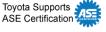


MIL ON With DTC P107B

Service

Category Engine/Hybrid System

Section Engine Control Market USA



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 | OFP | T1 | T2 |
|---------------------|-------------------------------------|------|-------------|----|----|
| 234021 | R & R Electrical Fuel Pump Assembly | | 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 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 | PARTNAME | QTY |
|-------------|---|-----|
| 77020-48260 | Tube Acov Fuel Suction W/Dump and Cage | 1 |
| 77020-48261 | Tube Assy, Fuel Suction W/Pump and Gage | 1 |
| 77169-33030 | Gasket, Fuel Section Tube Set | 1 |

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MIL ON With DTC P107B

Required Tools & Equipment

| REQUIRED EQUIPMENT | SUPPLIER | PART NUMBER | QTY | |
|-------------------------------|----------|--------------|-----|--|
| Techstream ADVi* | | TSADVUNIT | | |
| 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 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

- 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.