

Driving Position Memory System (DPMS)

Troubleshooting (cont'd)

Flowchart No. 9

MEMO Button:

Check for voltage between the column control unit 16P connector B8 and B16 terminals. There should be 1 V or less with the MEMO button pushed and 5 V or more with the MEMO button released.

Are voltages as specified?

NO

- Open or short in the YEL/WHT or YEL/BLU wires
- Faulty driving position memory switch

YES

Position Button 1:

Check for voltage between the column control unit 16P connector B7 and B16 terminals. There should be 1 V or less with the position button 1 pushed and 5 V or more with the position button 1 released.

Are voltages as specified?

NO

- Open or short in the BLU/WHT or YEL/BLU wires
- Faulty driving position memory switch

YES

Position Button 2:

Check for voltage between the column control unit 16P connector B15 and B16 terminals. There should be 1 V or less with the position button 2 pushed and 5 V or more with the position button 2 released.

Are voltages as specified?

NO

- Open or short in the BLU/YEL or YEL/BLU wires
- Faulty driving position memory switch

YES

Communication Lines:

Check for continuity between the column control unit 12P connector A1 terminal and seat control unit 12P connector A1 terminal. Check for continuity between the column control unit 12P connector A7 terminal and seat control unit 12P connector A7 terminal.

Is there continuity?

NO

Open in the LT GRN/RED or BLK/WHT wires

YES

Communication Lines:

Check for continuity between the column control unit 12P connector A1 terminal and mirror control unit 12P connector A1 terminal. Check for continuity between the column control unit 12P connector A7 terminal and mirror control unit 12P connector A7 terminal.

Is there continuity?

NO

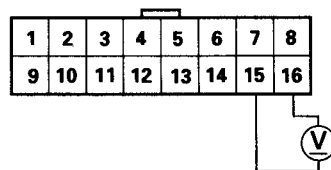
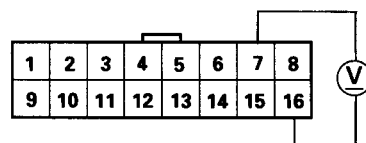
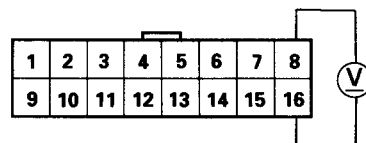
Open in the LT GRN/RED or BLK/WHT wires

YES

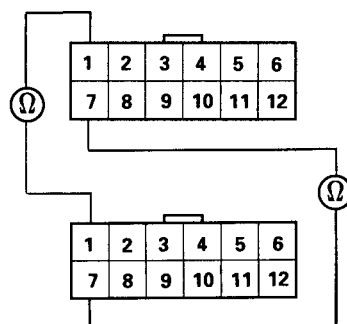
Substitute a known-good column control unit, and recheck. If the systems now work OK, replace the original column control unit.

NOTE: All connector views are from wire side of female terminals.

COLUMN CONTROL UNIT
16P CONNECTOR "B"

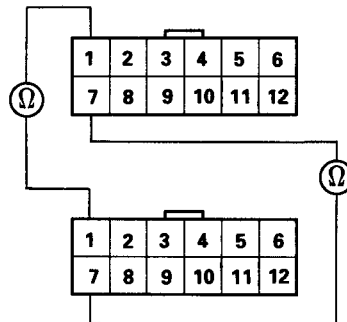


COLUMN CONTROL UNIT
12P CONNECTOR "A"



SEAT CONTROL UNIT
12P CONNECTOR "A"

COLUMN CONTROL UNIT
12P CONNECTOR "A"



MIRROR CONTROL UNIT
12P CONNECTOR "A"