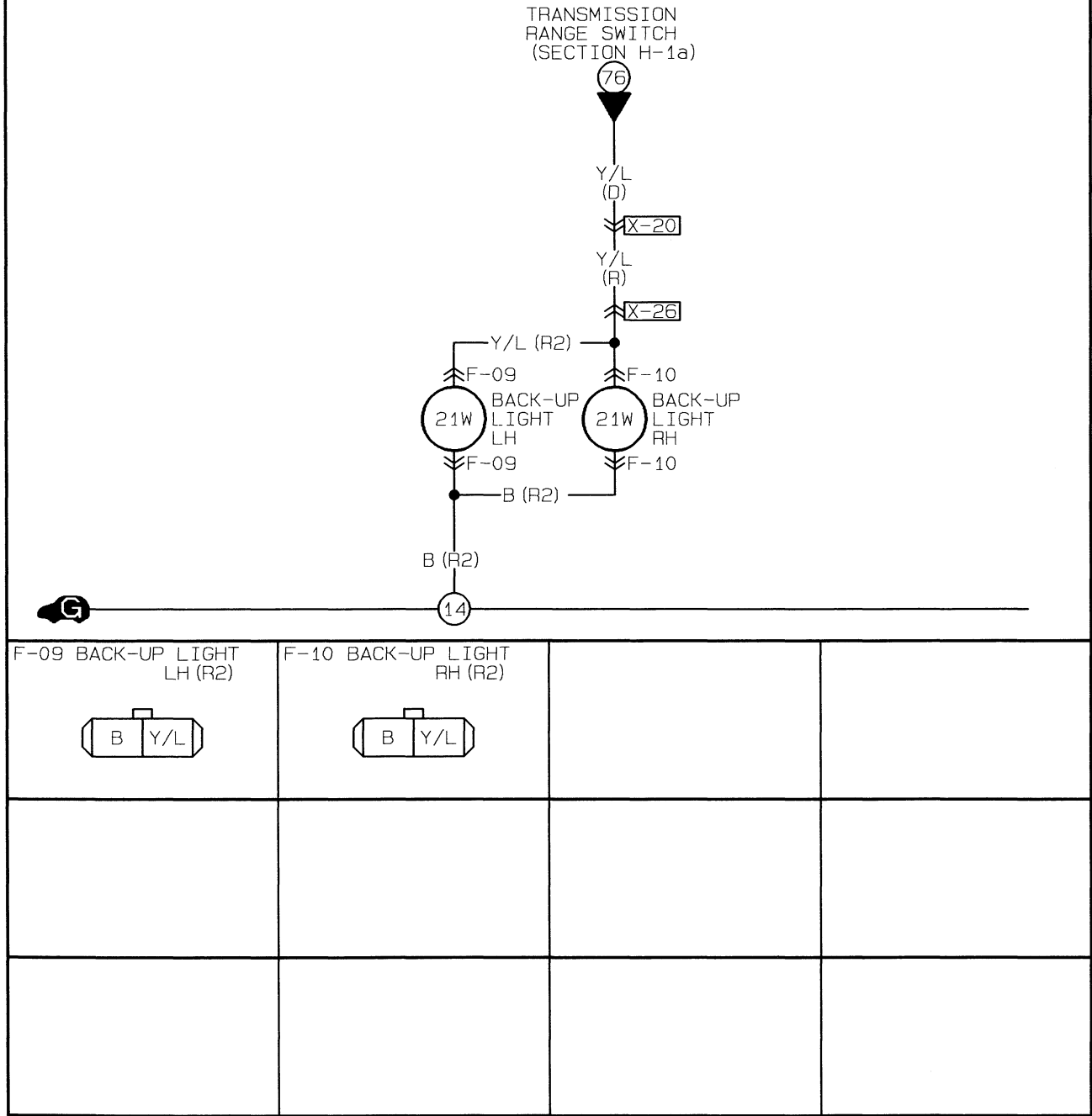


JOINT BOX

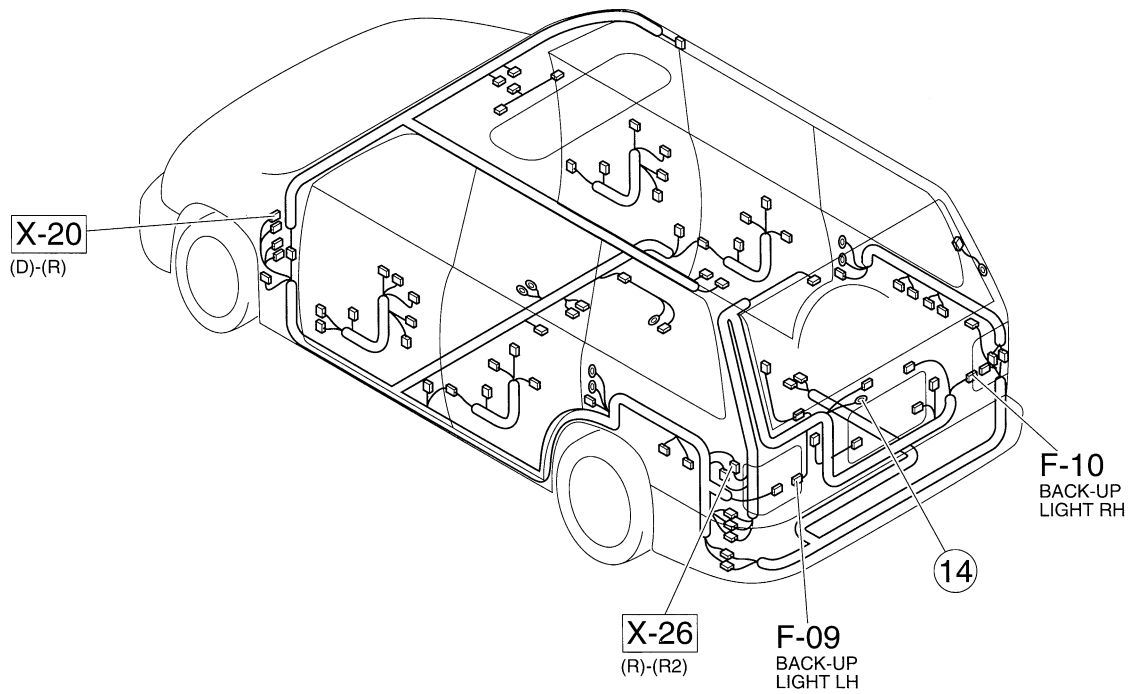
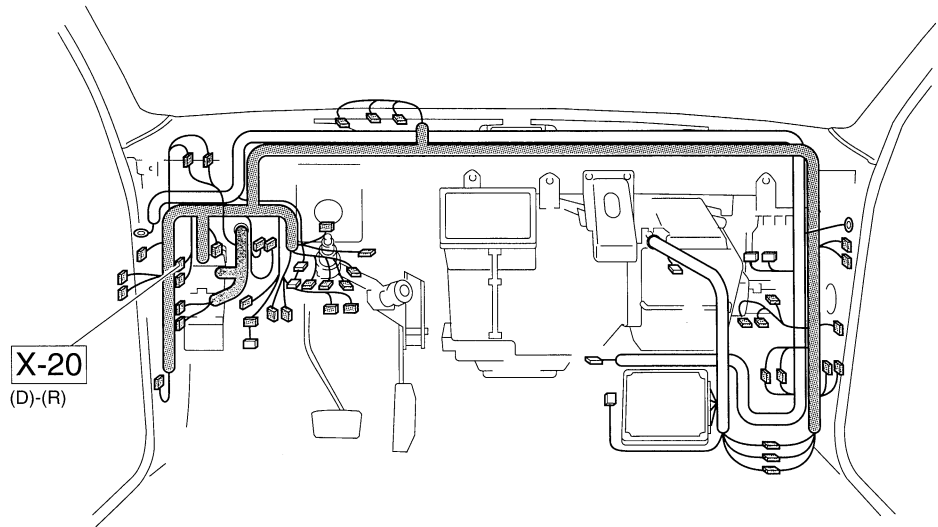


F-3 ■ BACK-UP LIGHTS

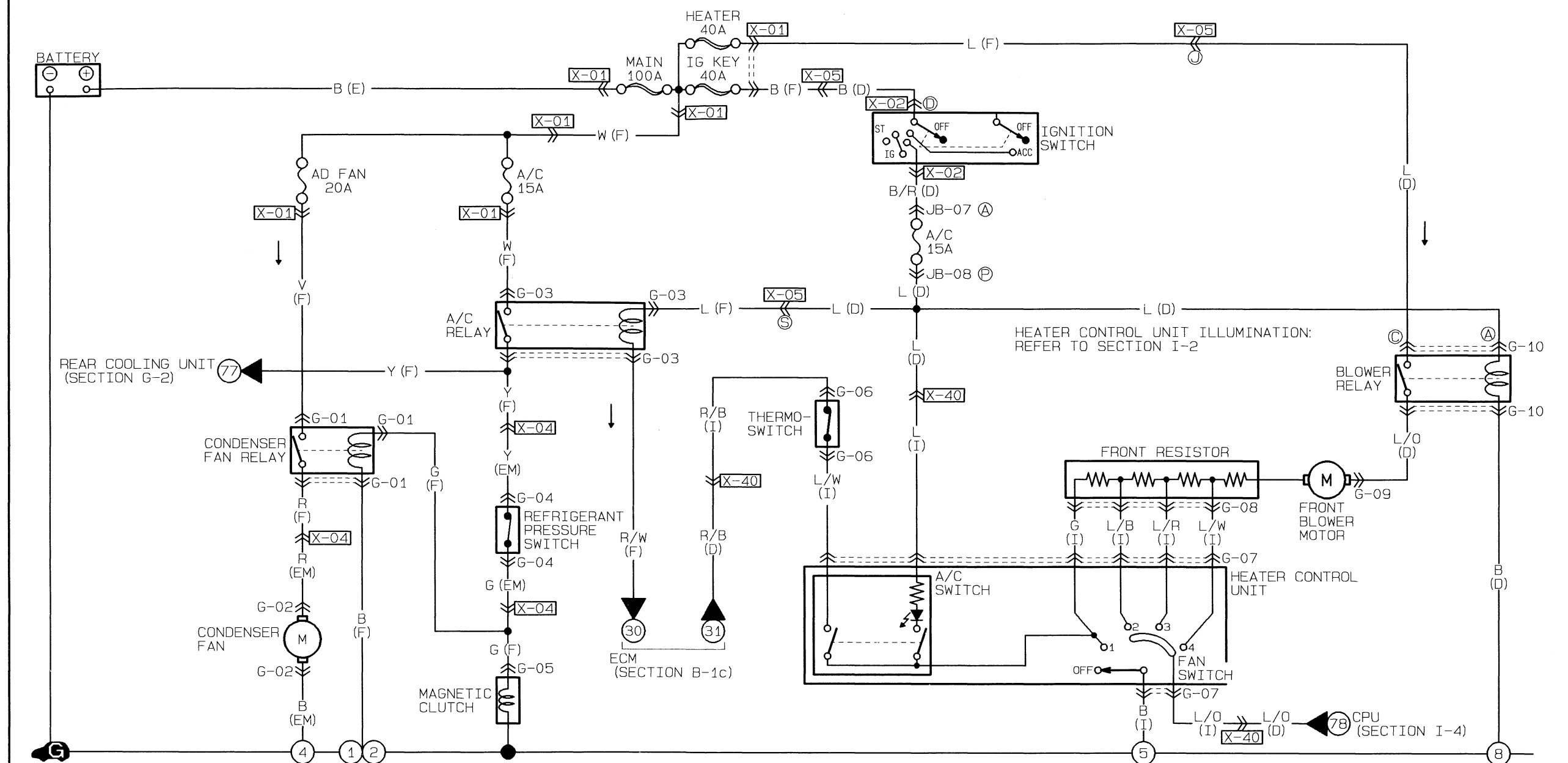
NOTE...BULB TRADE NUMBER
BACK-UP LIGHT: 1156 (27W)



F-3

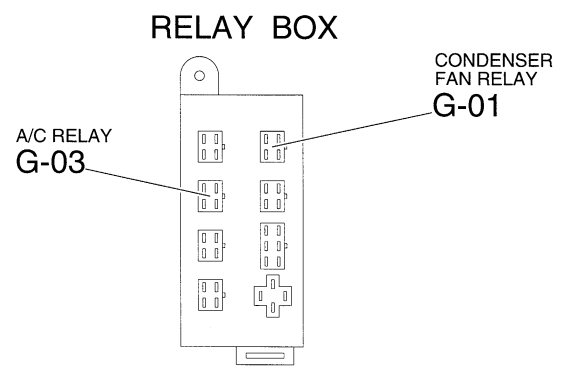
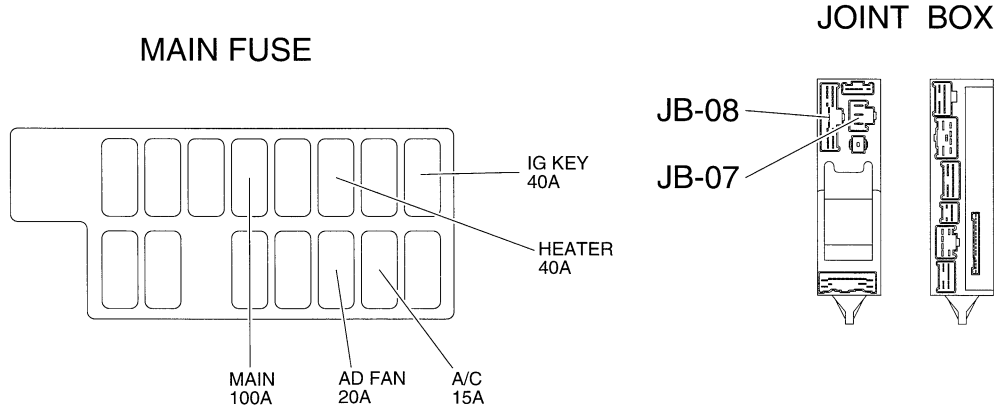
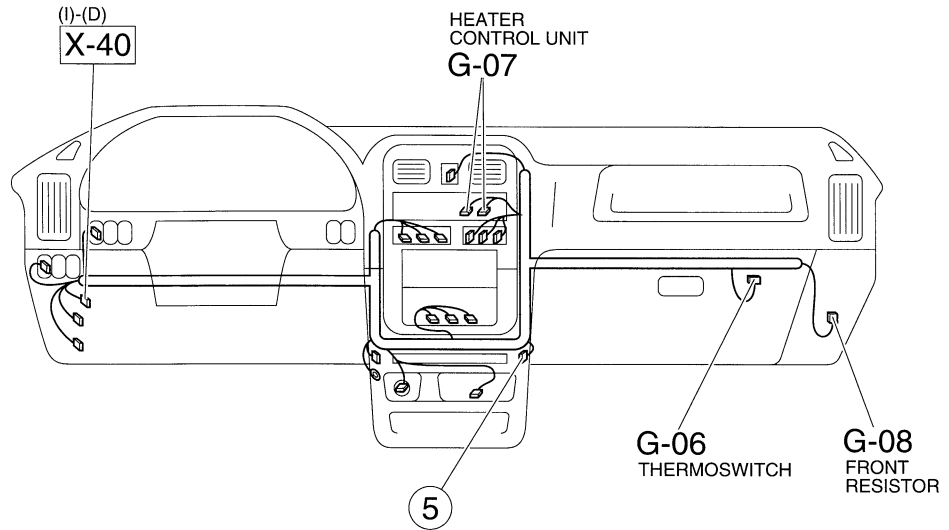
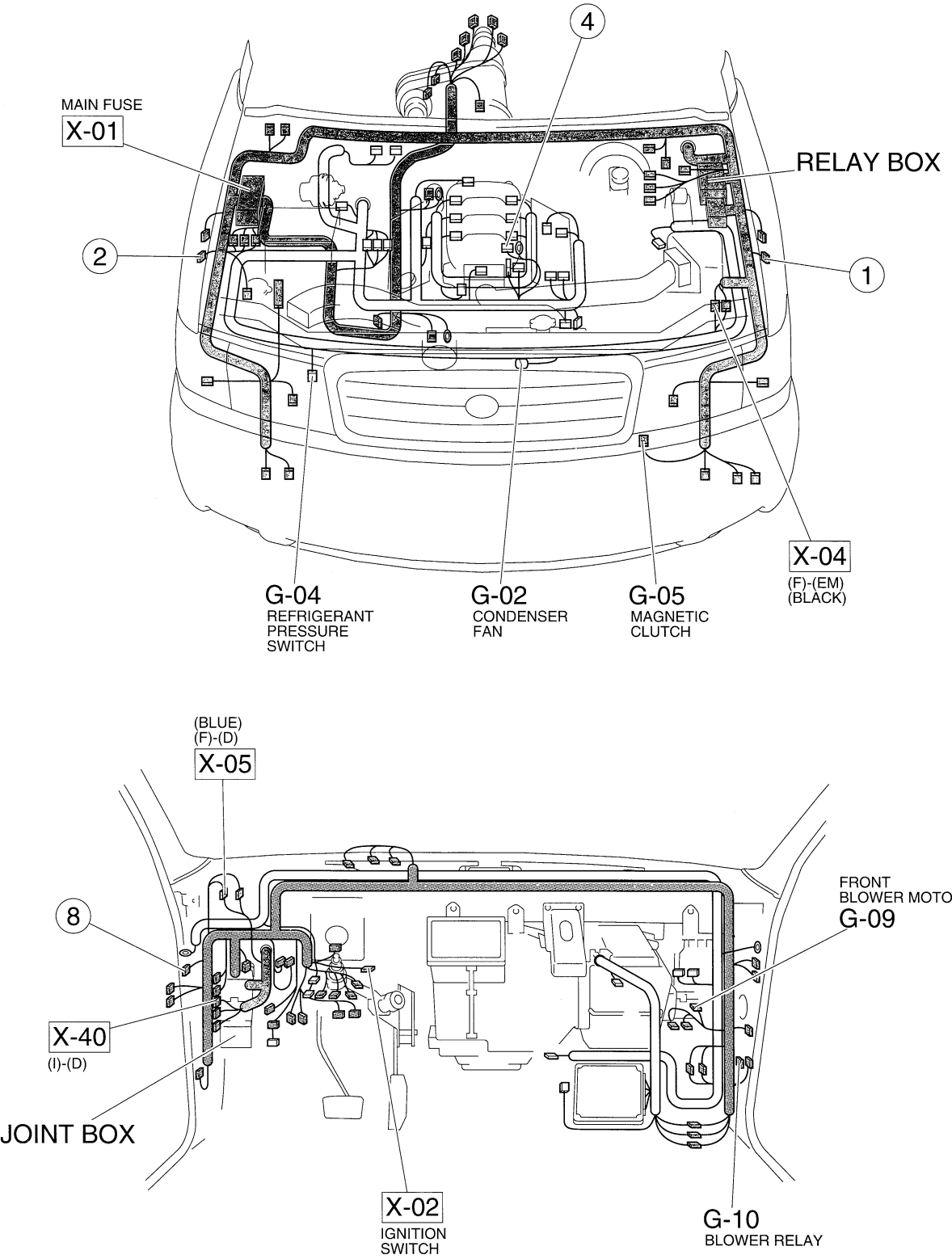


G-1 ■ HEATER AND AIR CONDITIONER



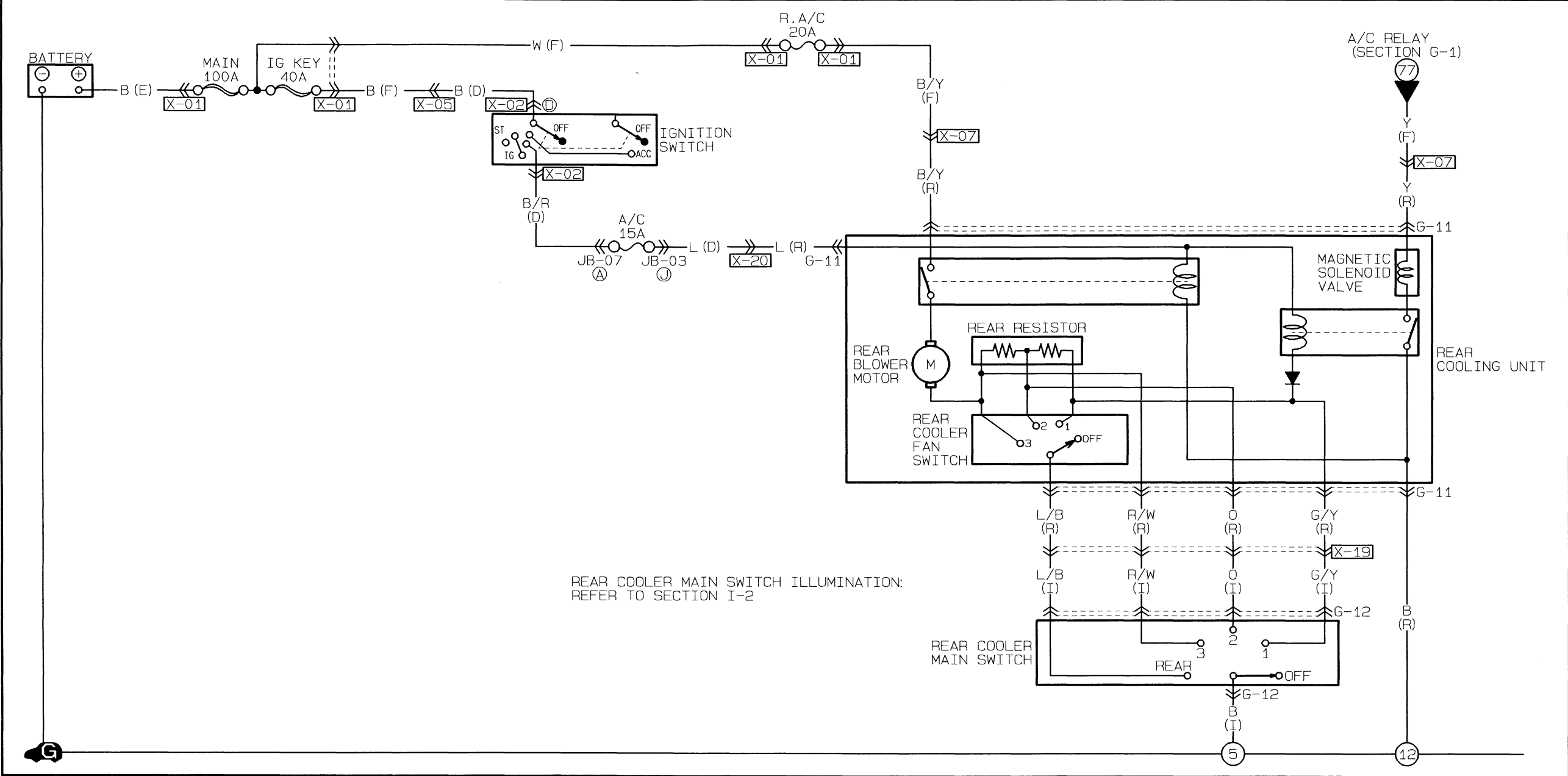
G-01 CONDENSER FAN RELAY (F) 	G-02 CONDENSER FAN (EM) 	G-03 A/C RELAY (F) 	G-04 REFRIGERANT PRESSURE SWITCH (EM) 	G-05 MAGNETIC CLUTCH (F) 	G-06 THERMOSWITCH (I)
G-07 HEATER CONTROL UNIT (I) 	G-08 FRONT RESISTOR (I) 	G-09 FRONT BLOWER MOTOR (D) 	G-10 BLOWER RELAY (D) 		

G-1



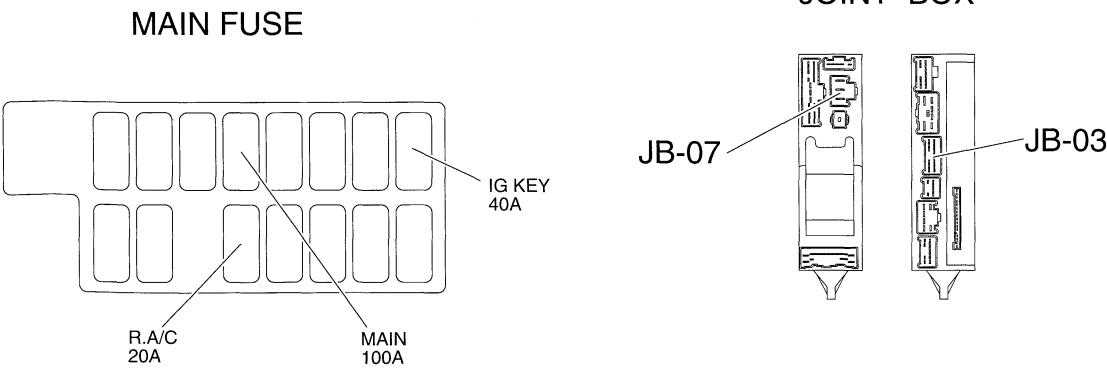
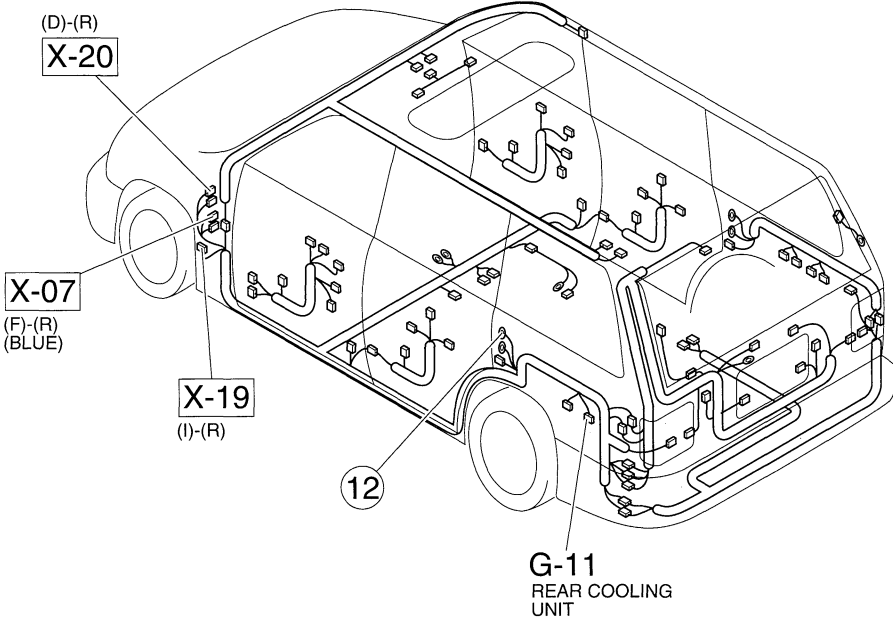
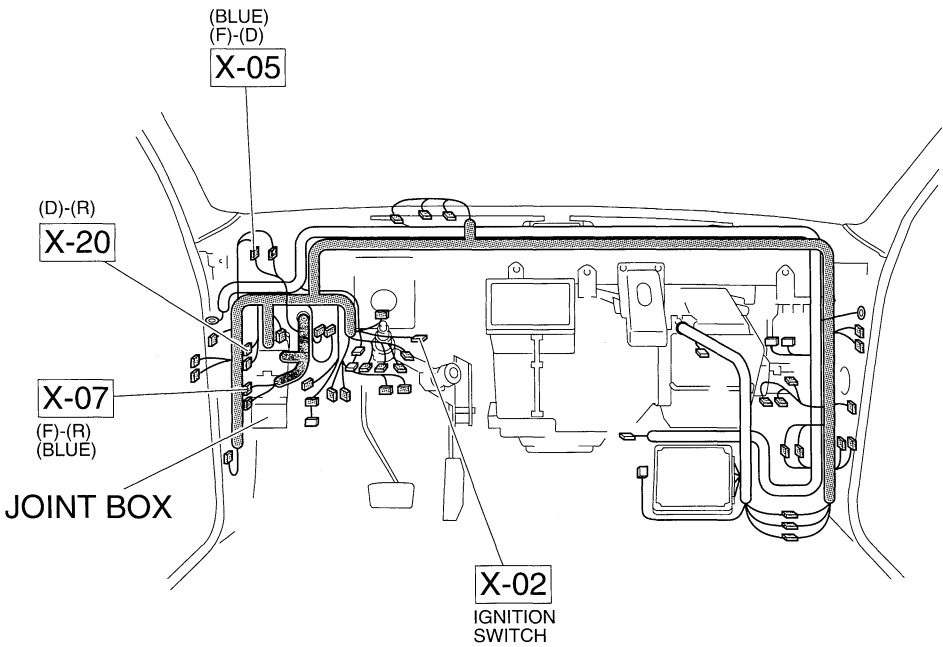
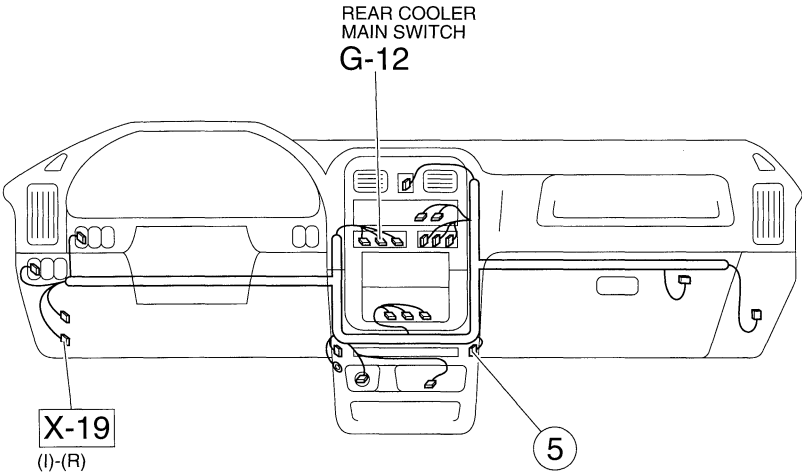
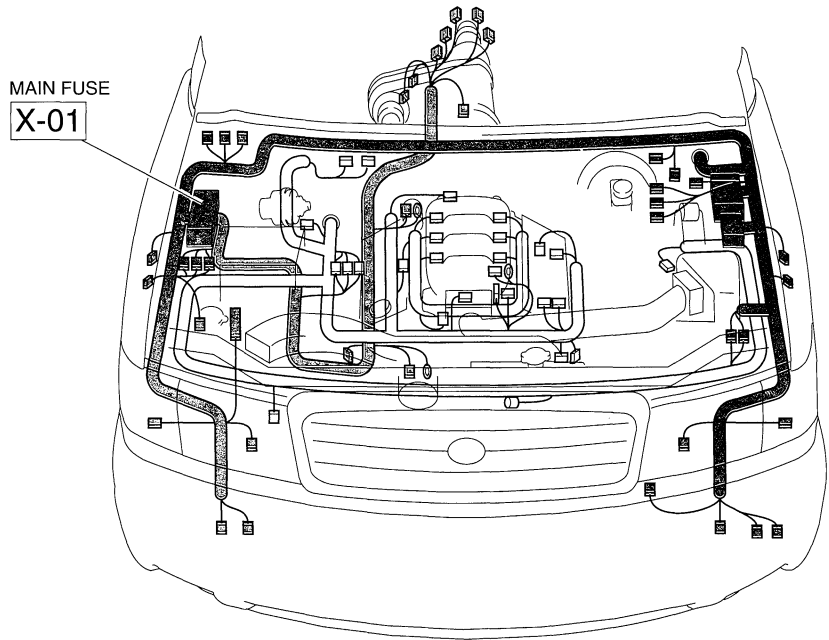
Z WIRING DIAGRAM

G-2 ■ REAR COOLER

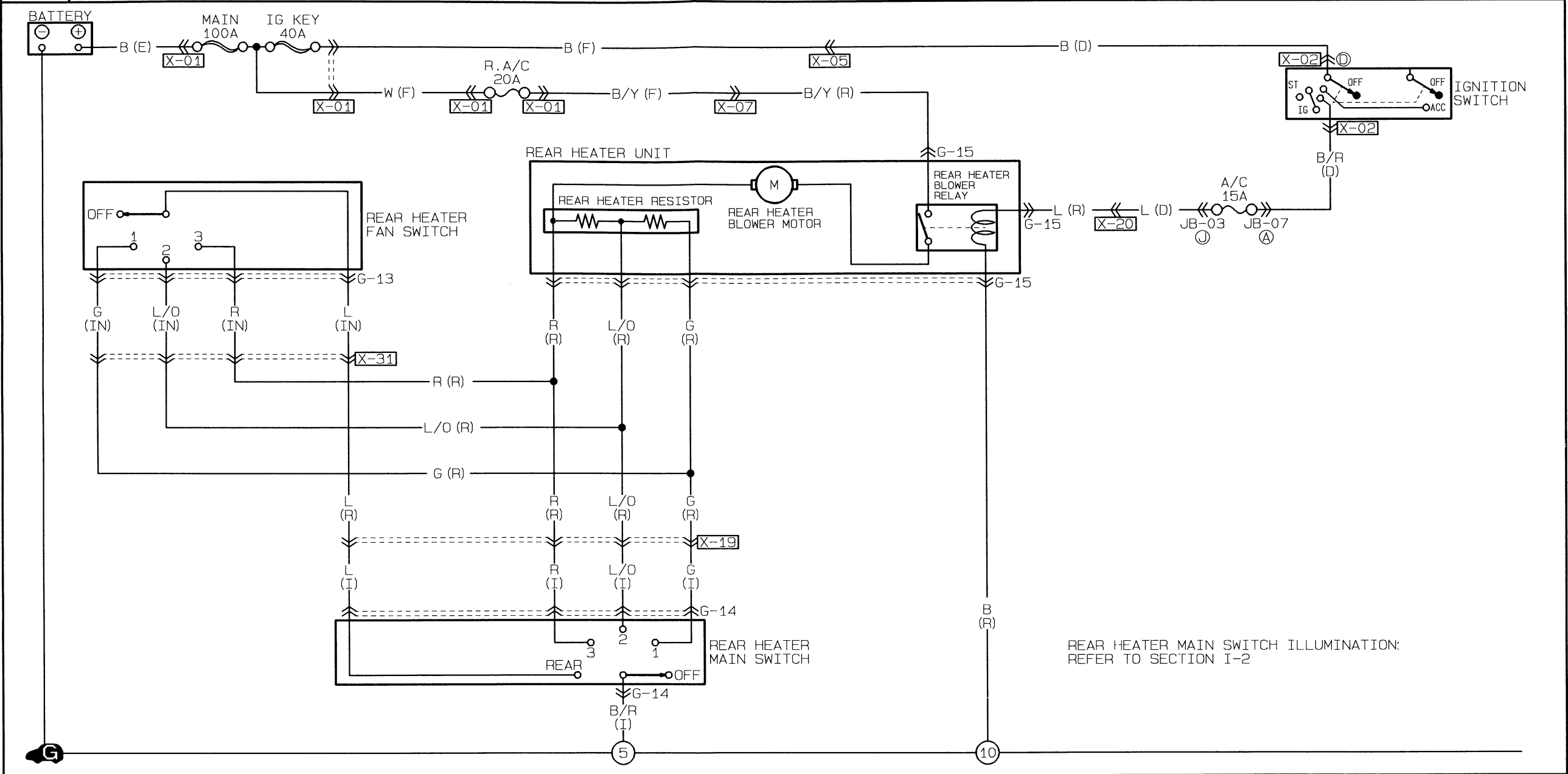


G-11 REAR COOLING UNIT (R)				G-12 REAR COOLER MAIN SWITCH (I)			
B/Y	B	G/Y	0	0	G/Y	B	
Y	L	L/B	R/W	R/W	L/B	*	

G-2

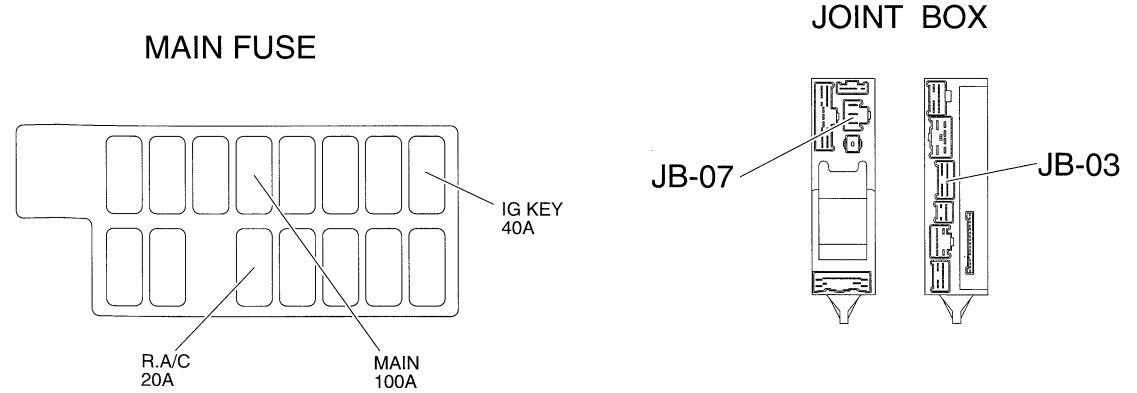
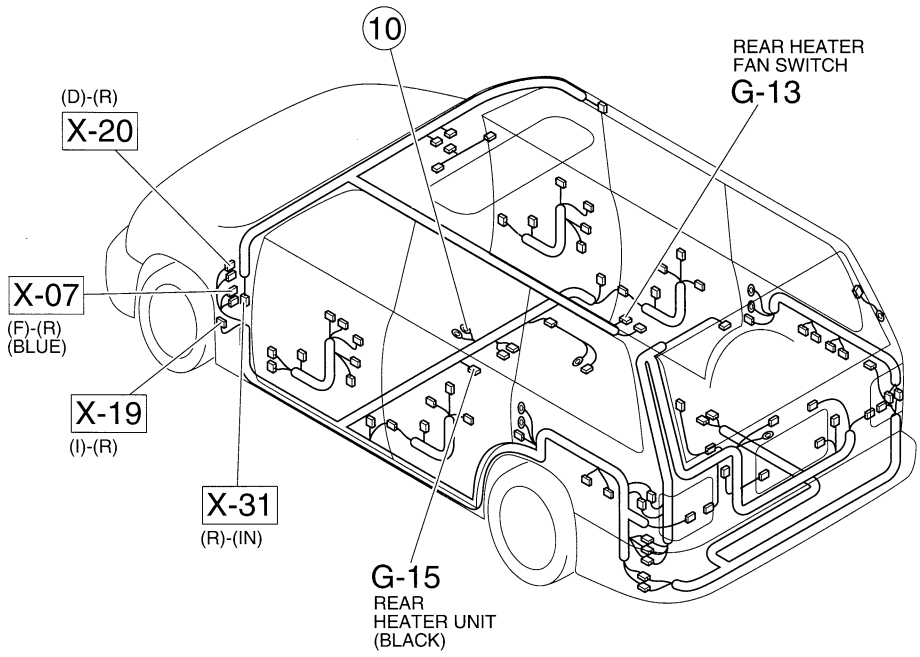
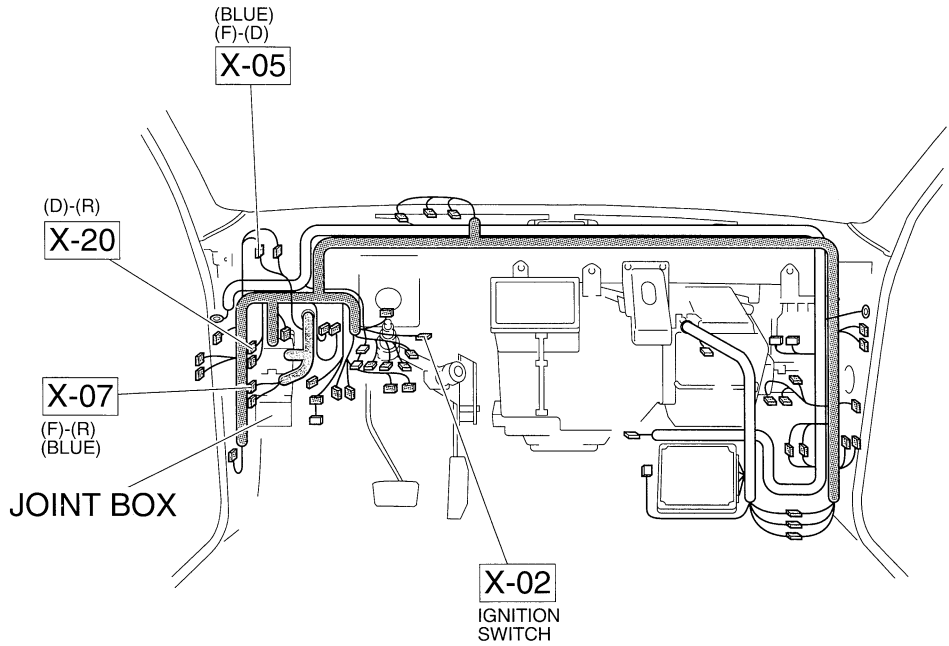
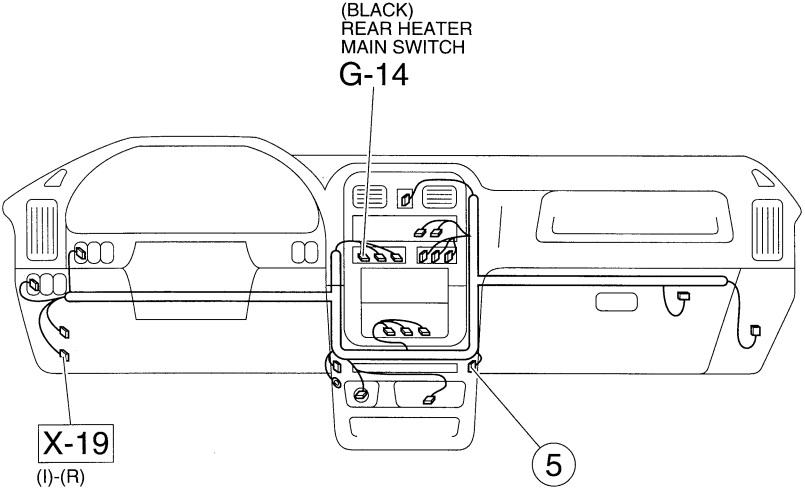
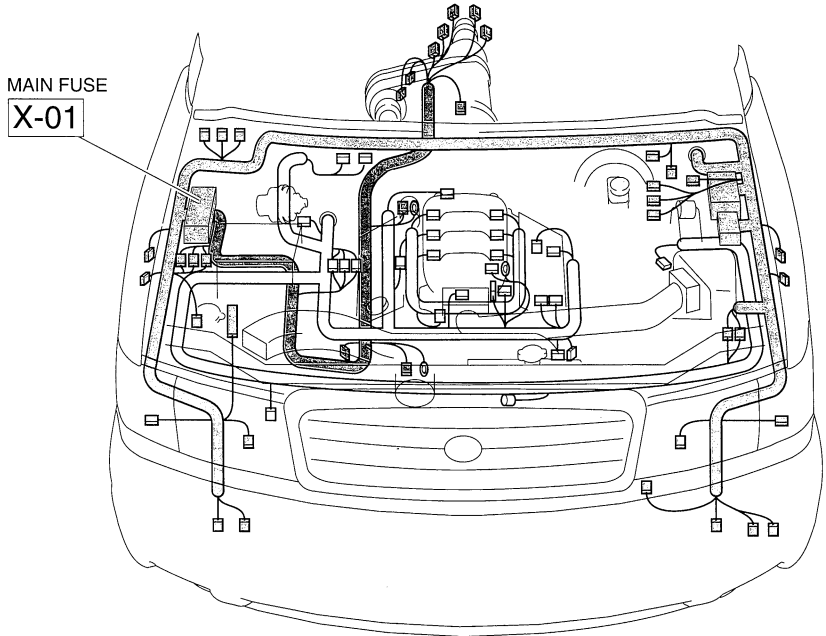


G-3 ■ REAR HEATER



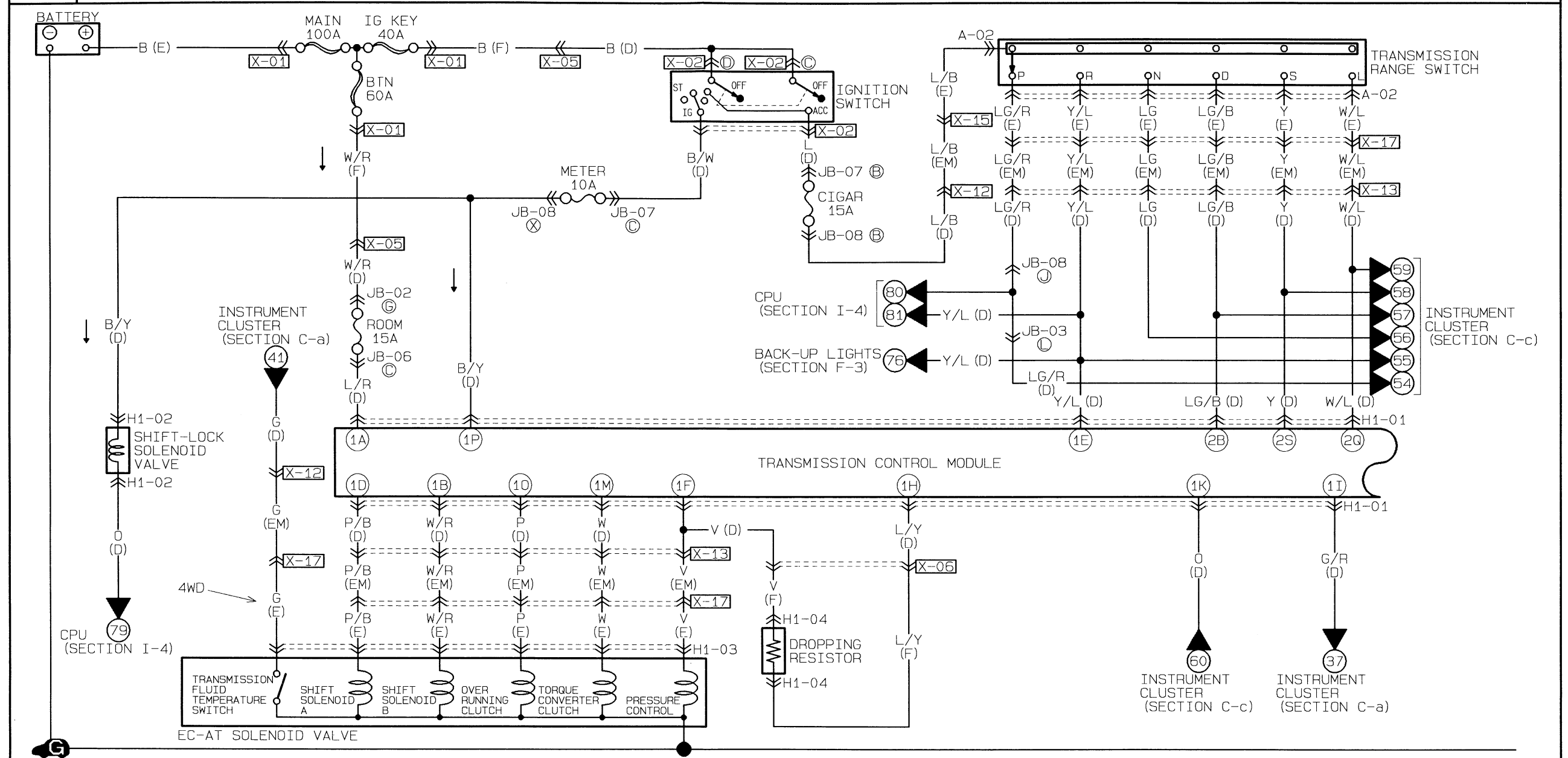
G-13 REAR HEATER FAN SWITCH (IN)		G-14 REAR HEATER MAIN SWITCH (I)		G-15 REAR HEATER UNIT (R)																		
<table><tr><td>G</td><td>L/O</td></tr><tr><td>L</td><td>R</td></tr></table>		G	L/O	L	R	<table><tr><td>L/O</td><td>G</td><td>B/R</td></tr><tr><td>R</td><td>L</td><td>*</td></tr></table>		L/O	G	B/R	R	L	*	<table><tr><td>G</td><td>R</td><td>B/Y</td></tr><tr><td>B</td><td>L/O</td><td>L</td></tr></table>		G	R	B/Y	B	L/O	L	
G	L/O																					
L	R																					
L/O	G	B/R																				
R	L	*																				
G	R	B/Y																				
B	L/O	L																				

G-3



H-1a ■ EC-AT CONTROL SYSTEM (1/2)
■ SHIFT-LOCK SYSTEM

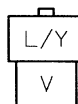
() ... 4WD



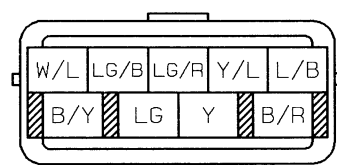
H1-01 TRANSMISSION CONTROL MODULE (D)

10	1M	1K	1I	1G	1E	1C	1A	2S	2Q	2O	2M	2K	2I	2G	2E	2C	2A
P	W	O	G/R	R/Y	Y/L	*	L/R	Y	W/L	*	G/W	LG	GY/L	GY	BR/Y	*	BR/W
B/Y	*	B/O	B/O	L/Y	V	P/B	W/R	R/L	G/B	*	Y/G	L	R/W	*	*	G/Y	LG/B
1P	1N	1L	1J	1H	1F	1D	1B	2T	2R	2P	2N	2L	2J	2H	2F	2D	2B

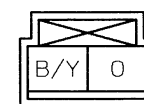
H1-04 DROPPING RESISTOR (F)



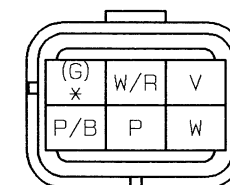
A-02 TRANSMISSION RANGE SWITCH (E)



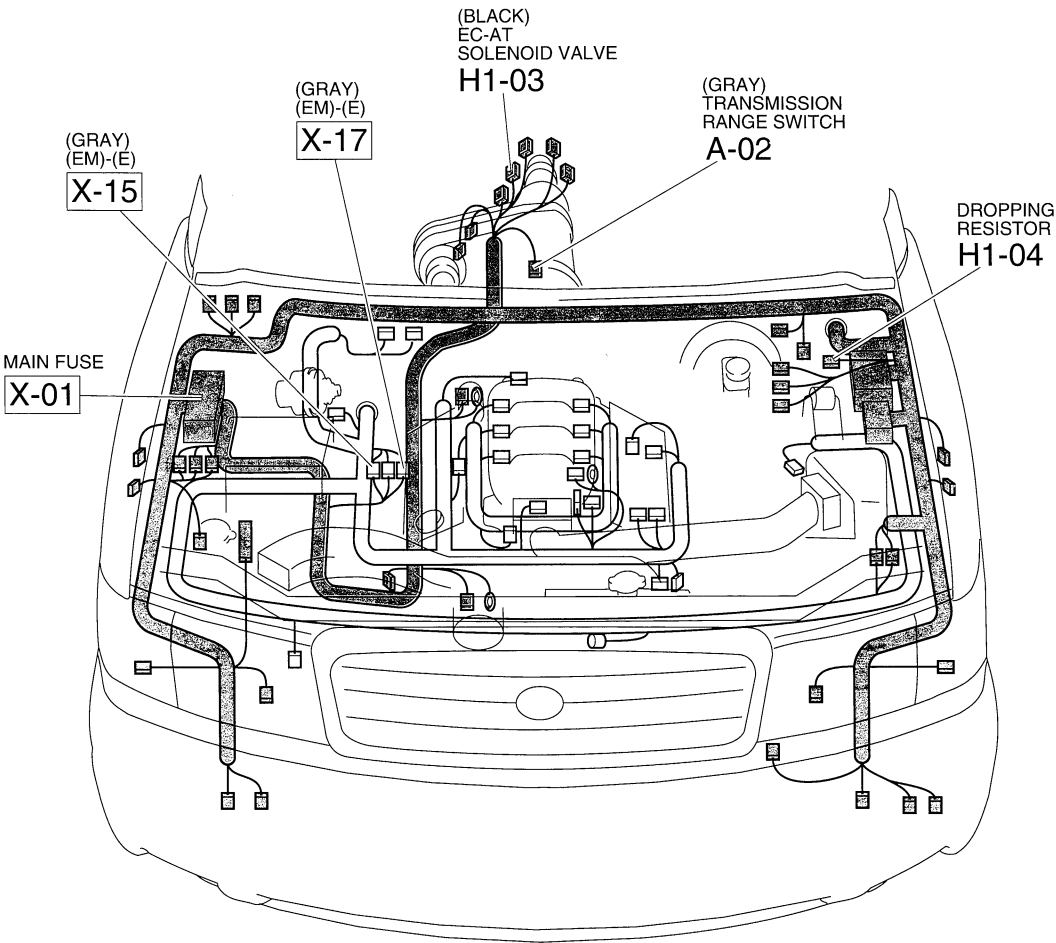
H1-02 SHIFT-LOCK SOLENOID VALVE (D)



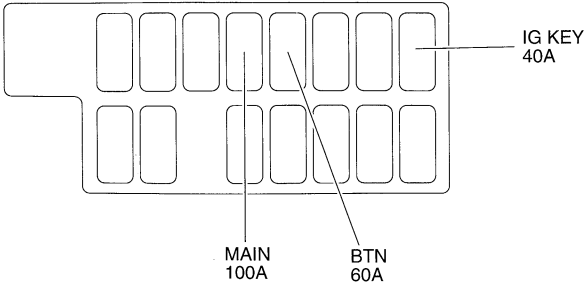
H1-03 EC-AT SOLENOID VALVE (E)



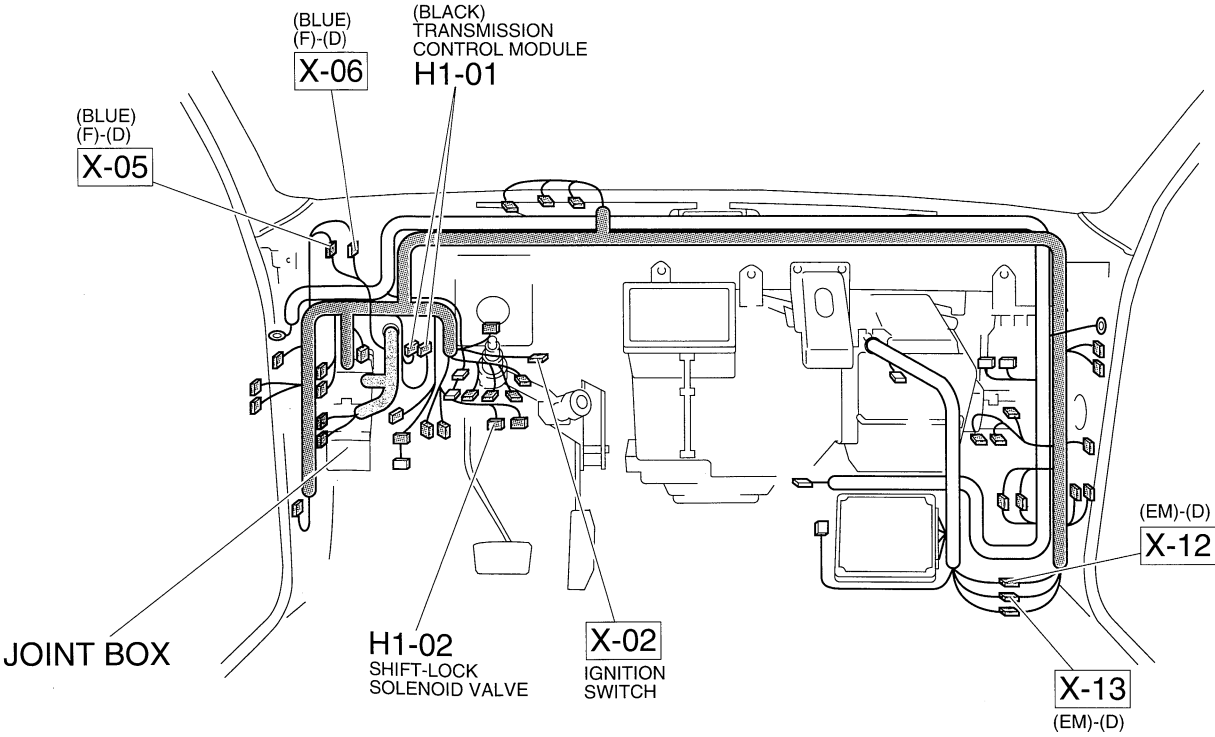
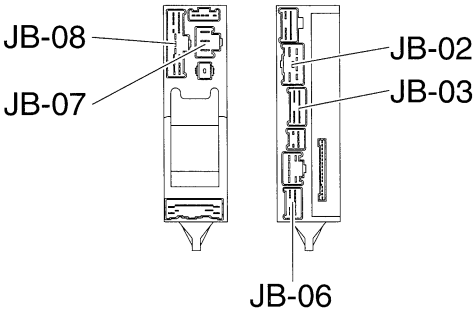
H-1a

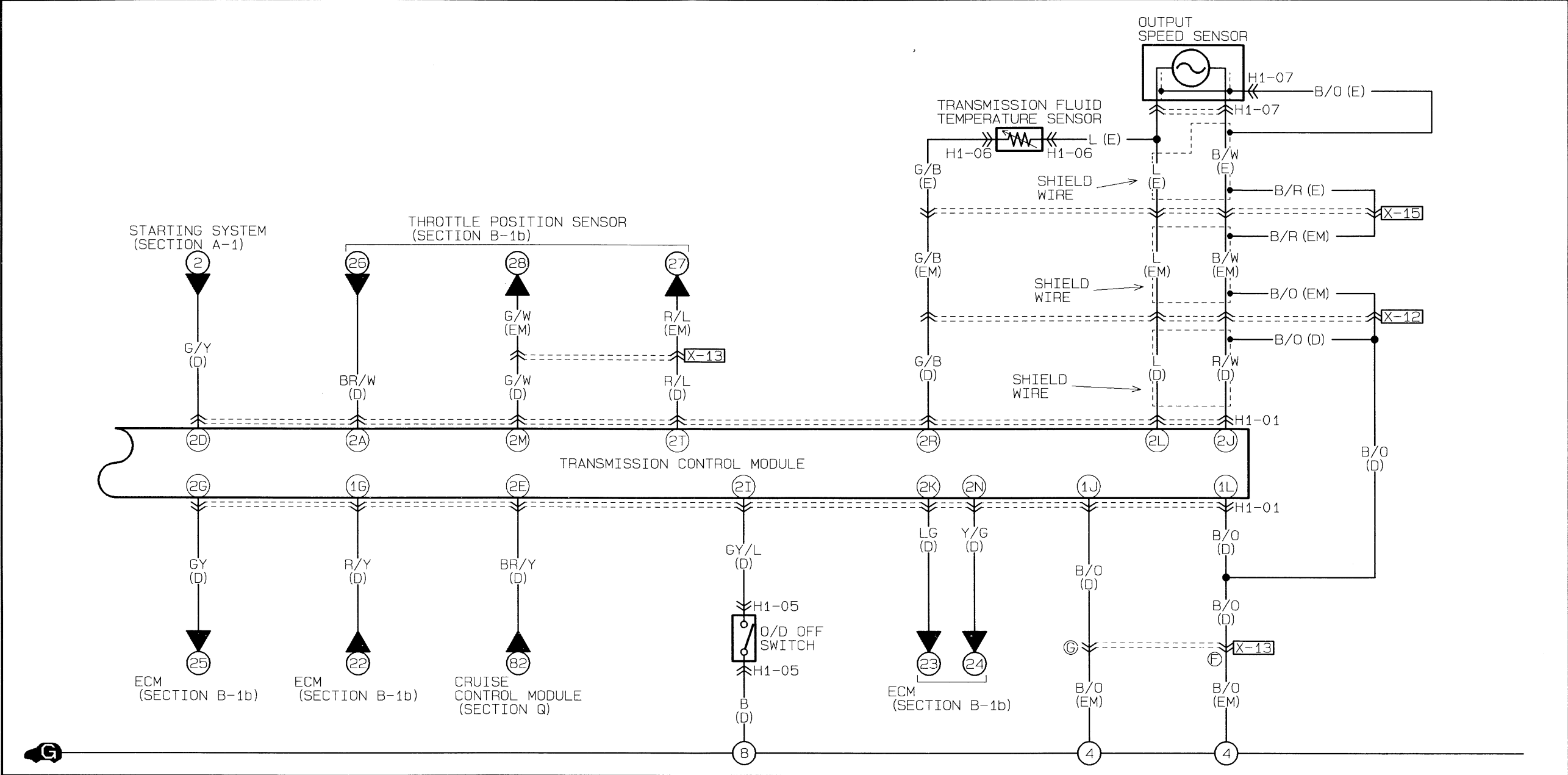


MAIN FUSE



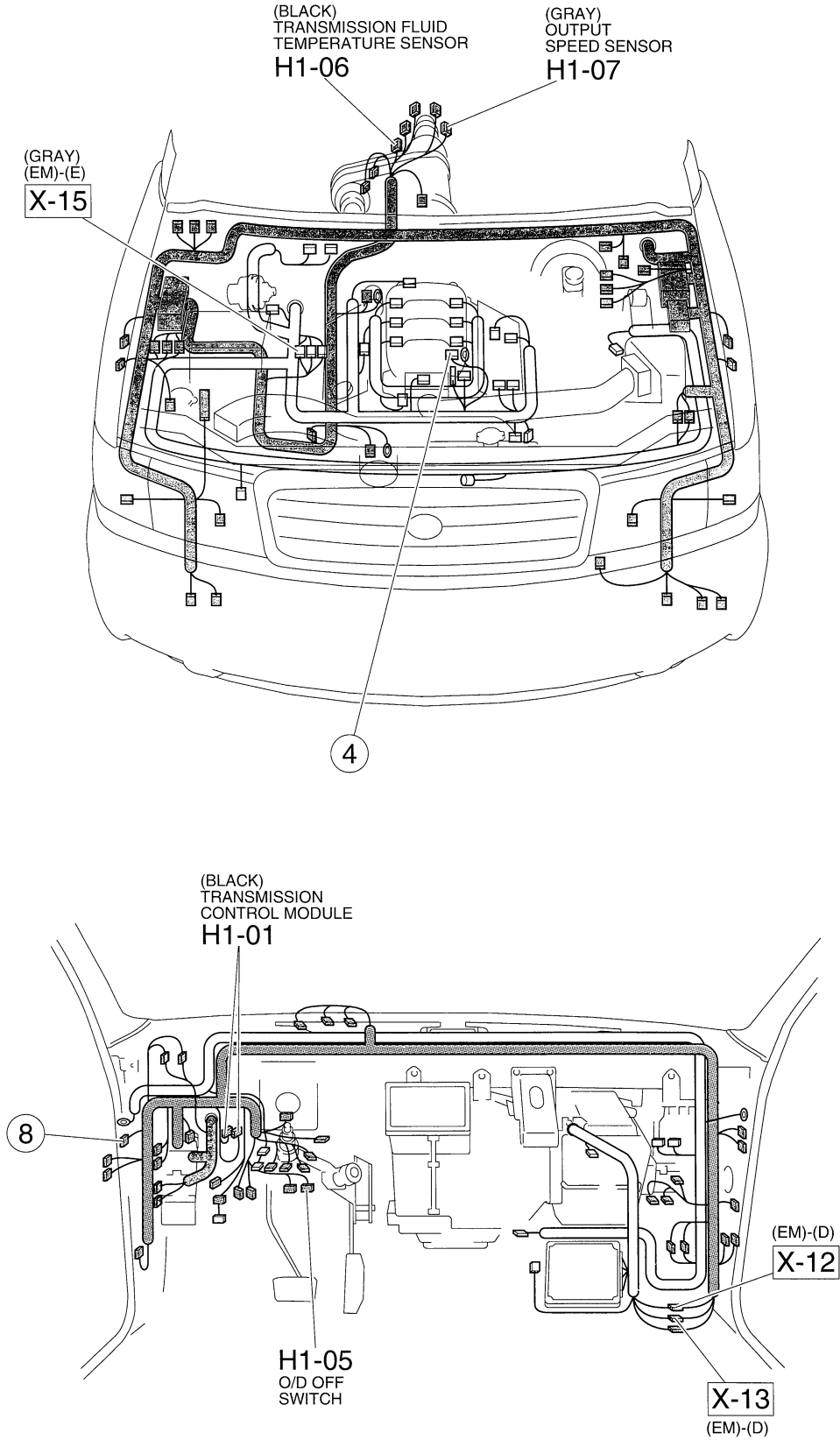
JOINT BOX



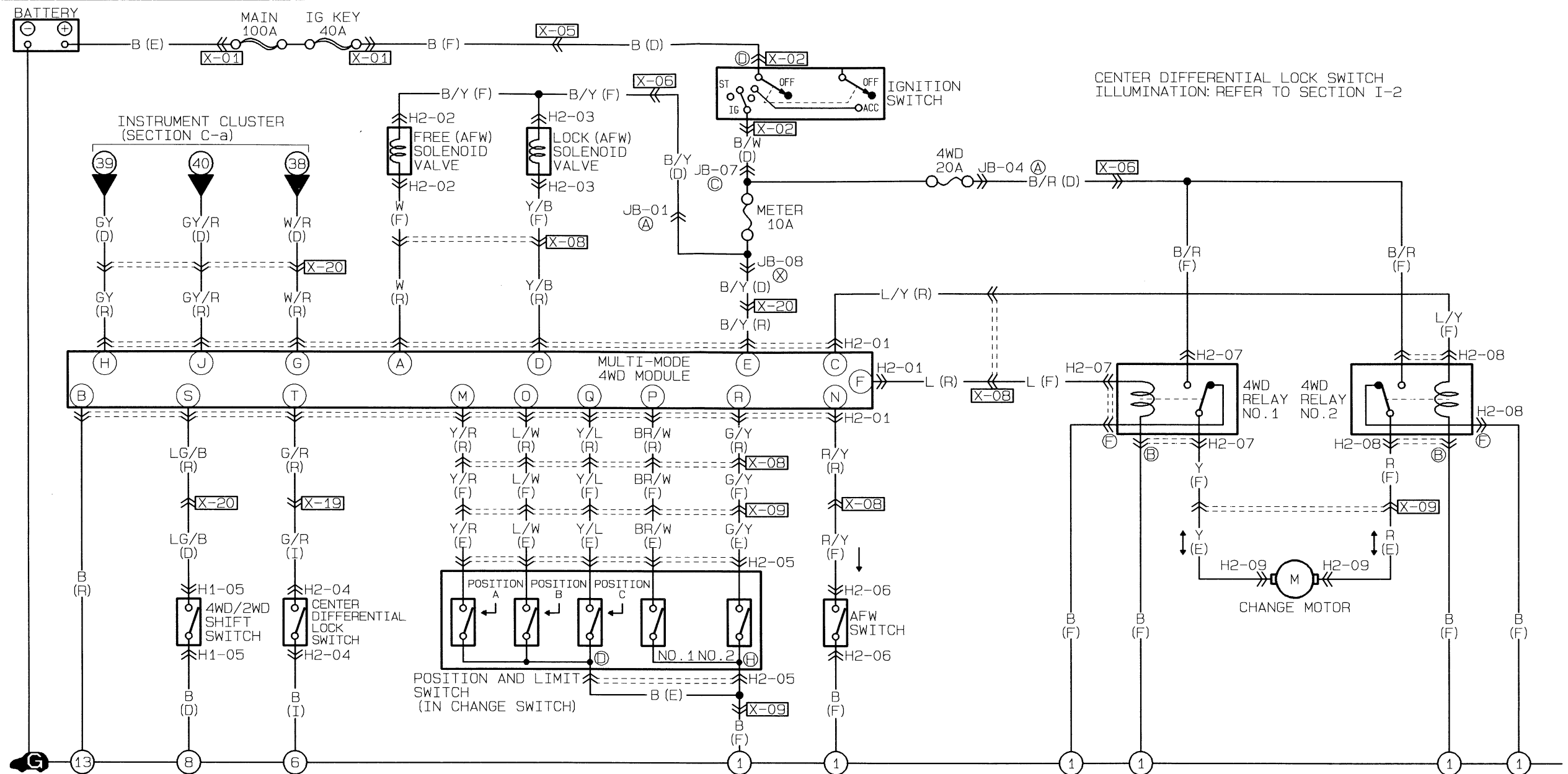


H1-01 TRANSMISSION CONTROL MODULE (D)																	H1-05 O/D OFF SWITCH (D)				H1-06 TRANSMISSION FLUID TEMPERATURE SENSOR (E)						
10	1M	1K	1I	1G	1E	1C	1A	2S	2Q	2O	2M	2K	2I	2G	2E	2C	2A										
P	W	O	G/R	R/Y	Y/L	*	L/R	Y	W/L	*	G/W	LG	GY/L	GY	BR/Y	*	BR/W										
B/Y	*	B/O	B/O	L/Y	V	P/B	W/R	R/L	G/B	*	Y/G	L	R/W	*	*	G/Y	LG/B										
1P	1N	1L	1J	1H	1F	1D	1B	2T	2R	2P	2N	2L	2J	2H	2F	2D	2B										
H1-07 OUTPUT SPEED SENSOR (E)																											

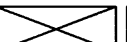
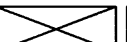
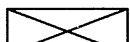
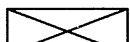
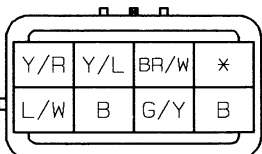
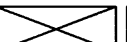
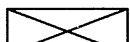
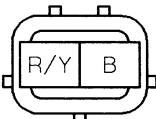
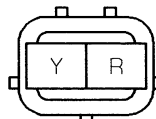
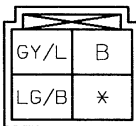
H-1b



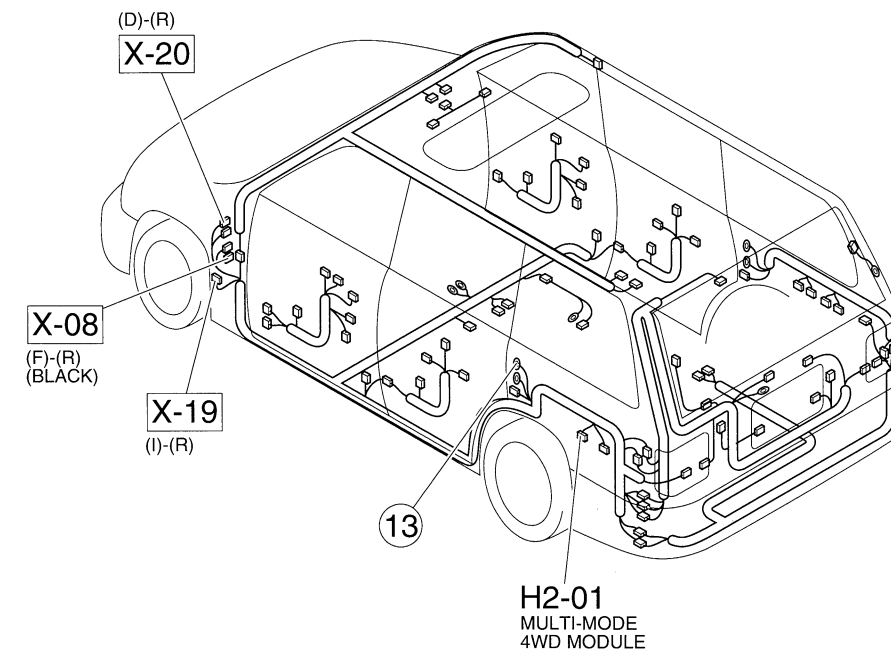
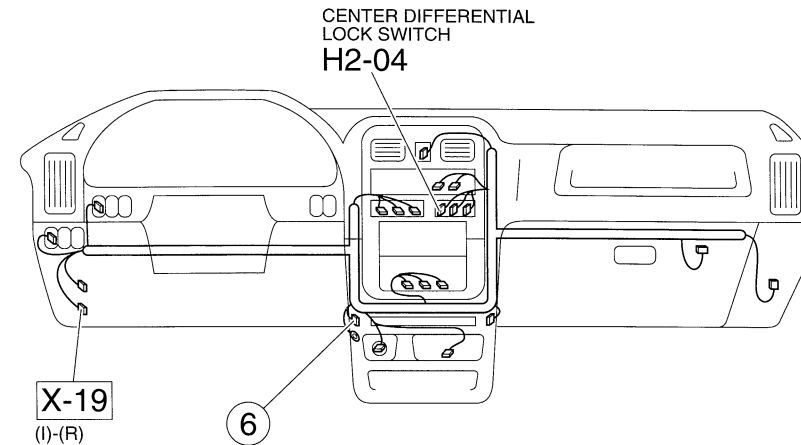
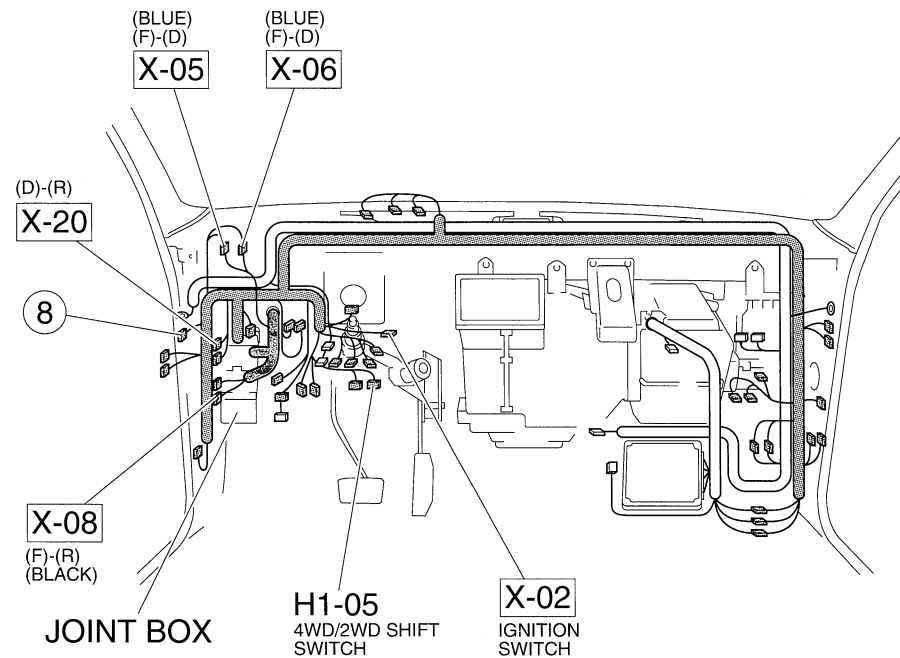
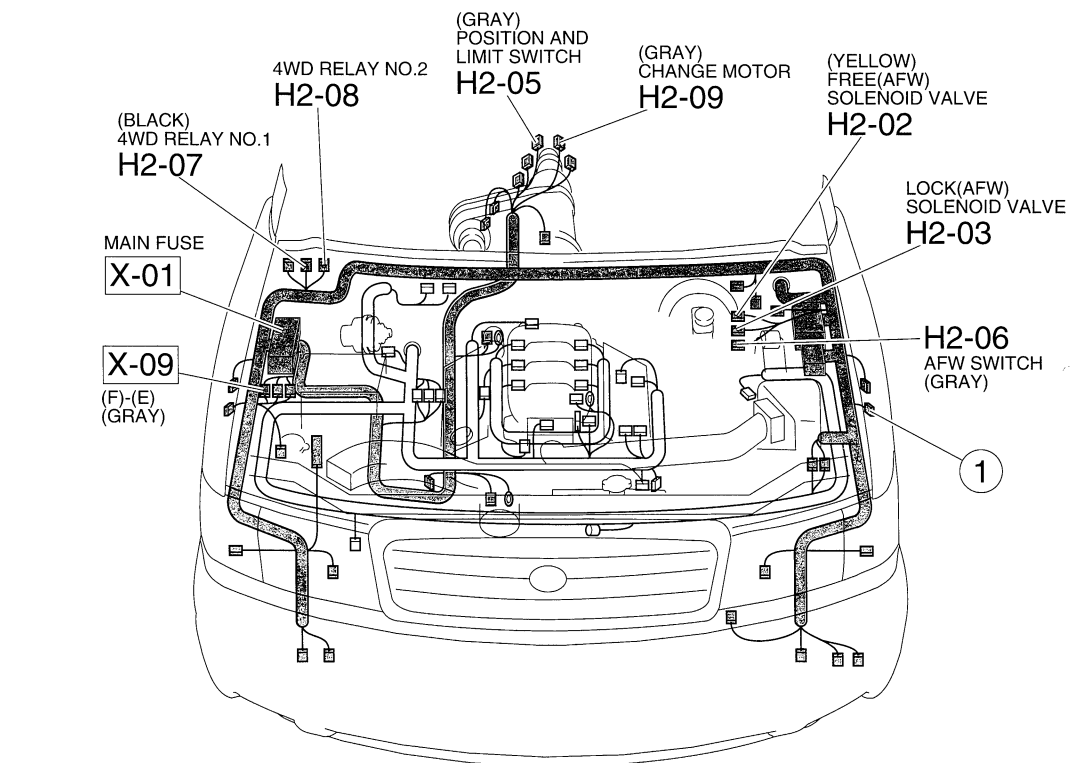
H-2 ■ MULTI-MODE 4WD SYSTEM



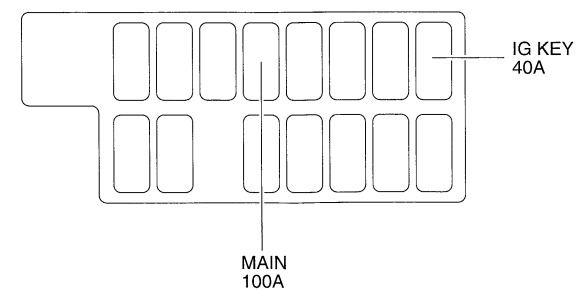
CENTER DIFFERENTIAL LOCK SWITCH
ILLUMINATION: REFER TO SECTION I-2

H2-01 MULTI-MODE 4WD MODULE (R) <table><tr><td>S</td><td>Q</td><td>O</td><td>M</td><td></td><td>G</td><td>E</td><td>C</td><td>A</td></tr><tr><td>LG/B</td><td>Y/L</td><td>L/W</td><td>Y/R</td><td></td><td>W/R</td><td>B/Y</td><td>L/Y</td><td>W</td></tr><tr><td>G/R</td><td>G/Y</td><td>BR/W</td><td>R/Y</td><td>*</td><td>GY/R</td><td>GY</td><td>L</td><td>Y/B</td></tr><tr><td>T</td><td>R</td><td>P</td><td>N</td><td>L</td><td>J</td><td>H</td><td>F</td><td>D</td></tr></table>		S	Q	O	M		G	E	C	A	LG/B	Y/L	L/W	Y/R		W/R	B/Y	L/Y	W	G/R	G/Y	BR/W	R/Y	*	GY/R	GY	L	Y/B	T	R	P	N	L	J	H	F	D	H2-02 FREE (AFW) SOLENOID VALVE (F) 		H2-03 LOCK (AFW) SOLENOID VALVE (F) 		H2-04 CENTER DIFFERENTIAL LOCK SWITCH (I) <table><tr><td>*</td><td></td><td>R/W</td></tr><tr><td>*</td><td>G/R</td><td>B</td></tr><tr><td></td><td></td><td>R</td></tr></table>		*		R/W	*	G/R	B			R	H2-05 POSITION AND LIMIT SWITCH (IN CHANGE SWITCH) (E) 	
S	Q	O	M		G	E	C	A																																														
LG/B	Y/L	L/W	Y/R		W/R	B/Y	L/Y	W																																														
G/R	G/Y	BR/W	R/Y	*	GY/R	GY	L	Y/B																																														
T	R	P	N	L	J	H	F	D																																														
*		R/W																																																				
*	G/R	B																																																				
		R																																																				
H2-06 AFW SWITCH (F) 		H2-07 4WD RELAY NO.1 (F) <table><tr><td>B/R</td><td>Y</td><td>L</td></tr><tr><td>B</td><td>*</td><td>B</td></tr></table> ⒻⒼ		B/R	Y	L	B	*	B	H2-08 4WD RELAY NO.2 (F) <table><tr><td>B/R</td><td>R</td><td>L/Y</td></tr><tr><td>B</td><td>*</td><td>B</td></tr></table> ⒻⒼ		B/R	R	L/Y	B	*	B	H2-09 CHANGE MOTOR (E) 																																				
B/R	Y	L																																																				
B	*	B																																																				
B/R	R	L/Y																																																				
B	*	B																																																				
H1-05 4WD/2WD SHIFT SWITCH (D) 																																																						

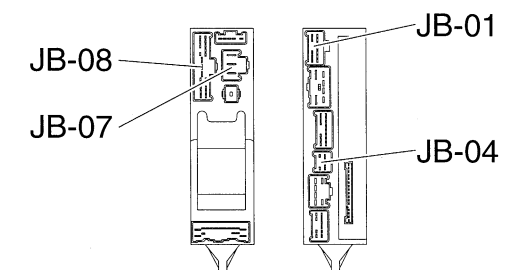
H-2



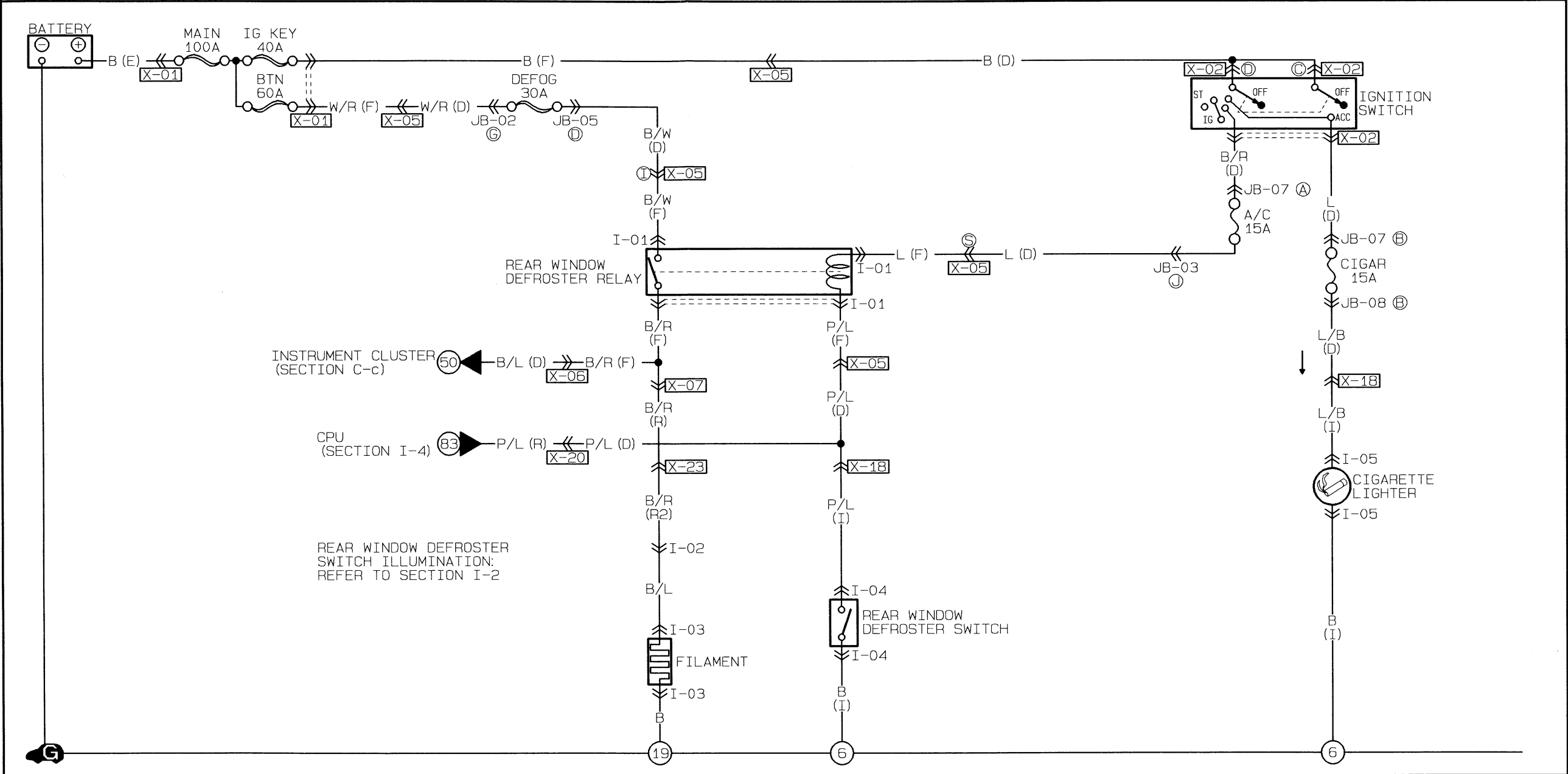
MAIN FUSE



JOINT BOX

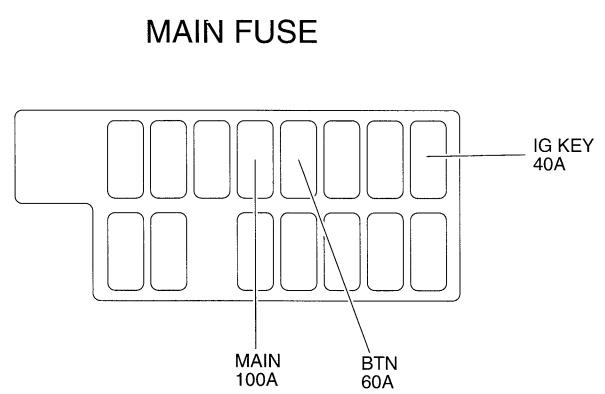
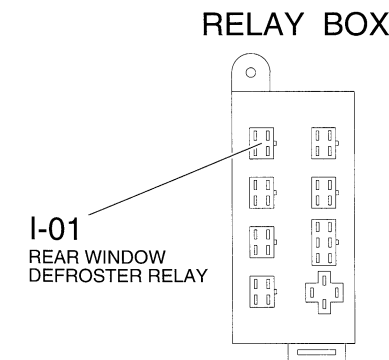
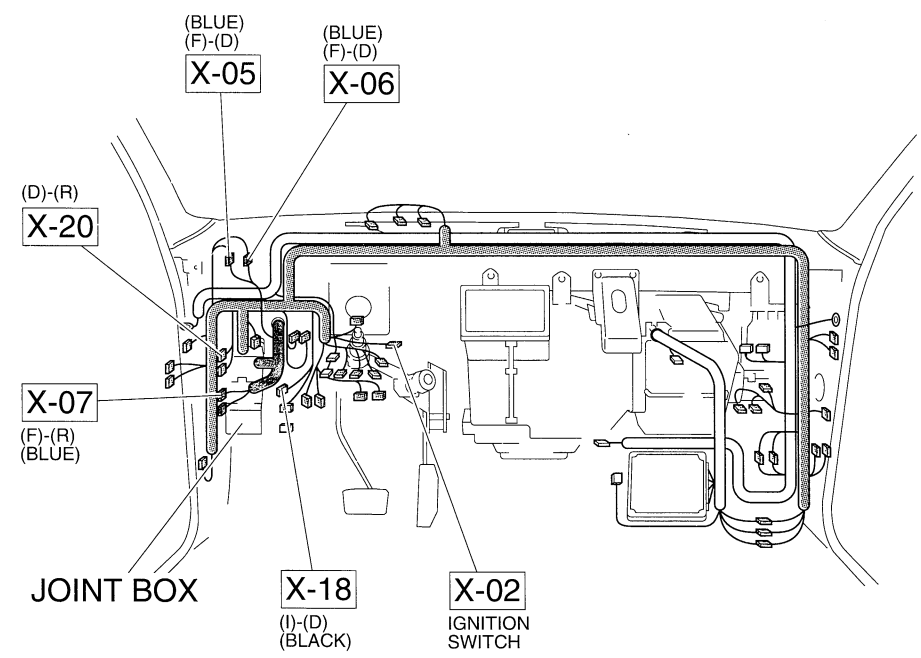
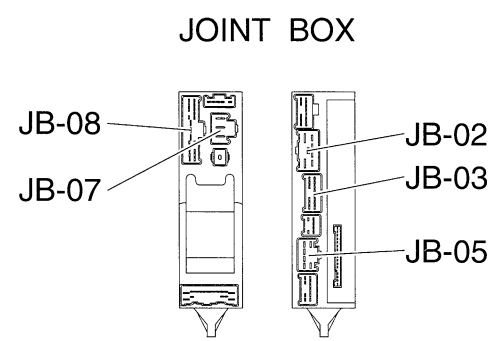
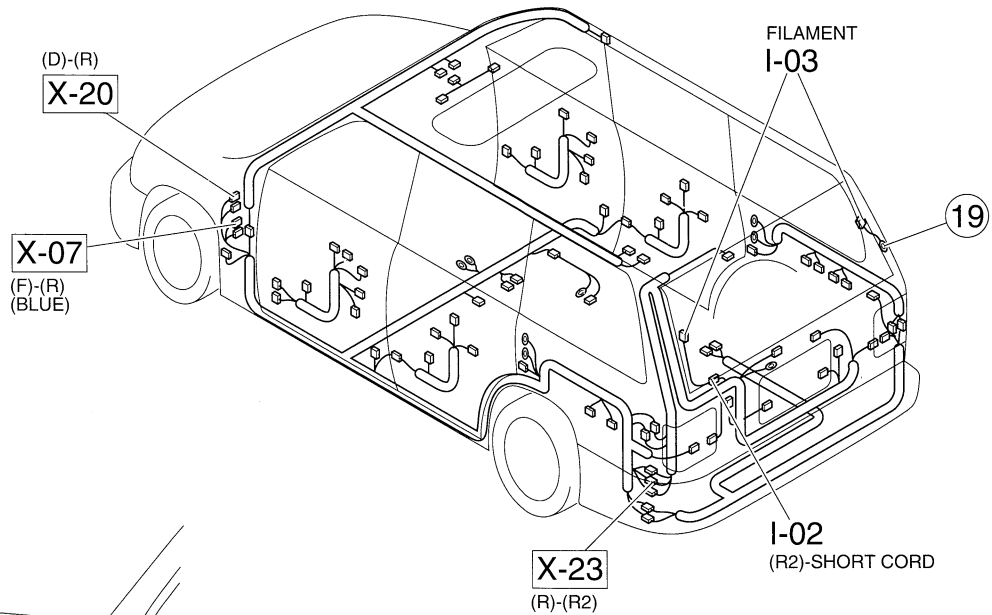
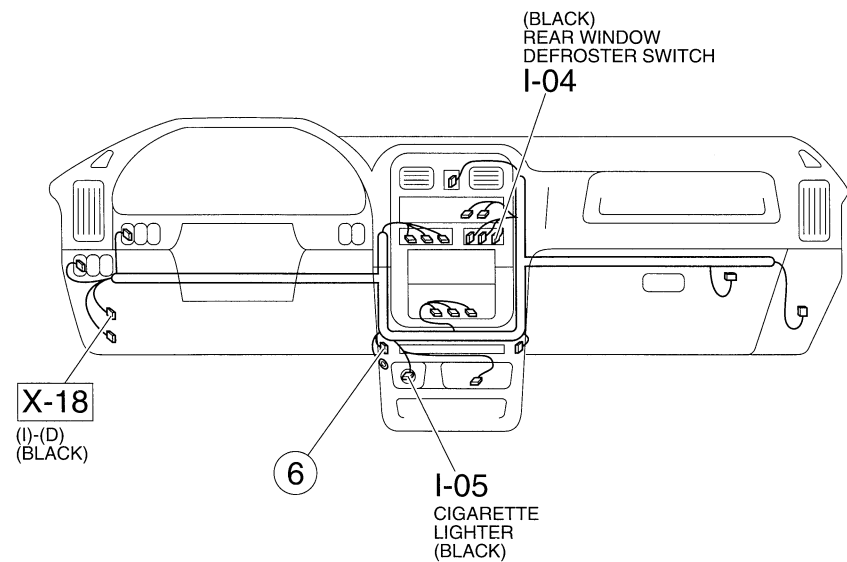
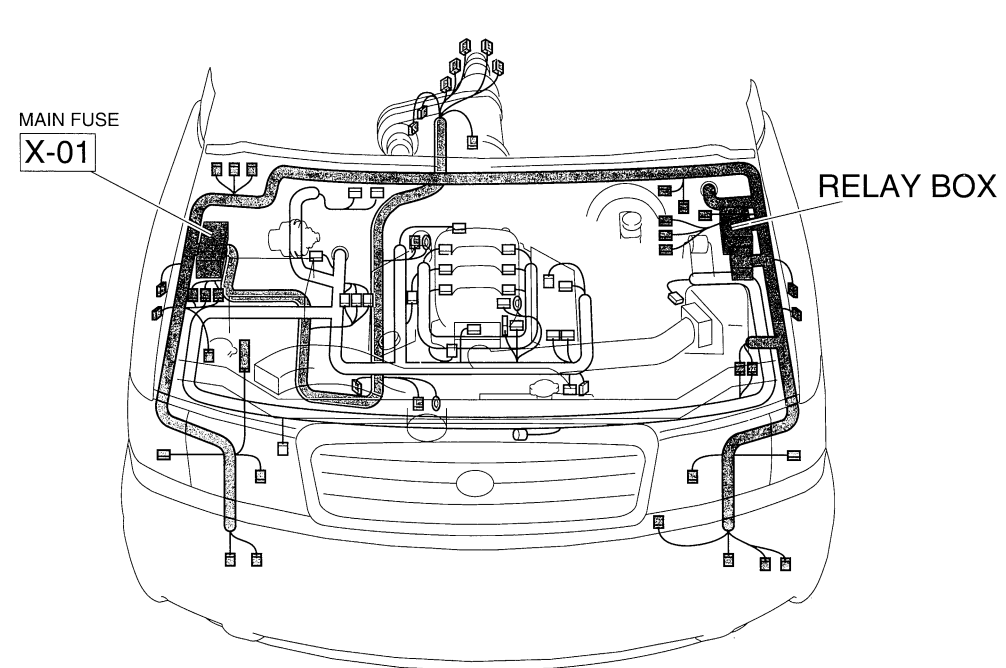


I-1 ■ REAR WINDOW DEFROSTER
■ CIGARETTE LIGHTER



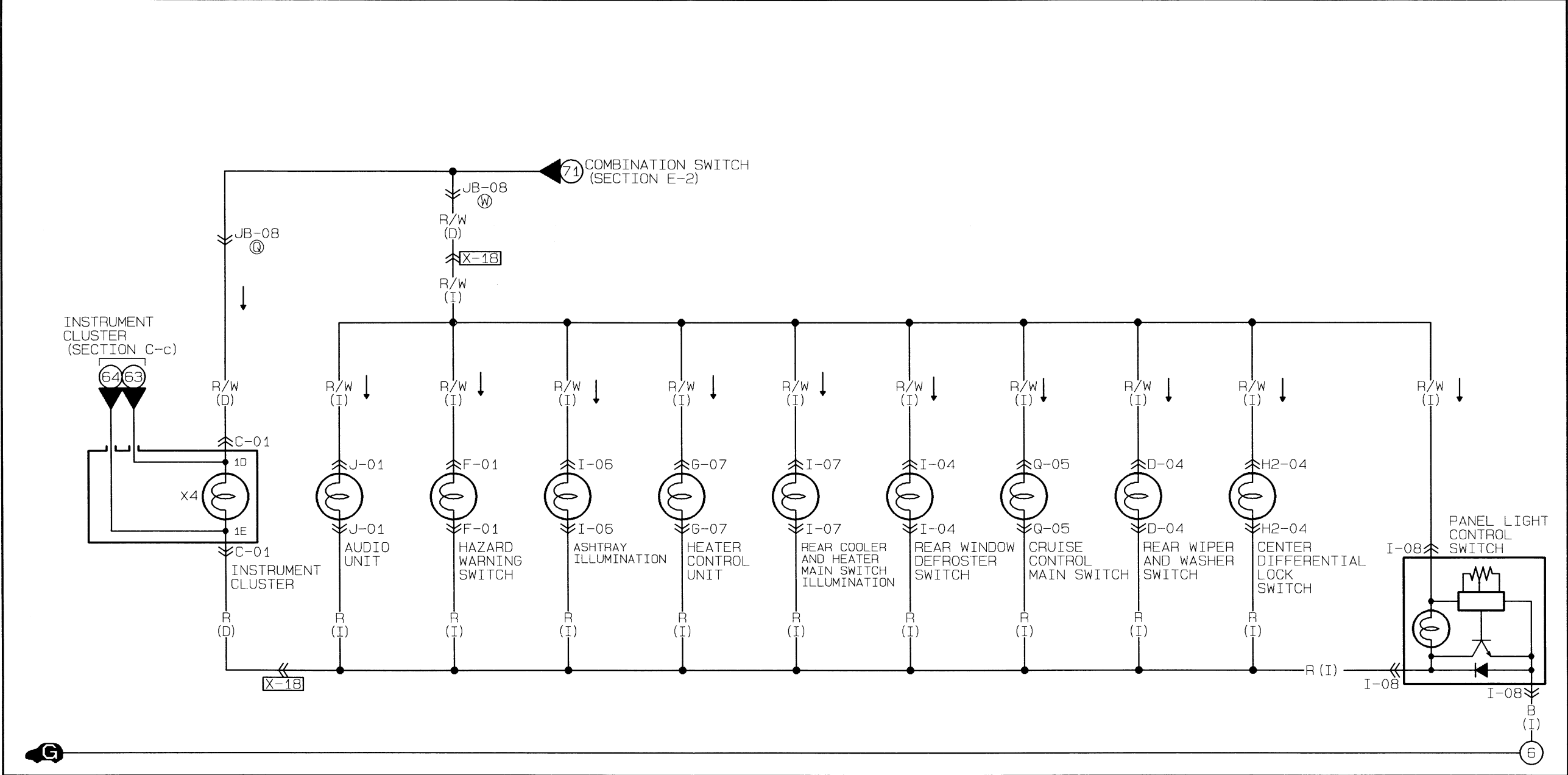
I-01 REAR WINDOW DEFROSTER RELAY (F)	I-02 REAR NO.2-SHORT CORD	I-03 FILAMENT	I-04 REAR WINDOW DEFROSTER SWITCH (I)	I-05 CIGARETTE LIGHTER (I)																		
<table><tr><td>B/W</td><td>L</td></tr><tr><td>B/R</td><td>P/L</td></tr></table>	B/W	L	B/R	P/L	<table><tr><td>(R2)</td><td>(SHORT CORD)</td></tr><tr><td>B/R</td><td>B/L</td></tr></table>	(R2)	(SHORT CORD)	B/R	B/L	<table><tr><td>B/L</td><td>B</td></tr></table>	B/L	B	<table><tr><td>*</td><td>B</td><td>R/W</td></tr><tr><td>*</td><td>P/L</td><td>R</td></tr></table>	*	B	R/W	*	P/L	R	<table><tr><td>L/B</td></tr><tr><td>B</td></tr></table>	L/B	B
B/W	L																					
B/R	P/L																					
(R2)	(SHORT CORD)																					
B/R	B/L																					
B/L	B																					
*	B	R/W																				
*	P/L	R																				
L/B																						
B																						

I-1



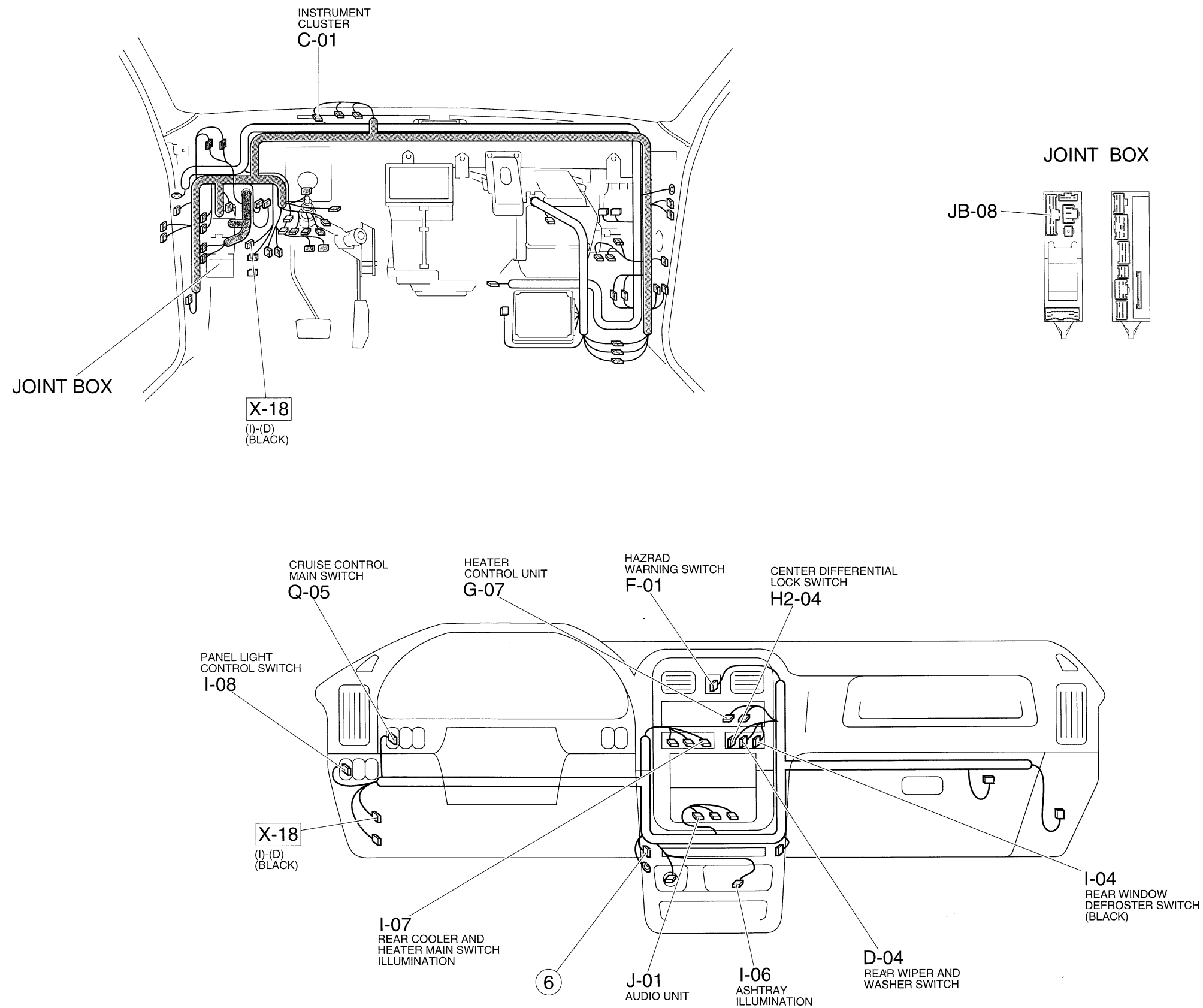
I-2 ■ ILLUMINATION LIGHTS

() ...4WD

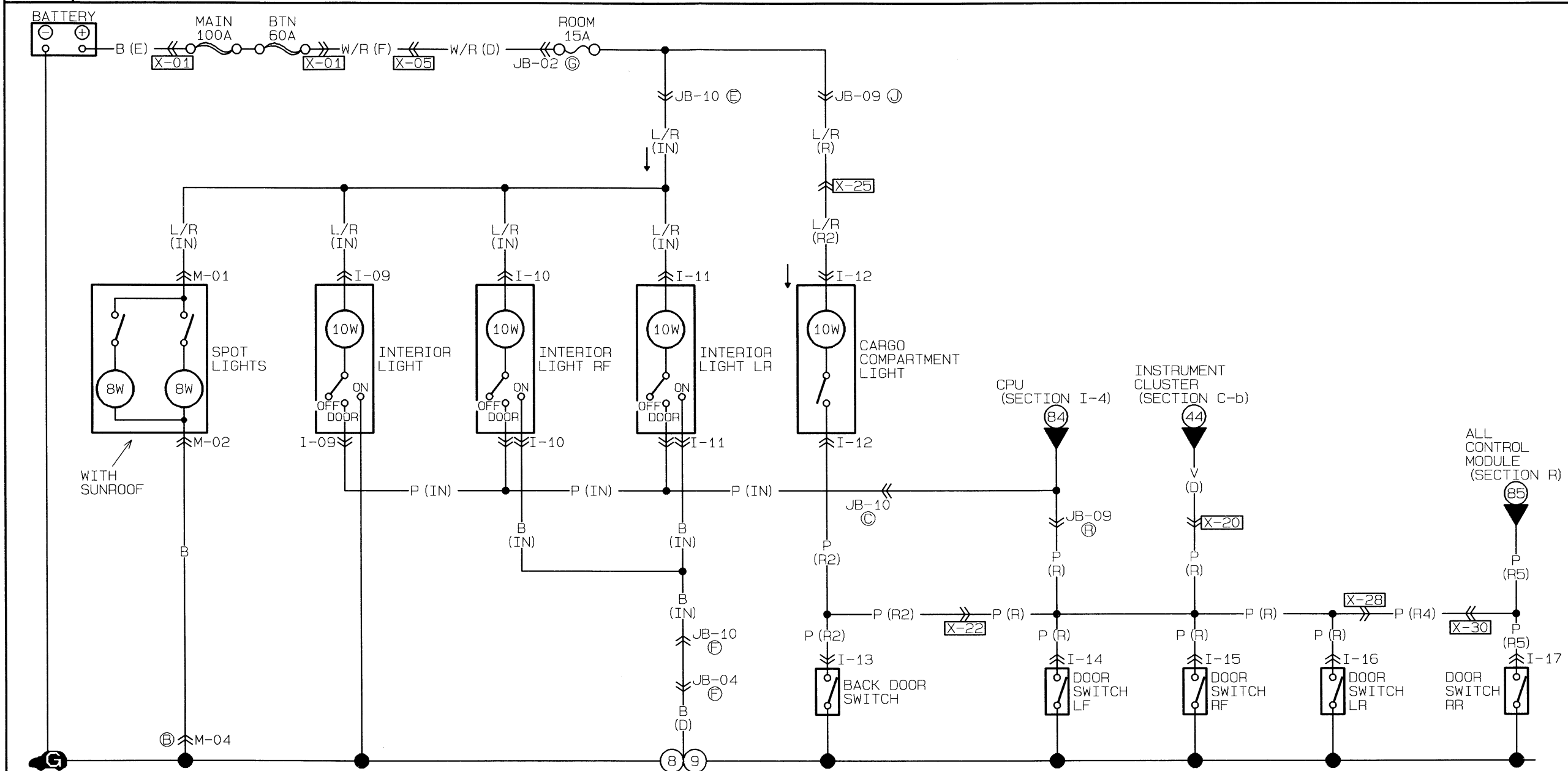


I-04 REAR WINDOW DEFROSTER SWITCH (I) <table><tr><td>*</td><td>B</td><td>R/W</td></tr><tr><td>*</td><td>P/L</td><td>R</td></tr></table>	*	B	R/W	*	P/L	R	I-06 ASHTRAY ILLUMINATION (I) <table><tr><td>R</td><td>R/W</td></tr></table>	R	R/W	I-07 REAR COOLER AND HEATER MAIN SWITCH ILLUMINATION (I) <table><tr><td>R</td><td>R/W</td></tr></table>	R	R/W	I-08 PANEL LIGHT CONTROL SWITCH (I) <table><tr><td>B</td><td> </td><td>R</td></tr><tr><td>*</td><td>*</td><td>R/W</td></tr></table>	B		R	*	*	R/W	C-01 INSTRUMENT CLUSTER (D) <table><tr><td>G/W</td><td>B</td><td>LG/R</td><td>^(W/R)*</td><td>Y/B</td><td>Y</td><td>B/Y</td><td>G/R</td><td>^(G)*</td><td>R</td><td>R/W</td><td>G/B</td><td>G/O</td><td>*</td></tr><tr><td>1N</td><td>1M</td><td>1L</td><td>1K</td><td>1J</td><td>1I</td><td>1H</td><td>1G</td><td>1F</td><td>1E</td><td>1D</td><td>1C</td><td>1B</td><td>1A</td></tr></table>	G/W	B	LG/R	^(W/R) *	Y/B	Y	B/Y	G/R	^(G) *	R	R/W	G/B	G/O	*	1N	1M	1L	1K	1J	1I	1H	1G	1F	1E	1D	1C	1B	1A
*	B	R/W																																														
*	P/L	R																																														
R	R/W																																															
R	R/W																																															
B		R																																														
*	*	R/W																																														
G/W	B	LG/R	^(W/R) *	Y/B	Y	B/Y	G/R	^(G) *	R	R/W	G/B	G/O	*																																			
1N	1M	1L	1K	1J	1I	1H	1G	1F	1E	1D	1C	1B	1A																																			
D-04 REAR WIPER AND WASHER SWITCH (I) <table><tr><td>W/R</td><td> </td><td>R/W</td></tr><tr><td>BR</td><td>B</td><td>*</td></tr></table>	W/R		R/W	BR	B	*	F-01 HAZARD WARNING SWITCH (I) <table><tr><td>B</td><td>R/W</td></tr><tr><td>R</td><td>G/Y</td></tr></table>	B	R/W	R	G/Y	G-07 HEATER CONTROL UNIT (I) <table><tr><td>L/O</td><td>L/B</td><td> </td><td>G</td><td>R</td><td>R/W</td></tr><tr><td>L/W</td><td>L/R</td><td>B</td></tr></table>		L/O	L/B		G	R	R/W	L/W	L/R	B	H2-04 CENTER DIFFERENTIAL LOCK SWITCH (I) <table><tr><td>*</td><td> </td><td>R/W</td></tr><tr><td>*</td><td>G/R</td><td>B</td></tr></table>	*		R/W	*	G/R	B	J-01 AUDIO UNIT (I) <table><tr><td>L</td><td>G/R</td><td> </td><td>R/W</td><td>L/R</td><td>L/B</td></tr><tr><td>L/W</td><td>G/O</td><td>*</td><td>*</td><td>R</td><td>*</td></tr></table>	L	G/R		R/W	L/R	L/B	L/W	G/O	*	*	R	*						
W/R		R/W																																														
BR	B	*																																														
B	R/W																																															
R	G/Y																																															
L/O	L/B		G	R	R/W																																											
L/W	L/R	B																																														
*		R/W																																														
*	G/R	B																																														
L	G/R		R/W	L/R	L/B																																											
L/W	G/O	*	*	R	*																																											
Q-05 CRUISE CONTROL MAIN SWITCH (I) <table><tr><td>*</td><td>Y/G</td><td>R/W</td></tr><tr><td>B</td><td>B/Y</td><td>R</td></tr></table>	*	Y/G	R/W	B	B/Y	R																																										
*	Y/G	R/W																																														
B	B/Y	R																																														

I-2

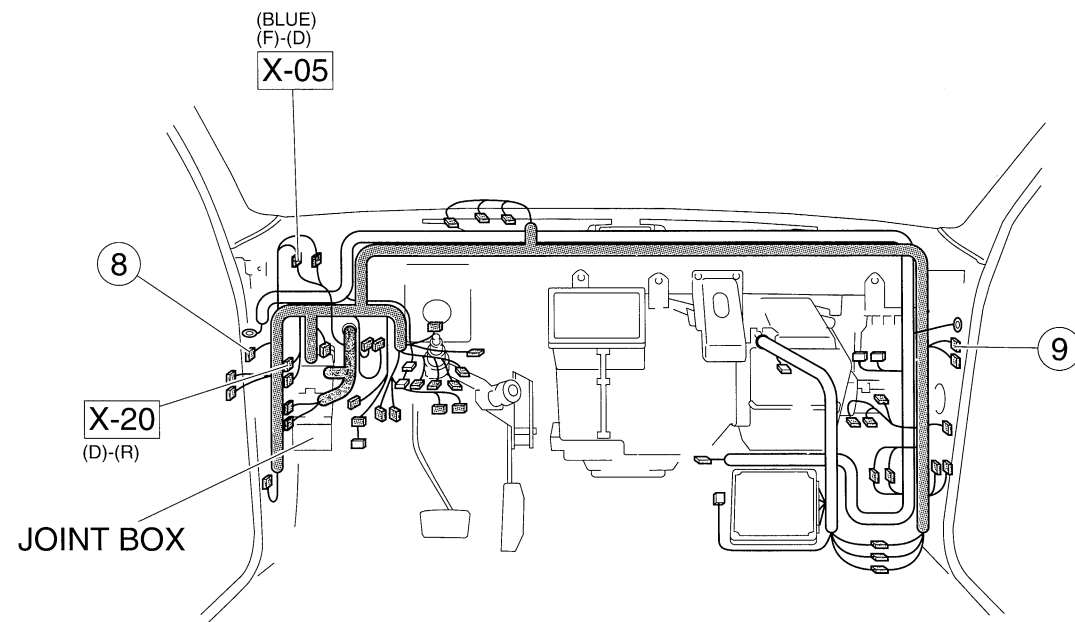
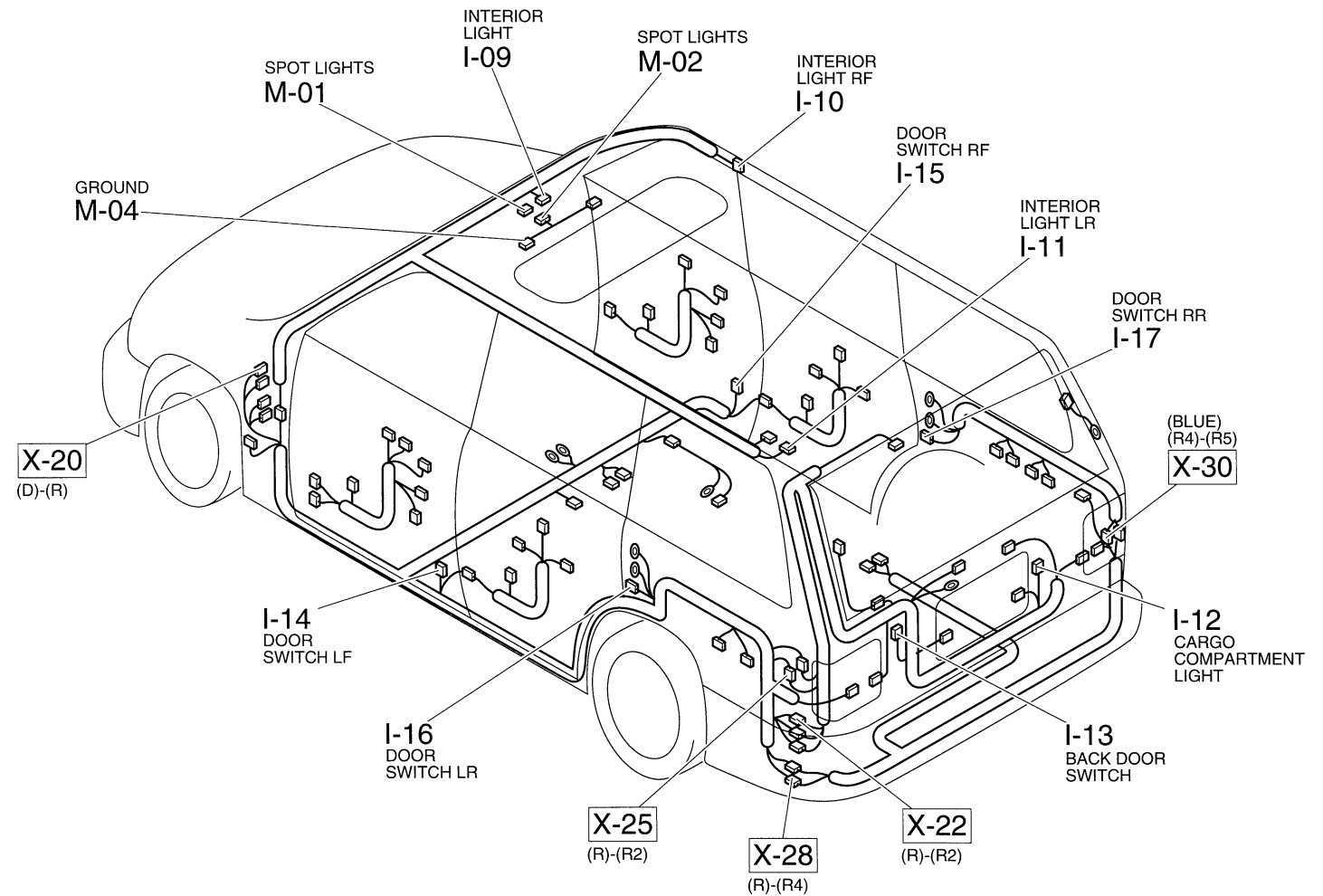
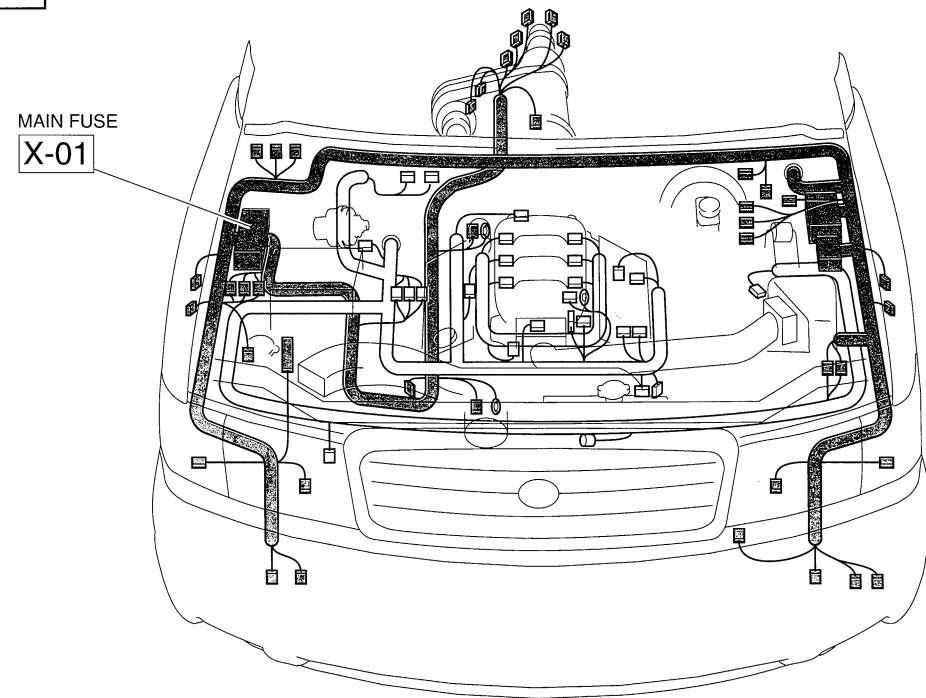


**I-3 ■ INTERIOR AND SPOT LIGHTS
■ CARGO COMPARTMENT LIGHT**

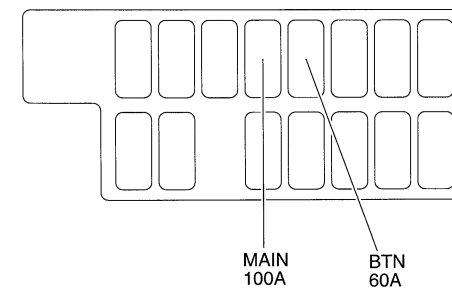


I-09 INTERIOR LIGHT (IN)	I-10 INTERIOR LIGHT RF (IN)	I-11 INTERIOR LIGHT LR (IN)	I-12 CARGO COMPARTMENT LIGHT (R2)	I-13 BACK DOOR SWITCH (R2)	I-14 DOOR SWITCH LF (R)	I-15 DOOR SWITCH RF (R)
I-16 DOOR SWITCH LR (R)	I-17 DOOR SWITCH RR (R5)	M-01 SPOT LIGHTS (IN)	M-02 SPOT LIGHTS	M-04 GROUND		

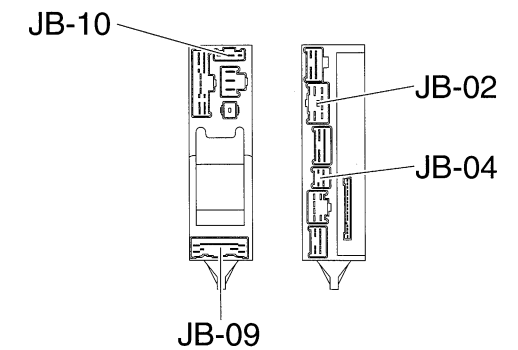
I-3



MAIN FUSE

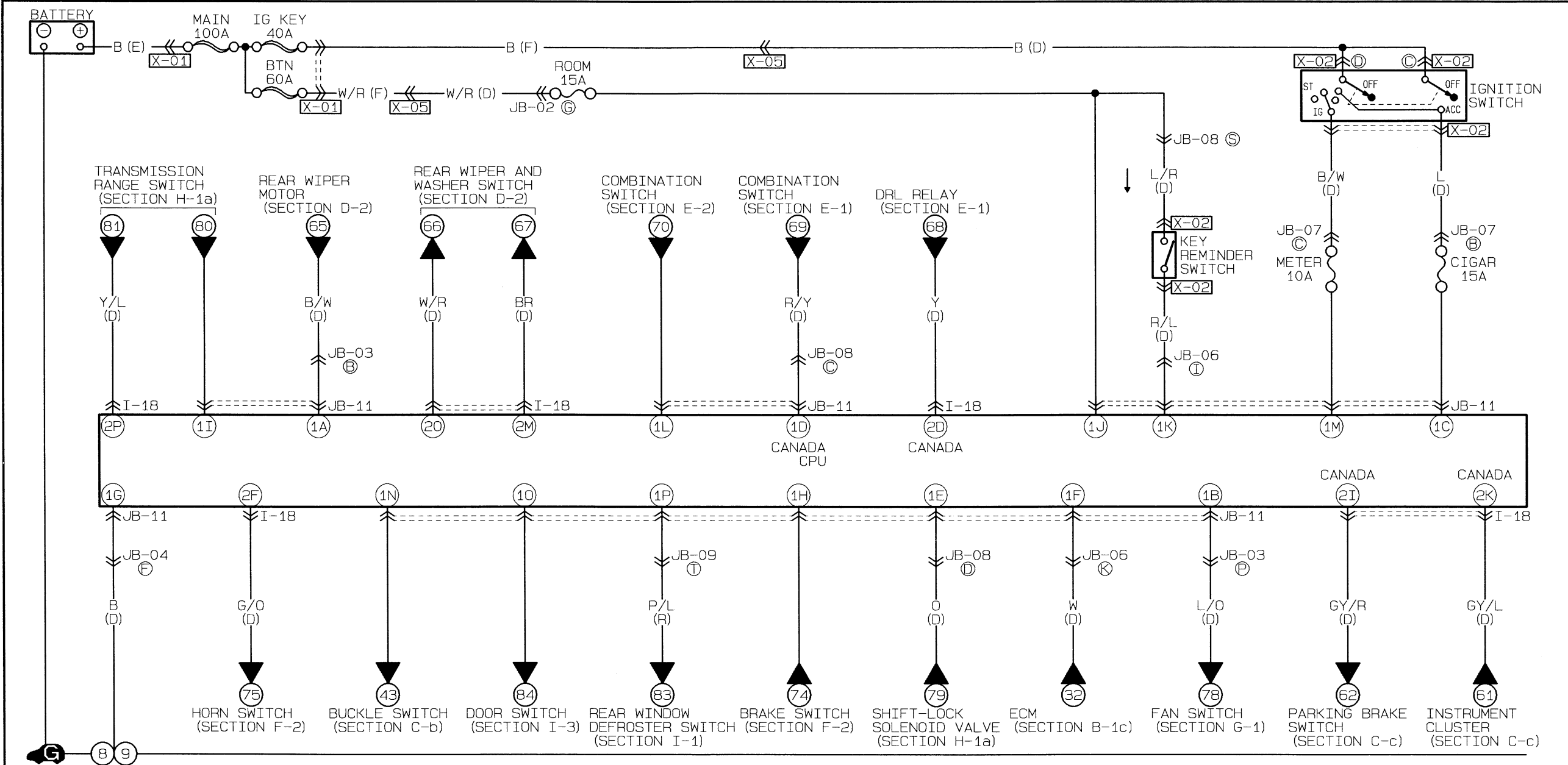


JOINT BOX



I-4 ■ CENTRAL PROCESSING UNIT (CPU)

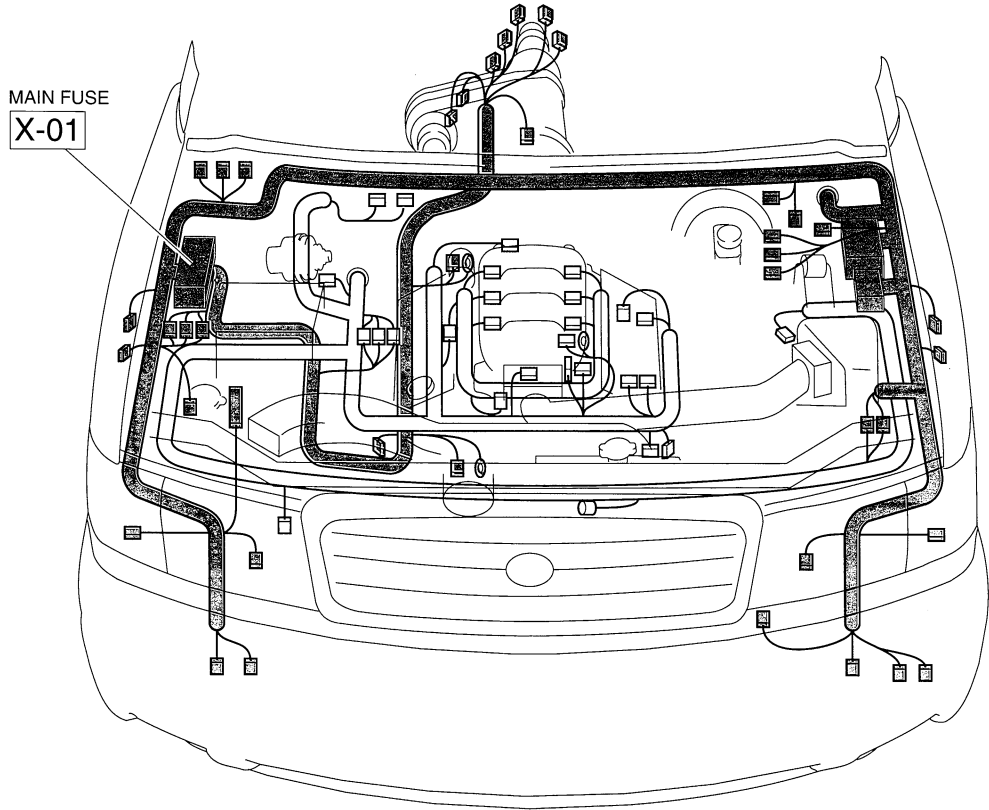
★...CANADA
THE CPU CONSIST OF I-4 AND K-2



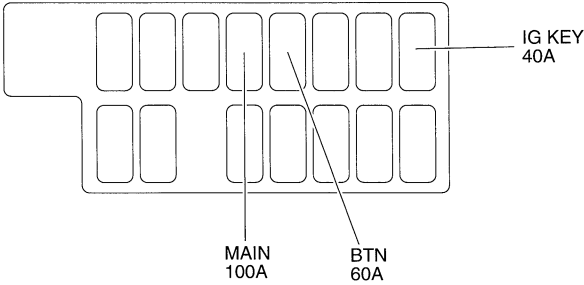
I-18 CPU (D)

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W/R	BR	★GY/L	★GY/R	G/W	LG	GY	G/B
Y/L	L/O	*	*	*	G/D	★Y	*
2P	2N	2L	2J	2H	2F	2D	2B

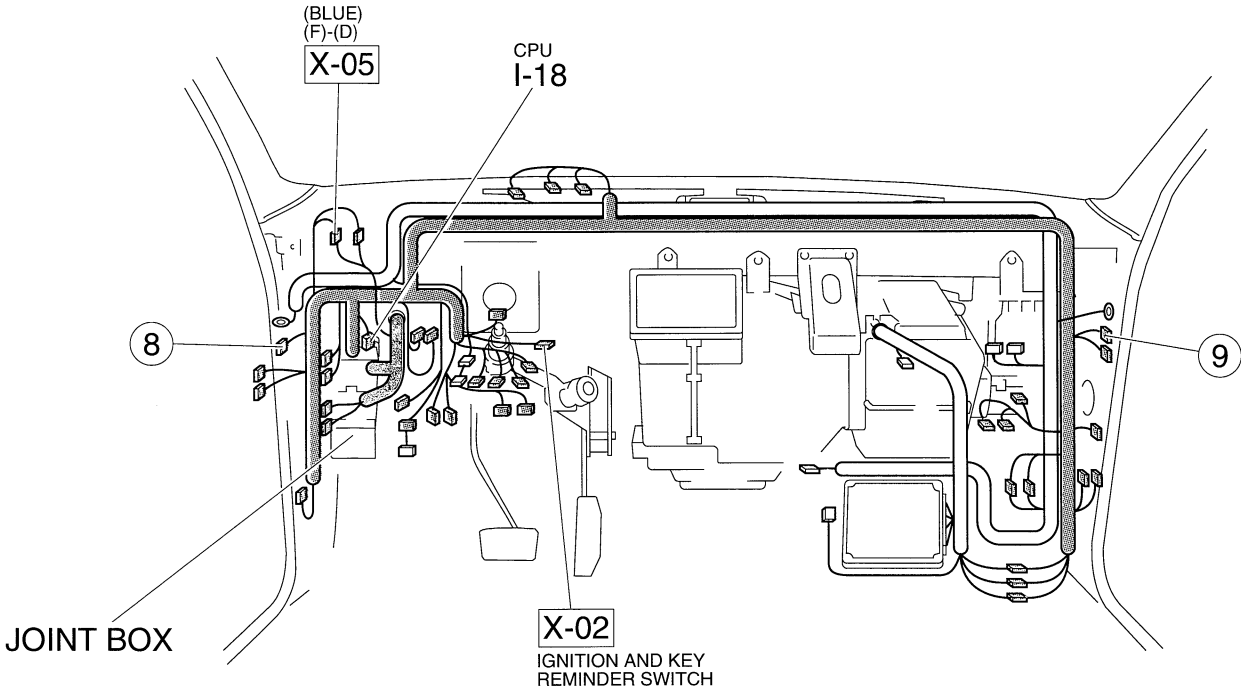
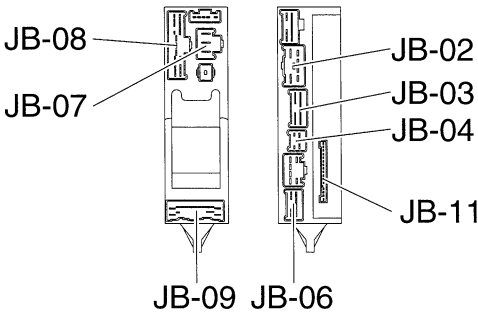
I-4



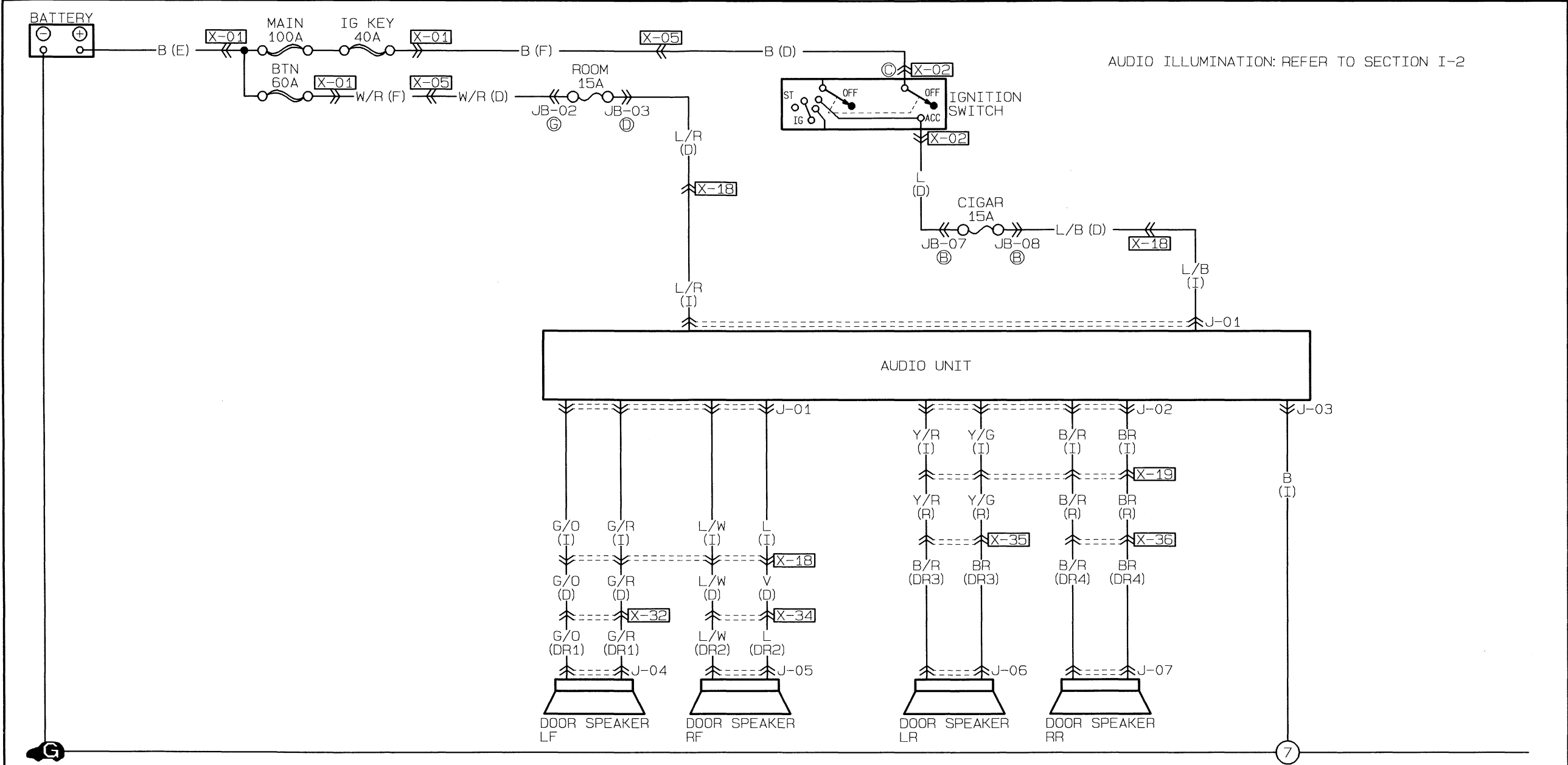
MAIN FUSE



JOINT BOX

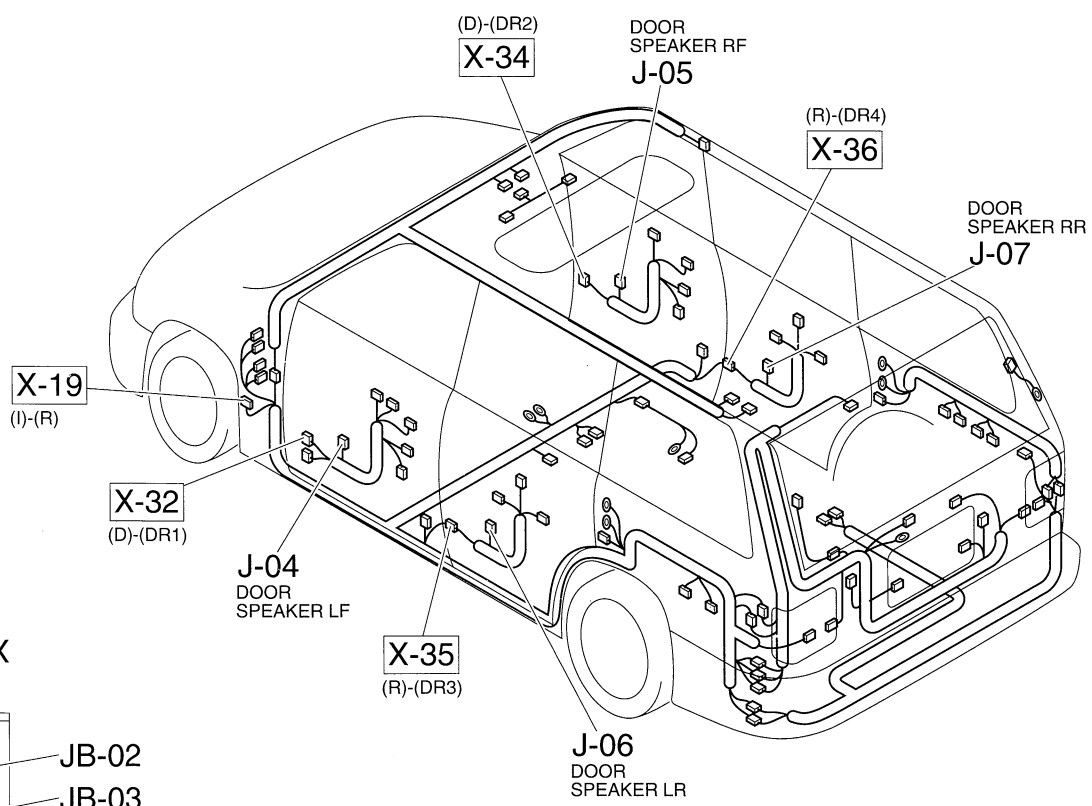
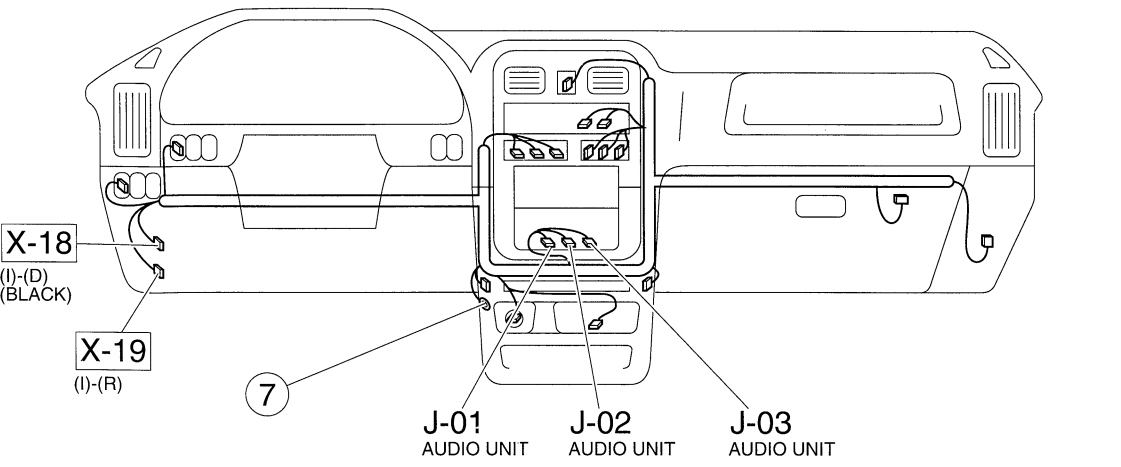
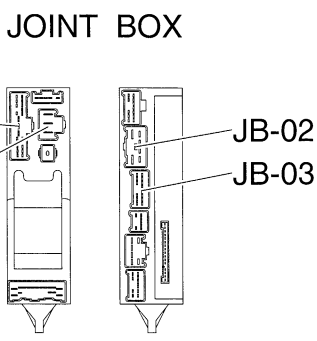
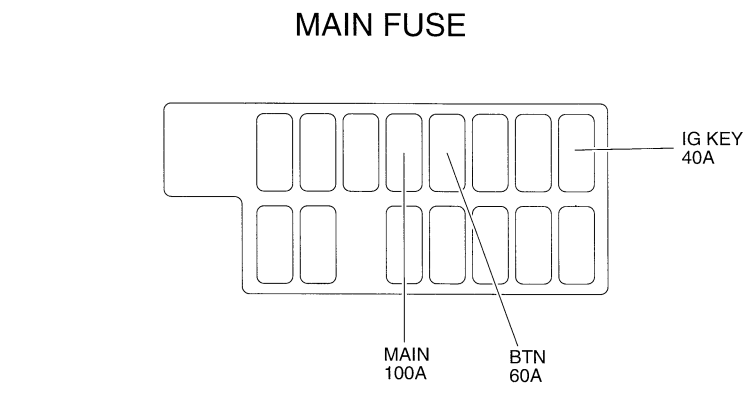
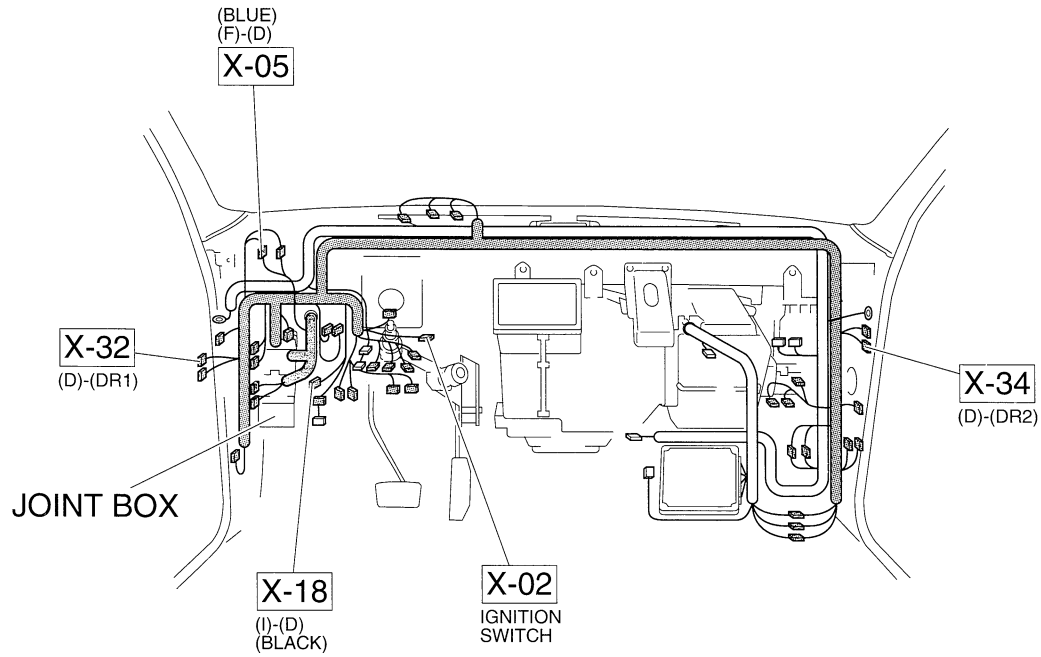
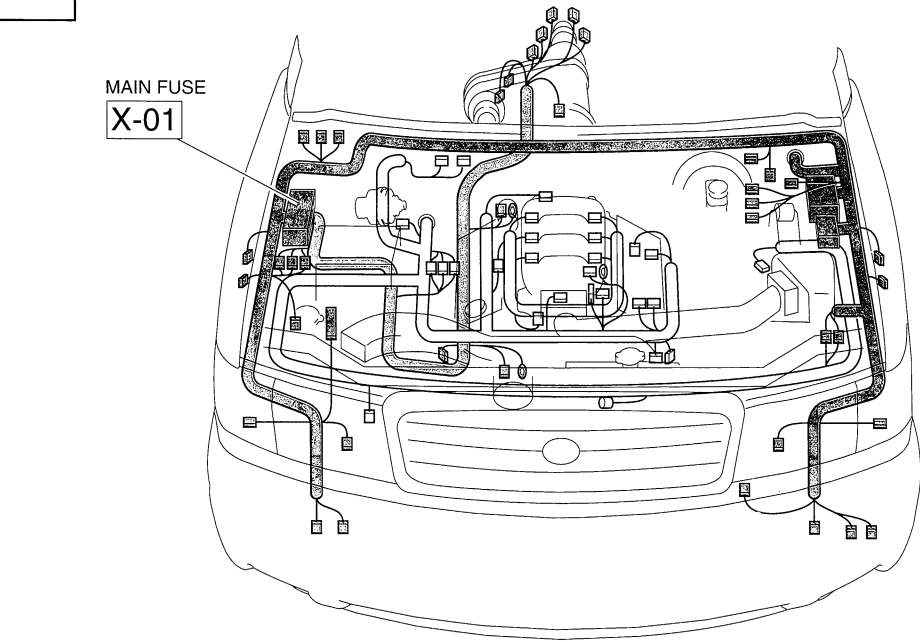


J ■ AUDIO SYSTEM



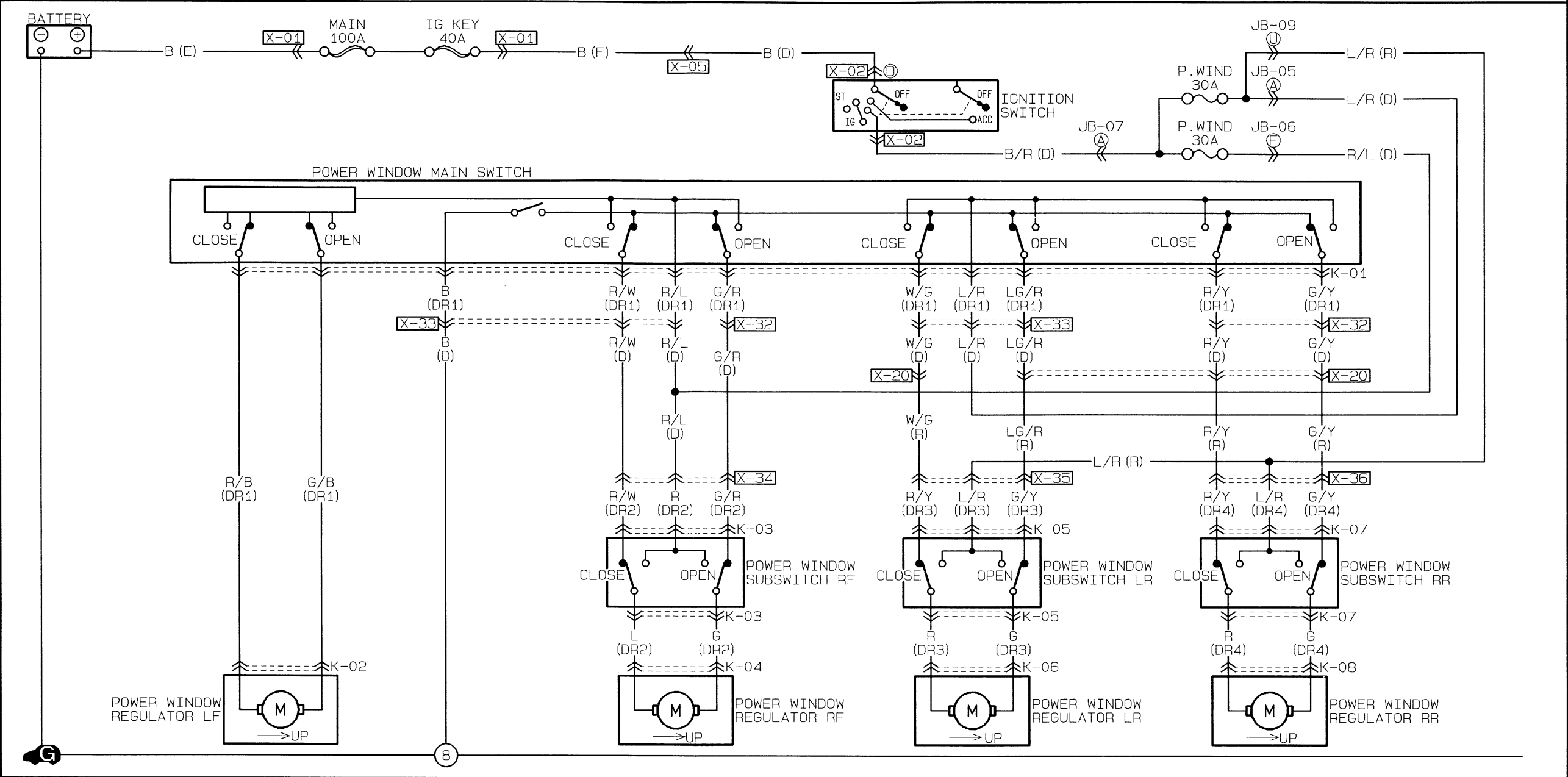
J-01 AUDIO UNIT (I)		J-02 AUDIO UNIT (I)		J-03 AUDIO UNIT (I)	J-04 DOOR SPEAKER LF (DR1)	J-05 DOOR SPEAKER RF (DR2)																						
<table><tr><td>L</td><td>G/R</td><td> </td><td>R/W</td><td>L/R</td><td>L/B</td></tr><tr><td>L/W</td><td>G/O</td><td>*</td><td>*</td><td>R</td><td>*</td><td>*</td></tr></table>		L	G/R		R/W	L/R	L/B	L/W	G/O	*	*	R	*	*	<table><tr><td>*</td><td> </td><td>*</td><td>Y/G</td></tr><tr><td>*</td><td>B/R</td><td>BR</td><td>*</td><td>Y/R</td></tr></table>		*		*	Y/G	*	B/R	BR	*	Y/R	B	G/O G/R	L/W L
L	G/R		R/W	L/R	L/B																							
L/W	G/O	*	*	R	*	*																						
*		*	Y/G																									
*	B/R	BR	*	Y/R																								
J-06 DOOR SPEAKER LR (DR3)	J-07 DOOR SPEAKER RR (DR4)																											
B/R BR	B/R BR																											

J



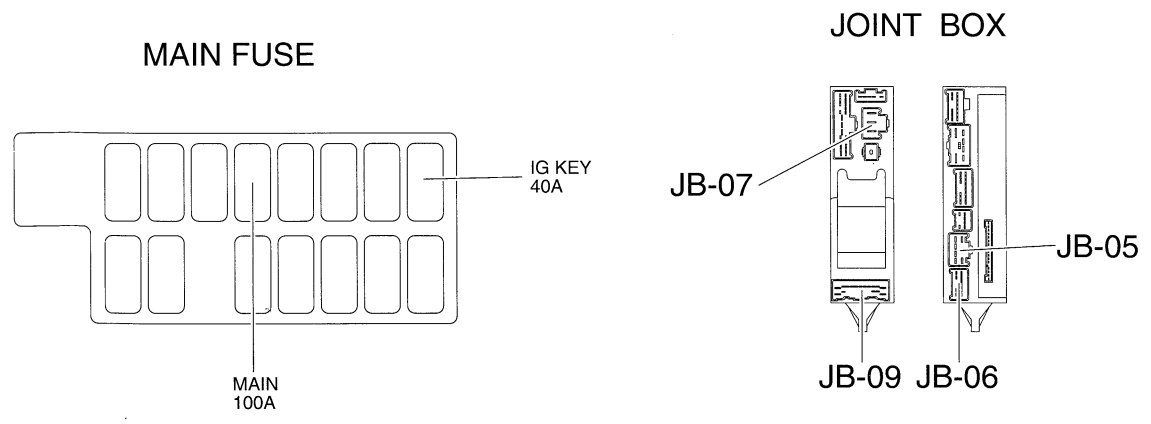
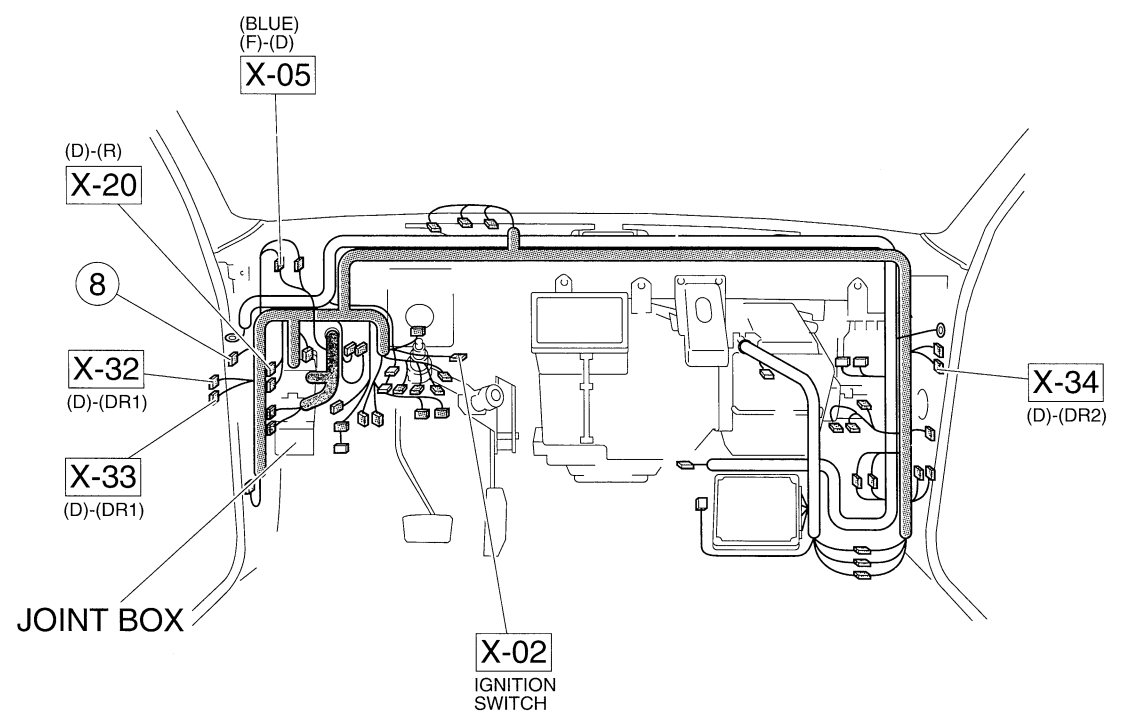
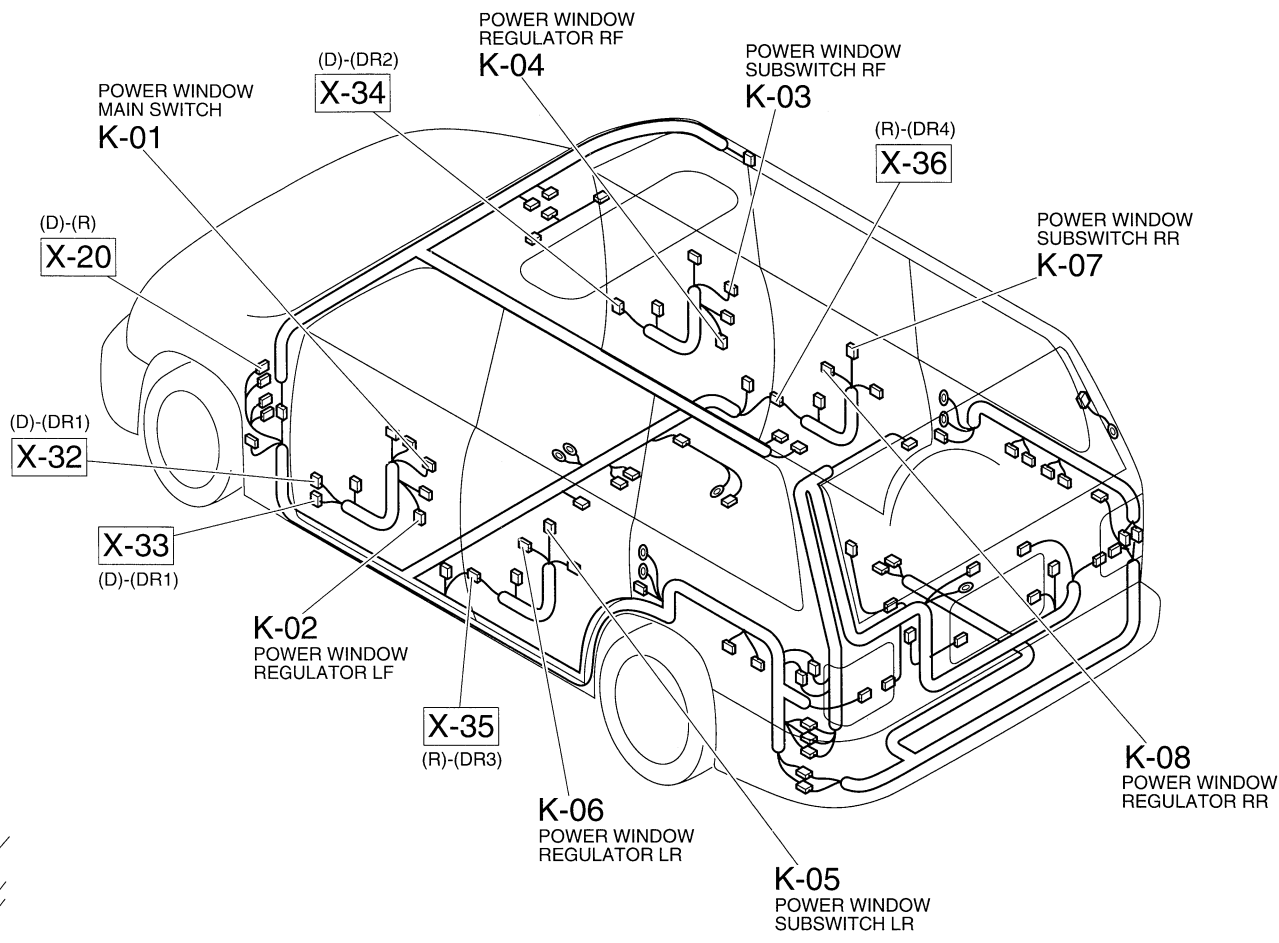
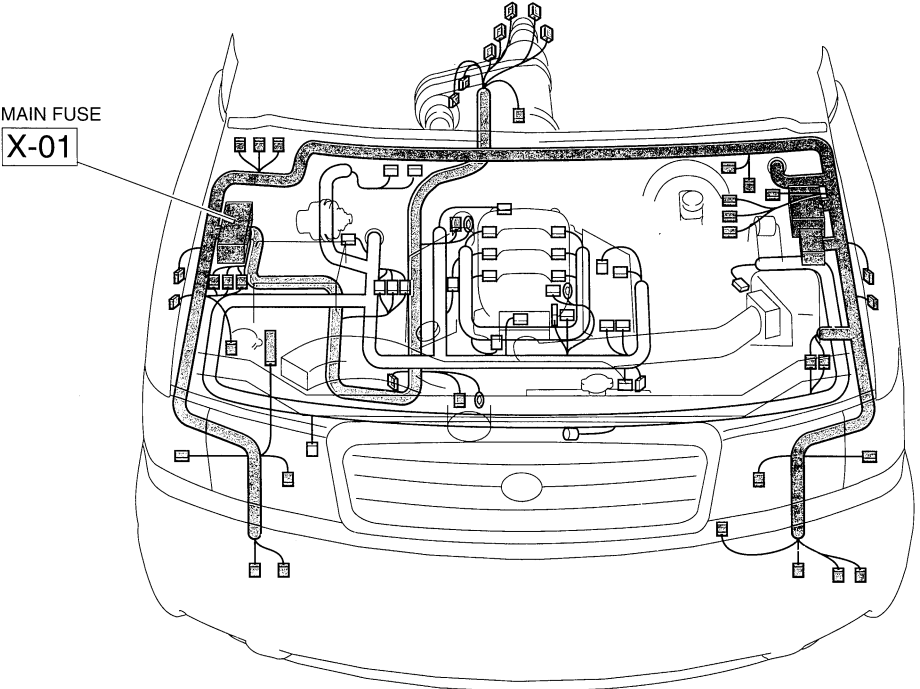
Z WIRING DIAGRAM

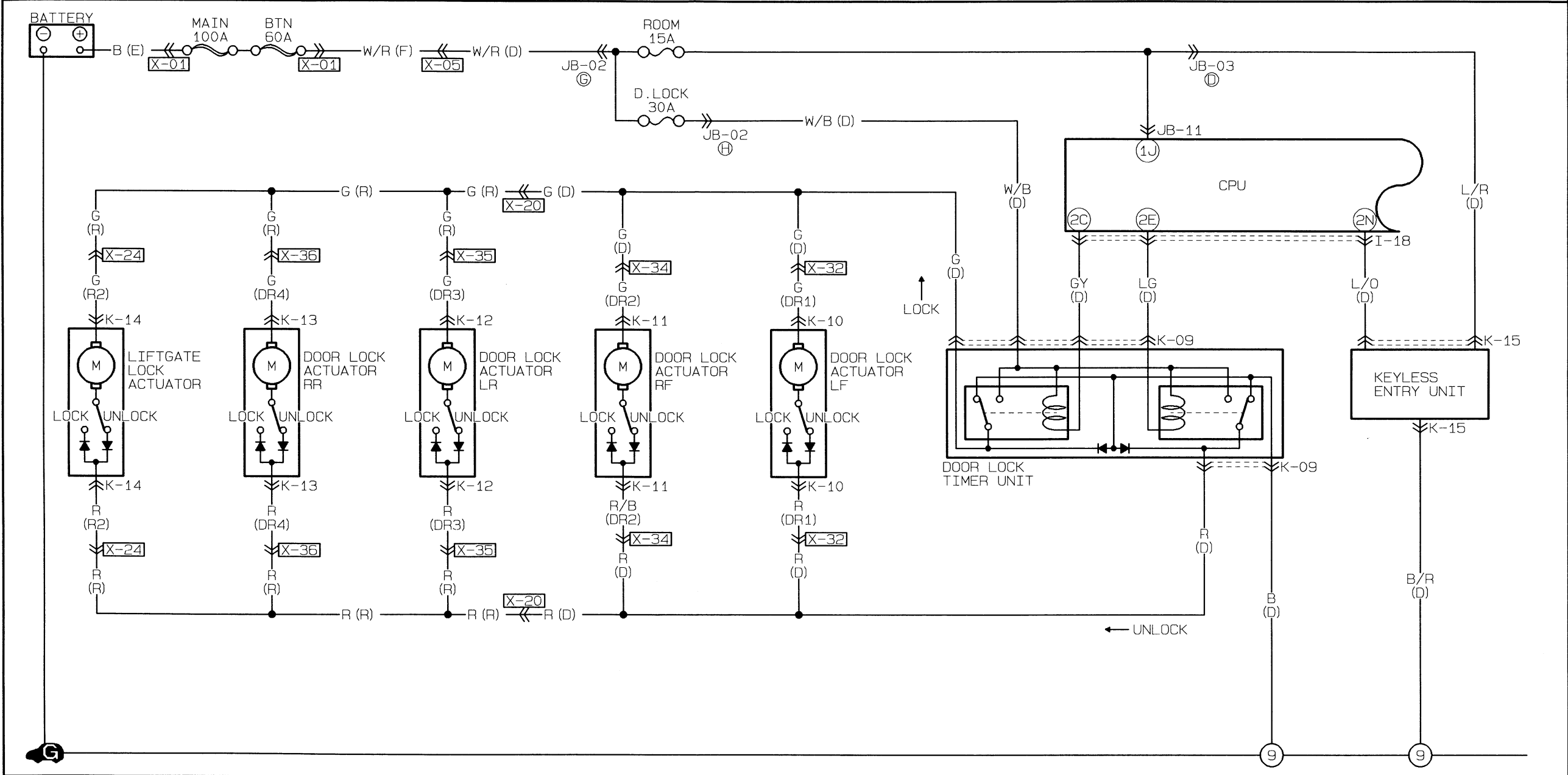
K-1 ■ POWER WINDOWS



K-01 POWER WINDOW MAIN SWITCH (DR1) W/G LG/R * G/Y R/Y G/B R/B L/R R/L B R/W G/R		K-02 POWER WINDOW REGULATOR LF (DR1) R/B G/B		K-03 POWER WINDOW SUBSWITCH RF (DR2) G G/R R/W L R		K-04 POWER WINDOW REGULATOR RF (DR2) L G		K-05 POWER WINDOW SUBSWITCH LR (DR3) G G/Y R/Y R L/R		K-06 POWER WINDOW REGULATOR LR (DR3) R G	
K-07 POWER WINDOW SUBSWITCH RR (DR4) G G/Y R/Y R L/R		K-08 POWER WINDOW REGULATOR RR (DR4) R G									

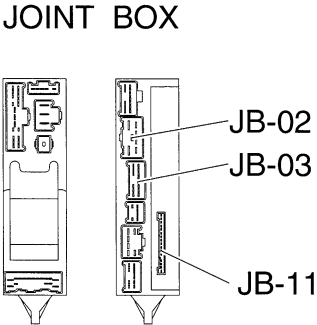
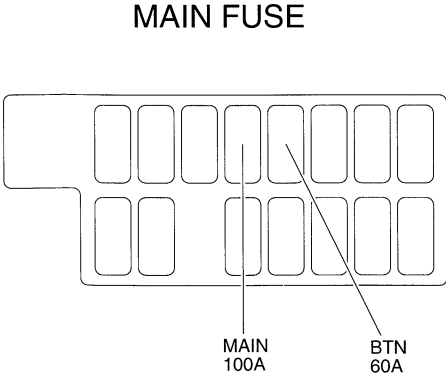
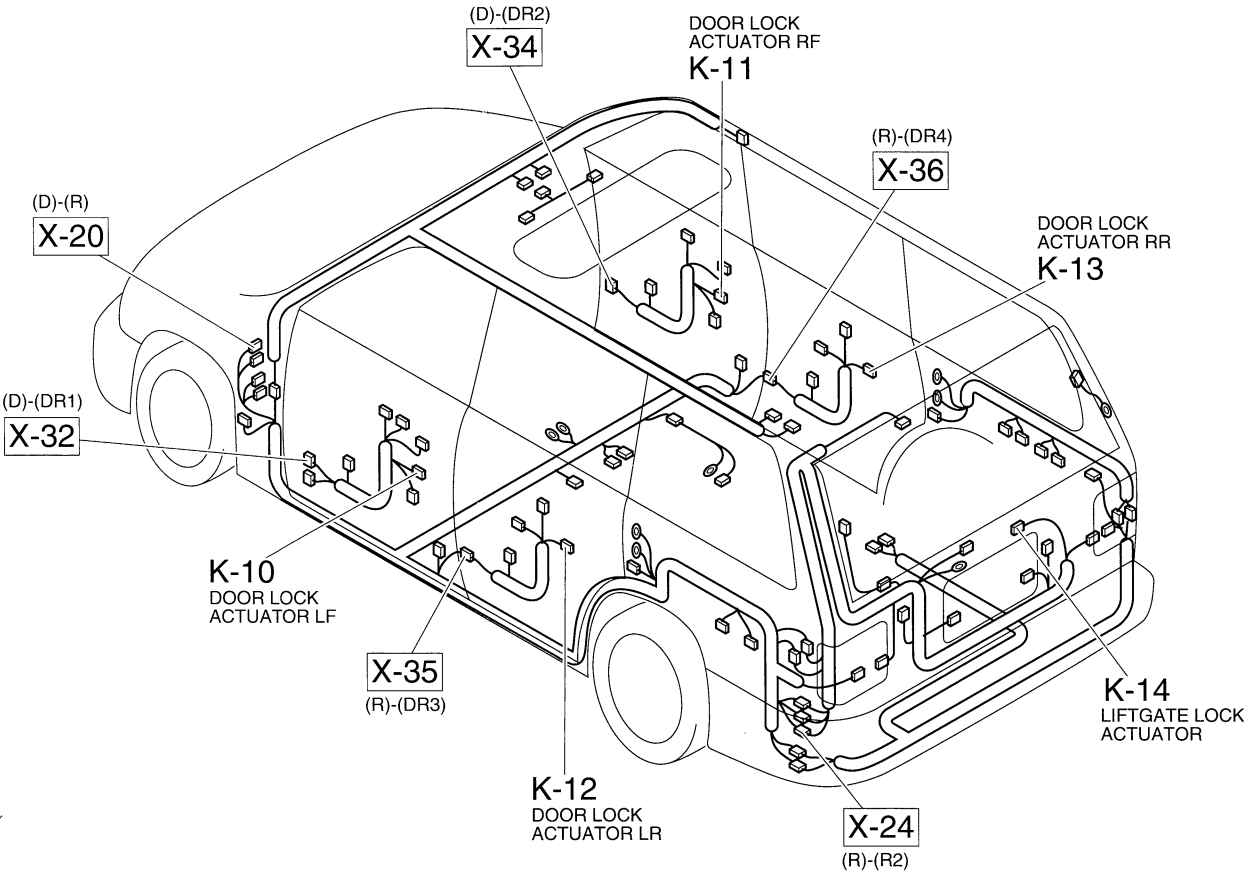
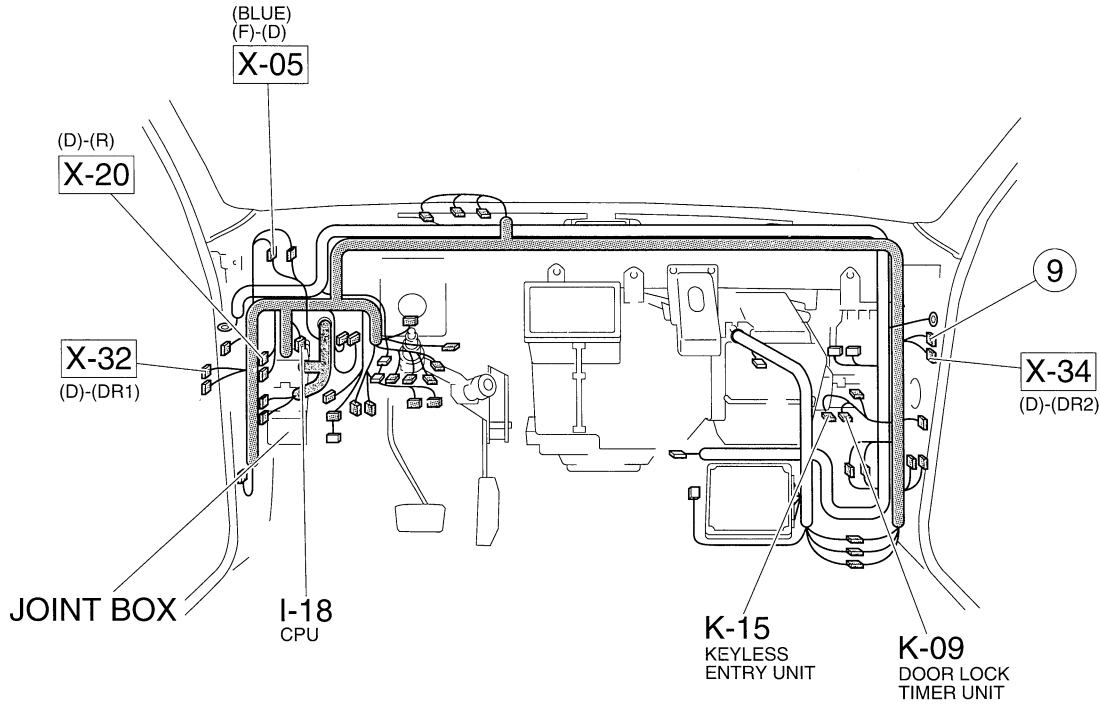
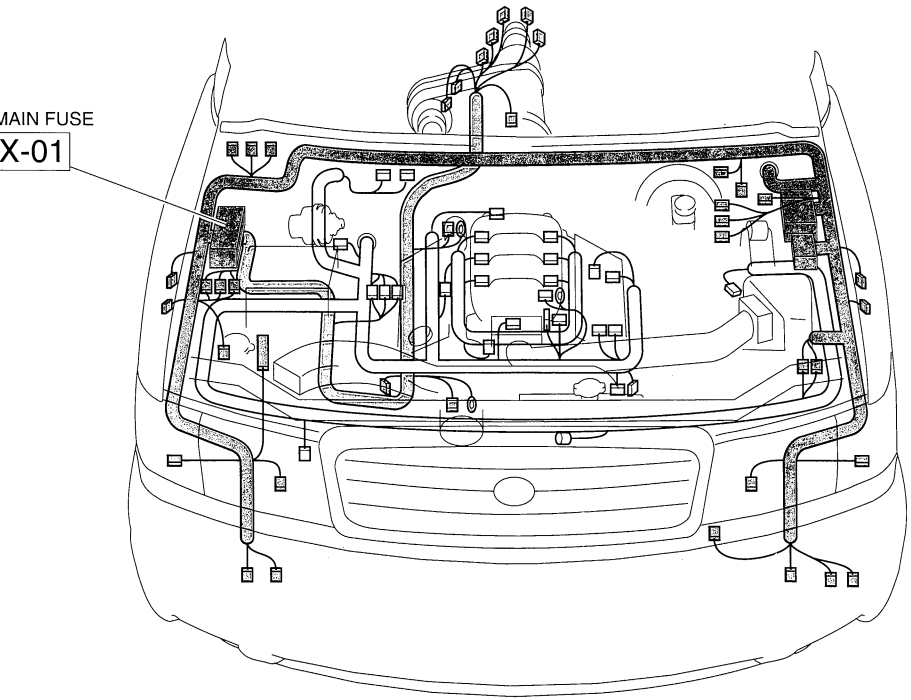
K-1

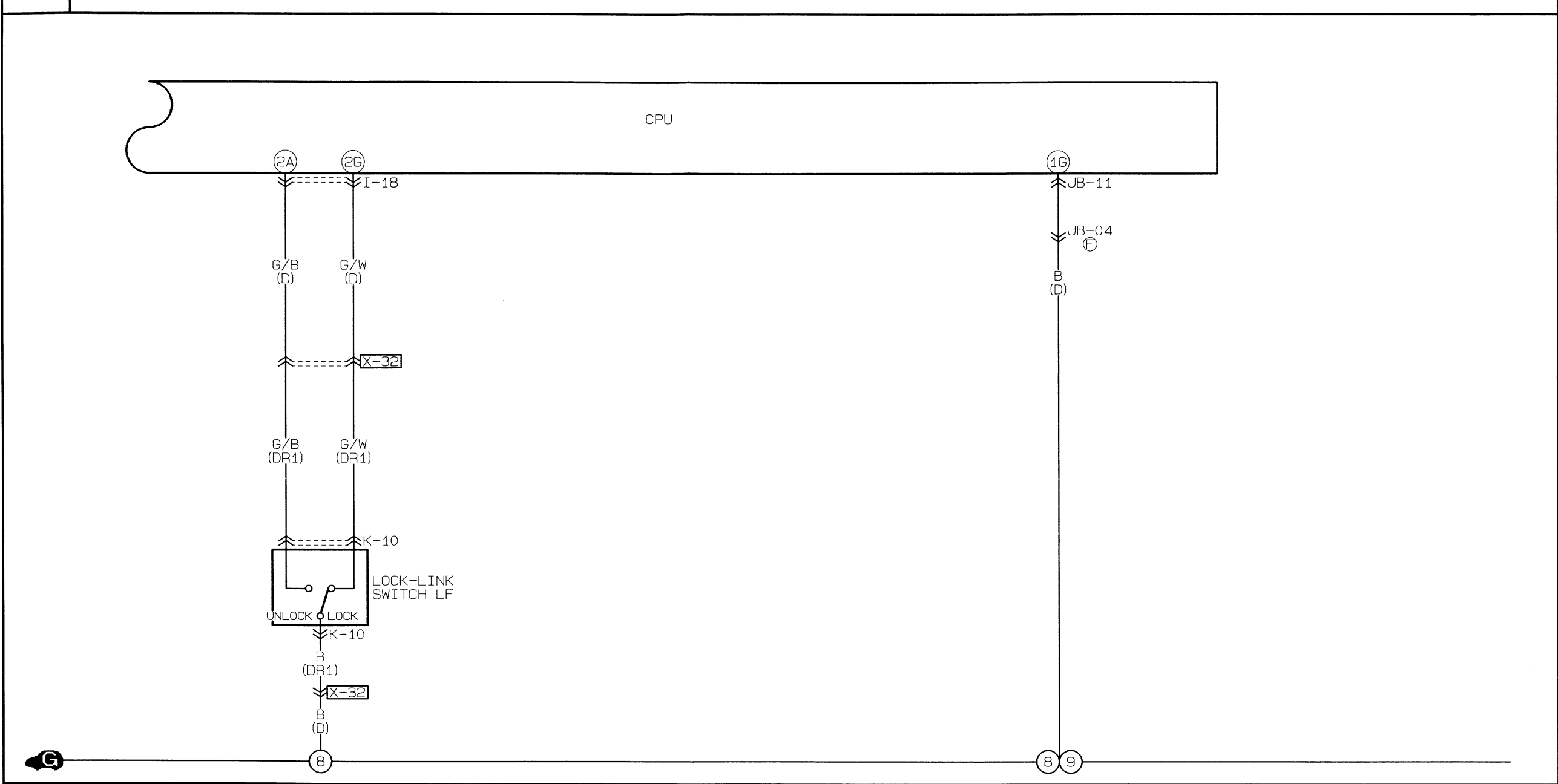




K-09 DOOR LOCK TIMER UNIT (D) <table><tr><td>*</td><td>G</td><td>LG</td><td>B</td></tr><tr><td>*</td><td>R</td><td>GY</td><td>W/B</td></tr></table>		*	G	LG	B	*	R	GY	W/B	K-10 DOOR LOCK ACTUATOR LF (DR1) <table><tr><td>*</td><td>B</td><td>R</td></tr><tr><td>G/B</td><td>G/W</td><td>G</td></tr></table>	*	B	R	G/B	G/W	G	K-11 DOOR LOCK ACTUATOR RF (DR2) <table><tr><td>*</td><td>*</td><td>R/B</td></tr><tr><td>*</td><td>*</td><td>G</td></tr></table>	*	*	R/B	*	*	G	K-12 DOOR LOCK ACTUATOR LR (DR3) <table><tr><td>R</td></tr><tr><td>G</td></tr></table>	R	G	K-13 DOOR LOCK ACTUATOR RR (DR4) <table><tr><td>R</td></tr><tr><td>G</td></tr></table>	R	G	K-14 LIFTGATE LOCK ACTUATOR (R2) <table><tr><td colspan="2"></td></tr></table>										
*	G	LG	B																																					
*	R	GY	W/B																																					
*	B	R																																						
G/B	G/W	G																																						
*	*	R/B																																						
*	*	G																																						
R																																								
G																																								
R																																								
G																																								
K-15 KEYLESS ENTRY UNIT (D) <table><tr><td>B/R</td><td>L/O</td><td>L/R</td></tr></table>	B/R	L/O	L/R	I-18 CPU (D) <table><tr><td>20</td><td>2M</td><td>2K</td><td>2I</td><td>2G</td><td>2E</td><td>2C</td><td>2A</td></tr><tr><td>W/R</td><td>BR</td><td>★GY/L</td><td>★GY/R</td><td>G/W</td><td>LG</td><td>GY</td><td>G/B</td></tr><tr><td>Y/L</td><td>L/O</td><td>*</td><td>*</td><td>*</td><td>G/O</td><td>★Y</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></tr></table>	20	2M	2K	2I	2G	2E	2C	2A	W/R	BR	★GY/L	★GY/R	G/W	LG	GY	G/B	Y/L	L/O	*	*	*	G/O	★Y	*	2P	2N	2L	2J	2H	2F	2D	2B				
B/R	L/O	L/R																																						
20	2M	2K	2I	2G	2E	2C	2A																																	
W/R	BR	★GY/L	★GY/R	G/W	LG	GY	G/B																																	
Y/L	L/O	*	*	*	G/O	★Y	*																																	
2P	2N	2L	2J	2H	2F	2D	2B																																	

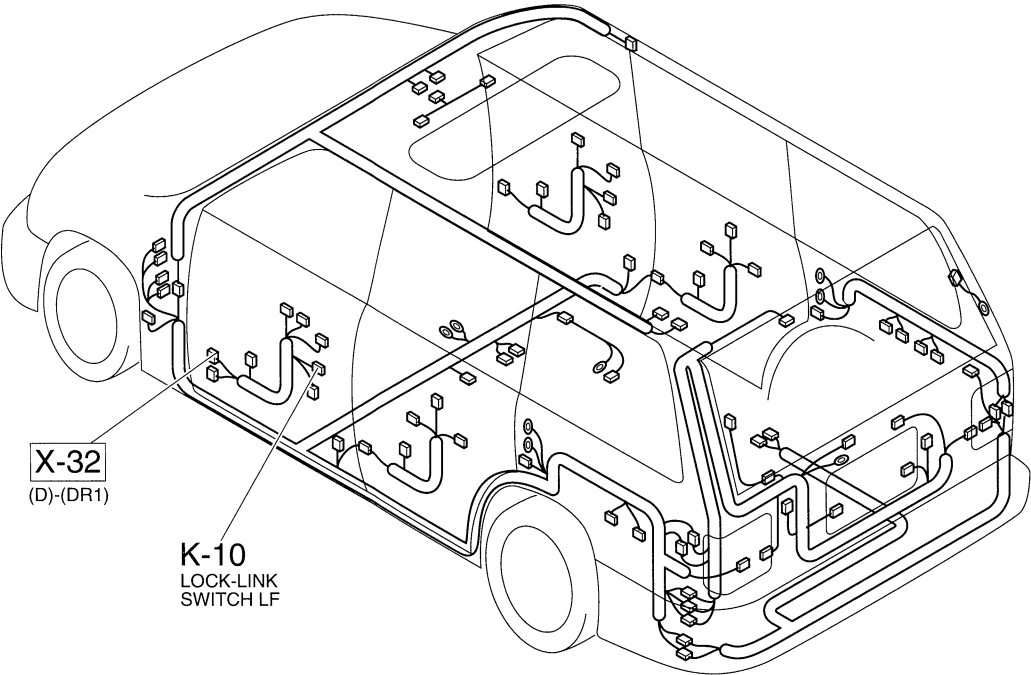
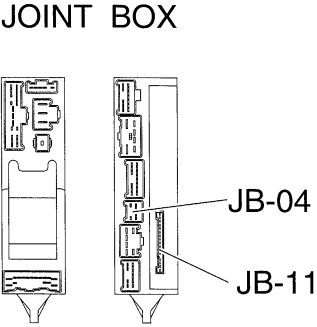
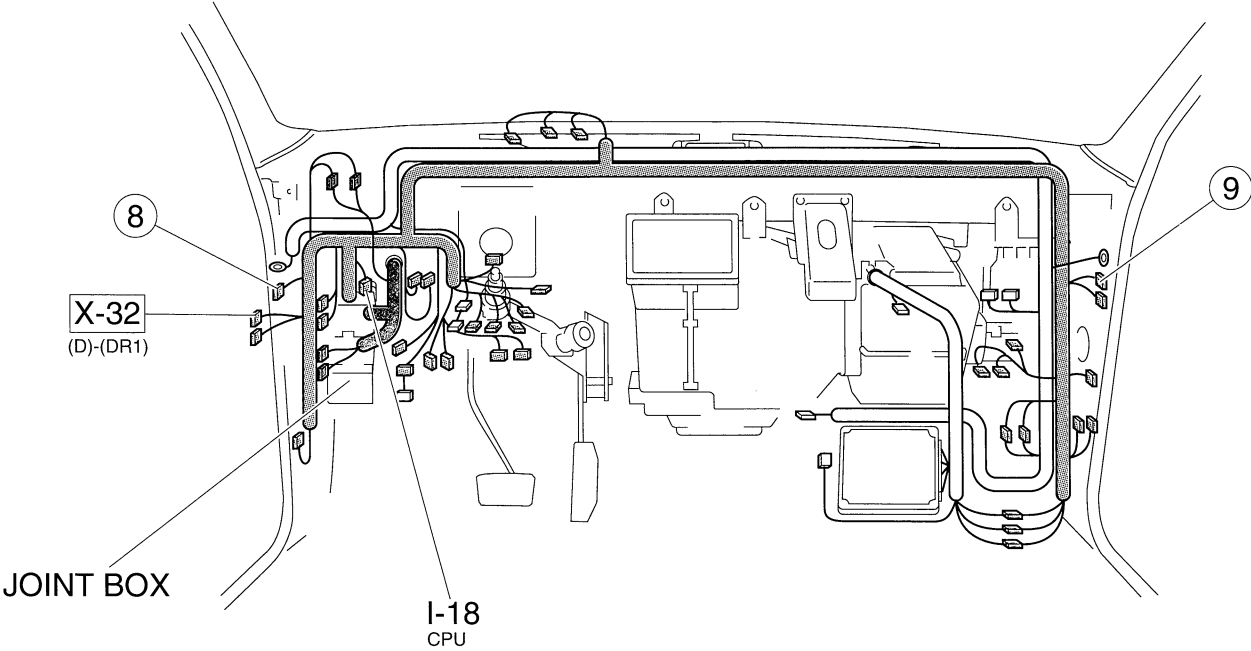
K-2a



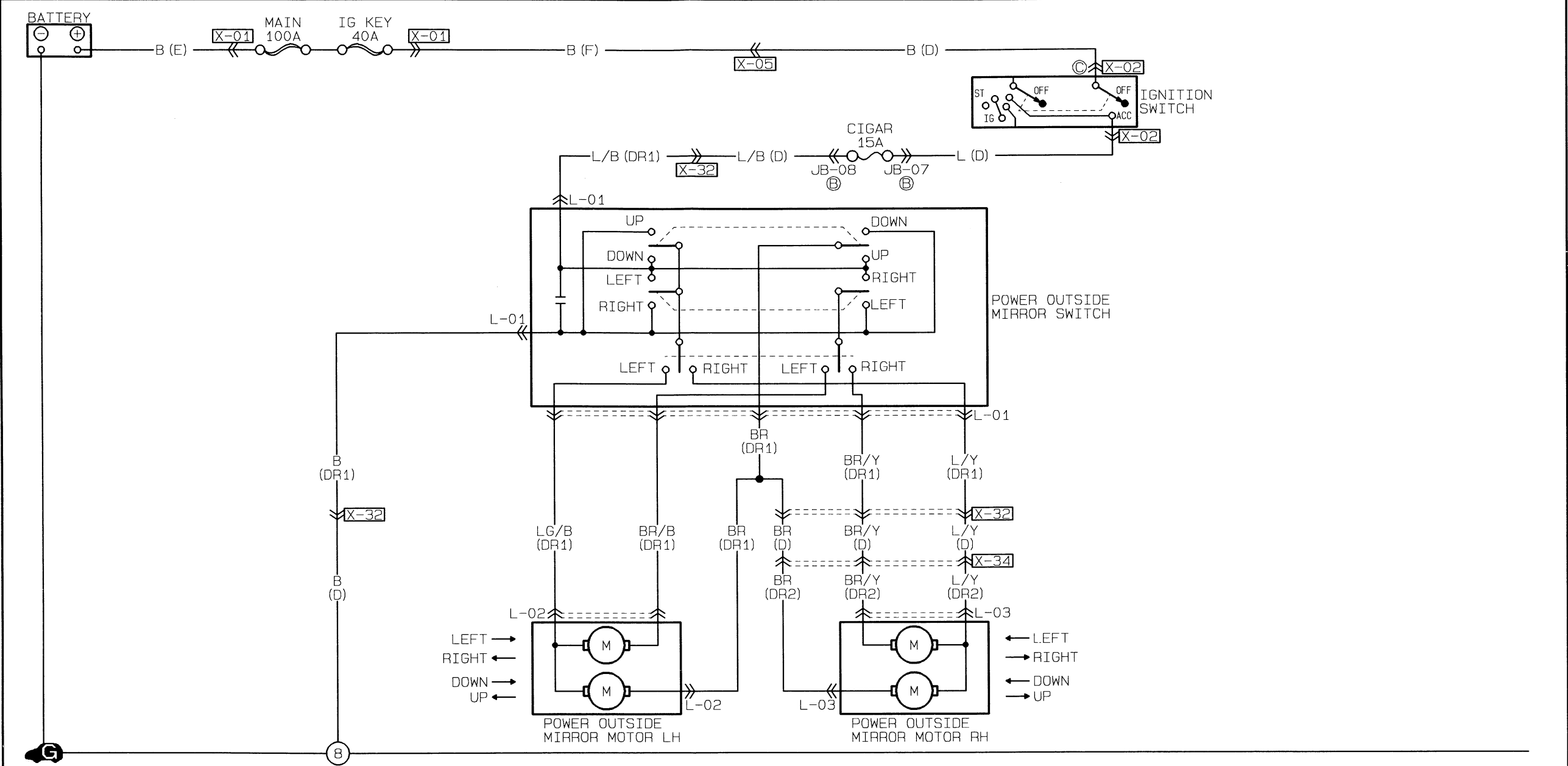


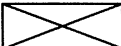
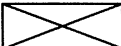
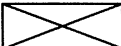
K-10 LOCK-LINK SWITCH LF (DR1)	I-18 CPU (D)											
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	W/R	BR	★GY/L	★GY/R	G/W	LG	GY	G/B				
	Y/L	L/O	*	*	*	G/D	★Y	*				
	2P	2N	2L	2J	2H	2F	2D	2B				

K-2b

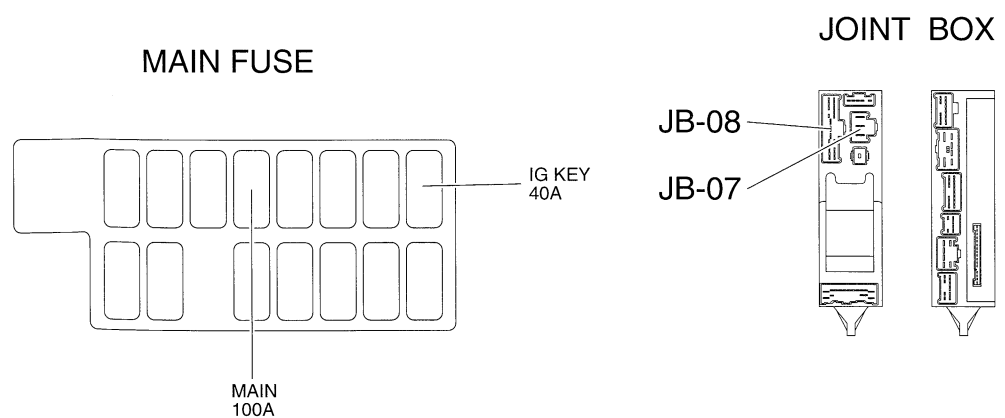
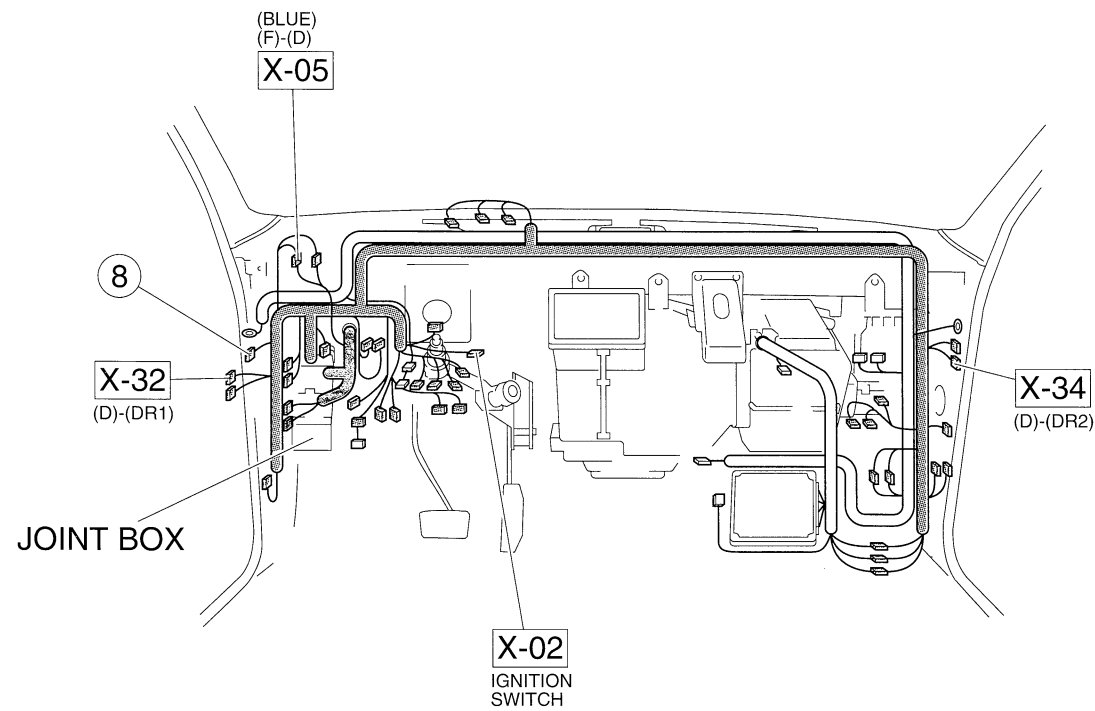
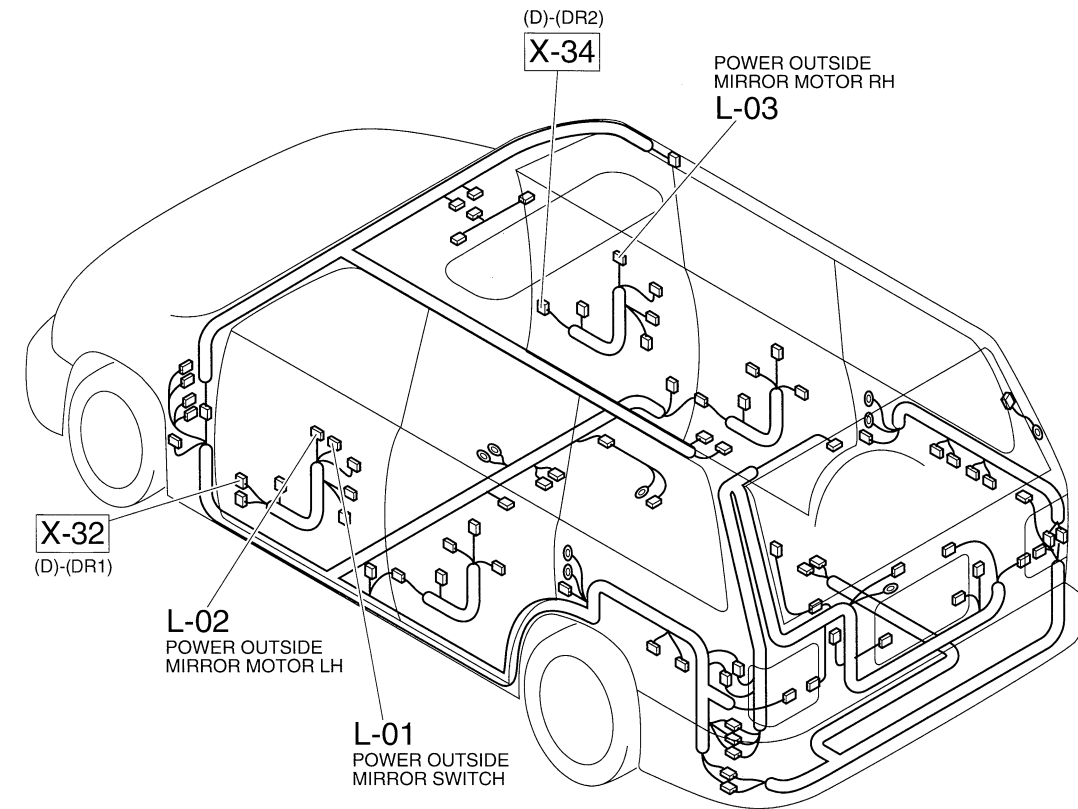
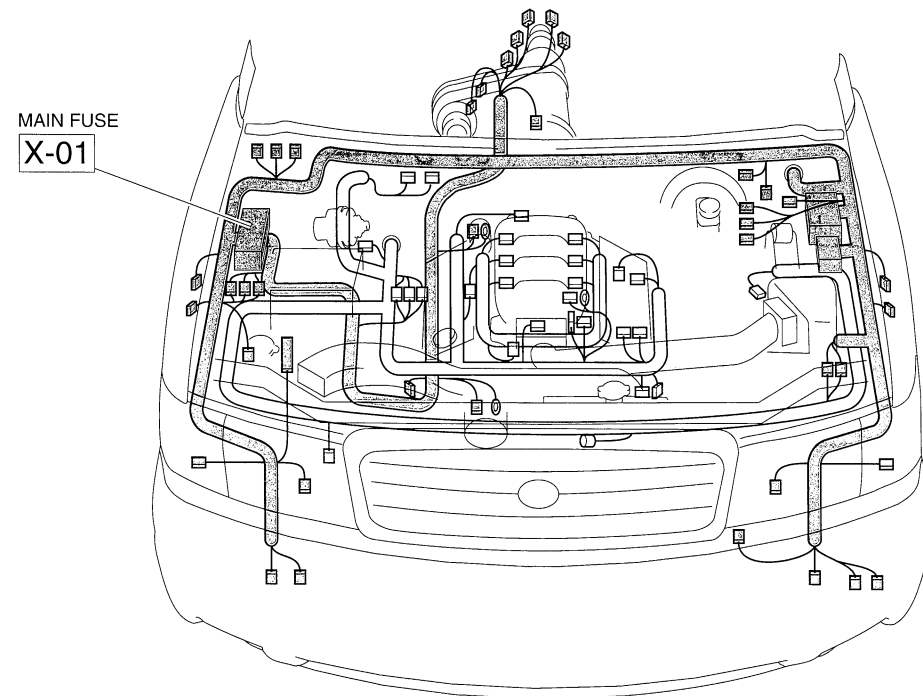


L ■ POWER OUTSIDE MIRRORS

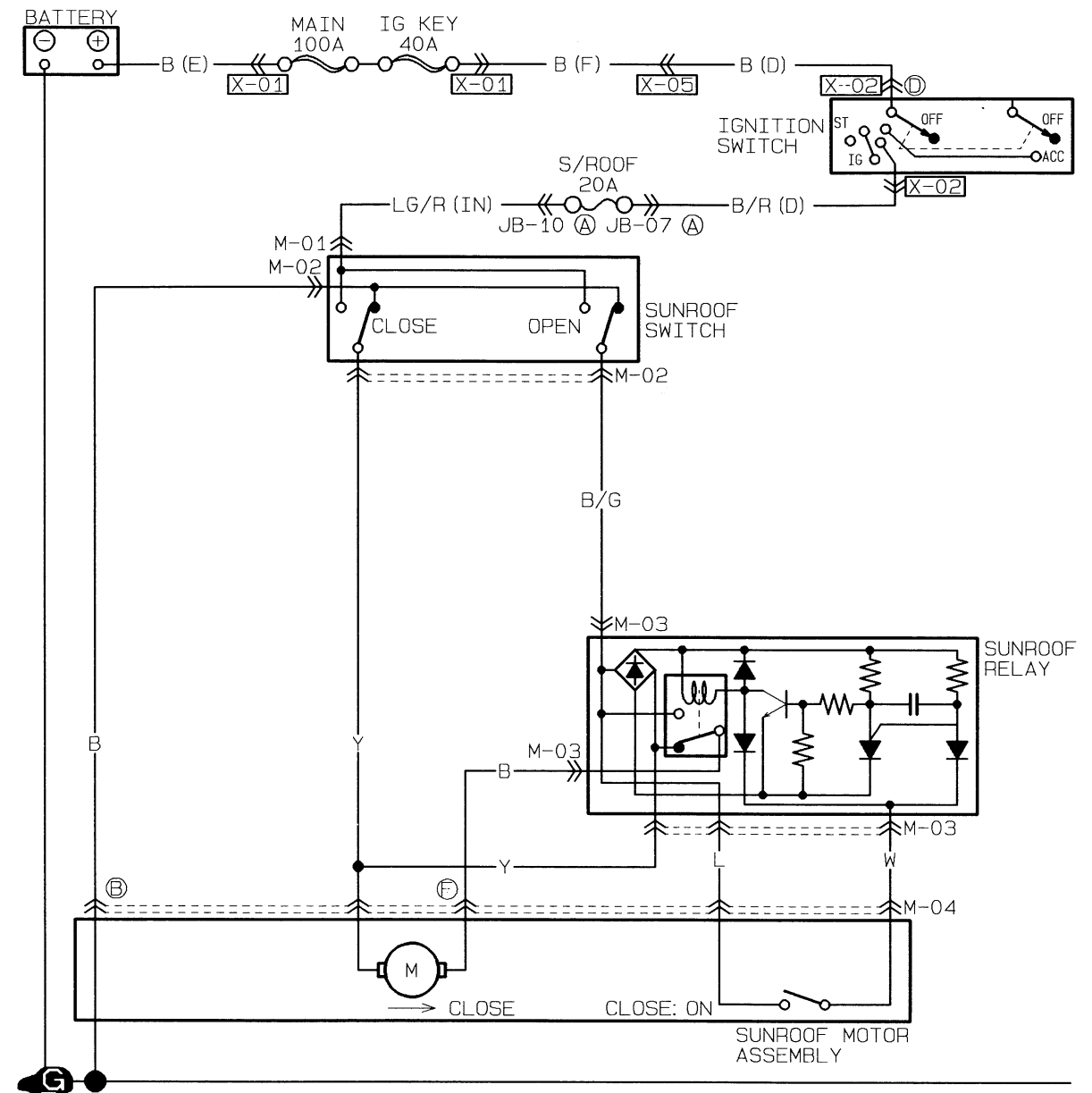


L-01 POWER OUTSIDE MIRROR SWITCH (DR1)		L-02 POWER OUTSIDE MIRROR MOTOR LH (DR1)		L-03 POWER OUTSIDE MIRROR MOTOR RH (DR2)																										
<table><tr><td>BR/Y</td><td>BR</td><td colspan="2"></td><td>*</td><td>*</td></tr><tr><td>BR/B</td><td>L/Y</td><td>LG/B</td><td>L/B</td><td>B</td><td>*</td></tr></table>		BR/Y	BR			*	*	BR/B	L/Y	LG/B	L/B	B	*	<table><tr><td colspan="2"></td></tr><tr><td>LG/B</td><td>BR</td></tr><tr><td>BR/B</td><td>*</td></tr></table>				LG/B	BR	BR/B	*	<table><tr><td colspan="2"></td></tr><tr><td>L/Y</td><td>BR</td></tr><tr><td>BR/Y</td><td>*</td></tr></table>				L/Y	BR	BR/Y	*	
BR/Y	BR			*	*																									
BR/B	L/Y	LG/B	L/B	B	*																									
																														
LG/B	BR																													
BR/B	*																													
																														
L/Y	BR																													
BR/Y	*																													

L

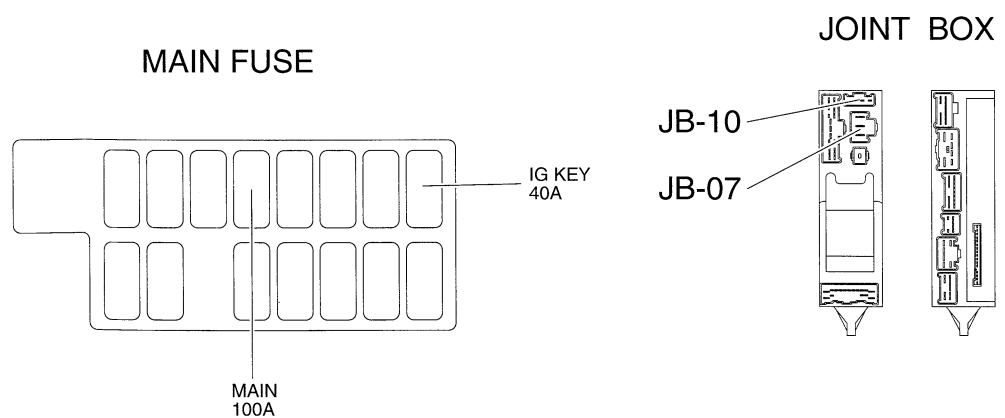
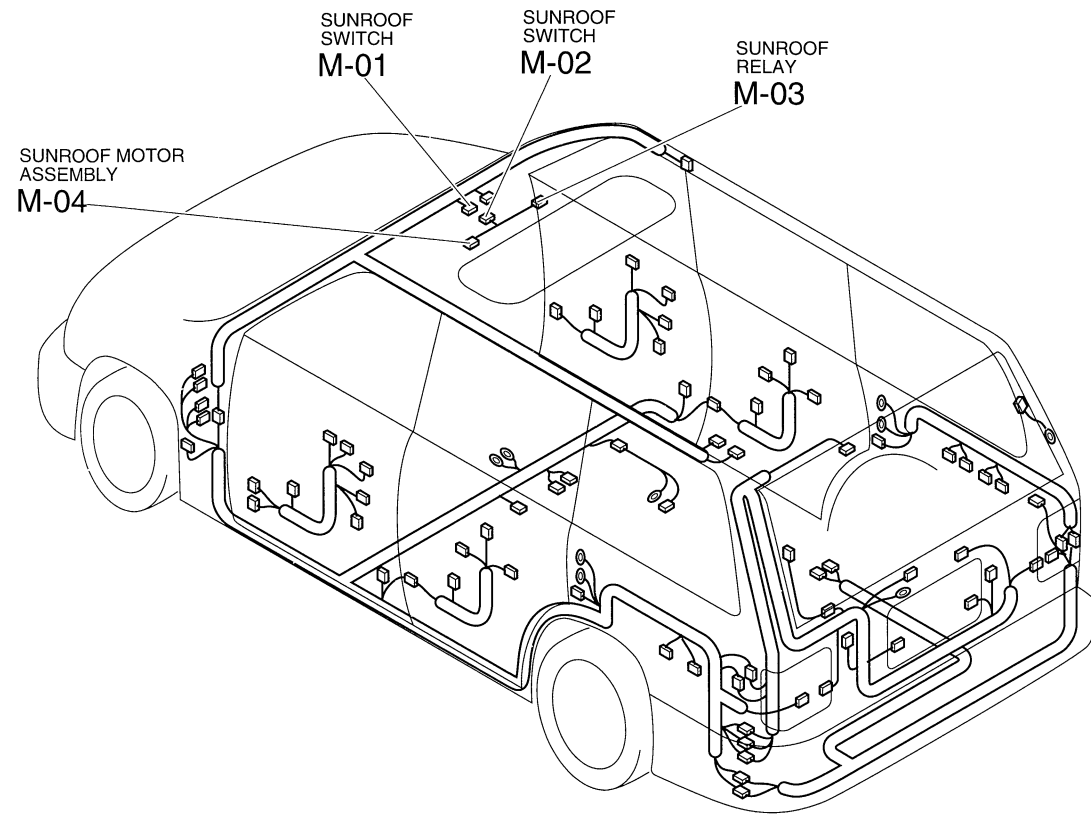
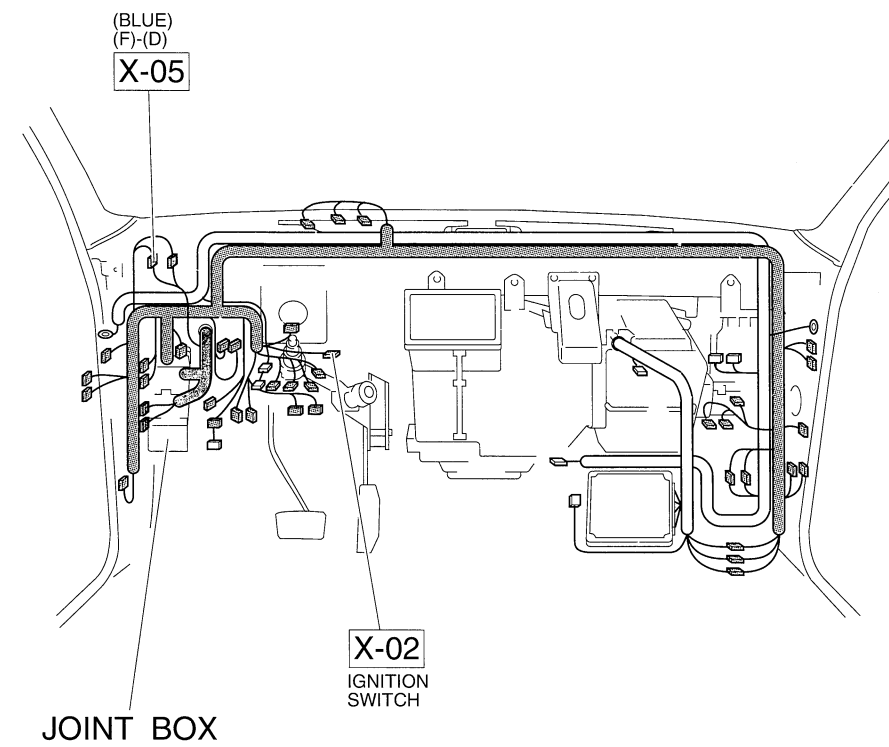
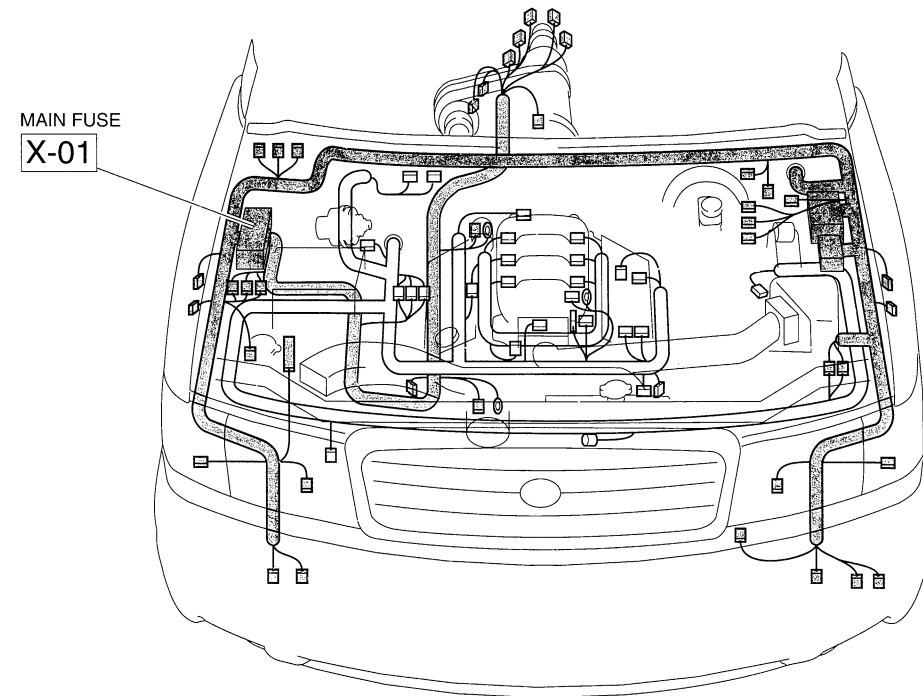


M ■ SLIDING SUNROOF

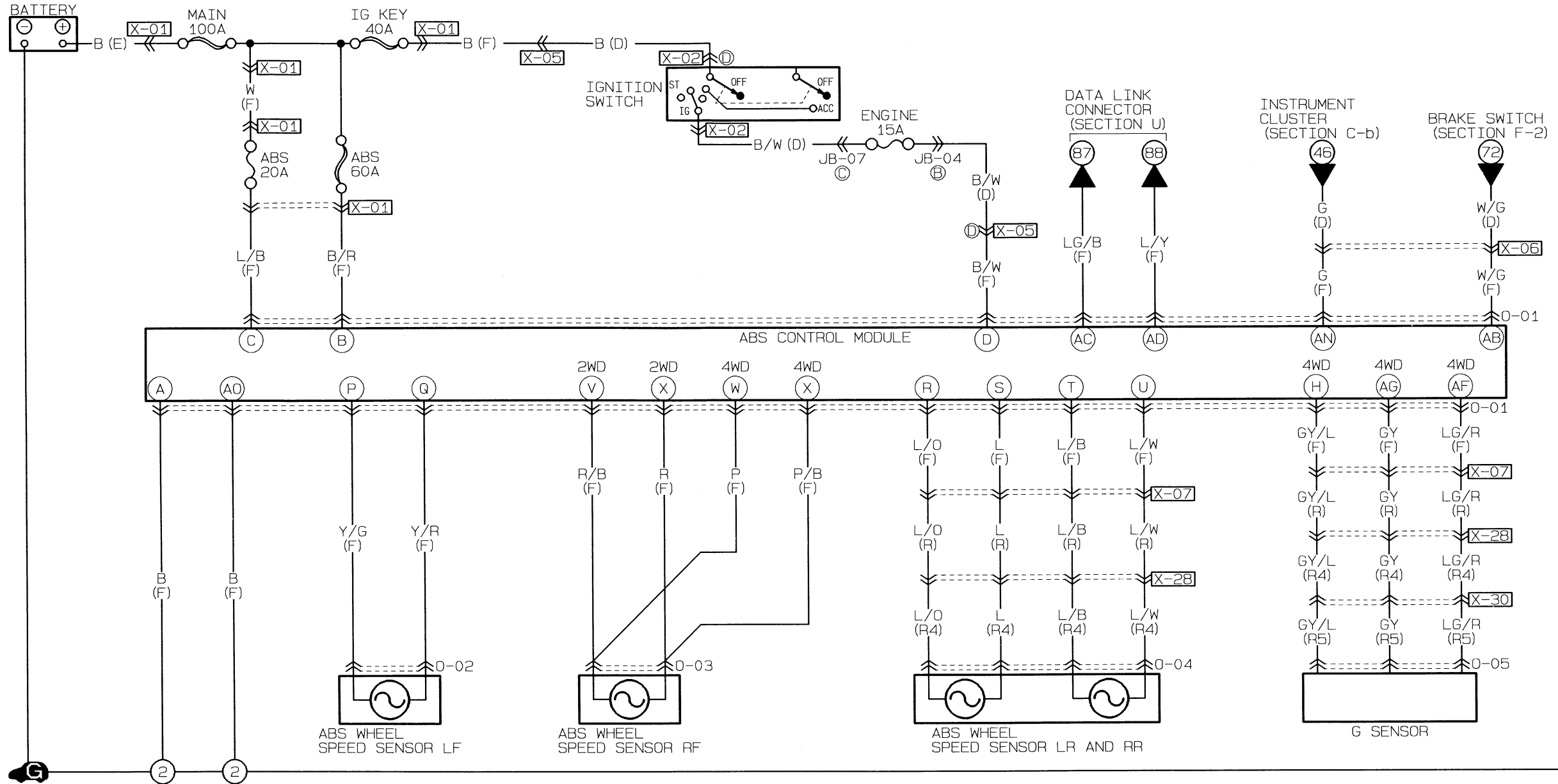


M-01 SUNROOF SWITCH (IN) 	M-02 SUNROOF SWITCH 	M-03 SUNROOF RELAY 	
M-04 SUNROOF MOTOR ASSEMBLY 			

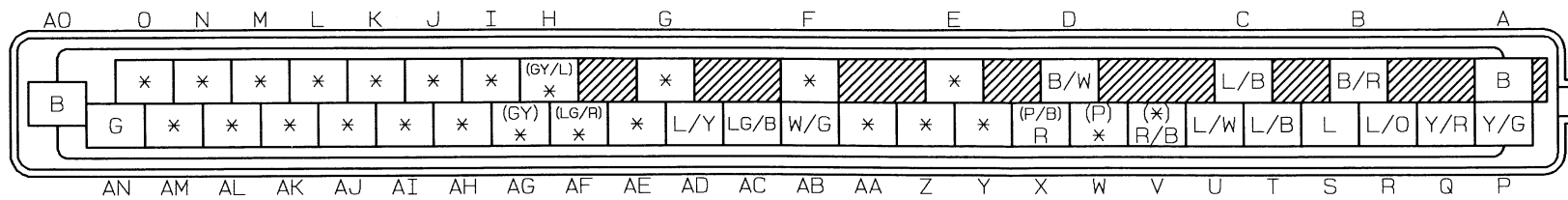
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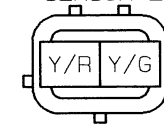
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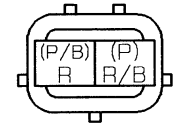
0-01 ABS CONTROL MODULE (F)



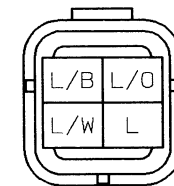
0-02	ABS WHEEL SPEED SENSOR LF (F)
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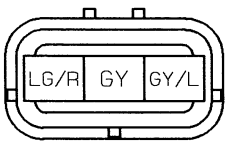
0-03 ABS WHEEL SPEED
SENSOR RF (F)



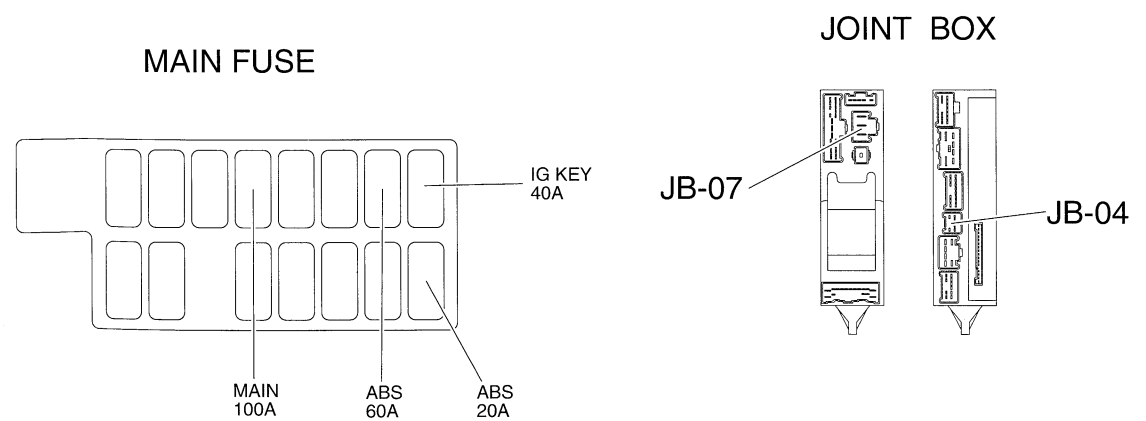
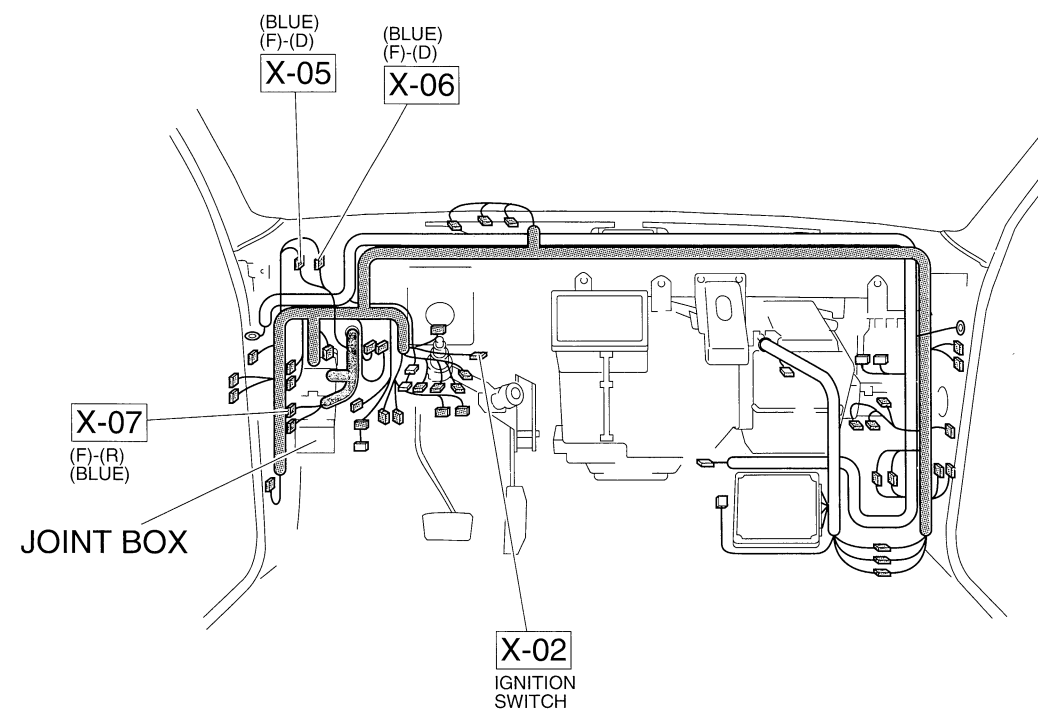
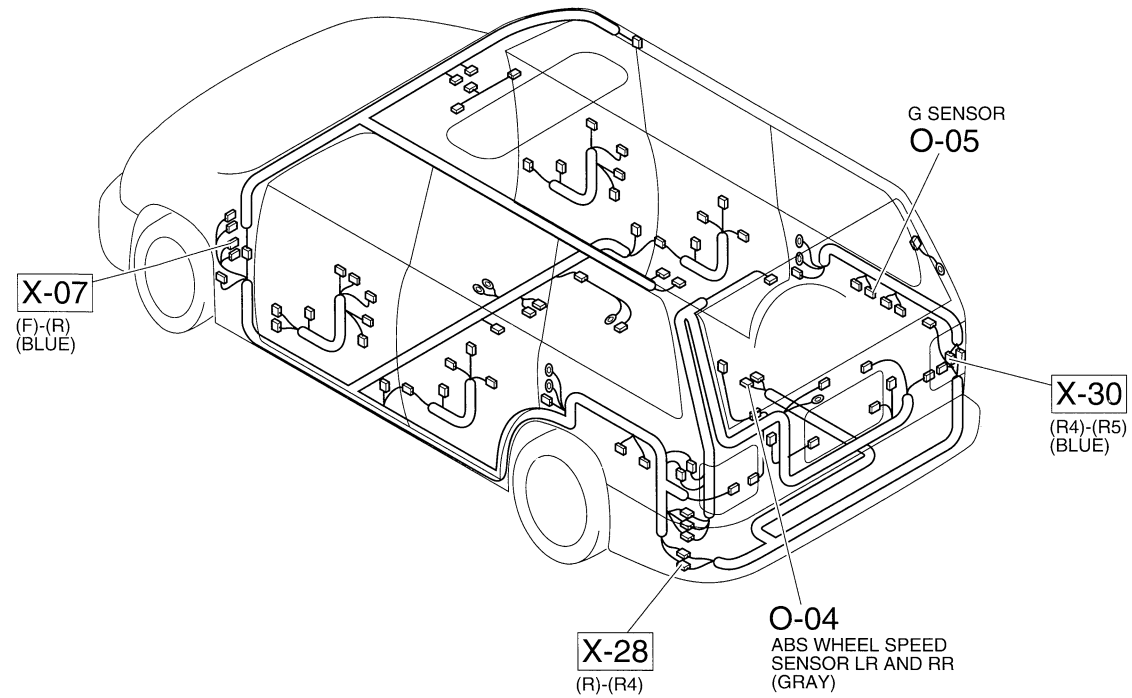
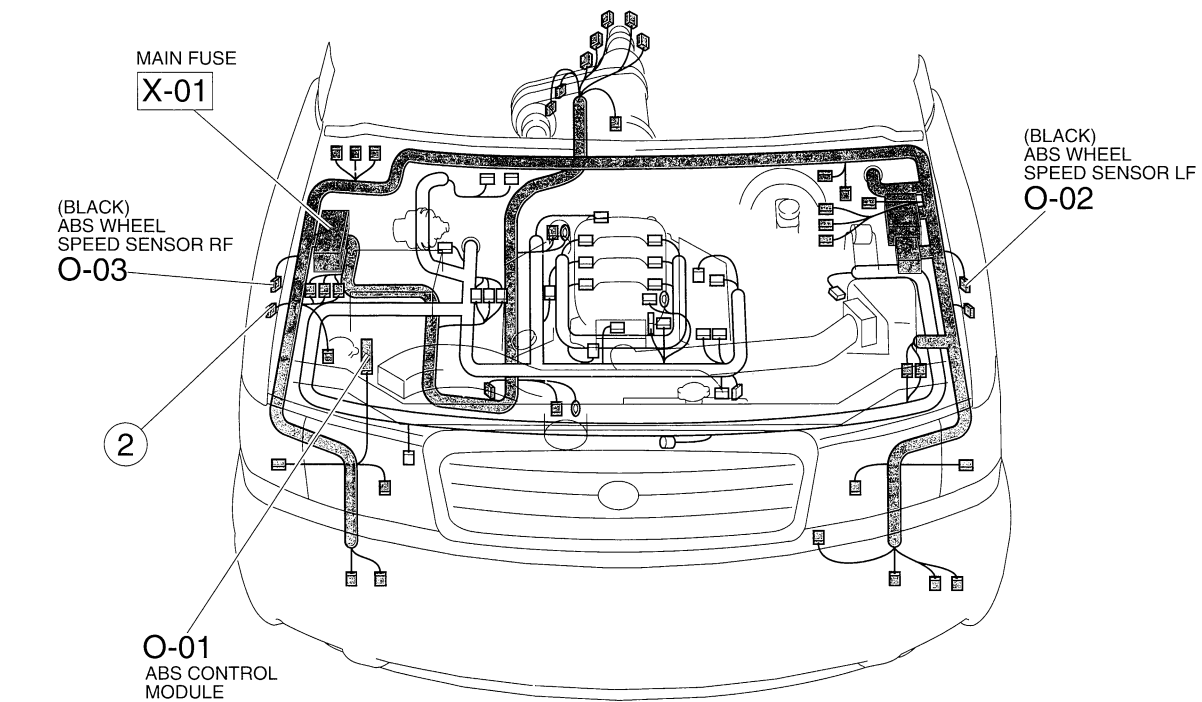
0-04 ABS WHEEL SPEED SENSOR LR AND RR (R4)
--



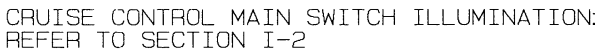
0-05	G	SENSOR (R5)
------	---	-------------



O



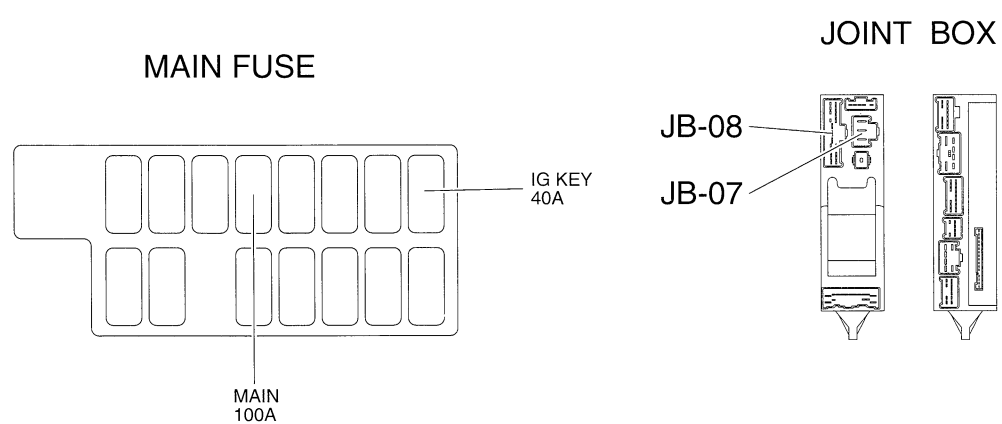
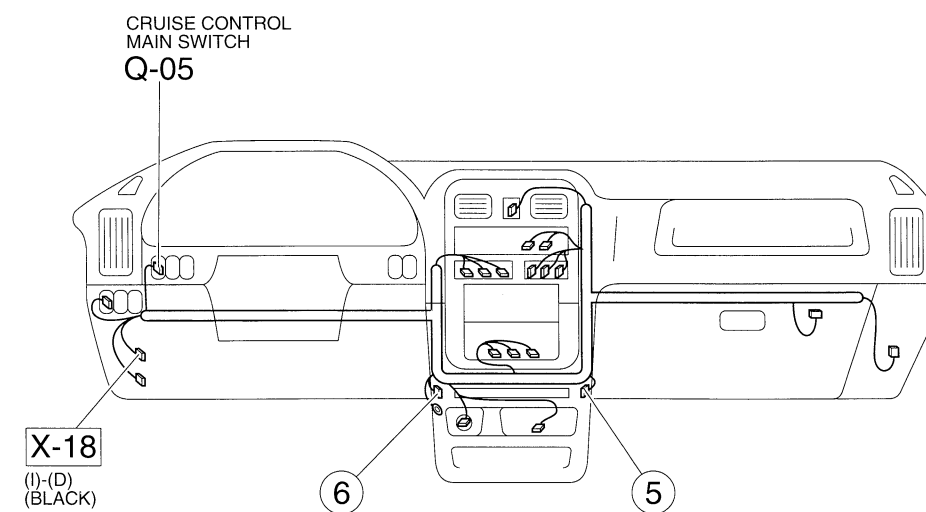
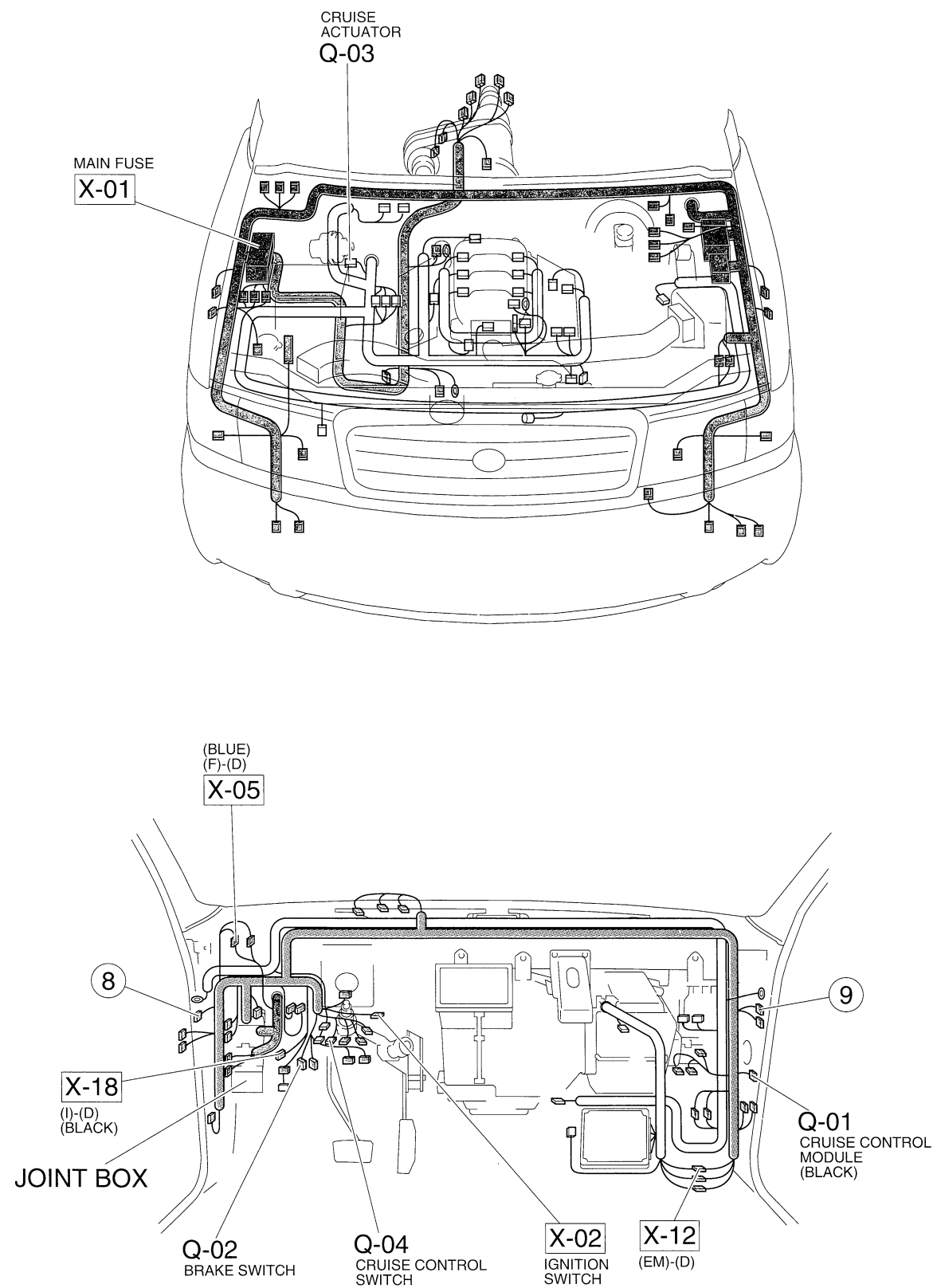
- CRUISE CONTROL SYSTEM



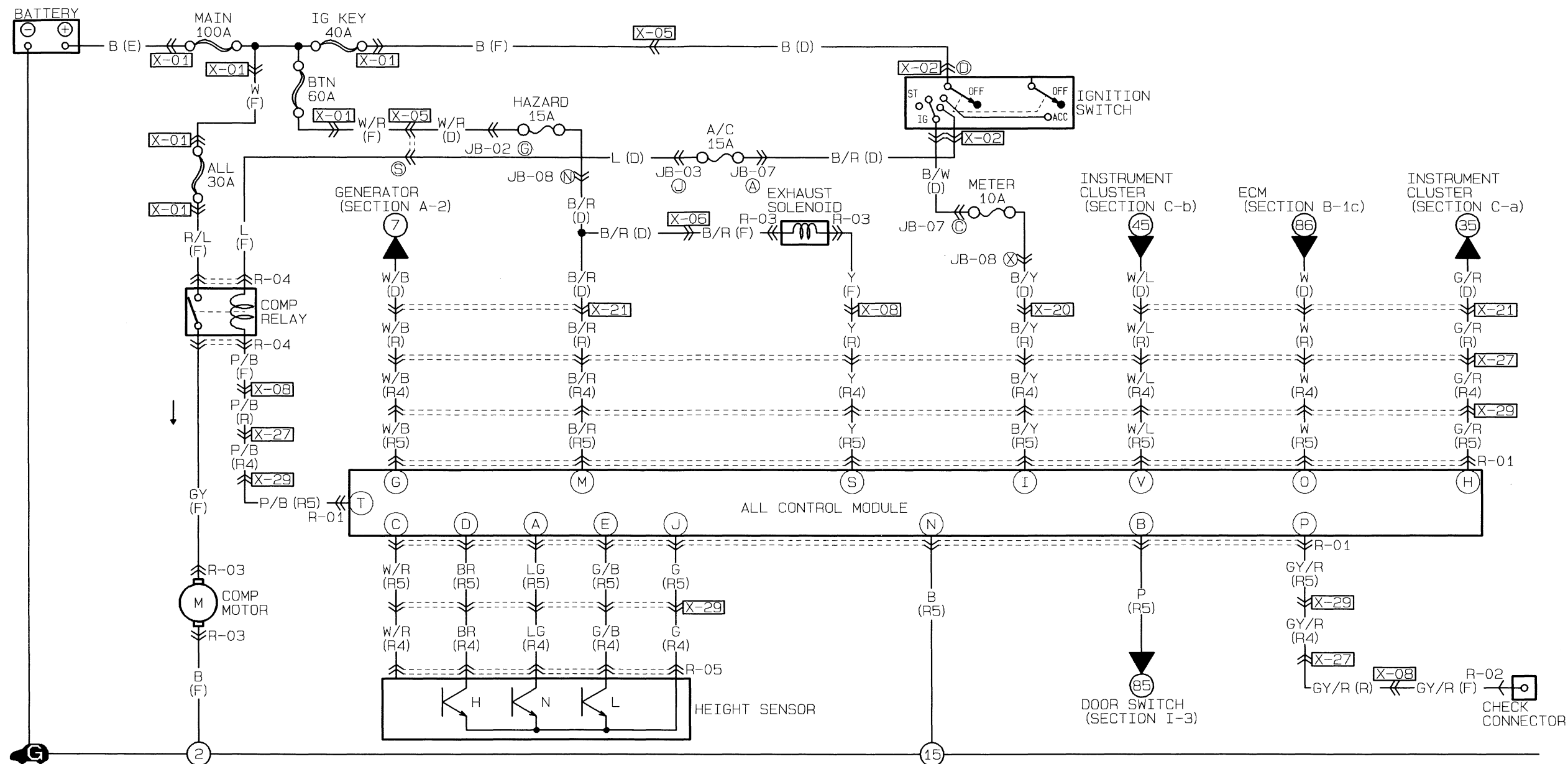
Q-05 CRUISE CONTROL MAIN SWITCH (I)

*	Y/G	R/W
B	B/Y	R

Q



R ■ AUTOMATIC LOAD LEVELING (ALL) SYSTEM



R-01 ALL CONTROL MODULE (R5)

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

R-02 CHECK CONNECTOR (F)

*	GY/R
*	*

R-03 COMP MOTOR AND EXHAUST SOLENOID (F)

B/R	GY
B	Y

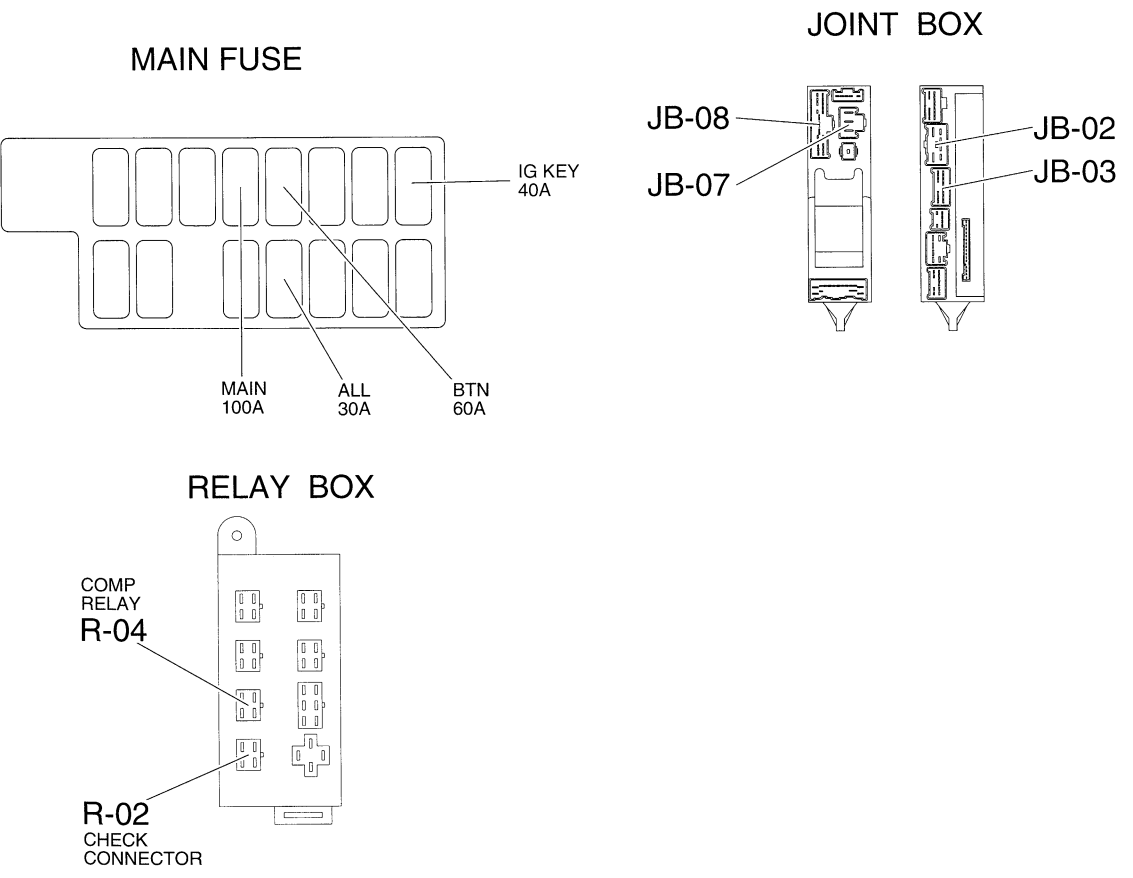
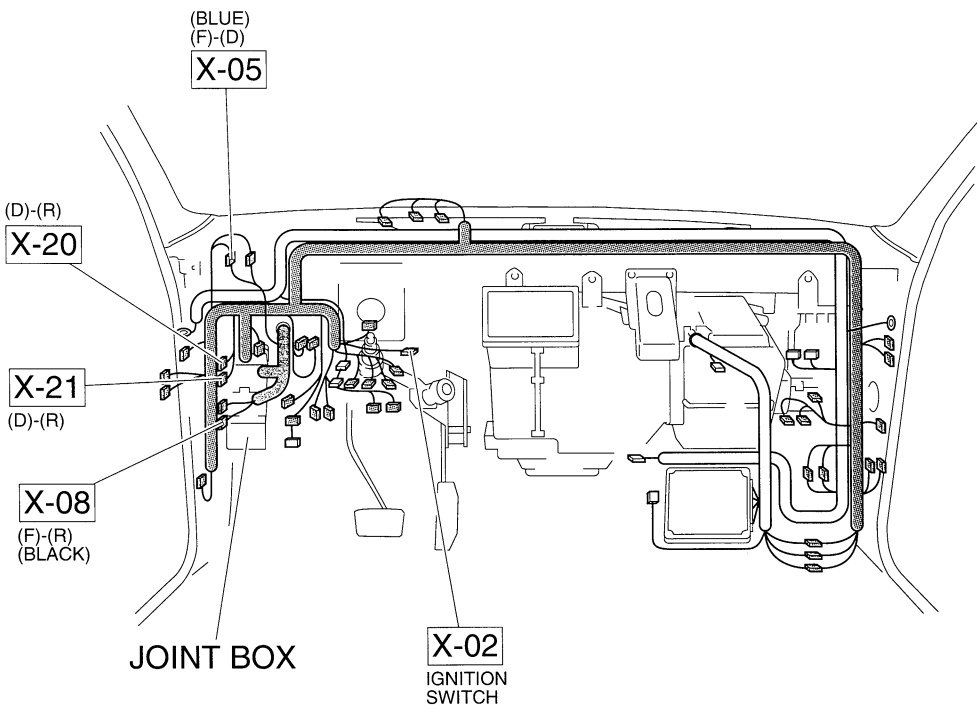
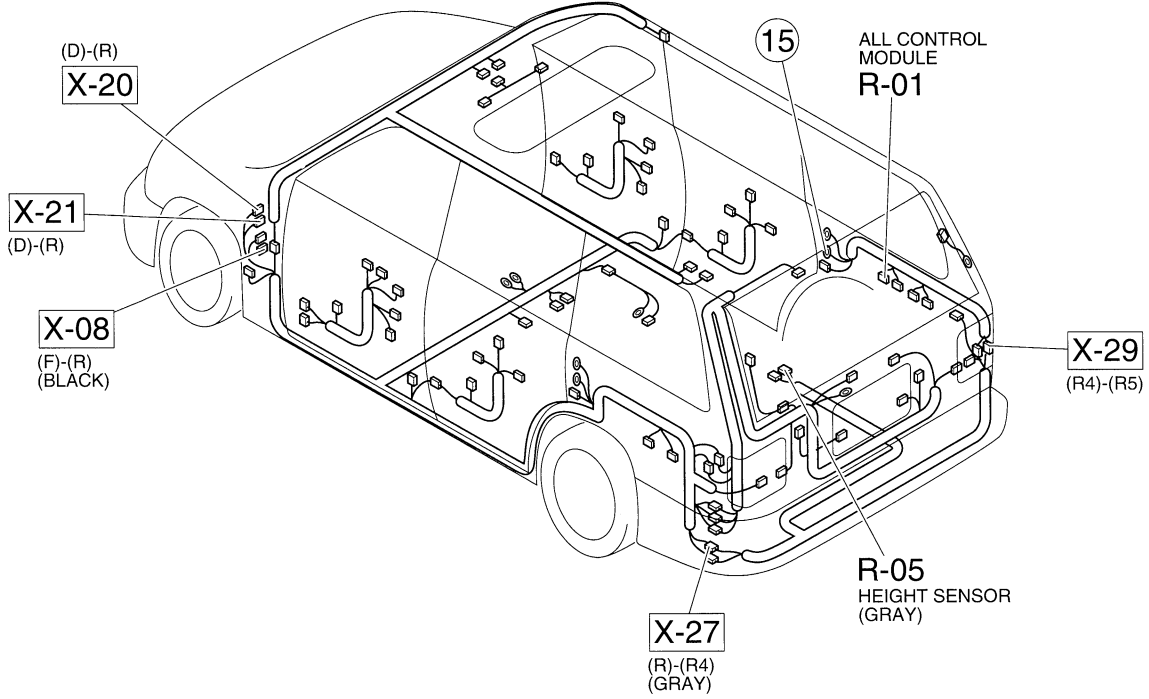
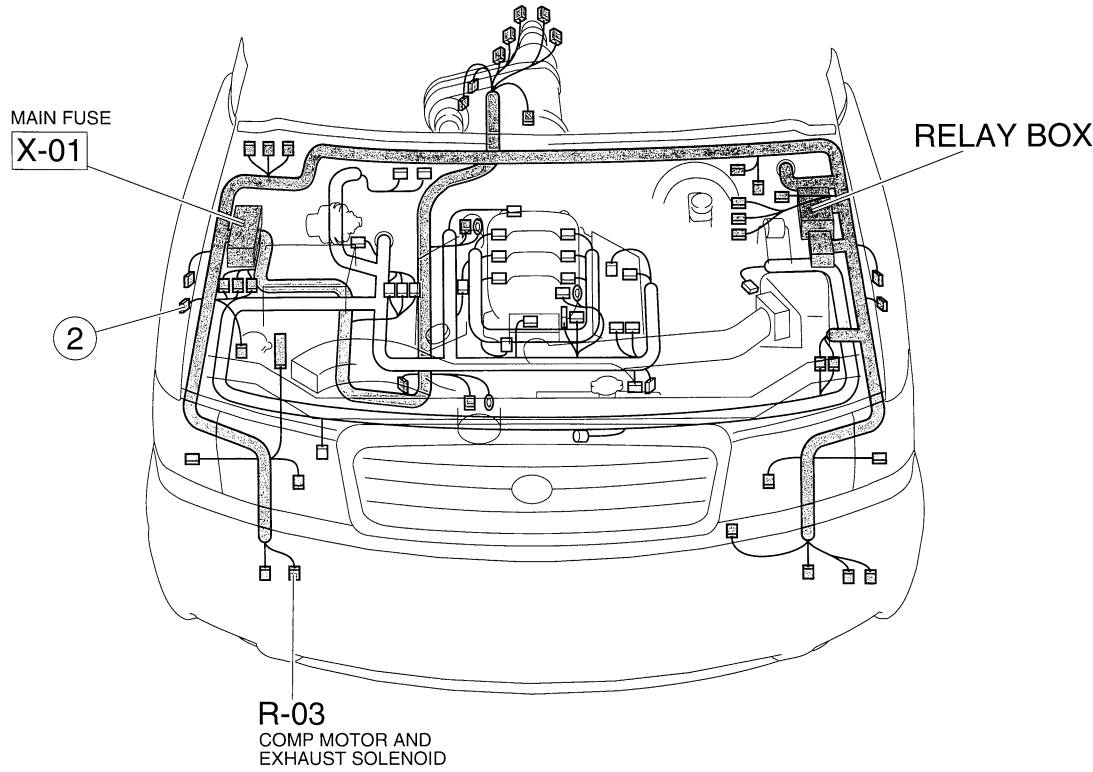
R-04 COMP RELAY (F)

R/L	L
GY	P/B

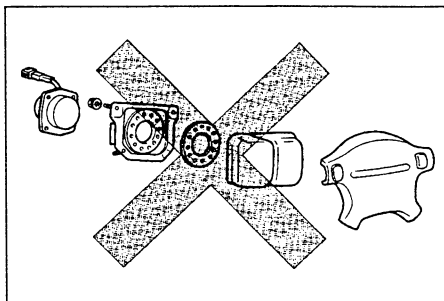
R-05 HEIGHT SENSOR (R4)

G	LG	W/R
*	G/B	BR

R



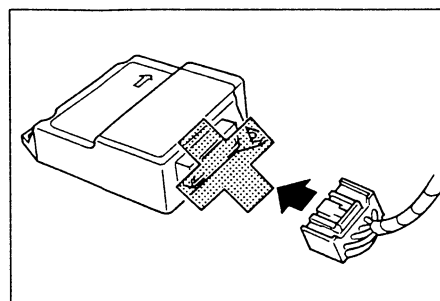
S



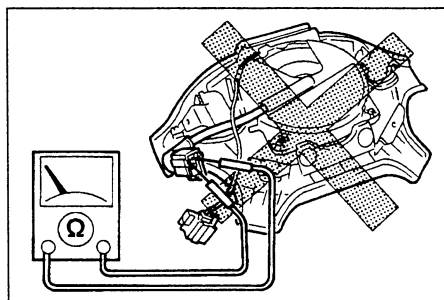
SERVICE WARNINGS

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 components.

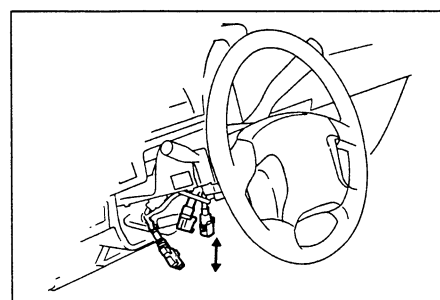


- Connecting the SAS unit connector before installing the SAS unit is dangerous. The shock of installation can cause the air bags to deploy, which may seriously injure you. Before connecting the SAS unit connector, firmly mount the SAS unit to the vehicle.



Air Bag Module Inspection

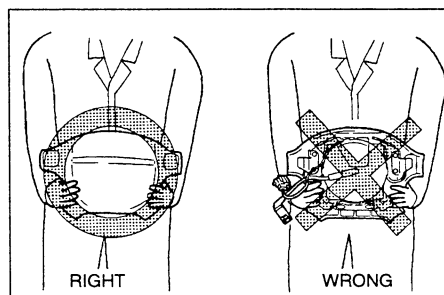
- Inspecting the air bag module with an ohmmeter can deploy the air bag, which can cause serious injury. Do not use an ohmmeter to inspect the air bag module.



GENERAL PROCEDURES

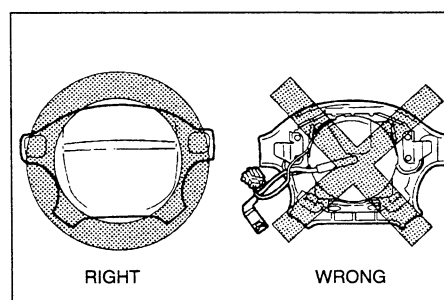
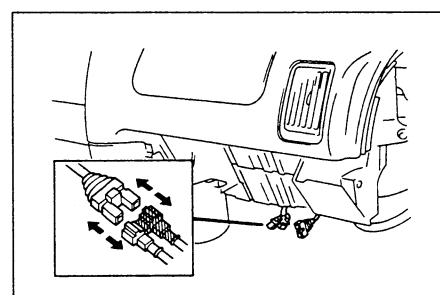
Before Servicing

- Turn the ignition switch to LOCK.
- Disconnect the negative battery cable and wait for more than one minute to allow the backup power supply to deplete its stored power.
- Remove the column cover. (Refer to section S.)
- Disconnect the orange and blue clock spring connectors.
- Remove the glove compartment cover. (Refer to section S.)
- Disconnect the orange and blue passenger-side air bag module connector.

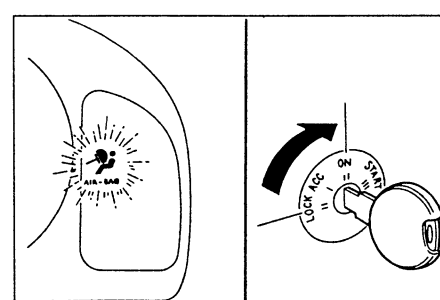


Air Bag Module Handling

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

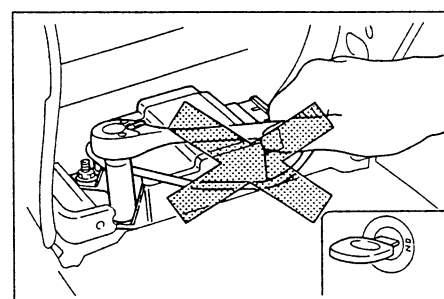


- A live air bag placed face down on a surface is dangerous. If the air bag deploys, the motion of the module can cause serious injury. Always face the trim cover up to reduce the motion of the module in case it accidentally deploys.



After Servicing

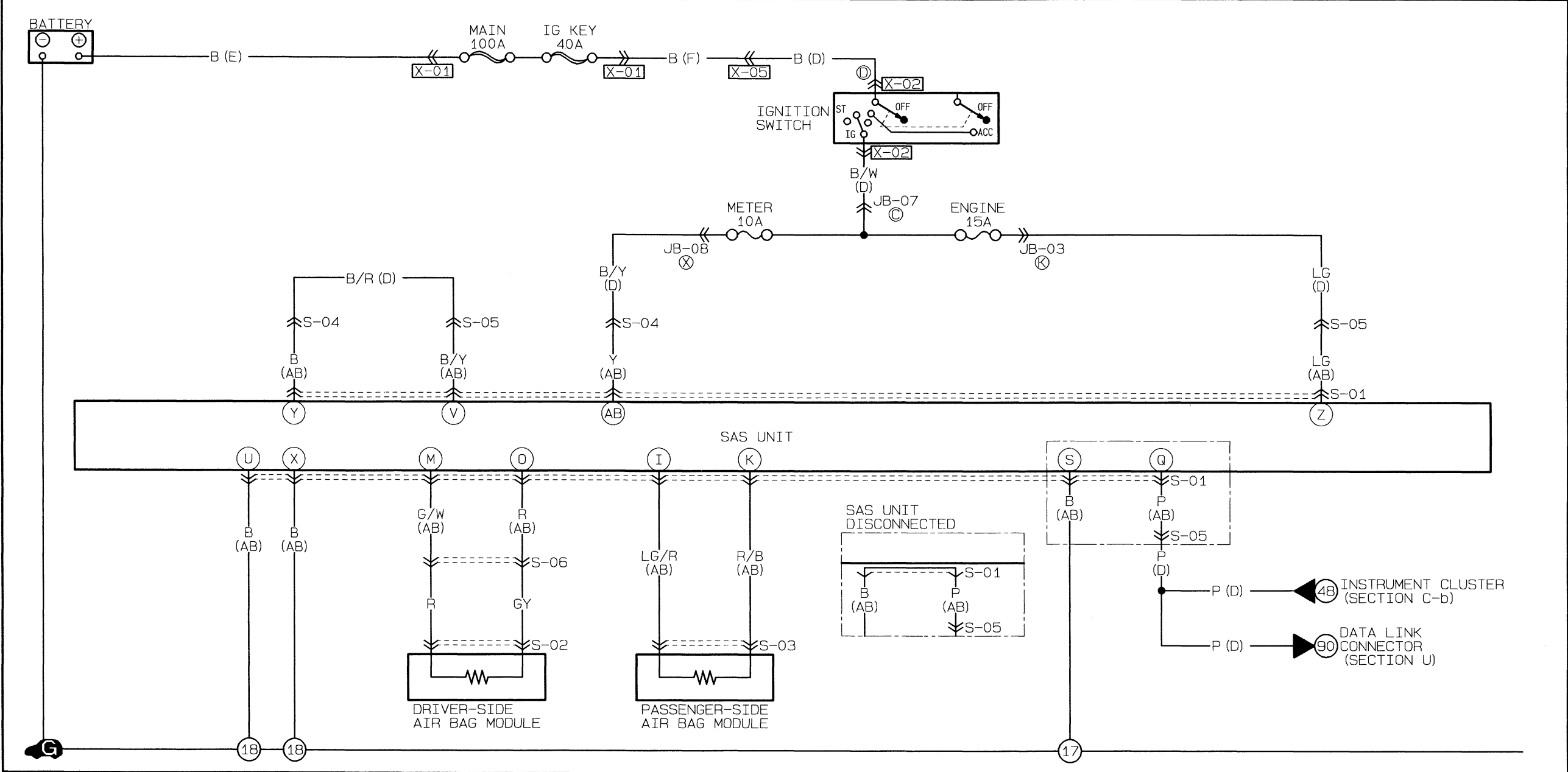
- Connect the negative battery cable.
- Turn the ignition switch to ON.
- Verify that the air bag system warning light illuminates for approximately 6 seconds and then goes off.



SAS Unit Handling

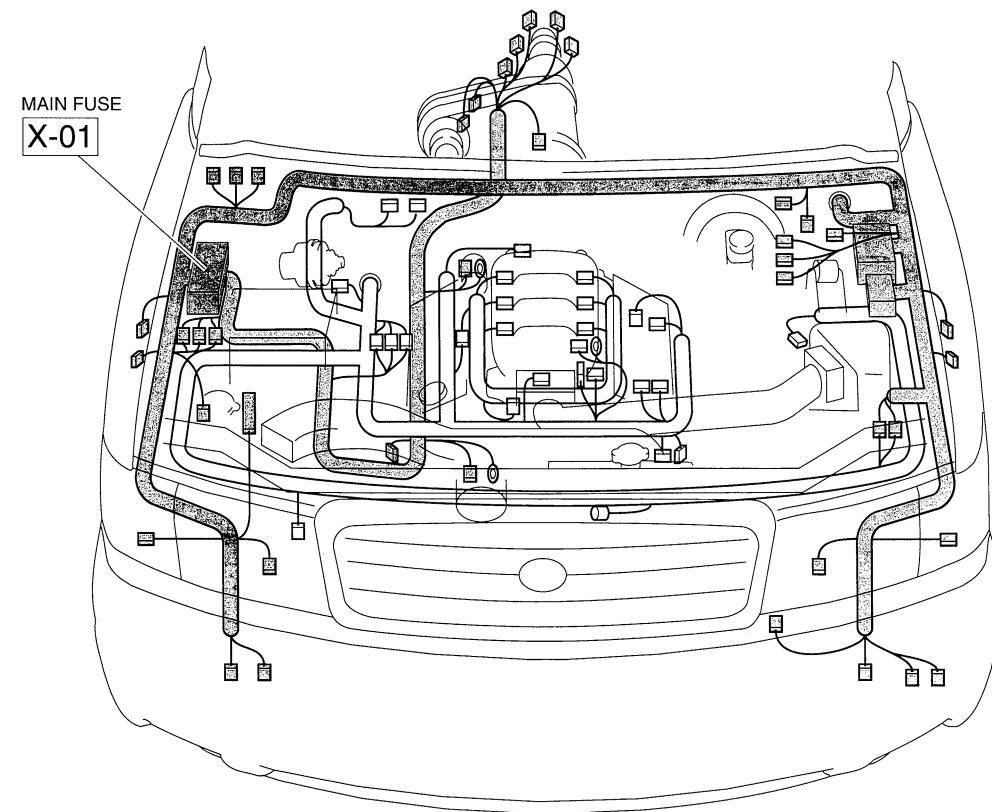
- Disconnecting the SAS unit connector or removing the SAS unit with the ignition switch at ON can cause the air bags to deploy, which may seriously injure you. Before disconnecting the SAS unit connector or removing the SAS unit, turn the ignition switch to LOCK.

S ■ AIR BAG SYSTEM

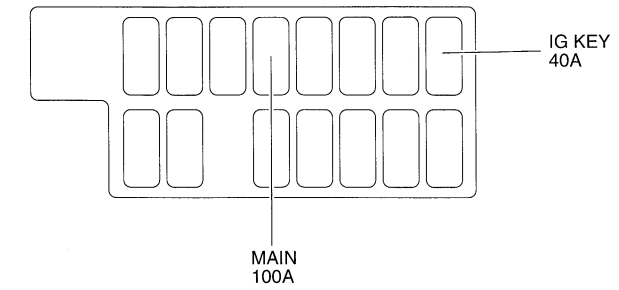


S-01 SAS UNIT (AB)		S-02 DRIVER-SIDE AIR BAG MODULE	S-03 PASSENGER-SIDE AIR BAG MODULE (AB)	S-06 AIR BAG (AB) -CLOCK SPRING	
AA Y W U S Q O M K I G E C A * B * B B P R G/W R/B LG/R * * * * Y LG B B/Y * * * AB Z X V F D B		G/R R GY	G/R LG/R R/B	(AB) G/R G/W R (CLOCK SPRING) GY R	
S-04 DASH (D) -AIR BAG (AB)		S-05 DASH (D) -AIR BAG (AB)			
(D) * G/O B/R B/Y (AB) Y B G/O *		(D) P B/R LG (AB) LG B/Y P			

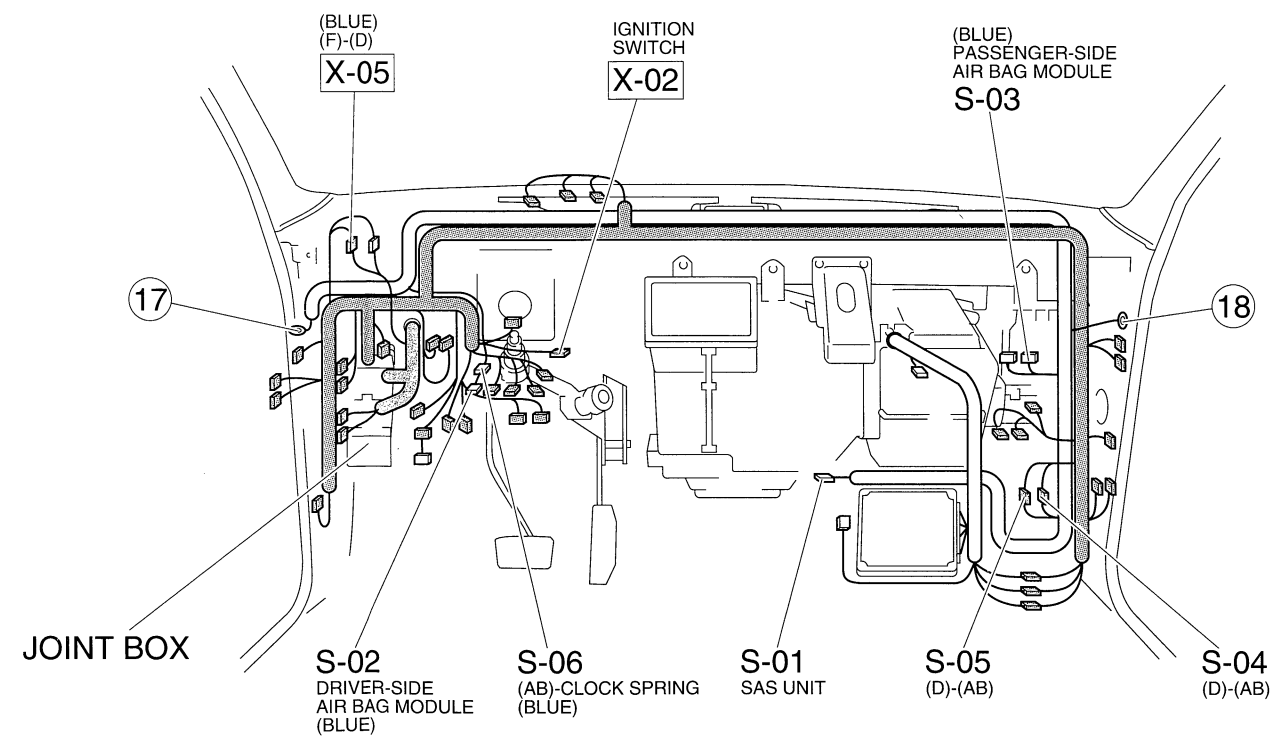
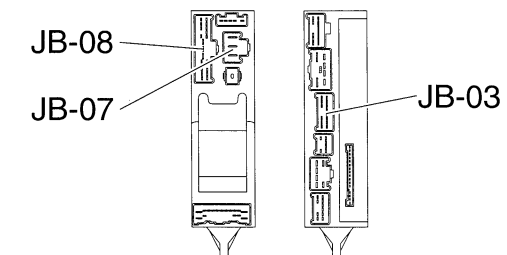
S



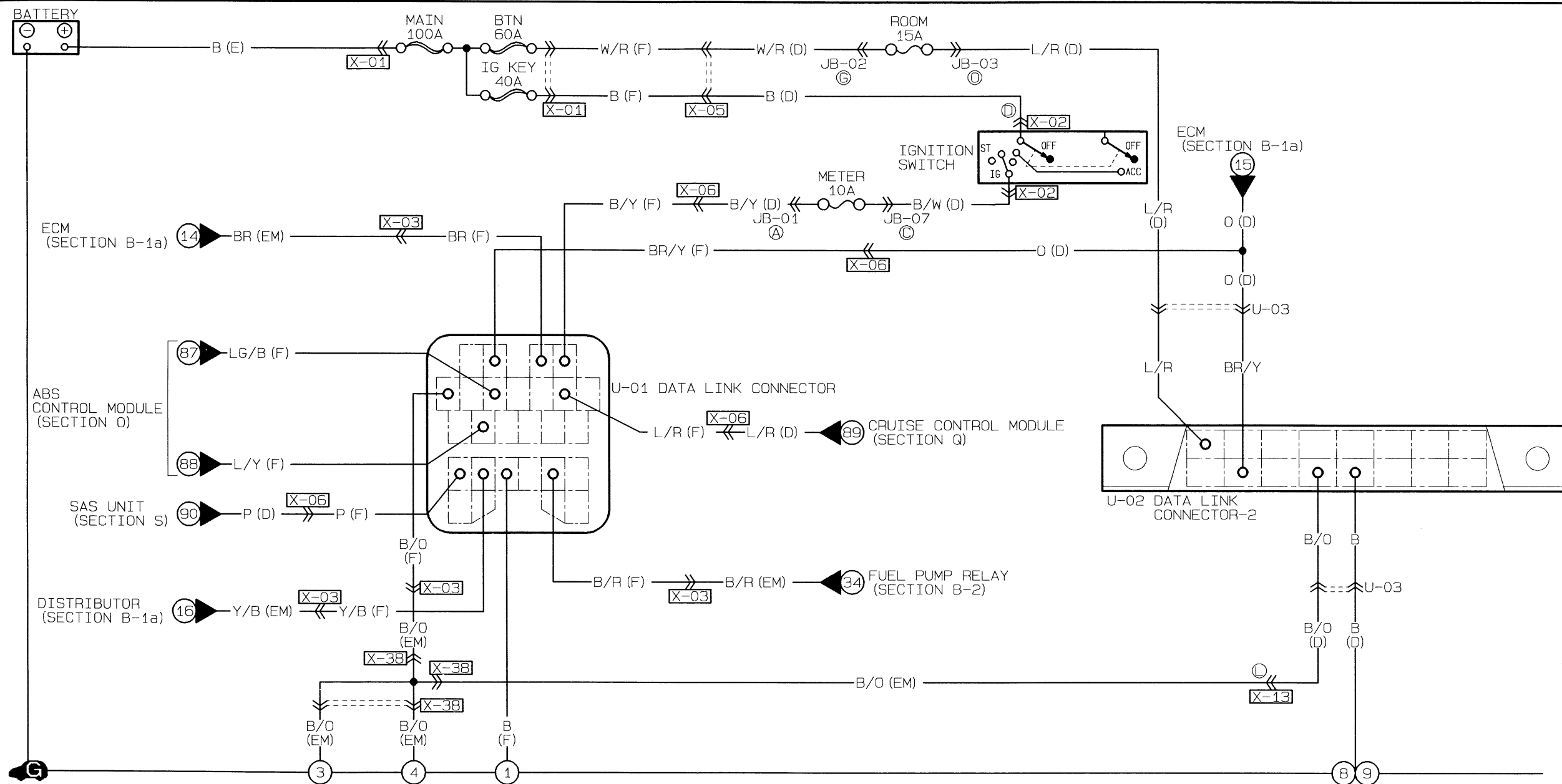
MAIN FUSE



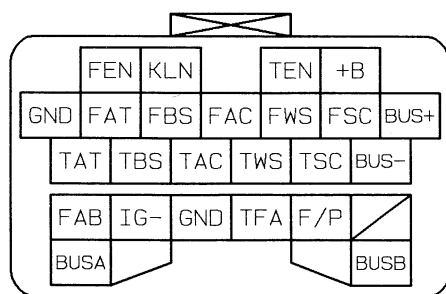
JOINT BOX



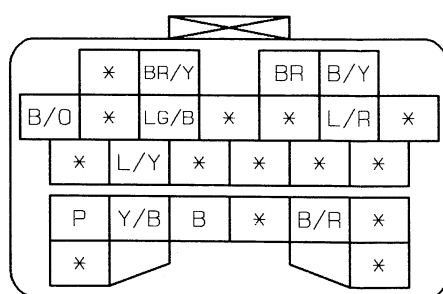
U ■ DATA LINK CONNECTORS



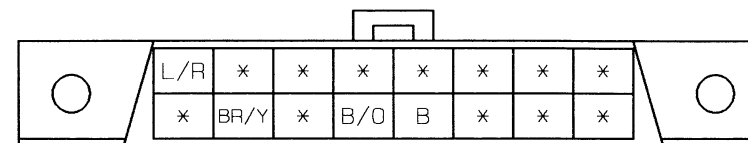
U-01 DATA LINK CONNECTOR (F)



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

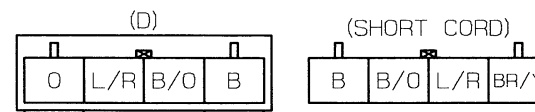


U-02 DATA LINK CONNECTOR-2

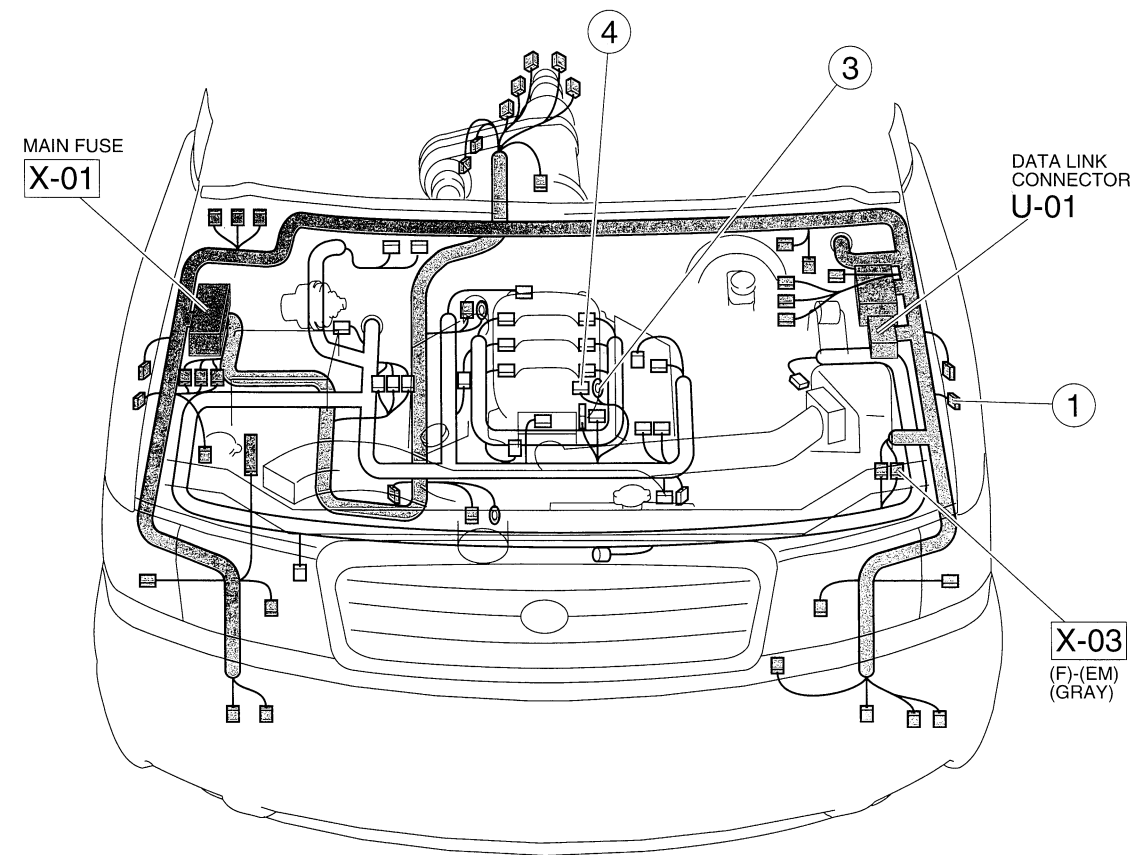


NOTE: THIS IS THE CONNECTOR AS SEEN FROM THE TERMINAL SIDE.

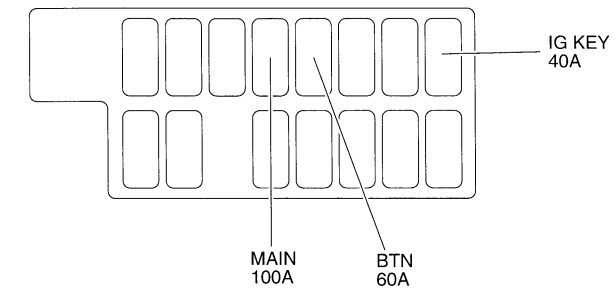
U-03 DASH (D) -SHORT CORD



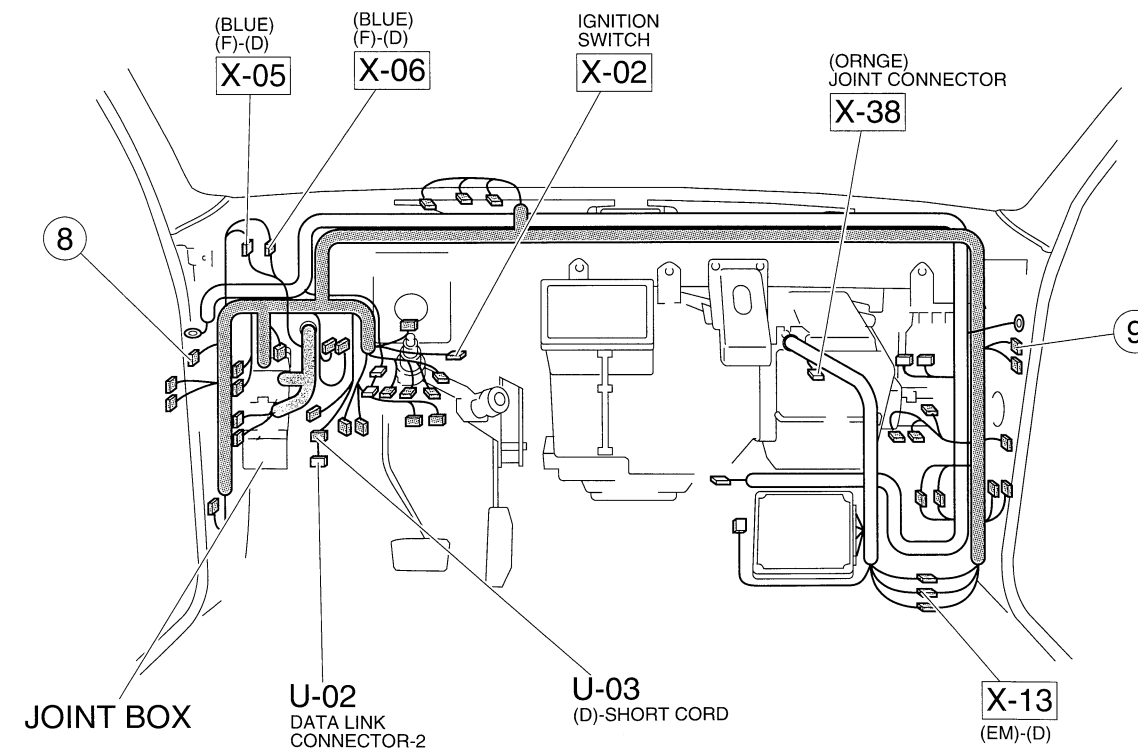
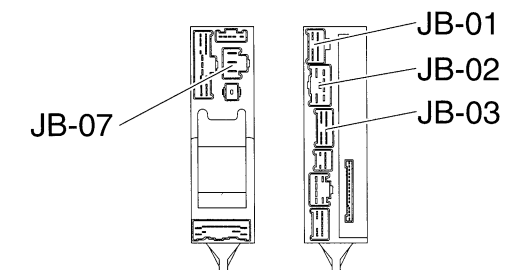
U



MAIN FUSE



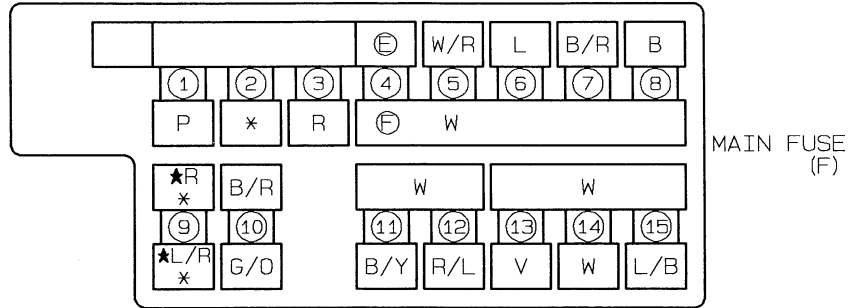
JOINT BOX



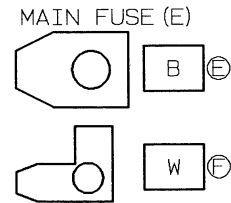
X-1 ■ COMMON CONNECTOR LIST (1/3)

0 4WD
★ CANADA

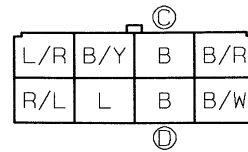
X-01 MAIN FUSE



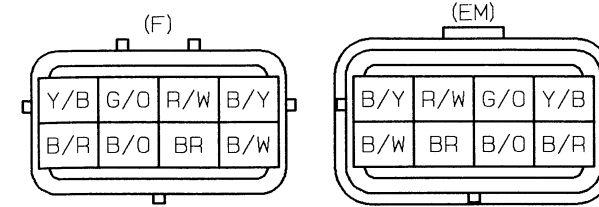
- | | |
|--------------|---------------|
| ① EGI 30A | ⑨ DRL 15A |
| ② * 30A | ⑩ ST. SIG 10A |
| ③ HEAD 30A | ⑪ R.A/C 20A |
| ④ MAIN 100A | ⑫ ALL 30A |
| ⑤ BTN 60A | ⑬ AD FAN 20A |
| ⑥ HEATER 40A | ⑭ A/C 15A |
| ⑦ ABS 60A | ⑮ ABS 20A |
| ⑧ IG KEY 40A | |



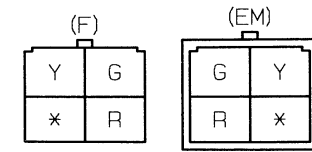
X-02 IGNITION AND KEY REMINDER SWITCH (D)



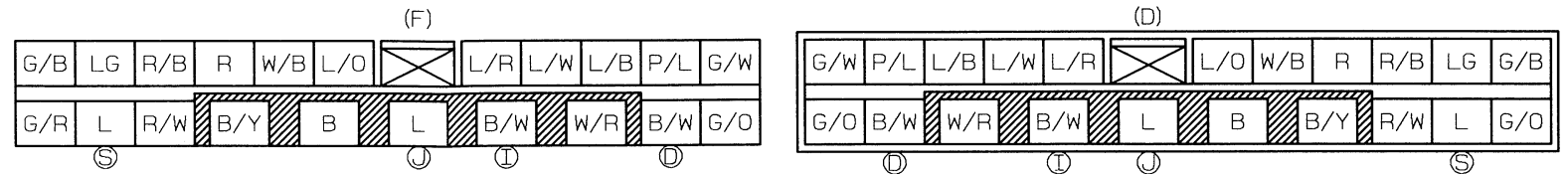
X-03 FRONT (F) -EMISSION (EM)



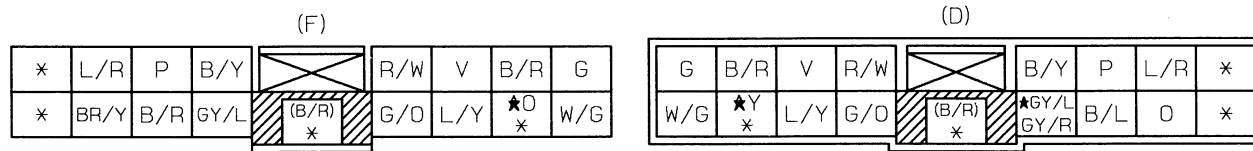
X-04 FRONT (F) -EMISSION (EM)



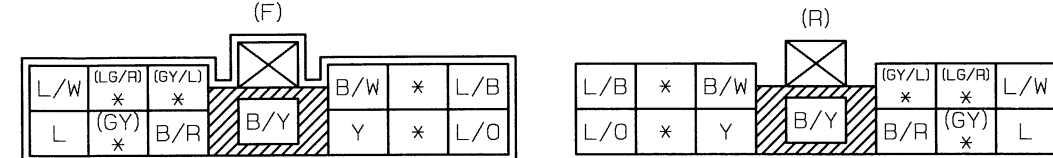
X-05 FRONT (F) -DASH (D)



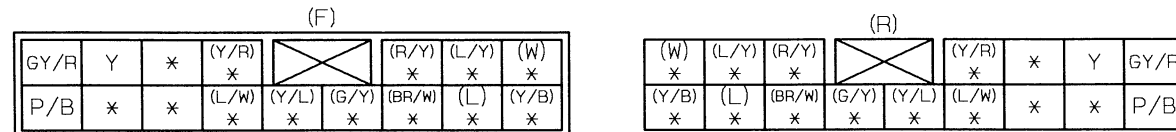
X-06 FRONT (F) -DASH (D)



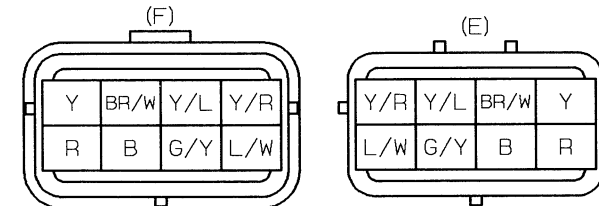
X-07 FRONT (F) -REAR (R)



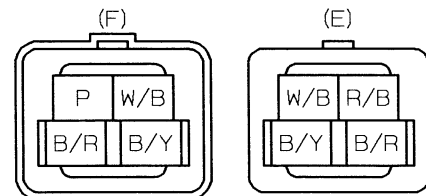
X-08 FRONT (F) -REAR (R)



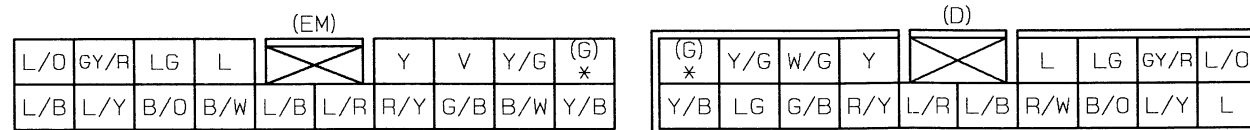
X-09 FRONT (F) -ENGINE (E)



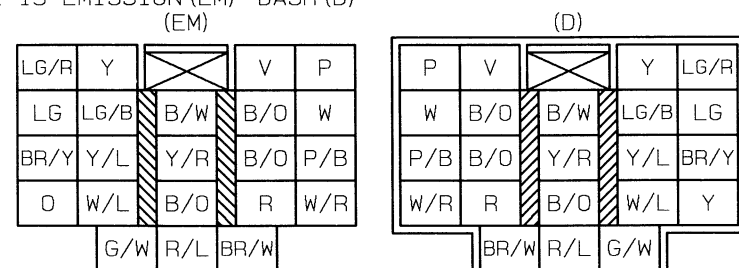
X-11 FRONT (F) -ENGINE (E)



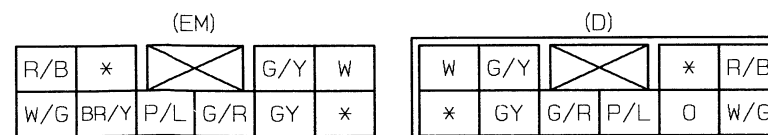
X-12 EMISSION (EM) -DASH (D)



X-13 EMISSION (EM) -DASH (D)



X-14 EMISSION (EM) -DASH (D)

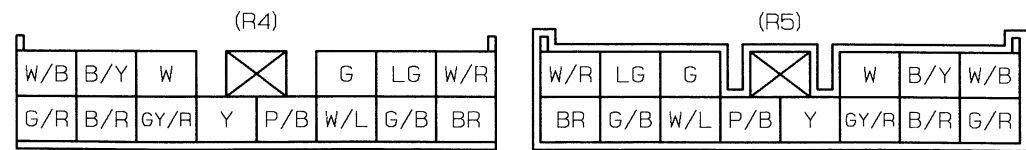


X-2 ■ COMMON CONNECTOR LIST (2/3)

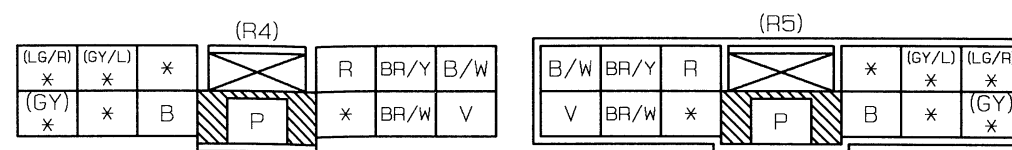
X-15 EMISSION (EM) -ENGINE (E)		X-16 EMISSION (EM) -ENGINE (E)		X-17 EMISSION (EM) -ENGINE (E)	
(EM) (E)		(EM) (E)		(EM) (E)	
X-18 INSTRUMENT PANEL (I) -DASH (D)		X-19 INSTRUMENT PANEL (I) -REAR (R)			
(I) (D)		(I) (R)			
X-20 DASH (D) -REAR (R)					
(D) (R)					
X-21 DASH (D) -REAR (R)		X-22 REAR (R) -REAR NO.2 (R2)		X-23 REAR (R) -REAR NO.2 (R2)	
(D) (R)		(R) (R2)		(R) (R2)	
X-25 REAR (R) -REAR NO.2 (R2)		X-26 REAR (R) -REAR NO.2 (R2)		X-27 REAR (R) -REAR NO.4 (R4)	
(R) (R2)		(R) (R2)		(R) (R4)	
X-28 REAR (R) -REAR NO.4 (R4)					
(R) (R4)					

X-3 ■ COMMON CONNECTOR LIST (3/3)

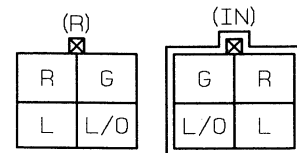
X-29 REAR NO.4 (R4) -REAR NO.5 (R5)



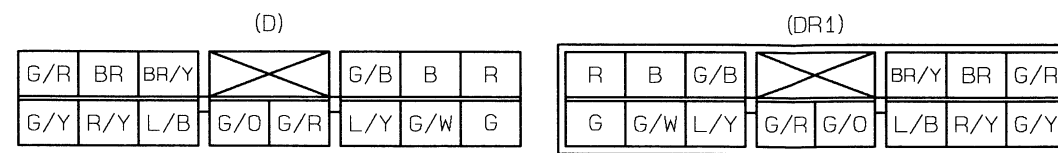
X-30 REAR NO.4 (R4) -REAR NO.5 (R5)



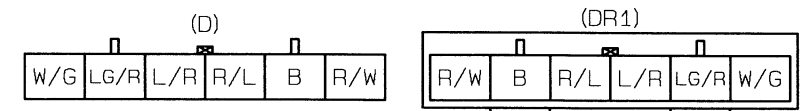
X-31 REAR (R) -INTERIOR (IN)



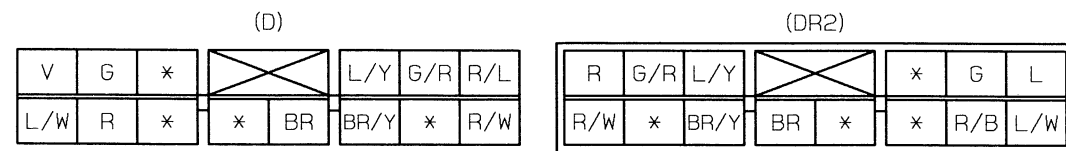
X-32 DASH (D) -DOOR NO.1 (DR1)



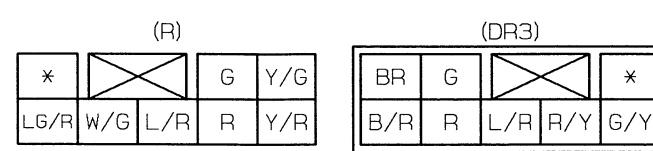
X-33 DASH (D) -DOOR NO.1 (DR1)



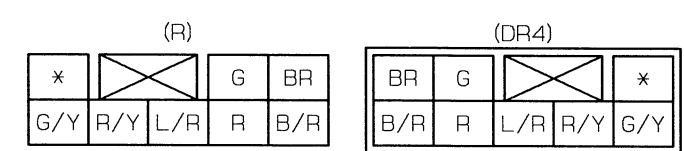
X-34 DASH (D) -DOOR NO.2 (DR2)



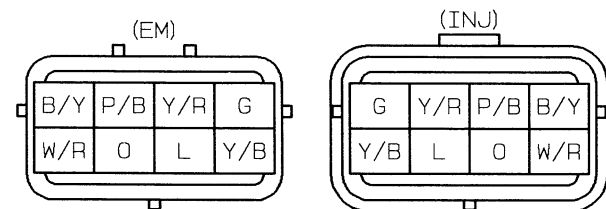
X-35 REAR (R) -DOOR NO.3 (DR3)



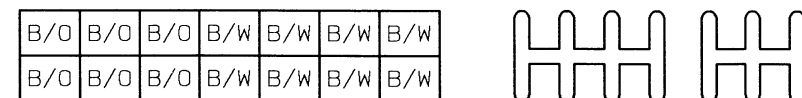
X-36 REAR (R) -DOOR NO.4 (DR4)



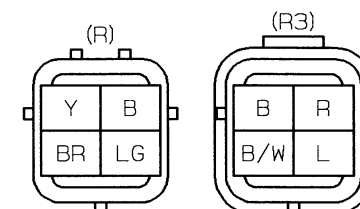
X-37 EMISSION (EM) -INJECTION (INJ)



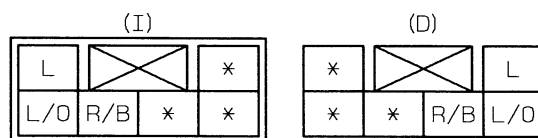
X-38 JOINT CONNECTOR (EM)



X-39 REAR (R) -REAR NO.3 (R3)

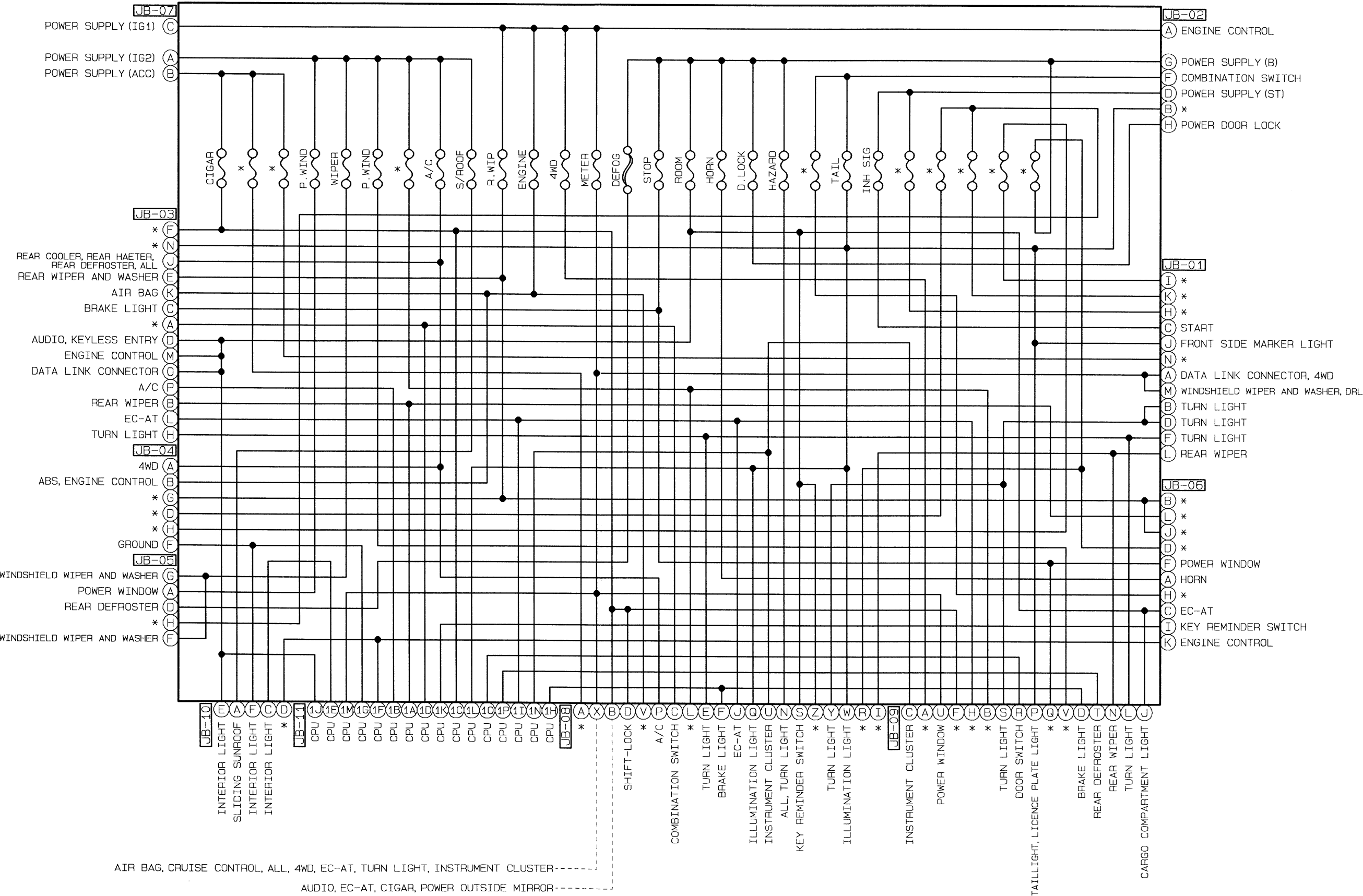


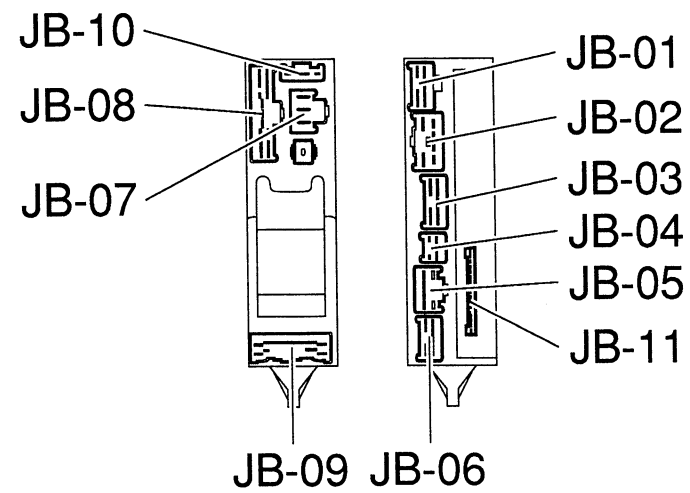
X-40 INSTRUMENT PANEL (I) -DASH (D)



Z WIRING DIAGRAM

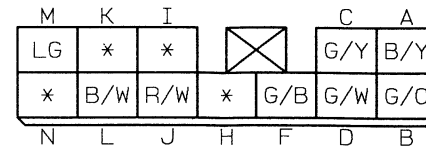
■ INTERCONNECTING DIAGRAM OF JOINT BOX



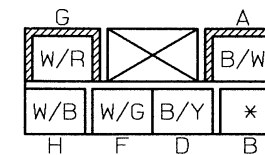
JOINT BOX


- | | |
|-----------|-----|
| ① HAZARD | 15A |
| ② ROOM | 15A |
| ③ S/ROOF | 20A |
| ④ METER | 10A |
| ⑤ P. WIND | 30A |
| ⑥ HORN | 10A |
| ⑦ * | |
| ⑧ 4WD | 20A |
| ⑨ * | |
| ⑩ A/C | 15A |
| ⑪ * | |
| ⑫ * | |
| ⑬ R. WIP | 15A |
| ⑭ WIPER | 20A |
| ⑮ P. WIND | 30A |
| ⑯ TAIL | 15A |
| ⑰ * | |
| ⑱ CIGAR | 15A |
| ⑲ ENGINE | 15A |
| ⑳ * | |
| ㉑ STOP | 20A |
| ㉒ INH SIG | 10A |
| ㉓ * | |
| ㉔ * | |
| ㉕ D. LOCK | 30A |
| ㉖ * | |
| ㉗ * | |
| ㉘ * | |
| ㉙ DEFOG | 30A |

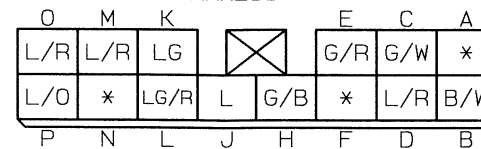
JB-01 DASH HARNESS



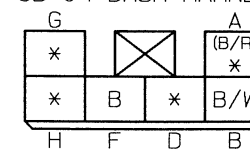
JB-02 DASH HARNESS



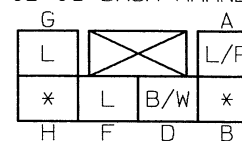
JB-03 DASH HARNESS



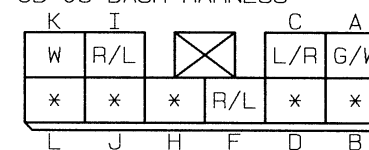
JB-04 DASH HARNESS



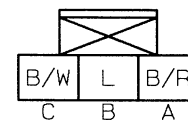
JB-05 DASH HARNESS



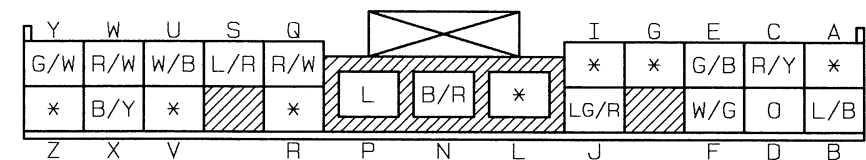
JB-06 DASH HARNESS



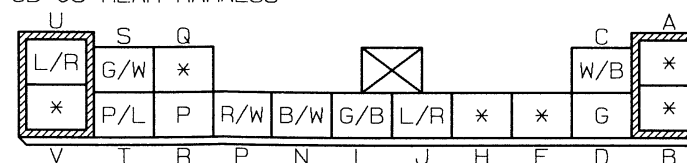
JB-07 DASH HARNESS



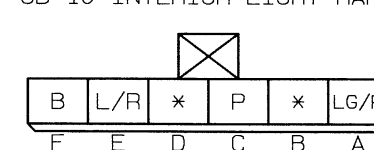
JB-08 DASH HARNESS



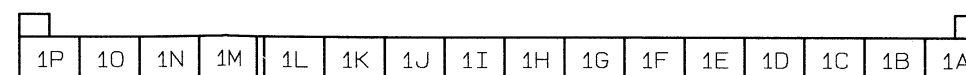
JB-09 REAR HARNESS



JB-10 INTERIOR LIGHT HARNESS



JB-11 CPU



4	4WD RELAYS	Z-62
	4WD/2WD SHIFT SWITCH	Z-62
A	A/C RELAY	Z-52
	A/C SWITCH	Z-52
	ABS CONTROL MODULE	Z-84
	ABS WHEEL SPEED SENSORS	Z-84
	AFW SWITCH	Z-62
	ALL CONTROL MODULE	Z-88
	ASH TRAY ILLUMINATION	Z-66
	AUDIO UNIT	Z-72
	AUDIO UNIT ILLUMINATION	Z-66
B	BACK DOOR SWITCH	Z-68
	BACK-UP LIGHTS	Z-50
	BLOWER RELAY	Z-52
	BRAKE FLUID LEVEL SENSOR	Z-36
	BRAKE LIGHTS	Z-48
	BRAKE SWITCH	Z-48,86
	BUCKLE SWITCH	Z-34
	BUZZER	Z-32
C	CARGO COMPARTMENT LIGHT	Z-68
	CDCV	Z-28
	CENTER DIFFERENTIAL LOCK SWITCH ILLUMINATION	Z-66
	CENTER DIFFERENTIAL LOCK SWITCH	Z-62
	CHANGE MOTOR	Z-62
	CHECK CONNECTOR	Z-88
	CIGARETTE LIGHTER	Z-64
	CLOCK SPRING	Z-48,92
	COMBINATION SWITCH	Z-42,44
	COMP MOTOR	Z-88
	COMP RELAY	Z-88
	CONDENSER FAN	Z-52
	CONDENSER FAN RELAY	Z-52
	CPU	Z-70,76,78
	CRANKSHAFT POSITION SENSOR	Z-26
	CRUISE ACTUATOR	Z-86
	CRUISE CONTROL MAIN SWITCH	Z-86
	CRUISE CONTROL MAIN SWITCH ILLUMINATION	Z-66
	CRUISE CONTROL MODULE	Z-86
	CRUISE CONTROL SWITCH	Z-86
D	DATA LINK CONNECTORS	Z-94
	DISTRIBUTOR	Z-22
	DOOR LOCK ACTUATORS	Z-76
	DOOR LOCK TIMER UNIT	Z-76
	DOOR SPEAKERS	Z-72
	DOOR SWITCHES	Z-68
	DRIVER-SIDE AIR BAG MODULE	Z-92
	DRL RELAY	Z-42
	DRL RESISTOR	Z-42
	DROPPING RESISTOR	Z-58
E	EC-AT SOLENOID VALVE	
	OVER RUNNING CLUTCH	Z-58
	PRESSURE CONTROL	Z-58
	SHIFT SOLENOID A	Z-58
	SHIFT SOLENOID B	Z-58
	TORQUE CONVERTER CLUTCH	Z-58
	TRANSMISSION FLUID TEMPERATURE SWITCH	Z-76
	ECM	Z-22,24,26,28
	ENGINE COOLANT TEMPERATURE SENSOR	Z-24
	EXHAUST SOLENOID	Z-88

F	FAN SWITCH	Z-52
	FILAMENT	Z-64
	FLASHER UNIT	Z-46
	FREE(AFW)SOLENOID VALVE	Z-62
	FRONT BLOWER MOTOR	Z-52
	FRONT RESISTOR	Z-52
	FRONT SIDE MARKER LIGHTS	Z-44
	FRONT TURN LIGHTS	Z-46
	FUEL GAUGE	Z-32
	FUEL GAUGE SENDER UNIT	Z-32
	FUEL INJECTORS	Z-26
	FUEL PUMP	Z-30
	FUEL PUMP RELAY	Z-30
	FUEL TANK PRESSURE SENSOR	Z-24
G	G SENSOR	Z-84
	GENERATOR	Z-20
H	HAZARD WARNING SWITCH	Z-46
	HAZARD WARNING SWITCH ILLUMINATION	Z-66
	HEADLIGHTS	Z-42
	HEATED OXYGEN SENSORS	Z-28
	HEATER CONTROL UNIT	Z-52
	HEATER CONTROL UNIT ILLUMINATION	Z-66
	HEIGHT SENSOR	Z-88
	HIGH-MOUNT BRAKE LIGHT	Z-48
	HORN RELAY	Z-48
	HORN SWITCH	Z-48
	HORNS	Z-48
I	IAC VALVE	Z-28
	INSTRUMENT CLUSTER	Z-32,34,36
	INSTRUMENT CLUSTER ILLUMINATION	Z-66
	INTAKE AIR TEMPERATURE SENSOR	Z-24
	INTERIOR LIGHTS	Z-68
	INTERMITTENT WIPER RELAY	Z-38
K	KEY REMINDER SWITCH	Z-70
	KEYLESS ENTRY UNIT	Z-76
L	LICENCE PLATE LIGHTS	Z-44
	LIFTGATE LOCK ACTUATOR	Z-76
	LIMIT SWITCH	Z-62
	LOCK(AFW)SOLENOID VALVE	Z-62
	LOCK-LINK SWITCHES	Z-78
M	MAGNETIC CLUTCH	Z-52
	MAGNETIC SOLENOID VALVE	Z-54
	MAIN RELAY	Z-22
	MASS AIR FLOW SENSOR	Z-28
	MULTI-MODE 4WD MODULE	Z-62
O	O/D OFF SWITCH	Z-60
	OIL PRESSURE SWITCH	Z-34
	OUTPUT SPEED SENSOR	Z-60
P	PANEL LIGHT CONTROL SWITCH	Z-66
	PARKING BRAKE SWITCH	Z-36
	PASSENGER-SIDE AIR BAG MODULE	Z-48,92
	POSITION SWITCH	Z-62
	POWER OUTSIDE MIRROR MOTORS	Z-80
	POWER OUTSIDE MIRROR SWITCH	Z-80
	POWER STEERING PRESSURE SWITCH	Z-26
	POWER WINDOW MAIN SWITCH	Z-74
	POWER WINDOW REGULATORS	Z-74
	POWER WINDOW SUBSWITCH	Z-74
	PRC SOLENOID VALVE	Z-28
	PURGE SOLENOID VALVE	Z-28

R	REAR BLOWER MOTOR	Z-54	T	TACHOMETER	Z-32
	REAR COOLER FAN SWITCH	Z-54		TAILLIGHTS	Z-44
	REAR COOLER MAIN SWITCH	Z-54		THERMOSWITCH	Z-52
	REAR COOLER MAIN SWITCH ILLUMINATION	Z-66		THROTTLE POSITION SENSOR	Z-24
	REAR COOLING UNIT	Z-54		TPCV	Z-28
	REAR HEATER BLOWER MOTOR	Z-56		TRANSMISSION CONTROL MODULE	Z-58,60
	REAR HEATER BLOWER RELAY	Z-56		TRANSMISSION FLUID TEMPERATURE SENSOR	Z-60
	REAR HEATER MAIN SWITCH	Z-56		TRANSMISSION RANGE SWITCH	Z-18,58
	REAR HEATER MAIN SWITCH ILLUMINATION ..	Z-66		TURN SWITCH	Z-46
	REAR HEATER FAN SWITCH	Z-56	V	VEHICLE SPEED SENSOR	Z-32
	REAR HEATER RESISTOR	Z-56		VOLTAGE REGULATOR	Z-20
	REAR HEATER UNIT	Z-56		VRIS SOLENOID VALVE	Z-28
	REAR RESISTOR	Z-54	W	WATER TEMPERATURE GAUGE	Z-32
	REAR TURN LIGHTS	Z-46		WATER TEMPERATURE SENDER UNIT	Z-32
	REAR WASHER MOTOR	Z-40		WINDSHIELD WASHER MOTOR	Z-38
	REAR WASHER SWITCH	Z-40		WINDSHIELD WASHER SWITCH	Z-38
	REAR WASHER SWITCH ILLUMINATION	Z-66		WINDSHIELD WIPER MOTOR	Z-38
	REAR WINDOW DEFROSTER RELAY	Z-64		WINDSHIELD WIPER SWITCH	Z-38
	REAR WINDOW DEFROSTER SWITCH	Z-64			
	REAR WINDOW DEFROSTER SWITCH ILLUMINATION	Z-66			
	REAR WIPER MOTOR	Z-40			
	REAR WIPER SWITCH	Z-40			
	REAR WIPER SWITCH ILLUMINATION	Z-66			
	REFRIGERANT PRESSURE SWITCH	Z-52			
S	SAS UNIT	Z-92			
	SHIFT-LOCK SOLENOID VALVE	Z-58			
	SPOT LIGHTS	Z-68			
	STARTER	Z-18			
	SUNROOF MOTOR ASSEMBLY	Z-82			
	SUNROOF RELAY	Z-82			
	SUNROOF SWITCH	Z-82			

