



Service Bulletin

File in Section: -

Bulletin No.: PIT3656B

Date: July, 2012

PRELIMINARY INFORMATION

Subject: Repeat Rear Blower Motor Failure or Inoperative

Models: 2002 - 2006 Chevrolet Trailblazer EXT
2002 - 2006 GMC Envoy XL

This PI was superseded to update recommended field. Please discard PIT3656A.

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

Condition/Concern:

After replacing the rear HVAC blower motor processor (resistor), repeat failures have occurred.

Some Service information refers to a thermal gasket that mounts between the blower motor processor (resistor) and the HVAC case.

This thermal gasket is now incorporated in to the new blower motor processor (resistor).

The blower motor resistor uses the evaporator core as the heat sink.

If the new blower motor processor (resistor), is not making good contact with the evaporator the resistor temperature will raise until a thermal limit inside the module is reached. Then the resistor will default to an inoperative state.

When the resistor lowers below its thermal state, the rear blower motor begins to operate again.

Recommendation/Instructions:

When installing the blower motor processor, the HVAC case needs to be removed so the blower motor processor is installed correctly in to the case and making good contact with the evaporator core.

Make sure the blower motor processor is making good contact with the evaporator core.

It will be necessary to apply thermal grease to the blower motor processor.

Please obtain Dow Corning 340 Heat Sink Compound from a local distributor.

Another concern may occur when the screw(s) that retain the blower motor resistor are lost and a longer screw(s) are used as a replacement.

If the screws are too long, the module will not apply enough pressure against the evaporator to make contact to dissipate the heat generated from the resistor.

If either of the retaining screws is lost, replace them with the exact length and diameter that was removed. If both screws are lost, it will be necessary to obtain the size and diameter screw from a like vehicle.

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.