

HEADLIGHT AND TAILLIGHT SYSTEM PARTS LOCATION

- J/B No. 1
- GAUGE Fuse
 - TAIL Fuse
 - Taillight Control Relay
 - DRL Relay No. 4 (CANADA)

- Combination Meter
- High Beam Indicator Light

Light Reminder Relay

Integration Relay

Ignition Switch

DRL (MAIN) (CANADA)

- Combination Switch
- Light Control Switch
 - Dimmer Switch

R/B No. 2

- Headlight Control Relay
- HEAD Fuse (RH) (USA)
- HEAD Fuse (LH) (USA)

- HEAD Fuse (LH-LO) (CANADA)
- HEAD Fuse (LH-HI) (CANADA)
- HEAD Fuse (RH-LO) (CANADA)
- HEAD Fuse (RH-HI) (CANADA)
- HEAD Dimmer Relay (CANADA)
- DRL Fuse (CANADA)

Headlights

Brake Fluid Level Switch

Parking Brake Switch

DRL Resistor (CANADA)

Taillights

TROUBLESHOOTING

The table below will be useful for you in troubleshooting these electrical problems. The most likely causes of the malfunction are shown in the order of their probability. Inspect each part in the order shown, and replace the part when it is found to be faulty.

USA

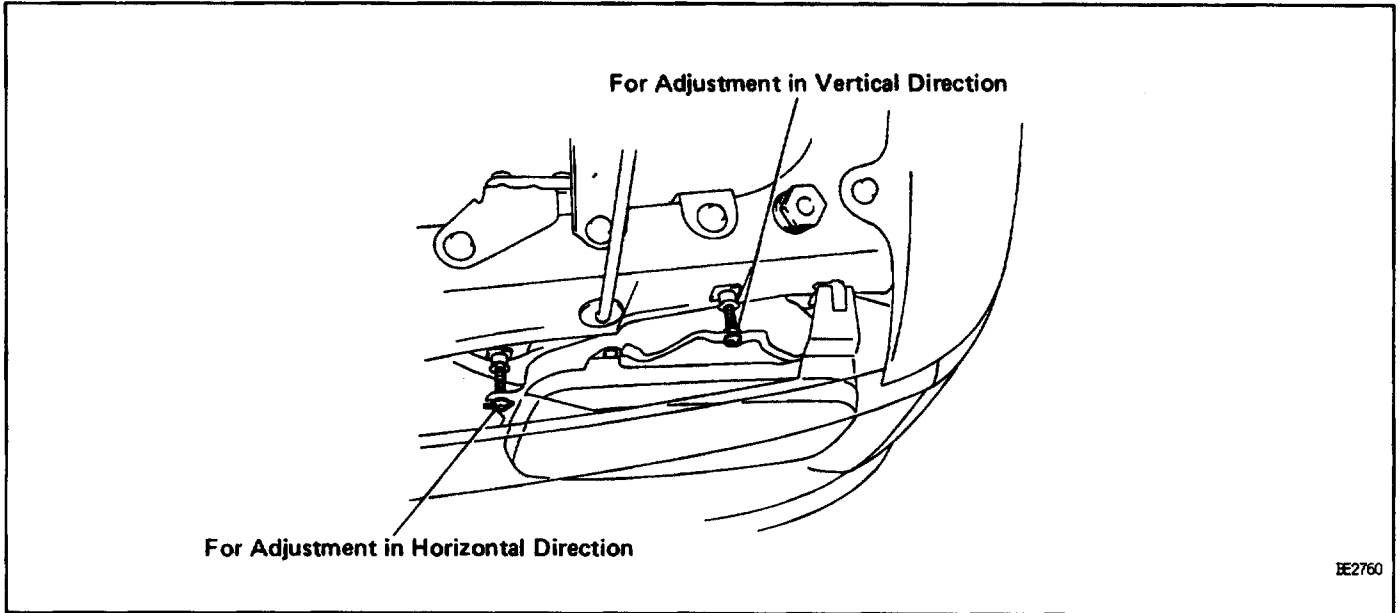
Trouble	Parts name	(See page)
Headlight does not light up (Taillight is normal)	1. Headlight Bulb 2. HEAD Fuse 3. Headlight Control Relay 4. Light Control Switch 5. Dimmer Switch 6. Wire Harness	(BE-11) (BE-21) (BE-20) (BE-20)
Taillight does not light up (Headlight is normal)	1. Taillight Bulb 2. TAIL Fuse 3. Taillight Control Relay 4. Light Control Switch 5. Wire Harness	(BE-11) (BE-21) (BE-20)
Headlight and Taillight does not light up	1. Bulbs 2. HEAD Fuse 3. TAIL Fuse 4. Headlight Control Relay 5. Taillight Control Relay 6. Light Control Switch 7. Dimmer Switch 8. Wire Harness	(BE-11) (BE-11) (BE-21) (BE-21) (BE-20) (BE-20)
Only one light comes on	1. Bulbs 2. HEAD Fuse 3. Wire Harness	(BE-11)
"Lo-Beam" does not light up	1. Headlight Bulb 2. Dimmer Switch 3. Wire Harness	(BE-20)
"Hi-Beam" does not light up	1. Headlight Bulb 2. Dimmer Switch 3. Wire Harness	(BE-20)
"Flash" does not light up	1. Headlight Bulb 2. Dimmer Switch 3. Wire Harness	(BE-20)
Only one Taillight does out or does not light up	1. Taillight Bulb 2. Wire Harness	
Rear Combination light does not light up	1. Taillight Bulb 2. TAIL Fuse 3. Taillight Control Relay 4. Wire Harness	(BE-11) (BE-21)

CANADA

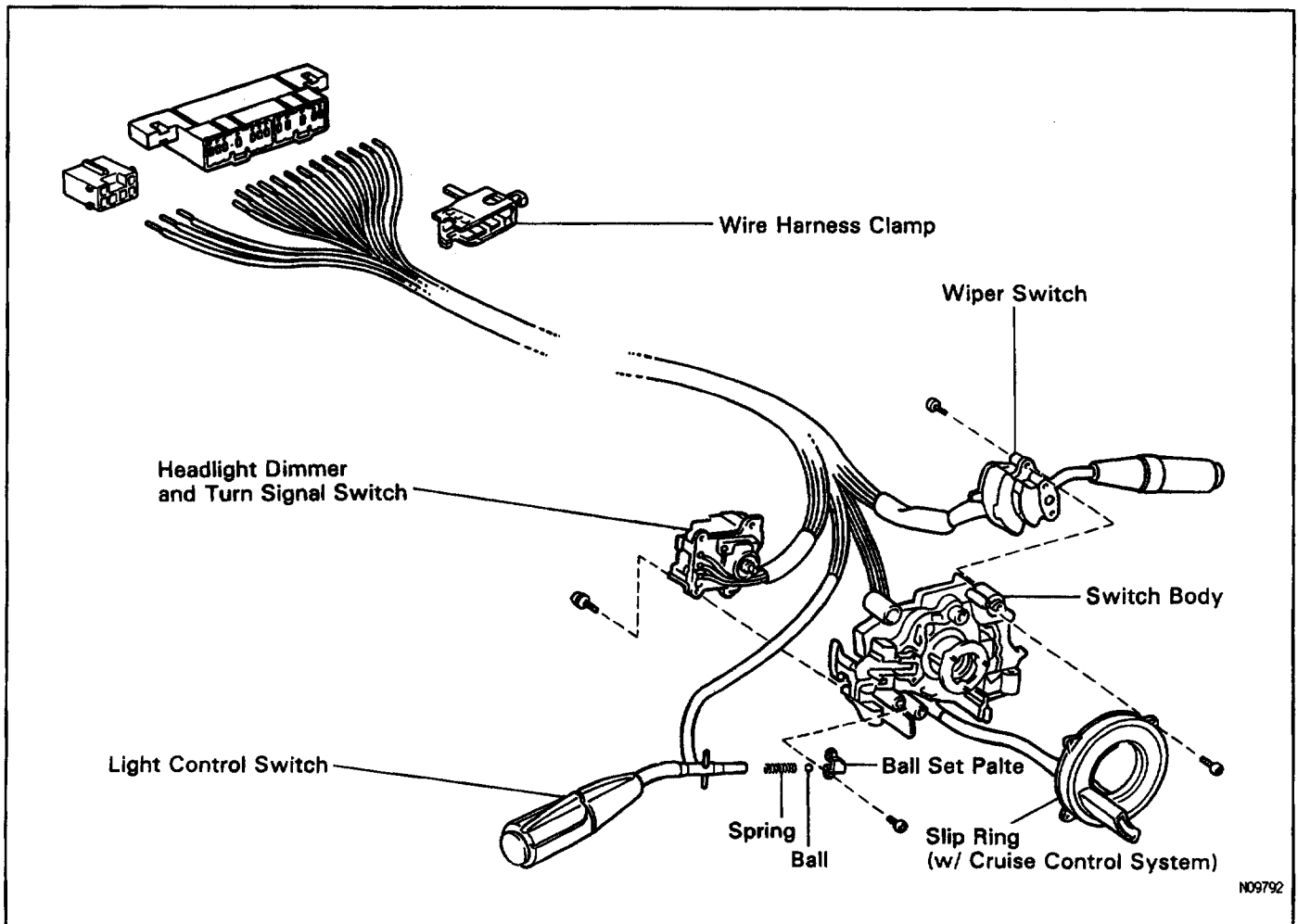
Trouble	Parts name (See page)
Headlight does not light up (Taillight is normal)	1. Headlight Bulb 2. Headlight Control Relay (BE-21) 3. Daytime Running Light Relay (BE-23) 4. Dimmer Switch (BE-20) 5. Headlight Dimmer Relay (BE-22) 6. Daytime Running Light No.4 Relay (BE-25) 7. Daytime Resistor (BE-25) 8. Light Control Switch (BE-20) 9. Wire Harness
Taillight does not light up (Headlight is normal)	1. Taillight Bulb 2. TAIL Fuse (BE-11) 3. Taillight Control Relay (BE-21) 4. Daytime Running Light Relay (BE-23) 5. Light Control Switch (BE-20) 6. Integration Relay (BE-60) 7. Wire Harness
Headlight and Taillight does not light up	1. Bulbs 2. TAIL Fuse (BE-11) 3. Headlight Control Relay (BE-21) 4. Taillight Control Relay (BE-21) 5. Daytime Running Light Relay (BE-23) 6. Dimmer Switch (BE-20) 7. Headlight Dimmer Relay (BE-22) 8. Light Control Switch (BE-20) 9. Daytime Running Light No.4 Relay (BE-25) 10. Daytime Resistor (BE-25) 11. Integration Relay (BE-60) 12. Wire Harness
Only one light comes on	1. Bulbs 2. Wire Harness
"Lo-Beam" does not light up	1. Headlight Bulb 2. HEAD Fuse (BE-11) 3. Headlight Dimmer Relay (BE-22) 4. Dimmer Switch (BE-20) 5. Daytime Running Light Relay (BE-21) 6. Daytime Running Light No.4 Relay (BE-25) 7. Daytime Resistor (BE-25) 8. Wire Harness
"Hi-Beam" does not light up	1. Headlight Bulb 2. HEAD Fuse (BE-11) 3. Headlight Dimmer Relay (BE-22) 4. Dimmer Switch (BE-20) 5. Daytime Running Light Relay (BE-23) 6. Daytime Running Light No.4 Relay (BE-25) 7. Daytime Resistor (BE-25) 8. Wire Harness

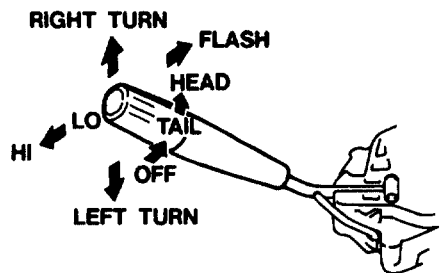
Trouble	Parts name	(See page)
"Flash" does not light up	1. Headlight Bulb 2. HEAD Fuse 3. Headlight Dimmer Relay 4. Dimmer Switch 5. Daytime Running Light Relay 6. Daytime Running Light No.4 Relay 7. Daytime Resistor 8. Wire Harness	 (BE-11) (BE-22) (BE-20) (BE-23) (BE-25) (BE-25)
Only one Taillight does out or does not light up	1. Taillight Bulb 2. Wire Harness	
Rear Combination light does not light up	1. Taillight Bulb 2. TAIL Fuse 3. Taillight Control Relay 4. Wire Harness	 (BE-11) (BE-21)
Daytime Running Light system does not operate	1. DOME Fuse 2. GAUGE Fuse 3. IGN Fuse 4. HEAD Fuse 5. TAIL Fuse 6. Headlight Control Relay 7. Taillight Control Relay 8. Dimmer Relay 9. Ignition Switch 10. Light Control/Dimmer Switch 11. Wire Harness	 (BE-11) (BE-11) (BE-11) (BE-11) (BE-21) (BE-21) (BE-22) (BE-13) (BE-20)

HEADLIGHT AIMING ADJUSTMENT

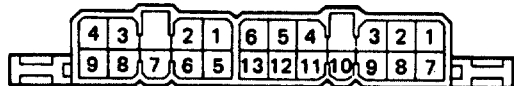


COMPONENTS



Reference:

Connector "A" Connector "B"

BE2414
BE0111

Z08509

COMBINATION SWITCH INSPECTION**1. INSPECT LIGHT CONTROL SWITCH****Continuity**

(): Color

Switch position	Tester connection to terminal number	Specified value
OFF	–	No continuity
TAIL	B10 – B11 (W)–(W)	Continuity
HEAD	B10 – B11 – B4 (W)–(W)–(R)	Continuity

If continuity is not as specified, replace the switch.

2. INSPECT HEADLIGHT DIMMER SWITCH**Continuity**

(): Color

Switch position	Tester connection to terminal number	Specified value
Low beam	B6 – B13 (RG)–(WB)	Continuity
High beam	B5 – B13 (RY)–(WB)	Continuity
Flash	B5 – B12 – B13 (RY)–(RW)–(WB)	Continuity

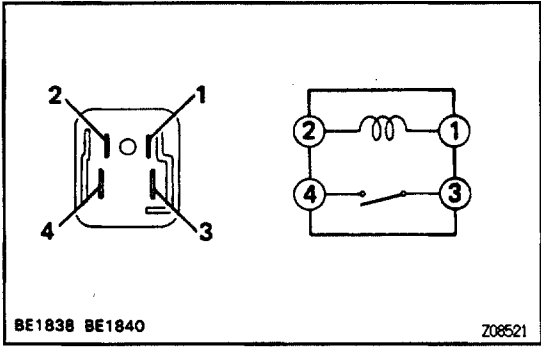
If continuity is not as specified, replace the switch.

TURN SIGNAL SWITCH INSPECTION**INSPECT TURN SIGNAL SWITCH****Continuity**

(): Color

Switch position	Tester connection to terminal number	Specified value
Left turn	B3 – B9 (GW)–(GB)	Continuity
Neutral	–	No continuity
Right turn	B3 – B8 (GW)–(GY)	Continuity

If continuity is not as specified, replace the switch.

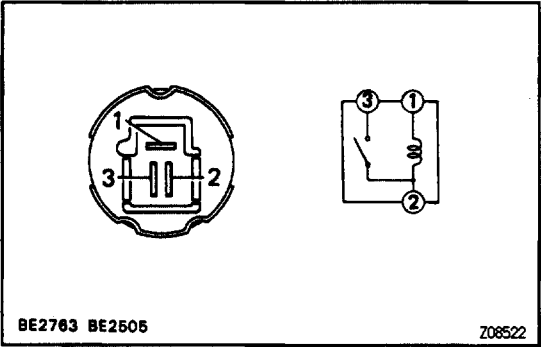


HEADLIGHT CONTROL RELAY INSPECTION

INSPECT HEADLIGHT CONTROL RELAY Continuity

Condition	Tester connection to terminal number	Specified value
Constant	1 - 2	Continuity
Apply B+ between terminals 1 and 2.	3 - 4	Continuity

If continuity is not as specified, replace the relay.

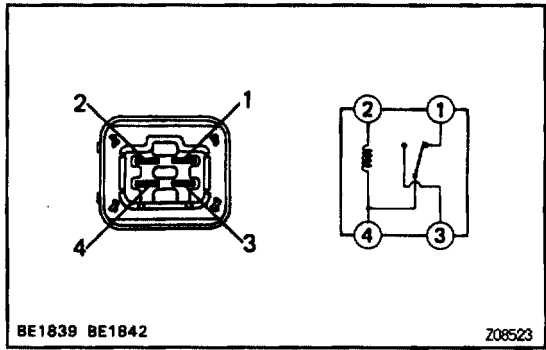


TAILLIGHT CONTROL RELAY INSPECTION

INSPECT TAILLIGHT CONTROL RELAY Continuity

Condition	Tester connection to terminal number	Specified value
Constant	1 - 2	Continuity
Apply B+ between terminals 1 and 2.	2 - 3	Continuity

If continuity is not as specified, replace the relay.



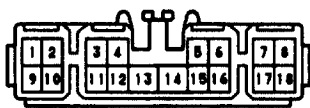
HEADLIGHT DIMMER RELAY INSPECTION

INSPECT HEADLIGHT DIMMER RELAY Continuity

Condition	Tester connection to terminal number	Specified value
Constant	1 - 4	Continuity
	2 - 4	
Apply B+ between terminals 2 and 4.	3 - 4	Continuity

If continuity is not as specified, replace the relay.

Wire Harness Side



e-18-1

Z08524

DAYTIME RUNNING LIGHT RELAY INSPECTION

INSPECT DAYTIME RUNNING LIGHT RELAY

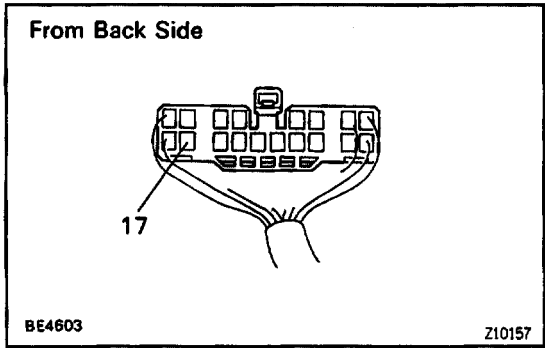
Relay Circuit

Disconnect the connector from the relay and inspect the connector on the wire harness side, as shown in the chart.

Tester connection to Terminal number	Condition	Specified value (Continuity)
5 - Ground	Light control switch position OFF or TAIL	No continuity
5 - Ground	Light control switch position HEAD	Continuity
7 - Ground	Headlight dimmer switch position Low beam or High beam	No continuity
7 - Ground	Headlight dimmer switch position Flash	Continuity
8 - Ground	Parking brake switch position OFF (Parking brake lever released)	No continuity
8 - Ground	Parking brake switch position ON (Parking brake lever Pulled up)	Continuity
12 - Ground	Constant	Continuity
13 - Ground	Constant	Continuity
16 - Ground	Headlight dimmer switch position Low beam	No continuity
16 - Ground	Headlight dimmer switch position High beam or Flash	Continuity

Tester connection to terminal number	Condition	Specified value (Voltage)
2 - Ground	Ignition switch position LOCK or ACC	No voltage
2 - Ground	Ignition switch position ON or START	Battery positive voltage
6 - Ground	Constant	Battery positive voltage
11 - Ground	Engine Stop	No voltage
11 - Ground	Engine Running	Battery positive voltage

If circuit is as specified, perform the inspection on the following page.



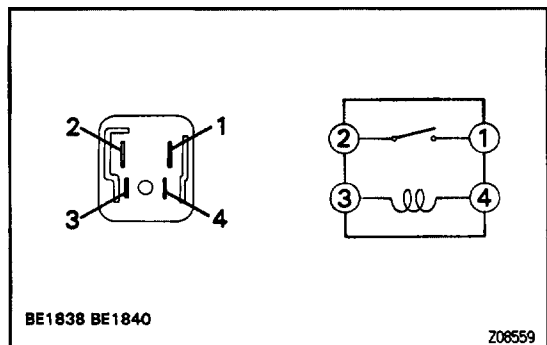
Relay Circuit/ Connector Connected

Connect the wire harness side connector to the relay and inspect wire harness side connector from the back side, as shown.

Tester connection to terminal number	Condition	Specified value (Voltage)
17 - Ground	Headlight dimmer switch position Low beam or High beam	No voltage
17 - Ground	Headlight dimmer switch position Flash	Battery positive voltage

If circuit is as specified, replace the relay.

PARKING BRAKE SWITCH INSPECTION
INSPECT PARKING BRAKE SWITCH
(See page [BE-58](#))

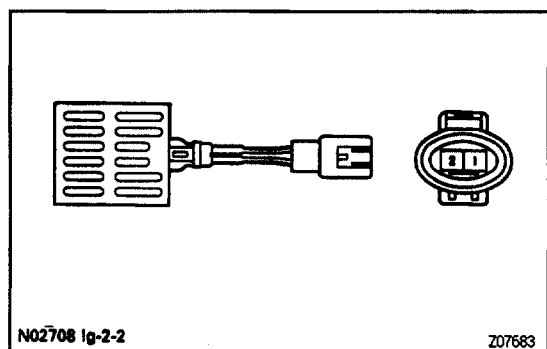


DAYTIME RUNNING LIGHT RELAY NO.4 INSPECTION

INSPECT DAYTIME RUNNING LIGHT RELAY NO.4 Continuity

Condition	Tester connection to terminal number	Specified value
Constant	3 - 4	Continuity
Apply B+ between terminals 3 and 4.	1 - 2	Continuity

If continuity is not as specified, replace the relay.

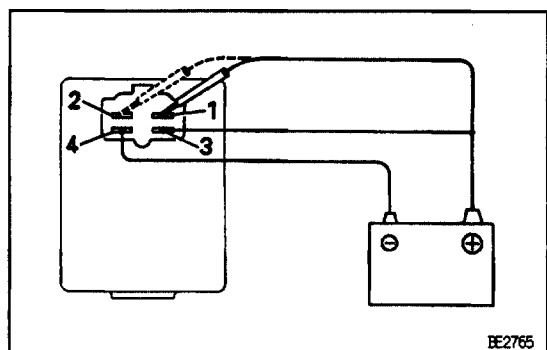


DAYTIME RESISTOR INSPECTION

INSPECT DAYTIME RESISTOR Continuity

Condition	Tester connection to terminal number	Specified value (resistance)
Constant	1 - 2	Approx. 337 mΩ

If continuity is not as specified, replace the resistor.



LIGHTS-ON WARNING SYSTEM INSPECTION

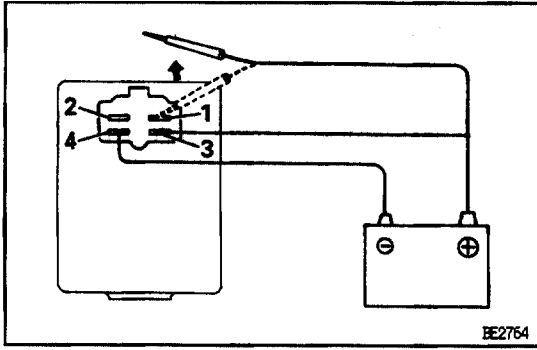
1. INSPECT DOOR COURTESY SWITCH

(See page [BE-61](#))

2. INSPECT LIGHT REMAINDER RELAY

Operation

- Connect the positive (+) lead from the battery to terminal 3 and the negative (-) lead to terminal 4.
- Check that the buzzer does not sound when connected terminal 1 or 2 to the positive (+) lead.



- (c) Check that the buzzer, sounds when disconnecting terminal 1 or 2 from the positive (+) lead.
If operation is not as specified, replace the relay.