

Troubleshooting

Flowcharts (cont'd)

Flowchart No. 25

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 WHT/RED and GRY² wires, and the GRY/BLK and GRY² wires. There should be continuity with the tilt-up and tilt-down switches pushed, and there should be no continuity with the switches released.

Is continuity as specified?

NO

Open or short in the wires, or faulty tilt switches (see page [23-384](#))

YES

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

Is there 10–14V?

NO

Open in the wires or faulty DPMS control unit

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 or tilt-down switch pushed, and there should be no voltage with the switches released.

Are voltage as specified?

NO

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

YES

Test the steering column tilt motor (see page [23-382](#)).

Does the motor run smoothly without noise?

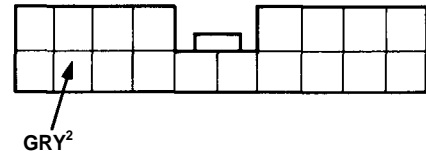
NO

Open in the RED/BLK or RED/WHT motor wire, or faulty tilt motor

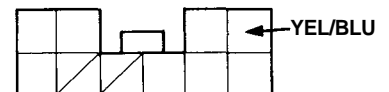
YES

Faulty DPMS control unit

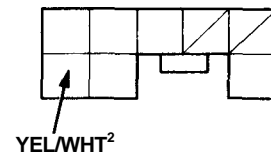
DPMS control unit
18-P connector (C296)



DPMS control unit
10-P connector (C293)



Steering column control
unit 8-P connector (C289)



EXTEND-RETRACT
MOTOR CONNECTOR

TILT MOTOR
CONNECTOR

LEFT SIDE
WIRE HARNESS

