

# 2017 Corvette: Service Bulletin: #17098: Service Update - 8-Speed Transmission Check Engine Light - (Mar 23, 2017)

## #17098: Service Update - 8-Speed Transmission Check Engine Light - (Mar 23, 2017)

<b>Subject:</b>	17098 – 8-Speed Transmission Check Engine Light
<b>Models:</b>	2017 Cadillac ATS, CTS, CT6, Escalade, Escalade ESV
	2017 Chevrolet Camaro, Corvette, Silverado
	2017 GMC Sierra, Yukon, Yukon XL
<b>Reference Number:</b> N172085320	<b>Release Date:</b> March 2017
<b>Revision:</b> 00	

<b>Attention:</b>	This service update involves vehicles in dealer inventory only and will expire March 31, 2018.
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<i>Make</i>	<i>Model</i>	<i>Model Year</i>		<i>RPO</i>	<i>Description</i>
		<i>From</i>	<i>To</i>		
Cadillac	ATS	2017	2017	M5U	TRANSMISSION-AUTO 8
				M5X	

	CTS		M5N	SPD, 8L90
	CT6			
	Escalade		M5T	TRANSMISSION-AUTO 8 SPD, 8L90, BAS+
	Escalade ESV			
<b>Chevrolet</b>	Camaro			
	Corvette			TRANSMISSION-AUTO 8 SPD, 8L45, BAS+
	Silverado			
<b>GMC</b>	Sierra			TRANSMISSION-AUTO 8 SPD, 8L90
	Yukon			
	Yukon XL			

This service update should be performed on vehicles in dealer inventory only. Involved vehicles are marked “open” on the Investigate Vehicle History screen in GM Global Warranty Management system. This site should always be checked to confirm vehicle involvement prior to beginning any required inspections and/or repairs.

<b><i>Condition</i></b>	Certain 2017 model year various make and model vehicles may have a condition where a false failure action is being taken when it is not required. This condition can result in the transmission holding the last known safe gear for 6 seconds. A malfunction indicator lamp (MIL) is set when this default happens more than 2 times, and reduced propulsion
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	can happen for all 8-speed transmission applications.
<b><i>Correction</i></b>	Dealers will reprogram the transmission control module (TCM).

## Parts Information

No parts are required for this repair.

## Warranty Information

<i>Labor Operation</i>	<i>Description</i>	<i>Labor Time</i>	<i>Trans. Type</i>	<i>Net Item</i>
9102907*	Transmission Control Module Reprogramming with SPS	0.5	ZFAT	N/A

\* To avoid warranty transaction rejections, the SPS Warranty Claim Code must be entered when submitting this transaction.

## Service Procedure

**Note:** Carefully read and follow the instructions below.

- DO NOT attempt to order the calibration number from GM Customer Care and Aftersales. The calibration numbers required for this service procedure are programmed into control modules via a Multiple Diagnostic Interface (MDI)

with the calibration update. If you cannot access the calibration, call the Techline Customer Support Center and it will be provided.

- DO NOT program a control module unless directed to by a service procedure or a service bulletin. If the control module is not properly configured with the correct calibration software, the control module will not control all of the vehicle features properly.
  - Ensure the programming tool is equipped with the latest software and is securely connected to the data link connector. If there is an interruption during programming, programming failure or control module damage may occur.
  - Stable battery voltage is critical during programming. Any fluctuation, spiking, over voltage or loss of voltage will interrupt programming. When required install the *EL-49642* SPS Programming Support Tool to maintain system voltage. If not available, connect a fully charged 12 V jumper or booster pack disconnected from the AC voltage supply. DO NOT connect a battery charger.
  - Turn OFF or disable systems that may put a load on the vehicles battery such as; interior lights, exterior lights (including daytime running lights), HVAC, radio, etc.
  - During the programming procedure, follow the SPS prompts for the correct ignition switch position.
  - Refer to *Transmission Control Module Programming and Setup* for additional information on programming.
1. Reprogram the transmission control module. Refer to *Transmission Control Module Programming and Setup* in SI.
  2. Record SPS Warranty Claim Code on job card for warranty transaction submission.

## **Dealer Responsibility**

Dealers must take the steps necessary to ensure that the service update correction has been made to all involved vehicles in dealer inventory before selling or dealer-trading the vehicle, but no later than March 23, 2018.

All new, used, GM Certified Used, courtesy transportation vehicles, dealer shuttle vehicles, etc. in dealers' possession and subject to this bulletin *must* be held and inspected/repaired per the service procedure of this bulletin *before* customers take possession of these vehicles. Involved vehicles must be held and not delivered to customers, dealer-traded, released to auction, used for demonstration, or any other purpose.

All GM Certified Used vehicles currently in the dealers' inventory within the Certified Pre-Owned Inventory System (CPOIS) will be de-certified and must be held and remedied per the service procedure in this bulletin. Upon submitting an accepted/paid warranty transaction in the Global Warranty Management (GWM) system, the vehicle can be re-certified for sale within the CPOIS system, or once again be used in the CTP program.

Online URL:

<https://www.corvetteactioncenter.com/tech/knowledgebase/article/2017-corvette-service-bulletin-17098-service-update-8-speed-transmission-check-engine-light-mar-23-2017-1343.html>