

Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM100000029ZXF
Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: M20A-FXS (FUEL): FUEL PRESSURE SENSOR (for High Pressure): INSTALLATION; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

INSTALLATION

CAUTION / NOTICE / HINT

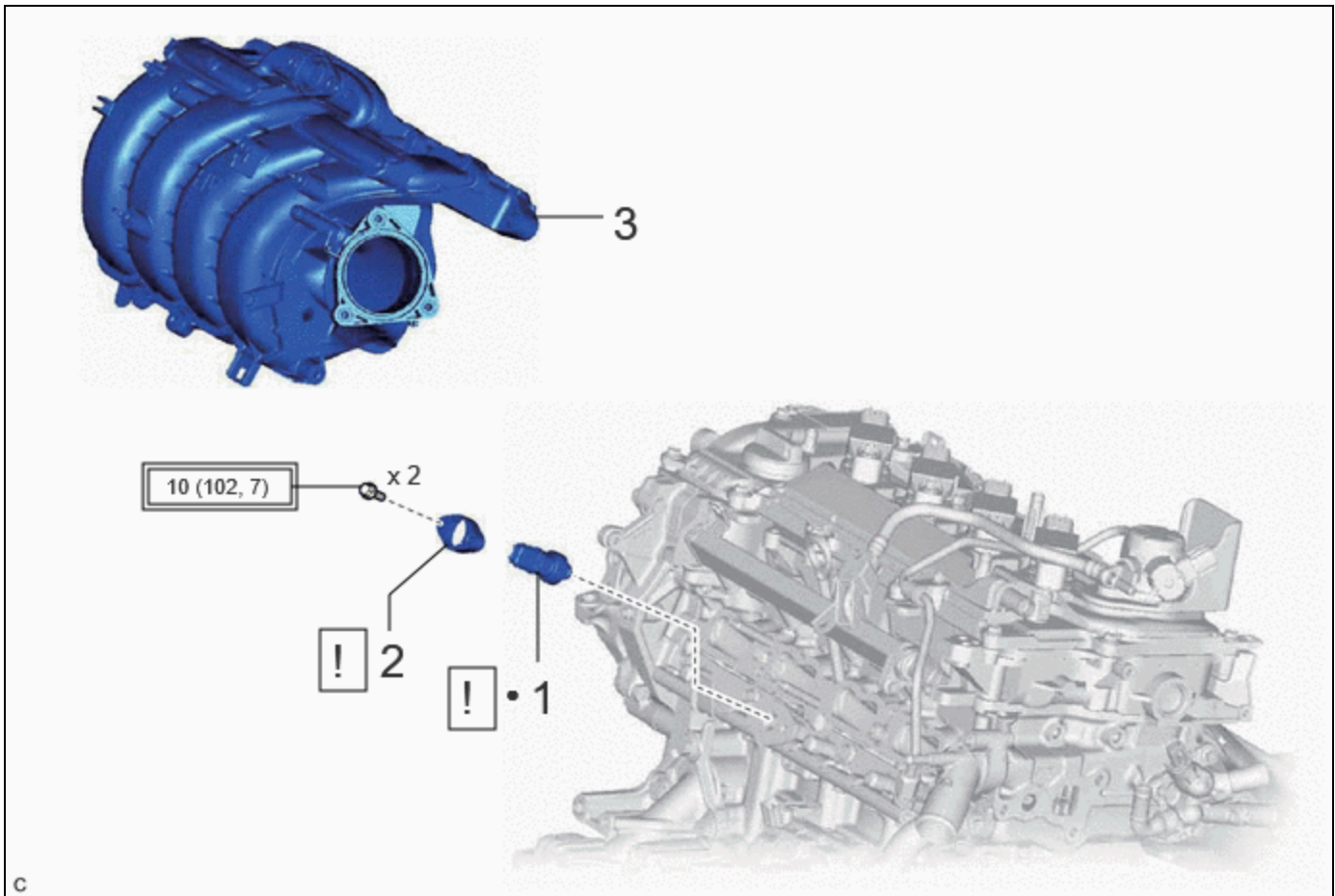
NOTICE:

This procedure includes the installation of small-head bolts. Refer to Small-Head Bolts of Basic Repair Hint to identify the small-head bolts.





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CAUTION / NOTICE / HINT

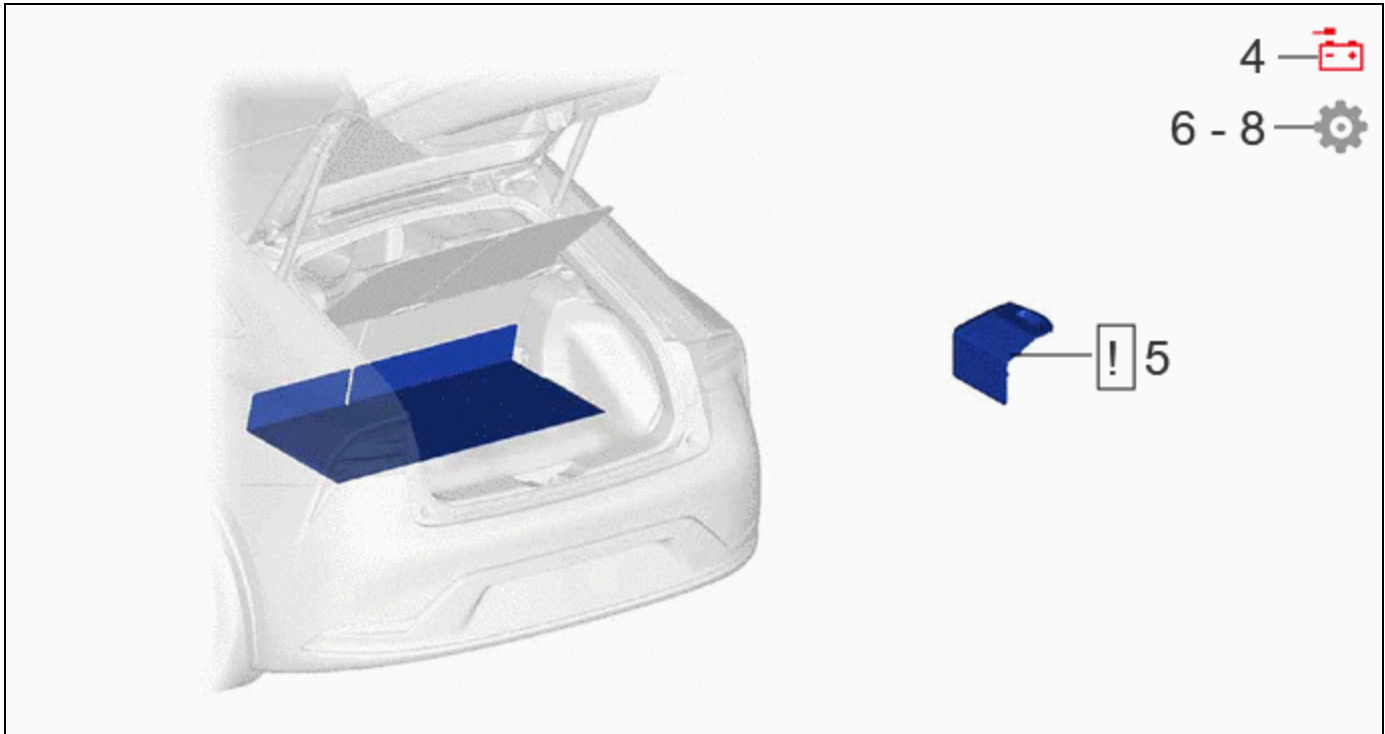
COMPONENTS (INSTALLATION)










PROCEDURE		PART NAME CODE			
1	FUEL PRESSURE SENSOR	89458	INFO	-	-

	PROCEDURE	PART NAME CODE			
2	NO. 1 FUEL PRESSURE SENSOR HOLDER	23851		-	-
3	INTAKE MANIFOLD	17111	-	-	-

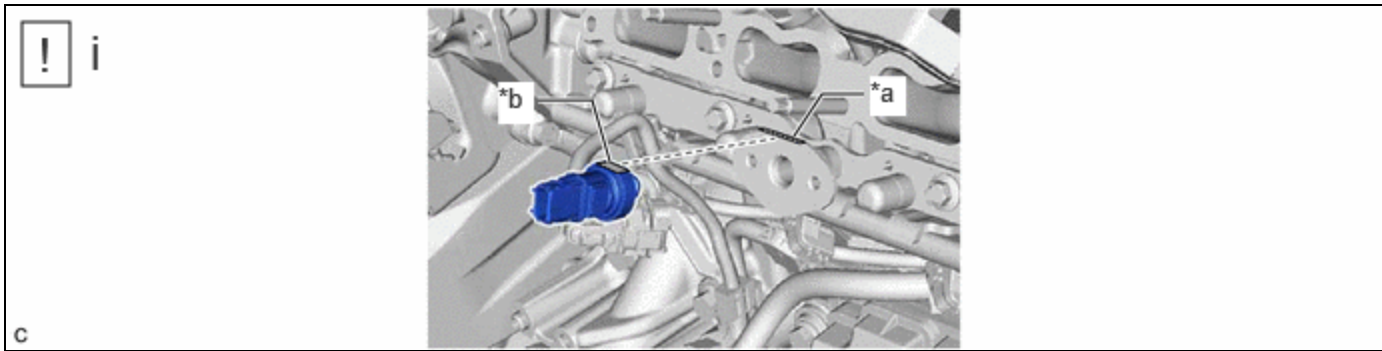
	Tightening torque for "Major areas involving basic vehicle performance such as moving/turning/stopping": N*m (kgf*cm, ft.*lbf)	<ul style="list-style-type: none"> • Non-reusable part
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	PROCEDURE	PART NAME CODE			
4	CONNECT CABLE TO NEGATIVE AUXILIARY BATTERY TERMINAL	-	-	-	-
5	BATTERY SERVICE HOLE COVER ASSEMBLY	58440		-	-
6	INSPECT FOR FUEL LEAK	-	-	-	
7	PERFORM INITIALIZATION	-	-	-	
8	INITIALIZATION AFTER RECONNECTING AUXILIARY BATTERY TERMINAL	-	-	-	

PROCEDURE

1. INSTALL FUEL PRESSURE SENSOR



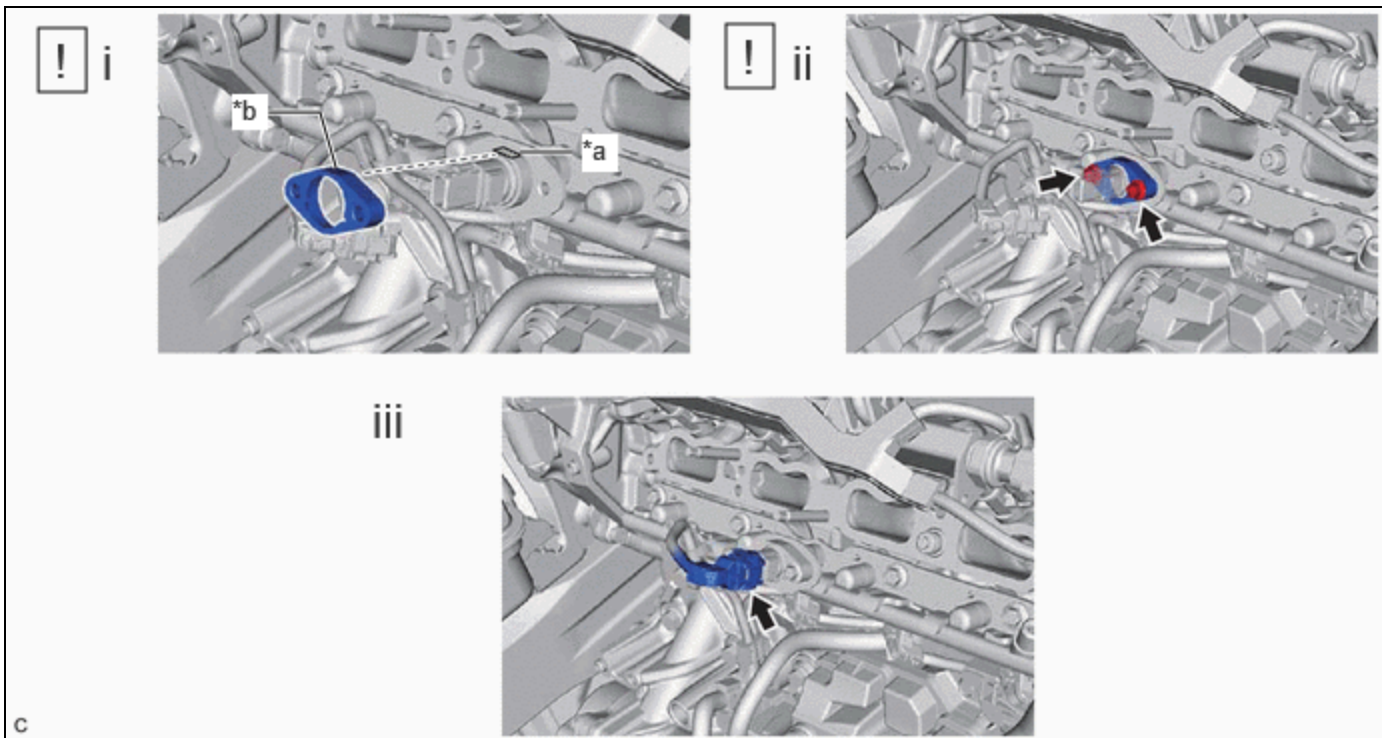
*a	Cutout (Fuel Delivery Pipe)	*b	Cutout (Fuel Pressure Sensor)
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(1) Install a new fuel pressure sensor to the fuel delivery pipe as shown in the illustration.

NOTICE:

Make sure that the cutout of the fuel pressure sensor is aligned with the cutout of the fuel delivery pipe.

2. INSTALL NO. 1 FUEL PRESSURE SENSOR HOLDER



*a	Cutout (Fuel Pressure Sensor)	*b	Cutout (No. 1 Fuel Pressure Sensor Holder)
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(1) Temporarily install the No. 1 fuel pressure sensor holder to the fuel delivery pipe as shown in the illustration.

NOTICE:

Make sure that the cutout of the No. 1 fuel pressure sensor holder is aligned with the cutout of the fuel pressure sensor.

(2) Using an 8 mm socket wrench, install the 2 bolts.

Torque:

10 N·m {102 kgf·cm, 7 ft·lbf}

(3) Connect the fuel pressure sensor connector.


3. INSTALL INTAKE MANIFOLD

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4. CONNECT CABLE TO NEGATIVE AUXILIARY BATTERY TERMINAL

Click here [INFO](#)

5. INSTALL BATTERY SERVICE HOLE COVER ASSEMBLY

	Click here INFO
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6. INSPECT FOR FUEL LEAK

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7. PERFORM INITIALIZATION

(a) Perform "Inspection After Repair" after replacing the fuel pressure sensor.

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8. 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.

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