

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

Service Category Drivetrain

Market USA and Mexico

Section Automatic Transmission/Transaxle



Applicability

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

Introduction

Some 2024 model year Tacoma 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
- 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. 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 3TYJDAH#RT008161 3TYKD5HN#RT008161 3TYJBAJN#RT041152 3TYLE5JN#RT041152 3TYLB5JN#RT041152 3TYKE5JN#RT041152 3TYKB5JN#RT041152 3TYJDAKN#RT004285 3TYLD5KN#RT004285
	TMMBC			3TMKB5FN#RM043849 3TMLB5FN#RM043849 3TMLB5JN#RM011196

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Warranty Information

For USA Market

OP CODE	DESCRIPTION	DRIVETRAIN	TIME	OFF	T1	T2
TC2406	R & R Automatic Transmission Assembly and Torque Converter	2WD	4.9	35000-042##*	8A	99
		4WD	5.9			

*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.

For Mexico Market

OP CODE	DESCRIPTION	DRIVETRAIN	TIME	OFF	T1	T2
TC2406	R & R Automatic Transmission Assembly and Torque Converter	2WD	4.9	35000-042##*	8A	99
		4WD	5.9			

*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 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

PART NUMBER	DRIVETRAIN	PART NAME	QTY
35010-04200	2WD	Transmission Assy with Torque Converter	1
35010-04190	2WD with Start/Stop		
35010-04220	4WD		
35010-04210	4WD with Start/Stop		
00289-ATFWS	All	Automatic Transmission Fluid-WS	As Needed

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 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*.

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

*Essential SST.

NOTE

Additional SSTs may be ordered by calling 1-800-933-8335 (USA) or 01-800-504-5330 (Mexico) or by visiting *Home – Service Resources – Toyota Special Service Tools (SSTs)*.

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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
- 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

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

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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 that 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

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