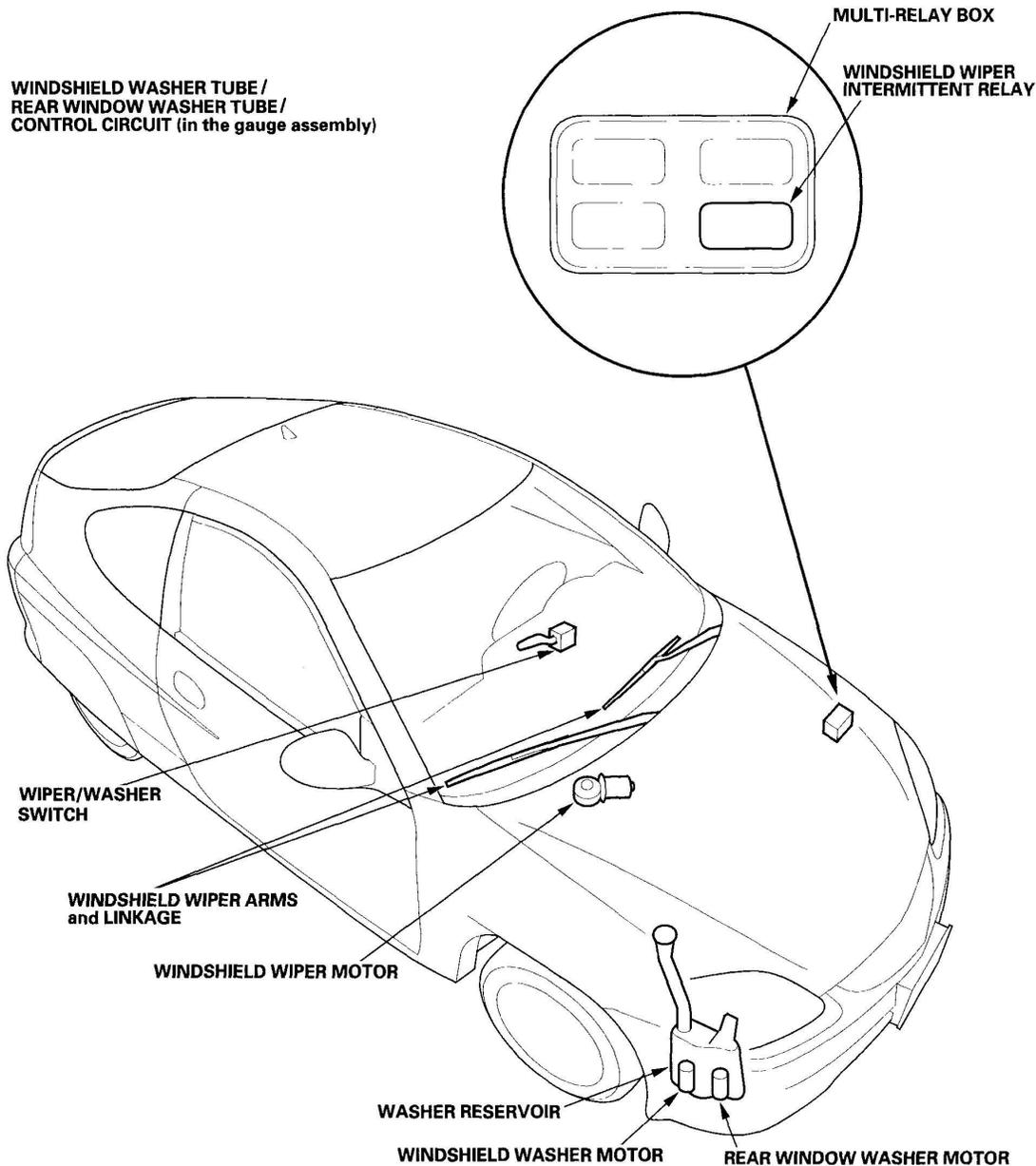


2000-06 ACCESSORIES & EQUIPMENT

Wipers/Washers - Insight

COMPONENT LOCATION INDEX

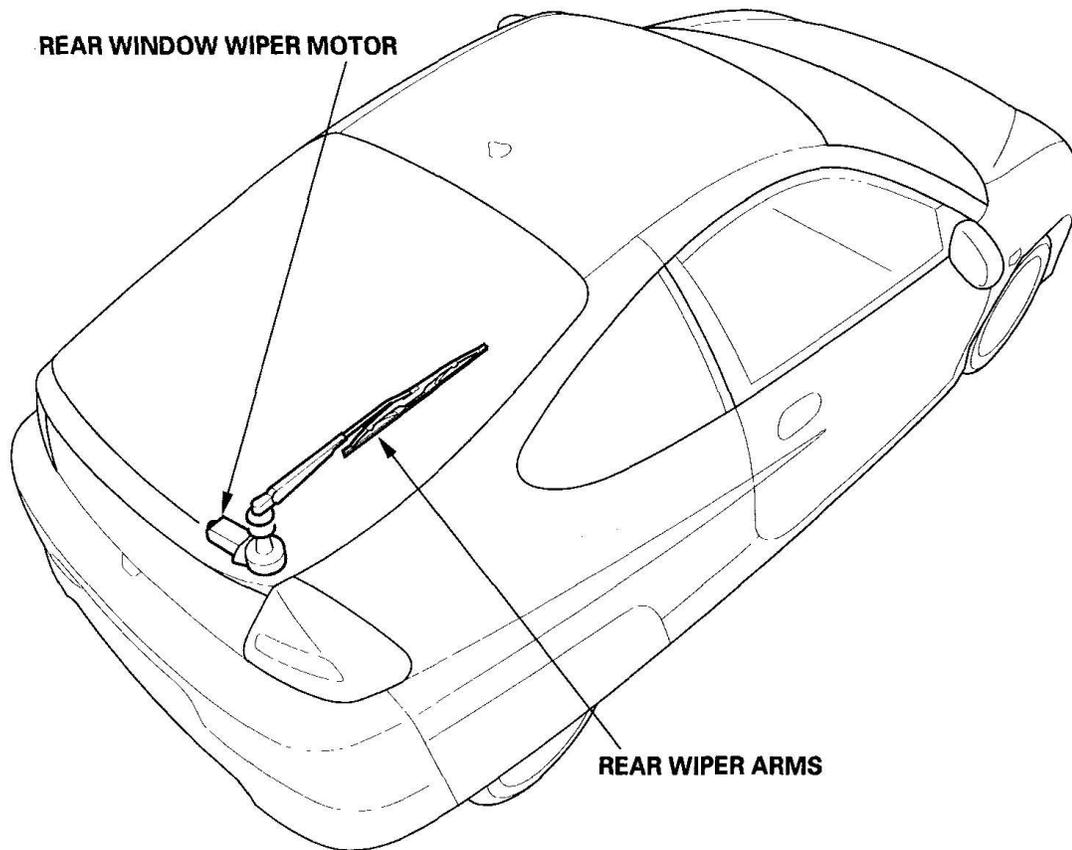


G03683007

**Fig. 1: Identifying Wipers/Washers Component Location (1 Of 2)**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.

**2006 Honda Insight**

2000-06 ACCESSORIES & EQUIPMENT Wipers/Washers - Insight



G03683008

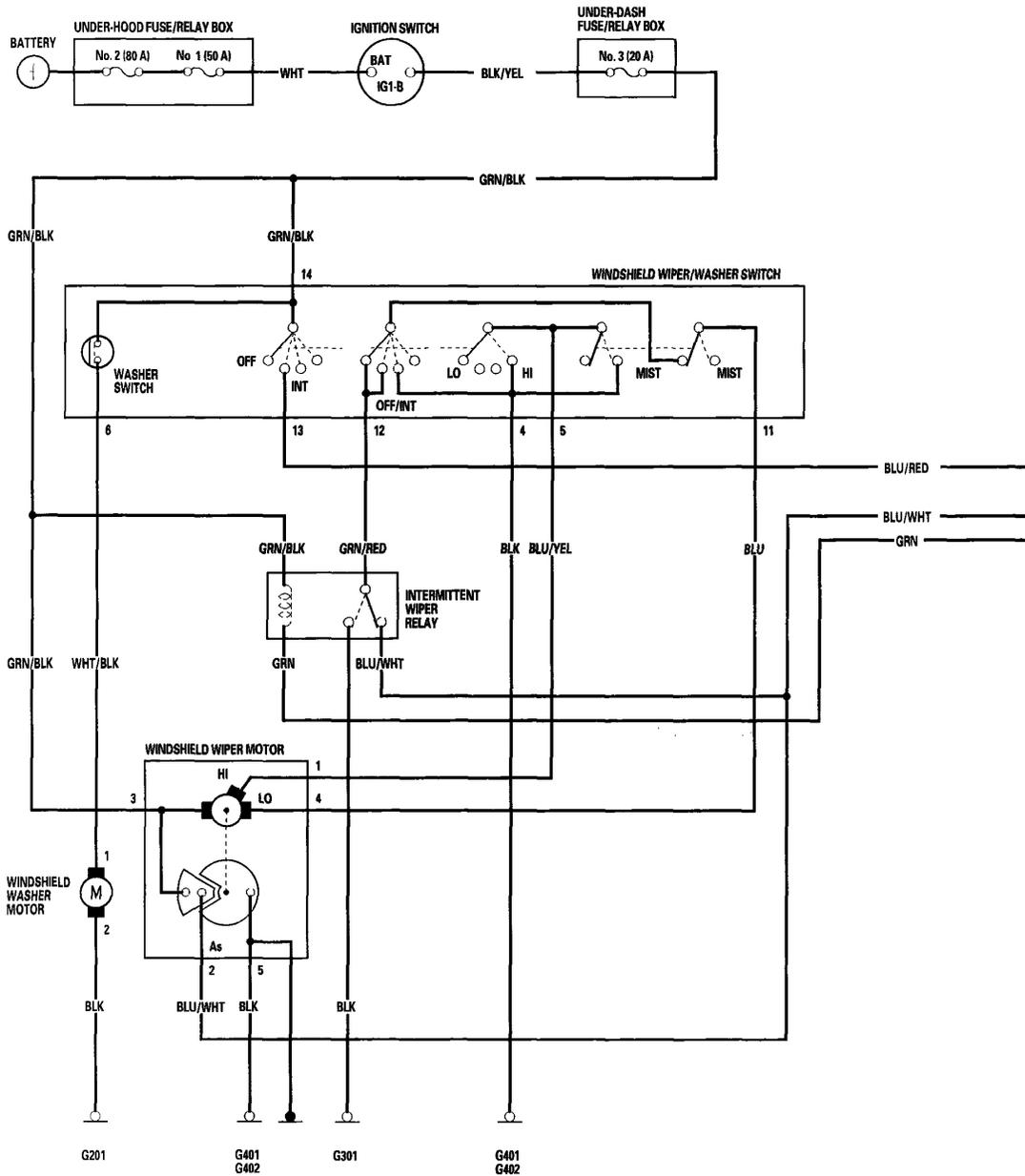
**Fig. 2: Identifying Wipers/Washers Component Location (2 Of 2)**  
**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

**CIRCUIT DIAGRAM - WINDSHIELD**

'00 MODEL

# 2006 Honda Insight

## 2000-06 ACCESSORIES & EQUIPMENT Wipers/Washers - Insight

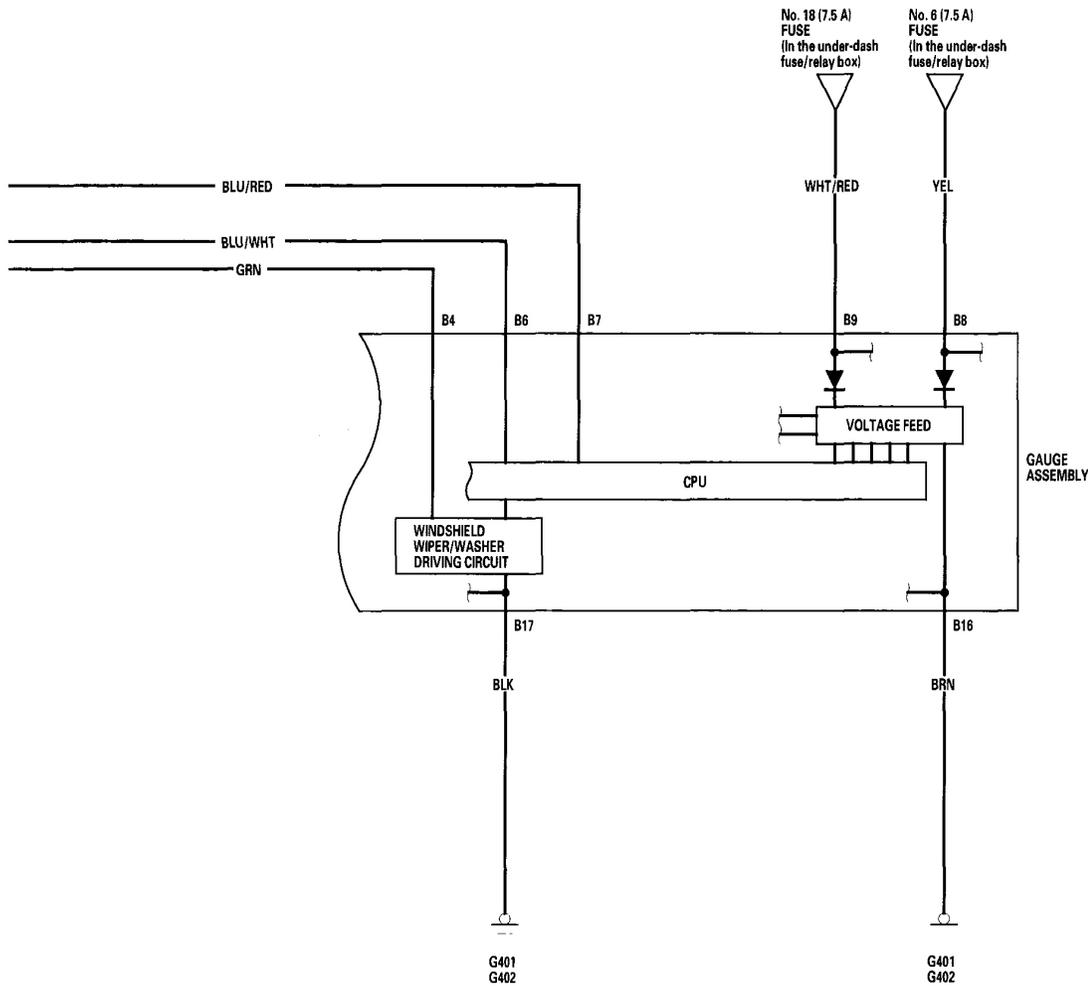


G03683009

**Fig. 3: Circuit Diagram - Windshield (00 Model) (1 Of 2)**  
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

2006 Honda Insight

2000-06 ACCESSORIES & EQUIPMENT Wipers/Washers - Insight



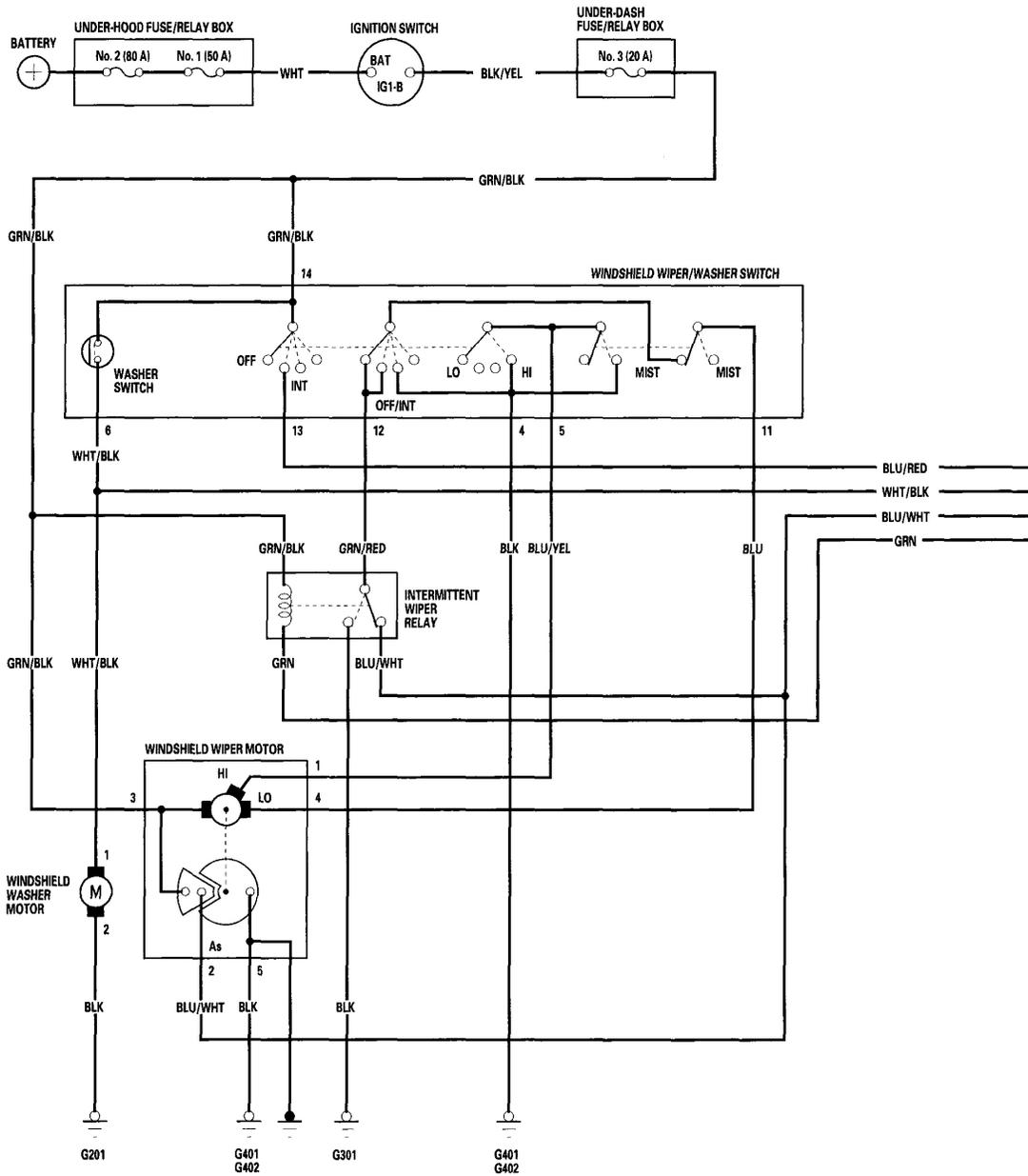
G03683010

**Fig. 4: Circuit Diagram - Windshield (00 Model) (2 Of 2)**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.

'01-06 MODELS

# 2006 Honda Insight

## 2000-06 ACCESSORIES & EQUIPMENT Wipers/Washers - Insight

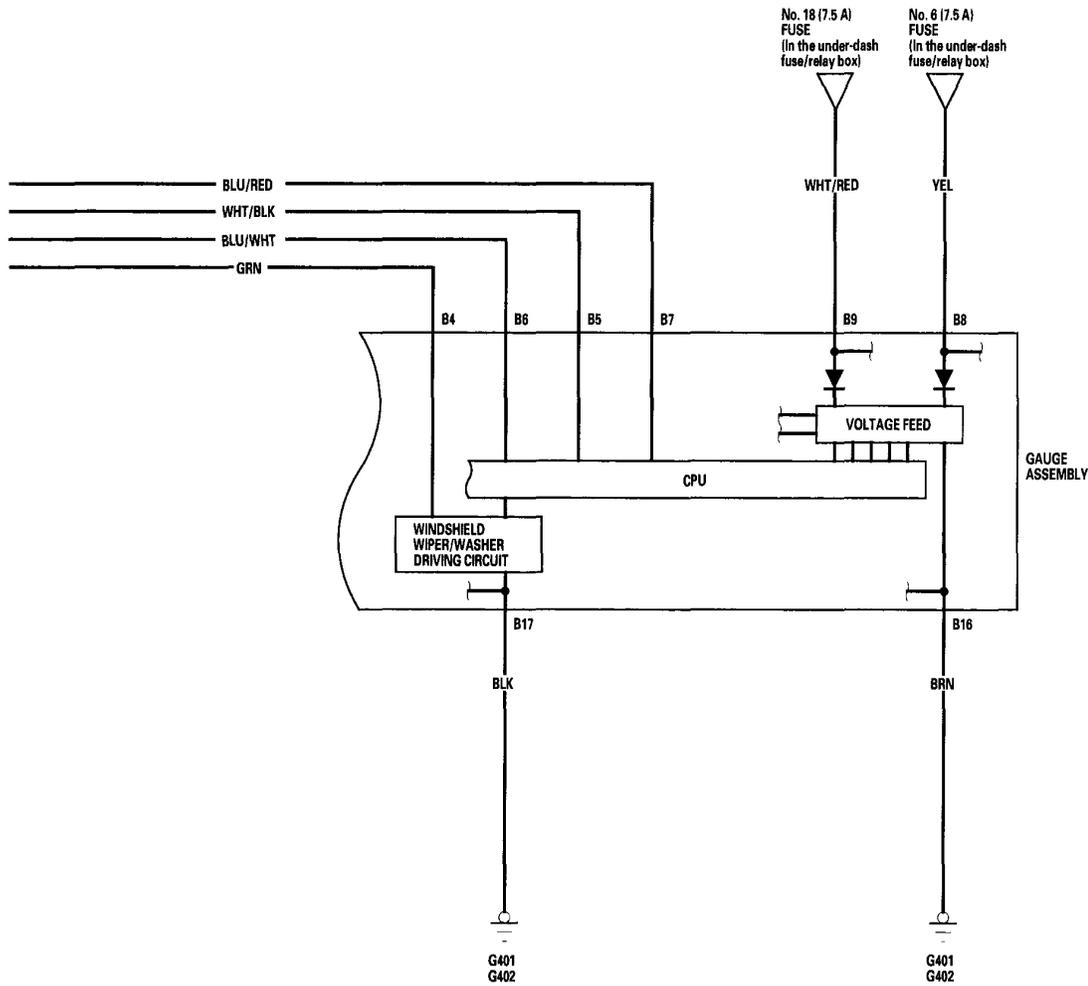


G03683011

**Fig. 5: Circuit Diagram - Windshield (01-06 Models) (1 Of 2)**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.

2006 Honda Insight

2000-06 ACCESSORIES & EQUIPMENT Wipers/Washers - Insight



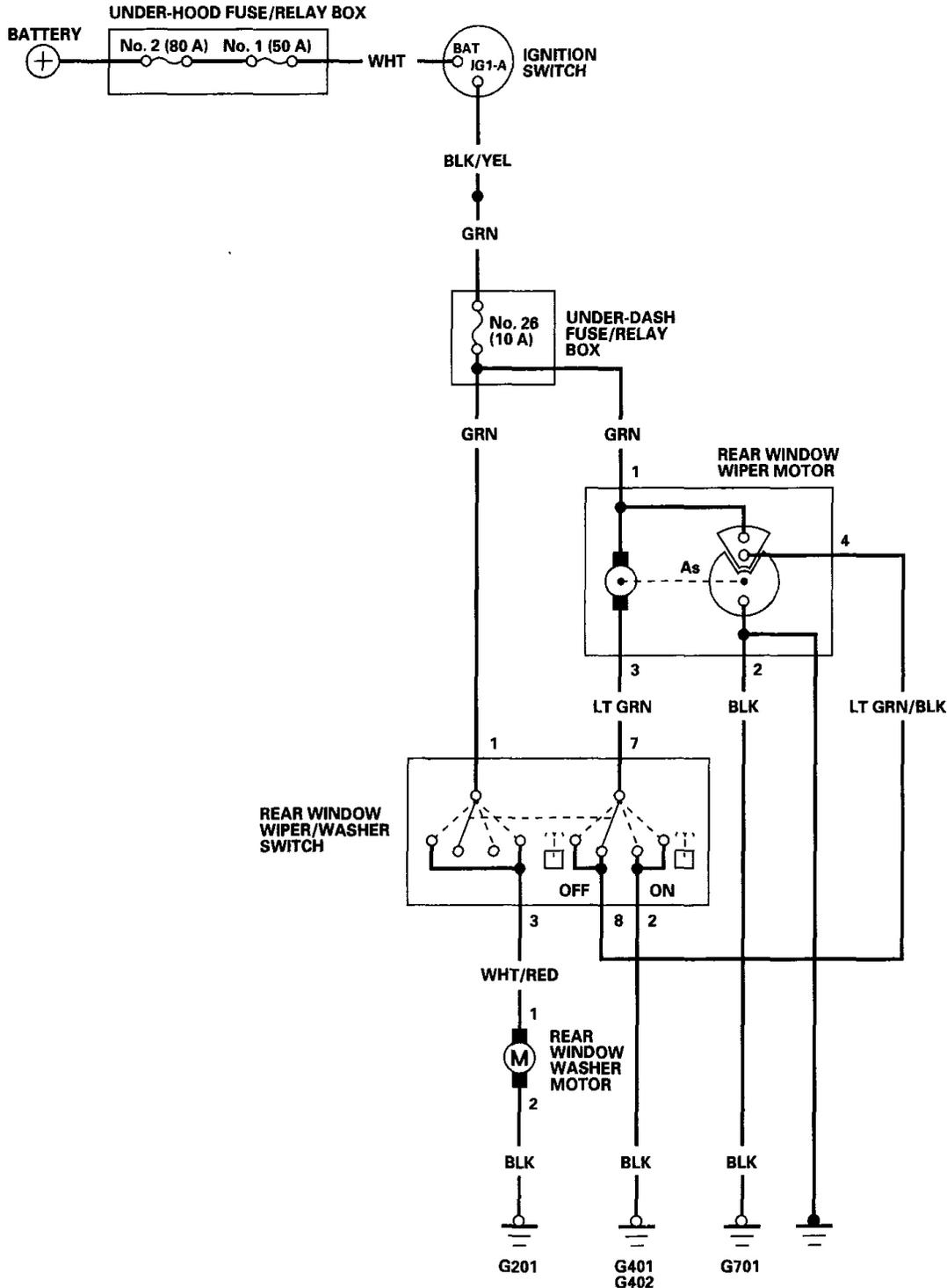
G03683012

**Fig. 6: Circuit Diagram - Windshield (01-06 Models) (2 Of 2)**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.

**CIRCUIT DIAGRAM - REAR WINDOW**

2006 Honda Insight

2000-06 ACCESSORIES & EQUIPMENT Wipers/Washers - Insight

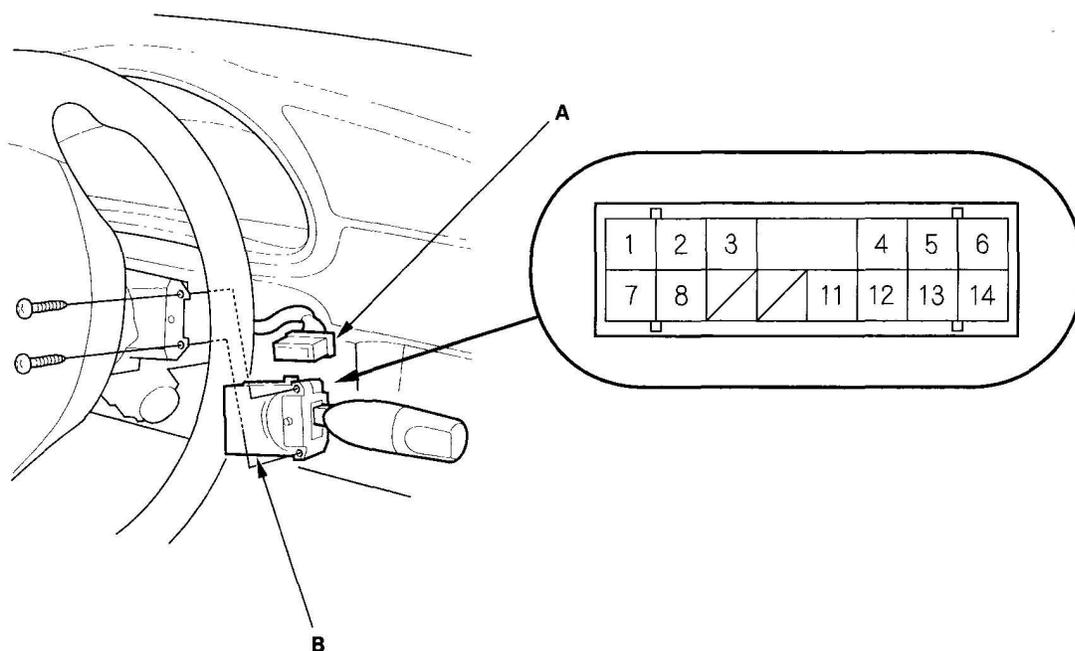


G03683013

**Fig. 7: Circuit Diagram - Rear Window**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.

## WIPER/WASHER SWITCH TEST/REPLACEMENT

1. Remove the steering column covers (see **STEERING COLUMN REMOVAL AND INSTALLATION** ).
2. Disconnect the 14P connector (A) from the wiper/washer switch (B).



G03683014

**Fig. 8: Disconnecting 14P Connector From Wiper/Washer Switch**  
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

3. Remove the two screws, then pull out the switch.
4. Check for continuity between the terminals in each switch position according to the table. If the continuity is not as specified, replace the switch.

### Windshield Wiper/Washer Switch:

2006 Honda Insight

2000-06 ACCESSORIES & EQUIPMENT Wipers/Washers - Insight

Terminal Position	4	5	6	11	12	13	14
OFF				○	○		
INT				○	○	○	○
LO	○	—	—	○			
HI	○	○					
Mist switch "ON"	○	○					
Washer switch "ON"			○	—	—	—	○

G03683015

**Fig. 9: Windshield Wiper/Washer Switch Position Reference Table**  
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

**Rear Window Wiper/Washer Switch:**

2006 Honda Insight

2000-06 ACCESSORIES & EQUIPMENT Wipers/Washers - Insight

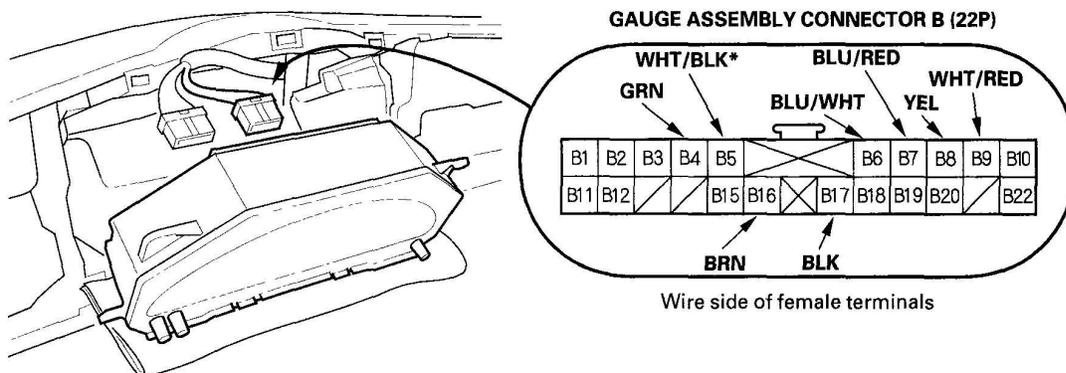
Terminal Position	1	2	3	7	8
Washer switch "ON" (Wiper switch OFF)	○	—	○	○	○
OFF				○	○
ON		○	—	○	
Washer switch "ON" (Wiper switch "ON")	○	○	—	○	

G03683016

**Fig. 10: Rear Window Wiper/Washer Switch Position Reference Table**  
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

**CONTROL CIRCUIT INPUT TEST**

1. Remove the gauge assembly (see **GAUGE ASSEMBLY REPLACEMENT** ).
2. Disconnect the gauge assembly connector B (22P) from the gauge assembly.



\*: '01-06 models

G03683017

### **Fig. 11: Disconnecting Gauge Assembly Connector B (22P) From Gauge Assembly**

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

3. Inspect the connector and socket terminals to be sure they are 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. Reconnect the connector, and make these input tests at the connector.
  - If any test indicates a problem, find and correct the cause, then recheck the system.
  - If all the input tests prove OK, replace the printed circuit board in the gauge assembly.

#### **CONNECTOR INPUT TEST REFERENCE**

<b>Cavity</b>	<b>Wire</b>	<b>Test condition</b>	<b>Test: Desired result</b>	<b>Possible cause if result is not obtained</b>
B16	BRN	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>
B17	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>
B8	YEL	Ignition switch	Check for voltage to ground:	<ul style="list-style-type: none"> <li>• Blown No. 6 (7.5 A) fuse in the under-dash</li> </ul>

## 2006 Honda Insight

2000-06 ACCESSORIES & EQUIPMENT Wipers/Washers - Insight

		ON (II)	There should be battery voltage.	fuse/relay box <ul style="list-style-type: none"> <li>• An open in the wire</li> </ul>
B9	WHT/RED	Under all conditions	Check for voltage to ground: There should be battery voltage.	<ul style="list-style-type: none"> <li>• Blown No. 18(7.5 A) fuse in the under-dash fuse/relay box</li> <li>• An open in the wire</li> </ul>
B4	GRN	Ignition switch ON (II)	Check for voltage to ground: There should be battery voltage.	<ul style="list-style-type: none"> <li>• Blown No. 3 (20 A) fuse in the under-dash fuse/relay box</li> <li>• Faulty intermittent wiper relay</li> <li>• An open in the wire</li> </ul>
B5 <sup>(1)</sup>	WHT/BLK	Ignition switch ON (II) and washer switch ON	Check for voltage to ground: There should be battery voltage.	<ul style="list-style-type: none"> <li>• Blown No. 3 (20 A) fuse in the under-dash fuse/relay box</li> <li>• Faulty wiper/washer switch</li> <li>• An open in the wire</li> </ul>
B6	BLU/WHT	Ignition switch ON (II), wipers in parked position	Check for voltage to ground: There should be battery voltage.	<ul style="list-style-type: none"> <li>• Blown No. 3 (20 A) fuse in the under-dash fuse/relay box</li> <li>• Faulty wiper/washer switch                         <ul style="list-style-type: none"> <li>• Faulty windshield wiper motor</li> <li>• Faulty intermittent wiper relay</li> </ul> </li> <li>• An open in the wire</li> </ul>
			Check for	<ul style="list-style-type: none"> <li>• Blown No. 3 (20 A)</li> </ul>

## 2006 Honda Insight

2000-06 ACCESSORIES & EQUIPMENT Wipers/Washers - Insight

B7	BLU/RED	Ignition switch ON (II) and wiper switch at INT	voltage to ground: There should be battery voltage.	fuse in the under-dash fuse/relay box <ul style="list-style-type: none"><li>• Faulty wiper/washer switch</li><li>• An open in the wire</li></ul>
(1) '01-06				

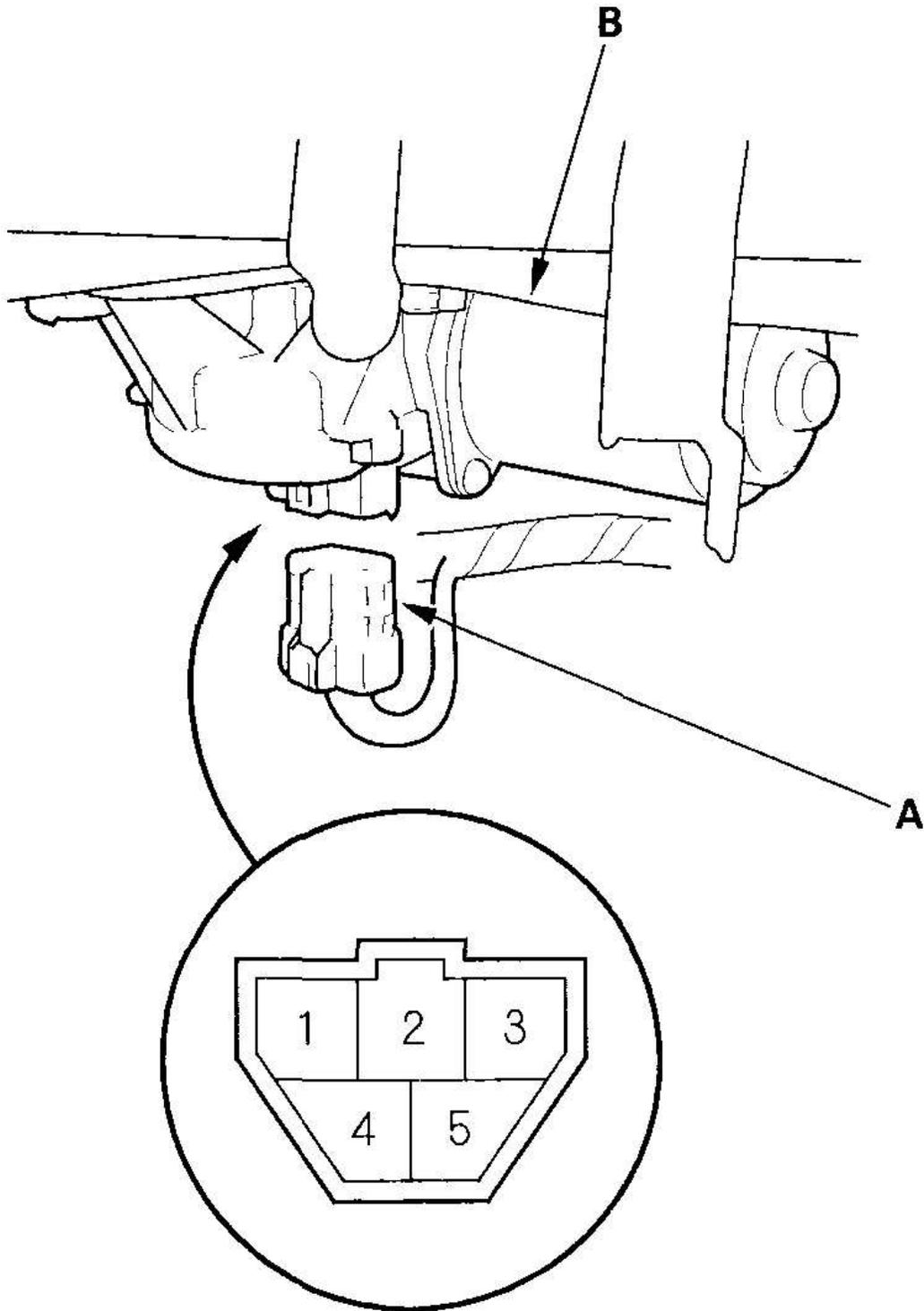
### WIPER MOTOR TEST

#### WINDSHIELD

1. Open the hood.
2. Disconnect the 5P connector (A) from the windshield wiper motor (B).

2006 Honda Insight

2000-06 ACCESSORIES & EQUIPMENT Wipers/Washers - Insight



G03683018

**Fig. 12: Disconnecting 5P Connector From Windshield Wiper Motor**  
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

- Test the motor by connecting battery power and ground according to the table. If the motor does not run or fails to run smoothly, replace it.

Terminal Position	1	4	3
LOW SPEED		⊖	⊕
HIGH SPEED	⊖		⊕

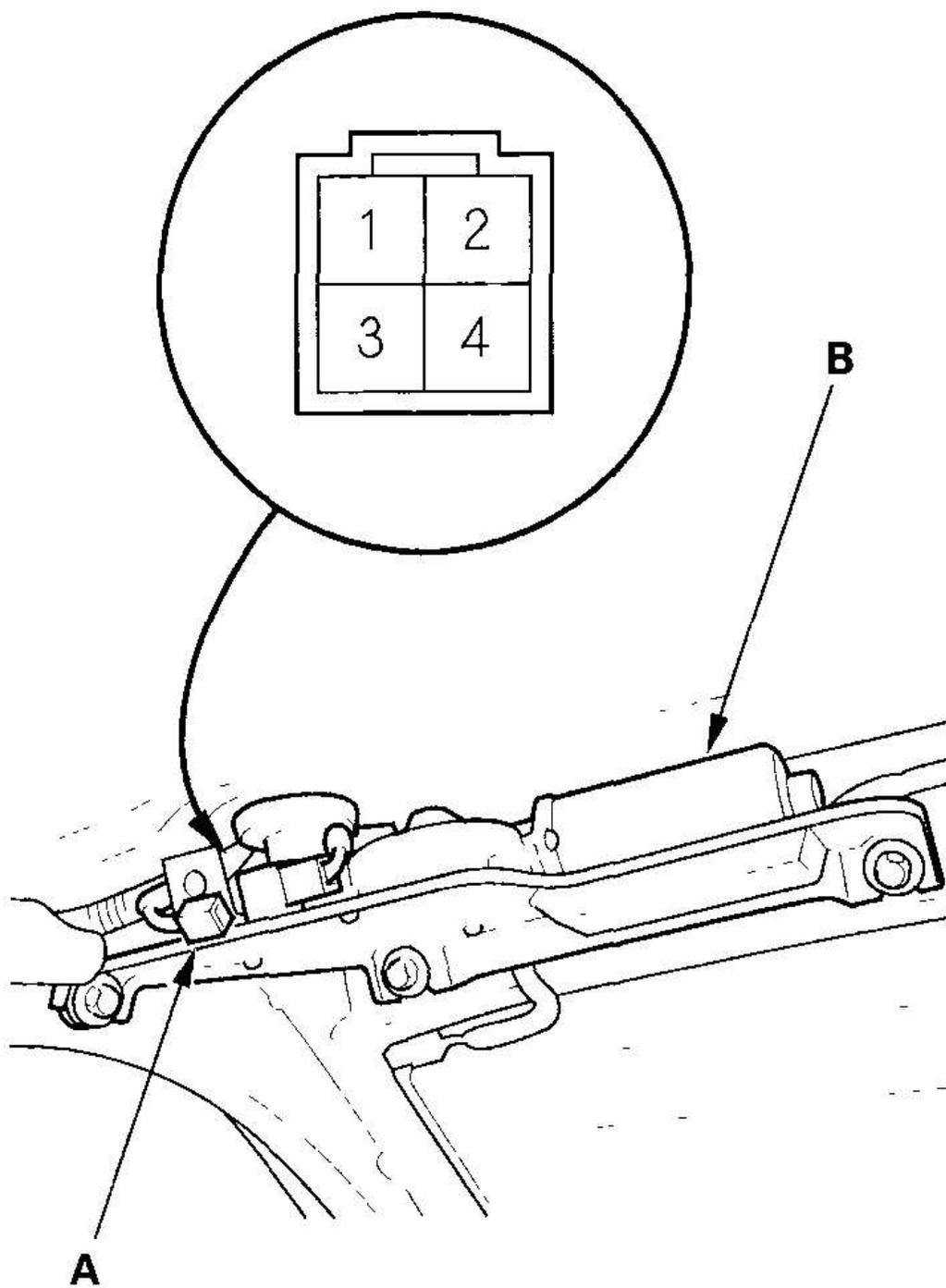
G03683019

**Fig. 13: Battery Power And Ground Connection Reference Table**  
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

- Connect the battery power to the No. 3 terminal, and ground to the No. 4 and No. 5 terminals of the 5P connector. Then connect an analog voltmeter between the No. 3 (+) terminal and the No. 2 (ground) terminal. When the park switch contacts, the pointer should swing. If not, replace the motor.

#### REAR WINDOW

- Open the hatch and remove the hatch trim panel (see **TRIM REMOVAL/INSTALLATION - HATCH AREA** ).
- Disconnect the 4P connector (A) from the rear window wiper motor (B).



G03683020

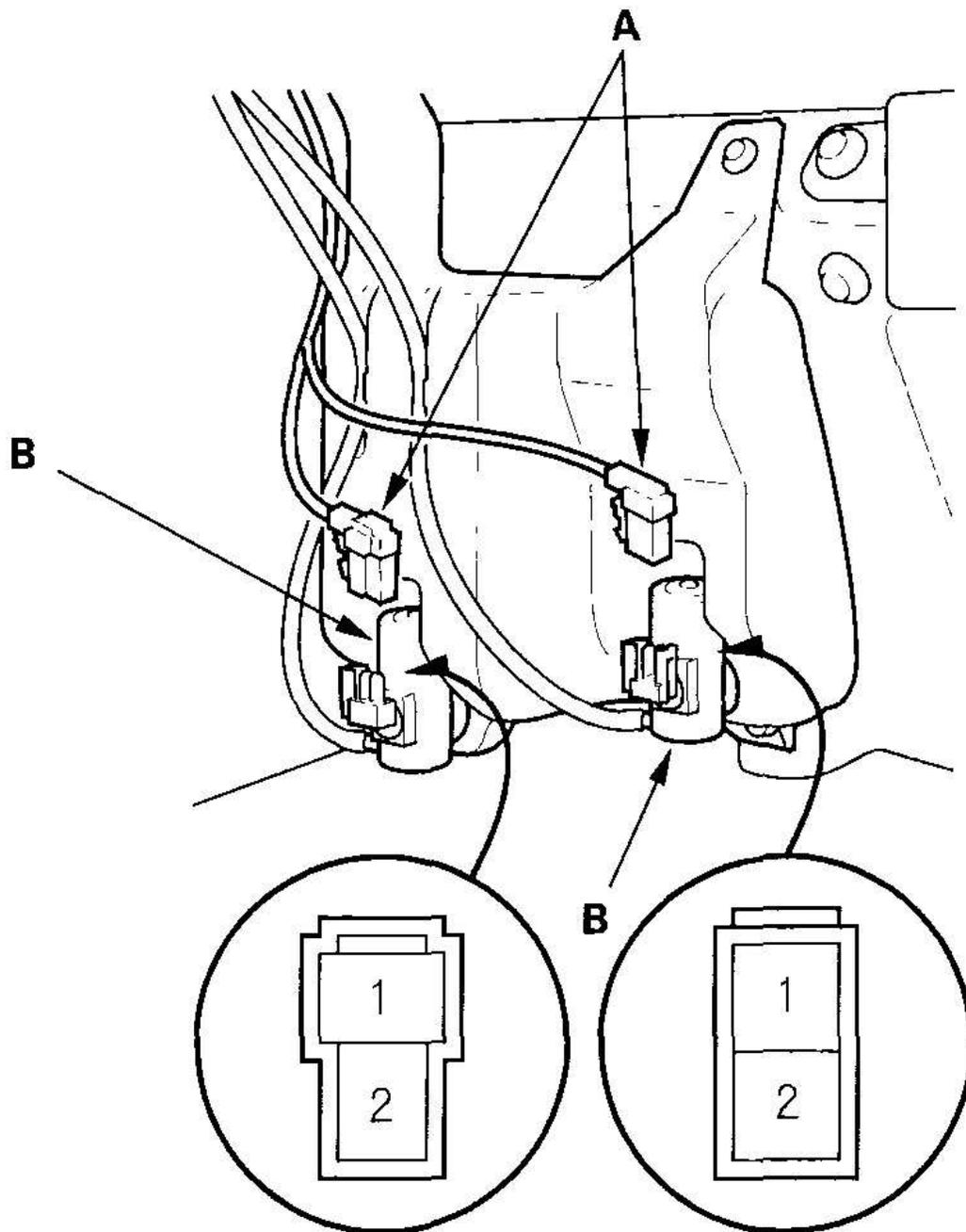
**Fig. 14: Disconnecting 4P Connector From Rear Window Wiper Motor**

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

3. Test the motor by connecting battery power to terminal No. 1 and connect terminal No. 3 to body ground. The rear wiper motor should run smoothly.
4. Connect the battery power to the No. 1 terminal, and ground to the No. 2 and No. 3 terminals of the 4P connector. Then connect an analog voltmeter between the No. 1 (+) terminal and the No. 4 (ground) terminal. When the park switch contacts, the pointer should swing. If not, replace the motor.

**WASHER MOTOR TEST**

1. Remove the right front inner fender (see **FRONT INNER FENDER REPLACEMENT** ).
2. Disconnect the 2P connectors (A) from the washer motors (B).



G03683021

**Fig. 15: Disconnecting 2P Connectors From Washer Motors**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.

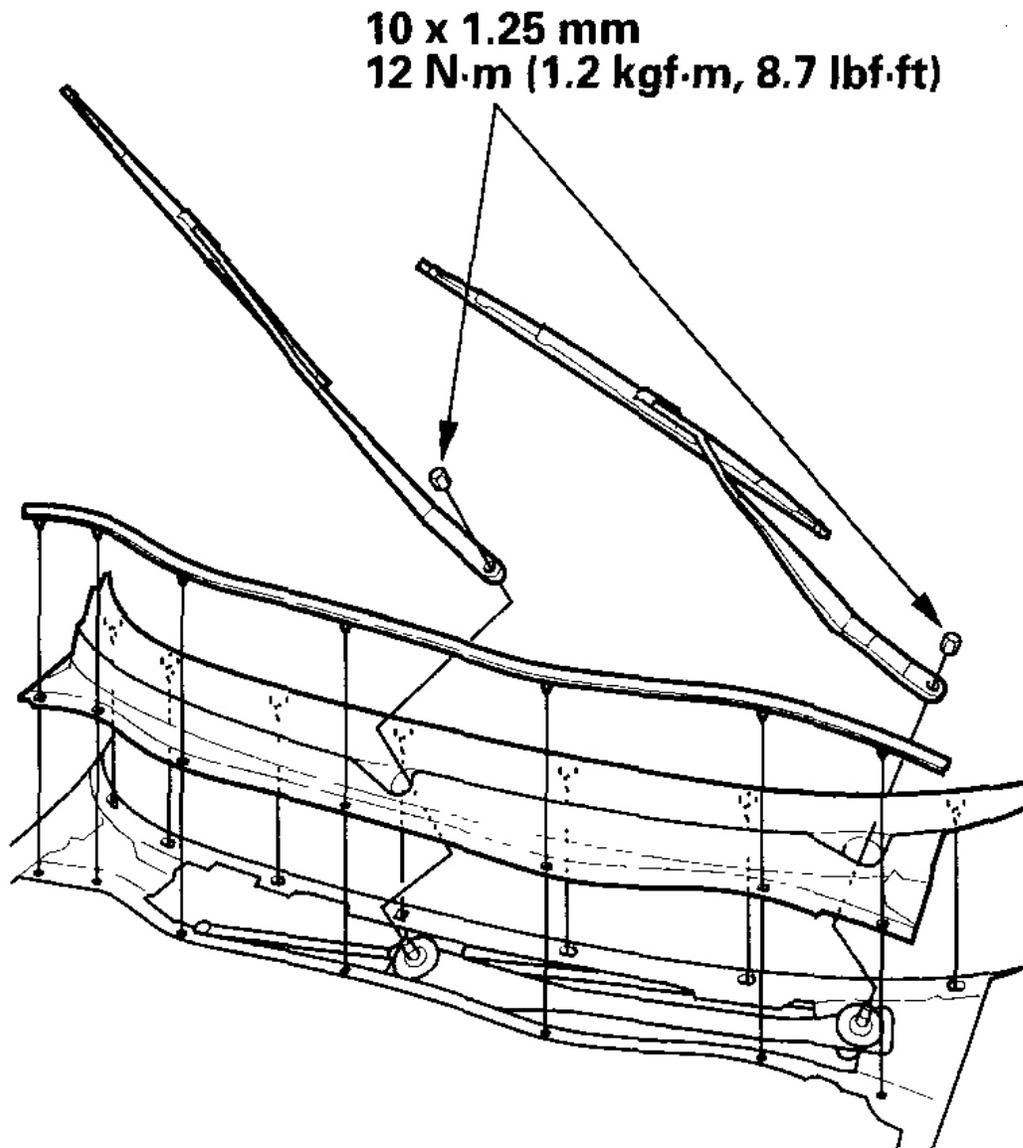
## 2006 Honda Insight

2000-06 ACCESSORIES & EQUIPMENT Wipers/Washers - Insight

3. Test the washer motor by connecting battery power to terminal No. 1 and connect terminal No. 2 to body ground. The washer motor should operate. If the washer motor does not operate, replace it.

### **WINDSHIELD WIPER MOTOR REPLACEMENT**

1. Open the hood. Remove the nuts and the windshield wiper arms.

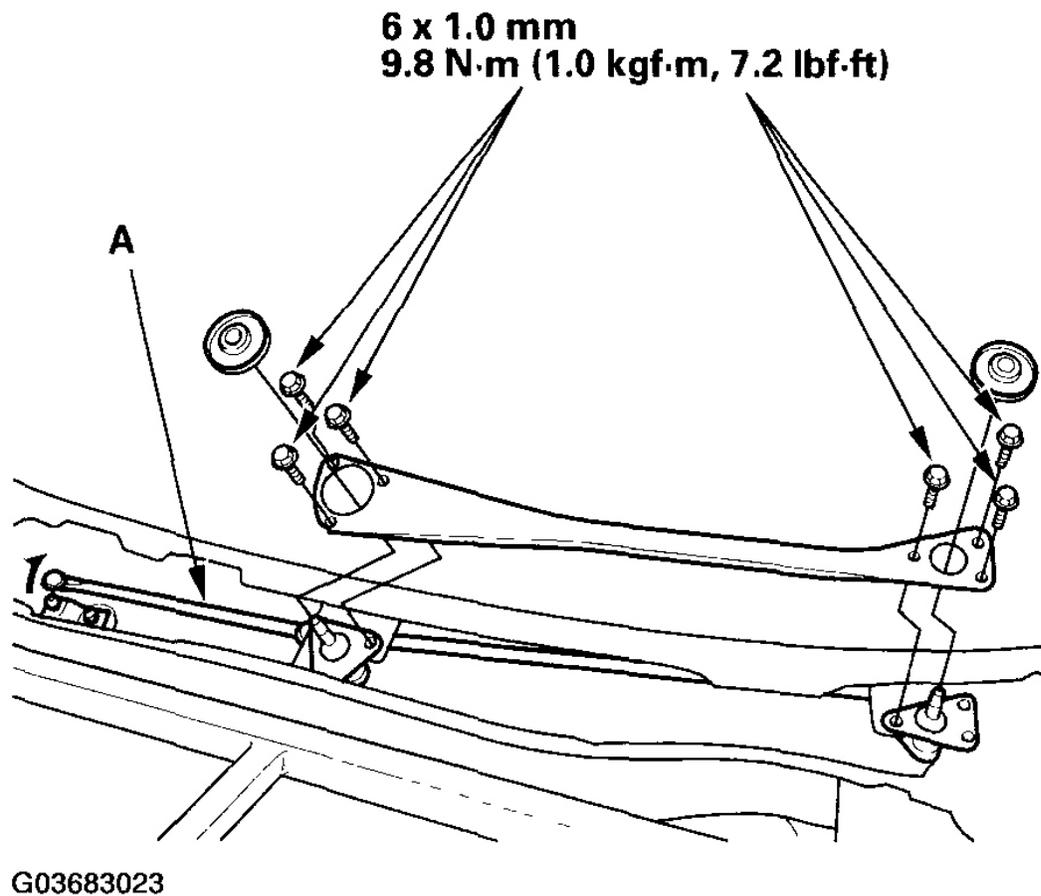


G03683022

**Fig. 16: Removing Nuts And Windshield Wiper Arms With Specified Torques**

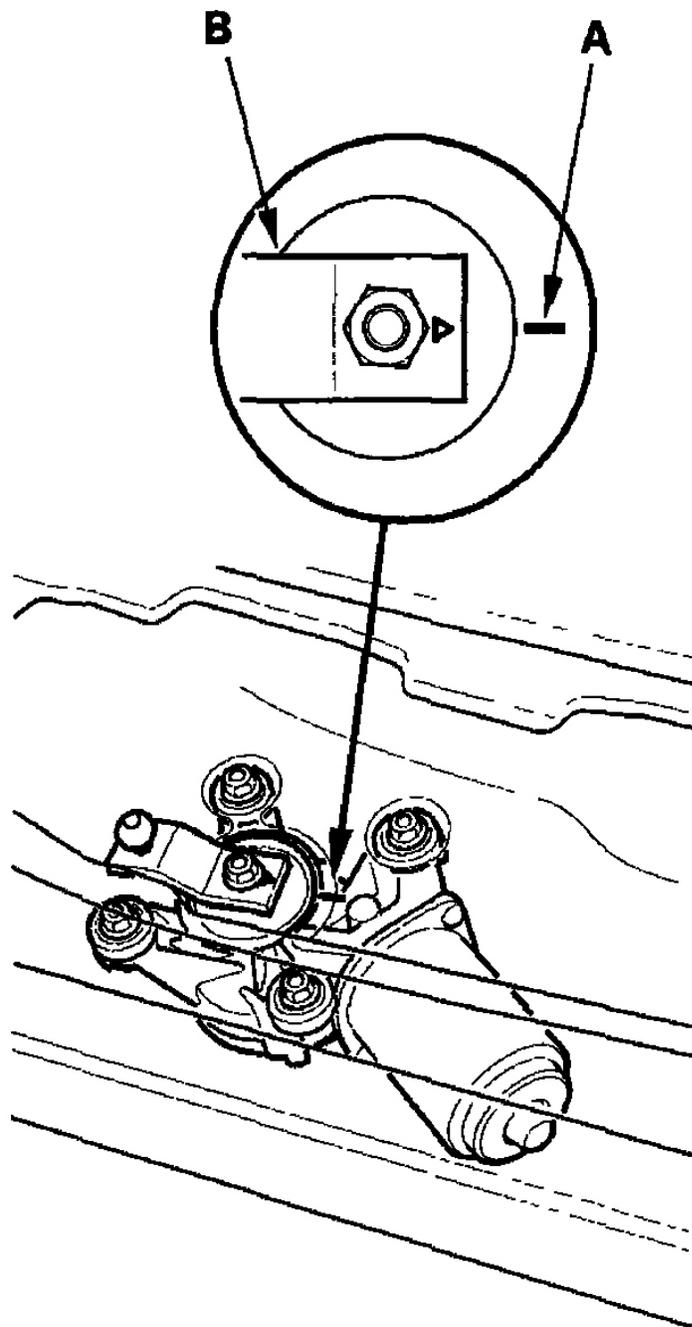
**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

2. Remove the hood seal and cowl cover.
3. Remove the bolts and wiper linkage assembly (A).



**Fig. 17: Removing Bolts And Wiper Linkage Assembly With Specified Torques**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.

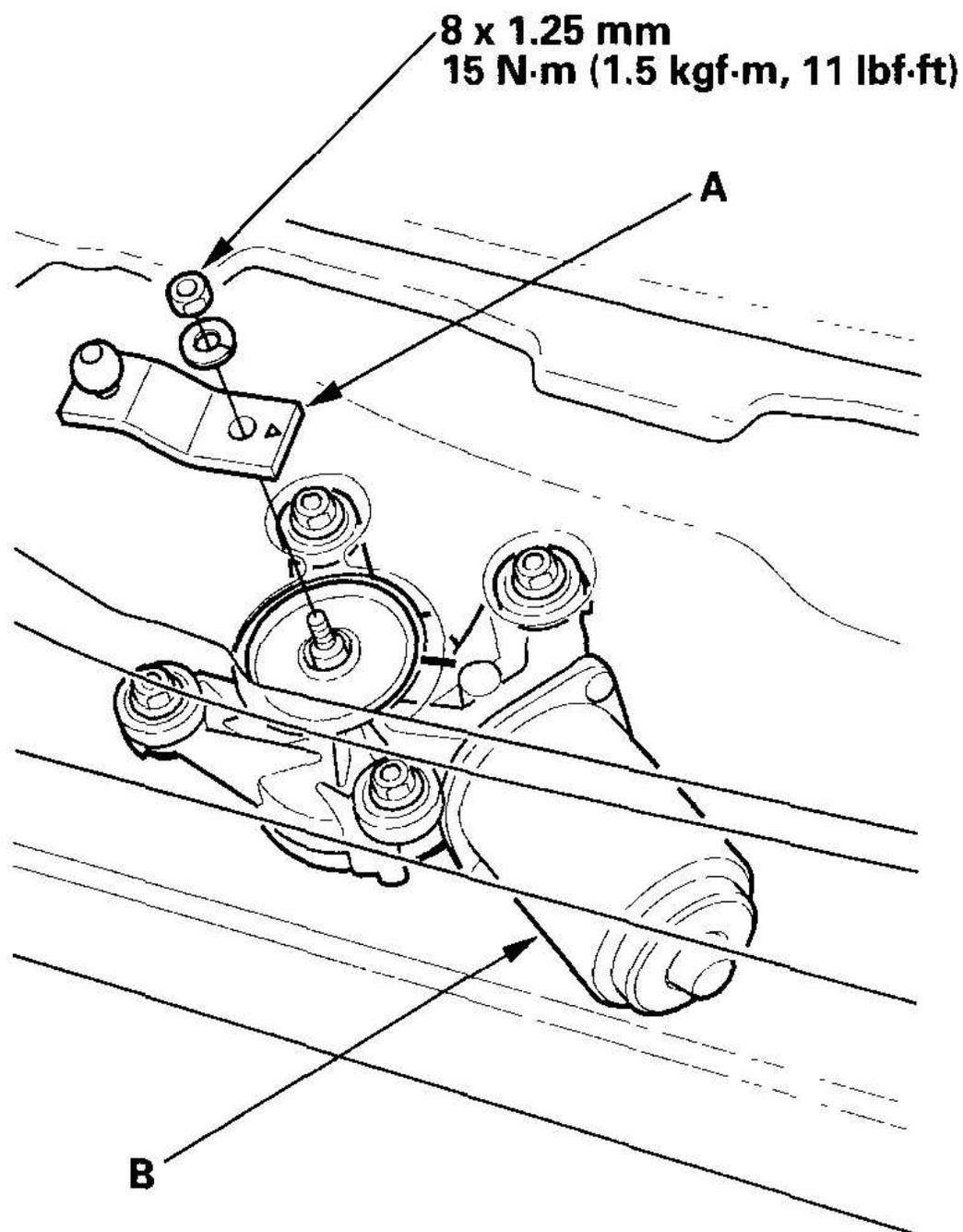
4. Scribe a line (A) across the link (B) and body to show the original adjustment.



G03683024

**Fig. 18: Scribing Line Across Link And Body**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.

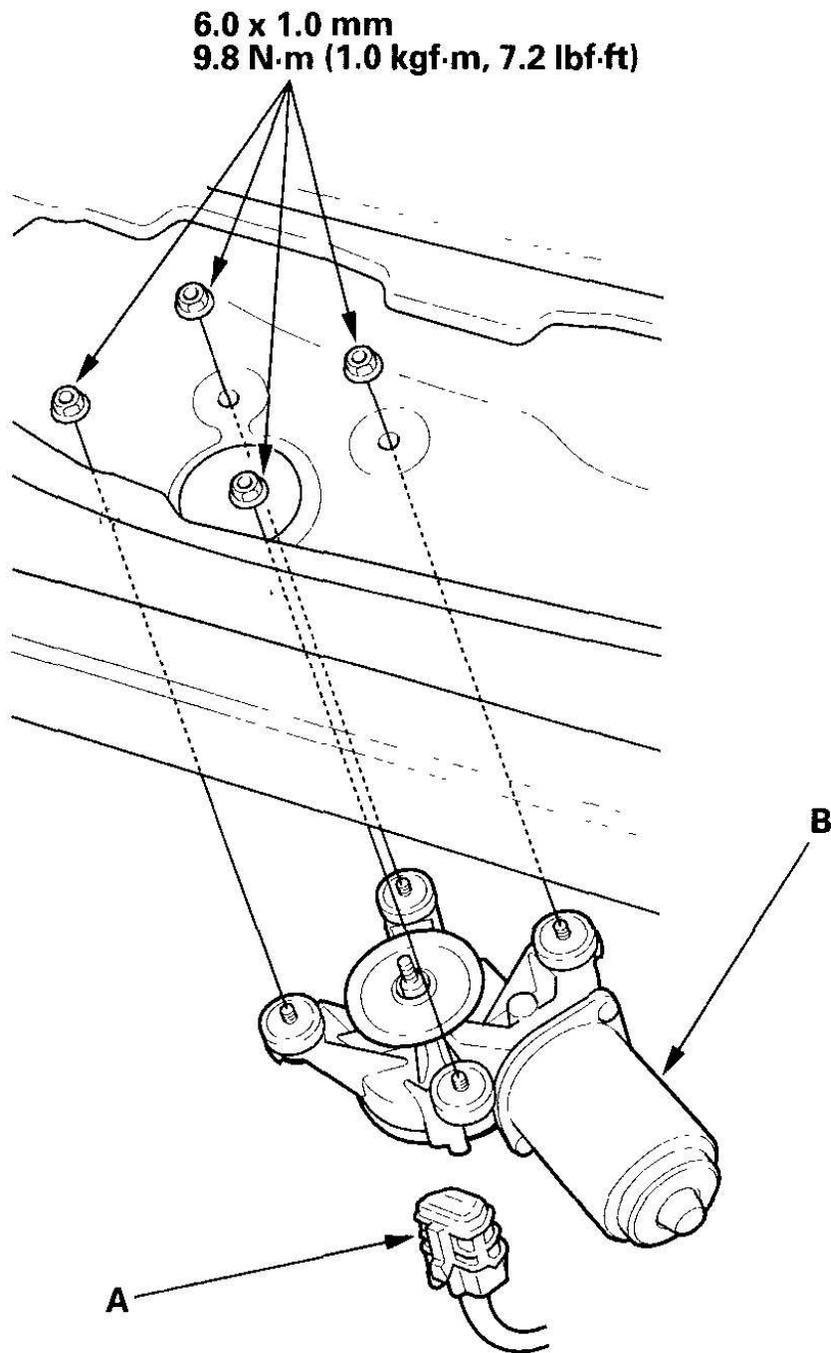
5. Remove the nut and link (A) from the wiper motor (B).



**Fig. 19: Removing Nut And Link From Wiper Motor With Specified Torques**

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

6. Disconnect the 5P connector (A), then remove the four mounting nuts and wiper motor (B).



G03683026

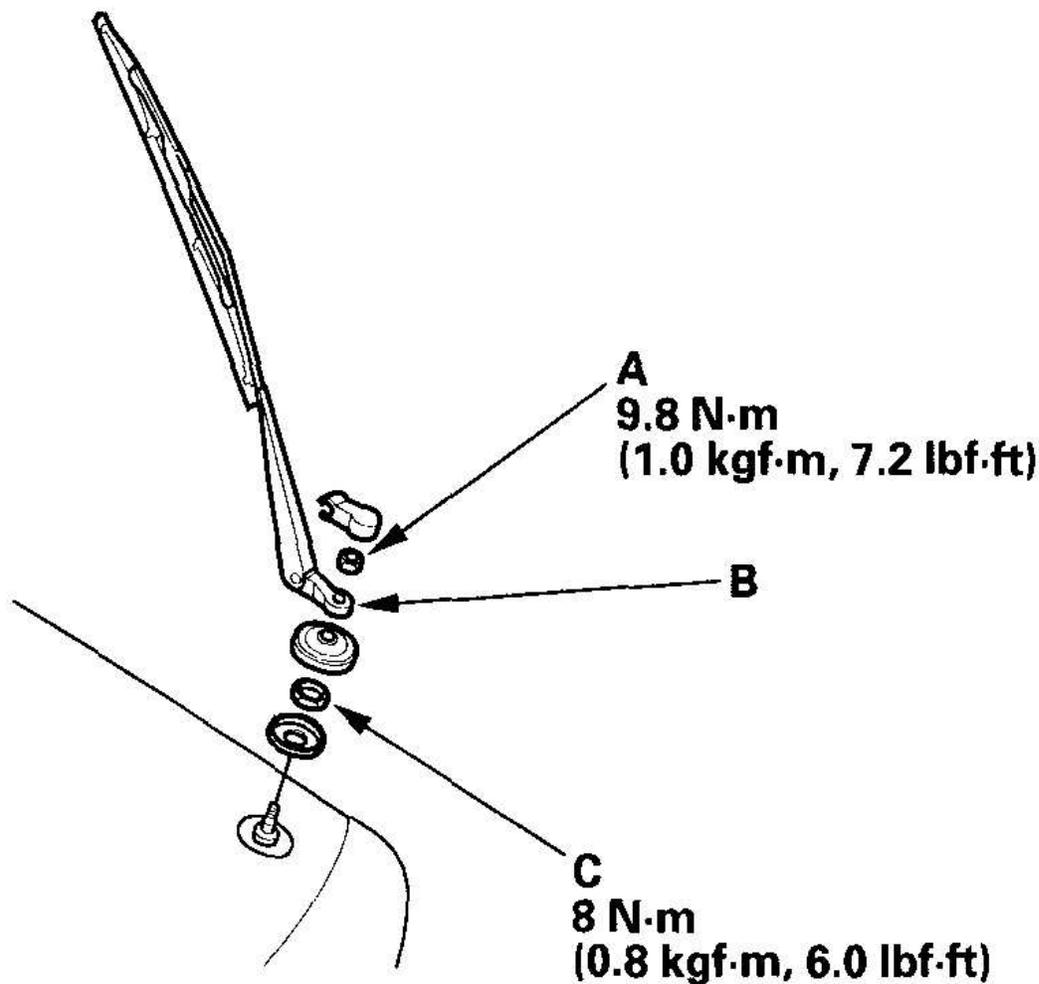
**Fig. 20: Removing Four Mounting Nuts And Wiper Motor With Specified Torques**

Courtesy of AMERICAN HONDA MOTOR CO., INC.

7. Apply a multipurpose grease to the moving parts and install in the reverse order of removal.

## REAR WINDOW WIPER MOTOR REPLACEMENT

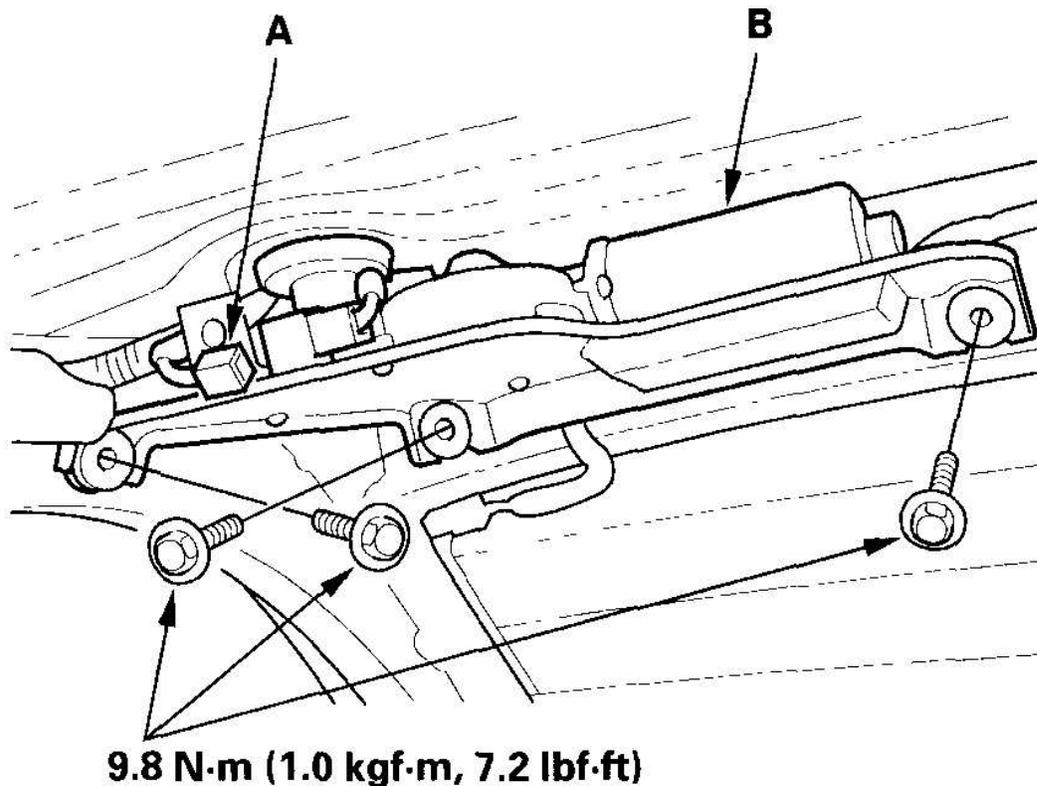
1. Remove the nut (A), the wiper arm (B) and the special nut (C).



G03683027

**Fig. 21: Removing Nut, Wiper Arm And Special Nut**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.

2. Open the hatch and remove the hatch trim panel (see **TRIM REMOVAL/INSTALLATION - HATCH AREA** ).
3. Disconnect the 4P connector (A) from the motor (B).



G03683028

**Fig. 22: Disconnecting 4P Connector From Motor And Torque Specifications**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.

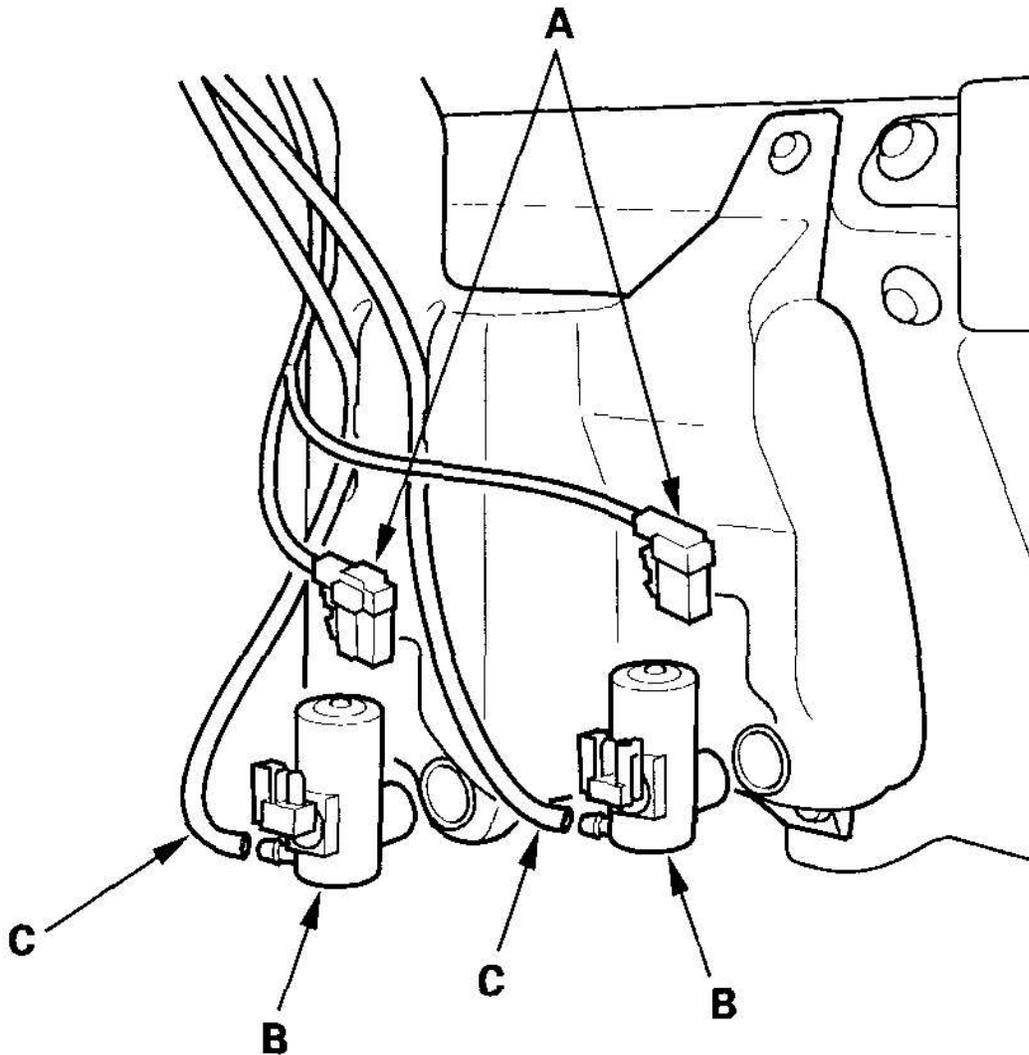
4. Remove the three mounting bolts, then remove the motor.
5. Install in the reverse order of removal.

### WASHER MOTOR/WASHER RESERVOIR REPLACEMENT

1. Pull away the right front inner fender (see **FRONT INNER FENDER**

**REPLACEMENT ).**

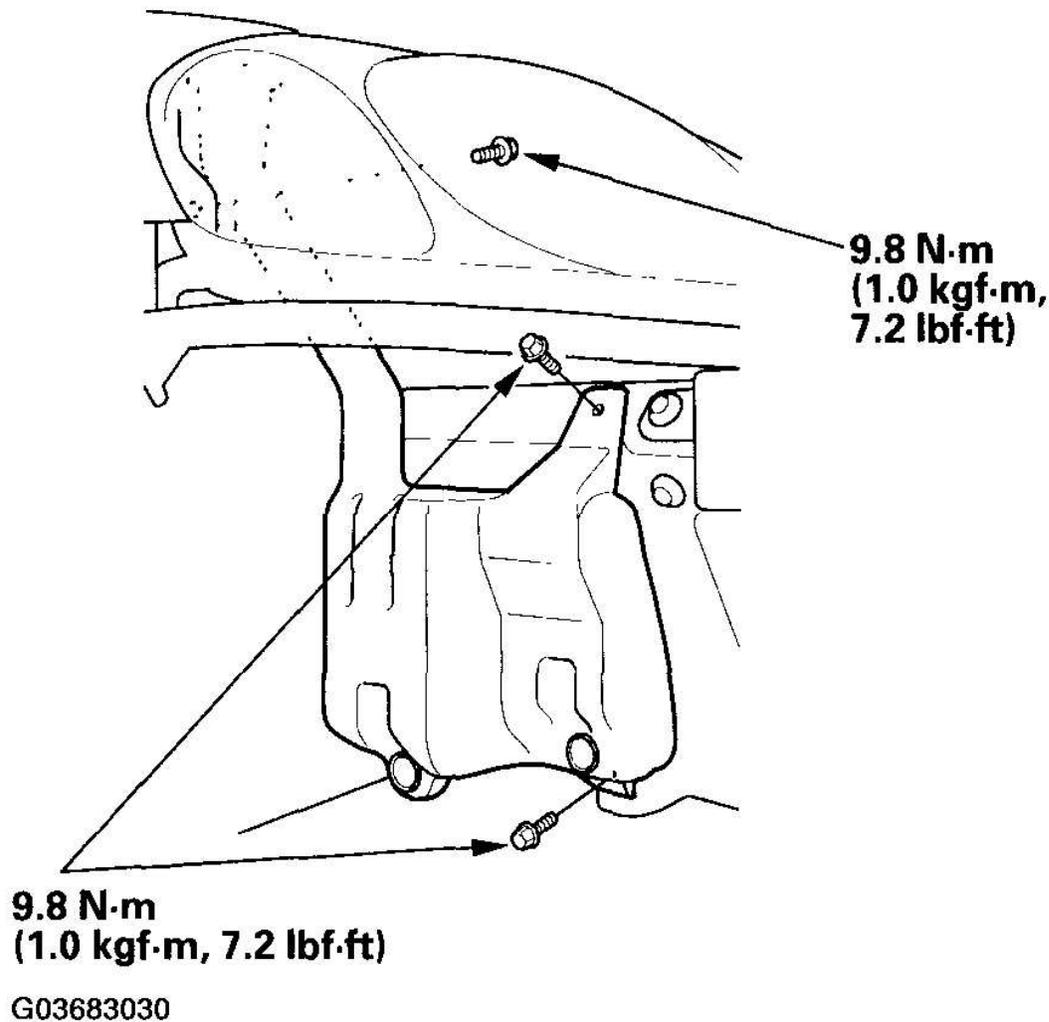
2. Disconnect the 2P connectors (A) from the washer motors (B).



G03683029

**Fig. 23: Disconnecting 2P Connectors From Washer Motors**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.

3. Disconnect the washer tubes (C) from the washer motors.
4. Remove the three mounting bolts and washer reservoir.



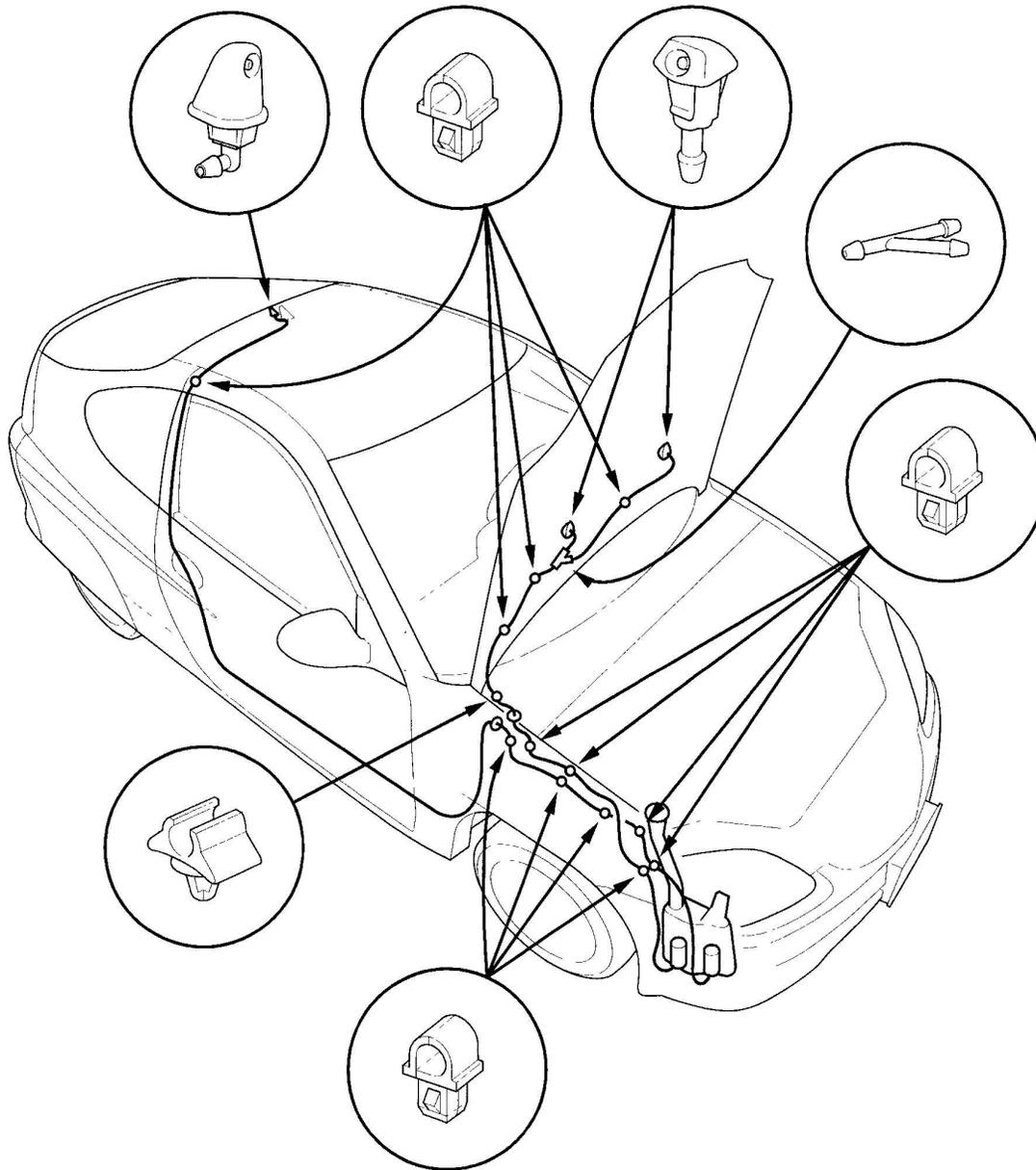
**Fig. 24: Removing Reservoir Mounting Bolts And Washer With Specified Torques**

Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. Install in the reverse order of removal.

## WASHER TUBE REPLACEMENT

1. Remove the right front inner fender (see **FRONT INNER FENDER REPLACEMENT** ).
2. Remove the washer nozzles and clips, then remove the tubes.



G03683031

**Fig. 25: Removing Washer Nozzles And Clips**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.

3. Install in the reverse order of removal. Take care not to pinch the washer tubes. Check the washers operation.