

POWER MIRROR SYSTEMS

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DESCRIPTION AND OPERATION

POWER MIRROR SYSTEMS

DESCRIPTION

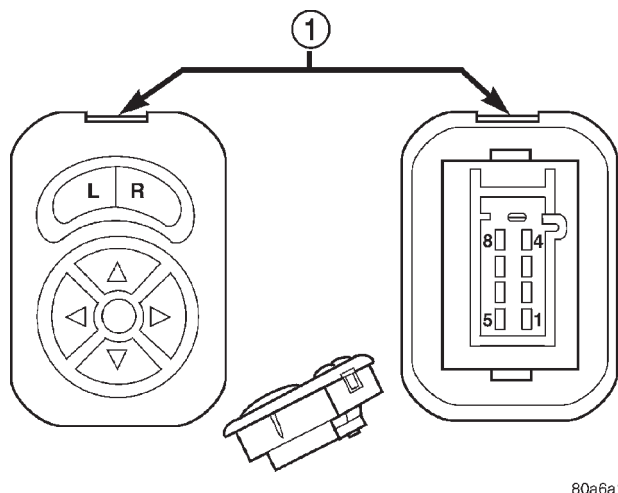


Fig. 1 Power Mirror Switch

1 – REMOVAL SLOT

Power mirrors are controlled by a single switch located on the driver's door.

OPERATION

The switch has a rocker button marked L (left) and R (right) for mirror selection and four buttons for mirror direction movement.

The motors which operate the mirrors are part of the mirror assembly and cannot be replaced separately.

NOTE: Power mirrors are only operational with the ignition "ON".

HEATED MIRRORS

DESCRIPTION

Heated mirrors are available with Power Mirrors and Rear Window Defogger only.

OPERATION

The heated mirror is controlled by the rear window defogger switch. The only time that the heated mirror is on is when the rear window defogger is on. The mirror should become warm to the touch.

DIAGNOSIS AND TESTING

HEATED MIRROR

(1) Using a ohmmeter, check Pin 1 of the mirror motor harness connector for continuity to ground. If OK, go to Step 2. If not OK, repair as necessary. Refer to Group 8W, Wiring Diagrams.

(2) Activate the rear window defogger switch, use a voltmeter and check Pin 2 for battery voltage.

(a) If OK, go to Step 3. If not OK, check fuse 5 in the Junction Block and repair as necessary.

(b) Check rear window defogger switch, refer to Group 8N, Rear Window Defogger. If OK, go to Step c. If not OK, replace HVAC control.

(c) If no voltage repair wire as necessary. Refer to Group 8W, Wiring Diagrams.

(3) Remove mirror glass and check wires. If wires are OK, replace mirror glass. If not OK, repair as necessary or replace mirror.

MIRROR MOTOR

(1) Remove door trim panel. Refer to Group 23, Body.

(2) Disconnect wire connector from the switch.

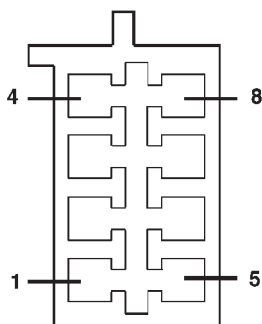
(3) Using two jumper wires, one connected to a 12 volt battery source, and the other connected to a good

DIAGNOSIS AND TESTING (Continued)

body ground. Refer to the Mirror Test (Fig. 2) for appropriate mirror response, using the mirror switch wiring harness connector.

(4) If test results are not obtained as shown in the (Fig. 2), check for open or shorted circuit, or replace mirror assembly as necessary.

MIRROR SWITCH HARNESS CONNECTOR			
12 Volt	Ground	Mirror Reaction	
		Left	Right
PIN 4	PIN 5		UP
PIN 8	PIN 5	UP	
PIN 5	PIN 4		DOWN
PIN 5	PIN 8	DOWN	
PIN 6	PIN 3		RIGHT
PIN 6	PIN 7	RIGHT	
PIN 3	PIN 6		LEFT
PIN 7	PIN 6	LEFT	



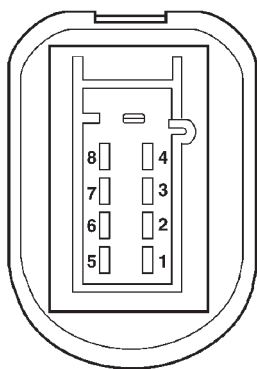
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Fig. 2 Mirror Motor Test

MIRROR SWITCH

- (1) Remove switch from door trim panel.
- (2) Disconnect wire connector.
- (3) Using an ohmmeter, test for continuity between the terminals of the switch as shown in the Mirror Switch Test (Fig. 3).
- (4) If test results are not obtained as shown in the (Fig. 3), replace the switch.

SWITCH POSITION Move Button	CONTINUITY BETWEEN TERMINALS
Mirror in L Position	
▲	PIN 1 to 5 PIN 2 to 8
▶	PIN 1 to 7 PIN 2 to 6
▼	PIN 1 to 8 PIN 2 to 5
◀	PIN 1 to 6 PIN 2 to 7
Mirror in R Position	
▲	PIN 1 to 5 PIN 2 to 4
▶	PIN 1 to 3 PIN 2 to 6
▼	PIN 1 to 4 PIN 2 to 5
◀	PIN 1 to 6 PIN 2 to 3



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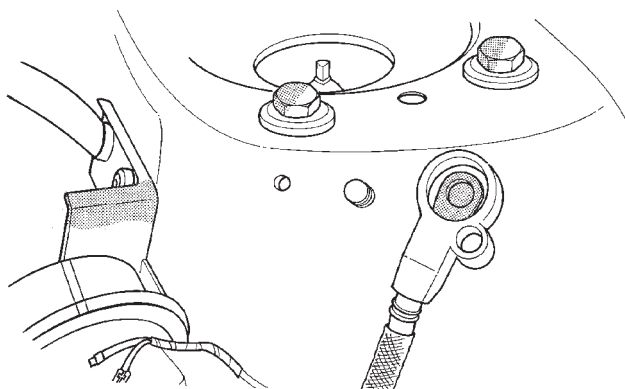
Fig. 3 Mirror Switch Test

REMOVAL AND INSTALLATION

INSIDE MIRROR/READING LAMP ASSEMBLY

REMOVAL

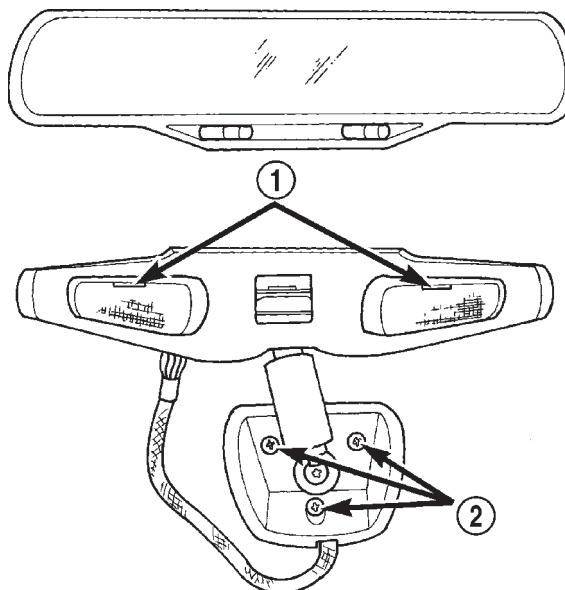
- (1) Disconnect and isolate the battery negative remote cable (Fig. 4).



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Fig. 4 Battery Negative Remote Cable Removal

- (2) Remove attaching screws from header (Fig. 5).



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Fig. 5 Inside Mirror/Reading Lamps

- 1 – PRY OFF LENS
2 – ATTACHING SCREWS

- (3) Lower mirror, and disconnect the wire harness connector.
- (4) Remove mirror assembly.

INSTALLATION

For installation, reverse the above procedure.

REMOVAL AND INSTALLATION (Continued)

INSIDE MIRROR/READING LAMP BULB/LENS**REMOVAL**

- (1) Disconnect and isolate the battery negative remote cable (Fig. 4).
- (2) Using a small thin blade tool, pry at the center of the lens nearest the mirror to remove lens (Fig. 5).
- (3) Remove lamp and replace if necessary.

INSTALLATION

Install lens by setting into position and apply pressure until it is locked into position.

OUTSIDE MIRROR ASSEMBLY

Refer to Group 23-Body, for Outside Mirror Removal and Installation.

POWER MIRROR SWITCH**REMOVAL**

- (1) Disconnect and isolate the battery negative remote cable (Fig. 4).
- (2) Place a small flat blade tool into the slot above the L - R selector end of the switch. Pushing against the switch and pulling upward will release the mounting clip located directly below. This will allow the switch to be release from the door trim panel.
- (3) Disconnect wire connector.

INSTALLATION

For installation, reverse the above procedures.

