

Shift Shock on Initial Startup or Reacceleration

Service Category Drivetrain

Section Automatic Transmission/Transaxle

Market USA

Toyota Supports
 ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2018	Camry	

Introduction

Some 2018 model year Camry vehicles may exhibit a shift shock when shifting from Park to Reverse on initial startup or a delay/shock when reaccelerating quickly after slowing down to a stop or near stop. The Engine Control Module (ECM) (SAE term: Powertrain Module [PCM]) logic has been updated to address this condition. Follow the Repair Procedure below to address this condition.

Production Change Information

This bulletin applies to vehicles produced **BEFORE** the Production Change Effective VINs shown below.

MODEL	ENGINE	PLANT	LINE	GRADE	PRODUCTION CHANGE EFFECTIVE VIN
Camry	A25A-FKS	TMMK	Line 1	L	4T1B11HK#JU041199
				LE	4T1B11HK#JU040753
				XLE	4T1B11HK#JU040623
				SE	4T1B11HK#JU040894
				XSE	4T1B61HK#JU040738
			Line 2	L	4T1B11HK#JU549148
				LE	4T1B11HK#JU548677
				XLE	4T1B11HK#JU549100
				SE	4T1B11HK#JU548632
				XSE	4T1B61HK#JU549123
		Tsutsumi	Line 1	LE	JTNB11HK#J3040991
				SE	JTNB11HK#J3040992

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Production Change Information (Continued)

The transmission serial break points from each unit plant are shown below. Confirm the transmission serial number **BEFORE** flash reprogramming the ECM (PCM).

MODEL	TRANSMISSION	PLANT	PRODUCTION CHANGE EFFECTIVE SERIAL NUMBER
Camry	UB80E	AW	17J7B24024
		Kinuura	UB####17219Y06
		TMMWV 1	B1A17K10678
		TMMWV 2	B2A17K10697

Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
EG1715	Reprogram ECM (PCM)	0.4	89661-06X52 89661-33T42	8A	99

APPLICABLE WARRANTY

- This repair is covered under the Toyota Federal Emission Warranty. This warranty is in effect for 96 months or 80,000 miles, whichever occurs first, from the vehicle's in-service date.
- Warranty application is limited to occurrence of the specified condition described in this bulletin.

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Parts Information

TRANSMISSION SERIAL NUMBER _____ BREAK POINT	PART NUMBER		PART NAME	QTY
	PREVIOUS	NEW		
Before	89661-33T40	89661-33T30	Computer, Engine Control (ECM/PCM)	-
	89661-33T41			
	89661-33T42			
89661-06X50	89661-06Y00			
89661-06X51				
89661-06X52				
After	89661-33T40	89661-33T43	Computer, Engine Control (ECM/PCM)	-
	89661-33T41			
	89661-33T42			
89661-06X50	89661-06X53			
89661-06X51				
89661-06X52				
-	00451-00001-LBL		Authorized Modification Labels	1

NOTE

- The ECM (PCM) should NOT be replaced as part of the Repair Procedure.
- Authorized Modification Labels may be ordered in packages of 25 from the Materials Distribution Center (MDC) through *Dealer Daily – Parts – Dealer Support Materials Orders*.

Required Tools & Equipment

REQUIRED EQUIPMENT	SUPPLIER	PART NUMBER	QTY
Techstream 2.0*	ADE	TS2UNIT	1
Techstream Lite		TSLITEPDLR01	
Techstream Lite (Green Cable)		TSLP2DLR01	

* Essential SST.

NOTE

- Only ONE of the Techstream units listed above is required.
- Software version 12.20.024 or later is required.
- Additional Techstream units may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787.
- Use Techstream or an approved J2534 interface to perform flash reprogramming updates. Visit techinfo.toyota.com for more information regarding J2534 reprogramming.

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Required Tools & Equipment (Continued)

SPECIAL SERVICE TOOLS (SST)	PART NUMBER	QTY
GR8 Battery Diagnostic Station*	00002-MCGR8	1

* Essential SST.

NOTE

Additional SSTs may be ordered by calling 1-800-933-8335.

Calibration Information

MODEL	ENGINE	TRANSMISSION SERIAL NUMBER _____ BREAK POINT	ECU TYPE	CALIBRATION ID	
				PREVIOUS	NEW
Camry	A25A-FKS	Before	Main	8966333P40 8966333P41 8966333P42 8966333P43	8966333P30 / 8966533560
			Sub	8966533790 8966533791	
		After	Main	8966333P40 8966333P41 8966333P42 8966333P43	8966333P44 / 8966533792
			Sub	8966533790 8966533791	

Repair Procedure

- Confirm the condition exists.
Does the vehicle exhibit shift shock when shifting from Park to Reverse on initial startup or a delay/shock when reaccelerating quickly AFTER slowing down to a stop or near stop?
 - YES** — Continue to step 2.
 - NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.

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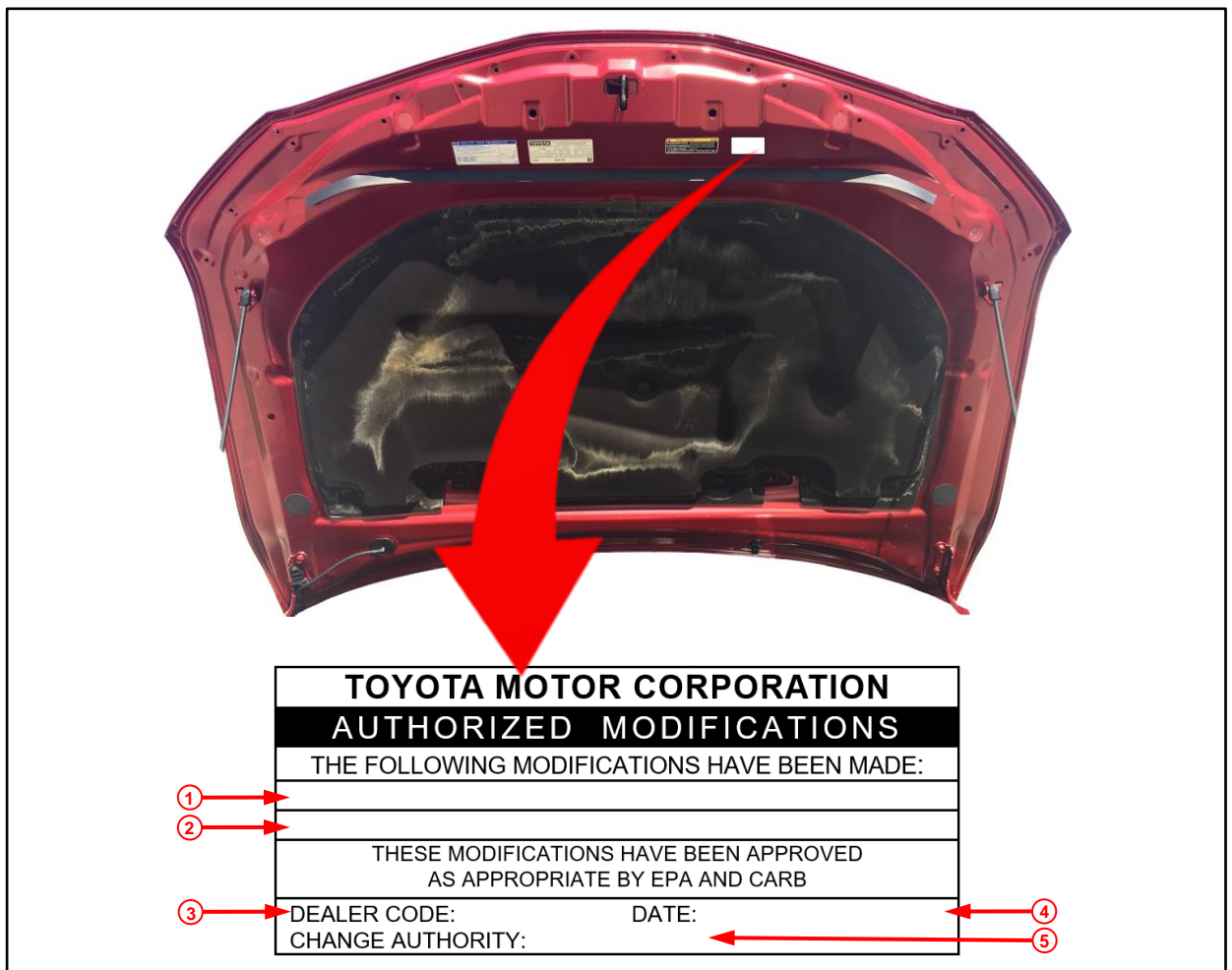
Repair Procedure (Continued)

2. Check for the Authorized Modification Label affixed to the vehicle in the applicable location shown below.

Is the calibration ID listed the latest ECM (PCM) calibration?

- **YES** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.
- **NO** — Continue to step 3.

Figure 1. Location of Authorized Modification Label on 2018 Camry



1	Replacement ECM (PCM) Part Number (i.e., 89661-06X53)
2	New Calibration ID (i.e., 89663-33P30)
3	Dealer Code

4	Date Completed
5	This SB Number

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Repair Procedure (Continued)

- Flash reprogram the ECM (PCM).

NOTE

- The GR8 Battery Diagnostic Station **MUST** be used in Power Supply Mode to maintain battery voltage at 13.5V while flash reprogramming the vehicle.
- For details on how to use the GR8 Battery Diagnostic Station, refer to the "[GR8 Instruction Manual](#)" located on the Technical Information System (TIS), *Diagnostics – Tools & Equipment – Battery Diagnostics*.

Follow the procedures outlined in Service Bulletin No. [T-SB-0134-16](#) "Techstream ECU Flash Reprogramming Procedure," and flash the ECM (PCM) with the NEW calibration file update.

- Prepare and install the Authorized Modification Label.
 - Using a permanent marker, enter the following information on the label:
 - ECM part number [Refer to the **Parts Information** section for the **NEW PART NUMBER**]
 - Calibration ID(s) [Refer to the **Calibration Information** section for the **NEW CALIBRATION ID**]
 - Dealer Code
 - Repair Date
 - Change Authority [**This bulletin number**]
 - Install the Authorized Modification Label onto the vehicle at the location shown in Figure 1. The Authorized Modification Label is available through the MDC, P/N 00451-00001-LBL.
- Test drive the vehicle to confirm proper vehicle operation.