

2002 ACCESSORIES & EQUIPMENT

Power Mirror Control 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

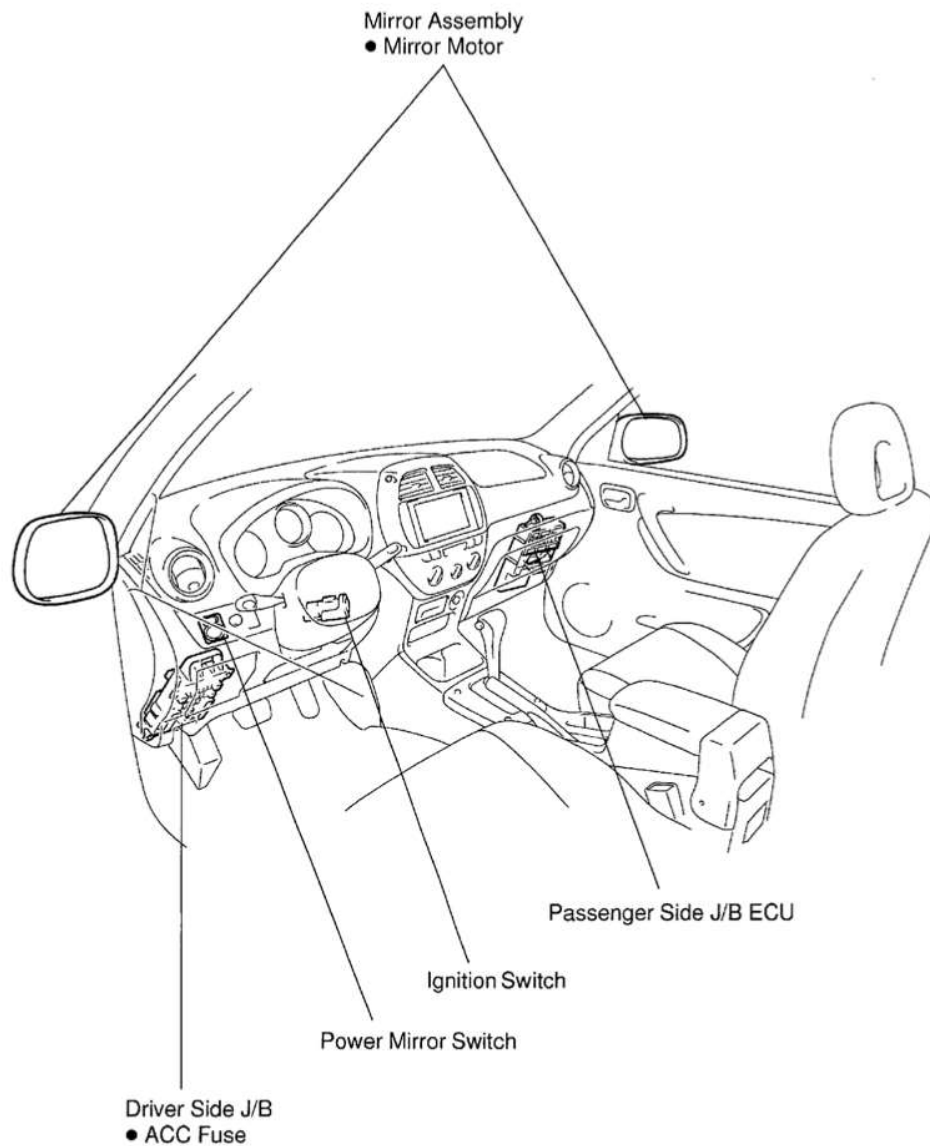
POWER MIRROR CONTROL SYSTEM

Symptom/Suspected Area	See
Mirror Does Not Operate	
ACC Fuse	FUSES & CIRCUIT BREAKERS

Mirror Switch	Step 1 And 2 under INSPECTION
Mirror Motor	Step 3 under INSPECTION
Mirror Operates Abnormally	
Mirror Switch	Step 1 And 2 under INSPECTION
Mirror Motor	Step 3 under INSPECTION
Wire Harness	

POWER MIRROR CONTROL SYSTEM

LOCATION

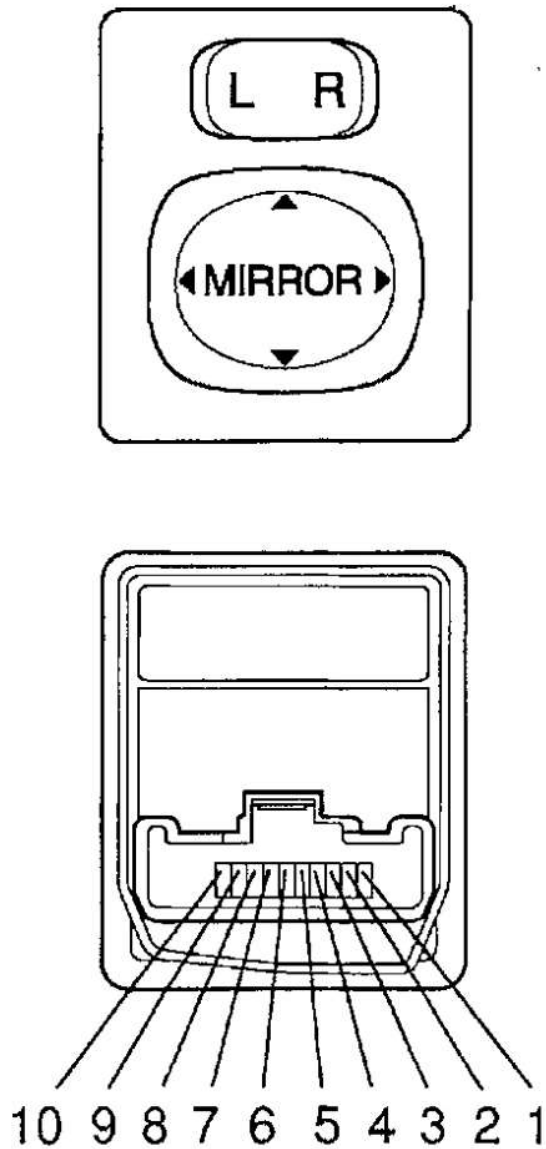


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Fig. 1: Displaying Power Mirror Control System Location
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

INSPECTION

1. Inspect left side mirror switch continuity .



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Fig. 2: Identifying Mirror Switch Connector Terminals
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

Switch position	Tester connection	Specified condition
OFF	—	No continuity
UP	4 – 8 6 – 7	Continuity
DOWN	4 – 7 6 – 8	Continuity
LEFT	5 – 8 6 – 7	Continuity
RIGHT	5 – 7 6 – 8	Continuity

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Fig. 3: Displaying Left Side Mirror Switch Specifications
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

If continuity is not as specified, replace the switch.

2. Inspect right side mirror switch continuity

Switch position	Tester connection	Specified condition
OFF	—	No continuity
UP	3 – 8 6 – 7	Continuity
DOWN	3 – 7 6 – 8	Continuity
LEFT	2 – 8 6 – 7	Continuity
RIGHT	2 – 7 6 – 8	Continuity

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Fig. 4: Displaying Right Side Mirror Switch Specifications

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

If continuity is not as specified, replace the switch.

3. **Inspect mirror motor operation .**

- a. Connect the positive (+) lead from the battery to terminal 3 and the negative (-) lead to terminal 1, and check that the mirror turns to out side.

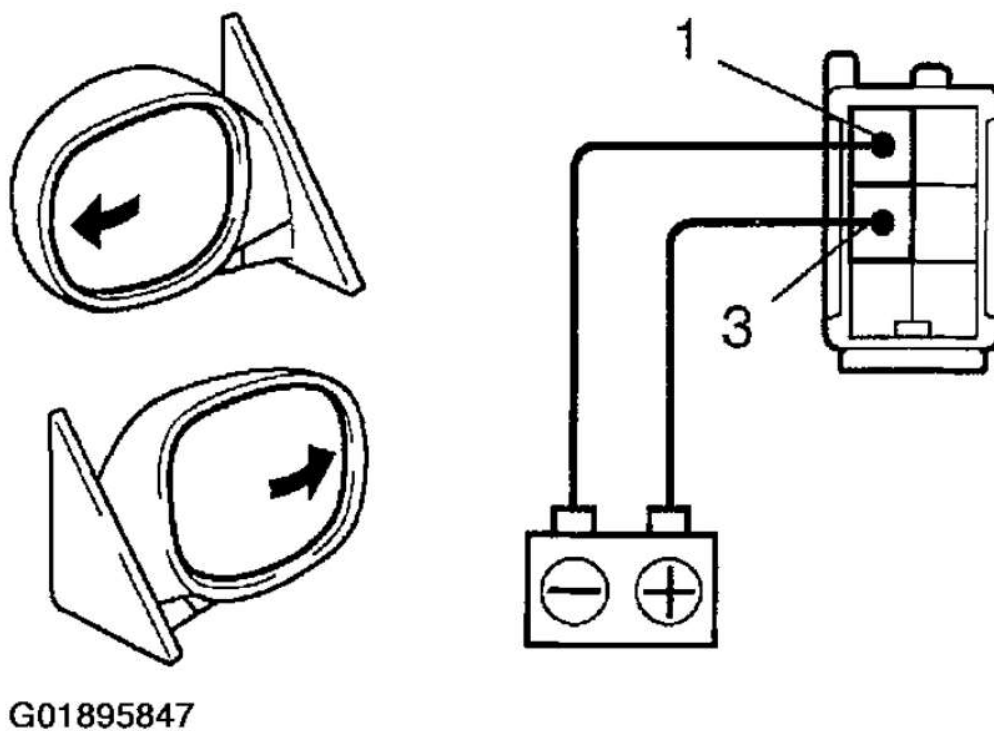
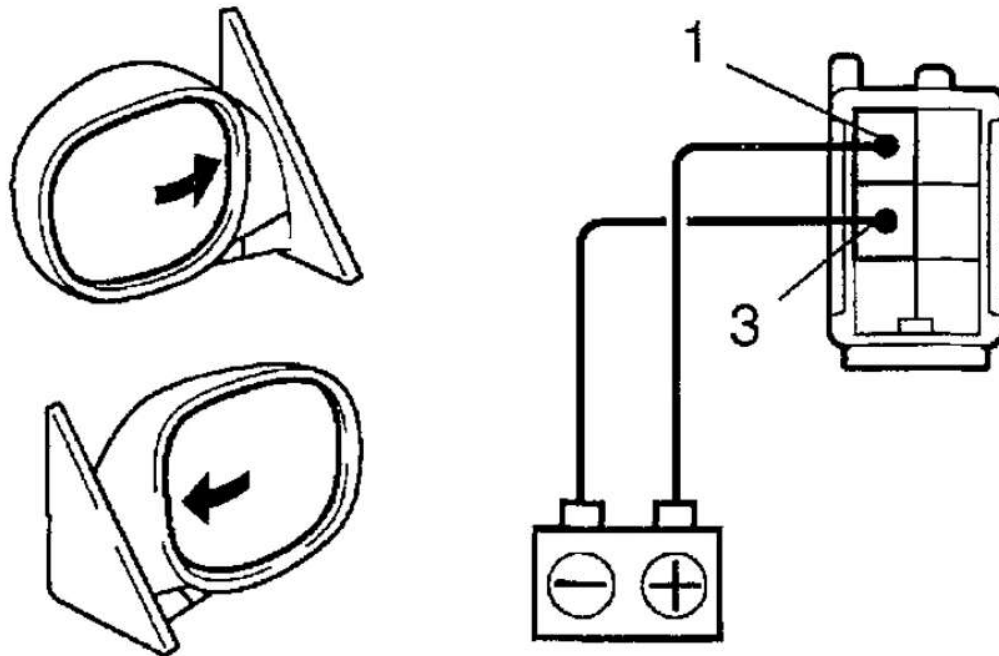


Fig. 5: Testing Mirror To Turn To Outside

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

- b. Reverse the polarity, and check that the mirror turns to in side.

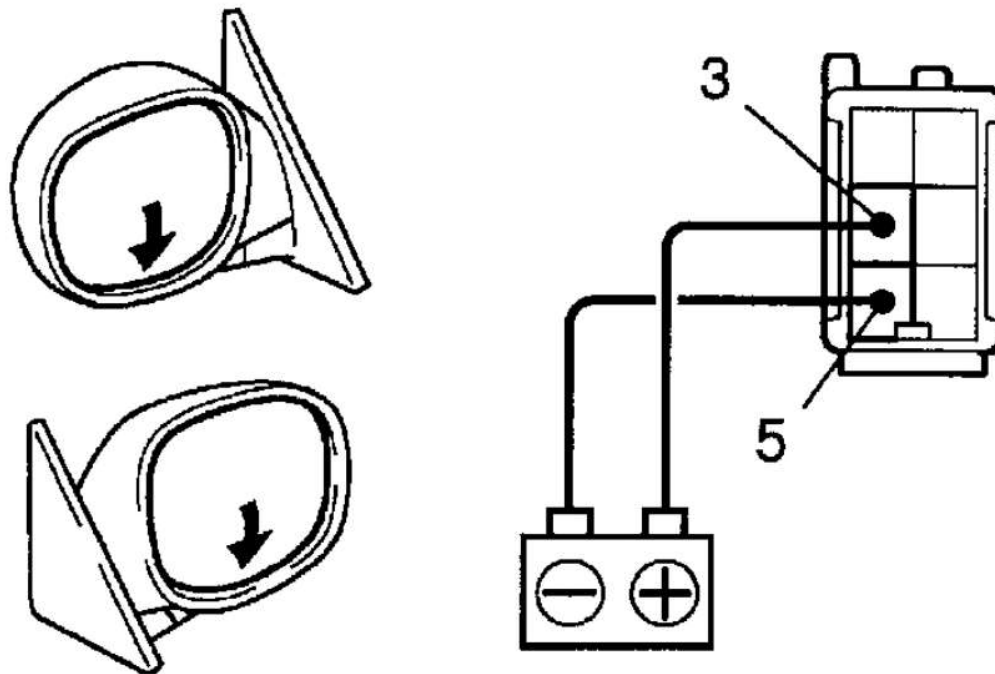


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Fig. 6: Testing Mirror To Turn To Inside

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

- c. Connect the positive (+) lead from the battery to terminal 3 and the negative (-) lead to terminal 5, and check that the mirror turns to the downward.



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Fig. 7: Testing Mirror To Turn Downward
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

- d. Reverse the polarity, and check that the mirror turns to the upward.

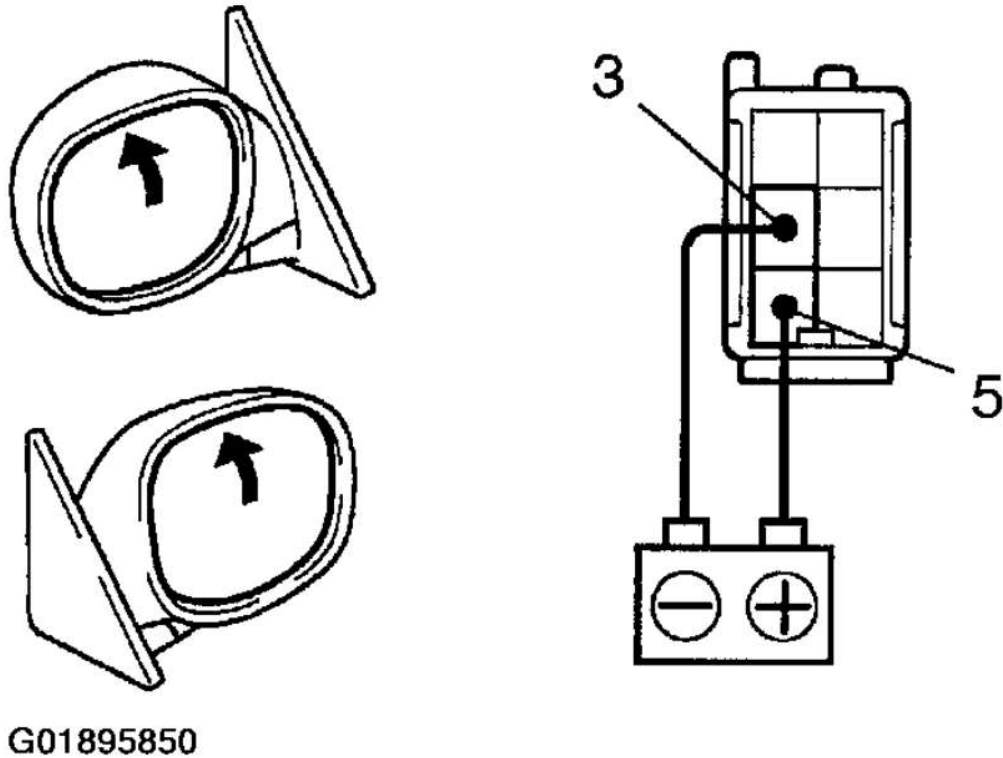


Fig. 8: Testing Mirror To Turn Upward
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

If operation is not as specified, replace the mirror assembly.