



Service Bulletin

File in Section: -

Bulletin No.: 16-NA-311

Date: September, 2016

INFORMATION

Subject: Limited Slip Differential Chattering Noise

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Low Cab Forward Medium Duty 3500-5500	2017	2017			Equipped with 5.2L (4H)	

Involved Region or Country	North America
Additional Options (RPO)	Equipped with Limited Slip Differential (RPO G86)

Some customers of Chevrolet Low Cab Forward Trucks may comment on an audible clicking or chattering noise coming from the rear of the vehicle while making tight turns. This condition may be due to incorrect axle fluid installed at the last scheduled maintenance or during a previous repair. The condition can also result from delayed or skipped maintenance resulting in degradation of axle fluid.

See Figures 1 and 2 in this bulletin to identify a limited slip differential or check the vehicle build in IVH (Investigate Vehicle History) for Option Code G86.

To resolve this condition, follow the listed procedure:

1. Replace the differential gear oil with a commercially-available gear oil (SAE90 GL-5) in addition to 20 oz of limited slip differential lubricant additive, GM P/N 88900330.
2. Road test the vehicle for at least 10 miles by making eight to ten tight left and right turns, such as going around a corner, to ensure the limited slip is activated.
3. If the condition persists, technicians are to call the General Motors Technical Assistance Center (TAC).

Figure 1 – Code Location



4561776

Figure 2 – Example of stamping



4561778

Examples of LSP Stamps Code

B7 / D8 / D9 / HO / H9

Version	1
Modified	

