

MIL ON With DTC P107B

Service Category Engine/Hybrid System

Section Engine Control

Market USA

Toyota Supports
 ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2018 - 2019	Highlander HV	

Introduction

Some 2018 – 2019 model year Highlander Hybrid vehicles may exhibit a MIL ON condition with 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	OFF	T1	T2
234021	R & R Electrical Fuel Pump Assembly	2.0	77020-4826#	8A	50

*Warranty claim MUST be submitted with the correct 10-digit OFF. Choose the correct OFF 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 Toyota Powertrain Warranty. This warranty is in effect for 60 months or 60,000 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

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

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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.

Repair Procedure

1. Confirm the condition exists.
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 Highlander HV:
Engine/Hybrid System – Fuel System – [“2GR-FXS Fuel: Fuel Pump: Removal”](#)
 - B. Install the NEW fuel pump assembly.
Refer to TIS, applicable model and model year Repair Manual:
 - 2018 – 2019 Highlander HV:
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.