

2002 ACCESSORIES & EQUIPMENT

Power Mirror (Door) - Sedona

INSPECTION & TESTING

SWITCH

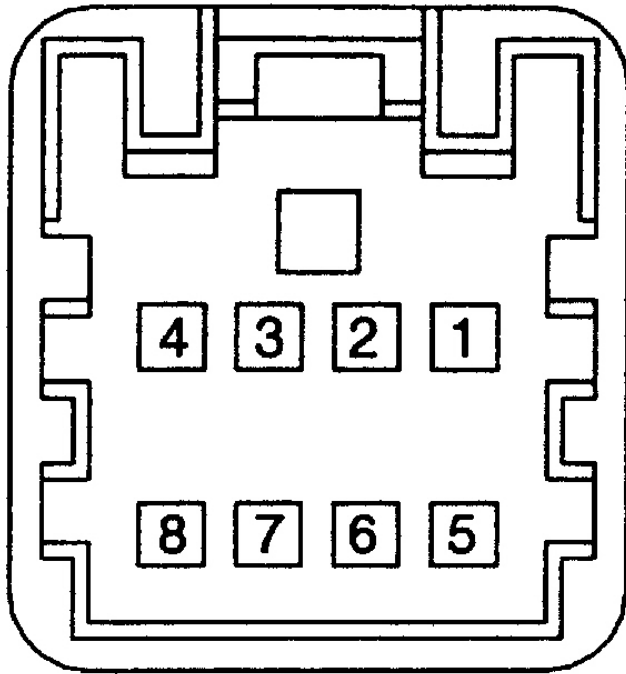
Remove the power window main switch.

Operate the switch and check for continuity between the terminals. If continuity is not as specified, replace the mirror switch.

GLASS	DIR	6	5	4	1	8	2	7	3
LEFT MIRROR	UP	○	○			○	○	○	
	DOWN	○	○			○	○	○	
	OFF	○	○			○		○	
	LEFT	○	○			○	○	○	
	RIGHT	○	○			○	○	○	
RIGHT MIRROR	UP			○	○	○	○	○	
	DOWN			○	○	○	○	○	
	OFF			○	○	○		○	
	LEFT			○	○	○	○	○	
	RIGHT			○	○	○	○	○	
FOLDING	FOLDING							○	○
	UNFOLDING							○	○

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Fig. 1: Testing Mirror Switch Operation
 Courtesy of KIA MOTORS AMERICA, INC.



1 : HR
5 : HL
2 : ACC+
6 : VL
3 : FOLD'G
7 : E(-)
4 : VR
8 : C

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Fig. 2: Illustrating Mirror Switch Pinout
Courtesy of KIA MOTORS AMERICA, INC.

ACTUATOR

Apply battery voltage and ground to each terminal as shown below and confirm that the mirror operates properly.

Direction \ Terminal	5	7	6
UP	\oplus	\ominus	\oplus
DOWN	\ominus	\oplus	\ominus
OFF			
RIGHT	\oplus	\oplus	\ominus
LEFT	\ominus	\ominus	\oplus

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Fig. 3: Testing Mirror Actuator Operation
Courtesy of KIA MOTORS AMERICA, INC.


4	3	2	1
-	7	6	5

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Fig. 4: Illustrating Mirror Connector Pinout
Courtesy of KIA MOTORS AMERICA, INC.

MIRROR HEATING

Apply battery voltage to each terminal as shown below, and conform that the mirror heats properly.

Terminal	3	4
ON		

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Fig. 5: Testing Mirror Heating Operation
Courtesy of KIA MOTORS AMERICA, INC.

MIRROR FOLDING

Connect the motor terminals directly to the battery and check that the motor operates smoothly. Next, reverse the polarity and check that the motor operates smoothly in the opposite direction. If the operation is abnormal, replace the motor.

<div>Terminal</div> <div>Condition</div>	1	2
Folding	\oplus	\ominus
Unfolding	\ominus	\oplus

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Fig. 6: Testing Mirror Folding Operation
Courtesy of KIA MOTORS AMERICA, INC.