

MIL ON With DTC P279762

Service
Category Drivetrain

Section Hybrid Transmission/Transaxle

Market USA and
Mexico

Toyota Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2023 - 2024	RX500H	
2024	TX500H	

Introduction

Some 2023 – 2024 model year RX 500h and 2024 model year TX 500h vehicles may exhibit a MIL ON condition with Diagnostic Trouble Code (DTC) P279762 (Electromagnetic Oil Pump Component Internal Failure) present. The Transmission Control Module (TCM) logic has been modified to reduce the possibility of this condition. Follow the Repair Procedure in this bulletin to address this condition.

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Warranty Information

For USA Market

OP CODE	DESCRIPTION	TIME	OFP	T1	T2
TC2402	Transmission Control Module Reprogramming	0.5	89530-485## *	8A	74

*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 Lexus Basic Warranty. This warranty is in effect for 48 months or 50,000 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 2023 – 2024 Model Year RX 500h and 2024 Model Year TX 500h vehicles equipped with a California Certified Emission Control System that are registered and operated in California or any state that adopts 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 Policy 4.7, and/or the Owner's Warranty & Maintenance Guide for additional information).

For Mexico Market

OP CODE	DESCRIPTION	TIME	OFP	T1	T2
TC2402	Transmission Control Module Reprogramming	0.5	89530-485##*	8A	74

*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 Lexus Basic Warranty. This warranty is in effect for 48 months or 80,000 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.

Parts Information

MODEL	PART NUMBER	PART NAME	QTY
RX 500h	89530-48501	Transmission Control Computer Assy.	—
TX 500h	89530-48540		

NOTE

The transmission control computer assembly should NOT be replaced as part of the Repair Procedure.

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Required Tools & Equipment

SPECIAL SERVICE TOOLS (SST)	PART NUMBER	QTY
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 – Lexus 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.
- Software version 2024.01.002.02 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*.
- Use Techstream or an approved J2534 interface to perform flash reprogramming updates. Visit techinfo.toyota.com for more information regarding J2534 reprogramming.

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Calibration Information

MODEL	ENGINE	VDS	CALIBRATION ID	
			PREVIOUS	NEW
RX 500h	T24A-FTS	TALH17	898844856000	898844856100
TX 500h		TAUH15L		

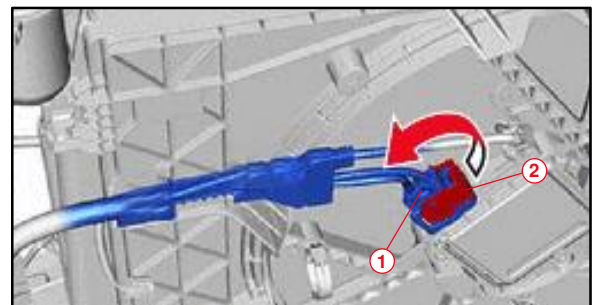
Repair Procedure

- Confirm the condition exists.
Does the vehicle exhibit a MIL ON condition with DTC P279762 (Electromagnetic Oil Pump Component Internal Failure) present?
 - YES** — Continue to step 2.
 - NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.
- Use GTS+ to confirm if the TCM calibration has been updated.
Is the calibration ID listed in GTS+ the latest TCM calibration?
 - YES** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.
 - NO** — Continue to step 3.
- Disconnect the cooling fans.
 - Disconnect the cooling fan motor connector.
 - Rotate the lever while pushing the lock and disconnect the cooling fan motor connector.

NOTICE

After disconnecting the cooling fan motor connector, make sure that dirt, water, or other foreign matter does NOT contact the connecting parts of the cooling fan motor connector.

Figure 1.



1	Cooling Fan Motor Connector
2	Lock

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Repair Procedure (continued)

4. Flash reprogram the TCM.

NOTE

- The battery diagnostic tool MUST be used in Power Supply Mode to maintain battery voltage at 13.5V – 13.5V while flash reprogramming the vehicle.
- For details on how to use the battery diagnostic station, refer to the [DCA-8000 Instruction Manual](#) located at *TIS – Diagnostics – Tools & Equipment – Battery Diagnostics*.

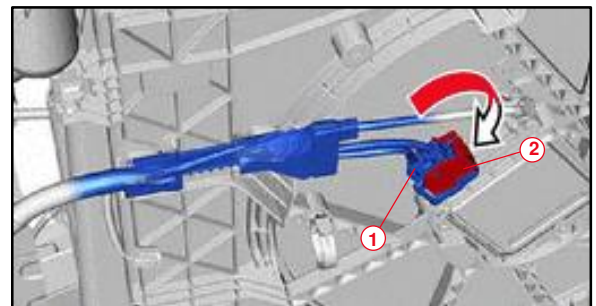
Follow the procedures outlined in [L-SB-0036-22](#), *GTS+ ECU Flash Reprogramming With Security Signature*, and flash reprogram the TCM with the NEW calibration file update.

5. Reconnect the cooling fans.
 - A. Connect the cooling fan motor connector.
 - B. Rotate the lever to lock it.

NOTICE

- When connecting the cooling fan motor connector, make sure that the connecting parts of the cooling fan motor connector are free of dirt, water, or other foreign matter.
- Be sure to securely connect the cooling fan motor connector.

Figure 2.



1	Cooling Fan Motor Connector
2	Lock

6. Using GTS+, clear ANY DTCs and test-drive the vehicle to confirm normal operation and that the condition is no longer present.