


ECM Calibration: Hesitation Concerns

Service Category Engine/Hybrid System

Section Engine Control

Market USA

Lexus Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2016 - 2017	RX350	

Introduction

Some 2016 – 2017 model year RX 350 vehicles may exhibit a hesitation in one or more of the following conditions:

- Accelerating from a stop.
- Passing during freeway/city driving.
- Low speed reacceleration.

The Engine Control Module (ECM, SAE term: Powertrain Control Module/PCM) calibration has been revised to address these conditions.

Production Change Information

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

WMI	DRIVETRAIN	TRIM	PRODUCTION CHANGE EFFECTIVE VIN
2T2	2WD	Non F Sport	2T2ZZMCA#HC039578
		F Sport	2T2ZZMCA#HC040068
	4WD	Non F Sport	2T2BZMCA#HC060399
		F Sport	2T2BZMCA#HC060921
JTJ	4WD	Non F Sport	JTJBZMCA#H2015162

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Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
EG1637	Reprogram ECM (PCM) Engine	0.4	89661-0E760	26	99
			89661-0E761		
			89661-0EA40		
			89661-0E810		
			89661-0E811		
			89661-0E770		
			89661-0E771		
			89661-48N70 89661-48N71		

APPLICABLE WARRANTY

- This repair is covered under the Lexus 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.

Parts Information

WMI	DRIVETRAIN	TRIM	PART NUMBER		PART NAME	QTY
			PREVIOUS	NEW		
2T2	2WD	Non F Sport	89661-0E760 89661-0E761	89661-0E762	Computer, Engine Control (ECM/PCM)	-
		F Sport	89661-0EA40	89661-0EA41		
	4WD	Non F Sport	89661-0E810 89661-0E811	89661-0E812		
		F Sport	89661-0E770 89661-0E771	89661-0E772		
JTJ	4WD	Non F Sport	89661-48N70 89661-48N71	89661-48N72		
-	-	-	00451-00001-LBL			

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 Material Order*.

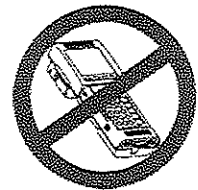
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Required Tools & Equipment

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

NOTE

- Only **ONE** of the Techstream units listed above is required.
- Software version 11.30.137 or later is required.
- Additional Techstream units may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787.
- The Diagnostic Tester is **NOT** recommended for flash reprogramming. Please 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*	<u>00002-MCGR8</u>	1

NOTE

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

* Essential SST.

Calibration Information

WMI	DRIVETRAIN	TRIM	CALIBRATION ID	
			PREVIOUS	NEW
2T2 	2WD	Non F Sport	896630E36100 896630E36200	<u>896630E36300</u>
		F Sport	896630E54000	<u>896630E54100</u>
	4WD	Non F Sport	896630E41000 896630E41100	<u>896630E41200</u>
		F Sport 	896630E37100 896630E37200	<u>896630E37300</u>
JTJ	4WD	Non F Sport	896630E41000 896630E41100	<u>896630E41200</u>