

<b>Last Modified:</b> 12-04-2024	6.11:8.1.0	<b>Doc ID:</b> RM1000000029ZL6
<b>Model Year Start:</b> 2023	<b>Model:</b> Prius Prime	<b>Prod Date Range:</b> [12/2022 - ]
<b>Title:</b> M20A-FXS (ENGINE CONTROL): ECM: INSTALLATION; 2023 - 2024 MY Prius Prius Prime [12/2022 - ]		

## INSTALLATION

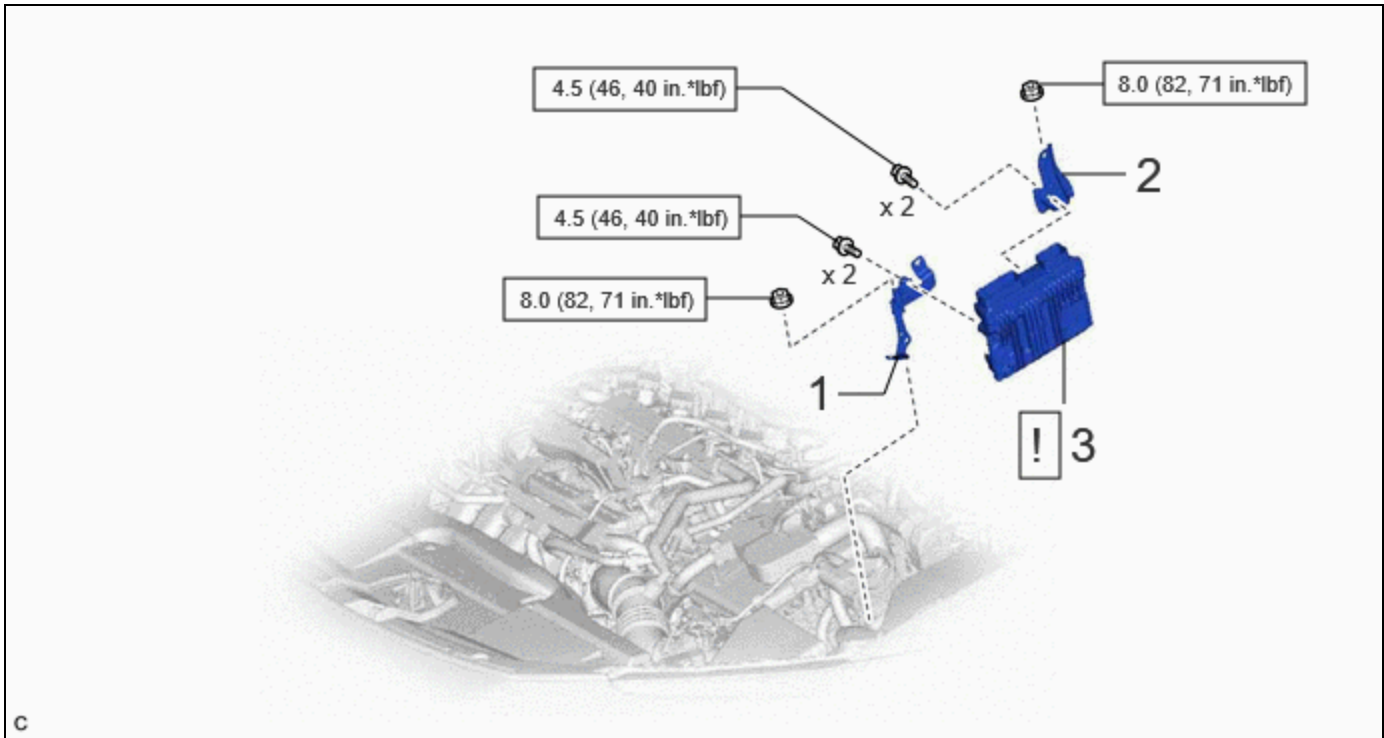
### CAUTION / NOTICE / HINT

**NOTICE:**


- After replacing the ECM, make sure to perform vehicle identification number (VIN) registration, ECU configuration and update ECU security key.
- After performing the vehicle identification number (VIN) registration, ECU configuration procedure and update ECU security key procedure, make sure to perform the initialization procedure for when the cable has been disconnected and reconnected to the negative (-) auxiliary battery terminal.

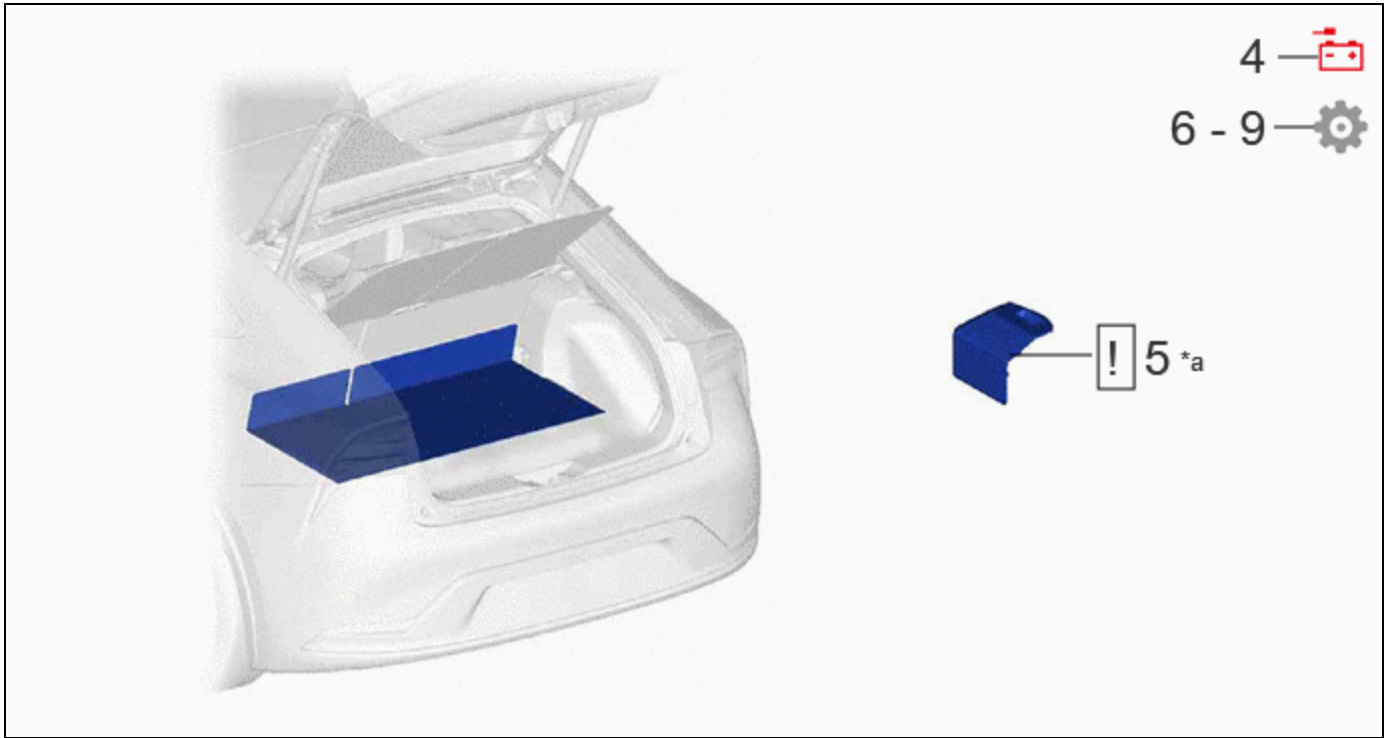
### CAUTION / NOTICE / HINT

#### COMPONENTS (INSTALLATION)



PROCEDURE		PART NAME CODE	!	📄	⚙️
1	NO. 1 ECM BRACKET	89667E	-	-	-
2	NO. 2 ECM BRACKET	89668	-	-	-
3	ECM	89661	INFO	-	-

	N*m (kgf*cm, ft.*lbf): Specified torque	-	-
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PROCEDURE	PART NAME CODE	!	📄	⚙️
4	NEGATIVE AUXILIARY BATTERY TERMINAL	-	-	-
5	BATTERY SERVICE HOLE COVER ASSEMBLY	-	-	-
6	VEHICLE IDENTIFICATION NUMBER (VIN) REGISTRATION	-	-	INFO
7	ECU CONFIGURATION	-	-	INFO
8	UPDATE ECU SECURITY KEY	-	-	INFO
9	INITIALIZATION AFTER RECONNECTING AUXILIARY BATTERY TERMINAL	-	-	INFO

*a	<p><b>HINT:</b> As the illustration shown is an example, the actual details may differ.</p>	-	-
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## PROCEDURE

### 1. INSTALL NO. 1 ECM BRACKET

**Torque:**

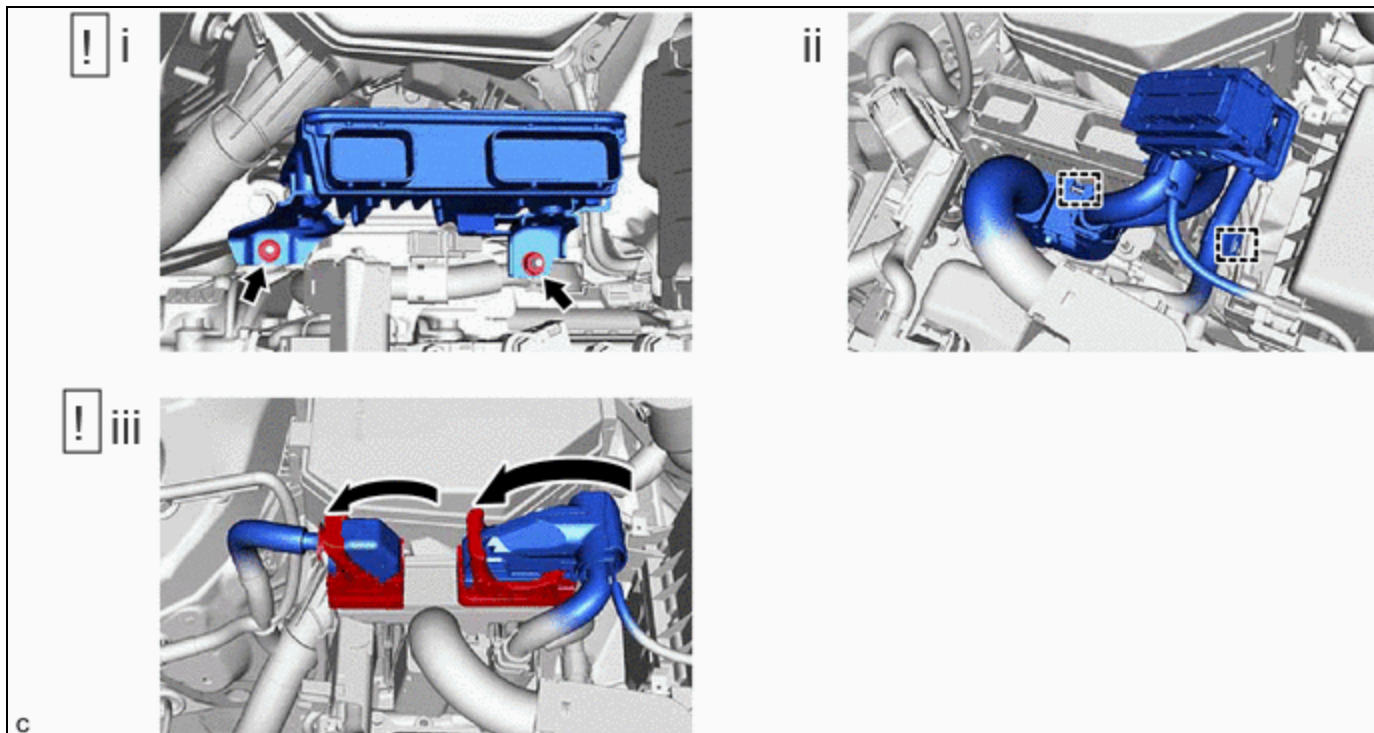
**4.5 N·m {46 kgf·cm, 40 in·lbf}**

## 2. INSTALL NO. 2 ECM BRACKET

### Torque:

**4.5 N·m {46 kgf·cm, 40 in·lbf}**

## 3. INSTALL ECM



(1) Install the ECM to the engine mounting insulator LH with the 2 nuts.

### Torque:

**8.0 N·m {82 kgf·cm, 71 in·lbf}**

### NOTICE:

If the ECM has been struck or dropped, replace it.

- (2) Engage the 2 clamps.
- (3) Connect the 2 ECM connectors and lower the 2 lock levers.

### NOTICE:

- When connecting the ECM connectors, make sure that dirt, water or other foreign matter does not contact the connecting parts of the ECM connectors.
- Be sure to securely connect the ECM connectors.

## 4. CONNECT CABLE TO NEGATIVE AUXILIARY BATTERY TERMINAL

Click here [INFO](#)

## 5. INSTALL BATTERY SERVICE HOLE COVER ASSEMBLY



Click here [INFO](#)

## 6. VEHICLE IDENTIFICATION NUMBER (VIN) REGISTRATION

Click here [INFO](#)

## 7. ECU CONFIGURATION

Click here [INFO](#)

## 8. UPDATE ECU SECURITY KEY

Click here [INFO](#)

## 9. INITIALIZATION AFTER RECONNECTING AUXILIARY BATTERY TERMINAL

### HINT:

When disconnecting and reconnecting the auxiliary battery, there is an automatic learning function that completes learning when the respective system is used.

Click here [INFO](#)

