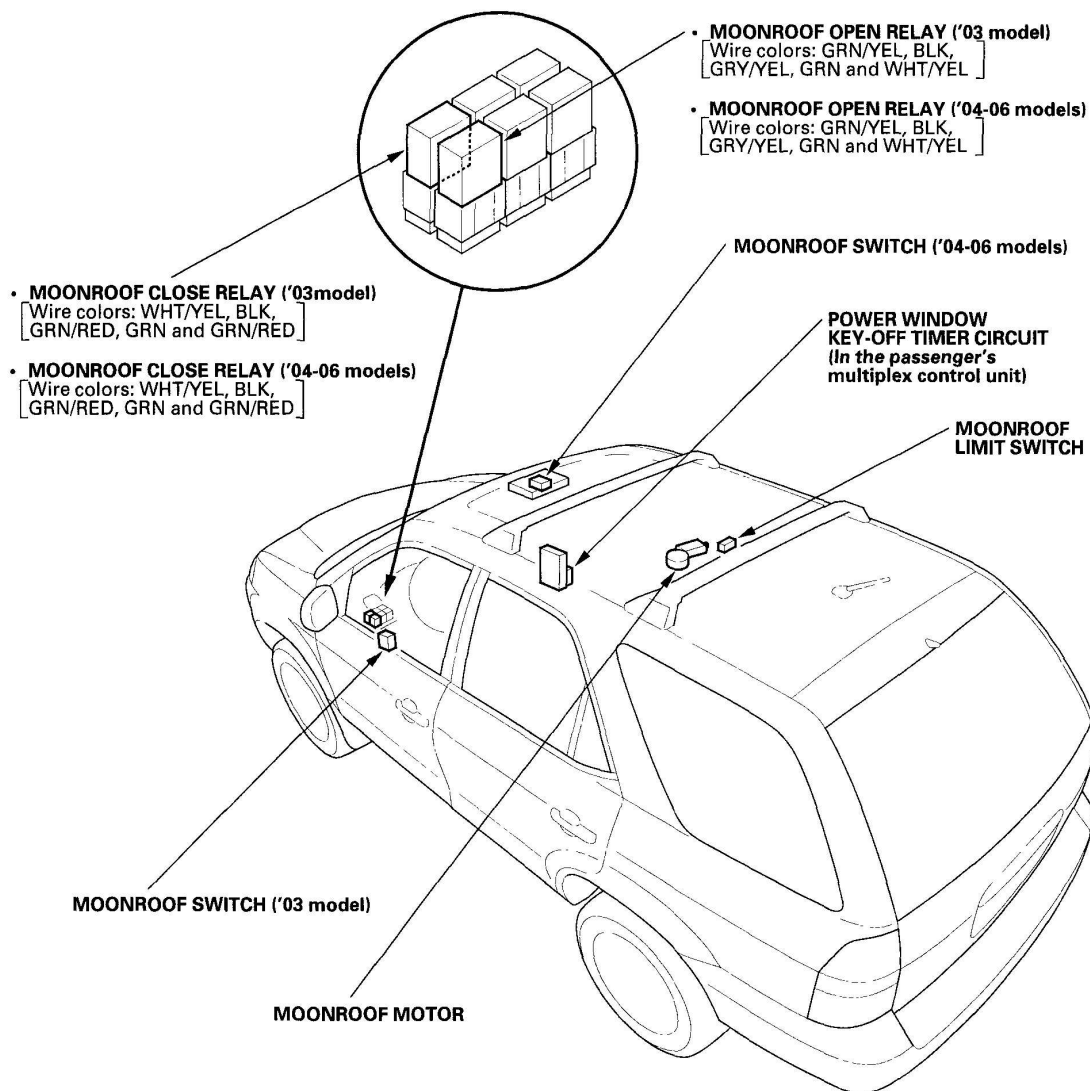


2003-06 ACCESSORIES & EQUIPMENT

Power Moonroof - MDX

COMPONENT LOCATION INDEX



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Fig. 1: Identifying Moonroof Components
Courtesy of AMERICAN HONDA MOTOR CO., INC.

CIRCUIT DIAGRAM

2006 Acura MDX

2003-06 ACCESSORIES & EQUIPMENT Power Moonroof - MDX

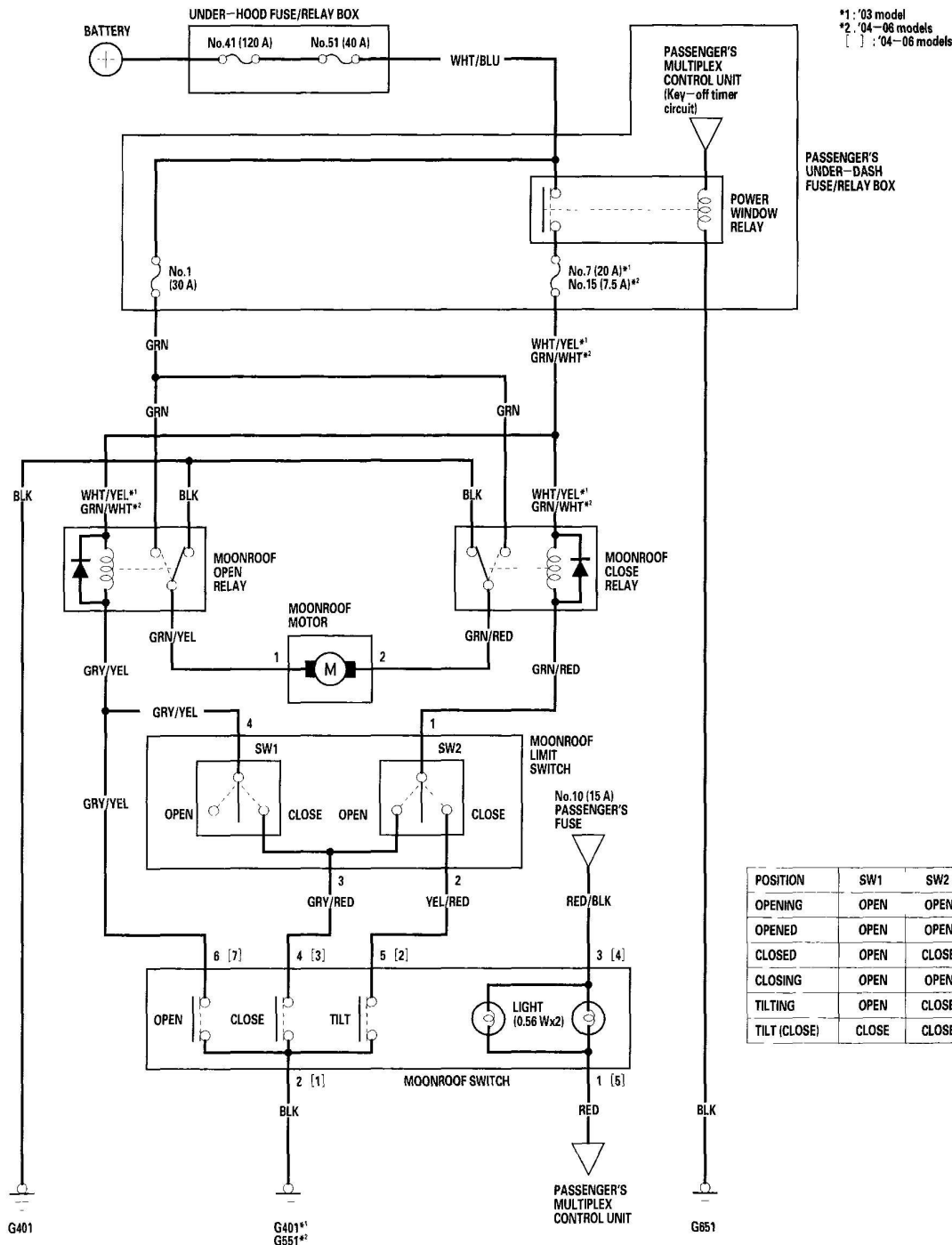


Fig. 2: Circuit Diagram - Moonroof
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

SWITCH TEST

2006 Acura MDX
2003-06 ACCESSORIES & EQUIPMENT Power Moonroof - MDX

'03 MODEL

NOTE: **The moonroof can still be operated for about 10 minutes after the ignition switch is turned from the "II" to the "I" or "0" positions, as long as none of the doors have been opened. This provides a convenience to parked occupants while offering a degree of security against unwanted or accidental moonroof operation.**

1. Carefully push out the moonroof switch (A) from behind the dashboard, then disconnect the 6P connector (B) from the switch.

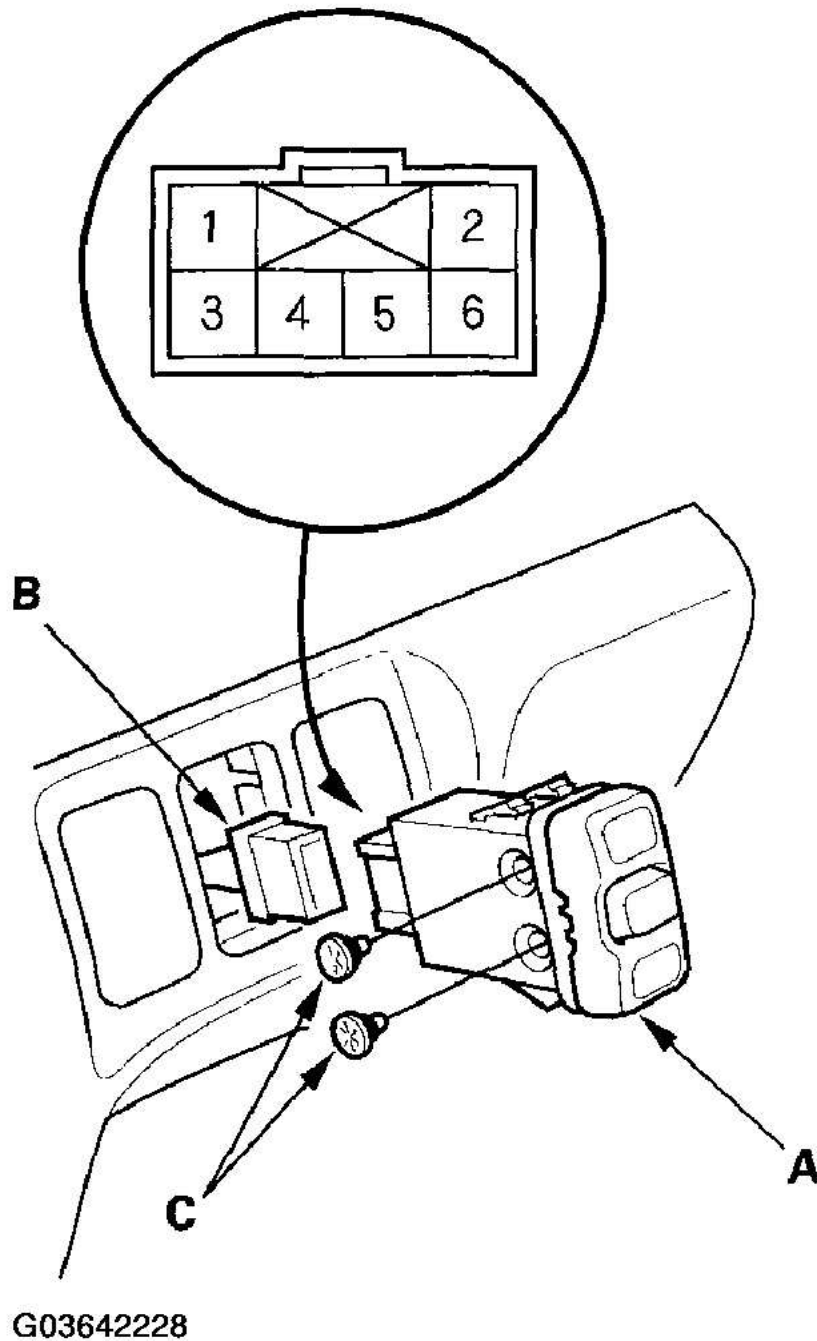


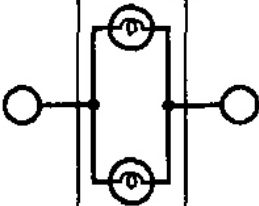


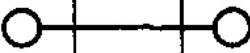

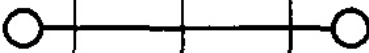
Fig. 3: Removing Moonroof Switch

Courtesy of AMERICAN HONDA MOTOR CO., INC.

2. Check for continuity between the terminals in each switch position according to **Fig. 4**.

2006 Acura MDX

2003-06 ACCESSORIES & EQUIPMENT Power Moonroof - MDX

Terminal Position	1		3	2	4	5	6
CLOSE							
TILT							
OPEN							

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Fig. 4: Checking Continuity Between Terminal In Each Switch Position Chart
Courtesy of AMERICAN HONDA MOTOR CO., INC.

3. If the continuity is not as specified, replace the illumination bulbs (C) or the switch.

Special Tools required

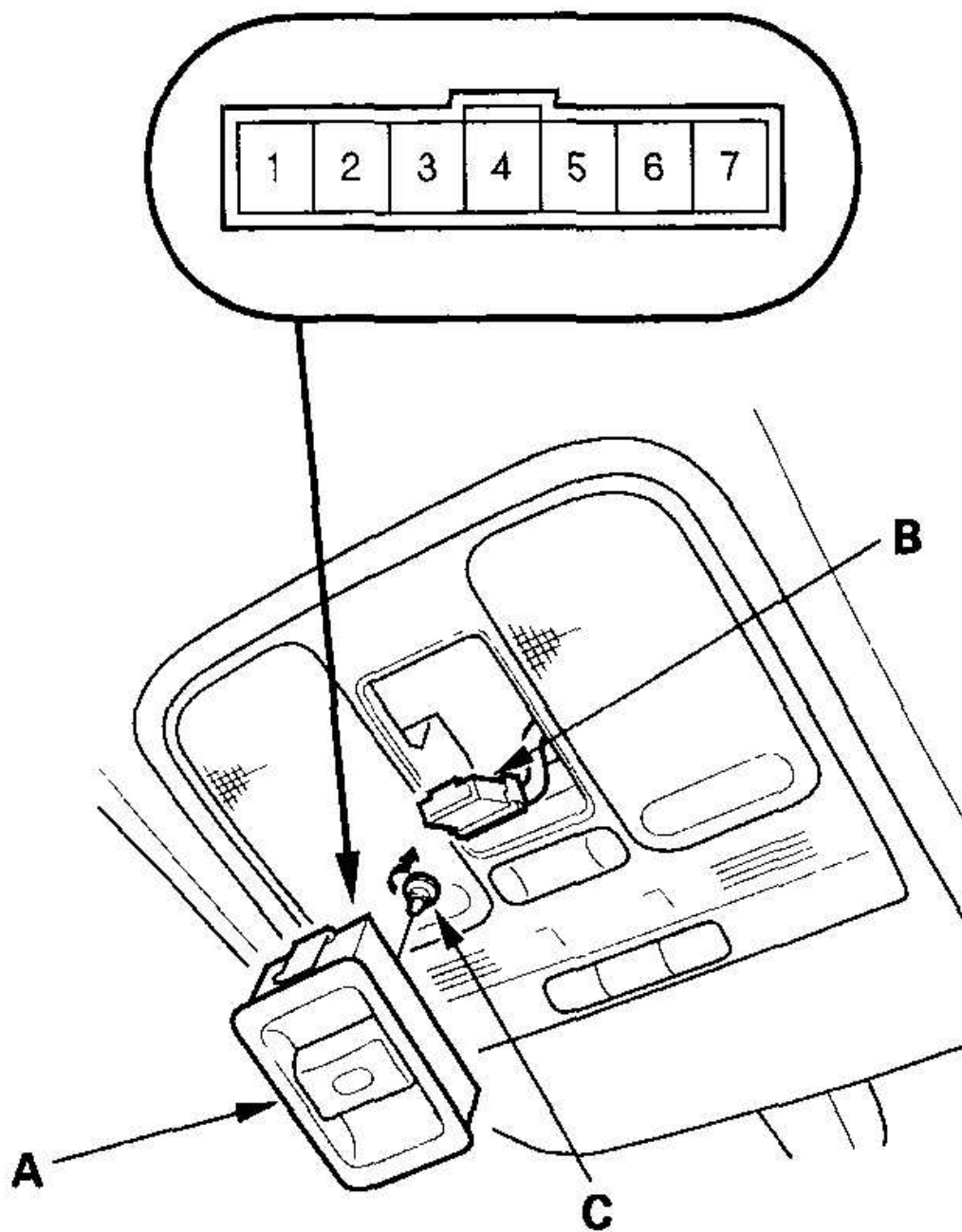
KTC trim tool set SOJATP2014

'04-06 MODELS

NOTE:

- Use the appropriate tool from the KTC trim tool set to avoid damage when prying components.
- Take care not to scratch the roof console and related parts.
- The moonroof can still be operated for about 10 minutes after the ignition switch is turned from the "II" to the "I" or "0" positions, as long as none of the doors have been opened. This provides a convenience to parked occupants while offering a degree of security against unwanted or accidental moonroof operation.

1. Carefully pry the moonroof switch (A) out of the roof console.



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Fig. 5: Prying Moonroof Switch

Courtesy of AMERICAN HONDA MOTOR CO., INC.

2. Disconnect the 7P connector (B) from the moonroof switch.
3. Check for continuity between the terminals in each switch position according to **Fig. 6**.

Terminal Position	4		5	1	2	3	7
CLOSE							
TILT							
OPEN							

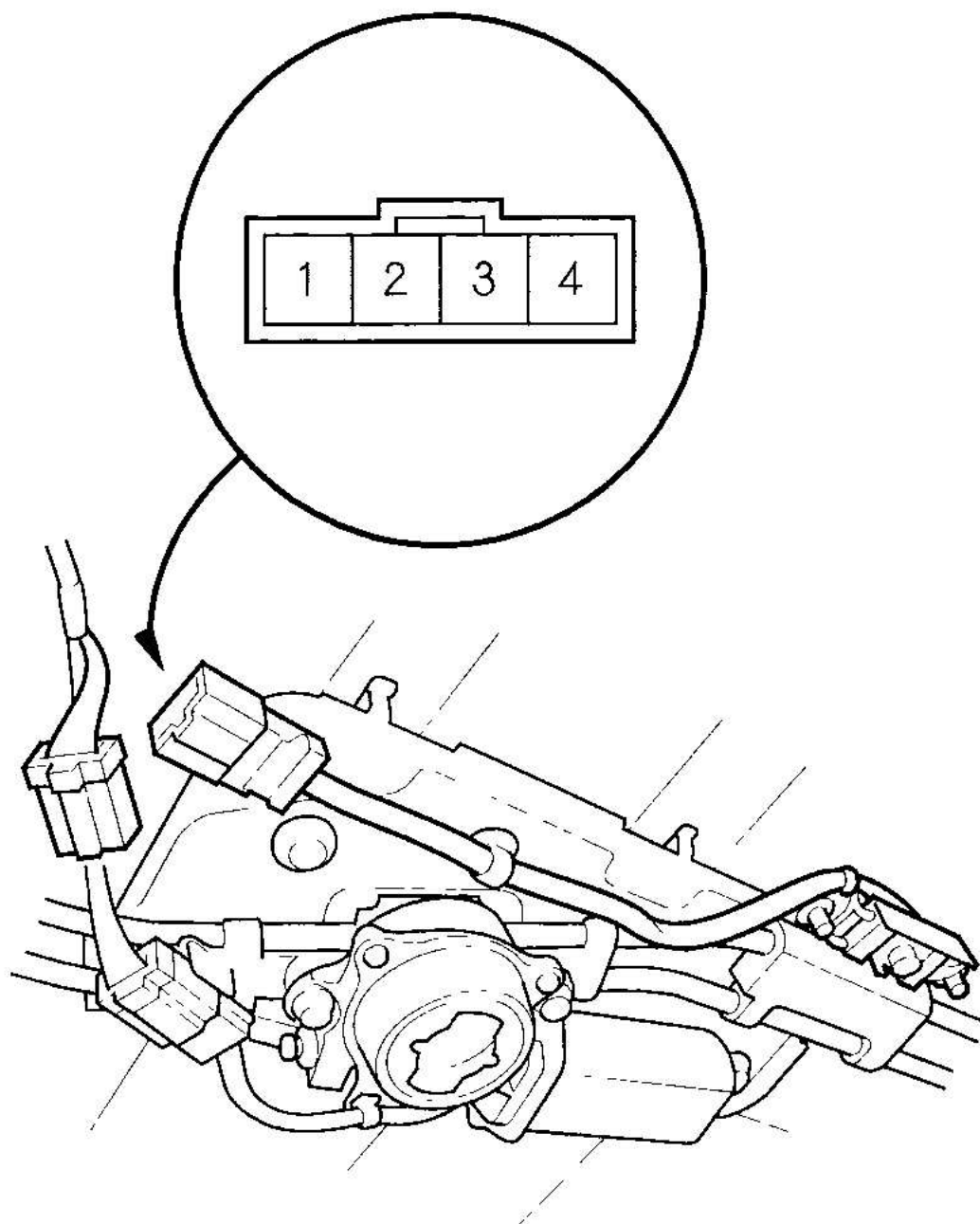
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Fig. 6: Checking Continuity Between Terminals In Each Switch Position Chart
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

4. If the continuity is not as specified, replace the illumination bulbs (C) or the switch.

LIMIT SWITCH TEST











1. Remove the headliner (see **HEADLINER REMOVAL/INSTALLATION**).
2. Disconnect the 4P connector from the moonroof limit switch.



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Fig. 7: Disconnecting 4P Connector From Moonroof Limit Switch
Courtesy of AMERICAN HONDA MOTOR CO., INC.

3. Check for continuity between the terminals in each switch position according to **Fig. 8**.

Terminal Position	1	2	3	4
TILT				
OPEN				
CLOSE				

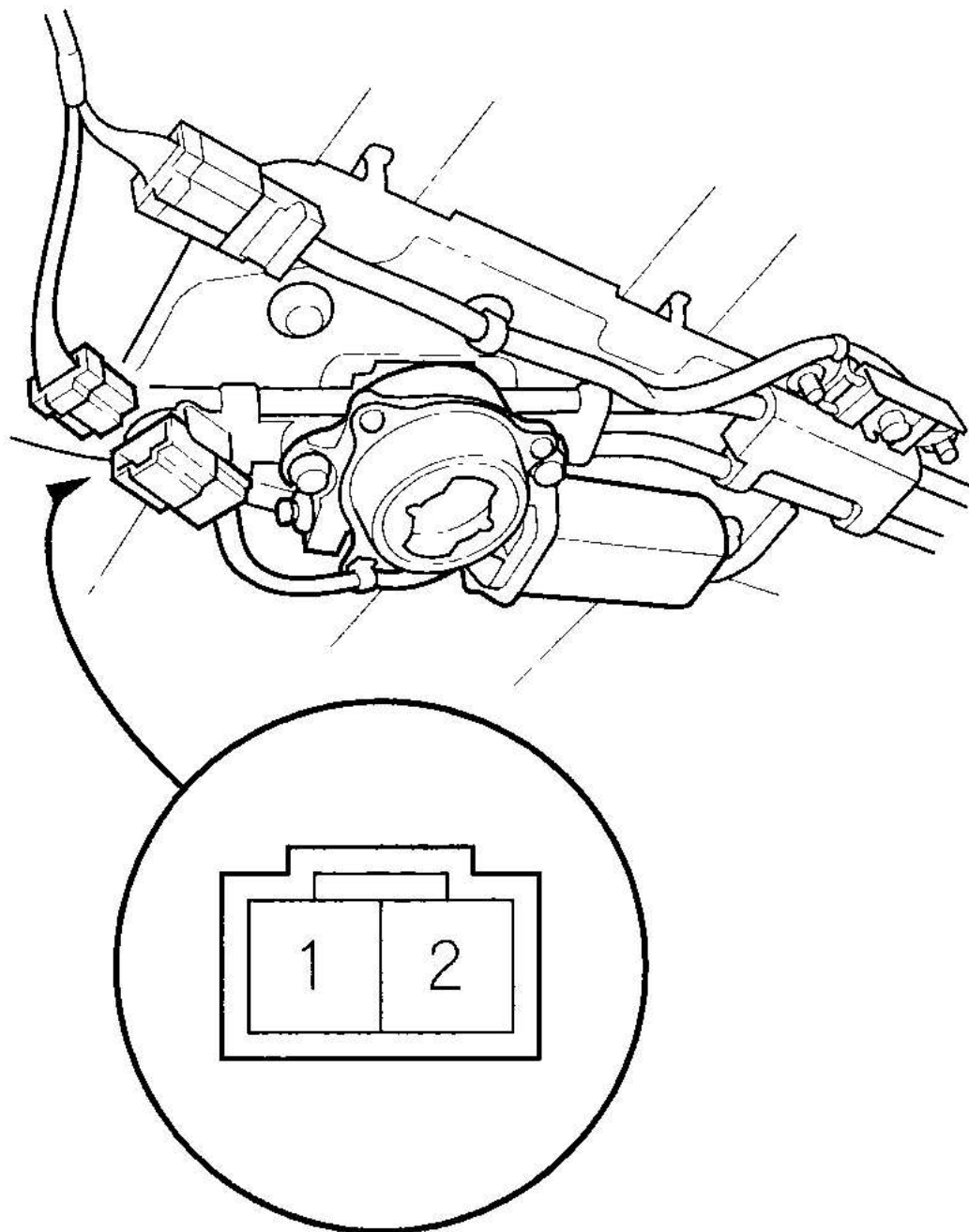
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Fig. 8: Checking Continuity Between Terminals In Each Switch Position Chart
Courtesy of AMERICAN HONDA MOTOR CO., INC.

4. If the continuity is not as specified, replace the moonroof drive assembly.

MOTOR TEST

1. Remove the headliner (see **HEADLINER REMOVAL/INSTALLATION**).
2. Disconnect the 2P connector from the moonroof motor.



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Fig. 9: Disconnecting 2P Connector From Moonroof Motor
Courtesy of AMERICAN HONDA MOTOR CO., INC.

2006 Acura MDX

2003-06 ACCESSORIES & EQUIPMENT Power Moonroof - MDX

3. Check the motor by connecting power and ground according to **Fig. 10** .

Terminal Position	1	2
OPEN	⊕	⊖
CLOSE	⊖	⊕

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Fig. 10: Checking Motor Connecting Power And Ground Chart
Courtesy of AMERICAN HONDA MOTOR CO., INC.

4. If the motor does not run, replace it.

NOTE: See closing force check (see **CLOSING FORCE AND OPENING DRAG CHECK**) for motor clutch test.