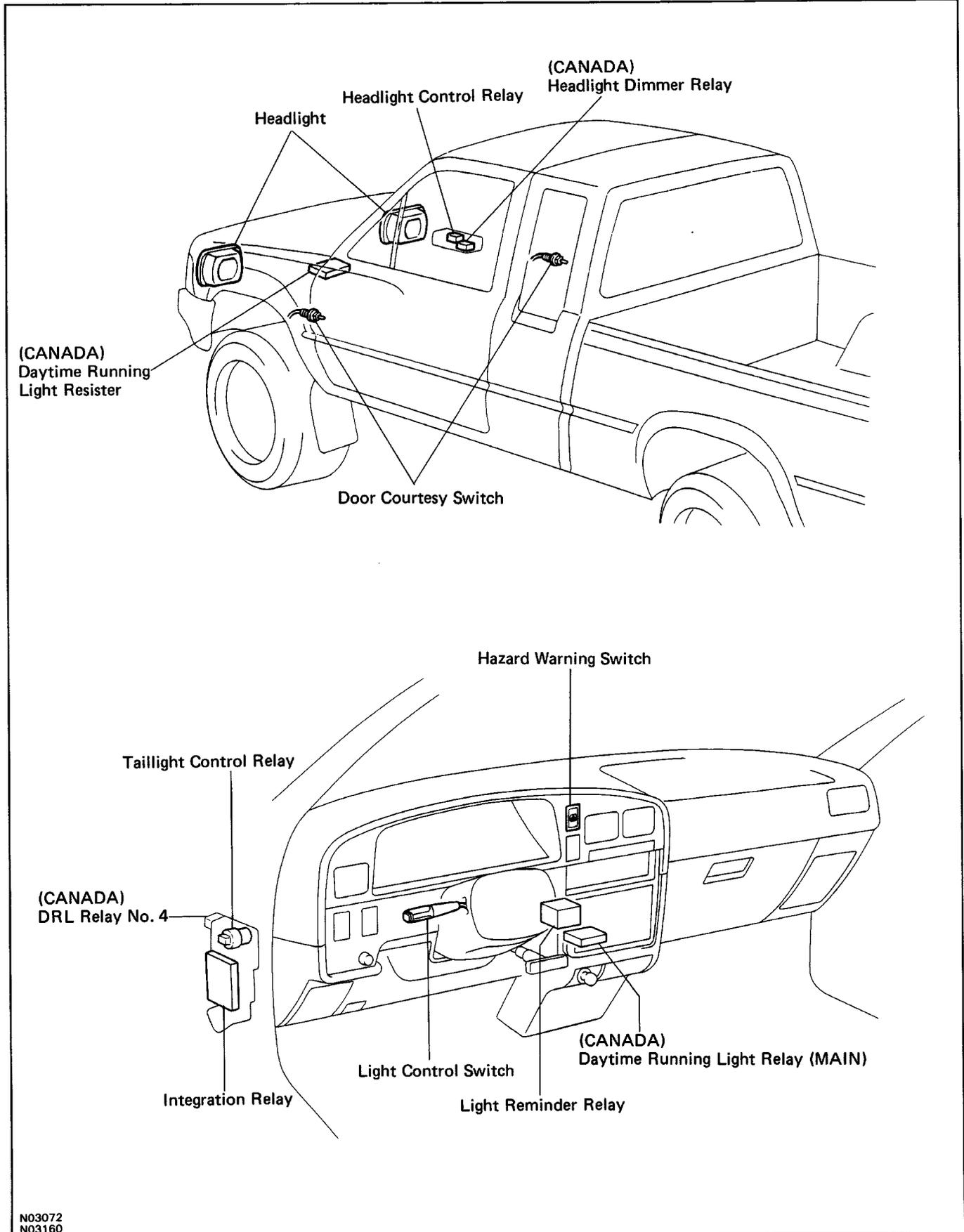


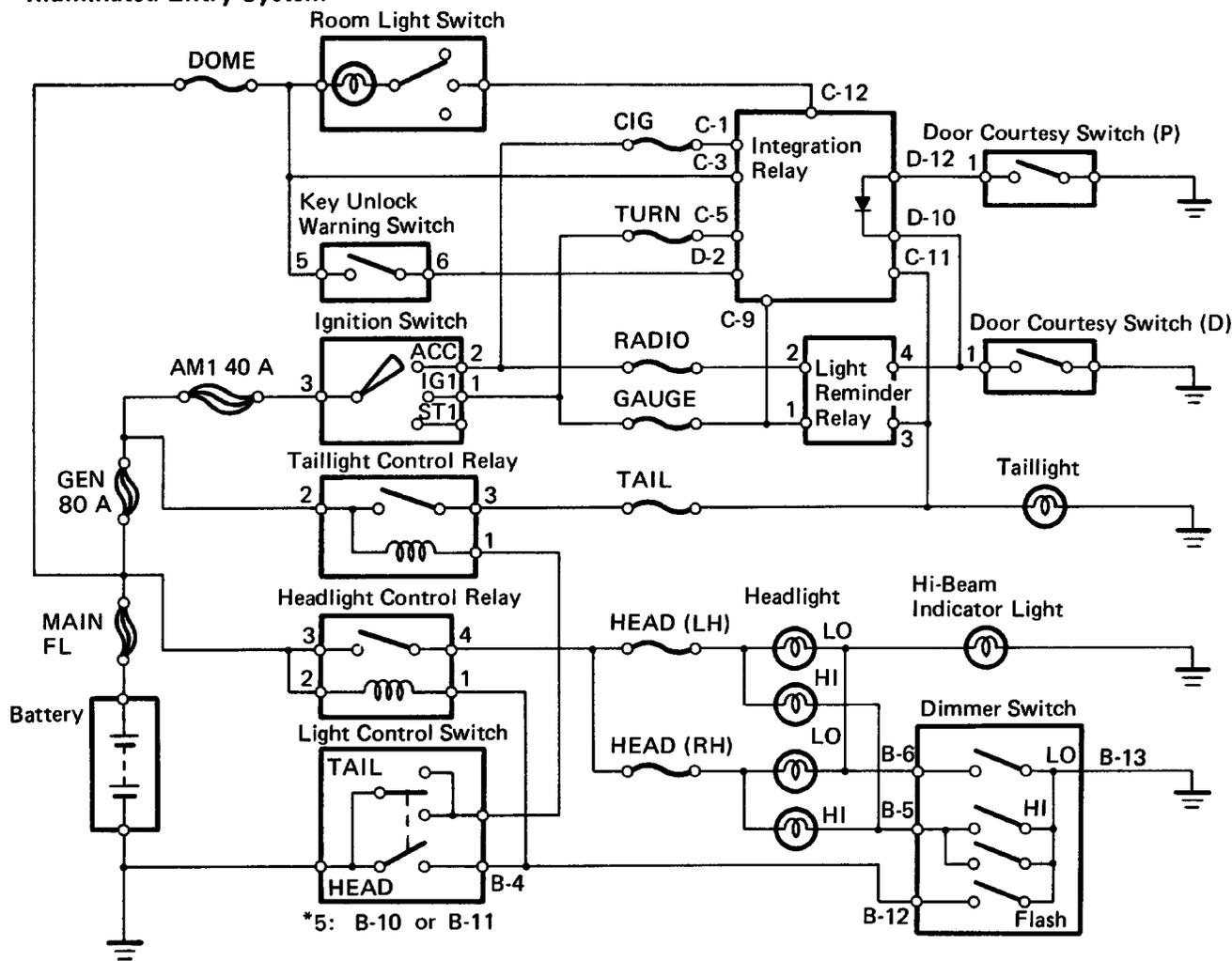
LIGHTING SYSTEM

Parts Location

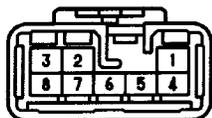


Wiring and Connector Diagrams

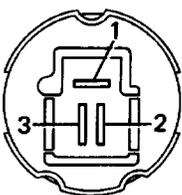
- Headlight System (USA)
- Taillight System (USA)
- Lights-On Warning System
- Illuminated Entry System



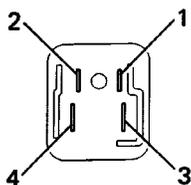
- Ignition Switch
- Key Unlock Warning Switch



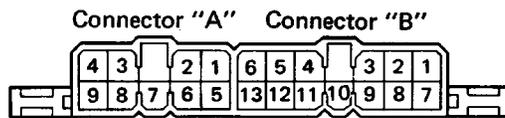
Taillight Control Relay



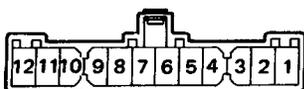
Headlight Control Relay



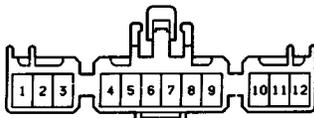
- Light Control Switch
- Dimmer Switch



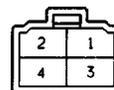
Integration Relay
J/B Side: Connector "C"



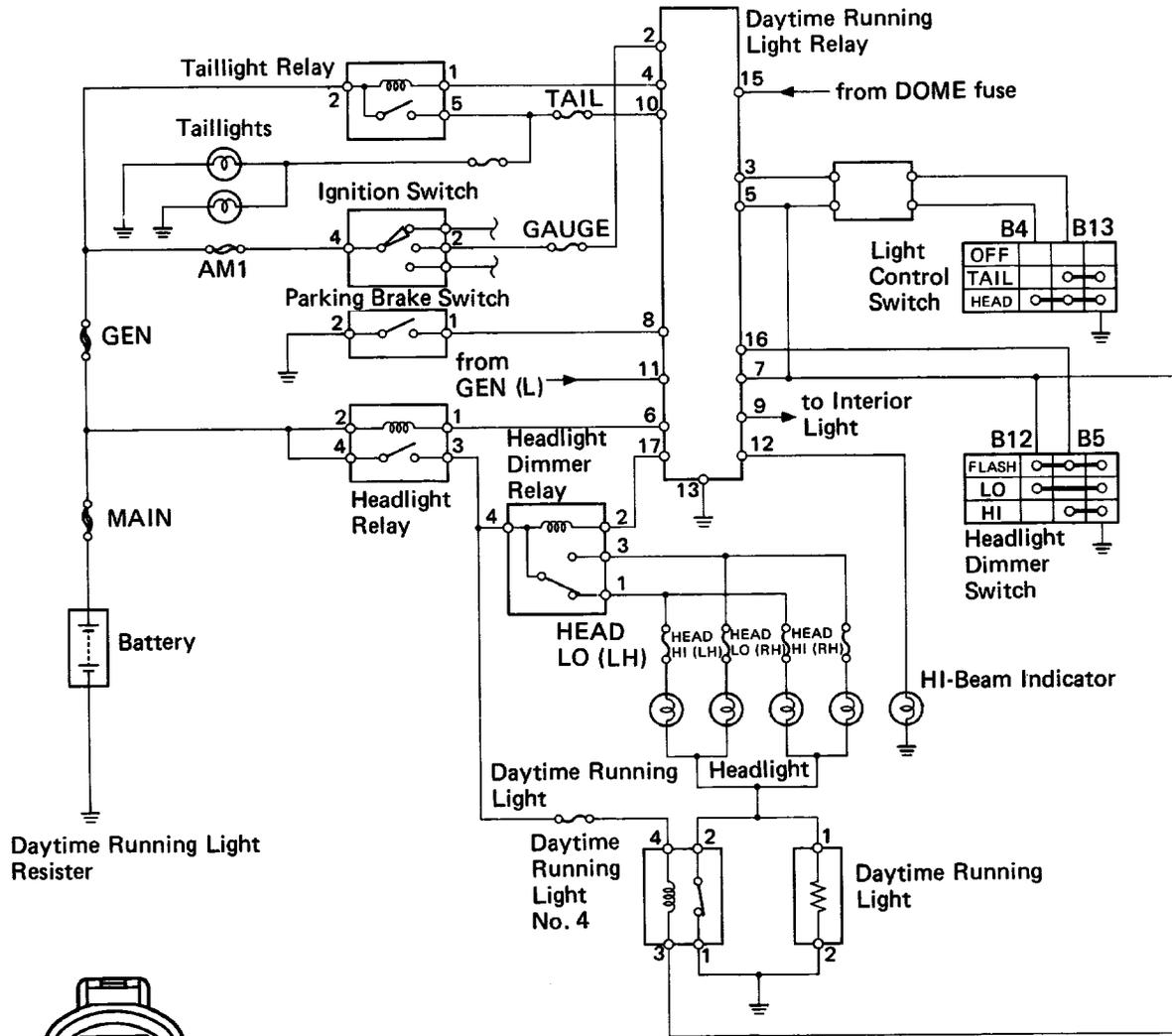
Wire Harness Side: Connector "D"



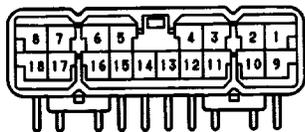
Light Reminder Relay



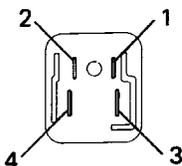
• Daytime Running Light System (CANADA)



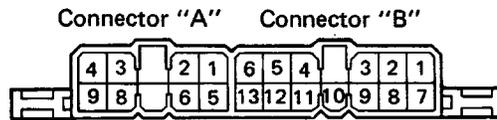
Daytime Running Light Relay



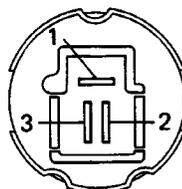
Daytime Running Light Relay and Headlight Control Relay



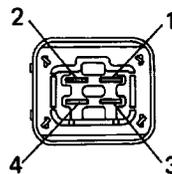
- Light Control Switch
- Headlight Dimmer Switch



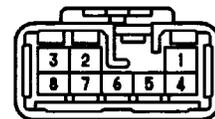
Taillight Control Relay



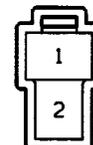
Headlight Dimmer Relay



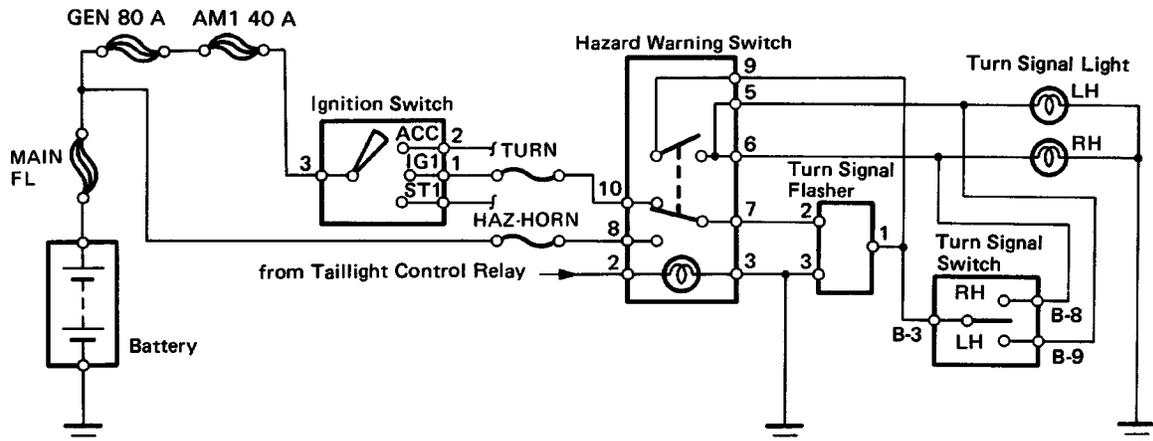
Ignition Switch



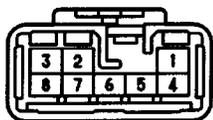
Parking Brake Switch



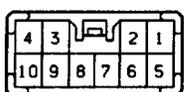
• Turn Signal and Hazard Warning System



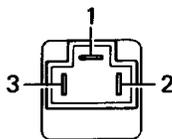
Ignition Switch



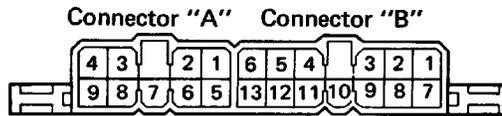
Hazard Warning Switch



Turn Signal Flasher



Turn Signal Switch



BE5629
g-8-2 S-10-2 BE2896 BE0111

Troubleshooting

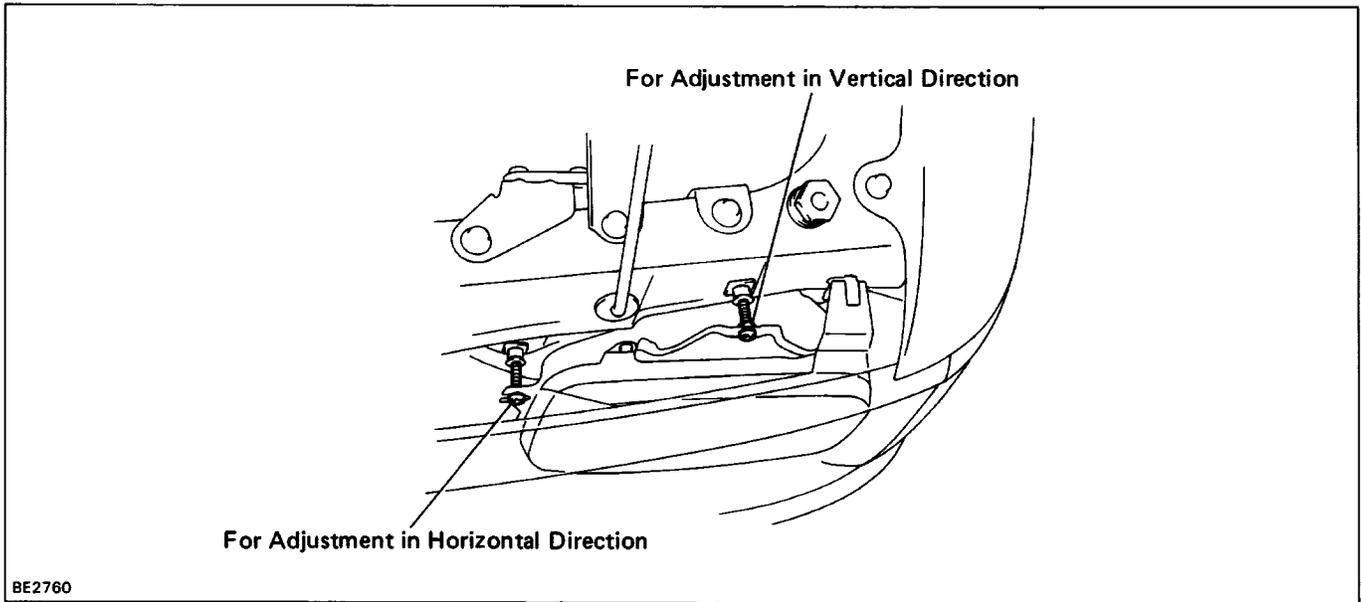
Problem	Possible cause	Remedy	Page
Only one light does not light up	Light bulb burned out Socket, wire or ground faulty	Replace sealed beam headlight Repair as necessary	
Headlights do not light up	Fusible link blown Headlight control relay faulty Light control/dimmer switch faulty Daytime running light relay faulty Wiring and ground faulty	Replace fusible link Check relay Check switch Check relay circuit Repair as necessary	BE-1 9 BE-1 9 BE-20
High beam headlights or headlight flashers do not operate	Light control/dimmer switch faulty Daytime running light relay faulty Wiring or ground faulty	Check switch Check relay Repair as necessary	BE-1 9 BE-20
Tail, parking and license light do not light up	TAIL fuse blown Fusible link blown Taillight control relay faulty Light control relay faulty Daytime running light relay faulty Wiring or ground faulty	Replace fuse and check for short Replace fusible link Check relay Check switch Check relay Repair as necessary	BE-3 BE-19 BE-1 9 BE-20
Stop lights do not light up	STOP fuse blown Stop light switch faulty Wiring or ground faulty	Replace fuse and check for short Adjust or replace switch Repair as necessary	BE-3
Stop lights stay on	Stop light switch faulty	Adjust or replace switch	
Instrument lights do not light up (taillight light up)	Wiring or ground faulty	Repair as necessary	
Turn signal does not flash on one side	Turn signal switch faulty Wiring or ground faulty	Check switch Repair as necessary	BE-1 9

Troubleshooting (Cont'd)

Problem	Possible cause	Remedy	Page
Turn signal do not operate	HAZ-HORN fuse blown Turn signal flasher faulty Turn signal/hazard switch faulty Wiring or ground faulty	Replace fuse and check for short Check flasher Check switch Repair as necessary	BE-3 BE-23 BE-23
Hazard warning lights do not operate	HAZ-HORN fuse blown Turn signal flasher faulty Turn signal/hazard switch faulty Wiring or ground faulty	Replace fuse and check for short Check flasher Check switch Repair as necessary	BE-3 BE-23 BE-23
Daytime running light system does not operate	DOM E fuse blown GAUGE fuse blown IG N fuse blown HEAD fuse blown TAIL fuse blown Headlight control relay faulty Taillight control relay faulty Dimmer relay faulty Ignition switch faulty Light control/dimmer switch faulty Wiring or ground faulty	Replace fuse and check for short Check relay Check relay Check relay Check switch Check switch Repair as necessary	BE-3 BE-19 BE-19 BE-20 BE-8 BE-19

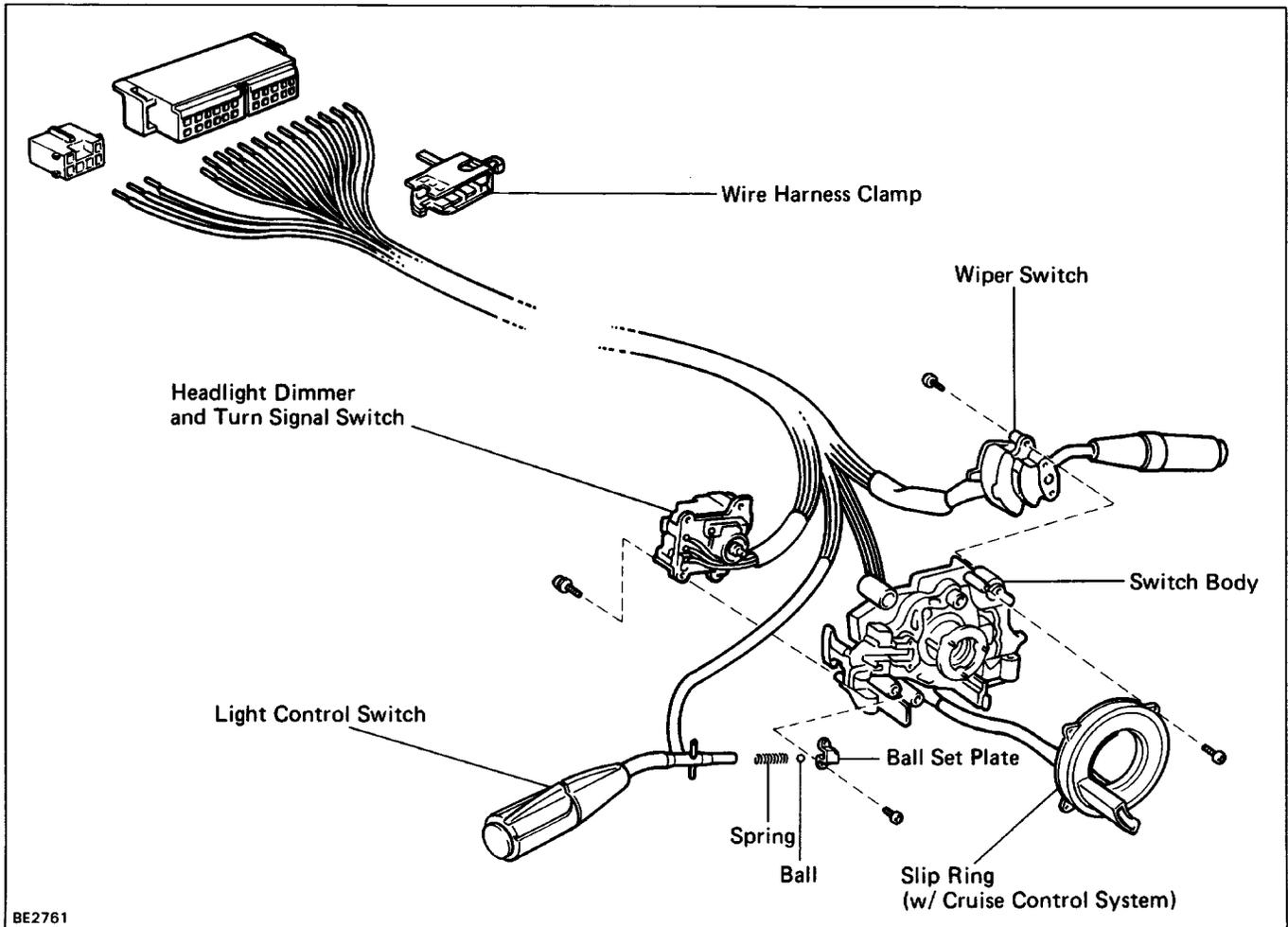
Parts Adjustment

Adjustment of Light Aiming



Parts Replacement

Components



Disassembly of Combination Switch

NOTICE: w/ Cruise Control System

To prevent damage to the slip ring when removing the steering wheel, be careful of the following points.

- Keep the steering wheel in the "straight-ahead" steering position.
- Do not let the steering wheel strongly interfere with the connector part of the slip ring.

1. REMOVE WIRE HARNESS CLAMP FROM WIRE HARNESS

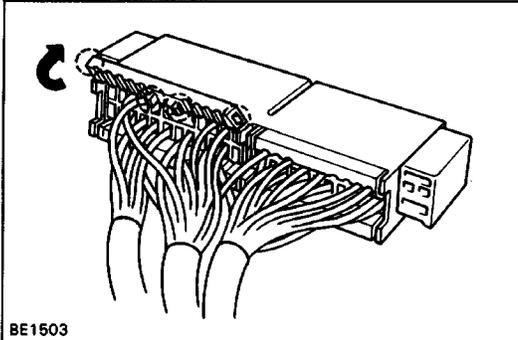
Pry loose the two locking lugs and remove the clamp from the wire harness.

2. REMOVE TERMINALS FROM CONNECTOR

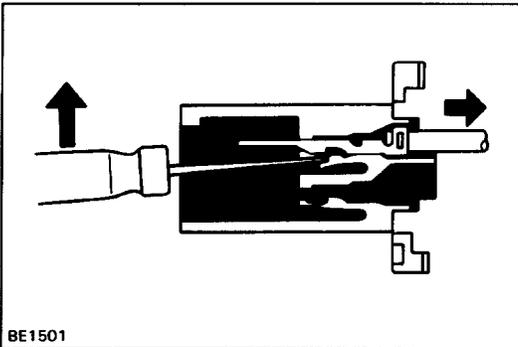
(a) Release four tabs and open the terminal cover.

(b) From the open end, insert a miniature screwdriver between the locking lug and terminal.

(c) Pry down the locking lug with the screwdriver and pull the terminal out from the rear.



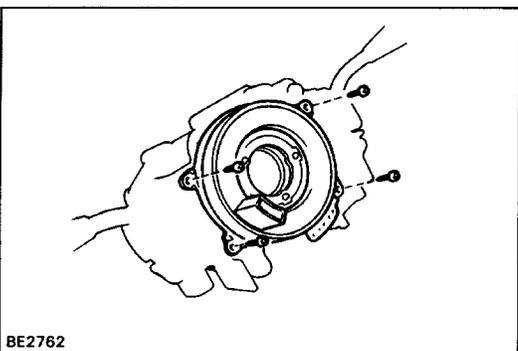
BE1503



BE1501

3. (w/ Cruise Control System) REMOVE SLIP RING

Remove four screws and the slip ring from the switch body.

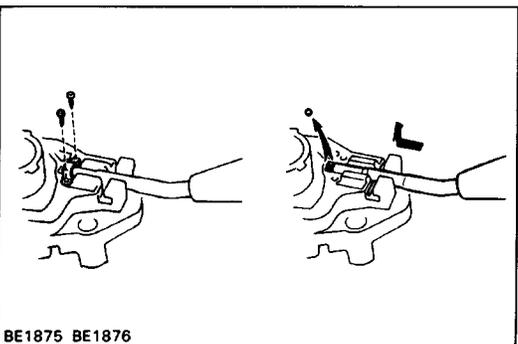


BE2762

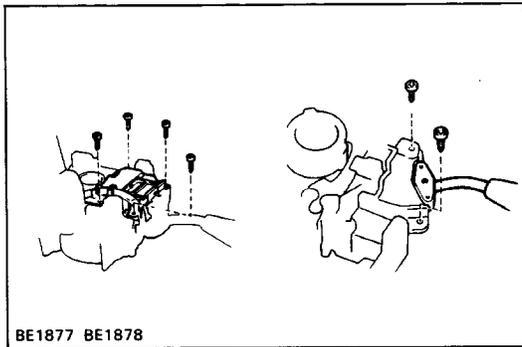
4. REMOVE LIGHT CONTROL SWITCH

(a) Remove two screws and the ball set plate from the switch body.

(b) Remove the ball and slide out the switch from the switch body with the spring.



BE1875 BE1876

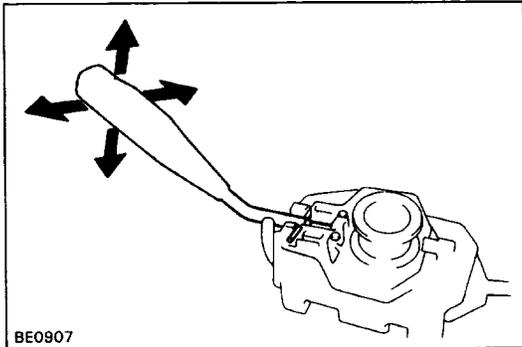


5. REMOVE HEADLIGHT DIMMER AND TURN SIGNAL SWITCH

Remove four screws and the switch from the switch body.

6. REMOVE WIPER AND WASHER SWITCH

Remove two screws and the switch from the switch body.

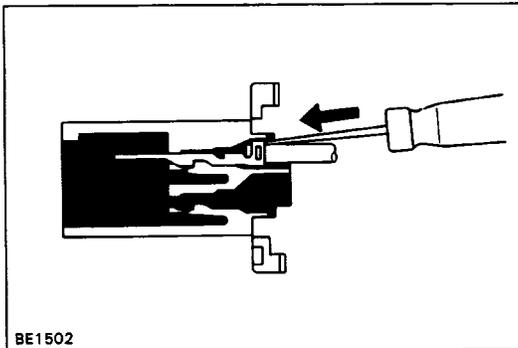


Assembly of Combination Switch

INSTALL PARTS OF COMBINATION SWITCH IN REVERSE SEQUENCE OF REMOVAL

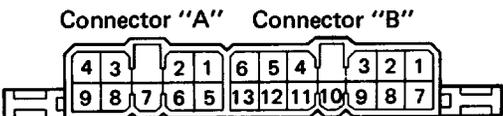
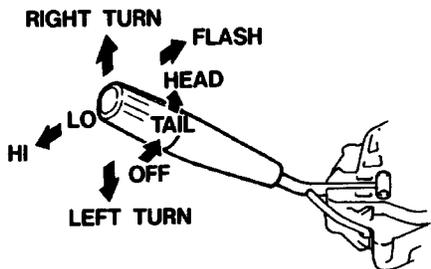
HINT:

- After installing the light control switch to the switch body, insure that the switch operates smoothly.



- Push in the terminal until it is securely locked in the connector lug.

Reference:



BE2414
BE0111

Parts Inspection

Headlight, Taillight and Daytime Running Light System

1. INSPECT COMBINATION SWITCH (Light Control Switch /Continuity)

Terminal (Color) Switch position	B-10 (W)	B-11 (W)	B-4 (R)
OFF			
TAIL	○	○	
HEAD	○	○	○

(Headlight Dimmer and Turn Signal Switch/Continuity) Headlight Dimmer Switch

Terminal (Color) Switch position	B-5 (R-Y)	B-6 (R-G)	B-12 (R-W)	B-13 (W-B)
Flash	○		○	○
Low beam		○		○
High beam	○			○

Turn Signal Switch

Terminal (Color) Switch position	B-3 (G-W)	B-8 (G-Y)	B-9 (G-B)
Left turn	○		○
Neutral			
Right turn	○	○	

If continuity is not as specified, replace the switch.

2. INSPECT RELAY (Headlight Control Relay/Continuity)

BE1838 BE1840

Terminal Condition	1	2	3	4
Constant	○	○		
Apply battery positive voltage to terminals 1 and 2.			○	○

(Taillight Control Relay/Continuity)

BE2763 BE2505

Terminal Condition	1	2	3
Constant	○	○	
Apply battery positive voltage to terminals 1 and 2.		○	○

If continuity is not as specified, replace the relay.

(Headlight Dimmer Relay/Continuity)

Terminal	1	2	3	4
Condition				
Constant	○	○	○	○
Apply battery positive voltage to terminals 2 and 4.			○	○

If continuity is not as specified, replace the relay.

Wire Harness Side

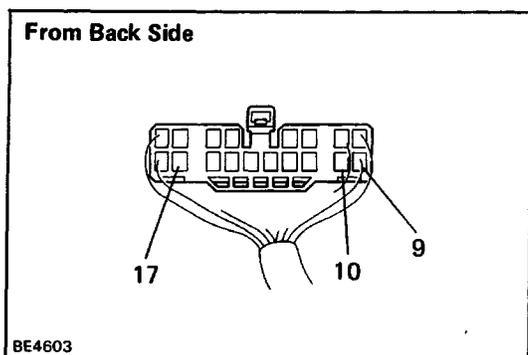


e-18-1

1. 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.

Check for	Tester connection	Condition	Specified value	
Continuity	3 - Ground	Light control switch position	OFF TAIL or HEAD	No continuity Continuity
		5 - Ground	Light control switch position	OFF or TAIL HEAD
	7 - Ground		Headlight dimmer switch position	Low beam or High beam Flash
		8 - Ground		Parking brake switch position
	13 - Ground		Constant	
	16 - Ground	Headlight dimmer switch position	Low beam High beam or Flash	No continuity Continuity
			Voltage	2 - Ground 18 - Ground
4 - Ground 6 - Ground 15 - Ground	Constant			
		11 - Ground		Engine



(Relay Circuit/Connector connected)

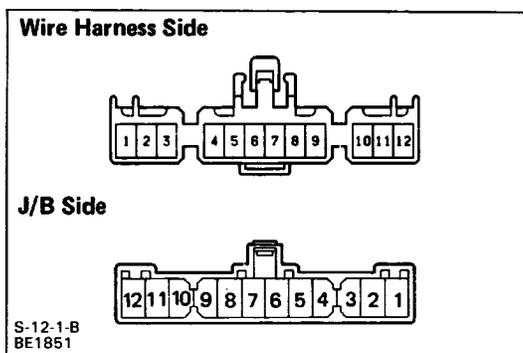
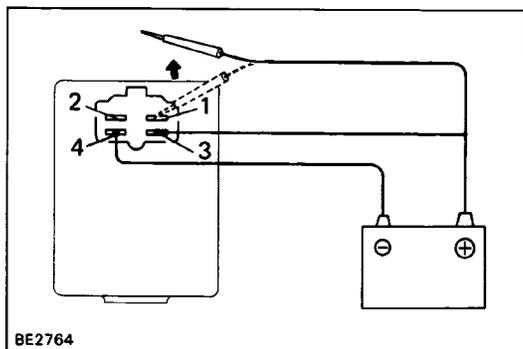
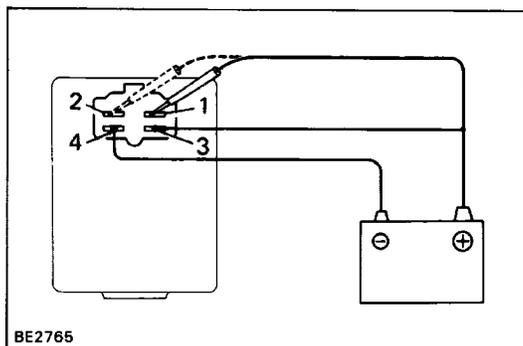
Connect the wire harness side connector to the relay and inspect wire harness side connector from the back side as shown.

Check for	Tester connection	Condition		Specified value
Voltage	9 – Ground	Light control switch position	OFF	No voltage
			TAIL or HEAD	Battery positive voltage
	10 – Ground	Light control switch position	OFF	No voltage
			TAIL or HEAD	Battery positive voltage
	17 – Ground	Headlight dimmer switch position	Low beam or High beam	No voltage
			Flash	Battery positive voltage

If circuit is as specified, replace the relay.

4. INSPECT PARKING BRAKE SWITCH

(See page [BE-39](#))



Lights-On Warning System

1. INSPECT DRIVER'S DOOR COURTESY SWITCH

See combination meter on page [BE-39](#).

2. INSPECT LIGHT REMAINDER RELAY

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

Illuminated Entry System

1. INSPECT DRIVER'S DOOR COURTESY SWITCH

See combination meter on page [BE-40](#).

2. INSPECT INTEGRATION RELAY

(Relay Circuit)

Disconnect the connectors from the relay and inspect the connectors on the wire harness side and JIB side as shown in the chart.

(Wire Harness Side)

Check for	Tester connection	Condition		Specified value
Continuity	4 - Ground	Constant		Continuity
	7 - Ground	Constant		Continuity
	10 - Ground	Driver's door position	Closed (Courtesy switch OFF)	No continuity
Opened (Courtesy switch ON)			Continuity	

(JIB Side)

Check for	Tester connection	Condition		Specified value
Continuity	7 - Ground	Constant		Continuity
Voltage	3 - Ground	Constant		Battery positive voltage
	12 - Ground	Constant		Battery positive voltage

If the circuit is as specified, replace the relay.

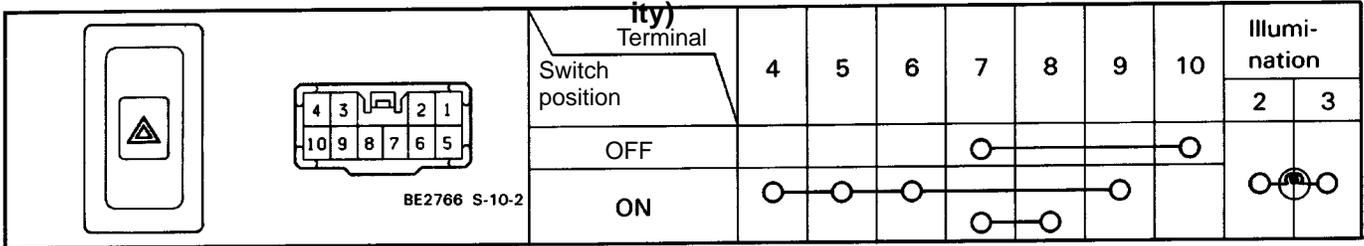
Turn Signal and Hazard Warning System

1. INSPECT SWITCHES

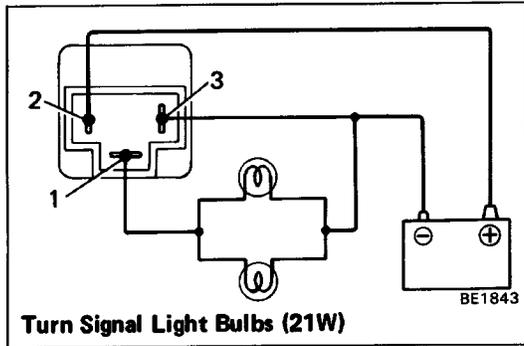
(Turn Signal Switch /Continuity)

See Headlight Dimmer and Turn Signal Switch on page [BE-1 9](#).

(Hazard Warning Switch/Continuity)



If continuity is not as specified, replace the switch.



2. INSPECT TURN SIGNAL FLASHER

(Operation)

- (a) Connect the positive (+) lead from the battery to terminal 2 and the negative (-) lead to terminal 3.
- (b) Connect the two turn signal light bulbs parallel to each other to terminals 1 and 3, check that the bulbs flash.

HINT: The turn signal lights should flash 60 to 120 times per minute.

If one of the front or rear turn signal lights has an open circuit, the number of flashers will be more than 140 per minute.

If operation is not as specified, replace the flasher.