Troubleshooting

Flowcharts (cont'd)

Flowchart No. 21

Check for continuity between the DPMS control unit 18-P connector GRY[2] wire and ground, and between the 18-P connector GRY[2] 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 BLU[1] and GRY[2] wires, and the BLU/YEL[2] and GRY[2] wires. There should be continuity with the slide switch pushed forward and back, there should be no continuity with the switch in neutral.

Is continuity as specified?

- NO → **Open or short in the wires, or faulty slide switch (see page 23-385)**
- YES ↓

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

Is there 10–14V?

- NO → **Open in the wire or faulty DPMS control unit**
- YES ↓

Check voltage between the BLU[4] wire of the driver's seat harness slide motor connector and ground, and between the BLU/YEL[4] wire and ground. There should be about 12V with the slide switch pushed forward and back, 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 slide switch (see page 23-385)**
- YES ↓

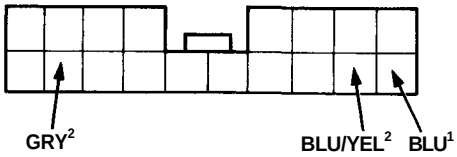
Test the power seat slide motor (see page 23-386).

Does the motor run smoothly without noise?

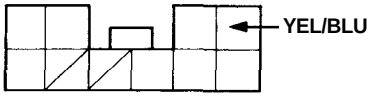
- NO → **Open in the BLU[4] or BLU/YEL[4] motor wires, or faulty slide motor**
- YES ↓

Faulty DPMS control unit

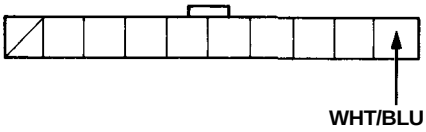
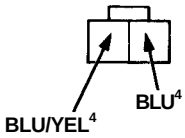
DPMS control unit 18-P connector (C296)



DPMS control unit 10-P connector (C293)



Power seat control unit 10-P connector (C246)



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