

Driving Position Memory System (DPMS)

Pre-troubleshooting Tests

Before troubleshooting the DTC(s) indicated by the LEDs in the position buttons of the memory switch, or before selecting a flowchart from the troubleshooting guide on page [23-202](#), make the following tests to check power and ground.

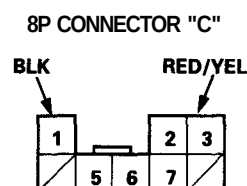
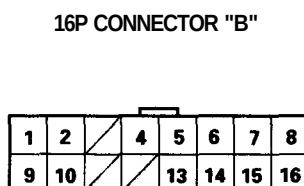
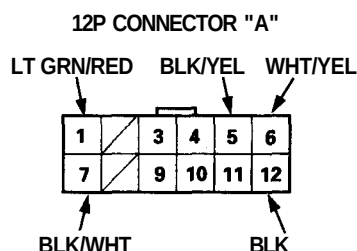
NOTE:

- Be careful not to cause shorts or damage wire insulation when back-probing.
- In the tests, "column control unit" stands for "steering column control unit", mirror control unit" stands for "power mirror control unit", seat control unit" stands for "power seat control unit".
- All connector views are from wire side of female terminals.

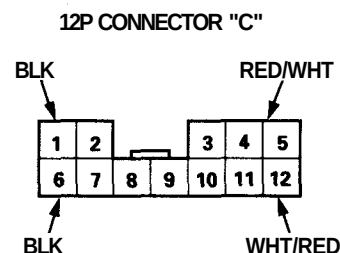
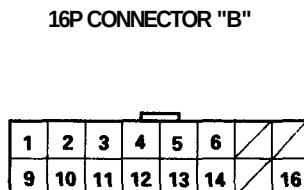
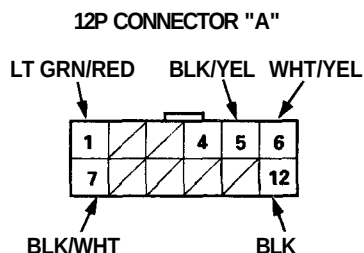
Inspect the connector and socket terminals to be sure they are all making good contact.

- If the terminals are bent, loose or corroded, repair them as necessary, and recheck the system.
- If the terminals look OK, make voltage and continuity checks at the connectors.

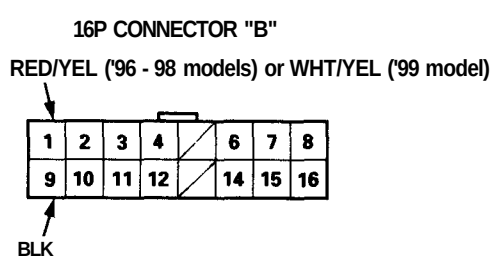
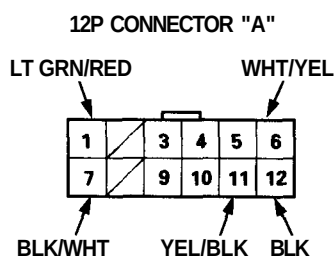
Steering Column Control Unit:



Power Seat Control Unit:



Power Mirror Control Unit:



Steering Column Control Unit:

Cavity	Wire	Test condition	Test: Desired result	Possible cause if result is not obtained
A5	BLK/YEL	Ignition switch ON (II)	Check for voltage to ground: There should be battery voltage.	• Blown No. 20 (20 A) fuse in the under-dash fuse/relay box • An open in the wire
A6	WHT/YEL	Under all conditions		• Blown No. 56 (7.5 A) fuse in the under-hood fuse/relay box • An open in the wire
C3	RED/YEL			• Blown No. 54 (20 A) fuse in the under-hood fuse/relay box • An open in the wire
A12	BLK	Under all conditions	Check for continuity to ground: There should be continuity.	• Poor ground (G401, G402 or G251) • An open in the wire
C1	BLK			
A1	LT GRN/RED	Ignition switch ON (II), and do not operate DPMS	Check for voltage to ground: There should be no voltage.	• An open or short in the wire
A7	BLK/WHT	Ignition switch ON (II), and do not operate DPMS	Check for voltage to ground: There should be approx. 5 V.	• An open or short in the wire

Power Seat Control Unit:

Cavity	Wire	Test condition	Test: Desired result	Possible cause if result is not obtained
A5	BLK/YEL	Ignition switch ON (II)	Check for voltage to ground: There should be battery voltage.	• Blown No. 20 (20 A) fuse in the under-dash fuse/relay box • An open in the wire
A6	WHT/YEL	Under all conditions		• Blown No. 56 (7.5 A) fuse in the under-hood fuse/relay box • An open in the wire
C5	RED/WHT	Under all conditions		• Blown No. 11 (20 A) fuse in the under-dash fuse/relay box • An open in the wire
C12	WHT/RED	Under all conditions		• Blown No. 8 (20 A) fuse in the under-dash fuse/relay box • An open in the wire
A12	BLK	Under all conditions	Check for continuity to ground: There should be continuity.	• Poor ground (G401, G402 or G251) • An open in the wire
C1	BLK			• Poor ground (G651, G681) • An open in the wire
C6	BLK			
A1	LT GRN/RED	Ignition switch ON (II), and do not operate DPMS	Check for voltage to ground: There should be no voltage.	• An open or short in the wire
A7	BLK/WHT	Ignition switch ON (II), and do not operate DPMS	Check for voltage to ground: There should be approx. 5 V.	• An open or short in the wire

Power Mirror Control Unit:

Cavity	Wire	Test condition	Test: Desired result	Possible cause if result is not obtained
B1	RED/YEL (WHT/YEL)	Under all conditions	Check for voltage to ground: There should be battery voltage.	• Blown No. 54 (20 A) or No. 56 (7.5 A) fuse in the under-dash fuse/relay box • An open in the wire
A6	WHT/YEL			• Blown No. 56 (7.5 A) fuse in the under-hood fuse/relay box • An open in the wire
A11	YEL/BLK	Ignition switch ON (II)		• Blown No. 19 (7.5 A) fuse in the under-dash fuse/relay box • An open in the wire
B9	BLK	Under all conditions	Check for continuity to ground: There should be continuity.	• Poor ground (G401, G402 or G251) • An open in the wire
A12	BLK			
A1	LT GRN/RED	Ignition switch ON (II), and do not operate DPMS	Check for voltage to ground: There should be no voltage.	• An open or short in the wire
A7	BLK/WHT	Ignition switch ON (II), and do not operate DPMS	Check for voltage to ground: There should be approx. 5 V.	• An open or short in the wire