

Troubleshooting

Flowcharts(cont'd)

Flowchart No. 15

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 for continuity between the DPMS control unit 10-P connector BLU/GRN wire and the 18-P connector GRY² wire, and between the DPMS 14-P connector BLU/WHT³ wire and the 18-P connector GRY² wire. There should be continuity with the retract and extend switches pushed, and there should be no continuity with the switches released.

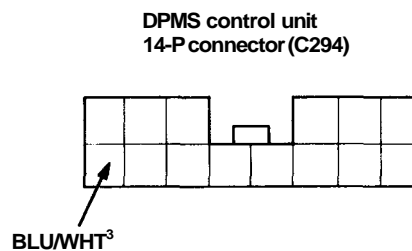
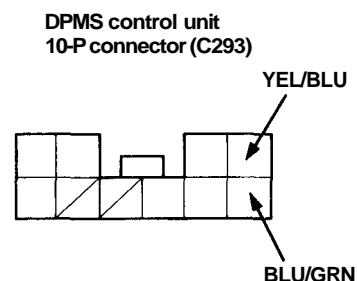
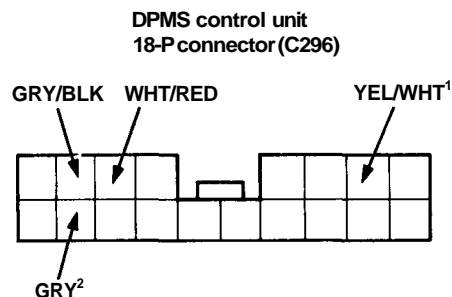
Is continuity as specified?

NO

Open or short in the wires, or faulty extend and retract switches (see page 23-384)

YES

Faulty DPMS control unit



Flowchart No. 16

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 YEL/WHT¹ wire and GRY² wire. There should be continuity with the MEMO button pushed, and there should be no continuity with the MEMO button released.

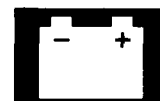
Is continuity as specified?

NO

Open or short in the wires, or faulty MEMO button (see page 23-382)

YES

(To page 23-361)



(From page 23-360)

Check for continuity between the DPMS control unit 18-P connector BLU/WHT¹ wire and GRY² wire. There should be continuity with position button 1 pushed, and there should be no continuity with the button released.

Is continuity as specified?

NO

Open or short in the wires, or faulty position button 1 (see page 23-382)

YES

Check for continuity between the DPMS control unit 18-P connector BLU/YEL¹ wire and GRY² wire. There should be continuity with position button 2 pushed, and there should be no continuity with the button released.

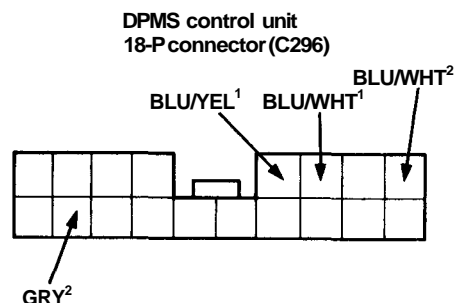
Is continuity as specified?

NO

Open or short in the wires, or faulty position button 2 (see page 23-382)

YES

Faulty DPMS control unit



Flowchart No. 17

Check voltage between the DPMS control unit 18-P connector BLU/WHT² wire and ground. There should be 1 V or less with the ignition key inserted, and there should be 10 V or more with the key pulled out.

Are voltages as specified?

NO

Open or short in the wire, or faulty ignition key switch (see page 23-209)

YES

Check voltage between the DPMS control unit 12-P connector BLK/RED wire and ground. There should be 1 V or less with the ignition switch OFF, and there should be 10 V or more with the ignition switch ON.

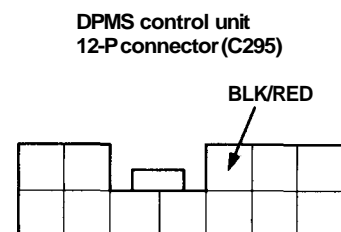
Are voltages as specified?

NO

Open or short in the wire, blown No. 20 (7.5 A) fuse in the under-dash fuse/relay box, or faulty ignition switch (see page 23-80)

YES

Faulty DPMS control unit



Flowchart No. 18

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.

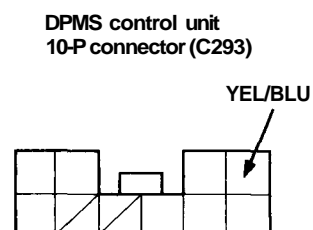
Is there continuity?

YES

Short in the wires

NO

Faulty DPMS control unit or faulty switches



(cont'd)