

2002 ACCESSORIES & EQUIPMENT

Interior Light System - RAV4

BODY ELECTRICAL SYSTEM

PRECAUTION

NOTE: Take care to observe the following precautions when performing inspections or removal and replacement of body electrical related parts.

1. Headlight System

Halogen bulbs have pressurized gas inside and require special handling. They can burst if scratched or dropped. Hold a bulb only by its plastic or metal case.

Don't touch the glass part of a bulb with bare hands.

2. SRS (Supplemental Restraint System)

The RAV4 is equipped with an SRS (Supplemental Restraint System) such as the driver airbag and front passenger airbag, failure to carry out service operation in the correct sequence could cause the SRS to unexpectedly deploy during servicing, possibly leading to a serious accident. Before servicing (including removal or installation of parts, inspection or replacement), be sure to read the precautionary notices in **AIR BAG SAFETY PRECAUTIONS** .

3. Audio System

If the negative (-) terminal cable is disconnected from the battery, the preset AM, FM1 and FM2 stations stored in memory are erased, so be sure to note the stations and reset them after the battery terminal is reconnected.

4. Mobile Communication System

If the vehicle is equipped with a mobile communication system, refer to precautions in **IF VEHICLE IS EQUIPPED WITH MOBILE COMMUNICATION SYSTEM** .

TROUBLESHOOTING

PROBLEM SYMPTOMS

INTERIOR LIGHT SYSTEM

Symptom/Suspected Area	See
Interior Light Does Not Light Up	
Bulb	

Interior Light	INTERIOR LIGHT SYSTEM
Passenger Side J/B ECU	TERMINALS OF ECU
Wire Harness	
Personal Light Does Not Light Up	
Bulb	
Personal Light	Step 1 under INSPECTION
Passenger Side J/B ECU	TERMINALS OF ECU
Wire Harness	
Luggage Compartment Light Does Not Light Up	
Bulb	
Luggage Compartment Light	Step 4 under INSPECTION
Passenger Side J/B ECU	TERMINALS OF ECU
Wire Harness	

INTERIOR LIGHT SYSTEM

LOCATION

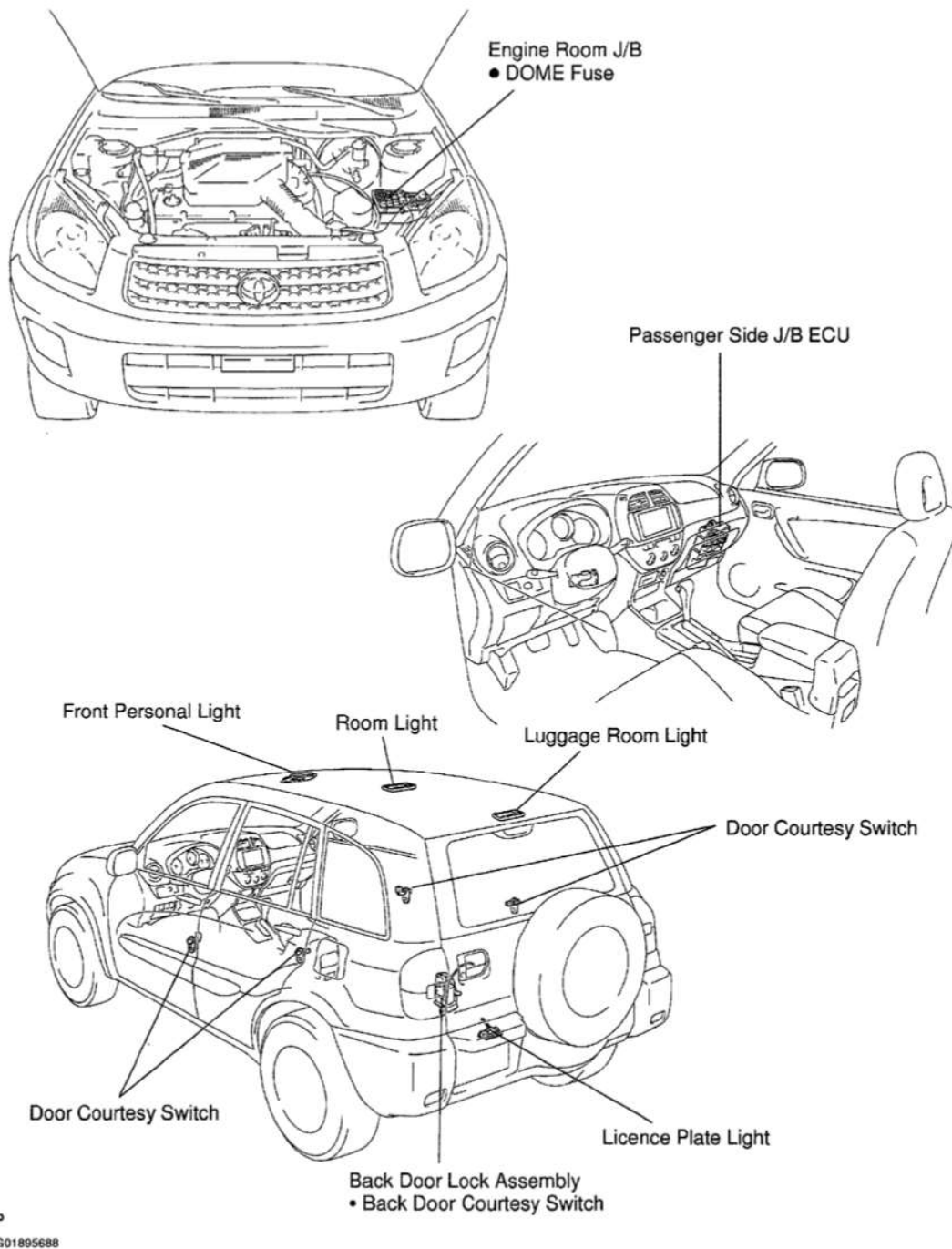
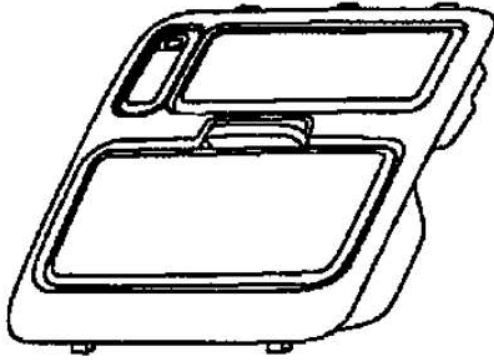


Fig. 1: Identifying Interior Light System Components
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

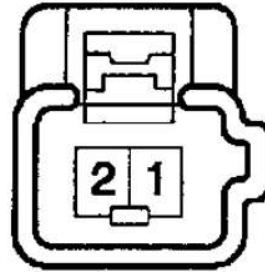
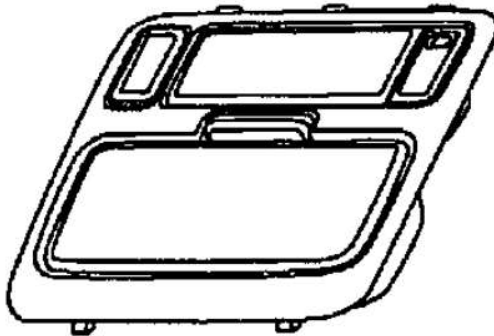
INSPECTION

1. Inspect front personal light continuity .

w/o Sliding Roof



w/ Sliding Roof



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Fig. 2: Identifying Front Personal Light & Terminals

Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

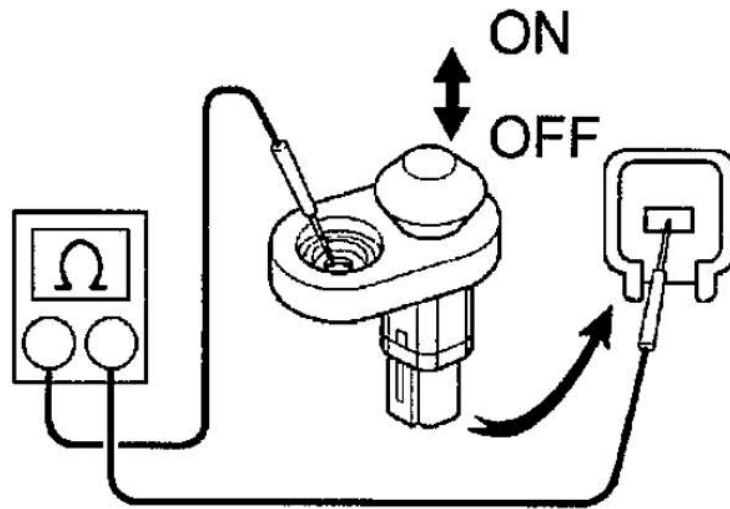
Using an ohmmeter, check that continuity exists between terminals.

If continuity is not as specified, replace the light assembly or bulb.

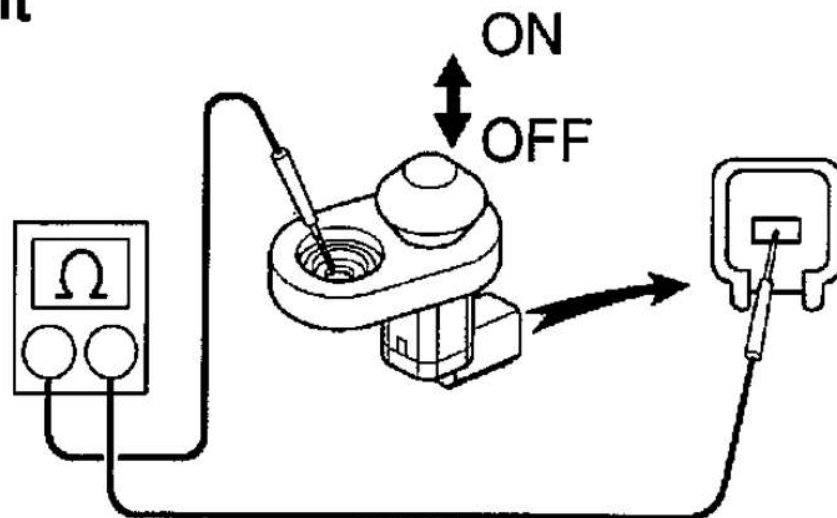
2. Inspect door courtesy switch continuity .

- a. Check that continuity exists between terminal and the switch body with the switch ON (Switch pin released: opened door).

Rear



Front



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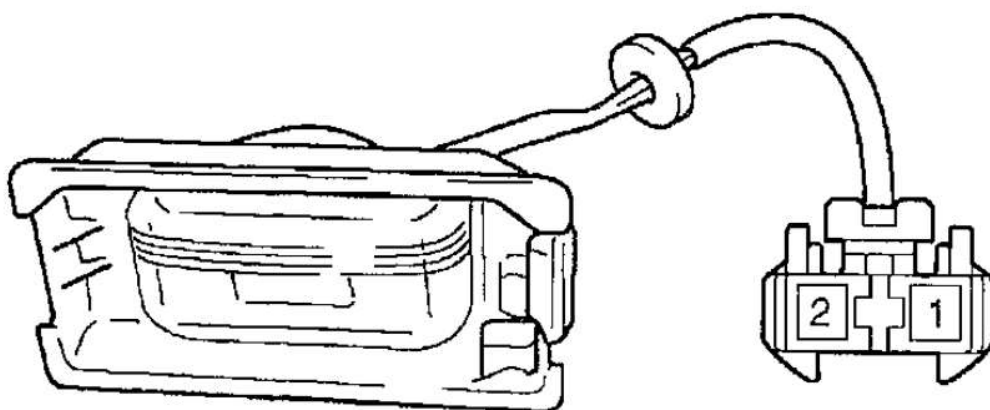
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Fig. 3: Identifying Front & Rear Courtesy Switch
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

- b. Check that no continuity exists between terminal and the switch body with the switch OFF (Switch pin pushed in: closed door).

If operation is not as specified, replace the switch.

3. Inspect licence plate light continuity .



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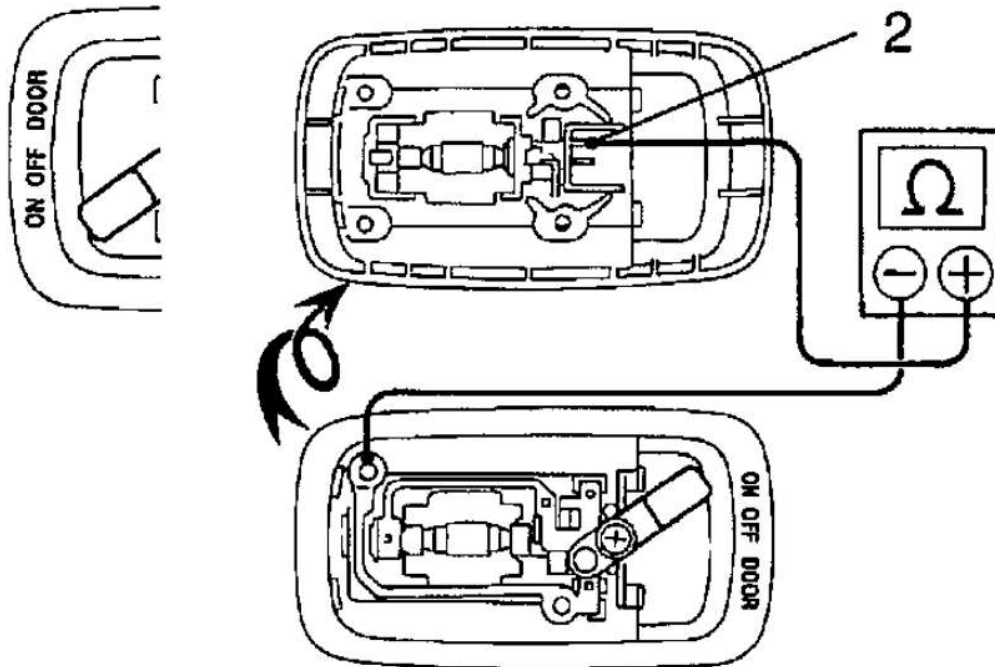
Fig. 4: Checking Licence Plate Light
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

Using an ohmmeter, check that continuity exists between terminals.

If continuity is not as specified, replace the light assembly or bulb.

4. Inspect room and luggage light continuity .

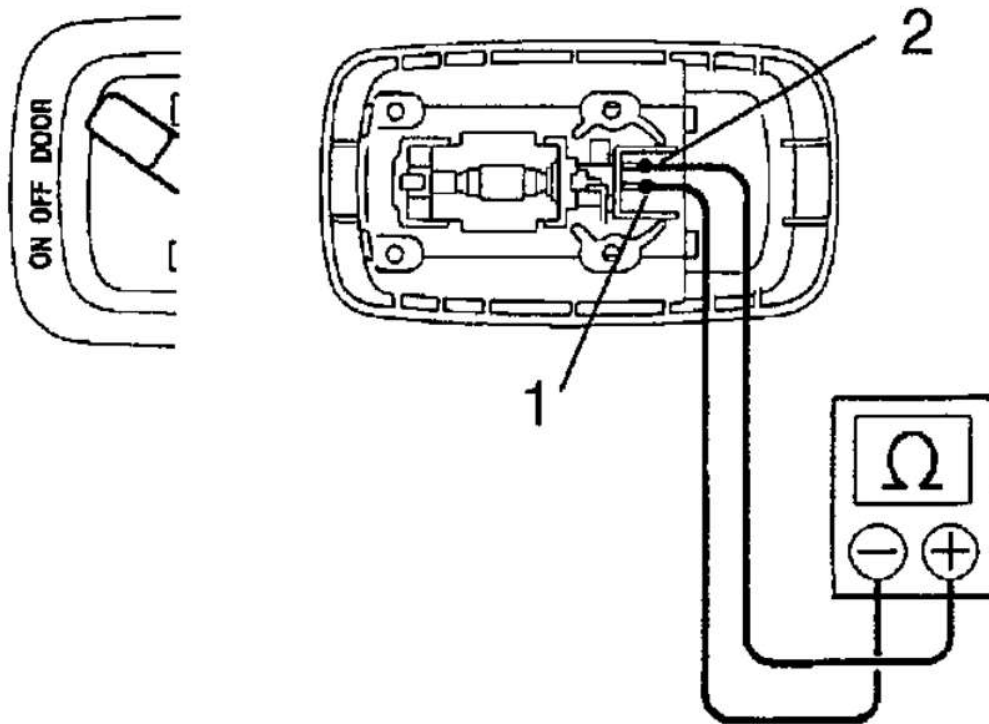
- a. Disconnect the connector from the room light.



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Fig. 5: Checking Continuity Between Terminal 2 & Body Ground
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

- b. Turn the room light switch ON, check that continuity exists between terminal 2 and body ground.
- c. Turn the room light switch to DOOR, check that continuity exists between terminals 1 and 2.



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Fig. 6: Checking Continuity Between Terminals 1 & 2
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

If continuity is not as specified, replace the light assembly or bulb.