

Power Mirrors



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POWER MIRRORS

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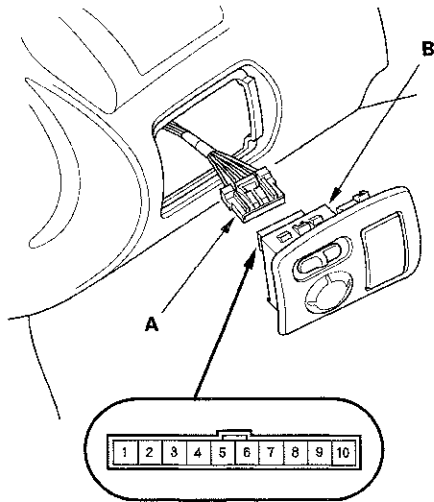
POWER MIRROR SWITCH
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**REAR WINDOW DEFOGGER/
POWER MIRROR DEFOGGER SWITCH**
(Built into the climate control unit)

Power Mirrors

Power Mirror Switch Test/ Replacement

- 1. Carefully pry the switch panel out from the dashboard.
- 2. Disconnect the 10P connector (A) from the power mirror switch (B).



- 3. Check for continuity between the terminals in each switch position according to the table.

Mirror Switch:

Terminal Position	1	2	3	4	7	8	9	10
UP					○			○
DOWN				○				○
LEFT						○		○
RIGHT			○					○
L		○						○
R	○							○

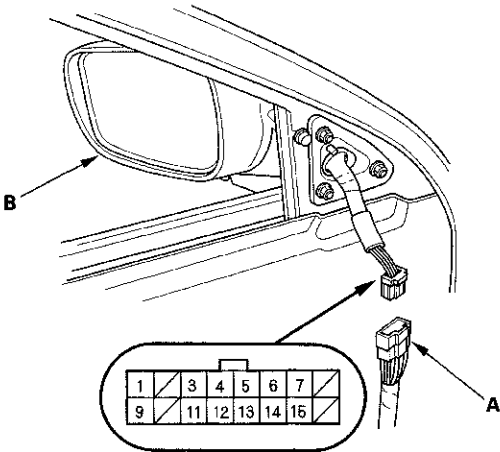
- 4. If the continuity is not as specified, replace the power mirror switch.

Power Mirror Actuator Test

NOTE: The power mirror actuator can be tested by using the HDS and following these steps:

- Select BODY ELECTRICAL from the system select menu.
- Select FUNCTION TEST, and then the appropriate power mirror function test.

- 1. Remove the front door sash inner trim (see page 20-18), and the door panel (see page 20-9).
- 2. Disconnect the 16P connector (A) from the power mirror actuator (B).



Wire side of female terminals

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

Terminal Position	5	6	7
TILT UP		⊖	⊕
TILT DOWN		⊕	⊖
SWING LEFT	⊖	⊕	
SWING RIGHT	⊕	⊖	

- 4. If the mirror fails to work properly, replace the mirror actuator.

Defogger Test

- 5. Measure the resistance between terminals No. 15 and No. 14 of the 16P connector. There should be about 8 Ω or less.

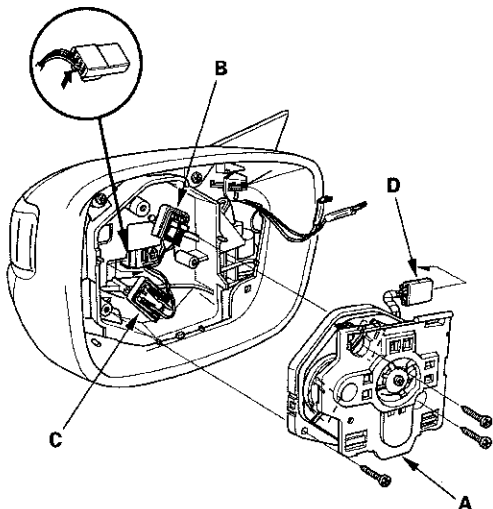
- If the resistance is not as specified, check for an open circuit.
- If there is no open circuit and the harness is OK, replace the mirror holder (see page 22-455).



Power Mirror Actuator Replacement

Actuator Replacement

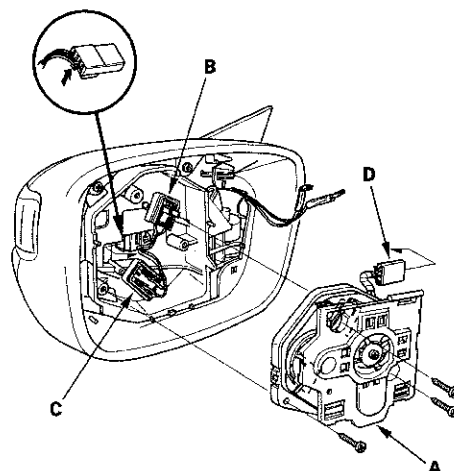
1. Remove the mirror holder (see page 20-38).
2. Remove the three mounting screws from the power mirror actuator (A), then pull the actuator, out slightly.



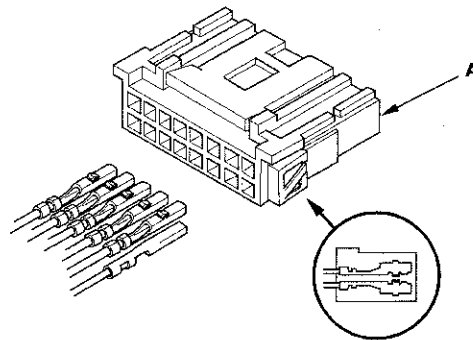
3. Disconnect the gray connector (B) and the black connector (C) from the actuator, then disconnect the position sensor 4P connector (D).
4. Install a new actuator in the reverse order of removal.
5. Operate the power mirror to ensure smooth operation.

Actuator Harness Replacement

1. Remove the front door sash inner trim (see page 20-18), and door panel (see page 20-19).
2. Remove the mirror holder (see page 20-38), then remove the power mirror from the door (see page 20-38).
3. Remove the three mounting screws from the power mirror actuator (A), then pull the actuator, out slightly.



4. Disconnect the gray connector (B) and the black connector (C) from the actuator, then disconnect the position sensor 4P connector (D).
5. Record the power mirror 16P connector terminal locations and wire colors.
6. Disassemble the power mirror 16P connector (A), and remove all the terminals from it.

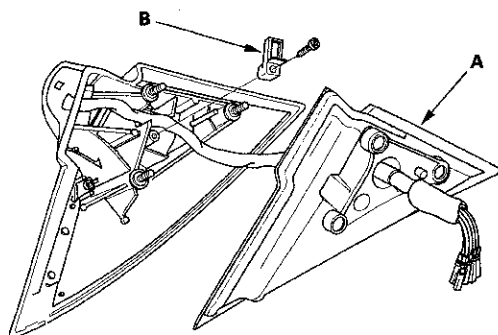


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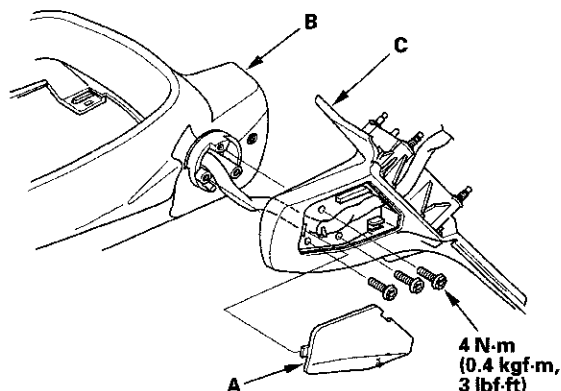
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Power Mirror Actuator Replacement (cont'd)

7. Remove the gasket (A), and remove the screw and clamp (B).



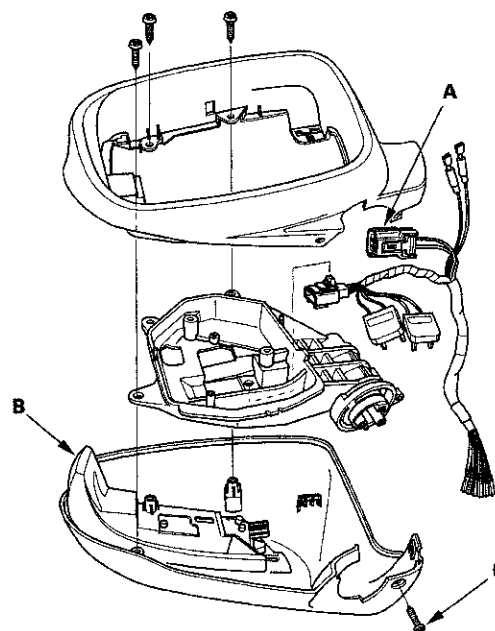
8. Remove the lower cover (A).



9. Remove the three TORX screws, and separate the mirror housing (B) from the bracket (C).

10. Disassemble the mirror housing by removing the four screws, then disconnect the 2P connector (A) from the side turn signal light (B).

NOTE: Remove the screw (C) first.

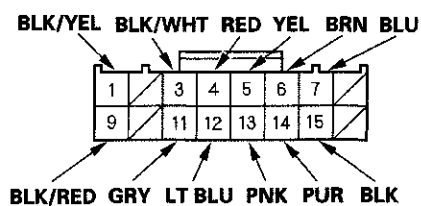


11. Route a new wire harness through the hole in the bracket and the gasket in the reverse order of removal.
12. Connect the connectors to the actuator and the side turn signal light securely.
13. Install the actuator, housing, and the bracket in the reverse order of removal.



14. Insert the new harness terminals into the 16P connector in the original arrangement.

POWER MIRROR 16P CONNECTOR



Wire side of female terminals

15. Apply tape to seal the intersection of the wire harness and the gasket.
16. Install the power mirror on the door, and make sure the actuator, mirror defogger, and side turn signal light operation.