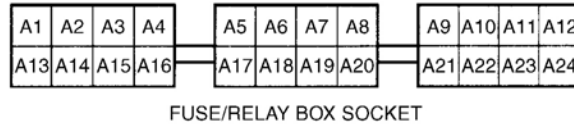


**Accord**

1. Disable air bag system. See AIR BAG RESTRAINT SYSTEMS article. Turn ignition off. Remove instrument panel lower left cover. Remove left knee bolster. Remove underdash fuse/relay box, located near left kick panel.
2. Remove driver's multiplex control unit from underdash fuse/relay box. Ensure connector and socket terminals are okay. Repair as necessary and retest system. If connector and terminals are okay, use a DVOM to perform control unit input test. See **Fig. 9** . If an input test indicates a problem, find and correct cause and retest system. If all input test results are okay, replace faulty multiplex control unit.

# 1999 Honda Accord DX

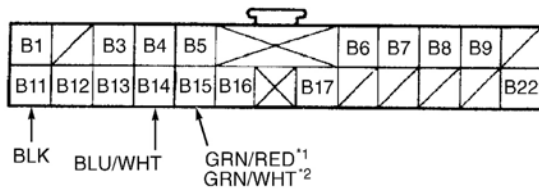
## 1999 ACCESSORIES & EQUIPMENT 'Wiper/Washer Systems



FUSE/RELAY BOX SOCKET

Disconnect the connector from the unit.

Cavity	Wire	Test condition	Test: Desired result	Possible cause if result is not obtained
A9	Fuse/relay box socket	Ignition switch ON (II) and wiper switch at INT	Check for voltage to ground: There should be battery voltage.	<ul style="list-style-type: none"> <li>Blown No. 7 (7.5 A) fuse in the driver's under-dash fuse/relay box</li> <li>Faulty wiper switch</li> <li>An open in the wire</li> </ul>
A8		Brake pedal pushed	Check for voltage to ground: There should be battery voltage.	<ul style="list-style-type: none"> <li>Blown No. 47 (20 A) fuse in the under-hood fuse/relay box</li> <li>An open in the wire</li> </ul>
A11		Ignition switch ON (II)	Check for voltage to ground: There should be battery voltage.	<ul style="list-style-type: none"> <li>Blown No. 12 (30 A) fuse in the driver's under-dash fuse/relay box</li> <li>Faulty intermittent wiper relay</li> <li>An open in the wire</li> </ul>
A21		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. 7 (7.5 A) fuse in the driver's under-dash fuse/relay box</li> <li>Faulty washer switch</li> <li>An open in the wire</li> </ul>
A23		Ignition switch ON (II)	Check for voltage to ground: There should be battery voltage.	<ul style="list-style-type: none"> <li>Blown No. 12 (30 A) fuse in the driver's under-dash fuse/relay box</li> <li>An open in the wire</li> </ul>
A3		Shift lever in <b>P</b>	Check for voltage to ground: There should be less than 1 V.	<ul style="list-style-type: none"> <li>Faulty A/T gear position switch</li> <li>Poor ground (G101)</li> <li>An open in the wire</li> </ul>
A24		Ignition switch ON (II)	Check for voltage to ground. There should be battery voltage.	<ul style="list-style-type: none"> <li>Blown No. 9 (7.5 A) fuse in the driver's under-dash fuse/relay box</li> <li>An open in the wire</li> </ul>



WIRE SIDE OF FEMALE TERMINALS

Disconnect the connector to the unit.

Cavity	Wire	Test condition	Test: Desired result	Possible cause if result is not obtained
B11	BLK	Under all conditions	Check for continuity to ground: There should be continuity.	<ul style="list-style-type: none"> <li>Poor ground (G503)</li> <li>An open in the wire</li> </ul>
B15	GRN/RED*1 GRN/WHT*2	Parking brake lever up	Check for voltage to ground: There should be approx. 1.2 V.	<ul style="list-style-type: none"> <li>Faulty parking brake switch</li> <li>An open in the wire</li> </ul>

\*1: USA

\*2: Canada

Reconnect the connector to the unit.

Cavity	Wire	Test condition	Test: Desired result	Possible cause if result is not obtained
B14	BLU/WHT	Rotate one front wheel slowly with other wheel blocked	Check for voltage to ground: There should be 0 to approx. 5 V or more.	<ul style="list-style-type: none"> <li>Faulty vehicle speed sensor (M/T) or PCM (A/T)</li> <li>An open in the wire</li> </ul>

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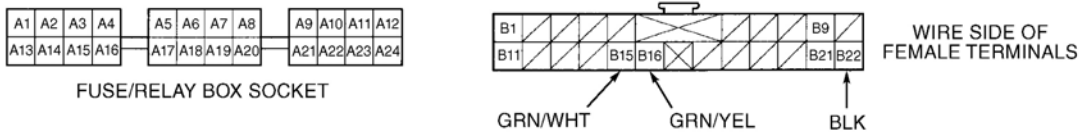
**Fig. 9: Driver's Multiplex Control Unit Input Test (Accord)**  
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

# 1999 Honda Accord DX

## 1999 ACCESSORIES & EQUIPMENT' Wiper/Washer Systems

### Accord

1. Disable air bag system. See AIR BAG RESTRAINT SYSTEMS article. Turn ignition off. Remove passenger's underdash fuse/relay box.
2. Remove passenger's multiplex control unit from passenger's underdash fuse/relay box. Ensure connector and socket terminals are okay. Repair as necessary and retest system. If connector and terminals are okay, use a DVOM to perform control unit input test. See **Fig. 12** . If an input test indicates a problem, find and correct cause and retest system. If all input test results are okay, replace faulty multiplex control unit.



Disconnect the connectors from the unit.

Cavity	Wire	Test condition	Test: Desired result	Possible cause if result is not obtained
B22	BLK	Under all conditions	Check for continuity to ground: There should be continuity	<ul style="list-style-type: none"> <li>• Poor ground (G504)</li> <li>• An open in the wire</li> </ul>
A22	Fuse/relay box socket	Ignition switch ON (II)	Check for voltage to ground: There should be battery voltage.	<ul style="list-style-type: none"> <li>• Blown No. 9 (7.5 A) fuse in the driver's underdash fuse/relay box</li> <li>• An open in the wire</li> </ul>
B16	GRN/YEL	Intermittent dwell time control ring turned	Check for resistance between the terminals: It should vary from 0 to 30 k as the ring is turned.	<ul style="list-style-type: none"> <li>• Faulty intermittent dwell time controller</li> <li>• An open in the wire</li> </ul>
B15	GRN/WHT			

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**Fig. 12: Passenger's Multiplex Control Unit Input Test (Accord)**

Courtesy of AMERICAN HONDA MOTOR CO., INC.

## TROUBLE SHOOTING

**NOTE:** Trouble shooting procedures for Civic are available in TSB 00-031 WINDSHIELD WIPERS DO NOT PARK OR SHUT OFF . Trouble shooting procedure for Accord, CR-V, Odyssey and Prelude is available in TSB HSN 0700-02 MORE WIPER WOES .

### WIPER/WASHER SWITCH

#### Removal & Installation

Disable air bag system. See AIR BAG RESTRAINT SYSTEMS article. Disconnect negative battery cable. Remove dash lower trim cover and knee bolster. Remove steering column covers. Disconnect wiper/washer switch connectors. Remove 2 screws and wiper/washer switch. To install, reverse removal procedure.

#### WIPER/WASHER SWITCH CONTINUITY TEST (ACCORD)

Switch Position	Check Continuity Between Terminals
OFF	A3 & A5

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**1999 Honda Accord DX**

1999 ACCESSORIES & EQUIPMENT' 'Wiper/Washer Systems

INT	A2 & A7; A3 & A5
LO	A3 & A8
HI	A4 & A8
MIST (On)	A4 & A8
WASHER (On)	A1 & A7
Intermittent Dwell Time <sup>(1)</sup>	B1 & B2

(1) Controller turned. Resistance varies between 0-30 k/ohms.

