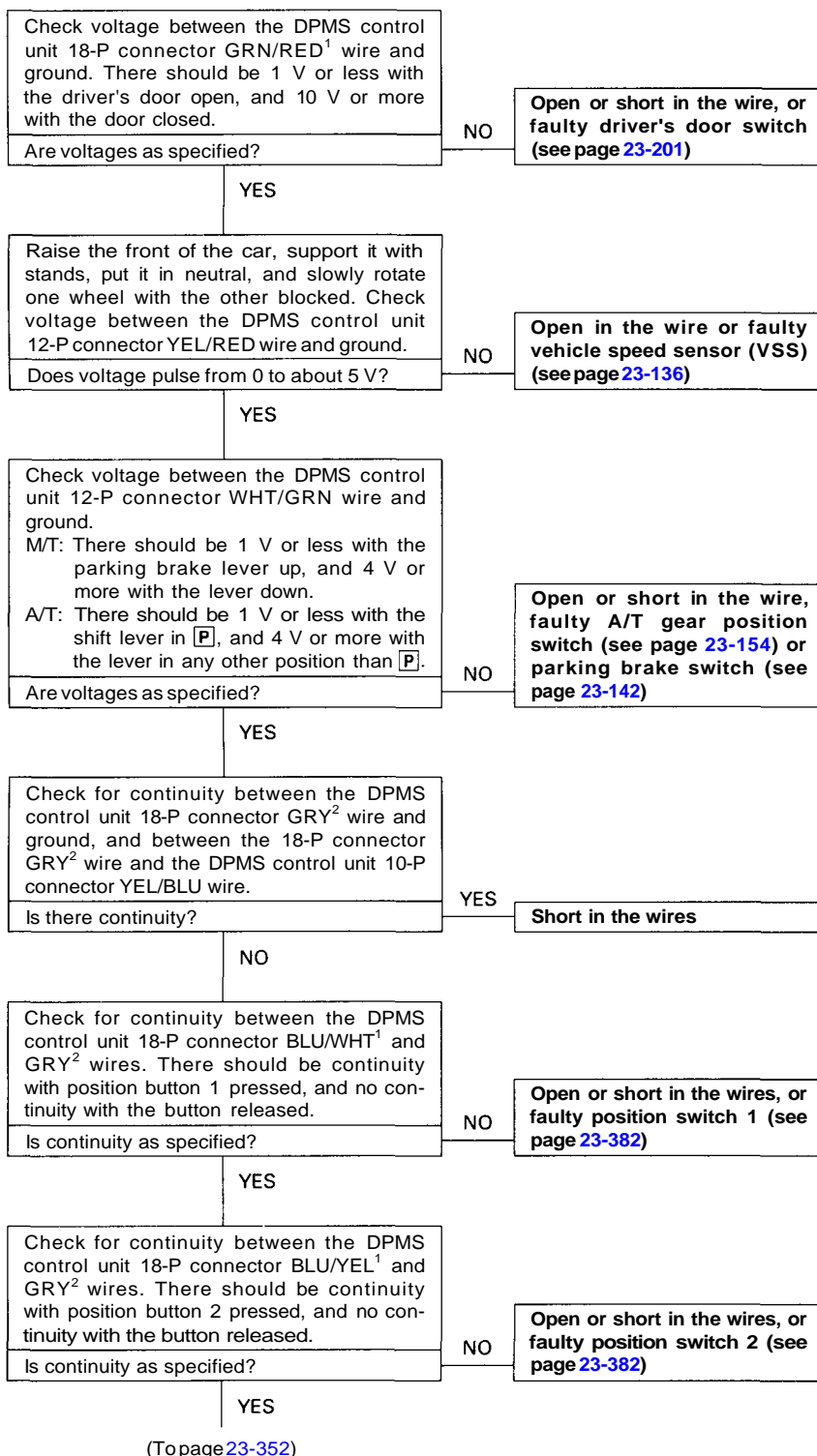
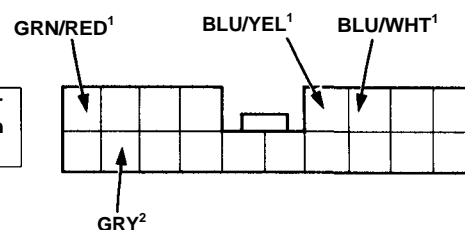




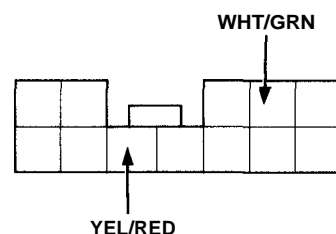
Flowchart No. 4



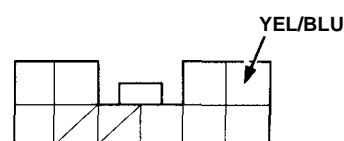
DPMS control unit
18-P connector (C249)



DPMS control unit
12-P connector (C248)



DPMS control unit
10-P connector (C246)

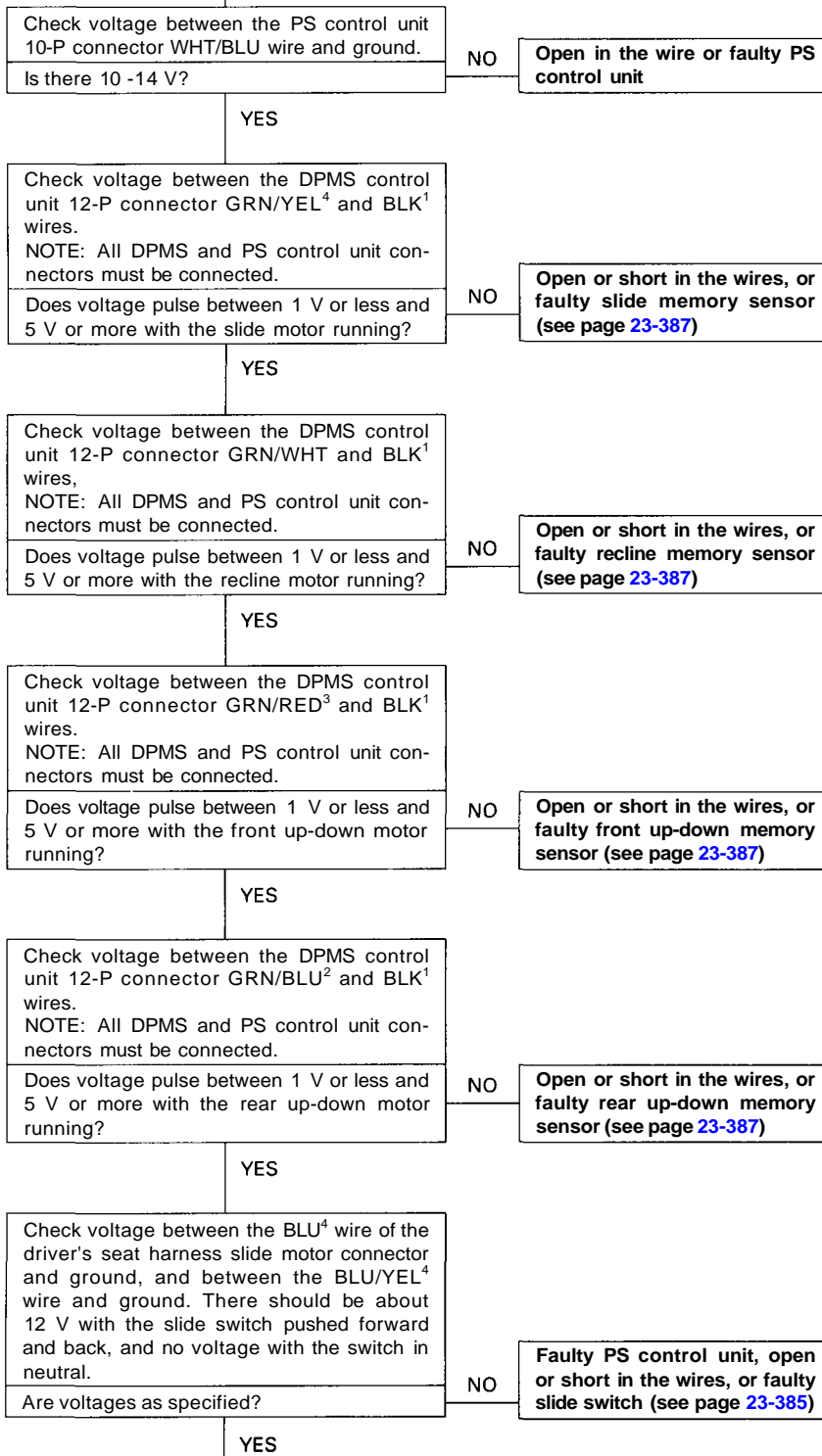


(cont'd)

Troubleshooting

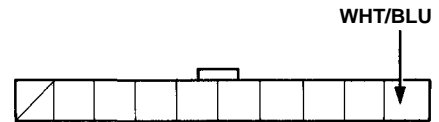
Flowcharts(cont'd)

(From page 23-351)

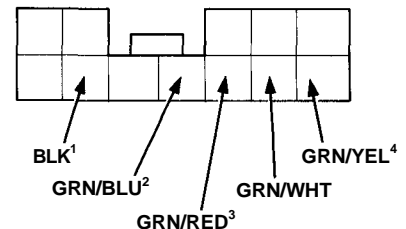


(To page 23-353)

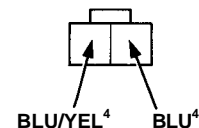
Power seat control unit
10-P connector (C705)



DPMS control unit
12-P connector (C248)



Driver's seat harness
slide motor 2-P connector (C709)





(From page 23-352)

Check voltage between the YEL³ wire of the driver's seat harness recline motor connector and ground, and between the YEL/GRN³ wire and ground. There should be about 12 V with the recline switch pushed forward and back, and no voltage with the switch in neutral.

Are voltages as specified?

NO

Faulty PS control unit, open or short in the wires, or faulty recline switch (see page 23-385)

YES

Check voltage between the GRN⁴ wire of the driver's seat harness front up-down motor connector and ground, and between the GRN/YEL⁴ wire and ground. There should be about 12 V with the front up-down switch pushed up and down, and no voltage with the switch in neutral.

Are voltages as specified?

NO

Faulty PS control unit, open or short in the wires, or faulty front up-down switch (see page 23-385)

YES

Check voltage between the RED⁴ wire of the driver's seat harness rear up-down motor connector and ground, and between the RED/YEL⁴ wire and ground. There should be about 12 V with the rear up-down switch pushed up and down, and no voltage with the switch in neutral.

Are voltages as specified?

NO

Faulty PS control unit, open or short in the wires, or faulty rear up-down switch (see page 23-385)

YES

Test the power seat slide motor (see page 23-386).

Does the motor run smoothly without noise?

NO

Open in the BLU⁴ or BLU/YEL⁴ wires or faulty slide motor

YES

Test the power seat recline motor (see page 23-386).

Does the motor run smoothly without noise?

NO

Open in the YEL³ or YEL/GRN³ motor wires or faulty recline motor

YES

Test the power seat front up-down motor (see page 23-386).

Does the motor run smoothly without noise?

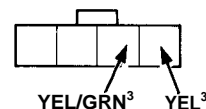
NO

Open in the GRN⁴ or GRN/YEL⁴ motor wires or faulty front up-down motor

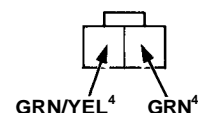
YES

(To page 23-354)

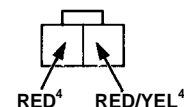
Driver's seat harness recline motor 4-P connector (C715)



Driver's seat harness front up-down motor 2-P connector (C711)



Driver's seat harness rear up-down motor 2-P connector (C710)



(cont'd)

Troubleshooting

Flowcharts(cont'd)

(From page 23-353)

Test the power seat rear up-down motor (see page 23-386).

Does the motor run smoothly without noise?

NO

Open in the RED⁴ or RED/YEL⁴ motor wires or faulty rear up-down motor

YES

Check voltage between the BRN² and GRY³ wires on the left side wire harness side of the steering column memory sensor connector. There should be 5 V.

NOTE: All DPMS control unit connectors must be connected.

Is there 5 V?

NO

Open in the wires or faulty DPMS control unit

YES

Check voltage between the SC control unit 8-P connector YEL/WHT² wire and ground.

Is there 10 -14 V?

NO

Open in the wire or faulty DPMS control unit

YES

Check voltage between the DPMS control unit 12-P connector BRN² and BLU² wires. There should be 5 V with the steering column in the fully-up position, and no voltage in the fully-down position.

NOTE: All DPMS and SC control unit connectors must be connected.

Is voltage as specified?

NO

Open or short in the wires, or faulty tilt memory sensor (see page 23-383)

YES

Check voltage between the DPMS control unit 12-P connector BRN² and PNK wires. There should be 5 V with the steering column in the fully-extend position, and no voltage in the fully- retract position.

NOTE: All DPMS and SC control unit connectors must be connected.

Is voltage as specified?

NO

Open or short in the wires, or faulty extend-retract memory sensor (see page 23-383)

YES

Check voltage between the RED/BLK wire on the left side wire harness side of the tilt motor connector and ground, and between the RED/WHT wire and ground. There should be 12 V with the tilt-up switch or tilt-down switch ON, and no voltage with the switches OFF.

Are voltages as specified?

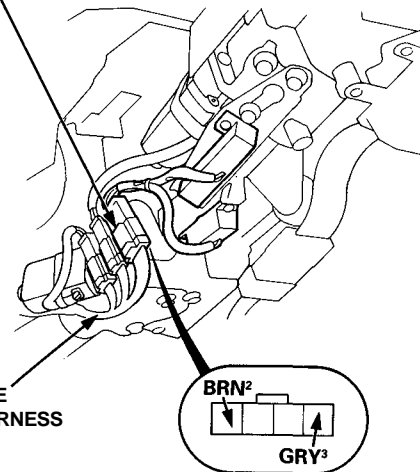
NO

Open or short in the wires, or faulty SC control unit

YES

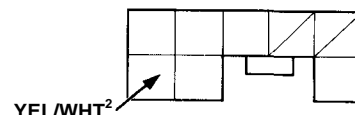
(To page 23-355)

STEERING COLUMN MEMORY SENSOR CONNECTOR

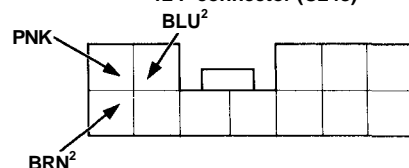


LEFT SIDE WIRE HARNESS

Steering column control unit 8-P connector (C242)



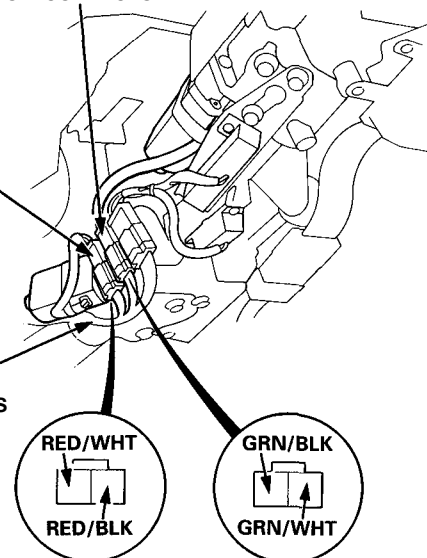
DPMS control unit 12-P connector (C248)



EXTEND-RETRACT MOTOR CONNECTOR

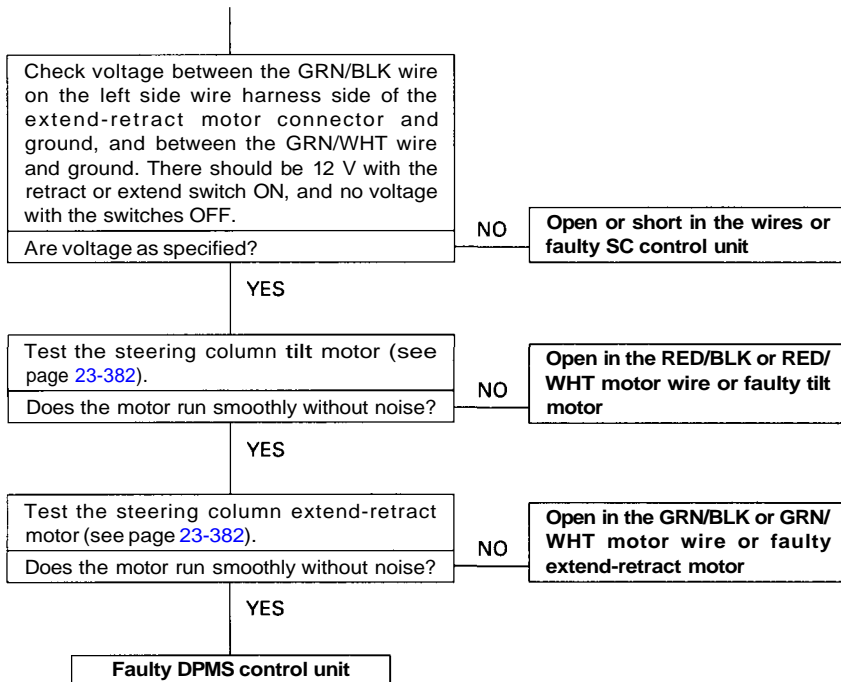
TILT MOTOR CONNECTOR

LEFT SIDE WIRE HARNESS

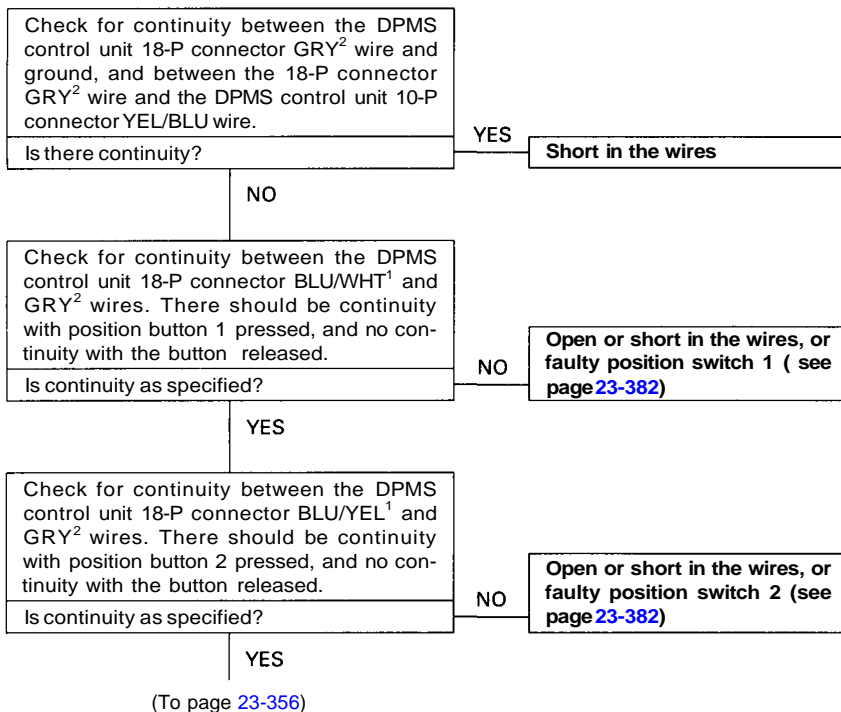




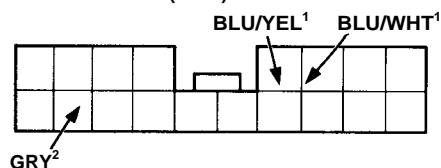
(From page 23-354)



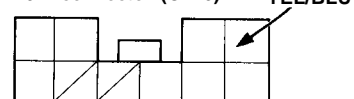
Flowchart No. 5



DPMS control unit
18-P connector (C249)



DPMS control unit
10-P connector (C246)



(cont'd)