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Routing diagram

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

Connector symbol

Shows the system that uses the connector.

(Example)

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

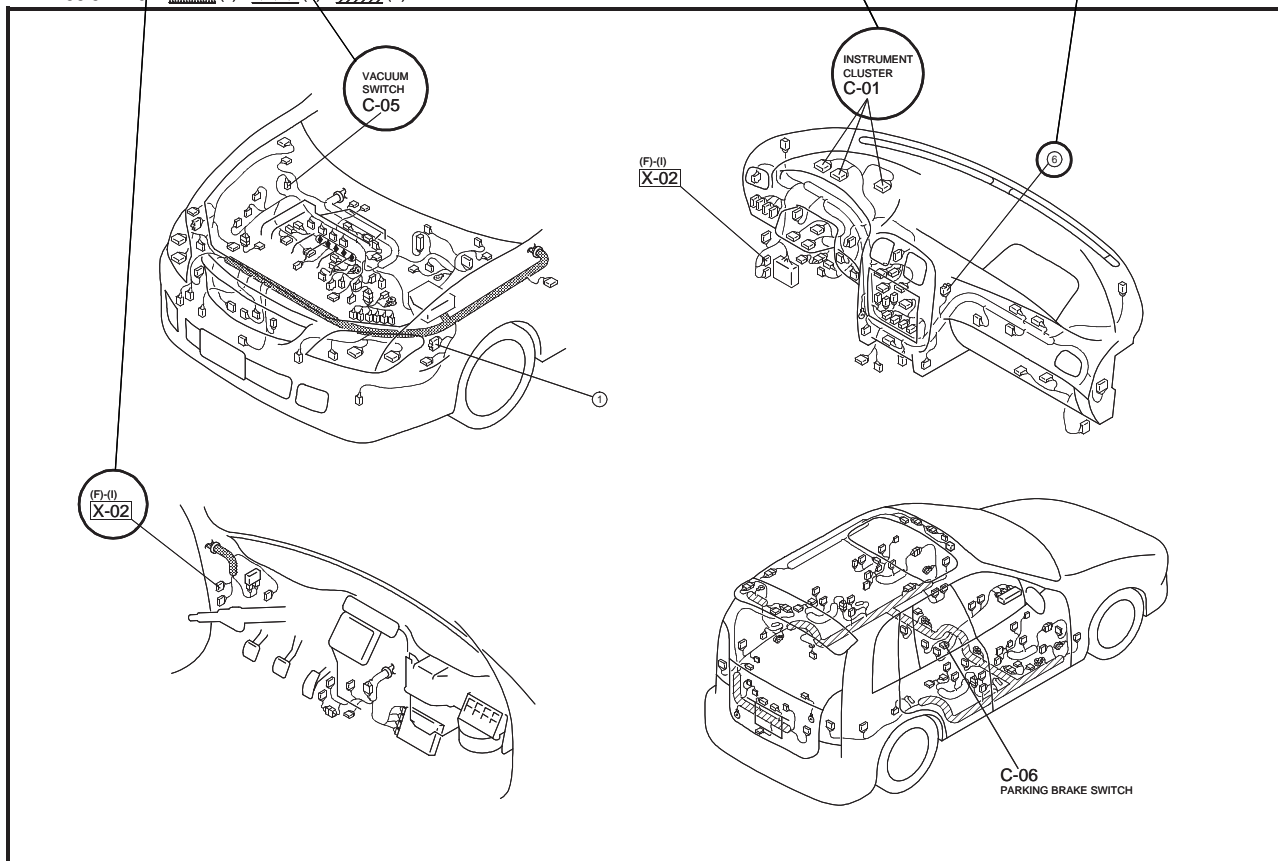
Component name

Shows the names of components in routing diagrams.

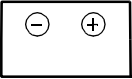

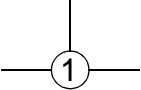

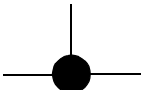



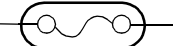
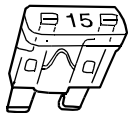
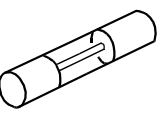


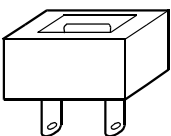
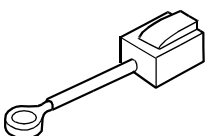
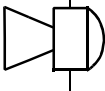
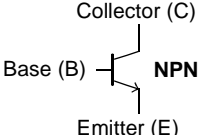
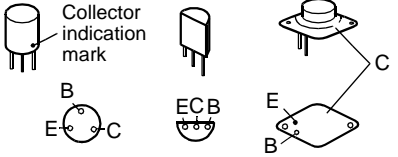
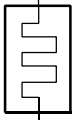
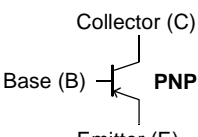

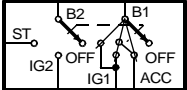
Ground symbol

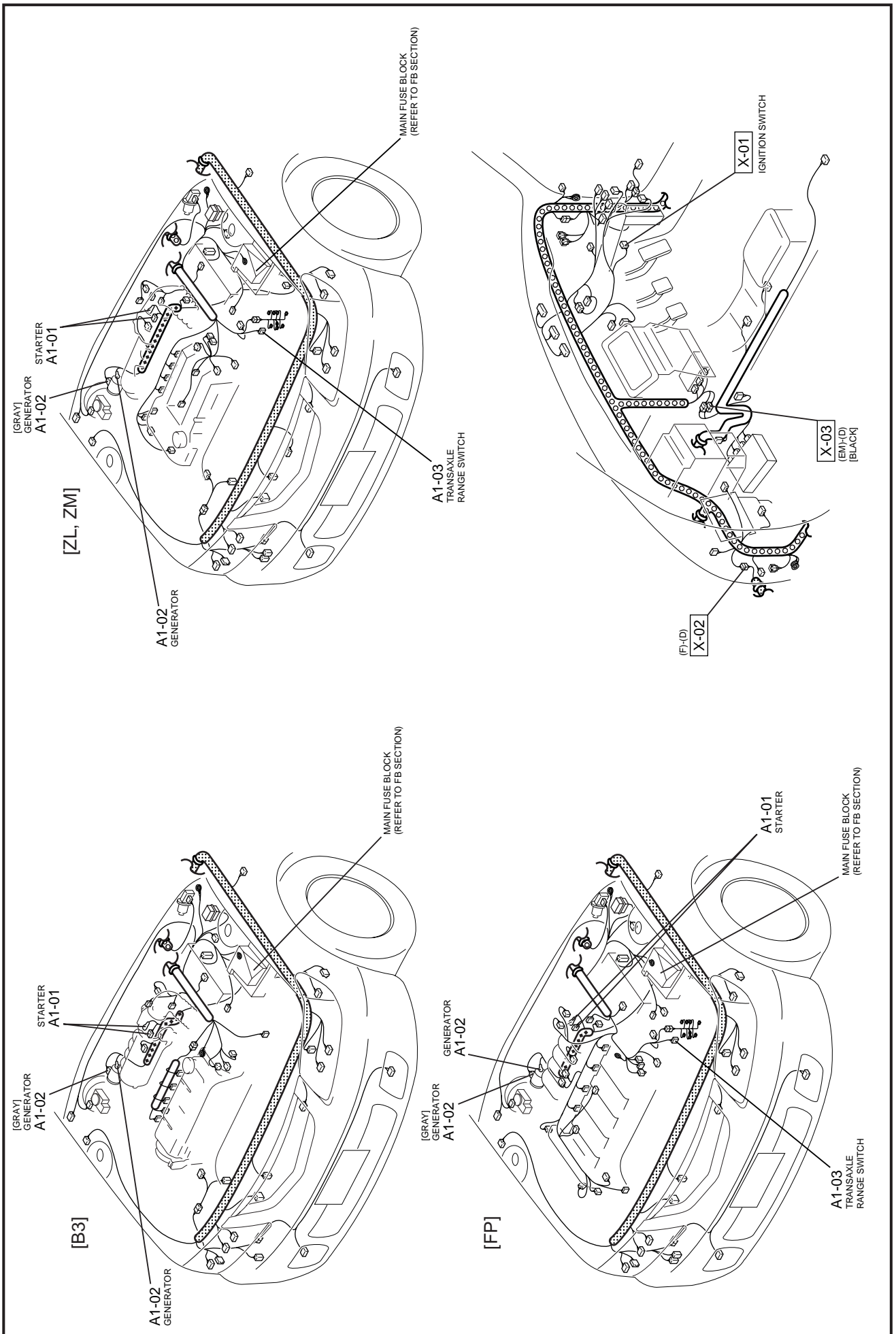
Shows the ground in system diagrams.

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

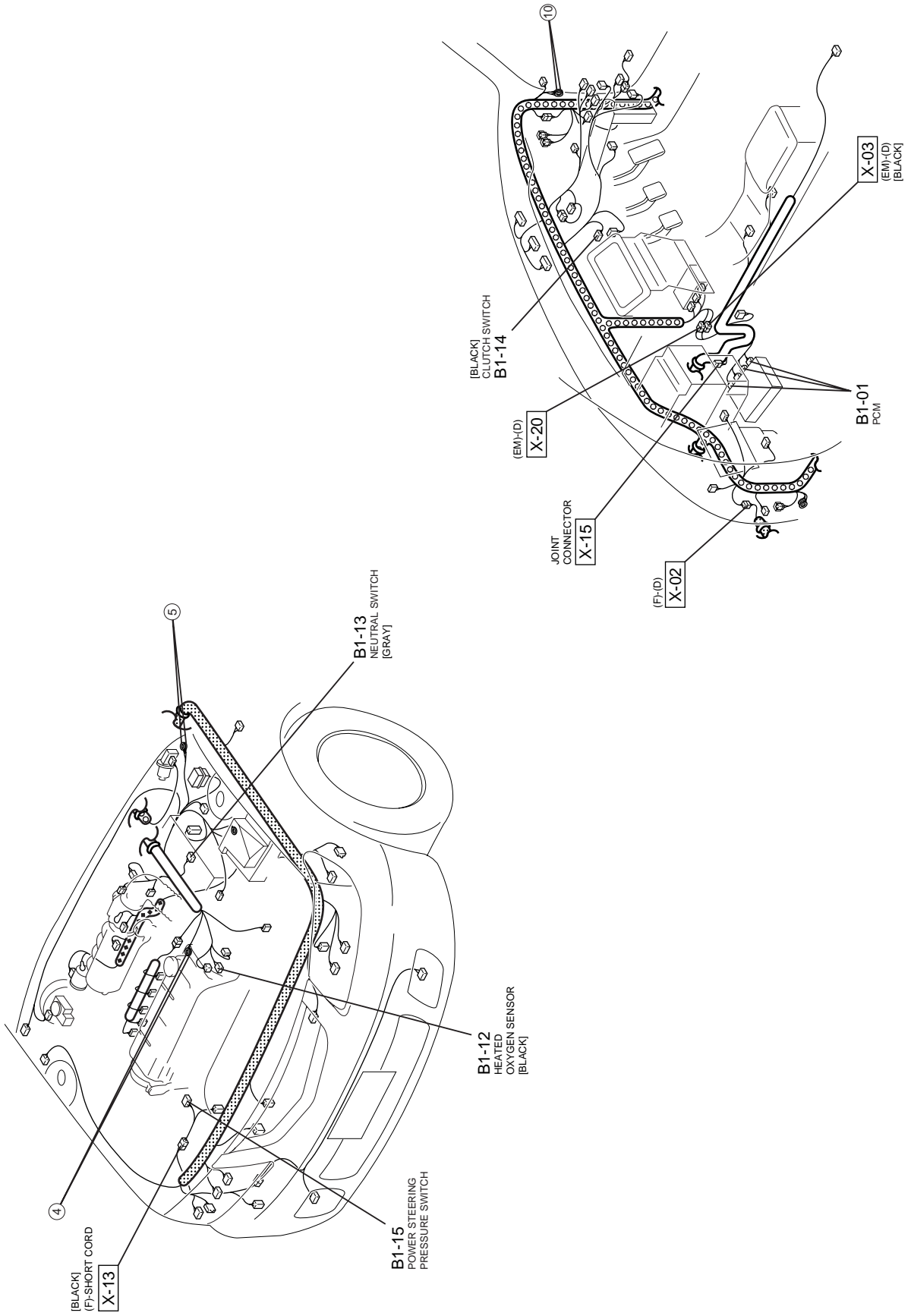


Symbols

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



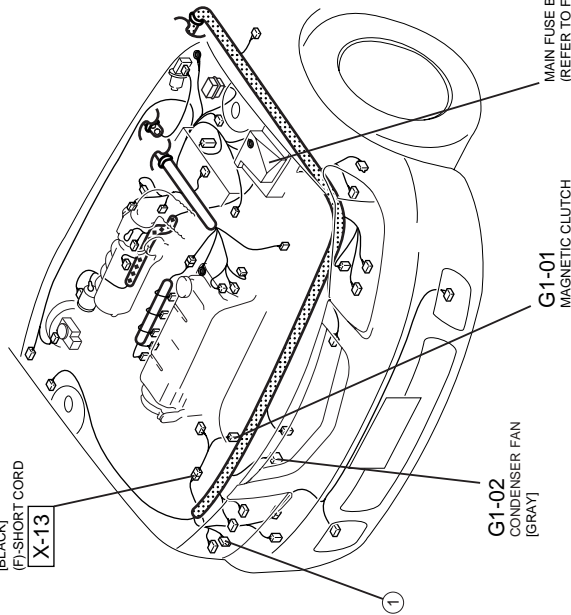
HARNES SYMBOL: [Symbol] (F) [Symbol] (E) [Symbol] (R) [Symbol] (D)



HARNES SYMBOL: [F] [E] [R] [D]

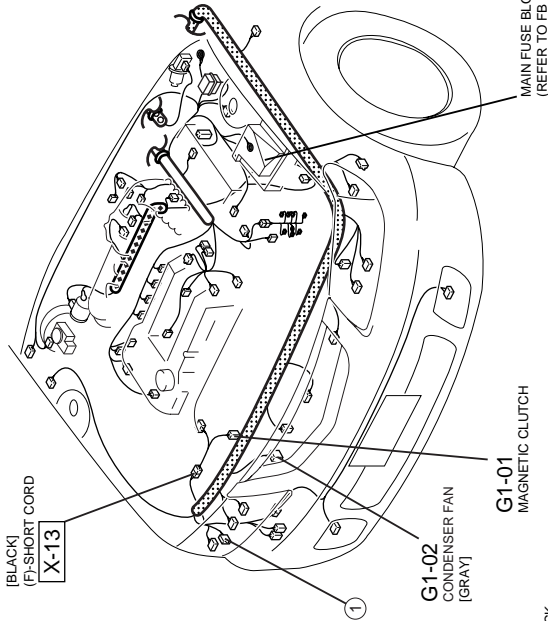
[B3]

[BLACK]
[F]-SHORT CORD
X-13



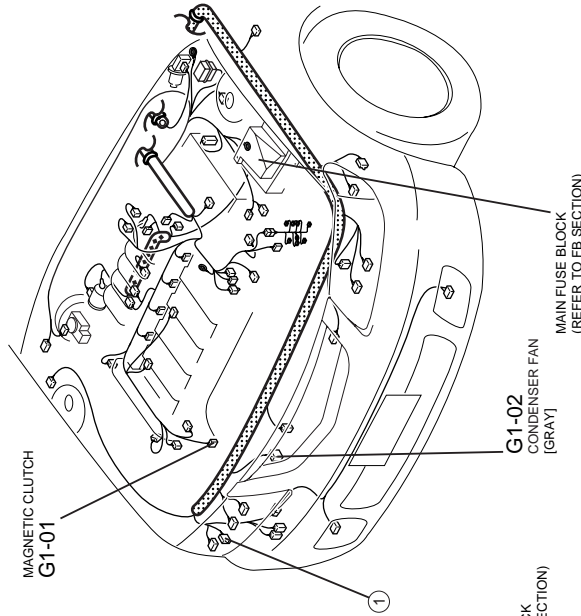
[ZL, ZM]

[BLACK]
[F]-SHORT CORD
X-13



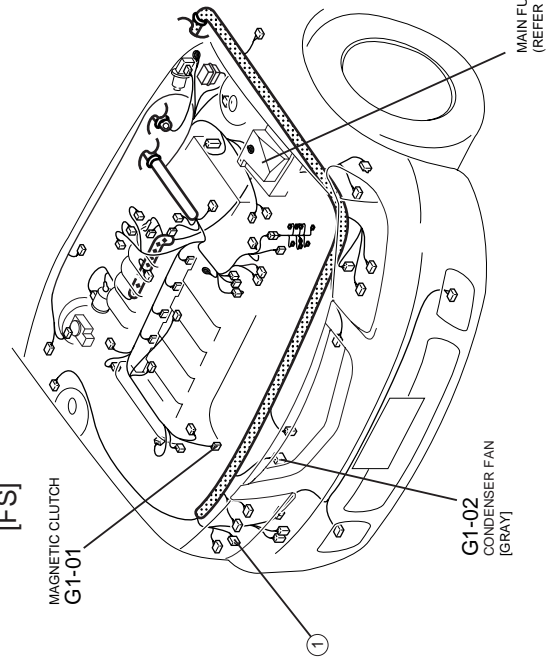
[FP]

MAGNETIC CLUTCH
G1-01

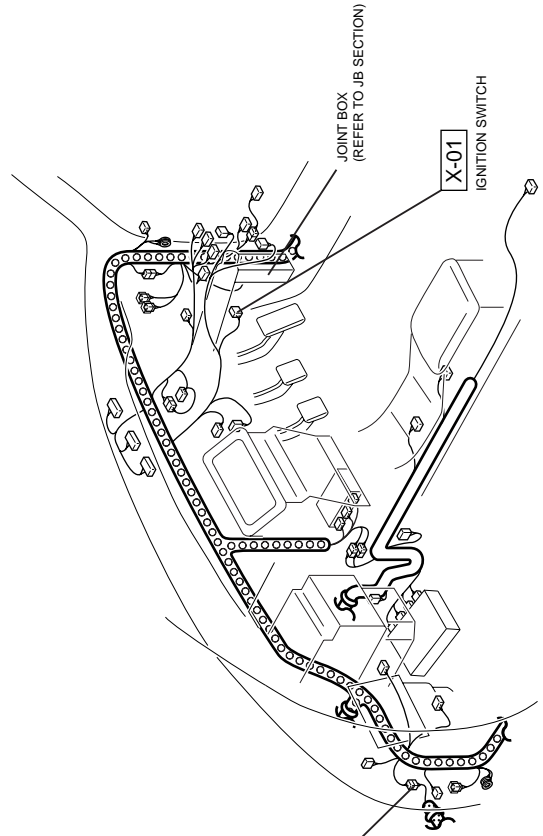


[FS]

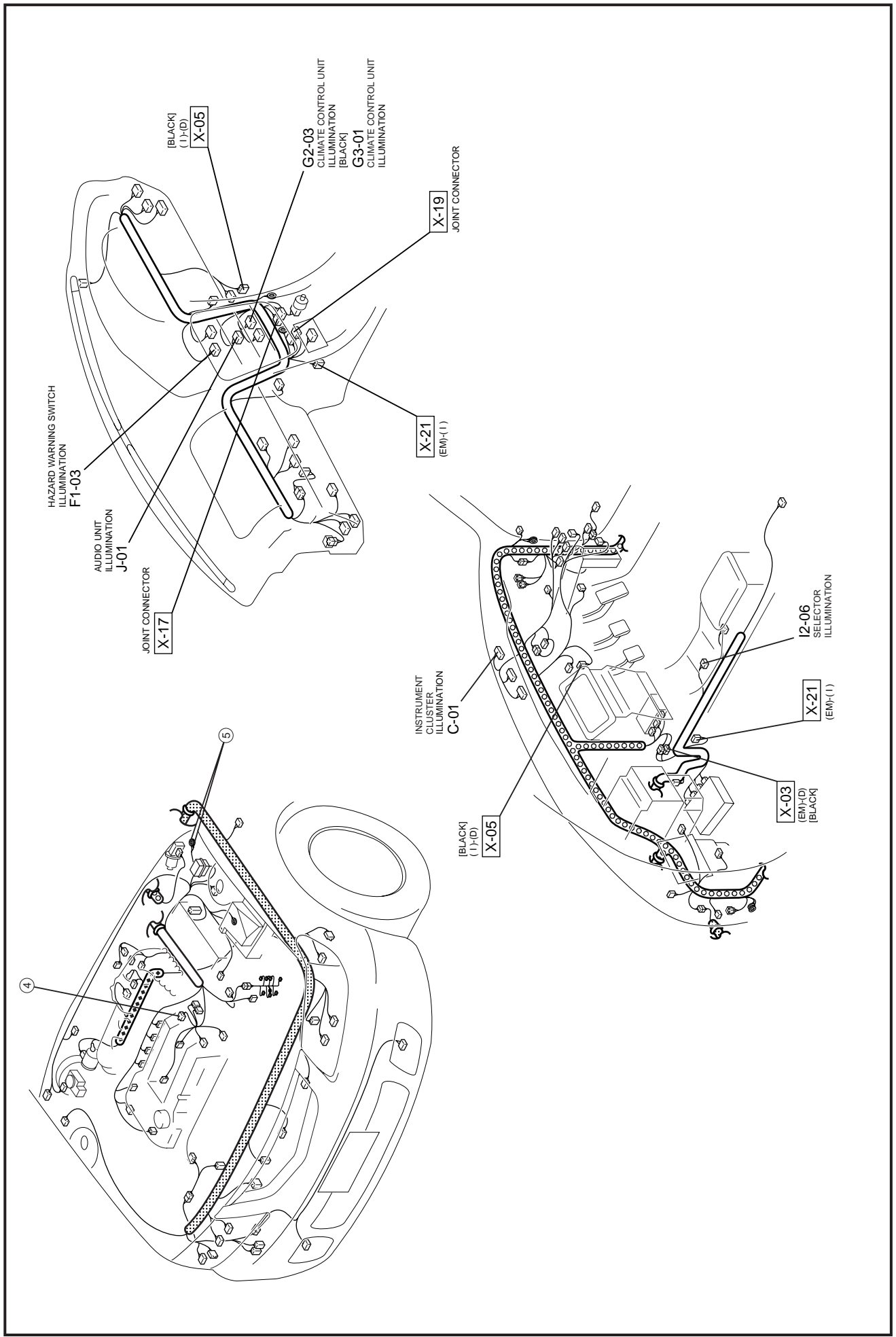
MAGNETIC CLUTCH
G1-01



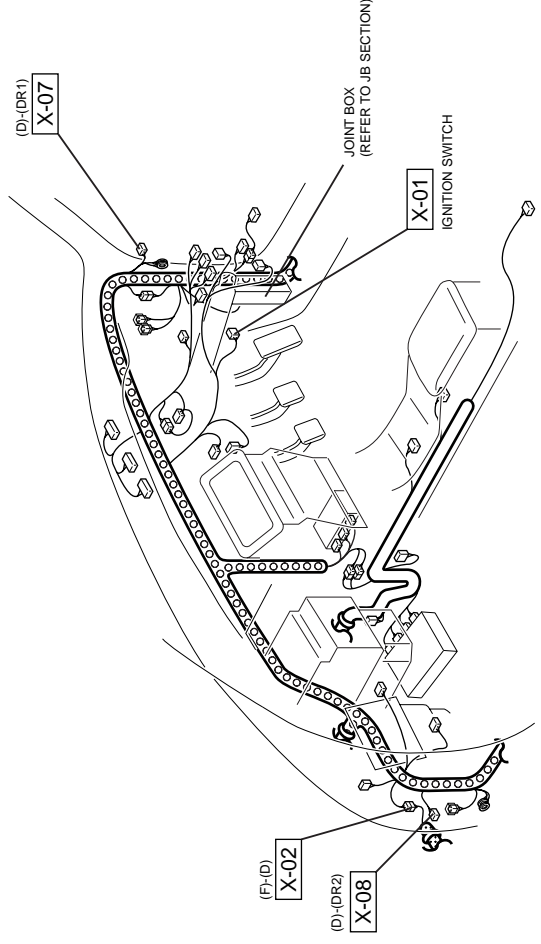
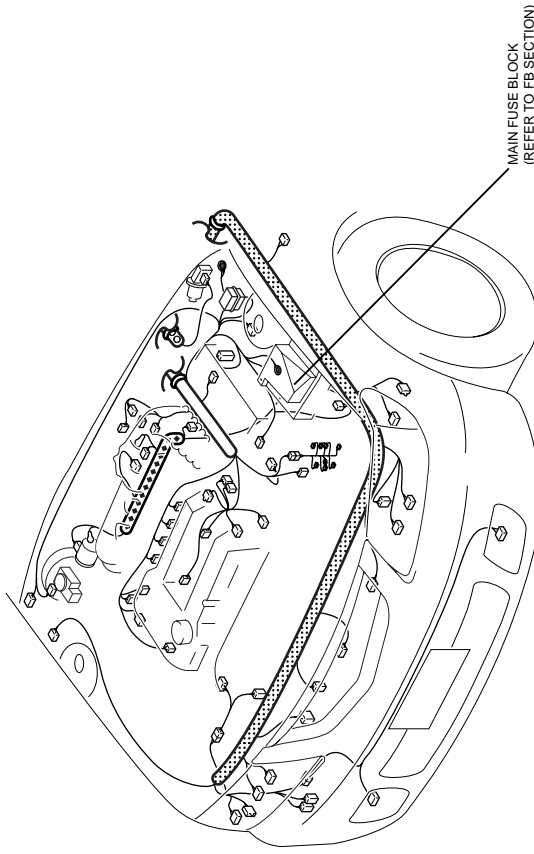
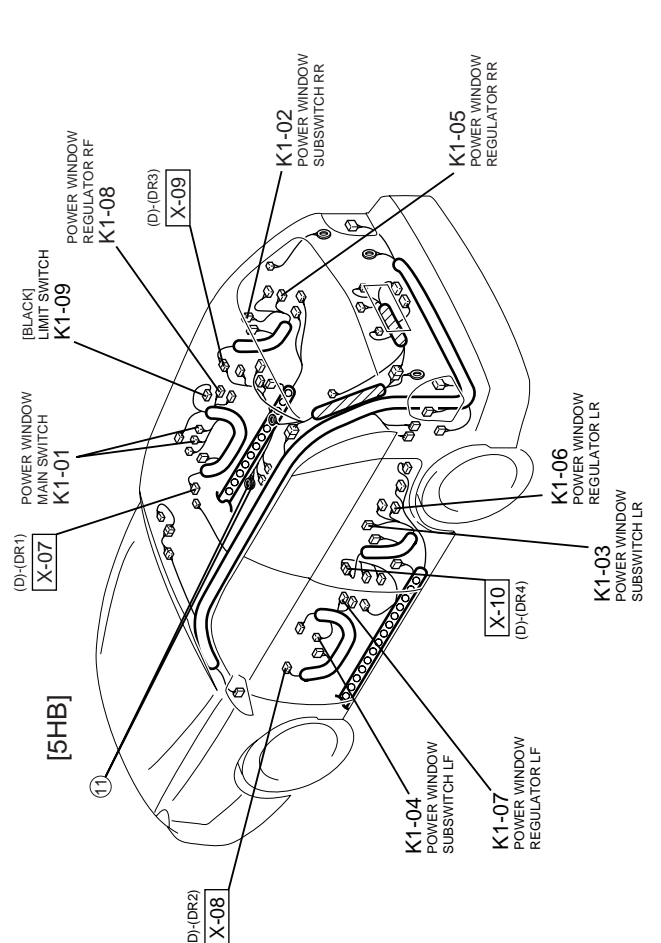
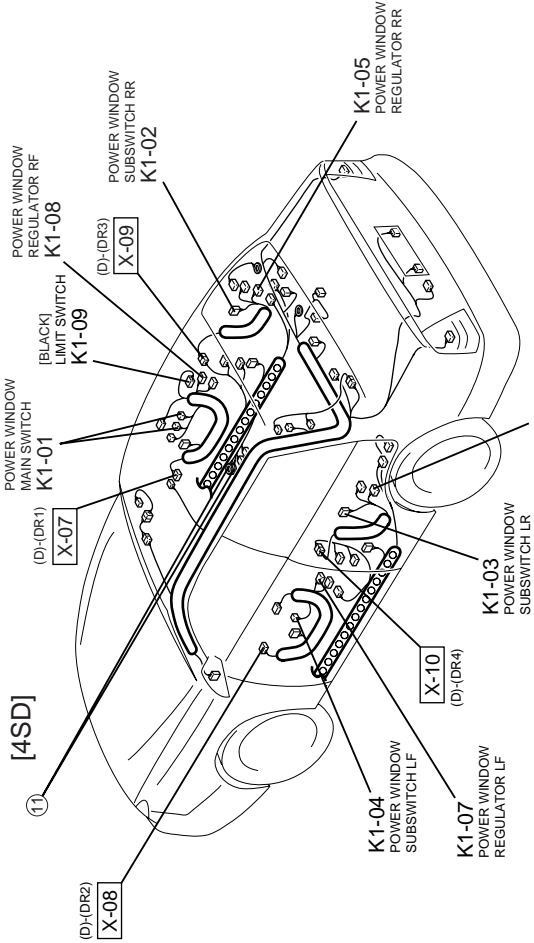
[F-H]
X-02



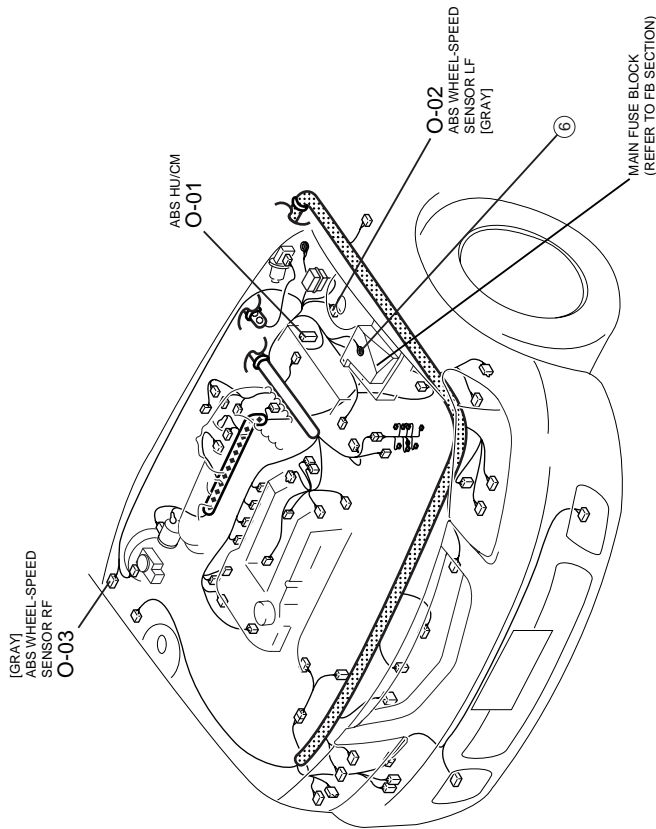
HARNES SYMBOL: [diagonal lines] (F) [diamonds] (E) [hatched] (R) [circles] (D)



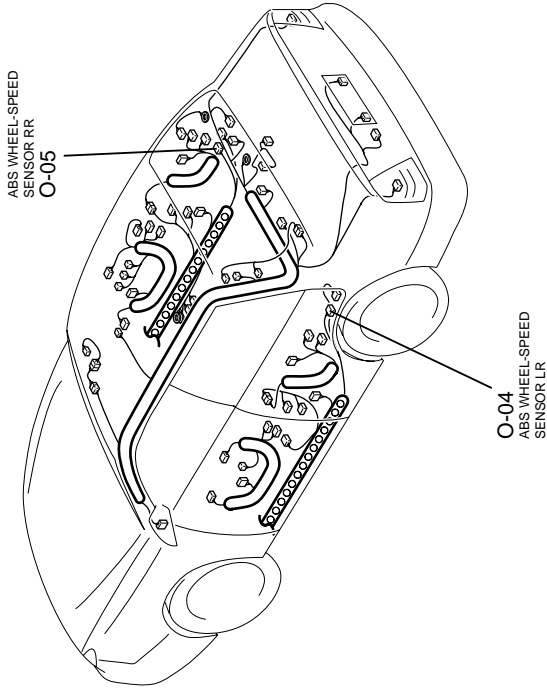
HARNES SYMBOL: (F) (E) (R) (D)



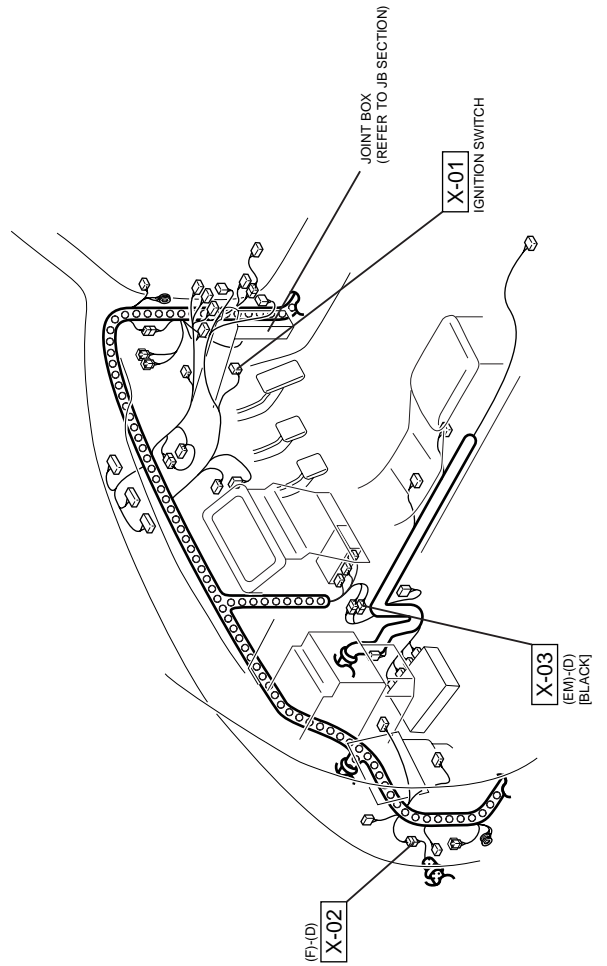
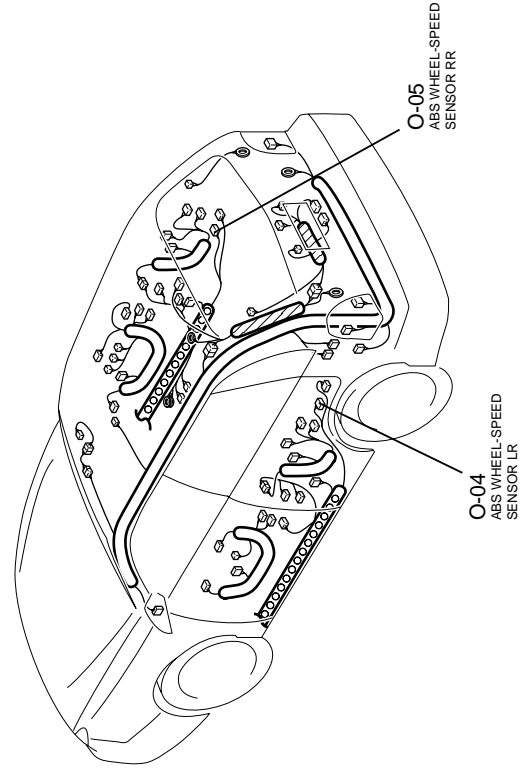
HARNES SYMBOL: [F] [E] [R] [D]



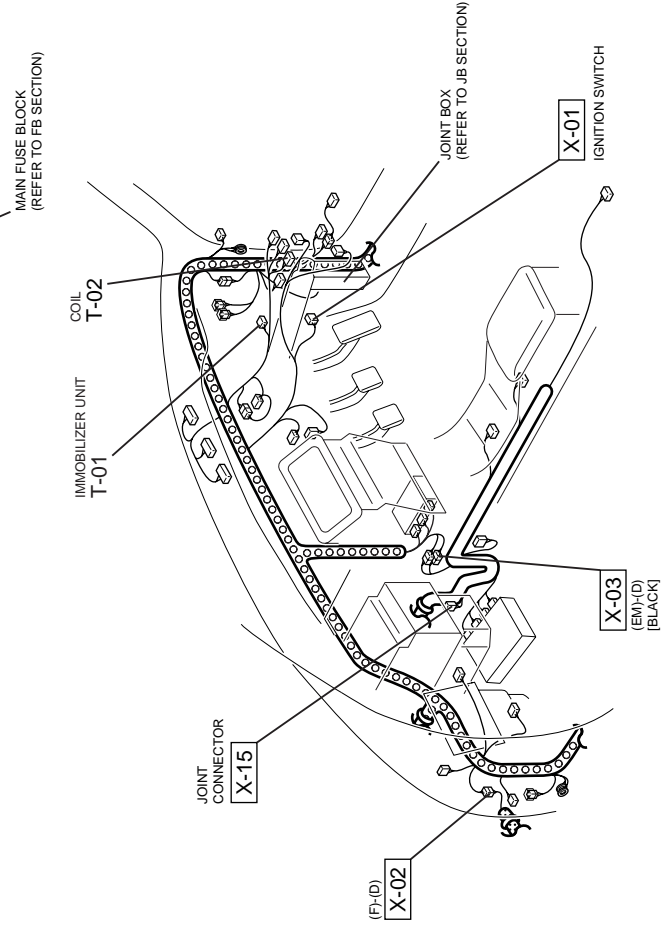
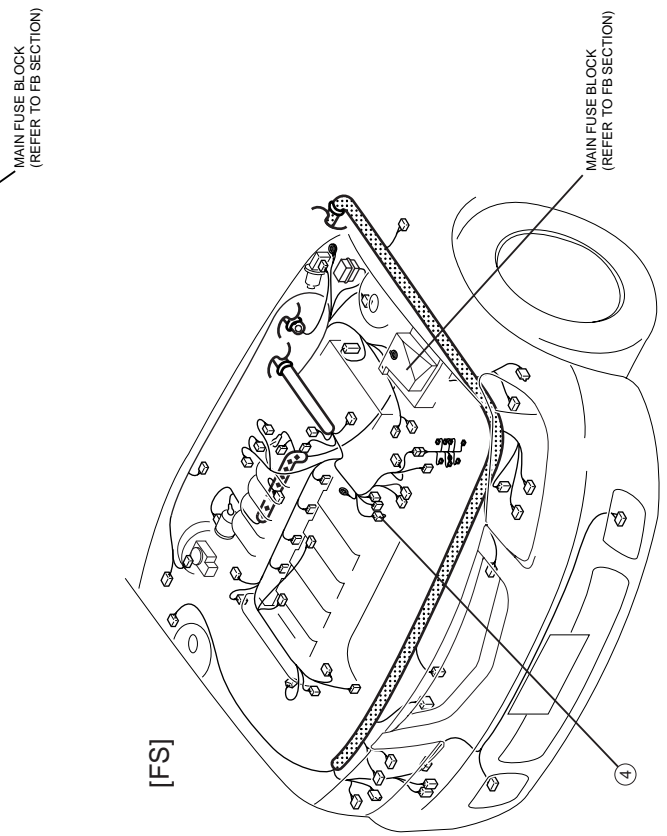
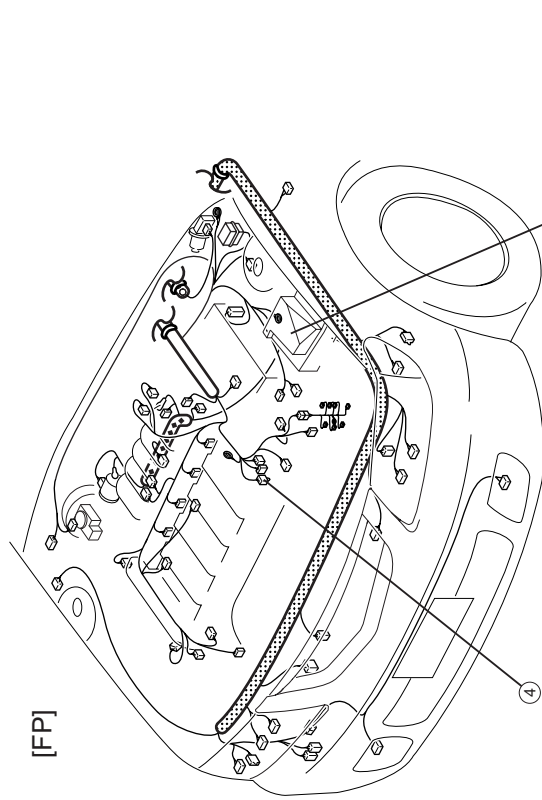
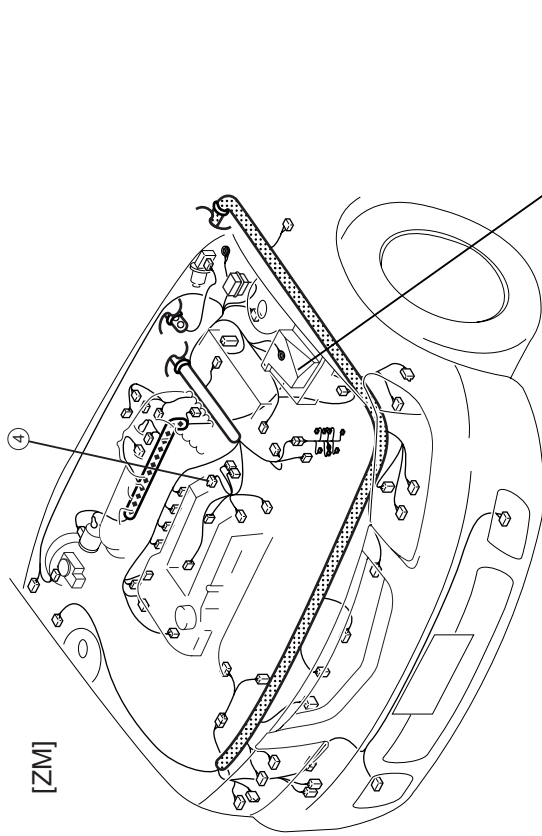
[4SD]



[5HB]



HARNES SYMBOL:  (F)  (E)  (R)  (D)



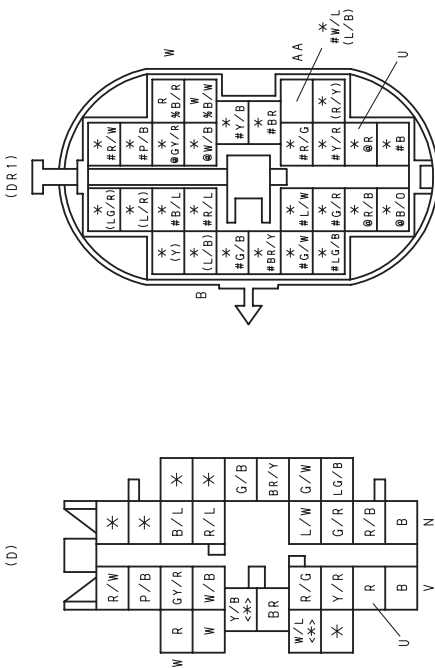
COMMON CONNECTOR LIST

X-3

Z WIRING DIAGRAM

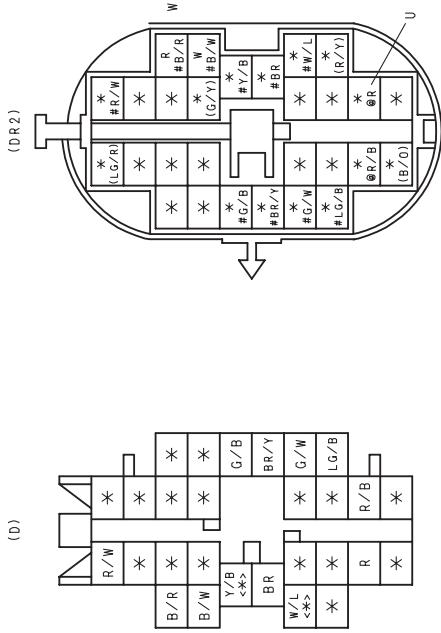
X-07 DASH (D) - DOOR No. 1 (DR1)

@ ... WITH POWER DOOR LOCK SYSTEM
 # ... WITH POWER WINDOW SYSTEM,
 POWER OUTSIDE MIRROR,
 RETRACTABLE OUTSIDE MIRROR
 NOT RECESSED
 < > ... AUSTRALIAN SPECS.
 * ... WITH POWER DOOR LOCK SYSTEM
 WITHOUT POWER WINDOW SYSTEM,
 POWER OUTSIDE MIRROR,
 RETRACTABLE OUTSIDE MIRROR*



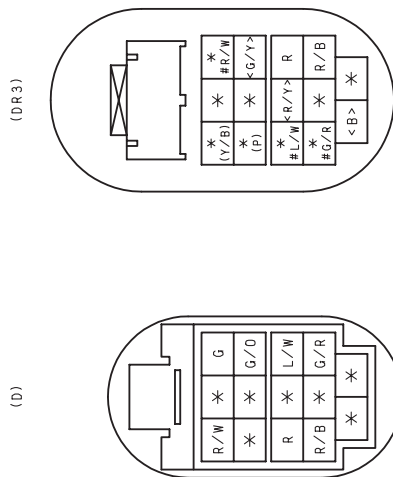
X-08 DASH (D) - DOOR No. 2 (DR2)

... WITH POWER WINDOW SYSTEM,
 POWER OUTSIDE MIRROR,
 RETRACTABLE OUTSIDE MIRROR
 NOT RECESSED
 < > ... AUSTRALIAN SPECS.
 @ ... WITH POWER DOOR LOCK SYSTEM



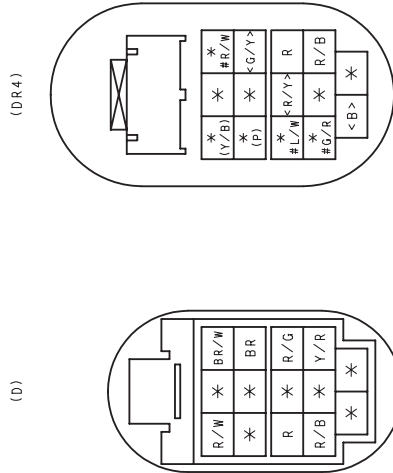
X-09 DASH (D) - DOOR No. 3 (DR3)

() ... 5HB
 # ... WITH POWER WINDOW SYSTEM
 < > ... NOT USED



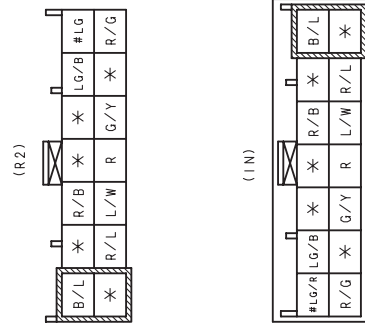
X-10 DASH (D) - DOOR No. 4 (DR4)

() ... 5HB
 # ... WITH POWER WINDOW SYSTEM
 < > ... NOT USED

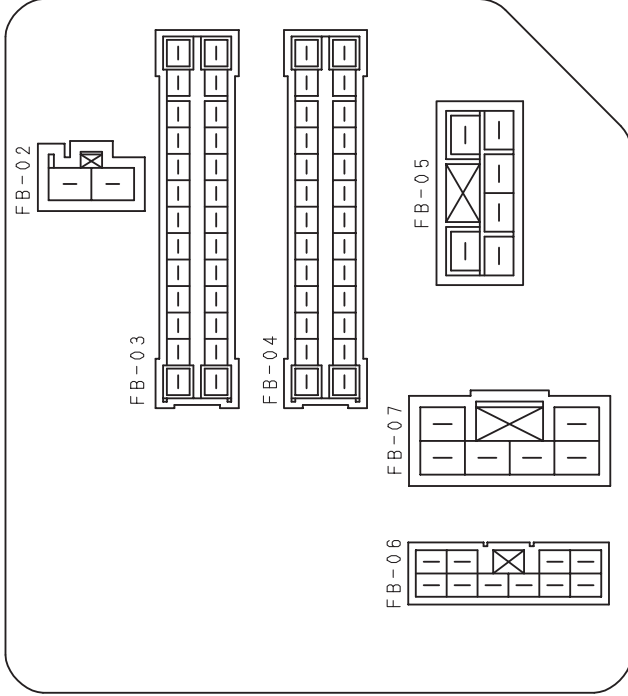
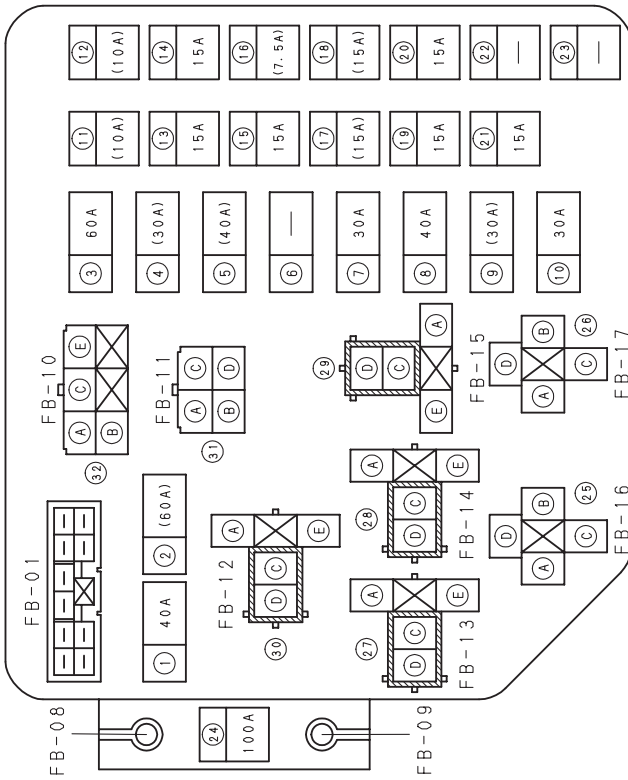


X-11 REAR No. 2 (R2) - INTERIOR LIGHT (1IN)

... NOT USED



MAIN FUSE BLOCK



No.	CIRCUIT NAME	No.	CIRCUIT NAME
1	HEATER	13	HORN
2	(ABS)	14	HAZARD
3	IG KEY	15	TAIL
4	(PTC)	16	(HEAD C/U)
5	(GLOW)	17	(FOG)
6	—	18	(FOG)
7	COOLING FAN	19	STOP
8	BTN	20	HEAD R
9	(AD FAN)	21	HEAD L
10	INJ OR FIP	22	—
11	(A/ZC)	23	—
12	(ST STG)	24	MAIN

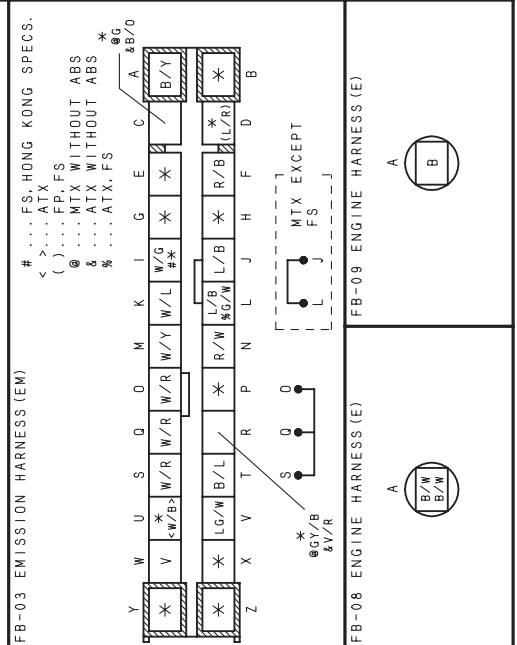
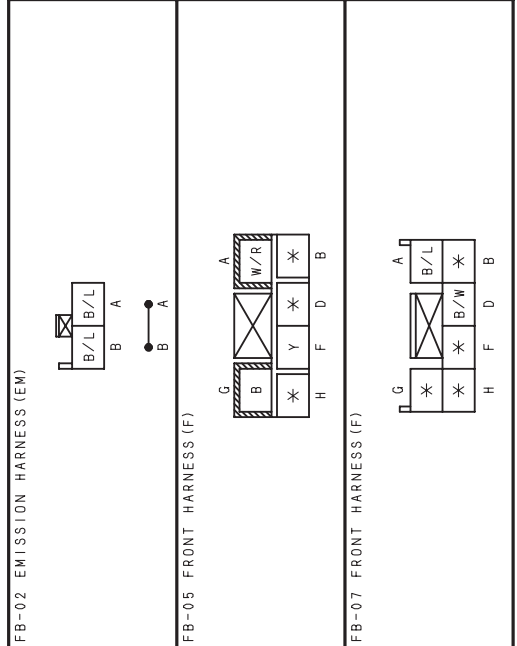
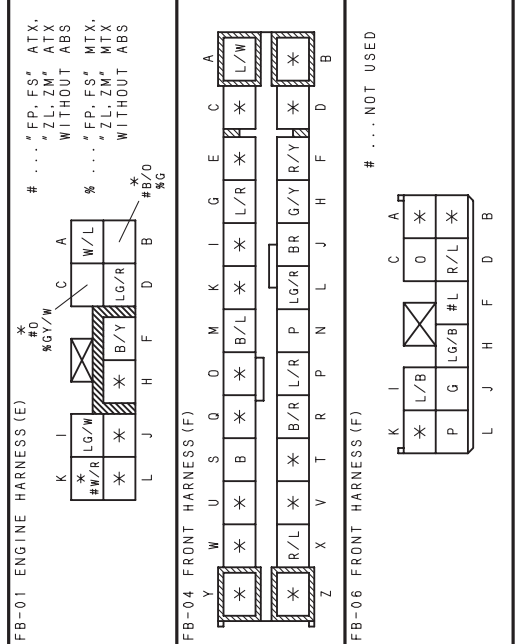
No.	CIRCUIT NAME	No.	CIRCUIT NAME
25	COOLING FAN	29	HEADLIGHT (HEAD)
26	(CONDENSER FAN)	30	(A/C)
27	TNS (TAIL)	31	MAIN
28	HORN	32	FUEL PUMP (G.C.C.) (OR SPV)

FRONT

FRONT

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

() CAUTION LABEL TITLE
() EQUIPPED ONLY WITH THE RELATED SYSTEM



FB-01 ENGINE HARNESS (E)
FB-02 EMISSION HARNESS (EM)
FB-03 EMISSION HARNESS (EM)

... FS, HONG KONG SPECS.
< > ... ATX
() ... FP, FS
@ ... MTX WITHOUT ABS
& ... ATX WITHOUT ABS
% ... ATX, FS
* ... #G/O

FB-04 FRONT HARNESS (F)
FB-05 FRONT HARNESS (F)
FB-06 FRONT HARNESS (F)
FB-07 FRONT HARNESS (F)
FB-08 ENGINE HARNESS (E)
FB-09 ENGINE HARNESS (E)

... NOT USED

() CAUTION LABEL TITLE
() EQUIPPED ONLY WITH THE RELATED SYSTEM