

Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM10000002B00I
Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [03/2023 -]
Title: M20A-FXS (EMISSION CONTROL): FUEL TANK PRESSURE SENSOR (for PHEV Model): REMOVAL; 2023 - 2024 MY Prius Prime [03/2023 -]		

REMOVAL

CAUTION / NOTICE / HINT

The necessary procedures (adjustment, calibration, initialization or registration) that must be performed after parts are removed and installed, or replaced during fuel tank pressure sensor (vapor pressure sensor) removal/installation are shown below.

CAUTION / NOTICE / HINT

NOTICE:

After turning the power switch off, waiting time may be required before disconnecting the cable from the negative (-) auxiliary battery terminal.

Click here [INFO](#)

HINT:

When the cable is disconnected/reconnected to the auxiliary battery terminal, systems temporarily stop operating. However, each system has a function that completes learning the first time the system is used.

Items for which learning is completed by driving the vehicle

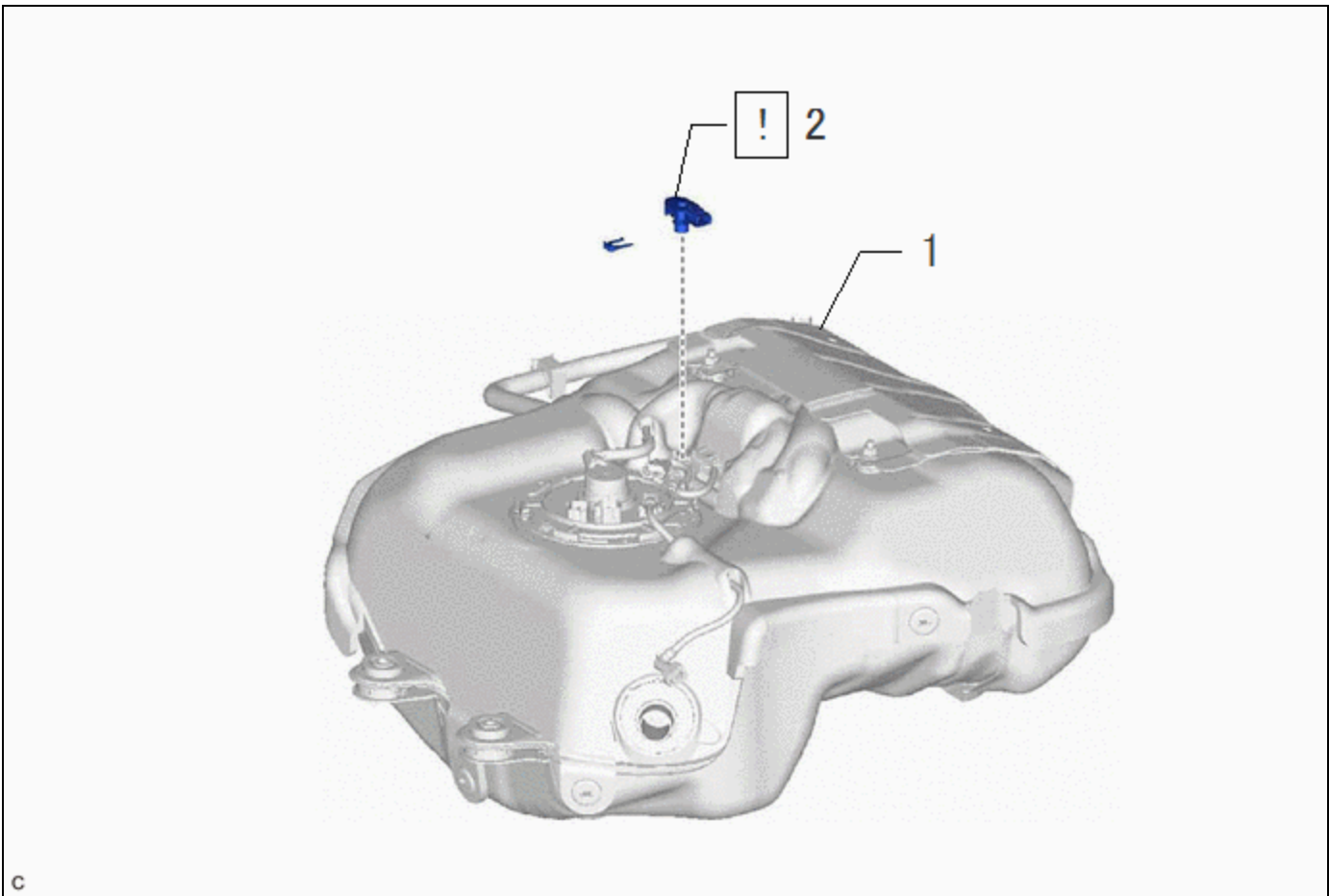
EFFECT/INOPERATIVE FUNCTION WHEN NECESSARY PROCEDURES ARE NOT PERFORMED	NECESSARY PROCEDURES	LINK
Front Camera System	Drive the vehicle straight ahead at 35 km/h (22 mph) or more for 5 second or more.	INFO

Items for which learning is completed by operating the vehicle normally

EFFECT/INOPERATIVE FUNCTION WHEN NECESSARY PROCEDURES ARE NOT PERFORMED	NECESSARY PROCEDURES	LINK
Power Door Lock Control System*1 ◦ Back door opener	Perform door unlock operation with door control switch or electrical key transmitter sub-assembly switch.	INFO
Power Back Door System*2	Reset back door close position	INFO
Air Conditioning System	After the ignition switch is turned to ON, the servo motor standard position is recognized.	-
*1: w/o Power Back Door System *2: w/ Power Back Door System		

CAUTION / NOTICE / HINT

COMPONENTS (REMOVAL)



PROCEDURE		PART NAME CODE			
1	FUEL TANK SUB-ASSEMBLY	77100U	-	-	-
2	FUEL TANK PRESSURE SENSOR (VAPOR PRESSURE SENSOR)	89461	INFO	-	-

PROCEDURE

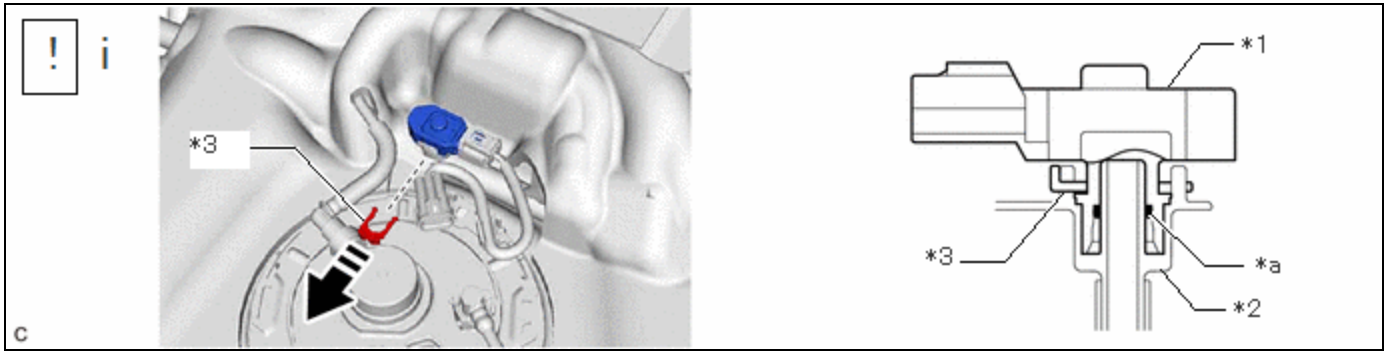
1. REMOVE FUEL TANK SUB-ASSEMBLY

Click here [INFO](#)

2. REMOVE FUEL TANK PRESSURE SENSOR (VAPOR PRESSURE SENSOR)

	<p>NOTICE:</p> <ul style="list-style-type: none"> Remove any dirt or foreign matter on the fuel tank pressure sensor (vapor pressure sensor) before performing this work. Do not allow any scratches or foreign matter to get on the parts when disconnecting them as the fuel tank pressure sensor (vapor pressure sensor) has an O-ring that seals the fuel suction plate sub-assembly. Perform this work by hand. Do not use any tools. If the fuel suction plate sub-assembly and fuel tank pressure sensor (vapor pressure sensor) are stuck, carefully wiggle or push and pull the fuel tank pressure sensor (vapor pressure sensor) to
--	--

release it. Pull the fuel tank pressure sensor (vapor pressure sensor) off the fuel suction plate sub-assembly carefully.



*1	Fuel Tank Pressure Sensor (Vapor Pressure Sensor)	*2	Fuel Suction Plate Sub-assembly
*3	Tube Joint Clip	-	-
*a	O-ring	-	-

(1) Remove the tube joint clip and pull off the fuel tank pressure sensor (vapor pressure sensor) from the fuel suction plate sub-assembly.

