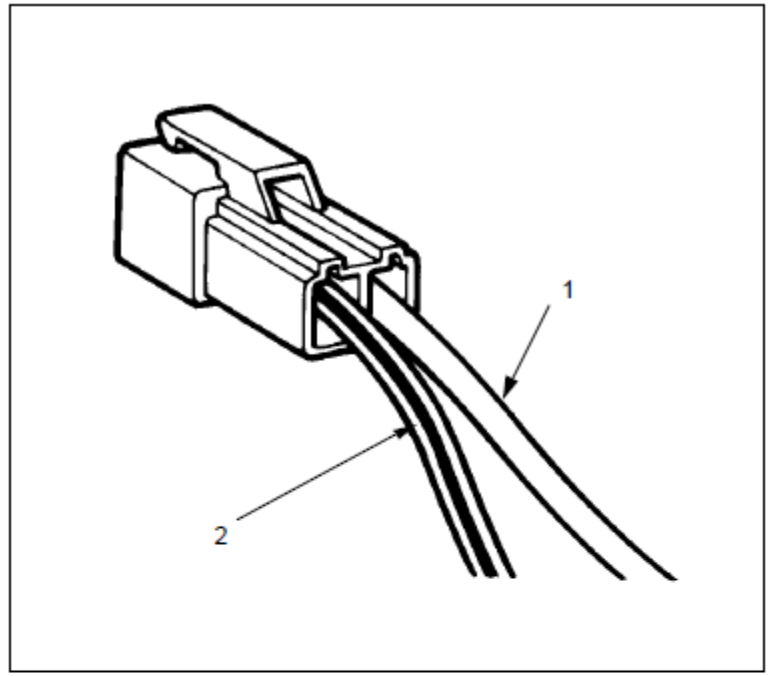
Parts for Electrical Circuit

Wiring – Wire color

All wires have color–coded insulation.
Wires belonging to a system's main harness will have a single color (1). Wires belonging to a system's subcircuits will have a colored stripe (2). Striped wires use the following code to show wire size and colors.

Example: 0.5 G / R

- R — Red (Stripe color)
- G — Green (Base color)
- 0.5 — Wire size (0.5 mm^2)

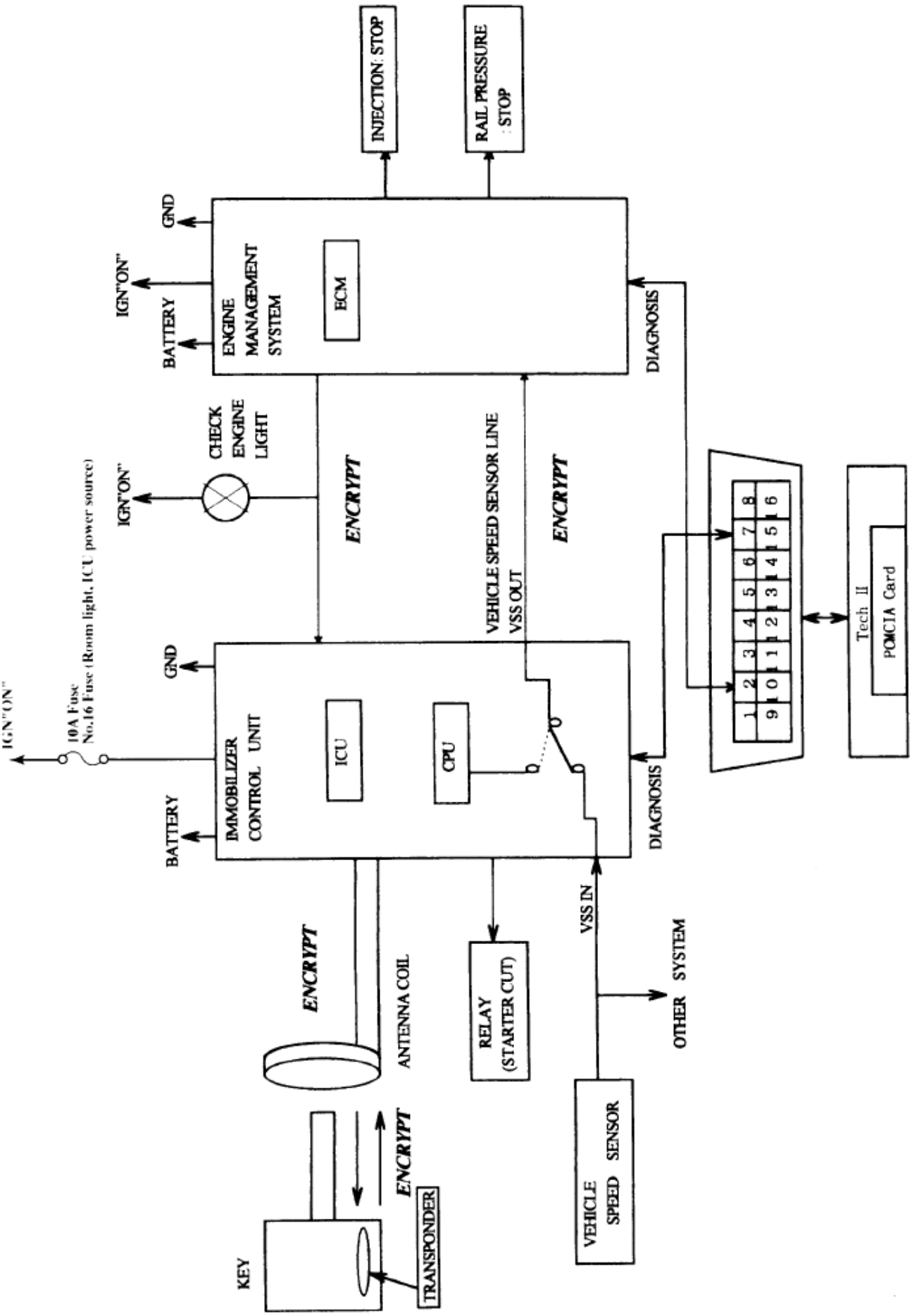


Wiring – Wire Color Coding

Abbreviations are used to indicate wire color within a circuit diagram.
Refer to the following table.

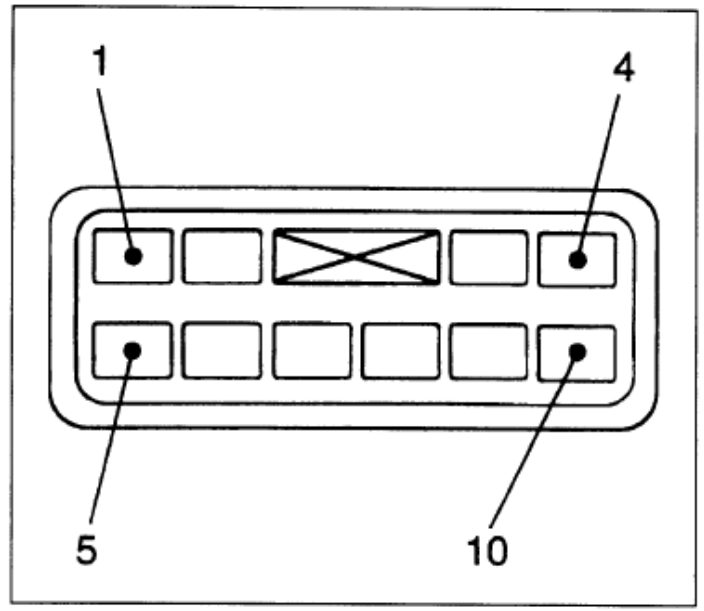
Color Coding	Meaning	Color Coding	Meaning
B	Black	BR	Brown
W	White	LG	Light green
R	Red	GR	Grey
G	Green	P	Pink
Y	Yellow	LB	Light blue
L	Blue	V	Violet
O	Orange		

Immobilizer system Diesel Engine (4JX1 3.0L)



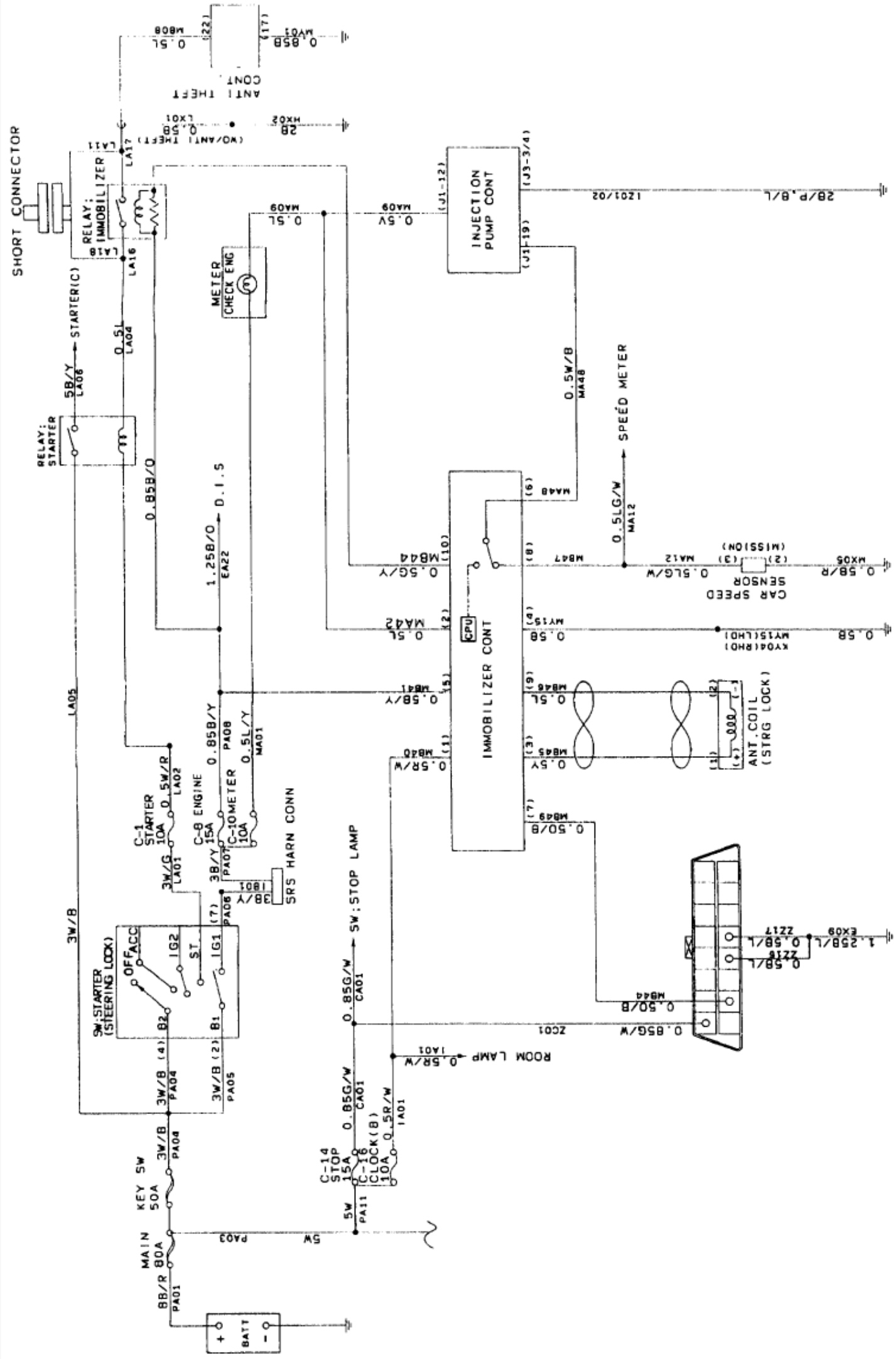
Terminal Assignment of Wiring Harness Connector, Immobilizer Controller

(6VE1,6VD1,4JX1)



1	Voltage supply from fuse 16 in the instrument panel fuse box
2	Communication : carry on line from ECM to immobilizer
3	Antenna coil positive
4	Ground
5	Voltage from ignition switch ON
6	Communication : carry on line from immobilizer to ECM
7	To Tech-II
8	Speed sensor voltage
9	Antenna coil negative
10	Stater relay

ilizer system Electrical wiring for Diesel Engine (4JX1)

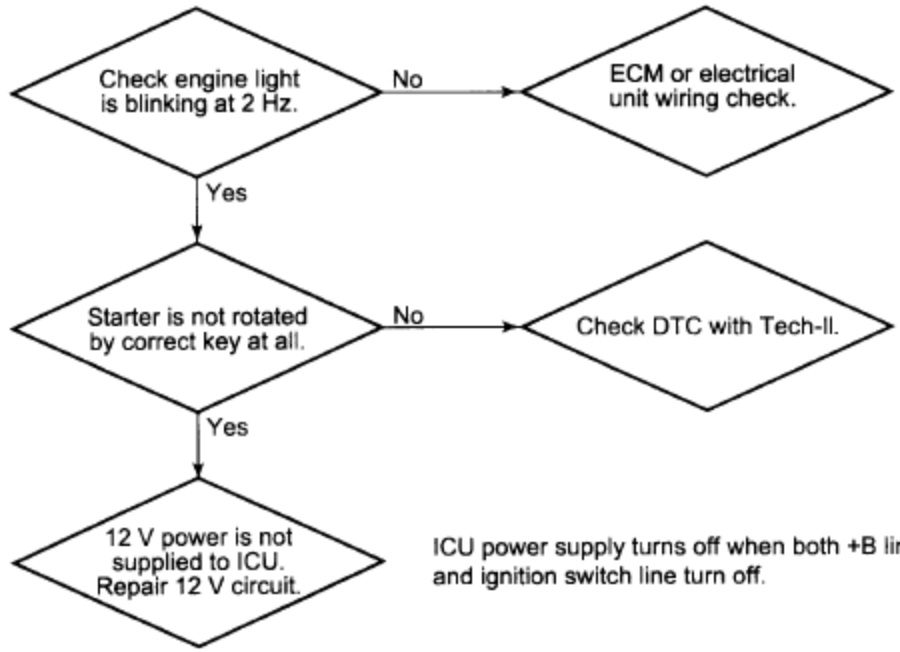


Diagnostic procedure

No DTC indicates

Engine does not start to run even though all engine and electrical system are OK, and no DTC appears.

1. 12 V power is not supplied to ICU.



Reading Flash Diagnostic Trouble Codes

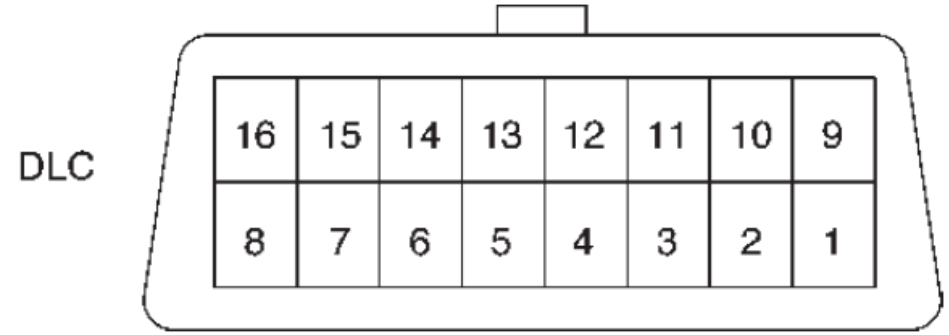
The provision for communicating with the Engine Control Module (ECM) is the Data Link Connector (DLC). The DLC is located in the front console box. It is used in the assembly plant to receive information in checking that the engine is operating properly before it leaves the plant.

The diagnostic trouble code(s) (DTCs) stored in the ECM's memory can be read either through a hand-held diagnostic scanner plugged into the DLC or by counting the number of flashes of the "Check Engine" Malfunction Indicator Lamp (MIL) when the diagnostic test terminal of the DLC is grounded. The DLC terminal "6" (diagnostic request) is pulled "Low" (grounded) by jumpering to DLC terminal "4", which is a ground wire.

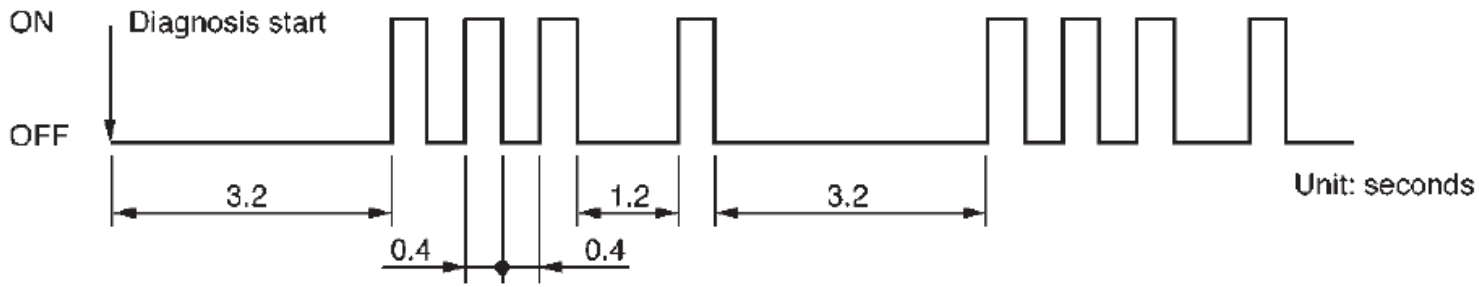
This will signal the ECM that you want to "flash" DTC(s), if any are present. Once terminals "4" and "6" have been connected, the ignition switch must be moved to the "ON" position, with the engine not running.

The "Check Engine"MIL will indicate a DTC three times if a DTC is present. If more than one DTC has been stored in the ECM's memory, the DTC(s) will be output from the lowest to the highest, with each DTC being displayed three times.

The DTC display will continue as long as the DLC is shorted.



Example: DTC 31 is stored



Example: DTC 31 and 43 are stored

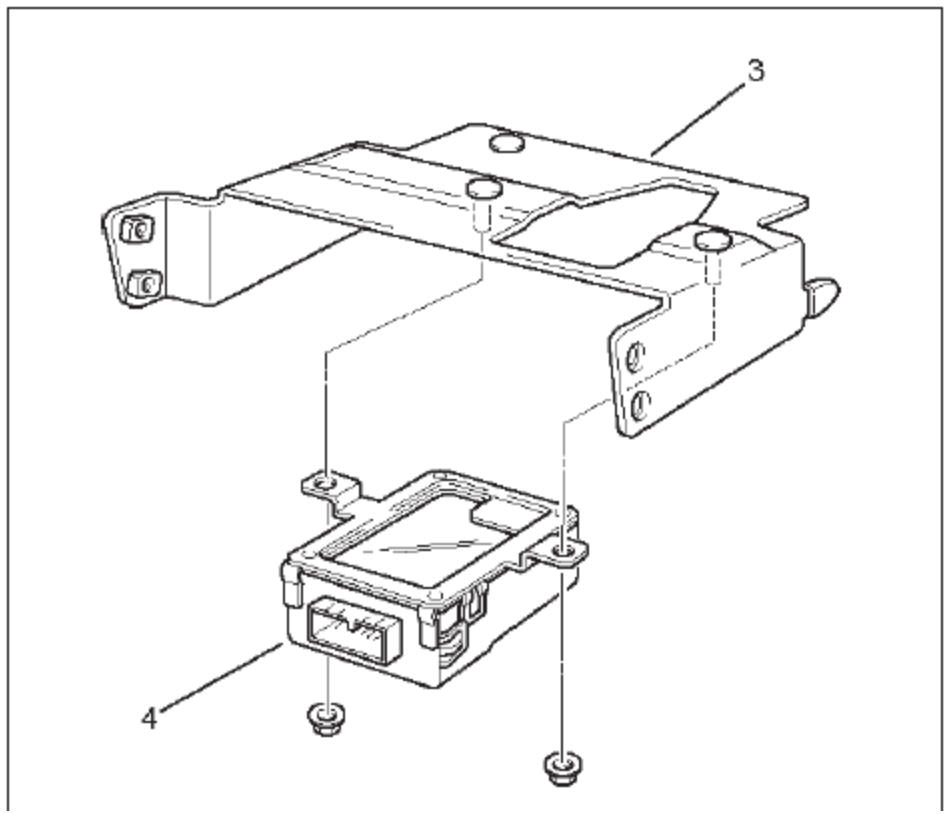
[31] • [31] • [31] • [43] • [43] • [43] • [31] • [31] • [31] • [43] • [43] • [43] • [31] • [31] • [31] • [43] • [43] • [43] - - - - -►

◄——— Display will continue ———►

Anti-theft System

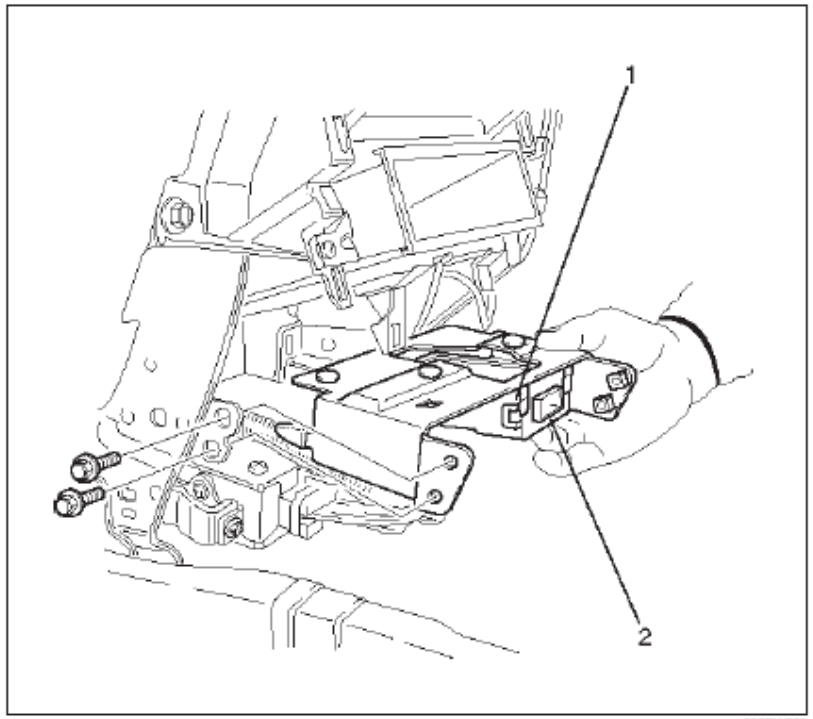
General Description

The circuit consists of the starter switch, anti-theft & keyless entry control unit, anti-theft horn, front door and tailgate key switch (detect and tamper switch), door lock (& power window) switch, door lock actuator for each door, engine hood switch, clutch start switch (M/T), ANTI-THEFT indicator light and mode switch (A/T).
The system operates as follows: After locking the starter switch and removing the starter key (this sets the alarm), if the door is unlocked in any way other than with the proper key, the headlights start flashing, the horn sounds, and the starter circuit is disabled. (However, the engine hood and all the doors must be locked and closed.)
Once the system has been placed in the warning or alarm condition, it can be released only when the starter switch is shifted from “OFF” to “ACC” by the starter key, or when the lock of the front door or the tailgate is released (to activate the detect switch) by the starter key.



Anti-theft & Keyless Entry Control Unit Removal

1. Disconnect the battery ground cable.
2. Remove the front console assembly.
   - Refer to the Instrument Panel Assembly in Body Structure section.
3. Remove the lower cluster assembly.
   - Refer to the Instrument Panel Assembly in Body Structure section.
4. Disconnect the connector(2).
5. Remove four screws to remove the anti-theft & keyless entry control unit with bracket(1).



825RW029

6. Remove two nuts from the anti-theft & keyless entry control unit with bracket(3) to remove the anti-theft & keyless entry controller(4).

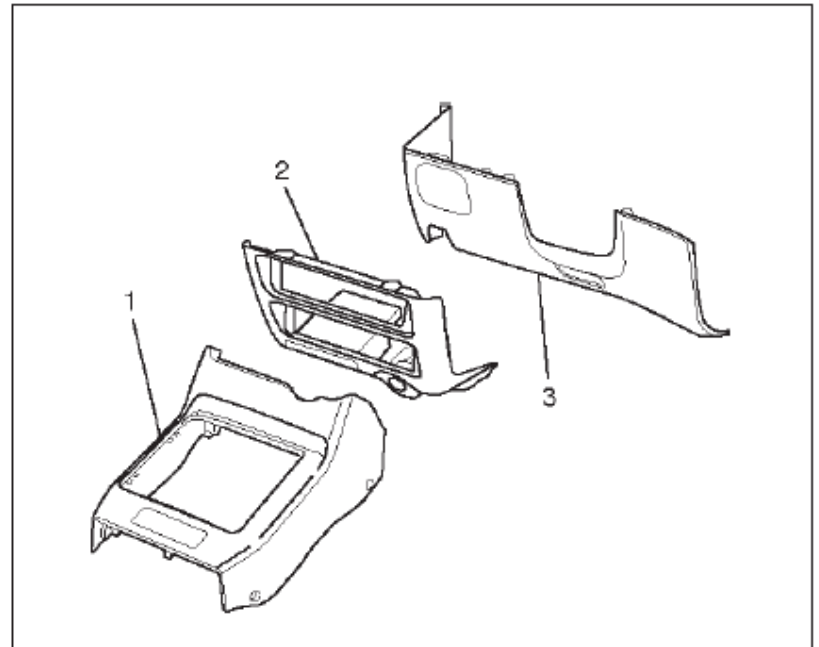
825RW028

Anti-theft & Keyless Entry Control Unit Installation

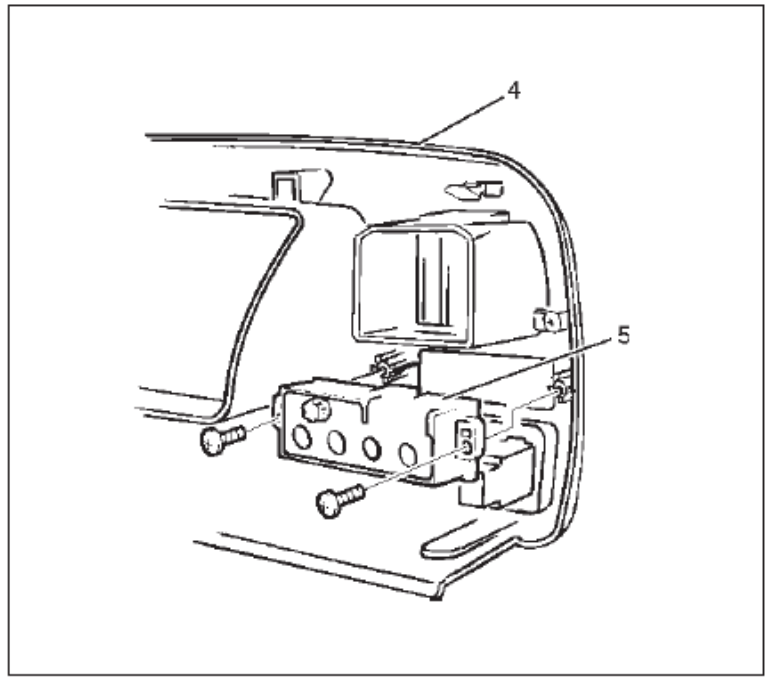
To install, follow the removal steps in the reverse order.

Anti-theft Indicator Removal

1. Disconnect the battery ground cable.
2. Remove the front console assembly(1).
   Refer to the Instrument Panel Assembly in Body Structure section.
3. Remove the lower cluster assembly(2).
   Refer to the Instrument Panel Assembly in Body Structure section.
4. Remove the instrument panel driver lower cover assembly(3).
   Refer to the Instrument Panel Assembly in Body Structure section.



5. Remove the instrument panel cluster assembly(4). Refer to the Instrument Panel Assembly in Body Structure section.
6. Remove two screws and then remove the anti-theft indicator(5).



821RW032

Anti-theft Indicator Installation

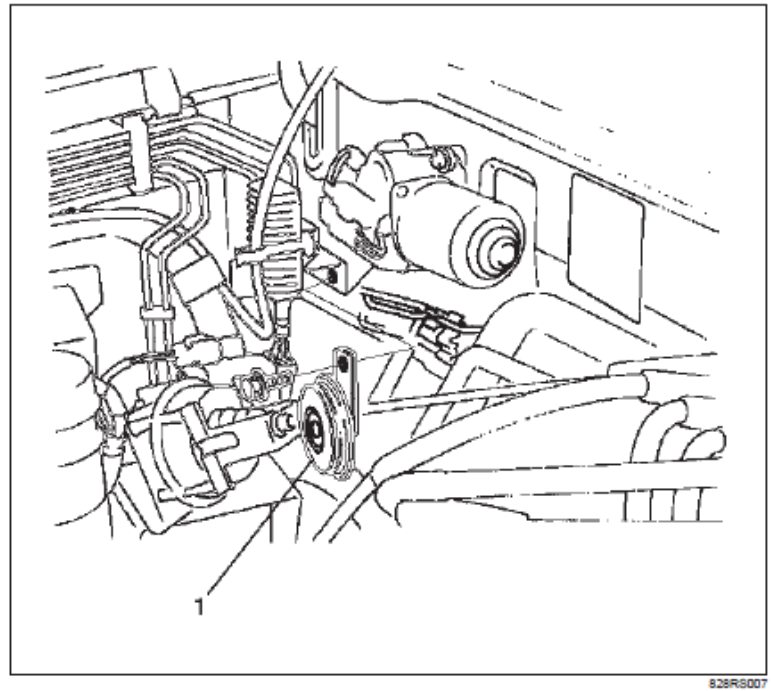
To install, follow the removal steps in the reverse order.

Anti-theft Indicator Installation

To install, follow the removal steps in the reverse order.

Anti-theft Horn Removal

1. Disconnect the battery ground cable.
2. Disconnect the connector and remove the fixing bolt to remove the anti-theft horn(1).



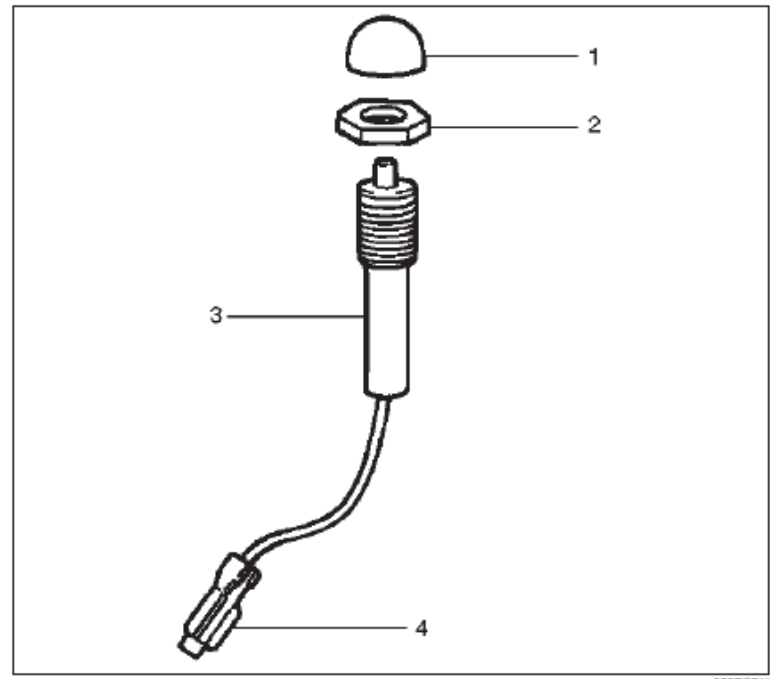
828RS007

Anti-Theft Horn Installation

To install, follow the removal steps in the reverse order.

Engine Hood Switch Removal

1. Disconnect the battery ground cable.
2. Remove the cap(1).
3. Remove the lock nut(2).
4. Disconnect the connector(4).
5. Remove the engine hood switch(3).



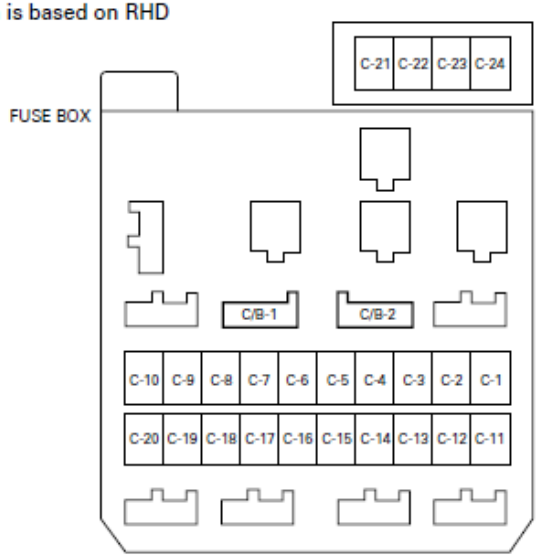
828RS011

Engine Hood Switch Installation

To install, follow the removal steps in the reverse order.

Fuse Box

This illustration is based on RHD



FUSE

No.	RHD	LHD
C-1	10A STARTER RELAY	10A STARTER RELAY
C-2	15A SEAT HEATER	15A SEAT HEATER
C-3	10A TURN, BACK	10A TURN, BACK
C-4	10A ELEC. IGN.	10A ELEC. IGN.
C-5	15A FRT WIPER AND WASHER	15A FRT WIPER AND WASHER
C-6	10A RR WIPER AND WASHER	10A RR WIPER AND WASHER
C-7	10A H/LAMP WIPER	10A H/LAMP WIPER
C-8	15A ENGINE	15A ENGINE
C-9	15A IGN. COIL (GASOLINE) 15A FUEL CUT (4JG2)	15A IGN. COIL (GASOLINE) 15A FUEL CUT (4JG2)
C-10	10A METER, GAUGE	10A METER, GAUGE
C-11	10A AUDIO, MIRROR	10A AUDIO, MIRROR
C-12	20A CIGARETTE	20A CIGARETTE
C-13	10A ANTI-THEFT	10A ANTI-THEFT
C-14	15A STOP, A/T CONT.	15A STOP, A/T CONT.
C-15	20A TELEPHONE	20A TELEPHONE
C-16	10A CLOCK, ROOM	10A CLOCK, ROOM
C-17	25A RR DEFOG.	25A RR DEFOG.
C-18	20A DOOR LOCK	20A DOOR LOCK
C-19	25A BLOWER	25A BLOWER
C-20	10A AIR CON.	10A AIR CON.
C-21	10A SRS-1	10A SRS-1
C-22	—	—
C-23	—	—
C-24	—	—

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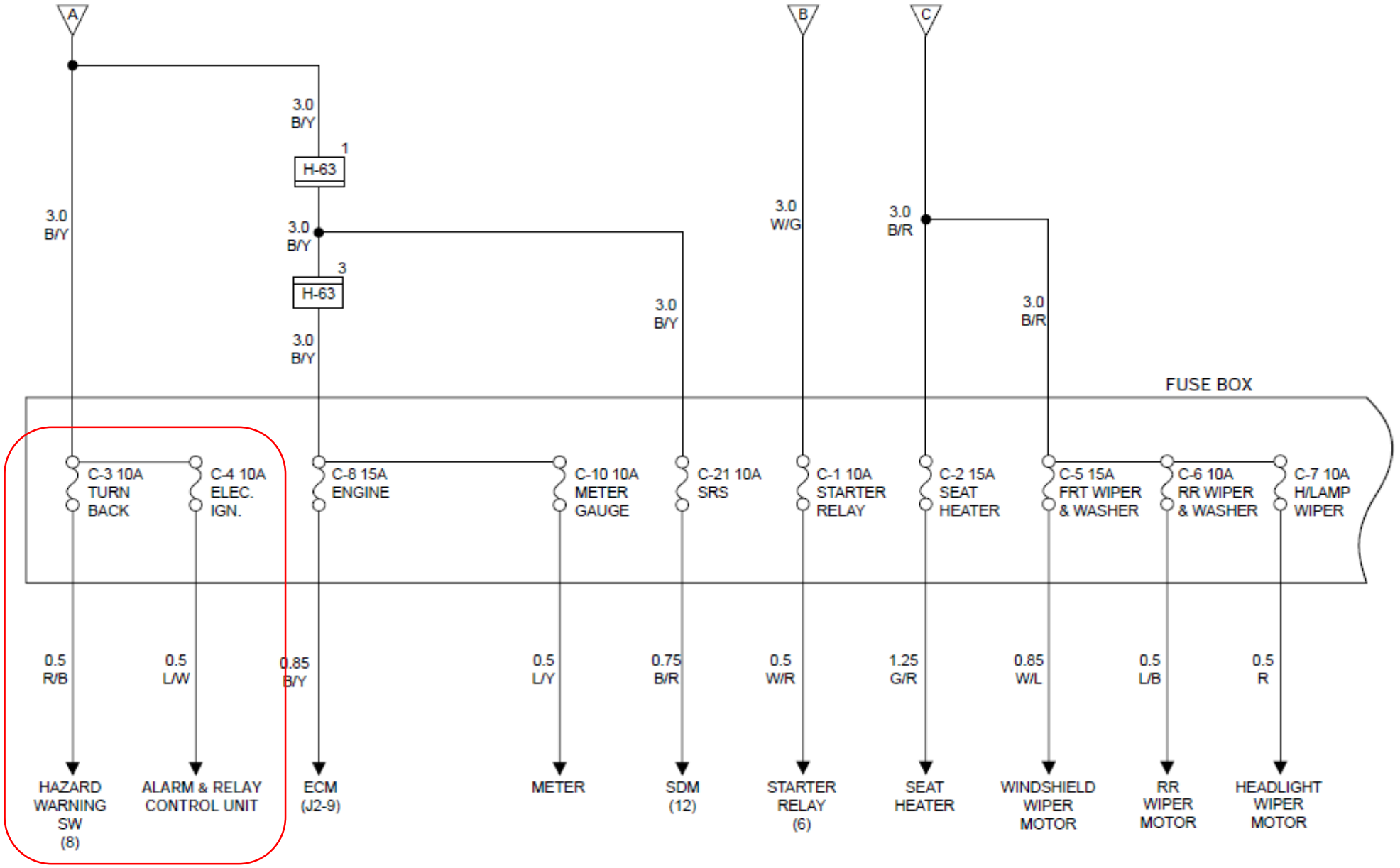
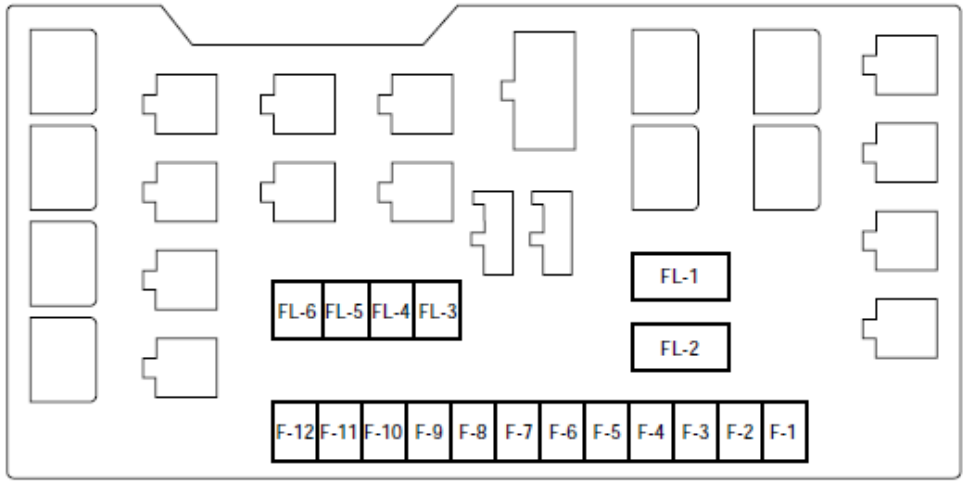
CIRCUIT BREAKER

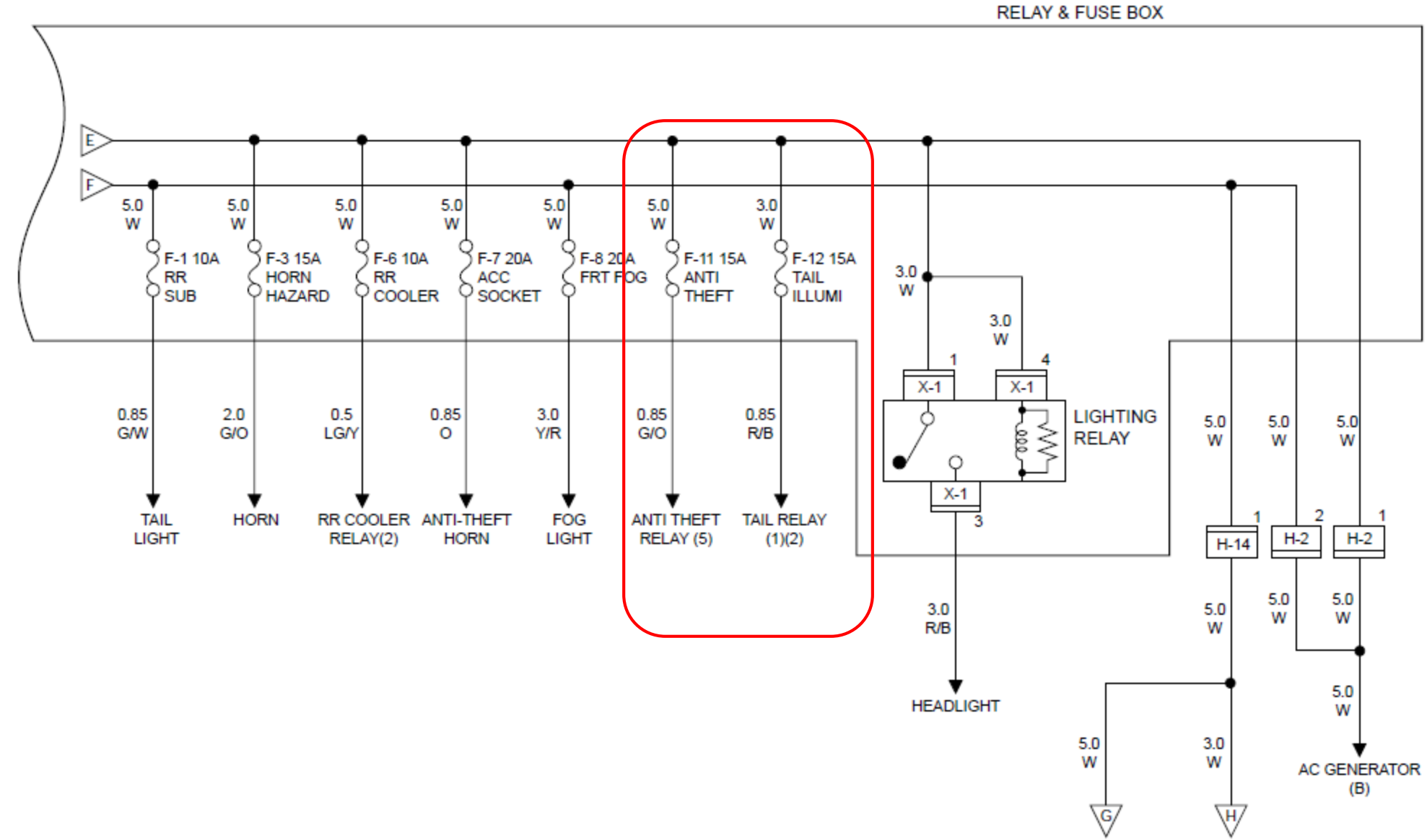
No.	RHD	LHD
C/B-1	—	—
C/B-2	30A P/W, P/S, S/R	30A P/W, P/S, S/R

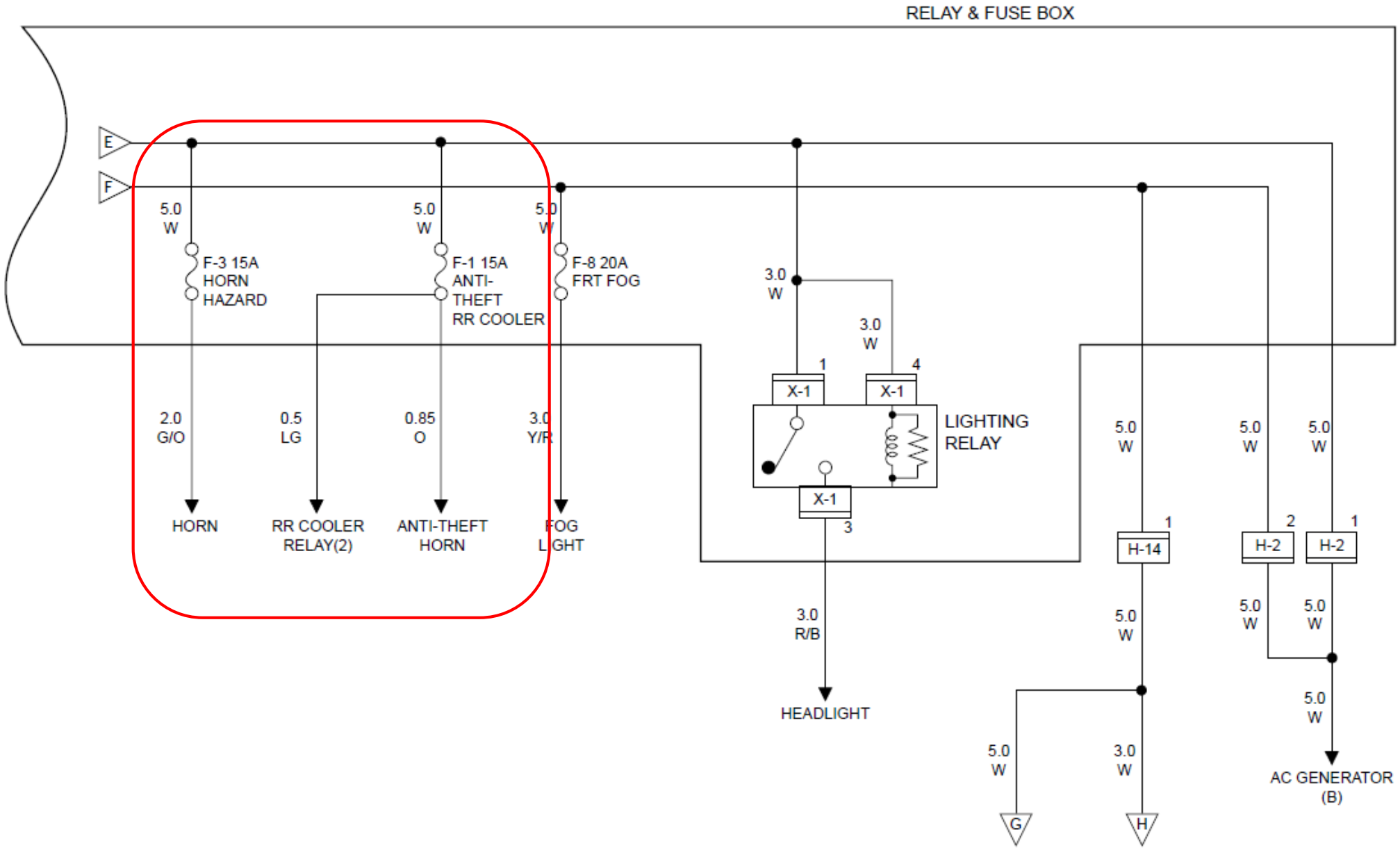

A
B
C
3.0
B/Y
1
H-63
3
H-63
3.0
W/G
3.0
B/R
FUSE BOX
C-3 10A
TURN
BACK
C-4 10A
ELEC.
IGN.
C-8 15A
ENGINE
C-10 10A
METER
GAUGE
C-21 10A
SRS
C-1 10A
STARTER
RELAY
C-2 15A
SEAT
HEATER
C-5 15A
FRT WIPER
& WASHER
C-6 10A
RR WIPER
& WASHER
C-7 10A
H/LAMP
WIPER
0.5
R/B
0.5
L/W
0.85
B/Y
0.5
L/Y
0.75
B/R
0.5
W/R
1.25
G/R
0.85
W/L
0.5
L/B
0.5
R
HAZARD
WARNING
SW
(8)
ALARM & RELAY
CONTROL UNIT
ECM
(J2-9)
METER
SDM
(12)
STARTER
RELAY
(6)
SEAT
HEATER
WINDSHIELD
WIPER
MOTOR
RR
WIPER
MOTOR
HEADLIGHT
WIPER
MOTOR

RELAY AND FUSE BOX

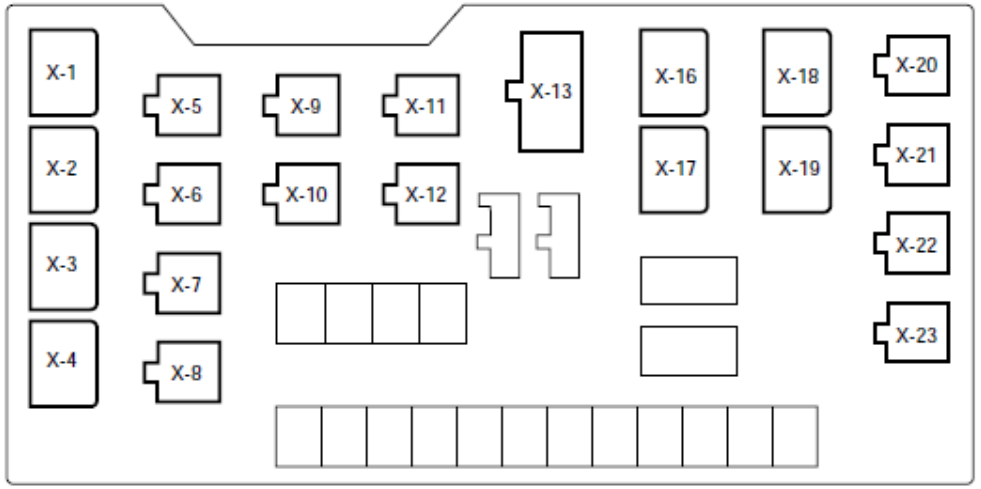


	No. \ MODEL	RHD	LHD
FUSIBLE LINK	FL-1	80A MAIN	80A MAIN
	FL-2	50A KEY SW	50A KEY SW
	FL-3	30A ECM (GASOLINE)	30A ECM (GASOLINE)
	FL-4	30A CONDENSER FAN	30A CONDENSER FAN
	FL-5	50A GLOW (4JG2)	50A GLOW (4JG2)
	FL-6	40A ABS	40A ABS
FUSE	F-1	10A RR SUB	15A RR COOLER/ANTI-THEFT
	F-2	10A O_2 SENSOR (GASOLINE)	10A O_2 SENSOR (GASOLINE)
	F-3	15A HORN HAZARD	15A HORN HAZARD
	F-4	15A H/LAMP-LH	10A H/LAMP-LH (HI)
	F-5	15A H/LAMP-RH	10A H/LAMP-RH (HI)
	F-6	10A RR COOLER	10A H/LAMP-LH (LOW)
	F-7	15A ANTI-THEFT (4JG2) 20A ACC SOCKET (6V*1)	10A H/LAMP-RH (LOW)
	F-8	20A FOG	20A FOG
	F-9	20A ABS	20A ABS
	F-10	15A FUEL PUMP (GASOLINE)	15A FUEL PUMP (GASOLINE)
	F-11	15A ANTI-THEFT	10A TAIL-LH
	F-12	15A TAIL	10A TAIL-RH


RELAY & FUSE BOX
E
F
5.0 W
F-1 10A RR SUB
5.0 W
F-3 15A HORN HAZARD
5.0 W
F-6 10A RR COOLER
5.0 W
F-7 20A ACC SOCKET
5.0 W
F-8 20A FRT FOG
5.0 W
F-11 15A ANTI THEFT
3.0 W
F-12 15A TAIL ILLUMI
0.85 G/W
TAIL LIGHT
2.0 G/O
HORN
0.5 LG/Y
RR COOLER RELAY(2)
0.85 O
ANTI-THEFT HORN
3.0 Y/R
FOG LIGHT
0.85 G/O
ANTI THEFT RELAY (5)
0.85 R/B
TAIL RELAY (1)(2)
3.0 W
3.0 W
1
4
X-1
X-1
LIGHTING RELAY
X-1
3
3.0 R/B
HEADLIGHT
5.0 W
5.0 W
5.0 W
1
2
1
H-14
H-2
H-2
5.0 W
5.0 W
5.0 W
5.0 W
3.0 W
5.0 W
AC GENERATOR (B)
G
H

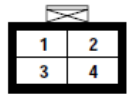

RELAY & FUSE BOX
E
F
5.0 W
F-3 15A HORN HAZARD
5.0 W
F-1 15A ANTI-THEFT RR COOLER
5.0 W
F-8 20A FRT FOG
2.0 G/O
HORN
0.5 LG
RR COOLER RELAY(2)
0.85 O
ANTI-THEFT HORN
3.0 Y/R
FOG LIGHT
3.0 W
3.0 W
1
X-1
4
X-1
LIGHTING RELAY
X-1
3
3.0 R/B
HEADLIGHT
5.0 W
1
H-14
5.0 W
5.0 W
3.0 W
G
H
5.0 W
2
H-2
1
H-2
5.0 W
5.0 W
5.0 W
AC GENERATOR (B)

RELAY AND FUSE BOX

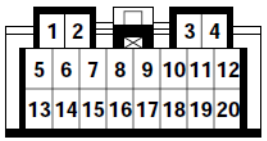


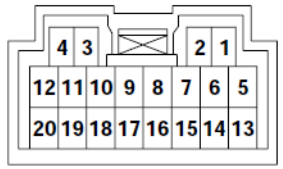
No.	RHD	LHD
X-1	RELAY ; LIGHTING	RELAY ; LIGHTING
X-2	—	—
X-3	—	RELAY ; DIMMER
X-4	RELAY ; ACC SOCKET	—
X-5	RELAY ; A/C THERMO	RELAY ; A/C THERMO
X-6	RELAY ; RR COOLER	RELAY ; RR COOLER
X-7	RELAY ; COMPRESSOR (GASOLINE)	RELAY ; COMPRESSOR (GASOLINE)
X-8	RELAY ; HORN	RELAY ; HORN
X-9	RELAY ; TAIL	RELAY ; TAIL
X-10	—	—
X-11	RELAY ; FUEL PUMP (GASOLINE)	RELAY ; FUEL PUMP (GASOLINE)
X-12	RELAY ; ECM MAIN (GASOLINE)	RELAY ; ECM MAIN (GASOLINE)
X-13	—	—
X-16	RELAY ; ANTI-THEFT	RELAY ; ANTI-THEFT
X-17	RELAY ; STARTER (GASOLINE) RELAY ; CHARGE (DIESEL)	RELAY ; STARTER (GASOLINE) RELAY ; CHARGE (DIESEL)
X-18	RELAY ; SHIFT ON THE FLY	RELAY ; SHIFT ON THE FLY
X-19	RELAY ; CONDENSER FAN (GASOLINE)	RELAY ; CONDENSER FAN
X-20	RELAY ; CORNERING LIGHT RELAY ; IMMOBILIZER	—
X-21	—	—
X-22	RELAY ; RR FOG LIGHT	—
X-23	RELAY ; FRT FOG LIGHT	RELAY ; FRT FOG LIGHT

X-20

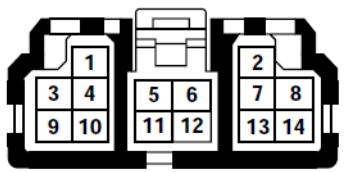


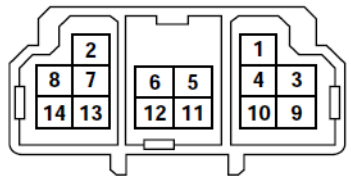
H-15 (RHD)



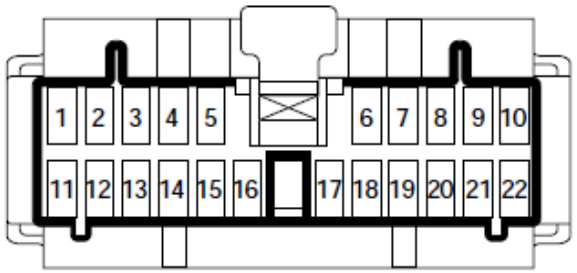


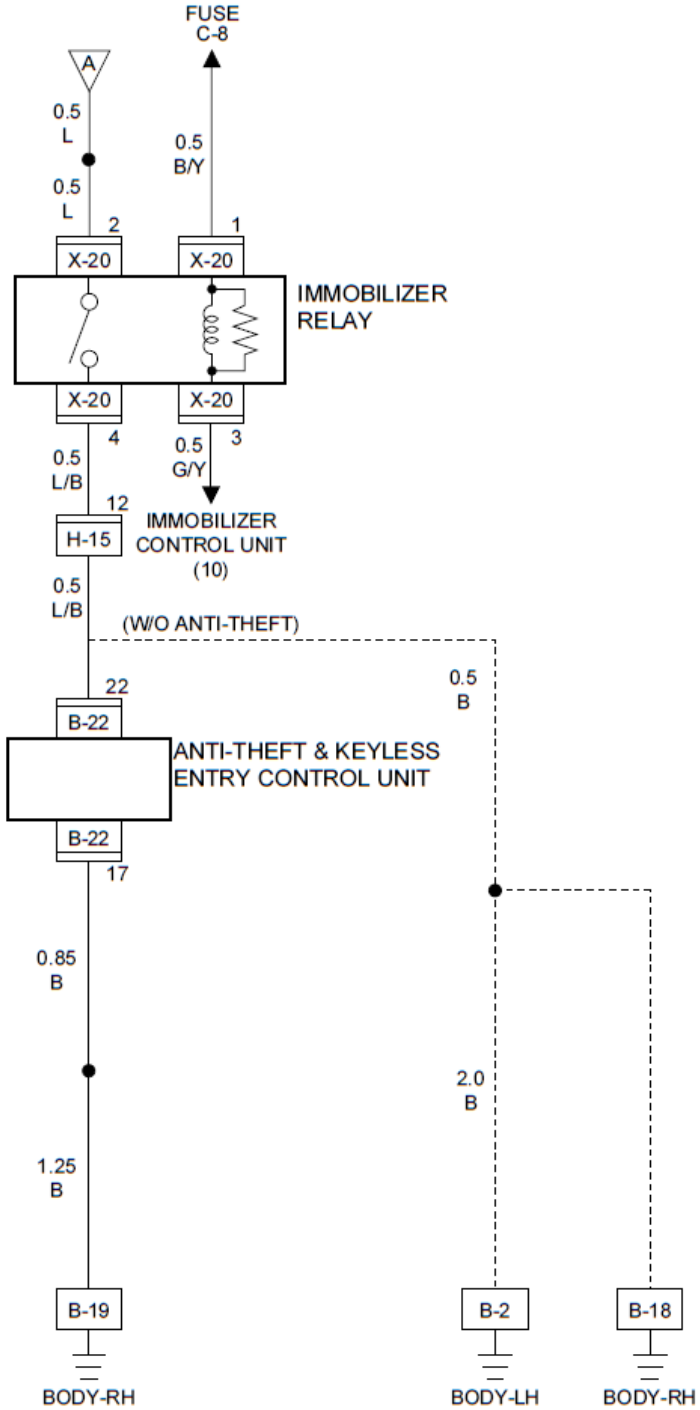
H-15 (LHD)



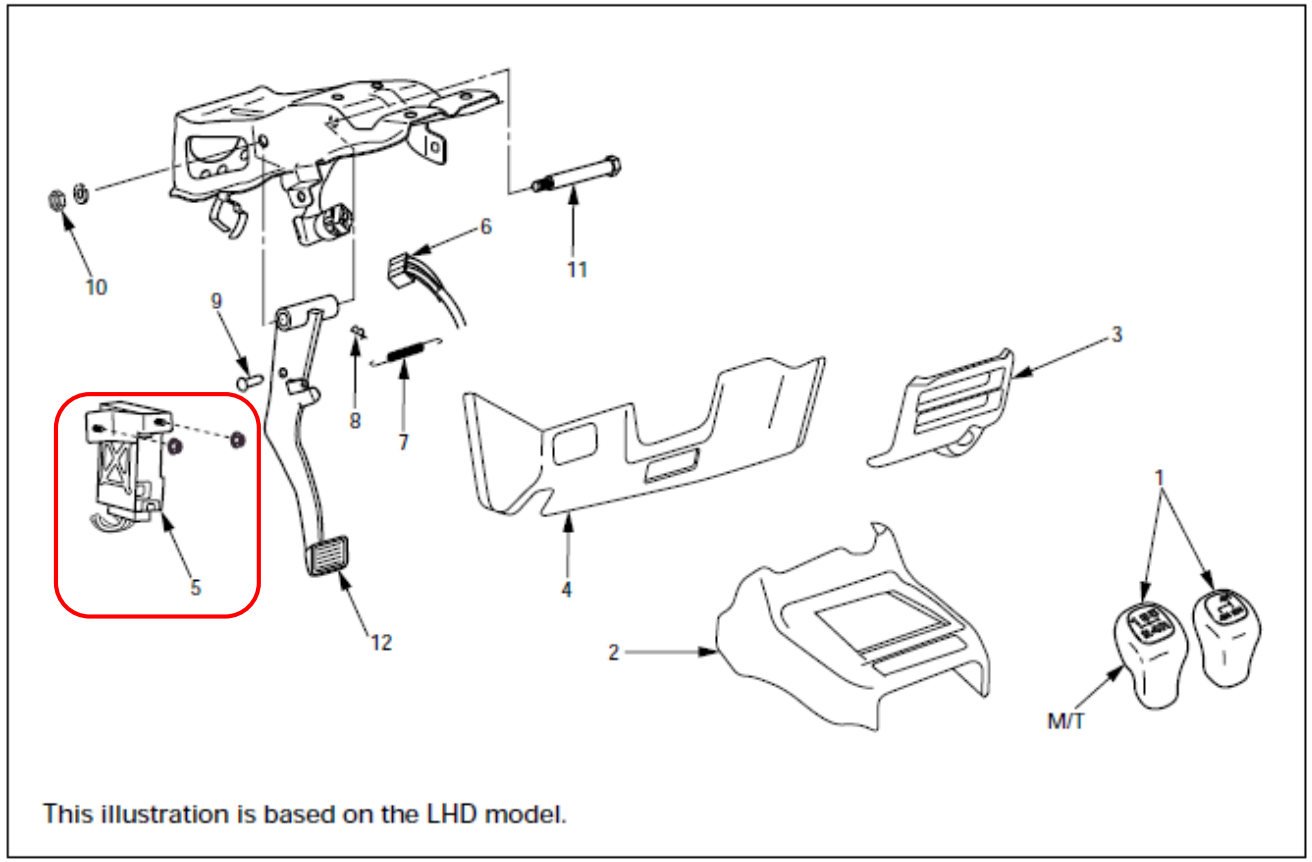


B-22





BRAKE PEDAL REPLACEMENT



This illustration is based on the LHD model.

Removal Steps

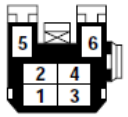
1. Shift knob
2. Front console assembly
3. Lower cluster assembly
4. Instrument panel driver lower cover assembly
5. Anti-theft controller
6. Stoplight switch connector
7. Return spring
8. Snap pin
9. Pin
10. Nut
11. Pin, fulcrum
12. Brake pedal

Installation Steps

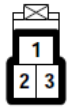
12. Brake pedal
11. Pin, fulcrum
10. Nut
9. Pin
8. Snap pin
7. Return spring
6. Stoplight switch connector
5. Anti-theft controller
4. Instrument panel driver lower cover assembly
3. Lower cluster assembly
2. Front console assembly
1. Shift knob

Circuit Diagram (RHD)-2

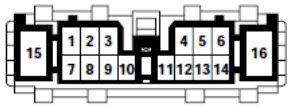
X-16

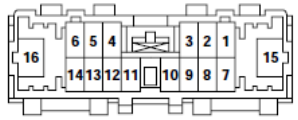


X-8

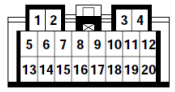


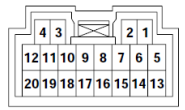
H-13 (RHD)



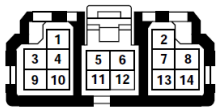


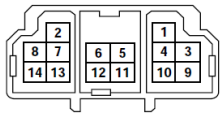
H-15 (RHD)

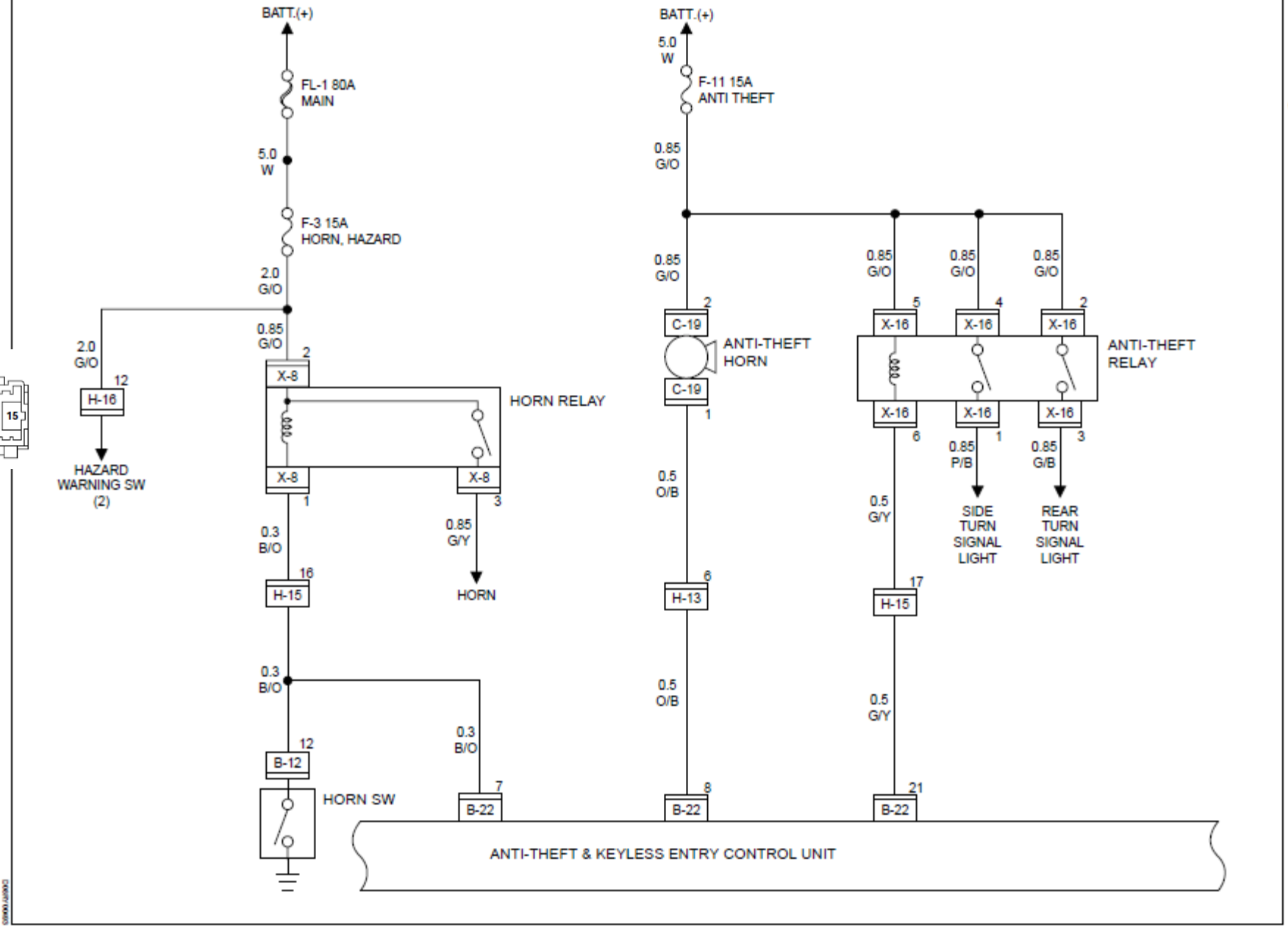




H-15 (LHD)



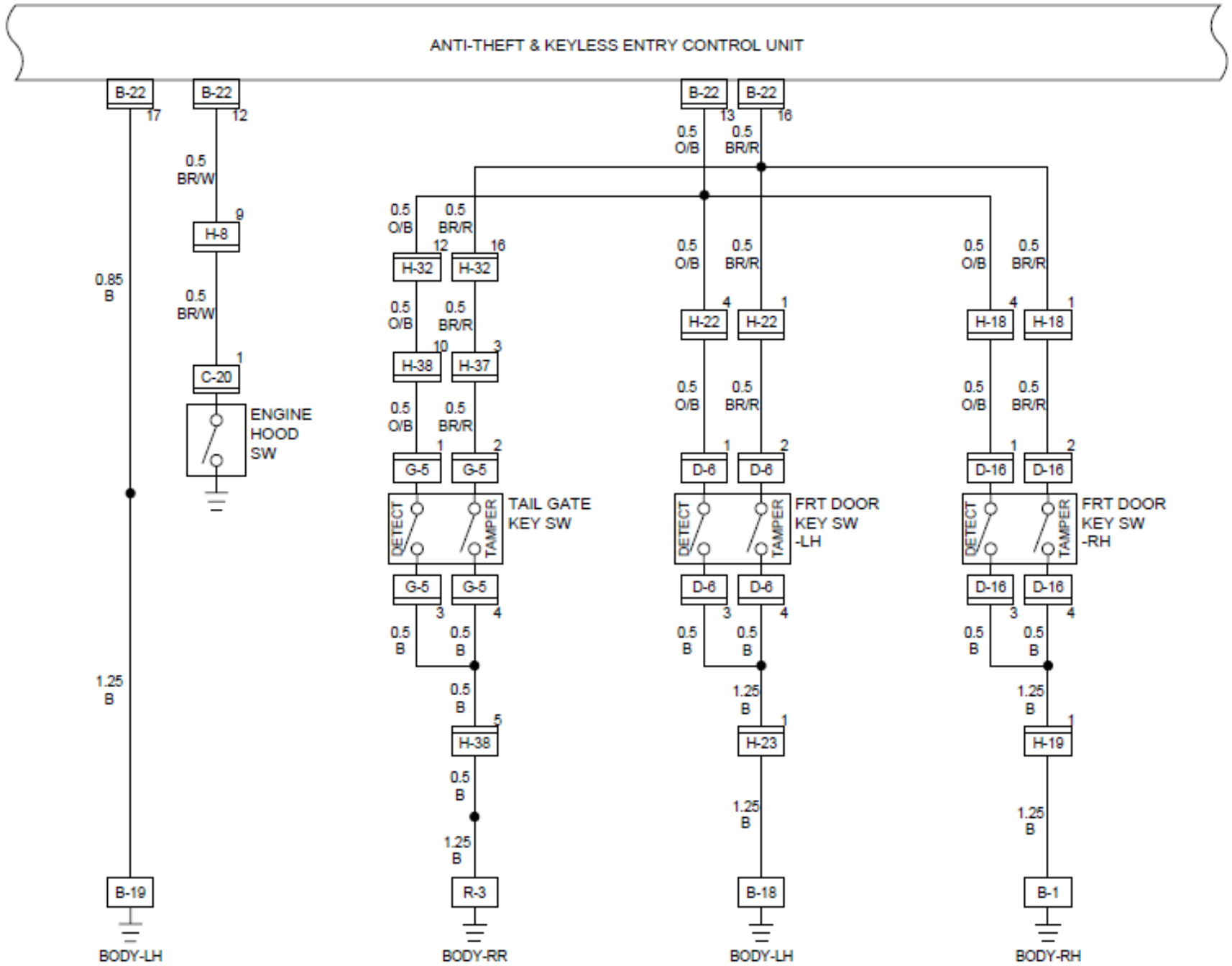


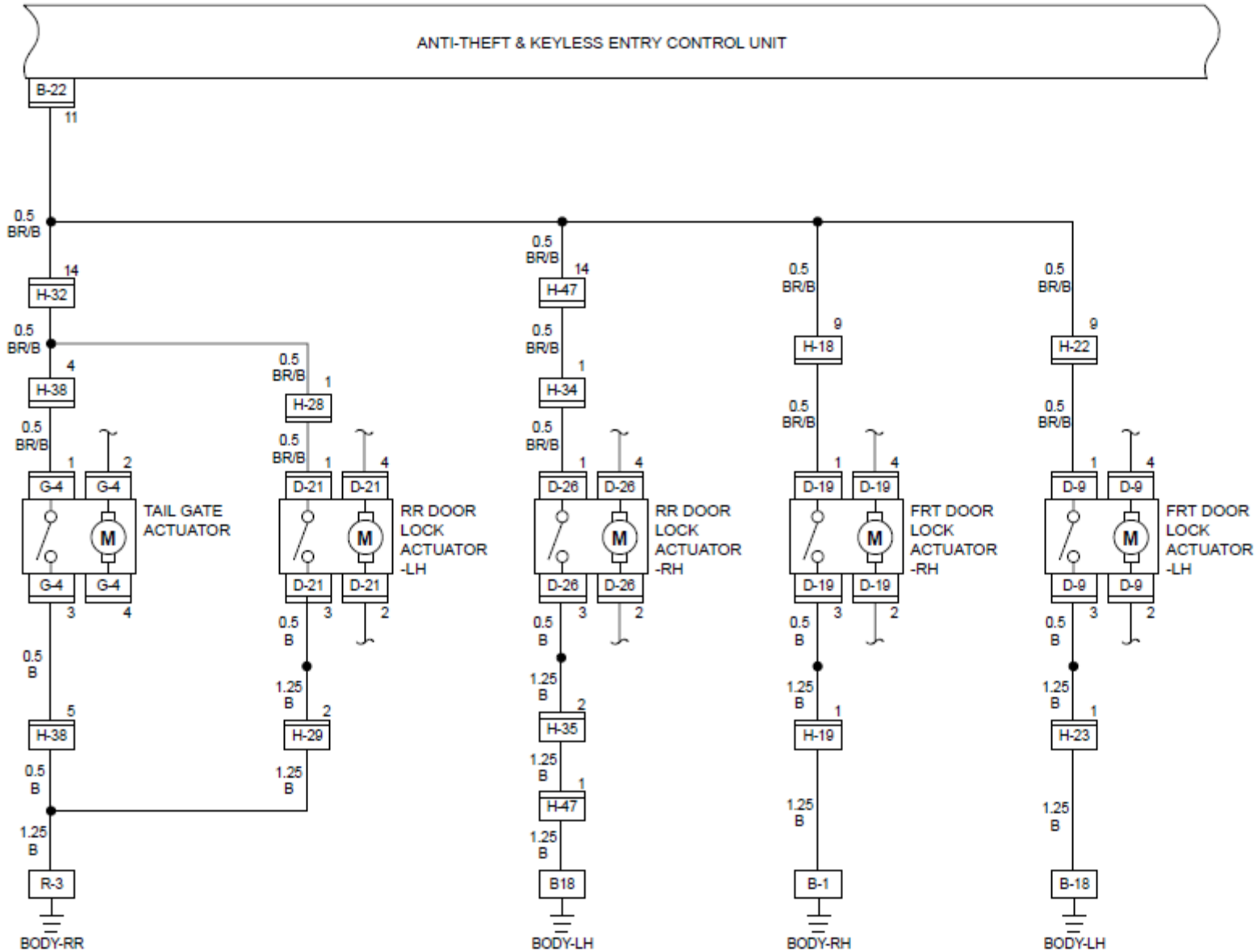


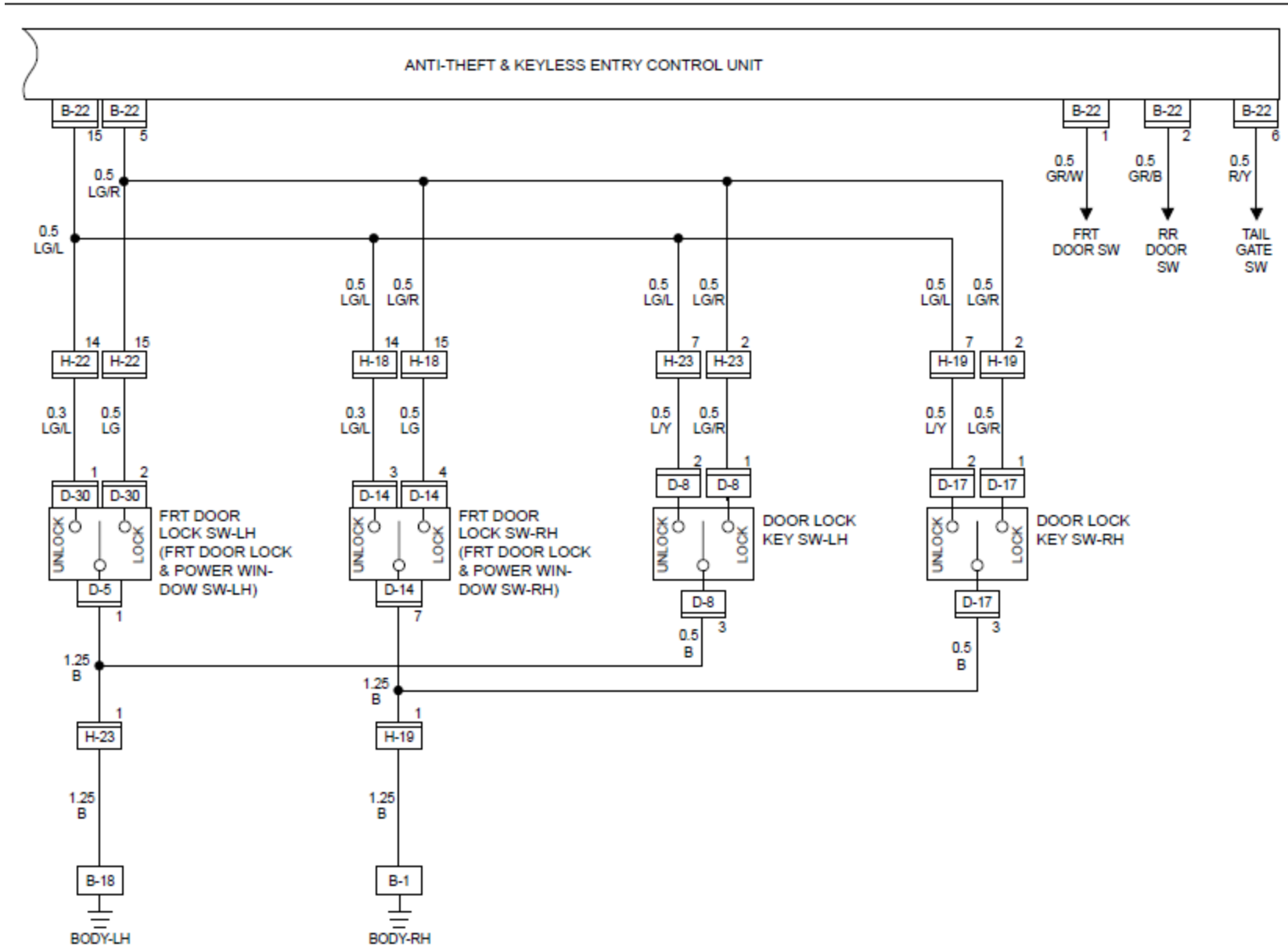
C-20


1

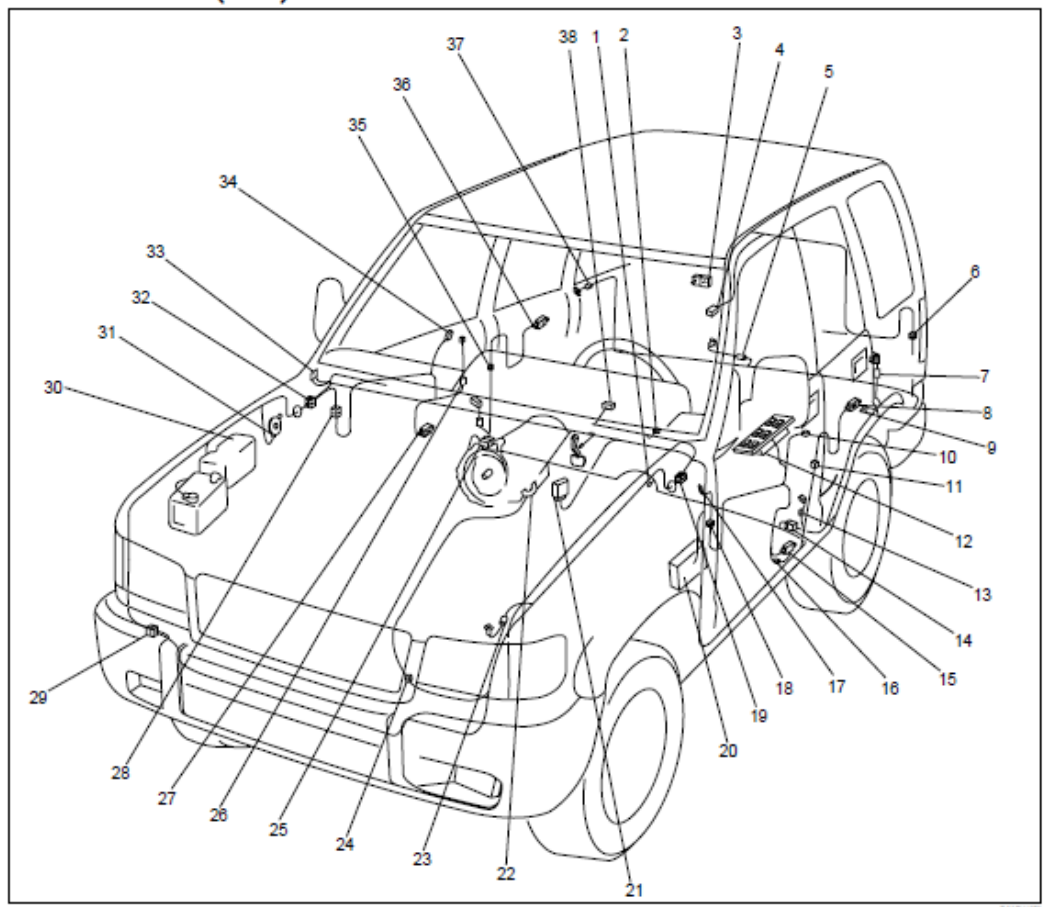

1


ANTI-THEFT & KEYLESS ENTRY CONTROL UNIT
B-22
17
B-22
12
0.5
BR/W
H-8
9
0.85
B
0.5
BR/W
C-20
1
ENGINE
HOOD
SW
1.25
B
B-19
BODY-LH
B-22
13
B-22
16
0.5
O/B
0.5
BR/R
H-32
12
H-32
16
H-38
10
H-37
3
G-5
1
G-5
2
DETECT
TAMPER
TAIL GATE
KEY SW
G-5
3
G-5
4
0.5
B
H-38
5
R-3
BODY-RR
H-22
4
H-22
1
D-6
1
D-6
2
FRT DOOR
KEY SW
-LH
D-6
3
D-6
4
H-23
1
B-18
BODY-LH
H-18
4
H-18
1
D-16
1
D-16
2
FRT DOOR
KEY SW
-RH
D-16
3
D-16
4
H-19
1
B-1
BODY-RH


ANTI-THEFT & KEYLESS ENTRY CONTROL UNIT
B-22
11
0.5 BR/B
14
H-32
0.5 BR/B
4
H-38
0.5 BR/B
1
G-4
2
G-4
TAIL GATE ACTUATOR
M
G-4
G-4
3
4
0.5 B
5
H-38
0.5 B
1.25 B
R-3
BODY-RR
0.5 BR/B
1
H-28
0.5 BR/B
1
D-21
4
D-21
RR DOOR LOCK ACTUATOR -LH
M
D-21
D-21
3
2
0.5 B
1.25 B
2
H-29
1.25 B
0.5 BR/B
14
H-47
0.5 BR/B
1
H-34
0.5 BR/B
1
D-26
4
D-26
RR DOOR LOCK ACTUATOR -RH
M
D-26
D-26
3
2
0.5 B
1.25 B
2
H-35
1.25 B
1
H-47
1.25 B
B18
BODY-LH
0.5 BR/B
9
H-18
0.5 BR/B
1
D-19
4
D-19
FRT DOOR LOCK ACTUATOR -RH
M
D-19
D-19
3
2
0.5 B
1.25 B
1
H-19
1.25 B
B-1
BODY-RH
0.5 BR/B
9
H-22
0.5 BR/B
1
D-9
4
D-9
FRT DOOR LOCK ACTUATOR -LH
M
D-9
D-9
3
2
0.5 B
1.25 B
1
H-23
1.25 B
B-18
BODY-LH


ANTI-THEFT & KEYLESS ENTRY CONTROL UNIT
B-22
15
5
1
2
6
0.5 LG/R
0.5 LG/L
0.5 GR/W
0.5 GR/B
0.5 R/Y
FRT DOOR SW
RR DOOR SW
TAIL GATE SW
H-22
H-18
H-23
H-19
14
15
7
2
0.3 LG/L
0.5 LG
0.5 L/Y
0.5 LG/R
D-30
D-14
D-8
D-17
3
4
UNLOCK
LOCK
FRT DOOR LOCK SW-LH (FRT DOOR LOCK & POWER WIN-DOW SW-LH)
FRT DOOR LOCK SW-RH (FRT DOOR LOCK & POWER WIN-DOW SW-RH)
DOOR LOCK KEY SW-LH
DOOR LOCK KEY SW-RH
D-5
D-14
D-8
D-17
1.25 B
0.5 B
H-23
H-19
B-18
B-1
BODY-LH
BODY-RH

Parts Location (LHD)



Legend

(1) B-26
(2) I-8
(3) G-4
(4) G-5
(5) R-8
(6) H-37, H-38
(7) R-1
(8) D-21
(9) R-3
(10) D-6
(11) H-28, H-29
(12) D-5, D-30
(13) B-22
(14) H-32
(15) D-9
(16) D-8
(17) B-18, B-19
(18) H-22, H-23
(19) H-8, H-26
(20) Fuse Box
(21) B-22
(22) M-25
(23) C-20
(24) H-10
(25) H-47
(26) D-17
(27) D-19
(28) H-18, H-19
(29) H-41, H-42
(30) Relay and Fuse Box (X-17)
(31) C-19
(32) H-12, H-15, H-21
(33) B-1
(34) D-16
(35) H-34, H-35
(36) D-26
(37) R-11
(38) B-12

Diagnosis

Diagnosis Procedure

1. Check to see if the battery voltage is normal.
2. Check to see if the fuse is normal.
3. Replace the anti–theft & keyless entry control unit with one reserved for test. If a trouble recurs even after replacing the control unit, find out the cause of the trouble by referring to "System check procedure" and the following list.

ITEM	MALFUNCTION	POSSIBLE CAUSE	DETECTING METHOD	REMARKS
A	ANTI–THEFT indicator light does not flash	Defective contact of door switch, or open circuit in door switch wiring.	With door open, dome light and courtesy light do not come on.	Burnt out indicator light bulb possible.
		Short circuit in the detect switch.	Check the control unit connector.	Refer to "Connector check table" in this system.
B	Indicator light does not change to fully ON condition, or does not come on at all.	Engine hood, doors and tailgate are not fully closed and locked.	Check to see if doors are closed and locked.	
		Defective door switch, or short circuit in switch wiring.	Dome light and courtesy light remain lit on after closing doors.	
		Defective tamper switch, or short circuit in wiring.	Check the control unit connector.	Refer to "Connector check table" in this system.
		Defective lock switch, or short circuit in wiring.	Check the control unit connector.	Refer to "Connector check table" in this system.
		Defective engine hood switch, or short circuit in wiring.	Check the control unit connector.	Refer to "Connector check table" in this system.
		Defective tailgate switch, or short circuit in wiring.	Luggage room light remains lit after closing tailgate.	
C	ANTI–THEFT indicator light does not turn off. (Steadily on)	Defective control unit.		
D	When door is opened by pulling up locking knob, alarm does not operate	Poor contact of lock switch, or open circuit in wiring.	Check alarm operation (See No. 46 of "System check procedure"), possible cause is a poor contact of lock switch of an open circuit in wiring.	
		Broken wire in wiring to headlight and horn, or a blown fuse.	Check to see if headlights go out. Check the control unit connector.	Refer to "Connector check table" in this system.
E	Alarm does not stop.	Defective contact of detect switch, or damaged switch wiring.	Check the control unit connector.	Refer to "Connector check table" in this system.
F	Even when door unlocked with key, alarm operates.	Defective contact of detect switch, or damaged switch wiring.	Check the control unit connector.	Refer to "Connector check table" in this system.
		Door detect switch is assembled to wrong door.	When key is turned to lock position, alarm stops.	
G	Alarm does not operate even with tailgate open.	Defective contact of tailgate switch, or defective wiring.	When luggage room light switch is turned on with tailgate open, luggage room light does not come on.	
H	Even when tailgate is opened with key, alarm does not stop.	Defective contact of tailgate detect switch, or damage wiring.	Check the control unit connector.	Refer to "Connector check table" in this system.
I	Even when engine hood is opened with remote release, alarm does not operate	Damaged engine hood switch or wiring.		
J	Even when starter switch is turned, alarm does not stop	Defective contact of starter switch.	With starter switch turned to "ACC" position, audio, cigarette lighter and door mirrors (on "ACC" circuit) do not operate.	
K	Indicator light continues flashing	Damaged door switch, or a short circuit in wiring.	After closing door, dome light and courtesy light remain on.	
		Damaged tamper switch, or a short circuit in wiring.	Check the control unit connector.	Refer to "Connector check table" in this system.

System Check Procedure

STEP	OPERATION	ITEM TO BE CHECKED	ITEM OF MALFUNCTION	REMARKS
1	Turn starter key to "ON" position.	Check to see if engine hood, tailgate and doors are closed and locked.		
2	Open windows fully.			
3	Pull out starter key after turning it back to "OFF" position.	Check to see if indicator light remains lit off.	K	
4	Unlock left front door with locking knob.			
5	Open left front door. (And get out of the vehicle.)	Check to see if indicator light flashes.	A	
		Check to see if dome light and courtesy light illuminate.		
6	Close left front door.			Be sure to lock door with locking knob.
7	Lock left front door.	Check to see if indicator light changes from flashing to steadily on.	B	
8	Wait about 10 seconds	Check to see if indicator light turns off in about 10 seconds.	C	Activate alarm device.
9	Unlock left front door with locking knob.	Check to see if alarm operates (with headlight flashing, and horn blaring intermittently.)	D	All doors are unlocked.
10	Insert key into key cylinder of left front door and turn it in unlock direction.	Check to see if alarm stops.	E	With key set at unlock position, check to see if alarm stops.
11	Lock left front door.	Check to see if indicator light turns on.	B	All doors are locked.
12	Wait for about 10 seconds.	Check to see if indicator light goes off after about 10 seconds.	C	Activate alarm device.
13	Unlock left front door with key.	Check to see if alarm does not operate.	F	
14	Lock left front door with key.	Check to see if indicator light turns on.	B	
15	Wait for about 10 seconds.	Check to see if indicator light goes off after about 10 seconds.	C	Activate alarm device.
16	Unlock left rear door with locking knob.	Check to see if alarm starts.	D	Only left rear door is unlocked.
17	Insert key into key cylinder of left front door and turn it to unlock direction.	Check to see if alarm stops.	E	With key set at unlock position, check to see if alarm stops. (All doors are unlocked.)
18	Open left rear door.	Check to see if indicator light flashes.	A	
		Check to see if dome light and courtesy light come on.		
19	With one person in vehicle, close left rear door.			
20	Lock left front door with locking knob.	Check to see if indicator light is steadily on.	B	All doors are locked.
21	Wait about 10 seconds.	Check to see if indicator light turns off in about 10 seconds.	C	Activate alarm device.
22	Unlock tailgate from inside with locking knob.	Check to see if alarm operates.	D	Only tailgate is unlocked.
23	Open tailgate, insert key into key cylinder of tailgate and turn it in lock direction.	Check to see if alarm stops.	H	With key set at unlock position, check to see if alarm stops.
24	Leave tailgate open.	Check to see if indicator light flashes.	A	
		Check to see if luggage room light on.	G	
25	Close tailgate			
26	Insert key into tailgate key cylinder and turn it in lock direction.	Check to see if indicator light changes over from flashing into lighting condition.	B	
27	Wait about 10 seconds.	Check to see if indicator light goes off after about 10 seconds.	C	Activate alarm device.
28	Unlock tailgate with key.	Check to see if alarm does not operate.	F	
29	Lock tailgate with key.	Check to see if indicator light come on.	B	
30	Wait about 10 seconds.	Check to see if indicator light goes off after about 10 seconds.	C	Activate alarm device.

STEP	OPERATION	ITEM TO BE CHECKED	ITEM OF MALFUNCTION	REMARKS
31	Unlock right rear door with locking knob.	Check to see if alarm operates.	D	Only right rear door is unlocked.
32	Insert key into key cylinder of right front door and turn it in unlock direction.	Check to see if alarm stops.	E	With key at unlock position, check to see if alarm stops. (With all doors unlocked.)
33	Open right rear door.	Check to see if indicator light flashes. Check to see if dome light and courtesy light come on.	A	
34	Close right rear door.			
35	Insert key into key cylinder of right front door and turn it in lock direction.	Check to see if indicator light stays on steadily.	B	
36	Wait about 10 seconds.	Check to see if indicator light goes off after about 10 seconds.	C	Activate alarm device.
37	Unlock right front door with locking knob.	Check to see if alarm operates.	D	Only right front door is unlocked.
38	Insert key into key cylinder of right front door and turn it in unlock direction.	Check to see if alarm stops.	E	With key at unlock position, check to see if alarm stops. (With all doors unlocked.)
39	Open right front door.	Check to see if indicator light flashes. Check to see if dome light and courtesy light come on.	A	
40	Close right front door.			
41	Lock right front door with key.	Check to see if indicator light stays on steadily.	B	
42	Wait about 10 seconds.	Check to see if indicator light goes off after about 10 seconds.	C	Activate alarm device.
43	Unlock right front door with key.	Check to see if alarm does not operate.	F	
44	Lock right front door with key.	Check to see if indicator light stays on steadily.	B	
45	Wait about 10 seconds.	Check to see if indicator light goes off after about 10 seconds.	C	Activate alarm device.
46	Open engine hood with engine hood release handle.	Check to see if alarm operates.	I	
47	Insert key into starter switch and turn it to “ACC” position.	Check to see if alarm stops.	J	

NOTE: When the connector of the anti–theft & keyless entry control unit is disconnected, the starter is inoperative.
In the checking of short wheel base model, Step Nos. 16 through 21 and Step Nos. 31 through 36 are omitted.

Connector Check Table

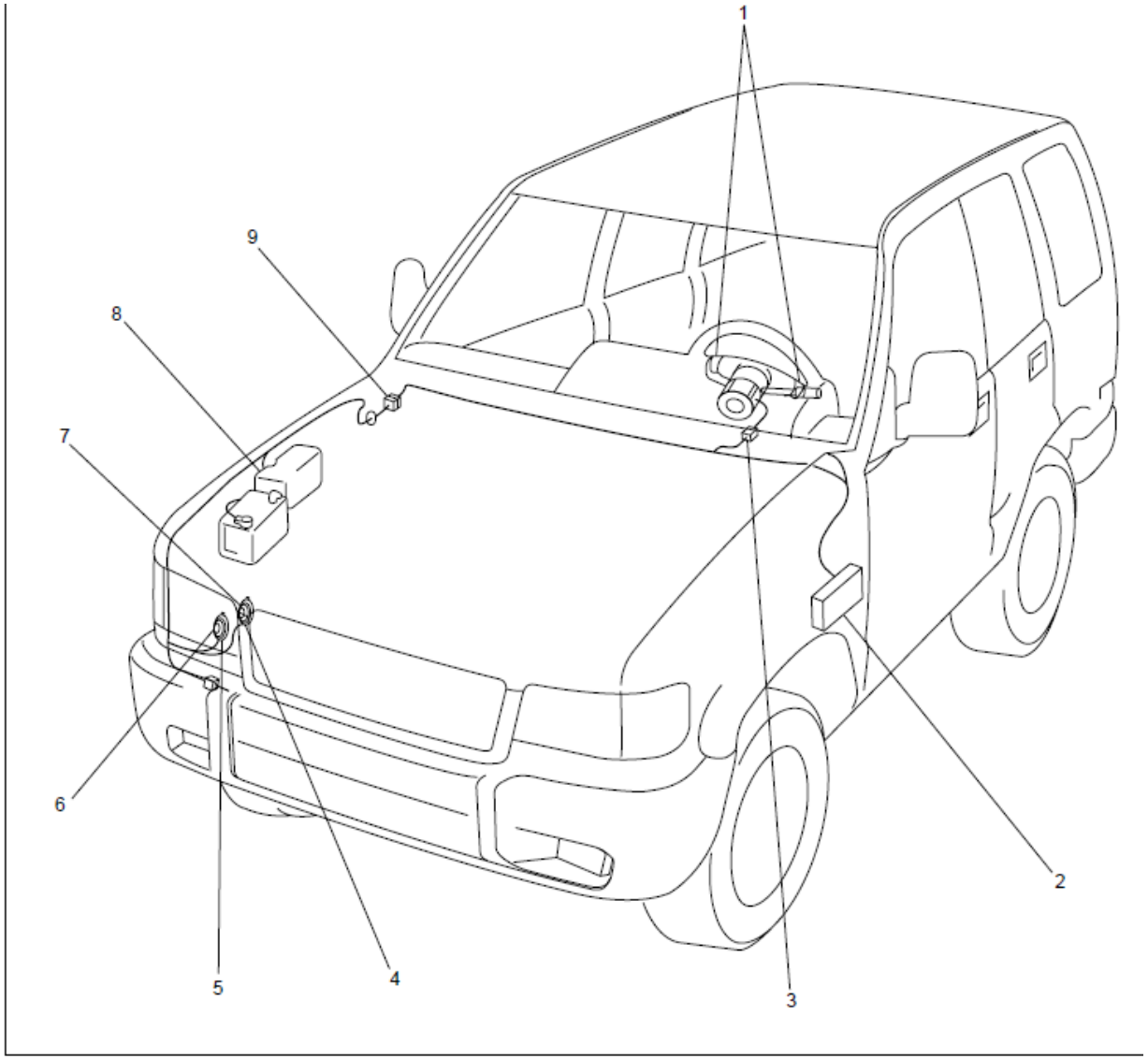
Check the anti–theft & keyless entry control unit harness side connector B–20 by using a circuit tester.

TERMINAL NO.	CONNECTION	CHECK ITEM	OPERATION	CIRCUIT CONDITION
1	FRT door switch–LH, RH	Continuity	Open door	Continuity
			Close door	No continuity
2	RR door switch–LH, RH	Continuity	Open door	Continuity
			Close door	No continuity
3	—	—	–	–
4	Door lock key switch–LH, RH	Continuity	Lock with key	Continuity
5	FRT door lock switch–LH, RH	Continuity	Lock	Continuity
6	Tailgate switch	Continuity	Open tailgate	Continuity
			Close tailgate	No continuity
8	Anti–theft horn	Voltage	–	Approx. 12V
10	Battery	Voltage	–	Approx. 12V
11	Door switch	Continuity	Unlock with locking knob	Continuity
			Lock with locking knob	No continuity
12	Engine hood switch	Continuity	Open engine hood	Continuity
			Close engine hood	No continuity
13	Detect switch	Continuity	Unlock with key	Continuity
			Lock with key	No continuity
14	Door lock key switch	Continuity	Unlock	Continuity
15	FRT door lock switch–LH, RH	Continuity	Unlock	Continuity
16	Tamper switch	Continuity	–	No continuity
17	Ground	Continuity	–	Continuity
18	Starter switch	Voltage	Starter switch “ACC”	Approx. 12V
19	Indicator light	Voltage	–	Approx. 12V
20	Dome light	Voltage	Dome light “DOOR” position	Approx. 12V
21	Anti-theft relay	Voltage	–	Approx. 12V
22	Starter relay	Voltage	Mode switch “P” or “N”	Approx. 12V
			Clutch pedal depressed	Approx. 12V

Answer Back (Anti–theft Horn Operation) Change Mode

Anti–theft horn, as an answer back function for the transmitter operation, changes from available into unavailing or from unavailing into available by this procedure.

Step	Action	Yes	No
1	Open the driver's side door. Is the action complete?	Go to Step 2	—
2	Lock the door and then unlock it three times within ten seconds after step 1. Is the action complete within five seconds?	Go to Step 3	Finished
3	Close the door and then open it two times within ten seconds after step 2. Is the action complete within ten seconds?	Go to Step 4	Finished
4	1. Lock the door and unlock it three times. 2. Close the door and then open it. NOTE: This step must be performed within ten seconds after step 3. Is the action complete?	Go to Step 5	Finished
5	Answer back mode changes. Is this step complete?	Go to Step 6	Go to Step 7
6	The control unit makes lock/unlock response once with interval of one second. Is the response complete?	Finished	—
7	The control unit makes lock/unlock response three times with interval of one second. Is the response complete?	Finished	—



Legend

(1) Horn Switch
(2) Fuse Box
(3) B-12
(4) C-28
(5) C-27
(6) Horn (High Note)
(7) Horn (Low Note)
(8) Relay and Fuse Box (X-8)
(9) H-12, H-16