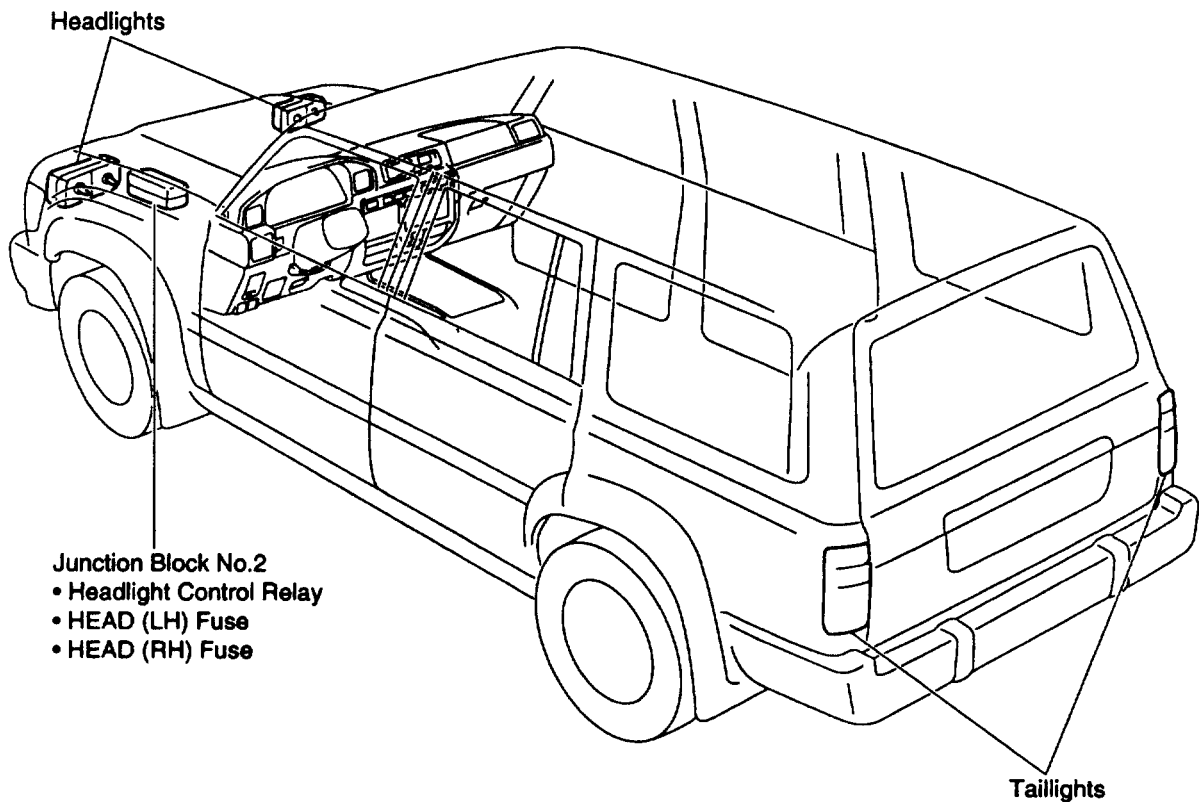
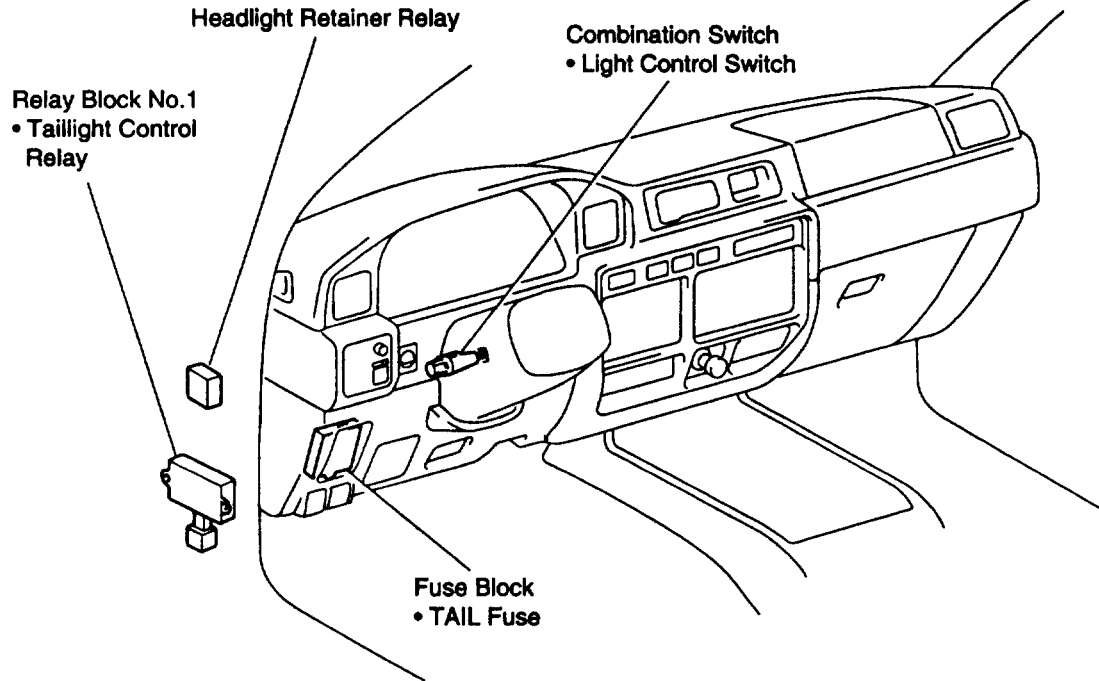


HEADLIGHT AND TAILLIGHT SYSTEM PARTS LOCATION

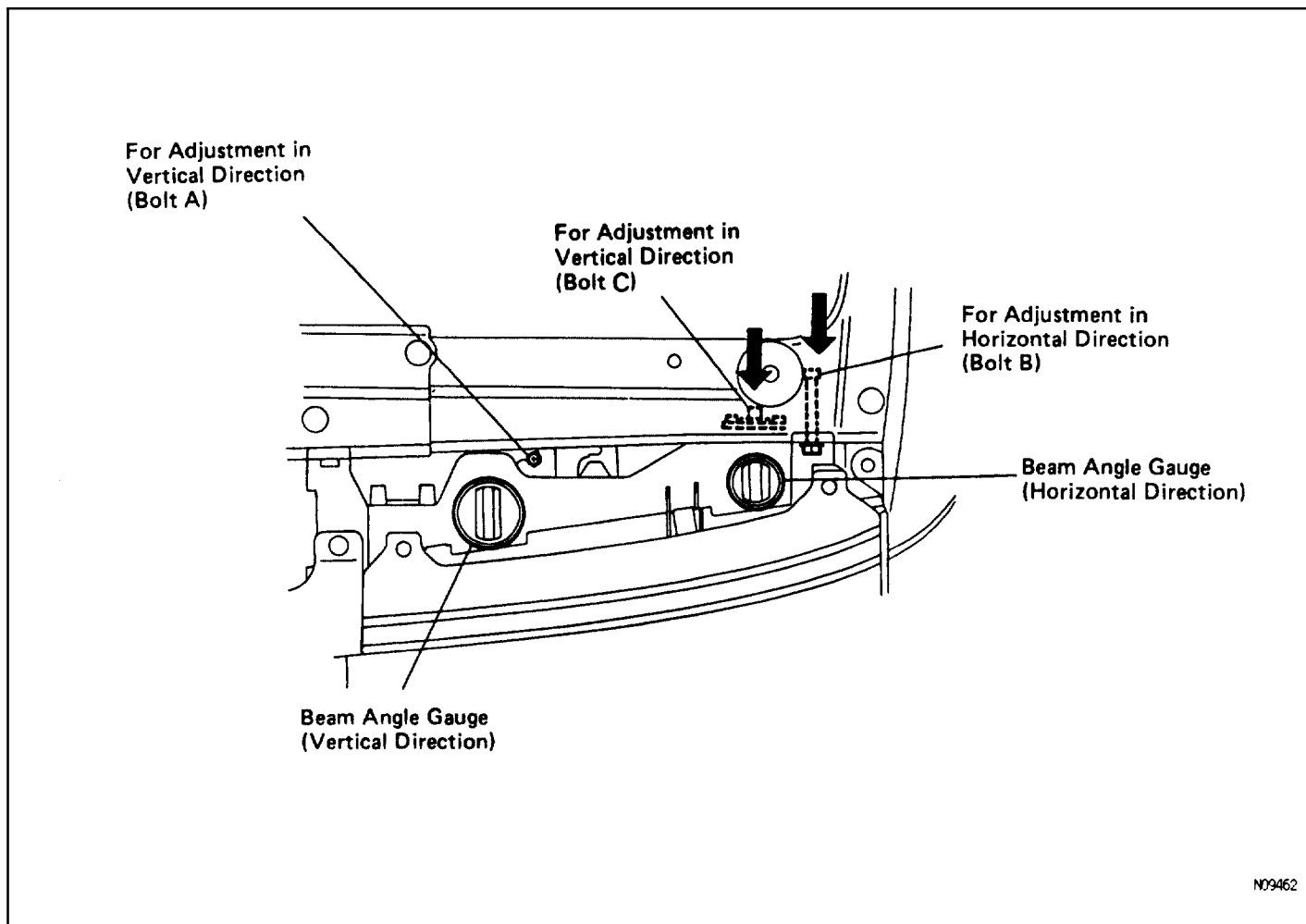


TROUBLESHOOTING

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.

Trouble	Parts name (See page)
Headlight does not light up. (Taillight is normal.)	1. Headlight Bulb 2. MAIN FL 3. HEAD Fuse (BE-5) 4. Light Control Switch (BE-14) 5. Headlight Dimmer Switch (BE-14) 6. Wire Harness
Headlight does not light up. (Taillight does not light up.)	1. Headlight Bulb 2. Light Control Switch (BE-14) 3. Headlight Dimmer Switch (BE-14) 4. Wire Harness
Only one light comes ON.	1. Headlight Bulb 2. HEAD Fuse (BE-5) 3. Wire Harness
"LO-Beam" does not light up.	1. Headlight Bulb 2. Headlight Control Relay (BE-14) 3. Headlight Dimmer Switch (BE-14) 4. Wire Harness
"Hi-Beam" does not light up.	1. Headlight Bulb 2. Headlight Control Relay (BE-14) 3. Headlight Dimmer Switch (BE-14) 4. Wire Harness
"Flash" does not light up.	1. Headlight Bulb 2. Headlight Control Relay (BE-14) 3. Headlight Dimmer Switch (BE-14) 4. Wire Harness
Taillight does not light up. (Headlight is normal.)	1. Taillight Bulb 2. TAIL Fuse (BE-5) 3. Light Control Switch (BE-14) 4. Taillight Control Relay (BE-15) 5. Wire Harness
Taillight does not light up. (Headlight does not light up.)	1. Taillight Bulb 2. MAIN FL 3. TAIL Fuse (BE-5) 4. Light Control Switch (BE-14) 5. Wire Harness

HEADLIGHT AIM ADJUSTMENT



Adjusting headlight aim only

1. INSPECT HEADLIGHT AIM

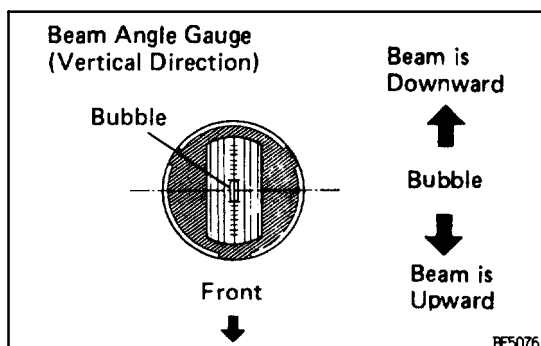
Do the following before inspection.

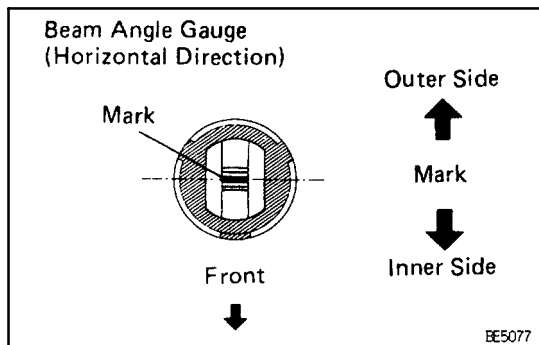
- Make sure the body around the headlight is not deformed.
- Park the vehicle on a level place.
- The driver gets into the driver's seat and puts the vehicle in a state ready for driving (with a full tank).
- Bounce the vehicle several times.

2. ADJUST HEADLIGHT IN VERTICAL ALIGNMENT

If the gauge bubble is outside the acceptable range of the beam angle gauge, adjust it using adjusting screw A.

HINT: The beam angle will change about $0^{\circ}11'$ 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 $0^{\circ}23'$ with one mark.

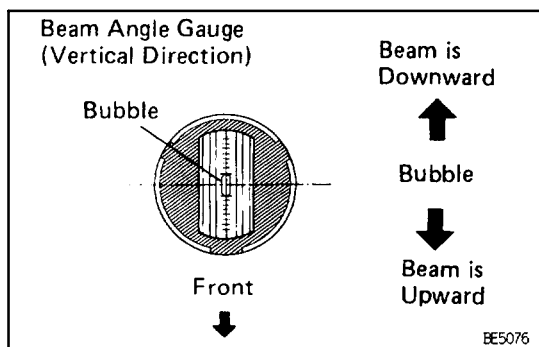
Replacing headlight

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 tank).
- Bounce the vehicle several times.



3. ADJUST HEADLIGHT IN VERTICAL ALIGNMENT

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

HINT: The beam angle will change about $0^{\circ}11'$ 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 place.

Readjust the headlight aim after parking the vehicle on a level place.

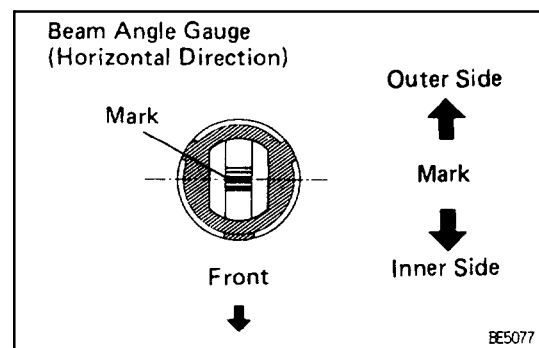
4. ADJUST HEADLIGHT IN HORIZONTAL ALIGNMENT

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

HINT: The beam angle will change about $0^{\circ}23'$ with one mark.

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

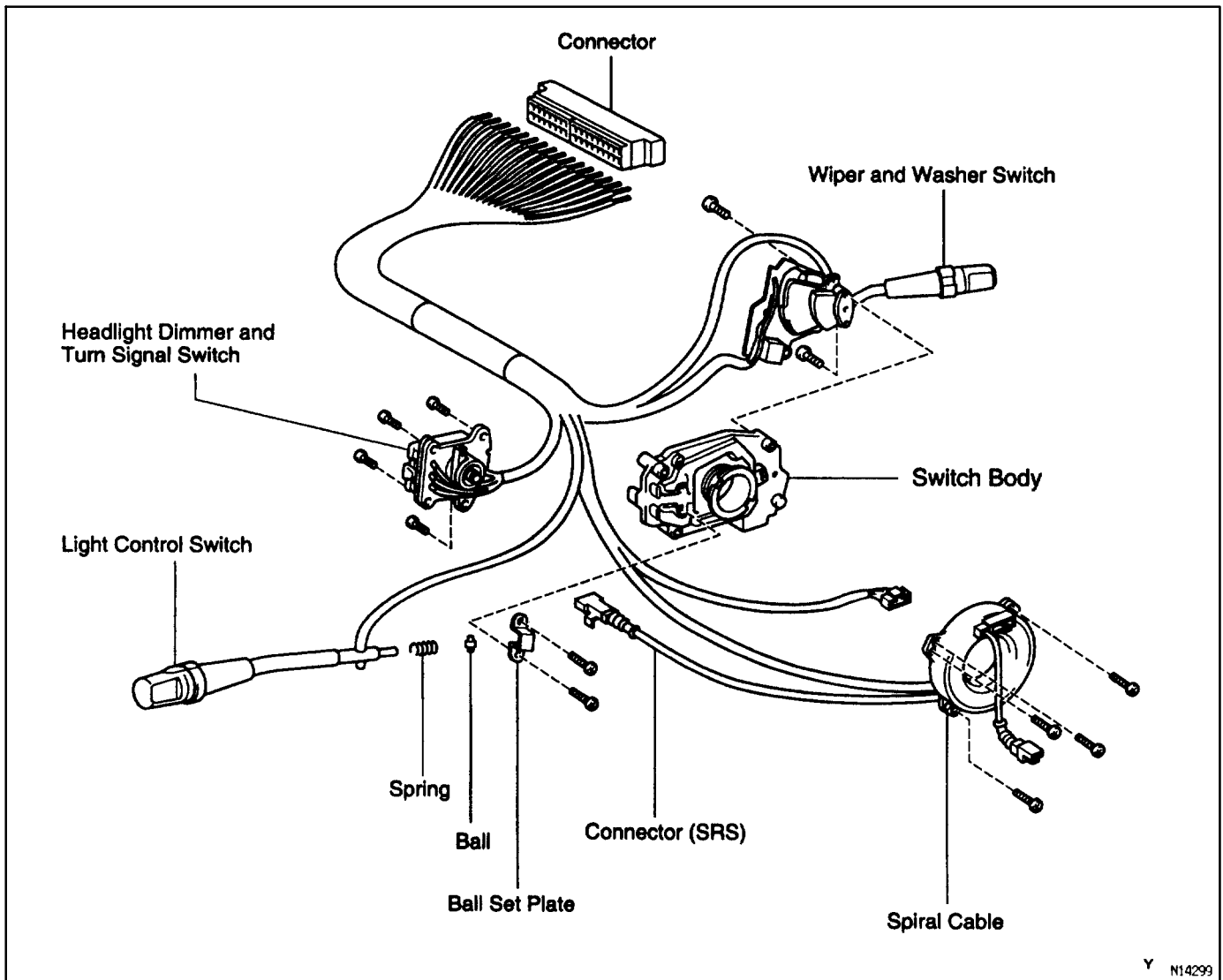
HINT: For adjustment, pull nut C to the rear of the vehicle to free it. After adjustment, check that the nut C is locked in.

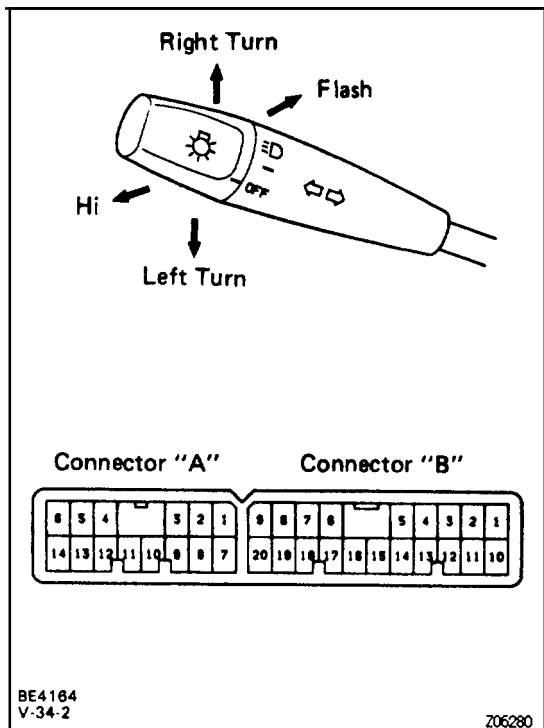


COMBINATION SWITCH REMOVAL AND INSTALLATION

See page [SR-11](#)

COMBINATION SWITCH DISASSEMBLY AND ASSEMBLY





COMBINATION SWITCH INSPECTION

1. INSPECT LIGHT CONTROL SWITCH CONTINUITY

Switch position	Tester connection to terminal number	Specified condition
OFF	--	No continuity
TAIL	A2 (W) – A11 (W)	Continuity
HEAD	A2 – A11 – A13 (W) – (W) – (R)	Continuity

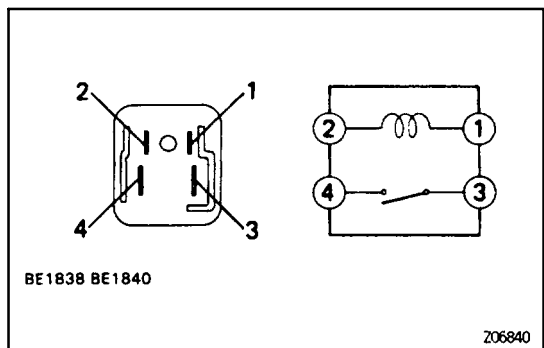
2. INSPECT DIMMER SWITCH CONTINUITY

Switch position	Tester connection to terminal number	Specified condition
Flash	A9 – A12 – A14 (WB) – (RY) – (RW)	Continuity
Low beam	A3 – A9 (RG) – (WB)	Continuity
High beam	A9 – A12 (WB) – (RY)	Continuity

3. INSPECT TURN SIGNAL SWITCH CONTINUITY

Switch position	Tester connection to terminal number	Specified condition
Left turn	A1 – A5 (GW) – (GB)	Continuity
Neutral	--	No continuity
Right turn	A1 – A8 (GW) – (GY)	Continuity

If continuity is not as specified, replace the switch.

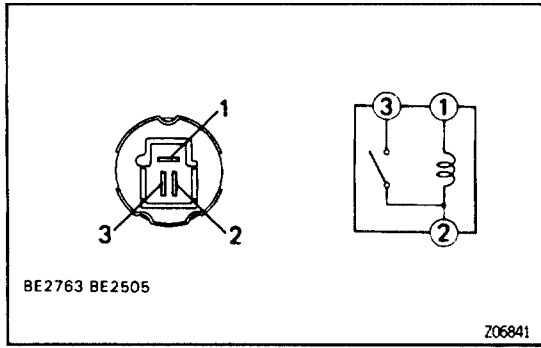


HEADLIGHT CONTROL RELAY INSPECTION

INSPECT 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, replaced the relay.



TAILLIGHT CONTROL RELAY INSPECTION

INSPECT RELAY CONTINUITY

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

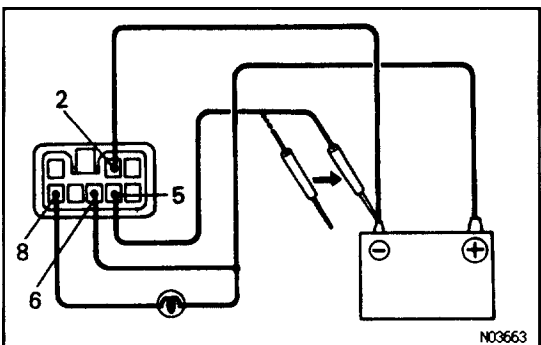
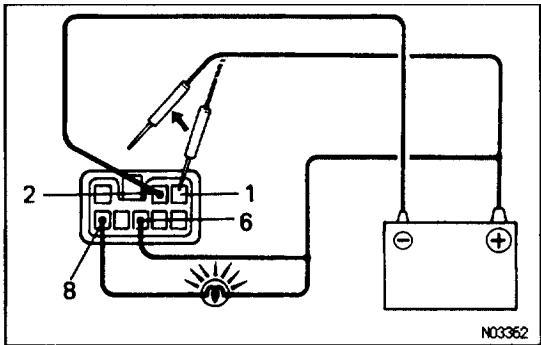
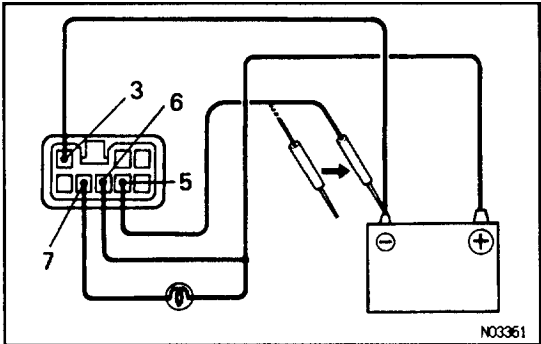
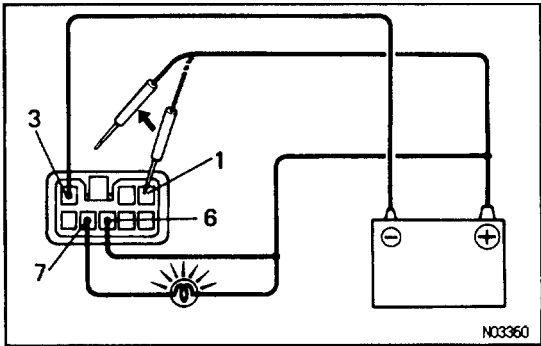
If continuity is not as specified, replace the relay.

HEADLIGHT RETAINER RELAY INSPECTION

1. INSPECT HEADLIGHT RETAINER CIRCUIT

- Connect the positive (+) leads from the battery to terminals 1 and 6, and the negative (-) lead to terminal 3.
- Connect the 3.4 W test bulb between terminal 7 and the positive (+) lead from the battery.
- Disconnect the positive (+) lead from terminal 1, and check that the test bulb is lighting.
- Connect the negative (-) lead to terminal 5, and check that the test bulb goes out.

If operation is not as specified, replace the relay.



2. INSPECT TAILLIGHT CIRCUIT

- Connect the positive (+) leads from the battery to terminals 1 and 6, and the negative (-) lead to terminal 2.
- Connect the 3.4 W test bulb between terminal 8 and the positive (+) lead from the battery.
- Disconnect the positive (+) lead from terminal 1, and check that the test bulb is lighting.

- Connect the negative (-) lead to terminal 5, and check that the test bulb goes out.

If operation is not as specified, replace the relay.