



Service Bulletin

TECHNICAL

Subject: Diagnostic Tip for Low or No Cabin Heat, and/or Noisy Auxiliary Coolant Pump

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Volt	2016	2017				

Involved Region or Country	North America and Korea
Condition	<p>Some customers may comment on one or more of the following conditions:</p> <ul style="list-style-type: none"> • Low/weak cabin heat • No cabin heat • Noisy auxiliary coolant pump
Cause	This condition may be caused by air in the cooling system and/or low to no coolant.
Correction	<p>Important: Do Not replace the auxiliary coolant pump until validating the cooling system is in proper working condition.</p> <p>Validate working condition of the cooling system:</p> <ul style="list-style-type: none"> • Inspect the electrical connectors to the pump. Clean as necessary. • Inspect and test the bypass valve to be sure it's not stuck, allowing the Cabin Heater Control Module (CHCM) to heat the engine coolant system. <ul style="list-style-type: none"> ⇒ The valve works to isolate the engine cooling circuit from the heater circuit in the case of EV operation so the CHCM does not need to heat the engine along with the passenger compartment. If the valve is stuck in the link position with engine off (and cold), the CHCM is unlikely to be able to generate enough heat to manage the passenger compartment temperature. Use the GDS2 tool to review and move the by-pass to either position. <p>Note: To aid in removing air during vacuum filling the cooling system, the bypass valve should be actuated in both positions using the GDS2.</p> <ul style="list-style-type: none"> • Perform Cooling System Draining and Filling per SI to the coolant system to make sure air is not in the system.

Parts Information

No parts are required for this repair.

Warranty Information

For vehicles repaired under warranty, use the appropriate labor operation for the repair performed.

Version	2
Modified	May 24, 2017 – Added a Note to the Correction section.

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 this information.



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