

MIL ON DTC P261093

Service Category Engine/Hybrid System

Section Engine Control

Market USA

Lexus Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2016 - 2018	GS200T, GS300, GS350, RC300	
2016 - 2017	IS200T, IS300, RC200T, RX350	
2018	IS300, IS350, RC350	

Introduction

Some 2016 – 2017 model year IS200t, IS300, RC200t, and RX350, 2016 – 2018 model year GS200t, GS300, GS350, and RC300, and 2018 model year IS300, IS350, and RC350 vehicles may exhibit a MIL ON condition with Diagnostic Trouble Code (DTC) P261093 (ECM/PCM Engine Off Timer Performance No Operation) present. 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	MODEL	YEAR	ENGINE	DRIVETRAIN	OFF	T1	T2
EG1821	Reprogram ECM (PCM)	0.4	IS350, IS300, IS200t	2016	8AR-FTS	2WD	89661-53S60	8A	99
							89661-53S61		
				89661-53S62					
				89661-53S63					
				89661-53S64					
				2017	8AR-FTS	2WD	89661-53U00		
89661-53U01									
2018	2GR-FKS	4WD	89661-53U02						
			89661-53V00-B						
			89661-53V10-B						
							89661-53V20-B		

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Warranty Information (continued)

OP CODE	DESCRIPTION	TIME	MODEL	YEAR	ENGINE	DRIVETRAIN	OFF	T1	T2
EG1821	Reprogram ECM (PCM)	0.4	GS350, GS200t	2016 – 2017	2GR-FKS	2WD	89661-3AB10 89661-3AB11	8A	99
						4WD	89661-3AB20 89661-3AB21		
				2016	8AR-FTS	2WD	89661-30Z90 89661-30Z91 89661-30Z92 89661-30Z93 89661-30Z94		
							2017		
			2018	2GR-FKS	4WD	89661-3AG20 89661-3AG30			
				RC350, RC300, RC200t	2016	8AR-FTS	2WD		
			2017						
					2018	2GR-FKS	4WD		

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Warranty Information (continued)

OP CODE	DESCRIPTION	TIME	MODEL	YEAR	ENGINE	DRIVETRAIN	OFF	T1	T2
EG1821	Reprogram ECM (PCM)	0.4	RX350	2016 – 2017 (2T2)	2GR-FKS	2WD Non-F Sport	89661-0E760 89661-0E761 89661-0E762	8A	99
						2WD F Sport	89661-0EA40 89661-0EA41		
						4WD Non-F Sport	89661-0E810 89661-0E811 89661-0E812		
						4WD F Sport	89661-0E770 89661-0E771 89661-0E772		
				4WD Non-F Sport		89661-48N70 89661-48N71 89661-48N72			
				2016 (JTJ)					

APPLICABLE WARRANTY

- This repair is covered under the Lexus Federal 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.

Parts Information

MODEL	YEAR	ENGINE	DRIVETRAIN	PART NUMBER		PART NAME	QTY
				PREVIOUS	NEW		
IS350, IS300, IS200t	2016	8AR-FTS	2WD	89661-53S60	89661-53S65	Computer, Engine Control (ECM/PCM)	–
				89661-53S61			
				89661-53S62			
				89661-53S63			
	2017	8AR-FTS	2WD	89661-53S64			
				89661-53U00	89661-53U03		
2018	2GR-FKS	4WD	89661-53U01				
			89661-53U02				
		4WD	89661-53V00-B	89661-53V01			
			89661-53V10-B	89661-53V11			
			89661-53V20-B	89661-53V21			

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Parts Information (continued)

MODEL	YEAR	ENGINE	DRIVETRAIN	PART NUMBER		PART NAME	QTY	
				PREVIOUS	NEW			
GS350, GS200t	2016 – 2017	2GR-FKS	2WD	89661-3AB10 89661-3AB11	89661-3AB12	Computer, Engine Control (ECM/PCM)	–	
			4WD	89661-3AB20 89661-3AB21	89661-3AB22			
	2016	8AR-FTS	2WD	89661-30Z90 89661-30Z91 89661-30Z92 89661-30Z93 89661-30Z94	89661-30Z95			
				2017	89661-3AE30 89661-3AE31			89661-3AE32
	2018	2GR-FKS	4WD	89661-3AG20	89661-3AG21			
				89661-3AG30	89661-3AG31			
	RC350, RC300, RC200t	2016	8AR-FTS	2WD	89661-24A70 89661-24A71 89661-24A72 89661-24A73			89661-24A74
					2017			89661-24B40 89661-24B41 89661-24B42
2018		2GR-FKS	4WD	89661-24C60-B	89661-24C61			
				89661-24C70-B	89661-24C71			
				89661-24C80-B	89661-24C81			

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Parts Information (continued)

MODEL	YEAR	ENGINE	DRIVETRAIN	PART NUMBER		PART NAME	QTY
				PREVIOUS	NEW		
RX350	2016 – 2017 (2T2)	2GR-FKS	2WD Non-F Sport	89661-0E760 89661-0E761 89661-0E762	89661-0E763	Computer, Engine Control (ECM/PCM)	–
			2WD F Sport	89661-0EA40 89661-0EA41	89661-0EA42		
			4WD Non-F Sport	89661-0E810 89661-0E811 89661-0E812	89661-0E813		
			4WD F Sport	89661-0E770 89661-0E771 89661-0E772	89661-0E773		
	2016 (JTJ)		4WD Non-F Sport	89661-48N70 89661-48N71 89661-48N72	89661-48N73		
–				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*.

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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 13.30.018 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.

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	YEAR	ENGINE	DRIVETRAIN	ECU TYPE	CALIBRATION ID		
					PREVIOUS	NEW	
IS350, IS300, IS200t	2016	8AR-FTS	2WD	Main	8966353N8200	8966353N8700	
					8966353N8300		
				8966353N8400			
				8966353N8500			
	2017	8AR-FTS	2WD	Sub	896655348200	896655348400	
					896655348300		
				Main	8966353Q2000		8966353Q2300
					8966353Q2100		
2018	2GR-FKS	4WD	Main	8966353R0000	8966353R0100		
				8966353R1000			
			Main	8966353R2000		8966353R2100	
				8966353R2000			

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Calibration Information (continued)

MODEL	YEAR	ENGINE	DRIVETRAIN	ECU TYPE	CALIBRATION ID			
					PREVIOUS	NEW		
GS350, GS200t	2016 – 2017	2GR-FKS	2WD	Main	8966330Z2000 8966330Z2100	8966330Z2200		
				Sub	8966530L5000	8966530L5100		
			4WD	Main	8966330Z3000 8966330Z3100	8966330Z3200		
				Sub	8966530L6000	8966530L6100		
	2016	8AR-FTS	2WD	Main	8966330Y0000 8966330Y0100 8966330Y0200 8966330Y0300 8966330Y0400	8966330Y0500		
				Sub	8966530J3000 8966530J3100	8966530J3200		
	2017			2GR-FKS	4WD	Main	896633A20000 896633A20100	896633A20200
							896633A42000	896633A42100
	2018	2GR-FKS	4WD	Main	896633A43000	896633A43100		
					896633A20000 896633A20100	896633A20200		
	RC350, RC300, RC200t	2016	8AR-FTS	2WD	Main	896632436200 896632436300 896632436400 896632436500	896632436600	
						Sub	896652423000 896652423100 896652423200	896652423300
2017		2GR-FKS			4WD	Main	896632443000 896632443100 896632443200	896632443300
							896632455000	896632455100
2018		2GR-FKS	4WD	Main	896632456000	896632456100		
					896632457000	896632457100		

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Calibration Information (continued)

MODEL	YEAR	ENGINE	DRIVETRAIN	ECU TYPE	CALIBRATION ID	
					PREVIOUS	NEW
RX350	2016 – 2017 (2T2)	2GR-FKS	2WD Non-F Sport	Main	896630E36100 896630E36200 896630E36300	896630E36400
			2WD F Sport		896630E54000 896630E54100	896630E54200
			4WD Non-F Sport		896630E41000 896630E41100 896630E41200	896630E41300
			4WD F Sport		896630E37100 896630E37200 896630E37300	896630E37400
	2016 (JTJ)		4WD Non-F Sport		896630E41000 896630E41100 896630E41200	896630E41300

Repair Procedure

- Using Techstream, check for the following stored DTC.

P261093 – ECM/PCM Engine Off Timer Performance No Operation

Is the DTC 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. Check for the Authorized Modifications Label affixed to the vehicle in the locations shown below. Confirm if the ECM (PCM) calibration has been updated. 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 Modifications Label on 2016 – 2017 GS200t, RC200t, and RX350, and 2016 – 2018 GS350, RC300, and RC350



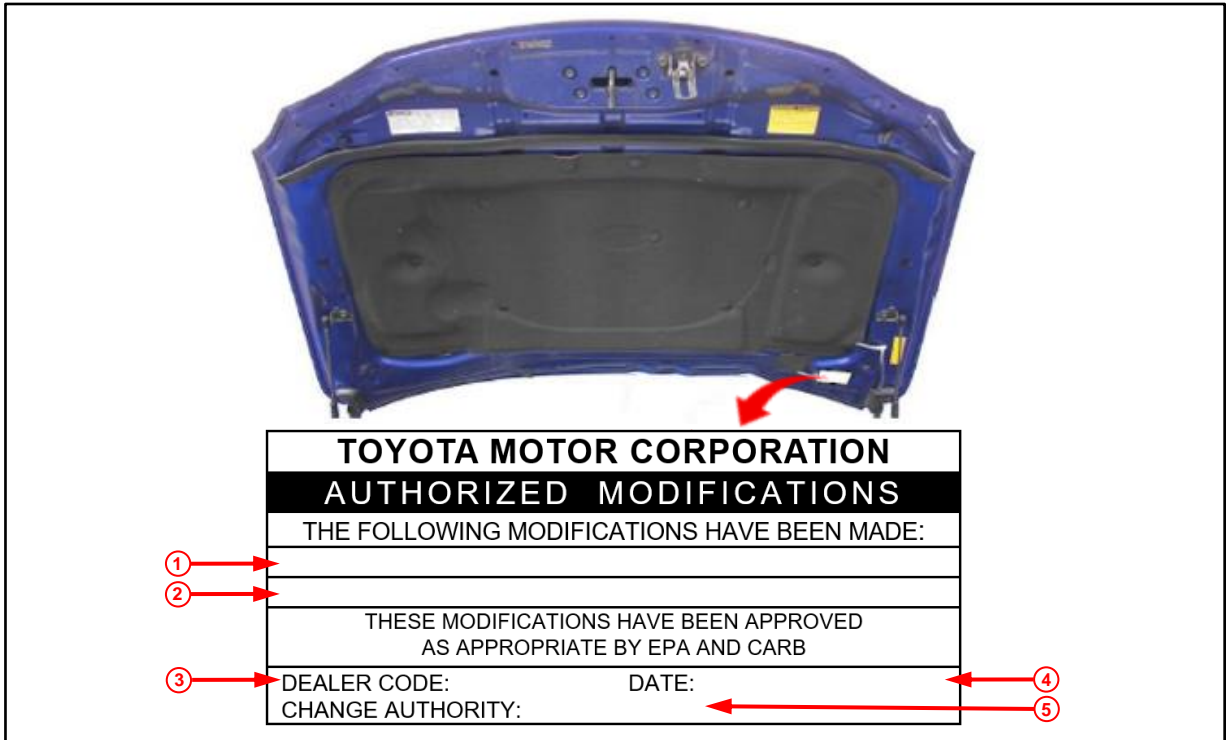
1	Replacement ECM (PCM) Part Number (e.g., 89661-3AB12)
2	New Calibration ID (e.g., 8966330Z2200)
3	Dealer Code

4	Date Completed
5	This SB Number

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Repair Procedure (continued)

Figure 2. Location of Authorized Modifications Label on 2016 – 2017 IS200t, IS300, and IS350



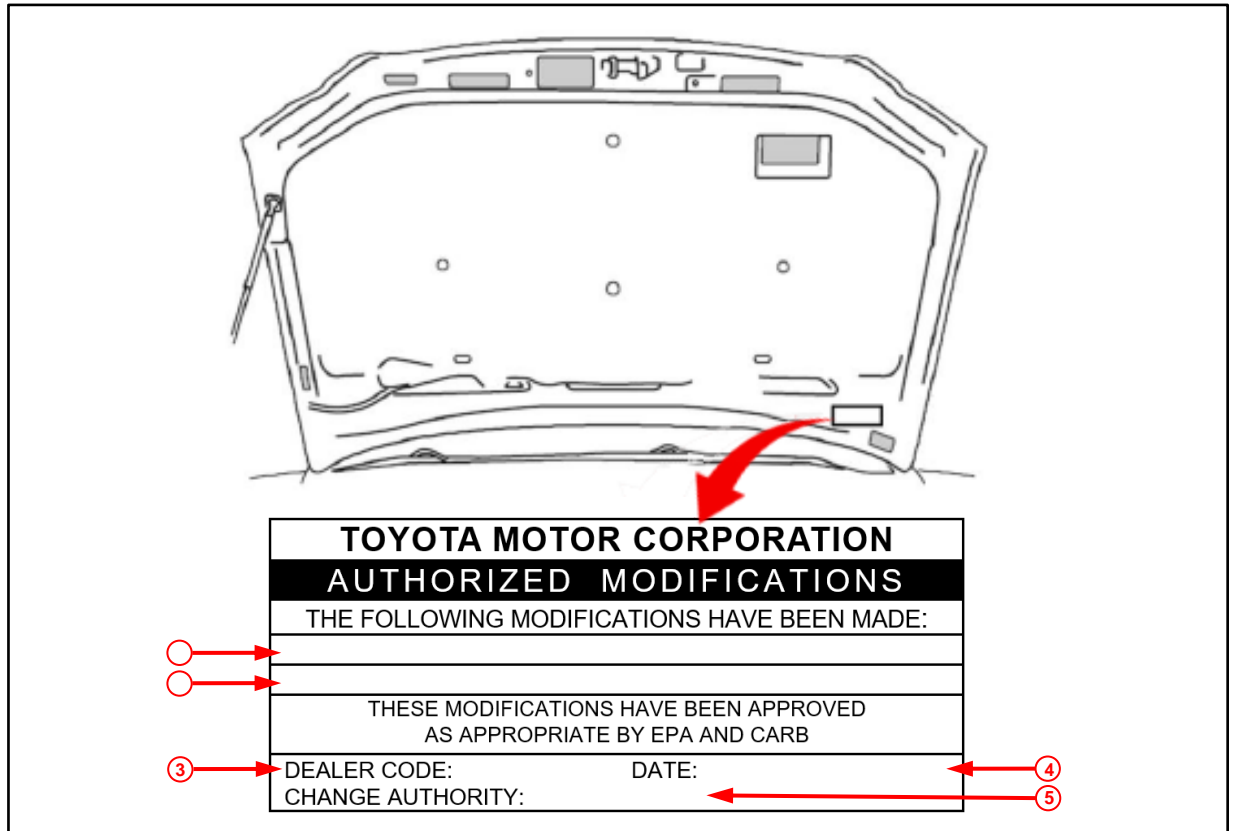
1	Replacement ECM (PCM) Part Number (e.g., 89661-53S65)
2	New Calibration ID (e.g., 8966353N8700)
3	Dealer Code

4	Date Completed
5	This SB Number

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Repair Procedure (continued)

Figure 3. Location of Authorized Modifications Label on 2016 – 2017 RX350



1	Replacement ECM (PCM) Part Number (e.g., 89661-0E763)
2	New Calibration ID (e.g., 896630E36400)
3	Dealer Code

4	Date Completed
5	This SB Number

3. 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 *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.

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Repair Procedure (continued)

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 to the vehicle at the location shown in Figures 1 – 3. The Authorized Modifications Label is available through the MDC, P/N 00451-00001-LBL.

5. Test-drive the vehicle to confirm proper operation.