

MIL ON With DTC P107B

Service Category Vehicle Interior

Section Meter/Gauge/Display

Market USA

Toyota Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2018 - 2020	RX450H	

Introduction

Some 2018 – 2020 model year RX 450h and RX 450hL vehicles may exhibit a MIL ON condition with the following Diagnostic Trouble Code (DTC):

- P107B – (Fuel Rail Pressure Sensor "B" Circuit Range/Performance)

Follow the Repair Procedure in this bulletin to address this condition.

Warranty Information

OP CODE	DESCRIPTION	TIME	OFP	T1	T2
234021	R & R Electrical Fuel Pump Assembly	1.6	77020-4826#	8A	50

*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 Powertrain Warranty. This warranty is in effect for 72 months or 70,000 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

PART NUMBER	PART NAME	QTY
77020-48260	Tube Assy, Fuel Suction W/Pump and Gage	1
77020-48261		
77169-33030	Gasket, Fuel Suction Tube Set	1

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 15.00.028 or later is required.
- Additional Techstream units may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787.

Production Change Information

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

MODEL	PLANT	DRIVETRAIN	PRODUCTION CHANGE EFFECTIVE VIN
RX450h	All	All	2T2#GMDA#LC048791
RX450hL			JTJ#GKFA#L2012298

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Repair Procedure

1. Does the vehicle exhibit a MIL ON condition with DTC P107B (Fuel Rail Pressure Sensor "B" Circuit Range/Performance)?
 - **YES** — Continue to step 2.
 - **NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.

2. Replace the fuel pump assembly.
 - A. Remove the fuel pump assembly.

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

 - [2018](#) / [2019](#) / [2020](#) RX 450h and RX 450hL:
Engine/Hybrid System – Fuel System – “2GR-FXS Fuel: Fuel Pump: Removal”
 - B. Install the NEW fuel pump assembly.
 - [2018](#) / [2019](#) / [2020](#) RX 450h and RX 450hL:
Engine/Hybrid System – Fuel System – “2GR-FXS Fuel: Fuel Pump: Installation”

3. Clear ANY DTCs and test-drive the vehicle to confirm the condition is no longer present.