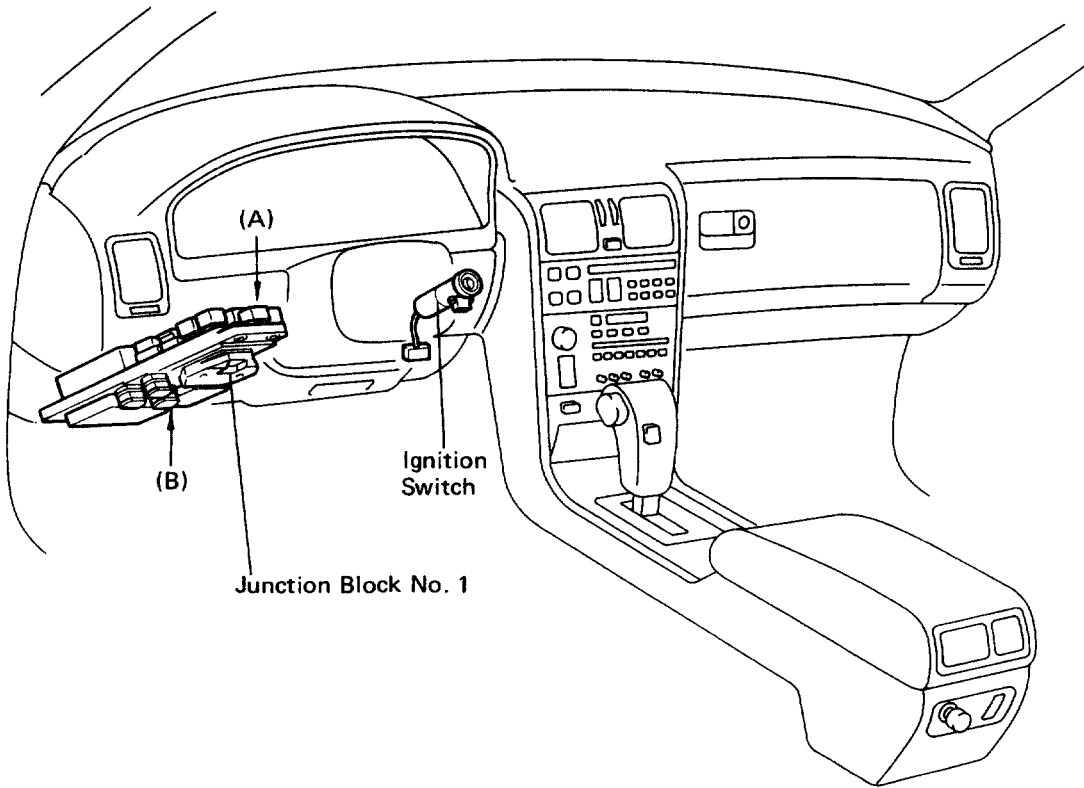
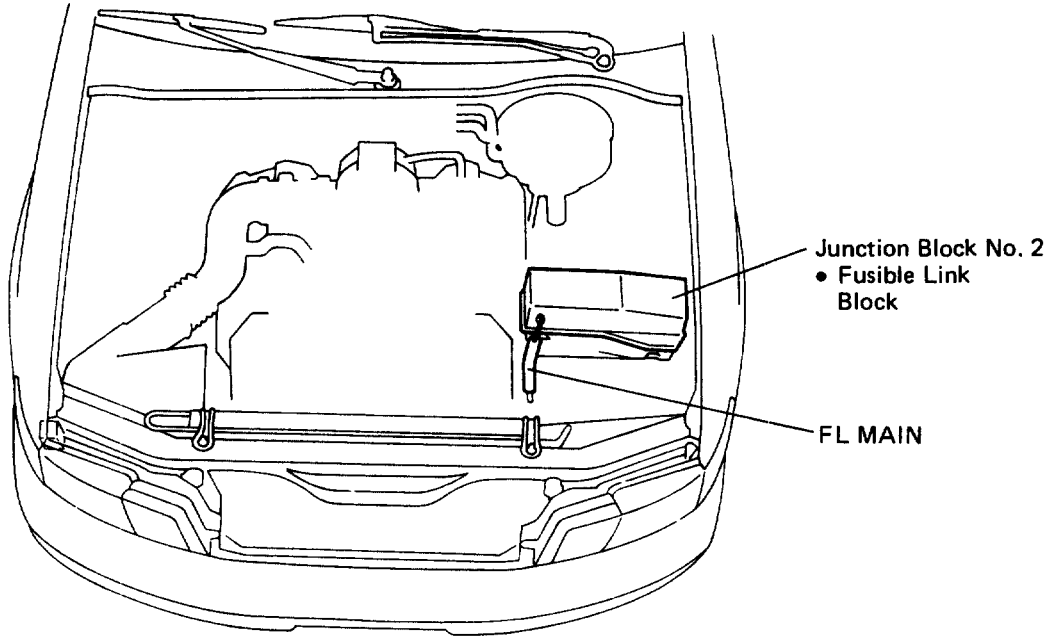


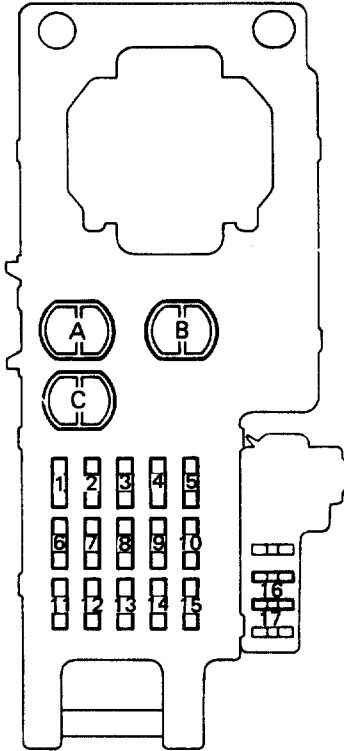
POWER SOURCE

Parts Location



Parts Location (Cont'd)

JUNCTION BLOCK NO. 1 (B)



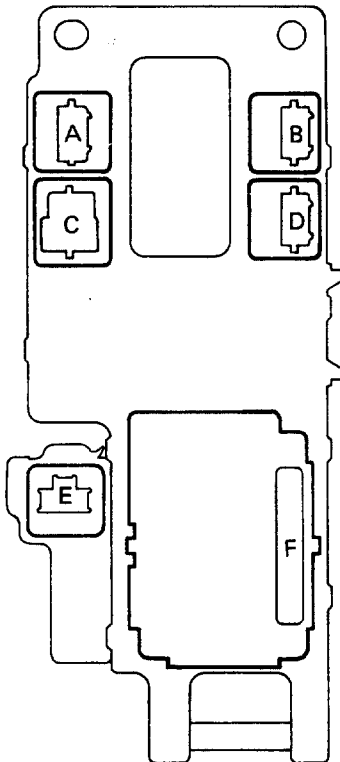
Fuses

- | | |
|----------------|------|
| 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)

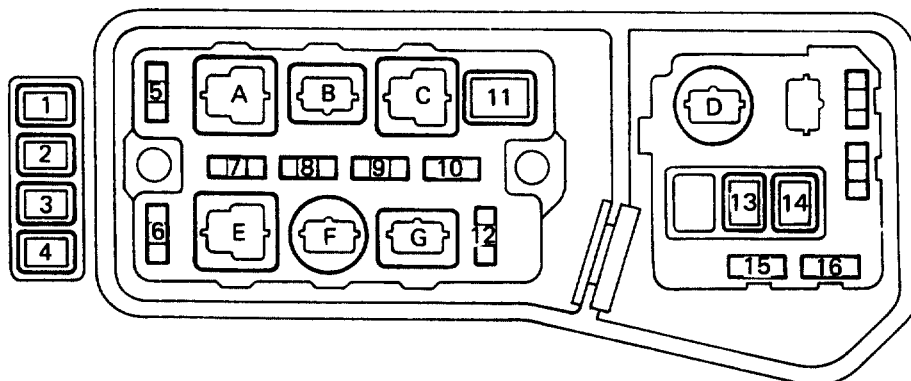


Relays

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

Parts Location (Cont'd)

JUNCTION BLOCK NO. 2



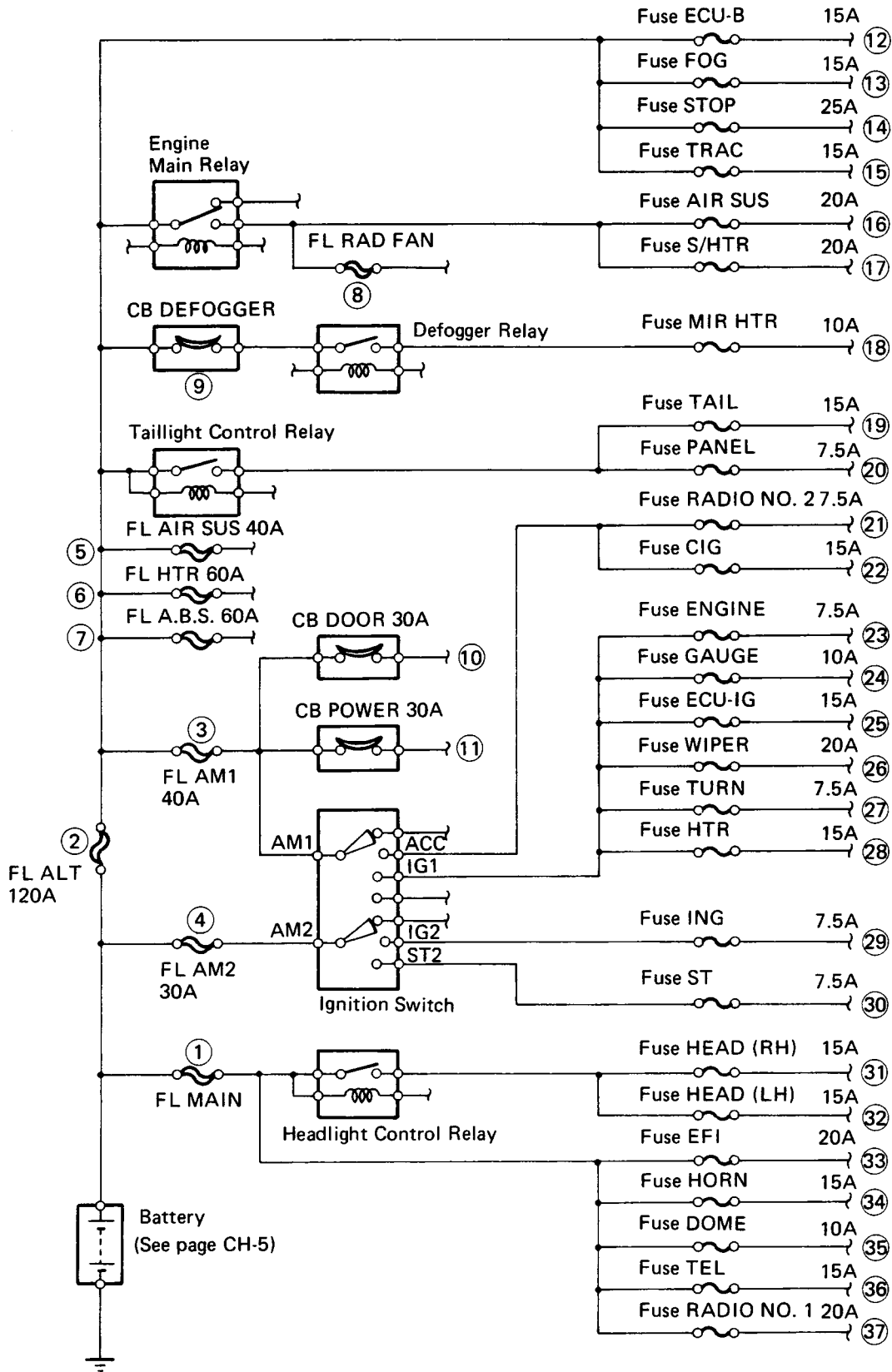
Fuses and Fusible Links

1. A.B.S. (FL)	60A
2. AM1 (FL)	40A
3. ALT (FL)	120A
4. AM2 (FL)	30A
5. RADIO NO. 1	20A
6. 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. AIR SUS (FL)	40A
14. HTR (FL)	60A
15. HEAD LH	15A
16. HEAD RH	15A

Relays

A. Headlight Control Relay
B. Starter Relay
C. Engine Main Relay
D. Magnetic Clutch Relay
E. Heater Main Relay
F. Horn Relay
G. EFI Main Relay

Wiring Diagram



* ① - ③⑦ See page BE-15

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	<ul style="list-style-type: none"> • InteriorLight System • Headlight System • Hazard Warning Light System • Horn • Telephone • Starter
2	FL ALT	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Discharge Warning Light • Radiator Fan • Starter • Engine • Seat Heater System • Air Suspension System
5	FL AIR SUS	<ul style="list-style-type: none"> • Air Suspension System
6	FL A.B.S.	<ul style="list-style-type: none"> • A.B.S. System
7	FL HTR	<ul style="list-style-type: none"> • A/C System • Heater System
8	FL RAD FAN	<ul style="list-style-type: none"> • Radiator Fan
9	CB DEFOGGER	<ul style="list-style-type: none"> • Defogger System
10	CB DOOR	<ul style="list-style-type: none"> • Door Lock Control System • Power Seat System • Fuel Lid Opener System
11	CB POWER	<ul style="list-style-type: none"> • Power Window System • Sliding Roof System • Power Shoulder Belt Anchorage System

No.	Parts Name	Related Systems or Parts
12	Fuse ECU-B	<ul style="list-style-type: none"> AIR-BAG Warning Light
13	Fuse FOG	<ul style="list-style-type: none"> Fog Light System
14	Fuse STOP	<ul style="list-style-type: none"> Stop Light System
15	Fuse TRAC	<ul style="list-style-type: none"> TRAC System
16	Fuse AIR SUS	<ul style="list-style-type: none"> Air Suspension System
17	Fuse S/HTR	<ul style="list-style-type: none"> Seat Heater System
18	Fuse MIR HTR	<ul style="list-style-type: none"> Mirror Heater (Defogger System)
19	Fuse TAIL	<ul style="list-style-type: none"> Taillight System
20	Fuse PANEL	<ul style="list-style-type: none"> Illumination Light System
21	Fuse RADIO No.2	<ul style="list-style-type: none"> Remote Control Mirror System Audio System A/C System
22	Fuse CIG	<ul style="list-style-type: none"> Cigarette Lighter
23	Fuse ENGINE	<ul style="list-style-type: none"> Engine Discharge Warning Light
24	Fuse GAUGE	<ul style="list-style-type: none"> Combination Meter
25	Fuse ECU-IG	<ul style="list-style-type: none"> Cruise Control System Power Tilt and Telescopic Steering A.B.S. System Air Suspension System
26	Fuse WIPER	<ul style="list-style-type: none"> Wiper and Washer System
27	Fuse TURN	<ul style="list-style-type: none"> Turn Signal Light System
28	Fuse HTR	<ul style="list-style-type: none"> Heater System
29	Fuse IGN	<ul style="list-style-type: none"> Engine Starter
30	Fuse ST	<ul style="list-style-type: none"> Starter
31	Fuse HEAD (RH)	<ul style="list-style-type: none"> Headlight (RH)
32	Fuse HEAD (LH)	<ul style="list-style-type: none"> Headlight (LH)
33	Fuse EFI	<ul style="list-style-type: none"> Engine
34	Fuse HORN	<ul style="list-style-type: none"> Horn Hazard Warning Light System
35	Fuse DOME	<ul style="list-style-type: none"> Interior Light System Liquid Crystal Inner Mirror System
36	Fuse TEL	<ul style="list-style-type: none"> Telephone
37	Fuse RADIO No.1	<ul style="list-style-type: none"> Audio System

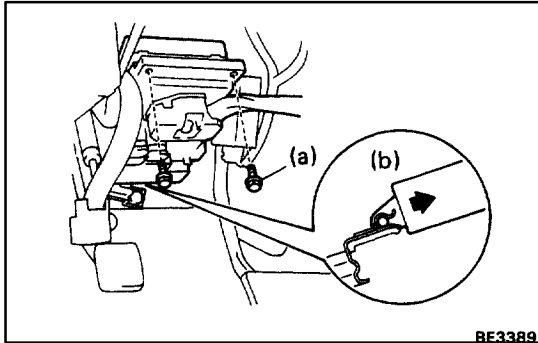
Replacement of Relays

REPLACEMENT OF RELAY IN JUNCTION BLOCK NO.1

1. REMOVE FOLLOWING PARTS:

(See page BO-158)

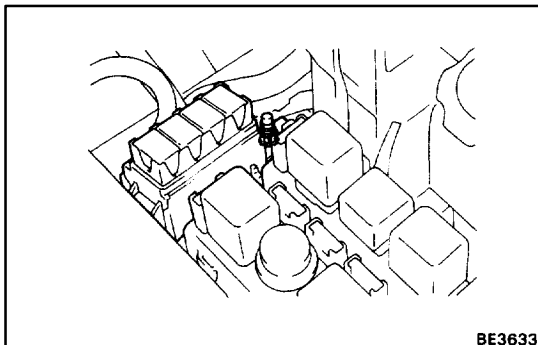
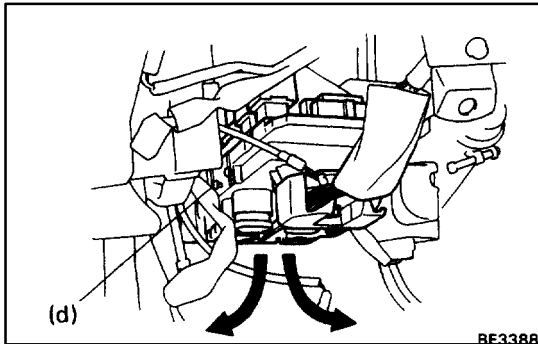
- (a) Cover sub assembly instrument panel under No.1
- (b) Pad sub assembly instrument panel lower LH
- (c) Pad sub assembly instrument panel key cylinder



- (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.



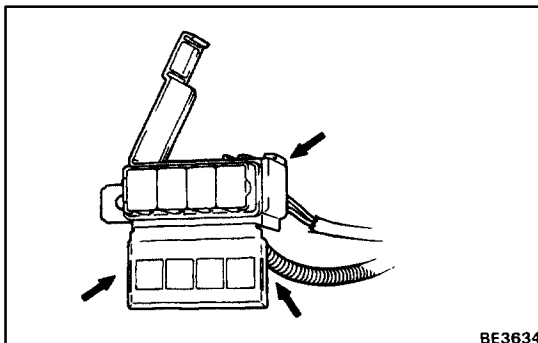
Replacement of Fusible Link

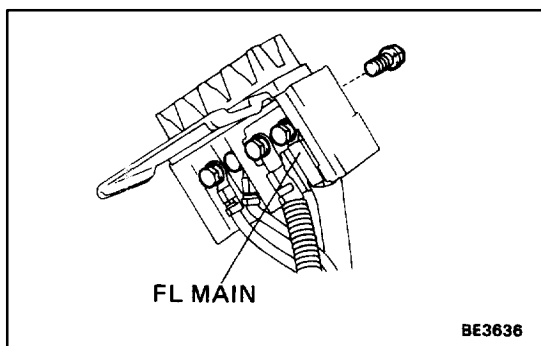
REPLACEMENT OF FUSIBLE LINK IN FUSIBLE LINK BLOCK

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.

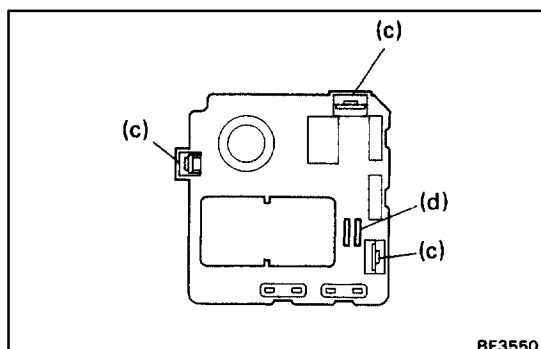
- (c) Spread the tabs on relay block No.2 and separate the relay block from junction block No.2.

- (d) Spread the tabs on relay block No.2 and pull the fusible link connector down and out.

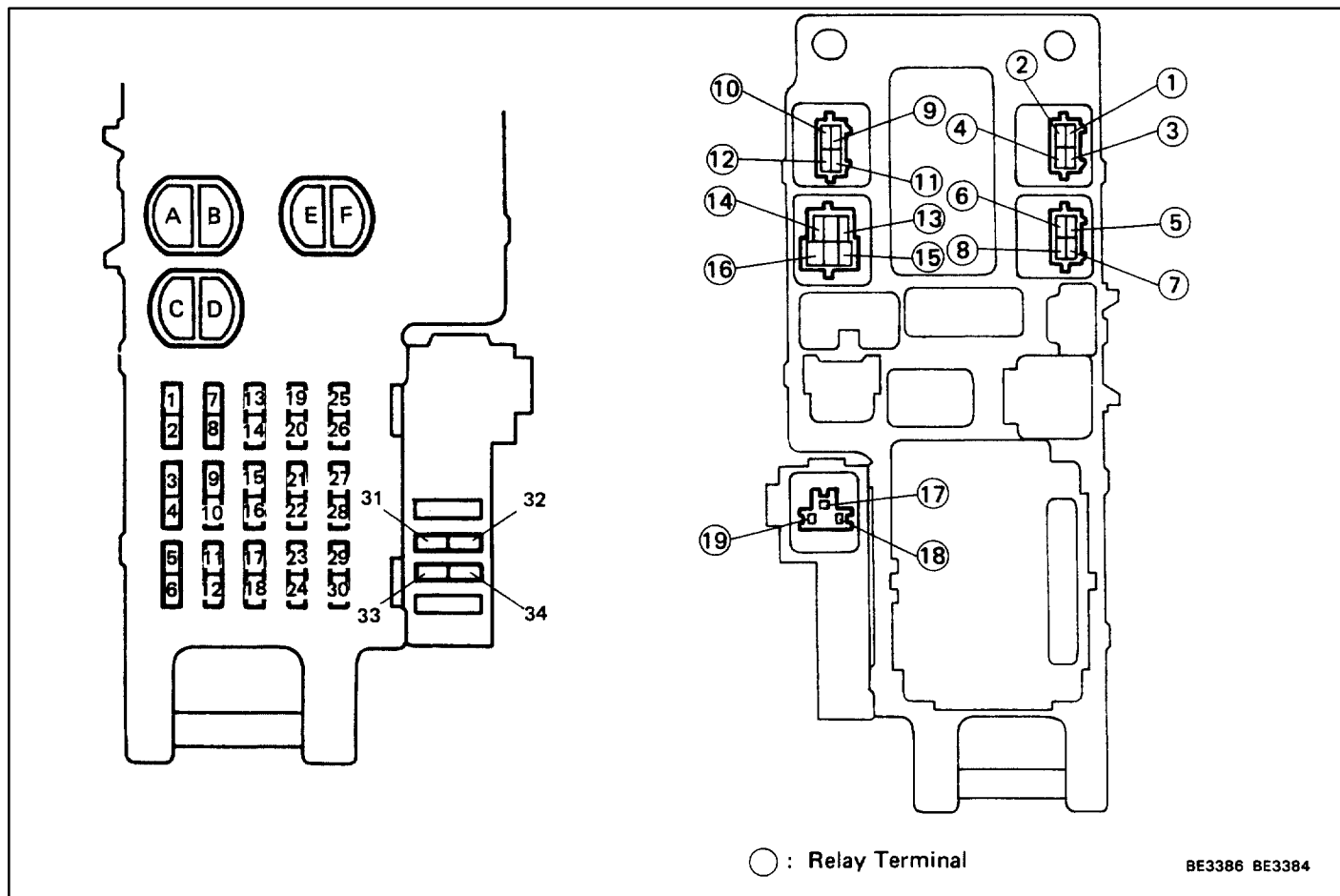
- (e) Remove the bolts and fusible link.

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.

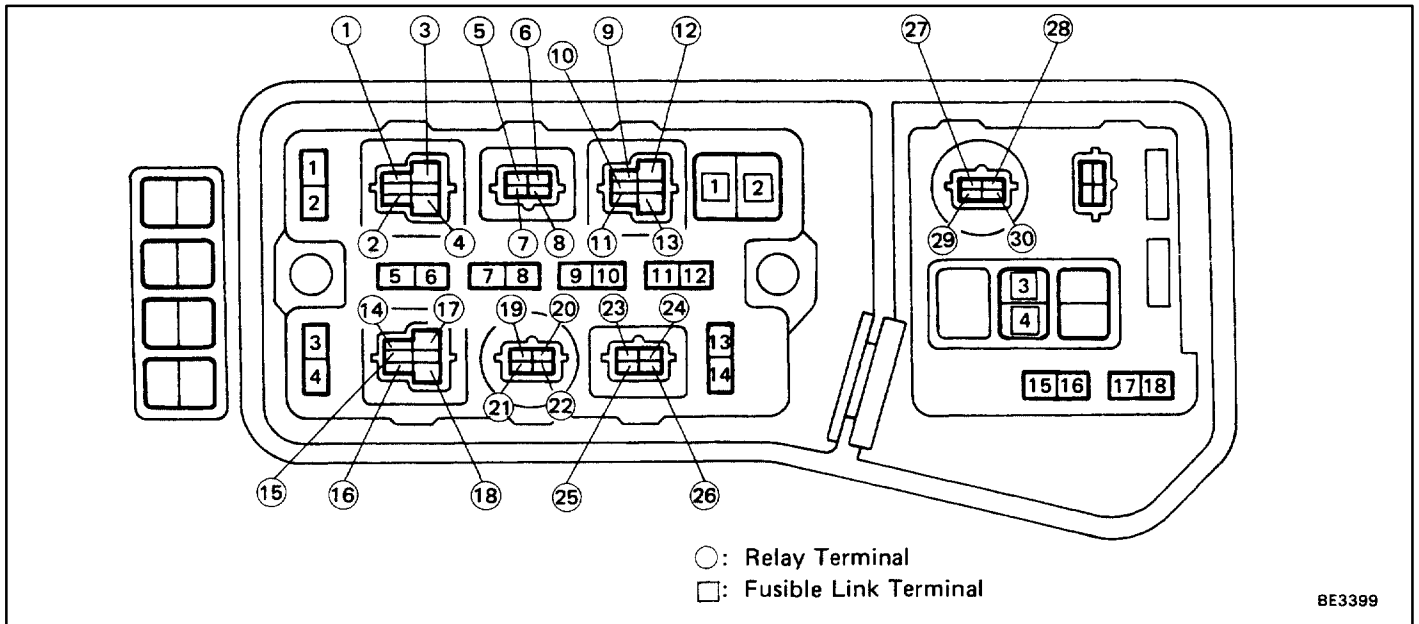
3. INSPECT RELAY CIRCUIT

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.

INSPECTION OF JUNCTION BLOCK NO.2 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
RADIO NO.1	Voltage	2-Ground	Constant	Battery voltage
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	
HEAD LH		15-Ground	Light control switch turned to HEAD	
HEAD RH		17-Ground	Light control switch turned to HEAD	

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	*Ignition 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		

* Shift lever position is P or N range.

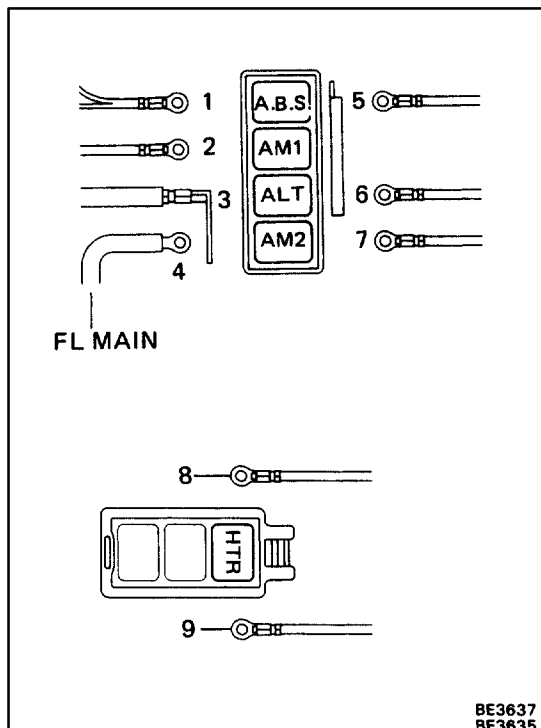
If circuit is not specified, refer to [BE-14](#) wiring diagram and inspect the circuits connected to other parts.

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	<ul style="list-style-type: none"> • A.B.S. Actuator • TRAC Main Relay 	5	<ul style="list-style-type: none"> • Alternator
2	<ul style="list-style-type: none"> • Ignition Switch • Alternator • CB DOOR • CB P/W 	6	<ul style="list-style-type: none"> • Fusible Link HTR • Fuseable Link AIR SUS
3	<ul style="list-style-type: none"> • Battery Positive Terminal 	7	<ul style="list-style-type: none"> • Ignition Switch • Ignition Main Relay
4	<ul style="list-style-type: none"> • Headlight Control Relay • Starter Relay • Fuse HORN • Fuse EFI • Fuse TEL • Fuse RADIO NO. 1 • Fuse DOME 	8	<ul style="list-style-type: none"> • Fusible Link ALT
		9	<ul style="list-style-type: none"> • 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.