



Service Bulletin

Bulletin No.: 18-NA-015

Date: November, 2019

TECHNICAL

Subject: Gurgle or Water Rush Noise from Dash Area Upon a Stop

Brand:	Model:	Model Year:		VIN:	Date Breakpoint:		Engine:	Transmission:
		from	to					
Chevrolet	Malibu	2016	2018	VIN Code T and X Only	SOP	Prior to June 15, 2018	1.5L (LFV) or 2.0L (LTG)	All

Involved Region or Country	North America, Israel
Additional Options (RPOs)	Equipped with Engine RPO LFV / LTG and VIN Code T and X
Condition	Some customers may comment that they hear a water flowing / rushing noise or a gurgling type noise from the center of the dash area at an Auto Stop. The customer may also notice that the coolant level in the surge tank is low.
Cause	This may be caused by the cooling system capacity not being full. Air / voids are in the cooling system and the air will accumulate at the heater core. When the vehicle does an Auto stop, the auxiliary water pump operates and causes the water rush / gurgle type noise.
Correction	The system fill level should be adjusted to 5 mm above the "Full Cold Mark" and the air in the system has to be purged by following the Service Procedure below.

Service Procedure

Important: The Service Procedure below should only be performed on vehicles exhibiting the condition, **AND** which fall within the date breakpoint. For vehicles which fall **outside** of the date breakpoint, DO NOT perform the Service Procedure below, but simply bleed the air out of the system. Refer to *Cooling System Draining and Filling* in SI.

1. With the engine/coolant cold, add coolant to the tank until the level is 5-10 mm above the seam.
2. Start the vehicle and idle the engine until the coolant reaches operating temperature.
3. Take the car for a short test drive to confirm the fix.
4. Perform several key off and restart cycles, especially if the vehicle does not perform any auto stops during the test drive:
 - If the noise is still present during an auto stop event, go to step 5.
 - If the noise is gone, go to step 6.

5. If topping off the coolant did not remove the noise, evacuate and fill the cooling system and go to step 2. Refer to *Cooling System Draining and Filling* in SI.
 6. Allow the engine/coolant to cool down.
 7. With the cap still on, confirm the level in the tank is still at least 5 mm above the seam.
- ⇒ If the level is low, safely remove the cap and add coolant until the level is 5 mm above the seam.

Parts Information

DEXCOOL Coolant (Use 12378390 for U.S. and 10953456 for Canada)

Warranty Information

For vehicles repaired under the Bumper-to-Bumper coverage (Canada Base Warranty coverage), use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

Labor Operation	Description	Labor Time
4033392	Coolant System Flushing	Use Published Labor Operation Time
4086238*	Vehicle Test Drive and Coolant Top Off	0.5 hr
Add	Cooling System Draining and Filling	1.0 hr
*This is a unique Labor Operation for bulletin use only.		

Version	4
Modified	<p>Released January 17, 2018</p> <p>May 4, 2018 – Changed information in the Correction section, added a new Service Procedure and updated the Warranty Information.</p> <p>August 20, 2019 – Added Date Breakpoint, updated Involved Region or Country section, added an Important statement to the start of Service Procedure and updated the Warranty Information.</p> <p>November 06, 2019 – Corrected the first Labor Operation in the Warranty Information.</p>

