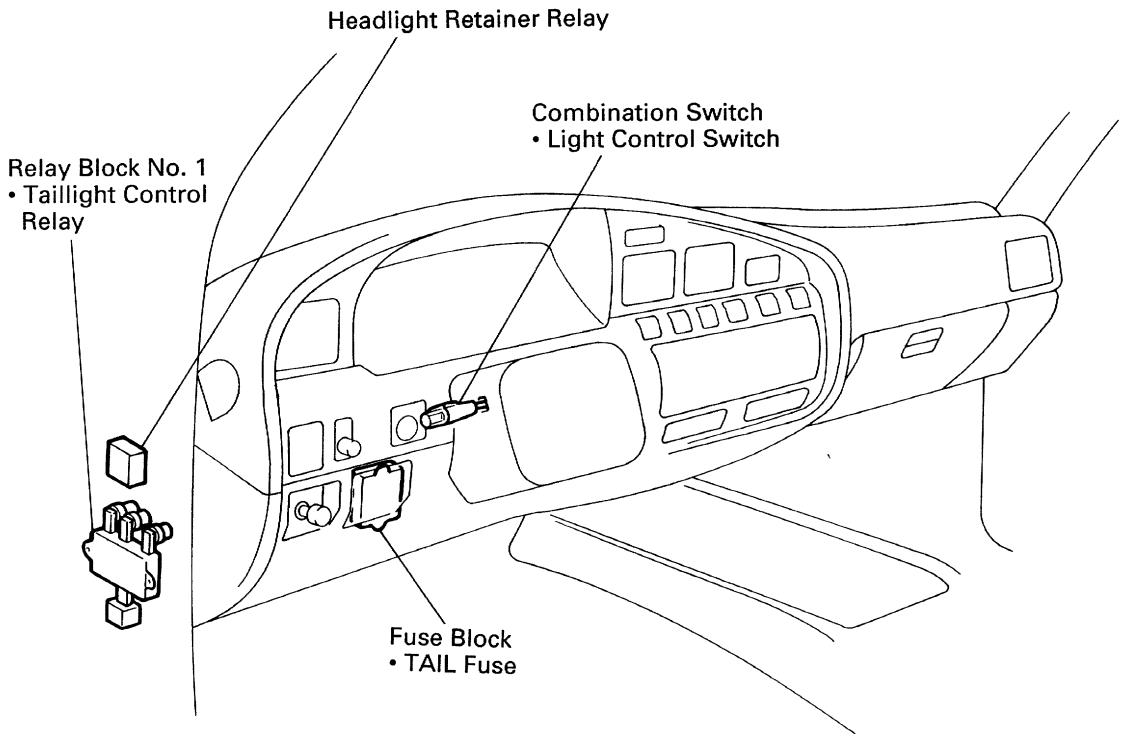
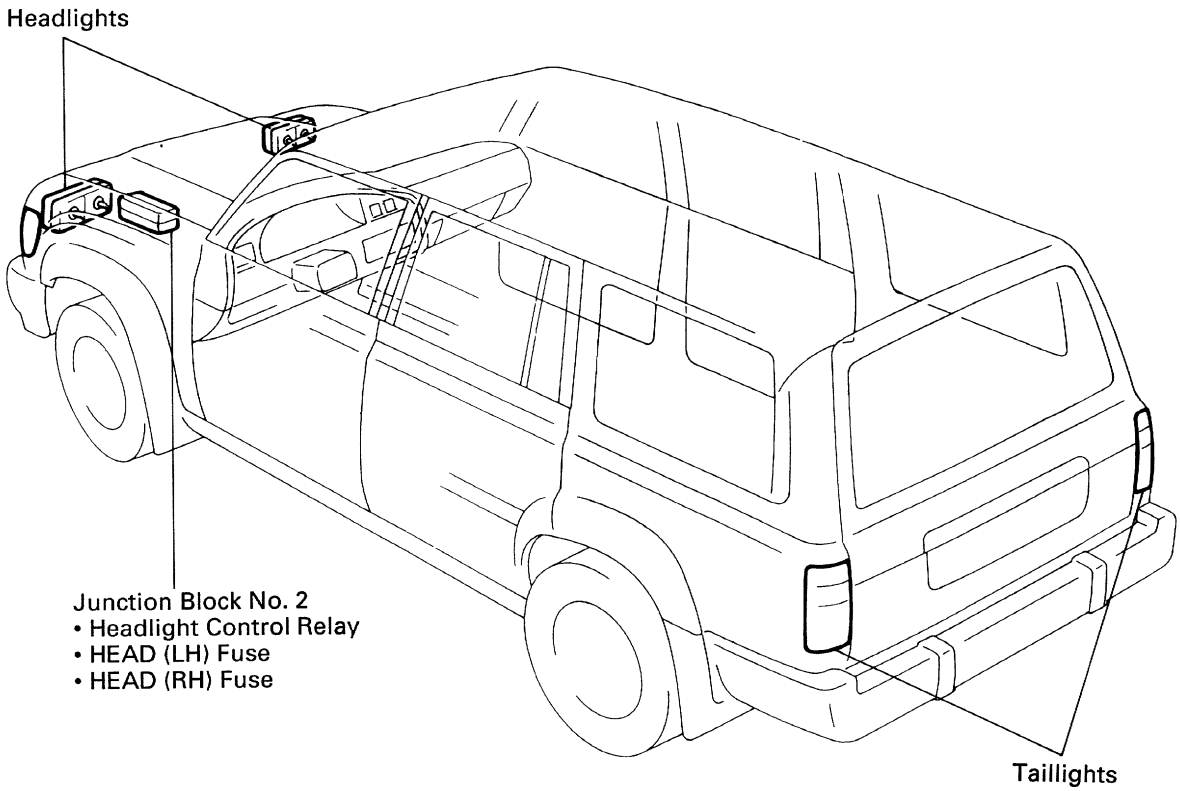
HEADLIGHT AND TAILLIGHT SYSTEM

PARTS LOCATION





N06177
N06178

TROUBLESHOOTING

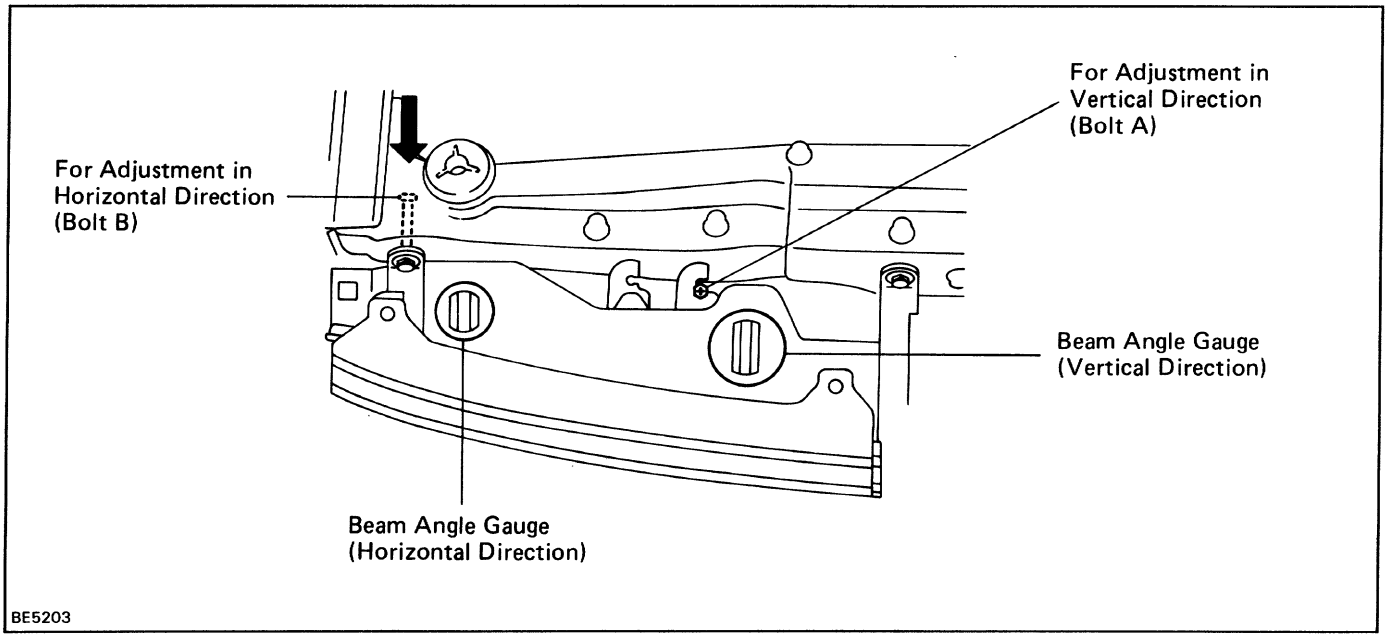
The table below will be useful for you in troubleshooting these electrical problems. The most likely causes of the malfunction are shown in the order of their probability. Inspect each part in the order shown, and replace the part when it is found to be faulty.

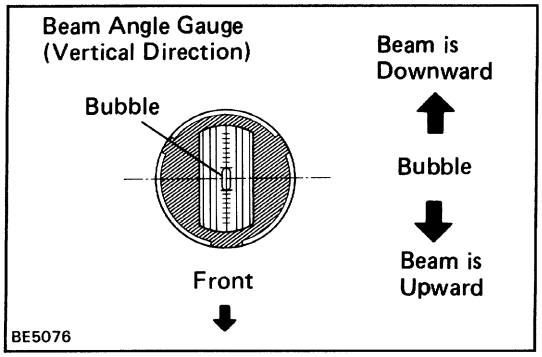
Trouble	Part name	See page
Headlight does not light up. (Taillight is normal.)	1. Headlight Bulb 2. MAIN FL 3. HEAD Fuse 4. Light Control Switch 5. Headlight Dimmer Switch 6. Wire Harness	– – BE–6, BE–10 BE–20 BE–20 –
Headlight does not light up. (Taillight does not light up.)	1. Headlight Bulb 2. Light Control Switch 3. Headlight Dimmer Switch 4. Wire Harness	– BE–20 BE–20 –
Only one light comes ON.	1. Headlight Bulb 2. HEAD Fuse 3. Wire Harness	– BE–6, BE–10 –
”LO–Beam” does not light up.	1. Headlight Bulb 2. Headlight Control Relay 3. Headlight Dimmer Switch 4. Wire Harness	– BE–20 BE–20 –
”Hi–Beam” does not light up.	1. Headlight Bulb 2. Headlight Control Relay 3. Headlight Dimmer Switch 4. Wire Harness	– BE–20 BE–20 –
”Flash” does not light up.	1. Headlight Bulb 2. Headlight Control Relay 3. Headlight Dimmer Switch 4. Wire Harness	– BE–20 BE–20 –
Taillight does not light up. (Headlight is normal.)	1. Taillight Bulb 2. TAIL Fuse 3. Light Control Switch 4. Taillight Control Relay 5. Wire Harness	– BE–6, BE–10 BE–20 BE–20 –
Taillight does not light up. (Headlight does not light up.)	1. Taillight Bulb 2. MAIN FL 3. TAIL Fuse 4. Light Control Switch 5. Wire Harness	– – BE–6, BE–10 BE–20 –

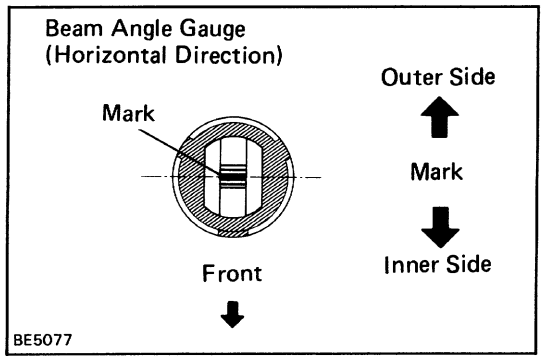
Trouble	Part name	See page
Only one light goes out of does not light up.	1. Taillight Bulb 2. Wire Harness	— —
Rear combination light does not light up.	1. Taillight Bulb 2. TAIL Fuse 3. Wire Harness	– BE–6, BE–10 –
Light auto–turn off system does not operate.	1. Light Retainer Relay 2. ECU–B Fuse 3. Taillight Control Relay 4. Wire Harness 5. Door Courtesy Switch (Driver's)	BE–21 BE–6, BE–10 BE–21 – BE–28

HEADLIGHT

ADJUSTMENT OF HEADLIGHT AIM







1. INSPECT HEADLIGHT AIM

Check the following items before inspection.

- Be sure that the body around the headlight is not deformed.
- Park the vehicle on a level spot.
- The driver gets into the driver's seat and puts the vehicle in a state ready for driving (with a full tank).
- Bounce the vehicle several times.

(Vertical Direction)

Check that the bubble of the gauge does not deviate from the center of the gauge.

(Horizontal Direction)

Check that the red mark does not deviate for the center of the gauge.

If the error is over the valve specified, adjust headlight aim.

2. ADJUST HEADLIGHT AIM

(Vertical Direction)

Turn the bolt A and adjust the bubble of angle gauge to center of the gauge.

HINT: The beam angle will change about 0°11' with one mark.

(Horizontal Direction)

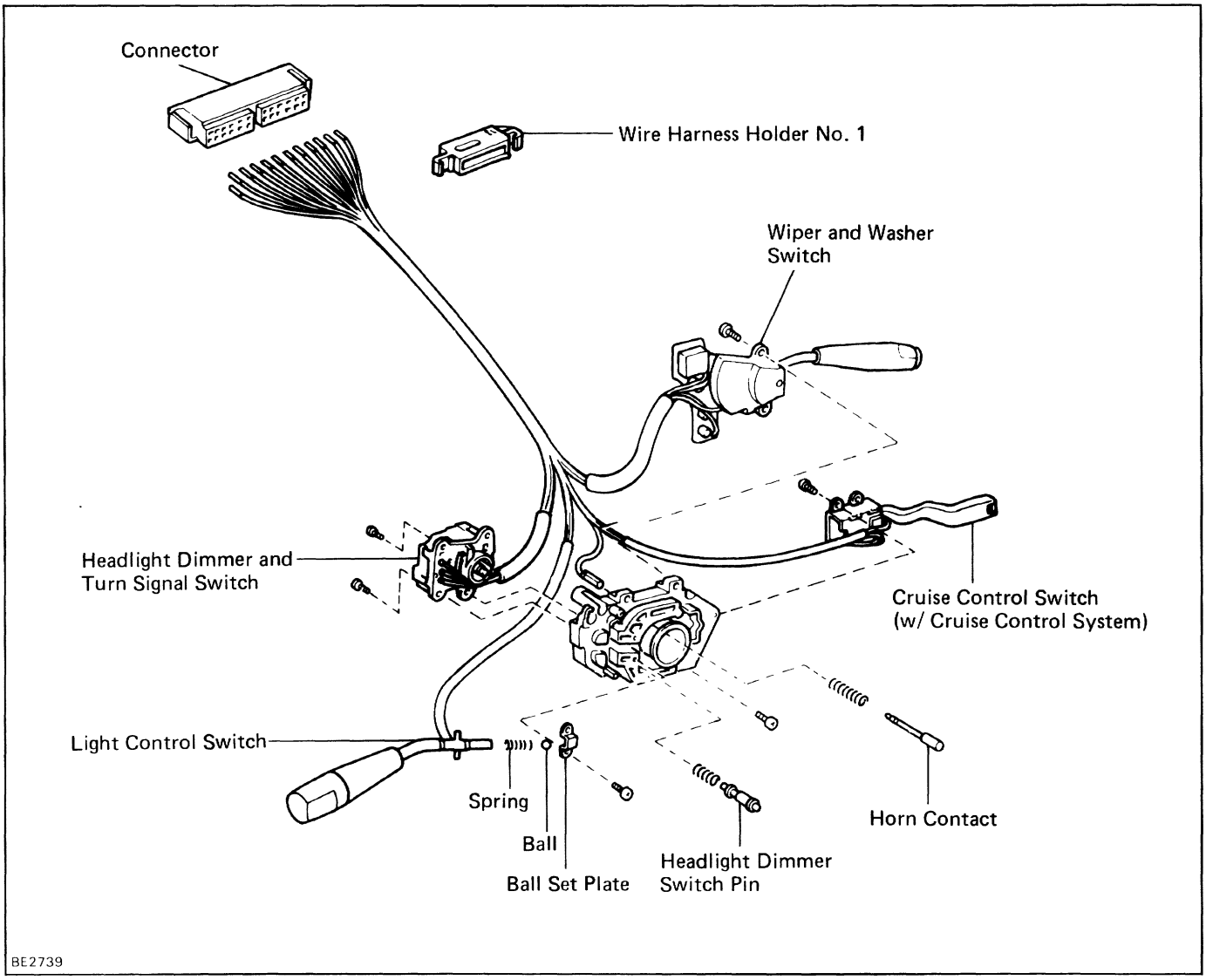
Turn the bolt B and adjust the mark of angle gauge to Center of the gauge.

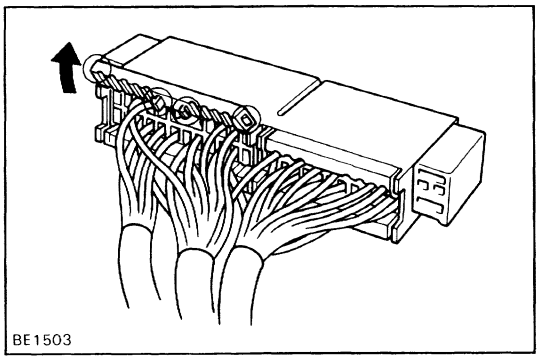
HINT: The beam angle will change about 0°23' with one mark.

NOTICE: The beam angle gauge should only be used when the headlights are correctly installed on the body.

COMBINATION SWITCH

COMPONENTS





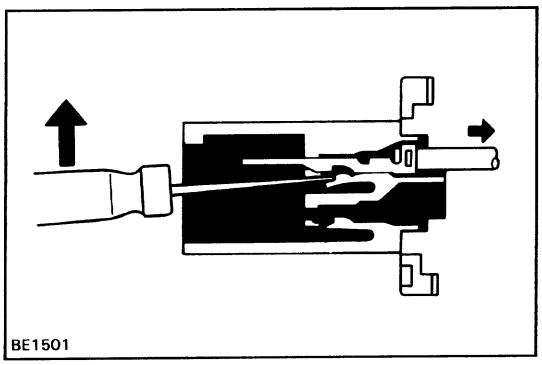
COMBINATION SWITCH DISASSEMBLY

1. REMOVE WIRE HARNESS CLAMP FROM WIRE HARNESS

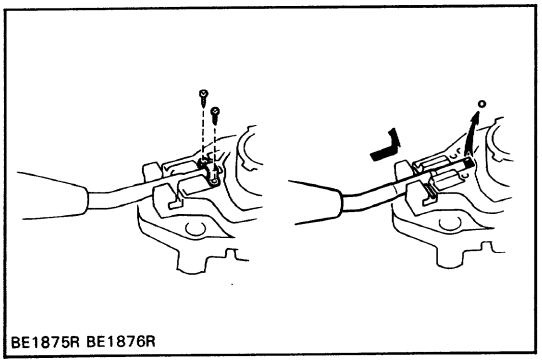
Pry loose two locking lugs and remove the clamp from the wire harness.

2. REMOVE TERMINALS FROM CONNECTOR

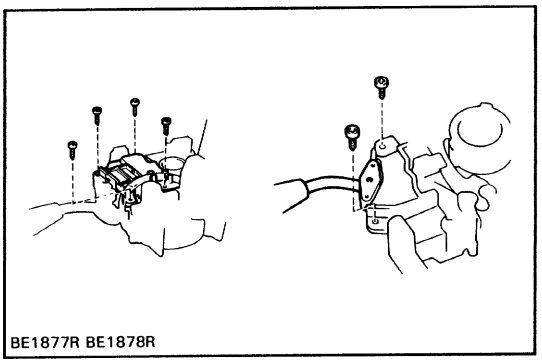
(a) Release four tabs and open the terminal cover.


BE1501

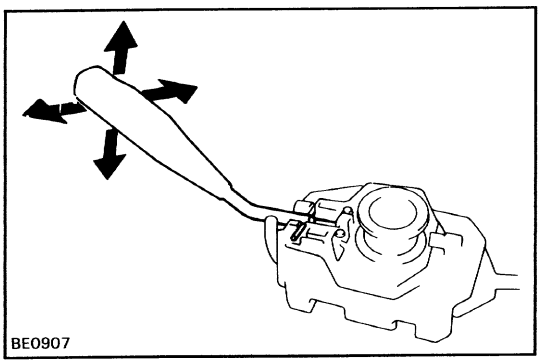
(b) From the open end, insert a miniature screwdriver between the locking lug and terminal.
(c) Pry down the locking lug with the screwdriver and pull the terminal out from the rear.


BE1875R BE1876R

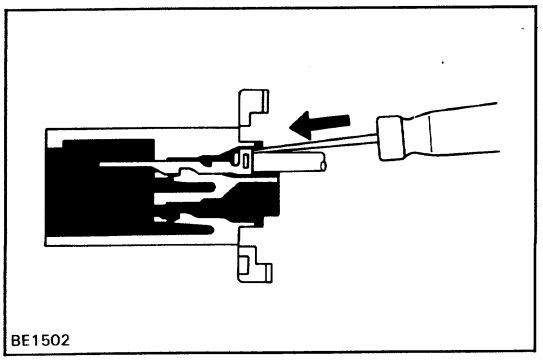
3. REMOVE LIGHT CONTROL SWITCH
(a) Remove two screws and the ball set plate from the switch body.
(b) Remove the ball and slide out the switch from the switch body with the spring.


BE1877R BE1878R

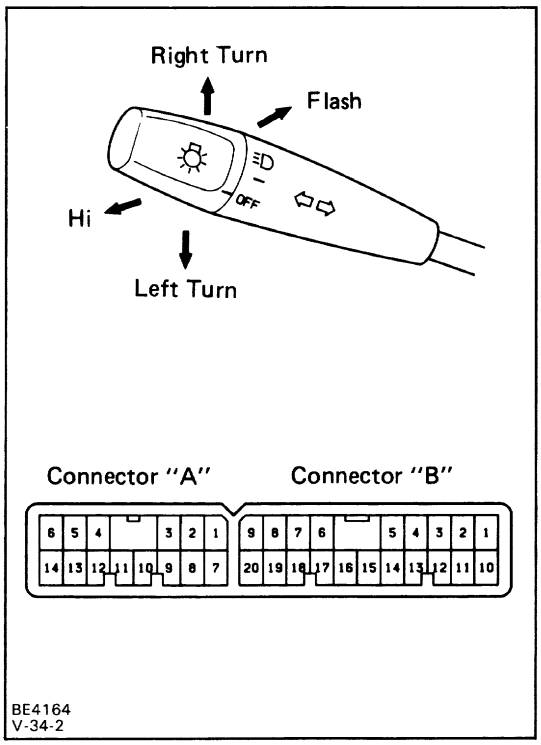
4. REMOVE HEADLIGHT DIMMER AND TURN SIGNAL SWITCH
Remove four screws and the switch from the switch body.
5. REMOVE WIPER AND WASHER SWITCH
Remove two screws and the switch from the switch body.


BE0907

COMBINATION SWITCH ASSEMBLY
INSTALL PARTS OF COMBINATION SWITCH IN REVERSE SEQUENCE OF REMOVAL
HINT:
- After installing the switch to the switch body, insert that the switch operates in smoothly.


BE1502

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



COMBINATION SWITCH INSPECTION
LIGHT CONTROL SWITCH/CONTINUITY

Terminal (Color) / Switch position	A2 (W)	A11 (W)	A13 (R)
OFF			
TAIL	○	○	
HEAD	○	○	○

HEADLIGHT DIMMER SWITCH ICONTINUITY

Terminal (Color) / Switch position	A3 (R-G)	A9 (W-B)	A12 (R-Y)	A14 (R-W)
Flash		○	○	○
Low beam	○	○		
High beam		○	○	

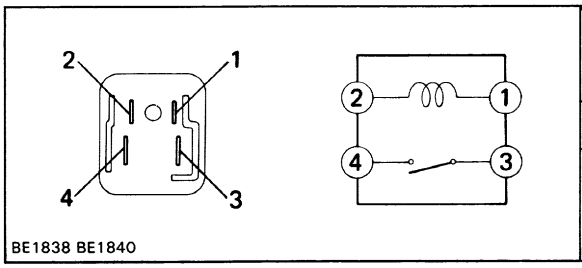
TURN SIGNAL SWITCH/CONTINUITY

Terminal (Color) / Switch position	A1 (G-W)	A5 (G-B)	A8 (G-Y)
Left turn	○	○	
Neutral			
Right turn	○		○

If continuity is not as specified, replace the switch.

HEADLIGHT CONTROL RELAY

HEADLIGHT CONTROL RELAY INSPECTION
CONTINUITY



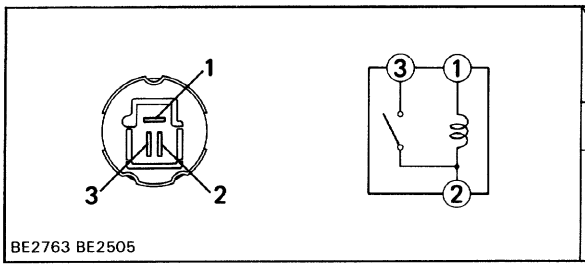
Terminal / Condition	1	2	3	4
Constant	○	○		
Apply battery positive voltage to terminals 1 and 2.			○	○

If continuity is not as specified, replace the relay.

TAILLIGHT CONTROL RELAY

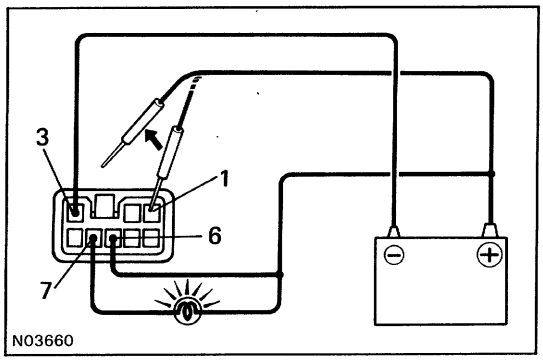
TAILLIGHT CONTROL RELAY INSPECTION

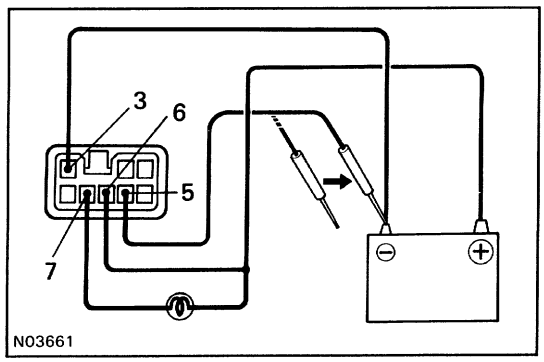
CONTINUITY



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 RETAINER RELAY

HEADLIGHT RETAINER RELAY INSPECTION

HEADLIGHT CIRCUIT OPERATION

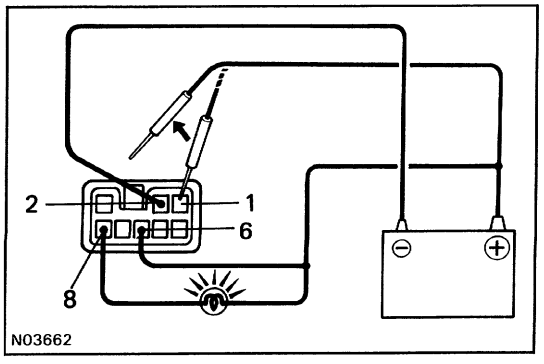
(a) Connect the positive (+) leads from the battery to terminals 1 and 6, and the negative (–) lead to terminal 3.

(b) Connect the 3.4 W test bulb between terminal 7 and the positive (+) lead from the battery.

(c) Disconnect the positive (+) lead from termnal 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.

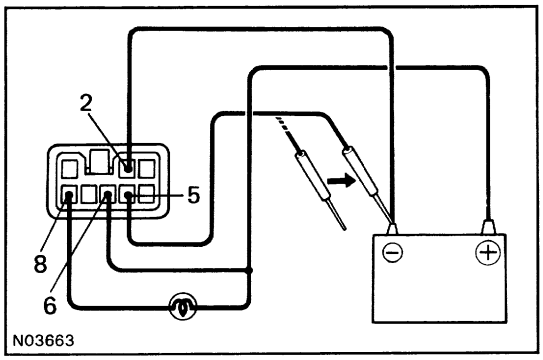


TAILLIGHT CIRCUIT OPERATION

(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.