

Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM100000029PNQ
Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: FRONT SUSPENSION: FRONT LOWER SUSPENSION ARM (for M20A-FXS): INSTALLATION; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

INSTALLATION

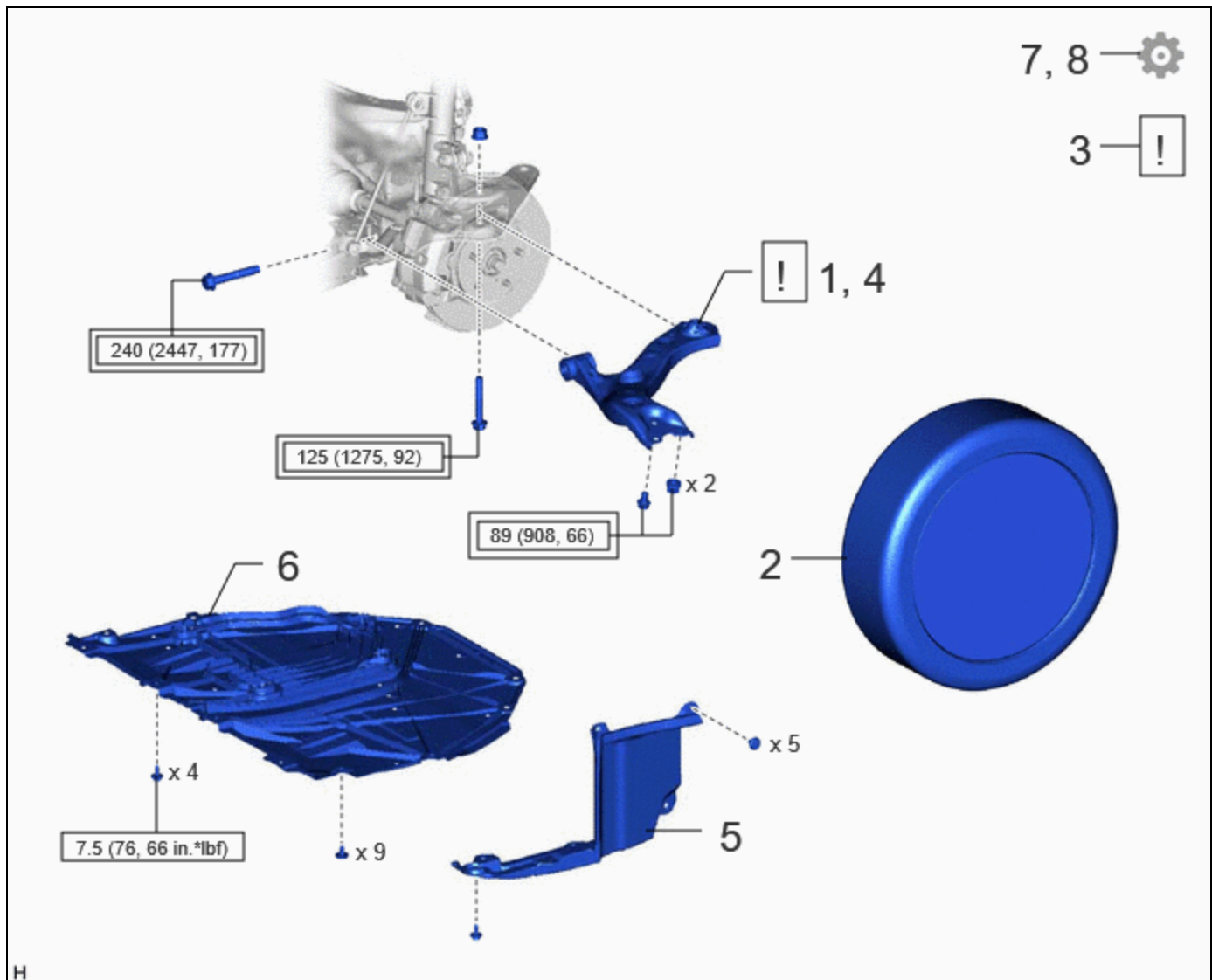
CAUTION / NOTICE / HINT

HINT:




- Use the same procedure for the RH side and LH side.
- The following procedure is for the LH side.
- This procedure is for the LH side. If it is not specified, perform the same procedure as for the LH side.



CAUTION / NOTICE / HINT

COMPONENTS (INSTALLATION)



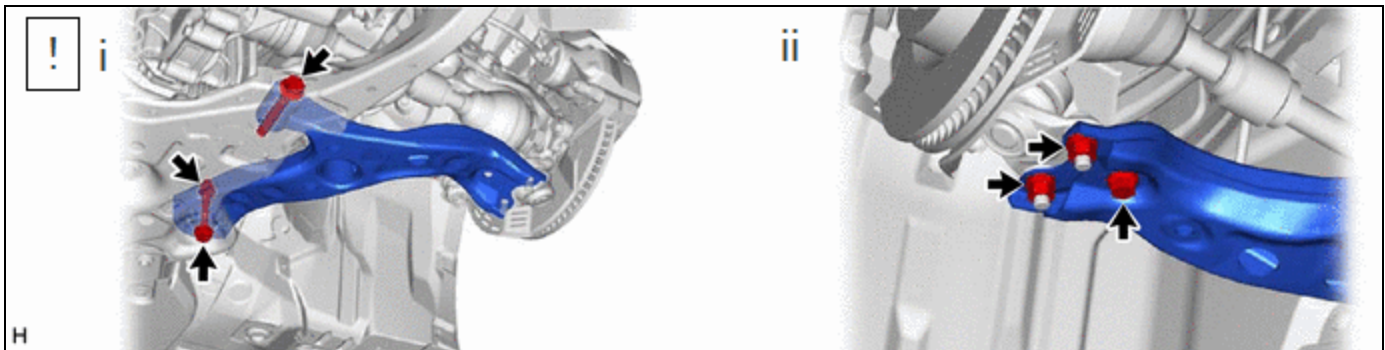
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	PROCEDURE	PART NAME CODE			
1	TEMPORARILY INSTALL FRONT LOWER NO. 1 SUSPENSION ARM SUB-ASSEMBLY	48069	INFO	-	-
2	FRONT WHEEL	-	-	-	-
3	STABILIZE SUSPENSION	-	INFO	-	-
4	FULLY TIGHTEN FRONT LOWER NO. 1 SUSPENSION ARM SUB-ASSEMBLY	48069	INFO	-	-
5	REAR ENGINE UNDER COVER LH	51444A	-	-	-
6	NO. 1 ENGINE UNDER COVER ASSEMBLY	51410	-	-	-
7	INSPECT AND ADJUST FRONT WHEEL ALIGNMENT	-	-	-	INFO
8	PERFORM INITIALIZATION	-	-	-	INFO

	Tightening torque for "Major areas involving basic vehicle performance such as moving/turning/stopping" : N*m (kgf*cm, ft.*lbf)		N*m (kgf*cm, ft.*lbf): Specified torque
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PROCEDURE

1. TEMPORARILY INSTALL FRONT LOWER NO. 1 SUSPENSION ARM SUB-ASSEMBLY



(1) Temporarily install the front lower No. 1 suspension arm sub-assembly to the front suspension crossmember sub-assembly with the 2 bolts and nut.

NOTICE:

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

(2) Connect the front lower No. 1 suspension arm sub-assembly to the front lower ball joint assembly with the bolt and 2 nuts.

Torque:

89 N·m {908 kgf·cm, 66 ft·lbf}


2. INSTALL FRONT WHEEL

Click here [INFO](#)

3. STABILIZE SUSPENSION

	Click here INFO
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4. FULLY TIGHTEN FRONT LOWER NO. 1 SUSPENSION ARM SUB-ASSEMBLY

	for LH Side: Click here INFO for RH Side: Click here INFO
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5. INSTALL REAR ENGINE UNDER COVER LH

6. INSTALL NO. 1 ENGINE UNDER COVER ASSEMBLY

Click here [INFO](#)

7. INSPECT AND ADJUST FRONT WHEEL ALIGNMENT

Click here [INFO](#)

8. PERFORM INITIALIZATION

Parking Assist Monitor System	INFO
Panoramic View Monitor System	INFO
Advanced Park	INFO

