

Troubleshooting

Flowcharts (cont'd)

Flowchart No. 23

Check for continuity between the DPMS control unit 18-P connector GRY² wire and ground, and between the 18-P connector GRY² wire and the DPMS control unit 10-P connector YEL/BLU wire.

Is there continuity?

YES

Short in the wires

NO

Check for continuity between the DPMS control unit 18-P connector GRN¹ and GRY² wires, and the GRN/YEL¹ and GRY² wires. There should be continuity with the front up-down switch pushed up and down, there should be no continuity with the switch in neutral.

Is continuity as specified?

NO

Open or short in the wires, or faulty front up-down switch (see page 23-385)

YES

Check voltage between the PS control unit 10-P connector WHT/BLU wire and ground.

Is there 10–14 V?

NO

Open in the wire or faulty DPMS control unit

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 there should be 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

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

Does the motor run smoothly without noise?

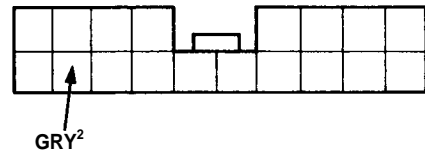
NO

Open in the CRN⁴ or CRN/YEL⁴ motor wires, or faulty front up-down motor

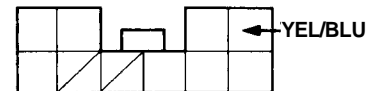
YES

Faulty DPMS control unit

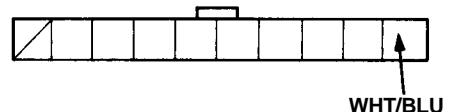
DPMS control unit
18-P connector (C296)



DPMS control unit
10-P connector (C293)



Power seat control unit
10-P connector (C705)



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

