

Troubleshooting

A/C Pressure Switch (Middle)

Both fans always run at high speed with the A/C on.

Check the A/C pressure switch:

1. Disconnect the A/C pressure switch 4P connector.
2. Check for continuity between the No. 2 and No. 3 terminals of the A/C pressure switch.

Is there continuity?

NO

Replace the A/C pressure switch.

YES

Check for an open in the wire:

Check for continuity between the No. 3 terminal of the A/C pressure switch 4P connector and body ground.

Is there continuity?

NO

Check for an open in the wire between the A/C pressure switch and body ground. If the wire is OK, check for poor ground at G201.

YES

Check for an open in the wire:

1. Disconnect the fan control unit 12P connector.
2. Check for continuity between the No. 2 terminal of the A/C pressure switch 4P connector and No. 1 terminal of the fan control unit 12P connector.

Is there continuity ?

NO

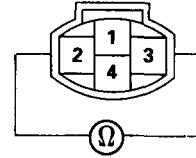
Repair open in the wire between the A/C pressure switch and the fan control unit.

YES

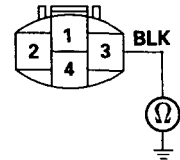
Check for loose wires or poor connections at the fan control unit 12P connector. If the connections are good, substitute a known-good fan control unit, and recheck. If the symptom/indication goes away, replace original fan control unit.

NOTE: It is normal for both fans to run at high speed when the system pressure is above 1,520 kPa (15.5 kgf/cm², 220 psi), or when the engine coolant temperature is above 194°F (90°C).

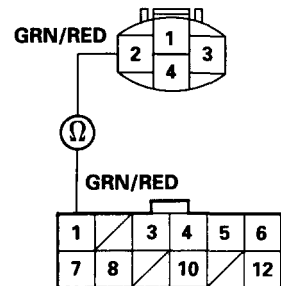
A/C PRESSURE SWITCH



A/C PRESSURE SWITCH 4P CONNECTOR



Wire side of female terminals



FAN CONTROL UNIT 12P CONNECTOR

Wire side of female terminals