



Preliminary Information

PIP5653J Squeak Chirp Noise From Front Axle In 2wd

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Silverado 1500 (New Model)	2019	All	All	All	All
Chevrolet	Silverado 1500	2020	All	All	All	All
GMC	Sierra 1500 (New Model)	2019	All	All	All	All
GMC	Sierra 1500	2020	All	All	All	All

Involved Region or Country	North America
Additional Options (RPO)	SU4
Condition	Squeak or chirp noise in 2wd gone in 4wd.
Cause	Contact between the left stub shaft and the cross pin in the front differential assembly

**IMPORTANT: Please read this document completely as instructions for vehicles that have a repeat concern and first repair attempts are different.**

Some customers may comment on a squeak or chirp noise in 2wd that goes away in 4wd. Some people may also describe it as a metallic jingle, ringing, click or tick. Condition is easiest to duplicate in warmer ambient temperatures, after approximately 30 miles of driving and is barely audible. Technician may notice that the noise seems to be from the front left axle seal area. This information only applies to the SU4 axle.

The condition seems to originate from contact between the left stub shaft and the cross pin along with the retainer ring fitting loose in the groove in the front differential assembly.

For vehicles that have already had the stub shaft previously replaced with parts received front the WPC: To correct this condition the dealer should order a left axle shaft seal, and retainer clip from the dealer parts department, and WPC855 o-ring. There is no need to replace the stub shaft again. Since a lot of repair orders do not have the previous WPC part charged out if the repair attempt was made prior to 7/22/2020 and the instructions from that document were followed the vehicle should already have the latest design stub shaft.

For vehicles that have not had prior repair attempts: To correct this condition the dealer should order a left axle shaft seal, stub shaft and retainer clip from the dealer parts department, and WPC855 o-ring to be replaced when replacing the stub shaft with 84829191.

Please see Front Wheel Drive Shaft Replacement - Left Side (SU4) for repair procedure and see the directions below to obtain the WPC part.

**Please see Front Wheel Drive Shaft Replacement - Left Side (SU4) for repair procedure and see the directions below to obtain the wpc part**

**The O-ring can be obtained from the Warranty Parts Center (WPC) using the TSP Dealer Request Form**

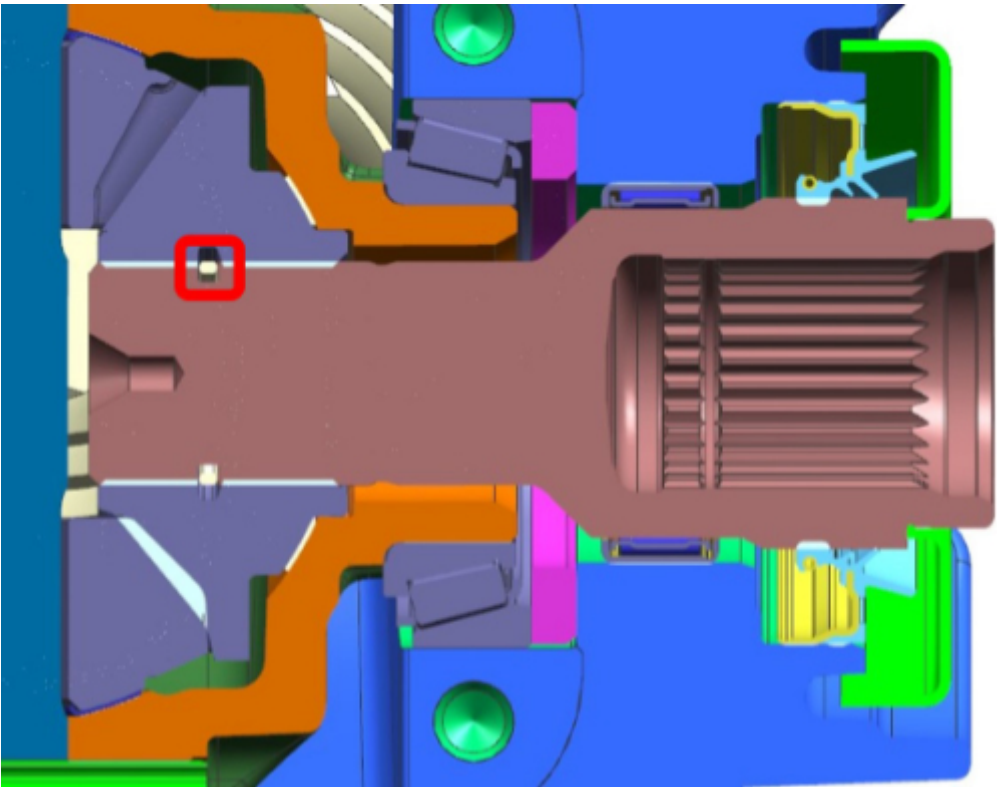
**This form is located on:**

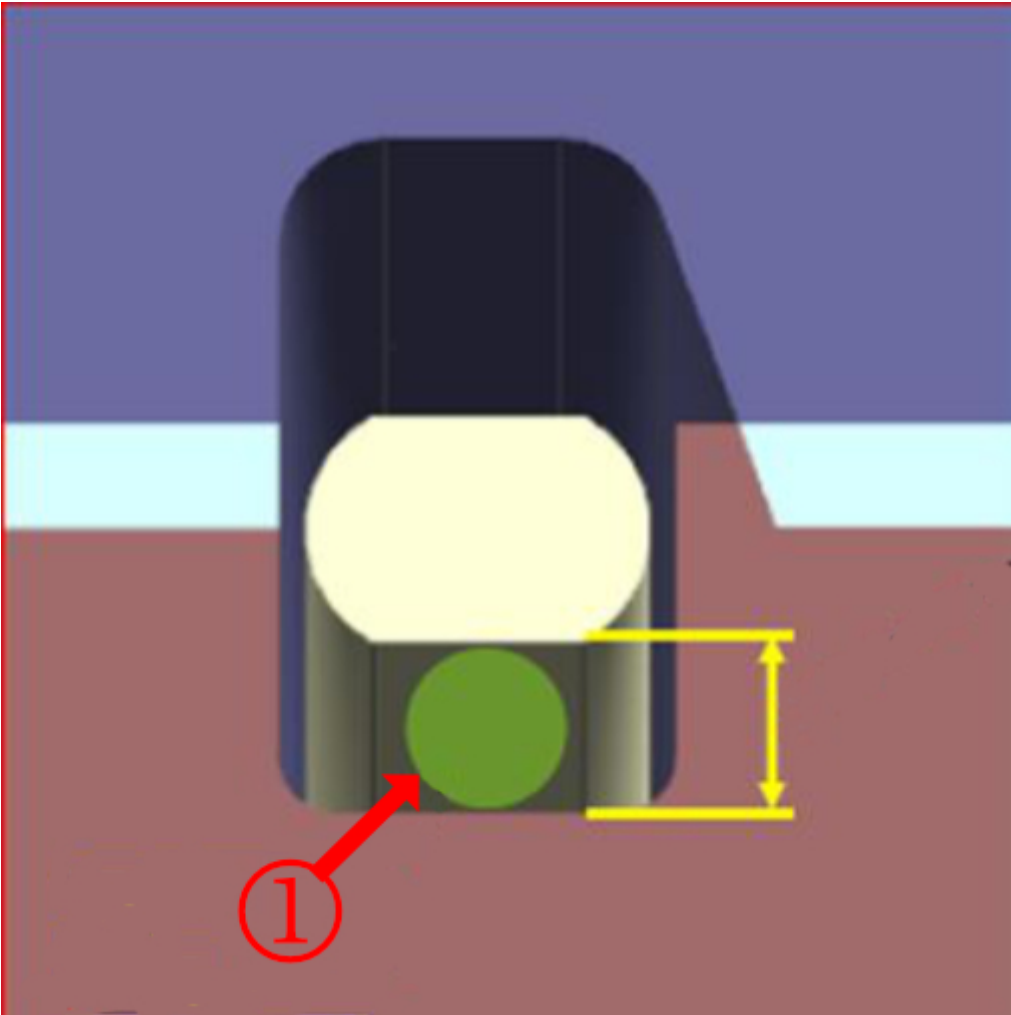
**Global Connect**

**Instructions for submitting are on the form.**

**Request WPC855.**

**Once all the parts are on hand to perform this repair and the stub shaft has been removed from the differential assembly. Slide o-ring (WPC855) onto stub shaft and into the groove, place the retainer ring into the groove ensuring that the o-ring stays under the snap ring as pictured below. Follow published repair procedures in Service information to reassemble the vehicle. The seal may not need replacement if it is not damaged during removal of the stub shaft.**





Parts Information

Part Description	Part Number	Quantity
RING, FRT DRV AXLE INR SHF	84428312	1
SEAL, FRT DRV AXLE INR SHF	84428310	1
SLINGER, FRONT WHEEL DRIVE SHAFT	84428295	1
SHAFT, FRT WHL DRV	84829191	1
O-Ring	WPC855	1

Warranty Information

For vehicles repaired under the Powertrain coverage, use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

Labor Operation	Description	Time
3087088	Replace Left Axle Output Shaft	1.6 Hr.
This is a unique labor operation and will not be published in the LTG.		

Version History

Version	10
Modified	05/29/2019 - Created on 08/05/2019 - Updated to add repair direction 08/06/2019 - Updated WPC Process 10/01/2019 updated to reflect out of stock at WPC. 10/9/2019 Updated to resume WPC process. 03/26/2020 Updated to add 2020 Model years 05/15/2020 updated to reflect out of stock at WPC. 07/21/2020 Updated repair direction and parts list. <b>08/12/2020 Updated to reflect out of stock at WPC.</b> 08/24/2020 Updated to reflect parts back in stock at WPC



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