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Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: FRONT SUSPENSION: FRONT LOWER SUSPENSION ARM (for M20A-FXS): REMOVAL; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

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 front lower No. 1 suspension arm sub-assembly removal/installation are shown below.

Necessary Procedures After Parts Removed/Installed/Replaced

REPLACED PART OR PERFORMED PROCEDURE	NECESSARY PROCEDURE	EFFECT/INOPERATIVE FUNCTION WHEN NECESSARY PROCEDURE NOT PERFORMED	LINK
Front wheel alignment adjustment	Perform "Calibration"	<ul style="list-style-type: none"> • DTCs are stored • ABS warning light illuminates • Brake system warning light (yellow indicator) illuminates • Slip indicator light illuminates • Electronically controlled brake system disabled or malfunctions 	INFO
Suspension parts	Rear television camera assembly optical axis (Back camera position setting)	Parking Assist Monitor System	INFO
	Parking assist ECU initialization	Panoramic View Monitor System	INFO
		Advanced Park	INFO
Tires	<ul style="list-style-type: none"> • Initialization*1*2 • Tire Position Identification*1*2 	Tire Pressure Warning System	Refer to Procedures Necessary When Replacing Parts (for Tire Pressure Warning System) INFO

*1: Also necessary after performing a tire rotation.

*2: It is not necessary to perform this procedure if the tire pressure warning valve and transmitters are installed to the same location.

*3: The vehicle height changes because of tire replacement.

REPLACED PART OR PERFORMED PROCEDURE	NECESSARY PROCEDURE	EFFECT/INOPERATIVE FUNCTION WHEN NECESSARY PROCEDURE NOT PERFORMED	LINK
	Rear television camera assembly optical axis (Back camera position setting)	Parking Assist Monitor System	INFO
	Parking assist ECU initialization*3	Panoramic View Monitor System	INFO
		Advanced Park	INFO

*1: Also necessary after performing a tire rotation.

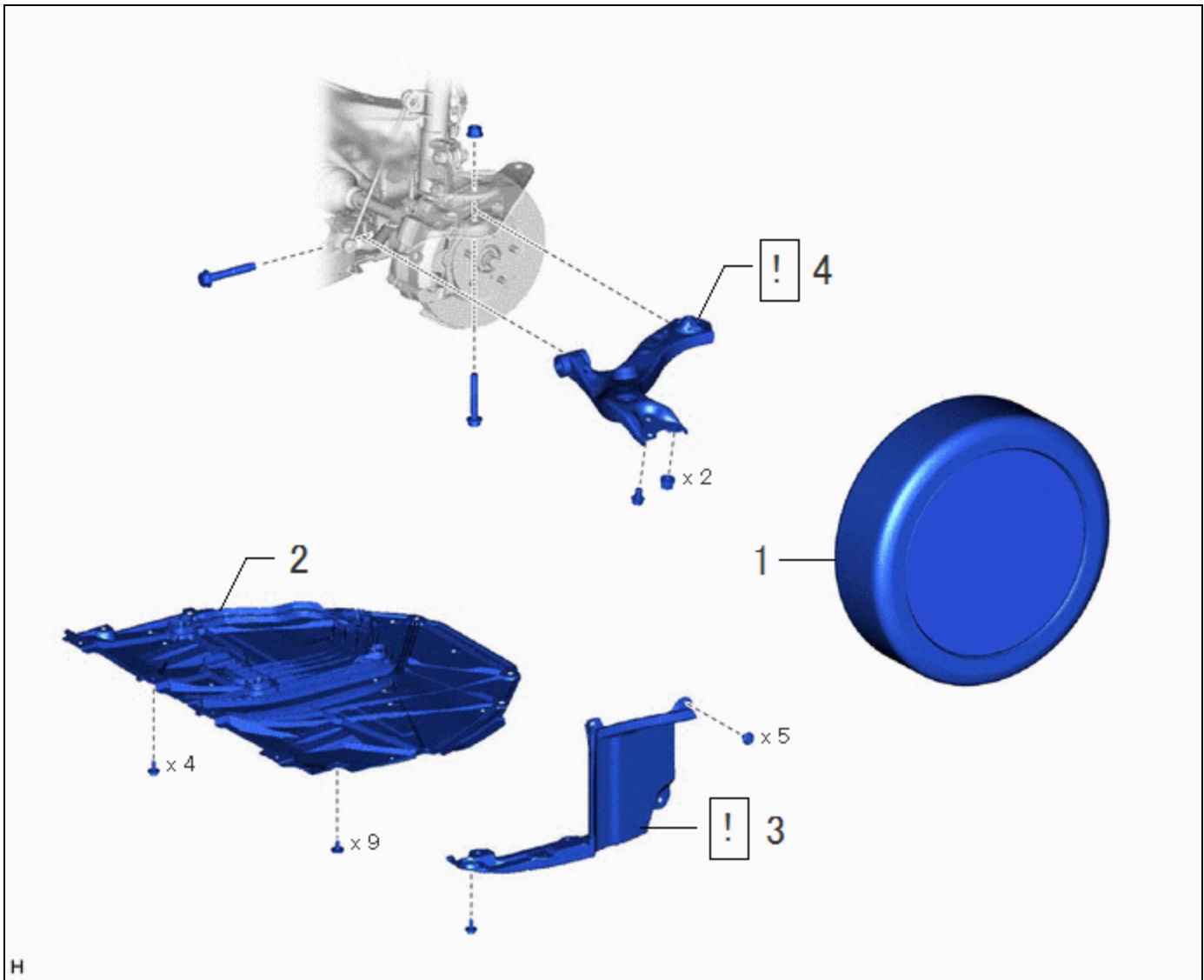
*2: It is not necessary to perform this procedure if the tire pressure warning valve and transmitters are installed to the same location.

*3: The vehicle height changes because of tire replacement.

HINT:

- Use the same procedure for the RH side and LH side.
- The following procedure is for the LH side.

CAUTION / NOTICE / HINT**COMPONENTS (REMOVAL)**



PROCEDURE		PART NAME CODE			
1	FRONT WHEEL	-	-	-	-
2	NO. 1 ENGINE UNDER COVER ASSEMBLY	51410	-	-	-
3	REAR ENGINE UNDER COVER LH	51444A	INFO	-	-
4	FRONT LOWER NO. 1 SUSPENSION ARM SUB-ASSEMBLY	48069	INFO	-	-

PROCEDURE

1. REMOVE FRONT WHEEL

Click here [INFO](#)

2. REMOVE NO. 1 ENGINE UNDER COVER ASSEMBLY

Click here [INFO](#)

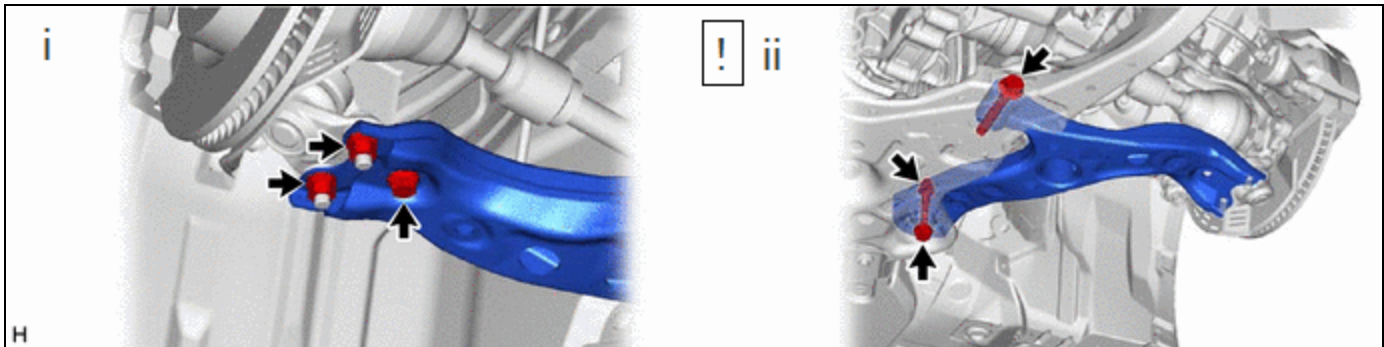
3. REMOVE REAR ENGINE UNDER COVER LH



- Use the same procedure as for the RH side.

Click here [INFO](#)

4. REMOVE FRONT LOWER NO. 1 SUSPENSION ARM SUB-ASSEMBLY



- (1) Remove the bolt and 2 nuts and separate the front lower No. 1 suspension arm sub-assembly from the front lower ball joint assembly.
- (2) Remove the 2 bolts, nut and front lower No. 1 suspension arm sub-assembly from the front suspension crossmember sub-assembly.

NOTICE:

Because the nut has its own stopper, do not turn the nut. Loosen the bolt with the nut secured.

