

MIL ON With DTC(s) P07407F, P074571, P079571, P08BA71, P271371, P280771, and/or P281671

Service
Category Drivetrain

Section Automatic Transmission/Transaxle

Market USA and
Mexico

Toyota Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2024	Tacoma, Tacoma HV	

SUPERSESION NOTICE

The information contained in this bulletin supersedes Service Bulletin No. T-SB-0076-24.

- Applicability has been updated to include 2024 model year Tacoma HV vehicles.
- The Service Bulletin Title, Introduction, Production Change Information, and Repair Procedure sections have been updated.

Service Bulletin No. T-SB-0076-24 is obsolete and any printed versions should be discarded.

Introduction

Some 2024 model year Tacoma and Tacoma Hybrid vehicles may exhibit a MIL ON condition with one or more of the following Diagnostic Trouble Codes (DTCs) present:

- P07407F – Torque Converter Clutch Actuator Stuck Off
- P074571 – Pressure Control Solenoid “A” Actuator Stuck
- P079571 – Pressure Control Solenoid "C" Actuator Stuck
- P08BA71 – Pressure Control Solenoid "L" Actuator Stuck
- P271371 – Pressure Control Solenoid "D" Actuator Stuck
- P280771 – Pressure Control Solenoid "G" Actuator Stuck
- P281671 – Pressure Control Solenoid "H" Actuator Stuck

The automatic transmission assembly and torque converter need to be replaced to address this condition for Tacoma vehicles. The automatic transmission assembly, torque converter, and hybrid module need to be replaced to address this condition for Tacoma Hybrid vehicles. Follow the Repair Procedure in this bulletin to address this condition.

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Production Change Information

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

MODEL	PLANT	ENGINE	DRIVETRAIN	PRODUCTION CHANGE EFFECTIVE VIN
Tacoma	TMMGT	T24A-FTS	2WD/4WD	3TYJBAFN#RT012286 3TYKB5FN#RT012286 3TYLB5FN#RT012286 3TYJDAHN#RT008161 3TYKD5HN#RT008161 3TYJBAJN#RT041152 3TYLE5JN#RT041152 3TYLB5JN#RT041152 3TYKE5JN#RT041152 3TYKB5JN#RT041152 3TYJDAKN#RT004285 3TYLD5KN#RT004285
	TMMBC			3TMKB5FN#RM043849 3TMLB5FN#RM043849 3TMLB5JN#RM011196
Tacoma HV	TMMGT		4WD	3TYLC5LN#RT006367 3TYLF5LN#RT006367

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Warranty Information

For USA Market

OP CODE	DESCRIPTION	MODEL	DRIVETRAIN	TIME	OFP	T1	T2
TC2410	R & R Automatic Transmission Assembly and Torque Converter	Tacoma	2WD	4.9	35000-042##*	8A	99
			4WD	5.9			
TC2411	R & R Automatic Transmission Assembly, Torque Converter, and Hybrid Module	Tacoma HV		6.9			

*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.

For Mexico Market

OP CODE	DESCRIPTION	MODEL	DRIVETRAIN	TIME	OFP	T1	T2
TC2410	R & R Automatic Transmission Assembly and Torque Converter	Tacoma	2WD	4.9	35000-042##*	8A	99
			4WD	5.9			
TC2411	R & R Automatic Transmission Assembly, Torque Converter, and Hybrid Module	Tacoma HV		6.9			

*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 Basic Warranty. This warranty is in effect for 36 months or 60,000 kilometers, 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

MODEL	PART NUMBER	DRIVETRAIN	PART NAME	QTY
Tacoma*	35010-04200	2WD	Transmission Assy with Torque Converter	1
	35010-04190	2WD with Start/Stop		
	35010-04220	4WD		
	35010-04210	4WD with Start/Stop		
Tacoma HV	35000-04280	4WD	Transmission Assy	1
	32000-60400		Torque Converter	
	35090-60060		Hybrid Motor	
Tacoma Tacoma HV	00289-ATFWS	All	Automatic Transmission Fluid-WS	As Needed

*Part numbers may not be found in the EPC. Please confirm the correct transmission assembly is ordered.

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Required Tools & Equipment

SPECIAL SERVICE TOOLS (SST)	PART NUMBER	QTY
DCA-8000 Battery Diagnostic Tool*	DCA-8000P I	1

*Essential SST.

NOTE

Additional SSTs may be ordered by calling 1-800-368-6787 (USA) or 01-800-504-5330 (Mexico) or by visiting *Home – Service Resources – Toyota Special Service Tools (SSTs)*.

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 2024.03.004.02 or later is required.
- Additional Techstream units may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787 (USA) or 01-55-50103041 (Mexico) or by visiting *TIS – Diagnostics – Tools & Equipment – Techstream Order Portal*.

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Repair Procedure

1. Confirm the condition exists.

Using GTS+, check for the following stored DTCs:

- P07407F – Torque Converter Clutch Actuator Stuck Off
- P074571 – Pressure Control Solenoid "A" Actuator Stuck
- P079571 – Pressure Control Solenoid "C" Actuator Stuck
- P08BA71 – Pressure Control Solenoid "L" Actuator Stuck
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Are ANY of the DTCs listed above present?

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

2. Remove the automatic transmission assembly and the torque converter.

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

- [2024](#) Tacoma:
Drivetrain – AL80E (Automatic Transmission / Transaxle) – Automatic Transmission Assembly – Removal
- [2024](#) Tacoma:
Drivetrain – AL80F (Automatic Transmission / Transaxle) – Automatic Transmission Assembly – Removal
- [2024](#) Tacoma HV:
Drivetrain – L580F (Hybrid Transmission / Transaxle) – Hybrid Vehicle Transmission – Removal

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Repair Procedure (continued)

3. Install the NEW automatic transmission assembly and the NEW torque converter.

NOTE

Transmissions come filled with automatic transmission fluid from the supplier. Confirm that the automatic transmission fluid is present, and the fluid level is correct by referencing the applicable model and model year Repair Manual listed below.

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

- [2024](#) Tacoma:
Drivetrain – AL80E (Automatic Transmission / Transaxle) – Automatic Transmission Assembly – Installation
- [2024](#) Tacoma:
Drivetrain – AL80F (Automatic Transmission / Transaxle) – Automatic Transmission Assembly – Installation
- [2024](#) Tacoma HV:
Drivetrain – L580F (Hybrid Transmission / Transaxle) – Hybrid Vehicle Transmission – Installation

4. Using GTS+, clear ANY DTCs and test drive the vehicle to confirm the condition is no longer present.