

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		
				2017	89661-53S63				
					89661-53S64				
					89661-53U00				
					89661-53U01				
	89661-53U02								
						89661-53V00-B			
				2018	2GR-FKS	4WD	89661-53V10-B		
							89661-53V20-B		

MIL ON DTC P261093

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		
							89661-3AE30 89661-3AE31		
				2017			89661-3AG20		
				2018	2GR-FKS	4WD	89661-3AG30		
			RC350, RC300, RC200t		2016	8AR-FTS	2WD		
				89661-24A70 89661-24A71 89661-24A72 89661-24A73					
				2017	89661-24B40 89661-24B41 89661-24B42				
					2018	2GR-FKS	89661-24C60-B		
				4WD			89661-24C70-B 89661-24C80-B		

MIL ON DTC P261093

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		
				2016 (JTJ)		4WD Non-F Sport	89661-48N70 89661-48N71 89661-48N72		

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 89661-53S61 89661-53S62 89661-53S63 89661-53S64	89661-53S65	Computer, Engine Control (ECM/PCM)	—
	2017			89661-53U00 89661-53U01 89661-53U02	89661-53U03		
	2018			2GR-FKS	4WD		
		89661-53V10-B	89661-53V11				
		89661-53V20-B	89661-53V21				

MIL ON DTC P261093

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		
				89661-3AE30 89661-3AE31	89661-3AE32		
	2017	2GR-FKS	4WD	89661-3AG20	89661-3AG21		
				89661-3AG30	89661-3AG31		
	2018	8AR-FTS	2WD	89661-3AE30 89661-3AE31	89661-3AE32		
				89661-24A70 89661-24A71 89661-24A72 89661-24A73	89661-24A74		
RC350, RC300, RC200t	2016	8AR-FTS	2WD	89661-24B40 89661-24B41 89661-24B42	89661-24B43	Computer, Engine Control (ECM/PCM)	–
				89661-24C60-B	89661-24C61		
	2017	8AR-FTS	2WD	89661-24C70-B	89661-24C71		
				89661-24C80-B	89661-24C81		
	2018	2GR-FKS	4WD	89661-24C60-B	89661-24C61		
				89661-24C70-B	89661-24C71		

MIL ON DTC P261093

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*.

MIL ON DTC P261093

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		
	Sub	8966353N8600				
		896655348200	896655348400			
	896655348300					
	2017	Main	8966353Q2000	8966353Q2300		
8966353Q2100						
8966353Q2200						
2018	2GR-FKS		4WD	8966353R0000	8966353R0100	
		8966353R1000		8966353R1100		
		4WD	8966353R2000	8966353R2100		

MIL ON DTC P261093

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			Main	896633A20000 896633A20100	896633A20200		
					896633A42000	896633A42100		
	2018				4WD	896633A43000	896633A43100	
						896633A20000 896633A20100	896633A20200	
RC350, RC300, RC200t	2016	8AR-FTS	2WD	Main	896632436200 896632436300 896632436400 896632436500	896632436600		
				Sub	896652423000 896652423100 896652423200	896652423300		
	2017			Main	896632443000 896632443100 896632443200	896632443300		
					896632455000	896632455100		
	2018				2GR-FKS	4WD	896632456000	896632456100
							896632457000	896632457100

MIL ON DTC P261093

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.

MIL ON DTC P261093

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



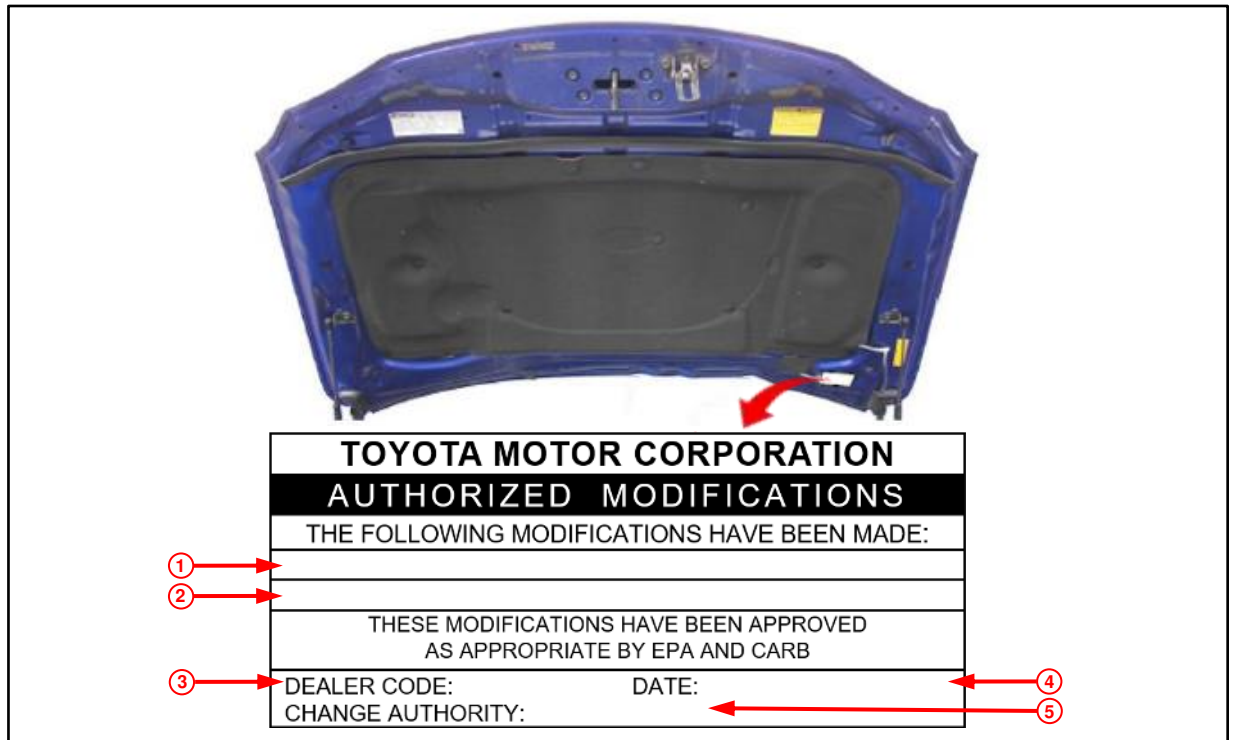
1	Replacement ECM (PCM) Part Number (e.g., 89661-3AB12)
2	New Calibration ID (e.g., 8966330Z2200)
3	Dealer Code

4	Date Completed
5	This SB Number

MIL ON DTC P261093

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

MIL ON DTC P261093

Repair Procedure (continued)

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

TOYOTA MOTOR CORPORATION AUTHORIZED MODIFICATIONS	
THE FOLLOWING MODIFICATIONS HAVE BEEN MADE:	
THESE MODIFICATIONS HAVE BEEN APPROVED AS APPROPRIATE BY EPA AND CARB	
DEALER CODE:	DATE:
CHANGE AUTHORITY:	

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.

MIL ON DTC P261093

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.