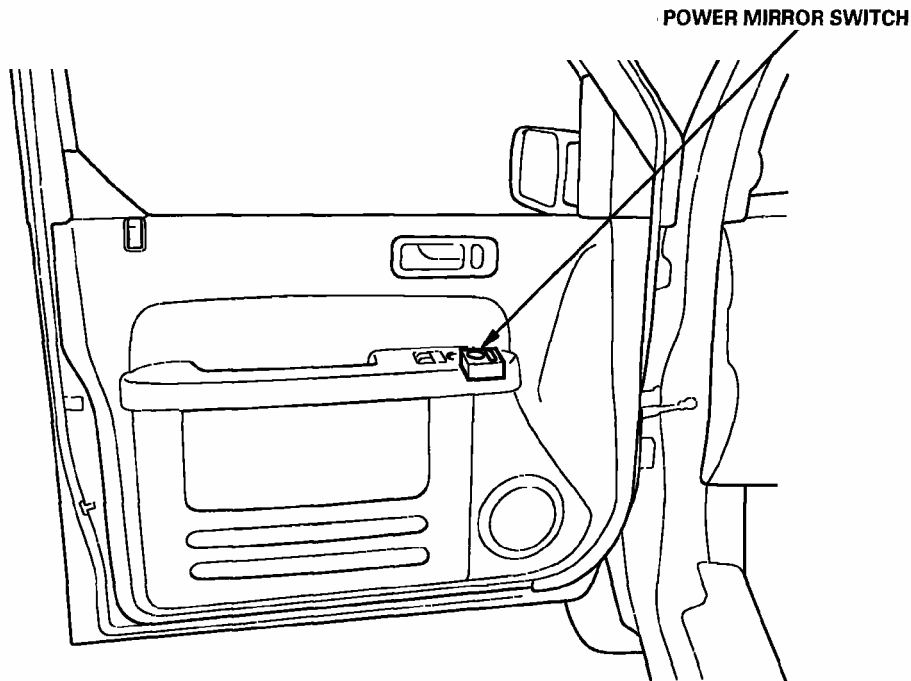
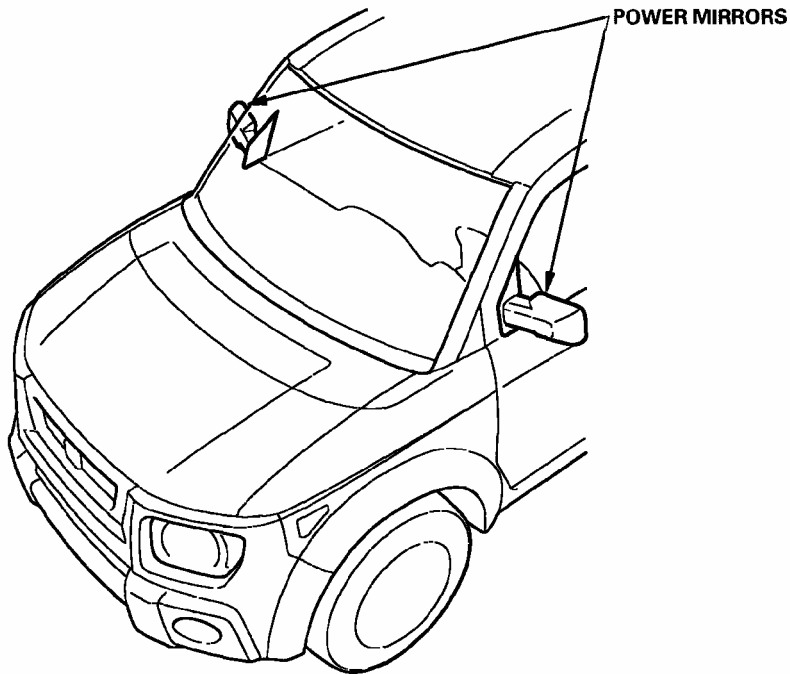


2003-06 ACCESSORIES & EQUIPMENT

Power Mirrors - Element

COMPONENT LOCATION INDEX



G03679800

Fig. 1: Identifying Power Mirrors Component

2004 Honda Element DX

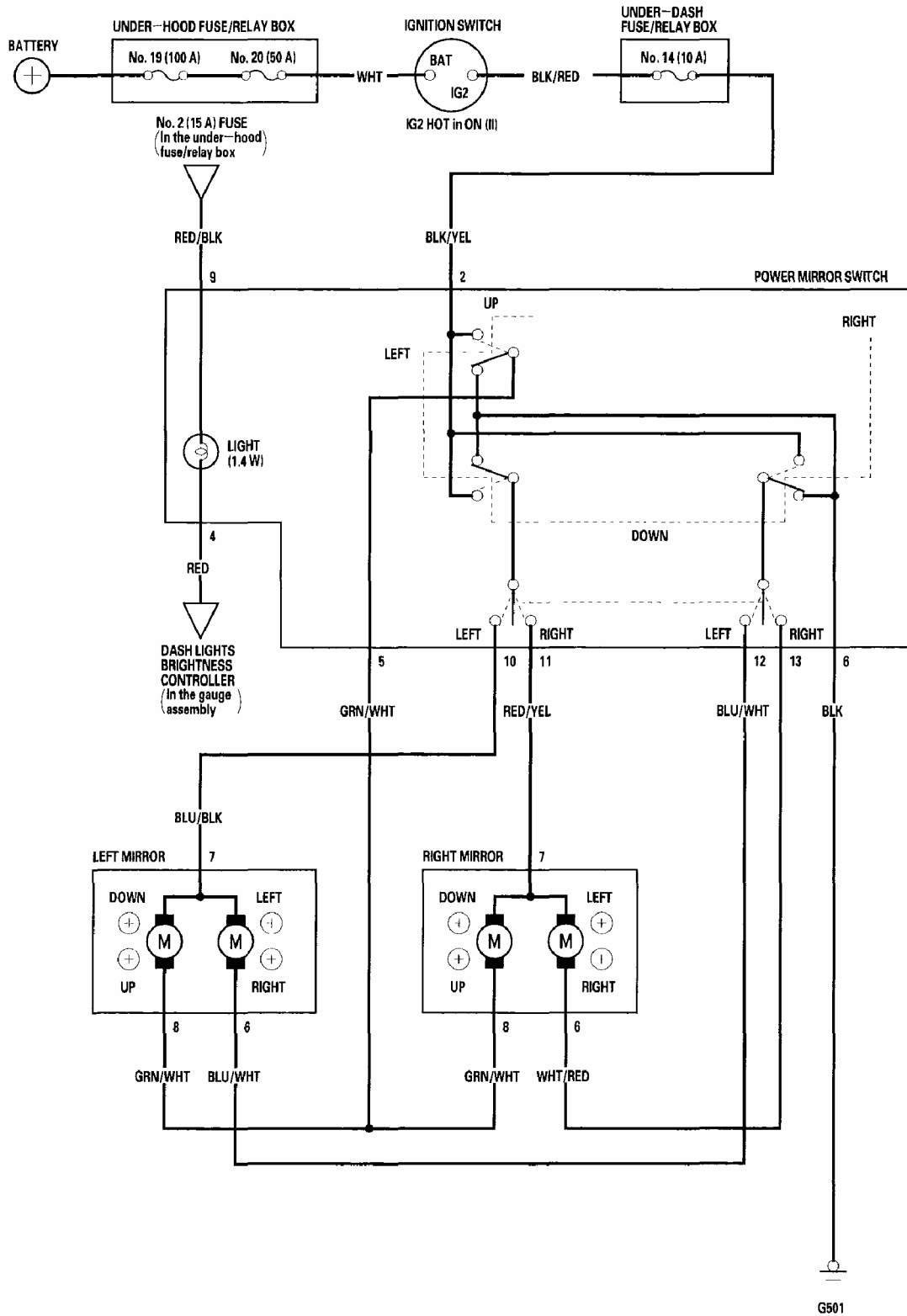
2003-06 ACCESSORIES & EQUIPMENT Power Mirrors - Element

Courtesy of AMERICAN HONDA MOTOR CO., INC.

CIRCUIT DIAGRAM

2004 Honda Element DX

2003-06 ACCESSORIES & EQUIPMENT Power Mirrors - Element



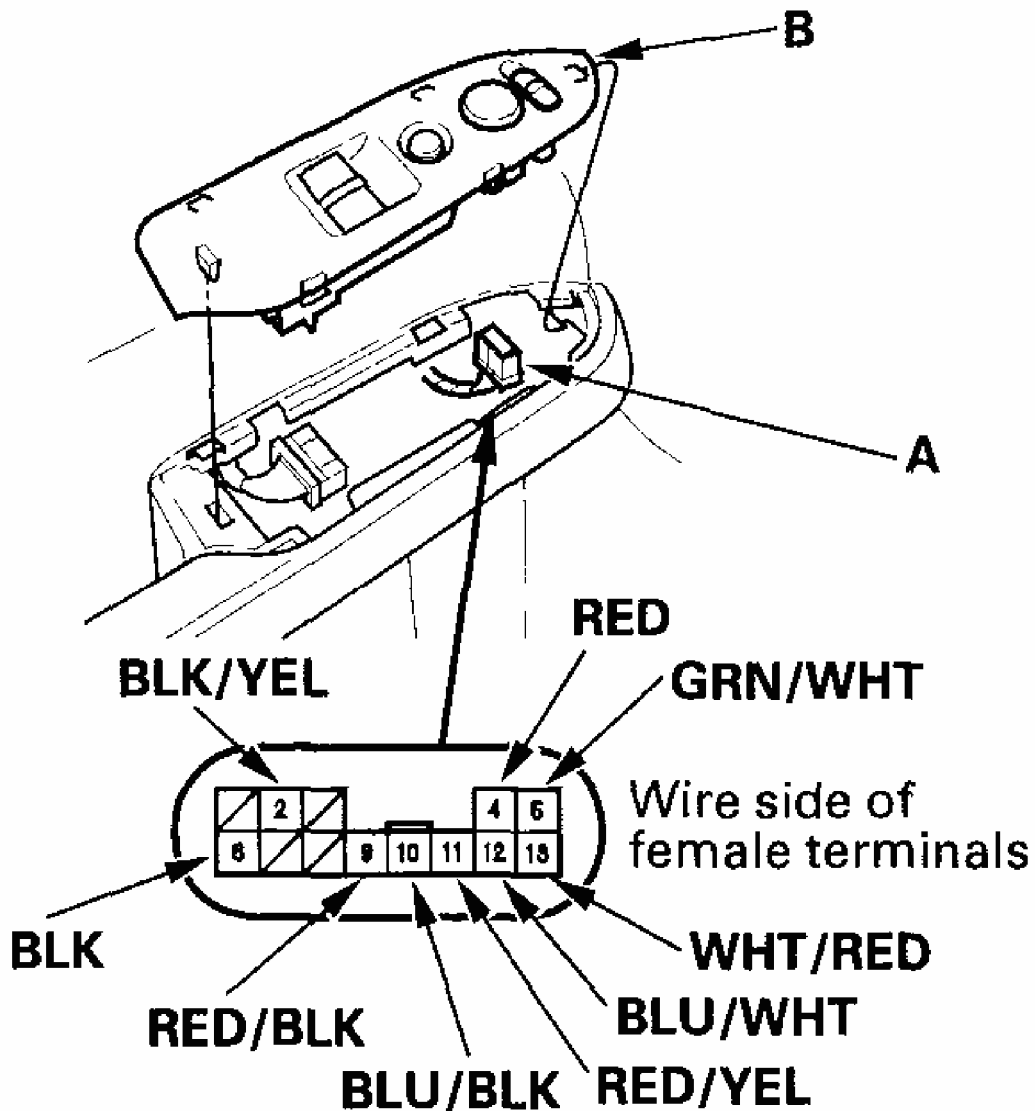
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G501

Fig. 2: Power Mirrors Circuit Diagram
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

FUNCTION TEST

1. Remove the driver's door panel (see **FRONT DOOR PANEL REMOVAL/INSTALLATION**).
2. Disconnect the 13P connector (A) from the power mirror switch (B).



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Fig. 3: Disconnecting The 13P Connector From Power Mirror Switch
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

3. Choose the appropriate test based on the symptom:

- Both mirrors don't work, go to step 4.
- Left mirror doesn't work, go to step 6 .
- Right mirror doesn't work, go to step 7 .

Both mirrors

4. Check for voltage between the No. 2 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. 14 (10 A) fuse in the under-dash fuse/relay box.
 - An open in the BLK/YEL wire.
 - If there is battery voltage, go to step 5.
5. Check for continuity between the No. 6 terminal and body ground.

There should be continuity.

- If there is no continuity, check for:
 - An open in the BLK wire.
 - Poor ground (G501).
- If there is continuity, check both mirrors individually as described in step 6 and step 7 .

Left mirror

6. Connect the No. 2 terminal to the No. 10 terminal, and the No. 5 (then No. 12) terminal to No. 6 terminal with jumper wires. The left mirror should tilt down (then 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 GRN/WHT (or BLU/WHT) wire between the left mirror and the 13P connector. If the wire is OK, check the left mirror actuator (see **POWER MIRROR ACTUATOR TEST**).
 - If the mirror neither tilts down nor swings left, repair the BLU/BLK wire.
 - If the mirror works properly, check the mirror switch (see **POWER MIRROR SWITCH TEST/REPLACEMENT**).

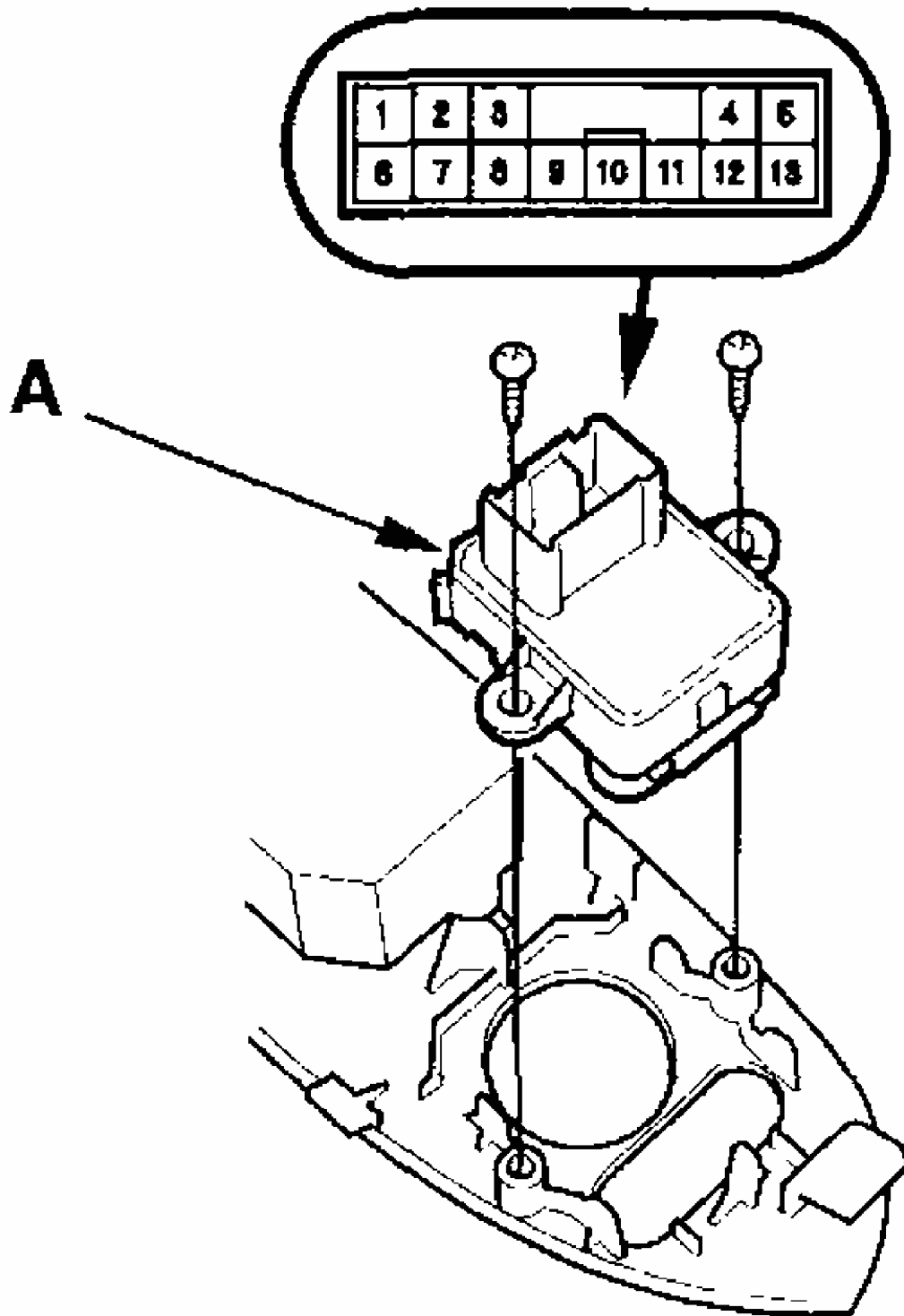
Right mirror

7. Connect the No. 2 terminal to the No. 11 terminal, and the No. 5 (then No. 13) terminal to No. 6 terminal with jumper wires. The right mirror should tilt down (then 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 GRN/WHT (or WHT/RED) wire between the right mirror and the 13P connector. If the wire is OK, check the right mirror actuator (see **POWER MIRROR SWITCH TEST/REPLACEMENT**).
- If the mirror neither tilts down nor swings left, repair the RED/YEL wire.
- If the mirror works properly, check the mirror switch (see **POWER MIRROR SWITCH TEST/REPLACEMENT**).

POWER MIRROR SWITCH TEST/REPLACEMENT

1. Remove the driver's door panel (see **FRONT DOOR PANEL REMOVAL/INSTALLATION**).
2. Disconnect the 13P connector from the power mirror switch (A).



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Fig. 4: Disconnecting The 13P Connector From The Power Mirror Switch

Courtesy of AMERICAN HONDA MOTOR CO., INC.

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

Terminal Position		2	5	6	10	11	12	13
L	UP	○	○	○	○			
	DOWN	○		○	○			
	LEFT	○		○	○		○	
	RIGHT	○		○	○		○	
R	UP	○	○	○	○			
	DOWN	○		○	○			
	LEFT	○		○	○		○	
	RIGHT	○		○	○			○

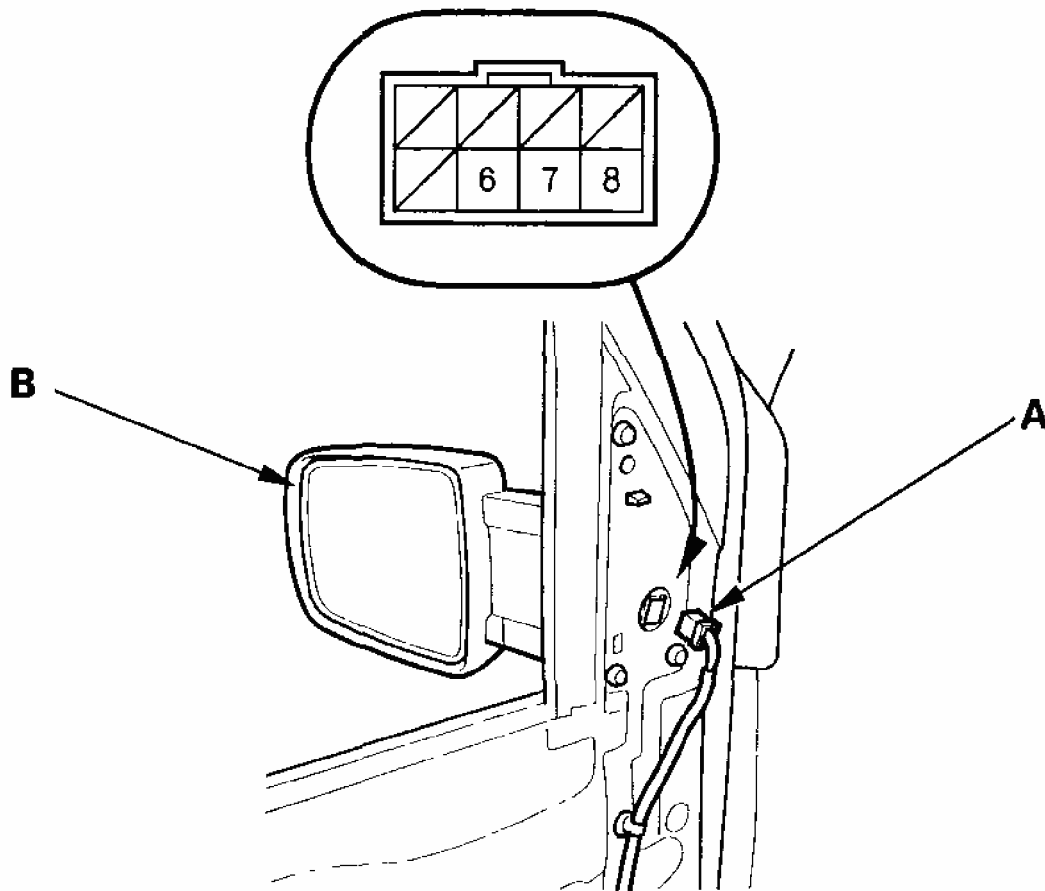
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Fig. 5: Checking Continuity Between The Terminals In Each Switch Position
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

4. If the continuity is not as specified, remove the screws and replace the switch.

POWER MIRROR ACTUATOR TEST

1. Remove the door panel (see **FRONT DOOR PANEL REMOVAL/INSTALLATION**).
2. Disconnect the 8P connector (A) from the power mirror actuator (B).



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Fig. 6: Disconnecting 8P Connector From Power Mirror Actuator
Courtesy of AMERICAN HONDA MOTOR CO., INC.

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

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

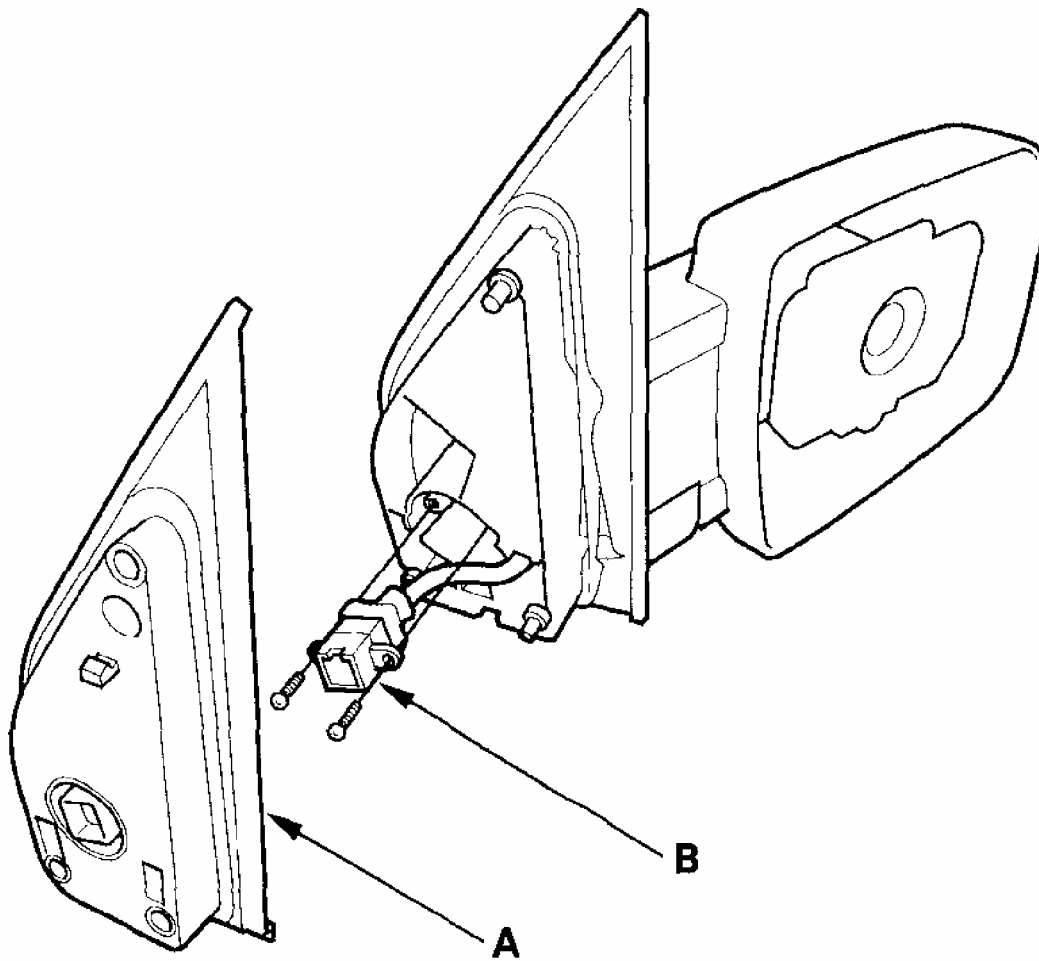
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Fig. 7: Checking Actuator Operation By Connecting Power And Ground
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

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

POWER MIRROR ACTUATOR REPLACEMENT

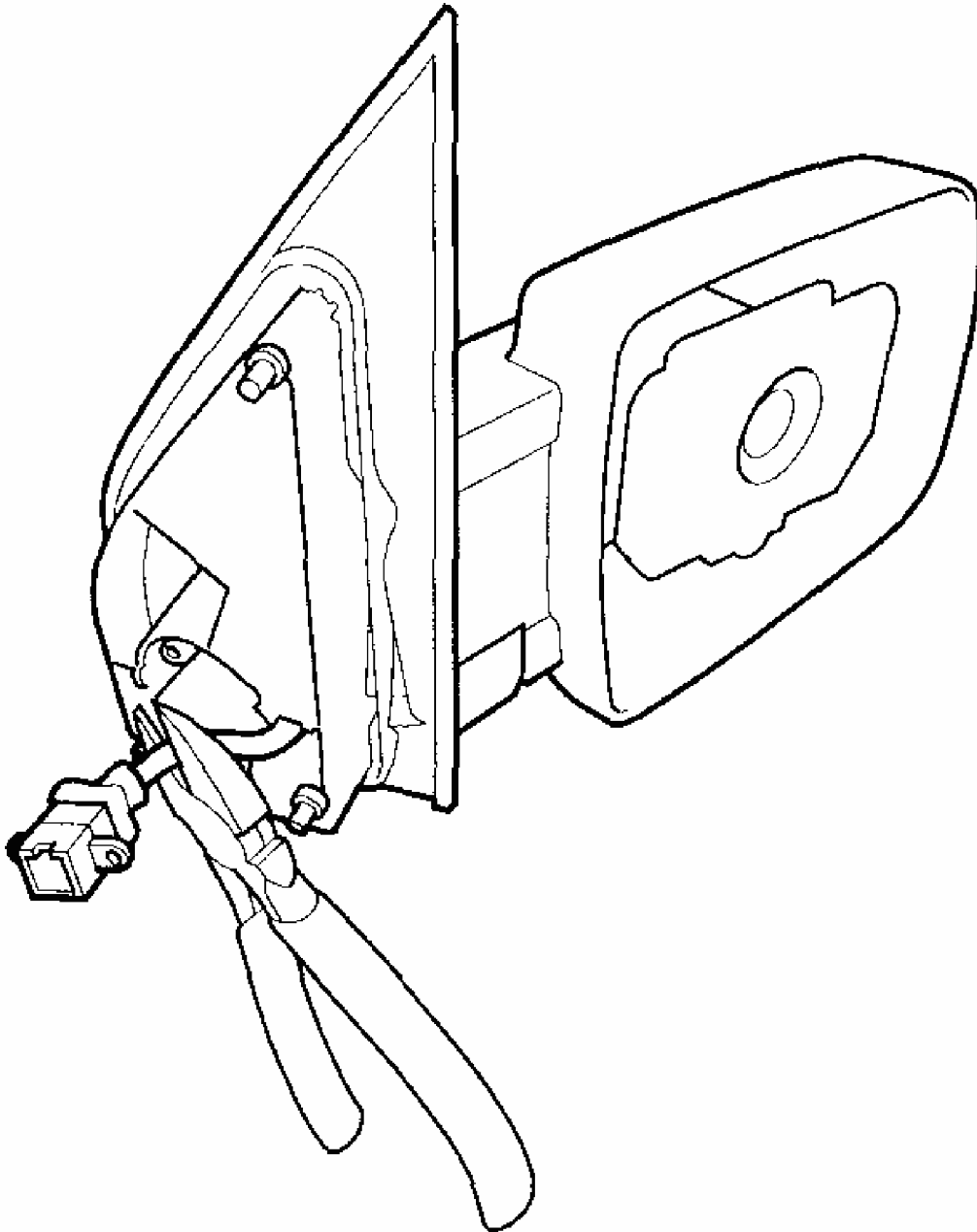
1. Remove the mirror holder (see **MIRROR HOLDER REPLACEMENT**).
2. Disconnect the 6P connector from the mirror, and remove the power mirror (see **POWER MIRROR/MANUAL MIRROR REPLACEMENT**).
3. Remove the cover (A), then remove the two screws from the mirror connector (B).



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Fig. 8: Removing The Cover
Courtesy of AMERICAN HONDA MOTOR CO., INC.

4. Record the terminal locations and wire colors.
5. Cut the wire harness with the wire cutter.

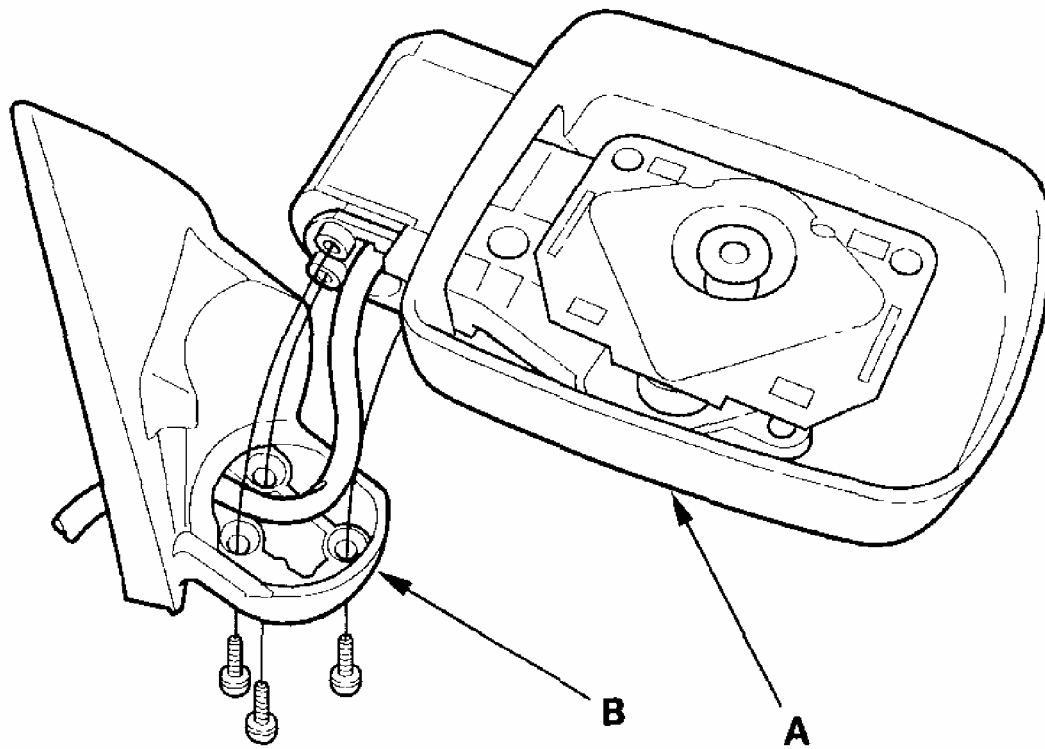


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Fig. 9: Cutting The Wire Harness

Courtesy of AMERICAN HONDA MOTOR CO., INC.

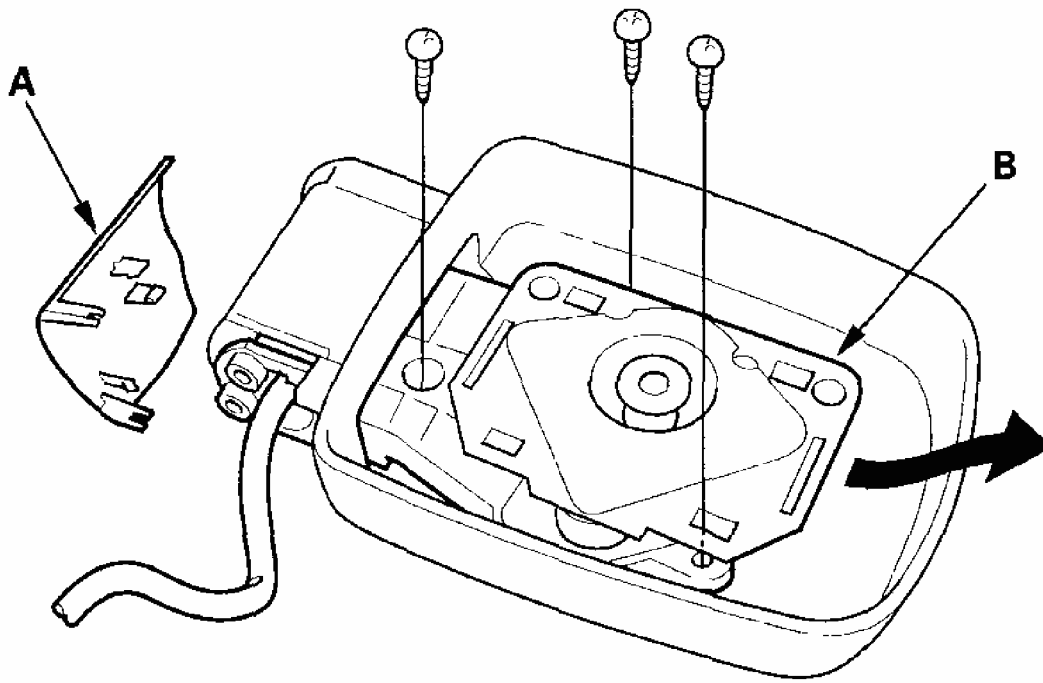
6. Remove the three screws, and separate the mirror housing (A) from the bracket (B).



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Fig. 10: Separating Mirror Housing From Bracket
Courtesy of AMERICAN HONDA MOTOR CO., INC.

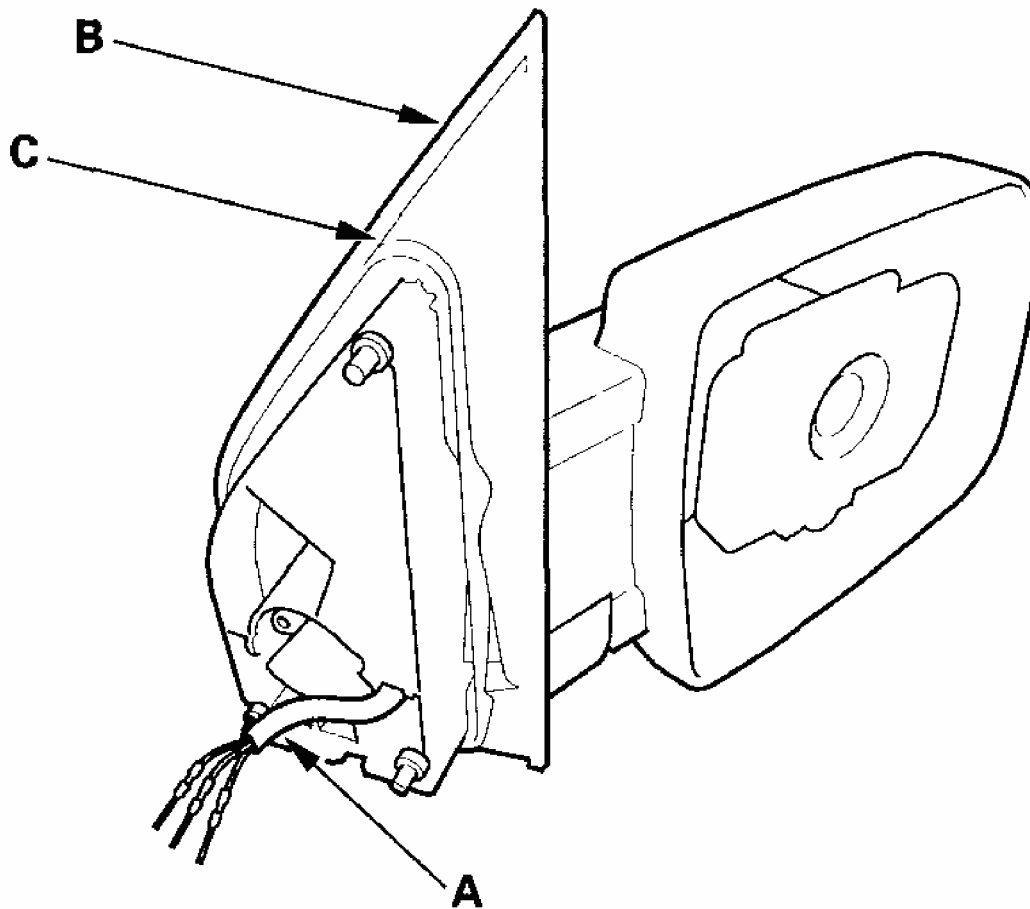
7. Remove the cover (A), then remove the three screws and the actuator (B).



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Fig. 11: Removing The Cover And Actuator
Courtesy of AMERICAN HONDA MOTOR CO., INC.

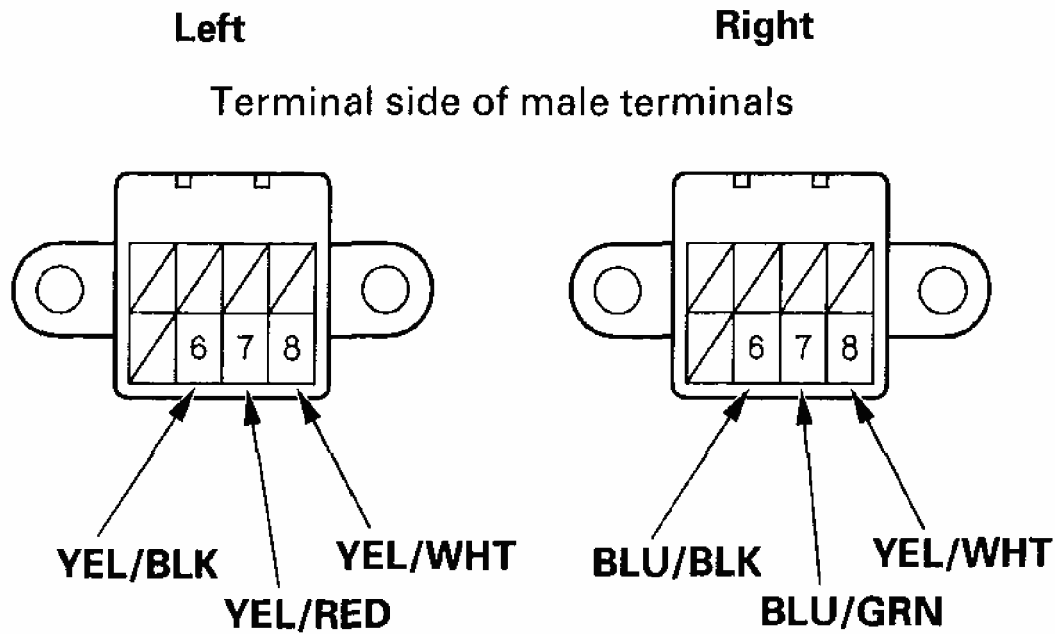
8. Route the wire harness (A) of the new actuator through the hole in the bracket (B) and gasket (C).



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Fig. 12: Identifying Route The Wire Harness Of The New Actuator
Courtesy of AMERICAN HONDA MOTOR CO., INC.

9. Install the actuator, bracket, and cover in the reverse order of removal.
10. Insert the new actuator terminals into the connector in the original arrangement as shown.



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Fig. 13: Inserting New Actuator Terminals Into The Connector
Courtesy of AMERICAN HONDA MOTOR CO., INC.

11. Reassemble in the reverse order of disassembly. Be careful not to break the mirror holder when reinstalling it to the actuator.
12. Reinstall the mirror assembly to the door.
13. Operate the power mirror to ensure smooth operation.