



Service Bulletin

Bulletin No.: PIP5921B

Date: January, 2026

PRELIMINARY INFORMATION

Subject: Diagnostic Tip: Possible No Start, Engine Noise Or SES Lamp with DTC P0011 P0016 Current Or History

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Cadillac	CT4-V	2020 - 2023		All	All	2.7 L3B	All
Chevrolet	Silverado 1500	2019 - 2023		All	All	2.7 L3B	All
GMC	Sierra 1500	2019 - 2023		All	All	2.7 L3B	All

Involved Region or Country	North America
Condition	Possible no start, no compression, abnormal upper engine noise and may have DTC P0011 P0016 set as current or history
Cause	Potential Intake Camshaft Actuator ticking / rattle noise heard in engine due to loose Intake Cam Actuator. This noise can occur prior to the actuator cover plate screws coming loose

Correction

If you encounter one of the above-mentioned vehicles that is experiencing a tapping or scraping or ticking type noise from the front Intake side of the Cam Carrier, abnormal debris in the engine oil and may have DTC p0011 p0016 set as current or history. Also, in some cases the vehicle could be a crank no start and have no compression due to damaged timing components. Reference sound clip below of abnormal Cam Actuator noise during start up.

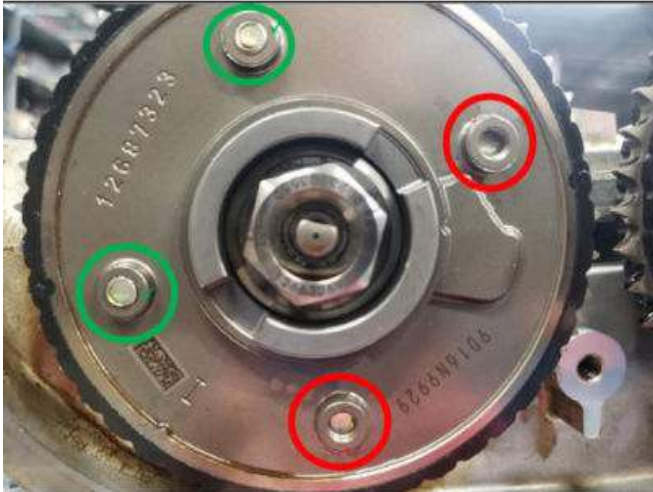
If any of these conditions are experienced, it will be necessary to remove the upper timing chain cover to inspect the Intake Cam Actuator cover plate screws for possibly coming loose and contacting the Cam Carrier face.

Video link below references an Intake Cam Actuator that is loose that will create a noise condition prior to the cover plate screws backing out.

Note: If there are no signs of damage to the Cam Carrier face from the Intake Actuator screws then replace the Intake Cam Actuator using the latest Service Information.

Picture below showing front side of Intake Cam Actuator. Circled in green and red are the actuator screws.

Note: Circled in red the threaded portion of the screws are below the surface indicating these are loose and have likely contacted the Cam Carrier face.



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Back side of Intake Cam Actuator



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Picture below showing damage done to front face of Cam Carrier when the Intake Cam Actuator cover plate screws come loose and make contact.



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Picture below showing torx screws on the Intake Cam Actuator that have come loose and the amount of aluminum debris in the pick up tube that's possible when the screws contact the Cam Carrier face.



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If the Cam Carrier face has been damaged from an Intake Cam Actuator cover plate screw backing out then replacement of the engine assembly and turbocharger will be recommended due to metal debris in the engine from Cam Carrier face.

If the Cam Carrier face is not damaged and there is no abnormal metal in the engine oil then replace the Intake Cam Actuator, any necessary components and change engine oil and filter.

Version	3
Modified	05/04/2023 - Created on. 09/04/2024- Added video to correction section. 01/30/2026- Updated to add additional video link showing Intake Cam Actuator that is not properly parked.

