

2015 - 2016 Corvette: Service Bulletin: Diagnostic Tip for Harsh Shifts After Mileage Accumulation Without Previous Transmission Repairs and/or Calibration Updates

#16-NA-213: Diagnostic Tip for Harsh Shifts After Mileage Accumulation Without Previous Transmission Repairs and/or Calibration Updates - (Jun 28, 2016)

Subject: Diagnostic Tip for Harsh Shifts After Mileage Accumulation Without Previous Transmission Repairs and/or Calibration Updates

Brand:	Model:	Model Year:		Transmissions Built Between:		Engine:	Transmission:
		from	to	from	to		
Cadillac	Escalade Models	2015	2016	July 1, 2015	September 14, 2015		Equipped with 8L90 and 8L45 Automatic Transmission (RPOs M5U, M5T, M5N)
Cadillac	ATS, ATS V, CTS, CTS V	2016	2016				
Chevrolet	Corvette, Silverado	2015	2016				
GMC	Sierra	2015	2016				

Involved Region or Country

North America and N.A. Export

Condition

Regions

Some customers may comment that the transmission has developed a harsh shift. This harsh shift condition will have developed over mileage accumulation. In many instances the transmission has not had any previous repairs performed. There may be more than one shift that is harsh and may be grouped as follows:

- 1-2, 5-6 and 7-8
- 3-4 and Park or Neutral to Reverse
- 6-7 and 3-1

Performing TSB 16-NA-019: Information on Transmission Adaptive Functions and Correcting Low Mileage Harsh Shifts, Slips, or Flares for 2016 model year vehicles or 14-07-30-001: Information on Transmission Adaptive Functions and Correcting Low Mileage Harsh Shifts for 2015 model year vehicles may correct the condition for a short period or will not improve the condition.

Vehicles that have had a recent transmission replacement, valve body replacement, Service Fast Learn (SFL) or Service

Programming event should complete the appropriate drive learn procedure. TSB 16-NA-019: Information on Transmission Adaptive Functions and Correcting Low Mileage Harsh Shifts, Slips, or Flares for 2016 model year vehicles or 14-07-30-001: Information on Transmission Adaptive Functions and Correcting Low Mileage Harsh Shifts for 2015 model year before proceeding with recommendation/instructions.

Note: Any valve body replaced in service would have been produced after the suspect date range.

Service Procedure



Check the julian date of the transmission by reviewing the TUN number on the side of the transmission. Transmissions built between July 1, 2015 (julian date 182) and Sept 14, 2015 (julian date 257) may have a suspect Clutch Control Solenoid.

TUN decoder See example below:

- Third and Forth digit – Calendar Year – “15”
- Fifth, Sixth and Seventh digits – day transmission was produced – “241”
- This transmission was produced on August 29, 2015

If the transmission julian date is between 182 and 257 the valve body should be replaced.

Online URL:

<https://www.corvetteactioncenter.com/tech/knowledgebase/article/2015-2016-corvette-service-bulletin-diagnostic-tip-for-harsh-shifts-after-mileage-accumulation-without-previous-transmission-repairs-and-or-calibration-updates-1286.html>