



# Service Bulletin

Bulletin No.: 20-NA-227

Date: March, 2021

## TECHNICAL

**Subject: Wobble Vibration on Hard Acceleration**

**This bulletin replaces PIT5771B. Please discard all copies of PIT5771.**

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Equinox	2020	2021	—	—	1.5L Turbo (RPO LYX)	—
GMC	Terrain						

<b>Involved Region or Country</b>	North America, Middle East, Israel, Palestine, Argentina, Brazil, Chile, Colombia, Ecuador, Peru, Uruguay, GM Korea Company, Thailand, Egypt, Other Africa
<b>Additional Options (RPO)</b>	PLANT CODE-RAMOS ARIZPE, MEXICO (SAL) or PLANT CODE-SAN LUIS POTOSI, MEXICO (SPM)
<b>Condition</b>	Some customers may comment that a Wobble/Vibration occurs on hard acceleration (WOT) around 48 to 112 km/h (30 to 70 mph).
<b>Cause</b>	This condition may be caused by driveline vibration.
<b>Correction</b>	<p><b>Important:</b> This bulletin is to address the above scenario ONLY.</p> <p>If able to duplicate the concern, record the event using the Pico Scope with the CH-51450-TA246 Triple Axis Sensor.</p> <p>– If the Pico reading at the above mentioned speeds is T1 lateral above 40 mg or above 30 mg with 10 mg of T3 lateral, replace the front axles.</p>

### Service Procedure

Refer to *Front Wheel Drive Half Shaft Replacement - Left Side and Right Side* in SI.

### Parts Information

**Note:** Only select the parts that coincide with the repair performed. Replace the Front Drive Axle with the P/N outlined in the Electronic Parts Catalog (EPC) in accordance with the vehicle VIN.

Causal Part	Description	Part Number	Qty
X	SHAFT, FRT WHL DRV HALF (R)	84615511	1
X	SHAFT, FRT WHL DRV HALF (R)	84615513	1
X	SHAFT, FRT WHL DRV HALF (R)	84615518	1
X	SHAFT, FRT WHL DRV HALF (L)	84615519	1

Causal Part	Description	Part Number	Qty
X	SHAFT, FRT WHL DRV HALF (L)	84615520	1
N/A	NUT, FRT WHL DRV SHF	Refer to EPC	2
N/A	WASHER, FRT WHL DRV		2
N/A	RING, FRT WHL DRV SHF		2

### Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
3040060	Front Wheel Drive Half Shaft Replacement - Left Side	Use Published Labor Operation Time
3040080	Front Wheel Drive Half Shaft Replacement - Right Side	

Version	1
Modified	Released March 01, 2021

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.



WE SUPPORT VOLUNTARY  
TECHNICIAN  
CERTIFICATION