

2005 Chevrolet Equinox

Submodel: | **Engine Type:** | **Liters:**
Fuel Delivery: | **Fuel:**

Subject: Intermittent Loss of A/C Request Blower on Speed 2, 3, or 4

Models: 2005 Chevrolet Equinox
2002-2005 Saturn VUE



This PI was superseded to change step one of the recommendation section from testing for an open to check the resistance of the resistor. Please discard PIT3698.

The following diagnosis might be helpful if the vehicle exhibits the symptom(s) described in this PI.

Condition/Concern:

Loss of A/C request (LED on switch turns off) with the blower speed on 2, 3 or 4, and/or no blower operation on speeds 1 and/or 2 and/or 3. The A/C compressor will not turn on until the HVAC control module sees that the blower motor has been turned on. The HVAC control module sends 12 volts out on circuit 60 (Yellow wire connector C1 pin 20) and monitors the voltage. When the voltage on circuit 60 is pulled low, the HVAC control module will allow the A/C compressor to turn on.

Recommendation/Instructions:

1. Disconnect the Blower motor resistor, and use an ohm meter to check the resistance between Pins B and D on the blower motor resistor. If the resistance is greater than 4 ohms replace the blower motor resistor. If the resistance is 4 ohms or less, go to step 2.
2. With the blower motor resistor still unplugged,

- Ignition on
- AC on
- BLOWER MOTOR OFF

use a voltmeter and check for battery voltage on circuit 60 Yellow wire pin D on the blower motor resistor Harness connector. If there is no battery voltage at pin D check circuit 60 for an open. If there is battery voltage at pin D, then perform a pin drag test on circuit 60.

- If there is no battery voltage on circuit 60 Yellow wire, and the circuit is not open, then replace the HVAC control module.

Please follow this diagnostic or repair process thoroughly and complete each step. If the condition exhibited is resolved without completing every step, the remaining steps do not need to be performed.

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