



Service Bulletin

PRELIMINARY INFORMATION

Subject: Bump, Surge or Vibration at Idle in Drive at a Stop

Models: 2013 Buick Encore
2012-2013 Chevrolet Cruze, Sonic
Equipped with 1.4L Engine (RPOs LUJ, LUV) and 6T40 Automatic Transmission (RPO MH8)
Vehicles Built Prior to January 1, 2013

Condition/Concern

Some customers may comment on a bump feeling, a surge or an engine vibration while stopped at idle with the transmission in Drive and their foot on the service brake.

Note: This condition is only when stopped at idle with the transmission in Drive and foot on the service brake.

Recommendation/Instructions

This condition may be caused by the transmission Neutral Idle feature.

Important: The Neutral Idle feature will only function when transmission fluid temperature is 37°C (99°F) or greater. Verify that the transmission fluid temperature is 37°C (99°F) or greater before diagnosing this condition.

When the concern occurs, move the transmission shift lever to the manual position.

Moving the transmission shift lever to the manual shift position will prevent the Neutral Idle feature from functioning.

If the concern is eliminated by moving the transmission shift lever to the manual position, it is caused by the Neutral Idle feature and variation in the 1-2-3-4 clutch fiber plates. The 1-2-3-4 clutch fiber plates should be replaced with the part number listed below. This is a kit that contains two clutch fiber plates.

If the concern is not eliminated by moving the transmission shift lever to the manual position, it has a different cause and further diagnosis is required.

Parts Information

Part Number	Description	Qty
24268545	Plate Kit, 1-2-3-4 Clutch	1

Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
K7544	Low and Reverse and 1-2-3-4 Clutch Housing Overhaul	Use Published Labor Operation Time

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.



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