

MIL ON With DTC P019064

Service Category Engine/Hybrid System

Section Engine Control

Market USA

Toyota Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2019	ES300H	
2019	UX250H	

Introduction

Some 2019 model year ES 300h and UX 250h vehicles may exhibit a MIL ON condition with Diagnostic Trouble Code (DTC) P019064 (Fuel Rail Pressure Sensor “A” Signal Plausibility Failure). The Engine Control Module (ECM) (SAE term: Powertrain Control Module/PCM) logic has been modified to reduce the possibility of this condition. Follow the Repair Procedure in this bulletin to address this condition.

Warranty Information

OP CODE	DESCRIPTION	TIME	OFP	T1	T2
800269	Reprogram ECM (PCM), Perform Drive Pattern	0.7	89661-#####*	8A	99

*Warranty claim MUST be submitted with the correct 10-digit OFP. Choose the correct OFP for the vehicle being repaired by searching for the parts in the Electronic Parts Catalog using the VIN filter.

APPLICABLE WARRANTY

- This repair is covered under the Lexus Federal Emissions 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

MODEL	MODEL YEAR	BATTERY	PART NUMBER		PART NAME	QTY
			PREVIOUS	NEW		
ES 300h	2019	NiMH	89661-33W70	89661-33W71	Computer, Engine Control (ECM/PCM)	—
UX 250h			89661-76210	89661-76211		
All	—		00451-00001-LBL		Authorized Modifications Labels	1

NOTE

- The ECM (PCM) should NOT be replaced as part of the Repair Procedure.
- Authorized Modifications 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 ADVI*	ADE	TSADVUNIT	1
Techstream 2.0		TS2UNIT	
Techstream Lite		TSLITEPDLR01	
Techstream Lite (Green Cable)		TSLP2DLR01	

*Essential SST.

NOTE

- Only ONE of the Techstream units listed above is required.
- Software version 17.00.020 or later is required.
- Additional Techstream units may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787.

SPECIAL SERVICE TOOLS (SST)	PART NUMBER	QTY
Battery Diagnostic Tool*	DCA-8000P T	1

*Essential SST.

NOTE

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

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Calibration Information

MODEL	MODEL YEAR	BATTERY	CALIBRATION ID	
			PREVIOUS	NEW
ES 300h	2019	NiMH	8966333S8000	8966333S8100
UX 250h			896637621000	896637621100

Repair Procedure

- Using Techstream, check for DTC P019064 (Fuel Rail Pressure Sensor “A” Signal Plausibility Failure).

Is DTC P019064 present?

- YES** — Continue to step 2.
- NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.

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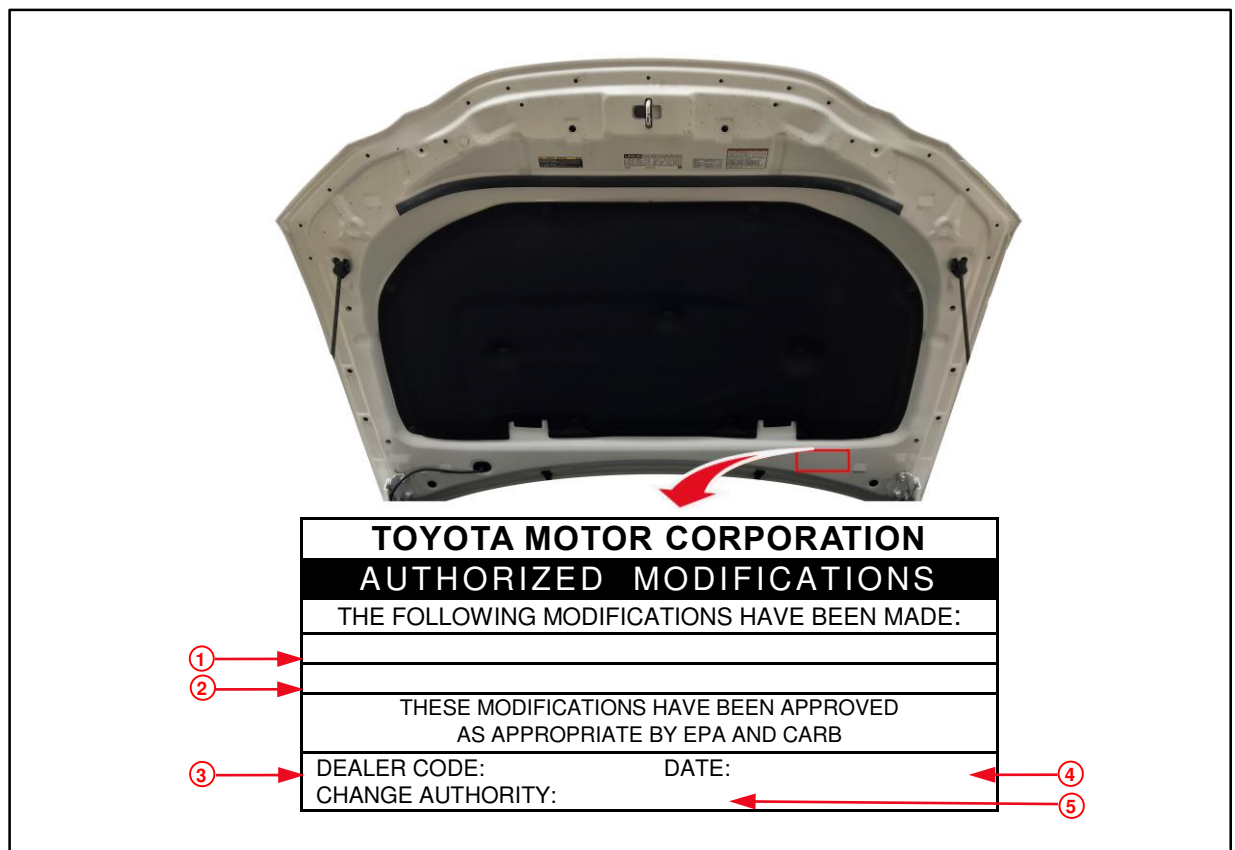
Repair Procedure (continued)

2. Use Techstream to confirm if the ECM (PCM) calibration has been updated and check for the Authorized Modifications Label affixed to the vehicle in the locations shown in Figures 1 and 2.

Is the calibration ID listed in Techstream and on the label 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 Modifications Label on 2019 ES 300h



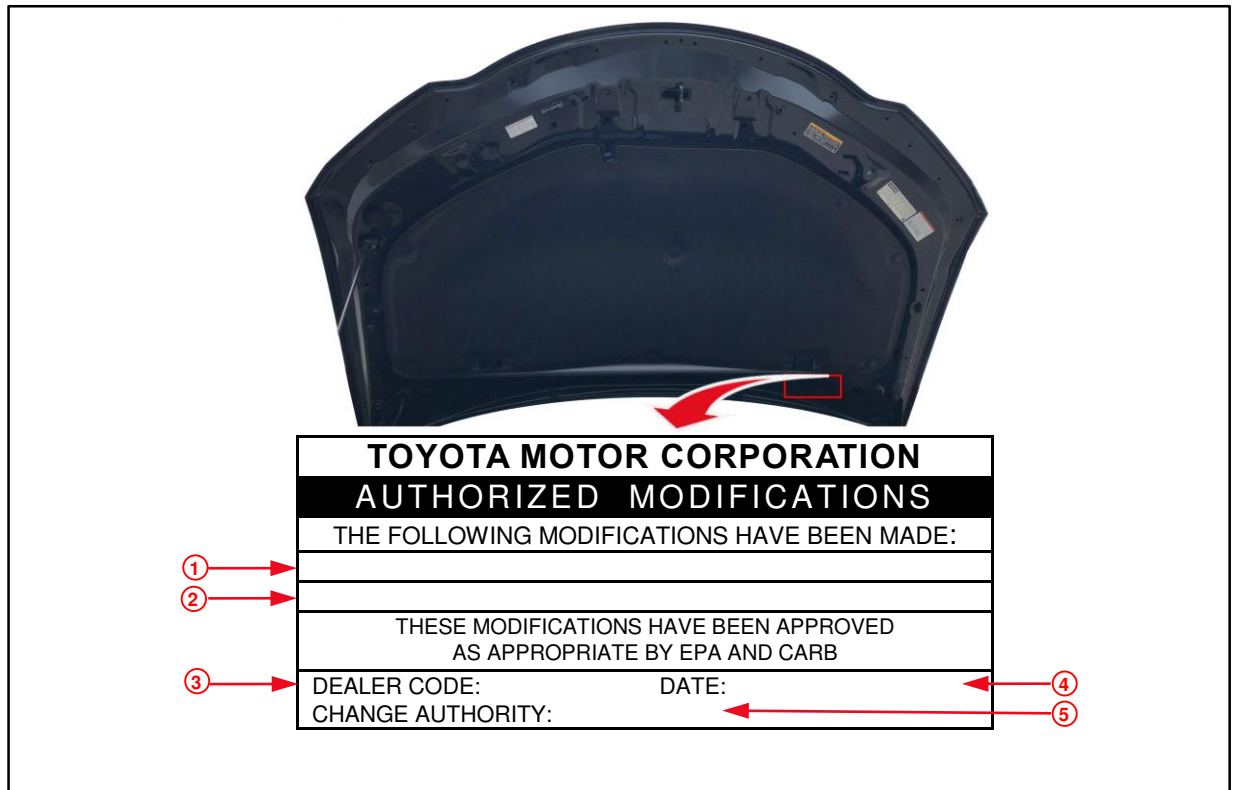
1	Replacement ECM (PCM) Part Number (e.g., 89661-33W71)
2	New Calibration ID (e.g., 8966333S8100)
3	Dealer Code

4	Date Completed
5	This SB Number

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Repair Procedure (continued)

Figure 2. Location of Authorized Modifications Label on 2019 UX 250h



1	Replacement ECM (PCM) Part Number (e.g., 89661-76211)
2	New Calibration ID (e.g., 896637621100)
3	Dealer Code

4	Date Completed
5	This SB Number

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Repair Procedure (continued)

3. Flash reprogram the ECM (PCM).

NOTE

- The battery diagnostic tool **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 battery diagnostic station, refer to the [DCA-8000 Instruction Manual](#) located at *TIS – Diagnostics – Tools & Equipment – Battery Diagnostics*.

Follow the procedures outlined in Service Bulletin [L-SB-0001-18](#), *Techstream ECU Flash Reprogramming Procedure*, and flash the ECM (PCM) with the NEW calibration file update.

4. Prepare and install the Authorized Modifications Label.
 - A. Using a permanent marker, enter the following information on the label:
 - ECM (PCM) 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***]
 - B. Install the Authorized Modifications Label onto the vehicle at the locations shown in Figures 1 and 2. The Authorized Modifications Label is available through the MDC, P/N 00451-00001-LBL.

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Repair Procedure (continued)

5. Perform the confirmation driving pattern to confirm DTC P019064 does NOT reoccur.

Refer to TIS, applicable model and model year Repair Manual:

- [2019](#) ES 300h:
Engine/Hybrid System – Engine Control – “A25A-FXS (Engine Control): SFI System: P01902A, P019064; Fuel Rail Pressure Sensor “A” Signal Stuck in Range”
- [2019](#) UX 250h:
Engine/Hybrid System – Engine Control – “M20A-FXS (Engine Control): SFI System: P01902A, P019064; Fuel Rail Pressure Sensor “A” Signal Stuck in Range”

Is DTC P019064 present?

- **YES** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.
- **NO** — The repair is complete.