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Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [03/2023 -]
Title: M20A-FXS (ENGINE CONTROL): SFI SYSTEM: P063051; VIN Not Programmed; 2023 - 2024 MY Prius Prius Prime [03/2023 -]		

DTC	P063051	VIN Not Programmed
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MONITOR DESCRIPTION

DTC P063051 is stored when the Vehicle Identification Number (VIN) or frame number is not stored in the ECM or the stored VIN or frame number is not accurate.

DTC NO.	DETECTION ITEM	DTC DETECTION CONDITION	TROUBLE AREA	MIL	DTC OUTPUT FROM	PRIORITY	NOTE
P063051	VIN Not Programmed	<p>Either of the following conditions is met (1 trip detection logic):</p> <ul style="list-style-type: none"> The VIN or frame number is not stored in the ECM. The VIN or frame number written to the ECM is not accurate. 	<ul style="list-style-type: none"> VIN or frame number ECM 	Comes on	Engine	B	SAE Code: P0630

MONITOR STRATEGY

Related DTCs	P0630: VIN not programmed
Required Sensors/Components (Main)	ECM
Required Sensors/Components (Related)	-
Frequency of Operation	Continuous
Duration	-
MIL Operation	Immediate
Sequence of Operation	None

TYPICAL ENABLING CONDITIONS

Monitor runs whenever the following DTCs are not stored	None
All of the following conditions are met	-
Reading VIN	No error
Auxiliary battery voltage	8 V or higher

Ignition switch

ON

TYPICAL MALFUNCTION THRESHOLDS

VIN

Not programmed

CONFIRMATION DRIVING PATTERN

HINT:

- After repair has been completed, clear the DTC and then check that the vehicle has returned to normal by performing the following All Readiness check procedure.

Click here [INFO](#)

- When clearing the permanent DTCs, refer to the "CLEAR PERMANENT DTC" procedure.

Click here [INFO](#)

- Clear the DTCs (even if no DTCs are stored, perform the clear DTC procedure).
- Turn the ignition switch off and wait for at least 30 seconds.
- Turn the ignition switch to ON.
- Wait 5 seconds or more [A].
- Enter the following menus: Powertrain / Engine / Trouble Codes [B].
- Read the pending DTCs.

HINT:

- If a pending DTC is output, the system is malfunctioning.
- If a pending DTC is not output, perform the following procedure.

- Enter the following menus: Powertrain / Engine / Utility / All Readiness.
- Input the DTC: P063051.
- Check the DTC judgment result.

HINT:

- If the judgment result is NORMAL, the system is normal.
- If the judgment result is ABNORMAL, the system is malfunctioning.
- [A] to [B]: Normal judgment procedure.

The normal judgment procedure is used to complete DTC judgment and also used when clearing permanent DTCs.

- When clearing the permanent DTCs, do not disconnect the cable from the auxiliary battery terminal or attempt to clear the DTCs during this procedure, as doing so will clear the universal trip and normal judgment histories.

CAUTION / NOTICE / HINT

NOTICE:

- Vehicle Control History may be stored in the hybrid vehicle control ECU if the engine is malfunctioning. Certain vehicle condition information is recorded when Vehicle Control History is stored. Reading the vehicle conditions recorded in both the freeze frame data and Vehicle Control History can be useful for troubleshooting.

for HEV Model: Click here [INFO](#)

for PHEV Model: Click here [INFO](#)

(Select Powertrain in Health Check and then check the time stamp data.)

- If any "Engine Malfunction" Vehicle Control History item has been stored in the hybrid vehicle control ECU, make sure to clear it. However, as all Vehicle Control History items are cleared simultaneously, if any Vehicle Control History items other than "Engine Malfunction" are stored, make sure to perform any troubleshooting for them before clearing Vehicle Control History.

for HEV Model: [Click here](#) 

for PHEV Model: [Click here](#) 

PROCEDURE

1. CHECK ANY OTHER DTCS OUTPUT (IN ADDITION TO DTC P063051)

(a) Read the DTCs.

Powertrain > Engine > Trouble Codes

NOTICE:

If P063051 is output, the VIN or frame number must be written to the ECM using the GTS. However, all DTCs are cleared automatically by the GTS when the VIN or frame number is written. If DTCs other than P063051 are output, troubleshoot them first.

RESULT	PROCEED TO
P063051 and other DTCs are output	A
P063051 is output	B

A  **GO TO DTC CHART**

B



2. WRITE VIN OR FRAME NUMBER

Click here 

NEXT  **END**

