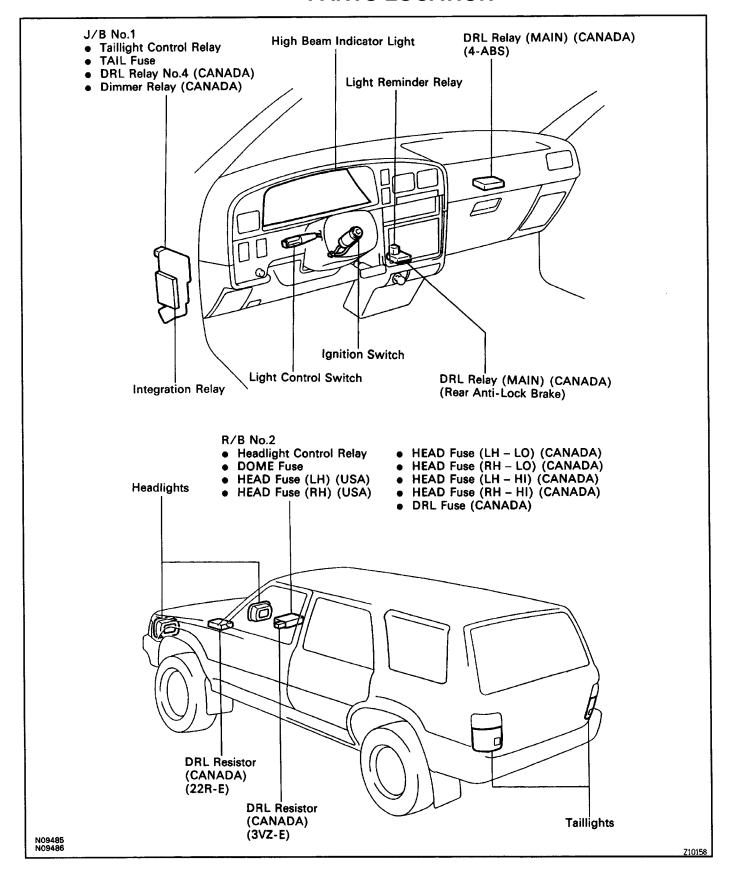
## HEADLIGHT AND TAILLIGHT SYSTEM PARTS LOCATION



### **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

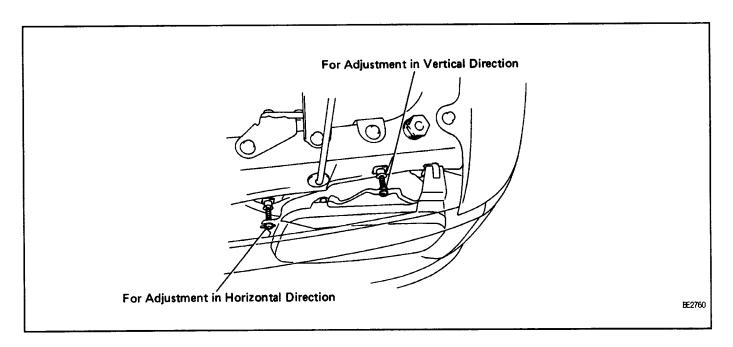
Trouble	Parts name	(See page)
	1. Headlight Bulb	
	2. HEAD Fuse	(BE-11)
Headlight does not light up	3. Headlight Control Relay	(BE-21)
(Taillight is normal)	4. Light Control Switch	(BE-21)
,	5. Dimmer Switch	(BE-21)
	6. Wire Harness	
	1. Taillight Bulb	
	2. TAIL Fuse	(BE-11)
Taillight does not light up	3. Taillight Control Relay	(BE-22)
(Headlight is normal)	4. Light Control Switch	(BE-21)
	5. Wire Harness	
	1. Bulbs	
	2. HEAD Fuse	(BE-11)
	3. TAIL Fuse	(BE-11)
	4. Headlight Control Relay	(BE-21)
Headlight and Taillight does not light up	5. Taillight Control Relay	(BE-22)
	6. Light Control Switch	(BE-21)
	7. Dimmer Switch	(BE-21)
	8. Wire Harness	
	1. Bulbs	
Only one light comes on	2. HEAD Fuse	(BE-11)
·	3. Wire Harness	
	1. Headlight Bulb	
'Lo-Beam" does not light up	2. Dimmer Switch	(BE-21)
	3. Wire Harness	
	1. Headlight Bulb	
"Hi-Beam" does not light up	2. Dimmer Switch	(BE-21)
	3. Wire Harness	
	Headlight Bulb	
"Flash" does not light up	2. Dimmer Switch	(BE-21)
	3. Wire Harness	
Only one Taillight good out or door act light are	1. Taillight Bulb	
Only one Taillight goes out or does not light up	2. Wire Harness	
	1. Taillight Bulb	
	2. TAIL Fuse	(BE-11)
Rear Combination light does not light up	3. Taillight Control Relay	(BE-22)
	4. Wire Harness	

#### **CANADA**

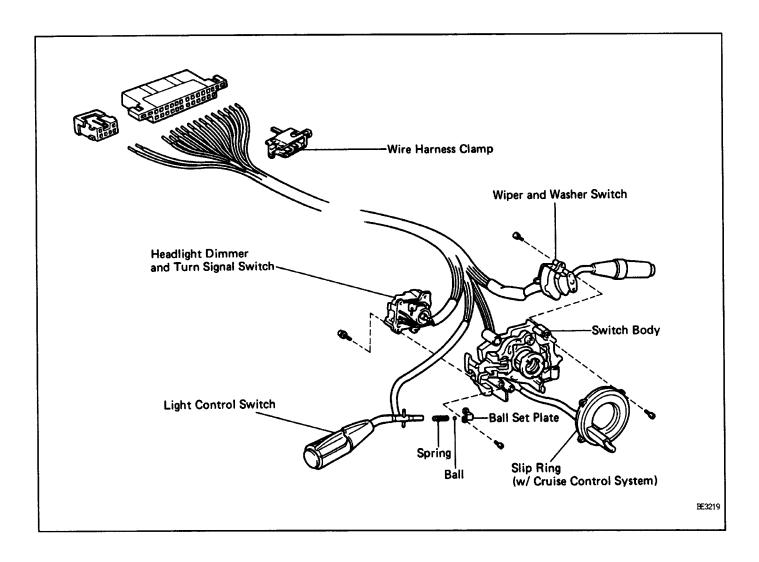
1. Headlight Bubb   2. Headlight Cutrol Relay   (8E-21)   3. Daytime Running Light Relay   (8E-21)   4. Dimmer Switch   (8E-21)   4. Dimmer Switch   (8E-21)   5. Headlight Dimmer Relay   (8E-24)   7. Daytime Resistor   (8E-22)   8. Light Control Switch   (8E-21)   9. Wire Harness   (8E-21)   1. Taillight does not light up   (8E-21)   (Headlight is normal)   (8E-22)   7. Daytime Relay   (8E-22)   7. Taillight does not light up   (8E-22)   1. Taillight Gubb   (8E-22)   2. TAIL Fuse   (8E-11)   3. Taillight Control Relay   (8E-22)   6. Light Control Switch   (8E-21)   7. Wire Harness   (8E-21)   8. Light Control Switch   (8E-21)   8. Light Control Switch   (8E-21)   9. Wire Harness   (8E-11)   1. Bulbs   (8E-21)   1. Bulbs   (8E-21)   1. Taillight Control Relay   (8E-22)   1. Taillight Control Switch   (8E-21)   1. Taillight Control Switch   (8E-21	Trouble	Parts name	(See page)
Headlight does not light up (Taillight is normal)		1. Headlight Bulb	
Headlight does not light up (Taillight is normal)		2. Headlight Control Relay	(BE-21)
Headlight does not light up (17ailight is normal)		3. Daytime Running Light Relay	(BE-23)
(Taillight is normal)  (Taillight is normal)  (Taillight is normal)  (Taillight is normal)  (Taillight ocntrol Switch (BE-24) (Taillight does not light up  (Headlight is normal)  (Headlight is normal is no		4. Dimmer Switch	(BE-21)
1. Daytime Resistor   (BE-24)		5. Headlight Dimmer Relay	(BE-22)
B. Light Control Switch   BE-21)   9. Wire Harmess	(Taillight is normal)	6. Daytime Running Light No.4 Relay	(BE-24)
1. Taillight Bulb		7. Daytime Resistor	(BE-25)
1. Taillight Bulb		8. Light Control Switch	(BE-21)
2. TAIL Fuse   (BE-11)		9. Wire Harness	
2. TAIL Fuse   (BE-11)		1. Taillight Bulb	
Taillight does not light up (Headlight is normal)		_	(BF-11)
Tailight does not light up   4. Daytime Running Light Relay (BE-23)		ļ	
S. Light Control Switch (BE-21)			
6. Integration Relay	(Headlight is normal)	1	
7. Wire Harness  1. Bulbs 2. TAIL Fuse (BE-11) 3. Headlight Control Relay (BE-21) 4. Taillight Control Relay (BE-22) 5. Daytime Running Light Relay (BE-23) 6. Dimmer Switch (BE-21) 7. Headlight Dimmer Relay (BE-21) 8. Light Control Switch (BE-21) 9. Daytime Running Light No. 4 Relay (BE-24) 10. Daytime Resistor (BE-25) 11. Integration Relay (BE-55) 12. Wire Harness  Only one light comes on  1. Bulbs 2. Wire Harness  1. Headlight Bulb 2. HEAD Fuse (BE-11) 3. Headlight Dimmer Relay (BE-22) 4. Dimmer Switch (BE-21) 5. Daytime Running Light No. 4 Relay (BE-23) 6. Daytime Running Light Relay (BE-23) 6. Daytime Running Light No. 4 Relay (BE-24) 7. Daytime Resistor (BE-21) 8. Wire Harness  1. Headlight Bulb 2. HEAD Fuse (BE-11) 5. Daytime Running Light No. 4 Relay (BE-23) 6. Daytime Running Light No. 4 Relay (BE-25) 8. Wire Harness  1. Headlight Dimmer Relay (BE-26) 9. Daytime Running Light Relay (BE-26) 9. Daytime Running Light Relay (BE-27) 9. Daytime Running Light Relay (BE			-
1. Bulbs   2. TAIL Fuse   (BE-11)   3. Headlight Control Relay   (BE-22)   4. Taillight Control Relay   (BE-22)   5. Daytime Running Light Relay   (BE-23)   6. Dirmer Switch   (BE-21)   7. Headlight Dimmer Relay   (BE-24)   7. Headlight Dimmer Relay   (BE-24)   9. Daytime Running Light No.4 Relay   (BE-24)   10. Daytime Resistor   (BE-25)   11. Integration Relay   (BE-25)   12. Wire Harness   1. Bulbs   2. Wire Harness   1. Headlight Bulb   2. HEAD Fuse   (BE-11)   3. Headlight Dimmer Relay   (BE-24)   4. Dimmer Switch   (BE-21)   5. Daytime Running Light Relay   (BE-24)   7. Daytime Resistor   (BE-25)   8. Wire Harness   1. Headlight Bulb   1. Daytime Resistor   (BE-25)   8. Wire Harness   1. Headlight Bulb   1. Daytime Resistor   (BE-25)   8. Wire Harness   1. Headlight Bulb   1. Daytime Resistor   (BE-25)   8. Wire Harness   1. Headlight Bulb   2. HEAD Fuse   (BE-11)   8. Wire Harness   1. Headlight Bulb   2. HEAD Fuse   (BE-11)   8. Wire Harness   1. Headlight Bulb   2. HEAD Fuse   (BE-21)   8. Wire Harness   1. Headlight Bulb   2. HEAD Fuse   (BE-21)   8. Wire Harness   1. Headlight Bulb   2. HEAD Fuse   (BE-21)   8. Wire Harness   1. Headlight Bulb   2. HEAD Fuse   (BE-21)   8. Wire Harness   1. Headlight Bulb   2. HEAD Fuse   (BE-21)   8. Wire Harness   1. Headlight Bulb   3. Headlight Dimmer Relay   (BE-22)   4. Dimmer Switch   (BE-21)   6. Daytime Running Light No.4 Relay   (BE-22)   6. Daytime Running Light No.4 Relay   (BE-23)   6. Daytime Running Light No.4 Relay   (BE-24)   7. Daytime Resistor   (BE-25)   7. Daytime Resistor			(DL 00)
2. TAIL Fuse   (BE-11)     3. Headlight Control Relay   (BE-21)     4. Taillight Control Relay   (BE-21)     4. Taillight Control Relay   (BE-23)     5. Daytime Running Light Relay   (BE-23)     6. Dimmer Switch   (BE-21)     7. Headlight Dimmer Relay   (BE-22)     8. Light Control Switch   (BE-21)     9. Daytime Renning Light No.4 Relay   (BE-24)     10. Daytime Resistor   (BE-25)     11. Integration Relay   (BE-25)     12. Wire Harness     1. Headlight Bulb     2. HEAD Fuse   (BE-11)     3. Headlight Dimmer Relay   (BE-22)     4. Dimmer Switch   (BE-21)     5. Daytime Running Light Relay   (BE-23)     6. Daytime Resistor   (BE-25)     8. Wire Harness     1. Headlight Bulb     2. HEAD Fuse   (BE-21)     5. Daytime Running Light No.4 Relay   (BE-24)     7. Daytime Resistor   (BE-25)     8. Wire Harness     1. Headlight Bulb     2. HEAD Fuse   (BE-11)     3. Headlight Dimmer Relay   (BE-25)     8. Wire Harness   (BE-21)     9. Daytime Running Light Relay   (BE-26)     9. Daytime Running Light Relay   (BE-21)     9. Daytime Running Light Relay   (BE-23)     9. Daytime Running Light Relay   (BE-24)     9. Daytime Running Light No.4 Relay   (BE-25)     9. Daytime Running Light Relay   (BE-25)     9. Daytime Running Light No.4 Relay   (BE-24)     9. Daytime Running Light No.4 Relay   (BE-25)     9. Daytime R			
A Headlight Control Relay   BE-21			(DE 44)
Headlight and Taillight does not light up			•
S. Daytime Running Light Relay (BE-23)		,	•
Headlight and Taillight does not light up   6. Dimmer Switch   (BE-21)     7. Headlight Dimmer Relay   (BE-22)     8. Light Control Switch   (BE-21)     9. Daytime Running Light No.4 Relay   (BE-24)     10. Daytime Resistor   (BE-25)     11. Integration Relay   (BE-25)     12. Wire Harness     1. Bulbs       2. HEAD Fuse   (BE-11)     3. Headlight Bulb       4. Dimmer Switch   (BE-21)     5. Daytime Running Light No.4 Relay   (BE-23)     6. Daytime Running Light No.4 Relay   (BE-24)     7. Daytime Resistor   (BE-25)     8. Wire Harness   (BE-11)     9. Daytime Running Light No.4 Relay   (BE-24)     9. Daytime Running Light No.4 Relay   (BE-24)     9. Daytime Running Light No.4 Relay   (BE-25)     9. Daytime Running Light No.4 Relay   (BE-24)     9. Daytime Running Light No.4 Relay   (BE-25)     9. Daytime Running Light Relay   (BE-21)     9. Daytime Running Light No.4 Relay   (BE-23)     9. Daytime Running Light No.4 Relay   (BE-24)     9. Daytime Running Light No.4 Relay   (BE-25)     9. Daytime Running Light No.4 Relay   (BE-24)     9. Daytime Running Light No.4 Relay   (BE-25)     9. Daytime Running Light No.4 Relay   (BE-25)     9. Daytime Ru			
The Addight and Taillight does not light up   The Addight Dimmer Relay			
8. Light Control Switch (BE-21)   9. Daytime Running Light No.4 Relay (BE-24)   10. Daytime Resistor (BE-25)   11. Integration Relay (BE-55)   12. Wire Harness     1. Bulbs     2. Wire Harness     1. Headlight Bulb     2. HEAD Fuse (BE-11)   3. Headlight Dimmer Relay (BE-21)   4. Dimmer Switch (BE-21)   5. Daytime Running Light No.4 Relay (BE-23)   6. Daytime Running Light No.4 Relay (BE-25)   8. Wire Harness     1. Headlight Dimmer Relay (BE-21)   5. Daytime Running Light No.4 Relay (BE-24)   7. Daytime Resistor (BE-11)   8. Wire Harness     1. Headlight Bulb     2. HEAD Fuse (BE-11)   3. Headlight Dimmer Relay (BE-25)   8. Wire Harness     1. Headlight Dimmer Relay (BE-25)   8. Wire Harness     1. Headlight Dimmer Relay (BE-21)   9. Daytime Running Light Relay (BE-21)   9. Daytime Running Light Relay (BE-21)   9. Daytime Running Light Relay (BE-23)   9. Daytime Running Light No.4 Relay (BE-23)   9. Daytime Running Light No.4 Relay (BE-24)   9. Daytime Running Light No.4 Relay (BE-25)   9. Daytime Running Light Relay (BE-25	Headlight and Taillight does not light up		
9. Daytime Running Light No.4 Relay (BE-24)   10. Daytime Resistor (BE-25)   11. Integration Relay (BE-55)   12. Wire Harness    1 . Bulbs   2 . Wire Harness    1 . Headlight Bulb   2 . HEAD Fuse (BE-21)   3 . Headlight Dimmer Relay (BE-22)   4 . Dimmer Switch (BE-21)   5 . Daytime Running Light No.4 Relay (BE-23)   6 . Daytime Running Light Rulb (BE-25)   8 . Wire Harness    1 . Headlight Bulb (BE-24)   5 . Daytime Running Light No.4 Relay (BE-25)   8 . Wire Harness    1 . Headlight Bulb   2 . HEAD Fuse (BE-11)   3 . Headlight Dimmer Relay (BE-25)   8 . Wire Harness    1 . Headlight Bulb   2 . HEAD Fuse (BE-11)   3 . Headlight Dimmer Relay (BE-22)   4 . Dimmer Switch (BE-21)   5 . Daytime Running Light Relay (BE-22)   6 . Daytime Running Light Relay (BE-23)   7 . Daytime Running Light No.4 Relay (BE-24)   7 . Daytime Resistor (BE-25)			
10. Daytime Resistor			
11. Integration Relay			
12. Wire Harness		-	
1. Bulbs		,	(BE-55)
2. Wire Harness   2. Wire Harness   1. Headlight Bulb   2. HEAD Fuse   (BE-11)   3. Headlight Dimmer Relay   (BE-22)   4. Dimmer Switch   (BE-21)   5. Daytime Running Light Relay   (BE-23)   6. Daytime Running Light No.4 Relay   (BE-24)   7. Daytime Resistor   (BE-25)   8. Wire Harness   1. Headlight Bulb   2. HEAD Fuse   (BE-11)   3. Headlight Dimmer Relay   (BE-22)   4. Dimmer Switch   (BE-21)   5. Daytime Running Light Relay   (BE-22)   4. Dimmer Switch   (BE-21)   5. Daytime Running Light Relay   (BE-23)   6. Daytime Running Light No.4 Relay   (BE-24)   7. Daytime Resistor   (BE-25)			
1. Headlight Bulb   2. HEAD Fuse   (BE-11)   3. Headlight Dimmer Relay   (BE-22)   4. Dimmer Switch   (BE-21)   5. Daytime Running Light Relay   (BE-23)   6. Daytime Resistor   (BE-24)   7. Daytime Resistor   (BE-25)   8. Wire Harness   1. Headlight Bulb   2. HEAD Fuse   (BE-11)   3. Headlight Dimmer Relay   (BE-22)   4. Dimmer Switch   (BE-21)   5. Daytime Running Light Relay   (BE-22)   4. Dimmer Switch   (BE-21)   5. Daytime Running Light Relay   (BE-23)   6. Daytime Running Light Relay   (BE-23)   6. Daytime Running Light No.4 Relay   (BE-24)   7. Daytime Resistor   (BE-25)   8. Wire Running Light No.4 Relay   (BE-24)   7. Daytime Resistor   (BE-25)   8. Wire Running Light No.4 Relay   (BE-24)   7. Daytime Resistor   (BE-25)   8. Wire Running Light No.4 Relay   (BE-24)   7. Daytime Resistor   (BE-25)   8. Wire Harness   (BE-24)   7. Daytime Resistor   (BE-25)   8. Wire Harness   (BE-24)   7. Daytime Resistor   (BE-25)   8. Wire Harness   (BE-26)   8. Wire Harnes	Only one light comes on		
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3. Headlight Dimmer Relay (BE-22) 4. Dimmer Switch (BE-21) 5. Daytime Running Light Relay (BE-23) 6. Daytime Running Light No.4 Relay (BE-24) 7. Daytime Resistor (BE-25) 8. Wire Harness  1. Headlight Bulb 2. HEAD Fuse (BE-11) 3. Headlight Dimmer Relay (BE-22) 4. Dimmer Switch (BE-22) 4. Dimmer Switch (BE-21) 5. Daytime Running Light Relay (BE-22) 6. Daytime Running Light Relay (BE-23) 6. Daytime Running Light No.4 Relay (BE-24) 7. Daytime Resistor (BE-25)		1. Headlight Bulb	
"Lo-Beam" does not light up       4. Dimmer Switch       (BE-21)         5. Daytime Running Light Relay       (BE-23)         6. Daytime Running Light No.4 Relay       (BE-24)         7. Daytime Resistor       (BE-25)         8. Wire Harness       1. Headlight Bulb         2. HEAD Fuse       (BE-11)         3. Headlight Dimmer Relay       (BE-22)         4. Dimmer Switch       (BE-21)         5. Daytime Running Light Relay       (BE-23)         6. Daytime Running Light No.4 Relay       (BE-24)         7. Daytime Resistor       (BE-25)		2. HEAD Fuse	(BE-11)
"Lo-Beam" does not light up  5. Daytime Running Light Relay 6. Daytime Resistor 7. Daytime Resistor 8. Wire Harness  1. Headlight Bulb 2. HEAD Fuse 3. Headlight Dimmer Relay 4. Dimmer Switch 5. Daytime Running Light Relay (BE-25)  8. Wire Harness  1. Headlight Bulb 2. HEAD Fuse 3. Headlight Dimmer Relay (BE-22) 4. Dimmer Switch 5. Daytime Running Light Relay (BE-21) 5. Daytime Running Light Relay (BE-23) 6. Daytime Running Light No.4 Relay (BE-24) 7. Daytime Resistor (BE-25)		3. Headlight Dimmer Relay	(BE-22)
S. Daytime Running Light Relay   (BE-23)	"I o_Ream" does not light un		(BE-21)
7. Daytime Resistor  8. Wire Harness  1. Headlight Bulb  2. HEAD Fuse  3. Headlight Dimmer Relay  4. Dimmer Switch  5. Daytime Running Light Relay  (BE-21)  5. Daytime Running Light No.4 Relay  (BE-24)  7. Daytime Resistor  (BE-25)	Lo Beam does not light up		(BE-23)
8. Wire Harness  1. Headlight Bulb 2. HEAD Fuse (BE-11) 3. Headlight Dimmer Relay (BE-22) 4. Dimmer Switch (BE-21) 5. Daytime Running Light Relay (BE-23) 6. Daytime Running Light No.4 Relay (BE-24) 7. Daytime Resistor (BE-25)		, , , , , ,	(BE-24)
1. Headlight Bulb   2. HEAD Fuse   (BE-11)   3. Headlight Dimmer Relay   (BE-22)   4. Dimmer Switch   (BE-21)   5. Daytime Running Light Relay   (BE-23)   6. Daytime Running Light No.4 Relay   (BE-24)   7. Daytime Resistor   (BE-25)		7. Daytime Resistor	(BE-25)
2. HEAD Fuse (BE-11) 3. Headlight Dimmer Relay (BE-22) 4. Dimmer Switch (BE-21) 5. Daytime Running Light Relay (BE-23) 6. Daytime Running Light No.4 Relay (BE-24) 7. Daytime Resistor (BE-25)		8. Wire Harness	
3. Headlight Dimmer Relay (BE-22) 4. Dimmer Switch (BE-21) 5. Daytime Running Light Relay (BE-23) 6. Daytime Running Light No.4 Relay (BE-24) 7. Daytime Resistor (BE-25)		1. Headlight Bulb	
"Hi–Beam" does not light up  3. Headlight Dimmer Relay 4. Dimmer Switch 5. Daytime Running Light Relay 6. Daytime Running Light No.4 Relay 7. Daytime Resistor  (BE–22) (BE–23) (BE–24)		2. HEAD Fuse	(BE-11)
"Hi–Beam" does not light up  4. Dimmer Switch 5. Daytime Running Light Relay 6. Daytime Running Light No.4 Relay 7. Daytime Resistor  (BE–21)  Daytime Resistor  (BE–24)		3. Headlight Dimmer Relay	(BE-22)
5. Daytime Running Light Relay (BE–23) 6. Daytime Running Light No.4 Relay (BE–24) 7. Daytime Resistor (BE–25)	W.E. Danner, dans a contribute	4. Dimmer Switch	
6. Daytime Running Light No.4 Relay (BE–24) 7. Daytime Resistor (BE–25)	⊓⊫beam" does not light up	5. Daytime Running Light Relay	
7. Daytime Resistor (BE–25)		6. Daytime Running Light No.4 Relay	-
		7. Daytime Resistor	· · · · · · · · · · · · · · · · · · ·
		8. Wire Harness	•

Trouble	Parts name	(See page)
	1. Headlight Bulb	
	2. HEAD Fuse	(BE-11)
	3. Headlight Dimmer Relay	(BE-22)
77511-77 de	4. Dimmer Switch	(BE-21)
"Flash" does not light up	5. Daytime Running Light Relay	(BE-22)
	6. Daytime Running Light No.4 Relay	(BE-24)
	7. Daytime Resistor	(BE-25)
	8. Wire Harness	
Only and Taillight and a set on the set of light and	1. Taillight Bulb	
Only one Taillight goes out or does not light up	2. Wire Harness	
	1. Taillight Bulb	
Door Combination light door not light up	2. TAIL Fuse	(BE-11)
Rear Combination light does not light up	3. Taillight Control Relay	(BE-22)
	4. Wire Harness	
	1. DOME Fuse	
	2. GAUGE Fuse	(BE-11)
	3. IGN Fuse	(BE-11)
	4. HEAD Fuse	(BE-11)
	5. TAIL Fuse	(BE-11)
Daytime Running Light system does not operate	6. Headlight Control Relay	(BE-21)
	7. Taillight Control Relay	(BE-22)
	8. Dimmer Relay	(BE-21)
	9. Ignition Switch	(BE-12)
	10. Light Control/ Dimmer Switch	(BE-21)
	11. Wire Harness	

### **HEADLIGHT AIMING ADJUSTMENT**



### **COMPONENTS**



# COMBINATION SWITCH DISASSEMBLY

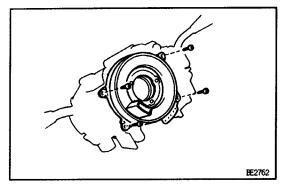
NOTICE: w/ Cruise Control System
To prevent damage to the slip ring when removing
the steering wheel, be careful of the following
points.

- 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

#### 2. REMOVE TERMINALS FROM CONNECTOR

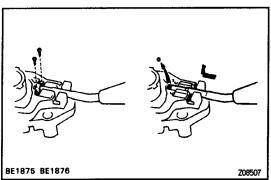
- (a) From the open end, insert a miniature screwdriver between the locking lug and terminal.
- (b) Pry down the locking lug with the screwdriver and pull the terminal out from the rear.



BE3220

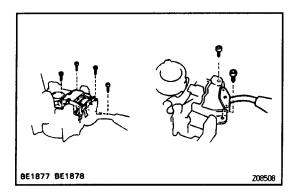
## 3. w/ Cruise Control System: REMOVE SLIP RING

Remove the 4 screws and the slip ring from the switch body.



#### 4. REMOVE LIGHT CONTROL SWITCH

- (a) Remove the 2 screws and the ball set plate from the switch
- (b) Remove the ball and slide out the switch from the switch body with the spring.

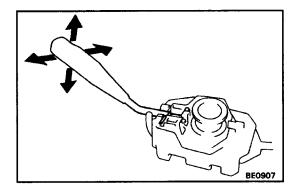


## 5. REMOVE HEADLIGHT DIMMER AND TURN SIGNAL SWITCH

Remove the 4 screws and the switch from the switch body.

#### 6. REMOVE WIPER AND WASHER SWITCH

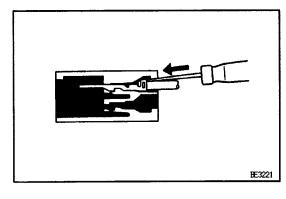
Remove the 2 screws and the switch from the switch body.



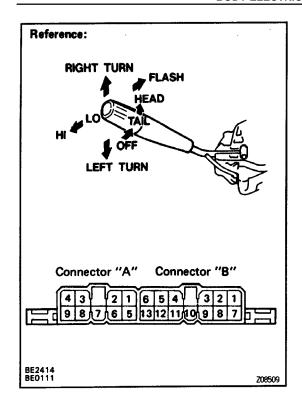
## **COMBINATION SWITCH ASSEMBLY INSTALL PARTS OF COMBINATION SWITCH IN REVERSE SEQUENCE OF REMOVAL**

HINT:

• After installing the light control switch to the switch body, ensure that the switch operation is smoothly.



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



### **COMBINATION SWITCH INSPECTION**

#### 1. INSPECT LIGHT CONTROL SWITCH CONTINUITY

Switch position	Tester connection to terminal number	Specified condition
OFF	-	No continuity
TAIL	B10 - B11	Continuity
HEAD	B10 - B11 - B4	Continuity

If continuity is not as specified, replace the switch.

#### 2. INSPECT HEADLIGHT DIMMER SWITCH CONTINUITY

Switch position	Tester connection to terminal number	Specified condition
Low beam	B6 - B13	Continuity
High beam	B5 — B13	Continuity
Flash	B5 - B12 - B13	Continuity

If continuity is not as specified, replace the switch.

### **TURN SIGNAL SWITCH INSPECTION**

#### **INSPECT TURN SIGNAL SWITCH CONTINUITY**

Switch position	Tester connection to terminal number	Specified condition
Left turn	B3 - B9	Continuity
Neutral	-	No continuity
Right turn	B3 - B8	Continuity

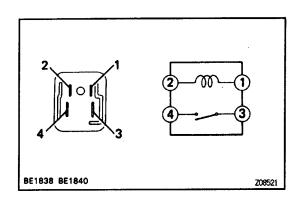
If continuity is not as specified, replace the switch.

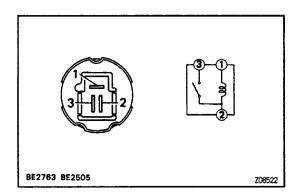
# HEADLIGHT CONTROL RELAY INSPECTION

#### INSPECT HEADLIGHT CONTROL RELAY CONTINUITY

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

If continuity is not as specified, replace the relay.



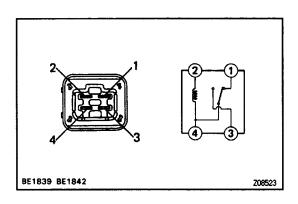


### TAILLIGHT CONTROL RELAY INSPECTION

#### **INSPECT TAILLIGHT CONTROL RELAY CONTINUITY**

Constant	1 – 2	Continuity
	terminal number	'
Condition	Tester connection to	Specified condition

If continuity is not as specified, replace the relay.

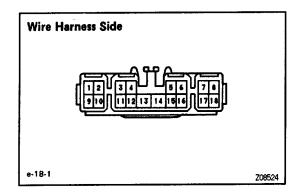


# HEADLIGHT DIMMER RELAY INSPECTION

#### **INSPECT HEADLIGHT DIMMER RELAY CONTINUITY**

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

If continuity is not as specified, replace the relay.



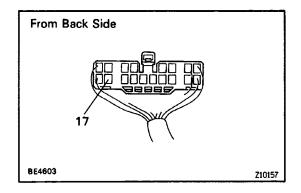
# DAYTIME RUNNING LIGHT RELAY INSPECTION

#### **INSPECT DAYTIME RUNNING LIGHT 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 condition
5 — Ground	Light control switch position OFF or TAIL	No continuity
5 — Ground	Light control switch position HEAD	Continuity
- 0 1	Headlight dimmer switch position	No continuity
7 — Ground	Low beam or High beam	NO CONTINUITY
7 — Ground	Headlight dimmer switch position Flash	Continuity
0.0	Parking brake switch position OFF	No continuity
8 — Ground	(Parking brake lever released)	NO CONTINUITY
	Parking brake switch position ON	Candinuity
8 — Ground	(Parking brake lever Pulled up)	Continuity
12 — Ground	Constant	Continuity
13 — Ground	Constant	Continuity
16 - Ground	Headlight dimmer switch position	No continuity
16 – Ground	Low beam	No continuity
16 — Ground	Headlight dimmer switch position	Continuity
16 - Ground	High beam or Flash	Continuity
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 not as specified, perform the inspection on the following page.



#### **Connector connected**

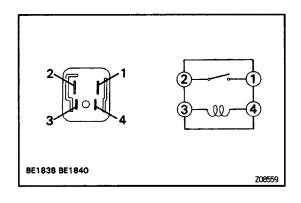
Connect the wire harness side connector to the relay and inspect wire harness side connector from the back side, as shown.

Tester connection to terminal number	Condition	Specified condition
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 not as specified, replace the relay.

## PARKING BRAKE SWITCH INSPECTION

See pegs BE-53

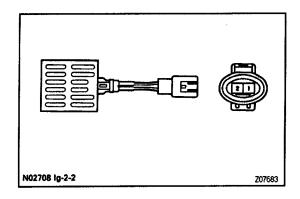


# DAYTIME RUNNING LIGHT RELAY NO.4 INSPECTION

## INSPECT DAYTIME RUNNING LIGHT RELAY NO.4 CONTINUITY

Constant	terminal number 3 - 4	Continuity
Apply B+ between terminals 3 and 4.	1 — 2	Continuity

If continuity is not as specified, replace the relay.

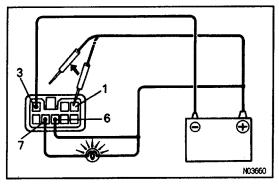


## DAYTIME RESISTOR INSPECTION

INSPECT DAYTIME RESISTOR CONTINUITY

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

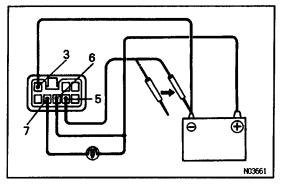
If continuity is not as specified, replace the resistor.



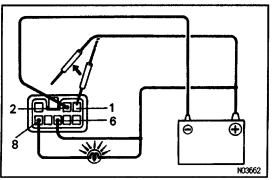
## HEADLIGHT RETAINER RELAY INSPECTION

INSPECT HEADLIGHT RETAINER RELAY OPERATION Headlight Circuit

- (a) Connect the positive (+) leads from the battery to terminals 1 and 6, and the negative (–) lead to terminal 3.
- (b) Connect the 3.4 W test bulb between terminal 7 and the positive (+) lead from the battery.

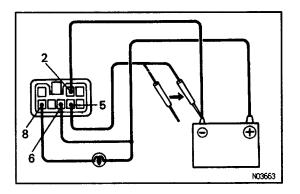


- (c) Disconnect the positive (+) lead from terminal 1, check that the test bulb is lighting.
- (d) Connect the negative (–) lead to terminal 5, check that the test bulb goes out.
  - If operation is not as specified, replace the relay.



#### **Taillight Circuit**

- (a) Connect the positive (+) leads from the battery to terminals 1 and 6, and the negative (-) lead to terminal 2.
- (b) Connect the 3.4 W test bulb between terminal 8 and the positive (+) lead from the battery.



- (c) Disconnect the positive (+) lead from terminal 1, check that the test bulb is lighting.
- (d) Connect the negative (–) lead to terminal 5, check that the test bulb goes out.If operation is not as specified, replace the relay.