

MIL On With DTC P060694

Service Category Vehicle Interior

Market USA and Mexico

Section Meter/Gauge/Display



Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2022 - 2023	NX350H	Transmission(s): eCVT

Introduction

Some 2022 – 2023 model year NX 350h 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 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
800259	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

- This repair is covered under the Lexus 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
800259	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

- 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.

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Parts Information

For USA Market

PART NUMBER	PART NAME	QTY
89980-78390 89980-F6010	Computer Assy, Hybrid Vehicle Control	–
00451-00001-LBL	Authorized Modifications Labels	1

NOTE

- The Hybrid Vehicle Control Computer should NOT be replaced as part of the Repair Procedure.
- Authorized Modifications Labels may be ordered in packages of 25 from the Materials Distribution Center (MDC) (portal.toyotamdc.com) under item No. 00451-00001-LBL.

For Mexico Market

PART NUMBER	PART NAME	QTY
89980-78390 89980-F6010	Computer Assy, Hybrid Vehicle Control	–
00451-00002-MEX	Authorized Modifications Labels	1

NOTE

- The Hybrid Vehicle Control Computer should NOT be replaced as part of the Repair Procedure.
- Authorized Modifications Labels may be ordered in packages of 25 from the Materials Distribution Center (MDC) (portal.toyotamdc.com) under item No. 00451-00002-MEX.

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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).

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 2022.04.004.02 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).
- Use Techstream or an approved J2534 interface to perform flash reprogramming updates. Visit techinfo.toyota.com for more information regarding J2534 reprogramming.

Calibration Information

MODEL	ENGINE	CALIBRATION ID NUMBER	CALIBRATION ID	
			PREVIOUS	NEW
NX 350h	A25A-FXS	CID 1	899837820000	899837820100 / 899857814100
		CID 2	899857814000	

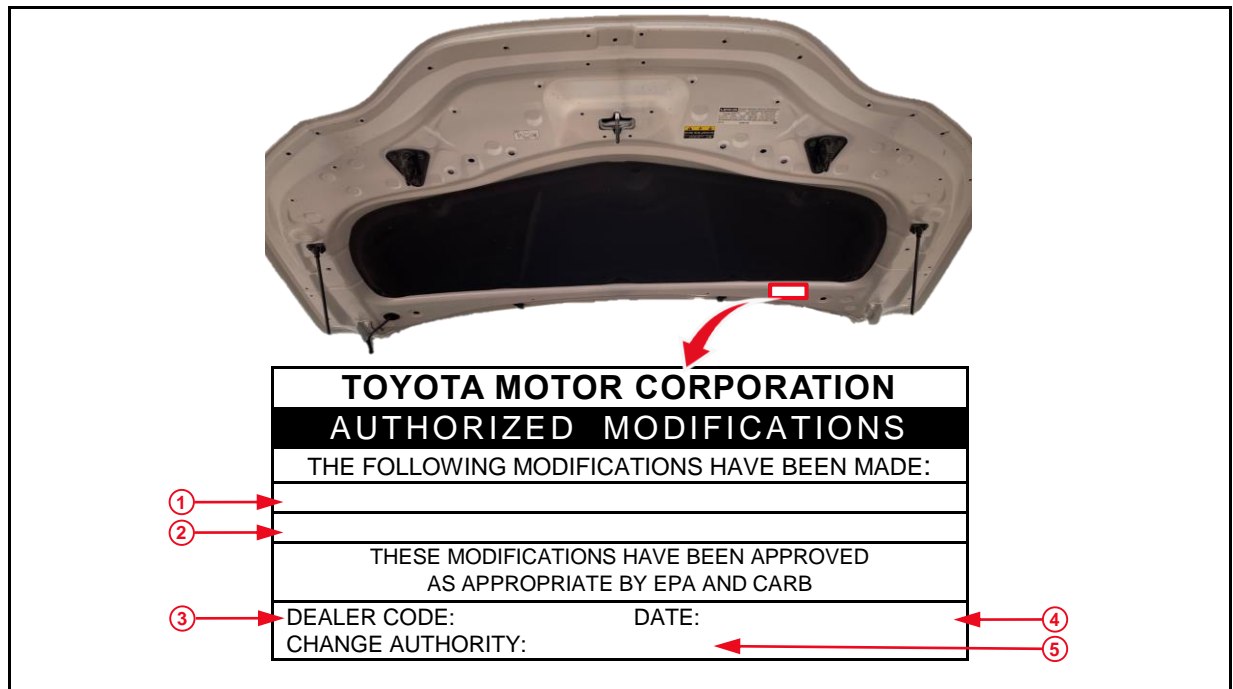
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Repair Procedure

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. Check for the Authorized Modifications Label affixed to the vehicle in the location shown below. Confirm if the hybrid vehicle control computer calibration has been updated.
Is the calibration ID listed the latest hybrid vehicle control computer calibration?
 - **YES** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.
 - **NO** — Continue to step 3.

Figure 1. Location of Authorized Modifications Label on 2022 – 2023 NX 350h



1	Replacement Hybrid Vehicle Control Computer Part Number (e.g., 89980-78390)
2	New Calibration ID (e.g., 899837820100)
3	Dealer Code

4	Date Completed
5	This SB Number

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Repair Procedure (continued)

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 13.0 – 13.5V while flash reprogramming the vehicle.
- For details on how to use the battery diagnostic tool, refer to the [DCA-8000 Instruction Manual](#) located at *TIS – Diagnostics – Tools & Equipment – Battery Diagnostics*.

Follow the procedures outlined in [L-SB-0036-22](#), *ECU Flash Reprogramming With Security Signature* and flash the hybrid vehicle control computer with the NEW calibration file update.

4. Prepare and install the Authorized Modifications Label.
 - A. Using a permanent marker, enter the following information on the label:
 - Hybrid Control Module part number [Refer to the **Parts Information** section for the **NEW PART NUMBER**]
 - Calibration ID(s) [Refer to the **Calibration Information** section for the **NEW CALIBRATION ID**]
 - Dealer Code
 - Repair Date
 - Change Authority [This bulletin number]
 - B. Affix the Authorized Modifications Label to the vehicle at the location shown in Figure 1. The Authorized Modifications Label is available through the MDC, P/N 00451-00001-LBL (USA) or 00451-00002-MEX (Mexico).
5. Test-drive the vehicle to confirm normal vehicle operation and the condition is no longer present.