

MIL ON With DTC P060694

Service Category Vehicle Interior

Section Meter/Gauge/Display

Market USA and
Mexico

Toyota Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2021 - 2023	Sienna HV	WMI(s): 5TD Transmission(s): eCVT Plant Code(s): S

REVISION NOTICE

February 15, 2024 Rev1:

- The Parts Information and Repair Procedure sections have been updated.

Any previous printed versions of this bulletin should be discarded.

Introduction

Some 2021 – 2023 model year Sienna Hybrid vehicles may exhibit a MIL ON condition with Diagnostic Trouble Code (DTC) P060694 (Hybrid/EV Powertrain Control Module Processor Unexpected Operation) present. The Hybrid Vehicle Control Computer logic has been modified to reduce the possibility of this DTC setting incorrectly. Follow the Repair Procedure in this bulletin to address this condition.

Production Change Information

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

MODEL	PLANT	DRIVETRAIN	PRODUCTION CHANGE EFFECTIVE VIN
Sienna HV	TMMI	FWD	5TD#RKEC#PS152101
		AWD	5TD#SKFC#PS083996

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Warranty Information

For USA Market

OP CODE	DESCRIPTION	TIME	OFP	T1	T2
EL2402	Reprogram the Hybrid Vehicle Control Computer	1.1	89981-####*	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 (USA)

- This repair is covered under the Toyota Hybrid Warranty. This warranty is in effect for 96 months or 100,000 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	TIME	OFP	T1	T2
EL2402	Reprogram the Hybrid Vehicle Control Computer	1.1	89981-####*	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 (MEXICO)

- 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.

Parts Information

For USA and Mexico Markets

PART NUMBER		PART NAME	QTY
PREVIOUS	NEW		
89981-08010	89981-08012	Computer, Hybrid Vehicle Control	—
89981-08011			—
89981-08020	89981-08022		—
89981-08021			

NOTE

The hybrid vehicle control computer should NOT be replaced as part of the Repair Procedure.

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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 2023.04.003.02 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).
- Use Techstream or an approved J2534 interface to perform flash reprogramming updates. Visit techinfo.toyota.com for more information regarding J2534 reprogramming.

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).

Calibration Information

MODEL	ENGINE	DRIVETRAIN	CALIBRATION ID NUMBER	CALIBRATION ID	
				PREVIOUS	NEW
Sienna HV	A25A-FXS	FWD	CID 1	899830801000 899850801000	899830801200 / 899850801100
			CID 2	899830801100 899850801000	
		AWD	CID 1	899830802000 899850802000	899830802200 / 899850802100
			CID 2	899830802100 899850802000	

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Repair Procedure

1. Confirm the condition exists.

Does the vehicle exhibit a MIL ON condition with DTC P060694 present?

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

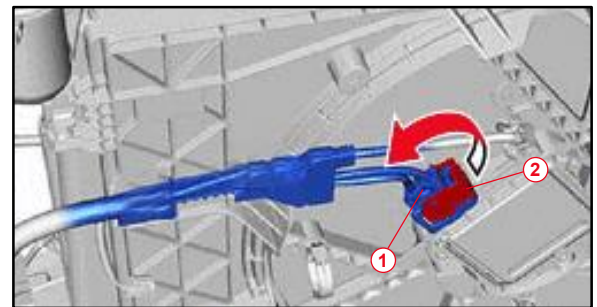
2. Disconnect the cooling fans.

- A. Disconnect the cooling fan motor connector.
- B. 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

3. Flash reprogram the hybrid vehicle control computer.

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 [T-SB-0107-20 ECU Flash Reprogramming With Security Signature](#), and flash the hybrid vehicle control computer with the NEW calibration file update.

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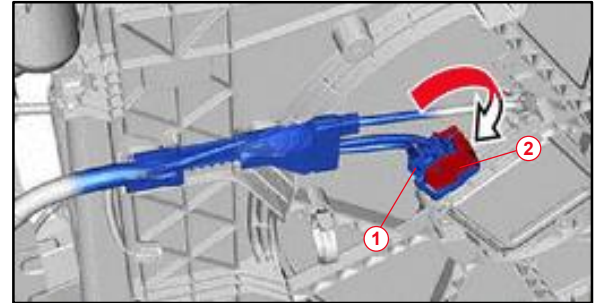
Repair Procedure (continued)

4. Connect 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

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