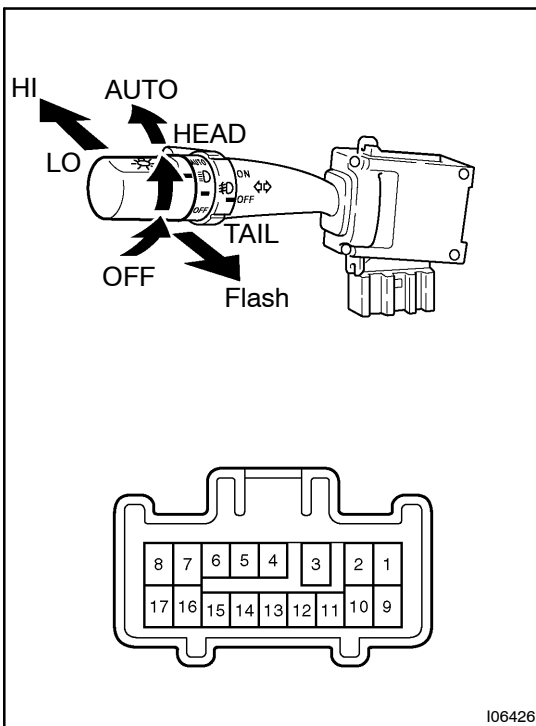




## INSPECTION

### 1. INSPECT LIGHT CONTROL SWITCH CONTINUITY

| Switch position | Tester connection | Specified condition |
|-----------------|-------------------|---------------------|
| OFF             | -                 | No continuity       |
| TAIL            | 14 - 16           | Continuity          |
| HEAD            | 13 - 14 - 16      | Continuity          |
| AUTO            | 12 - 16           | Continuity          |

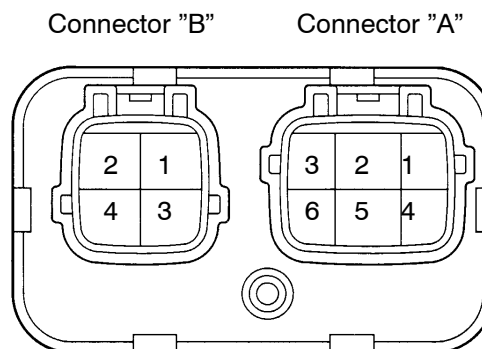
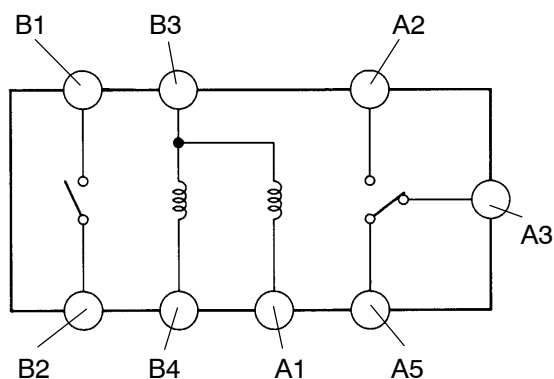
If continuity is not as specified, replace the switch.

### 2. INSPECT HEADLIGHT DIMMER SWITCH CONTINUITY

| Switch position | Tester connection | Specified condition |
|-----------------|-------------------|---------------------|
| Low beam        | 16 - 17           | Continuity          |
| High beam       | 7 - 16            | Continuity          |
| Flash           | 7 - 8 - 16        | Continuity          |

If continuity is not as specified, replace the switch.

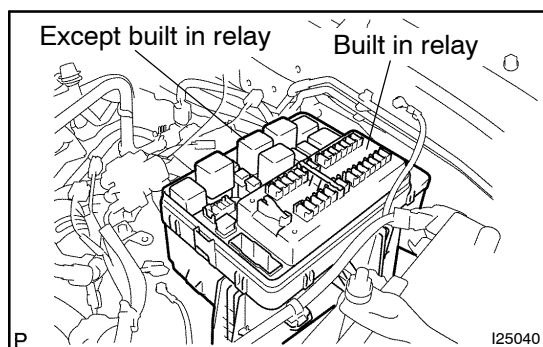
### 3. INSPECT DAYTIME RUNNING LIGHT NO.3 AND NO.4 RELAY CONTINUITY



I04036

| Tester connection | Condition                                                   | Specified condition |
|-------------------|-------------------------------------------------------------|---------------------|
| A1 - B3           | Constant                                                    | Continuity          |
| A3 - A5           | Constant                                                    | Continuity          |
| B3 - B4           | Constant                                                    | Continuity          |
| A2 - A5           | Apply battery positive voltage between terminals A1 and B3. | Continuity          |
| B1 - B2           | Apply battery positive voltage between terminals B3 and B4. | Continuity          |

If continuity is not as specified, replace the relay.

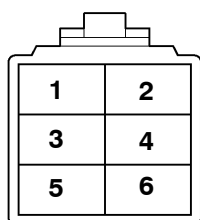


#### 4. INSPECT ENGINE ROOM R/B RELAY CIRCUIT (See Page BE-15)

##### HINT:

The (Headlight, DIM, Tail relay) is built in engine room junction block. Also the relay is constructed with a relay block that is in the junction block as a unit. To disconnect the wire harness connecting with relay block is impossible. If the relay has a malfunction, replace it with junction block assembly wire harness together.

#### Wire Harness Side:



N

I22144

#### 5. Connector disconnected: INSPECT AUTOMATIC LIGHT CONTROL SENSOR CIRCUIT

Disconnect the connector from the sensor and inspect the connector on the wire harness side, as shown in the chart.

##### HINT:

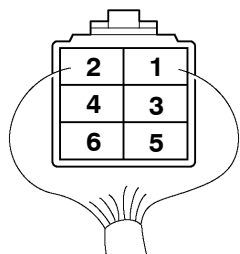
- Ignition switch is ON.
- Light control switch is in AUTO.
- Vehicle's surroundings are bright.

| Tester connection | Condition                                                   | Specified condition |
|-------------------|-------------------------------------------------------------|---------------------|
| 6 – Ground        | Constant                                                    | Continuity          |
| 3 – Ground        | Close the driver's door again while the ignition switch OFF | No voltage          |
| 3 – Ground        | Ignition switch position ON                                 | 5.2 – 9.0V          |

If circuit is as specified, perform the inspection on the following page.

If the circuits is not as specified, inspect the circuit connected to other parts.

#### From Back Side:



N

I22145

#### 6. Connector disconnected: INSPECT AUTOMATIC LIGHT CONTROL SENSOR CIRCUIT

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

##### HINT:

- Ignition switch is ON.
- Light control switch is in AUTO.
- Vehicle's surroundings are bright.

| Tester connection                  | Condition          | Specified condition |
|------------------------------------|--------------------|---------------------|
| 4 – Ground<br>(CLTS – Body ground) | Constant           | Pulse generation    |
| 3 – Ground<br>(CLTB – Body ground) | Ignition switch ON | 10 – 14V            |

If the circuits is not as specified, try replacing the sensor with a new one.