

Poor Acceleration and/or MIL ON With DTC(s) P017400, P117B00, and/or P043000

Service Category Vehicle Interior

Section Meter/Gauge/Display

Market USA

Toyota Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2023	Sequoia HV	
2022 - 2023	Tundra, Tundra HV	

Introduction

Some 2023 model year Sequoia Hybrid and 2022 – 2023 model year Tundra and Tundra Hybrid vehicles may exhibit poor acceleration and/or a MIL ON condition with one or more of the following Diagnostic Trouble Codes (DTCs):

- P017400 – System Too Lean Bank 2
- P117B00 – Fuel Performance/Direct Injector
- P043000 – Catalyst System Efficiency Below Threshold Bank 2

Follow the Repair Procedure in this bulletin to address these conditions.

Production Change Information

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

MODEL YEAR	MODEL	ENGINE	PRODUCTION CHANGE EFFECTIVE ENGINE NUMBER
2023	Sequoia HV	V35AFTS	A145845
2022 – 2023	Tundra, Tundra HV		

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Warranty Information

OP CODE	DESCRIPTION	TIME	OFP	T1	T2
EG2303	R & R the LH No. 2 Fuel Delivery Pipe and the No. 3 Fuel Sub-assy Pipe	3.9	23808-F4010	8A	50
Combo A	R & R the LH Catalyst Converter Assembly	0.7			

APPLICABLE WARRANTY

- This repair is covered under the Toyota Basic Warranty. This warranty is in effect for 36 months or 36,000 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.
- 2023 Model Year Sequoia Hybrid vehicles and 2022 – 2023 Model Year Tundra and Tundra Hybrid vehicles equipped with a California Certified Emission Control System that are registered and operated in California or any state that have adopted the California emission warranty – California Emission Long-Term Defect Warranty is in effect for 7 years or 70,000 miles from the vehicle's in-service date, whichever occurs first. (Please reference Warranty Policy 4.7, and/or the Owner's Warranty & Maintenance Guide for additional information.)

Parts Information

PART NUMBER	PART NAME	QTY
23808-F4010	Pipe Sub-assy, Fuel Delivery, LH, No. 2	1
23803-70060	Pipe Sub-Assy, Fuel, No. 3	1
17500-F4020	Converter Assy, W/Catalyst, LH	1*

*Only replace the LH catalyst converter assembly if DTC P043000 is present.

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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.
- GTS+ software version 2023.02.001.02 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 lack of power during acceleration and/or a MIL ON condition with one or more of the following DTCs present?

- P017400 – System Too Lean Bank 2
- P117B00 – Fuel Performance/Direct Injector
- P043000 – Catalyst System Efficiency Below Threshold Bank 2

- **YES** — Continue to step 2.
- **NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.

2. Monitor the freeze frame data while the vehicle is at idle under direct injection mode. Do the low/high fuel pressure and mass air flow sensors read close to target and normally?

- **YES** — This condition may indicate a fuel restriction in the bank 2 fuel rail. Continue to step 3.
- **NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.

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Repair Procedure (continued)

3. Remove the No. 2 LH fuel delivery pipe and the No. 3 fuel pipe.
Refer to TIS, applicable model and model year Repair Manual:

NOTE

ONLY perform steps 1 – 8 of the applicable Repair Manual.

- 2023 Sequoia Hybrid:
Engine/Hybrid System – Fuel System – “[V35A-FTS \(Fuel\): Fuel Injector \(for Direct Injection\): Removal](#)”
 - 2022 – 2023 Tundra and Tundra Hybrid:
Engine/Hybrid System – Fuel System – “[V35A-FTS \(Fuel\): Fuel Injector \(for Direct Injection\): Removal](#)”
4. Install the NEW No. 2 LH fuel delivery pipe and the NEW No. 3 fuel pipe.
Refer to TIS, applicable model and model year Repair Manual:

NOTE

ONLY perform steps 12 and 14 of the applicable Repair Manual.

- 2023 Sequoia Hybrid:
Engine/Hybrid System – Fuel System – “[V35A-FTS \(Fuel\): Fuel Injector \(for Direct Injection\): Installation](#)”
 - 2022 – 2023 Tundra and Tundra Hybrid:
Engine/Hybrid System – Fuel System – “[V35A-FTS \(Fuel\): Fuel Injector \(for Direct Injection\): Installation](#)”
5. Was DTC P043000 present in step 1?
 - **YES** — Continue to step 6.
 - **NO** — Go to step 7.

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Repair Procedure (continued)

6. Remove the LH catalyst converter assembly and install a NEW LH catalyst converter assembly.

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

- 2023 Sequoia Hybrid:
Engine/Hybrid System – Emission Control – “V35A-FTS (Emission Control): Monolithic Converter: [Removal](#) / [Installation](#)”
 - 2022 – 2023 Tundra and Tundra Hybrid:
Engine/Hybrid System – Emission Control – “V35A-FTS (Emission Control): Monolithic Converter: [Removal](#) / [Installation](#)”
7. Test-drive the vehicle to confirm the condition(s) no longer exist(s).