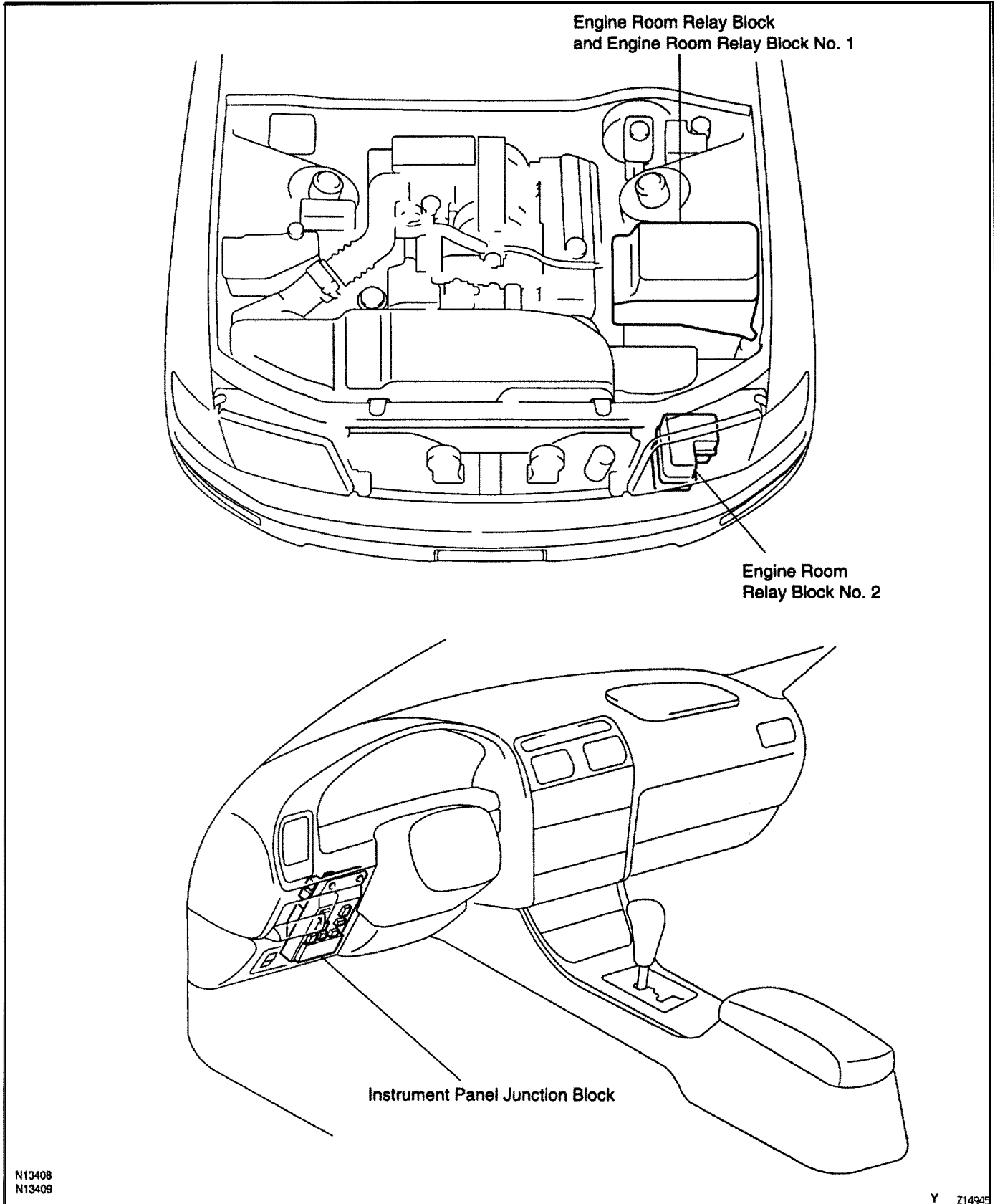


POWER SOURCE PARTS LOCATION

BE2H1-01

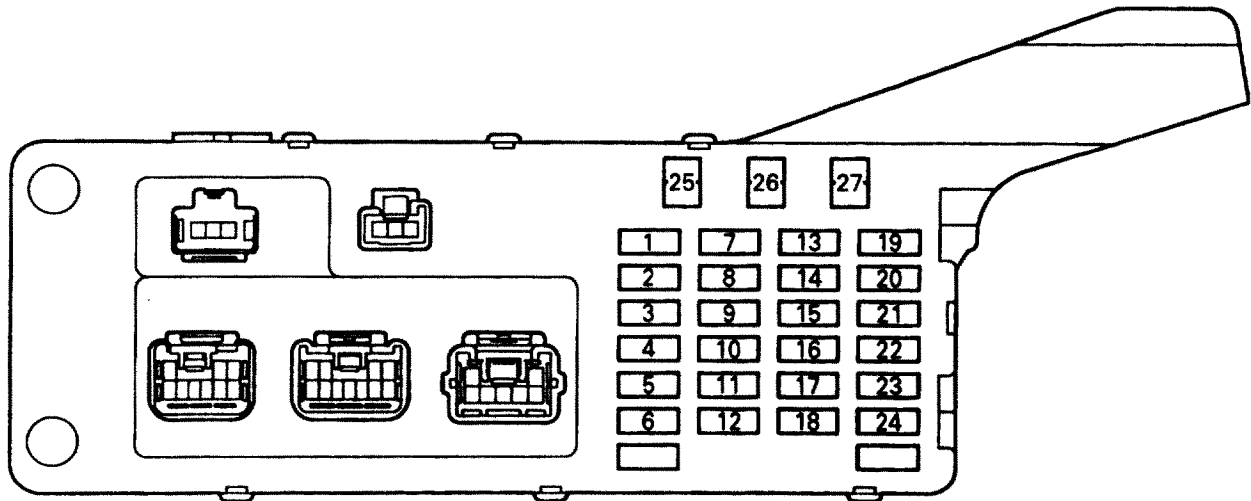


N13408
N13409

Y Z14945

● Instrument Panel Junction Block

Front Side

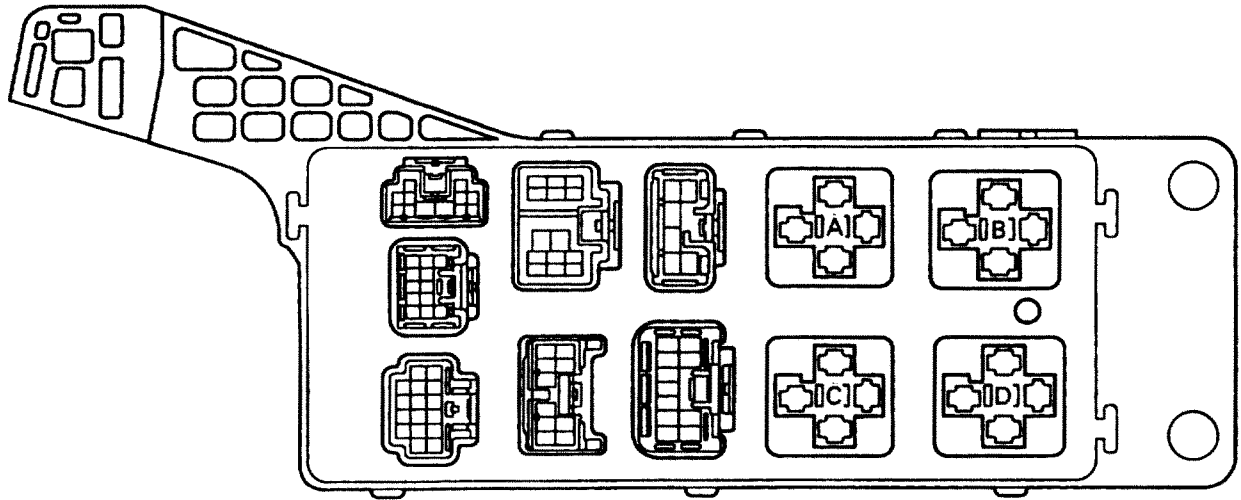


Fuses

1.	—	—	16.	RR CIG	15 A
2.	PANEL	10 A	17.	GAUGE	10 A
3.	OBD II	7.5 A	18.	ECU-IG	15 A
4.	—	—	19.	DOOR	20 A
5.	PWR-IG	10 A	20.	STOP-S	5 A
6.	TURN	10 A	21.	RADIO NO.2	7.5 A
7.	—	—	22.	FR CIG	15 A
8.	STARTER	7.5 A	23.	IGN	10 A
9.	TRC	15 A	24.	FR FOG	15 A
10.	FUEL OPN	15 A	25.	—	—
11.	HEATER	15 A	26.	SEAT FR M-Fuse	30 A
12.	WIPER	20 A	27.	PWR M-Fuse	30 A
13.	AIR SUS	20 A			
14.	TAIL	10 A			
15.	STOP LP	25 A			

● Instrument Panel Junction Block

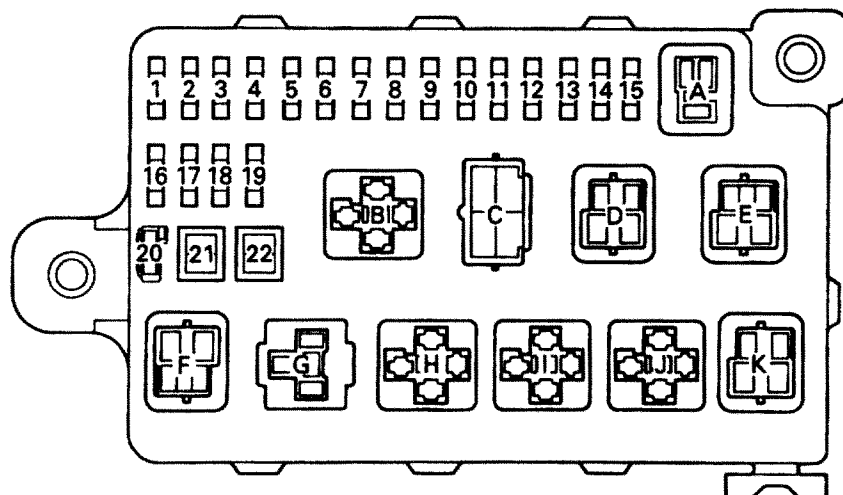
Back Side



Relays

- A. Taillight Control Relay
- B. Ignition Main Relay
- C. Power Main Relay
- D. Fog Light Relay

• Engine Room Junction Block



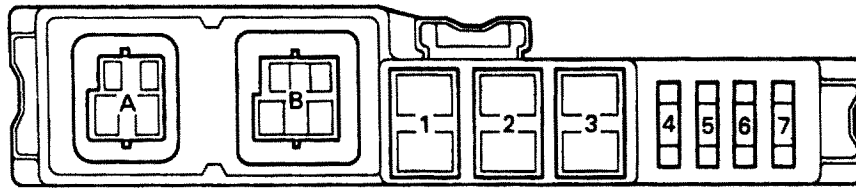
Fuses

1.	ECU-B	15 A
2.	SEC HORN	7.5 A
3.	ANTENA	10 A
4.	TEL	15 A
5.	SRS	7.5 A
6.	ALT-S	7.5 A
7.	FR S/HTR	20 A
8.	MIR HTR	10 A
9.	EFI NO.2	10 A
10.	H-LP R UPR	20 A
11.	H-LP L UPR	20 A
12.	H-LP L LWR (USA)	10 A
13.	H-LP R LWR (USA)	10 A
14.	RADIO NO.1	20 A
15.	HORN	10 A
16.	DOOM RR	7.5 A
17.	DOOM FR	7.5 A
18.	EFI NO.1	20 A
19.	HAZ	15 A
20.	Short Pin	—
21.	ST M-Fuse	40 A
22.	RAD FAN M-Fuse	30 A

Relays

A.	Horn Relay
B.	STARTER Relay
C.	Headlight Dimmer Relay
D.	Headlight Control Relay
E.	Engine Main Relay
F.	Heater Main Relay
G.	Fuel Pump Relay
H.	Circuit Opening Relay
I.	EFI Main Relay
J.	Magnetic Clutch Relay
K.	Defogger Relay

● Engine Room Relay Block No.1



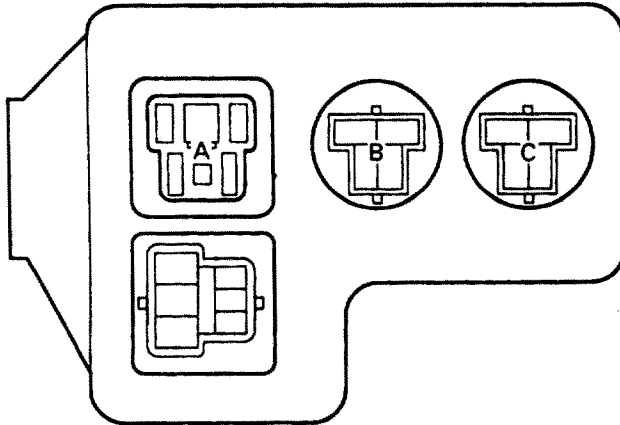
Fuses

1.	AIR SUS	40 A (USA)
2.	ABS No.2	30 A
3.	—	—
4.	DRL	10 A (CANADA)
5.	H-LP RH	10 A (CANADA)
6.	H-LP LH	10 A (CANADA)
7.	—	—

Relays

- A. ABS MTR Relay
- B. ABS SOL Relay

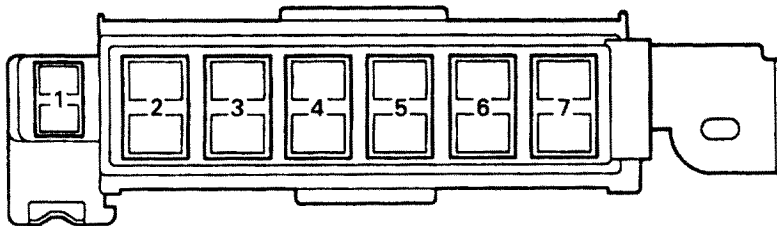
● Engine Room Relay Block No.2



Relays

- A. Height Control Relay
- B. Cooling Fan Relay No.1
- C. Cooling Fan Relay No.2

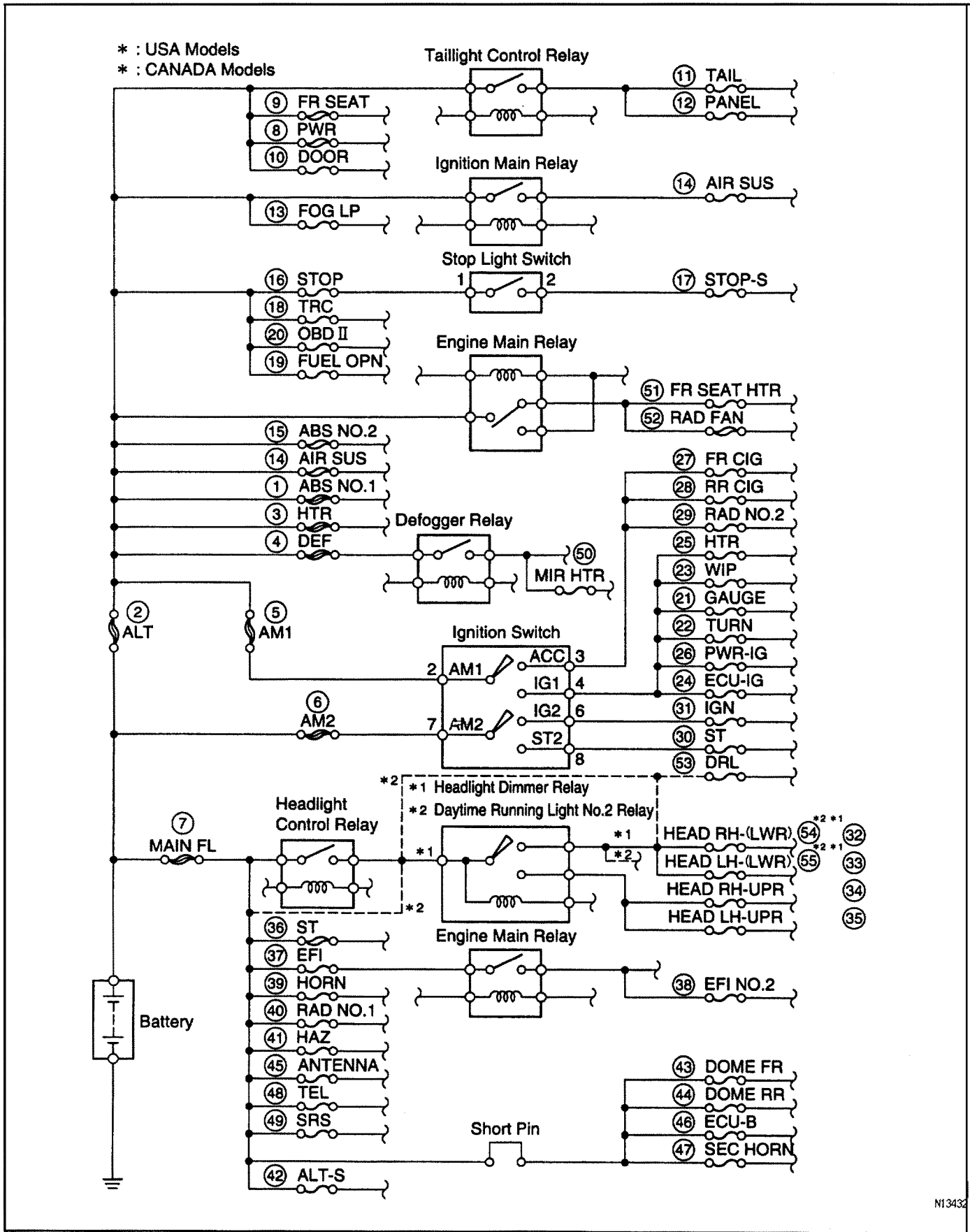
● Fusible Link Block



Fuses

1.	AM2 M-Fuse	30 A
2.	FL MAIN	80 A
3.	FL ALT	120 A
4.	FL ABS	60 A
5.	FL HEATER	50 A
6.	FL DEFOG	50 A
7.	FL AM1	40 A

WIRING DIAGRAM



DESCRIPTION

BE0MR-03

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

RELATED SYSTEMS FOR EACH FUSIBLE LINK, MEDIUM CURRENT FUSE AND FUSE

Parts Name	Related Systems or Parts	Related Systems or Parts
1. FL ABS No.2	<ul style="list-style-type: none"> • ABS System 	<ul style="list-style-type: none"> • TRAC System
2. FL ALT	<ul style="list-style-type: none"> • Generator • Seat Heater System • Air Suspension System • Power Door Lock Control System • Combination Meter • Illumination Light System • Cigarette Lighter • Remote Control Mirror System • Fog Light System • Fuel Lid Opener System 	<ul style="list-style-type: none"> • ABS System • A/C System • Defogger System • Taillight System • Shift Lock System • Clock • Audio System • Headlight Cleaner System • Stop Light System • OBD II
3. FL HTR	<ul style="list-style-type: none"> • Heater System 	
4. FL DEF	<ul style="list-style-type: none"> • Defogger System 	<ul style="list-style-type: none"> • Mirror Defogger System
5. FL AM1	<ul style="list-style-type: none"> • Headlight Cleaner System • Audio System • Wiper System • Power Window Control System • Remote Control Mirror System • Tilt & Telescopic Steering • Light Auto Turn-Off System • Rheostat Light Control 	<ul style="list-style-type: none"> • Light Failure Sensor • Daytime Running Light Relay • Cigarette Lighter System • Heater System • Shift Lock System • Illuminated Entry System • Combination Meter • Wireless Door Lock Control System
6. FL AM2	<ul style="list-style-type: none"> • Engine 	
7. FL MAIN	<ul style="list-style-type: none"> • Headlight System • Starter • Horn • Audio System • Telephone • Interior Light System • A/C System 	<ul style="list-style-type: none"> • Engine • Hazard Warning System • SRS • Cruise Control System • ABS & TRAC System • Heater System
8. PWR M-Fuse	<ul style="list-style-type: none"> • Power Window Control System • Tilt & Telescopic System 	<ul style="list-style-type: none"> • Sliding Roof System
9. FR SEAT M-Fuse	<ul style="list-style-type: none"> • Power Seat System 	
10. DOOR Fuse	<ul style="list-style-type: none"> • Power Door Lock Control System 	<ul style="list-style-type: none"> • Luggage Compartment Door Opener System
11. TALL Fuse	<ul style="list-style-type: none"> • Clearance Light • Tail Light • Side Marker Light 	<ul style="list-style-type: none"> • Registration Light • Engine • Combination Meter
12. PANEL Fuse	<ul style="list-style-type: none"> • Illumination Light System 	

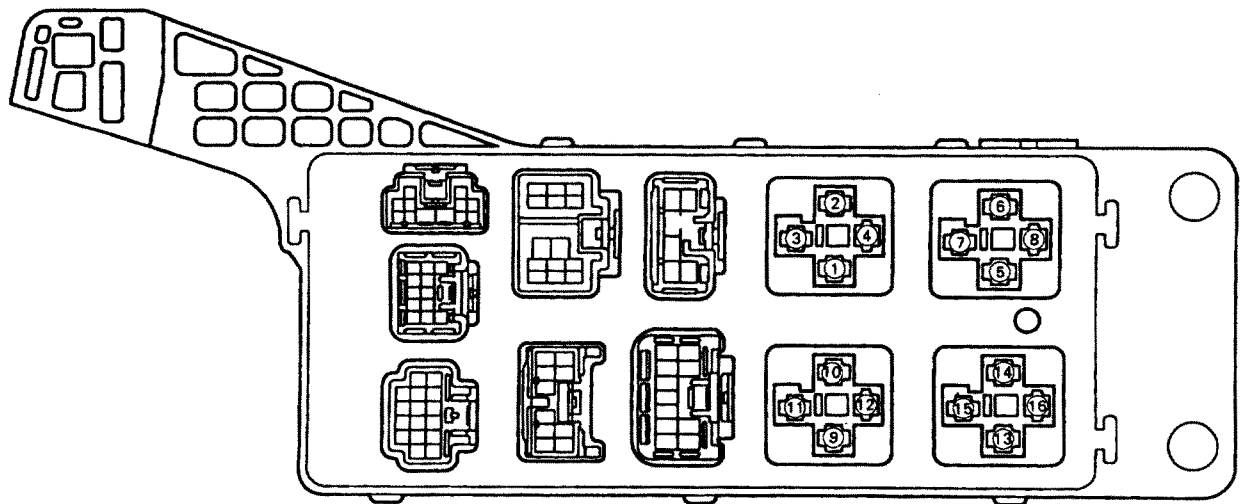
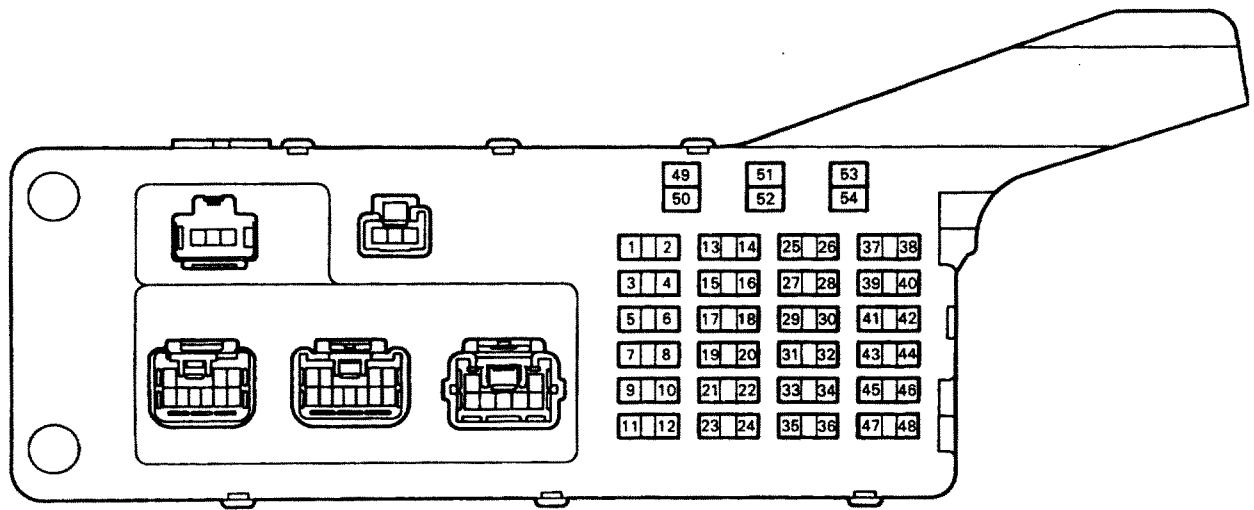
13. FOG LP Fuse	• Fog Light System	
14. AIR SUS Fuse	• Air Suspension System	
15. ABS No.2 M-Fuse	• TRAC System	
16. STOP Fuse	• Cruise Control System	• Stop Light System
17. STOP-S Fuse	• Shift Lock System • ABS & TRAC System	• Air Suspension System • Engine
18. TRAC Fuse	• TRAC System	
19. FUEL OPN Fuse	• Power Shoulder Belt Anchorage System	• Fuel Lid Opener System
20. OBD II Fuse	• OBD II	
21. GAUGE Fuse	• ECT System • Tilt & Telescopic System • Light Auto Turn Off System • Rheostat Light Control • Light Failure Sensor • Daytime Running Light System	• Power Window Control System • Remote Control Mirror System • Clock • Illuminated Entry System • Combination Meter • Wireless Door Lock Control System
22. TURN Fuse	• Turn Signal Light System	
23. WIP Fuse	• Wiper and Washer System	
24. ECU-IG Fuse	• Progressive Power Steering • Generator • Electro Chromic Inner Mirror System • TRAC System • Cruise Control System	• Power Seat System • Shift Lock System • ABS System • Telephone • Automatic Light Control System
25. HTR Fuse	• Cooling Fan System • Defogger System	• A/C System • Heater System
26. PWR-IG Fuse	• Combination Meter • Electric Tension Reducer System	• Audio System
27. FR CIG Fuse	• SRS • Front Cigarette Lighter	• A/C System • Clock
28. RR CIG Fuse	• Shift Lock System	• Rear Cigarette Lighter
29. RAD No.2 Fuse	• Audio System • Illuminated Entry System	• Remote Control Mirror System
30. ST Fuse	• Starter • Engine	• Combination Meter
31. IGN Fuse	• Engine • Discharge Warning Light	• SRS
32. H/LP LWR RH Fuse (USA)	• Headlight LO-Beam (RH)	
33. H/LP LWR LH Fuse (USA)	• Headlight LO-Beam (LH)	• Headlight Indicator Light
34. H/LP UPR RH Fuse	• Headlight HI-Beam (RH) • High Beam Indicator Light	• Headlight Sub

BODY ELECTRICAL SYSTEM - POWER SOURCE

35. H/LP UPR LH Fuse	• Headlight HI-Beam (LH)	• Headlight Sub
36. ST M-Fuse	• Starter	
37. EFI No.1 Fuse	• Engine	• Check Connector
38. EFI No.2 Fuse	• Engine	
39. HORN Fuse	• Horn	
40. RADIO No.1 Fuse	• Audio System	
41. HAZ Fuse	• Hazard Warning System	
42. ALT-S Fuse	• Generator • Interior Light System	• Illuminated Entry System
43. DOME FR Fuse	• Illumination Light System • Combination Meter • Automatic Light Control System	• Wireless Door Lock Control System • Clock
44. DOME RR Fuse	• Audio System	• Interior Light System
45. ANTENNA Fuse	• Audio System	
46. ECU-B Fuse	• Cruise Control System • ABS & TRAC System • Daytime Running Light System	• Air Suspension System • A/C System
47. SEC- HORN Fuse	• Theft Deterrent System	
48. TEL Fuse	• Telephone	
49. SRS Fuse	• SRS Warning	
50. MIR HTR Fuse	• Mirror Defogger System	
51. FR SEAT HTR Fuse	• Seat Heater System	
52. RAD FAN M-Fuse	• Radiator Fan	
53. DRL Fuse	• Daytime Running Light System	
54. HEAD RH Fuse (CANADA)	• Headlight (RH)	
55. HEAD LH Fuse (CANADA)	• Headlight (LH)	

INSTRUMENT PANEL JUNCTION BLOCK INSPECTION

BE2GX-01



N13426
N13427

1. INSPECT FUSE CIRCUIT

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

Connect numbers are shown in the illustration.

PANEL Fuse

Tester connection to terminal number	Condition	Specified condition
3-Ground	Light control switch TAIL or HEAD	Battery positive voltage

OBD II Fuse

Tester connection to terminal number	Condition	Specified condition
5-Ground	Constant	Battery positive voltage

PWR-IG Fuse

Tester connection to terminal number	Condition	Specified condition
10-Ground	Ignition switch ON	Battery positive voltage

TURN Fuse

Tester connection to terminal number	Condition	Specified condition
12-Ground	Ignition switch ON	Battery positive voltage

ST Fuse

Tester connection to terminal number	Condition	Specified condition
15-Ground	Ignition switch START	Battery positive voltage

TRC Fuse

Tester connection to terminal number	Condition	Specified condition
18-Ground	Constant	Battery positive voltage

FUEL OPEN Fuse

Tester connection to terminal number	Condition	Specified condition
20-Ground	Constant	Battery positive voltage

HTR Fuse

Tester connection to terminal number	Condition	Specified condition
22-Ground	Ignition switch ON	Battery positive voltage

WIP Fuse

Tester connection to terminal number	Condition	Specified condition
24-Ground	Ignition switch ON	Battery positive voltage

AIR SUS Fuse

Tester connection to terminal number	Condition	Specified condition
25-Ground	Ignition switch ON	Battery positive voltage

TAIL Fuse

Tester connection to terminal number	Condition	Specified condition
27-Ground	Light control switch TAIL or HEAD	Battery positive voltage

STOP Fuse

Tester connection to terminal number	Condition	Specified condition
29-Ground	Constant	Battery positive voltage

RR CIG Fuse

Tester connection to terminal number	Condition	Specified condition
32-Ground	Ignition switch ACC or ON	Battery positive voltage

GAUGE Fuse

Tester connection to terminal number	Condition	Specified condition
33-Ground	Ignition switch ON	Battery positive voltage

ECU-IG Fuse

Tester connection to terminal number	Condition	Specified condition
35-Ground	Ignition switch ON	Battery positive voltage

DOOR Fuse

Tester connection to terminal number	Condition	Specified condition
38-Ground	Constant	Battery positive voltage

STOP-S Fuse

Tester connection to terminal number	Condition	Specified condition
39-Ground	Stop light switch ON	Battery positive voltage

RAD NO.2 Fuse

Tester connection to terminal number	Condition	Specified condition
42-Ground	Ignition switch ACC or ON	Battery positive voltage

CIG Fuse

Tester connection to terminal number	Condition	Specified condition
44-Ground	Ignition switch ACC or ON	Battery positive voltage

IGN Fuse

Tester connection to terminal number	Condition	Specified condition
46-Ground	Ignition switch ON	Battery positive voltage

FOG Fuse

Tester connection to terminal number	Condition	Specified condition
47-Ground	Constant	Battery positive voltage

FR SEAT M-Fuse

Tester connection to terminal number	Condition	Specified condition
51-Ground	Constant	Battery positive voltage

PWR M-Fuse

Tester connection to terminal number	Condition	Specified condition
53-Ground	Constant	Battery positive voltage

If the circuit is not as specified, inspect the circuit connected to other parts.

2. INSPECT RELAY CIRCUIT

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

Connect numbers are shown in the illustration.

Taillight Control Relay

Tester connection to terminal number	Condition	Specified condition
②-Ground	Light control switch TAIL or HEAD	Continuity
③-Ground	Constant	Continuity
①-Ground	Constant	Battery positive voltage
④-Ground	Constant	Battery positive voltage

Ignition Main Relay

Tester connection to Terminal number	Condition	Specified condition
⑥-Ground	Constant	Continuity
⑦-Ground	Constant	Continuity
⑧-Ground	Ignition switch ON	Battery positive voltage

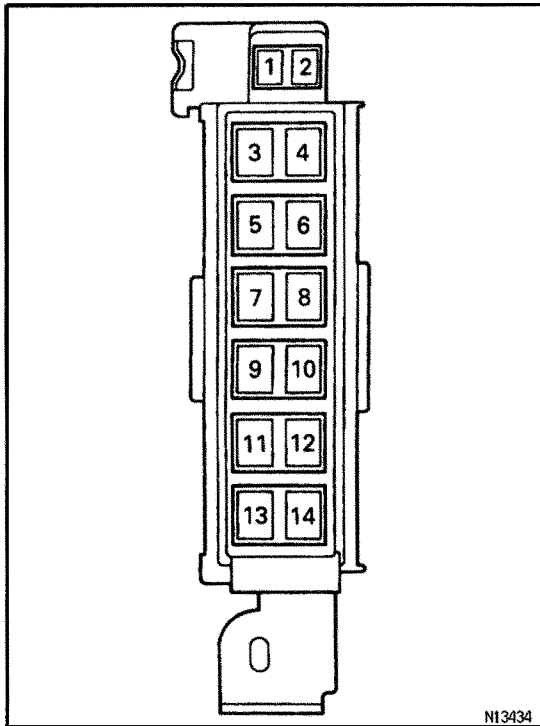
Power Main Relay

Tester connection to terminal number	Condition	Specified condition
12-Ground	Constant	Battery positive voltage

Fog Light Control Relay

Tester connection to Terminal number	Condition	Specified condition
13-Ground	Light control switch HEAD	Battery positive voltage
16-Ground	Constant	Battery positive voltage

If the circuit is not as specified, inspect the circuits connected to other parts.



3. INSPECT FUSIBLE LINK CIRCUIT

Bolted type

- (a) Remove the battery.
- (b) Remove the fusible link set bolts.
- (c) Inspect the continuity between terminals and connected parts.

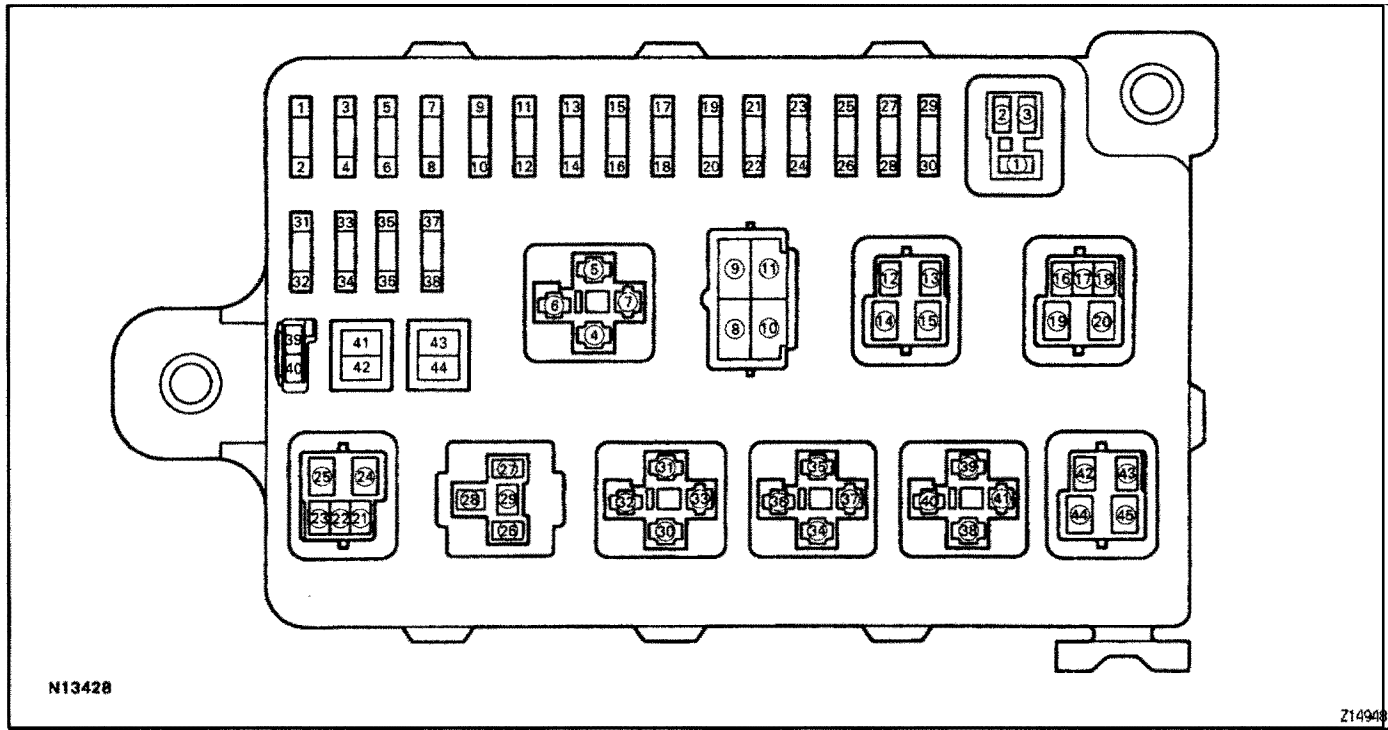
Connect numbers are shown in the illustration.

Terminal	Connected parts
1	Ignition switch
2	Battery positive voltage
3	ALT-S Fuse
3	ST Fuse
3	HORN Fuse
3	HAZ Fuse
3	EFI Fuse
3	ANTENA Fuse
3	RADIO Fuse
3	TEL Fuse
3	SRS Fuse
4	Battery positive voltage
6	Battery positive voltage
6	Fusible Link HTR
6	Fusible Link AM1
6	Fusible Link ABS NO.1
6	Fusible Link DEF
6	ABS NO.2 M-Fuse
6	AIR SUS M-Fuse
6	FOG Fuse
6	STOP Fuse
6	TRAC Fuse
6	OBD II Fuse
6	FUEL OPN Fuse
6	IG1 Main Relay
7	Fusible Link ABS NO.1
8	ABS Motor Relay
8	ABS SOL Relay
9	Fusible Link HTR
10	Heater Main Relay
11	Fusible Link DEF
12	Defogger Relay
13	Fusible Link AM1
14	Ignition switch

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

ENGINE ROOM JUNCTION BLOCK INSPECTION

BE2GY-01



1. INSPECT FUSE CIRCUIT

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

Connect numbers are shown in the illustration.

ECU – B Fuse

Tester connection to terminal number	Condition	Specified condition
2–Ground	Light control switch TAIL or HEAD	Battery positive voltage

SEC HORN Fuse

Tester connection to terminal number	Condition	Specified condition
4–Ground	Constant	Battery positive voltage

ANTENA Fuse

Tester connection to terminal number	Condition	Specified condition
5–Ground	Constant	Battery positive voltage

TEL Fuse

Tester connection to terminal number	Condition	Specified condition
8-Ground	Engine Running	Battery positive voltage

SRS Fuse

Tester connection to terminal number	Condition	Specified condition
9-Ground	Constant	Battery positive voltage

ALT-S Fuse

Tester connection to terminal number	Condition	Specified condition
11-Ground	Constant	Battery positive voltage

SEAT-HTR Fuse

Tester connection to terminal number	Condition	Specified condition
14-Ground	Engine Running	Battery positive voltage

MIR-HTR Fuse

Tester connection to terminal number	Condition	Specified condition
16-Ground	Ignition switch ON and Defogger switch ON	Battery positive voltage

EFI NO.2 Fuse

Tester connection to terminal number	Condition	Specified condition
18-Ground	Engine Running	Battery positive voltage

H - LP R-UPR Fuse

Tester connection to terminal number	Condition	Specified condition
19-Ground	* Engine running or Light control switch HEAD and Dimmer switch HI	Battery positive voltage

H-LP L-UPR Fuse

Tester connection to terminal number	Condition	Specified condition
21-Ground	* Engine running or Light control switch HEAD and Dimmer switch HI	Battery positive voltage

H – LP L – LWR Fuse

Tester connection to terminal number	Condition	Specified condition
24–Ground	Light control switch HEAD and Dimmer Switch LO	Battery positive voltage

H – LP R – LWR Fuse

Tester connection to terminal number	Condition	Specified condition
26–Ground	Light control switch HEAD and Dimmer Switch LO	Battery positive voltage

RADIO NO.1 Fuse

Tester connection to terminal number	Condition	Specified condition
27–Ground	Constant	Battery positive voltage

HORN Fuse

Tester connection to terminal number	Condition	Specified condition
29–Ground	Constant	Battery positive voltage

DOME FR Fuse

Tester connection to terminal number	Condition	Specified condition
32–Ground	Constant	Battery positive voltage

DOME RR Fuse

Tester connection to terminal number	Condition	Specified condition
33–Ground	Constant	Battery positive voltage

EFI Fuse

Tester connection to terminal number	Condition	Specified condition
35–Ground	Constant	Battery positive voltage

HAZ Fuse

Tester connection to terminal number	Condition	Specified condition
38–Ground	Constant	Battery positive voltage

Short Pin

Tester connection to terminal number	Condition	Specified condition
40–Ground	Ignition switch ACC or ON	Battery positive voltage

ST M–Fuse

Tester connection to terminal number	Condition	Specified condition
41–Ground	Constant	Battery positive voltage

RAD FAN M–Fuse

Tester connection to terminal number	Condition	Specified condition
43–Ground	Engine Running	Battery positive voltage

*: CANADA models

If the circuit is not as specified, inspect the circuits connected to other parts.

2. INSPECT RELAY CIRCUIT

Remove the relay from the relay block and inspect the connector on relay block side.

Connect numbers are shown in the illustration.

Horn Relay

Tester connection to terminal number	Condition	Specified condition
①–Ground	Horn switch ON	Continuity
②–Ground	Constant	Continuity
③–Ground	Constant	Battery positive voltage

Starter Relay

Tester connection to terminal number	Condition	Specified condition
④–Ground	Ignition switch START	Battery positive voltage
⑦–Ground	Constant	Battery positive voltage

***1 Headlight Dimmer Relay**

Tester connection to terminal number	Condition	Specified condition
8–Ground	Constant	Continuity
9–Ground	Headlight dimmer switch HI	Continuity
10–Ground	Constant	Continuity
11–Ground	Light control switch HEAD	Battery positive voltage

***2 Headlight Dimmer Relay**

Tester connection to terminal number	Condition	Specified condition
8–Ground	Constant	No continuity
9–Ground	Light control switch HEAD and Headlight dimmer switch HI	Continuity
10–Ground	Constant	Continuity
11–Ground	Constant	Battery positive voltage

Headlight Control Relay

Tester connection to terminal number	Condition	Specified condition
13–Ground	Light control switch HEAD	Continuity
12–Ground	Constant	Battery positive voltage
14–Ground	Light control switch HEAD	Battery positive voltage
15–Ground	Constant	Battery positive voltage

Engine Main Relay

Tester connection to terminal number	Condition	Specified condition
11–Ground	Constant	Continuity
18–Ground	Constant	Continuity
20–Ground	Constant	Battery positive voltage
16–Ground	Ignition switch ON	Battery positive voltage

Heater Main Relay

Tester connection to terminal number	Condition	Specified condition
22–Ground	Constant	Continuity
25–Ground	Constant	Battery positive voltage
21–Ground	Ignition switch ON	Battery positive voltage

Fuel Pump Relay

Tester connection to terminal number	Condition	Specified condition
26-Ground	Engine running	Battery positive voltage
29-Ground	Engine running	Battery positive voltage
27-Ground	Engine running	Continuity

Circuit Opening Relay

Tester connection to terminal number	Condition	Specified condition
31-Ground	Engine running	Continuity
30-Ground	Engine running	Battery positive voltage

EFI Main Relay

Tester connection to terminal number	Condition	Specified condition
35-Ground	Constant	Continuity
36-Ground	Ignition switch ON	Battery positive voltage

Magnet Clutch Relay

Tester connection to terminal number	Condition	Specified condition
39-Ground	A/C switch ON	Continuity
41-Ground	Ignition switch ON	Battery positive voltage
38-Ground	Ignition switch ON	Battery positive voltage

Defogger Relay

Tester connection to terminal number	Condition	Specified condition
42-Ground	Defogger switch ON	Continuity
44-Ground	Defogger switch ON	Continuity
43-Ground	Ignition switch ON	Battery positive voltage
45-Ground	Constant	Battery positive voltage

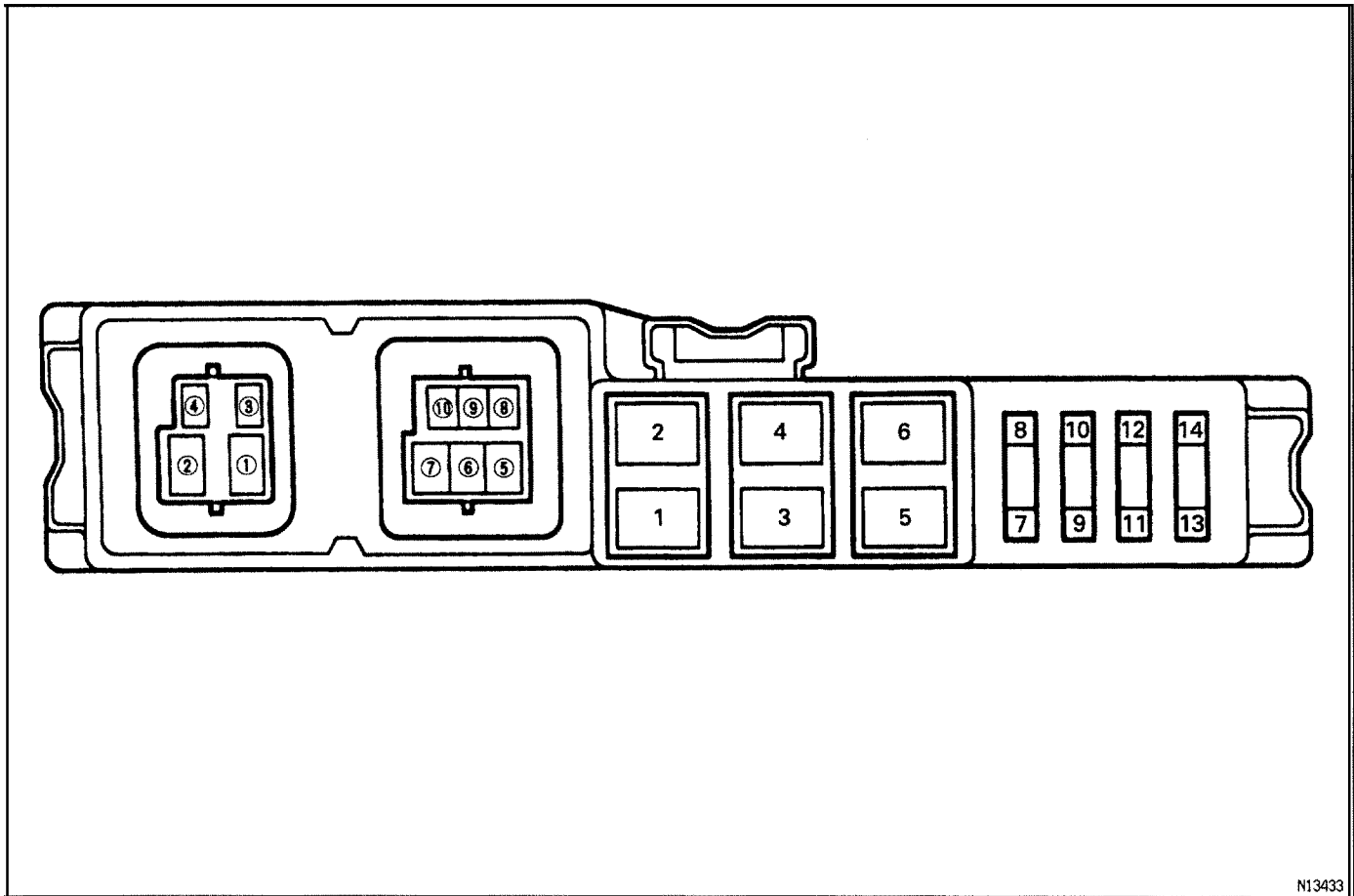
*1: USA Models

*2: CANADA Models

If the circuit is not as specified, inspect the circuits connected to other parts.

ENGINE ROOM NO.1 RELAY BLOCK INSPECTION

BE2GZ-01



1. INSPECT FUSE CIRCUIT

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

Connect numbers are shown in the illustration.

*1 AIR SUS M-Fuse

Tester connection to terminal number	Condition	Specified condition
1 - Ground	Constant	Battery positive voltage

ABS NO.2 M-Fuse

Tester connection to terminal number	Condition	Specified condition
3 - Ground	Constant	Battery positive voltage

***2 DRL Fuse**

Tester connection to terminal number	Condition	Specified condition
7–Ground	Engine running, Light control switch HEAD or Dimmer switch FLASH	Battery positive voltage

***2 HEAD RH Fuse**

Tester connection to terminal number	Condition	Specified condition
9 – Ground	Light control switch HEAD or Dimmer switch FLASH	Battery positive voltage

***2 HEAD LH Fuse**

Tester connection to terminal number	Condition	Specified condition
11 – Ground	Light control switch HEAD or Dimmer switch FLASH	Battery positive voltage

*1 USA models

*2 CANADA models

If the circuit is not as specified, inspect the circuits connected to other parts.

2. INSPECT RELAY CIRCUIT

Remove the relay from the relay block and inspect the connector on relay block side.

Connect numbers are shown in the illustration.

ABS MTR Relay

Tester connection to terminal number	Condition	Specified condition
① –Ground	Constant	Battery positive voltage

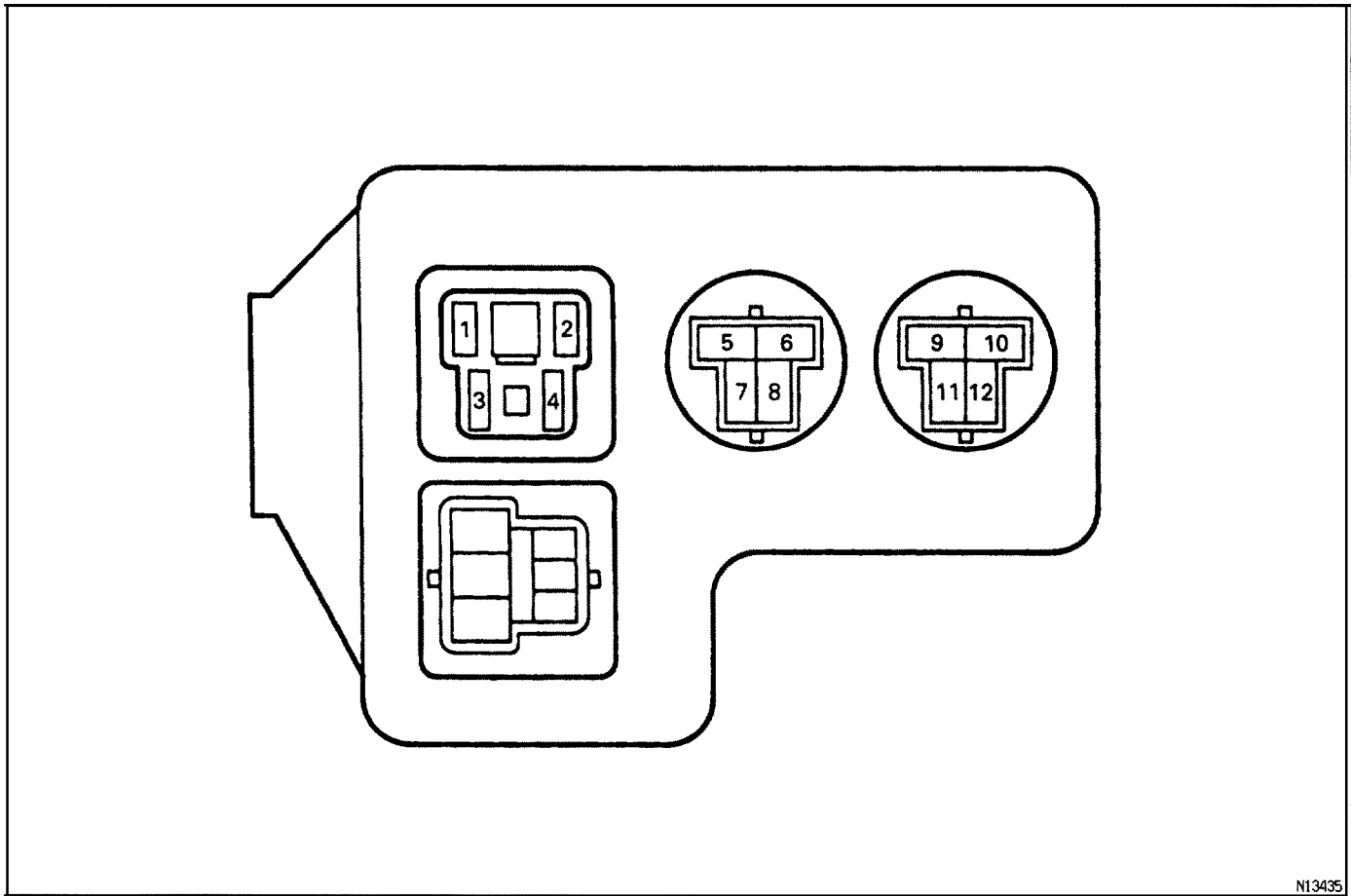
ABS SOL Relay

Tester connection to Terminal number	Condition	Specified condition
⑥ – Ground	Constant	Continuity
⑤ – Ground	Constant	Battery positive voltage

If the circuit is not as specified, inspect the circuits connected to other parts.

ENGINE ROOM NO.2 RELAY BLOCK INSPECTION

BE2H0-01



N13435

INSPECT RELAY CIRCUIT

Remove the relay from the relay block and inspect the connector on relay block side.

Connect numbers are shown in the illustration.

Height Control Relay

Tester connection to terminal number	Condition	Specified condition
① - Ground	Constant	Battery positive voltage

Condenser Fan No.1 Relay

Tester connection to terminal number	Condition	Specified condition
⑤ - Ground	Ignition switch ON	Battery positive voltage
⑧ - Ground	Ignition switch ON	Battery positive voltage

Condenser Fan No.2 Relay

Tester connection to terminal number	Condition	Specified condition
9 - Ground	Ignition switch ON	Battery positive voltage
12-Ground	Ignition switch ON	Battery positive voltage

If the circuit is not as specified, inspect the circuits connected to other parts.