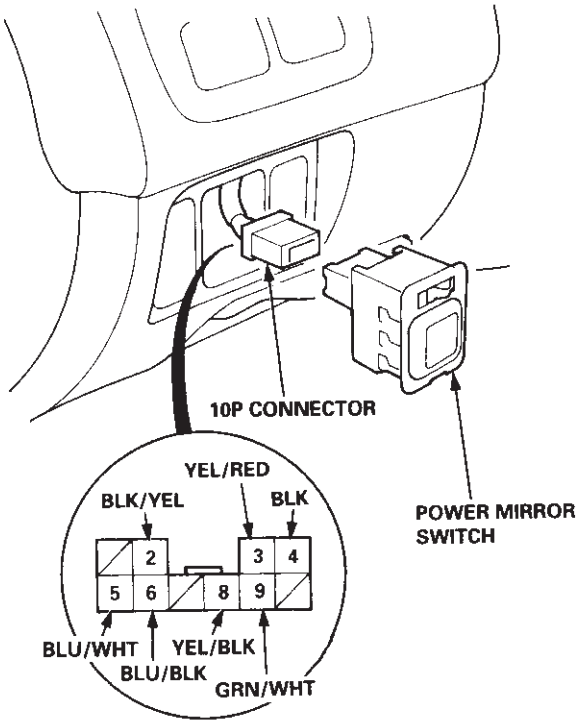
Function Test

CAUTION: Be careful not to damage the mirror switch or the dashboard driver's lower cover when prying the switch out.

Without defogger:

1. Pry the switch out of the driver's dashboard lower cover.
2. Disconnect the 10P connector from the switch.



Wire side of female terminals

Mirror Test

Both inoperative:

1. Check for voltage between the No. 2 (BLK/YEL) terminal and body ground with the ignition switch ON (II).
   There should be battery voltage.
   - If there is no voltage, check for:
     — blown No. 17 (7.5 A) fuse in the under-dash fuse/relay box.
     — an open in the BLK/YEL wire.
   - If there is battery voltage, go to step 2.
2. Check for continuity between the No. 4 (BLK) terminal and body ground.
   There should be continuity.
   - If there is no continuity, check for:
     — an open in the BLK wire.
     — poor ground (G551).

Left mirror inoperative:

Connect the No. 2 (BLK/YEL) terminal of the 10P connector to the No. 3 (YEL/RED) terminal and the No. 5 (or No. 6) terminal to body ground with jumper wires. The left mirror should tilt down (or swing left) when the ignition switch is turned ON (II).

- If the mirror does not tilt down (or does not swing left), remove the left door panel, and check for an open in the BLU/WHT (or BLU/BLK) wire between the left power mirror and the switch.
  — If the wire is OK, check the left power mirror actuator.
- If the mirror neither tilts down nor swings left, repair the YEL/RED wire.
- If the mirror operates properly, check the mirror switch.

Right mirror inoperative:

Connect the No. 2 (BLK/YEL) terminal of the 10P connector to the No. 3 (YEL/RED) terminal and the No. 9 (or No. 8) terminal to body ground with jumper wires. The right mirror should tilt down (or swing left) when the ignition switch is turned ON (II).

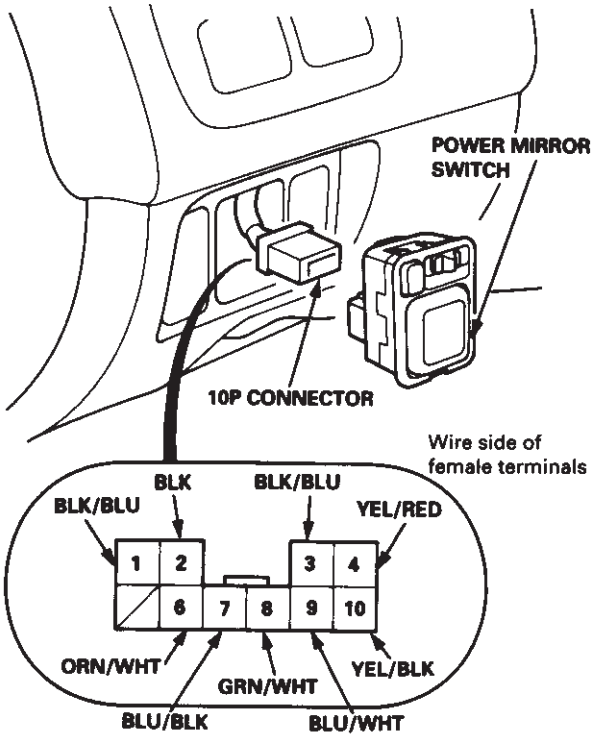
- If the mirror does not tilt down (or does not swing left), remove the right door panel, and check for an open in the GRN/WHT (or YEL/BLK) wire between the right power mirror and the switch.
  — If the wire is OK, check the right power mirror actuator.
- If the mirror neither tilts down nor swings left, repair the YEL/RED wire.
- If the mirror operates properly, check the mirror switch.

(cont'd)

Function Test (cont'd)

With defogger:

1. Pry the switch out of the driver's dashboard lower cover.



2. Disconnect the 10P connector from the power mirror switch.

Mirror Test

Both inoperative:

1. Check for voltage between the No. 1 terminal and body ground with the ignition switch ON (II).
   There should be battery voltage.
   - If there is no battery voltage, check for:
     — blown No. 16 (7.5 A) fuse in the under-dash fuse/relay box.
     — an open in the BLK/BLU wire.
   - If there is battery voltage, go to step 2.

2. Check for continuity between the No. 2 terminal and body ground.
   There should be continuity.
   - If there is no continuity, check for:
     — an open in the BLK wire.
     — poor ground (G551).
   - If there is continuity, check both mirrors individually as described in the next column.

Left mirror inoperative:

Connect the No. 1 terminal to the No. 7 terminal, and the No. 4 (or No. 9) terminal to body ground with jumper wires. The left mirror should tilt down (or swing left) with the ignition switch ON (II).

- If the mirror does not tilt down (or does not swing left), check for an open in the YEL/RED (or BLU/WHT) wire between the left mirror and the 10P connector. If the wire is OK, check the left mirror actuator.
- If the mirror neither tilts down nor swings left, repair the BLU/BLK wire.
- If the mirror works properly, check the mirror switch.

Right mirror inoperative:

Connect the No. 1 terminal to the No. 8 terminal, and the No. 4 (or No. 10) terminal to body ground with jumper wires. The right mirror should tilt down (or swing left) with the ignition switch ON (II).

- If the mirror does not tilt down (or does not swing left), check for an open in the YEL/RED (or YEL/BLK) wire between the right mirror and the 10P connector. If the wire is OK, check the right mirror actuator.
- If the mirror neither tilts down nor swings left, repair the GRN/WHT wire.
- If the mirror works properly, check the mirror switch.

Defogger inoperative:

1. Check for voltage between the No. 3 terminal and body ground with the ignition switch ON (II).
   There should be battery voltage.
   - If there is no battery voltage, check for;
     — blown No. 16 (7.5 A) fuse in the under-dash fuse/relay box.
     — An open in the BLK/BLU wire.
   - If there is battery voltage, go to step 2.

2. Connect the No. 3 terminal to the No. 6 terminal with a jumper wire. Both mirrors should gradually warm up when the ignition switch ON (II).
   - If neither mirror warms up, check for an open in the ORN/WHT wire.
   - If only one fails to warm up, check its mirror defogger element.
   - If both mirrors warm up, check the switch.

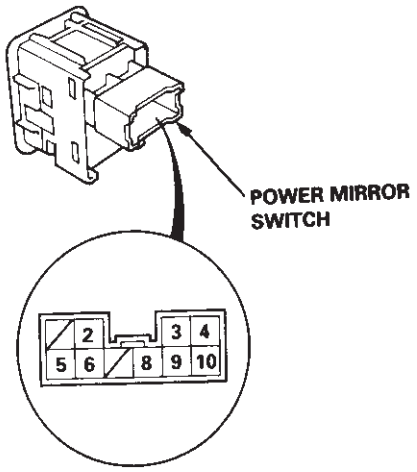
Switch Test

Without defogger:

1. Remove the switch as described in Function Test (see page 23-207).
2. Check for continuity between the terminals in each switch position according to the table.

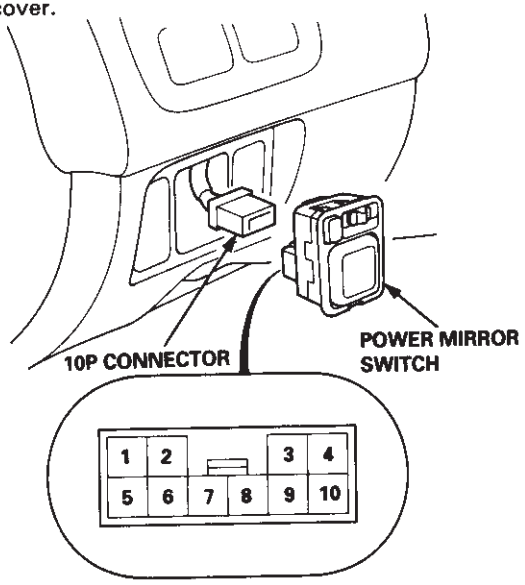
Mirror Switch:

	Position \ Terminal	2	3	4	5	6	8	9
L	UP	○	○	○	○			
	DOWN	○	○	○	○			
	LEFT	○	○	○		○		
	RIGHT	○	○	○		○		
R	UP	○	○	○				○
	DOWN	○	○	○				○
	LEFT	○	○	○			○	
	RIGHT	○	○	○			○	



With defogger:

1. Pry the switch out of the dashboard driver's lower cover.



2. Disconnect the 10P connector from the switch.
3. Check for continuity between the terminals in each switch position according to the table.

Mirror Switch:

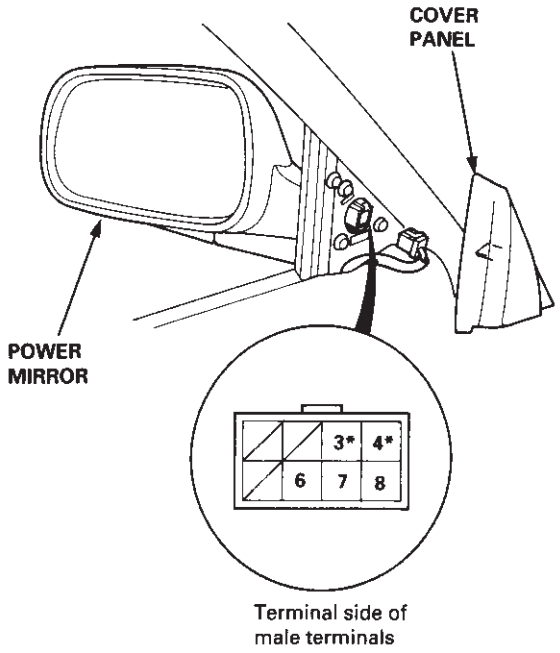
	Position \ Terminal	1	2	4	7	8	9	10
L	UP	○	○	○	○			
	DOWN	○	○	○	○			
	LEFT	○	○		○		○	
	RIGHT	○	○		○		○	
R	UP	○	○	○		○		
	DOWN	○	○	○		○		
	LEFT	○	○			○		○
	RIGHT	○	○			○		○

Defogger Switch:

Position \ Terminal	2		3	6
ON	○	⊣W⊢	○	○
OFF	○	⊣W⊢	○	

Power Mirror Test

1. Pry out the cover panel (see section 20).



*: Canada '99 – 00 models

2. Disconnect the 8P connector from the power mirror.

3. Check actuator operation by connecting power and ground according to the tables.

Terminal / Position	6	7	8
TILT UP		⊖	⊕
TILT DOWN		⊕	⊖
SWING LEFT	⊖	⊕	
SWING RIGHT	⊕	⊖	

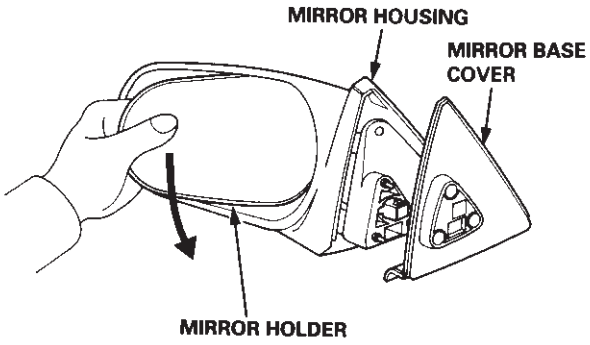
Defogger Test:

4. Check for continuity between the No. 3 and No. 4 terminals of the 8P connector.
There should be continuity.

Mirror Actuator Replacement (Donnelly Type)

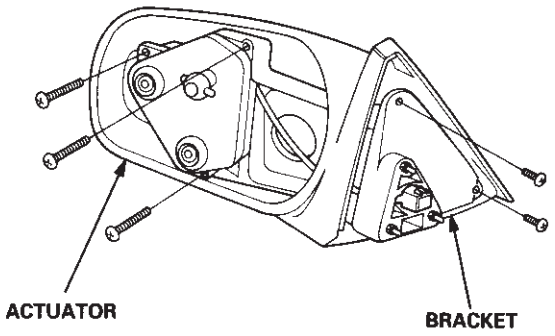
1. Remove the power mirror from the door (see section 20), and disconnect the 8P connector.

2. Remove the mirror base cover from the mirror housing.



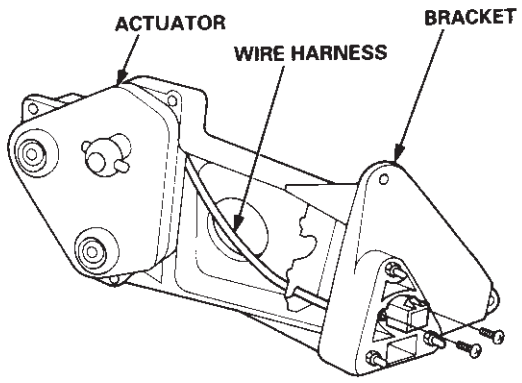
3. Remove the mirror holder from the mirror housing. Gently pull it out by hand.

4. Remove the three screws from the actuator and the two screws from the bracket at the base of the assembly.



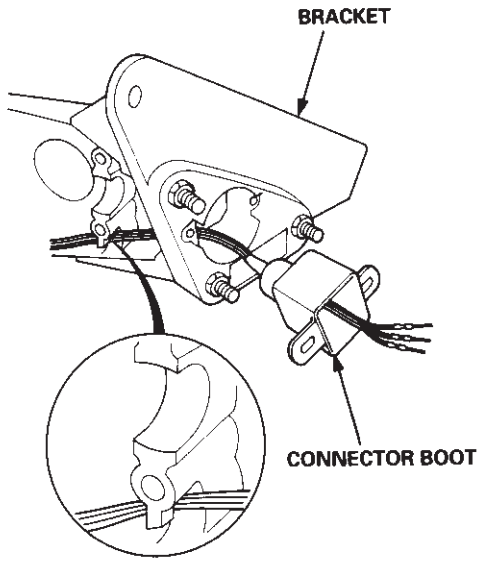
5. Remove the bracket from the housing.

6. Remove the two screws, cut the wire harness, and remove the actuator.



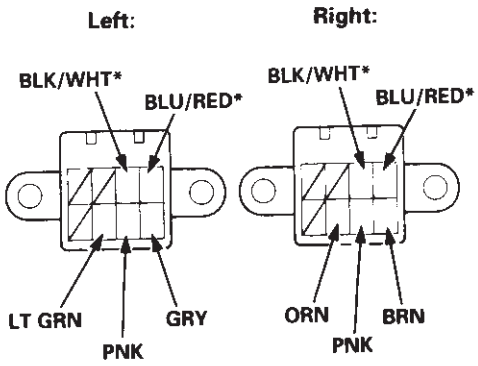
7. Record the terminal locations and wire colors.

8. Route the wire harness of the new actuator through the hole in the bracket. Be sure to pass the wire under the bracket clip.



9. Pass the connector boot over the wire harness.

10. Insert the terminals into the connector in the original arrangement (recorded in step 7), as shown below.



*: Canada '99 – 00 models

11. Apply tape to seal the intersection of the connector boot and the wire harness.

12. Reassemble in the reverse order of disassembly. Be careful not to break the mirror when reinstalling it to the actuator.

13. Reinstall the mirror assembly to the door.

14. Operate the power mirror to check that the actuator works smoothly.