



Service Bulletin

PRELIMINARY INFORMATION

Subject: Hybrid - AC Compressor Will Not Engage

Models: 2009-2013 Cadillac Escalade
2009-2013 Chevrolet Silverado LD
2008-2013 Chevrolet Tahoe
2009-2013 GMC Sierra LD
2008-2013 GMC Yukon
Hybrid 2-Mode (HP2) Vehicles

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

Condition/Concern

Some customers may state that the AC blows warm

After normal diagnosis you find that the AC compressor will not engage and the RPM are showing zero when using the scan tool.

Recommendation/Instructions

If a concern is not found using normal diagnosis, check for any communications codes on the vehicle and address any current communications codes first.

There have been cases at technical assistance where there was no communication with the Sensing and Diagnostic module (SDM) that was causing the AC compressor not to engage.

Once the communication was restored, the AC worked correctly

Additional note: Some technician may state that the Evaporator Temperature sensor is not reading correctly in the HVAC module under sensor data.

Some 2 mode hybrid vehicles were equipped with a evaporator temp sensor but it is not used because the vehicle uses a low pressure sensor in place of the evaporator temp sensor. This parameter should be ignored and will not cause the AC compressor not to engage.

Warranty Information

The correction for this concern may be one of several repairs described above. For vehicles repaired under warranty, please use the appropriate warranty labor operation based on the actual cause and repair.

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.

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



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