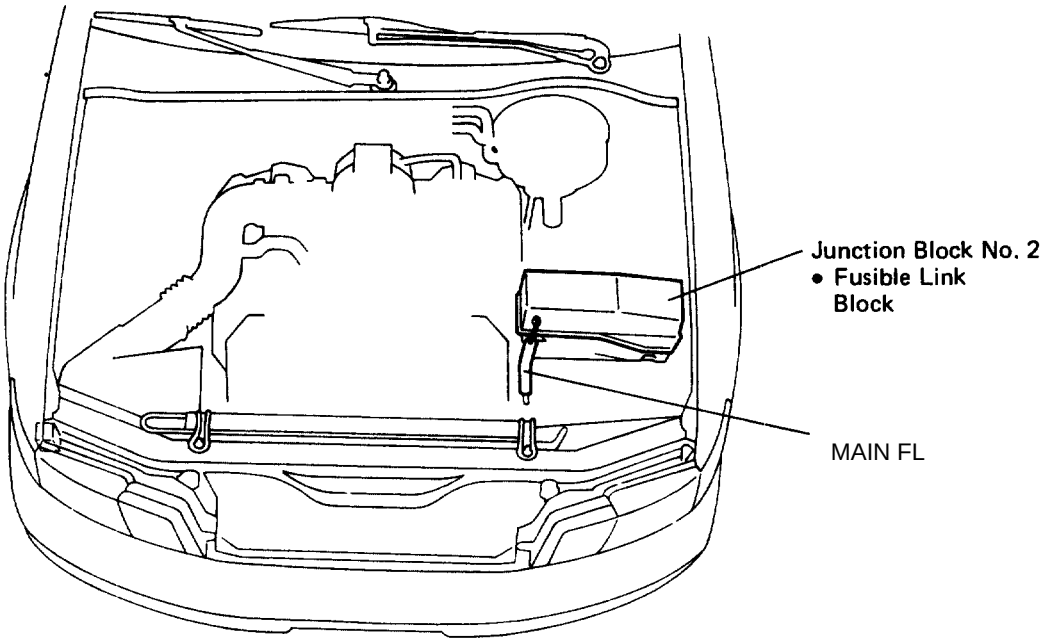
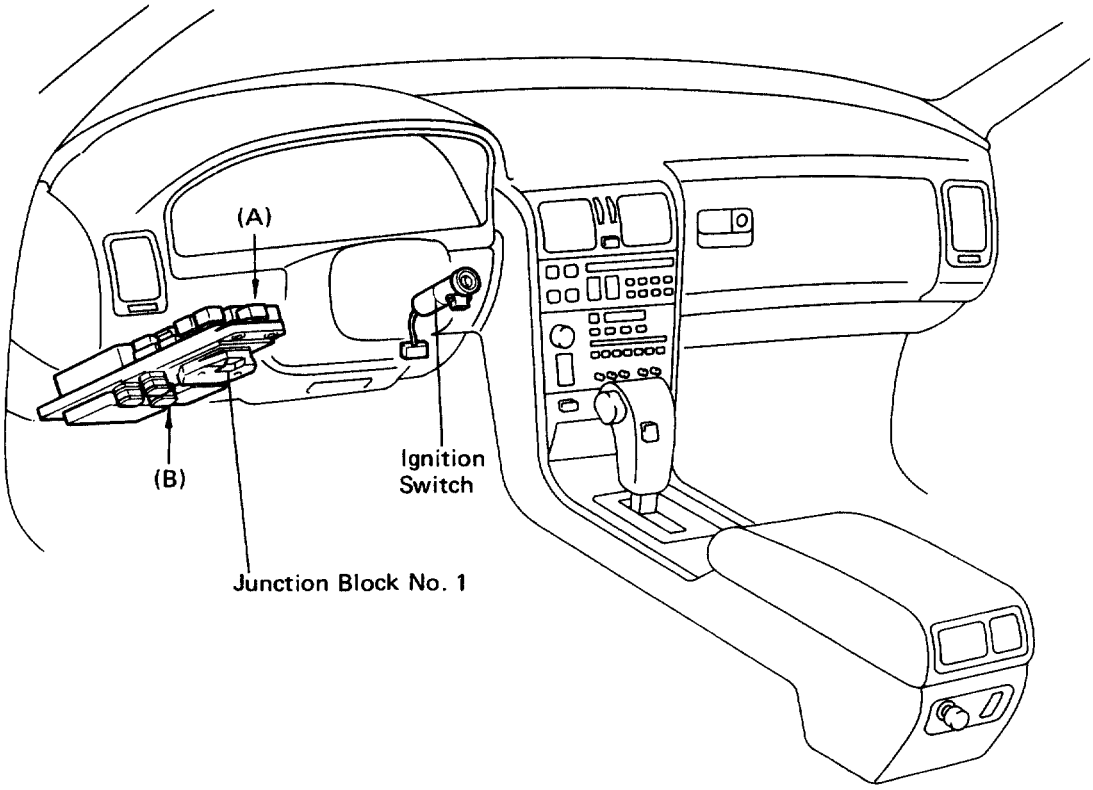
POWER SOURCE

Parts Location

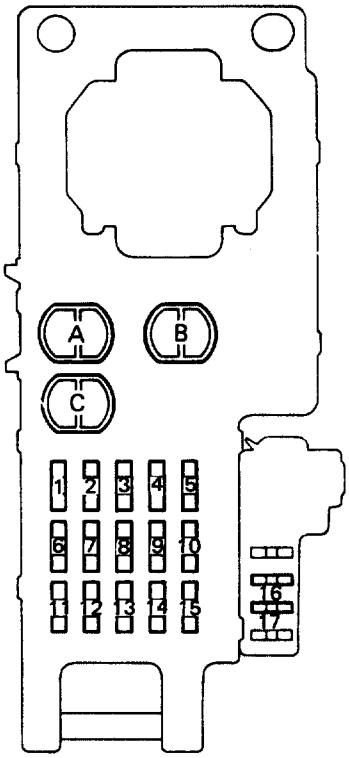




BE3391
BE3398

Parts Location (Cont'd)

JUNCTION BLOCK NO. 1 (B)



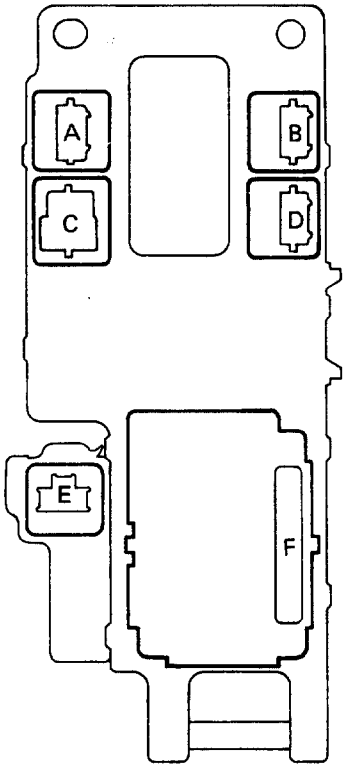
Fuses

1.	STOP	25A
2.	RADIO NO. 2	7.5A
3.	GAUGE	10A
4.	TURN	7.5A
5.	TAIL	15A
6.	FOG	15A
7.	CIG	15A
8.	ENGINE	7.5A
9.	HEATER	15A
10.	PANEL	7.5A
11.	ECU-B	15A
12.	MIR-HTR	10A
13.	ECU-IG	15A
14.	WIPER	20A
15.	IGN	7.5A
16.	ST	7.5A
17.	TRAC	15A

Circuit Breakers

A.	P/W	30A
B.	DEFOG	40A
C.	DOOR	30A

JUNCTION BLOCK NO. 1 (A)



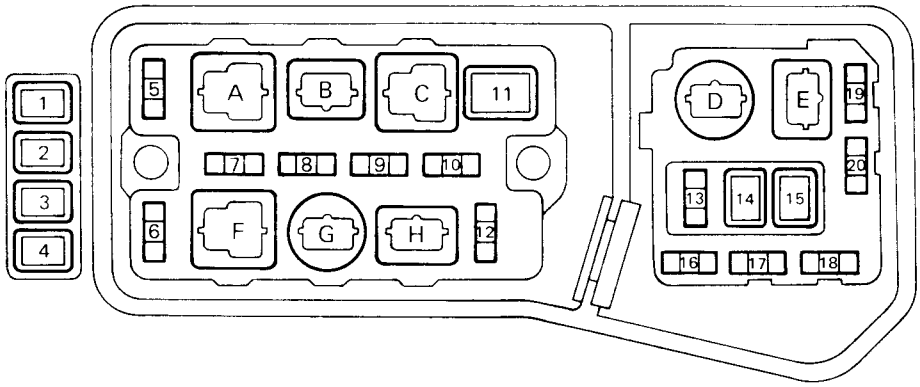
Relays

A. Taillight Control Relay
B. Power Window
C. Defogger Relay
D. Fog Light Relay
E. Turn Signal Flasher Relay
F. Integration Relay

BE338

Parts Location (Cont'd)

JUNCTION BLOCK NO. 2



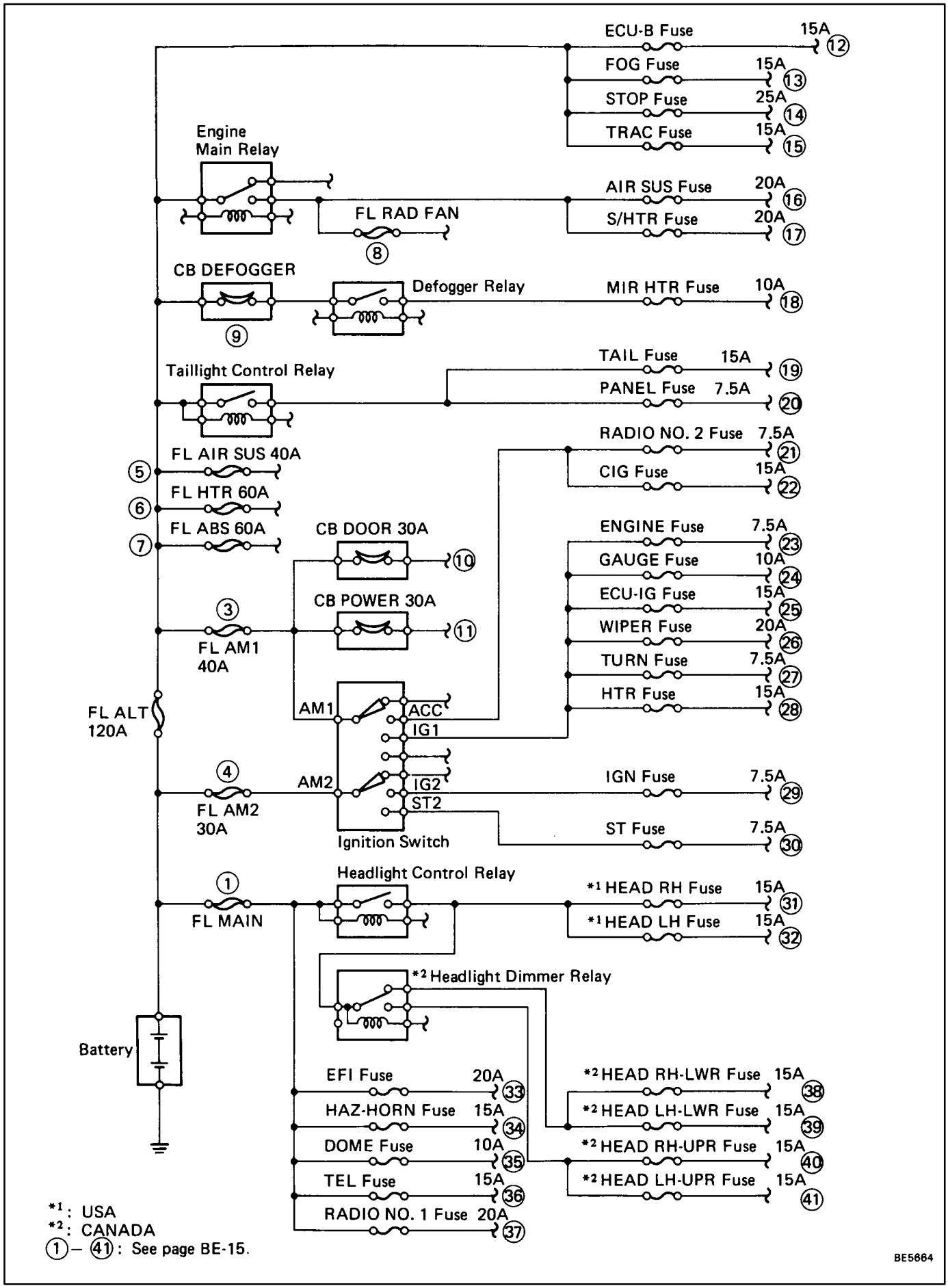
Fuses and Fusible Links

1.	ABS (FL)	60A
2.	AM1 (FL)	40A
3.	ALT (FL)	120A
4.	AM2 (FL)	30A
5.	RADIO NO. 1	20A
6.	HAZ-HORN	15A
7.	DOME	10A
8.	TEL	15A
9.	EFI	20A
10.	SEAT HTR	20A
11.	RAD FAN (FL)	30A
12.	AIR SUS	20A
13.	_____	
14.	AIR SUS (FL)	40A
15.	HTR (FL)	60A
16.	_____	
17.	HEAD LH	15A (USA)
	HEAD LH - LWR	15A (CANADA)
18.	HEAD RH	15A (USA)
	HEAD RH - LWR	15A (CANADA)
19.	HEAD RH - UPR	15A (CANADA)
20.	HEAD LH - UPR	15A (CANADA)

Relays

- **A. Headlight Control Relay**
- **B. Starter Relay**
- **C. Engine Main Relay**
- **D. Magnetic Clutch Relay**
- **E. Headlight Dimmer Relay (CANADA)**
- **F. Heater Main Relay**
- **G. Horn Relay**
- **H. EFI Main Relay**

Wiring Diagram



Description

The power source supplies power to each of the vehicle's electrical devices. It is composed of the battery, fusible links, circuit breakers, fuses and relays, which are located centrally at junction block No. 2 in the engine compartment and junction block No. 1 in the cabin near the driver's feet.

Related systems for each fusible link, circuit breaker and fuse

No.	Part Name	Related Systems or Parts	
1	FL MAIN	• InteriorLight System • Headlight System • Hazard Warning Light System	• Horn • Telephone • Starter
2	FL ALT	• Fog Light System • Taillight System • Stop Light System • Turn Signal Light System • Defogger System • Seat Heater System • A/C System • Heater System • Power Shoulder Belt Anchorage System	• Door Lock Control System • Power Window System • Power Seat System • Audio System • Motor Antenna • Cigarette Lighter • Combination Meter • Wiper and Washer
3	FL AM1	• Turn Signal Light System • Door Lock Control System • Power Window System • Power Seat System • Audio System • Motor Antenna • Wiper and Washer • Power Shoulder Belt Anchorage System	• A/C System • Heater System • Power Tilt and Telescopic • Cigarette Lighter • Combination Meter • A.B.S. System • Air Suspension System
4	FL AM2	• Discharge Warning Light • Radiator Fan • Starter	• Engine • Seat Heater System • Air Suspension System
5	FL AIR SUS	• Air Suspension System	
6	FL A.B.S.	• A.B.S. System	
7	FL HTR	• A/C System	• Heater System
8	FL RAD FAN	• Radiator Fan	
9	CB DEFOGGER	• Defogger System	
10	CB DOOR	• Door Lock Control System • Power Seat System	• Fuel Lid Opener System
11	CB POWER	• Power Window System • Power Shoulder Belt Anchorage System	• Sliding Roof System

No.	Parts Name	Related Systems or Parts	
12	ECU-B Fuse	• AIR-BAG Warning Light	• Daytime Running Light System
13	FOG Fuse	• Fog Light System	
14	STOP Fuse	• Stop Light System	
15	TRAC Fuse	• TRAC System	
16	AIR SUS Fuse	• Air Suspension System	
17	S/HTR Fuse	• Seat Heater System	
18	MIR HTR Fuse	• Mirror Heater (Defogger System)	
19	TAIL Fuse	• Taillight System	
20	PANEL Fuse	• Illumination Light System	
21	RADIO No.2 Fuse	• Remote Control Mirror System • Audio System	• A/C System
22	CIG Fuse	• Cigarette Lighter	
23	ENGINE Fuse	• Charging System	
24	GAUGE Fuse	• Combination Meter	
25	ECU-IG Fuse	• Cruise Control System • Power Tilt and Telescopic • Steering	• ABS System • Air Suspension System
26	WIPER Fuse	• Wiper and Washer System	
27	TURN Fuse	• Turn Signal Light System	
28	HTR Fuse	• Heater System	
29	IGN Fuse	• Engine • Discharge Warning Light	• Starter
30	ST Fuse	• Starter	
31	HEAD RH Fuse	• Headlight (RH)	
32	HEAD LH Fuse	• Headlight (LH)	
33	EFI Fuse	• Engine	
34	HAZ-HORN Fuse	• Horn	• Hazard Warning Light System
35	DOME Fuse	• Interior Light System	• Liquid Crystal Inner Mirror System
36	TEL Fuse	• Telephone	
37	RADIO No.1 Fuse	• Audio System	
38	HEAD RH-LWR Fuse	• Headlight LO-Beam (RH)	
39	HEAD LH-LWR Fuse	• Headlight LO-Beam (LH)	
40	HEAD RH-UPR Fuse	• Headlight HI-Beam (RH)	
41	HEAD LH-UPR Fuse	• Headlight HI-Beam (LH)	

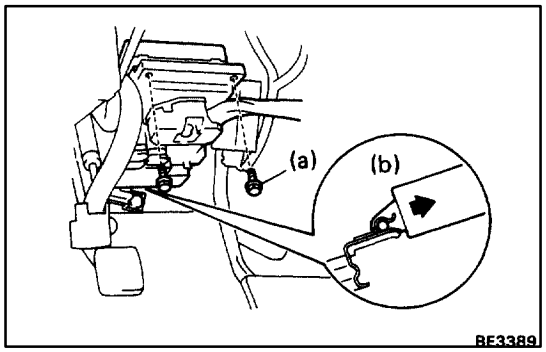
Replacement of Relays

REPLACEMENT OF RELAY IN JUNCTION BLOCK NO.1

1. REMOVE FOLLOWING PARTS:

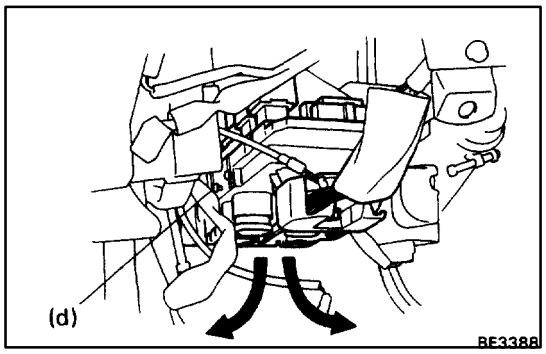
(See page BO-146)

(a) Cover sub assembly instrument panel under No.1
(b) Pad sub assembly instrument panel lower LH
(c) Pad sub assembly instrument panel key cylinder
(d) Bracket finish panel mounting No.3
(e) Duct heater to register No.2



2. REMOVAL AND INSTALLATION OF RELAY

(a) Remove the junction block No.1 set bolts.
(b) Remove the clamp.
(c) Separate the tilt and telescopic ECU from junction block.
(d) Remove the wire harness clamp.
(e) Pull the junction block down, and move the top to the right or left. With the junction block in this condition, the relay can be removed or installed and the junction block side can be checked.
(f) For installation follow the removal procedure in reverse.



Replacement of Fusible Link

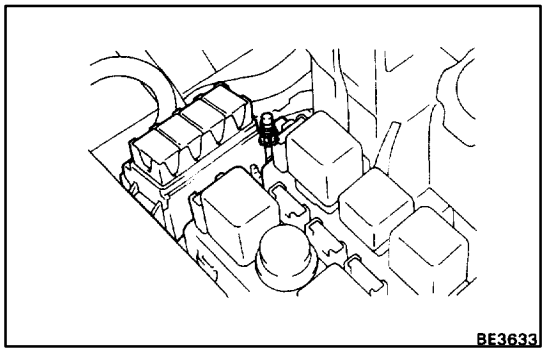
REPLACEMENT OF FUSIBLE LINK IN FUSIBLE LINK BLOCK

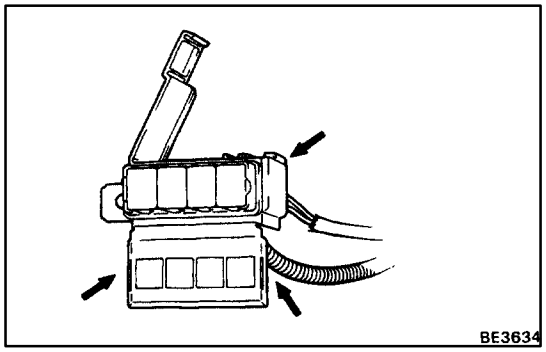
1. REMOVE FUSIBLE LINK

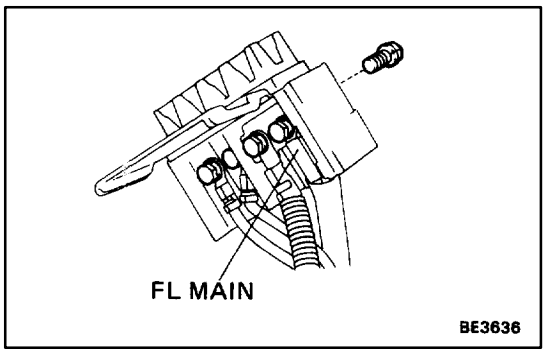
(a) Remove the battery.

CAUTION: Work must be started after approx. 20 seconds or longer from the time the ignition switch is turned to the "LOCK" position and negative (-) terminal cable is disconnected from the battery.

(b) Remove the junction block No.2 cover.
(c) Remove the fusible link block set bolt.
(d) Pry loose three locking lugs.







(e) Remove two bolts and fusible link.
(f) Remove a bolt and disconnect connector and remove FL MAIN fusible link.

2. INSTALL FUSIBLE LINK

For installation follow removal procedure in reverse.

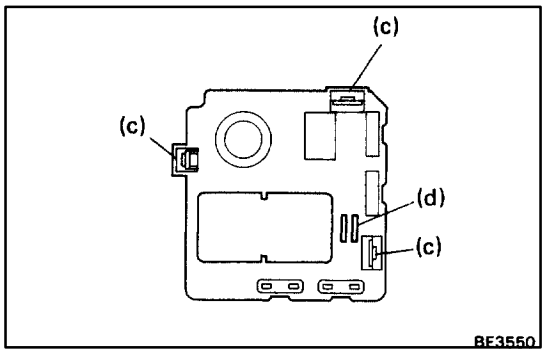
REPLACEMENT OF FUSIBLE LINK IN RELAY BLOCK NO.2

1. REMOVE FUSIBLE LINK

(a) Disconnect the battery terminals.

CAUTION: Work must be started after approx. 20 seconds or longer from the time the ignition switch is turned to the "LOCK" position and negative (-) terminal cable is disconnected from the battery.

(b) Remove the junction block No.2 cover.

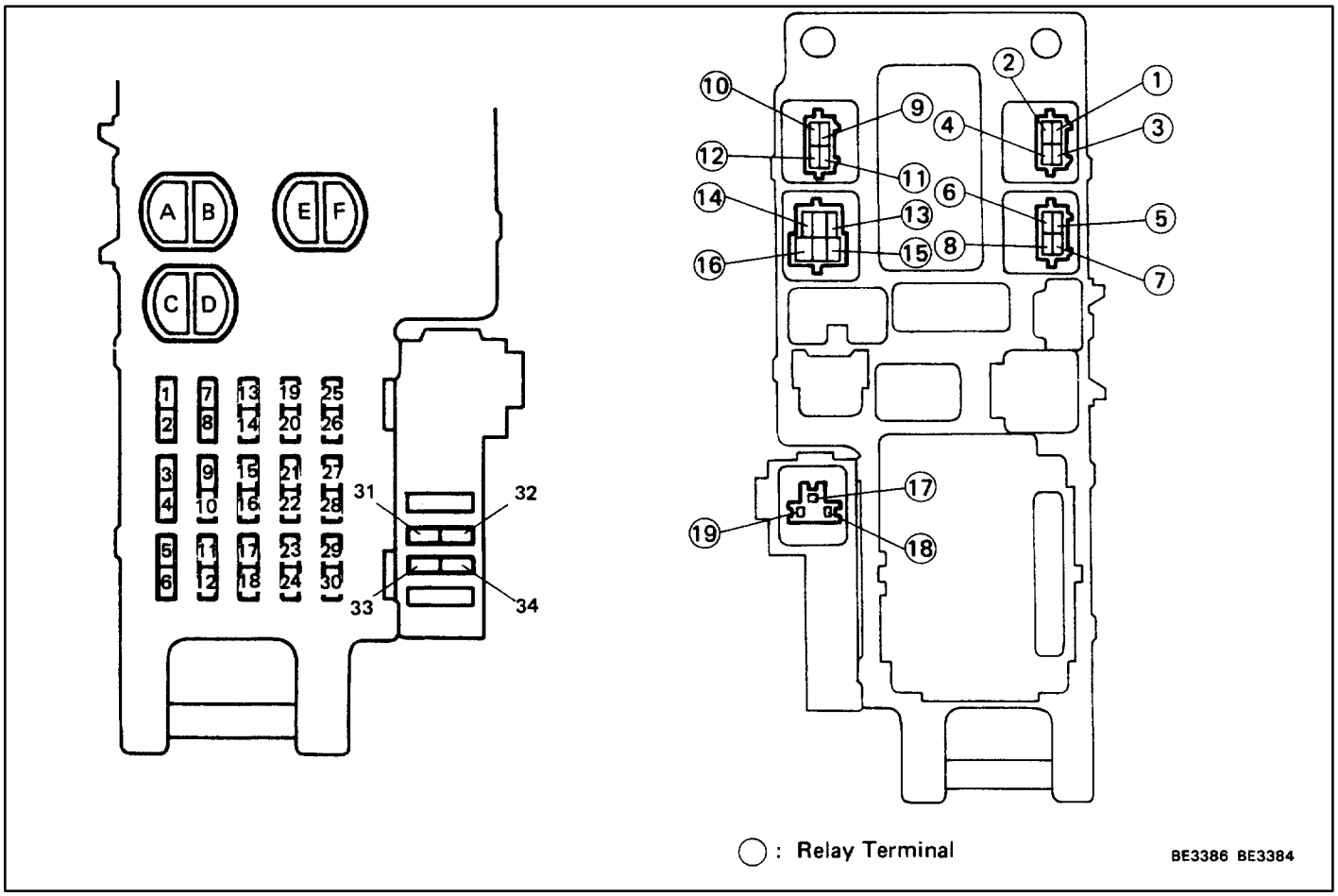


(c) Spread the tabs on relay block No.2 and separate the relay block from junction block No.2.
(d) Spread the tabs on relay block No.2 and pull the fusible link connector down and out.
(e) Remove the bolts and fusible link.

2. INSTALL FUSIBLE LINK

For installation follow the removal procedure in reverse.

Inspection of Power Source Circuit
INSPECTION OF JUNCTION BLOCK NO.1 AND RELAY BLOCK



1. INSPECT FUSE CIRCUIT

Remove the fuse from the junction block and inspect the connector on junction block side as shown.

Fuse	Check for	Tester connection	Condition	Specified value
FOG	Voltage	3-Ground	Constant	Battery voltage
ECU-B		5-Ground	Constant	
RADIO NO.2		7-Ground	Ignition switch turned to ACC or ON	
STOP		1-Ground	Constant	
TAIL		26-Ground	Light control switch turned to TAIL or HEAD	
PANEL		28-Ground		
WIPER		23-Ground	Ignition switch turned to ON	
HEATER		22-Ground	Ignition switch turned to ON	
CIG		9-Ground	Ignition switch turned to ACC or ON	
GAUGE		14-Ground	Ignition switch turned to ON	
TURN		20-Ground	Ignition switch turned to ON	

Fuse	Check for	Tester connection	Condition	Specified value
MIR-HTR	Voltage	12-Ground	Ignition switch ON and Defogger switch ON	Battery voltage
ECU-IG		17-Ground	Ignition switch turned to ON	
ENGINE		15-Ground	Ignition switch turned to ON	
IGN		29-Ground	Ignition switch turned to ON	
ST		32-Ground	Ignition switch turned to START	
TRAC		34-Ground	Constant	

If the circuit is not as specified, refer to BE-14 wiring diagram and inspect the circuits connected to other parts.

2. INSPECT CIRCUIT BREAKER CIRCUIT

Remove the circuit breaker from the junction block and inspect the connector on junction block side as shown.

Circuit breaker	Check for	Tester connection	Condition	Specified value
DOOR	Voltage	C-Ground	Constant	Battery voltage
P/W		A-Ground	Constant	
DEFOG		E-Ground	Constant	

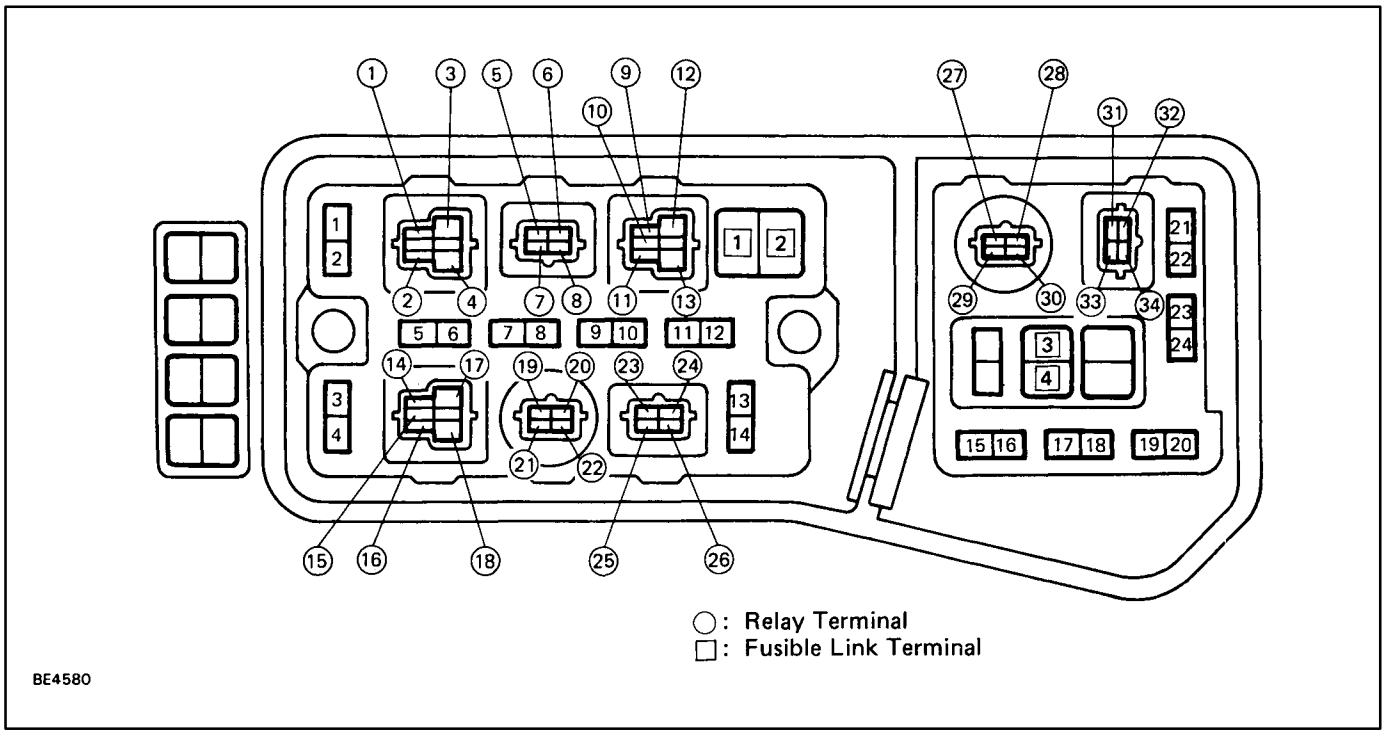
If the circuit is not as specified, refer to BE-14 wiring diagram and inspect the circuits connected to other parts.

3. INSPECT RELAY CIRCUIT

Remove the relay from the junction block and inspect the connector on junction block side as shown.

Relay	Check for	Tester connection	Condition	Specified value
Fog Light Control Relay	Voltage	(5)-Ground	Light control switch turned to HEAD	Battery voltage
		(7)-Ground	Constant	
Taillight Control Relay		(9)-Ground	Constant	
		(11)-Ground	Constant	
Power Window Relay		(1)-Ground	Ignition switch turned to ON	
		(3)-Ground	Constant	
Defogger Relay		(13)-Ground	Ignition switch turned to ON	
		(15)-Ground	Constant	
Turn Signal Flasher Relay		(18)-Ground	Hazard switch turned to ON	
			Ignition switch turned to ON	
	Continuity	(19)-Ground	Constant	Continuity

If the circuit is not as specified, refer to BE-14 wiring diagram and inspect the circuits connected to other parts.



1. INSPECT FUSE CIRCUIT

Remove the fuse from the junction block and inspect the connector on junction block side as shown.

Fuse	Check for	Tester connection	Condition	Specified value
RADIO NO.1	Voltage	2 - Ground	Constant	Battery voltage
HAZ-HORN		3 - Ground	Constant	
DOME		5 - Ground	Constant	
TEL		8 - Ground	Constant	
EFI		9 - Ground	Constant	
SEAT HTR		11 - Ground	Ignition switch turned to ON	
AIR SUS		13 - Ground	Ignition switch turned to ON	
*1HEAD LH		15 - Ground	Light control switch turned to HEAD	
*2HEAD LH-LWR		15 - Ground	Engine running, or light control switch HEAD and dimmer switch LO	
*2HEAD RH-LWR		17 - Ground		
*1HEAD RH		17 - Ground	Light control switch turned to HEAD	
*2HEAD RH-UPR		20 - Ground	Light control switch HEAD and dimmer switch HI	
*2HEAD LH-UPR		22 - Ground		

*1: USA

*2: CANADA

If the circuit is not as specified, refer to BE-14 wiring diagram and inspect the circuits connected to other parts.

2. INSPECT RELAY CIRCUIT

Remove the relay from the junction block and inspect the connector on junction block side as shown.

Relay	Check for	Tester connection	Condition	Specified value
Headlight Control Relay	Voltage	1-Ground	Constant	Battery voltage
		3-Ground	Constant	
Starter Relay		5-Ground	*1Ignition switch turned to START	
		6-Ground	Constant	
Engine Main Relay		11-Ground	Ignition switch turned to ON	
		12-Ground	Constant	
Heater Main Relay		14-Ground	Ignition switch turned to ON	
		17-Ground	Constant	
Horn Relay		21-Ground	Constant	
		22-Ground	Constant	
EFI Main Relay		25-Ground	Constant	
		26-Ground	Ignition switch turned to ON	
Magnetic Clutch Relay		27-Ground	Ignition switch turned to ON	
		28-Ground	Ignition switch turned to ON	
*2Headlight Dimmer Relay		33-Ground	Light control switch turned to HEAD or *2Engine running	

*1: Shift lever position is P or N range.

*2: Canada

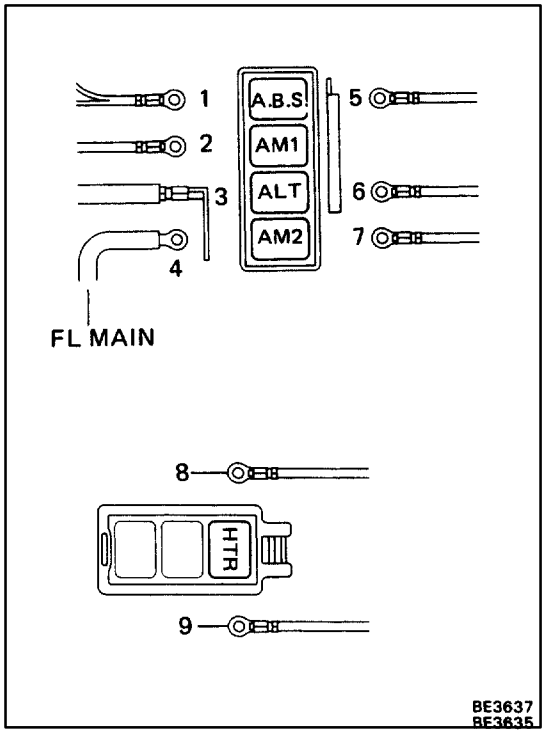
If circuit is not specified, refer to BE-14 wiring diagram and inspect the circuits connected to other parts.

3. INSPECT FUSIBLE LINK CIRCUIT

Remove the fusible link from the junction block and inspect the connector on junction block side as shown.

Fusible link	Check for	Tester connection	Condition	Specified value
RAD FAN	Voltage	[1]-Ground	Constant	Battery voltage
AIR SUS		[3]-Ground	Constant	

If the circuit is not as specified, refer to BE-14 wiring diagram and inspect circuits connected to other parts.



4. INSPECT FUSIBLE LINK CIRCUIT
(Bolted type)

(a) Remove the battery.

CAUTION: Work must be started after approx. 20 seconds or longer from the time the ignition switch is turned to the "LOCK" position and negative (-) terminal cable is disconnected from the battery.

(b) Remove the fusible link set bolts.

(c) Inspect the continuity between terminals and connected parts as shown.

Terminal	Connected parts	Terminal	Connected parts
1	• A.B.S. Actuator • TRAC Main Relay	5	• Fusible Link HTR • Fusible Link AIR SUS
2	• Ignition Switch • Alternator • CB DOOR • CB P/W	6	• Engine Main Relay
3	• Battery Positive Terminal	7	• Ignition Switch • Ignition Main Relay
4	• Headlight Control Relay • Starter Relay • Fuse HORN • Fuse EFI • Fuse TEL • Fuse RADIO NO.1 • Fuse DOME	8	• Fusible Link ALT
		9	• Heater Relay

If circuit is not as specified, inspect wire harness between fusible link and connected parts.

HINT: Refer to BE-14 wiring diagram and the wiring diagram for each systems.