



Service Bulletin

File in Section: -

Bulletin No.: P11287

Date: July, 2014

PRELIMINARY INFORMATION

Subject: Bump Feeling After Shifting into 3rd Gear

Models: 2013 Buick Encore, Regal, Verano
2013 Chevrolet Cruze, Malibu, Orlando, Sonic, Trax
Equipped with 6T40 Automatic Transmission (RPO MH8)

Condition/Concern

Some customers may comment on a bump feeling shortly after the transmission shifts from 2nd to 3rd gear or they may comment that the 2-3 shift has a double bump feel. This condition will typically only occur if the vehicle has been in the engine off condition for 60 minutes or less after being driven for a short period of time where at least 4th gear was achieved. Additionally, the condition will typically be present when transmission fluid temperature is less than 122°F (50°C). When transmission temperature is greater than 122°F (50°C), the condition may not be noticeable.

Example: The customer starts the vehicle in the morning, drives 5 minutes then shuts it off to run in and get coffee. The next key cycle and drive away will most likely induce a bump after the 2-3 shift.

Recommendation/Instructions

This condition may be caused by a normal transmission 4-5-6 clutch air bleed procedure intended to prevent 3-4 shift flare. This is part of the transmission calibration and cannot be changed by replacing any transmission parts or recalibrating the TCM.

The condition can be verified by driving the vehicle with a scan tool connected to monitor transmission data. On the first ignition key cycle after a short soak key off condition, shortly after the 2-3 shift occurs, pressure control solenoid (PCS) 3 will show a momentary apply/release when the bump is felt. If this bump occurs only at this time and on the first ignition key cycle, this is a normal condition and no repairs should be attempted.

Customer Information

Please communicate to the customer this condition is a normal operating characteristic of their vehicle. It will not impact the designed performance or reliability of the vehicle. Please share this information with the customer, including a copy of this message.