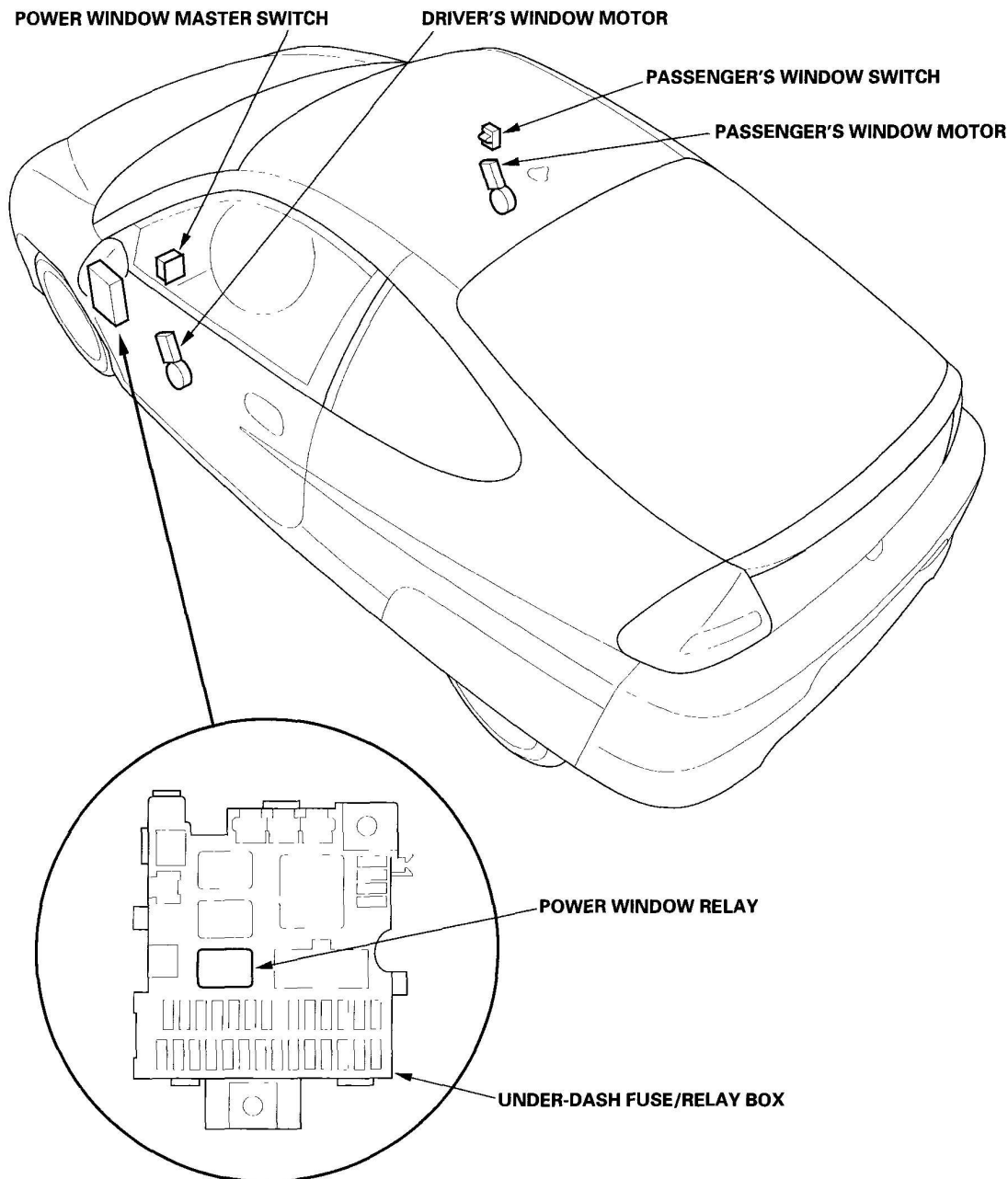


**2000-06 ACCESSORIES & EQUIPMENT**

**Power Windows - Insight**

**COMPONENT LOCATION INDEX**

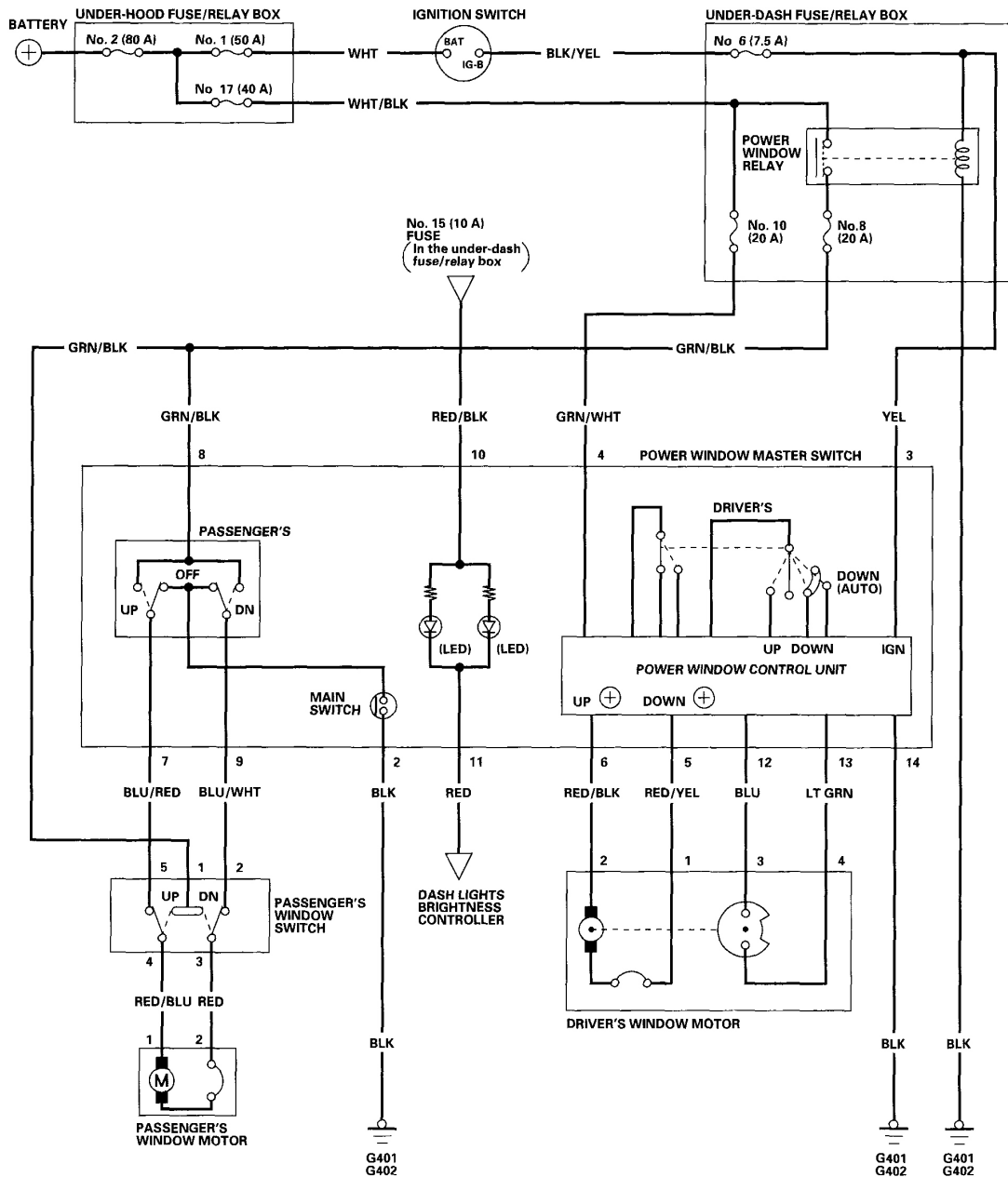


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**Fig. 1: Identifying Power Windows Component Location**

Courtesy of AMERICAN HONDA MOTOR CO., INC.

## CIRCUIT DIAGRAM



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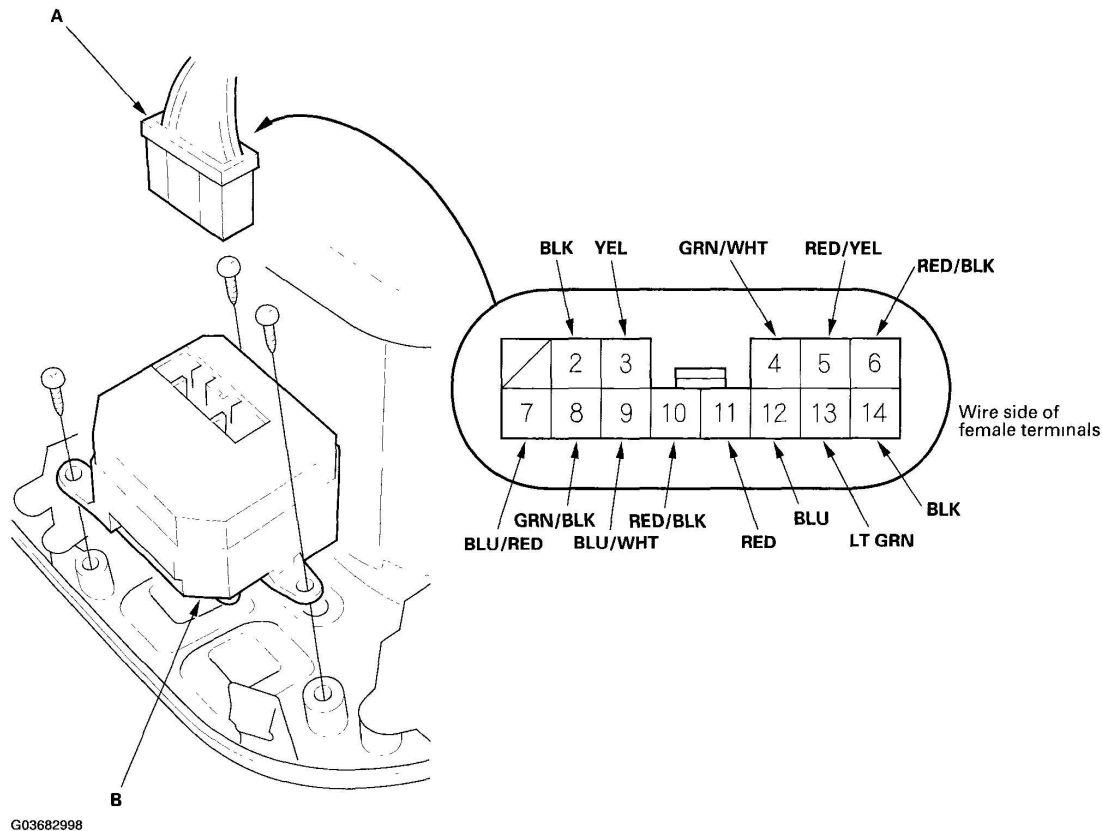
**Fig. 2: Circuit Diagram - Power Windows**

Courtesy of AMERICAN HONDA MOTOR CO., INC.

## MASTER SWITCH INPUT TEST

**NOTE:** The power window control unit is built into the power window master switch, and it only controls the driver's window operations.

1. Remove the instrument panel (see **INSTRUMENT PANEL REMOVAL/INSTALLATION** ).
2. Disconnect the 14P connector (A) from the master switch (B).



**Fig. 3: Disconnecting 14P Connector From Master Switch**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.

3. Inspect the connector and socket terminals to be sure they are all making good contact.
  - If the terminals are bent, loose or corroded, repair them as necessary, and recheck the system.

- If the terminals look OK, go to step 4.
- 4. With the connectors still disconnected, make this input test at the connector.
  - If the test indicates a problem, find and correct the cause, then recheck the system.
  - If the input test proves OK, go to step 5.

### CONNECTOR INPUT TEST REFERENCE

Cavity	Wire	Test condition	Test: Desired result	Possible cause if result is not obtained
5	RED/YEL	Connect the No. 4 and No. 5 terminals, and the No. 6 and No. 14 terminals, then turn the ignition switch ON (II).	Check for driver's window motor operation: It should run (the driver's window moves down)	<ul style="list-style-type: none"> <li>• Faulty driver's window motor</li> <li>• An open in the wire</li> </ul>
6	RED/BLK			
7	BLU/RED	Connect the No. 8 and No. 9 terminals, and the No. 7 and No. 2 terminals, then turn the ignition switch ON (II).	Check for passenger's window motor operation: It should run (the passenger's window moves down).	<ul style="list-style-type: none"> <li>• Faulty passenger's window motor</li> <li>• Faulty passenger's window switch</li> <li>• An open in the wire</li> </ul>
9	BLU/WHT			
10	RED/BLK	Combination light switch ON	Check for voltage to ground: There should be	<ul style="list-style-type: none"> <li>• Blown No. 15 (10 A) fuse in the under-dash fuse/relay box</li> <li>• Faulty combination light switch</li> </ul>

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			battery voltage.	<ul style="list-style-type: none"> <li>Faulty taillight relay</li> <li>An open in the wire</li> </ul>
11	RED	Combination light switch ON	Connect to ground: The dash lights should come on full bright.	An open in the wire

5. Reconnect the connectors to the switch, and make these input tests at the appropriate connectors.

- If any test indicates a problem, find and correct the cause, then recheck the system.
- If all the input tests prove OK, the power window master switch must be faulty, replace the switch.

### CONNECTOR INPUT TEST REFERENCE

Cavity	Wire	Test condition	Test: Desired result	Possible cause if result is not obtained
2	BLK	Under all conditions	Check for voltage to ground: There should be less than 1 V.	<ul style="list-style-type: none"> <li>Poor ground (G401, G402)</li> <li>An open in the wire</li> </ul>
14				
4	GRN/WHT	Under all conditions	Check for voltage to ground: There should be	<ul style="list-style-type: none"> <li>Blown No. 17 (40 A) fuse in the under-hood fuse/relay box</li> <li>Blown No.</li> </ul>

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			battery voltage.	10 (20 A) fuse in the under-dash fuse/relay box <ul style="list-style-type: none"> <li>• An open in the wire</li> </ul>
3	YEL	Ignition switch ON (II)	Check for voltage to ground: There should be battery voltage.	<ul style="list-style-type: none"> <li>• Blown No. 6 (7.5 A) fuse in the under-dash fuse/relay box</li> <li>• An open in the wire</li> </ul>
8	GRN/BLK	Ignition switch ON (II)	Check for voltage to ground: There should be battery voltage.	<ul style="list-style-type: none"> <li>• Blown No. 6 (7.5 A) fuse in the under-dash fuse/relay box</li> <li>• Blown No. 8 (20 A) fuse in the under-dash fuse/relay box</li> <li>• Faulty power window relay</li> <li>• An open in the wire</li> </ul>
			Check for voltage between	

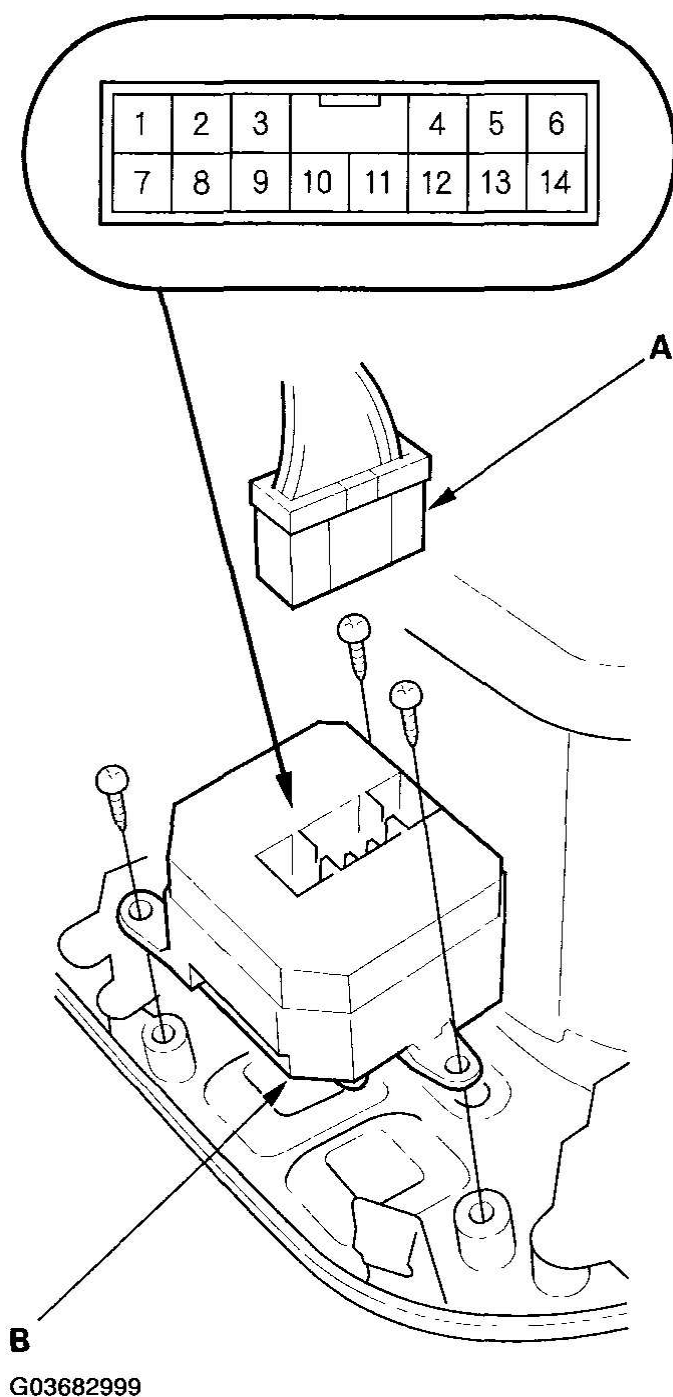
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12	BLU	Ignition switch ON (II), and driver's window switch in the AUTO DOWN position	the No. 12 and No. 13 terminals: With an analog voltmeter, there should be 0 to about 3 V to 0 to about 3 V repeatedly. (The ohmmeter needle should move back and forth alternately.) With a digital voltmeter, there should be a steady 1.5-2.0 V.	<ul style="list-style-type: none"><li>• Faulty driver's window motor</li><li>• An open in the wire</li></ul>
13	LT GRN			

### MASTER SWITCH TEST/REPLACEMENT

1. Remove the instrument panel (see **INSTRUMENT PANEL REMOVAL/INSTALLATION** ).
2. Disconnect the 14P connector (A) from the power window master switch (B).



**Fig. 4: Disconnecting 14P Connector From Power Window Master Switch**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.



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

### Driver's Switch

The driver's switch is combined with the control unit, so you cannot isolate the switch to test it. Instead, run the master switch input test (see **MASTER SWITCH INPUT TEST** ). If the tests are normal, the driver's switch must be faulty.

### Passenger's Switch

Position	Terminal	2	7	8	9
	Main Switch				
OFF	ON	○—○	○—○		○—○
	OFF		○—○	○—○	○—○
UP	ON	○—○	○—○	○—○	○—○
	OFF		○—○	○—○	
DOWN	ON	○—○		○—○	○—○
	OFF			○—○	○—○

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**Fig. 5: Passenger's Switch Continuity Checking Reference Table**  
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

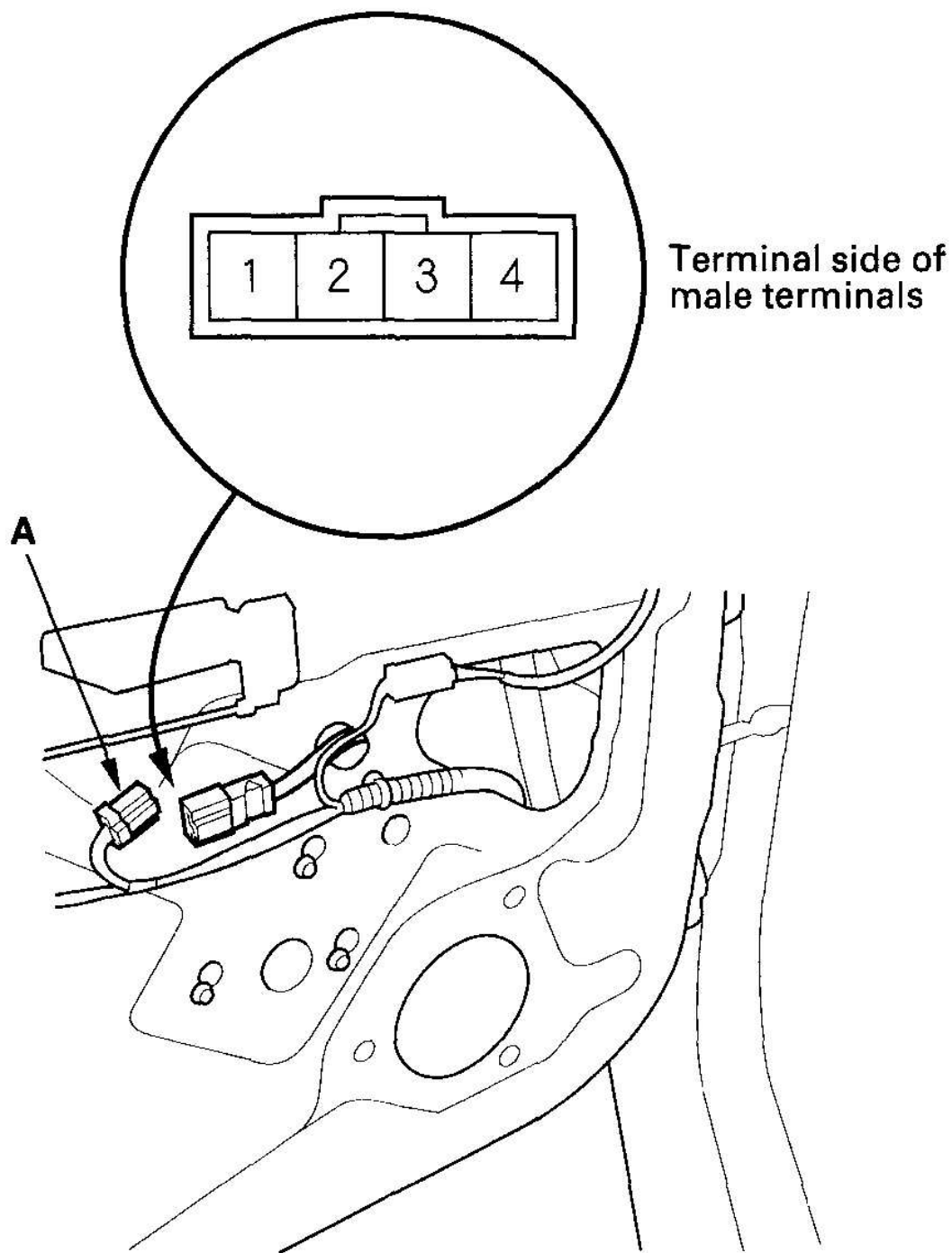
- If the continuity is not as specified, remove the three screws and replace the

switch.

## **DRIVER'S WINDOW MOTOR TEST**

### **MOTOR TEST**

1. Remove the door panel (see **DOOR PANEL REMOVAL/INSTALLATION** ).
2. Disconnect the 4P connector (A) from the driver's window motor.



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**Fig. 6: Disconnecting 4P Connector From Driver's Window Motor**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

3. Test the motor in each direction by connecting battery power and ground according to the table. When the motor stops running, disconnect one lead immediately.

<b>Terminal</b>		
<b>Direction</b>	<b>1</b>	<b>2</b>
<b>UP</b>	⊖	⊕
<b>DOWN</b>	⊕	⊖

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**Fig. 7: Battery Connection Reference Table**  
**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

4. If the motor does not run or fails to run smoothly, replace it.

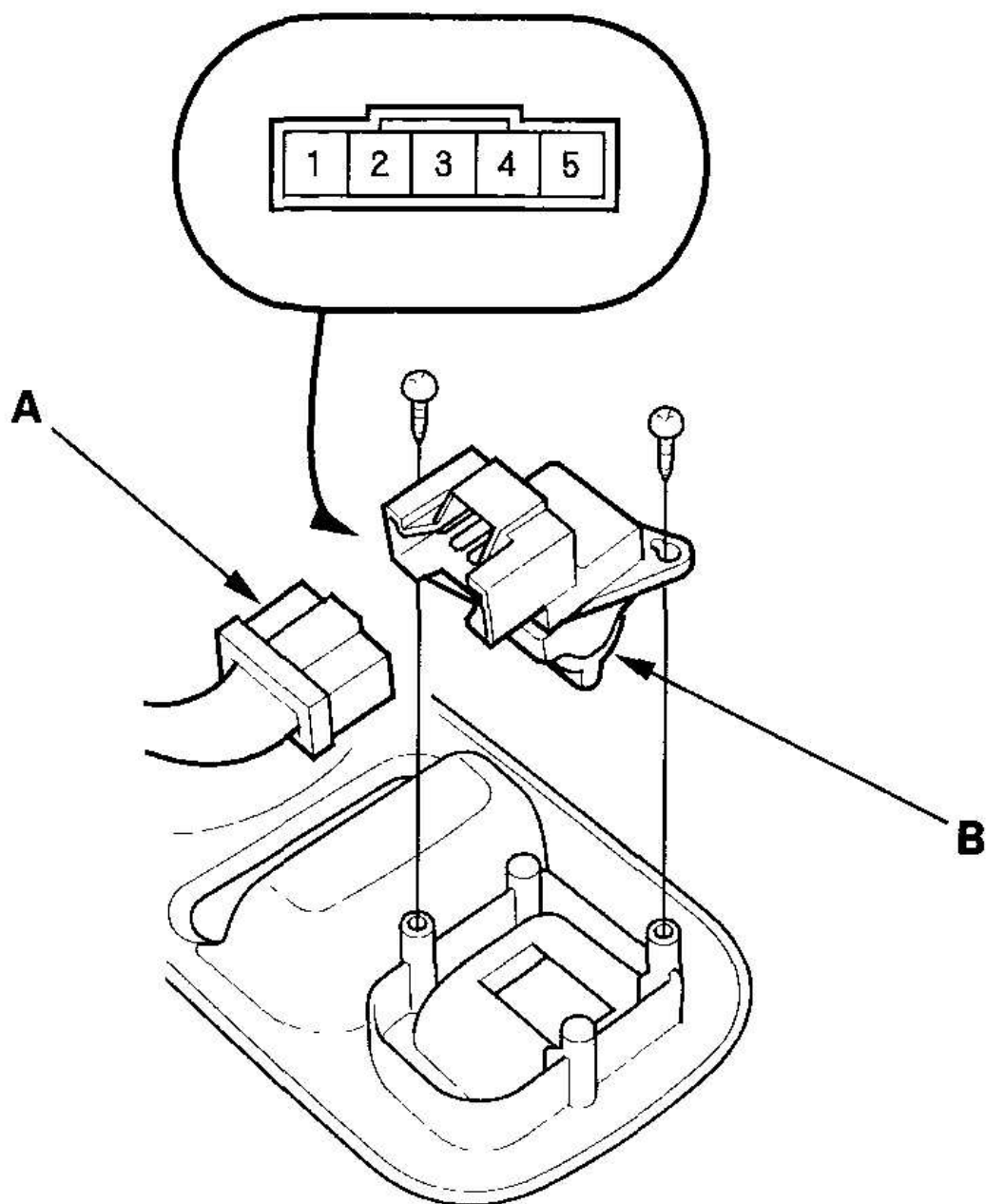
**PULSER TEST**

1. Connect the test leads of an analog ohmmeter to the No. 3 and No. 4 terminals.
2. Run the motor by connecting power and ground to the No. 1 and No. 2 terminals. The ohmmeter needle should move back and forth alternately. If it does not, replace the driver's power window motor.

**PASSENGER'S WINDOW SWITCH TEST/ REPLACEMENT**

1. Remove the passenger's door panel (see **DOOR PANEL REMOVAL/INSTALLATION** ).

2. Disconnect the 5P connector (A) from the passenger's power window switch (B).



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**Fig. 8: Disconnecting 5P Connector From Passenger's Power Window Switch****Courtesy of AMERICAN HONDA MOTOR CO., INC.**

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

<b>Terminal Position</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>UP</b>	○	○	○	○	
<b>OFF</b>		○	○	○	○
<b>DOWN</b>	○		○	○	○

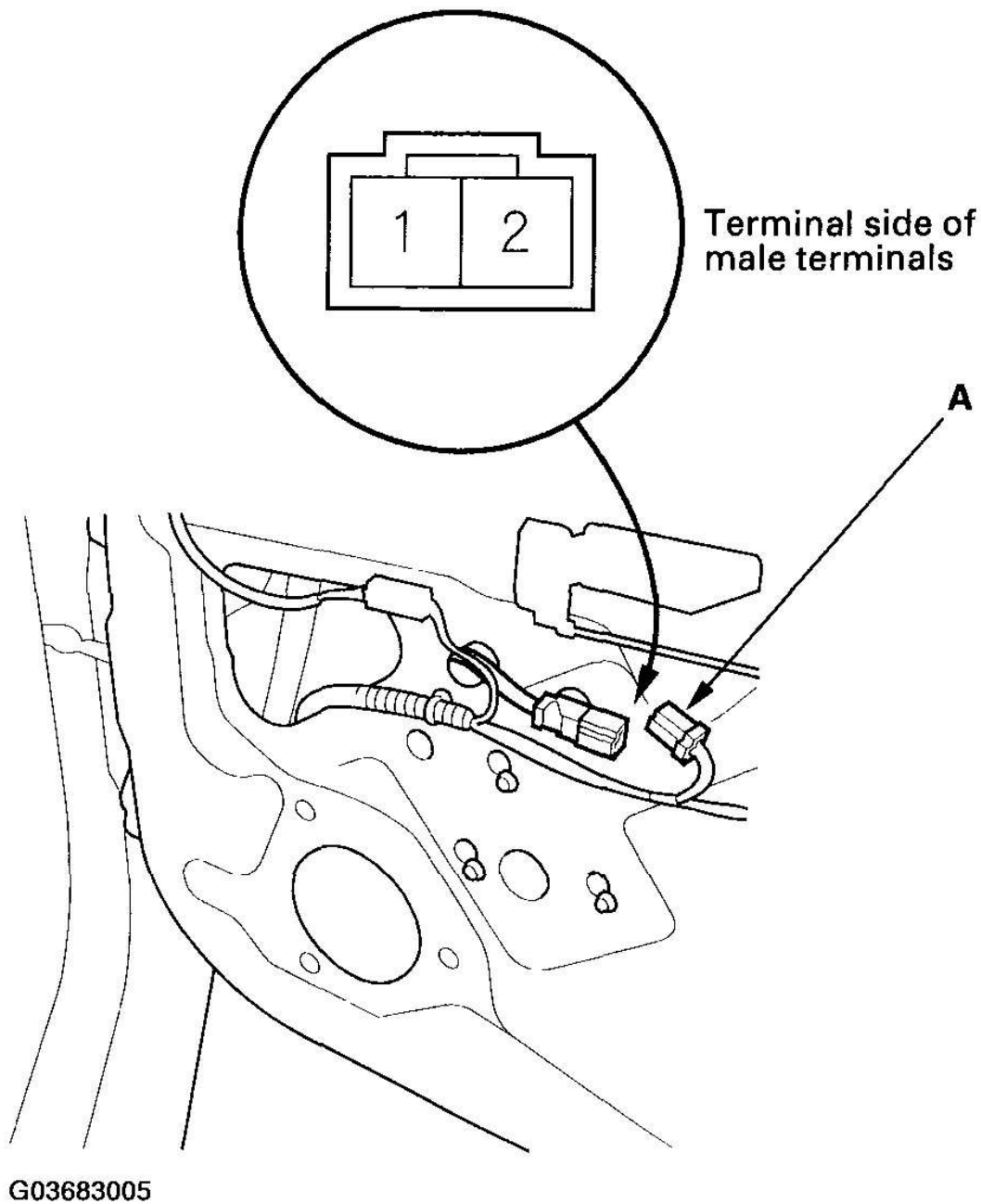
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**Fig. 9: Power Window Switch Terminals Continuity Checking Reference Table****Courtesy of AMERICAN HONDA MOTOR CO., INC.**

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

**PASSENGER'S WINDOW MOTOR TEST**

1. Remove the passenger's door panel (see **DOOR PANEL REMOVAL/INSTALLATION** ).
2. Disconnect the 2P connector (A) from the passenger's power window motor.



**Fig. 10: Disconnecting 2P Connector From Passenger's Power Window Motor**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

3. Check window motor operation by connecting power and ground according to

the table. When the motor stops running, disconnect one lead immediately.

<b>Terminal</b>	<b>1</b>	<b>2</b>
<b>Direction</b>		
<b>UP</b>	⊕	⊖
<b>DOWN</b>	⊖	⊕

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**Fig. 11: Power And Ground Connection Reference Table**  
**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

4. If the motor does not run or fails to run smoothly, replace it.