

Subject: Engineering Information - Rattle Noise from the Drive Support Assembly

Attention: Proceed with this EI ONLY if the customer has commented about this concern AND the PIE number is listed in the Global Warranty Management / Investigate History link (GWM/IVH). If the customer has not commented about this condition or the EI does not show in GWM/IVH, disregard the PI and proceed with diagnostics found in published service information. THIS IS NOT A RECALL — refer to the latest version of Service Bulletin 04-00-89-053 for more details on the use of Engineering Information bulletins.

This PI has been revised to update the Correction. Please discard PIE0410.

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

Involved Region or Country	North America
Condition	Important: If the customer did not bring their vehicle in for this concern, DO NOT proceed with this EI. Some customers may comment on a rattle noise from the drive support assembly.
Cause	GM Engineering is attempting to determine the root cause of the above condition. Engineering has a need to gather information on vehicles PRIOR to repair that may exhibit this condition. As a result, this information will be used to "root cause" the customer's concern and develop/validate a field fix.

Correction

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

1. Confirm that the sound is coming from the Drive Support Assembly (DSA).
2. Check and record residual torque of the prop shaft hub clamp bolt.
3. Loosen and remove the clamp bolt.
4. Add Blue Loctite to the bolt.
5. Re-torque clamp bolt to 125 Nm (94 Ft-lbs).
6. Check the DSA for noise above 1500 RPM. Rev engine to 2000 RPM and note if the noise is present.
 - If noise is still present above 1500 RPM, it is not a DSA issue. Refer to the latest version of Corporate Bulletin 15-NA-045 for further diagnosis.
 - If the noise goes away above 1500 RPM and then returns below 1500 RPM, contact one of the engineers listed below.

Contact Information

Engineer Name	Phone Number
Karl Kollin	1 (248) 930-6894
Rich Yung	586-259-2686

Please include the following information if leaving a message:

- Technician name
- Dealer name and phone number
- Complete VIN and repair order (R.O) number

On the repair order, document the date and time the call was placed (even if the engineer was not reached).

If engineering is unable to return the call within one hour, proceed with diagnosis and repair based on information found in SI.

Warranty Information

If engineer was contacted or required information was provided, use:

Labor Operation	Description	Labor Time
3080218*	Engineering Information – Rattle Sound from the Drive Support Assembly	0.8 hr

*This is a unique Labor Operation for Bulletin use only. It will not be published in the Labor Time Guide.