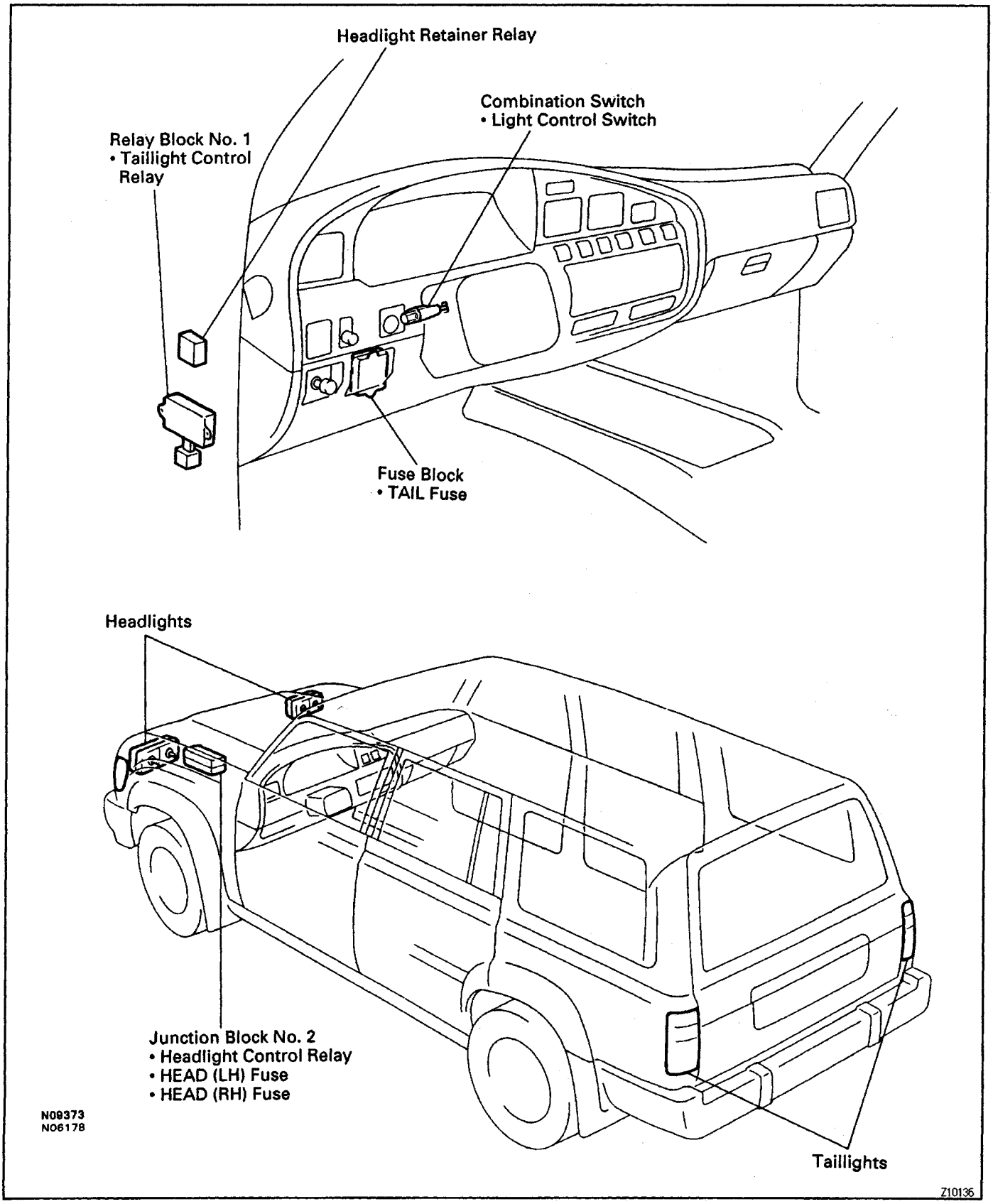
HEADLIGHT AND TAILLIGHT SYSTEM

PARTS LOCATION

BE0H8-02



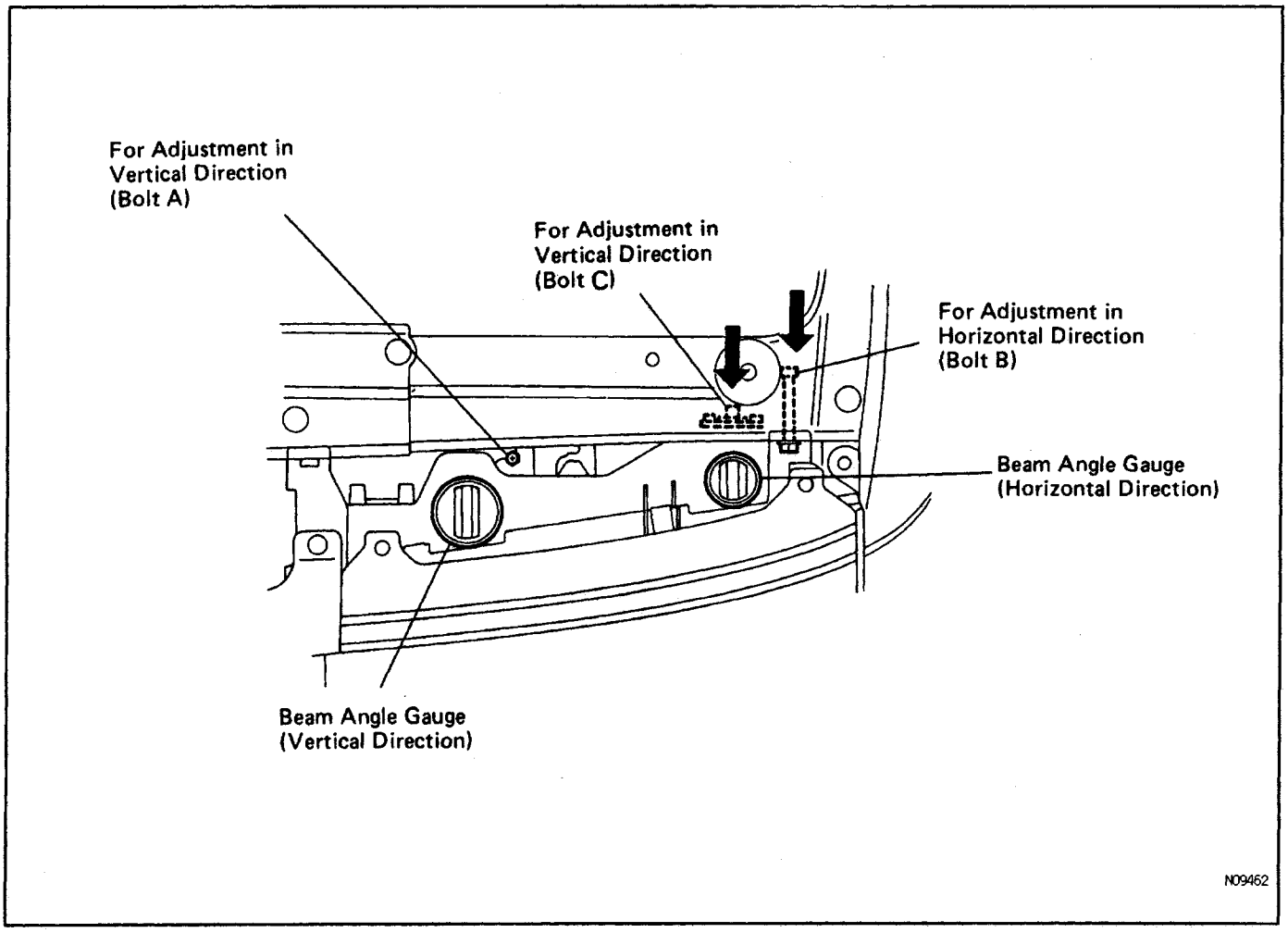
BE0HU-02

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	Parts 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-4) (BE-21) (BE-21)
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-21) (BE-21)
Only one light comes ON.	1. Headlight Bulb 2. HEAD Fuse 3. Wire Harness	 (BE-4)
”LO- Beam” does not light up.	1. Headlight Bulb 2. Headlight Control Relay 3. Headlight Dimmer Switch 4. Wire Harness	 (BE-22) (BE-21)
”Hi-Beam” does not light up.	1. Headlight Bulb 2. Headlight Control Relay 3. Headlight Dimmer Switch 4. Wire Harness	 (BE-22) (BE-21)
”Flash” does not light up.	1. Headlight Bulb 2. Headlight Control Relay 3. Headlight Dimmer Switch 4. Wire Harness	 (BE-22) (BE-21)
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-4) (BE-21) (BE-22)
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-4) (BE-21)

HEADLIGHT AIM ADJUSTMENT

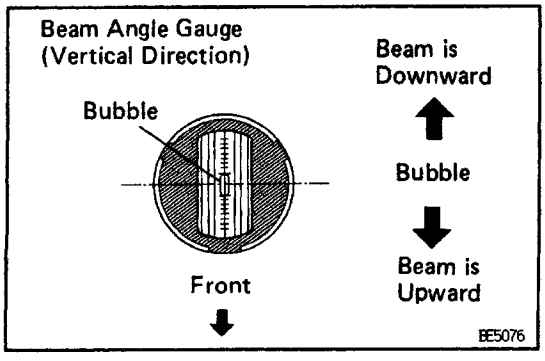


Adjusting headlight aim only

1. INSPECT HEADLIGHT AIM

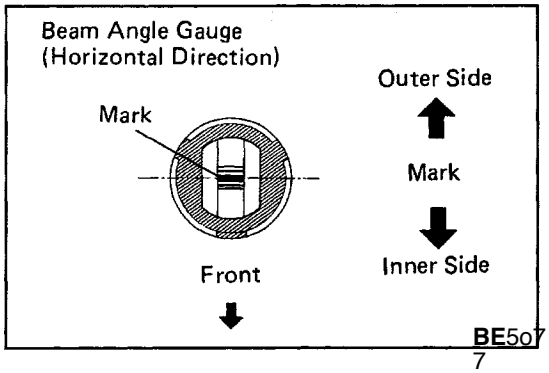
Do the following before inspection.

- Make sure 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.



2. ADJUST HEADLIGHT IN VERTICAL ALIGNMENT

If the bubble is outside the acceptable range of the beam angle gauge, adjust it using adjusting screw A.
HINT: The beam angle will change about 0° 11' with one mark.



3. ADJUST HEADLIGHT IN HORIZONTAL ALIGNMENT

If the "0" moves away from the mark beyond the acceptable range, adjust the "0" back to the mark using adjusting screw B.

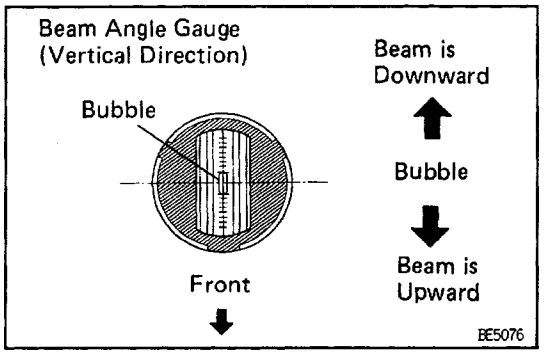
HINT: The beam angle will change about 0° 23' with one mark.

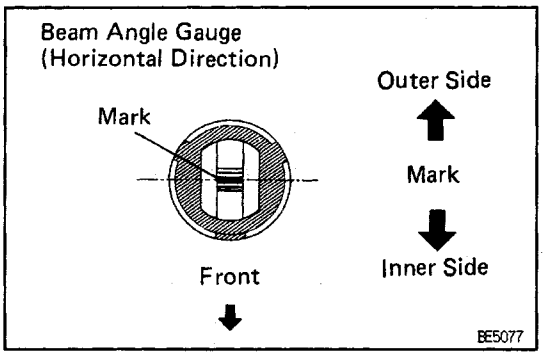
Replacing headlight

1. REPLACE HEADLIGHT

2. INSPECT HEADLIGHT AIM

- Do the following before inspection.
  Make sure 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 tan k).
- Bounce the vehicle several times.





3. ADJUST HEADLIGHT IN VERTICAL ALIGNMENT

(a) Using adjusting screw A, adjustment the headlight aim to within the specifications.

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

(b) Make sure the gauge bubble is within the acceptable range.

HINT:If the gauge bubble is outside the acceptable range, check that the vehicle is parked on a level spot. Readjust the headlight aim after parking the vehicle on a level spot.

4. ADJUST HEADLIGHT IN HORIZONTAL ALIGNMENT

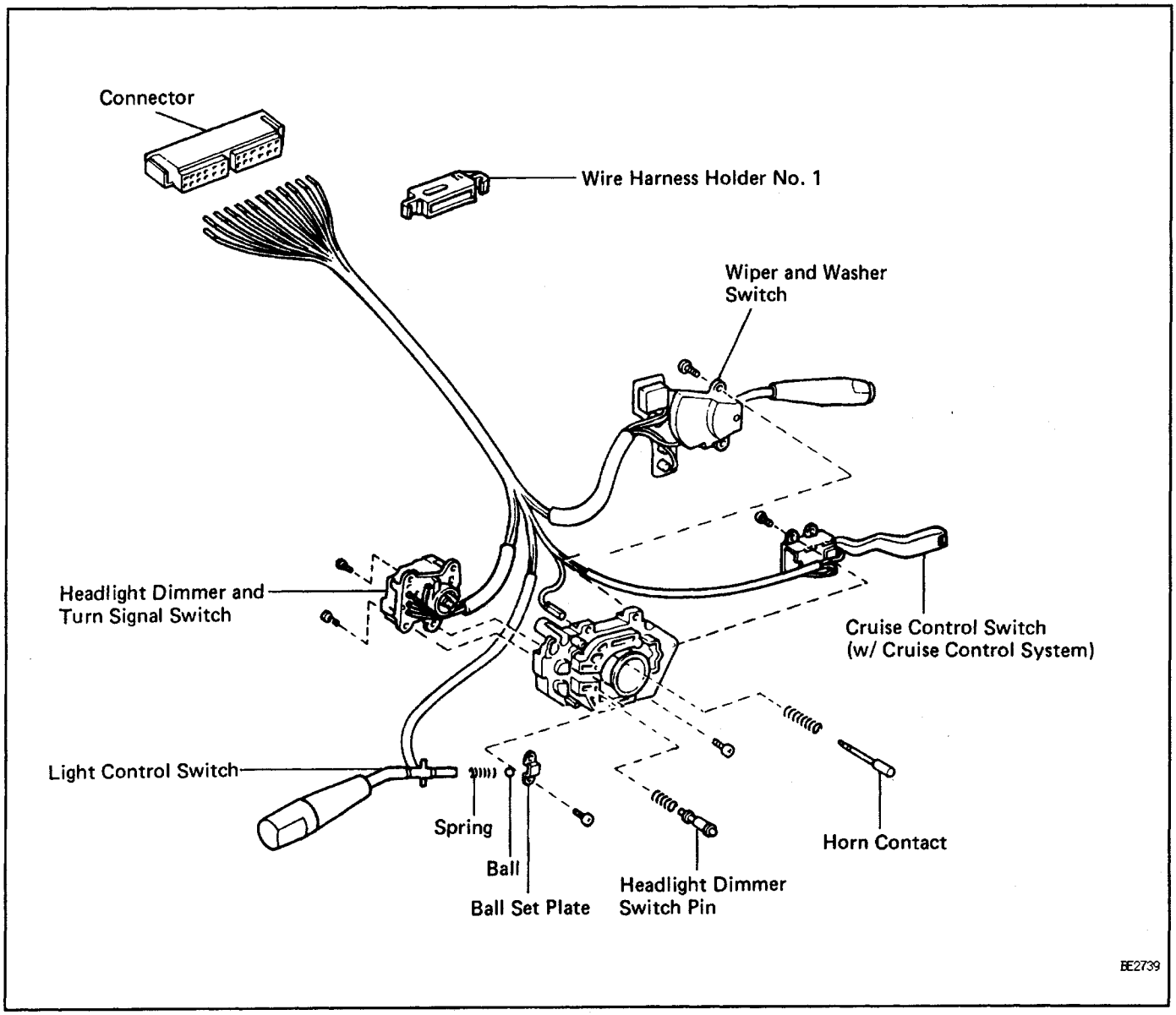
(a) Using adjusting screw B, adjust the headlight aim to within the specifications.

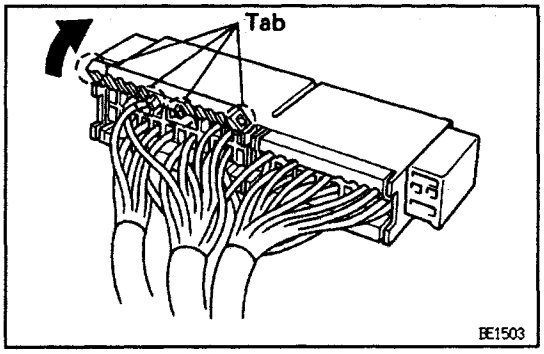
HINT: The beam angle will change about 0° 23' with one mark.

(b) Using adjusting nut C, adjust the "0" back to the mark.

HINT: For adjustment, pull nut C to the rear vehicle to free it. After adjustment, check that the nut C is locked in.

COMBINATION SWITCH DISASSEMBLY



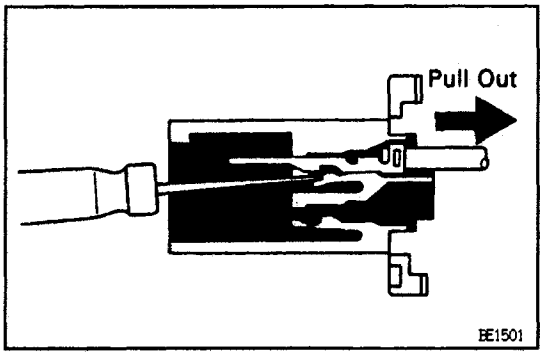


1. REMOVE WIRE HARNESS CLAMP FROM WIRE HARNESS

Pry loose 2 locking lugs and remove the clamp from the wire harness.

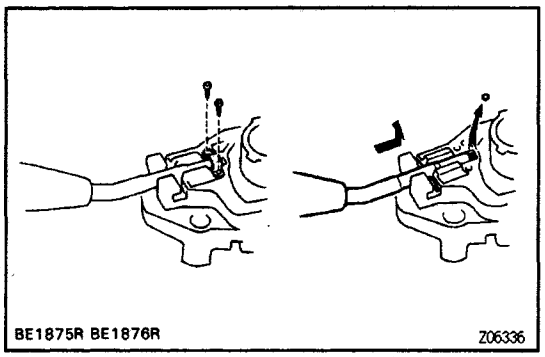
2. REMOVE TERMINALS FROM CONNECTOR

(a) Release the 4 tabs and open the terminal cover.



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

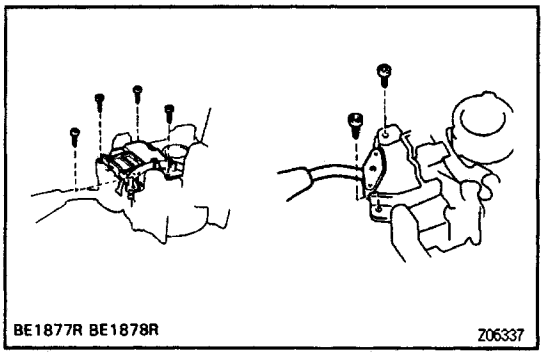
(c) Pry down the locking lug with the screwdriver and pull the terminal out from the rear.



3. REMOVE LIGHT CONTROL SWITCH

(a) Remove the 2 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.

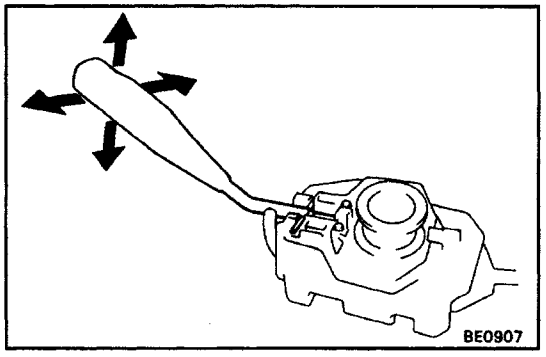


4. REMOVE HEADLIGHT DIMMER AND TURN SIGNAL SWITCH

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

5. REMOVE WIPER AND WASHER SWITCH

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

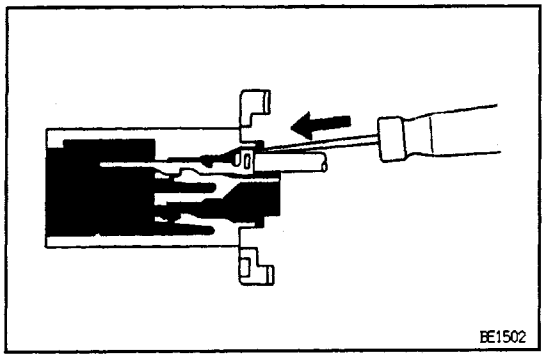


COMBINATION SWITCH ASSEMBLY

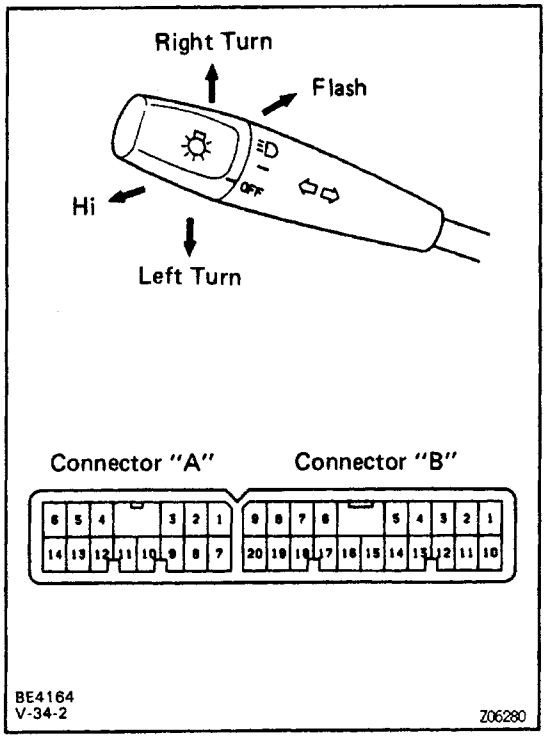
INSTALL PARTS OF COMBINATION SWITCH IN REVERSE SEQUENCE OF REMOVAL

HINT:

- After installing the switch to the switch body, insert that the switch operates in smoothly.



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



COMBINATION SWITCH INSPECTION

LIGHT CONTROL SWITCH/Continuity

Switch position	Tester connection to terminal number	Specified value
OFF	–	No continuity
TAIL	A2 (W) - A1 1 (W)	Continuity
HEAD	A2 -All - A13 lwl - (w) - (R)	Continuity

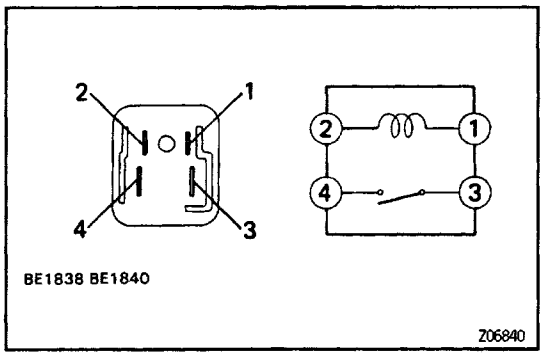
HEADLIGHT DIMMER SWITCH/Continuity

Switch position	Tester connection to terminal number	Specified value
Flash	A9 - A12 - A14 (WB)-(R Y)-(R W)	Continuity
Low beam	A3 - A9 (RG) - (W6)	Continuity
High beam	A9 - A12 (WB) - (RY)	Continuity

TURN SIGNAL SWITCH/Continuity

Switch position	Tester connection to terminal number	Specified value
Left turn	A 1 - A5 (GW) - (GB)	Continuity
Neutral	–	No continuity
Right turn	A 1 - A8 (GW) - (GY)	Continuity

If continuity is not as specified, replace the switch.



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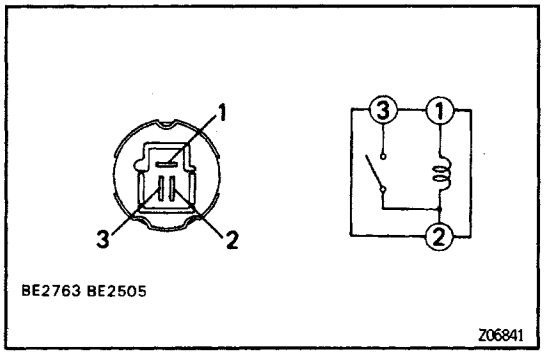
HEADLIGHT CONTROL RELAY INSPECTION

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

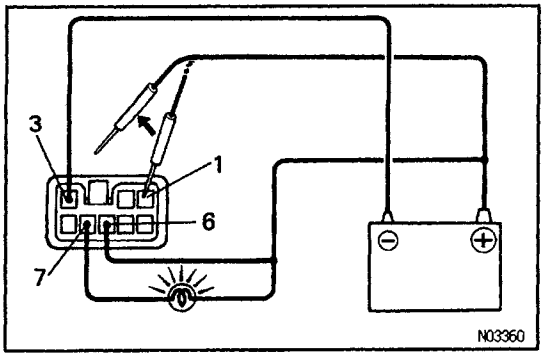
If continuity is not as specified, replace the relay.

BEQJ5-01

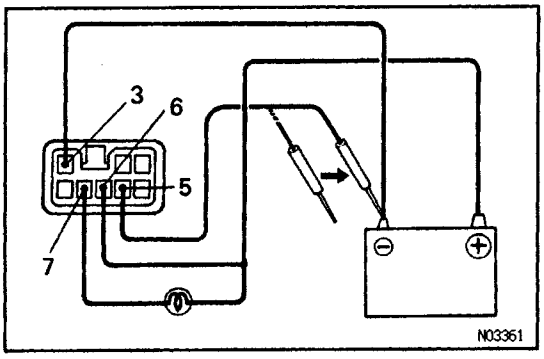
HEADLIGHT RETAINER RELAY INSPECTION

INSPECT HEADLIGHT RETAINER RELAY

Headlight Circuit Operation

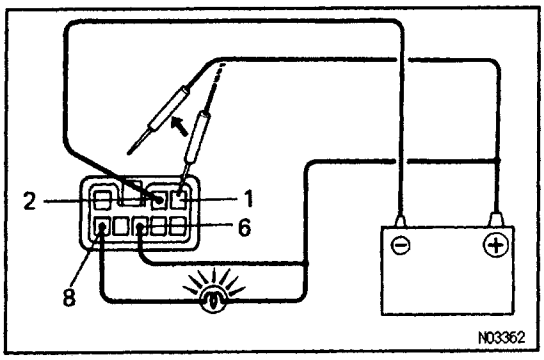


(a) Connect the positive (+) leads from the battery to terminals 1 and 6, and the negative (-) lead to terminal 3.
(b) Connect the 3.4 W test bulb between terminal 7 and the positive (+) lead from the battery.
(c) Disconnect the positive (+) lead from terminal 1, check that the test bulb is lighting.

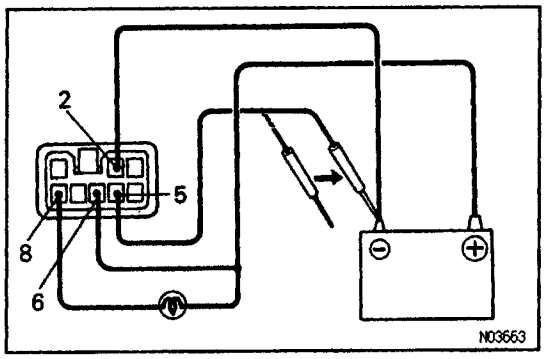


(d) Connect the negative (-) lead to terminal 5, check that the test bulb goes out.
If operation is not as specified, replace the relay.

Taillight Circuit 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.