



RANGER 2000 → 2002 left-hand-drive (LHD) Wiring Diagrams

FOREWORD

This manual has been prepared to provide information covering normal service repairs and maintenance for the RANGER series.

As all information in this manual was the best available at the time of printing, vehicle specification and other information will be updated in Service Information.

Ford Motor Company

APPLICATION:

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

SECTION TITLE	SECTION
General Information	GI
Ground points	Y
Schematic	W
System circuit diagrams / Component Location Views	A~U
Connectors	X
Parts index	PI

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Vehicle identification numbers (VIN) (Chassis numbers)

European specifications (LHD)

WF0	BMF*	30WW	100001-	WF0	BMFE*	40WW	100001-
WF0	BME*	30WW	100001-	WF0	BMEE*	40WW	100001-
WF0	DMF*	30WW	100001-	WF0	DMFE*	40WW	100001-
WF0	DME*	30WW	100001-	WF0	DMEE*	40WW	100001-
WF0	LMF*	30WW	100001-	WF0	LMFE*	40WW	100001-
WF0	LME*	30WW	100001-	WF0	LMEE*	40WW	100001-
WF0	BMD*	30WW	100001-	WF0	BMD*	40WW	100001-
WF0	BMC*	30WW	100001-	WF0	BMC*	40WW	100001-
WF0	DMD*	30WW	100001-	WF0	DMD*	40WW	100001-
WF0	DMC*	30WW	100001-	WF0	DMC*	40WW	100001-
WF0	LMD*	30WW	100001-	WF0	LMD*	40WW	100001-
WF0	LMC*	30WW	100001-	WF0	LMC*	40WW	100001-
WF0	BMB*	30WW	100001-	WF0	BMB*	40WW	100001-
WF0	BMA*	30WW	100001-	WF0	BMA*	40WW	100001-
WF0	DMB*	30WW	100001-	WF0	DMB*	40WW	100001-
WF0	DMA*	30WW	100001-	WF0	DMA*	40WW	100001-
WF0	LMB*	30WW	100001-	WF0	LMB*	40WW	100001-
WF0	LMA*	30WW	100001-	WF0	LMA*	40WW	100001-

General specifications (LHD)

MNC	BSF*	30WW	100001-	MNC	BSB*	30WW	100001-
MNC	BSE*	30WW	100001-	MNC	BSA*	30WW	100001-
MNC	BSF*	3WWW	100001-	MNC	BSB*	3WWW	100001-
MNC	BSE*	3WWW	100001-	MNC	BSA*	3WWW	100001-

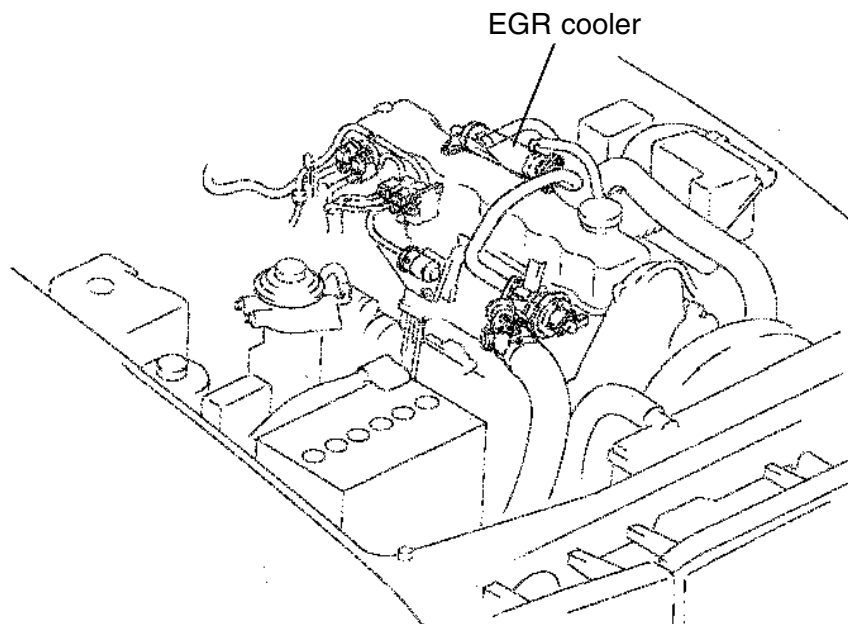
WF0	BMBD20*	W	100001-
WF0	BMDD20*	W	100001-
WF0	BMDE40*	W	100001-
WF0	LMAD20*	W	100001-
WF0	LMBD20*	W	100001-
WF0	LMBE40*	W	100001-
WF0	LMDE40*	W	100001-
WF0	LMFE40*	W	100001-

Z

Note:

Euro 3 regulation models (WL-3, WLT-3 engines) are equipped with an EGR cooler in the engine compartment.

Non Euro 3 regulation models are not equipped with an EGR cooler in the engine compartment.



Wire colours

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

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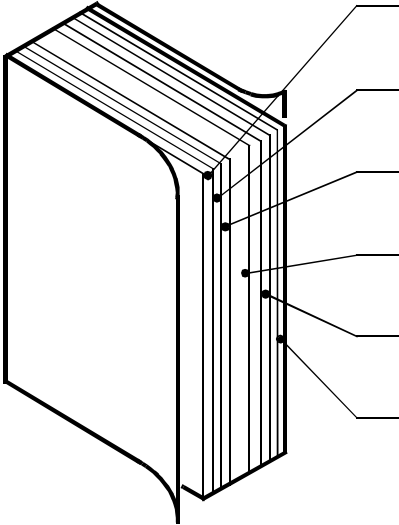
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- This document comprises the 6 groups shown below.

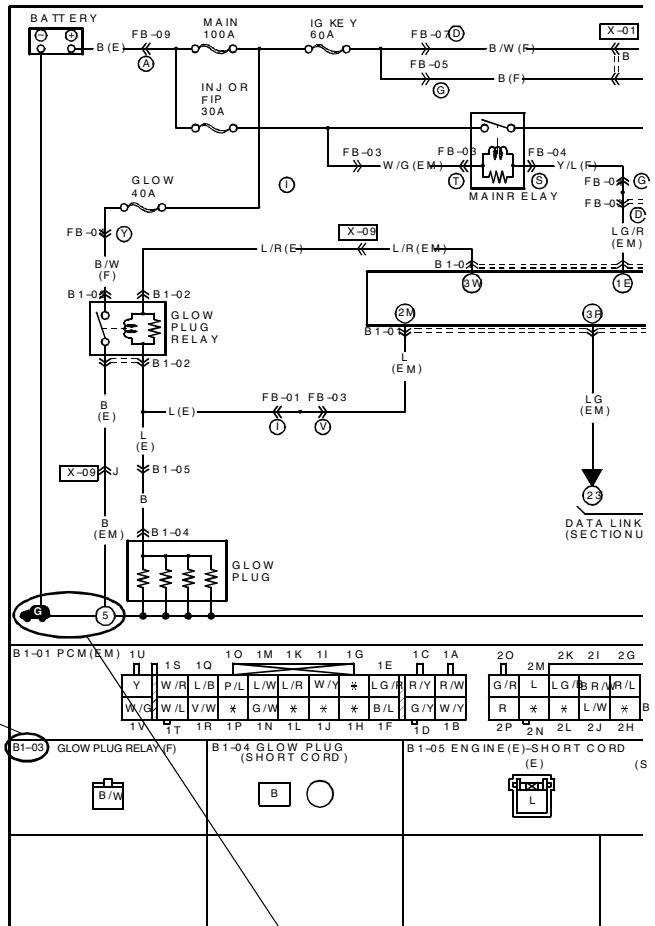
	GI	General Information	A how-to on using and reading wiring diagrams, using test equipment, checking harnesses and connectors, and finding trouble spots
	Y	Ground points	Ground routes from and to the battery
	W	Schematic	Shows main fuses and other fuses for each system
	A~U	System circuit diagrams / Component Location Views	Shows circuit and connector diagrams and component and connector location diagrams
	X	Connectors	Shows connectors common throughout system
	PI	Parts index	Gives page number of circuit diagram for each component

System circuit diagram/connector diagram

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

System name

ENGINE CONTROL SYSTEM



Connector code

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

- Y : Ground connector
- A : Charging system/starting system connectors
- B : Engine control system connectors
- C : Gauge control system connectors
- D : Wiper system connectors
- E : Lighting system connectors
- F : Signal system connectors
- G : Air conditioning system connectors
- H : Transmission control system connectors
- I : Interior light system connectors
- J : Audio/radio system connectors
- K : Power window/power door lock system connectors
- L : Remote control mirror system connectors
- M : Sliding sunroof system connectors
- N : Power steering/4-wheel steering system connectors
- O : Anti-lock brake system connectors
- P : Power seat/seat heater system connectors
- Q : Auto cruise control system connectors
- R : Auto adjusting suspension system connectors
- S : Passive shoulder belt control/Airbag system connectors
- T : Others
- U : Data link connector
- X : Common connectors
- JB: Joint box connections

Ground numbers

A harness ground is represented differently than a unit ground.

Types of grounds	Symbol
Harness 	
Unit 	
Sensor 	

System code

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

Current symbol

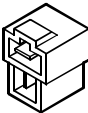
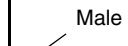
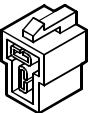
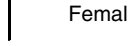
Current flows in the direction of the arrow.

Indicates shielded wire.*

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

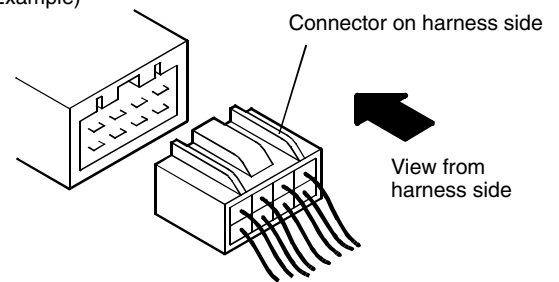
Connector symbols

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

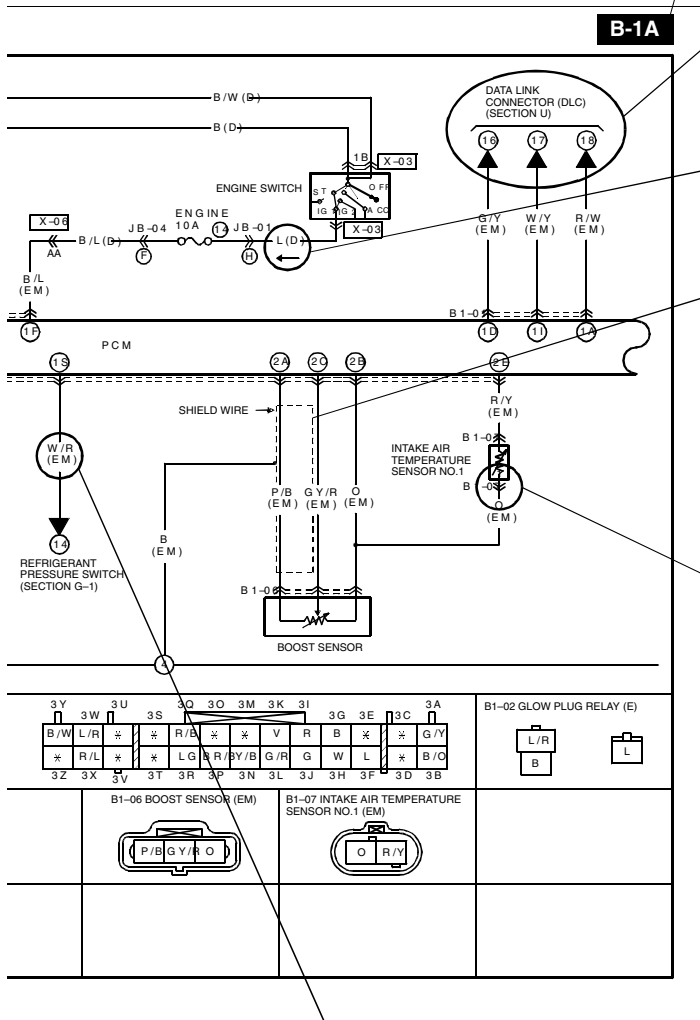
		Circuit diagram symbol	Connector diagram symbol
Male			
Female			

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

(Example)



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



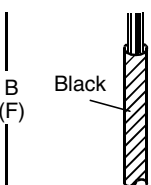
Wire color code (harness symbol)

- Two-colour wires are indicated by a two-letter symbol. The first indicates the base colour of the wire, the second the colour of the stripe. For example:

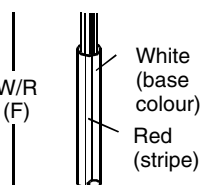
W/R is a white wire with a red strip
BR/Y is a brown wire with a yellow strip

Symbol
(Example)

Solid colour wire



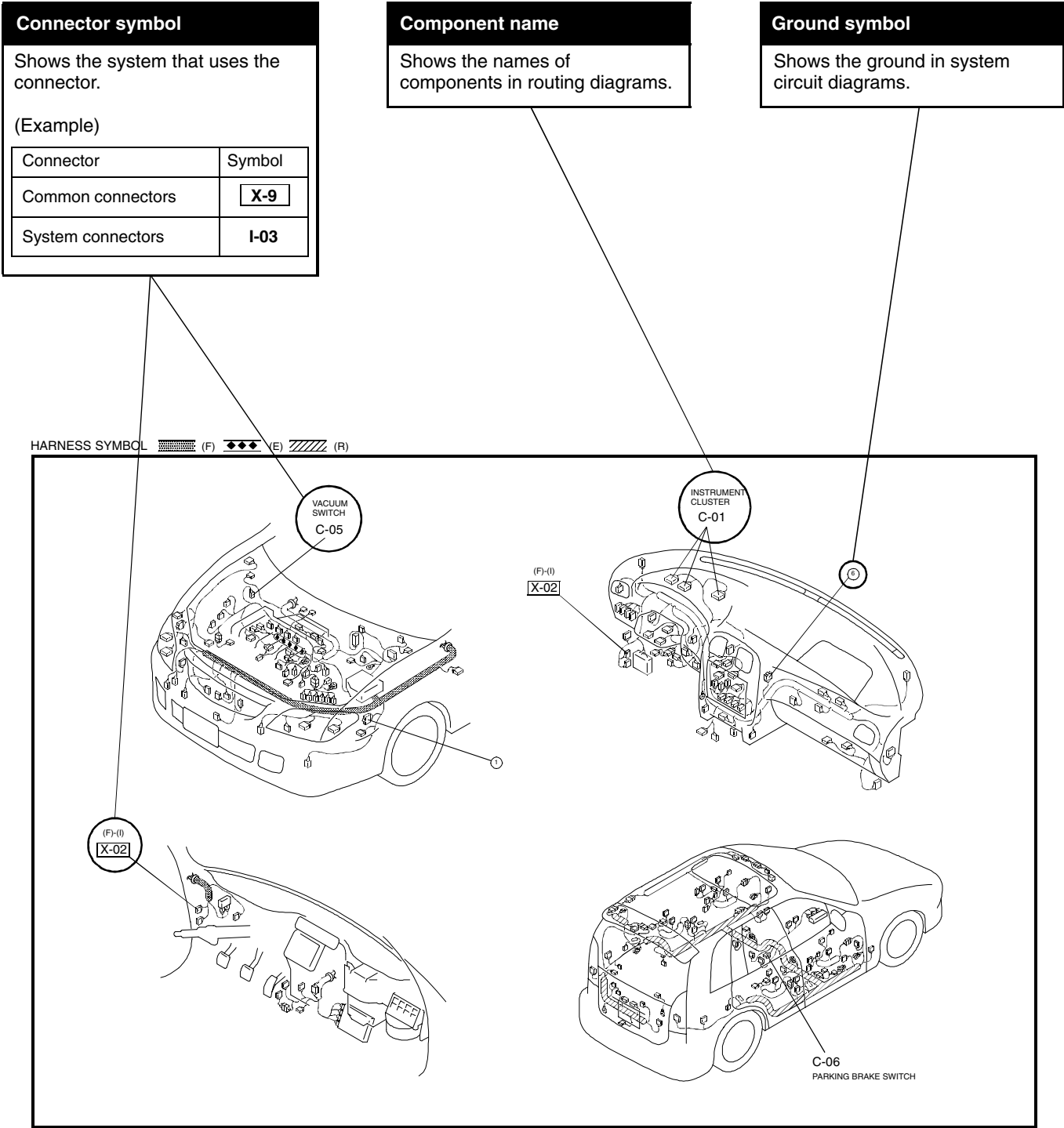
Striped wire



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

Routing diagram

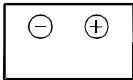
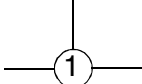
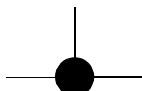
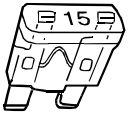
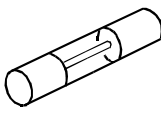
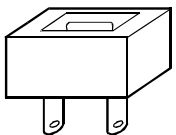
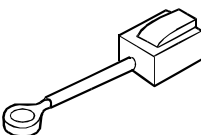
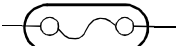
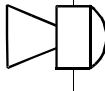
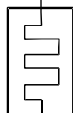
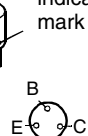
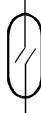
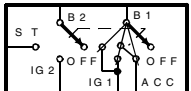
- The routing diagram shows where electrical components are on the system circuit diagram by call out line and connector symbols.

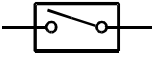
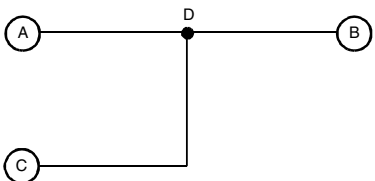
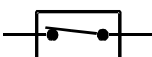
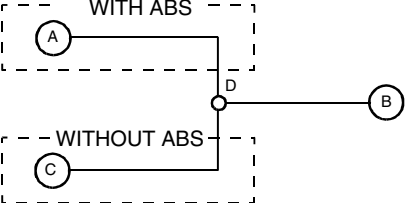
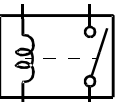
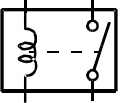
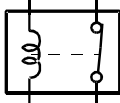
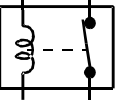
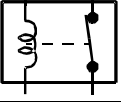
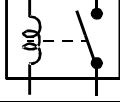
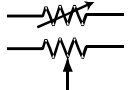
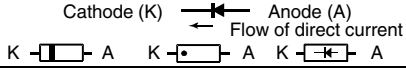
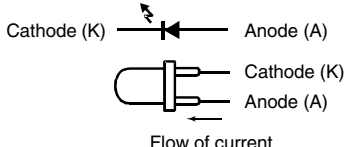
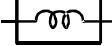


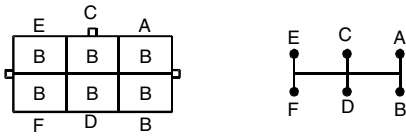
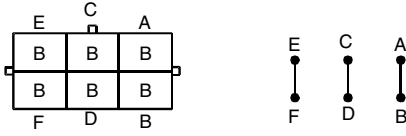
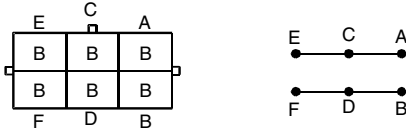
Harness symbols

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

Symbols

Symbol	Meaning	Symbol	Meaning
Battery 	- Generates electricity through chemical reaction. - Supplies direct current to circuits.	Light 	Emits light and generates heat when current flows through filament.
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.	Resistance 	- A resistor with constant value. - Mainly used to protect electrical components in circuits by maintaining rated voltage.
Ground (2) 		Motor 	Converts electrical energy into mechanical energy.
Fuse (1)  (Box)	- Melts when current flow exceeds that specified for circuit, interrupts current flow. Precautions - Do not replace with fuses exceeding specified capacity. <Blade type>  <Tube type>  <Cartridge type>  <Fusible link> 	Pump 	Pulls in and discharges gases and liquids.
Fuse (2)  (Cartridge)		Cigarette lighter 	Electrical coil that generates heat.
Main fuse/ Fusible link 		Horn 	Generates sound when current flows.
Transistor (1) Collector (C) Base (B)  Emitter (E)		Speaker 	Heater 
Transistor (2) Collector (C) Base (B)  Emitter (E)	- Electrical switching component. - Turns on when voltage is applied to the base (B). Collector indication mark   	Speed sensor 	Movement of magnet in speedometer turns contact within sensor on and off.
	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	Ignition switch 	Turning ignition key switches circuit to operate various components.

Symbol	Meaning	Symbol	Meaning
Switch (1)  Normally open (NO)	Allows or breaks current flow by opening and closing circuits.	Harness Connection  When circuit C-D is connected to circuit A-B, the connection D is indicated by a black dot.	 For vehicles with ABS, use the A-B circuit.
Switch (2)  Normally closed (NC)		Selection  Diversion point D for the different circuits according to the vehicle's specification is indicated by a white dot.	 For vehicles without ABS, use the C-B circuit.
Relay (1)  Normally open (NO)	Current flowing through coil produces electromagnetic force causing contact to open or close. No current to coil  No Flow Current to coil  Flow		
Relay (2)  Normally closed (NC)	Current flowing through coil produces electromagnetic force causing contact to close. No current to coil  Flow Current to coil  No Flow		
Sensor (variable) 	Resistance changes with other components' operation.	Diode 	Known as a semiconductor rectifier, the diode allows current to flow in one direction only. Cathode (K) Anode (A)  Flow of direct current
Sensor (thermistor) 	Resistance changes with temperature.	Light-emitting diode (LED) 	- A diode that lights when current flows. - Unlike ordinary bulbs, the diode does not generate heat when lit. Cathode (K) Anode (A)  Flow of current
Capacitor 	Component that temporarily stores electrical charge.		
Solenoid 	Current flowing through coil generates electromagnetic force to operate plungers.	Reference diode (Zener diode) 	Allows current to flow in one direction up to a certain voltage; allows current to flow in the other direction once that voltage is exceeded.

Symbol	Meaning
Extent of the change in the wiring position (1) 	The wiring position can be exchanged freely within the connector.
Extent of the change in the wiring position (2) 	The wiring position can be exchanged according to the following combinations only: Between A and B, between C and D, between E and F.
Extent of the change in the wiring position (3) 	The wiring position can be exchanged according to the following combinations only: Between A, C and E, between B, D and F.

Abbreviations

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

CCT	Circuit
CIGAR	Cigarette
CIS	Continuous Fuel Injection System
CKP	Crankshaft Position Sensor
CLS	Closed Loop System
CMP	Camshaft Position Sensor
COMBI	Combination
CON	Conditioner
CONT	Control
CPU	Central Processing Unit
CSD	Cold Start Device
CTP	Closed Throttle Position
DEF	Defroster
DI	Distributor Ignition
DLC	Data Link Connector
DLI	Distributorless Ignition
DOHC	Double-Overhead Camshaft
DTC	Diagnostic Trouble Code(s)
DTM	Diagnostic Test Mode
ECM	Engine Control Module
ECPS	Electronically Controlled Power Steering
ECT	Engine Control Temperature
EGR	Exhaust Gas Recirculation
EI	Electronic Ignition
ELEC	Electric
ELR	Emergency Locking Retractor
ETR	Electronic Tuner

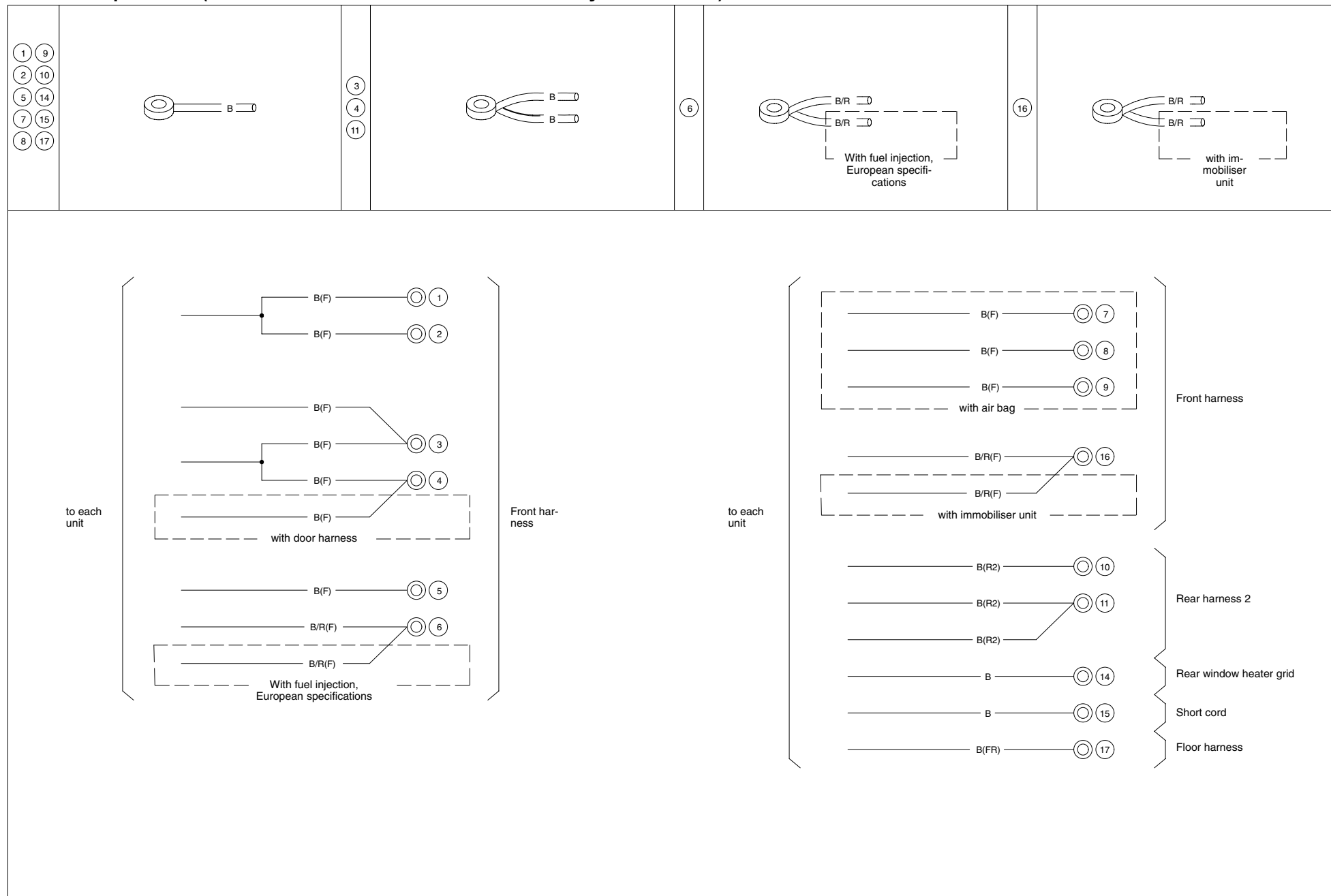
F	Front
F/I	Fuel Injector
FC	Fan Control
FICB	Fast-Idle Cam Breaker
FM	Frequency Modulation
FP	Fuel Pump
FPR	Fuel Pump Relay
GEN	Generator
GND	Ground
H/D	Heater/Defroster
HEAT	Heater
HEI	High-Energy Ignition
HI	High
HO2S	Heated Oxygen Sensor
IAC	Idle Air Control
IAT	Intake Air Temperature
ICM	Ignition 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

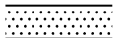
OBD	On-board Diagnostic
OFF	Switch Off
ON	Switch On
P	Power
P/S	Power Steering
PAIR	Pulsed Secondary Air Injection
PCM	Powertrain Control Module
PNP	Park/Neutral Position
PRCV	Pressure Regulator Control Solenoid Valve
PRG	Purge Solenoid Valve
PSP	Power Steering Pressure
PTC	Positive Temperature Coefficient Heater
QSS	Quick-Start System
R	Rear
REC	Recirculation
RF	Right Front
RFW	Remote Freewheel
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
TWS	Total Wiring System
V	Volt
VAF	Volume Air Flow Sensor
VENT	Ventilation
VOL	Volume
VR	Voltage regulator
VRIS	Variable Resonance Induction System
VSS	Vehicle Speed Sensor
W	Watt(s)
WOT	Wide Open Throttle

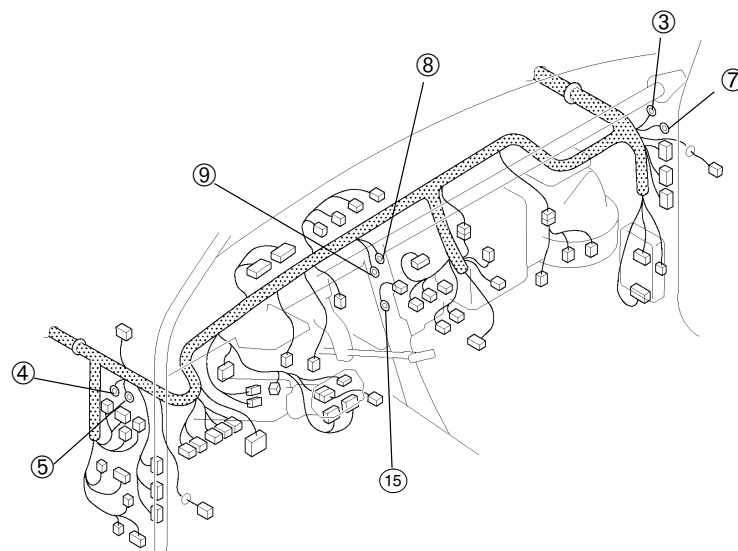
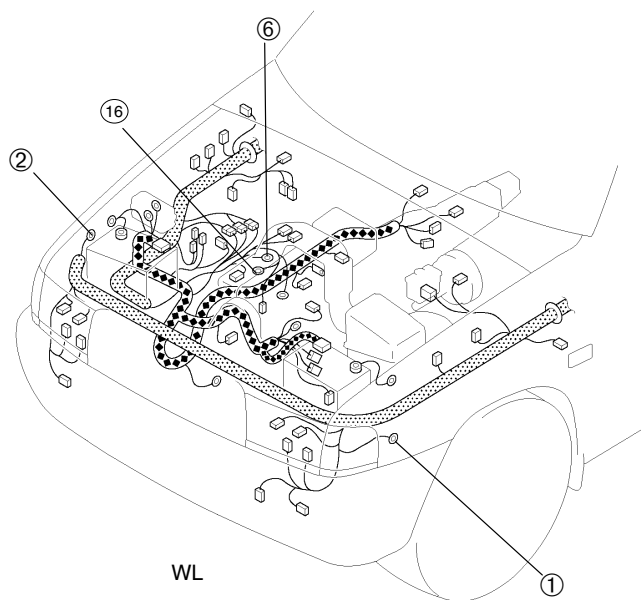
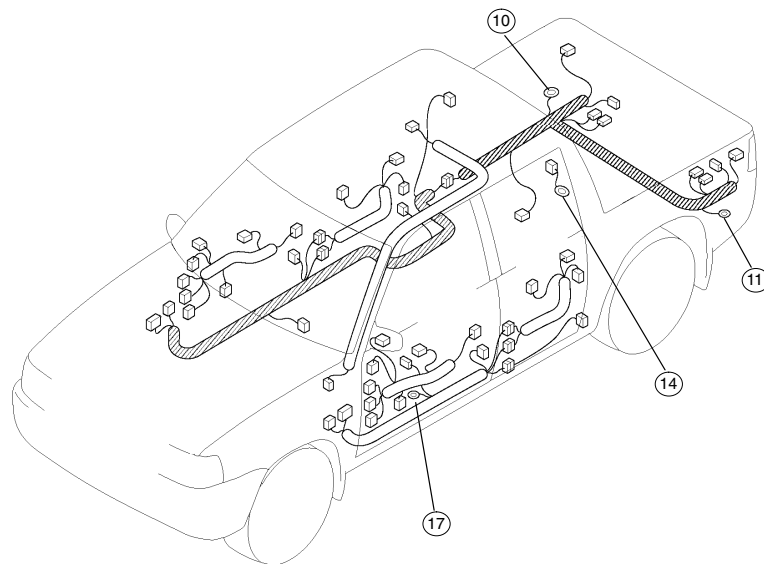
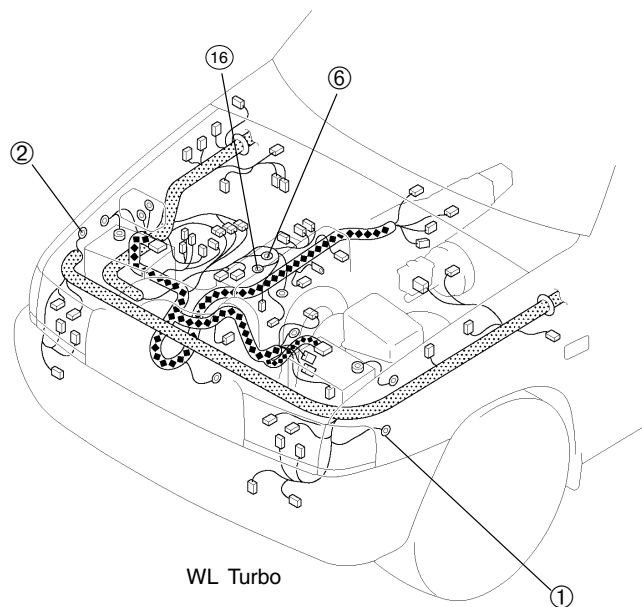
Ground points (WL, WL Turbo, before model year 2002)

Y-1

Wiring Diagram



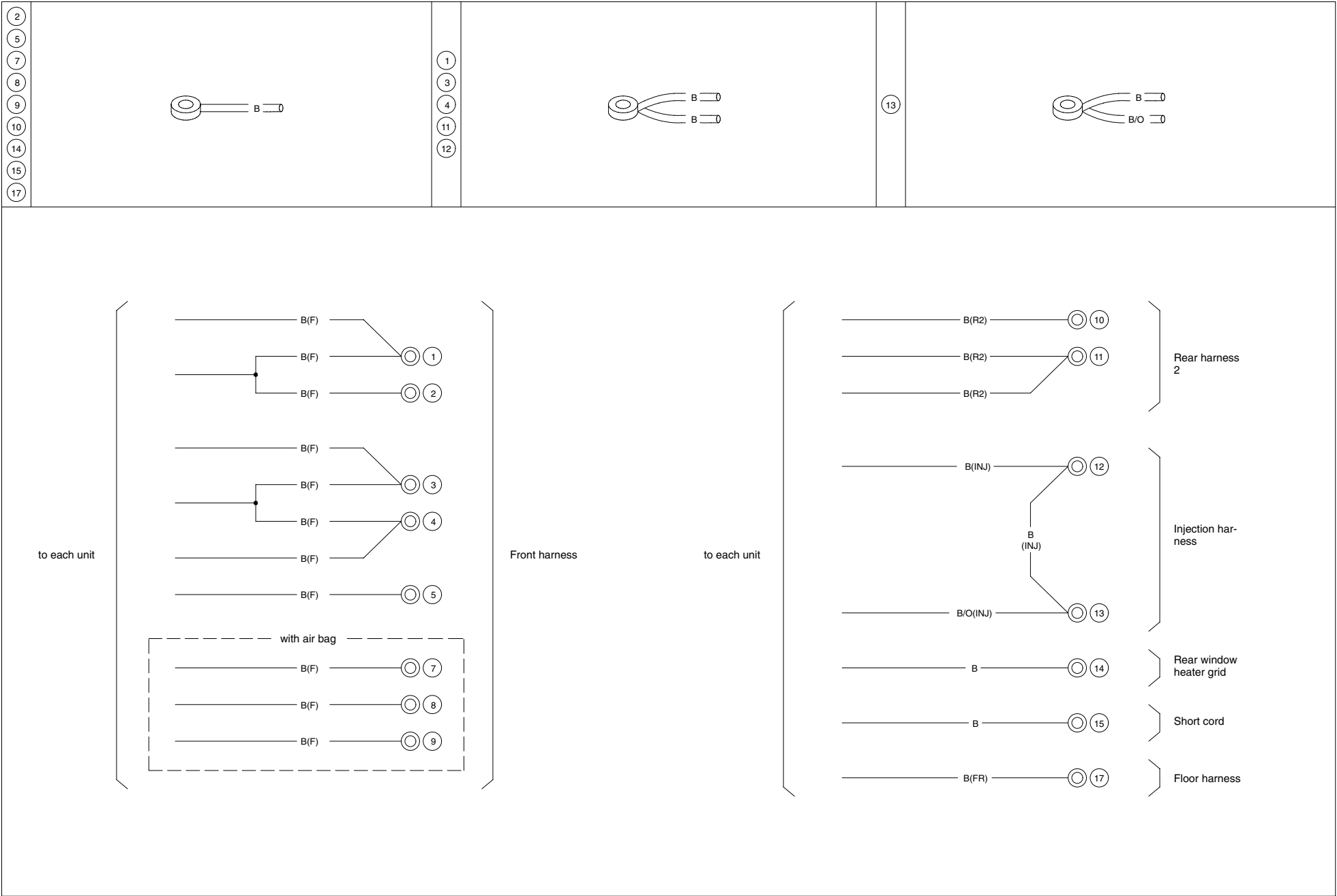
 (F)
  (E)
  (R)
 Harness symbol

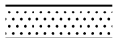


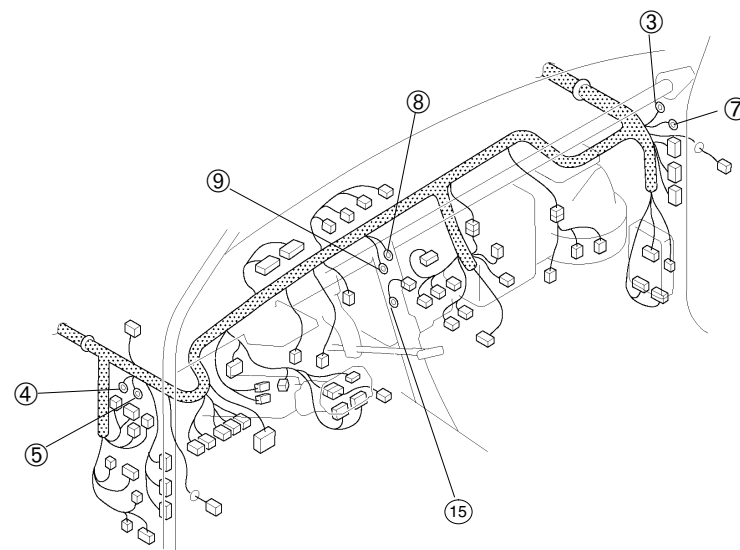
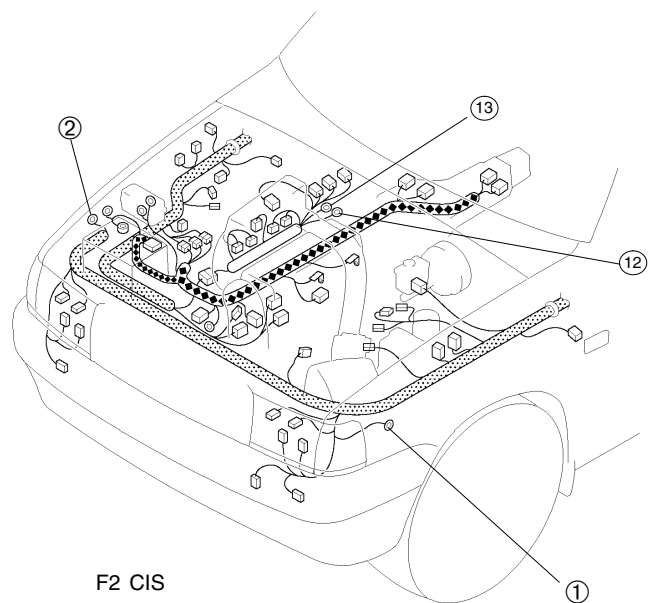
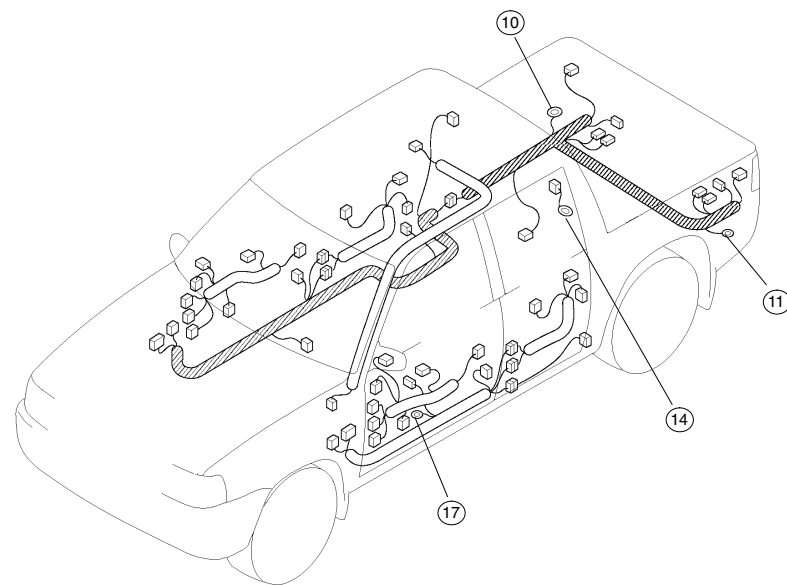
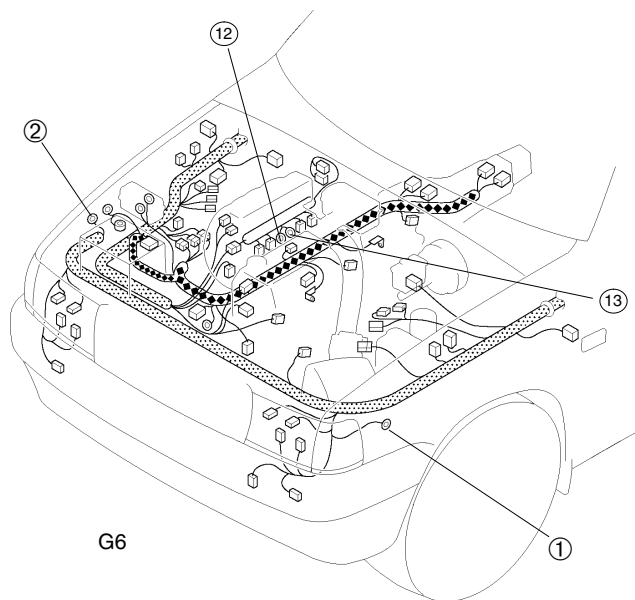
Ground points (F2 CIS, G6)

Y-2

Z Wiring Diagram



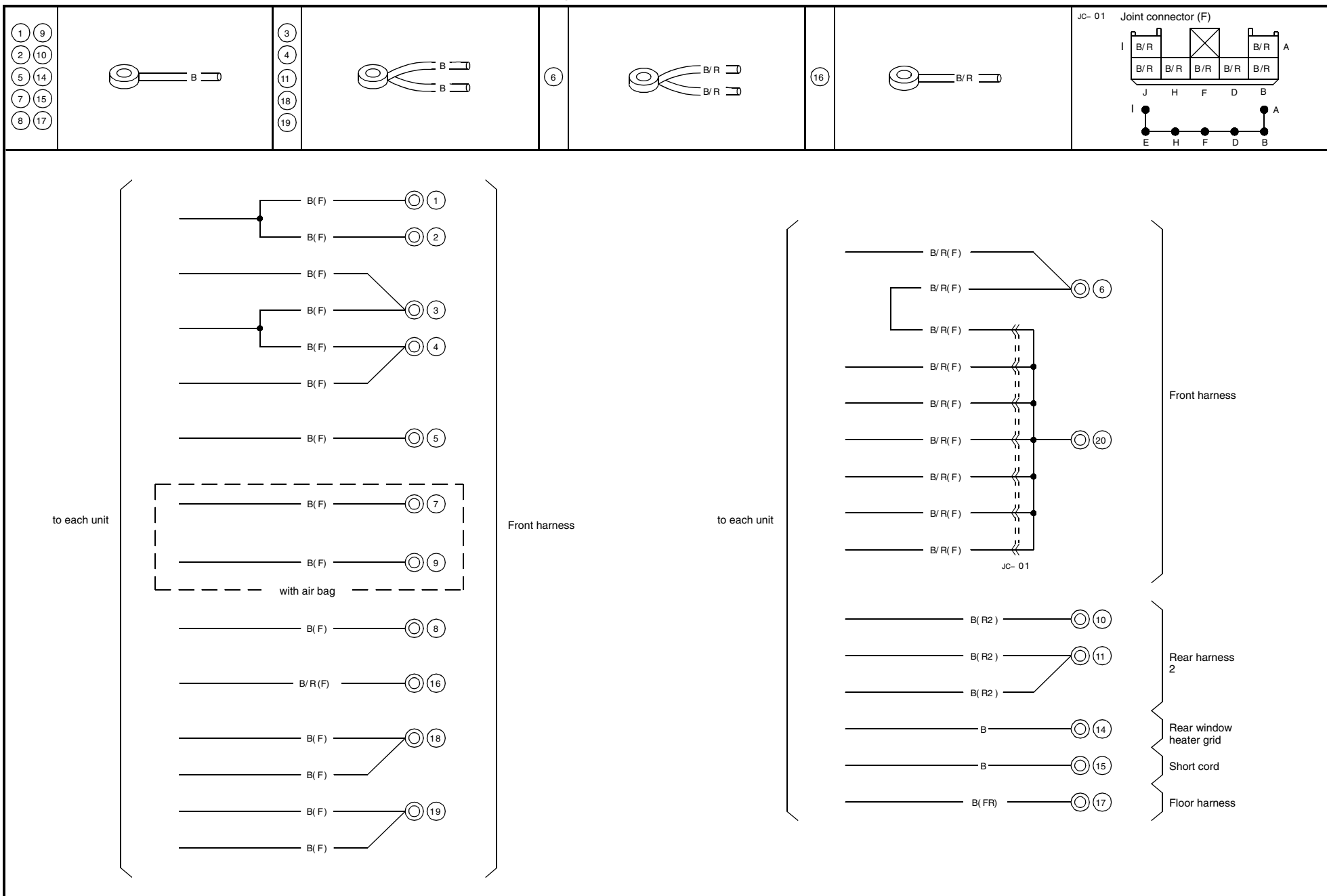
 (F)
  (E)
  (R)
 Harness symbol



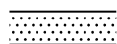
Ground points (WL-3, WLT-3, as of model year 2002)

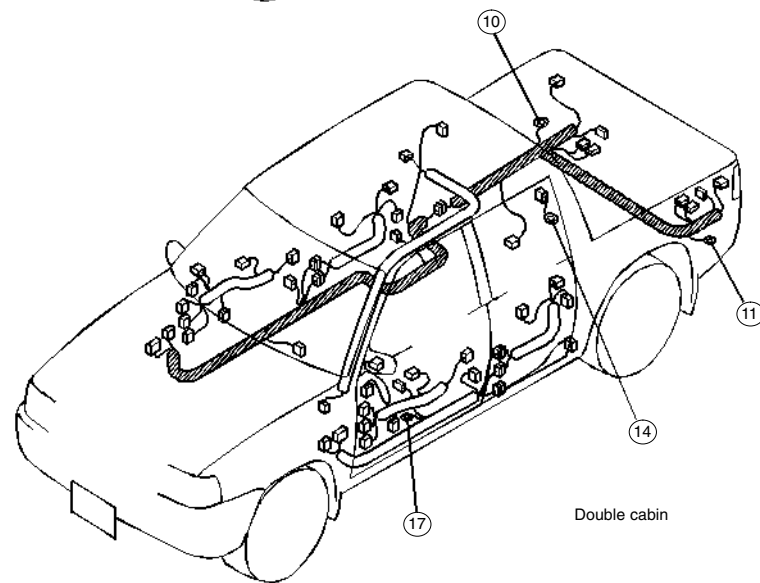
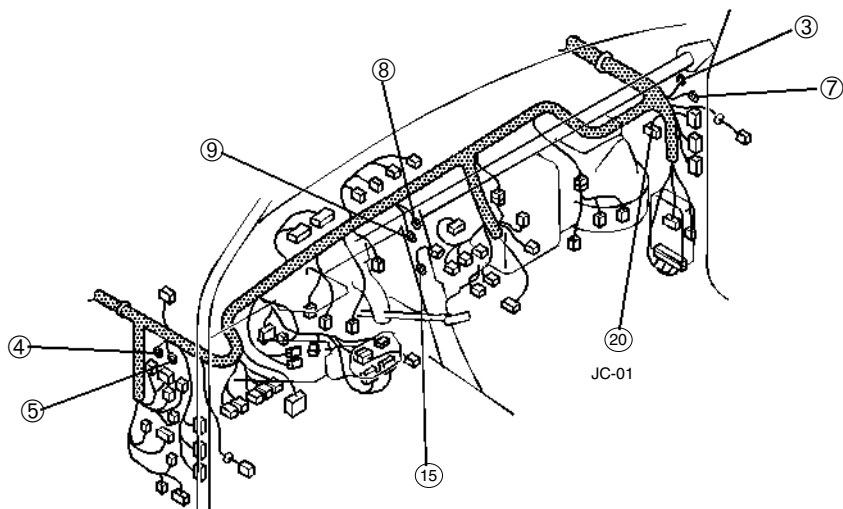
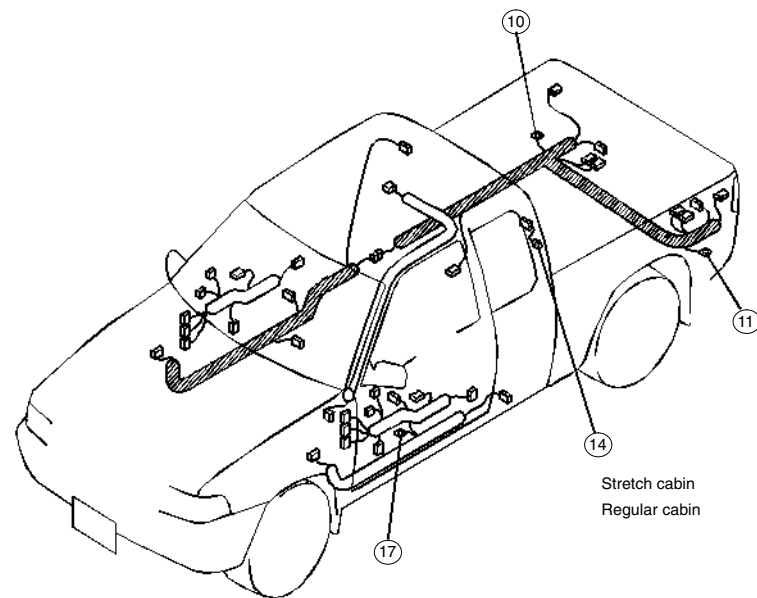
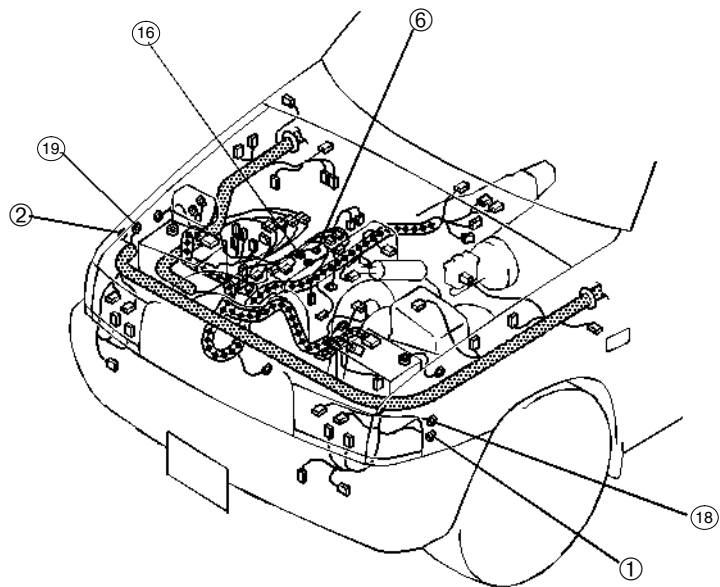
Y-3

Z Wiring Diagram



Z-16

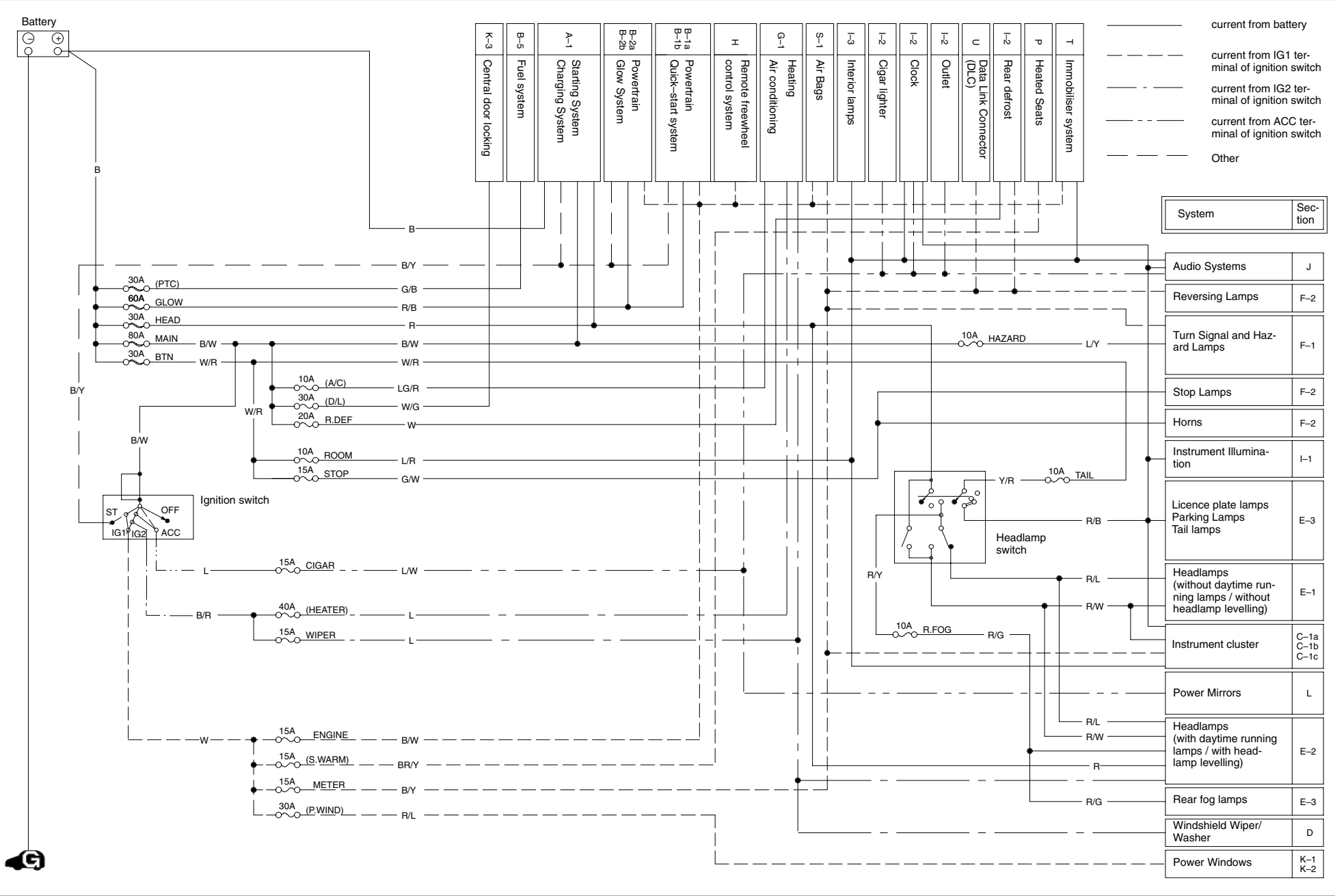
 (F)
  (E)
  (R)
 Harness symbol



Schematic (WL, WL Turbo, before model year 2002)

W-1

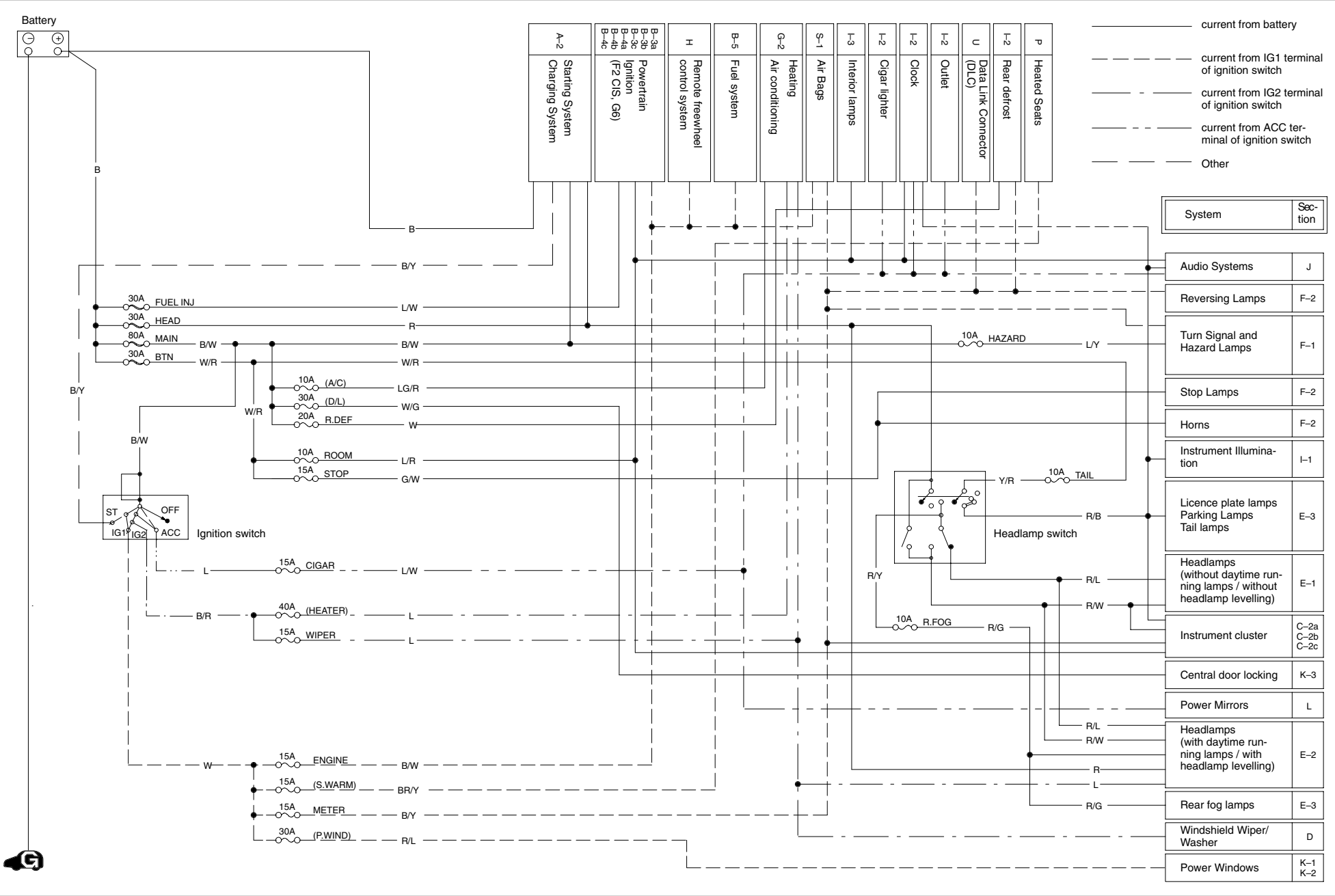
Wiring Diagram



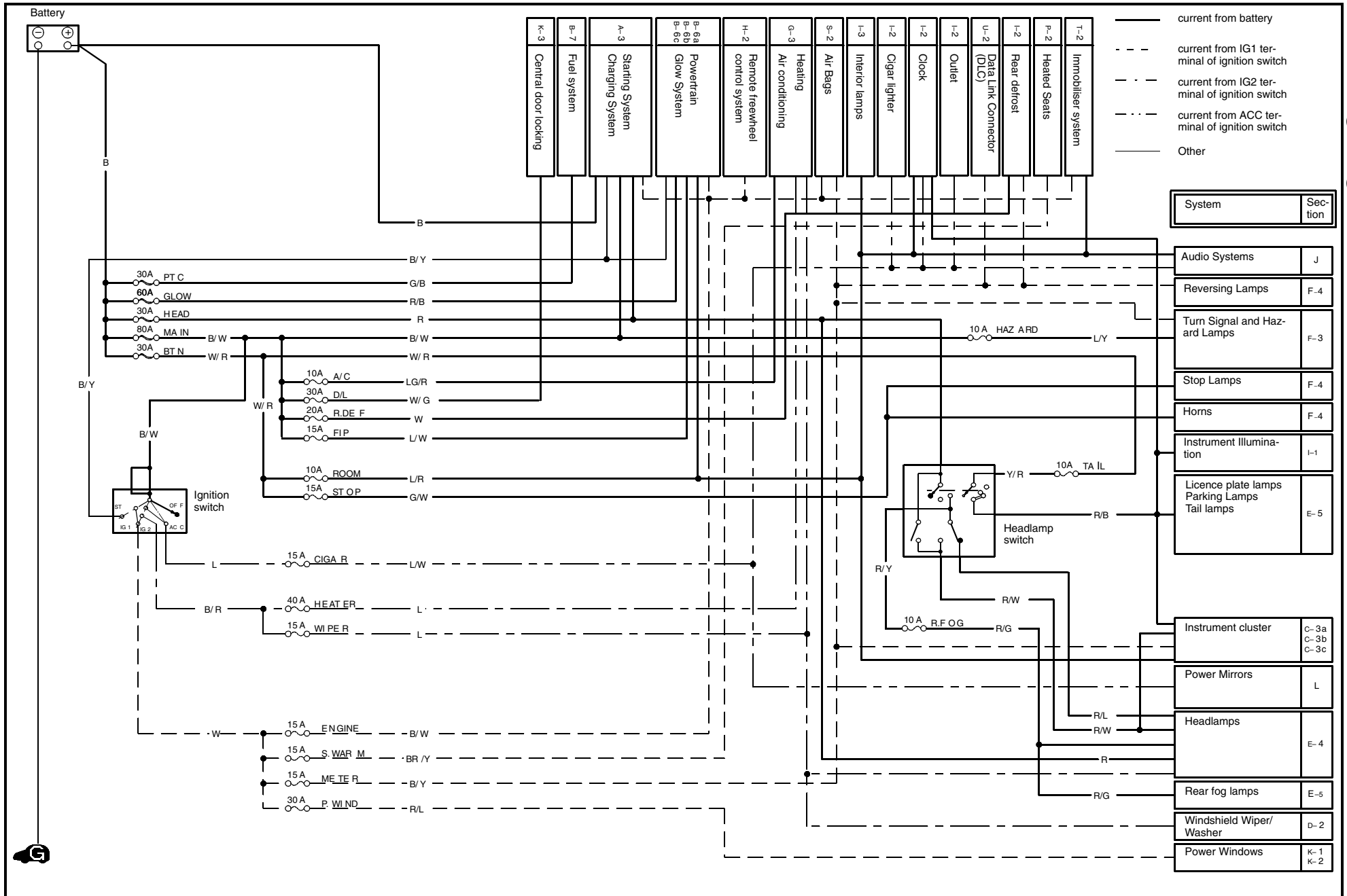
Schematic (F2 CIS, G6)

W-2

Wiring Diagram



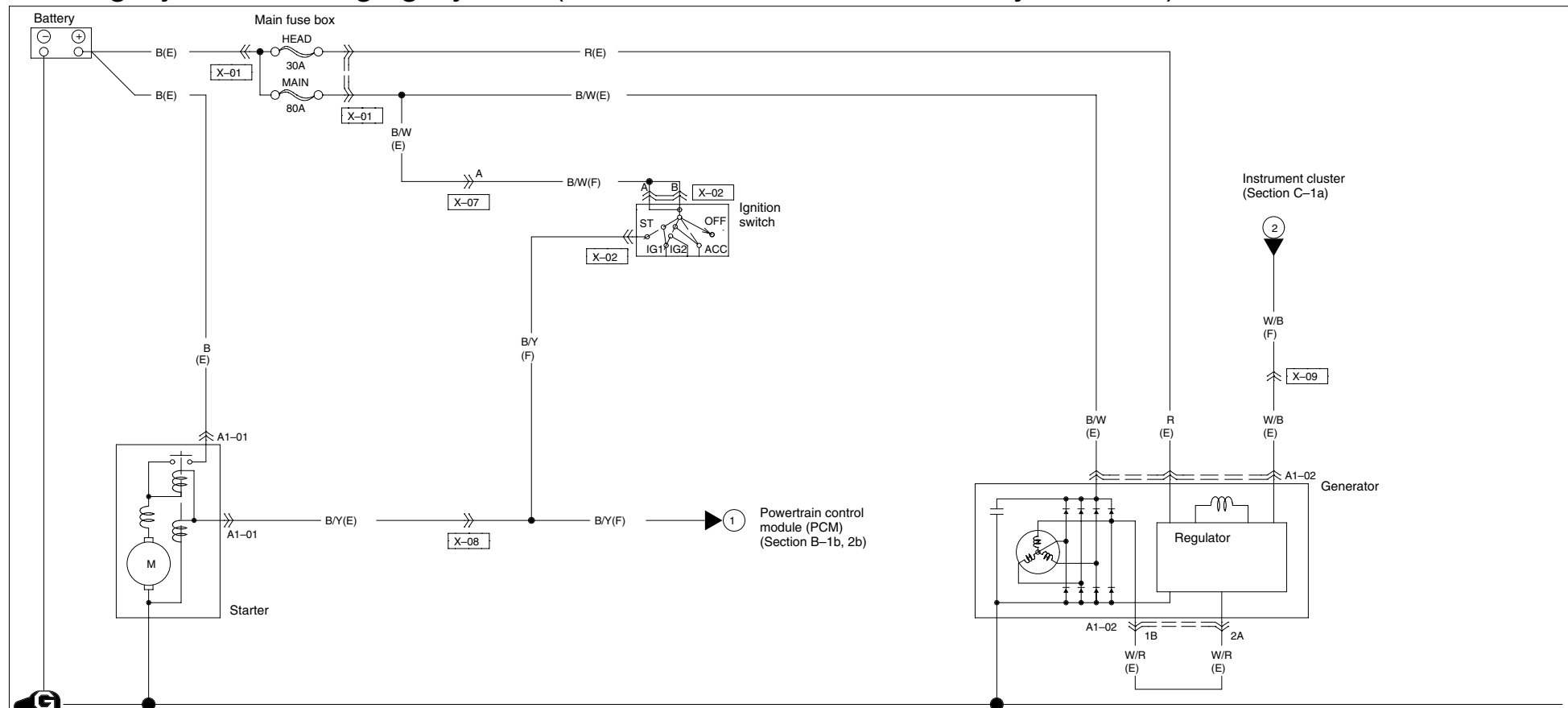
Z-20



Starting System / Charging System (WL, WL Turbo, before model year 2002)

A-1

Wiring Diagram



A1-01 Starter (E)

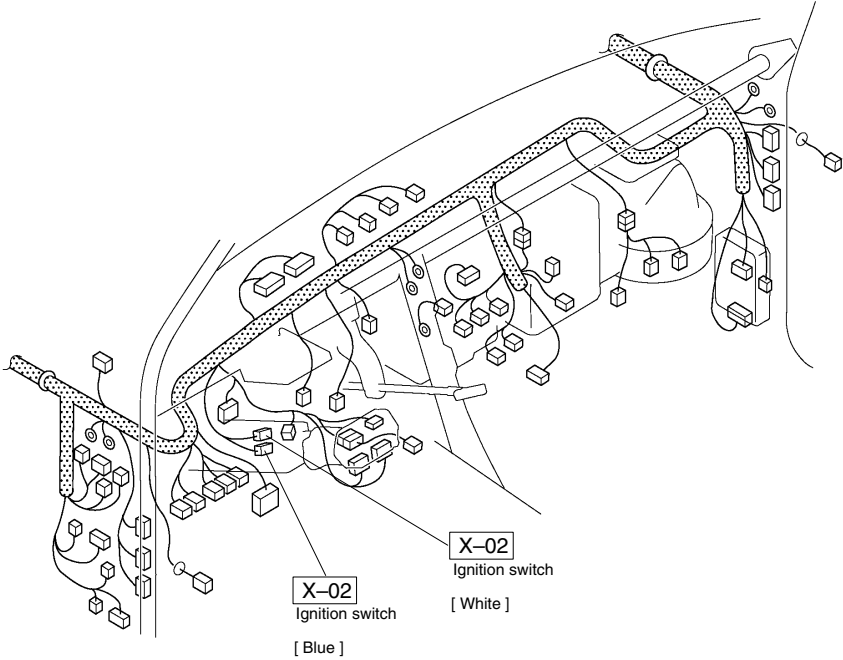
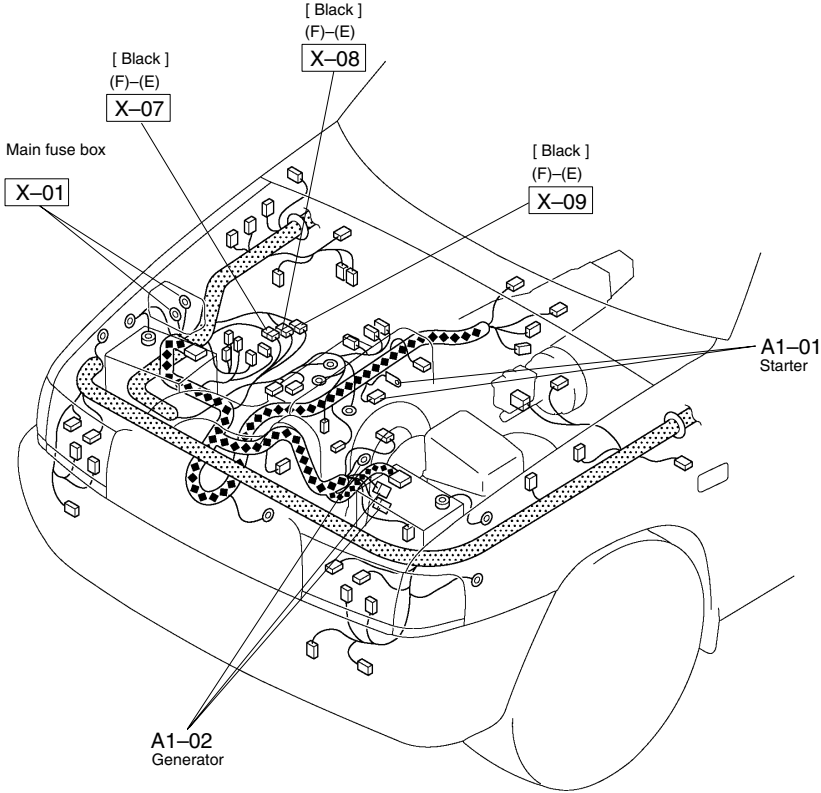


A1-02 Generator (E)



Z-21

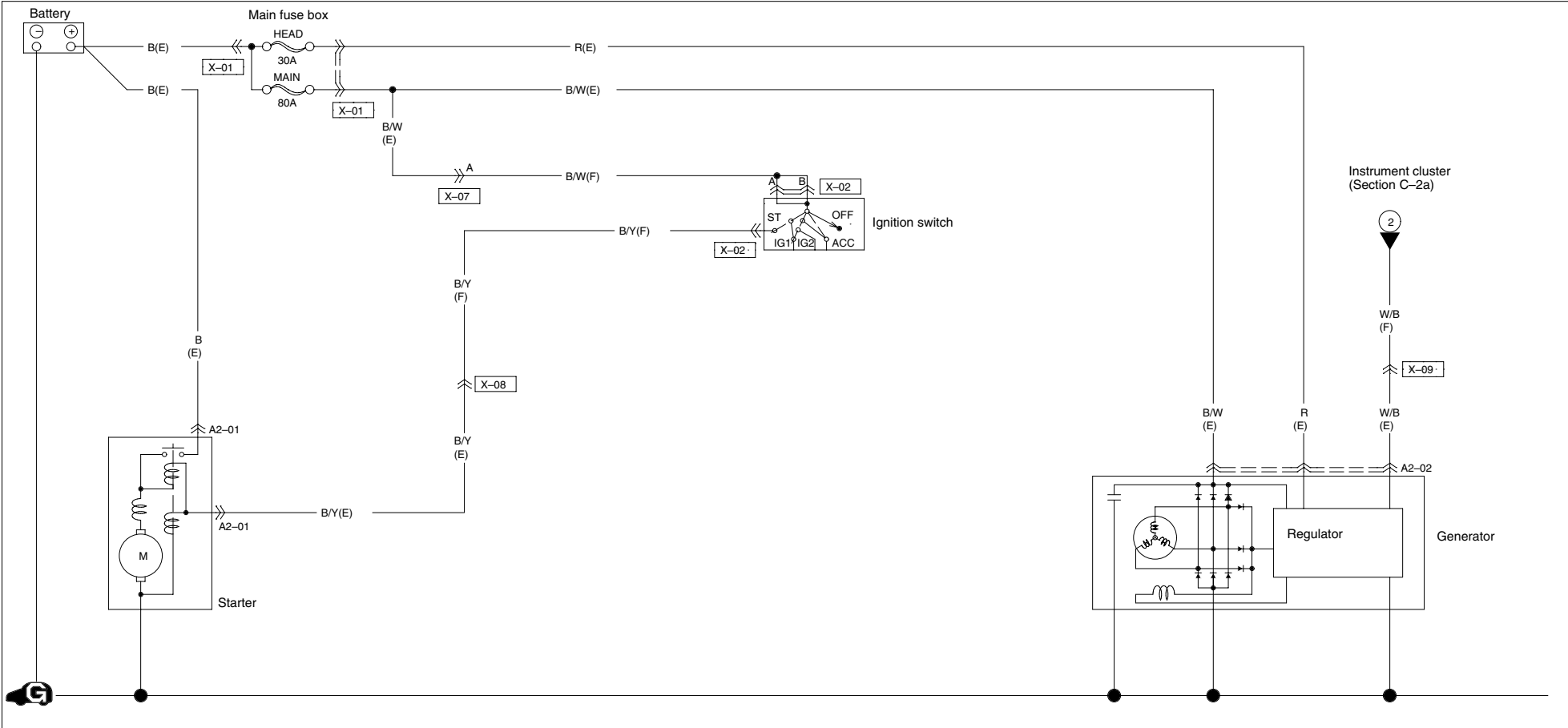
(F) (E) (R) Harness symbol



Starting System / Charging System (F2 CIS, G6)

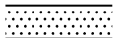
A-2

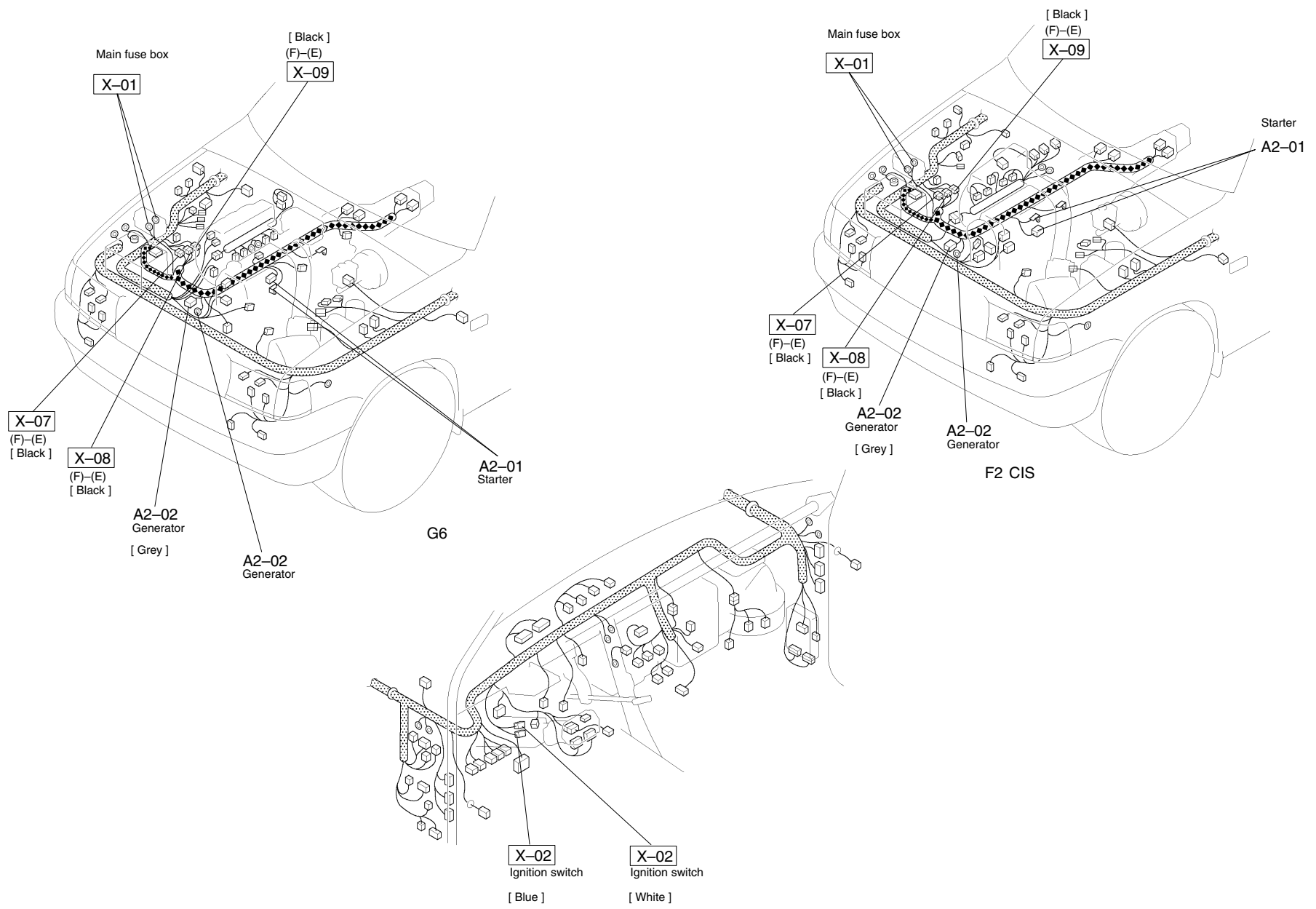
Z Wiring Diagram



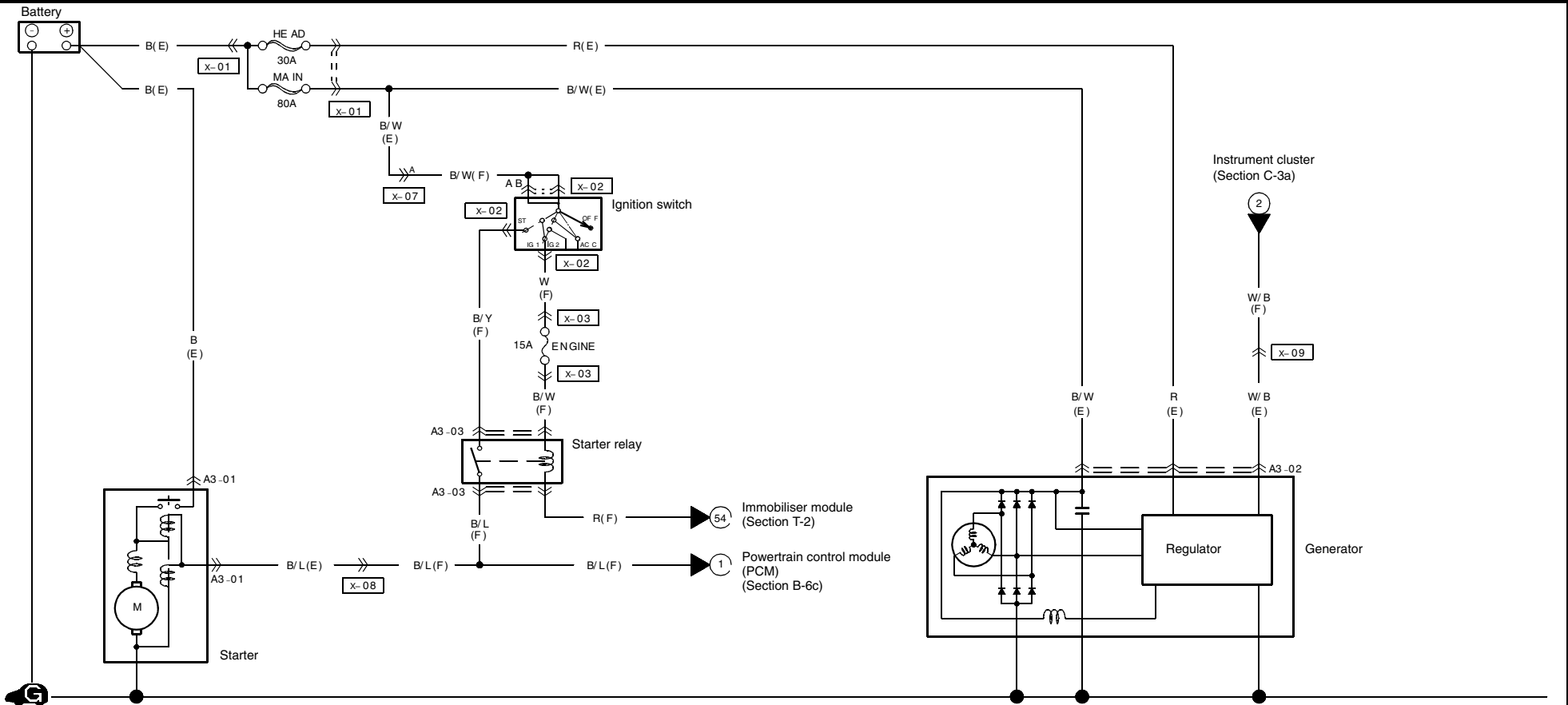
A2-01 Starter (E)		A2-02 Generator (E)				
B B/Y		B/W R W/B				

Z-23

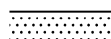
 (F)
  (E)
  (R)
 Harness symbol

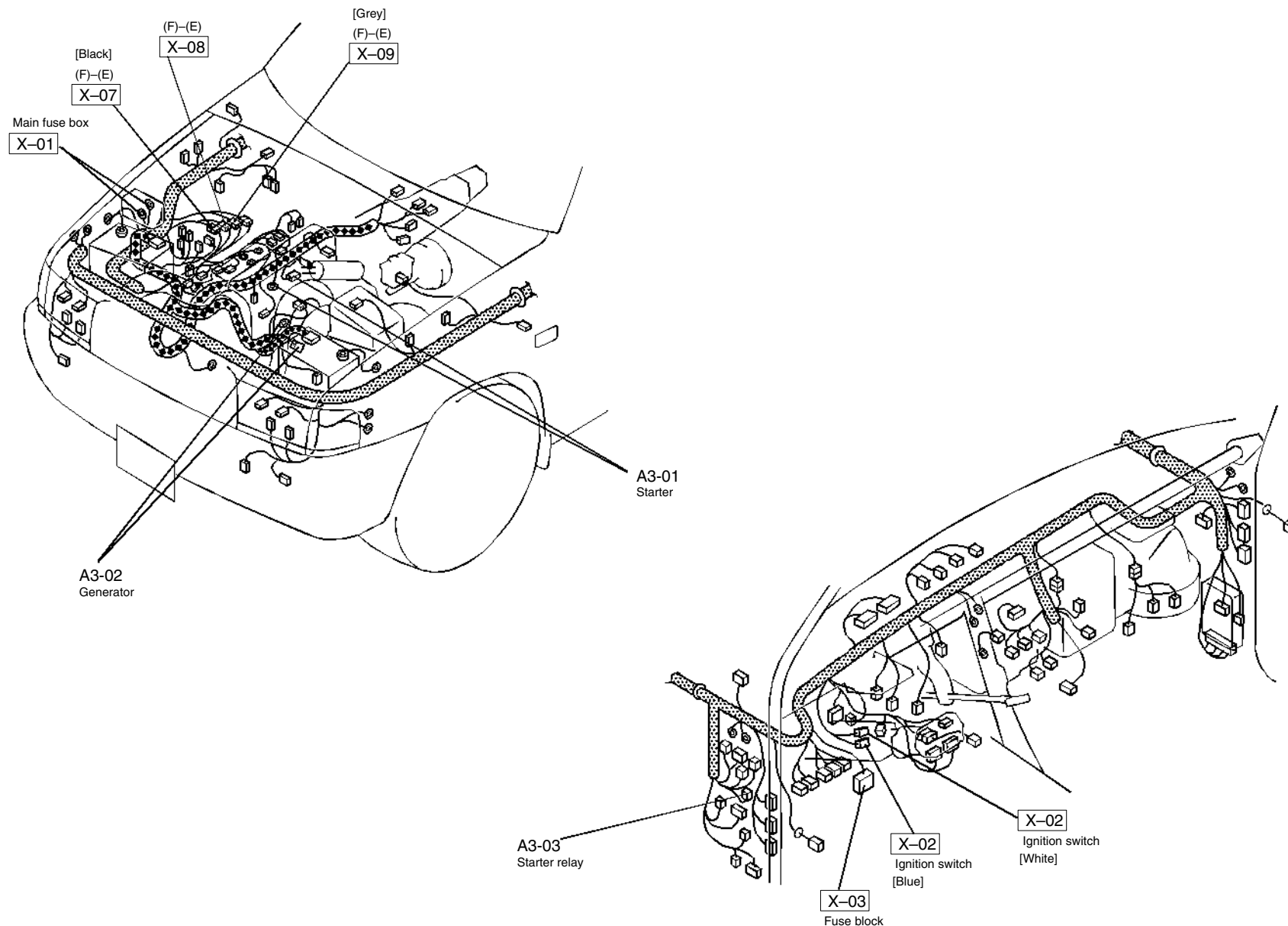


Starting System / Charging System (WL-3, WLT-3, as of model year 2002)



A3-01 Starter (E)		A3-02 Generator (E)		A3-03 Starter relay (F)			

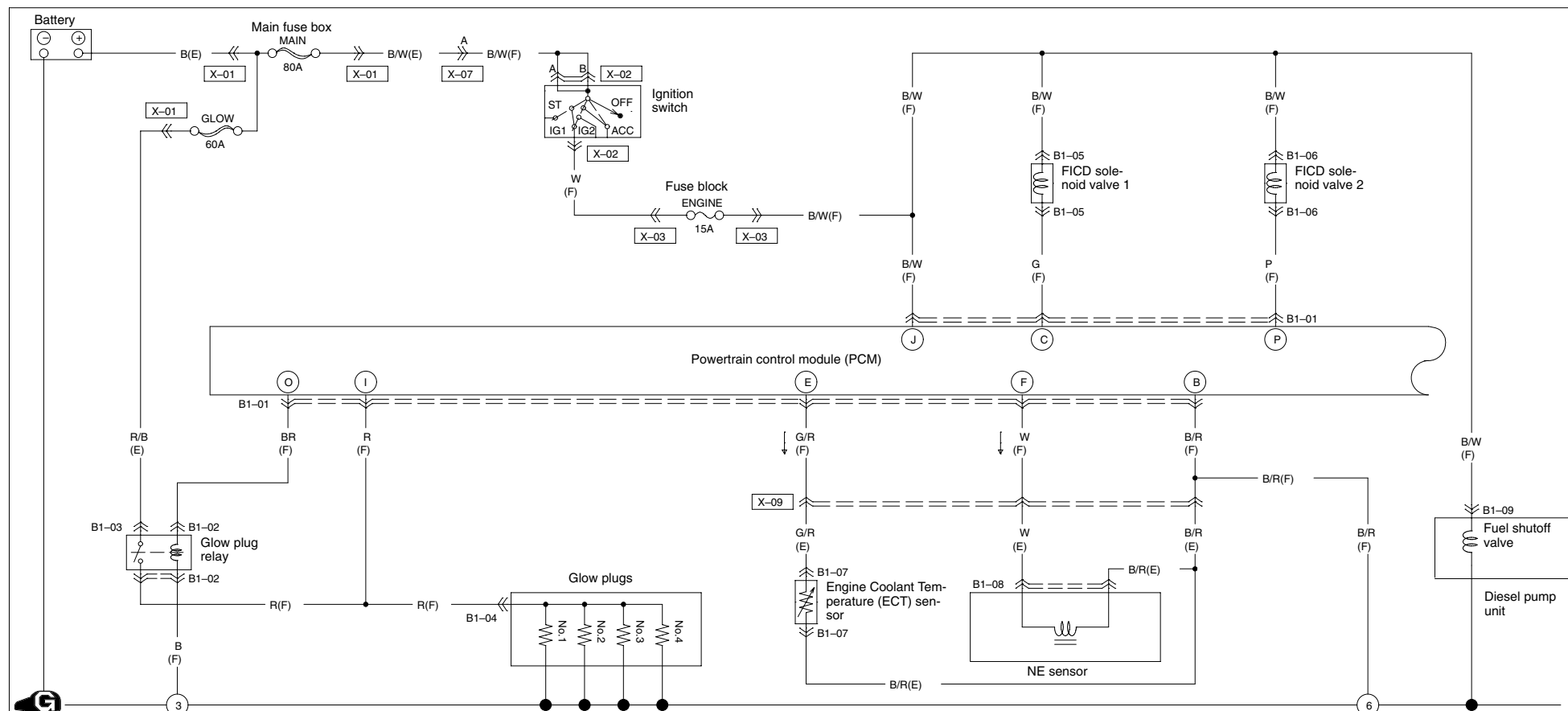
 (F)
  (E)
  (R)
 Harness symbol



Powertrain / Quick-start system (WL, WL Turbo: General specifications, before model year 2002)

B-1a

Wiring Diagram



B1-01 Powertrain control module (PCM) (F)

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

B1-02 Glow plug relay (F)



B1-03 Glow plug relay (E)



B1-04 Glow plugs (F)



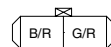
B1-05 FICD solenoid valve 1 (F)



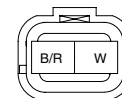
B1-06 FICD solenoid valve 2 (F)



B1-07 Engine Coolant Temperature (ECT) sensor (E)



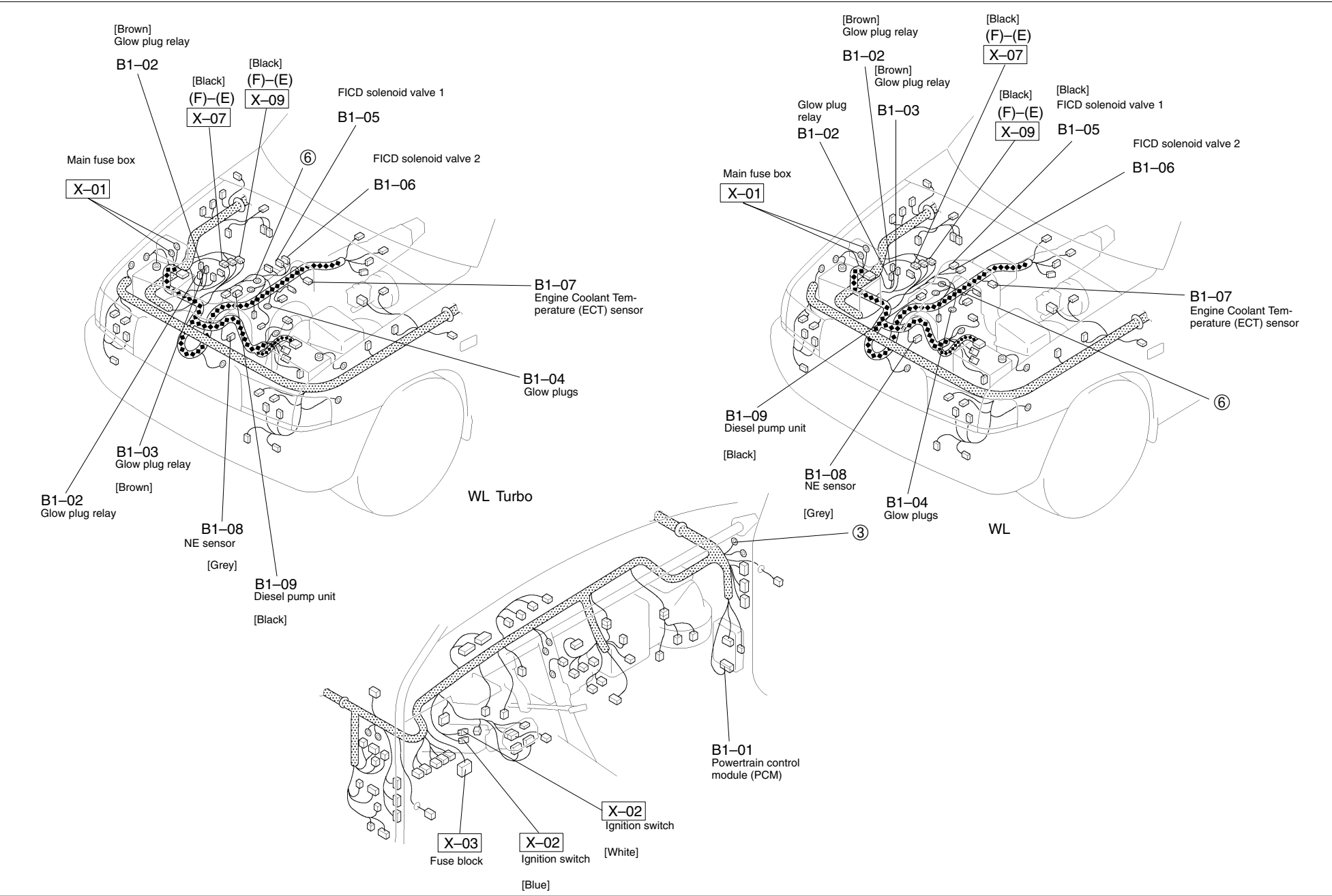
B1-08 NE sensor (E)

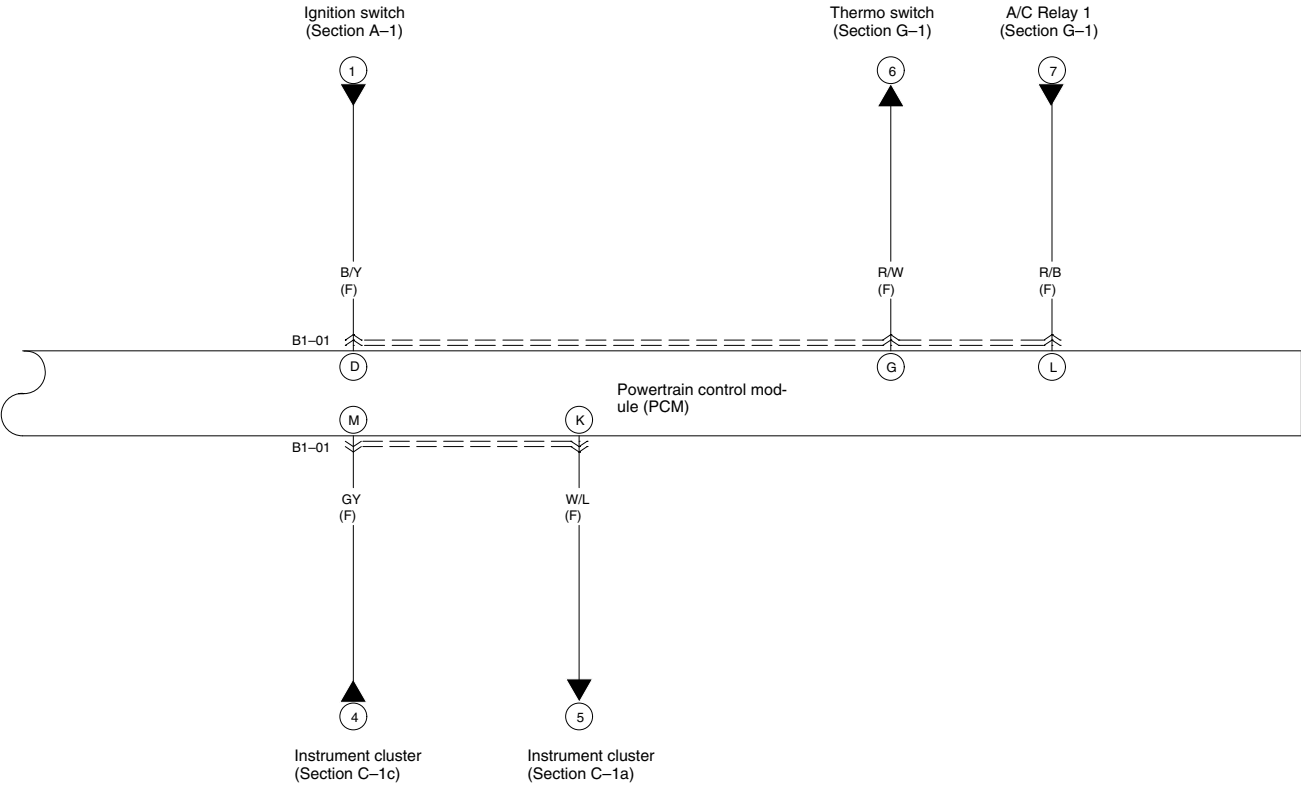


B1-09 Diesel pump unit (F)

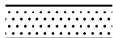


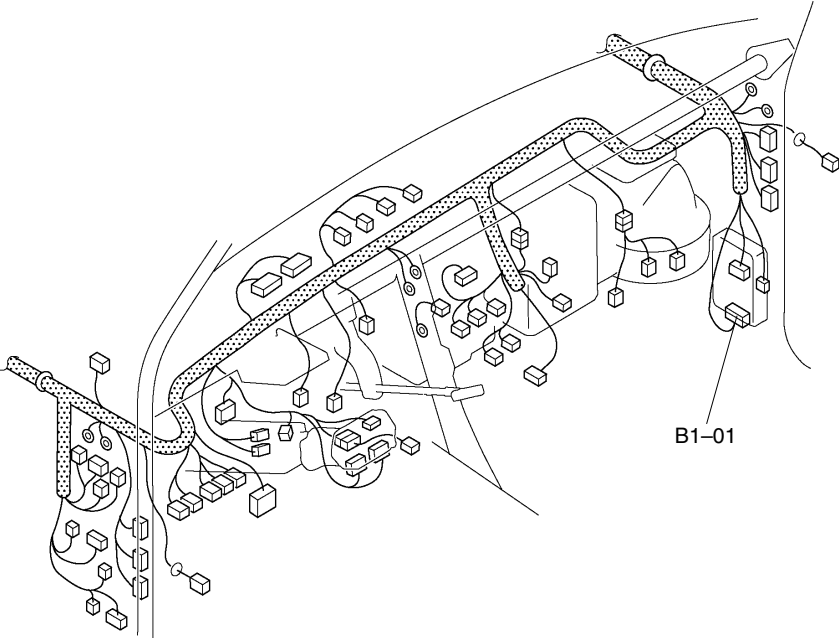
(F) (E) (R) Harness symbol





B1-01 Powertrain control module (PCM) (F)	<table><tr><td></td><td>O</td><td>M</td><td>K</td><td colspan="2"> I G </td><td>E</td><td>C</td><td>A</td><td></td></tr><tr><td>BR</td><td>GY</td><td>W/L</td><td>R</td><td>R/W</td><td>G/R</td><td>G</td><td>*</td><td></td><td></td></tr><tr><td>P</td><td>*</td><td>R/B</td><td>B/W</td><td>*</td><td>W</td><td>B/Y</td><td>B/R</td><td></td><td></td></tr><tr><td>P</td><td>N</td><td>L</td><td>J</td><td>H</td><td>F</td><td>D</td><td>B</td><td></td><td></td></tr></table>																O	M	K	I G		E	C	A		BR	GY	W/L	R	R/W	G/R	G	*			P	*	R/B	B/W	*	W	B/Y	B/R			P	N	L	J	H	F	D	B								
		O	M	K	I G		E	C	A																																																				
	BR	GY	W/L	R	R/W	G/R	G	*																																																					
	P	*	R/B	B/W	*	W	B/Y	B/R																																																					
P	N	L	J	H	F	D	B																																																						

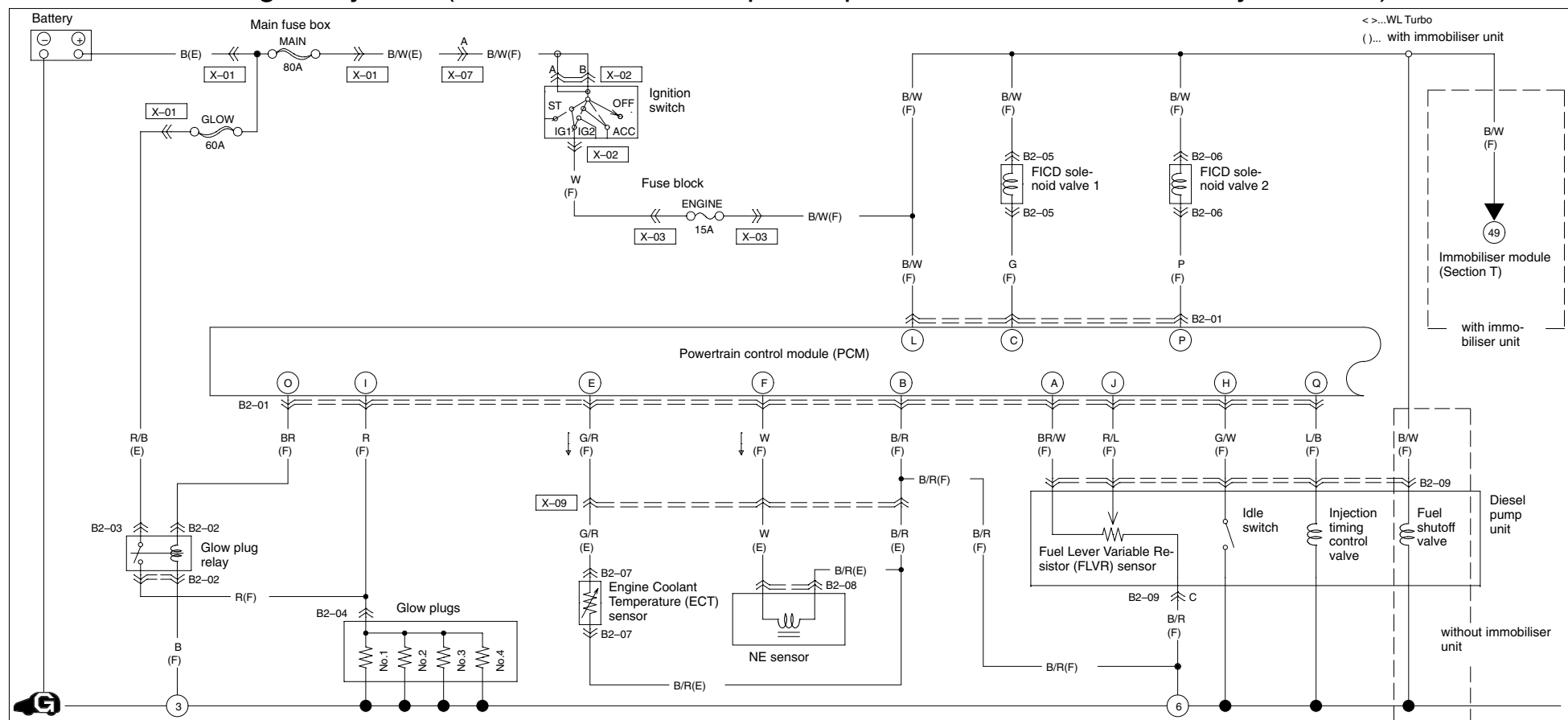
 (F)  (E)  (R) Harness symbol



Powertrain / Pre-glow system (WL, WL Turbo: European specifications, before model year 2002)

B-2a

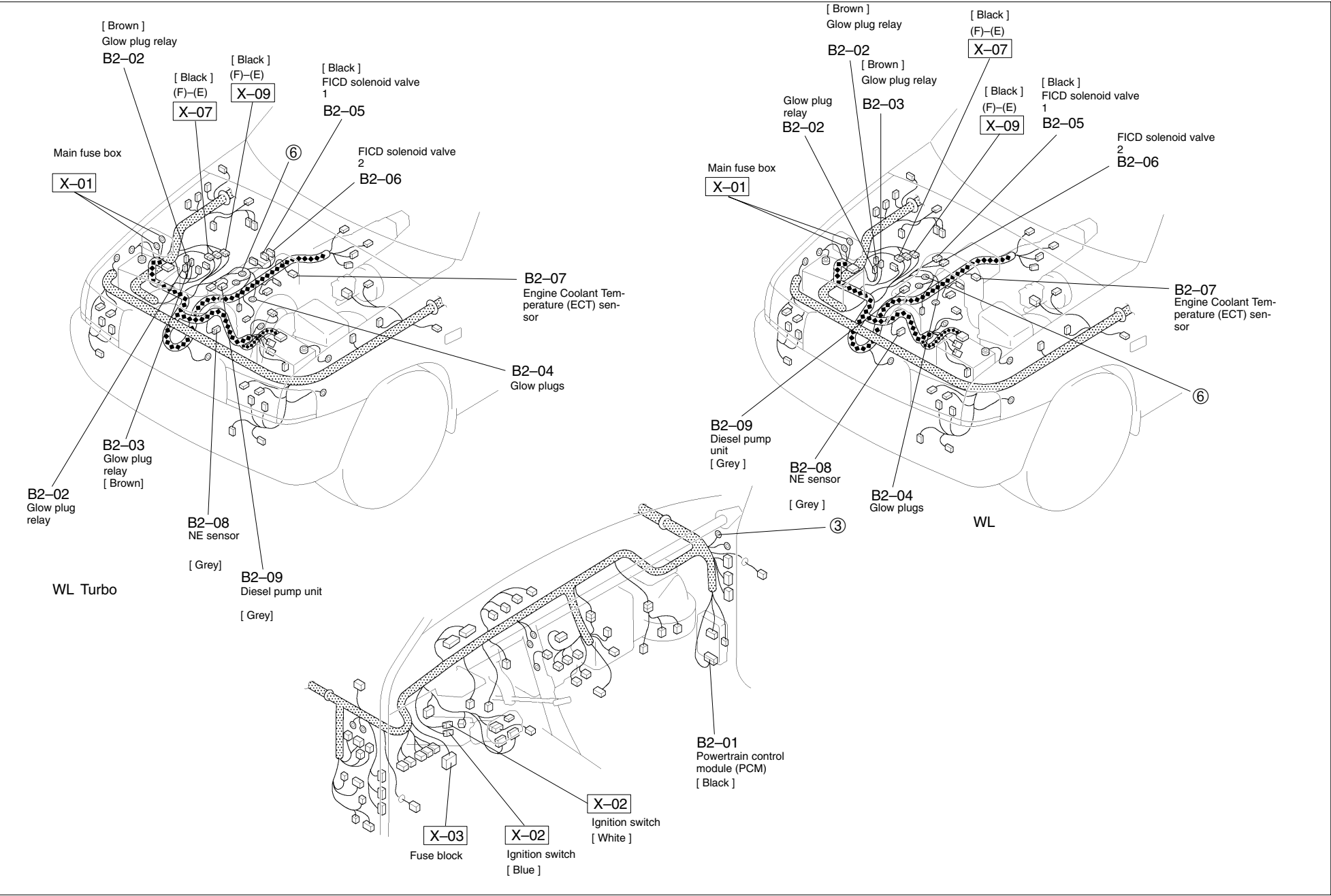
Wiring Diagram

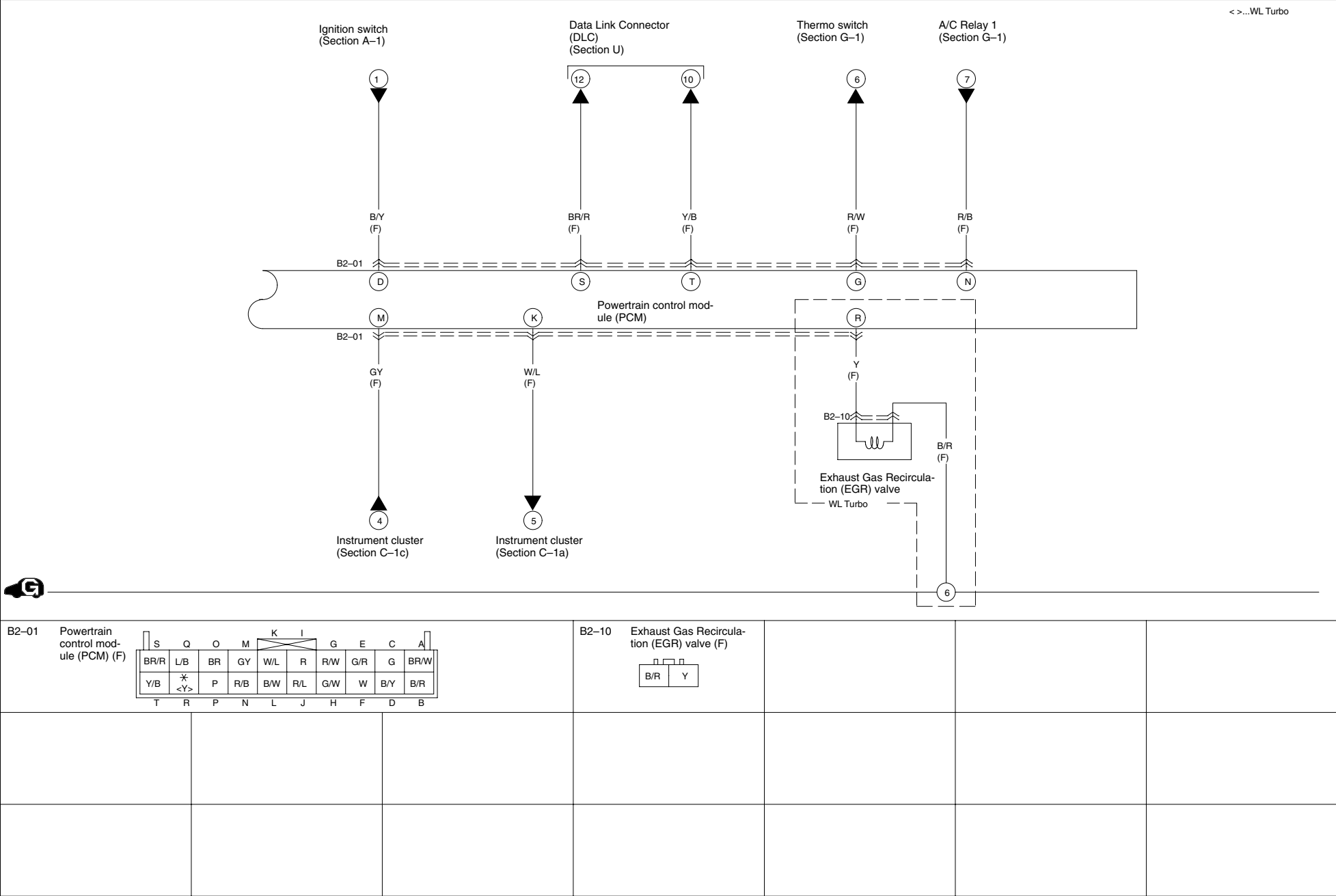


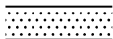
B2-01	Powertrain control module (PCM) (F)	<table><tr><td>S</td><td>Q</td><td>O</td><td>M</td><td>K</td><td>I</td><td>G</td><td>E</td><td>C</td><td>A</td></tr><tr><td>BR/R</td><td>L/B</td><td>BR</td><td>GY</td><td>W/L</td><td>R</td><td>R/W</td><td>G/R</td><td>G</td><td>BR/W</td></tr><tr><td>Y/B</td><td>* <Y></td><td>P</td><td>R/B</td><td>B/W</td><td>R/L</td><td>G/W</td><td>W</td><td>B/Y</td><td>B/R</td></tr><tr><td>T</td><td>R</td><td>P</td><td>N</td><td>L</td><td>J</td><td>H</td><td>F</td><td>D</td><td>B</td></tr></table>	S	Q	O	M	K	I	G	E	C	A	BR/R	L/B	BR	GY	W/L	R	R/W	G/R	G	BR/W	Y/B	* <Y>	P	R/B	B/W	R/L	G/W	W	B/Y	B/R	T	R	P	N	L	J	H	F	D	B	B2-02	Glow plug relay (F)		B2-03	Glow plug relay (E)		B2-04	Glow plugs (F)		B2-05	FICD solenoid valve 1 (F)	
S	Q	O	M	K	I	G	E	C	A																																													
BR/R	L/B	BR	GY	W/L	R	R/W	G/R	G	BR/W																																													
Y/B	* <Y>	P	R/B	B/W	R/L	G/W	W	B/Y	B/R																																													
T	R	P	N	L	J	H	F	D	B																																													
B2-06	FICD solenoid valve 2 (F)		B2-07	Engine Coolant Temperature (ECT) sensor (E)		B2-08	NE sensor (E)		B2-09	Diesel pump unit (F)																																												

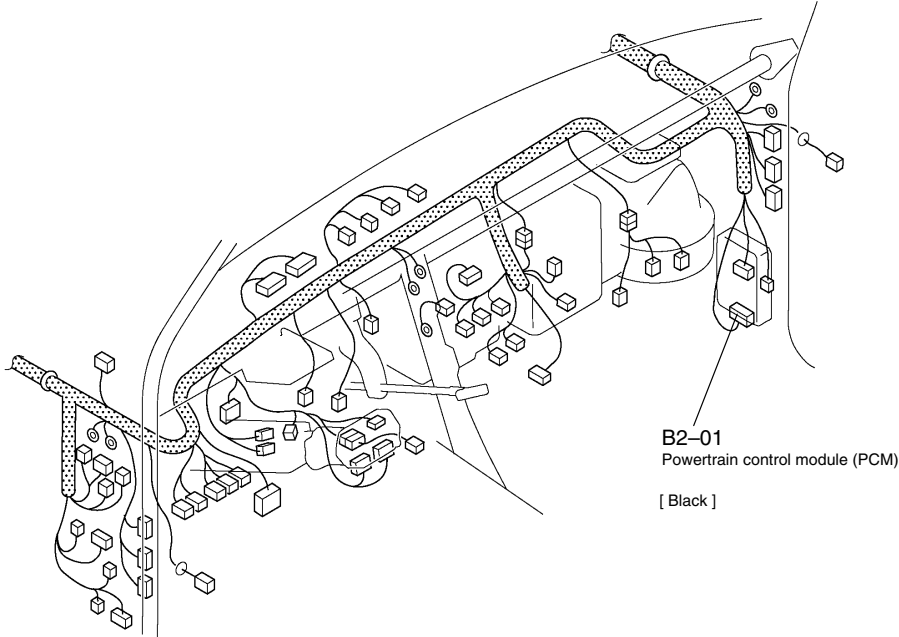
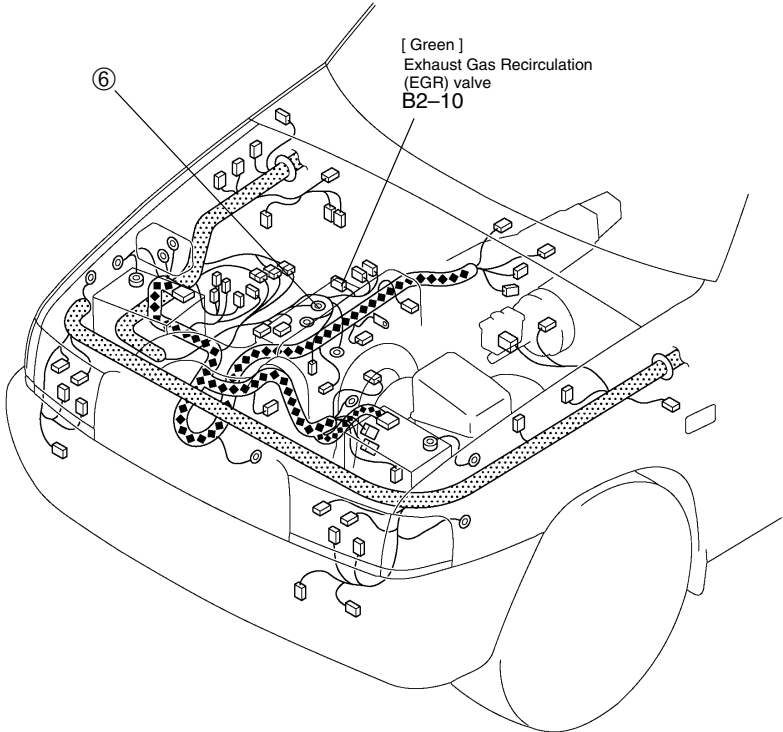
Z-31

(F) (E) (R) Harness symbol





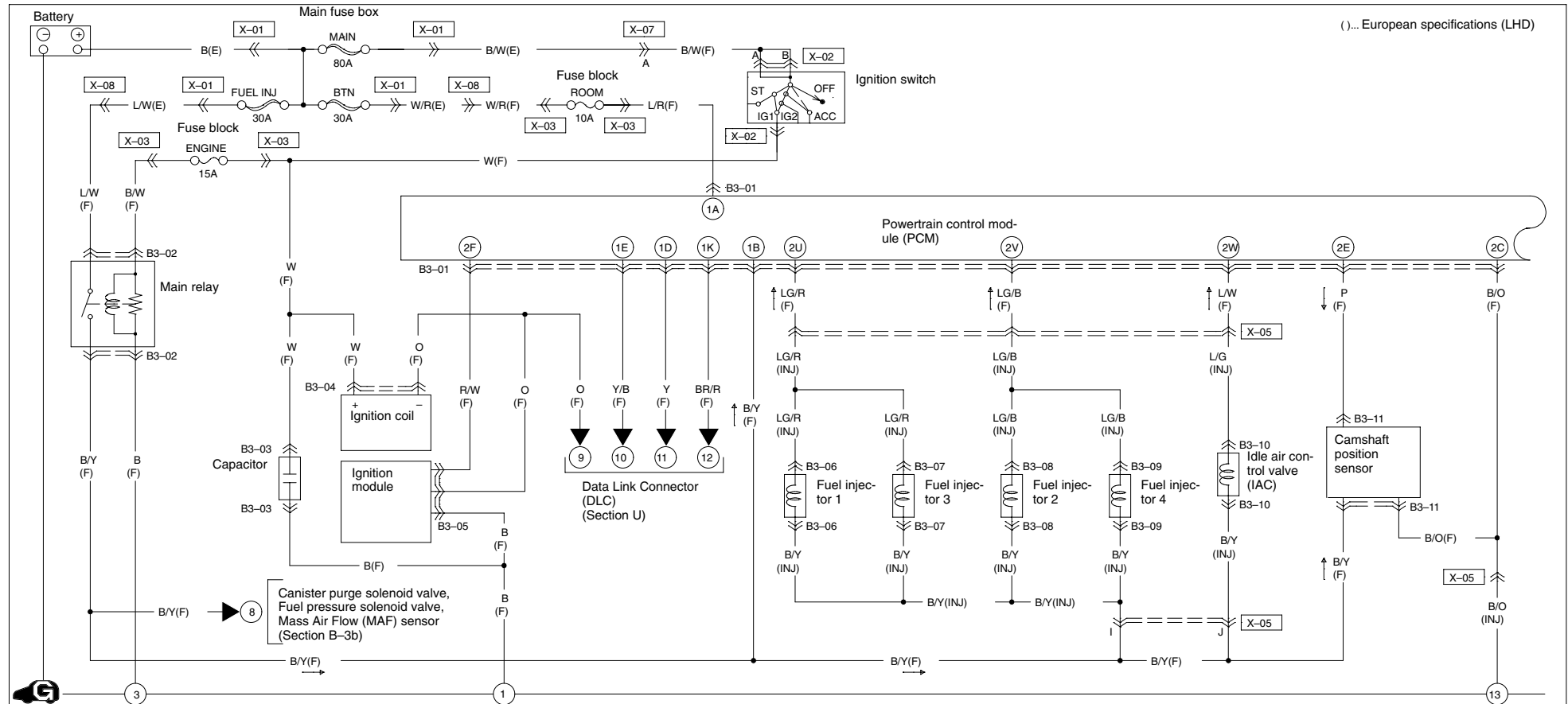
 (F)  (E)  (R) **Harness symbol**



Powertrain (G6) / Ignition (G6)

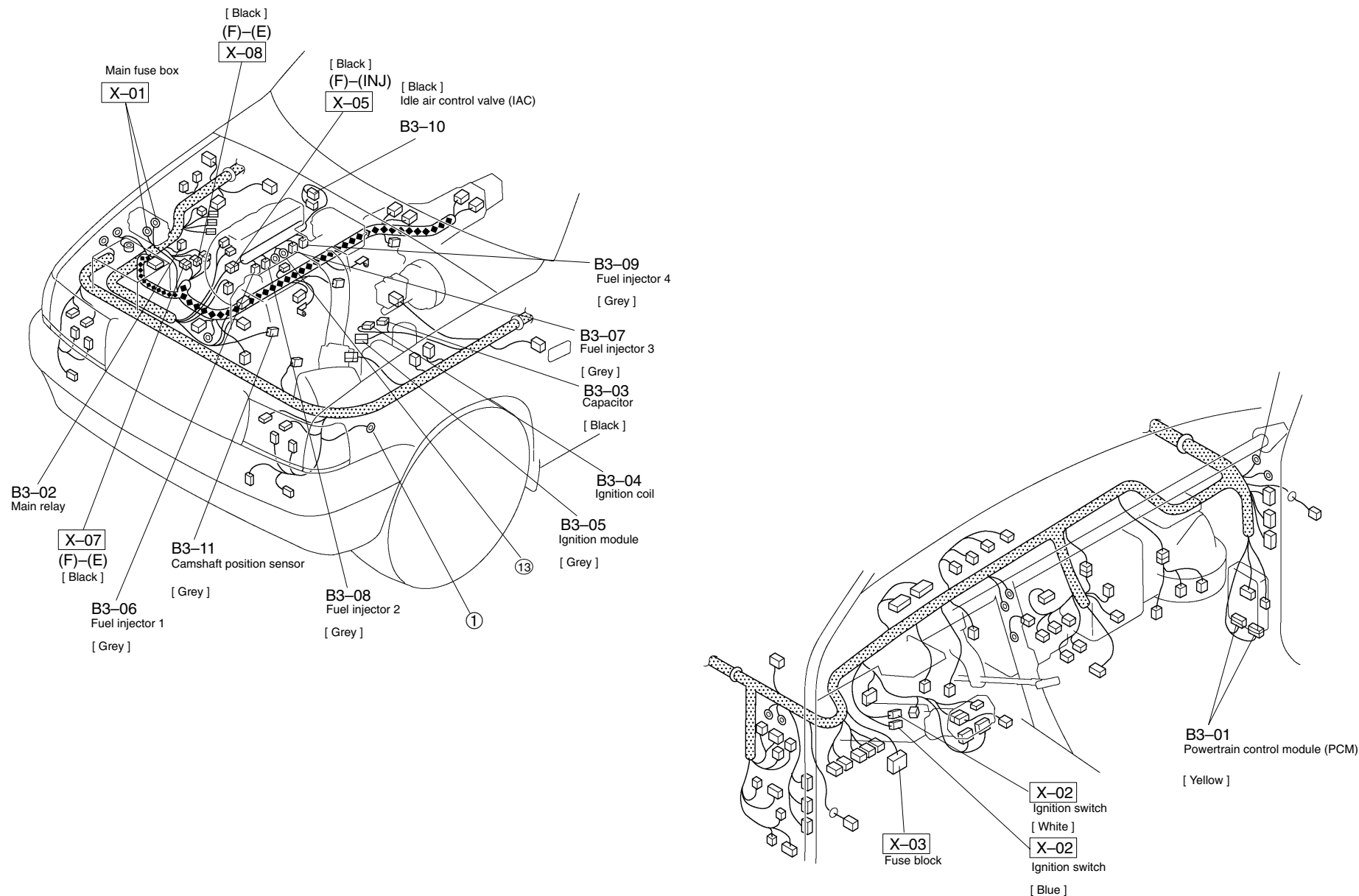
B-3a

Wiring Diagram



B3-01 Powertrain control module (PCM) (F)				B3-02 Main relay (F)	B3-03 Capacitor (F)																																																																																																
<table><tr><td>1U</td><td>1S</td><td>1Q</td><td>1O</td><td>1M</td><td>1K</td><td>1I</td><td>1G</td><td>1E</td><td>1C</td><td>1A</td></tr><tr><td>*</td><td>*</td><td>R/G</td><td>W/G</td><td>G/R</td><td>BR/R</td><td>*</td><td>*</td><td>Y/B</td><td>*</td><td>L/R</td></tr><tr><td>G/B</td><td>*</td><td>*</td><td>BR</td><td>V</td><td>*(B)</td><td>R/B</td><td>L/O</td><td>*</td><td>Y</td><td>B/Y</td></tr><tr><td>1V</td><td>1T</td><td>1R</td><td>1P</td><td>1N</td><td>1L</td><td>1J</td><td>1H</td><td>1F</td><td>1D</td><td>1B</td></tr></table>		1U	1S	1Q	1O	1M	1K	1I	1G	1E	1C	1A	*	*	R/G	W/G	G/R	BR/R	*	*	Y/B	*	L/R	G/B	*	*	BR	V	*(B)	R/B	L/O	*	Y	B/Y	1V	1T	1R	1P	1N	1L	1J	1H	1F	1D	1B	<table><tr><td>2Y</td><td>2W</td><td>2U</td><td>2S</td><td>2Q</td><td>2O</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>*</td><td>L/W</td><td>LG/R</td><td>*</td><td>G/W</td><td>G/B</td><td>G/Y</td><td>BR/W</td><td>*</td><td>*</td><td>P</td><td>B/O</td><td>B</td></tr><tr><td>W/L</td><td>L/Y</td><td>LG/B</td><td>L</td><td>*</td><td>*</td><td>W</td><td>G</td><td>*</td><td>*</td><td>R/W</td><td>BR/B</td><td>B</td></tr><tr><td>2Z</td><td>2X</td><td>2V</td><td>2T</td><td>2R</td><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>		2Y	2W	2U	2S	2Q	2O	2M	2K	2I	2G	2E	2C	2A	*	L/W	LG/R	*	G/W	G/B	G/Y	BR/W	*	*	P	B/O	B	W/L	L/Y	LG/B	L	*	*	W	G	*	*	R/W	BR/B	B	2Z	2X	2V	2T	2R	2P	2N	2L	2J	2H	2F	2D	2B		
1U	1S	1Q	1O	1M	1K	1I	1G	1E	1C	1A																																																																																											
*	*	R/G	W/G	G/R	BR/R	*	*	Y/B	*	L/R																																																																																											
G/B	*	*	BR	V	*(B)	R/B	L/O	*	Y	B/Y																																																																																											
1V	1T	1R	1P	1N	1L	1J	1H	1F	1D	1B																																																																																											
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W/L	L/Y	LG/B	L	*	*	W	G	*	*	R/W	BR/B	B																																																																																									
2Z	2X	2V	2T	2R	2P	2N	2L	2J	2H	2F	2D	2B																																																																																									
B3-04 Ignition coil (F)	B3-05 Ignition module (F)		B3-06 Fuel injector 1 (INJ)	B3-07 Fuel injector 3 (INJ)	B3-08 Fuel injector 2 (INJ)	B3-09 Fuel injector 4 (INJ)																																																																																															
B3-10 Idle air control valve (IAC) (INJ)	B3-11 Camshaft position sensor (F)																																																																																																				

(F)
 (E)
 (R)
 Harness symbol

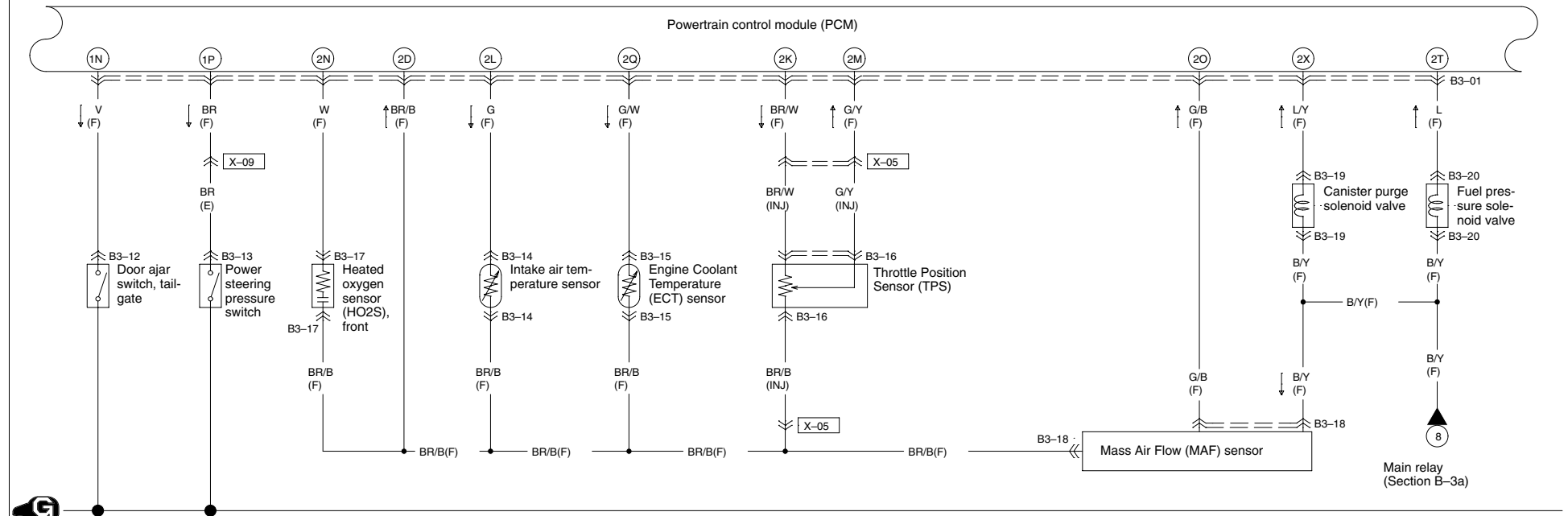


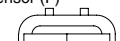
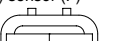
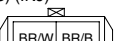
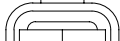
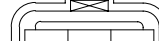
Powertrain (G6) / Ignition (G6)

B-3b

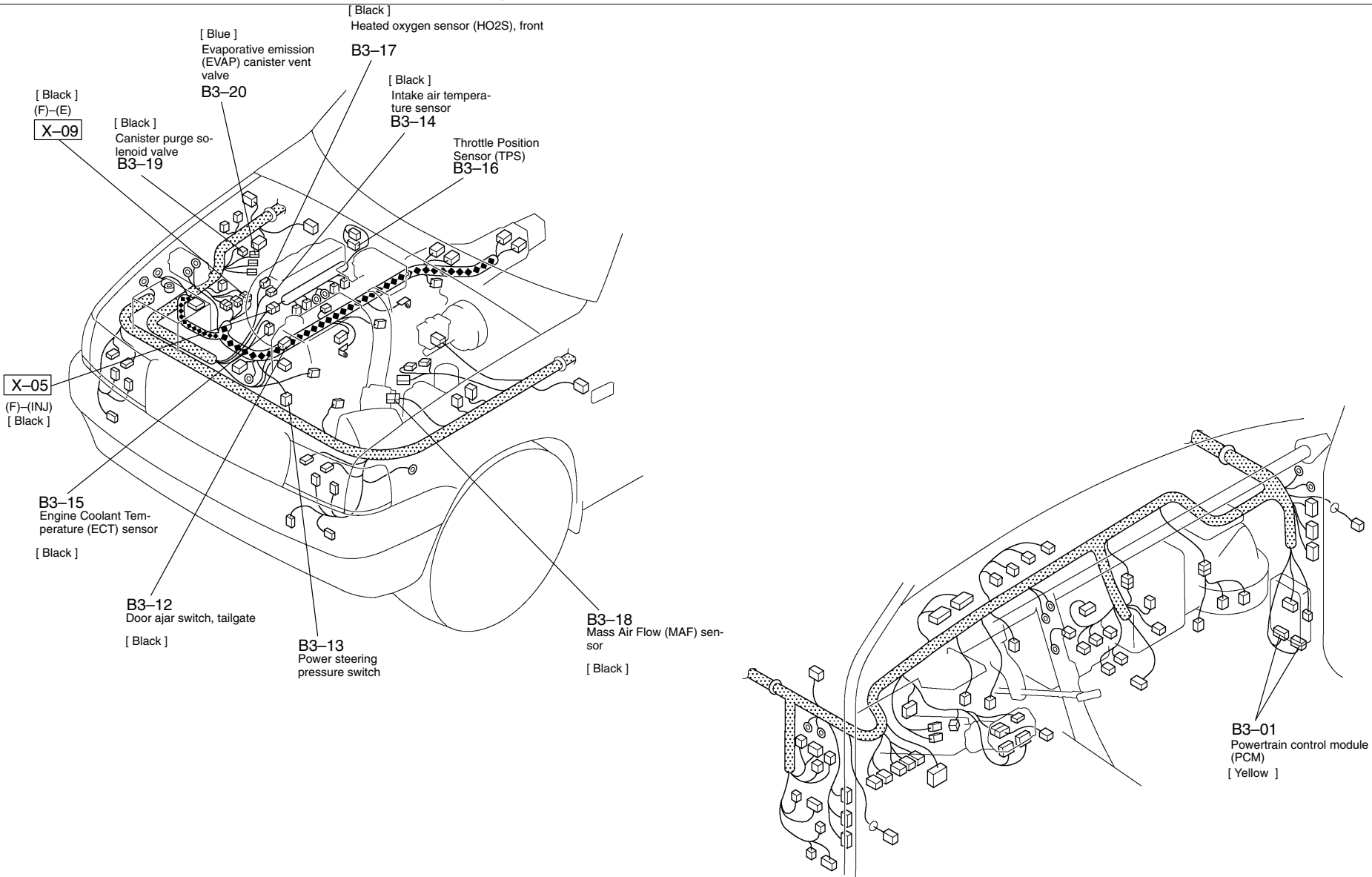
()... European specifications
(LHD)

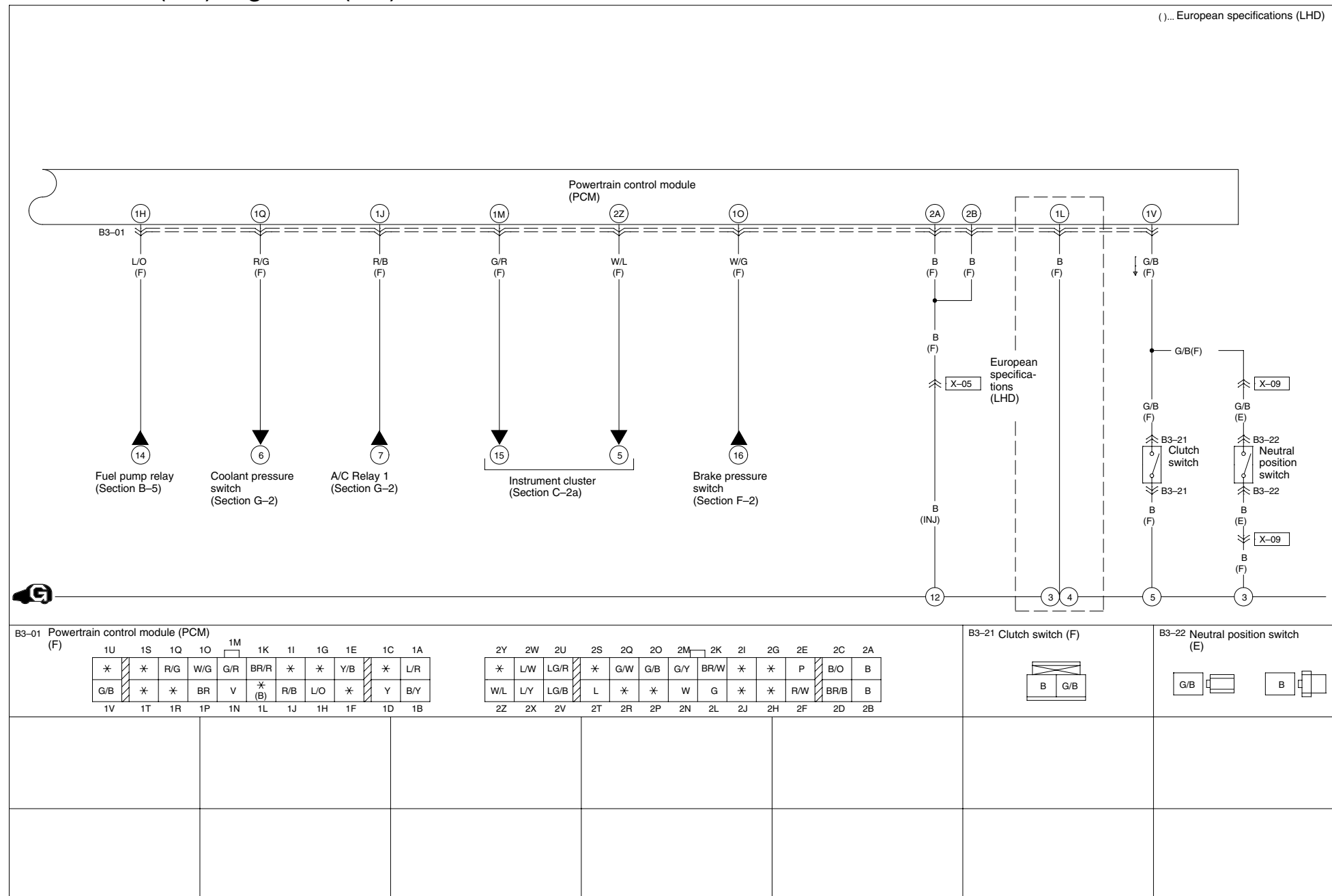
Wiring Diagram

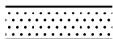


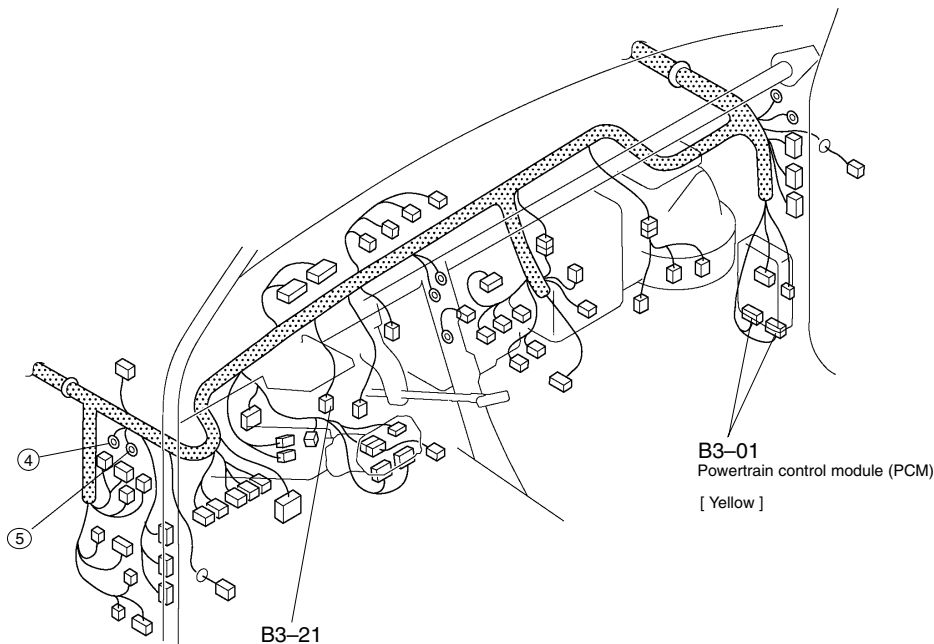
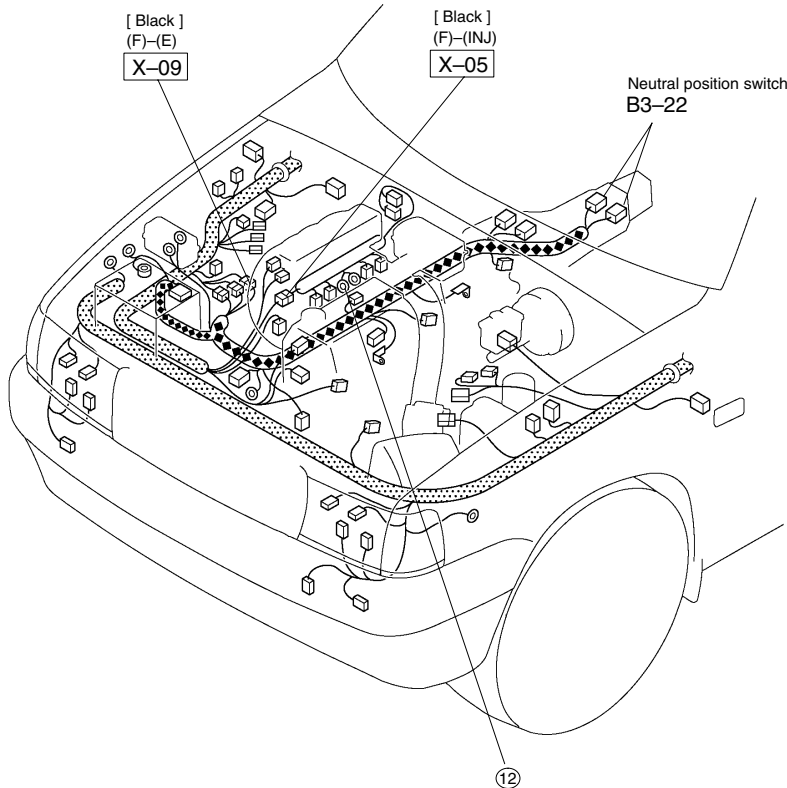
B3-01 Powertrain control module (PCM) (F) <table><tr><td>1U</td><td>1S</td><td>1Q</td><td>1O</td><td>1M</td><td>1K</td><td>1I</td><td>1G</td><td>1E</td><td>1C</td><td>1A</td></tr><tr><td>*</td><td>*</td><td>R/G</td><td>W/G</td><td>G/R</td><td>BR/R</td><td>*</td><td>*</td><td>Y/B</td><td>*</td><td>L/R</td></tr><tr><td>G/B</td><td>*</td><td>*</td><td>BR</td><td>V</td><td>*(B)</td><td>R/B</td><td>L/O</td><td>*</td><td>Y</td><td>B/Y</td></tr><tr><td>1V</td><td>1T</td><td>1R</td><td>1P</td><td>1N</td><td>1L</td><td>1J</td><td>1H</td><td>1F</td><td>1D</td><td>1B</td></tr></table>												1U	1S	1Q	1O	1M	1K	1I	1G	1E	1C	1A	*	*	R/G	W/G	G/R	BR/R	*	*	Y/B	*	L/R	G/B	*	*	BR	V	*(B)	R/B	L/O	*	Y	B/Y	1V	1T	1R	1P	1N	1L	1J	1H	1F	1D	1B	B3-12 Door ajar switch, tail-gate (F) 		B3-13 Power steering pressure switch (E) 	
1U	1S	1Q	1O	1M	1K	1I	1G	1E	1C	1A																																																	
*	*	R/G	W/G	G/R	BR/R	*	*	Y/B	*	L/R																																																	
G/B	*	*	BR	V	*(B)	R/B	L/O	*	Y	B/Y																																																	
1V	1T	1R	1P	1N	1L	1J	1H	1F	1D	1B																																																	
B3-14 Intake air temperature sensor (F) 			B3-15 Engine Coolant Temperature (ECT) sensor (F) 			B3-16 Throttle Position Sensor (TPS) (INJ) 			B3-17 Heated oxygen sensor (HO2S), front (F) 			B3-18 Mass Air Flow (MAF) sensor (F) 																																															
B3-19 Canister purge solenoid valve (F) 						B3-20 Fuel pressure solenoid valve (F) 																																																					

(F) (E) (R) Harness symbol





 (F)  (E)  (R) **Harness symbol**

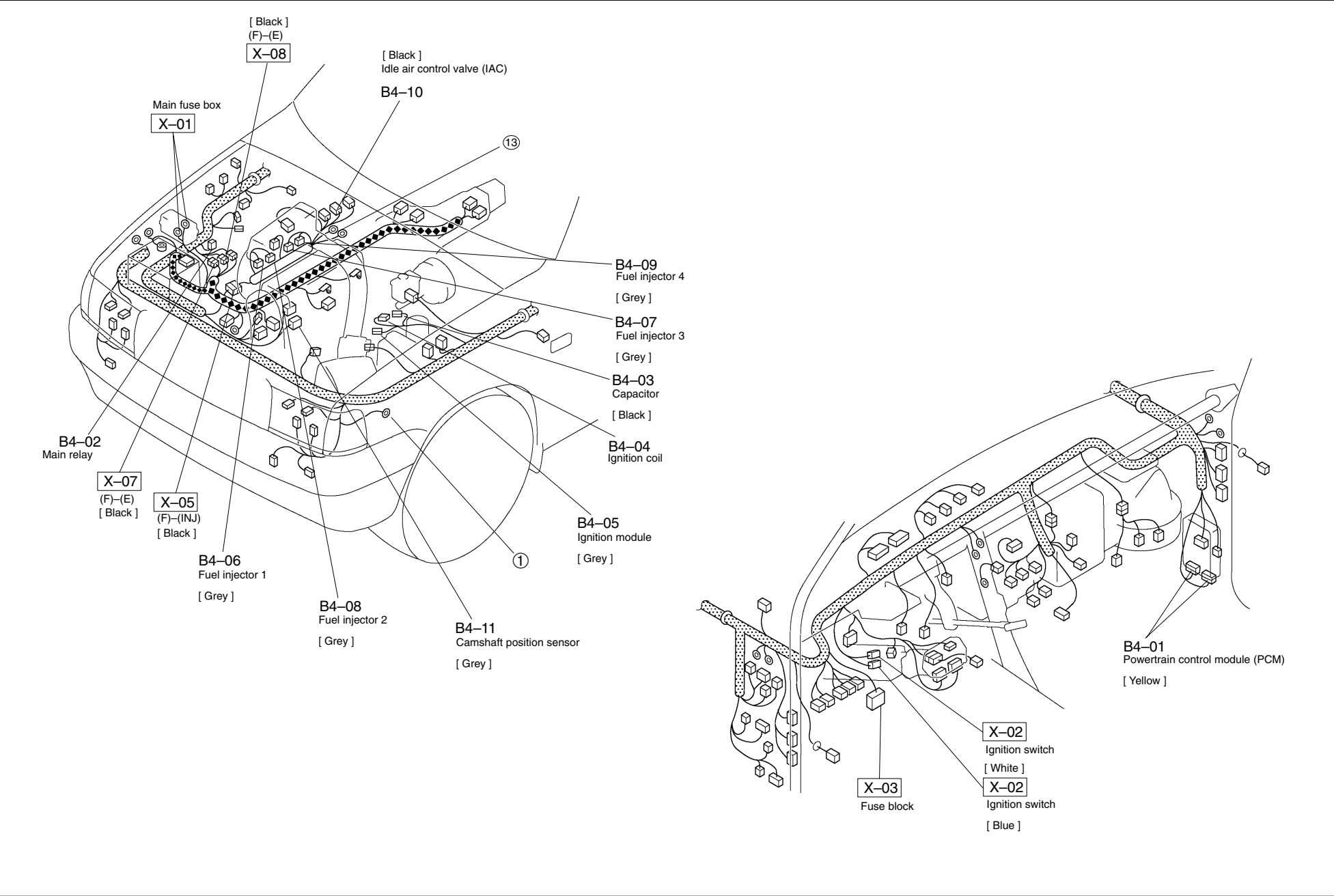


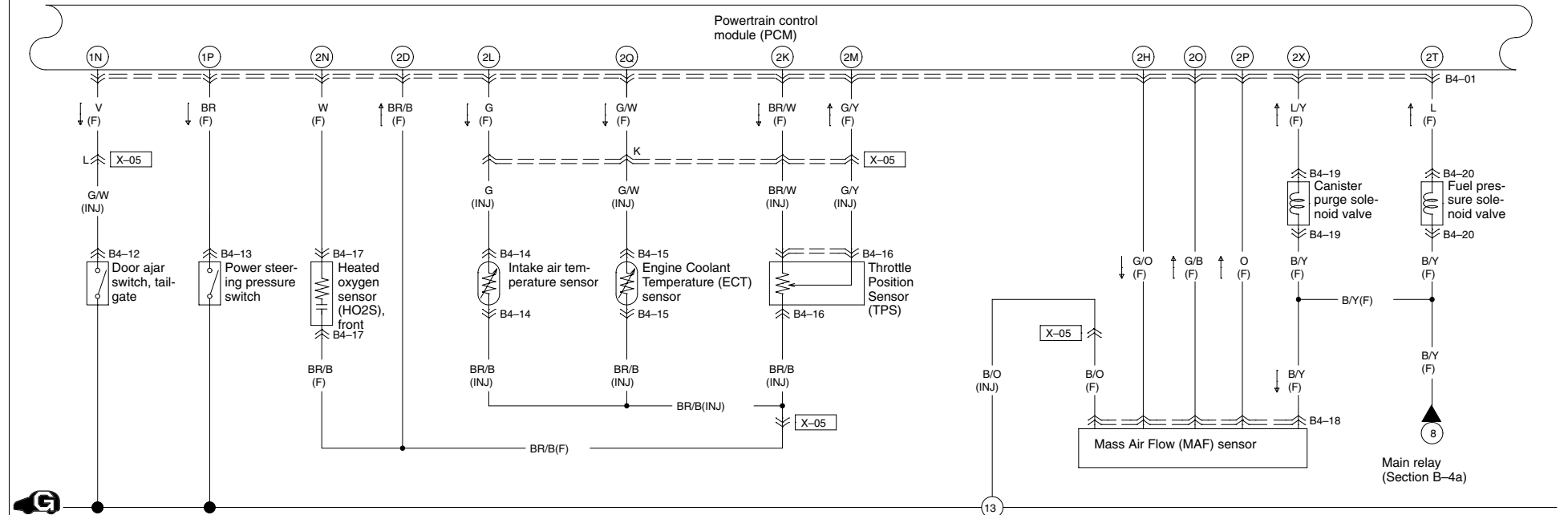
This wiring diagram illustrates the electrical system for a 2000 Ford Focus 1.8L V6 engine. The system is powered by a battery (negative ground) and includes a main fuse box and an ignition switch. Key components and their connections are as follows:

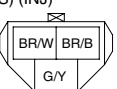
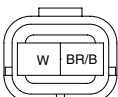
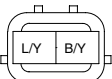
- Battery:** Connected to the main fuse box (MAIN 80A) and the ignition switch (ACC).
- Main Fuse Box:** Contains fuses for MAIN (80A), FUEL INJ (30A), and ROOM (10A). It also includes a fuse block for the ENGINE (15A).
- Ignition Switch:** Controls the ignition system (ST, IG1, IG2) and the engine (ACC).
- Fuel System:** Includes the fuel injectors (1, 2, 3, 4) and the idle air control valve (IAC).
- Ignition System:** Includes the ignition coil, ignition module, and the data link connector (DLC) (Section U).
- Sensors and Actuators:** Includes the canister purge solenoid valve, fuel pressure solenoid valve, mass air flow (MAF) sensor, and the camshaft position sensor.
- Wiring:** The diagram shows various wire colors and gauges (e.g., 1G, 2F, 1E, 1D, 1K, 1B, 2U, 2V, 2W, 2E, 2C) used throughout the system.

B4-01 Powertrain control module (PCM) (F) <table><tr><td>1U</td><td>1S</td><td>1Q</td><td>1O</td><td>1M</td><td>1K</td><td>1I</td><td>1G</td><td>1E</td><td>1C</td><td>1A</td></tr><tr><td>*</td><td>*</td><td>R/G</td><td>W/G</td><td>*</td><td>BR/R</td><td>B/W</td><td>L/B</td><td>Y/B</td><td>*</td><td>L/R</td></tr><tr><td>G/B</td><td>*</td><td>*</td><td>BR</td><td>V</td><td>*</td><td>R/B</td><td>L/O</td><td>*</td><td>Y</td><td>B/Y</td></tr><tr><td>1V</td><td>1T</td><td>1R</td><td>1P</td><td>1N</td><td>1L</td><td>1J</td><td>1H</td><td>1F</td><td>1D</td><td>1B</td></tr></table>		1U	1S	1Q	1O	1M	1K	1I	1G	1E	1C	1A	*	*	R/G	W/G	*	BR/R	B/W	L/B	Y/B	*	L/R	G/B	*	*	BR	V	*	R/B	L/O	*	Y	B/Y	1V	1T	1R	1P	1N	1L	1J	1H	1F	1D	1B	2Y 2W 2U 2S 2Q 2O 2M 2K 2I 2G 2E 2C 2A <table><tr><td>*</td><td>L/W</td><td>LG/R</td><td>*</td><td>G/W</td><td>G/B</td><td>G/Y</td><td>BR/W</td><td>*</td><td>*</td><td>P</td><td>B/O</td><td>B</td></tr><tr><td>*</td><td>L/Y</td><td>LG/B</td><td>L</td><td>*</td><td>O</td><td>W</td><td>G</td><td>*</td><td>G/O</td><td>R/W</td><td>BR/B</td><td>B</td></tr><tr><td>2Z</td><td>2X</td><td>2V</td><td>2T</td><td>2R</td><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>		*	L/W	LG/R	*	G/W	G/B	G/Y	BR/W	*	*	P	B/O	B	*	L/Y	LG/B	L	*	O	W	G	*	G/O	R/W	BR/B	B	2Z	2X	2V	2T	2R	2P	2N	2L	2J	2H	2F	2D	2B	B4-02 Main relay (F) <table><tr><td>C</td><td>A</td></tr><tr><td>L/W</td><td>L/W</td></tr><tr><td>B/Y</td><td>L/B</td></tr></table>	C	A	L/W	L/W	B/Y	L/B	B4-03 Capacitor (F) <table><tr><td>B</td><td>W</td></tr></table>	B	W
1U	1S	1Q	1O	1M	1K	1I	1G	1E	1C	1A																																																																																						
*	*	R/G	W/G	*	BR/R	B/W	L/B	Y/B	*	L/R																																																																																						
G/B	*	*	BR	V	*	R/B	L/O	*	Y	B/Y																																																																																						
1V	1T	1R	1P	1N	1L	1J	1H	1F	1D	1B																																																																																						
*	L/W	LG/R	*	G/W	G/B	G/Y	BR/W	*	*	P	B/O	B																																																																																				
*	L/Y	LG/B	L	*	O	W	G	*	G/O	R/W	BR/B	B																																																																																				
2Z	2X	2V	2T	2R	2P	2N	2L	2J	2H	2F	2D	2B																																																																																				
C	A																																																																																															
L/W	L/W																																																																																															
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B4-04 Ignition coil (F) <table><tr><td>W</td><td>O</td></tr></table>	W	O	B4-05 Ignition module (F) <table><tr><td>O</td><td>B</td><td>R/W</td></tr></table>	O	B	R/W	B4-06 Fuel injector 1 (INJ) <table><tr><td>LG/R</td><td>B/Y</td></tr></table>	LG/R	B/Y	B4-07 Fuel injector 3 (INJ) <table><tr><td>LG/R</td><td>B/Y</td></tr></table>	LG/R	B/Y	B4-08 Fuel injector 2 (INJ) <table><tr><td>LG/B</td><td>B/Y</td></tr></table>	LG/B	B/Y	B4-09 Fuel injector 4 (INJ) <table><tr><td>LG/B</td><td>B/Y</td></tr></table>	LG/B	B/Y																																																																														
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O	B	R/W																																																																																														
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B4-10 Idle air control valve (IAC) (INJ) <table><tr><td>L/G</td><td>B/Y</td></tr></table>	L/G	B/Y	B4-11 Camshaft position sensor (F) <table><tr><td>*</td><td>P</td><td>B/Y</td><td>B/O</td></tr></table>	*	P	B/Y	B/O																																																																																									
L/G	B/Y																																																																																															
*	P	B/Y	B/O																																																																																													

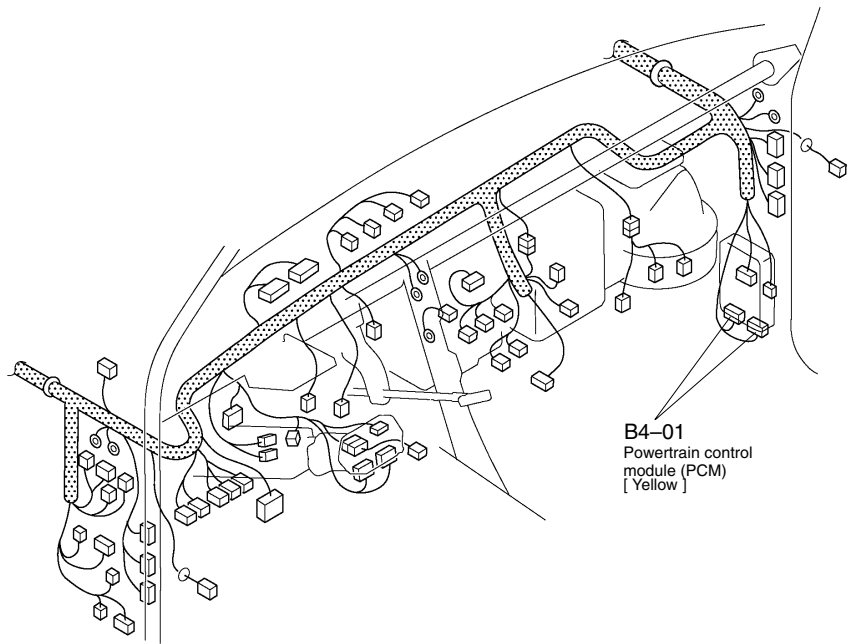
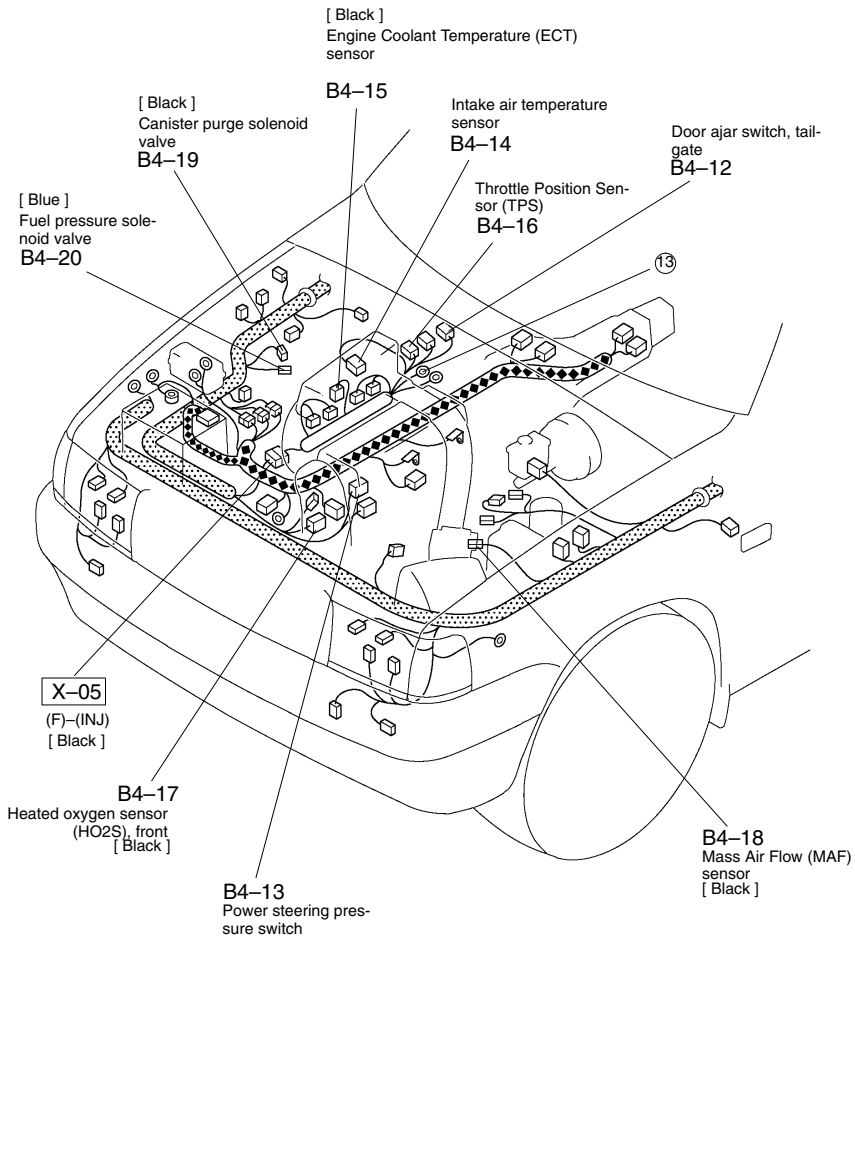
(F) (E) (R) Harness symbol



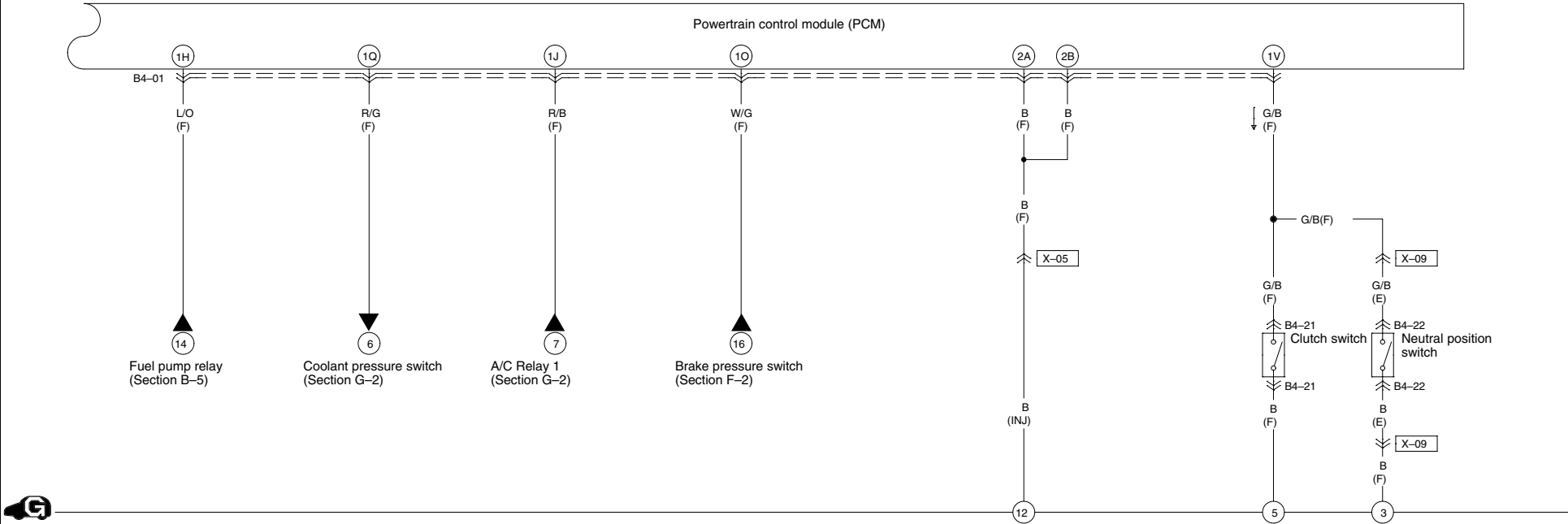


B4-01 Powertrain control module (PCM) (F)																				B4-12 Door ajar switch, tail-gate (INJ)										B4-13 Power steering pressure switch (F)																																																																																																																					
<table><tr><td>1U</td><td>1S</td><td>1Q</td><td>1O</td><td>1M</td><td>1K</td><td>1I</td><td>1G</td><td>1E</td><td>1C</td><td>1A</td></tr><tr><td>*</td><td>/</td><td>*</td><td>R/G</td><td>W/G</td><td>*</td><td>BR/R</td><td>B/W</td><td>L/B</td><td>Y/B</td><td>/</td><td>*</td><td>L/R</td></tr><tr><td>G/B</td><td>*</td><td>*</td><td>BR</td><td>V</td><td>*</td><td>R/B</td><td>L/O</td><td>*</td><td>Y</td><td>B/Y</td></tr><tr><td>1V</td><td>1T</td><td>1R</td><td>1P</td><td>1N</td><td>1L</td><td>1J</td><td>1H</td><td>1F</td><td>1D</td><td>1B</td></tr></table>										1U	1S	1Q	1O	1M	1K	1I	1G	1E	1C	1A	*	/	*	R/G	W/G	*	BR/R	B/W	L/B	Y/B	/	*	L/R	G/B	*	*	BR	V	*	R/B	L/O	*	Y	B/Y	1V	1T	1R	1P	1N	1L	1J	1H	1F	1D	1B	<table><tr><td>2Y</td><td>2W</td><td>2U</td><td>2S</td><td>2Q</td><td>2O</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>*</td><td>L/W</td><td>LG/R</td><td>*</td><td>G/W</td><td>G/B</td><td>G/Y</td><td>BR/W</td><td>*</td><td>*</td><td>P</td><td>B/O</td><td>B</td></tr><tr><td>*</td><td>L/Y</td><td>LG/B</td><td>L</td><td>*</td><td>O</td><td>W</td><td>G</td><td>*</td><td>G/O</td><td>R/W</td><td>BR/B</td><td>B</td></tr><tr><td>2Z</td><td>2X</td><td>2V</td><td>2T</td><td>2R</td><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>										2Y	2W	2U	2S	2Q	2O	2M	2K	2I	2G	2E	2C	2A	*	L/W	LG/R	*	G/W	G/B	G/Y	BR/W	*	*	P	B/O	B	*	L/Y	LG/B	L	*	O	W	G	*	G/O	R/W	BR/B	B	2Z	2X	2V	2T	2R	2P	2N	2L	2J	2H	2F	2D	2B																														
1U	1S	1Q	1O	1M	1K	1I	1G	1E	1C	1A																																																																																																																																									
*	/	*	R/G	W/G	*	BR/R	B/W	L/B	Y/B	/	*	L/R																																																																																																																																							
G/B	*	*	BR	V	*	R/B	L/O	*	Y	B/Y																																																																																																																																									
1V	1T	1R	1P	1N	1L	1J	1H	1F	1D	1B																																																																																																																																									
2Y	2W	2U	2S	2Q	2O	2M	2K	2I	2G	2E	2C	2A																																																																																																																																							
*	L/W	LG/R	*	G/W	G/B	G/Y	BR/W	*	*	P	B/O	B																																																																																																																																							
*	L/Y	LG/B	L	*	O	W	G	*	G/O	R/W	BR/B	B																																																																																																																																							
2Z	2X	2V	2T	2R	2P	2N	2L	2J	2H	2F	2D	2B																																																																																																																																							
B4-14 Intake air temperature sensor (INJ)										B4-15 Engine Coolant Temperature (ECT) sensor (INJ)										B4-16 Throttle Position Sensor (TPS) (INJ)										B4-17 Heated oxygen sensor (HO2S), front (F)										B4-18 Mass Air Flow (MAF) sensor (F)																																																																																																											
																																																																																																																																																			
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(F) (E) (R) Harness symbol



Z-45



B4-01 Powertrain control module (PCM) (F)

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

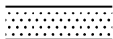
2Y	2W	2U	2S	2Q	2O	2M	2K	2I	2G	2E	2C	2A
*	L/W	LG/R	*	G/W	G/B	G/Y	BR/W	*	*	P	B/O	B
*	L/Y	LG/B	L	*	O	W	G	*	G/O	R/W	BR/B	B
2Z	2X	2V	2T	2R	2P	2N	2L	2J	2H	2F	2D	2B

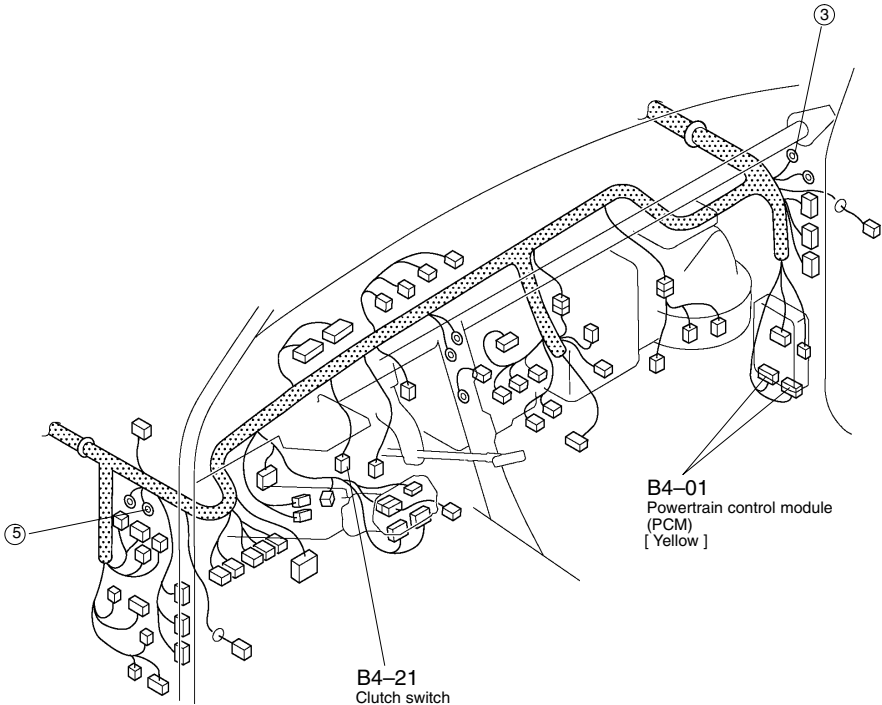
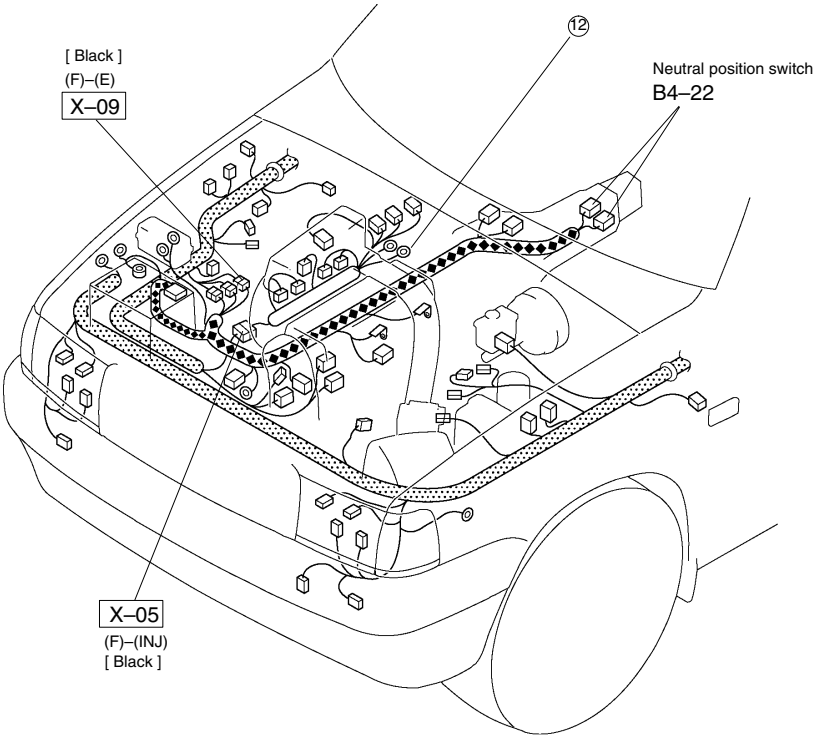
B4-21 Clutch switch (F)



B4-22 Neutral position switch (E)



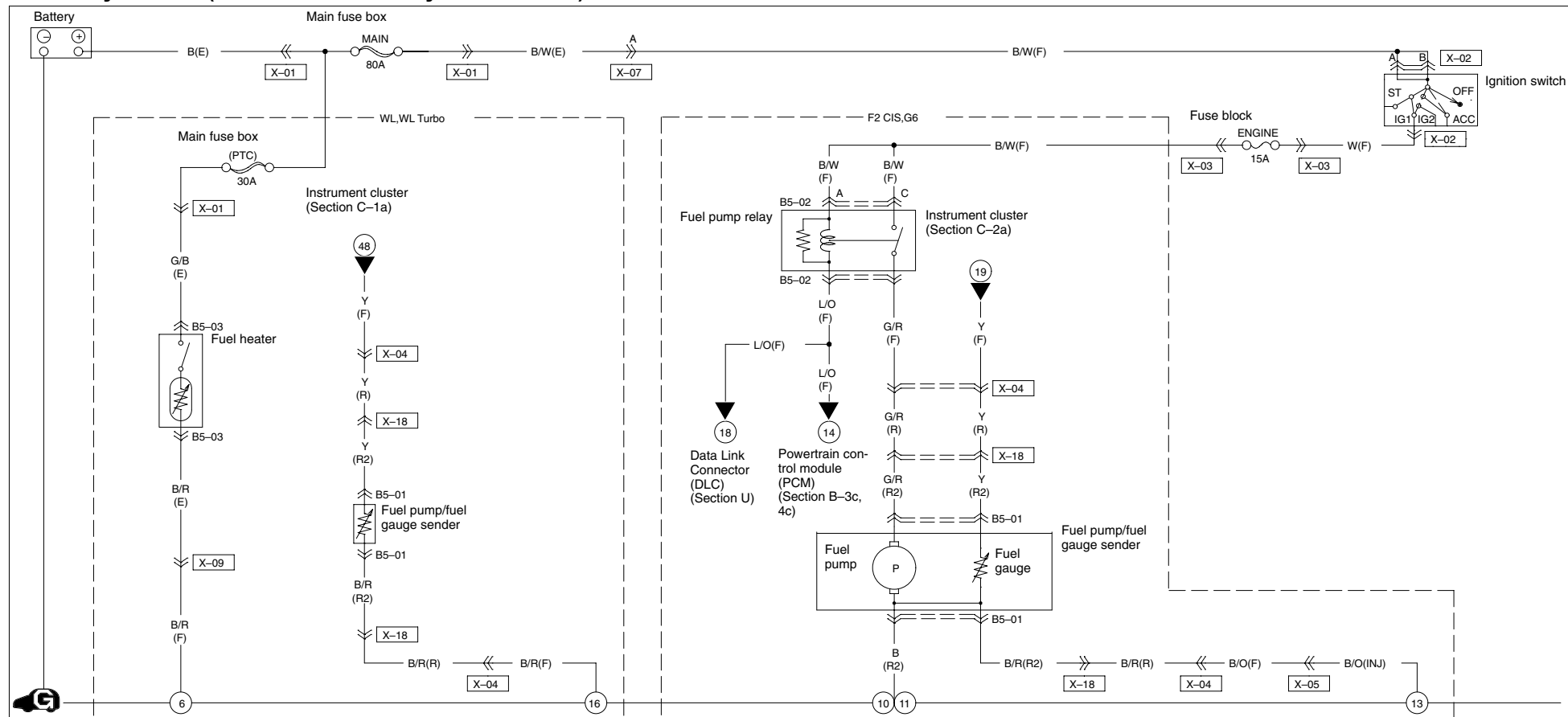
 (F)  (E)  (R) **Harness symbol**



Fuel system (before model year 2002)

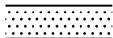
B-5

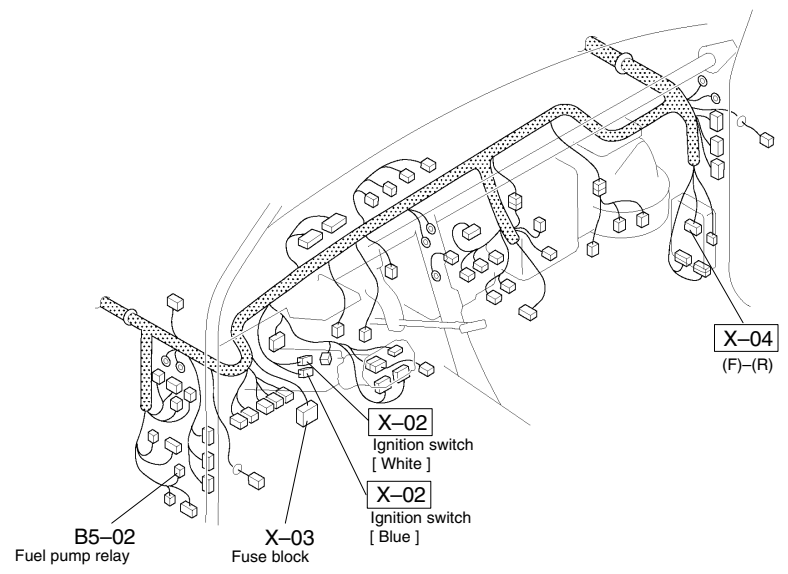
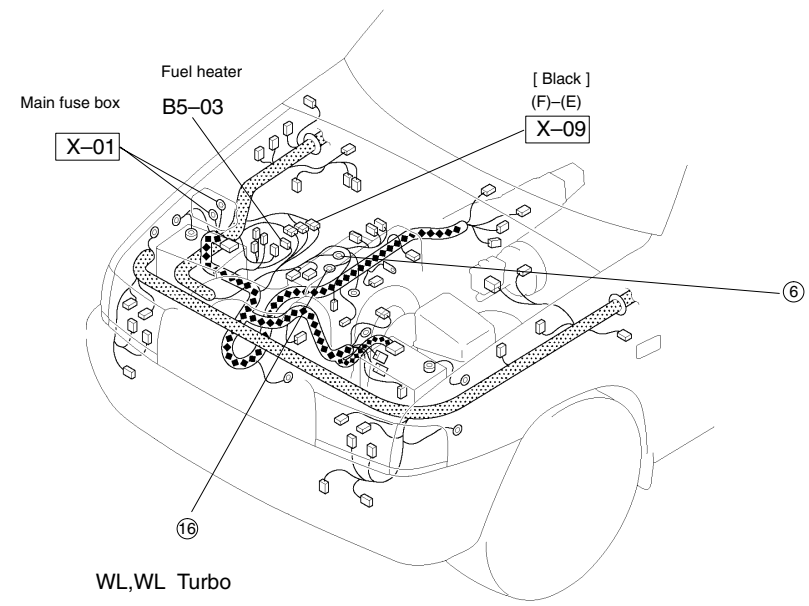
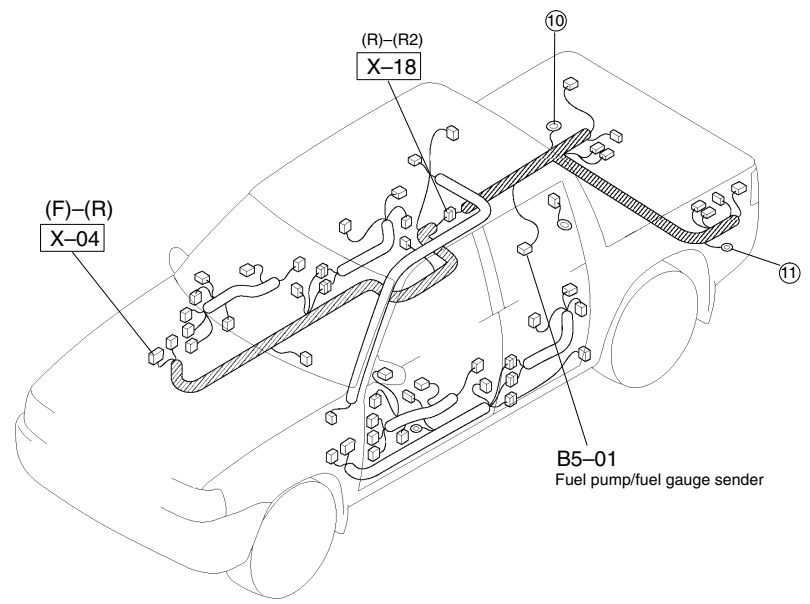
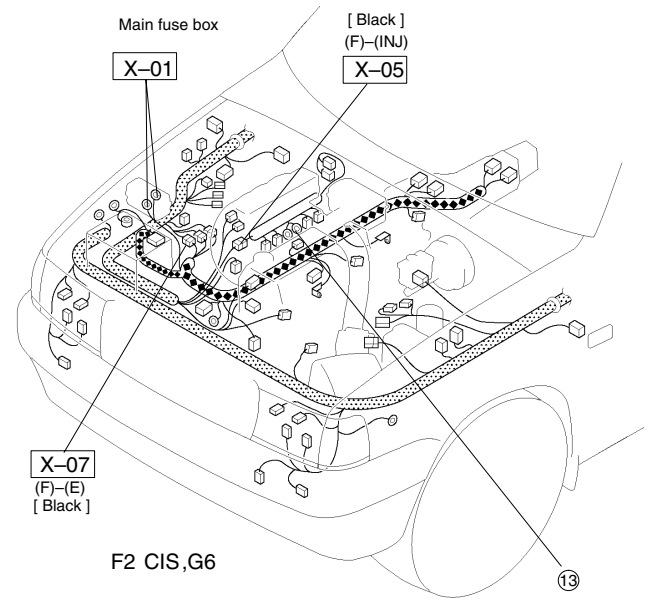
Wiring Diagram



B5-01 Fuel pump/fuel gauge sender (R2) WL, WL Turbo B/R Y	F2 CIS,G6 Y B/R B G/R	B5-02 Fuel pump relay (F) C B/W B/W A G/R L/O	B5-03 Fuel heater (E) G/B B/R			

Z-47

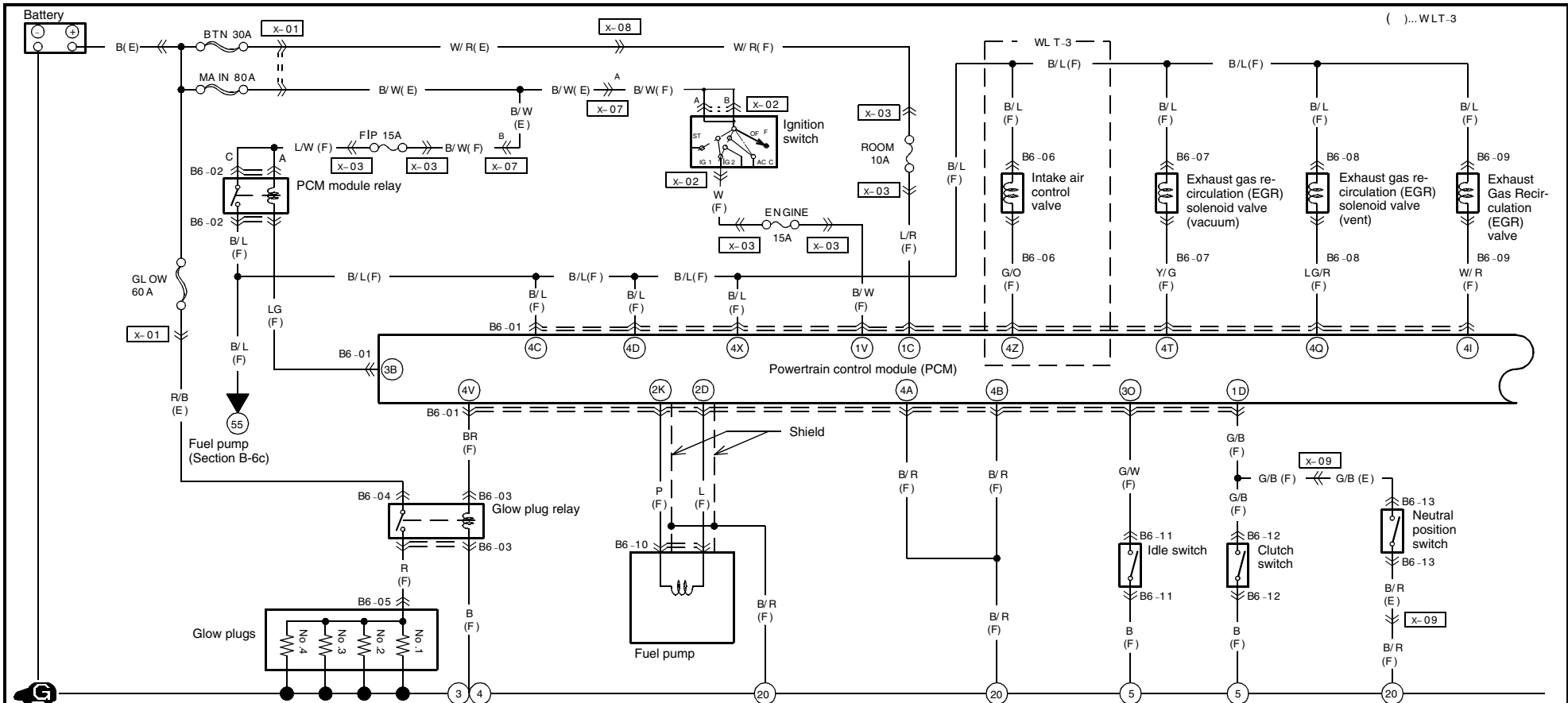
 (F)
  (E)
  (R)
 Harness symbol



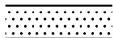
Powertrain / Pre-glow system (WL-3, WLT-3, as of model year 2002)

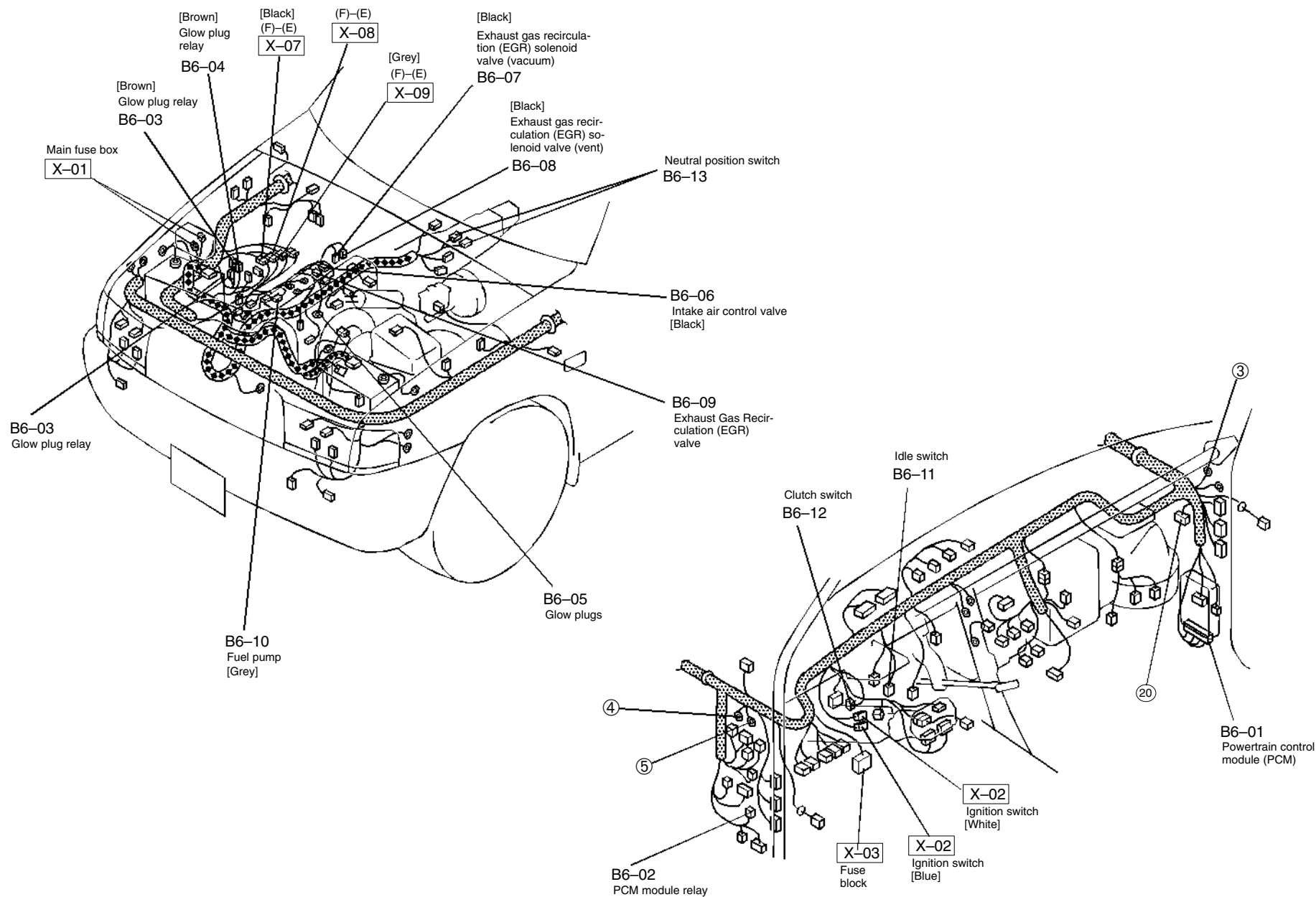
B-6a

Z Wiring Diagram



B6-01 Powertrain control module (PCM) (F) 	B6-02 PCM module relay (F) 	B6-03 Glow plug relay (F) 	B6-04 Glow plug relay (E) 	B6-05 Glow plugs (F) 	B6-06 Intake air control valve (F) 	B6-07 Exhaust gas recirculation (EGR) solenoid valve (vacuum) (F)
B6-08 Exhaust gas recirculation (EGR) solenoid valve (vent) (F) 	B6-09 Exhaust Gas Recirculation (EGR) valve (F) 	B6-10 Fuel pump (F) 	B6-11 Idle switch (F) 	B6-12 Clutch switch (F) 	B6-13 Neutral position switch (E) 	

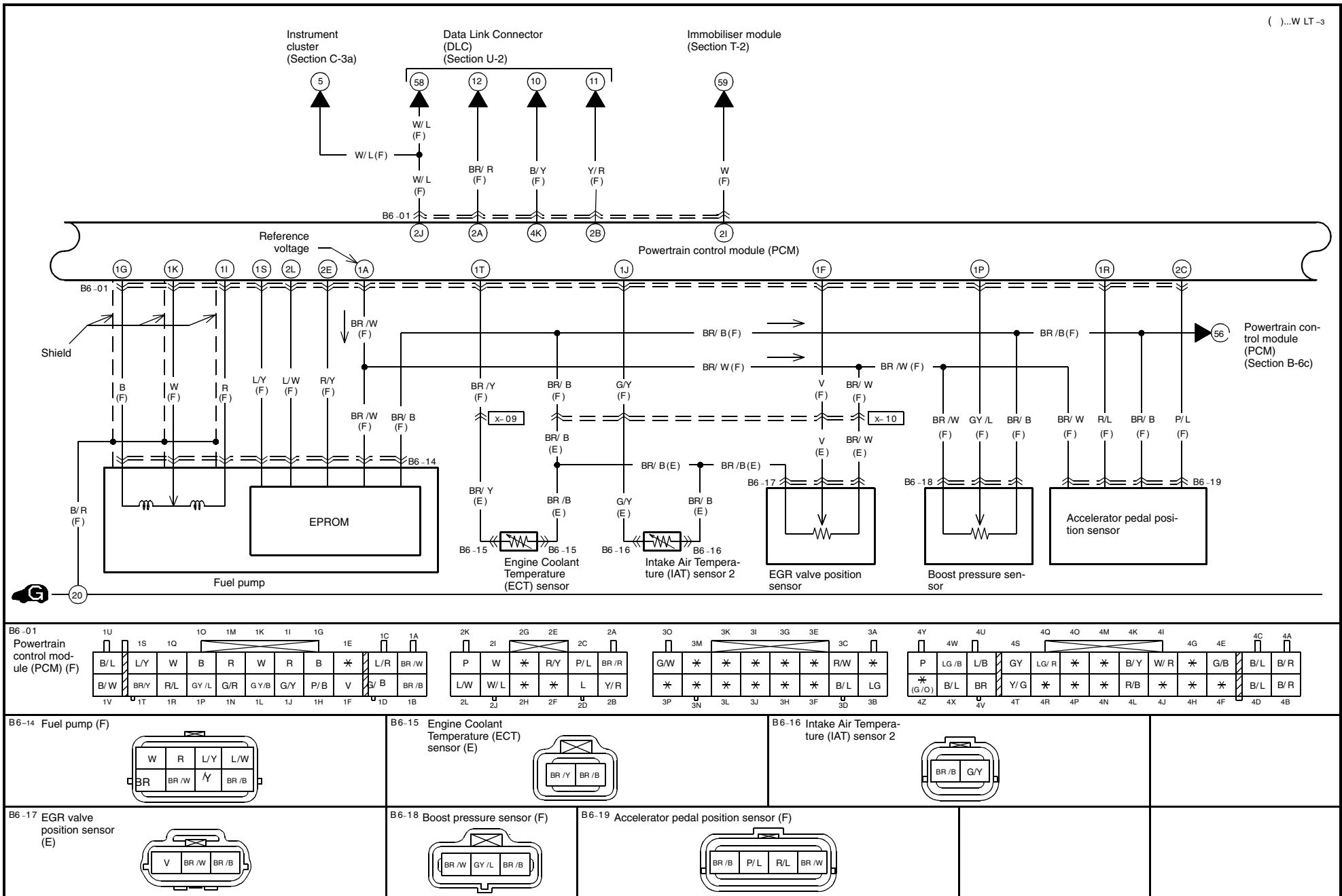
 (F)
  (E)
  (R)
 Harness symbol

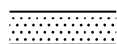


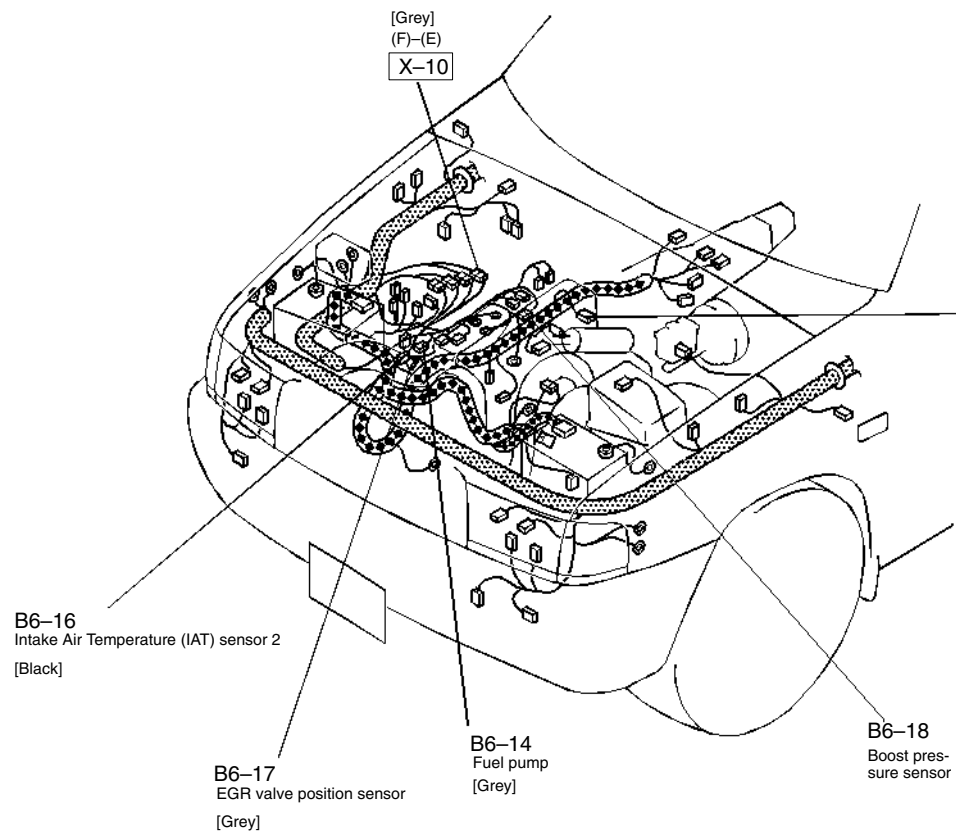
Powertrain / Pre-glow system (WL-3, WLT-3, as of model year 2002)

B-6b

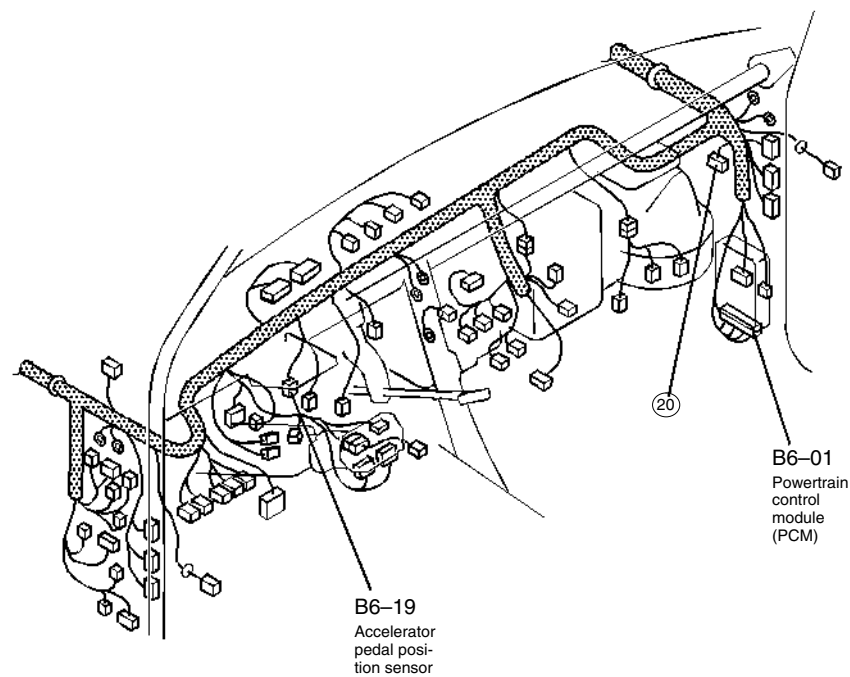
Wiring Diagram

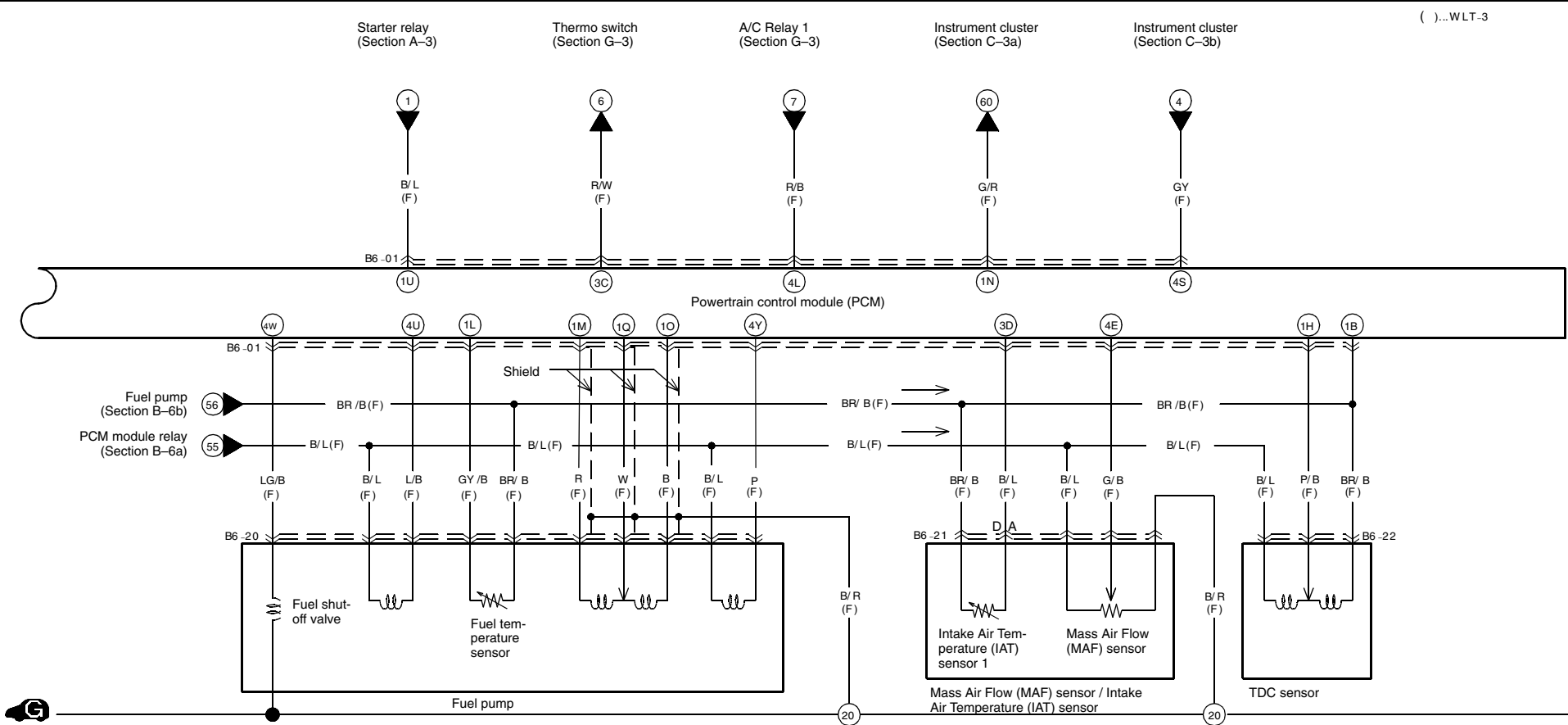


 (F)
  (E)
  (R)
 Harness symbol

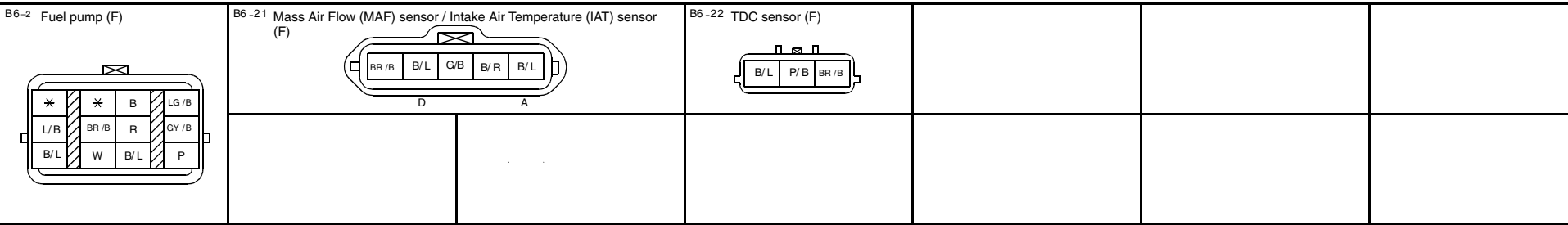


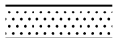
B6-15
Engine Coolant Temperature (ECT) sensor

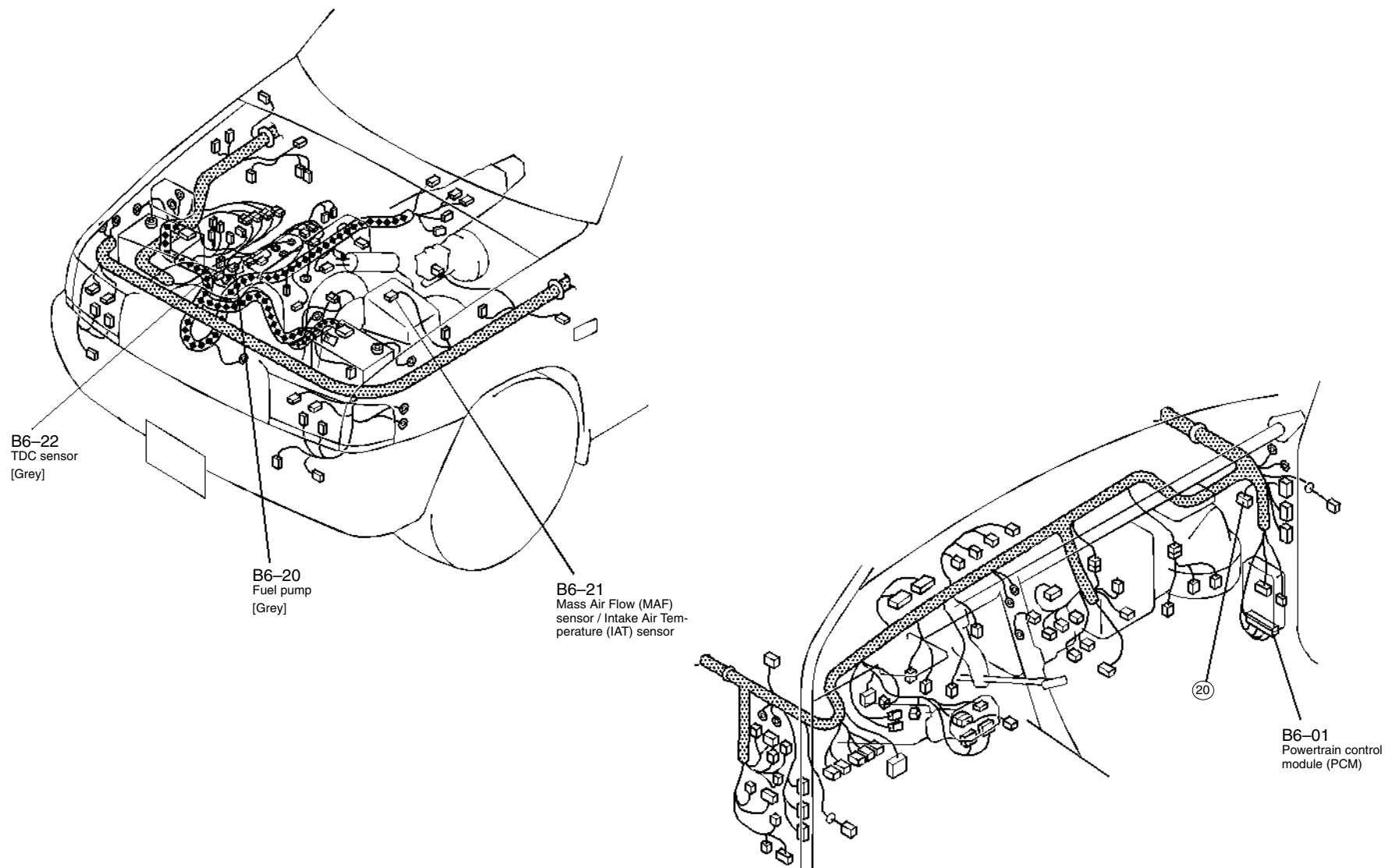


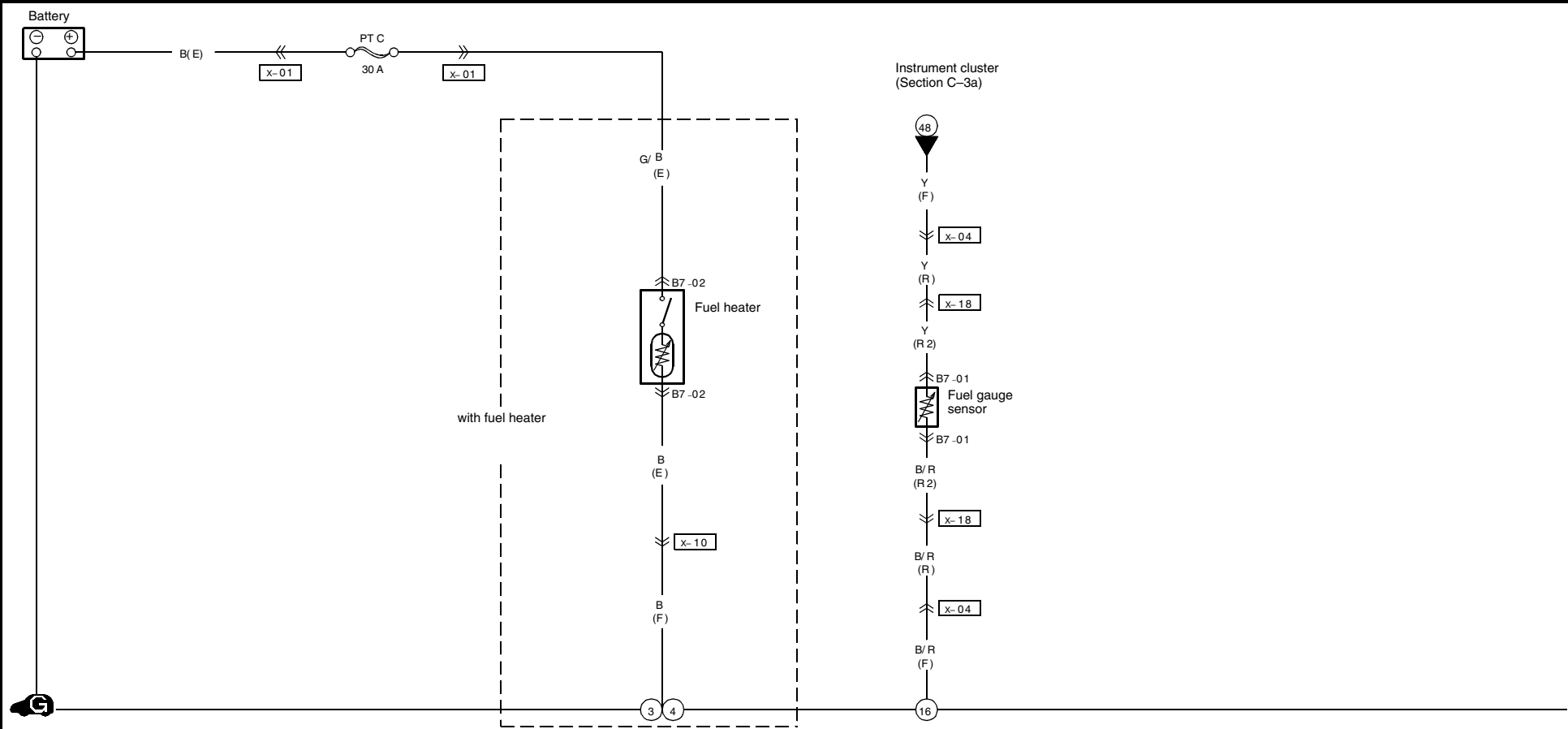


B6-01 Powertrain control module (PCM) (F)																														B6-21 Mass Air Flow (MAF) sensor / Intake Air Temperature (IAT) sensor (F)												B6-22 TDC sensor (F)											
1U	1S	1Q	1O	1M	1K	1I	1G	1E	1C	1A	2K	2I	2G	2E	2C	2A	3O	3M	3K	3I	3G	3E	3C	3A	4Y	4W	4U	4S	4O	4M	4K	4I	4G	4E	4C	4A																	
B/L	L/Y	W	B	R	W	R	B	*	L/R	BR/W	P	W	*	R/Y	P/L	BR/R	G/W	*	*	*	*	*	R/W	*	P	LG/B	L/B	GY	LG/R	*	*	B/Y	W/R	*	G/B	B/L	B/R																
B/W	BR/Y	R/L	GY/L	G/R	G/Y/B	G/Y	P/B	V	G/B	BR/B	L/W	W/L	*	*	L	Y/R	*	*	*	*	*	B/L	LG	(G/O)	B/L	BR	Y/G	*	*	*	R/B	*	*	*	B/L	B/R																	
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																



 (F)
  (E)
  (R)
 Harness symbol

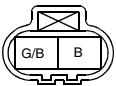


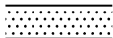


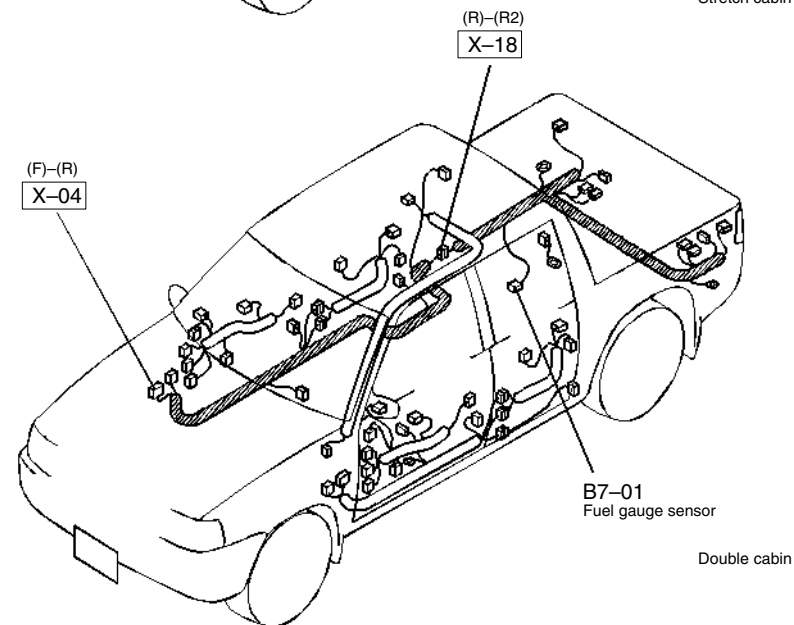
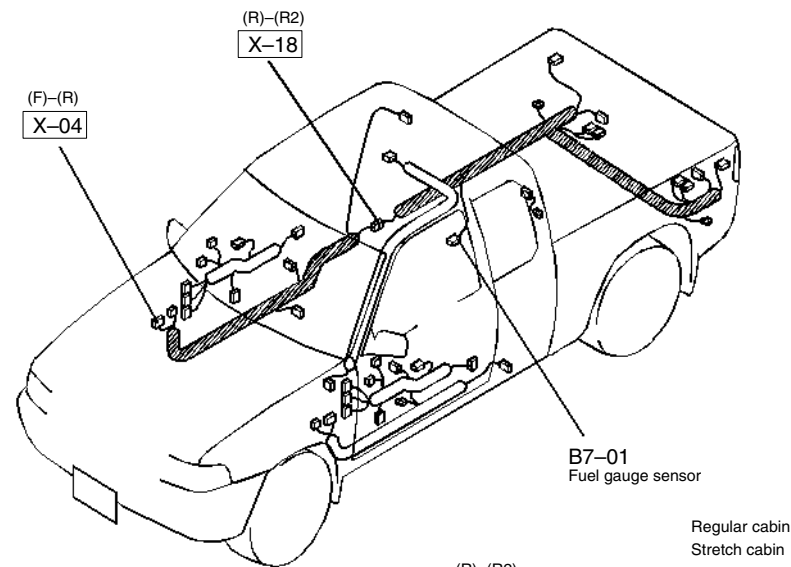
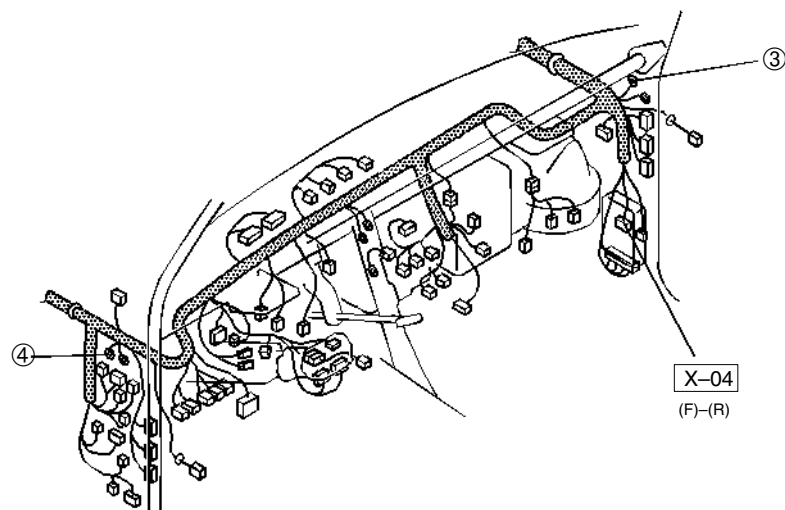
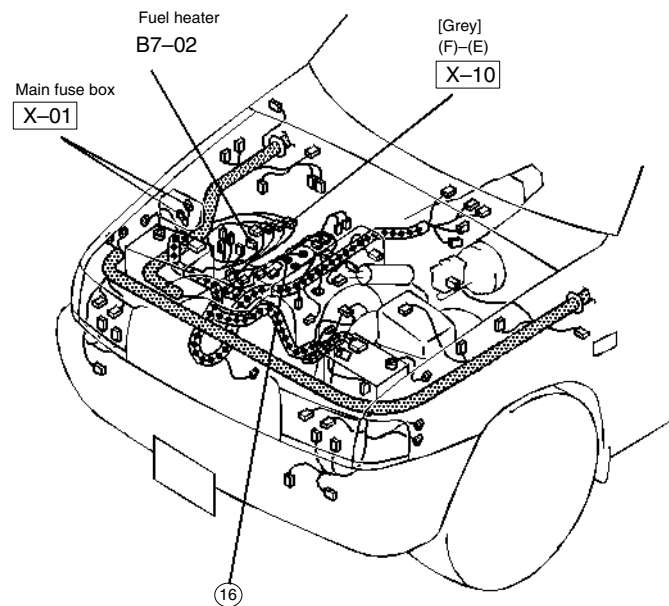
B7-01 Fuel gauge sensor (R2)



B7-02 Fuel heater (E)



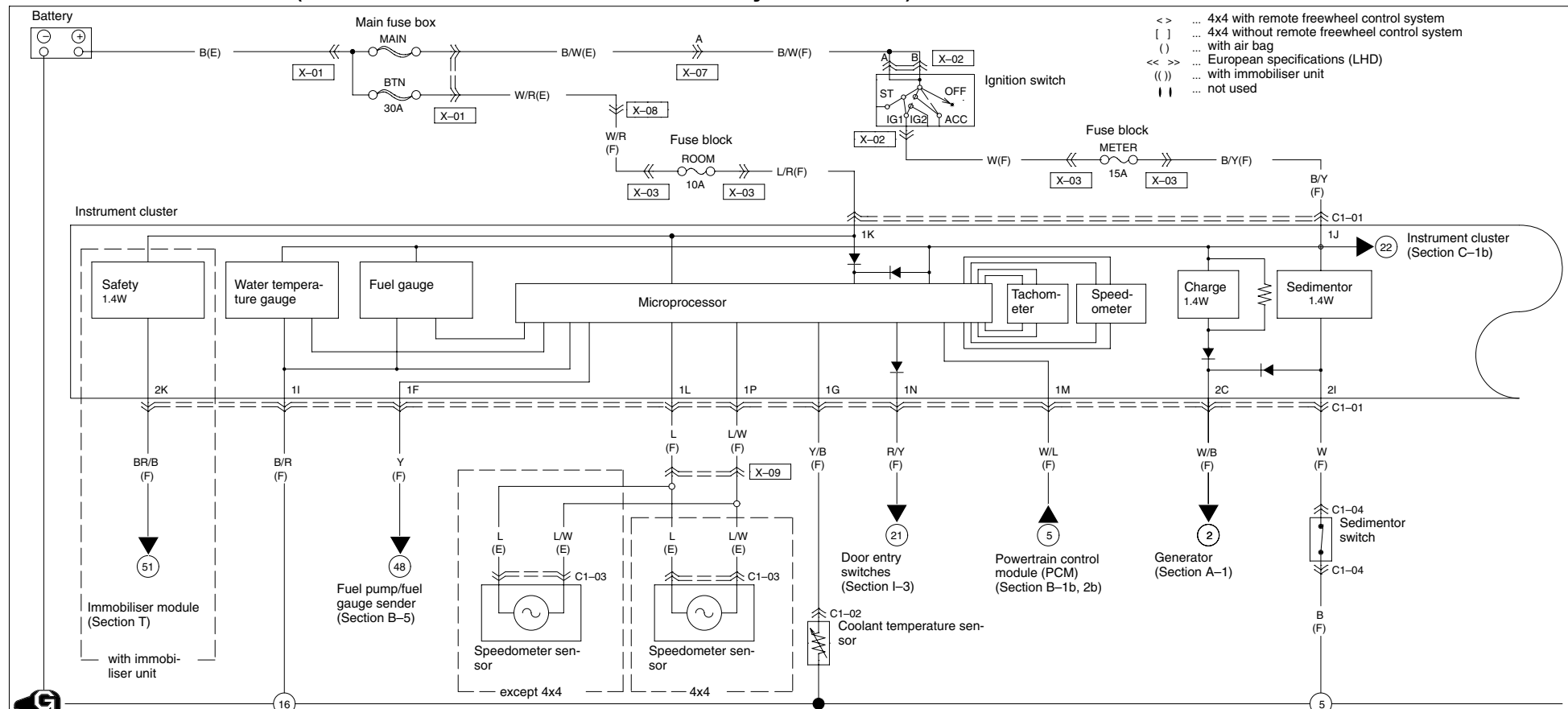
 (F)
  (E)
  (R)
 Harness symbol



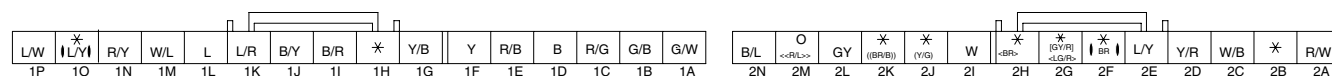
Instrument cluster (WL, WL Turbo, before model year 2002)

C-1a

Z
Wiring Diagram



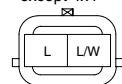
C1-01 Instrument cluster (F)



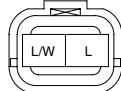
C1-02 Coolant temperature sensor (F)



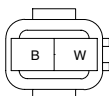
C1-03 Speedometer sensor (E) except 4x4

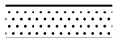


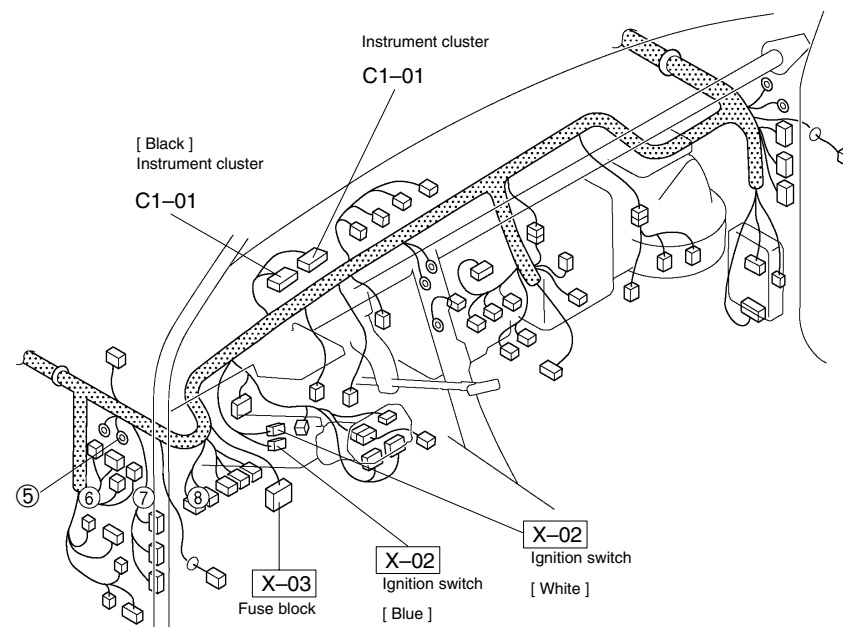
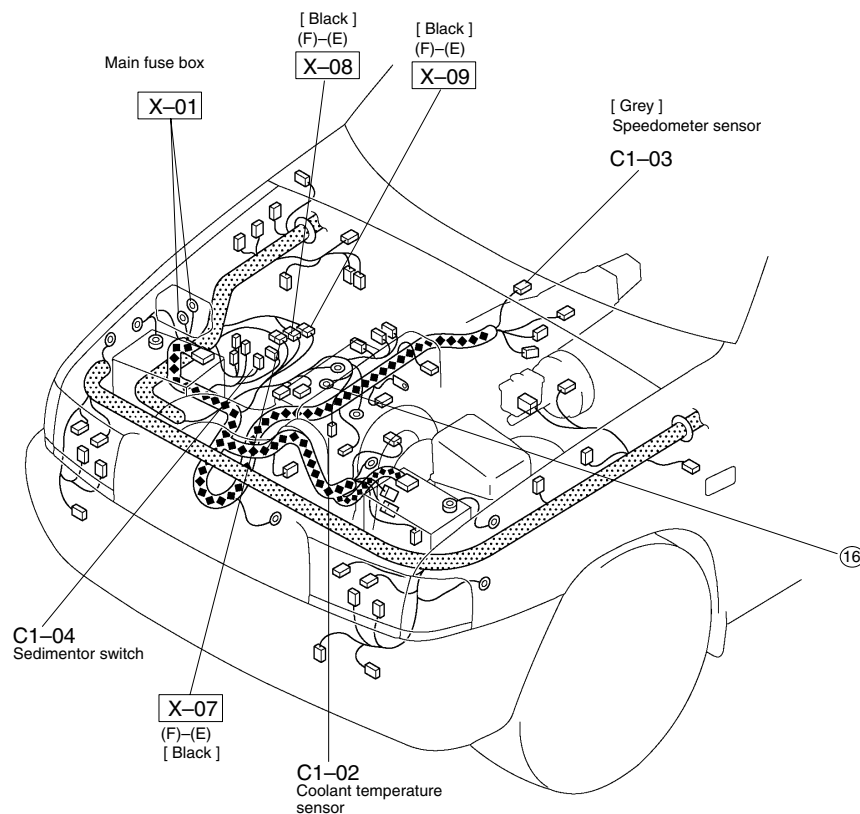
4x4



C1-04 Sedimentor switch (F)



 (F)
  (E)
  (R)
 Harness symbol

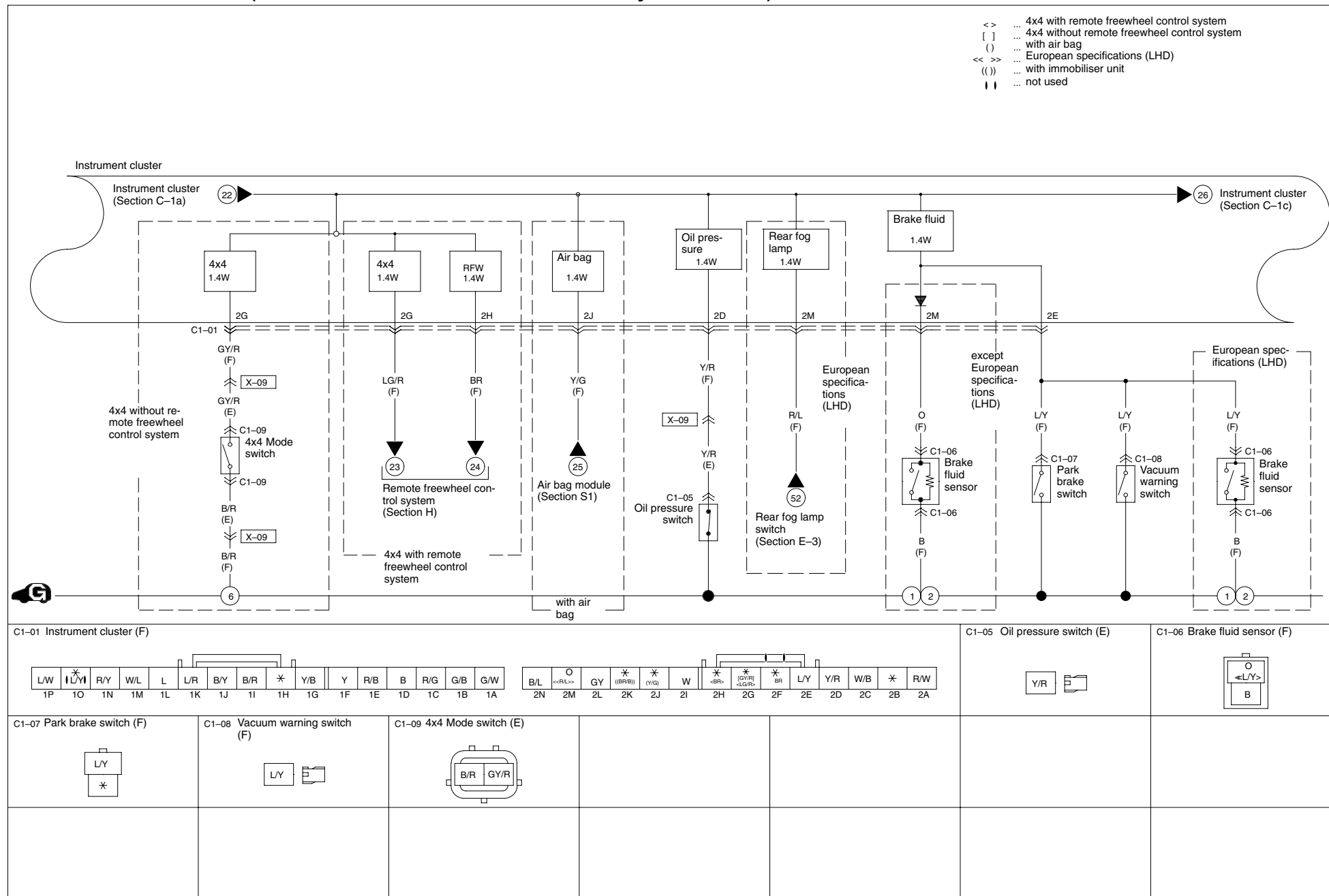


Instrument cluster (WL, WL Turbo, before model year 2002)

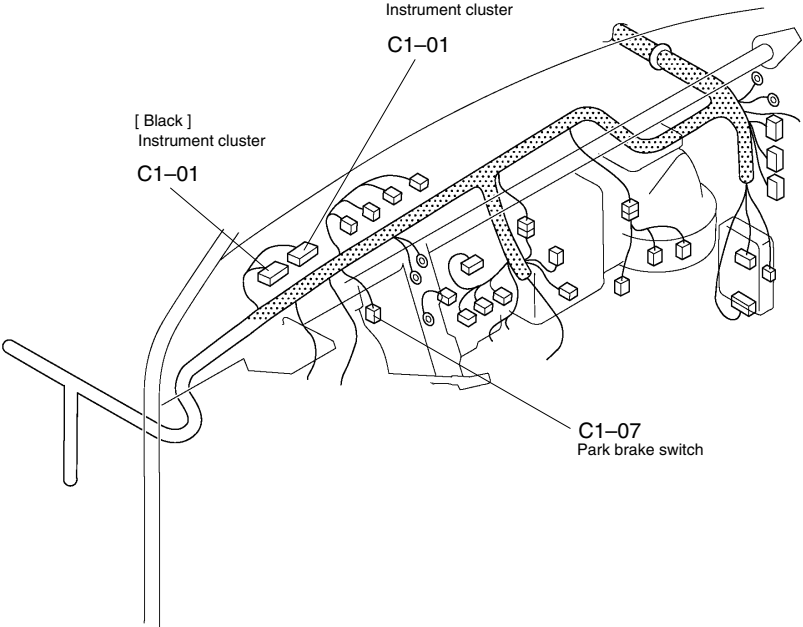
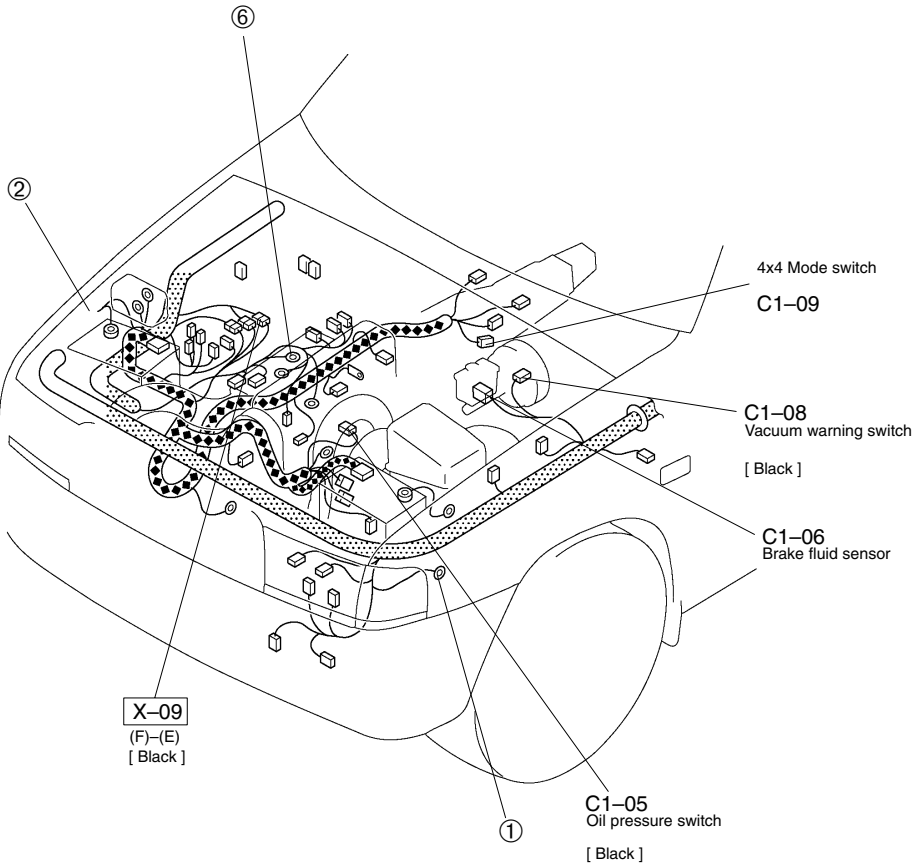
C-1b

Wiring Diagram

65-59

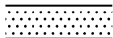


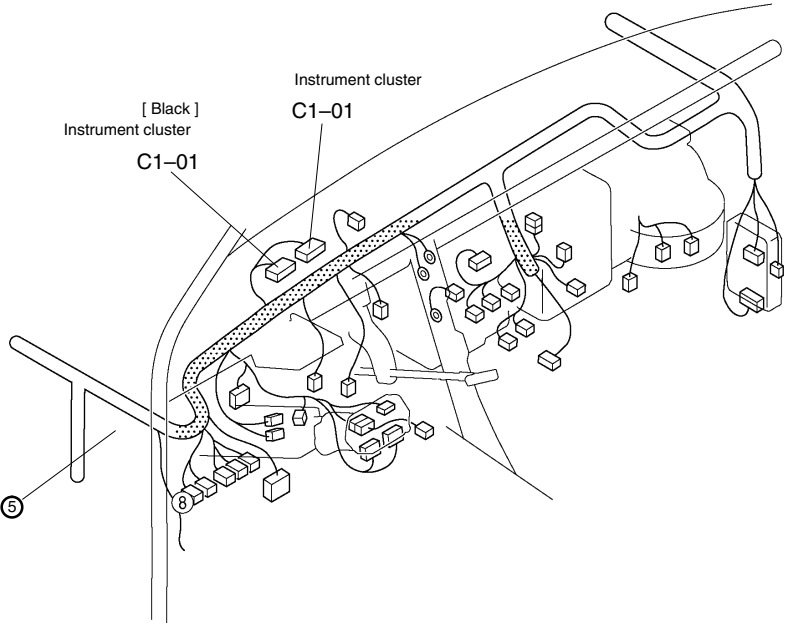
(F) (E) (R) Harness symbol



Z-61



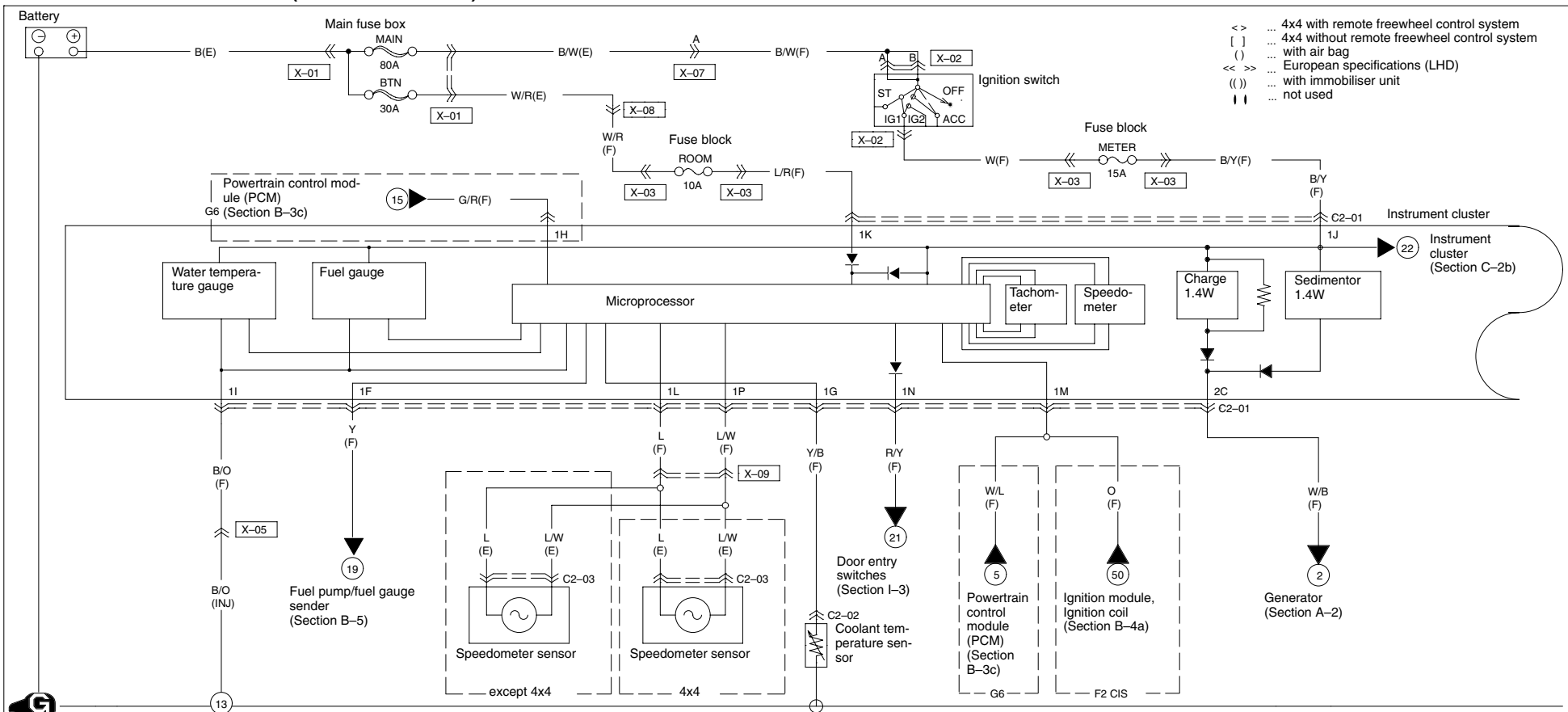
 (F)  (E)  (R) Harness symbol



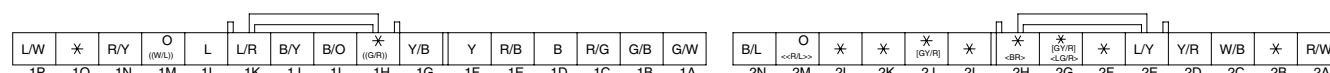
Instrument cluster (F2 CIS, G6)

C-2a

Wiring Diagram



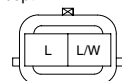
C2-01 Instrument cluster (F)



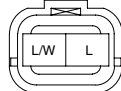
C2-02 Coolant temperature sensor (T)



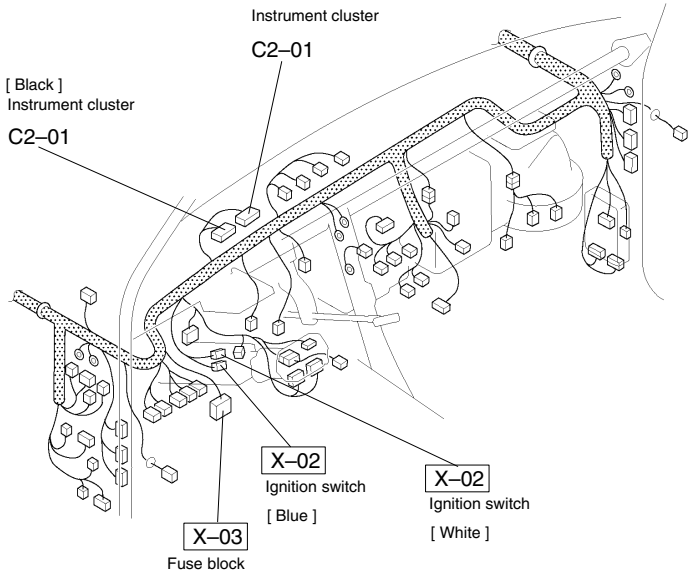
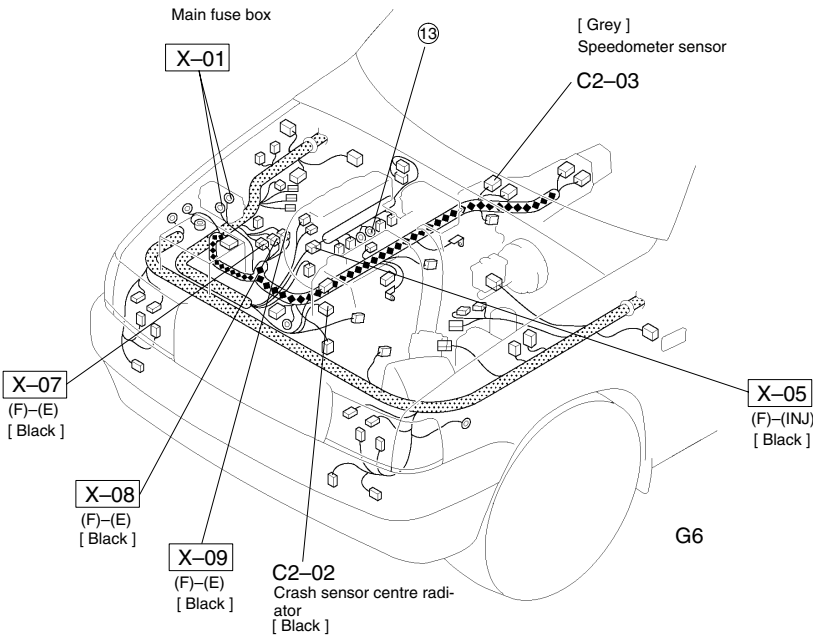
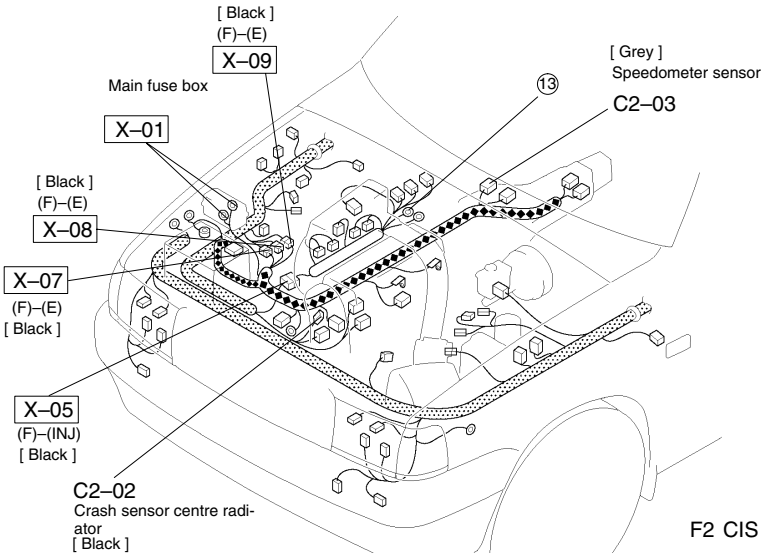
C2-03 Speedometer sensor (E) except 4x4



4x4



(F) (E) (R) Harness symbol

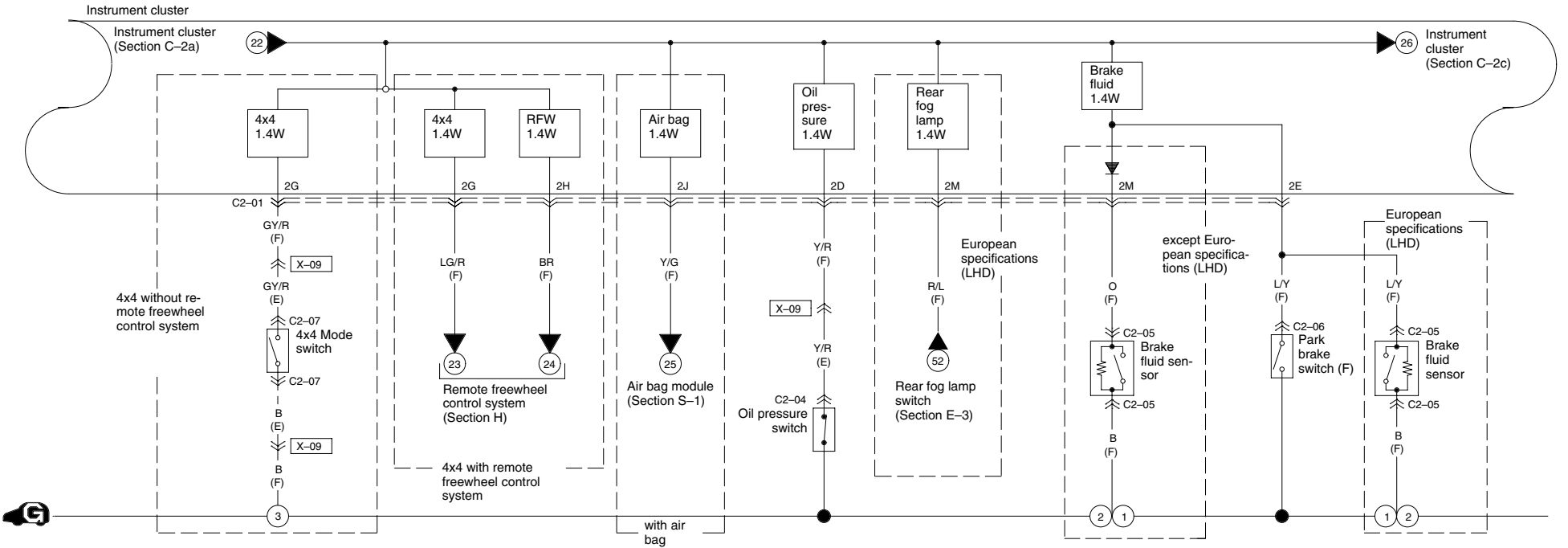


Instrument cluster (F2 CIS, G6)

C-2b

Wiring Diagram

- < >... 4x4 with remote freewheel control system
- []... 4x4 without remote freewheel control system
- ()... with air bag
- (())... G6
- << >>... European specifications (LHD)



C2-01 Instrument cluster (F)

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

B/L	O <<R/L>>	*	*	* (V/G)	*	* 	* (G/R) <L/G/R>	*	L/Y	Y/R	W/B	*	R/W
2N	2M	2L	2K	2J	2I	2H	2G	2F	2E	2D	2C	2B	2A

C2-04 Oil pressure switch (E)



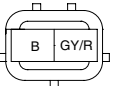
C2-05 Brake fluid sensor (F)

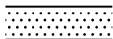


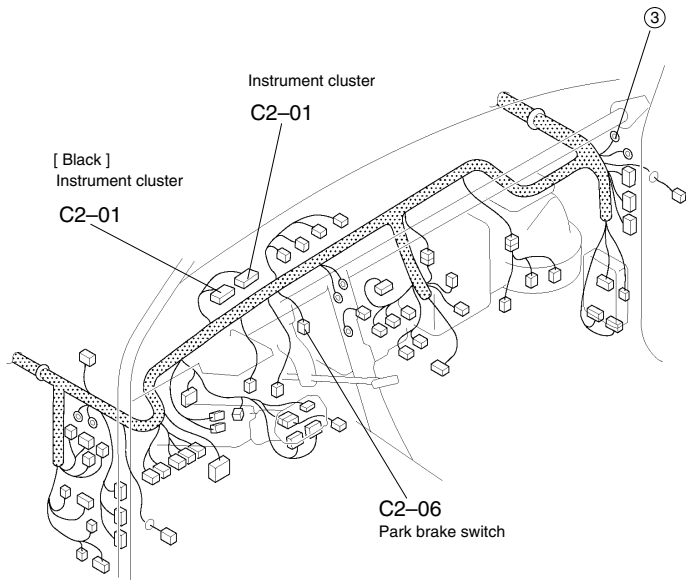
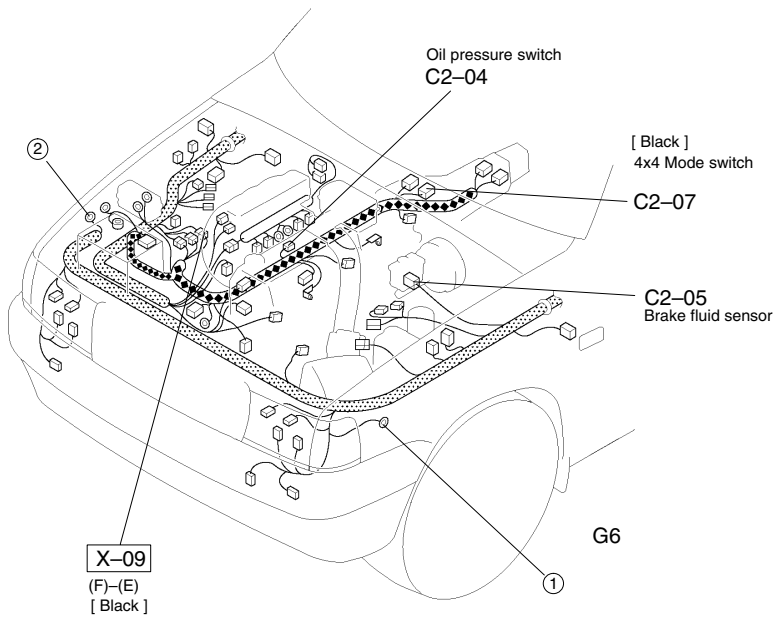
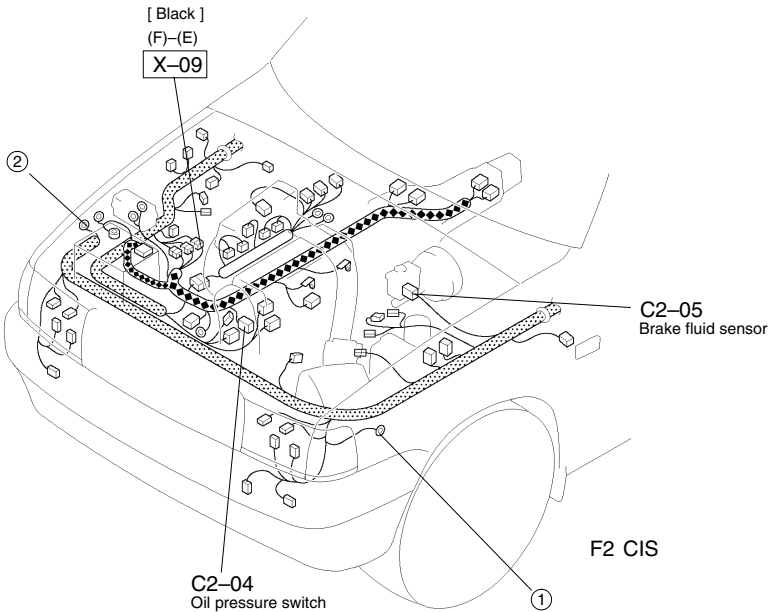
C2-06 Park brake switch (F)



C2-07 4x4 Mode switch (E)



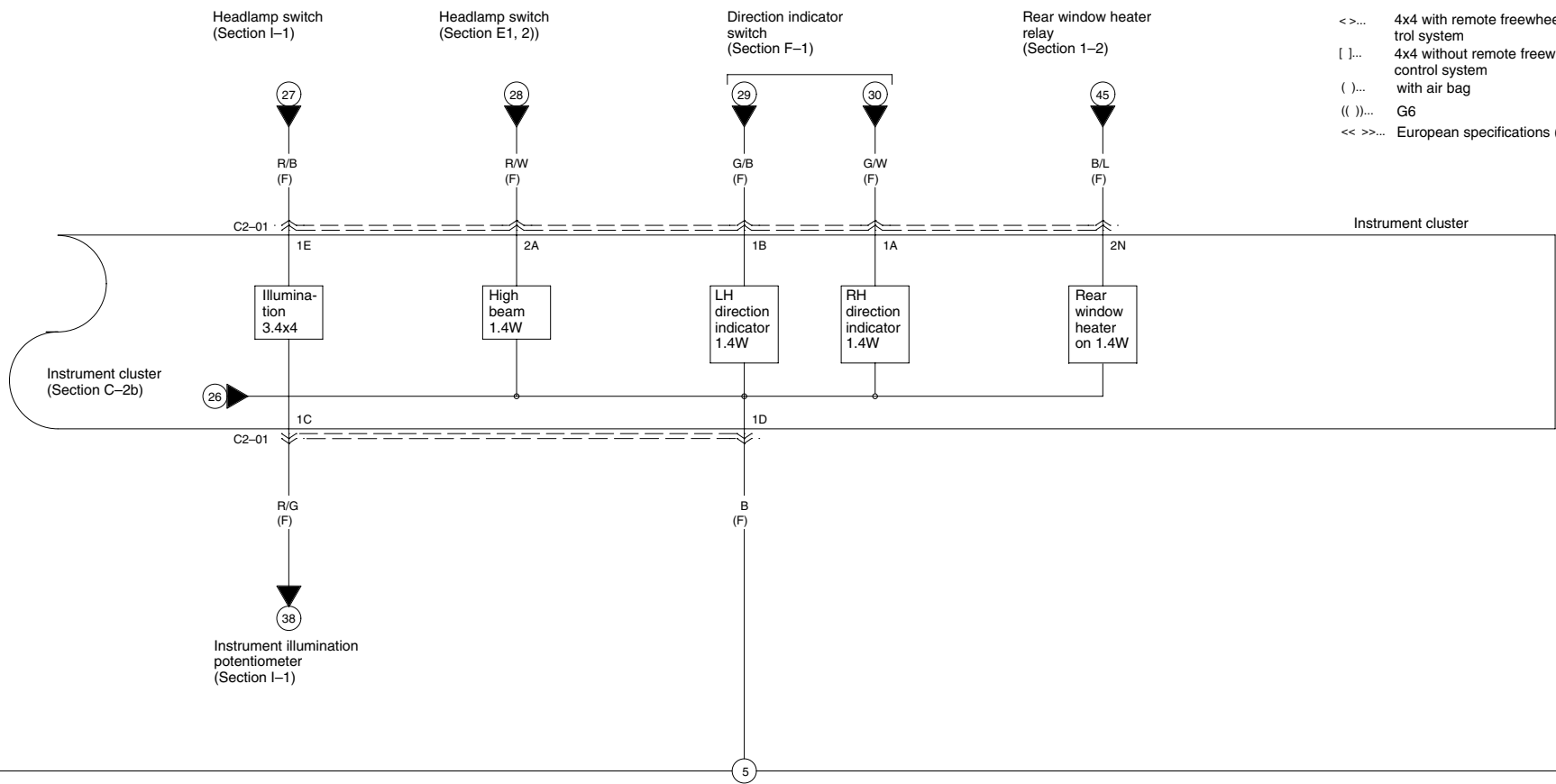
 (F)
  (E)
  (R)
 Harness symbol



Instrument cluster (F2 CIS, G6)

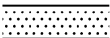
C-2c

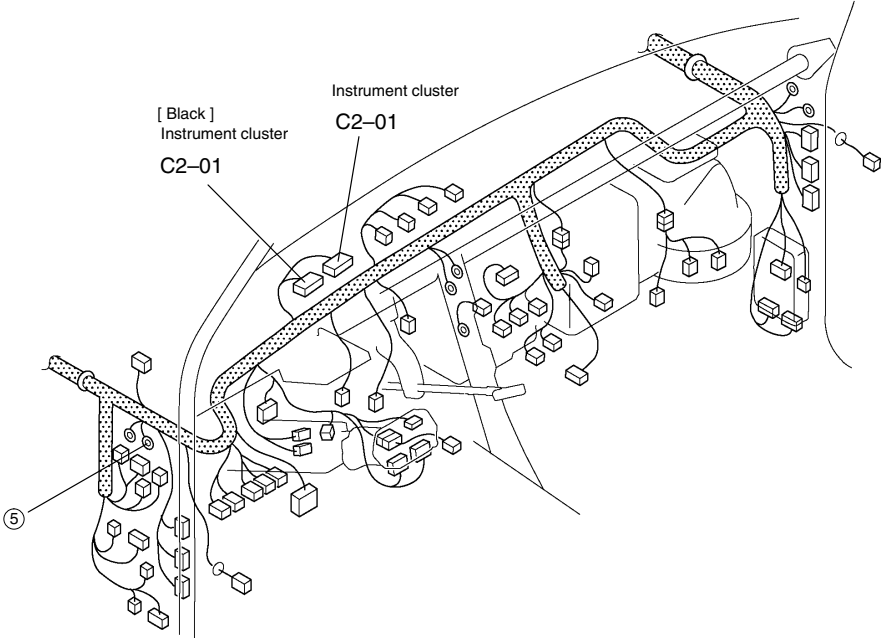
Z Wiring Diagram



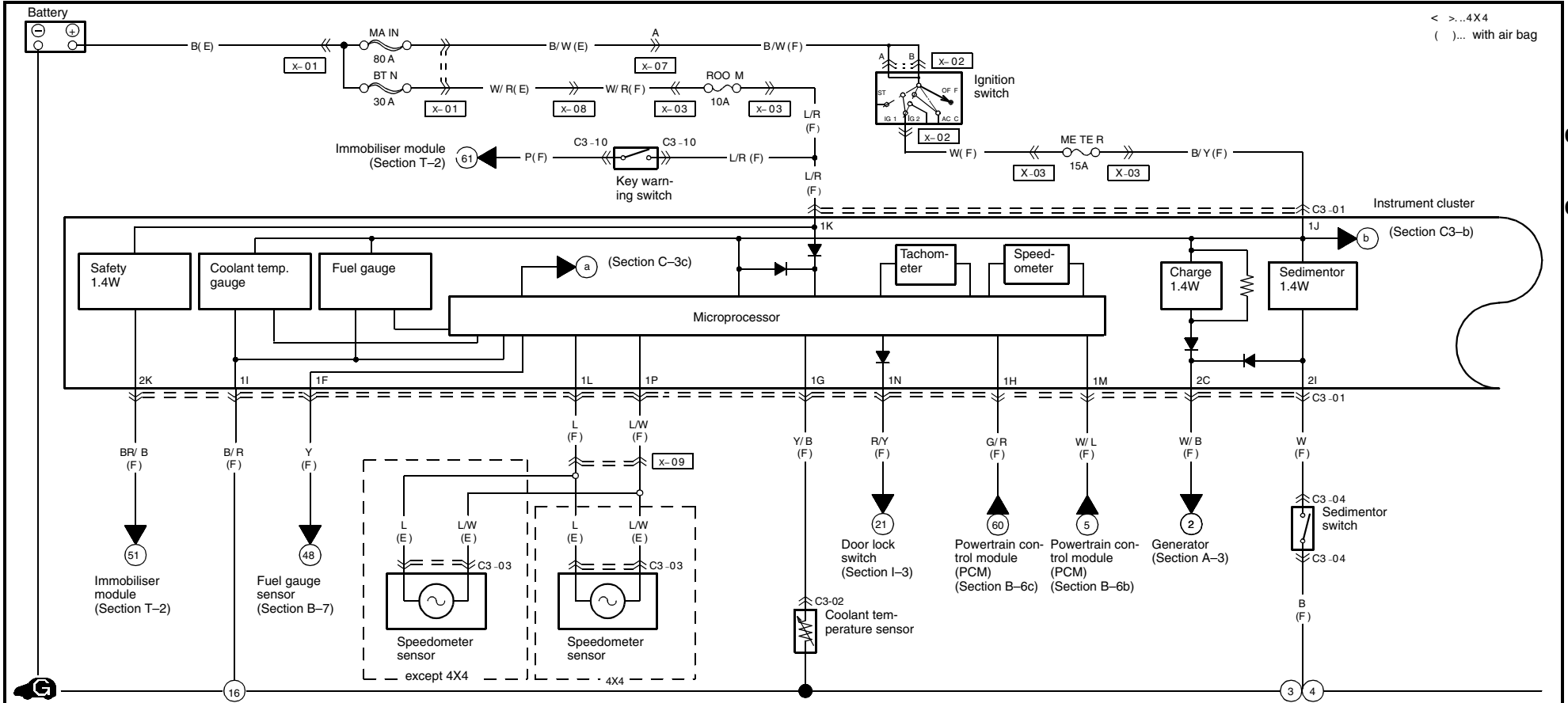
C2-01 Instrument cluster (F)

L/W	*	R/Y	O (W/L)	L	L/R	B/Y	B/O	*	Y/B	Y	R/B	B	R/G	G/B	G/W		B/L	O (R/L)	*	*	*	(Y/G)	*	*	[G/Y] (L/G/R)	*	L/Y	Y/R	W/B	*	R/W
1P	1O	1N	1M	1L	1K	1J	1I	1H (G/R)	1G	1F	1E	1D	1C	1B	1A		2N	2M (R/L)	2L	2K	2J	2I	2H (B/R)	2G (L/G/R)	2F	2E	2D	2C	2B	2A	

 (F)  (E)  (R) Harness symbol



Instrument cluster (WL-3, WLT-3, as of model year 2002)



C3-01 Instrument cluster (F)

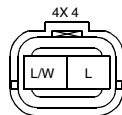
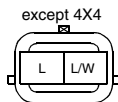
L/W	*	R/Y	W/L	L	L/R	B/Y	B/R	G/R	Y/B	Y	R/B	B	R/G	G/B	G/W										
1P	1O	1N	1M	1L	1K	1J	1I	1H	1G	1F	1E	1D	1C	1B	1A										

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

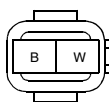
C3-02 Coolant temperature sensor (F)



C3-03 Speedometer sensor (E)

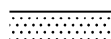


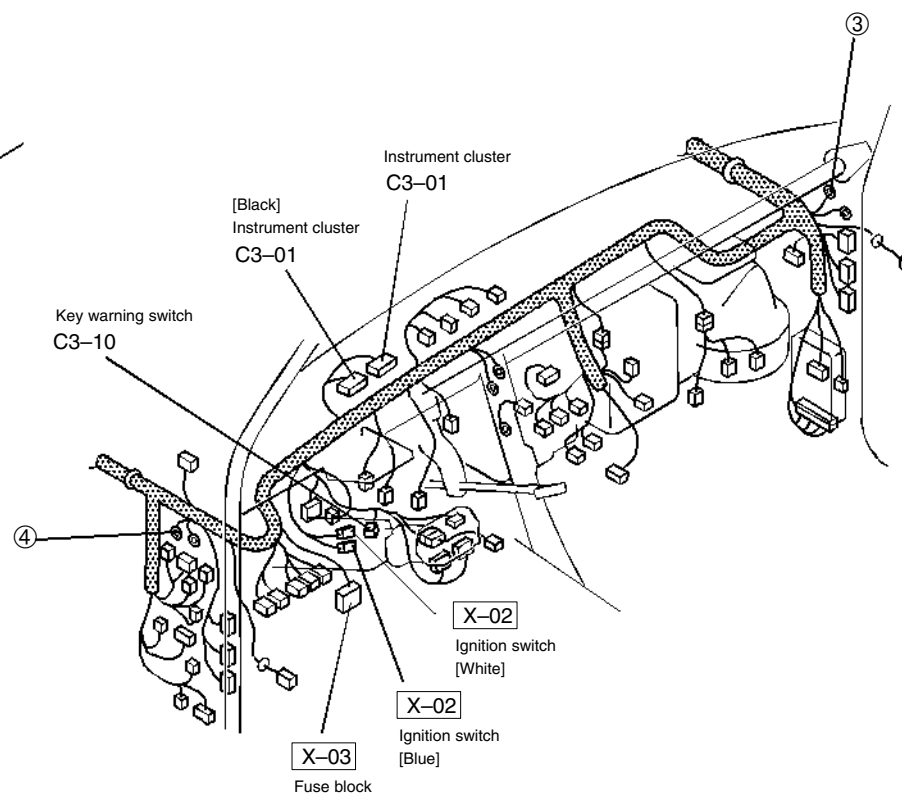
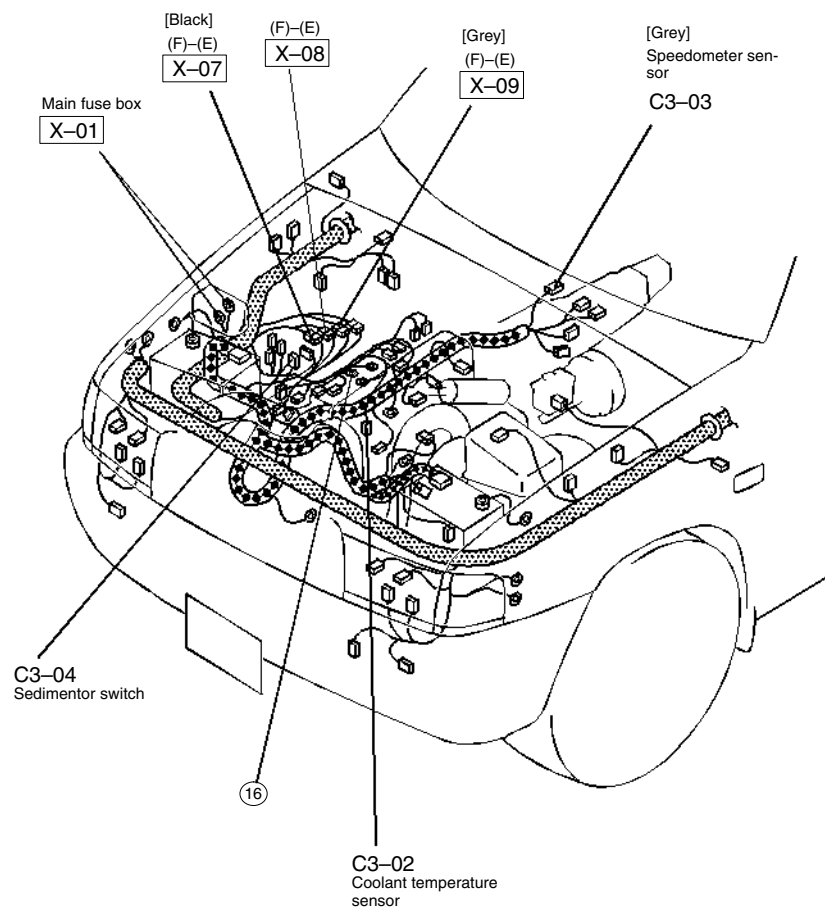
C3-04 Sedimentor switch (F)



C3-10 Key warning switch (F)



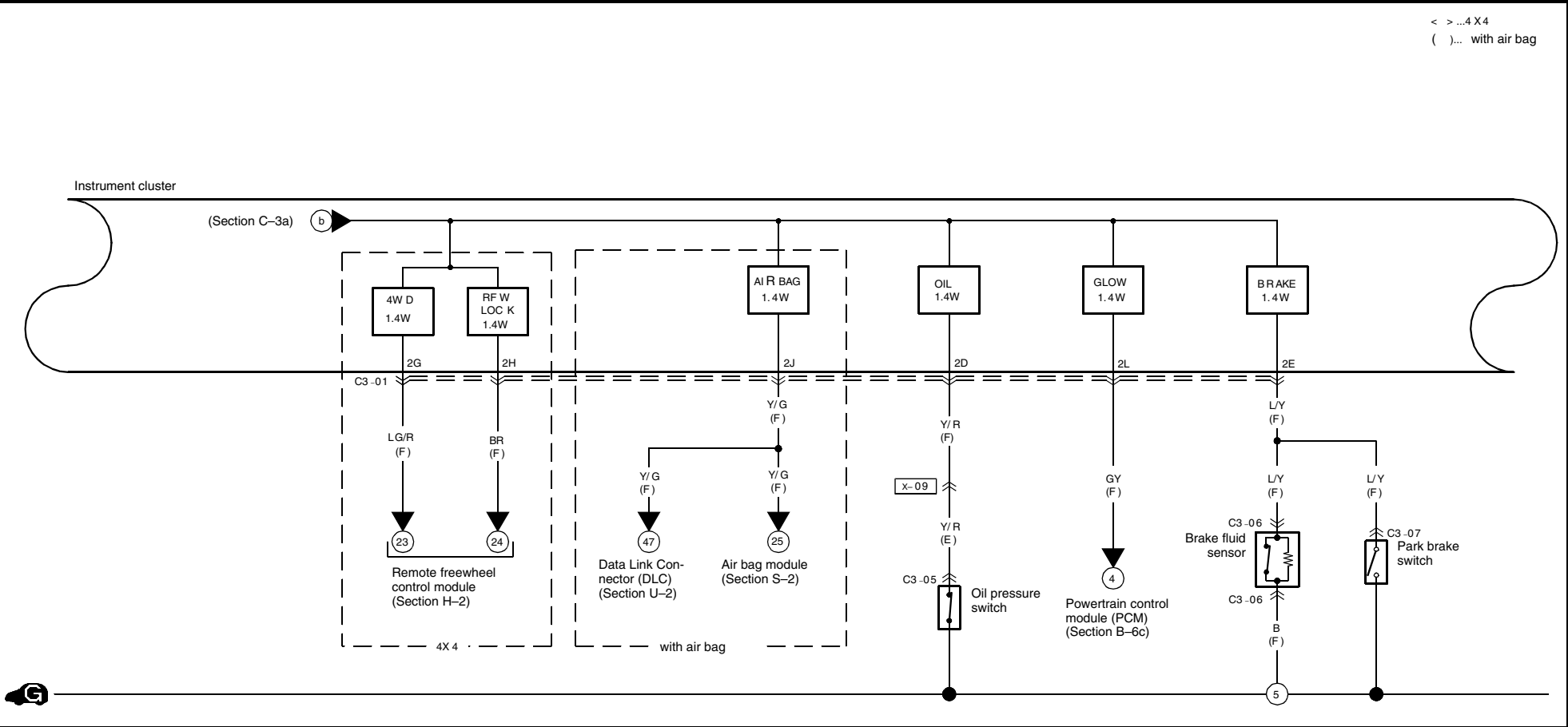
 (F)
  (E)
  (R)
 Harness symbol



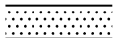
Instrument cluster (WL-3, WLT-3, as of model year 2002)

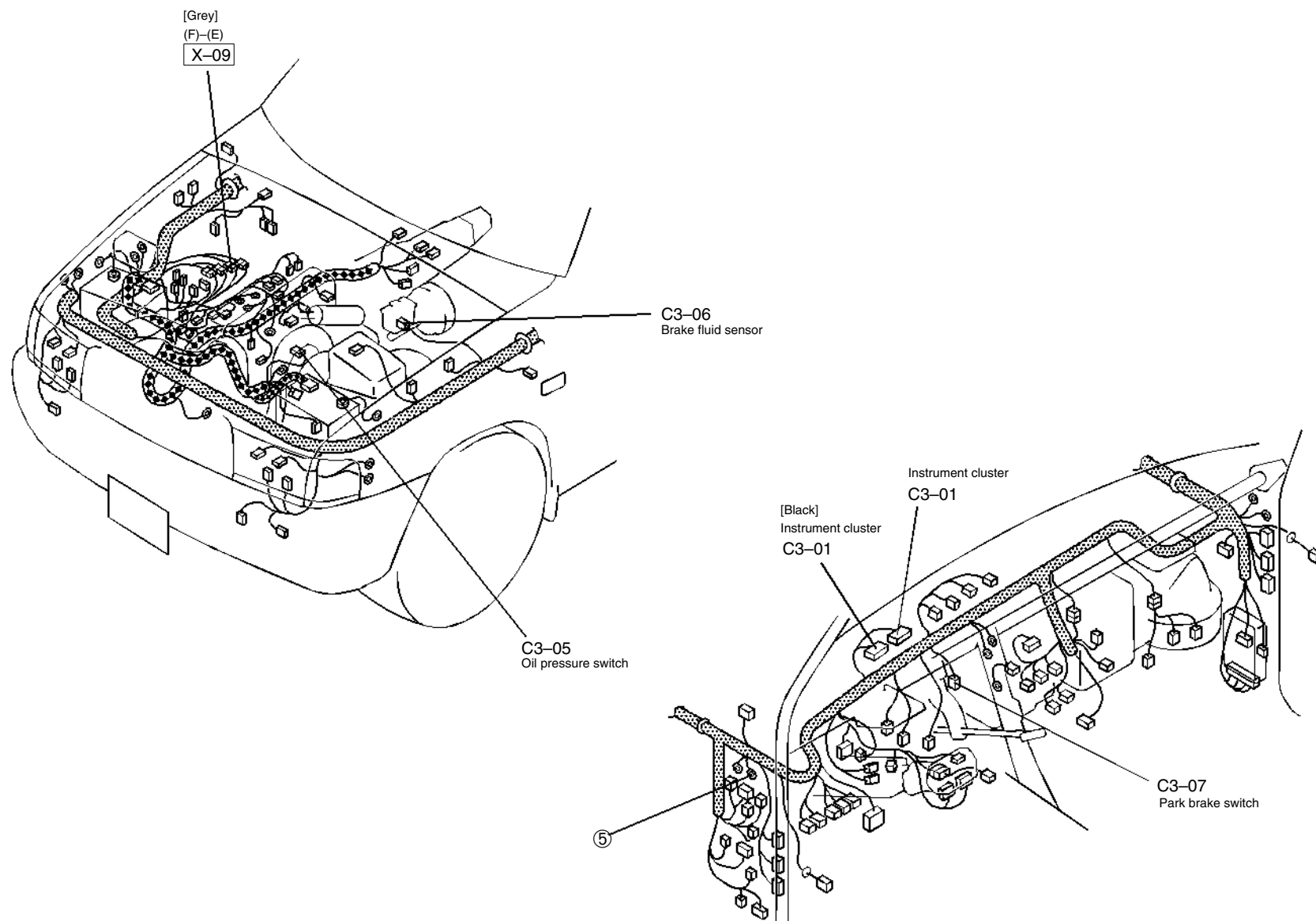
C-3b

Z Wiring Diagram



C3-01 Instrument cluster (F)																C3-05 Oil pressure switch (E)													
C3-06 Brake fluid sensor (F)																C3-07 Park brake switch (F)													

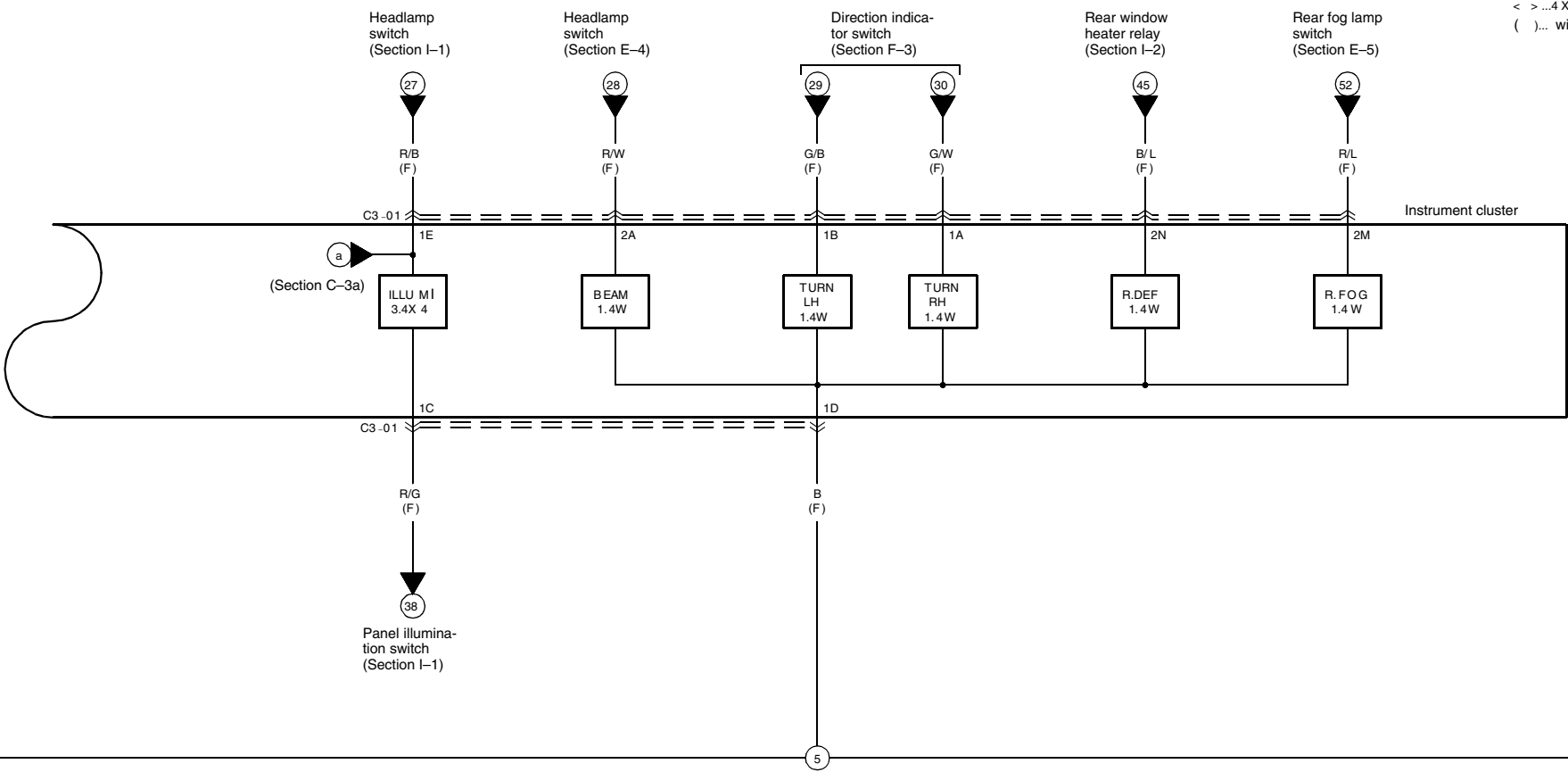
 (F)
  (E)
  (R)
 Harness symbol



Instrument cluster (WL-3, WLT-3, as of model year 2002)

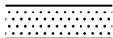
C-3c

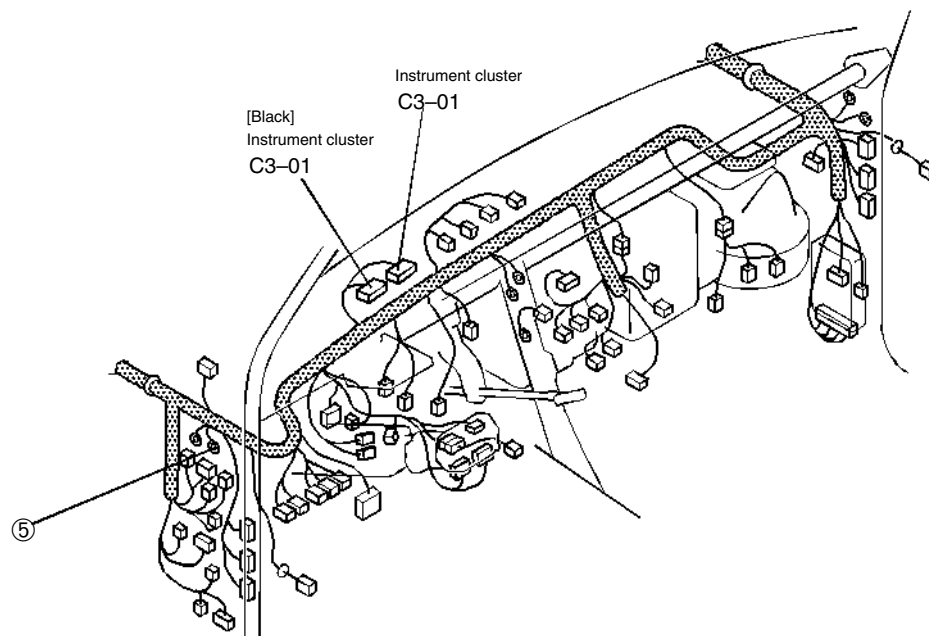
Wiring Diagram



C3-01 Instrument cluster (F)

L/W	*	R/Y	W/L	L	L/R	B/Y	B/R	G/R	Y/B	Y	R/B	B	R/G	G/B	G/W	B/L	R/L	GY	BR/ B	*	(Y/G)	W	*	<B R>	*	<L G R>	*	L/Y	Y/R	W/B	*	R/W		
1P	1O	1N	1M	1L	1K	1J	1I	1H	1G	1F	1E	1D	1C	1B	1A	2N	2M	2L	2K	2J	2I	2H	2G	2F	2E	2D	2C	2B	2A					

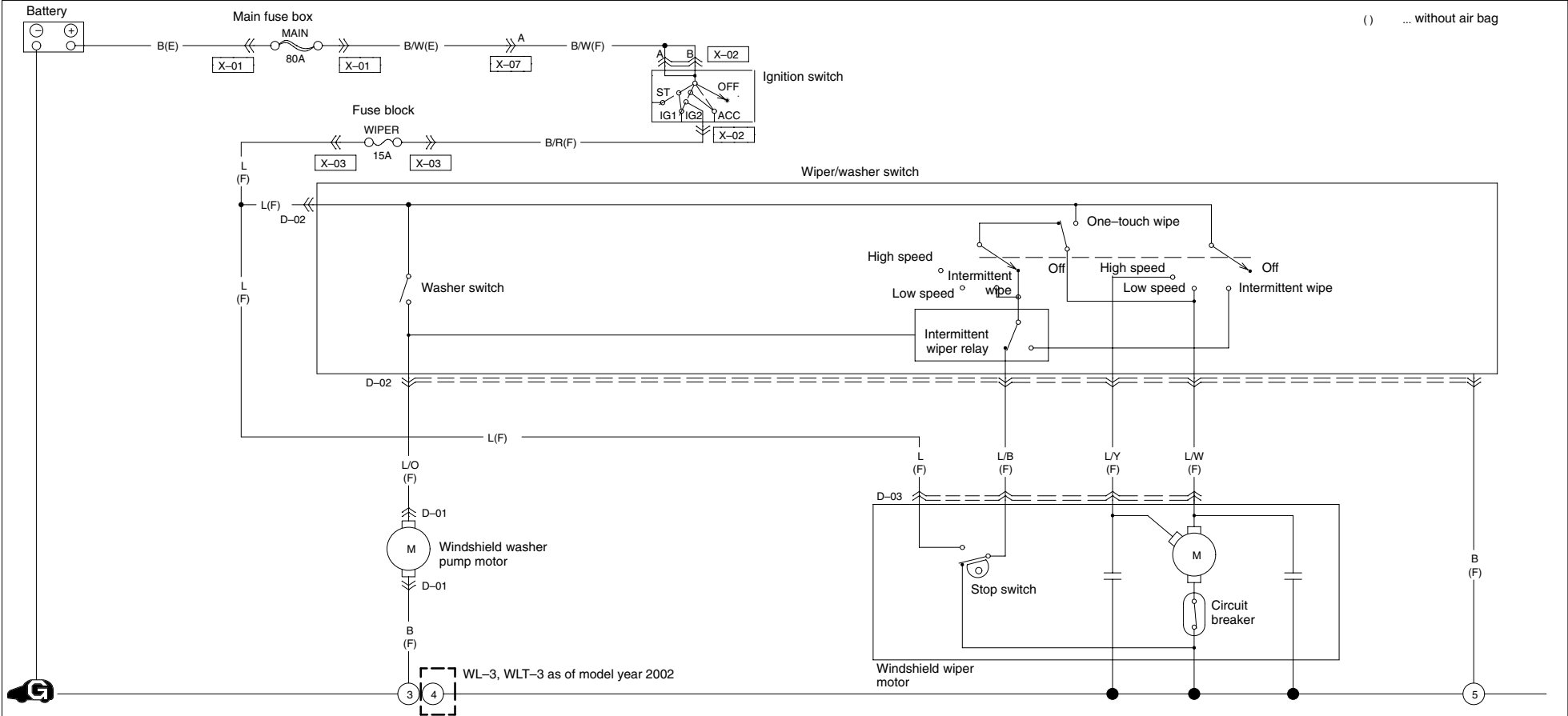
 (F)
  (E)
  (R)
 Harness symbol



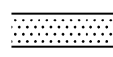
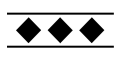
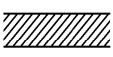
Windshield Wiper/Washer

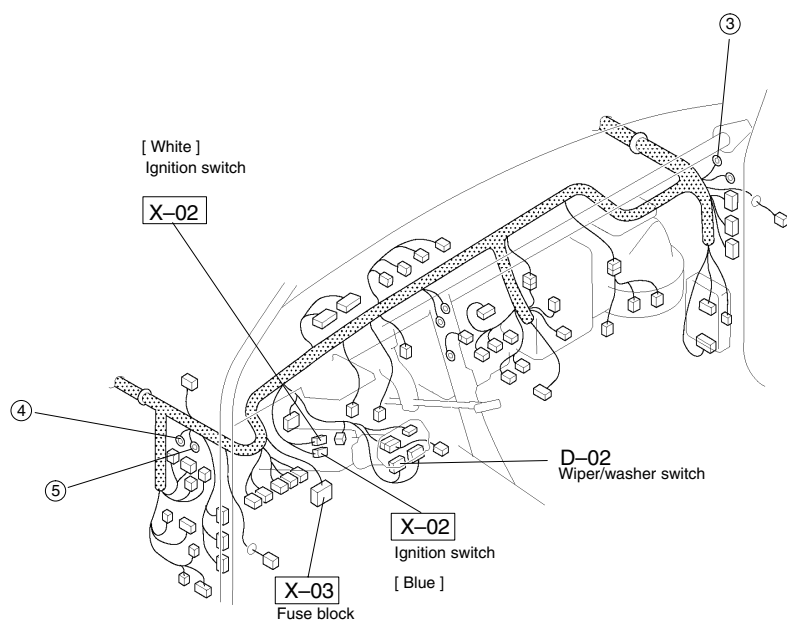
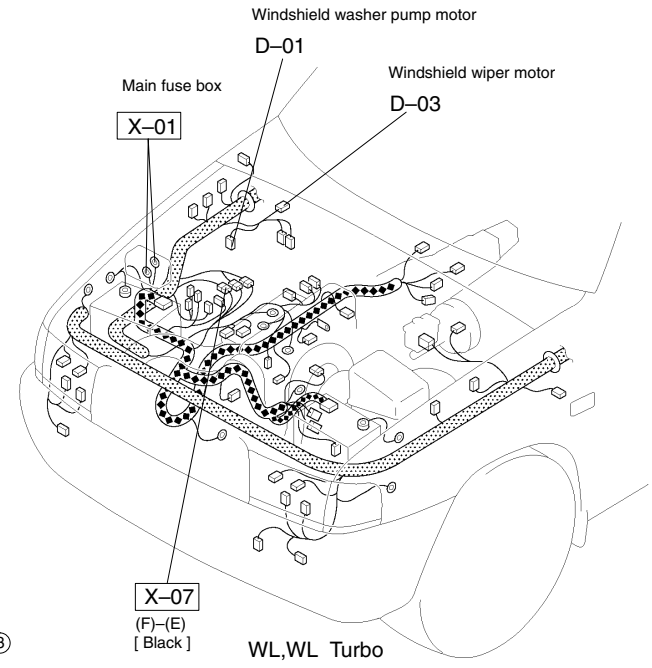
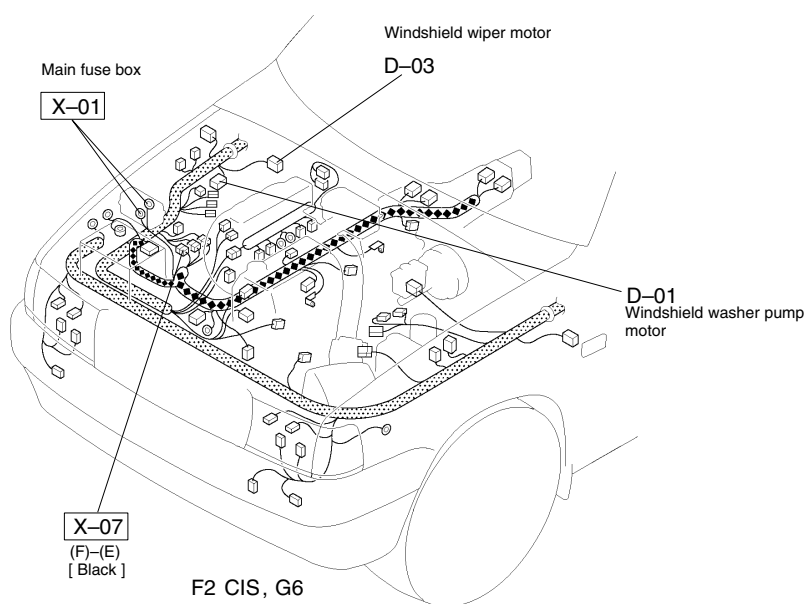
D

Wiring Diagram



D-01 Windshield washer pump motor (F) B L/O	D-02 Wiper/washer switch (F) <table><tr><td>* (G/R)</td><td>L/Y</td><td> </td><td>L/W</td><td>*</td><td>L/O</td><td>*</td></tr><tr><td>*</td><td>L</td><td>L/B</td><td>*</td><td>B</td><td>*</td><td>*</td></tr></table>	* (G/R)	L/Y		L/W	*	L/O	*	*	L	L/B	*	B	*	*	D-03 Windshield wiper motor (F) L/W L/Y L L/B		
* (G/R)	L/Y		L/W	*	L/O	*												
*	L	L/B	*	B	*	*												

 (F)  (E)  (R) **Harness symbol**



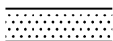
The diagram illustrates the electrical circuit for the vehicle's lighting system. It begins with the **Battery** (negative and positive terminals) connected to the **Main fuse box**. The main fuse box contains two 30A fuses: **BTN** (for the battery terminal) and **HEAD** (for the headlamps). The circuit then passes through a **Fuse block** containing a 10A **TAIL** fuse. The wiring is organized into several sections, each identified by a code in a box: **X-01** (Main fuse box), **X-03** (Fuse block), and **X-08** (Headlamp switch).

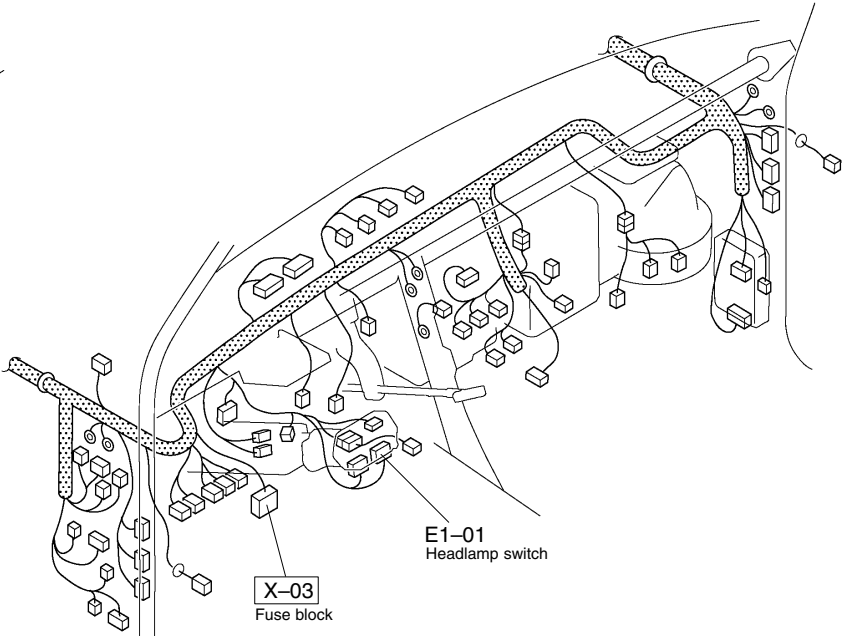
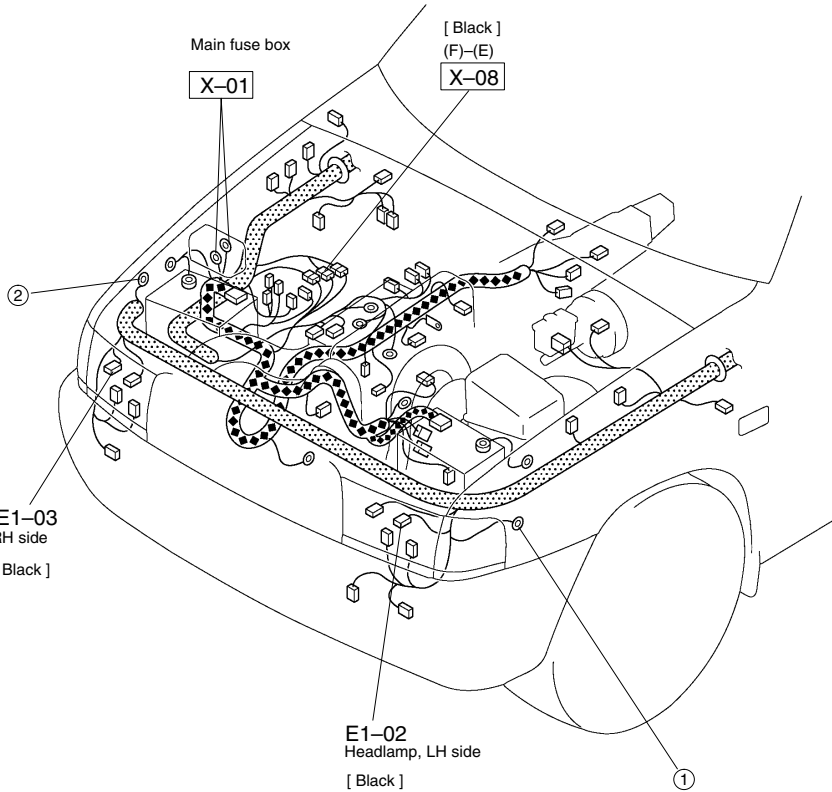
The **Headlamp switch** (E1-01) is a multi-position switch that controls the following components:

- Light switch**: Controls the **Head-lamps** (High beam and Low beam) and the **Dimmer switch**.
- Headlamp flasher**: Controls the **High beam** and **Low beam**.
- Instrument cluster** (Section C-1c, 2c): Receives power from the **R/W (F)** and **R/L (F)** lines.
- Headlamp, LH side** (E1-02): A 60/55W lamp.
- Headlamp, RH side** (E1-03): A 60/55W lamp.

The **Instrument cluster** (Section C-1c, 2c) is connected to the **R/W (F)** and **R/L (F)** lines. The **Headlamp, LH side** (E1-02) and **Headlamp, RH side** (E1-03) are connected to the **R/W (F)** and **R/L (F)** lines. The **Headlamp, LH side** is also connected to the **B (F)** line. The **Headlamp, RH side** is connected to the **B (F)** line. The **Instrument cluster** is connected to the **R/W (F)** and **R/L (F)** lines. The **Headlamp, LH side** is connected to the **R/W (F)** and **R/L (F)** lines. The **Headlamp, RH side** is connected to the **R/W (F)** and **R/L (F)** lines.

E1-01 Headlamp switch (F)		E1-02 Headlamp, LH side (F)		E1-03 Headlamp, RH side (F)			

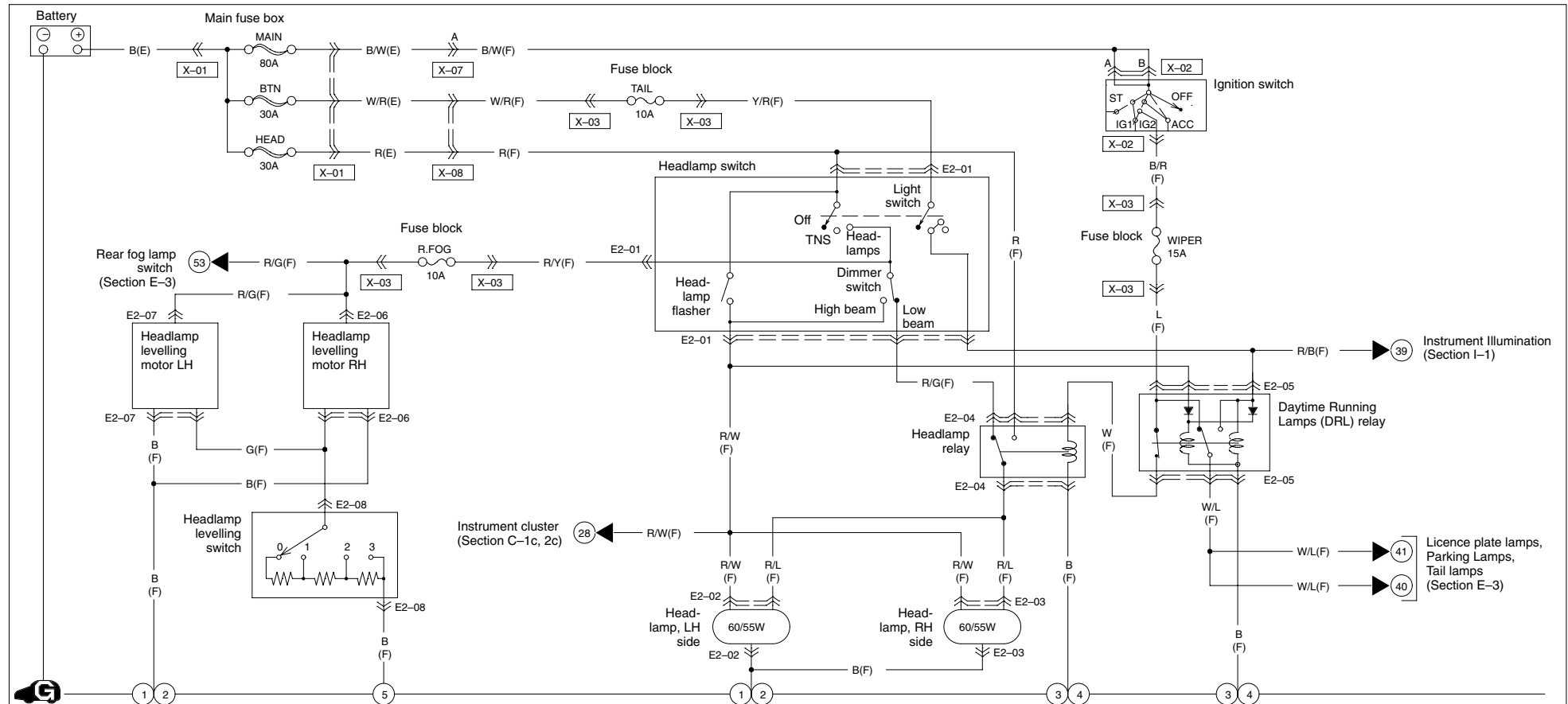
 (F)  (E)  (R) **Harness symbol**



Headlamps (with daytime running lamps / with headlamp levelling, before model year 2002)

E-2

Wiring Diagram

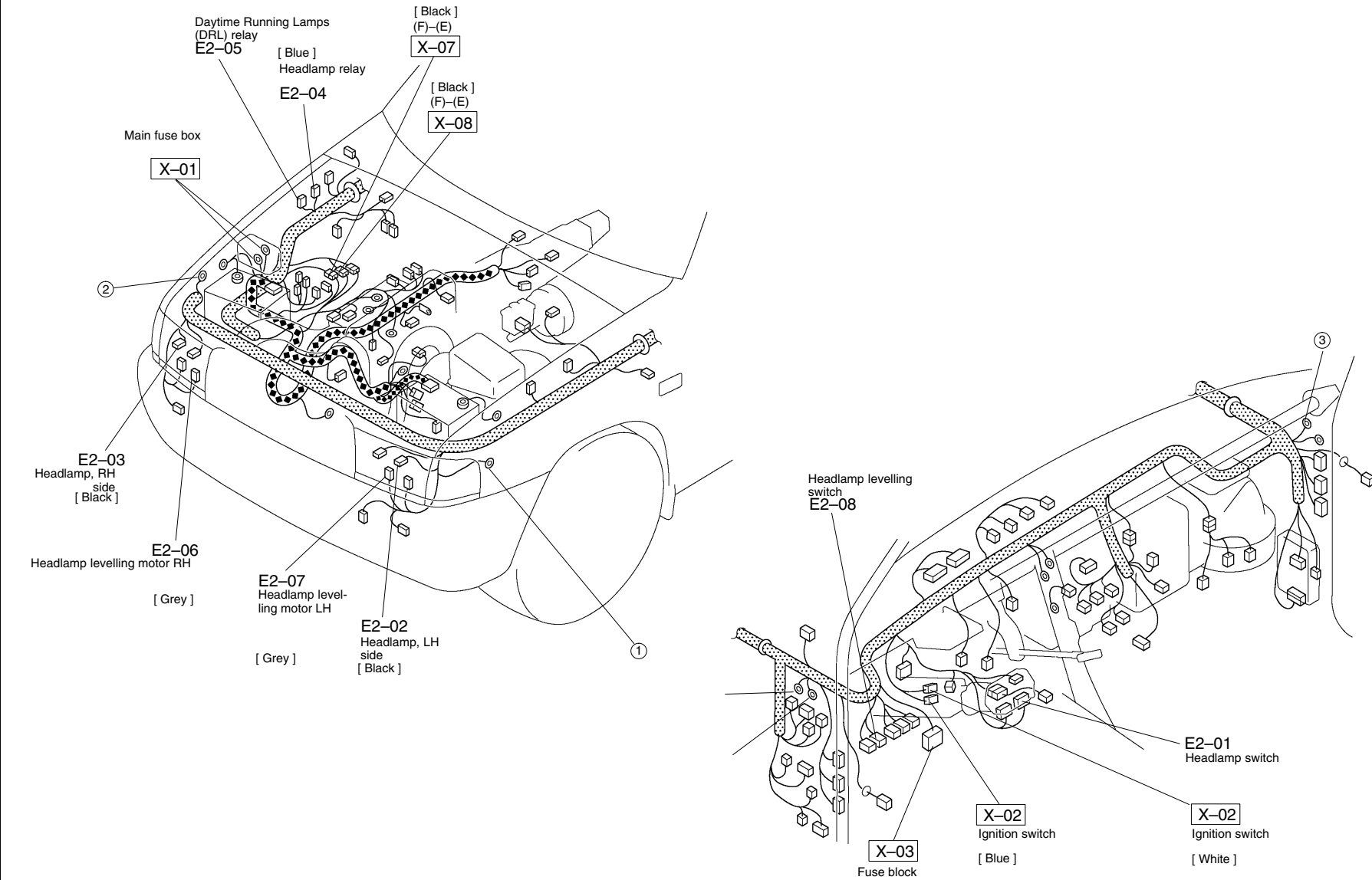


E2-01 Headlamp switch (F)	E2-02 Headlamp, LH side (F)	E2-03 Headlamp, RH side (F)	E2-04 Headlamp relay (F)																																			
<table><tr><td>*</td><td>*</td><td>*</td><td></td><td>G/W</td><td>G/O</td><td>G/B</td></tr><tr><td>R/B</td><td>R/Y</td><td>R/G</td><td>*</td><td>R/W</td><td>R</td><td>Y/R</td><td>*</td></tr></table>	*	*	*		G/W	G/O	G/B	R/B	R/Y	R/G	*	R/W	R	Y/R	*	<table><tr><td></td><td>R/L</td><td></td></tr><tr><td>B</td><td></td><td>R/W</td></tr></table>		R/L		B		R/W	<table><tr><td></td><td>R/L</td><td></td></tr><tr><td>B</td><td></td><td>R/W</td></tr></table>		R/L		B		R/W	<table><tr><td></td><td>R</td><td>R/L</td><td>W</td></tr><tr><td>R/G</td><td>*</td><td></td><td>B</td></tr></table>		R	R/L	W	R/G	*		B
*	*	*		G/W	G/O	G/B																																
R/B	R/Y	R/G	*	R/W	R	Y/R	*																															
	R/L																																					
B		R/W																																				
	R/L																																					
B		R/W																																				
	R	R/L	W																																			
R/G	*		B																																			
E2-05 Daytime Running Lamps (DRL) relay (F)	E2-06 Headlamp levelling motor RH (F)	E2-07 Headlamp levelling motor LH (F)																																				
<table><tr><td>W/L</td><td>R/W</td><td>R/B</td></tr><tr><td>W</td><td>B</td><td>L</td></tr></table>	W/L	R/W	R/B	W	B	L	<table><tr><td>B</td><td>G</td><td>R/G</td></tr></table>	B	G	R/G	<table><tr><td>B</td><td>G</td><td>R/G</td></tr></table>	B	G	R/G																								
W/L	R/W	R/B																																				
W	B	L																																				
B	G	R/G																																				
B	G	R/G																																				
E2-08 Headlamp levelling switch (F)																																						
<table><tr><td>*</td><td></td><td></td><td>G</td><td>*</td></tr><tr><td>*</td><td>*</td><td>*</td><td>B</td><td>*</td></tr></table>	*			G	*	*	*	*	B	*																												
*			G	*																																		
*	*	*	B	*																																		

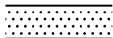
Z-79

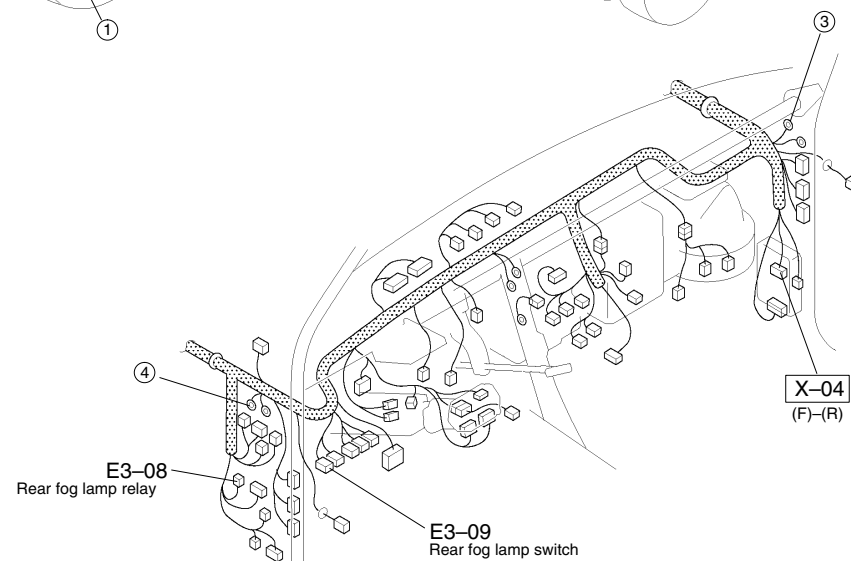
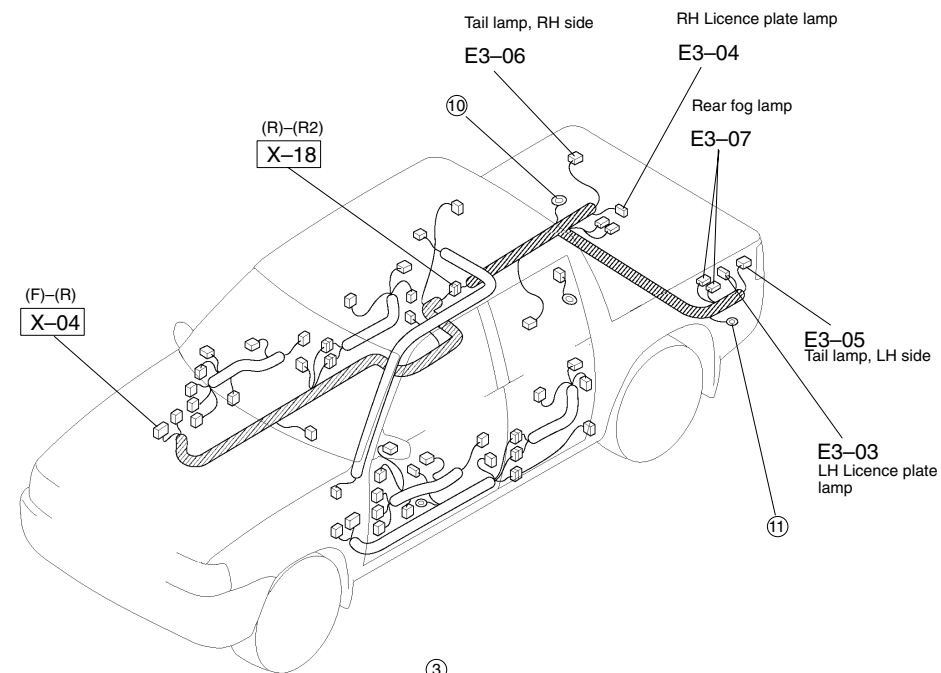
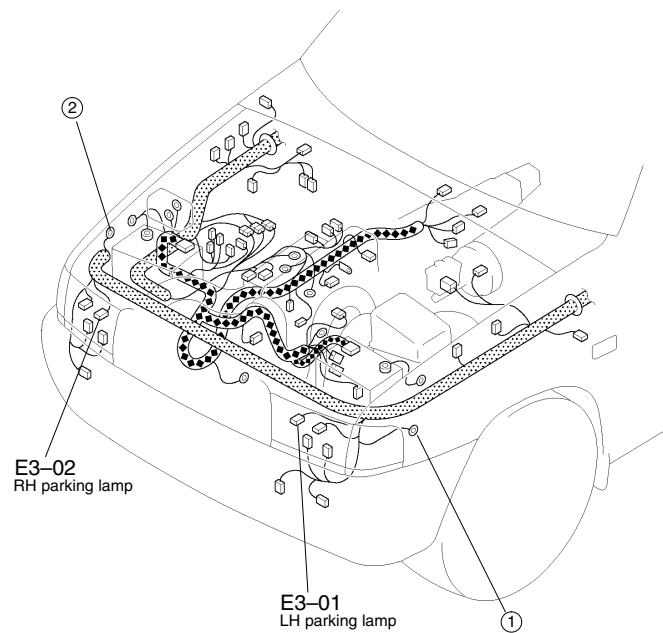
(F) (E) (R) Harness symbol

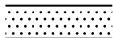
08-Z

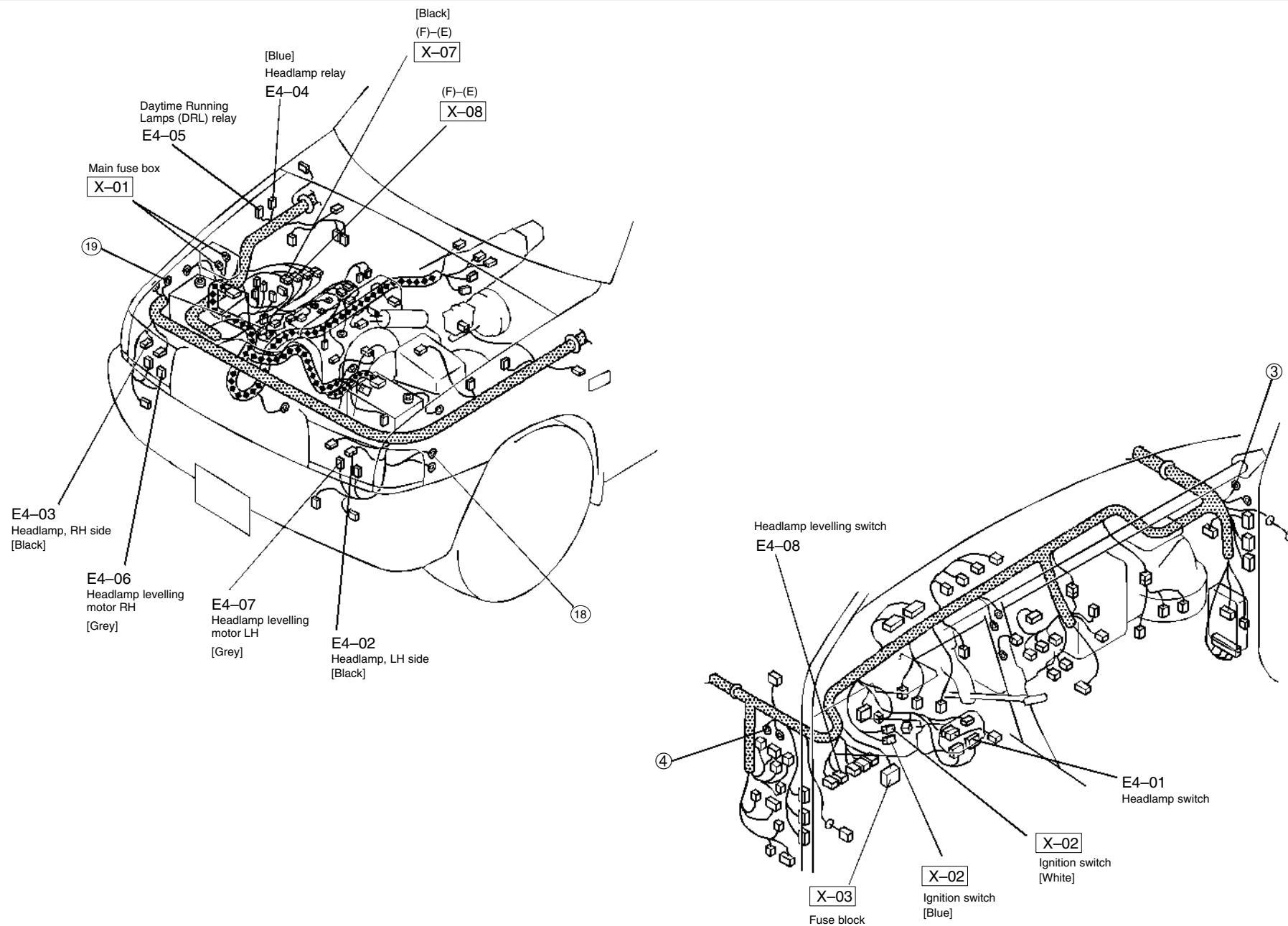


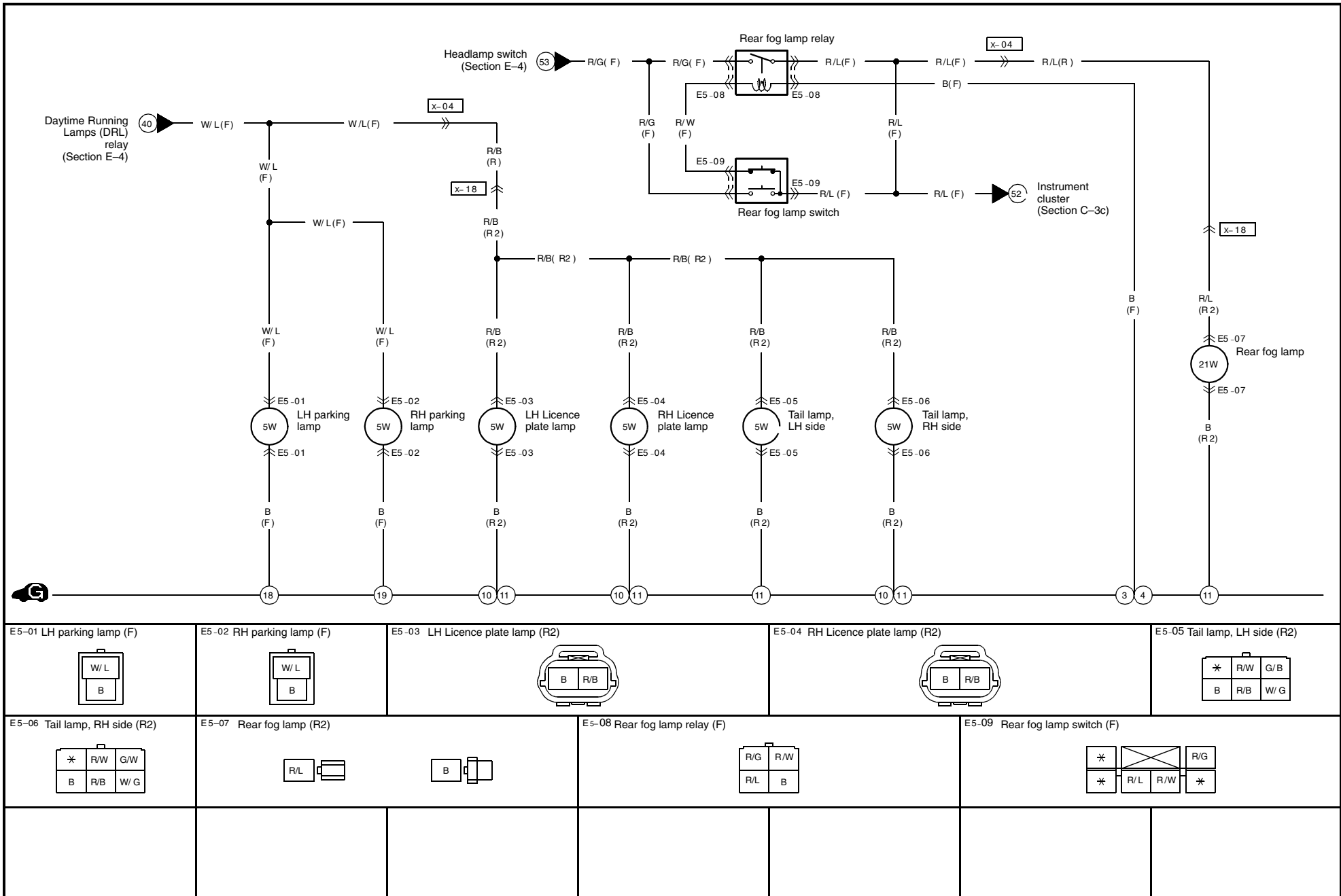


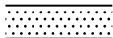
 (F)
  (E)
  (R)
 Harness symbol

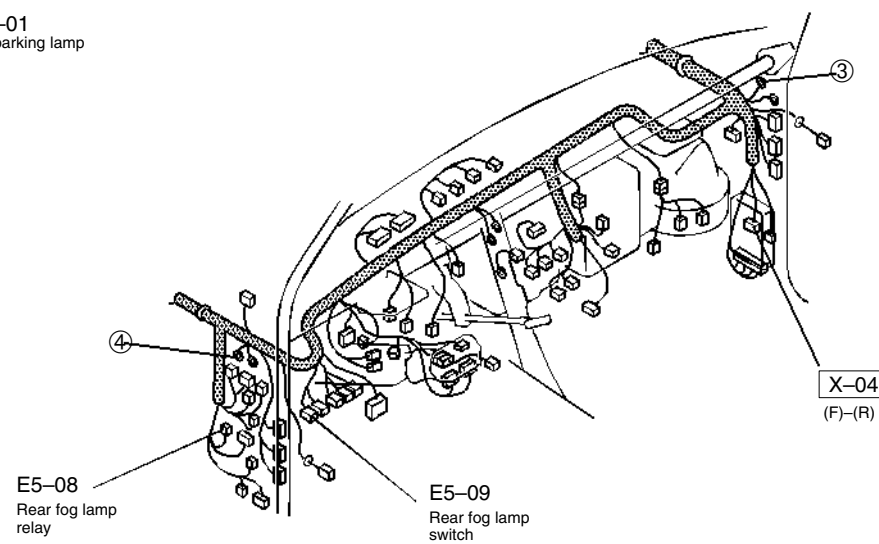
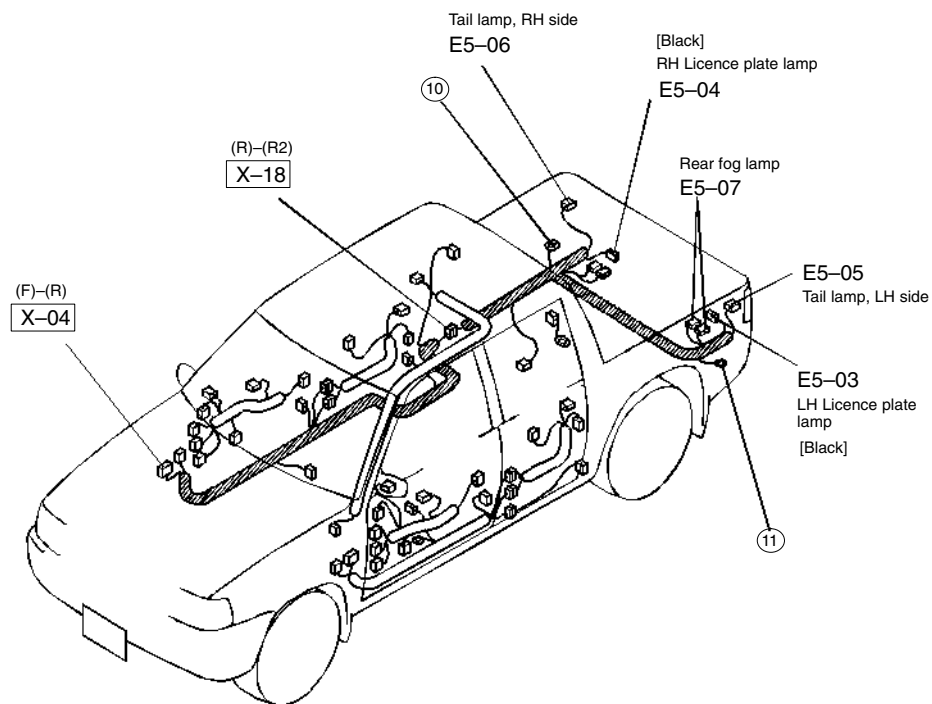
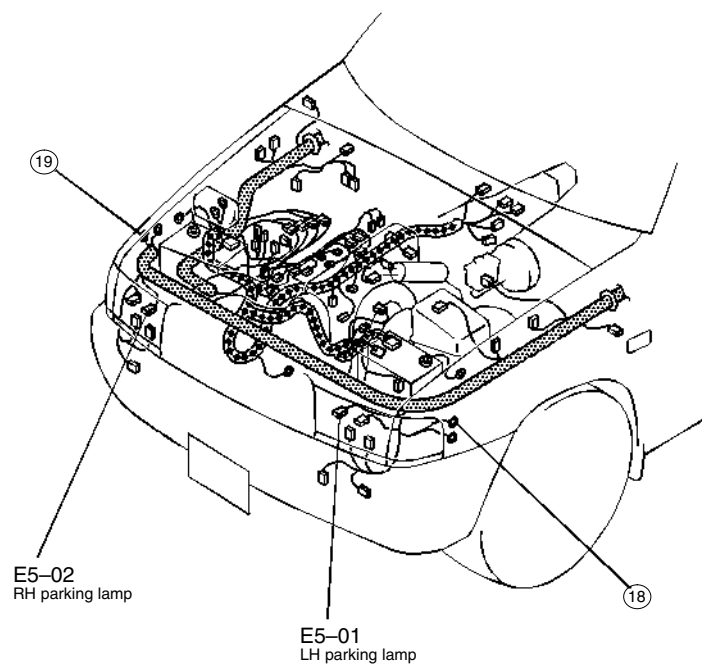


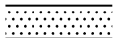
 (F)
  (E)
  (R)
 Harness symbol

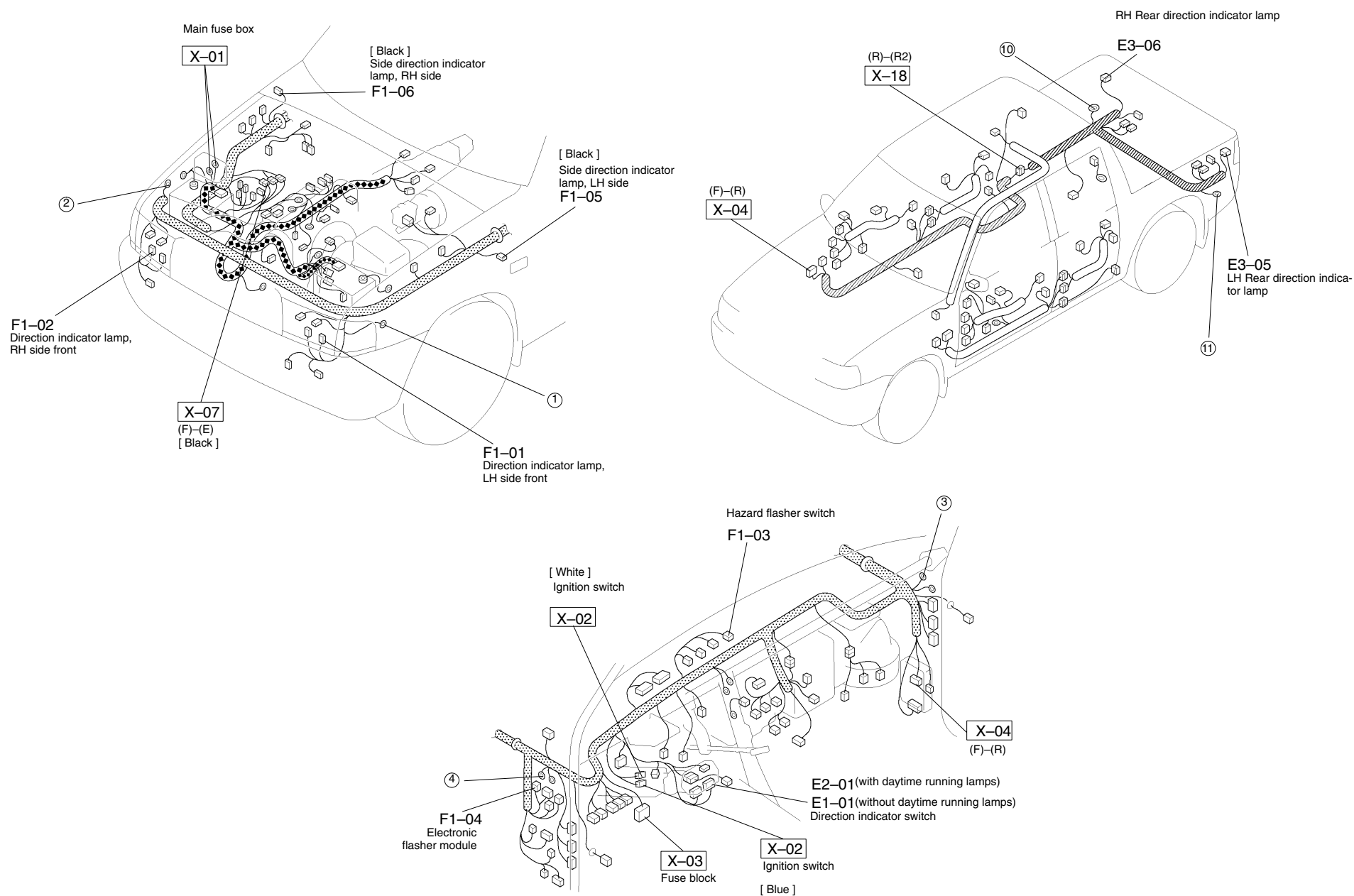




 (F)
  (E)
  (R)
 Harness symbol



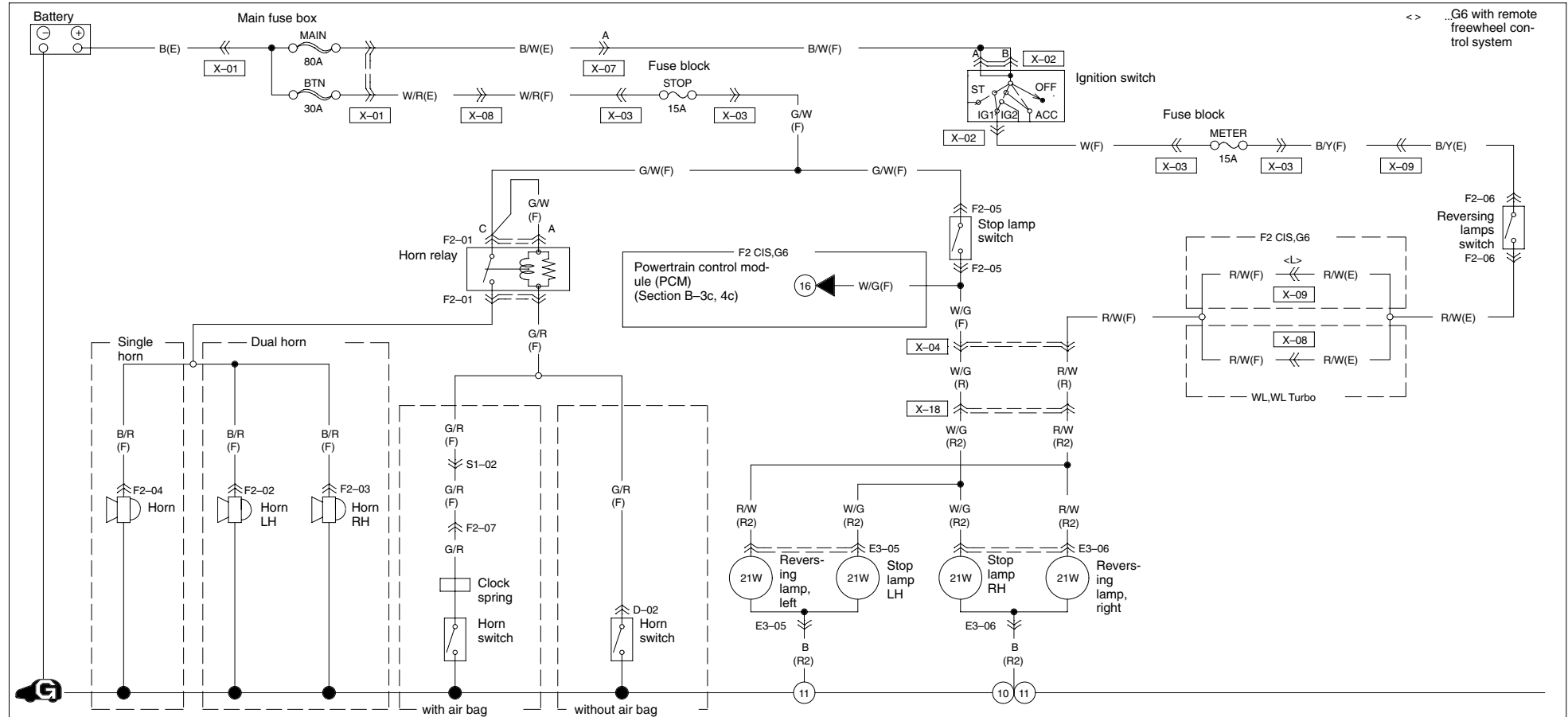
 (F)
  (E)
  (R)
 Harness symbol



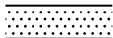
Reversing Lamps / Stop Lamps / Horns (before model year 2002)

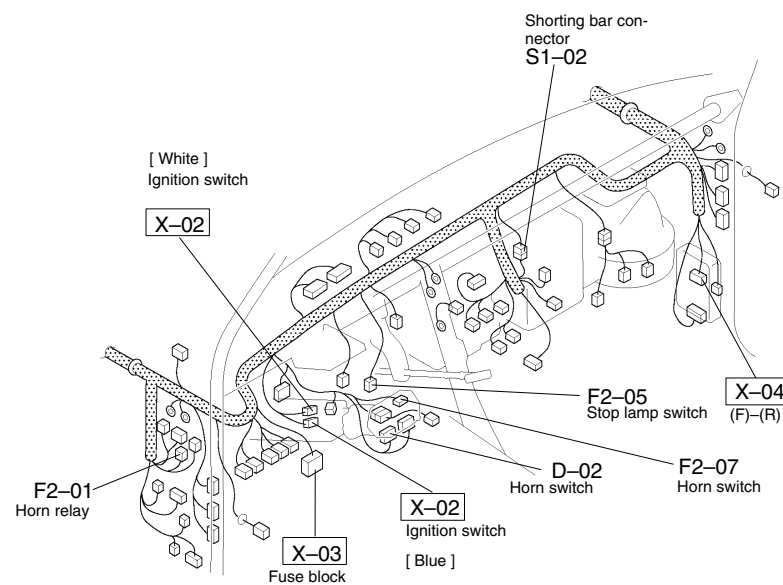
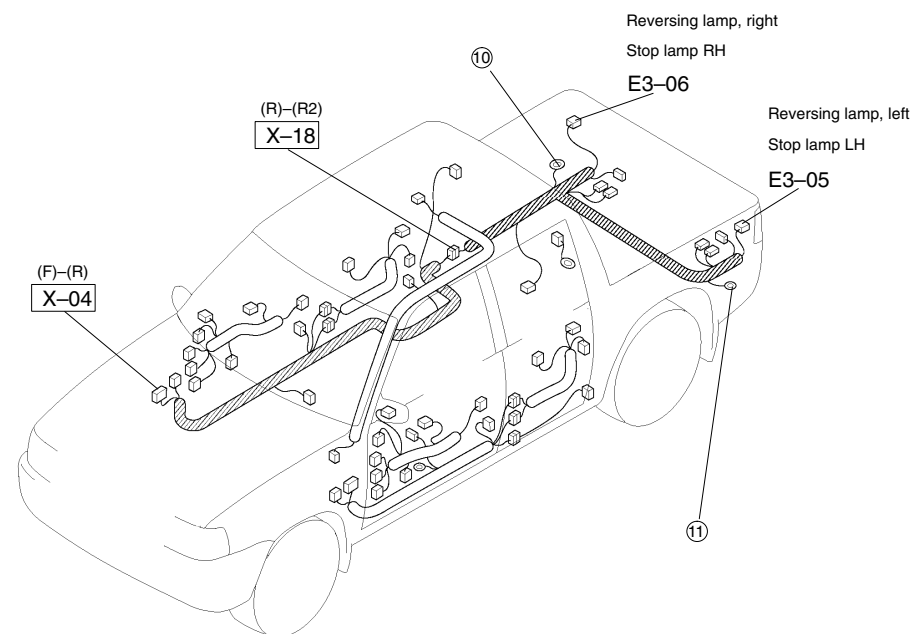
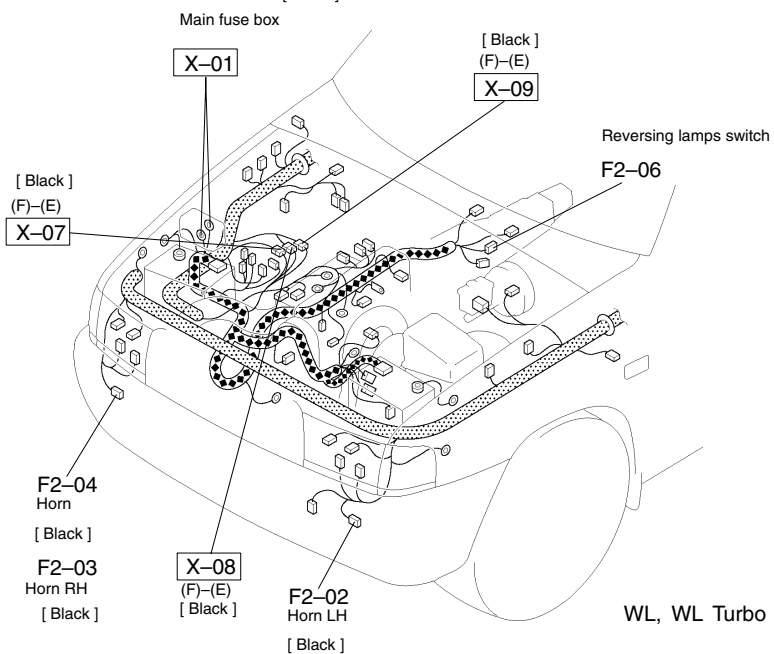
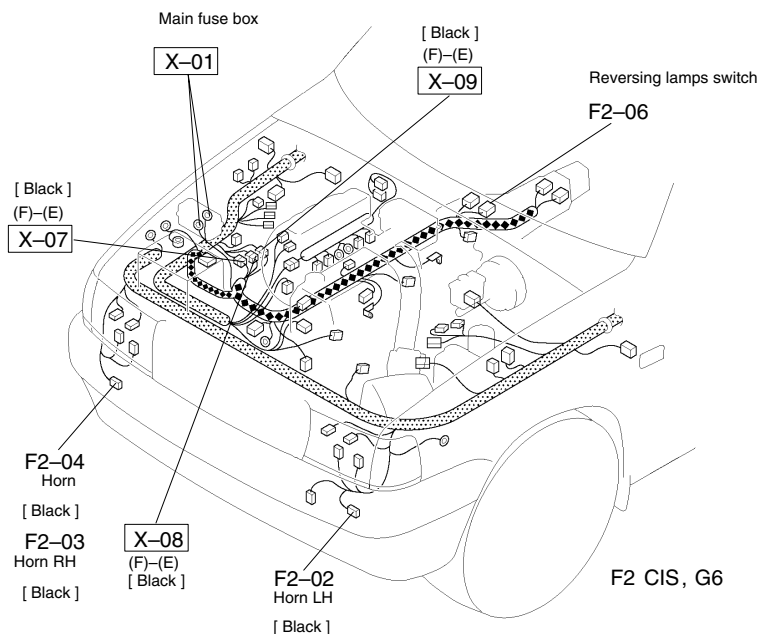
F-2

Wiring Diagram

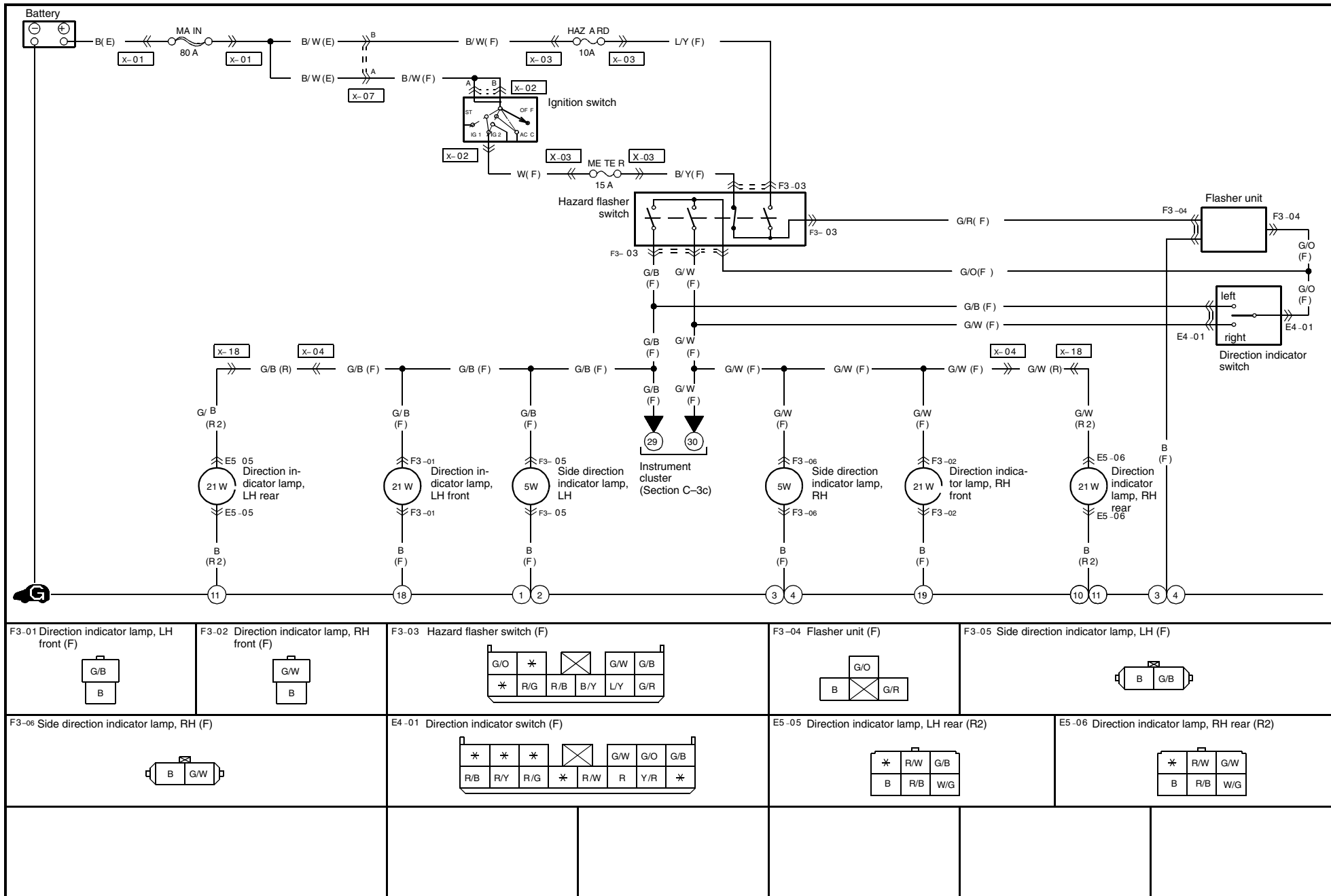


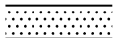
F2-01 Horn relay (F)	F2-02 Horn LH (F)	F2-03 Horn RH (F)	F2-04 Horn (F)	F2-05 Stop lamp switch (F)	F2-06 Reversing lamps switch (E)	F2-07 Horn switch (F) (with air bag) (Clock spring)
D-02 Horn switch (F) (without air bag)	E3-05 Reversing lamp, left / Stop lamp LH (R2)	E3-06 Reversing lamp, right / Stop lamp RH (R2)	S1-02 Shorting bar connector (F)	Y/G R/G B/W B/Y G/R *		

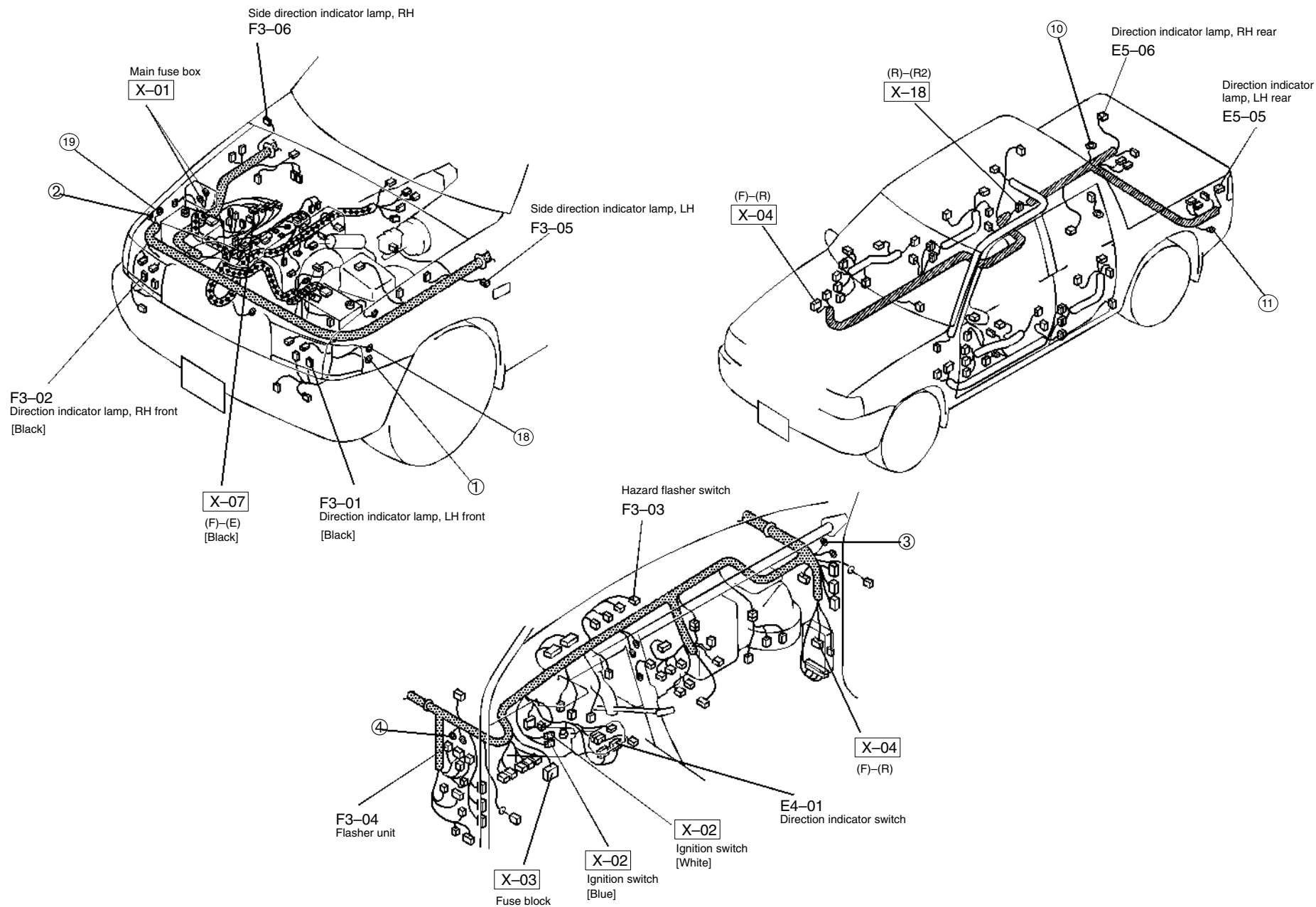
 (F)
  (E)
  (R)
 Harness symbol



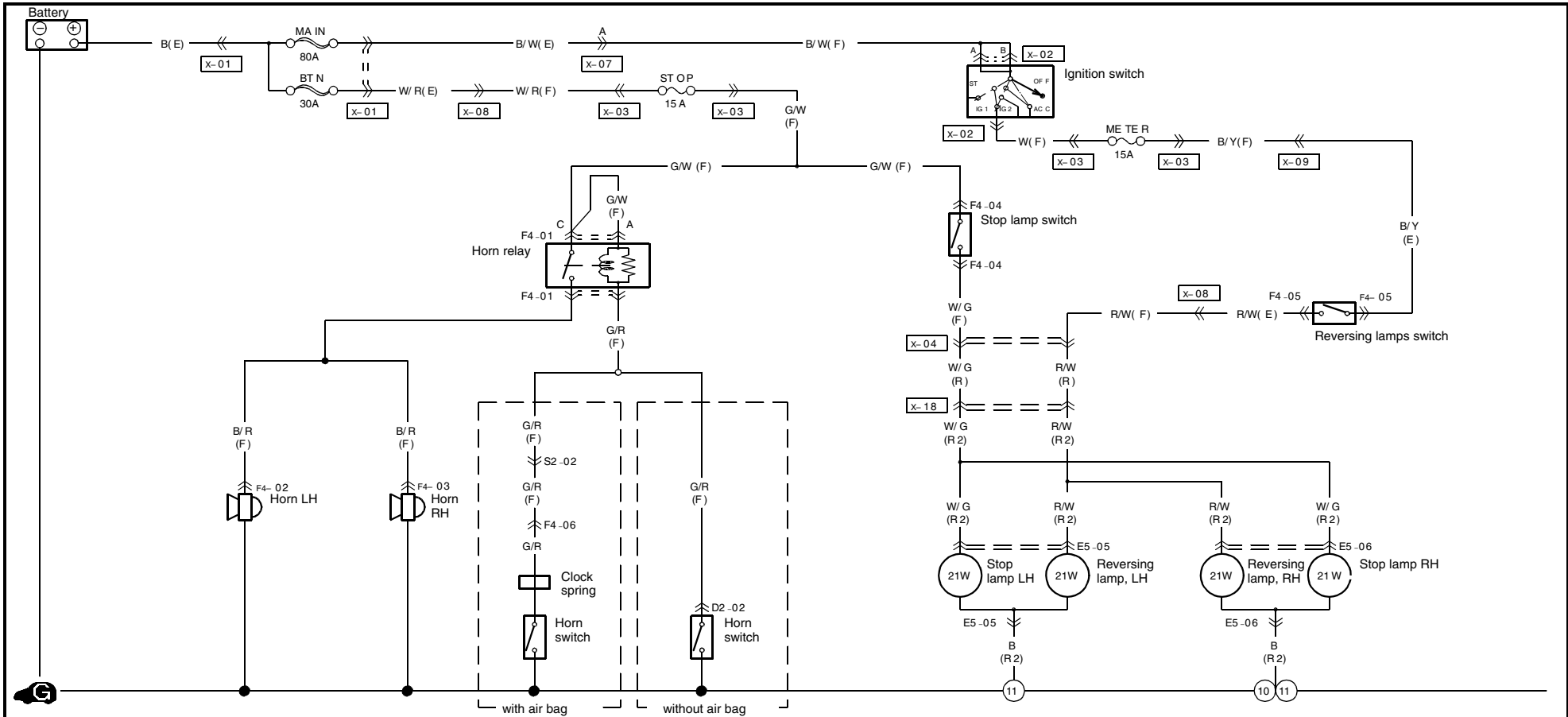
Turn Signal and Hazard Lamps (WL-3, WLT-3, as of model year 2002)



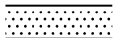
 (F)
  (E)
  (R)
 Harness symbol

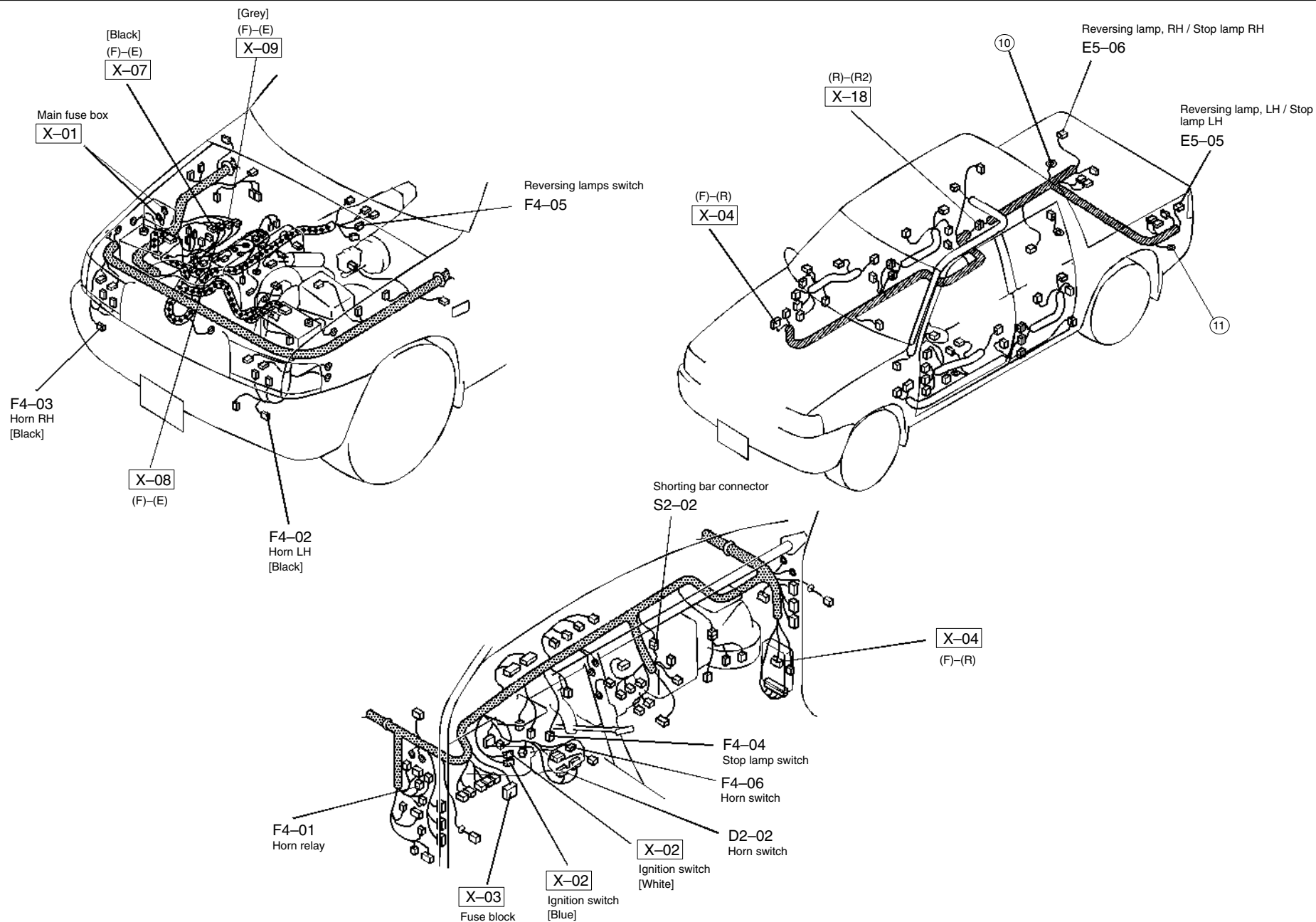


Reversing lamps / Stop Lamps / Horns (WL-3, WLT-3, as of model year 2002)



F4-01 Horn relay (F) 	F4-02 Horn LH (F) 	F4-03 Horn RH (F) 	F4-04 Stop lamp switch (F) 	F4-05 Reversing lamps switch (E) 	F4-06 Horn switch (F) (with air bag) (Clock spring) 	
D2-02 Horn switch (F) (without air bag) 	E5-05 Reversing lamp, LH / Stop lamp LH (R2) 	E5-06 Reversing lamp, RH / Stop lamp RH (R2) 	S2-02 Shorting bar connector (F) 	S2-02 Shorting bar connector (F) 		

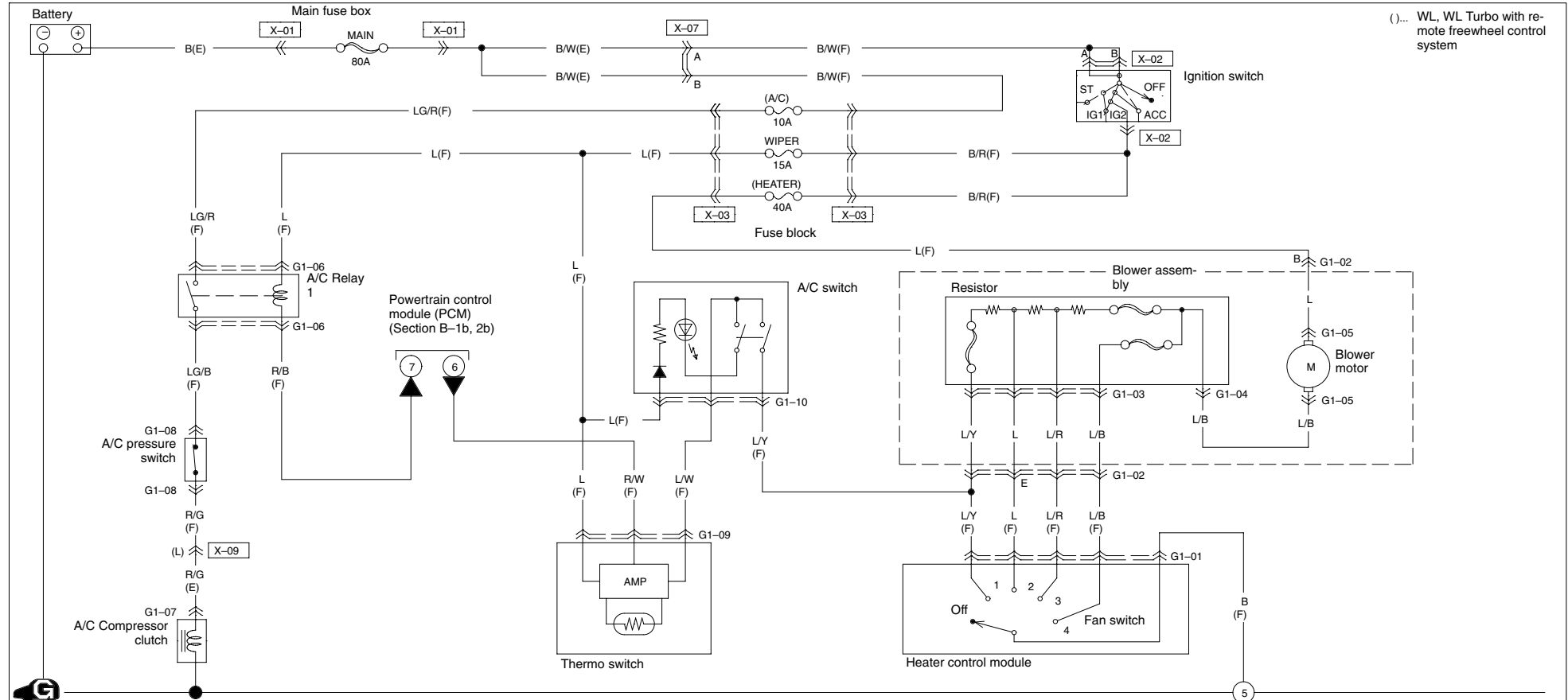
 (F)
  (E)
  (R)
 Harness symbol



Heating / Air conditioning (WL, WL Turbo, before model year 2002)

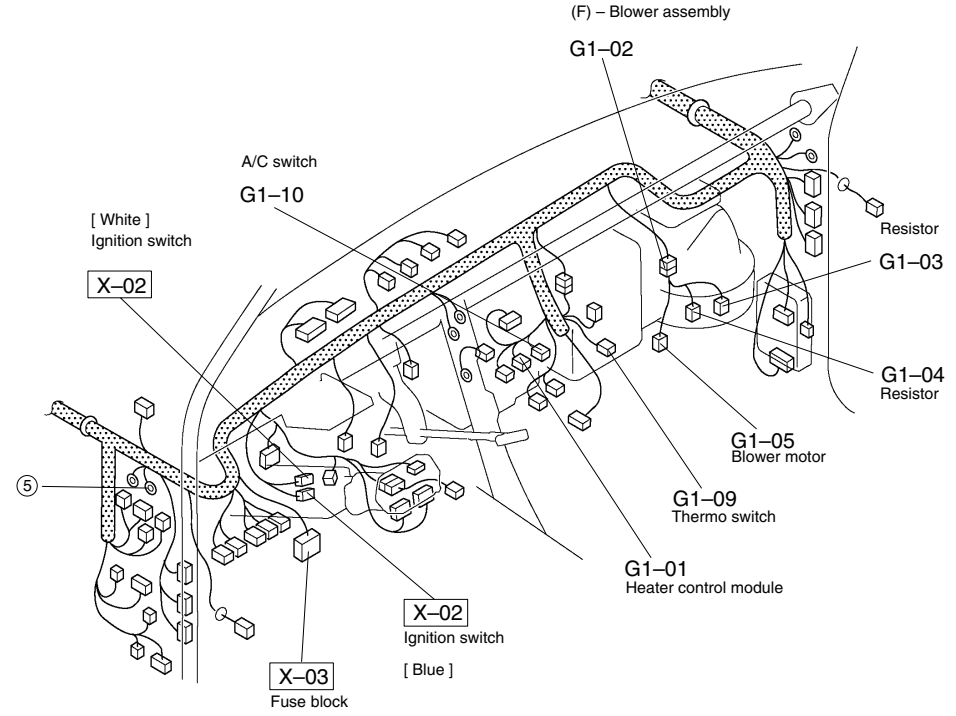
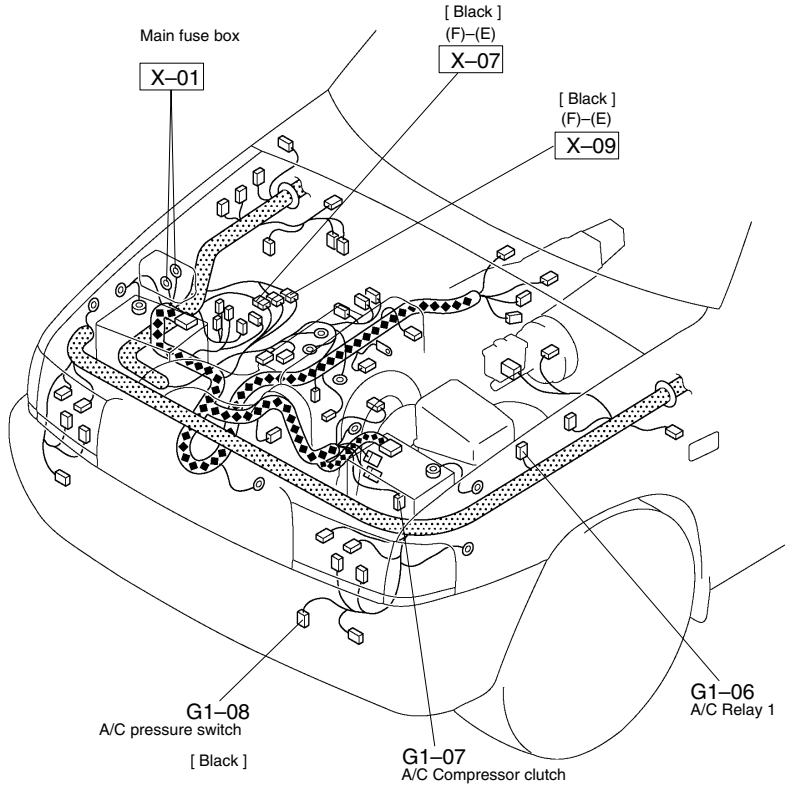
G-1

Wiring Diagram

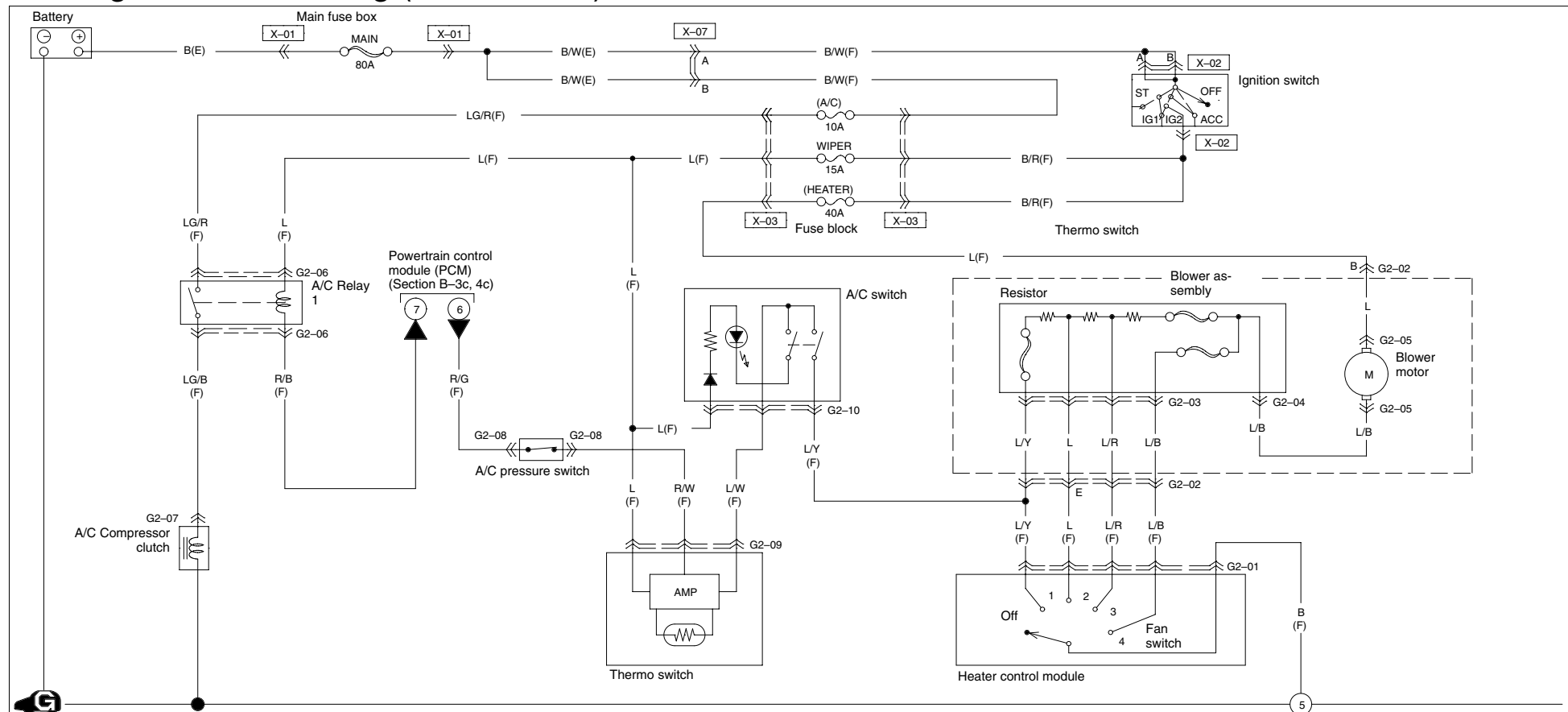


G1-01 C Heater control module (F) 		G1-02 (F) – Blower assembly E (F) (Blower assembly) B		G1-03 Resistor (Short cord) 	G1-04 Resistor (Short cord) 	G1-05 Blower motor (Short cord)
G1-06 A/C Relay 1 (F) 	G1-07 A/C Compressor clutch (E) 	G1-08 A/C pressure switch (F) 		G1-09 Thermo switch (F) 	G1-10 A/C switch (F) 	

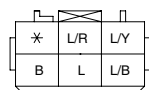
(F) (E) (R) Harness symbol



Heating / Air conditioning (F2 CIS, G6)



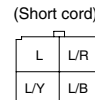
G2-01 Heater control module (F)



G2-02 (F) – Blower assembly



G2-03 Resistor



G2-04 Resistor



G2-05 Blower motor (Short cord)



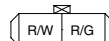
G2-06 A/C Relay 1 (F)



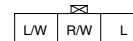
G2-07 A/C Compressor clutch (E)



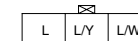
G2-08 A/C pressure switch (F)



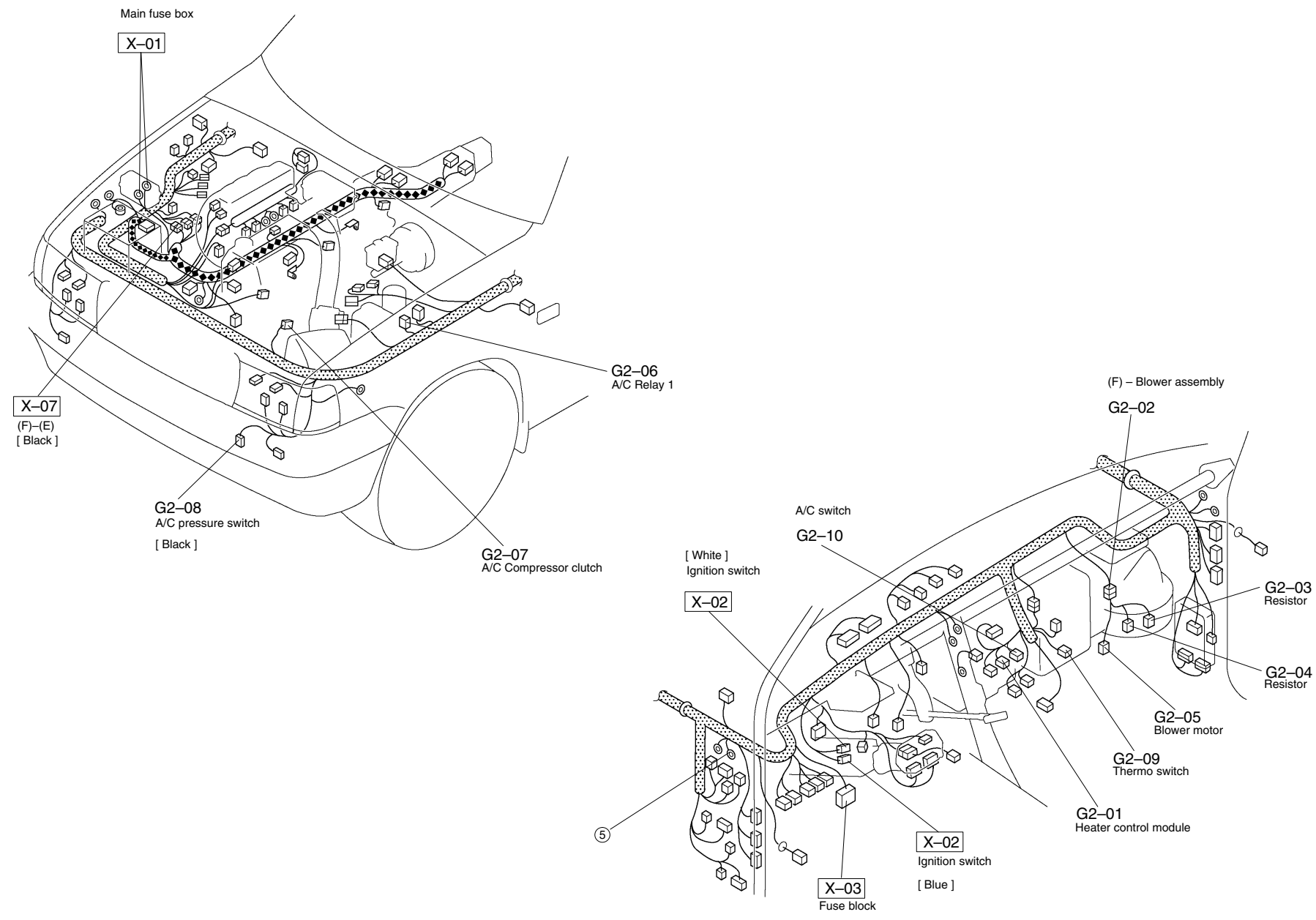
G2-09 Thermo switch (F)



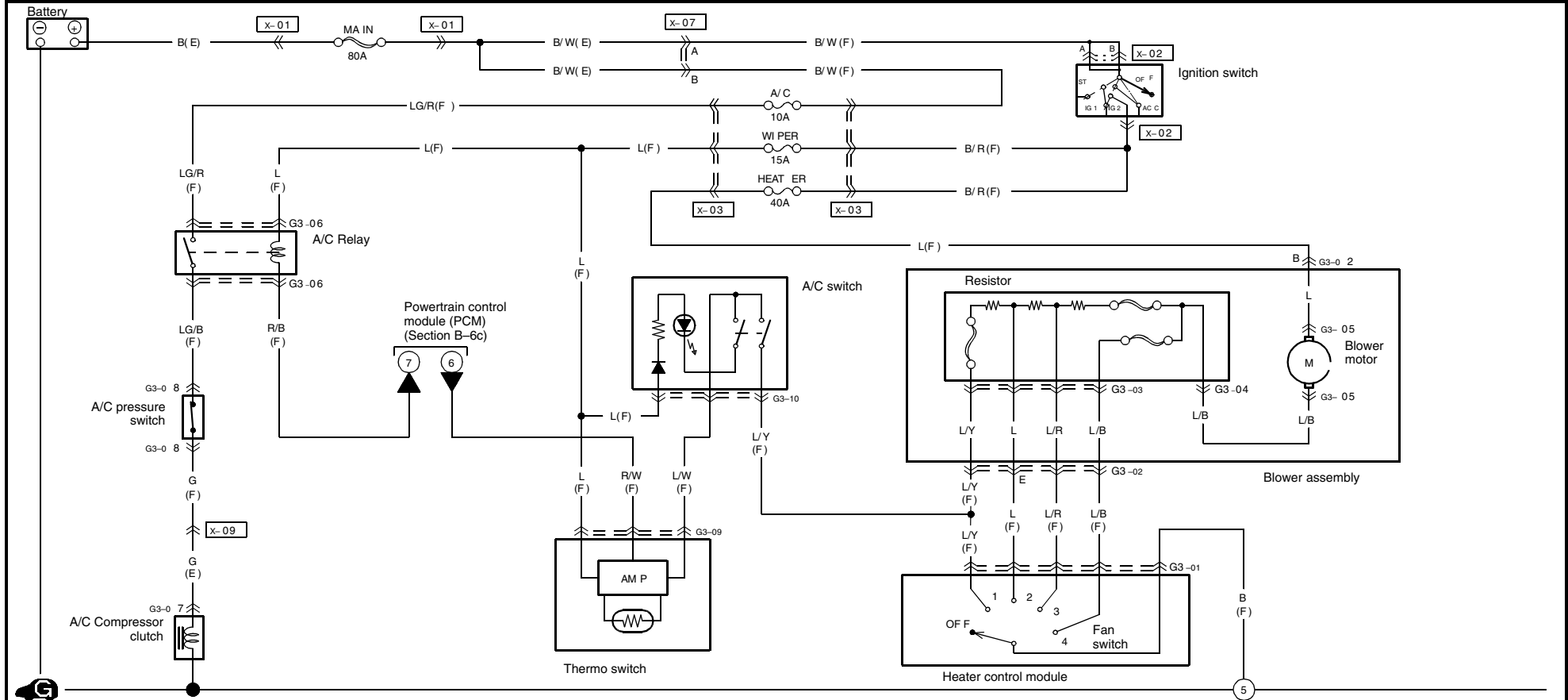
G2-10 A/C switch (F)



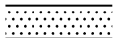
(F) (E) (R) Harness symbol

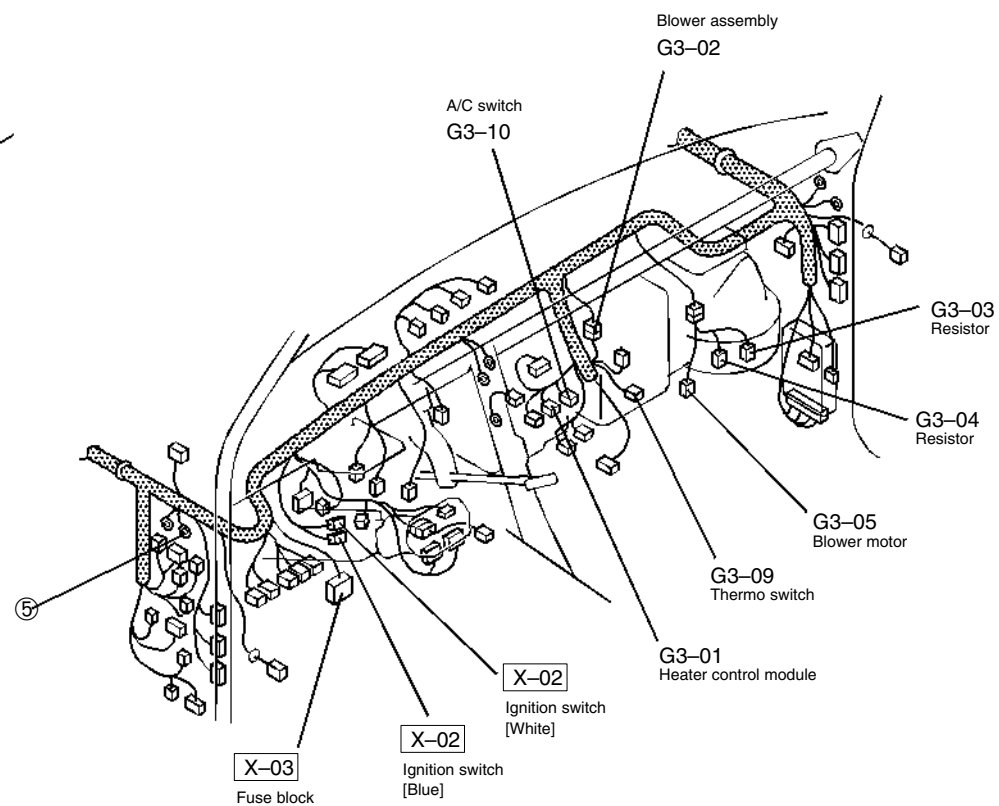
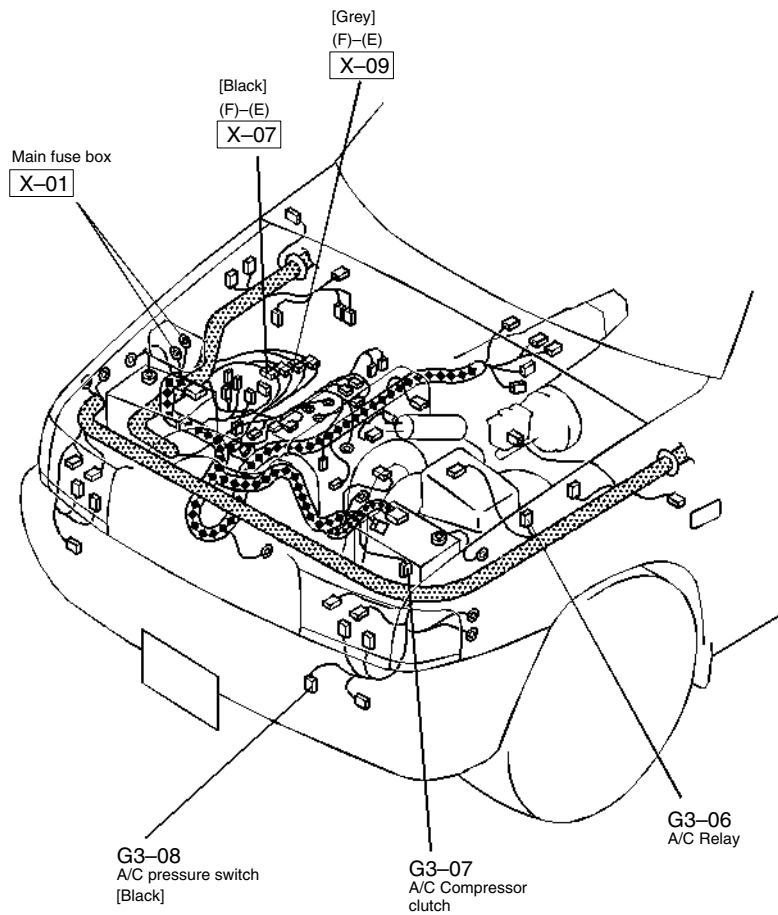


Heating / Air conditioning (WL-3, WLT-3, as of model year 2002)



G3-01 Heater control module (F) 		G3-02 Blower assembly (F) 		G3-03 Resistor (Short cord) 		G3-04 Resistor (Short cord) 		G3-05 Blower motor (Short cord) 	
G3-06 A/C Relay (F) 		G3-07 A/C Compressor clutch (E) 		G3-08 A/C pressure switch (F) 		G3-09 Thermo switch (F) 		G3-10 A/C switch (F) 	

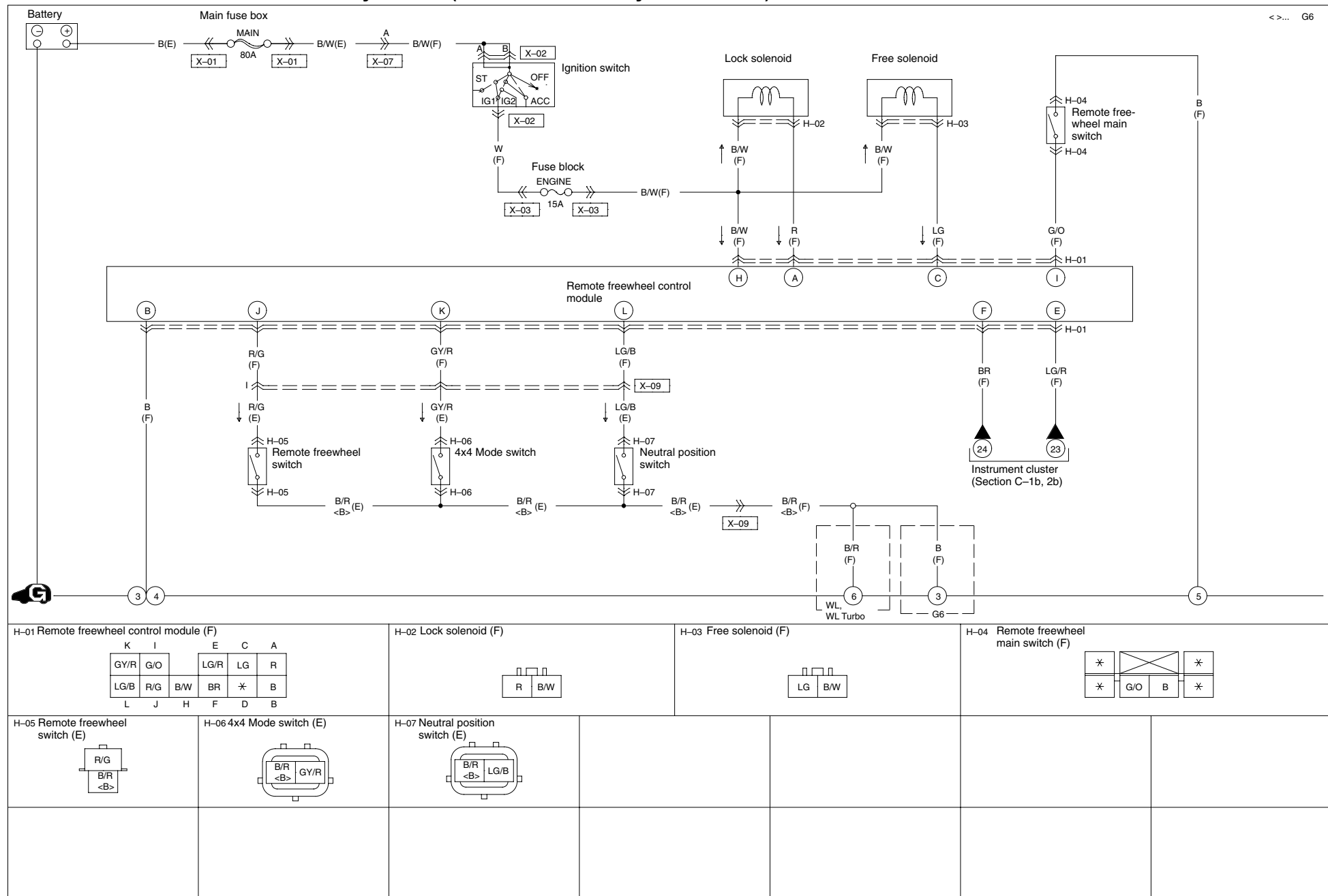
 (F)
  (E)
  (R)
 Harness symbol



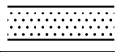
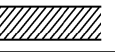
Remote freewheel control system (before model year 2002)

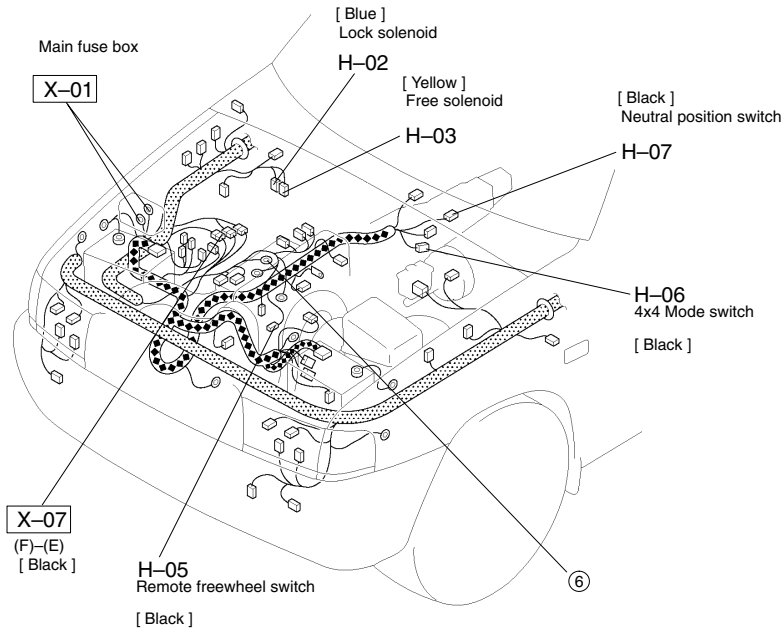
H

Wiring Diagram

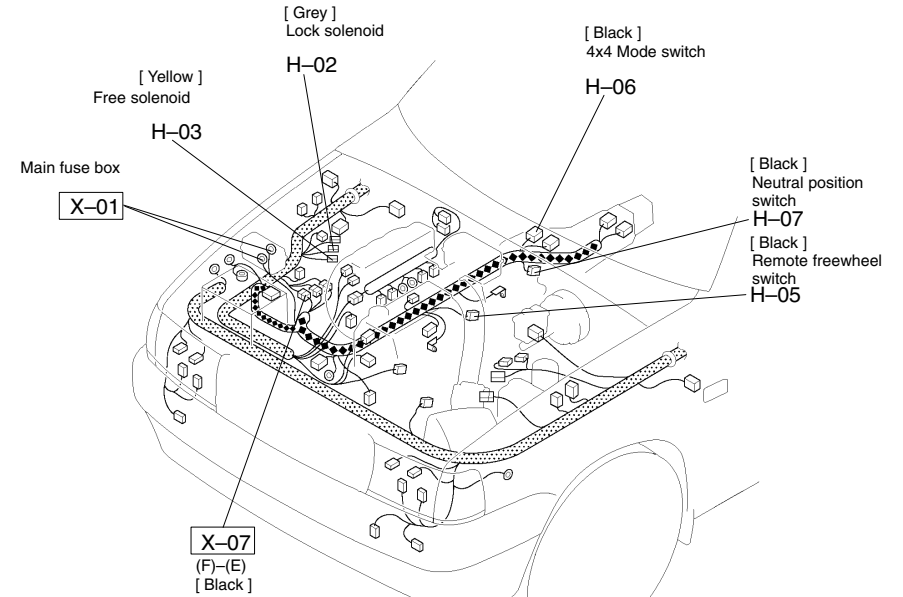


Z-101

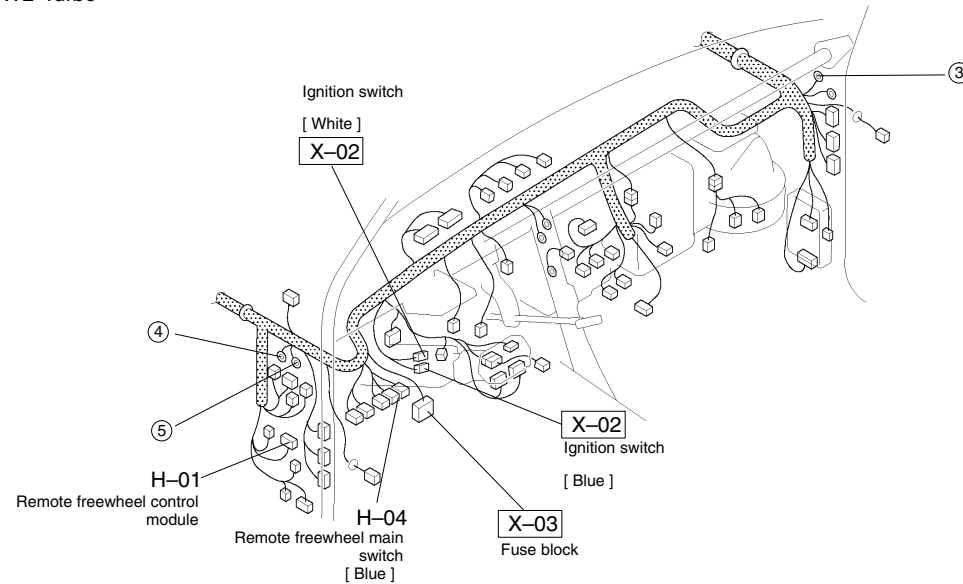
 (F)
  (E)
  (R)
 Harness symbol



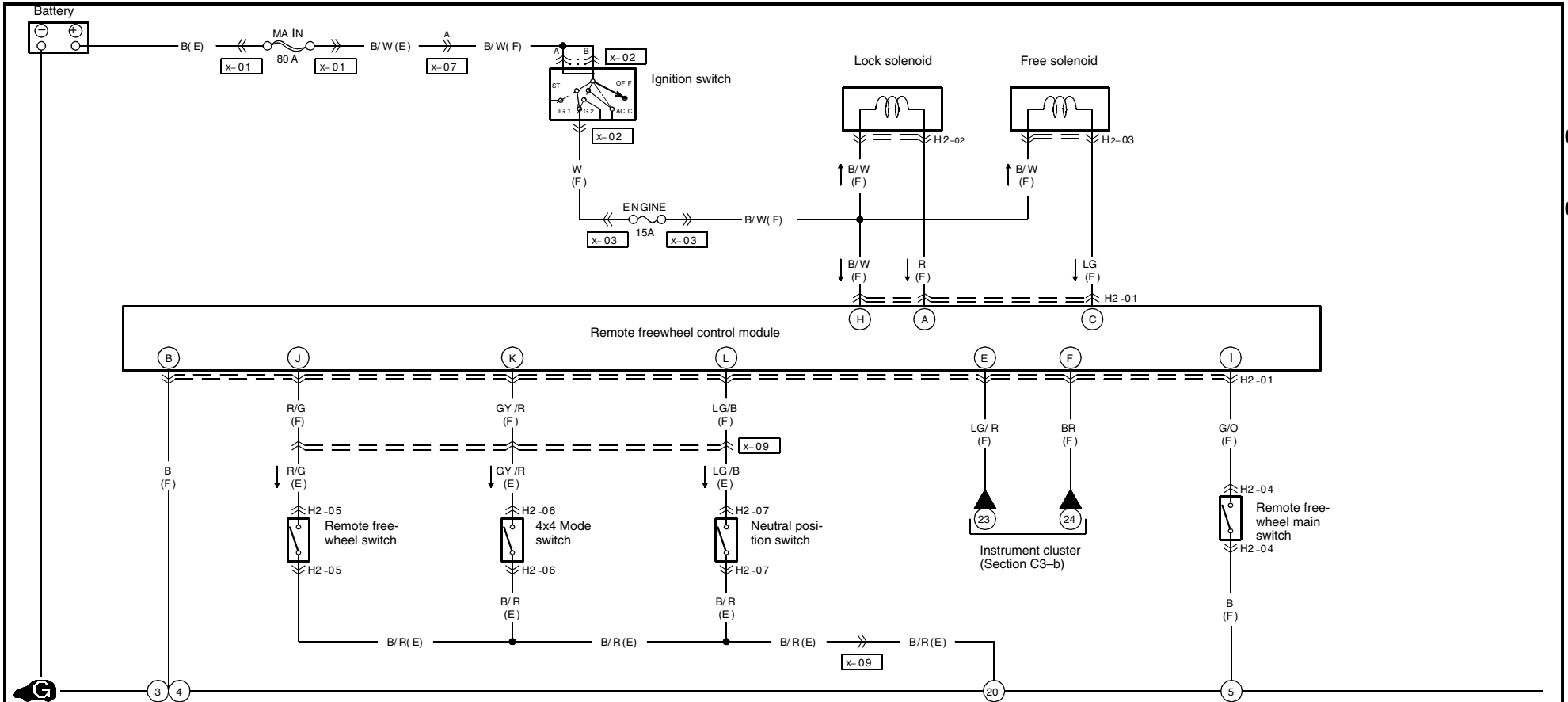
WL, WL Turbo



G6

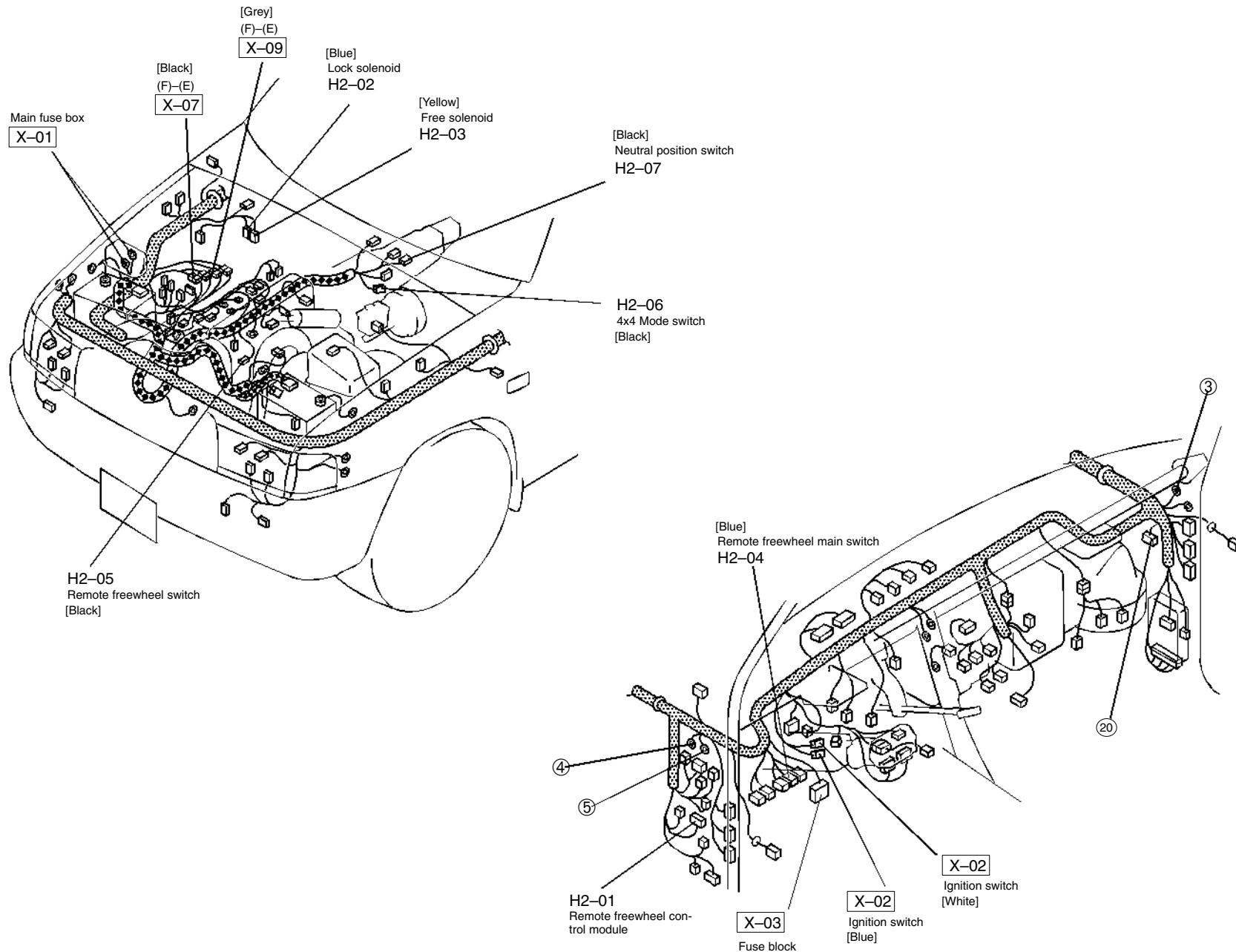


Remote freewheel control system (WL-3, WLT-3, as of model year 2002)



H2-01 Remote freewheel control module (F)		H2-02 Lock solenoid (F)		H2-03 Free solenoid (F)		H2-04 Remote freewheel main switch (F)																															
<table><tr><td>K</td><td>I</td><td colspan="2">E</td><td>C</td><td>A</td></tr><tr><td>GY /R</td><td>G/O</td><td>LG/ R</td><td>LG</td><td>R</td><td></td></tr><tr><td>LG /B</td><td>R/G</td><td>B/ W</td><td>BR</td><td>*</td><td>B</td></tr><tr><td>L</td><td>J</td><td>H</td><td>F</td><td>D</td><td>B</td></tr></table>		K	I	E		C	A	GY /R	G/O	LG/ R	LG	R		LG /B	R/G	B/ W	BR	*	B	L	J	H	F	D	B					<table><tr><td>*</td><td></td><td>*</td></tr><tr><td>*</td><td>G/O B</td><td>*</td></tr></table>		*		*	*	G/O B	*
K	I	E		C	A																																
GY /R	G/O	LG/ R	LG	R																																	
LG /B	R/G	B/ W	BR	*	B																																
L	J	H	F	D	B																																
*		*																																			
*	G/O B	*																																			
H2-05 Remote freewheel switch (E)	H2-06 4x4 Mode switch (E)	H2-07 Neutral position switch (E)																																			

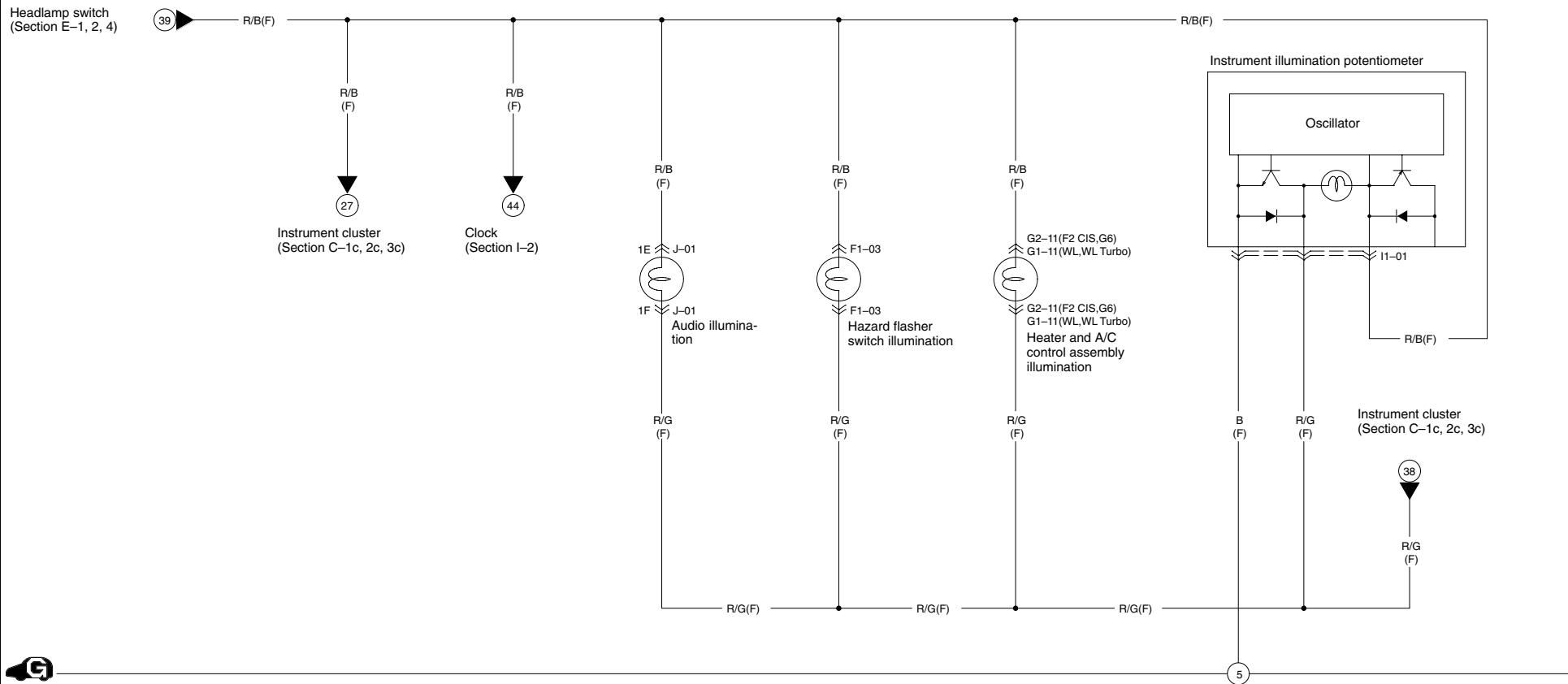
(F)
 (E)
 (R)
 Harness symbol



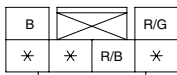
Instrument Illumination

I-1

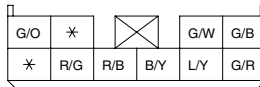
Wiring Diagram



I1-01 Instrument illumination potentiometer (F)

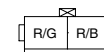


F1-03 Hazard flasher switch illumination (F)

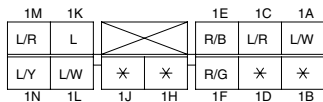


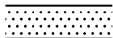
G1-11(WL,WL Turbo) Heater and A/C control assembly illumination (F)

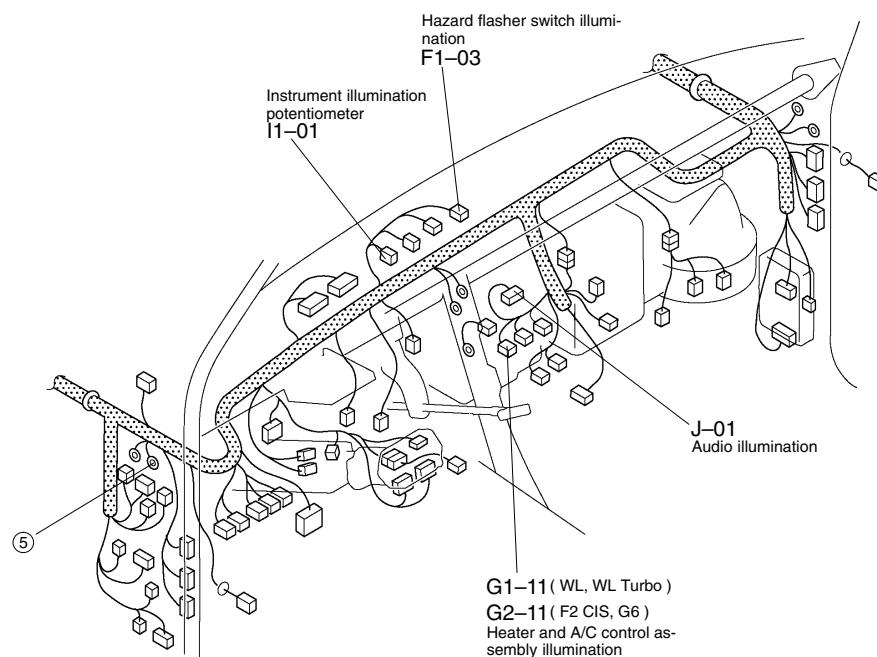
G2-11(F2 CIS,G6)



J-01 Audio illumination (F)



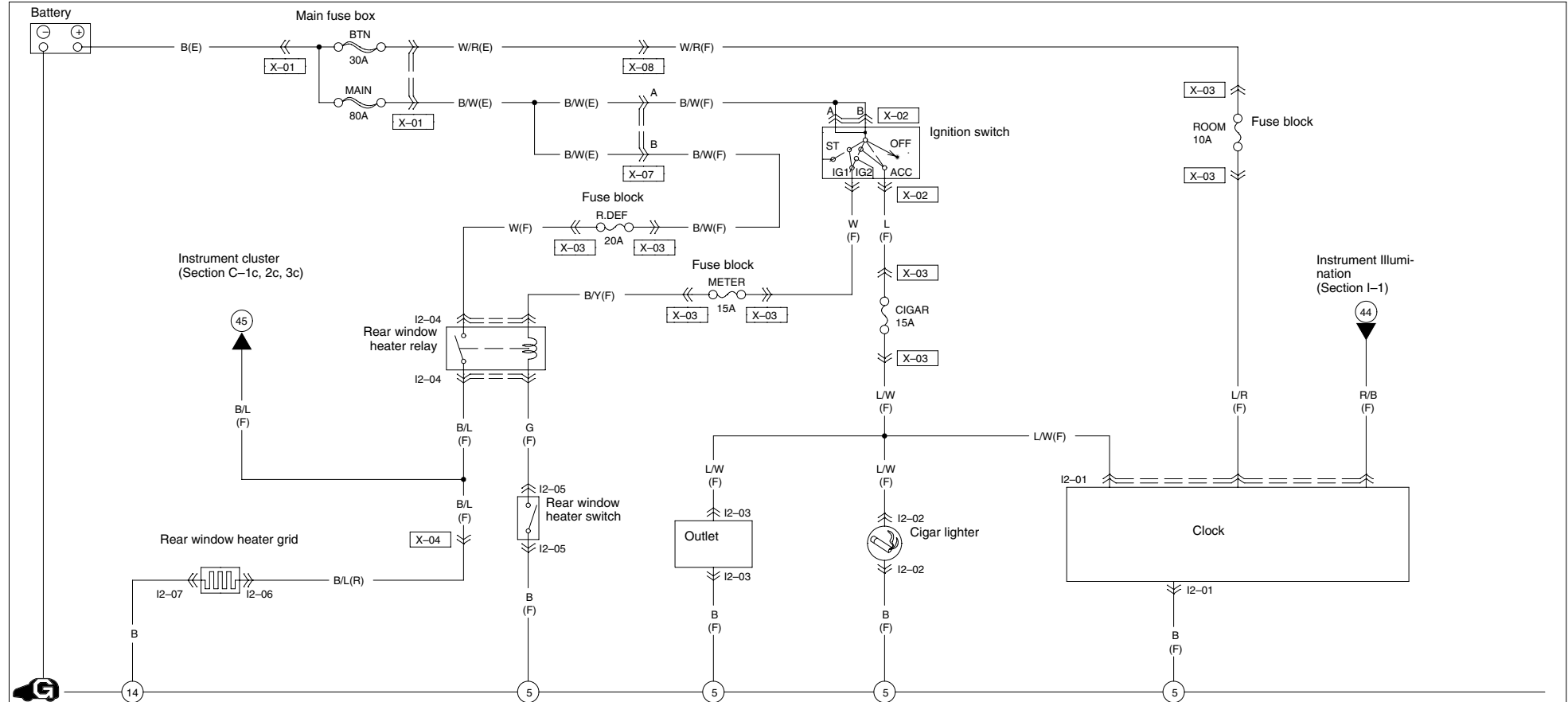
 (F)
  (E)
  (R)
 Harness symbol



Cigar lighter / Clock / Outlet / Rear defrost

I-2

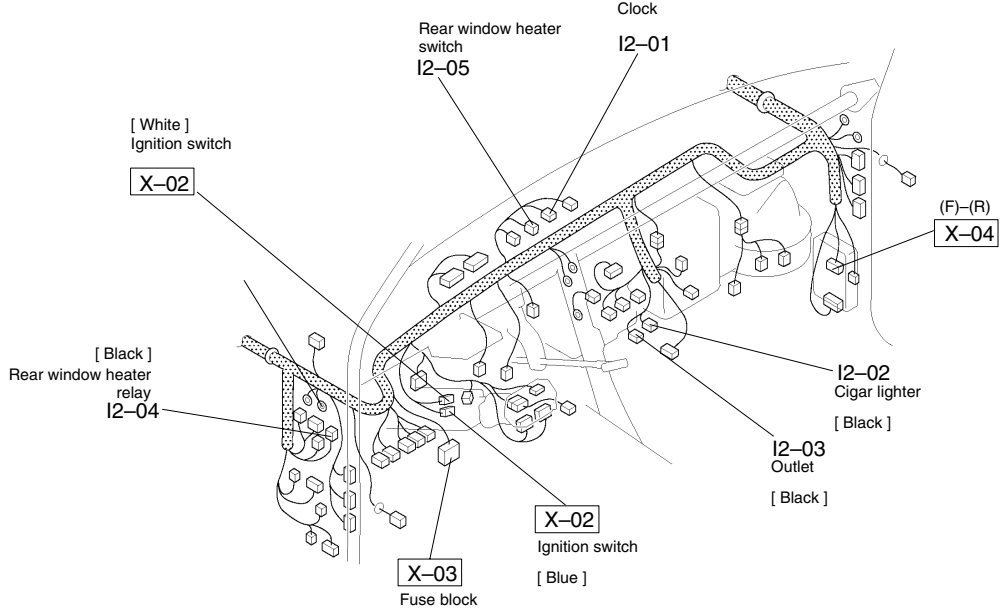
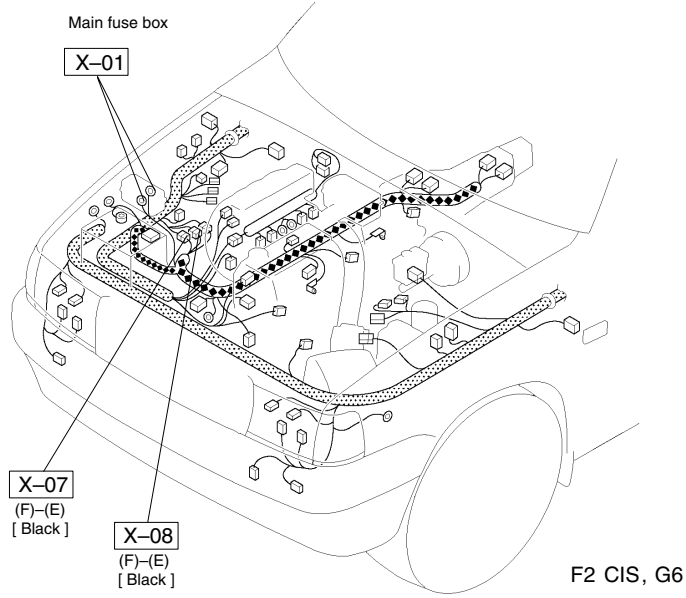
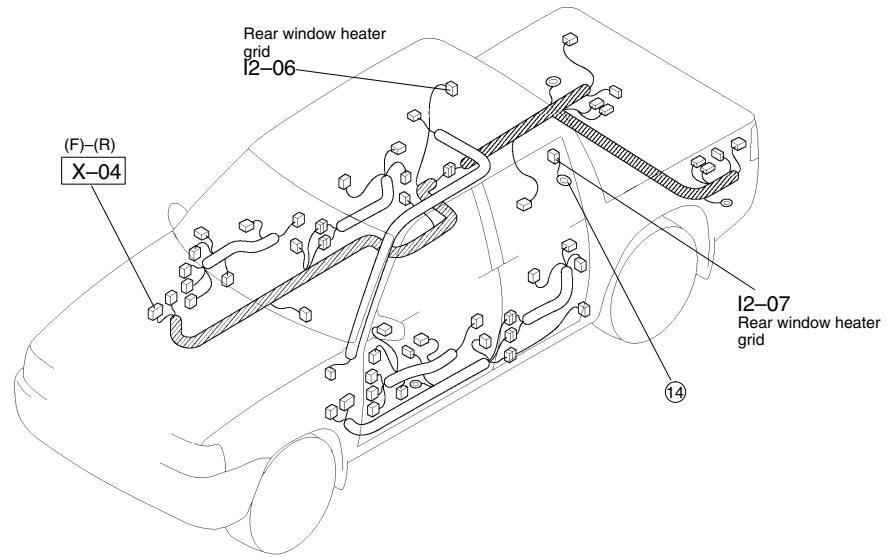
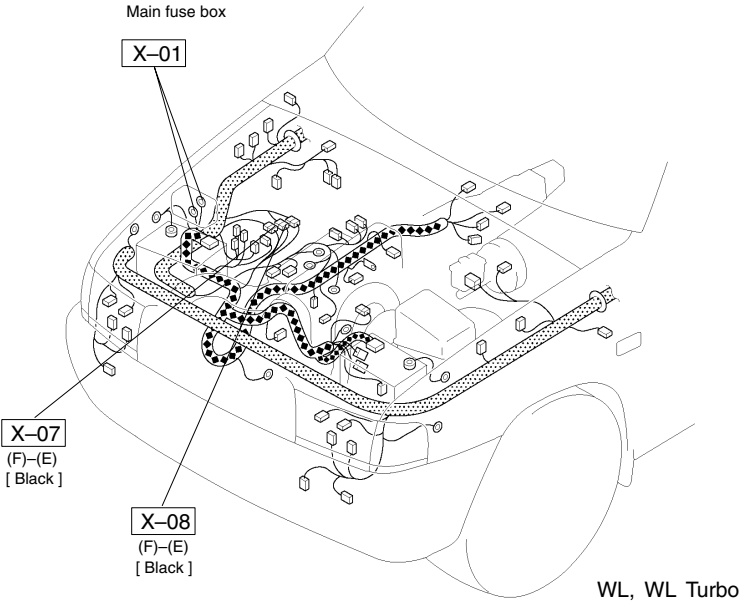
Wiring Diagram



I2-01 Clock (F) * B L/W * R/B L/R * *	I2-02 Cigar lighter (F) B
---	---

Z-107

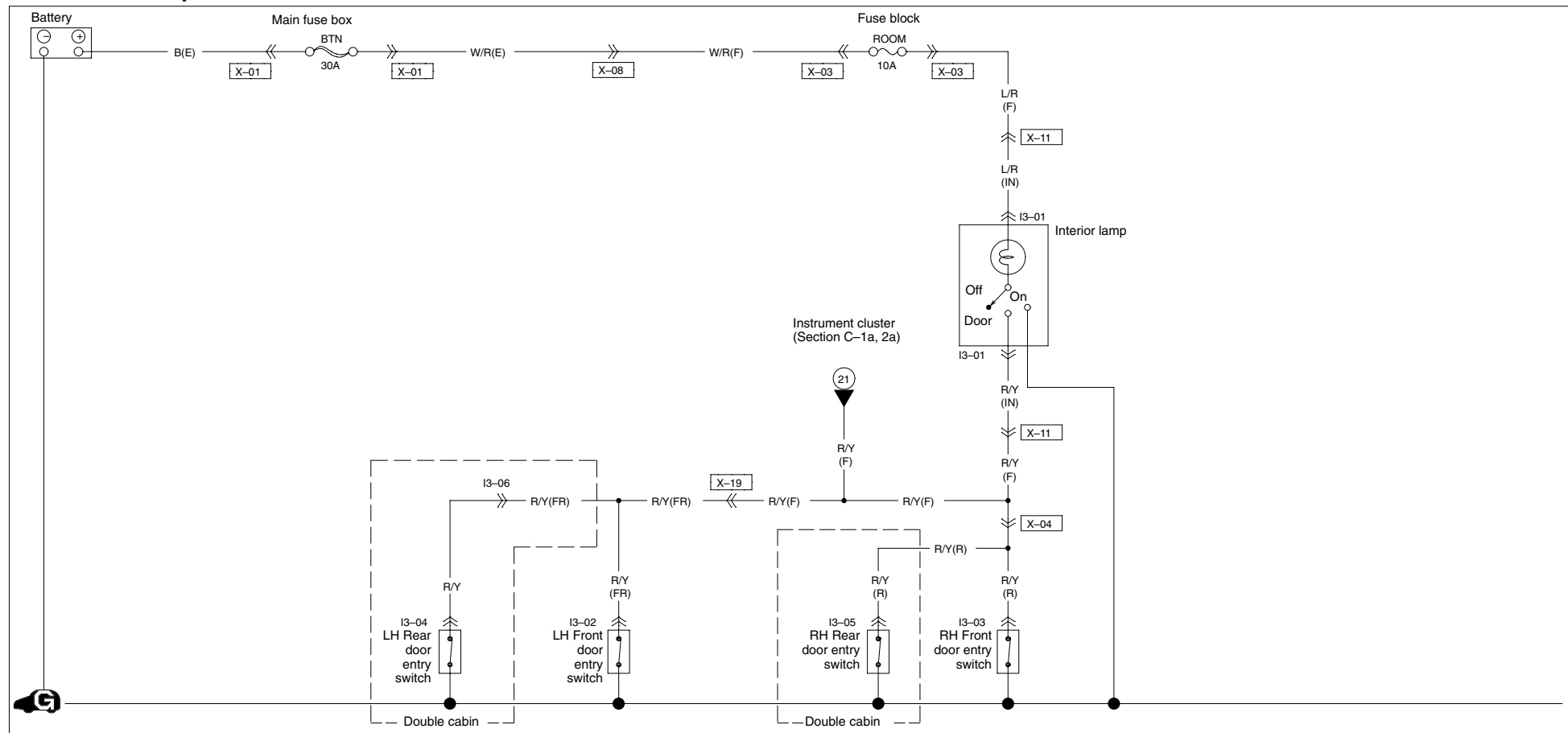
(F) (E) (R) Harness symbol

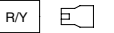
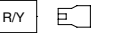


Interior lamps

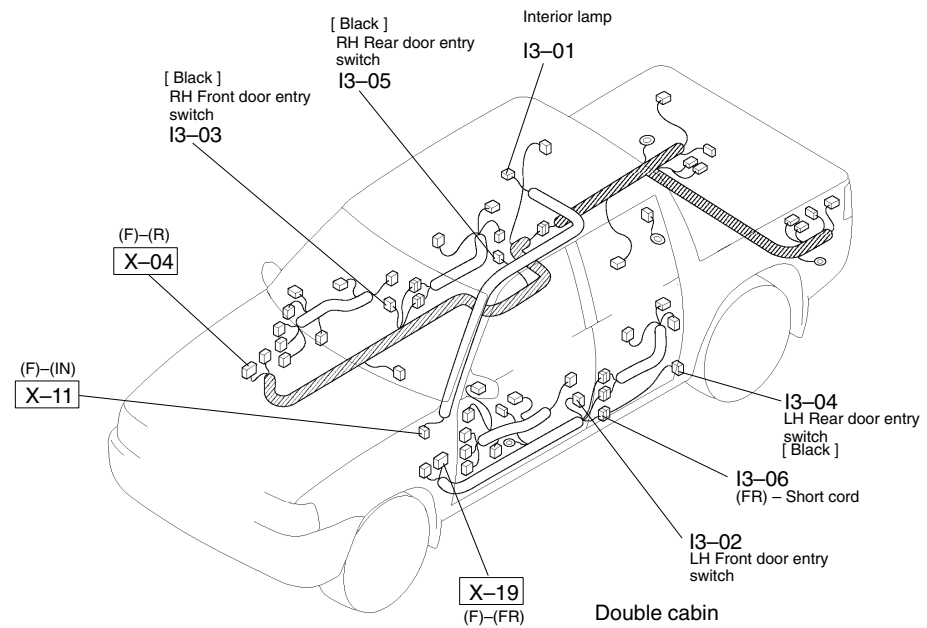
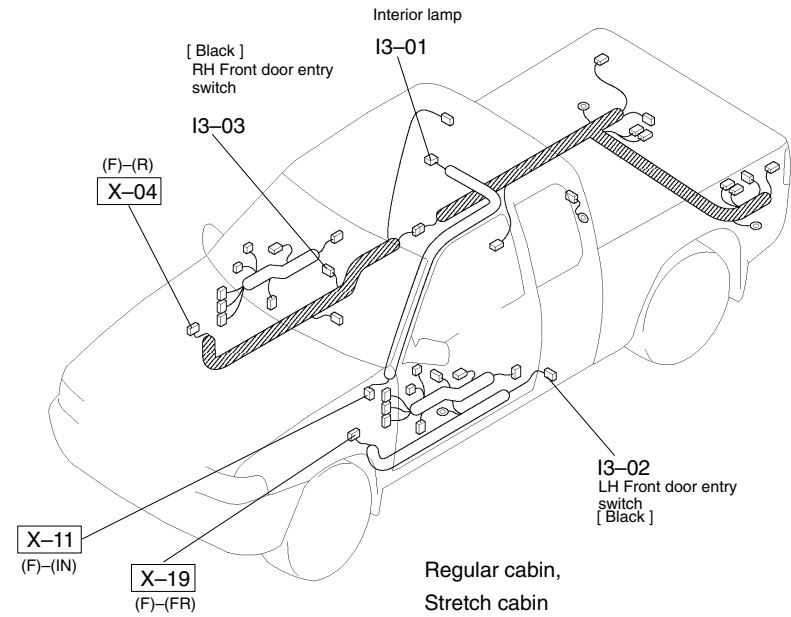
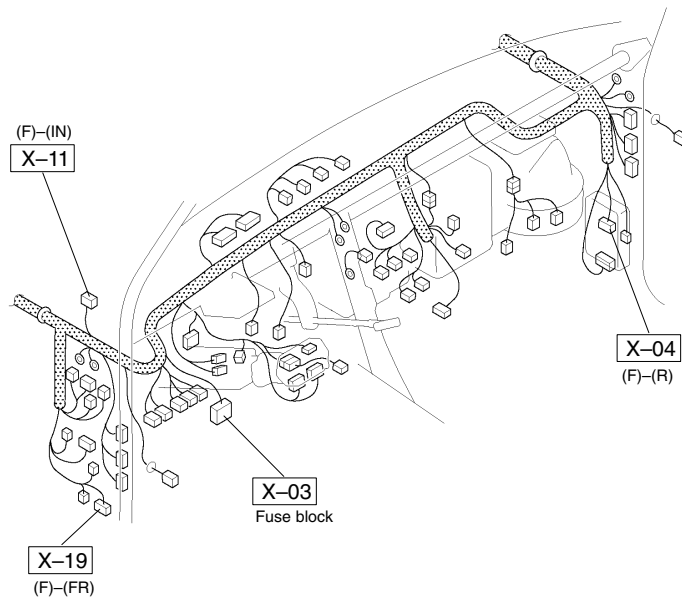
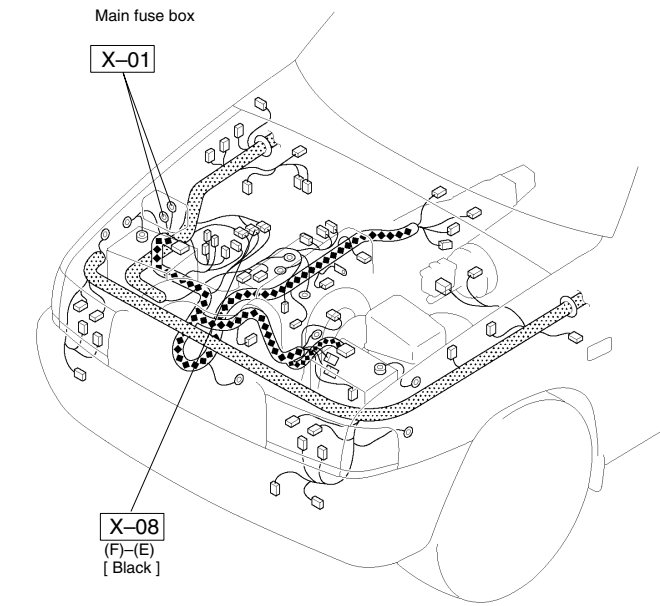
I-3

Z Wiring Diagram



I3-01 Interior lamp (IN) (Regular cabin)   (Stretch cabin) (Double cabin) 	I3-02 LH Front door entry switch (FR) 	I3-03 RH Front door entry switch (R) 	I3-04 LH Rear door entry switch (Short cord) 	I3-05 RH Rear door entry switch (R) 	
I3-06 (FR) – Short cord (FR)  (Short cord) 					

(F) (E) (R) Harness symbol

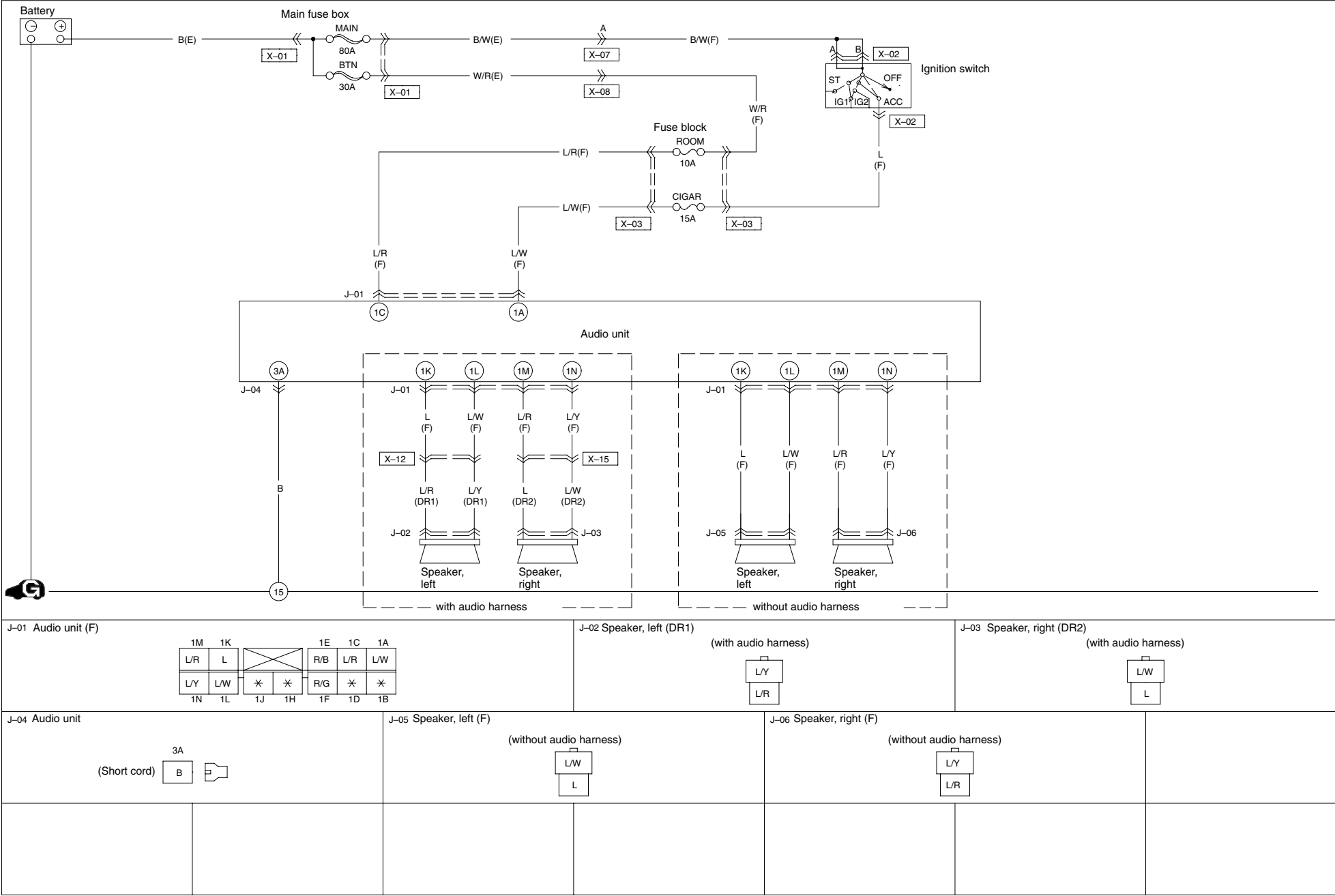


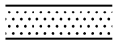
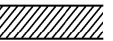
Audio Systems

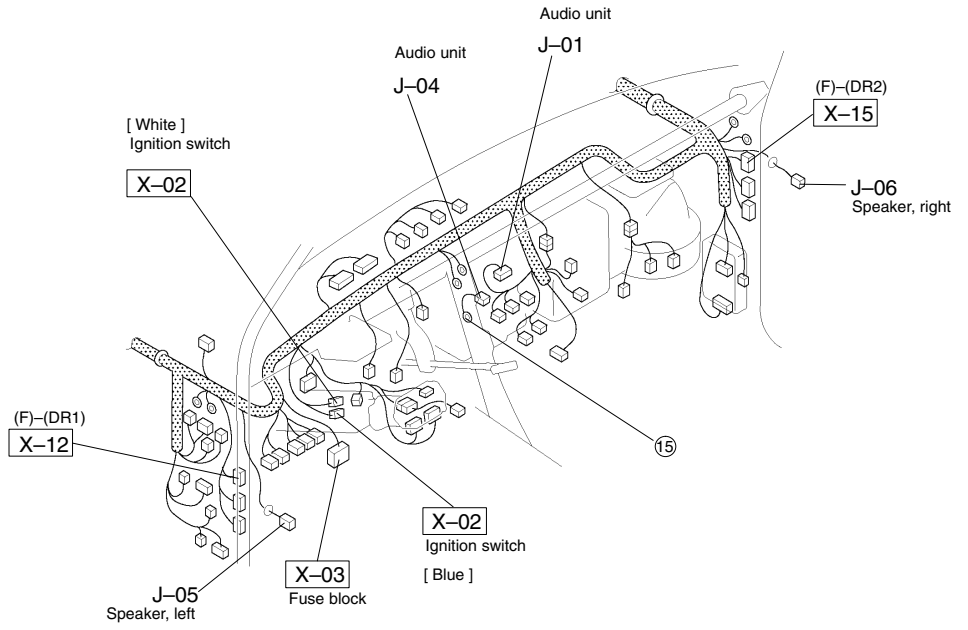
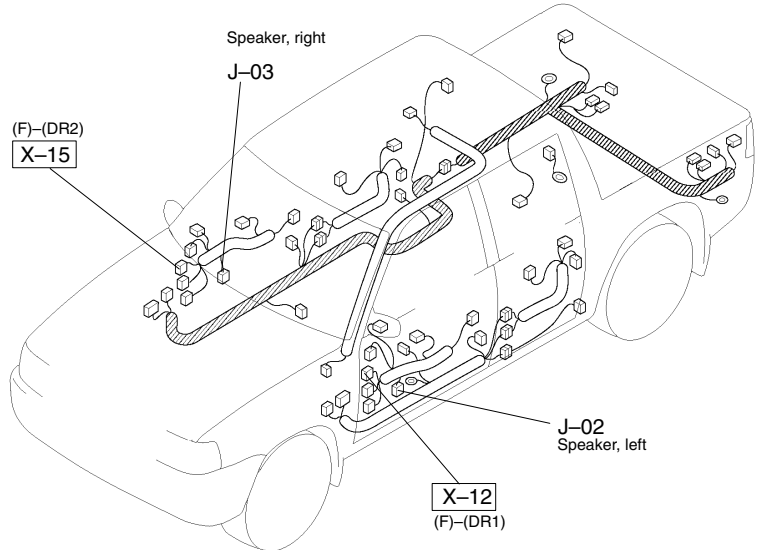
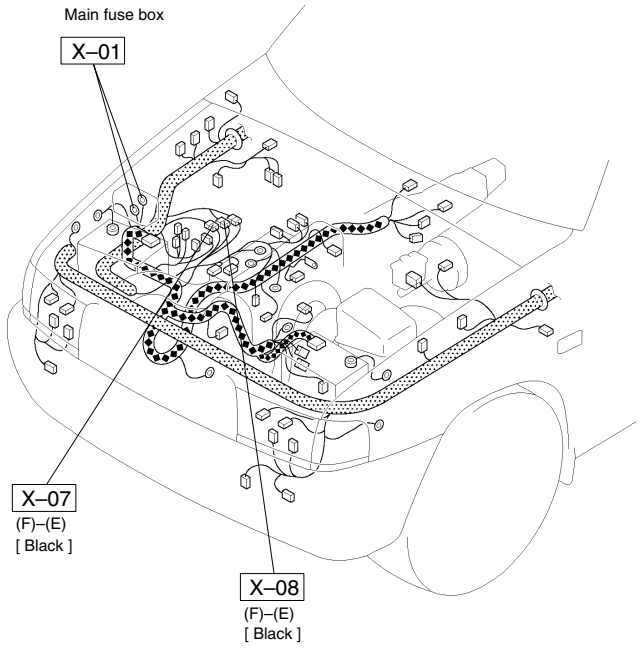
J

Z Wiring Diagram

Z-111



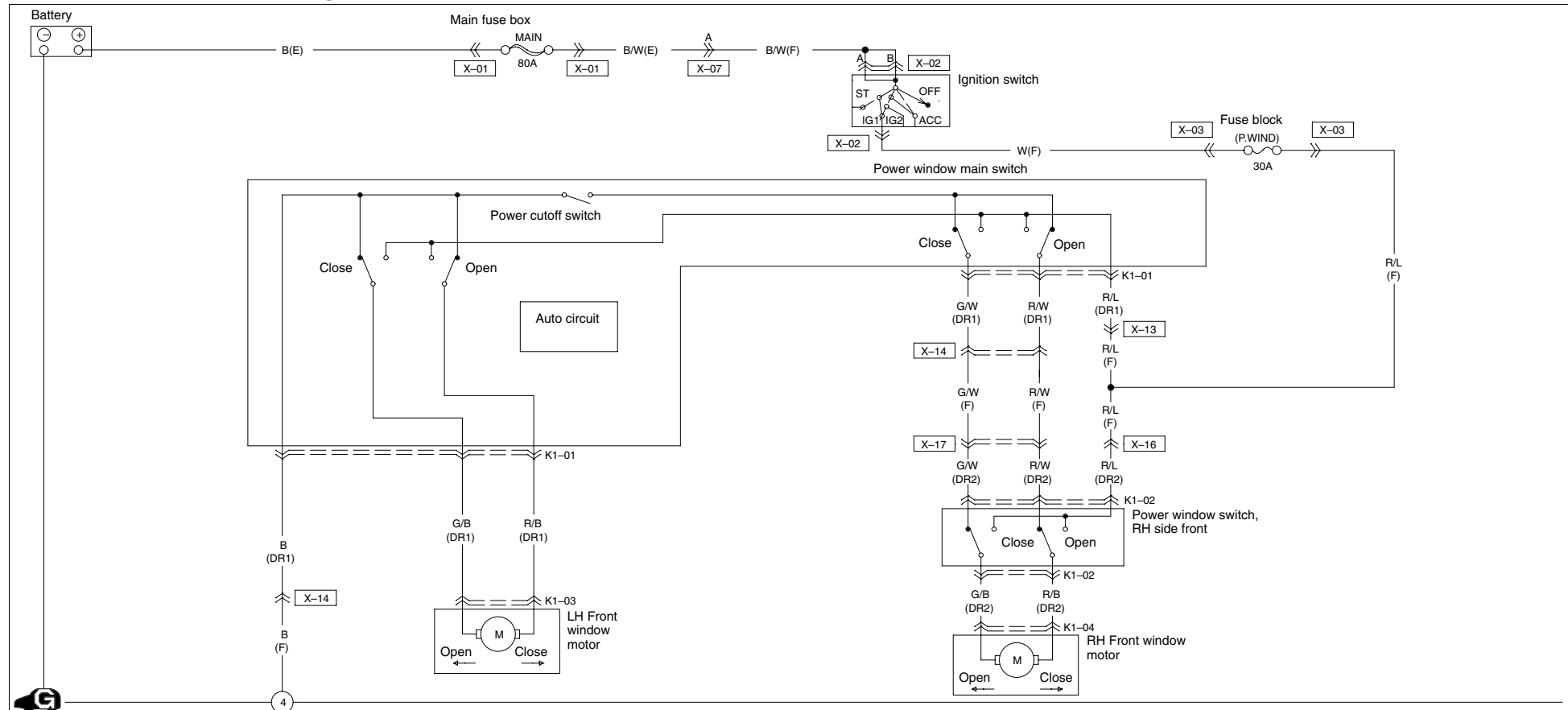
 (F)
  (E)
  (R)
 Harness symbol



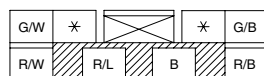
Power Windows (Regular cabin, Stretch cabin)

K-1

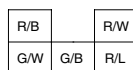
Wiring Diagram



K1-01 Power window main switch (DR1)



K1-02 Power window switch, RH side front (DR2)

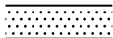


K1-03 LH Front window motor (DR1)



K1-04 RH Front window motor (DR2)



 (F)
  (E)
  (R)
 Harness symbol

Main fuse box

X-01

X-07

(F)-(E)
[Black][White]
Ignition switch

X-02

X-16
(F)-(DR2)X-17
(F)-(DR2)(F)-(DR1)
X-13X-14
(F)-(DR1)X-03
Fuse blockX-02
Ignition switch
[Blue]Power window switch, RH
side front

K1-02

RH Front window
motor
K1-04

(F)-(DR2)

X-16

(F)-(DR2)

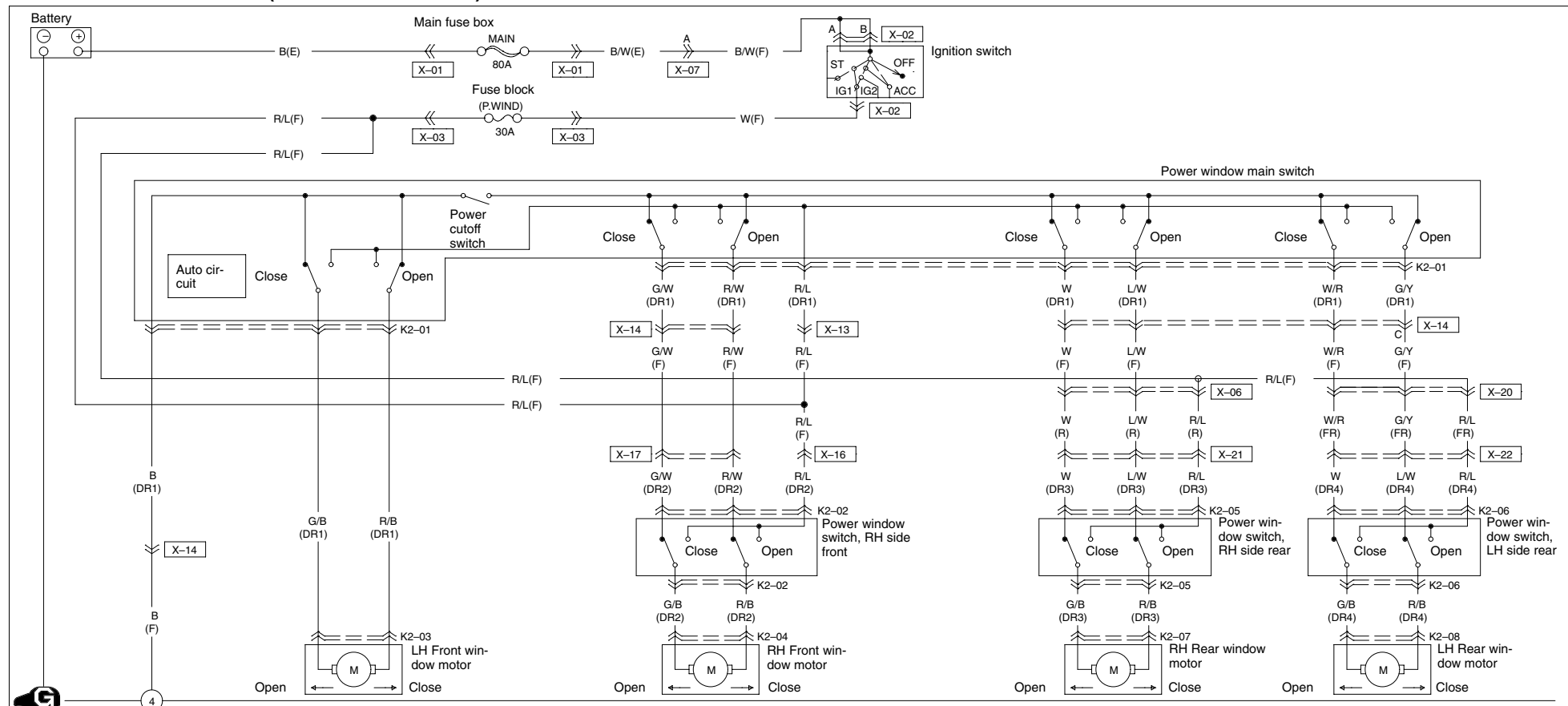
X-17

K1-01
Power window main switchK1-03
LH Front window motor
[Blue]X-13
(F)-(DR1)X-14
(F)-(DR1)

Power Windows (Double cabin)

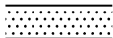
K-2

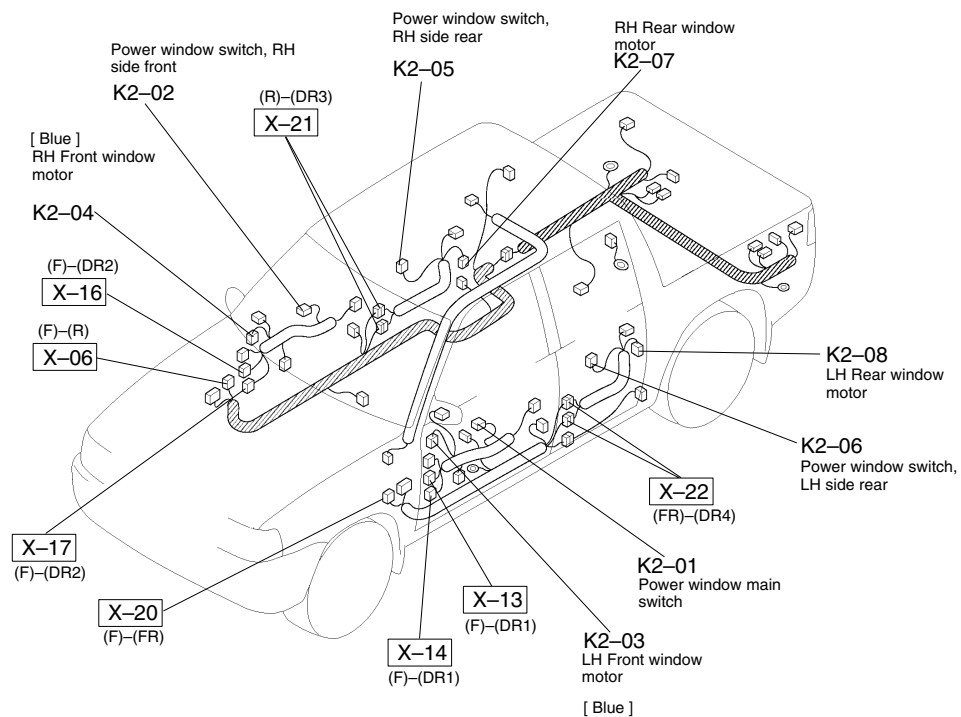
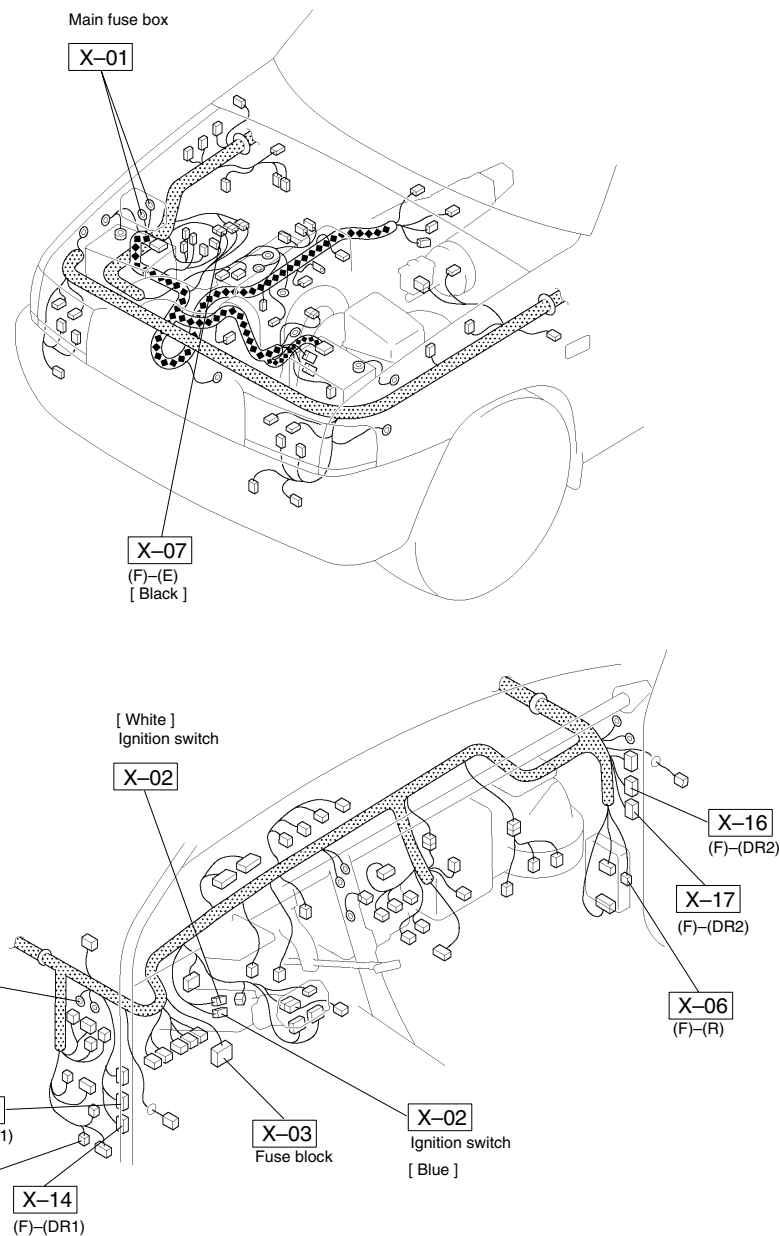
Wiring Diagram



K2-01 Power window main switch (DR1) <table><tr><td>W/R</td><td>G/Y</td><td></td><td>W</td><td>L/W</td><td>R/L</td></tr><tr><td>G/B</td><td>R/B</td><td>B</td><td>*</td><td>G/W</td><td>R/W</td></tr></table>	W/R	G/Y		W	L/W	R/L	G/B	R/B	B	*	G/W	R/W	K2-02 Power window switch, RH side front (DR2) <table><tr><td>R/B</td><td></td><td>R/W</td></tr><tr><td>G/W</td><td>G/B</td><td>R/L</td></tr></table>	R/B		R/W	G/W	G/B	R/L	K2-03 LH Front window motor (DR1) G/B R/B	K2-04 RH Front window motor (DR2) G/B R/B						
W/R	G/Y		W	L/W	R/L																						
G/B	R/B	B	*	G/W	R/W																						
R/B		R/W																									
G/W	G/B	R/L																									
K2-05 Power window switch, RH side rear (DR3) <table><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>W</td><td>G/B</td><td>R/L</td><td>*</td><td>L/W</td><td>R/B</td></tr></table>							W	G/B	R/L	*	L/W	R/B	K2-06 Power window switch, LH side rear (DR4) <table><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>W</td><td>G/B</td><td>R/L</td><td>*</td><td>L/W</td><td>R/B</td></tr></table>							W	G/B	R/L	*	L/W	R/B	K2-07 RH Rear window motor (DR3) G/B R/B	K2-08 LH Rear window motor (DR4) G/B R/B
W	G/B	R/L	*	L/W	R/B																						
W	G/B	R/L	*	L/W	R/B																						

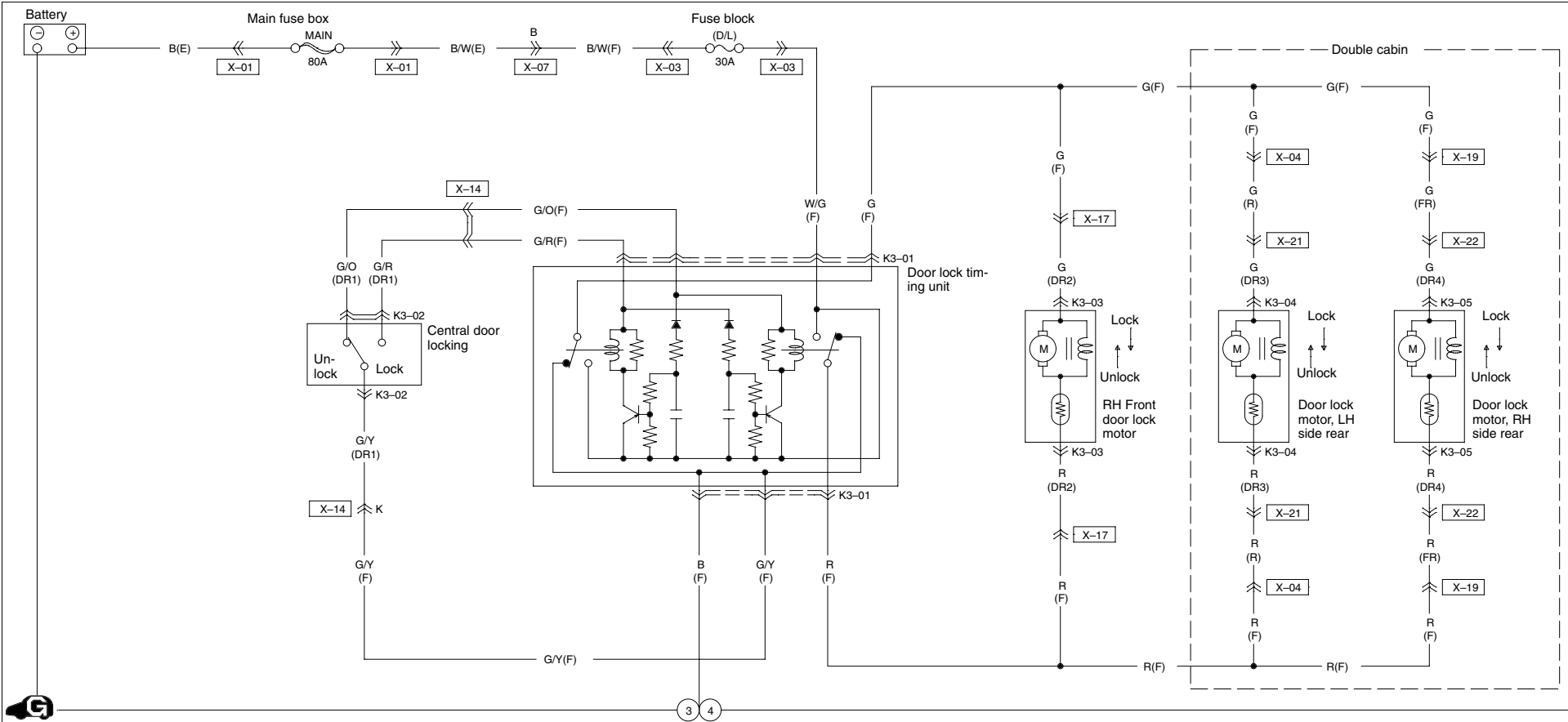
Z-115

 (F)
  (E)
  (R)
 Harness symbol



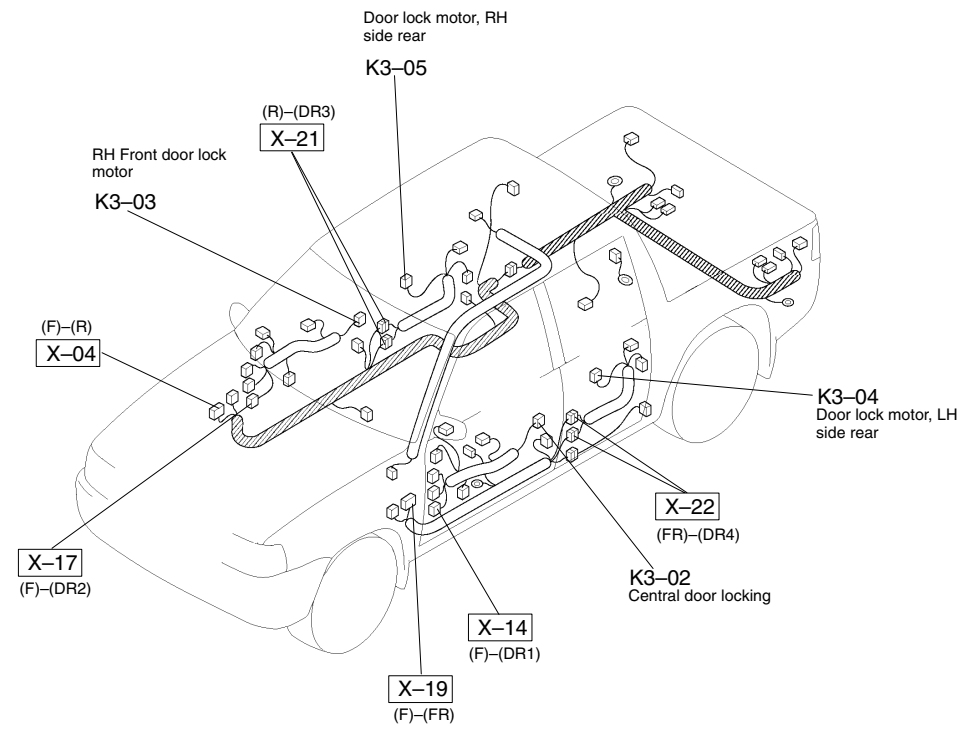
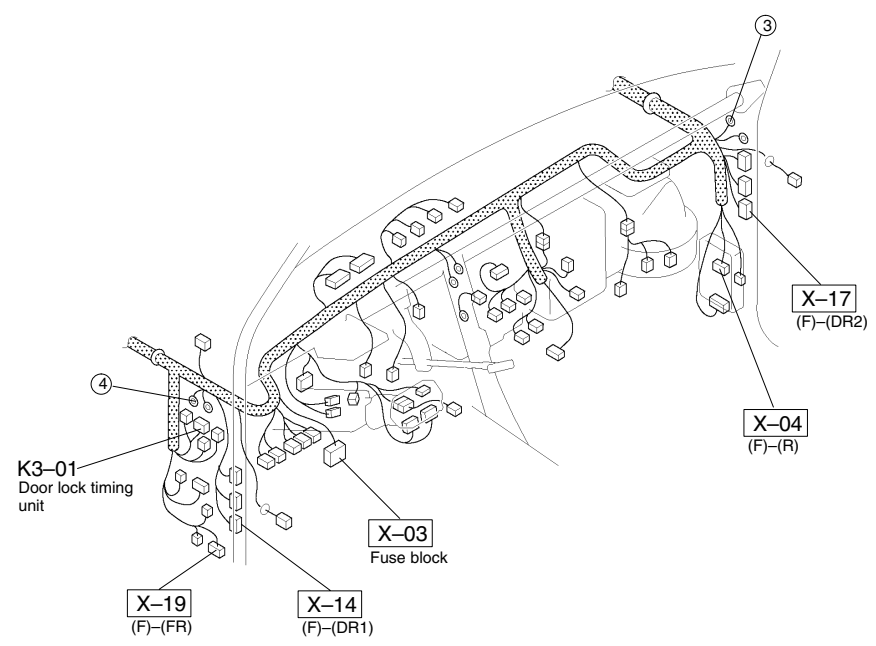
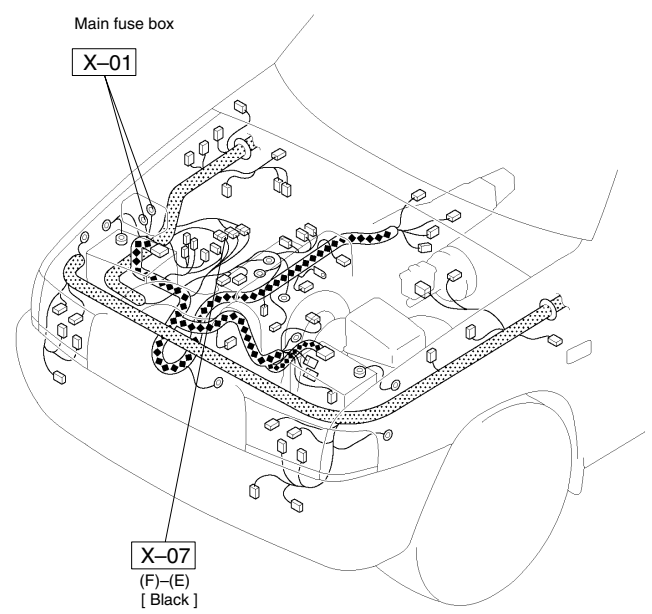
Central door locking

K-3



K3-01 Door lock timing unit (F)	K3-02 Central door locking (DR1)	K3-03 RH Front door lock motor (DR2)	K3-04 Door lock motor, LH side rear (DR3)	K3-05 Door lock motor, RH side rear (DR4)																		
<table><tr><td>*</td><td>G</td><td>G/O</td><td>B</td></tr><tr><td>G/Y</td><td>R</td><td>G/R</td><td>W/G</td></tr></table>	*	G	G/O	B	G/Y	R	G/R	W/G	<table><tr><td>G/O</td><td>G/Y</td></tr><tr><td>*</td><td>G/R</td></tr></table>	G/O	G/Y	*	G/R	<table><tr><td>G</td><td>R</td></tr></table>	G	R	<table><tr><td>G</td><td>R</td></tr></table>	G	R	<table><tr><td>G</td><td>R</td></tr></table>	G	R
*	G	G/O	B																			
G/Y	R	G/R	W/G																			
G/O	G/Y																					
*	G/R																					
G	R																					
G	R																					
G	R																					

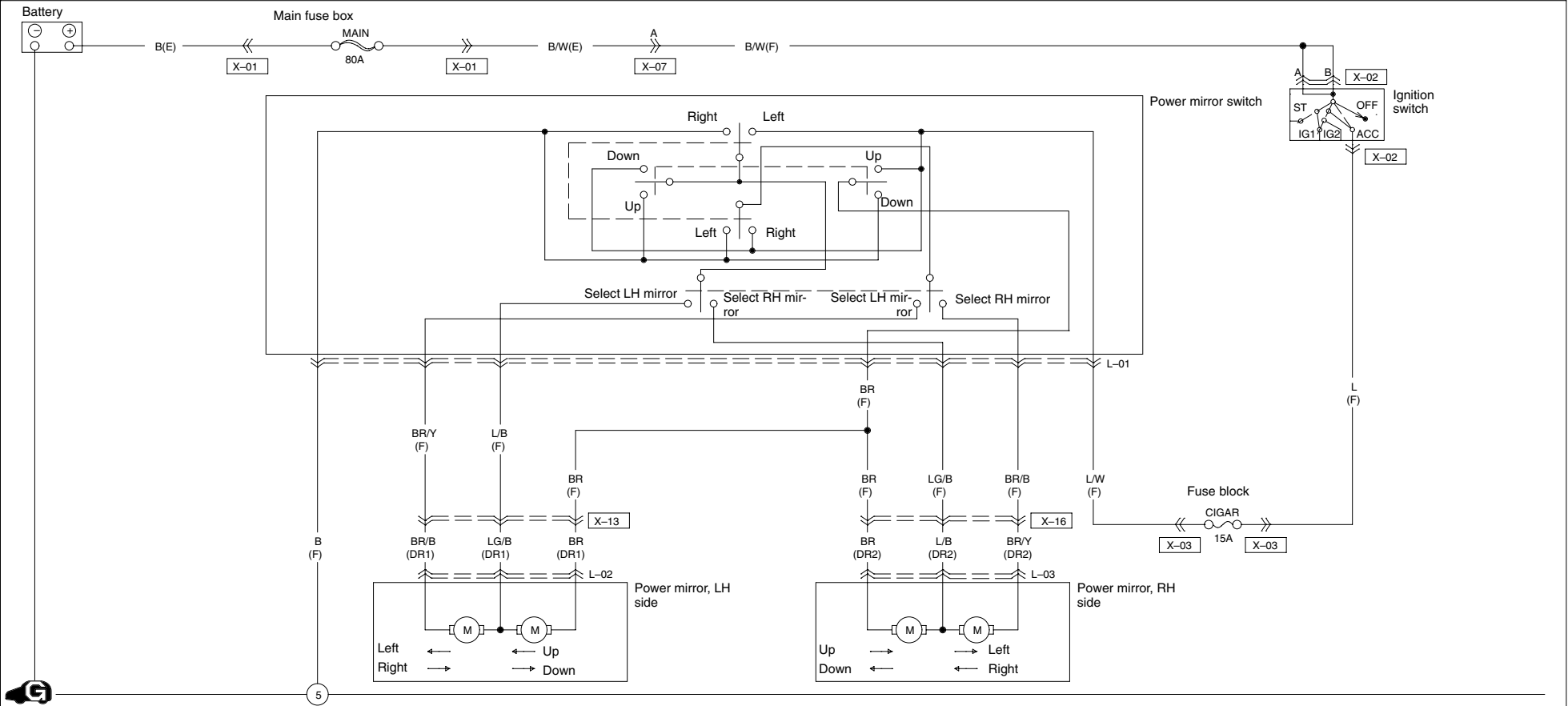
(F) (E) (R) Harness symbol



Power mirrors

L

Z Wiring Diagram



L-01 Power mirror switch (F)

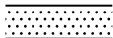
BR	L/W		LG/B	L/B
B	*	*	*	BR/Y
				BR/B

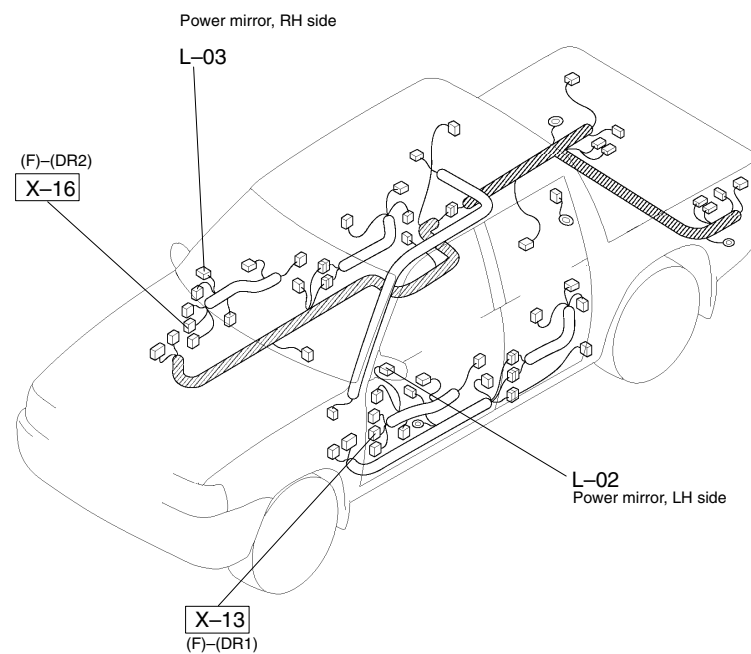
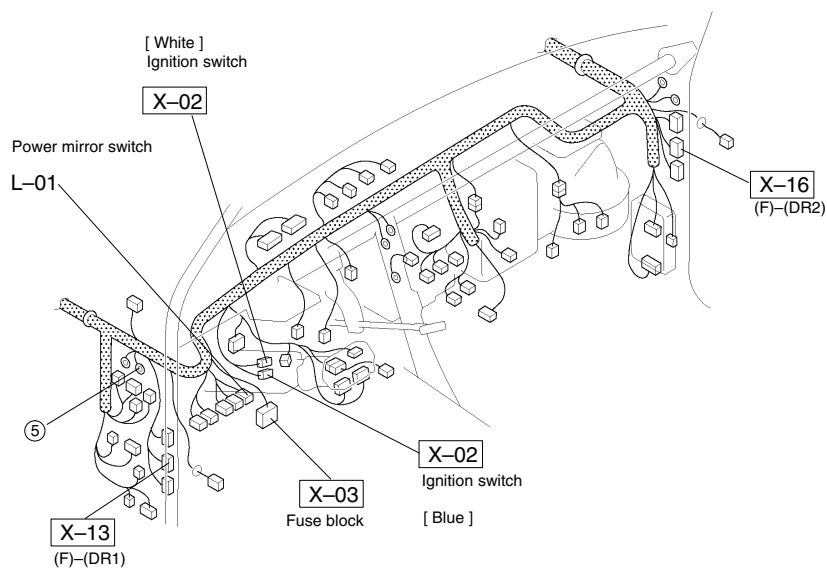
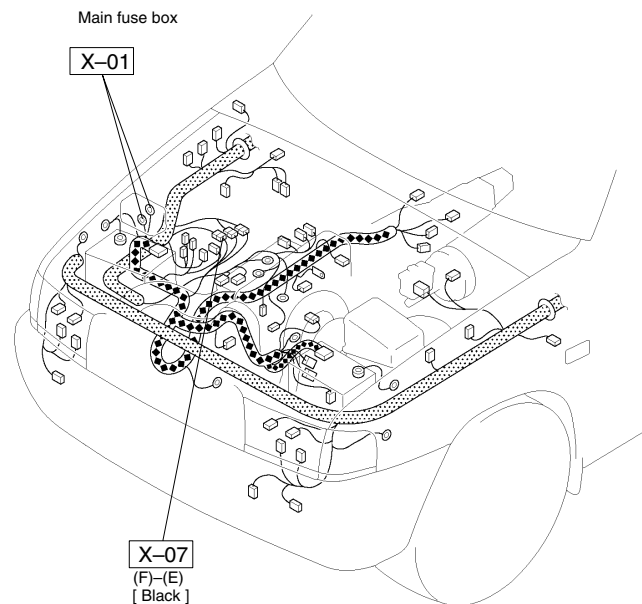
L-02 Power mirror, LH side (DR1)

LG/B	BR
BR/B	*

L-03 Power mirror, RH side (DR2)

L/B	BR
BR/Y	*

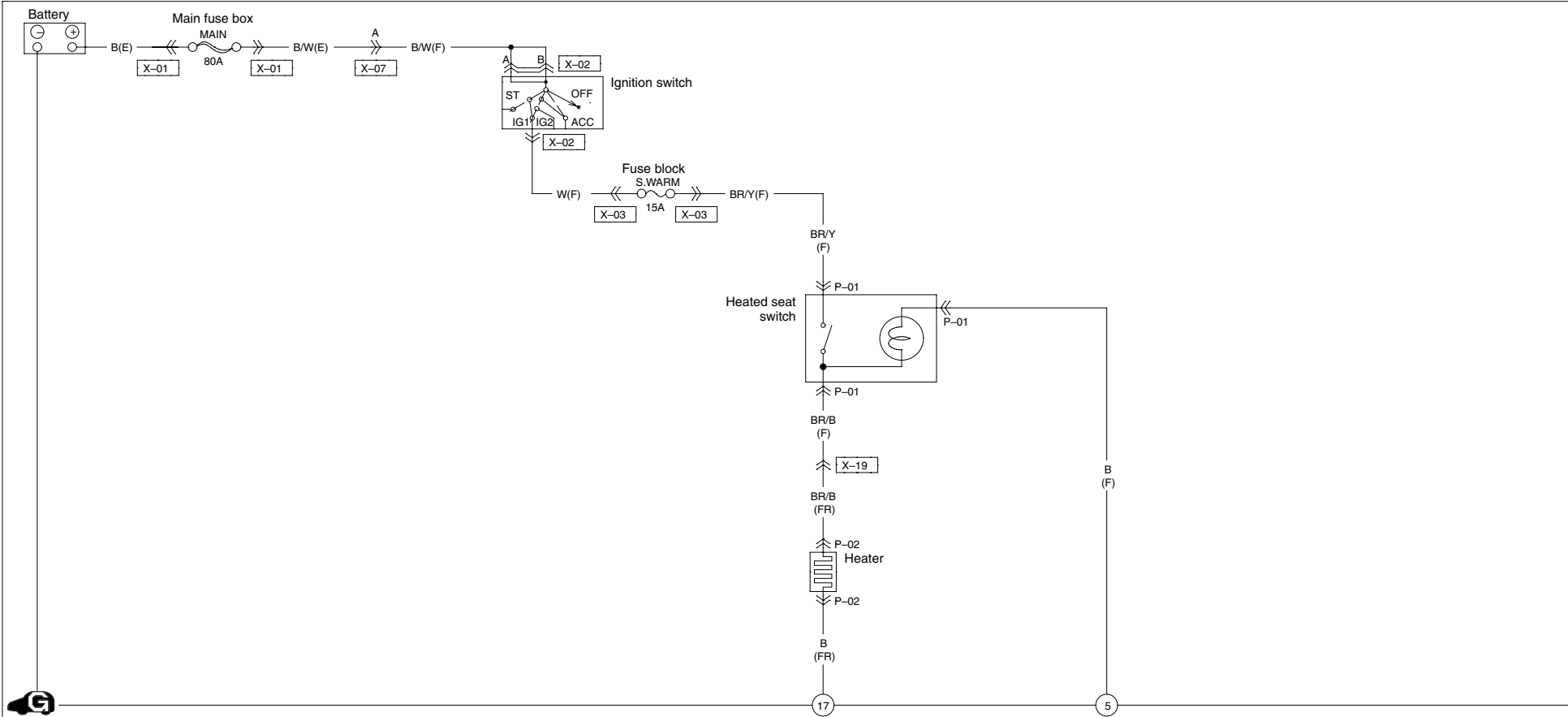
 (F)
  (E)
  (R)
 Harness symbol



Heated seats (before model year 2002)

P

Z Wiring Diagram



P-01 Heated seat switch (F)

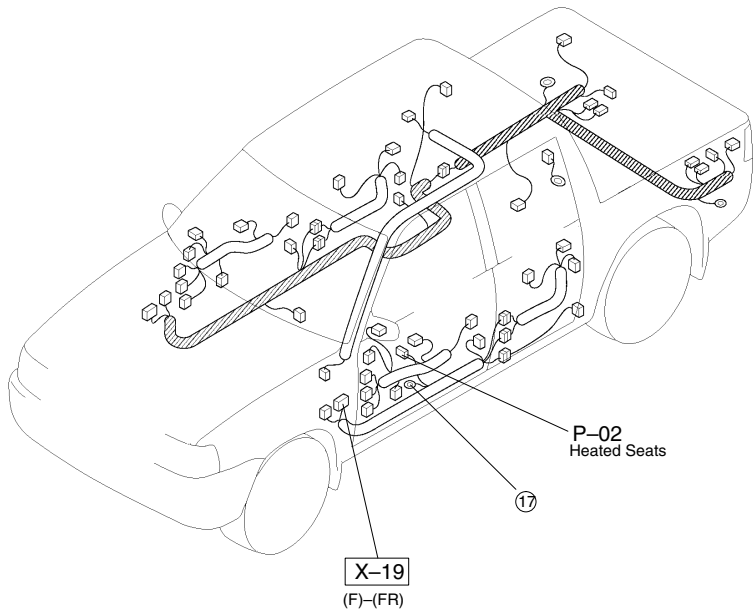
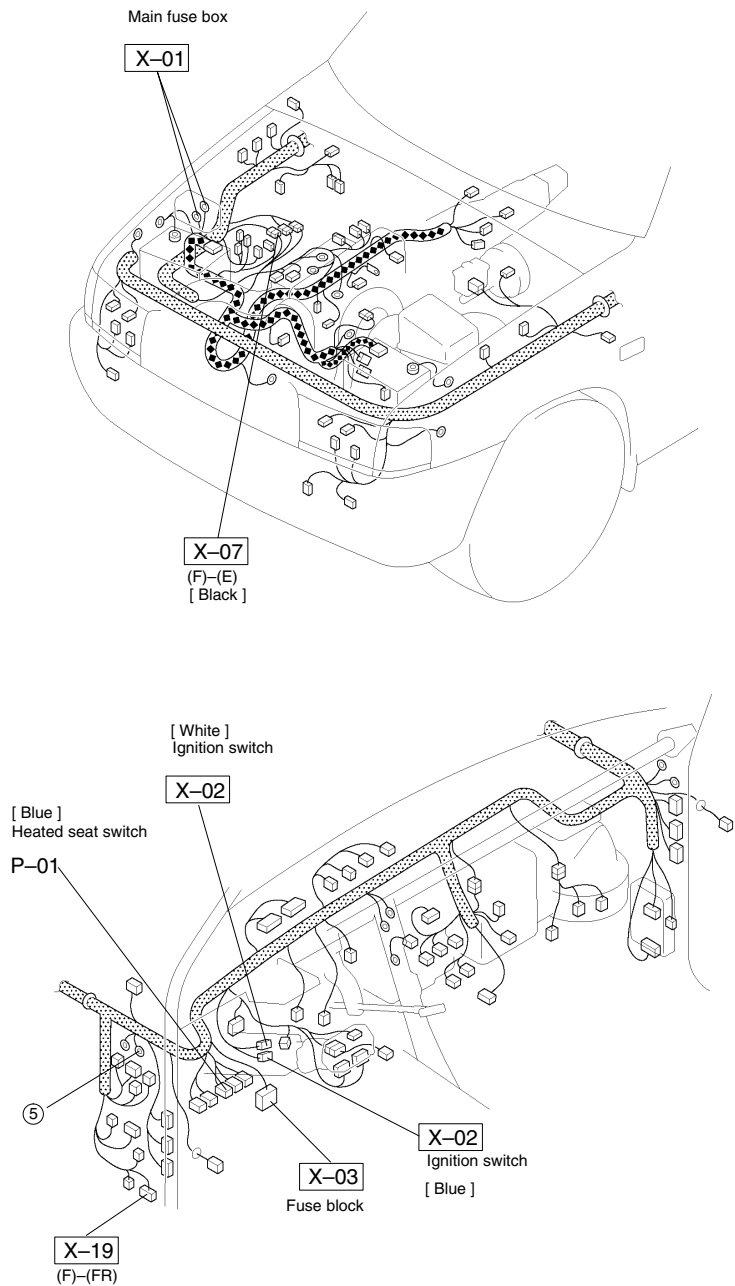
*	BR/B	*
B	BR/Y	*

P-02 Heater (FR)

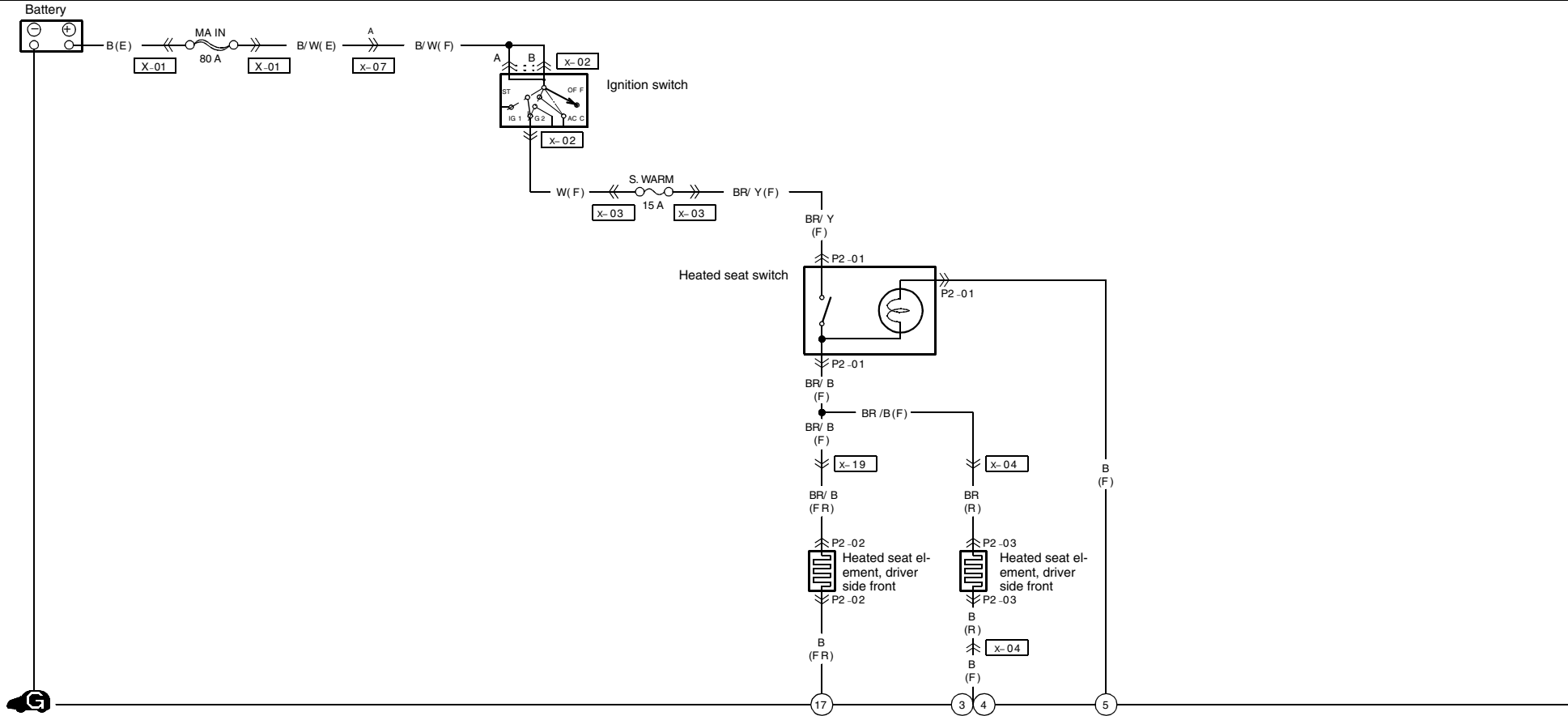
BR/B
B

Z-121

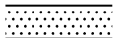
(F) (E) (R) Harness symbol

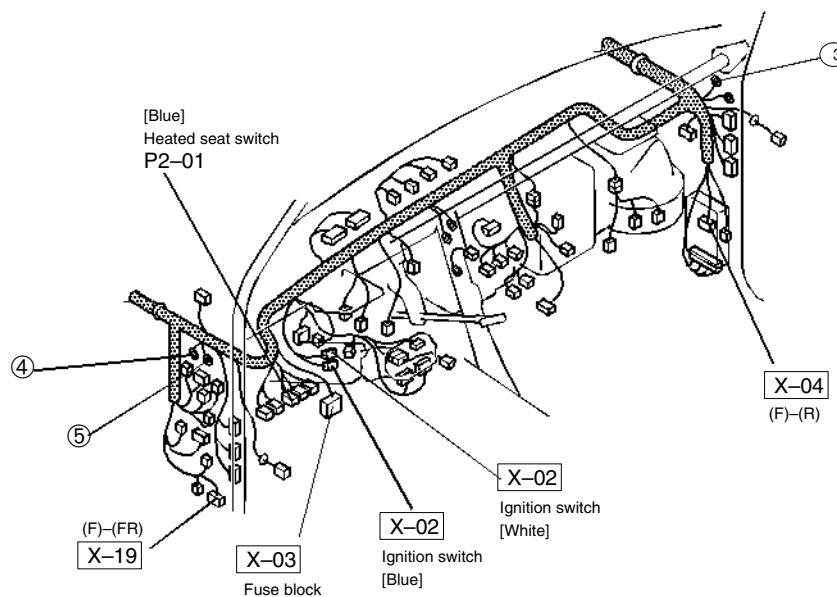
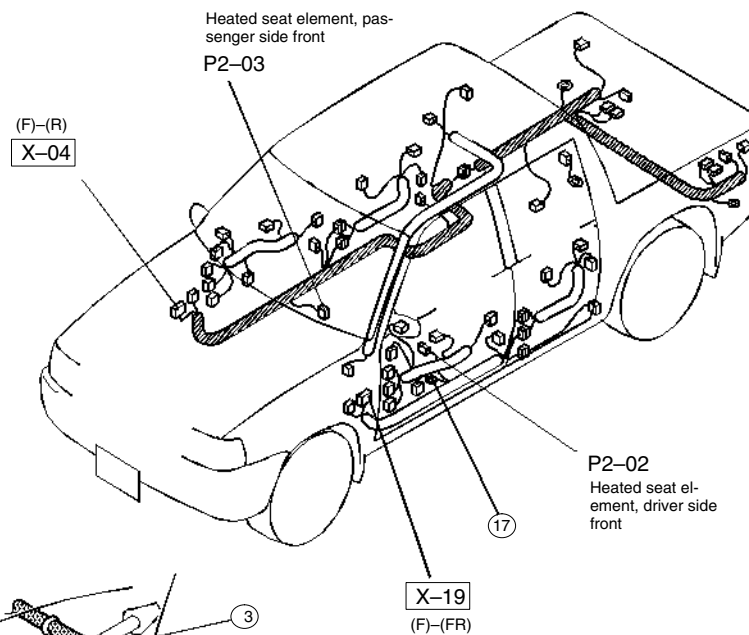
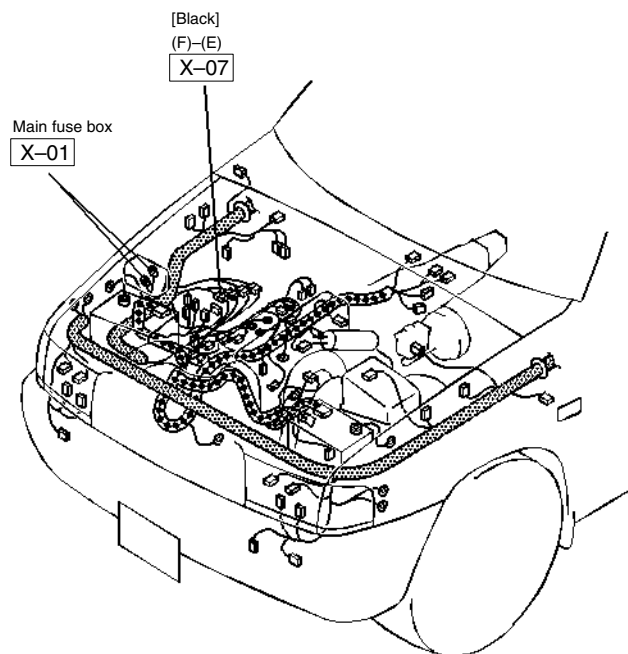


Heated seats (WL-3, WLT-3, as of model year 2002)



P2-01 Heated seat switch (F) * BR/B * B BR/Y *		P2-02 Heated seat element, driver side front (FR) BR/B B	P2-03 Heated seat element, passenger side front (R) BR B			

 (F)
  (E)
  (R)
 Harness symbol

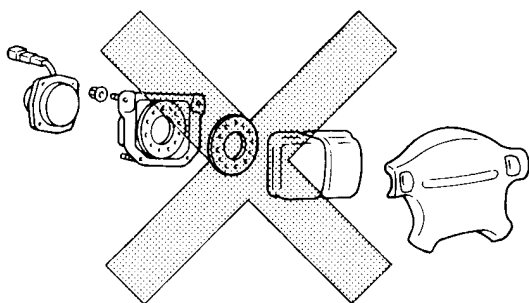


Air Bags

Service Warnings

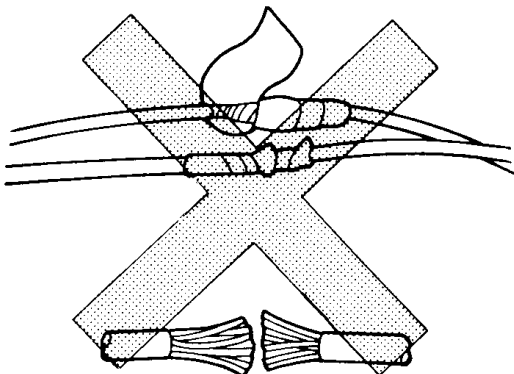
Component Disassembly

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



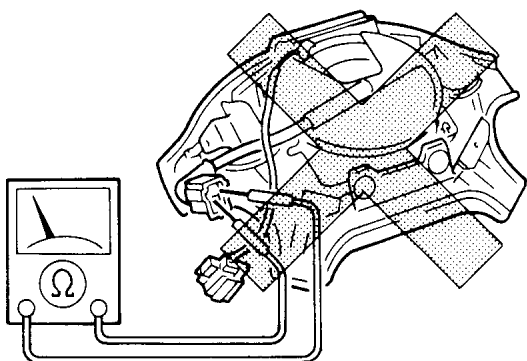
Wiring Harness Repair

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



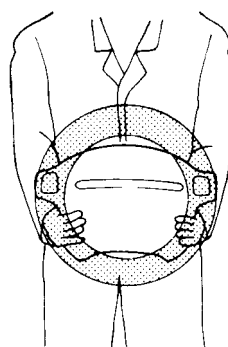
Air Bag Inspection

- Inspecting an air bag using an ohmmeter can deploy the air bag, which may cause serious injury. Do not use an ohmmeter to inspect an air bag. Always use the on-board diagnostic function to diagnose the air bag for malfunctions. (Refer to ON-BOARD DIAGNOSTIC FUNCTION; AIR BAG SYSTEM.)

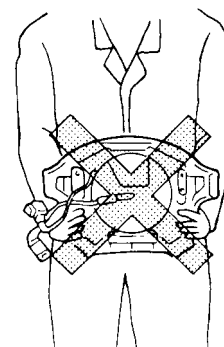


Air Bag Handling

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

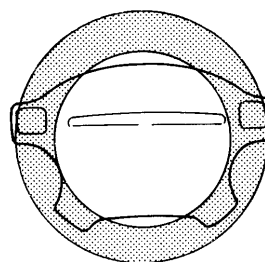


RIGHT

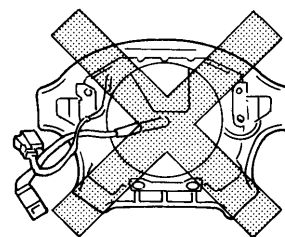


WRONG

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



RIGHT



WRONG

Air Bag Module Handling

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

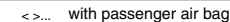
Component Handling

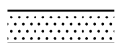
- Oil, grease, water, etc. on components may cause the air bags to fail to deploy in an accident, which may cause serious injury. Do not allow oil, grease, water, etc. on components.
- Inserting a screwdriver etc. into the connector of an air bag may damage the connector and cause the air bag to deploy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

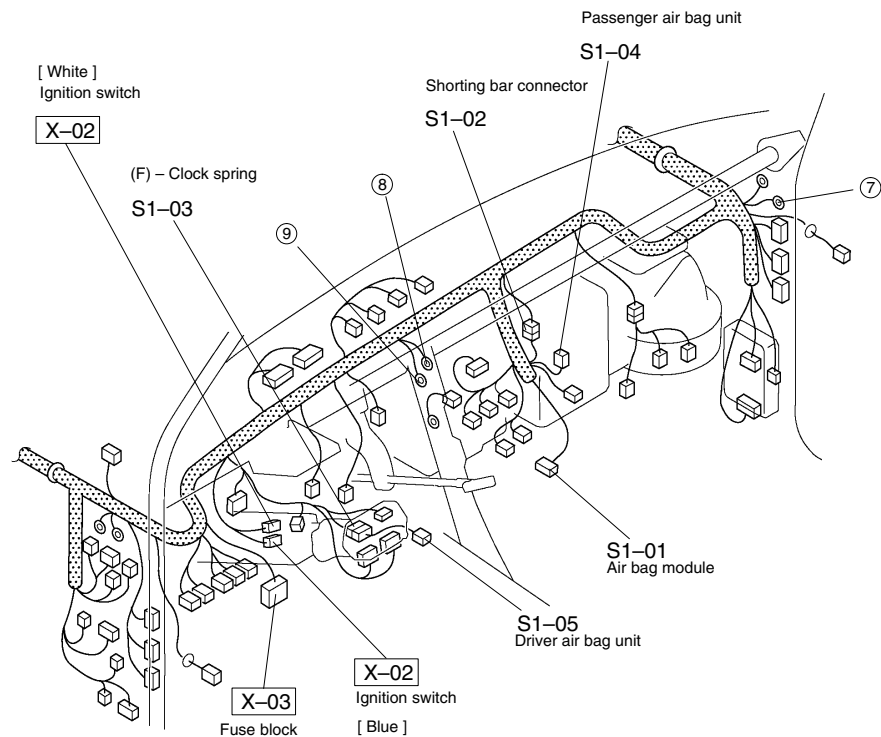
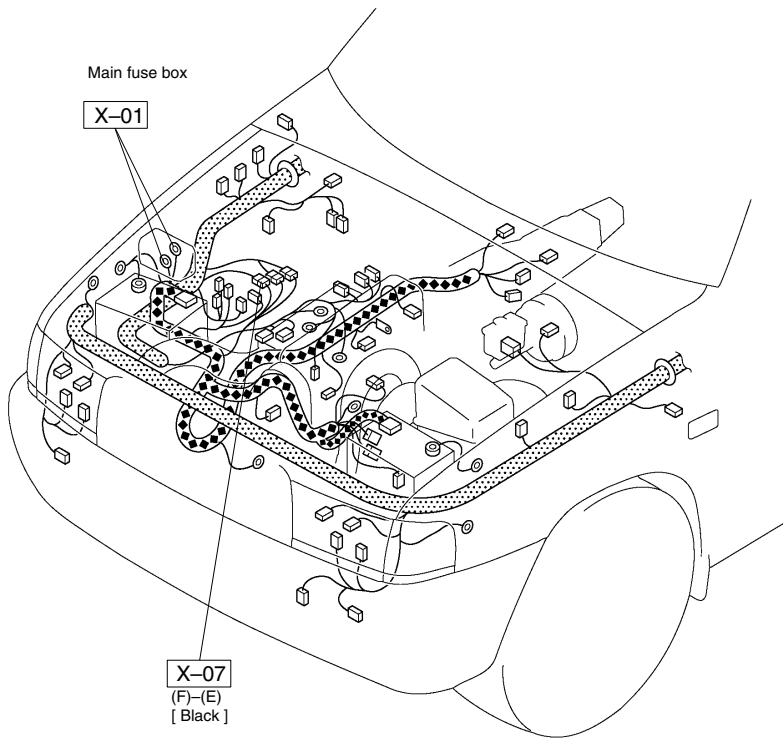
Component Reusing

- Even if an air bag does not deploy in a collision and does not have any external signs of damage, it may have been damaged internally, which may cause improper operation. Improper operation may cause serious injury. Always self-check the undamaged air bag to determine whether it can be reused. (Refer to ON-BOARD DIAGNOSTIC FUNCTION, AIR BAG SYSTEM.)

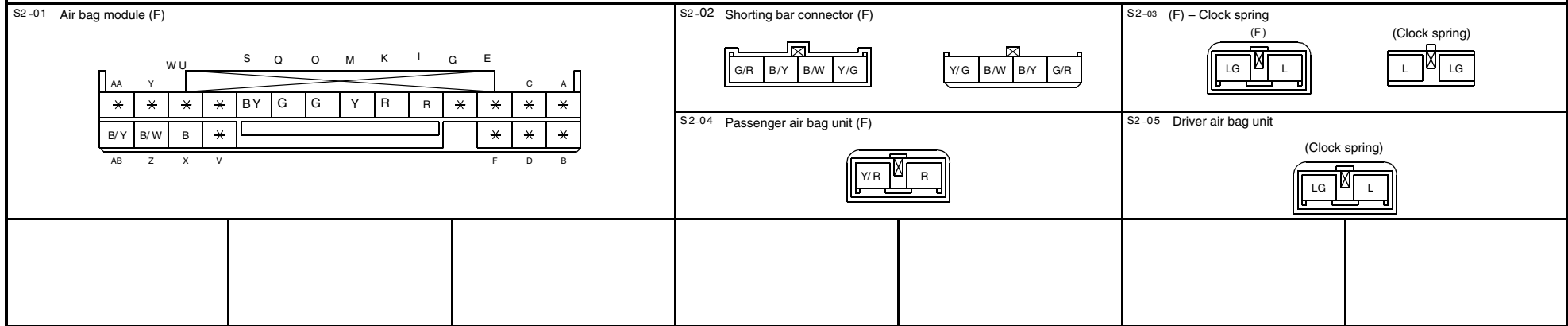
Z-127

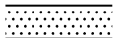


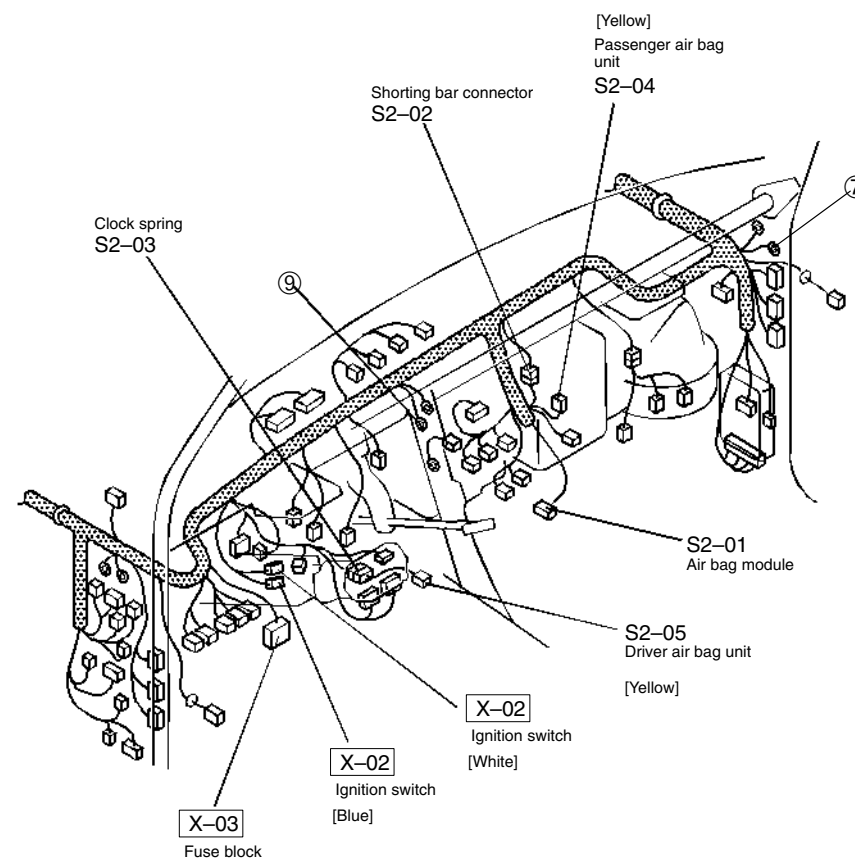
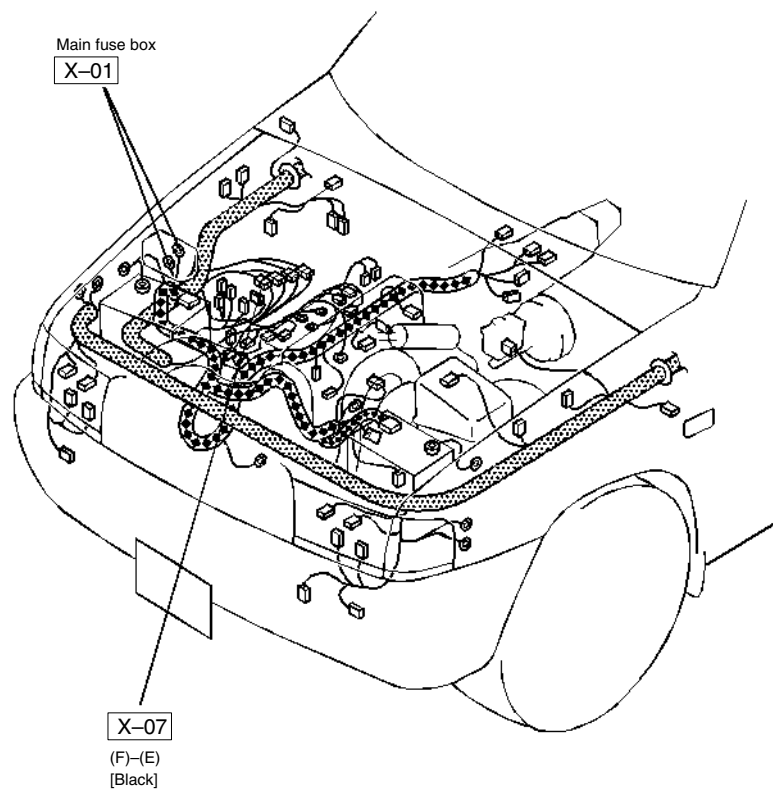
 (F)
  (E)
  (R)
 Harness symbol



Z-129

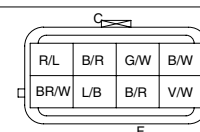
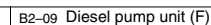
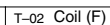


 (F)
  (E)
  (R)
 Harness symbol

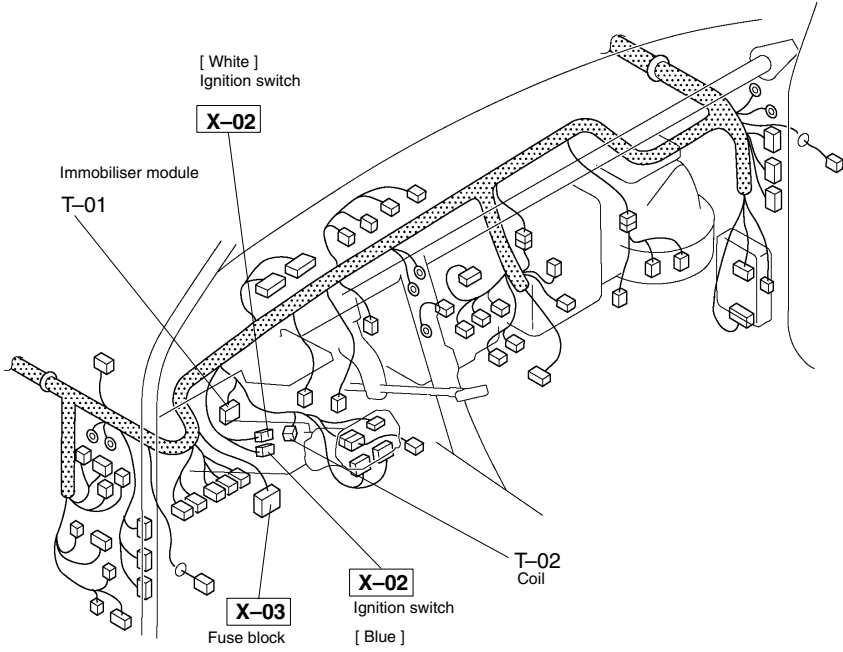
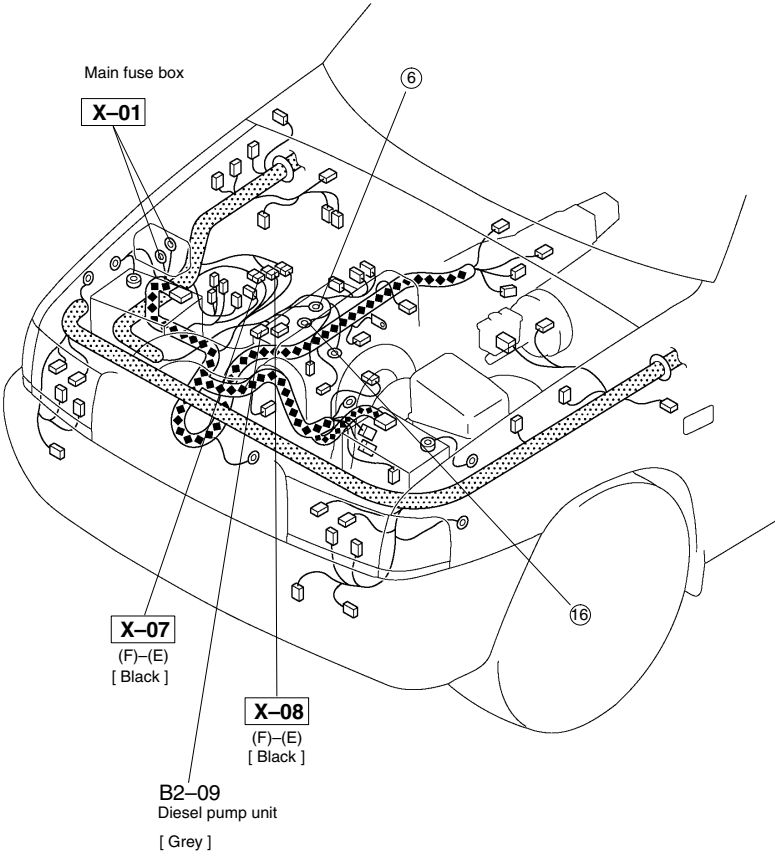


T

Z-131



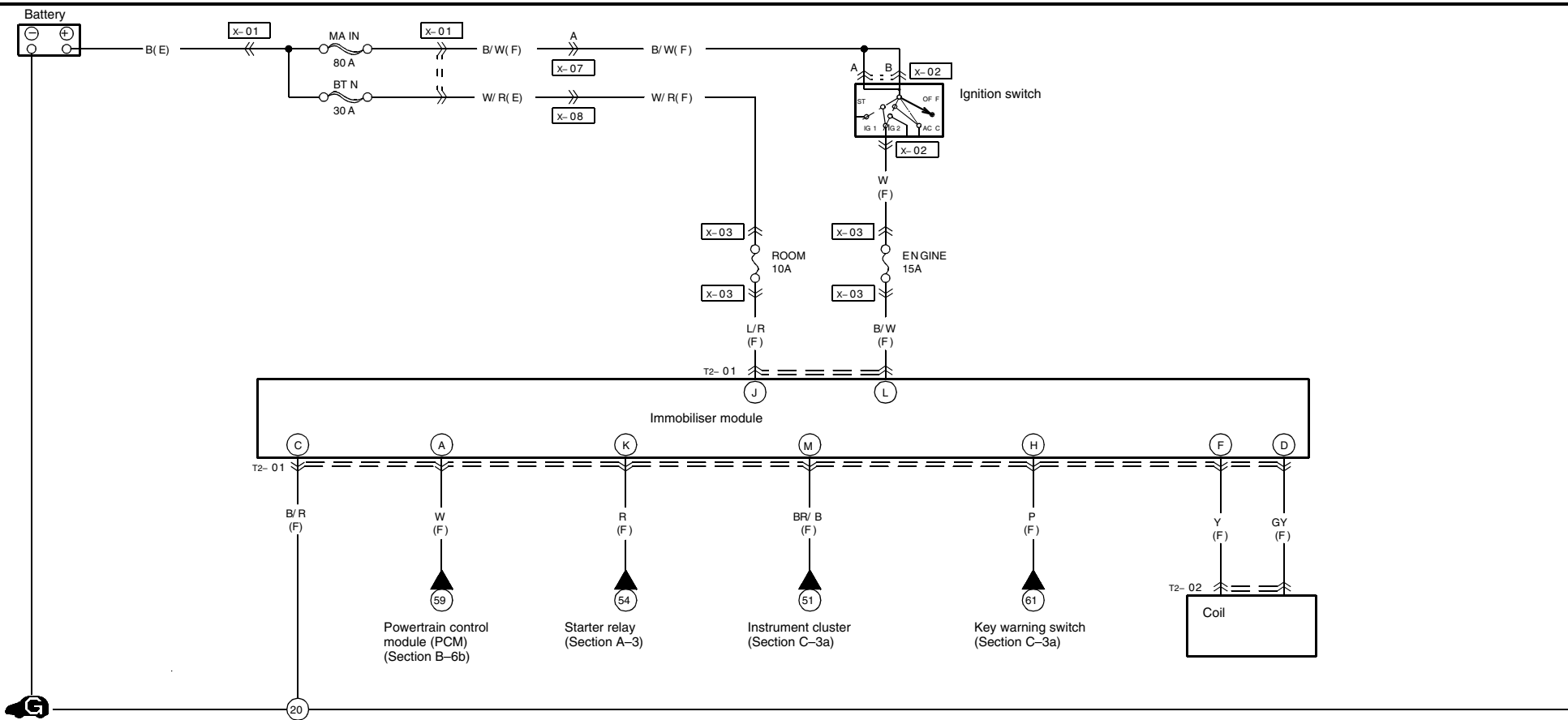
(F) (E) (R) Harness symbol



Immobiliser system (WL-3, WLT-3, as of model year 2002)

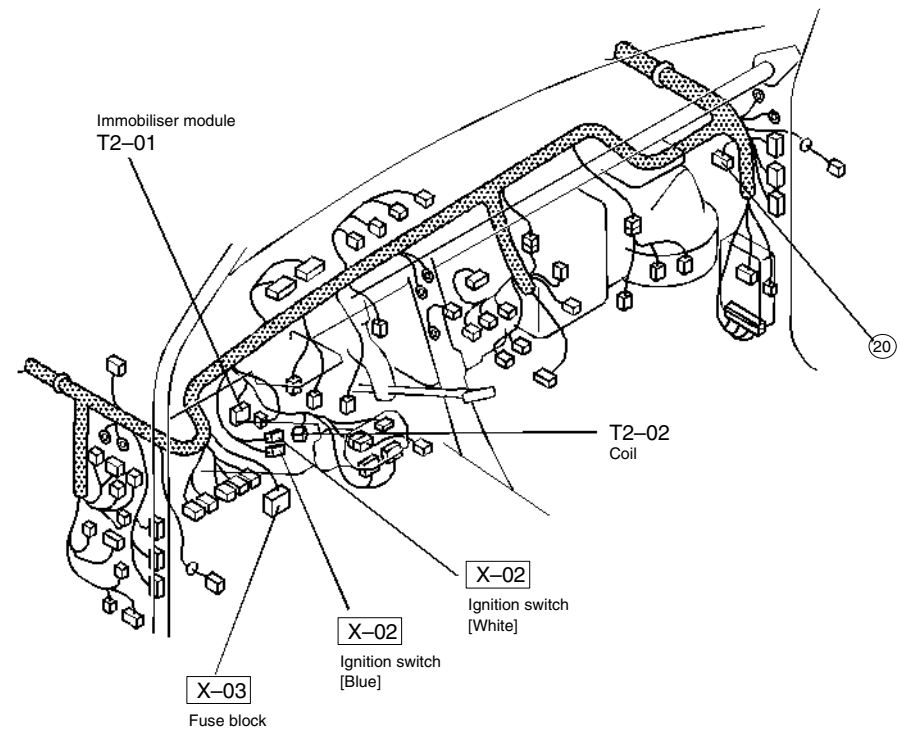
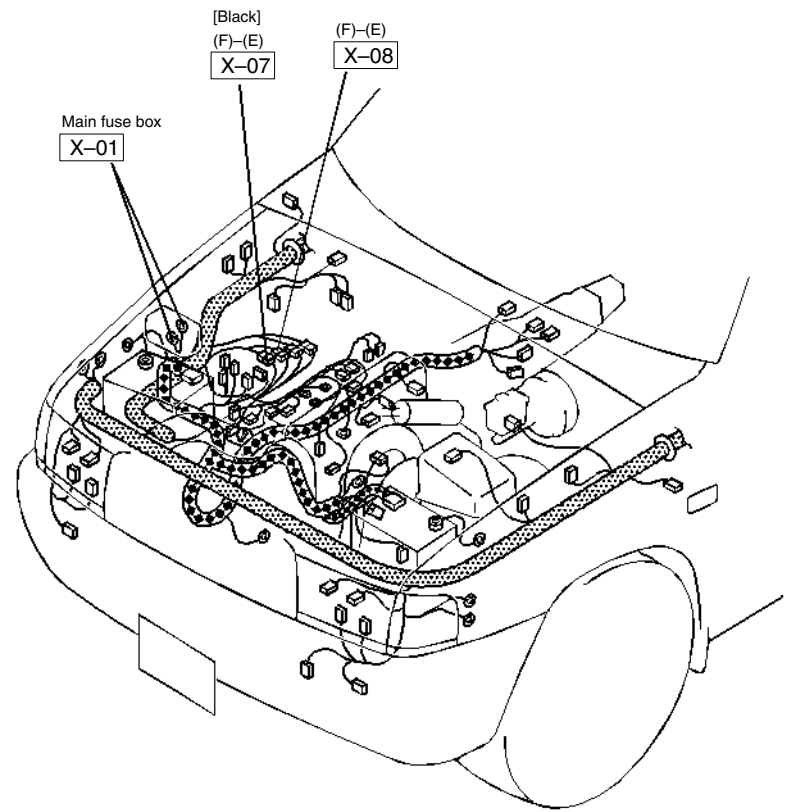
T-2

Wiring Diagram



T2-01 Immobiliser module (F)		T2-02 Coil (F)																																						
<table><tr><td>M</td><td>K</td><td>I</td><td>G</td><td>E</td><td>C</td><td>A</td></tr><tr><td>BR /B</td><td>R</td><td colspan="2"></td><td>*</td><td>B/R</td><td>W</td></tr><tr><td>*</td><td>B/W</td><td>L/R</td><td>P</td><td>Y</td><td>GY</td><td>*</td></tr><tr><td>N</td><td>L</td><td>J</td><td>H</td><td>F</td><td>D</td><td>B</td></tr></table>		M	K	I	G	E	C	A	BR /B	R			*	B/R	W	*	B/W	L/R	P	Y	GY	*	N	L	J	H	F	D	B	<table><tr><td colspan="3"></td></tr><tr><td>GY</td><td>*</td><td>Y</td></tr></table>					GY	*	Y			
M	K	I	G	E	C	A																																		
BR /B	R			*	B/R	W																																		
*	B/W	L/R	P	Y	GY	*																																		
N	L	J	H	F	D	B																																		
																																								
GY	*	Y																																						

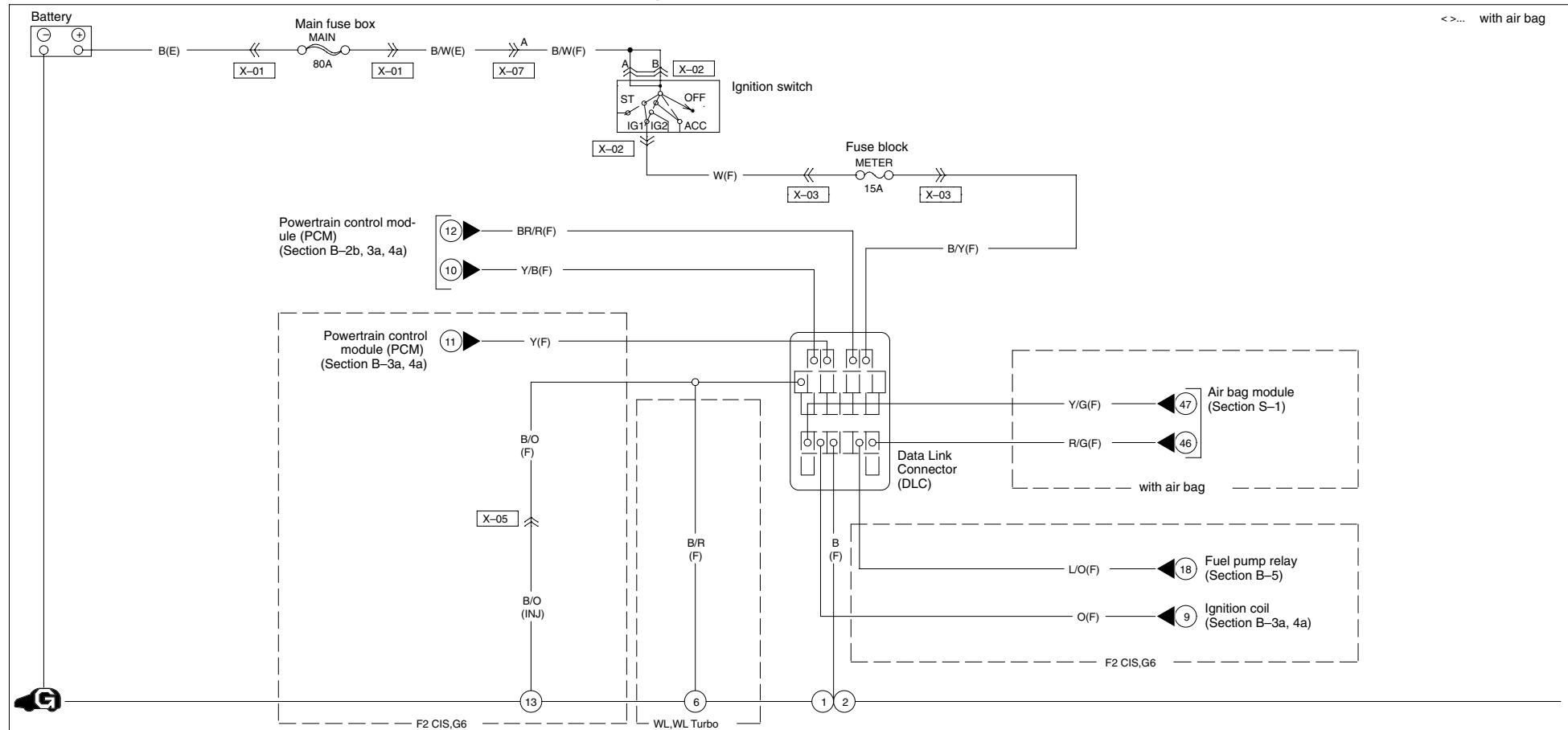
(F) (E) (R) Harness symbol



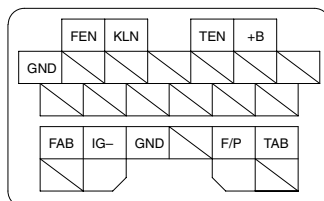
Data Link Connector (DLC) (before model year 2002)

U

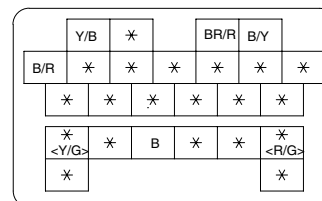
Wiring Diagram



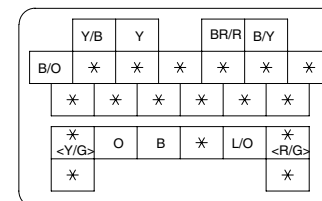
U-01 Data Link Connector (DLC) (F)



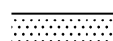
WL, WL Turbo (European specifications)

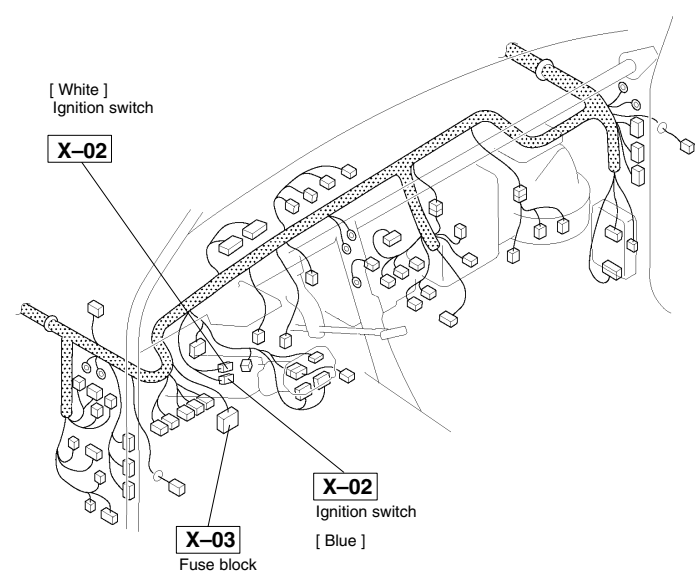
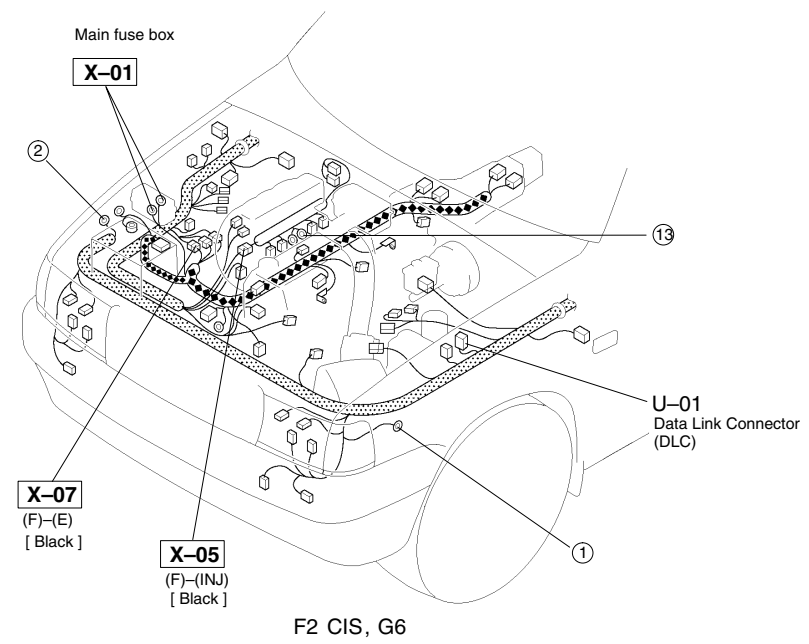
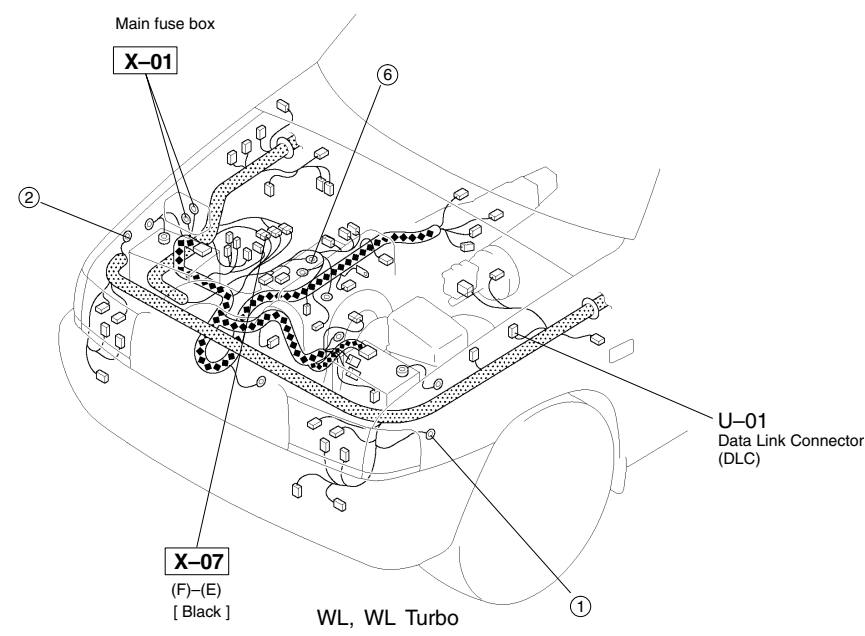


F2 CIS, G6



Note: This is the connector as seen from the terminal side.

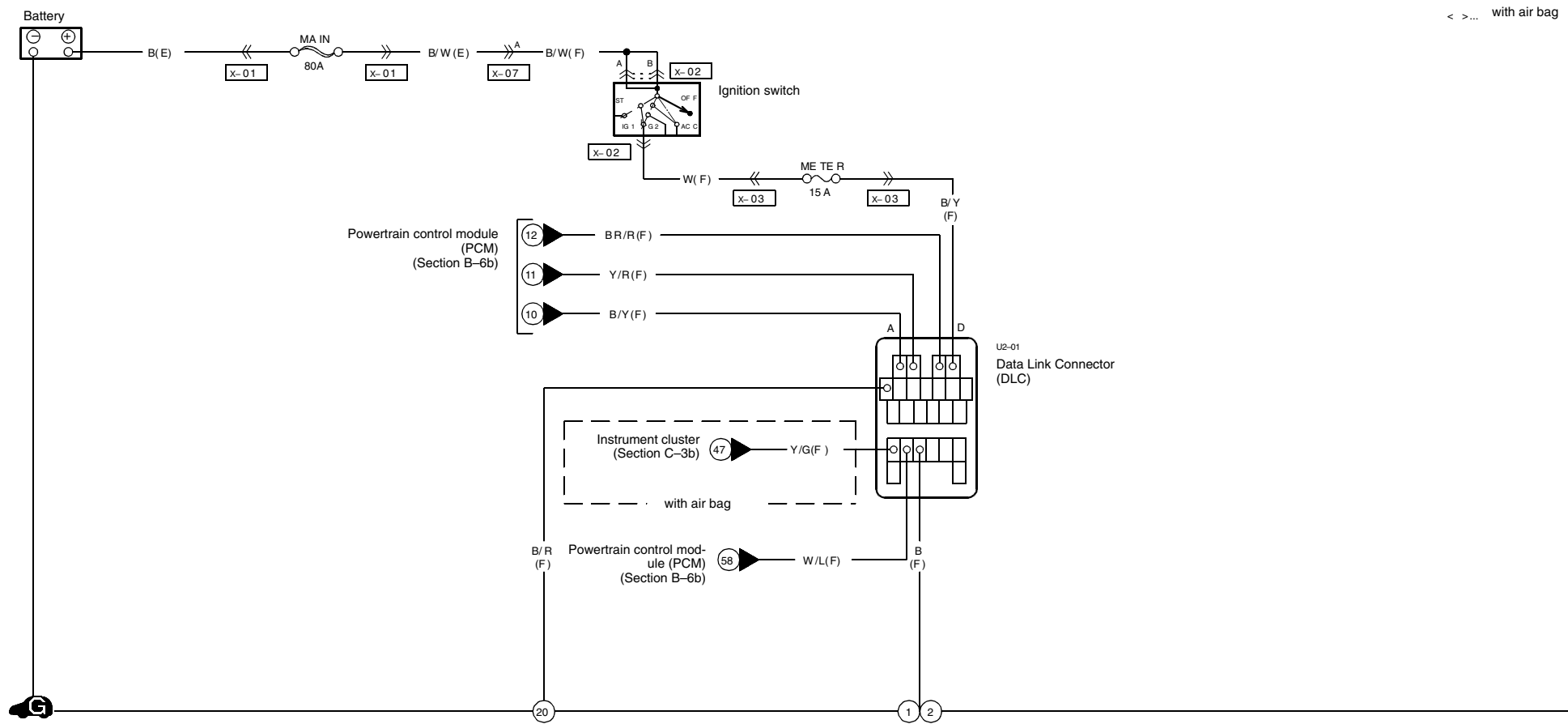
 (F)
  (E)
  (R)
 Harness symbol



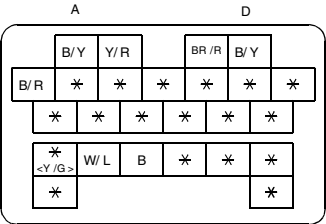
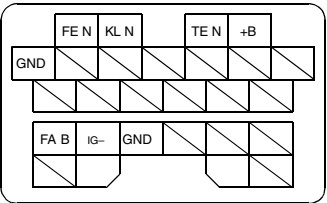
Data Link Connector (DLC) (WL-3, WLT-3, as of model year 2002)

U-2

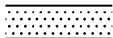
Wiring Diagram

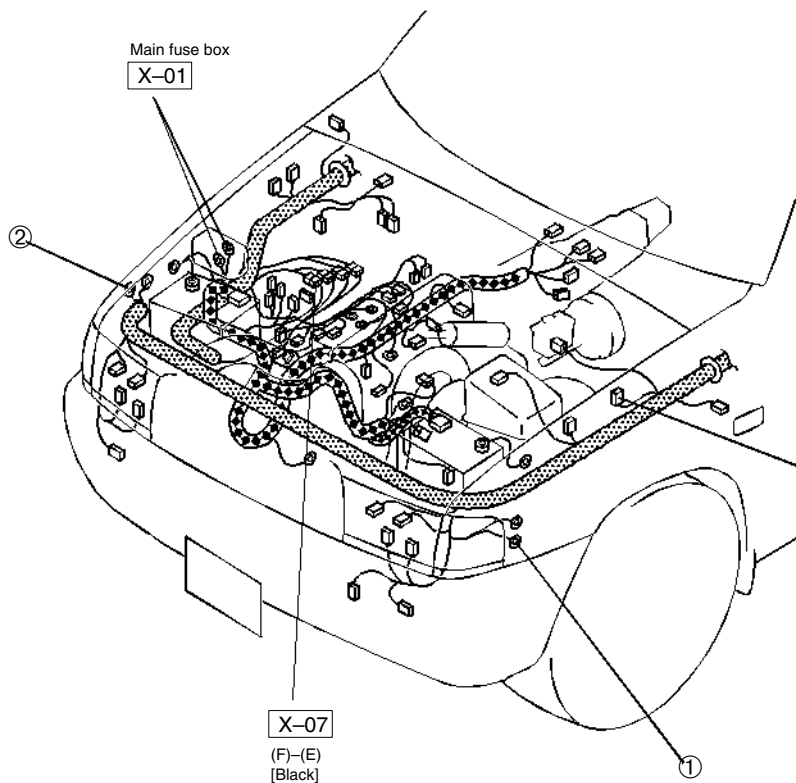


U2-01 Data Link Connector (DLC) (F)

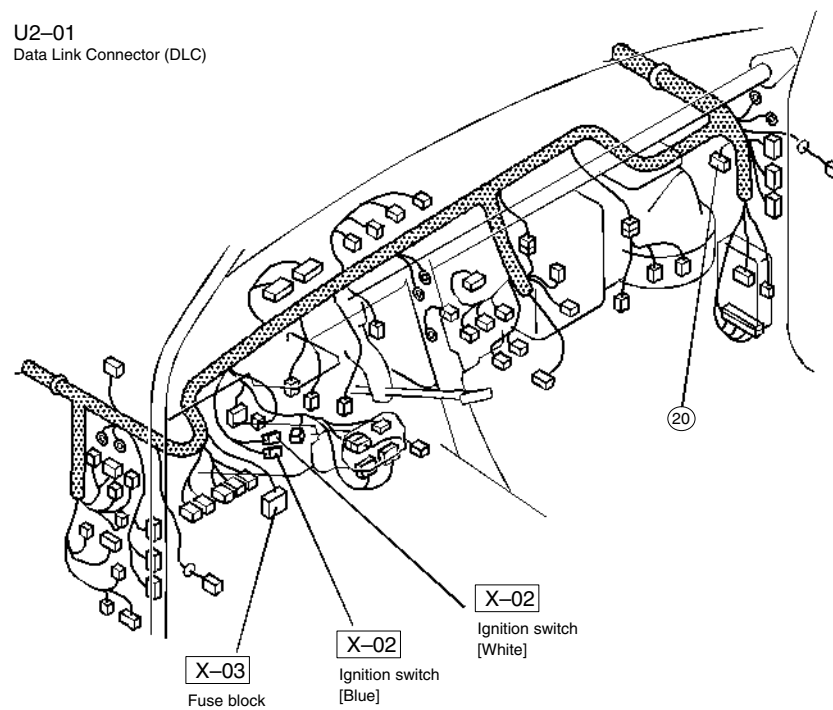


Note: This is the connector as seen from the terminal side.

 (F)
  (E)
  (R)
 Harness symbol



U2-01
Data Link Connector (DLC)

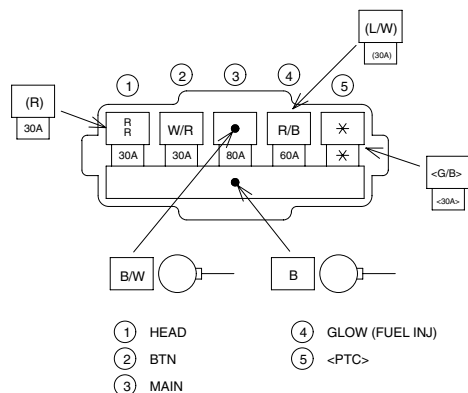


Connectors (before model year 2002)

X

Wiring Diagram

X-01 Main fuse box (E)

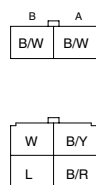


Note: This is the connector as seen from the terminal side.

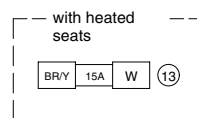
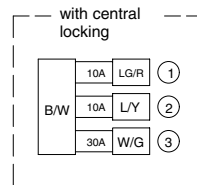
< >... with fuel heater (Diesel)

()... F2 CIS, G6

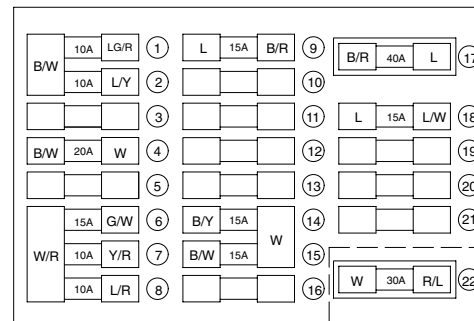
X-02 Ignition switch (F)



X-03 Fuse block (F)

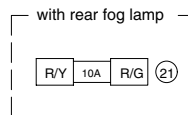


Note: This is the connector as seen from the terminal side.

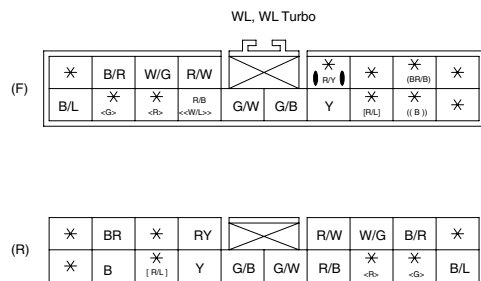


- ① (A/C)
- ② HAZARD
- ③ (D/L)
- ④ R.DEF
- ⑤ -
- ⑥ STOP
- ⑦ TAIL
- ⑧ ROOM
- ⑨ WIPER
- ⑩ -
- ⑪ -
- ⑫ -
- ⑬ S.WARM
- ⑭ METER
- ⑮ ENGINE
- ⑯ -
- ⑰ (HEATER)
- ⑱ CIGAR
- ⑲ -
- ⑳ -
- ㉑ R.FOG
- ㉒ (P.WIND)

with power windows

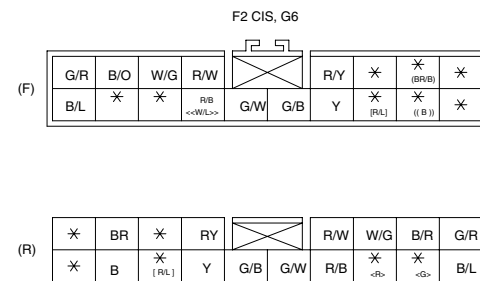


X-04 (F) - (R)



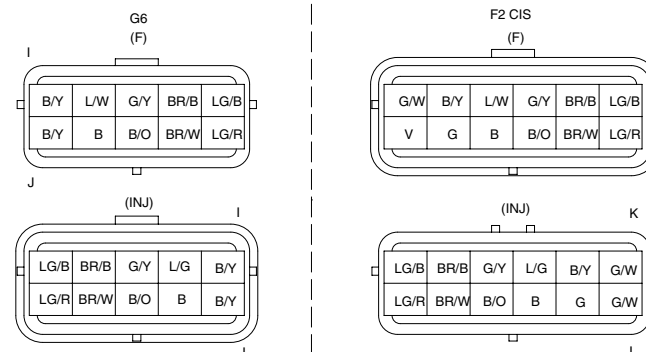
()... Heated Seats
● ● RH Front door entry switch

(())... not used
< >... Double cabin

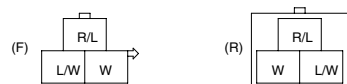


<< >>... with daytime running lamps
[]... European specifications (LHD)

X-05 (F) - (INJ)



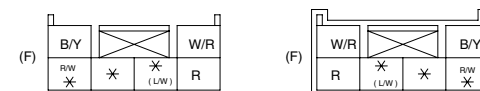
X-06 (F) - (R)



X-07(F) - (E)



X-08 (F) - (E)



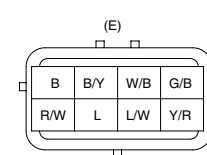
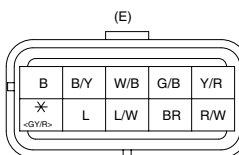
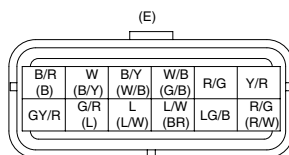
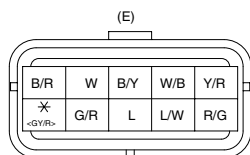
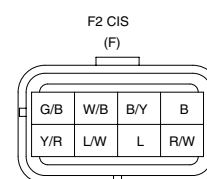
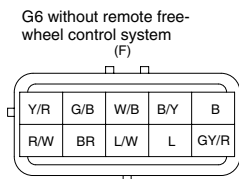
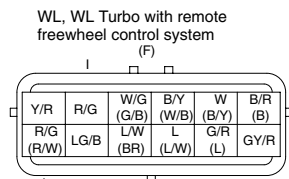
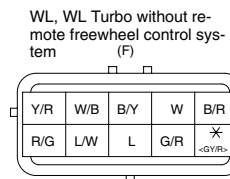
()... F2 CIS, G6

Connectors (before model year 2002)

X

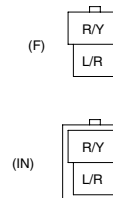
Z Wiring Diagram

X-09 (F) – (E)

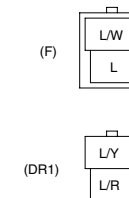


()...G6 > ...4X4

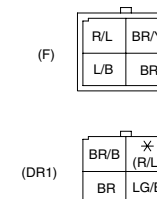
X-11(F) – (IN)



X-12 (F) – (DR1)

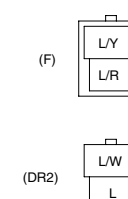


X-13(F) – (DR1)

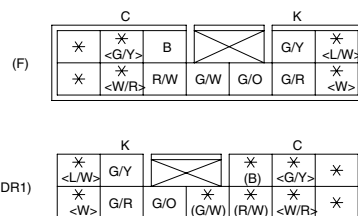


()... with power windows

X-15 (F) – (DR2)

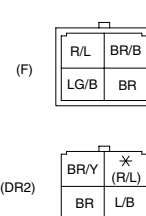


X-14 (F) – (DR1)



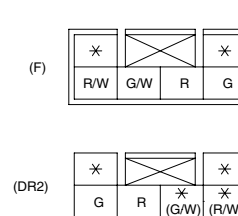
< >... Double cabin with power windows ()... with power windows

X-16 (F) – (DR2)



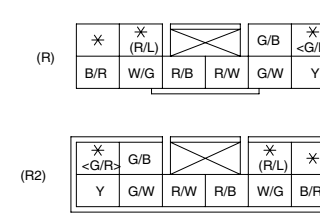
()... with power windows

X-17 (F) – (DR2)



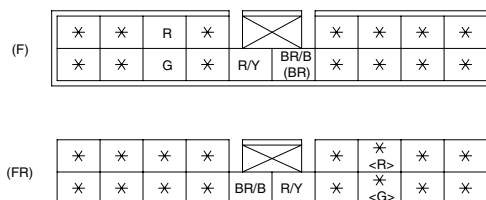
()... with power windows

X-18 (R) – (R2)



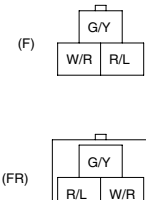
()... European specifications (LHD)
< >...F2 CIS,G6

X-19 (F) – (FR)

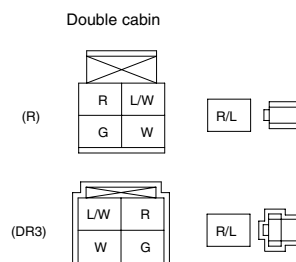


()... not used ()... Double cabin

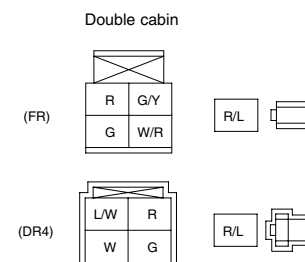
X-20 (F) – (FR)



X-21 (R) – (DR3)



X-22 (FR) – (DR4)



X



Connectors (WL-3, WLT-3, as of model year 2002)

X

Z Wiring Diagram

X-18 (R) – (R2)

(R)

*	R/L			G/B	(G/R)
B/R	W/G	R/B	R/W	G/W	Y

(R2)

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

()... not used

X-19 (F) – (FR)

(F)

*	*	R	*			*	*	*	*
*	*	G	*	R/Y	BR/B	*	*	*	*

(FR)

*	*	*	*			*	* <R>	*	*
*	*	*	*	* (B R/B)	R/Y	*	* <G>	*	*

()... with heated seats

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