



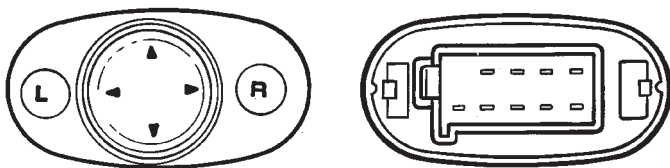
POWER MIRRORS

CONTENTS

	page		page
GENERAL INFORMATION	1	MIRROR MOTOR TEST	1
HEATED MIRROR	1	MIRROR SWITCH REPLACEMENT	2
MIRROR ASSEMBLY REPLACEMENT	2	MIRROR SWITCH TEST	1

GENERAL INFORMATION

Electrically operated power mirrors are available on all car lines. The mirrors are controlled by a single switch assembly located on the driver's door trim panel. The push button switch uses L (left) and R (right) for mirror selection and a round platform which is tilted in the direction of the mirror movement desired (Fig. 1).



938T-1

Fig. 1 Power Mirror Switch

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

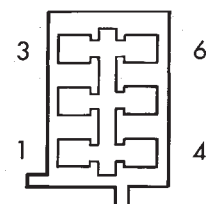
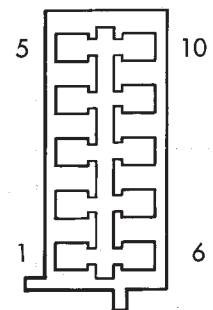
All vehicles are equipped with an Ignition-Off Draw Fuse which is used when the vehicles are originally shipped from the factory. This fuse is located behind the instrument panel access cover by the driver's door and helps to prevent battery discharge during storage.

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

MIRROR MOTOR TEST

- (1) Using a trim stick, remove power mirror switch from mounting position.
- (2) Disconnect wire connector.
- (3) Using two jumper wires, one connected to a 12 volt source, and the other connected to a good body ground. Refer to the Mirror Test (Fig. 2) for appropriate mirror response.
- (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 CONNECTOR			
12 volt	Ground	Mirror Reaction	
		Left	Right
PIN 2	PIN 1		UP
PIN 7	PIN 10	UP	
PIN 1	PIN 2		DOWN
PIN 10	PIN 7	DOWN	
PIN 1	PIN 9		RIGHT
PIN 10	PIN 3	RIGHT	
PIN 9	PIN 1		LEFT
PIN 3	PIN 10	LEFT	
DOOR CONNECTOR			
PIN 6	PIN 2	UP	
PIN 2	PIN 6	DOWN	
PIN 2	PIN 5	RIGHT	
PIN 5	PIN 2	LEFT	
PIN 1	PIN 3	HEATER	



938T-2

Fig. 2 Mirror Test

MIRROR SWITCH TEST

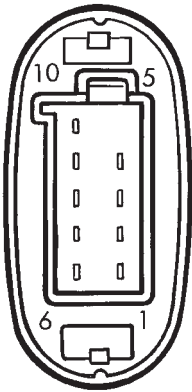
- (1) Remove power mirror switch from mounting position.
- (2) Disconnect wiring harness at switch connector.
- (3) Using an ohmmeter, test for continuity between the terminals of the switch as shown in the Mirror Switch Test (Fig. 3).
- (4) If test results are not obtained as shown in the Fig. 3, replace the switch.

HEATED MIRROR

Heated mirrors are available on all car lines, 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.



SWITCH POSITION Move Button	CONTINUITY BETWEEN TERMINALS
Mirror in L Position	
▲	PIN 8 to 10 PIN 7 to 4
▶	PIN 2 to 8 PIN 10 to 4
▼	PIN 8 to 7 PIN 10 to 4
◀	PIN 8 to 10 PIN 3 to 4
Mirror in R Position	
▲	PIN 8 to 1 PIN 2 to 4
▶	PIN 3 to 8 PIN 1 to 4
▼	PIN 8 to 2 PIN 1 to 4
◀	PIN 1 to 8 PIN 9 to 4



938T-3

Fig. 3 Mirror Switch Test

TEST

- (1) The mirror should be warm to the touch.
 - (a) If not check fuses.
 - (b) Test voltage at rear window defogger switch.
- If no voltage repair wire.
- Apply voltage to one wire and ground the other, refer to Fig. 2 for pin numbers. Mirror should become warm to the touch.
- If not remove mirror glass and test the wires for continuity. If no continuity repair wires.
- If wires are OK, replace mirror glass.
- To test defogger switch refer to Group 8N, Rear Window Defogger, Control Switch/Timer Relay Module Test.

MIRROR SWITCH REPLACEMENT

- (1) Using a trim stick, remove power mirror switch from mounting position.
- (2) Disconnect wire connector.
- (3) For installation, reverse above procedures.

MIRROR ASSEMBLY REPLACEMENT

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