



# Service Bulletin

## TECHNICAL

**Subject:** Boom/Moan or Phasing Noise from inside Vehicle

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Malibu (VIN Z)	2016	2017	SOP	December 1, 2016	LFV	All

Involved Region or Country	North America and N.A. Export Regions
Additional Options (RPO)	Equipped with Active Noise Cancellation (RPO NKC)
Condition	Some customers may comment on a boom/moan or phasing type noise inside the vehicle when the vehicle is operating at 1950 RPM.
Cause	This may be due to the ANC (active noise cancellation) system not functioning as intended.

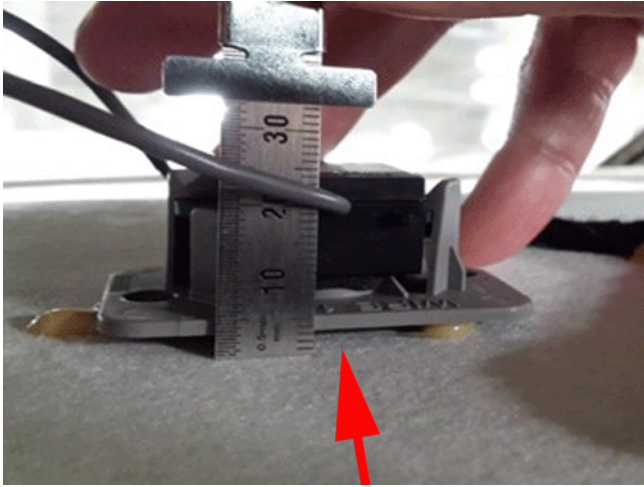
### Correction

If you encounter a vehicle with the above concern, complete the following steps:

1. The ANC microphones (3) need to be checked for the following:
  - microphones resistance is 105k to 110k ohms.



- microphones are centered in the opening in the headliner as illustrated above.



- microphones are mounted flush to the headliner with no gaps. The illustration above shows a microphone that is not flush with the headliner.
2. If the microphone checks and repairs have been completed and the boom/phasing moan noise is still present, then replace the ANC module. Refer to *Active Noise Cancellation Module Replacement* in SI.

## Parts Information

Description	Part Number	Qty
Active Noise Cancellation Module Asm	84244345	1

## Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
3410010	Active Noise Cancellation Module Replacement	Use Published Labor Operation Time

Version	1
Modified	

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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