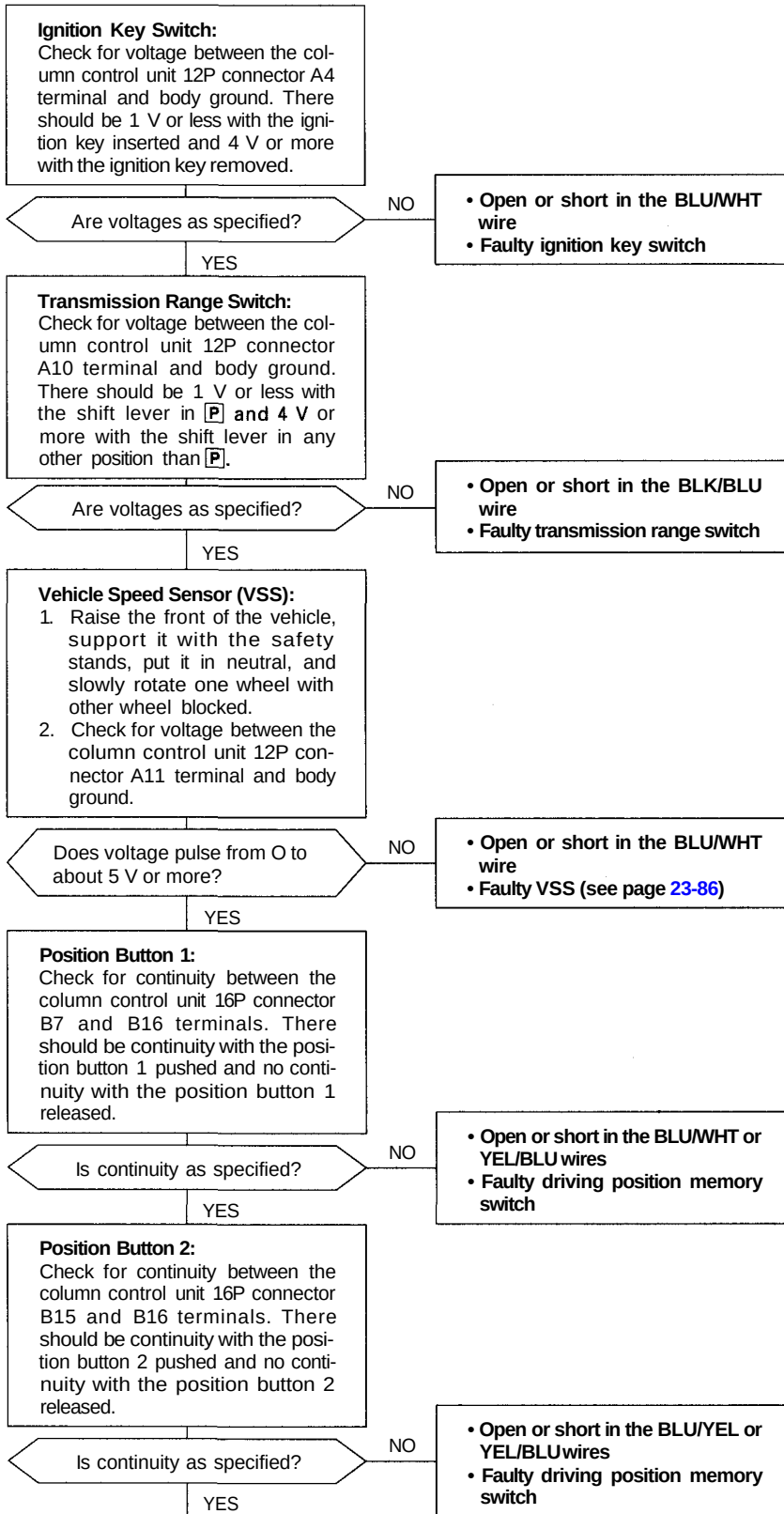


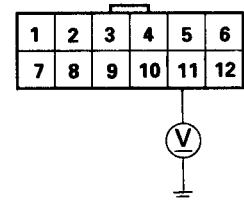
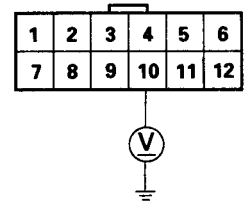
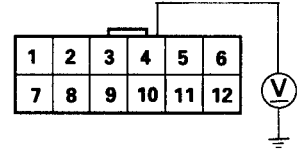
NOTE: All connector views are from wire side of female terminals.

Flowchart No. 2

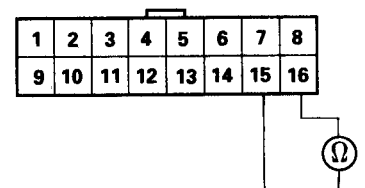
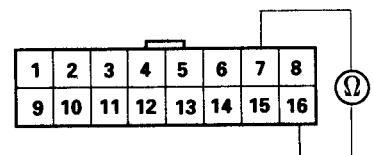


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COLUMN CONTROL UNIT
12P CONNECTOR "A"



COLUMN CONTROL UNIT
16P CONNECTOR "B"



(cont'd)

Driving Position Memory System (DPMS)

Troubleshooting (cont'd)

From page [23-209](#)

Steering Column Position Sensor:
Check for voltage between the column control unit 16P connector B2 and B10 terminals.
NOTE: All column control unit connectors are must be connected.

Are voltages as specified?

NO

- Open or short in the GRY or BRN wires
- Faulty steering column position sensors

YES

Steering Column Position Sensor (Extend-retract):

Check for voltage between the column control unit 16P connector B9 and B10 terminals. There should be 2.5 V or more with the steering column in fully-extended position and 2.5 V or less with the steering column in fully-retracted position.
NOTE: All column control unit connectors must be connected.

NOTE: If necessary, apply power and ground to the extend-retract motor to move the steering column to the fully-extended and fully-retracted positions (see page [23-226](#)).

Are voltages as specified?

NO

- Open or short in the PNK or BRN wires
- Faulty extend-retract position sensor

YES

Steering Column Position Sensor (Tilt):

Check for voltage between the column control unit 16P connector B1 and B10 terminals. There should be 2.5 V or more with the steering column in fully-up position and 2.5 V or less with the steering column in fully-down position.
NOTE: All column control unit connectors must be connected.

NOTE: If necessary, apply power and ground to the tilt motor to move the steering column to the fully-up and fully-down positions (see page [23-226](#)).

Are voltages as specified?

NO

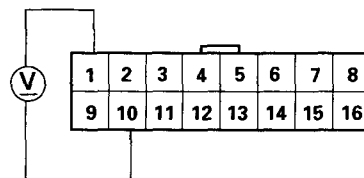
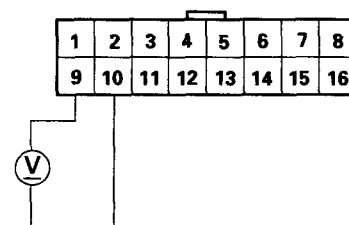
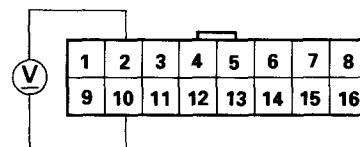
- Open or short in the BLU or BRN wires
- Faulty tilt position sensor

YES

To page [23-211](#)

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

COLUMN CONTROL UNIT
16P CONNECTOR "B"



From page 23-210

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

Slide Position Sensor:

Check for voltage between the seat control unit 12P connector A4 terminal and 16P connector B2 Terminal.

NOTE: Both connectors must be connected.

CAUTION: Check the sensor carefully because the motor will run and the seat will move.

Does voltage pulse between 1 V or less and 4 V or more with the slide motor running?

NO

- Open or short in the YEL/GRN or GRN/BLK wires
- Faulty slide position sensor

YES

Recline Position Sensor:

Check for voltage between the seat control unit 12P connector A4 terminal and 16P connector B10 terminal.

NOTE: Both connectors must be connected.

CAUTION: Check the sensor carefully because the motor will run and the seat will move.

Does voltage pulse between 1 V or less and 4 V or more with the recline motor running?

NO

- Open or short in the WHT/RED or GRN/BLK wires
- Faulty recline position sensor

YES

Front Up-down Position Sensor:

Check for voltage between the seat control unit 12P connector A4 terminal and 16P connector B1 terminal.

NOTE: Both connectors must be connected.

CAUTION: Check the sensor carefully because the motor will run and the seat will move.

Does voltage pulse between 1 V or less and 4 V or more with the front up-down motor running?

NO

- Open or short in the YEL/BLK or GRN/BLK wires
- Faulty front up-down position sensor

YES

Rear Up-down Position Sensor:

Check for voltage between the seat control unit 12P connector A4 terminal and 16P connector B9 terminal.

NOTE: Both connectors must be connected.

CAUTION: Check the sensor carefully because the motor will run and the seat will move.

Does voltage pulse between 1 V or less and 4 V or more with the rear up-down motor running?

NO

- Open or short in the WHT or GRN/BLK wires
- Faulty rear up-down position sensor

YES

SEAT CONTROL UNIT
12P CONNECTOR "A"

1	2	3	4	5	6
7	8	9	10	11	12

1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16

SEAT CONTROL UNIT
16P CONNECTOR "B"

1	2	3	4	5	6
7	8	9	10	11	12

1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16

1	2	3	4	5	6
7	8	9	10	11	12

1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16

1	2	3	4	5	6
7	8	9	10	11	12

1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16

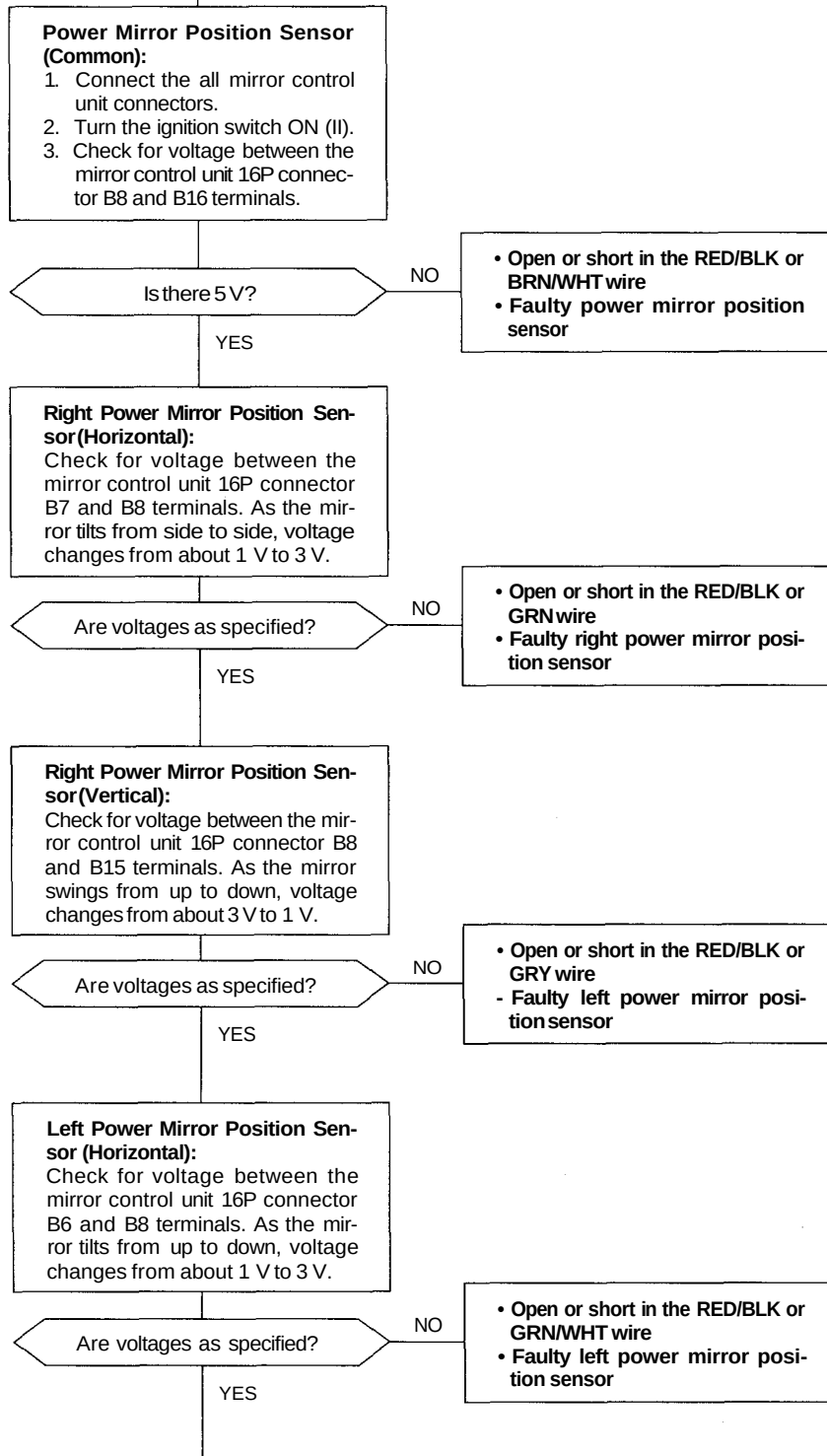
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Driving Position Memory System (DPMS)

Troubleshooting(cont'd)

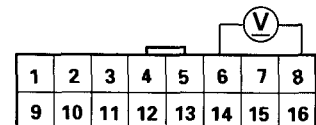
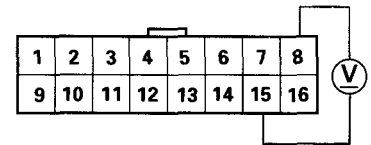
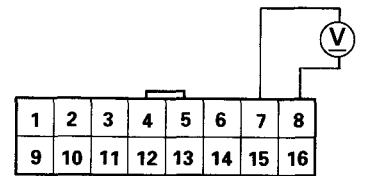
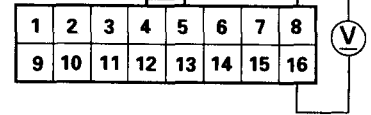
From page [23-211](#)



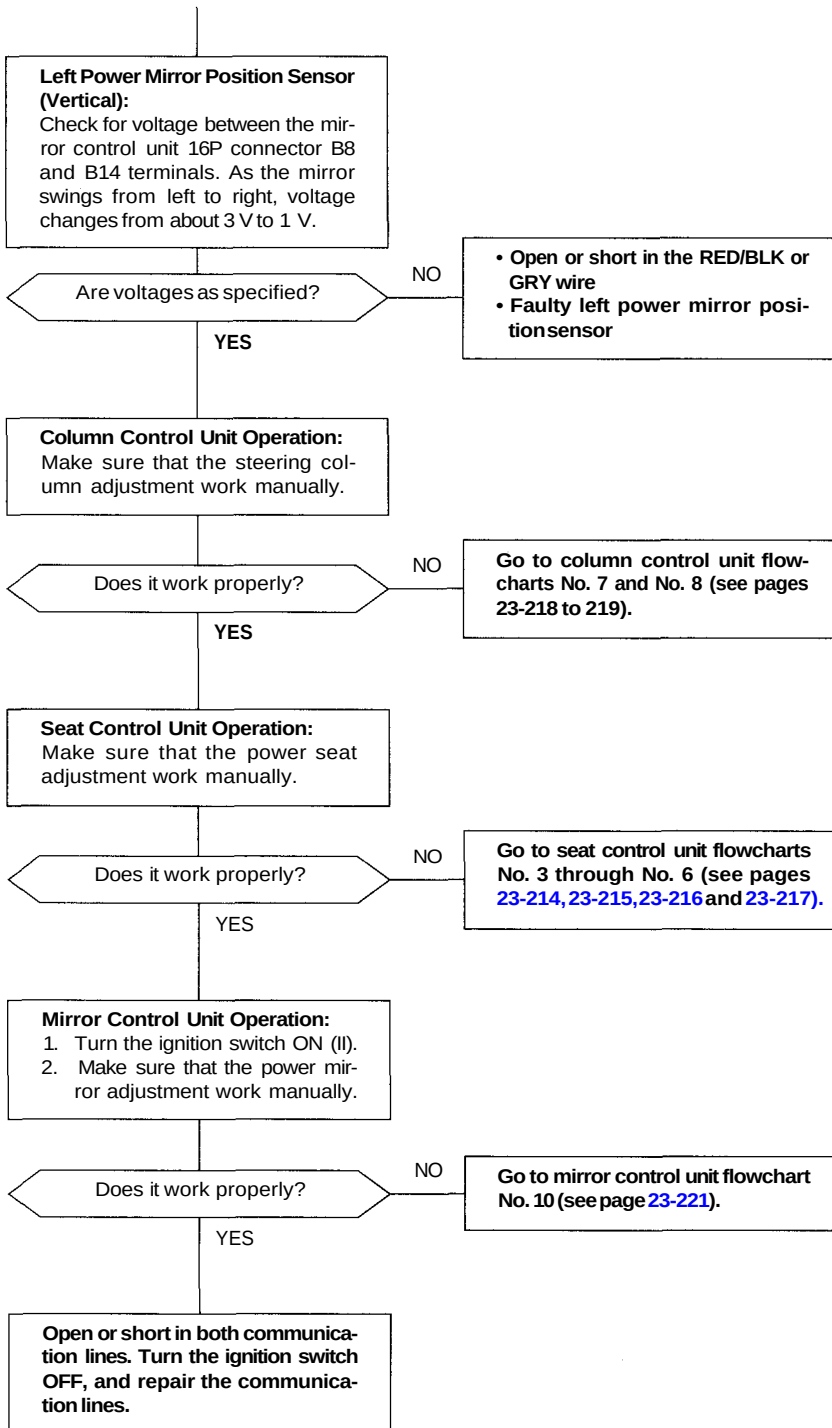
To page [23-213](#)

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

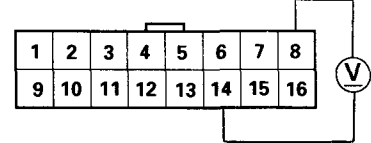
MIRROR CONTROL UNIT
16P CONNECTOR "B"



From page [23-212](#)



MIRROR CONTROL UNIT
16P CONNECTOR "B"



Wire side of female terminals

NOTE: The column control unit and the seat control unit, and the column control unit and the mirror control unit are connected by two communication lines. If one of these lines is open or shorted, the automatic adjustment still functions. If both lines are open or short, the automatic adjustment stops functioning, and only the manual adjustment functions.

(cont'd)