

Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM100000002B04Y
Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [03/2023 -]
Title: M20A-FXS (LUBRICATION): OIL PAN AND OIL LEVEL SENSOR: INSTALLATION; 2023 - 2024 MY Prius Prius Prime [03/2023 -]		

INSTALLATION

CAUTION / NOTICE / HINT

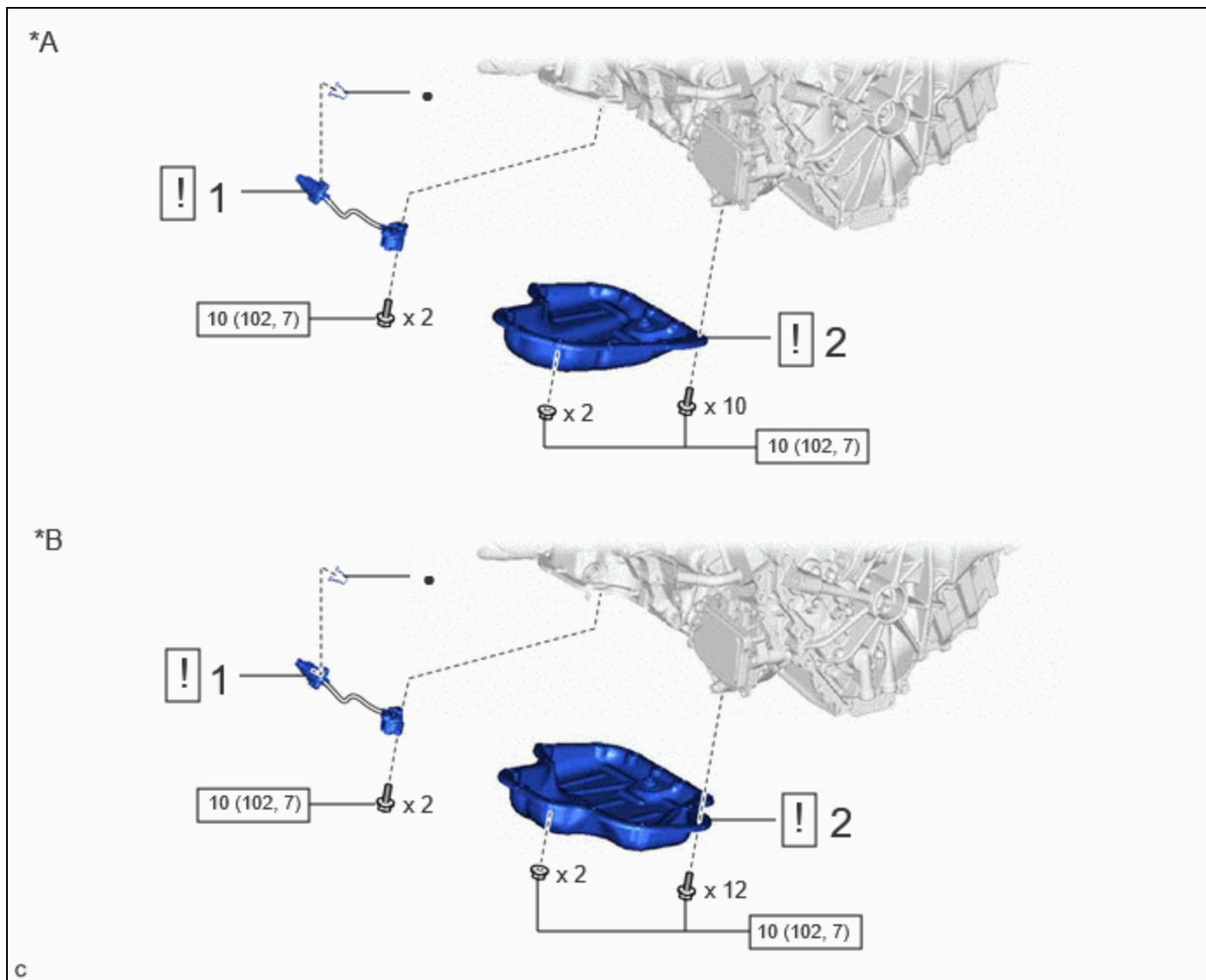
NOTICE:




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


Click here [INFO](#)

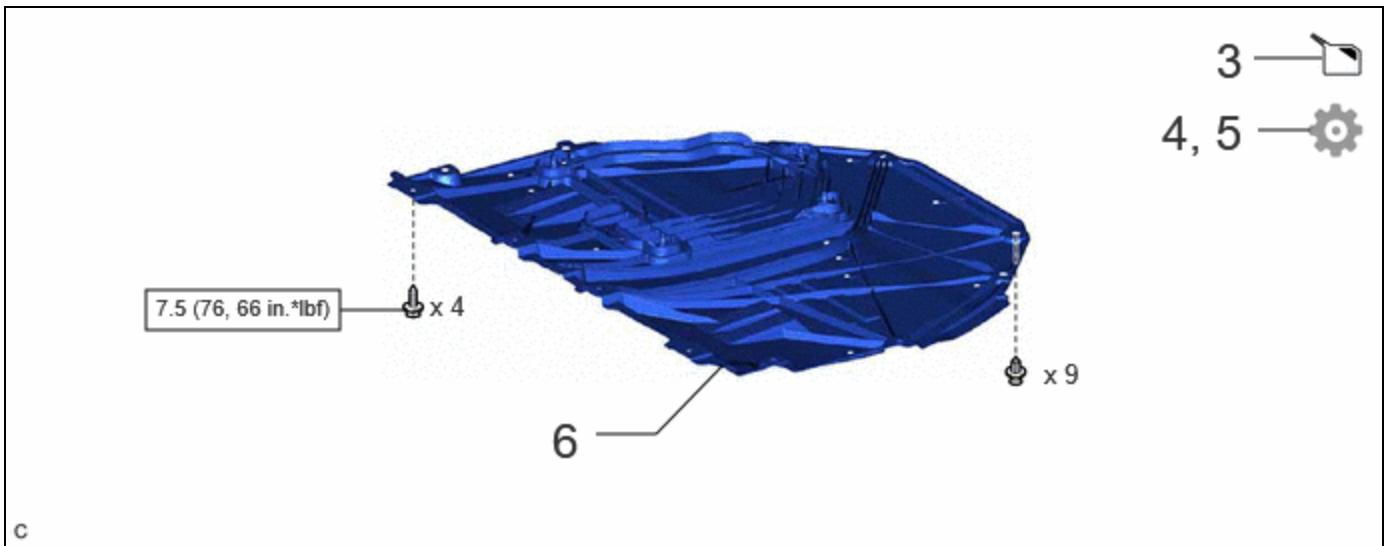
CAUTION / NOTICE / HINT




COMPONENTS (INSTALLATION)




PROCEDURE		PART NAME CODE			
1	ENGINE OIL LEVEL SENSOR	89491	INFO	-	-
2	OIL PAN SUB-ASSEMBLY	12101	INFO	-	-

*A	for HEV Model	*B	for PHEV Model
	N*m (kgf*cm, ft.*lbf): Specified torque	<ul style="list-style-type: none">•	Non-reusable part



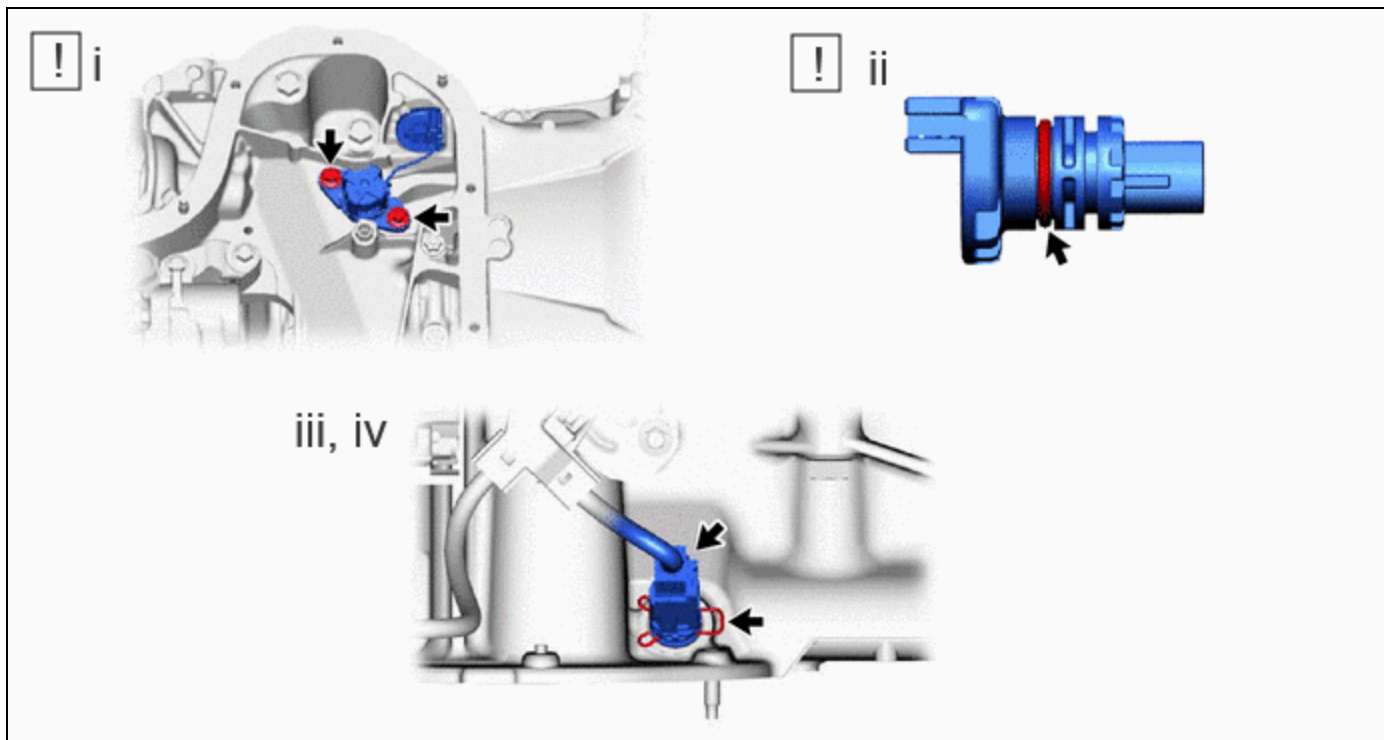
PROCEDURE		PART NAME CODE			
3	ADD ENGINE OIL	-	-	INFO	-
4	INSPECT FOR ENGINE OIL LEAK	-	-	-	INFO
5	CHECK ENGINE OIL LEVEL	-	-	-	INFO
6	NO. 1 ENGINE UNDER COVER ASSEMBLY	51410	-	-	-

	N*m (kgf*cm, ft.*lbf): Specified torque	-	-
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PROCEDURE

1. INSTALL ENGINE OIL LEVEL SENSOR

(a) for HEV Model:



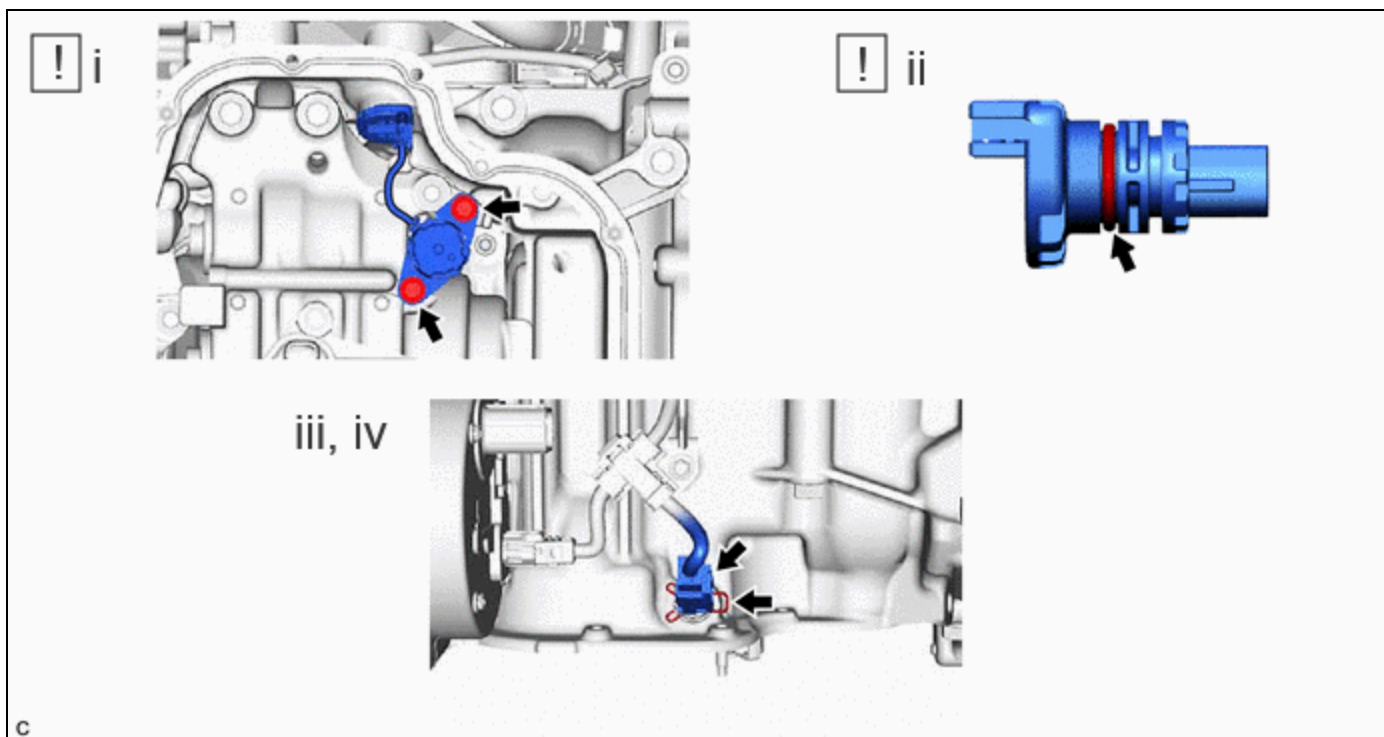
- (1) Using an 8 mm socket wrench, install the engine oil level sensor to the stiffening crankcase assembly with the 2 bolts.

Torque:

10 N·m {102 kgf·cm, 7 ft·lbf}

- (2) Apply a small amount of engine oil to the O-ring of the engine oil level sensor.
 (3) Install a new clip to the engine oil level sensor.
 (4) Connect the engine oil level sensor connector.

(b) for PHEV Model:



- (1) Using an 8 mm socket wrench, install the engine oil level sensor to the engine balancer assembly with the 2 bolts.

Torque:**10 N·m {102 kgf·cm, 7 ft·lbf}**

- (2) Apply a small amount of engine oil to the O-ring of the engine oil level sensor.
- (3) Install a new clip to the engine oil level sensor.
- (4) Connect the engine oil level sensor connector.

2. INSTALL OIL PAN SUB-ASSEMBLY

for HEV Model:

Click here [INFO](#)

for PHEV Model:

Click here [INFO](#)**3. ADD ENGINE OIL**Click here [INFO](#)**4. INSPECT FOR ENGINE OIL LEAK**Click here [INFO](#)**5. CHECK ENGINE OIL LEVEL**Click here [INFO](#)**6. INSTALL NO. 1 ENGINE UNDER COVER ASSEMBLY**Click here [INFO](#)