

POWER MIRRORS

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DESCRIPTION AND OPERATION

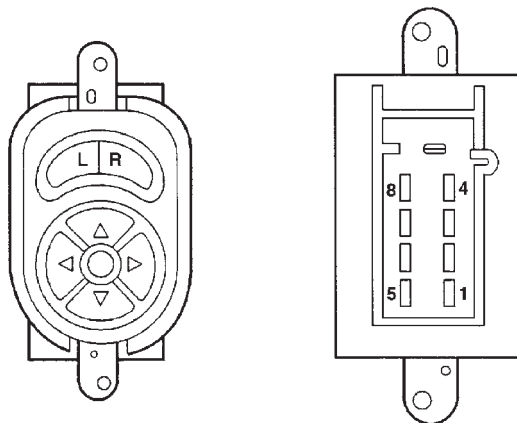
INTRODUCTION

Power mirrors are controlled by a single switch located on the driver's door. The switch has a rocker buttons mark L (left) and R (right) for mirror selection and four buttons for mirror direction movement (Fig. 1).

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

The vehicle is equipped with an Ignition Off Draw Fuse which is used when it is originally shipped from the factory. This fuse is located in the Junction Block and helps to prevent battery discharge during storage when disconnected.

This fuse is included in the power mirror circuitry and should be checked if the mirrors are inoperative.



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Fig. 1 Power Mirror Switch

HEATED MIRROR

Heated mirrors are available with Power Mirrors and Rear Window Defogger only. The heated mirror is controlled by the rear window defogger switch. 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 & 6 in the Junction Block and also fuse #12 in the Power Distribution Center and repair as necessary.

(b) Check rear window defogger switch, refer to Group 8N, Electrically Heated Systems, 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.

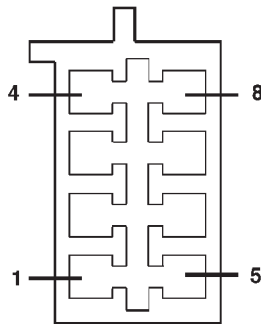
(3) Remove mirror glass and check wires. If wires are OK, replace mirror glass. If not OK, repair as necessary or replace mirror.

DIAGNOSIS AND TESTING (Continued)

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 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	



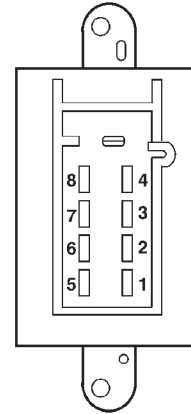
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Fig. 2 Mirror Motor Test

MIRROR SWITCH

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

MIRROR ASSEMBLY

REMOVAL

- (1) For door trim panel and mirror removal, refer to Group 23, Body.
- (2) Disconnect mirror.
- (3) Remove attaching nuts.
- (4) Test operation of mirror before installing door trim panel.

INSTALLATION

For installation, reverse the above procedures.

MIRROR SWITCH

REMOVAL

- (1) Remove door trim panel. Refer to Group 23, Body.
- (2) Disconnect wire connector.
- (3) Remove attaching screws.

INSTALLATION

For installation, reverse the above procedures.