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Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: M20A-FXS (ENGINE CONTROL): CRANKSHAFT POSITION SENSOR: REMOVAL; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

REMOVAL

CAUTION / NOTICE / HINT

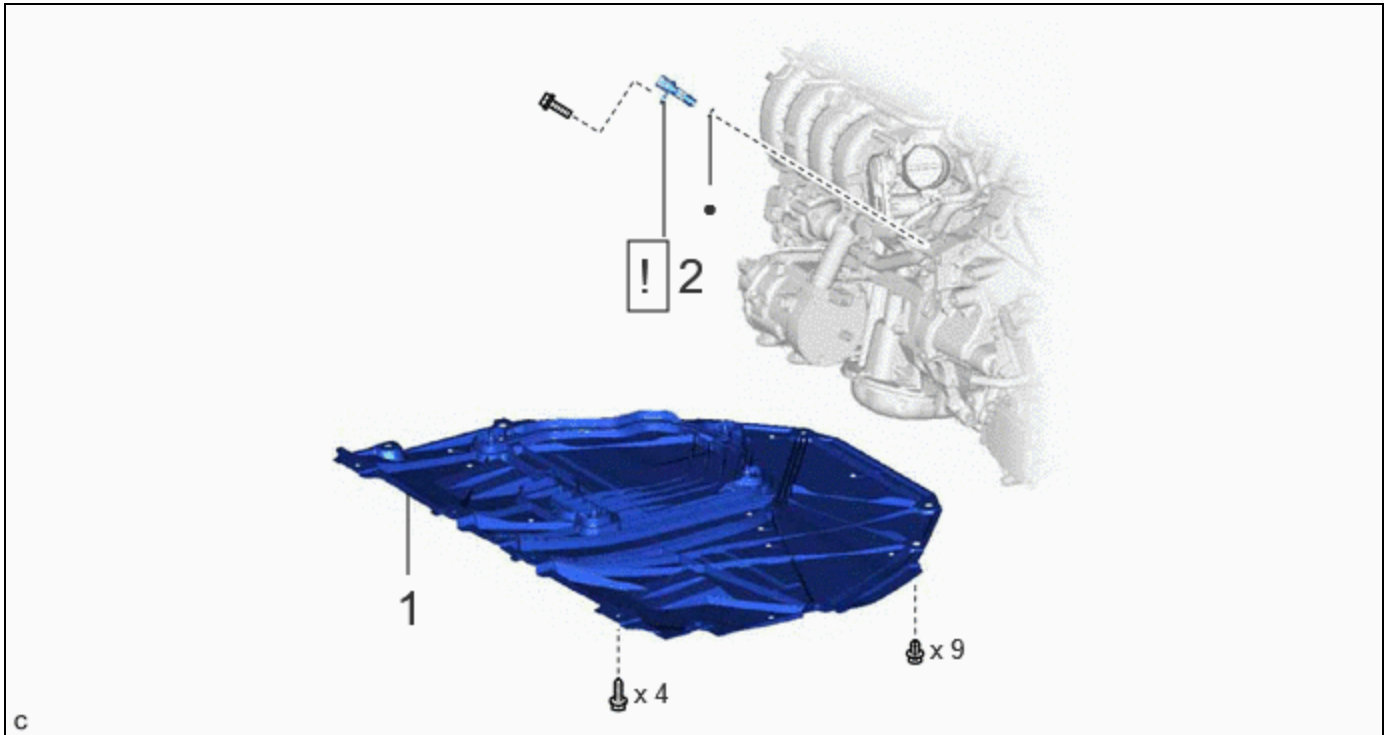
NOTICE:

This procedure includes the removal 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 (REMOVAL)



	PROCEDURE	PART NAME CODE			
1	NO. 1 ENGINE UNDER COVER ASSEMBLY	51410	-	-	-
2	CRANKSHAFT POSITION SENSOR	11401G	INFO	-	-

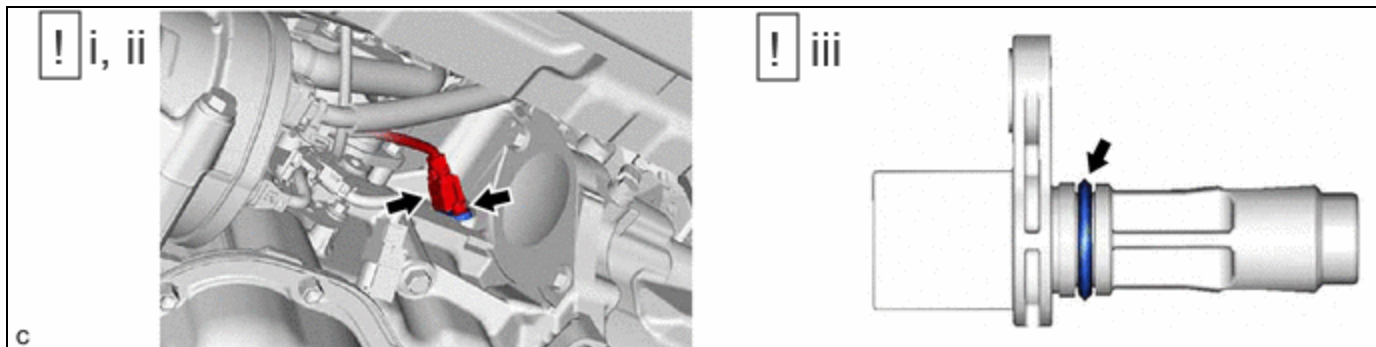
•	Non-reusable part	-	-
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PROCEDURE

1. REMOVE NO. 1 ENGINE UNDER COVER ASSEMBLY

Click here [INFO](#)

2. REMOVE CRANKSHAFT POSITION SENSOR



- (1) Disconnect the crankshaft position sensor connector.
- (2) Using an 8 mm socket wrench, remove the bolt and crankshaft position sensor from the cylinder block sub-assembly.

NOTICE:

If the crankshaft position sensor has been struck or dropped, replace it.

- (3) Perform this procedure only when reusing the crankshaft position sensor.
 1. Remove the O-ring from the crankshaft position sensor.

NOTICE:

- Make sure to only remove the O-ring with bare hands.
- When removing the O-ring, be careful not to damage the O-ring groove of the crankshaft position sensor.
- If the O-ring groove of the crankshaft position sensor is damaged, replace the crankshaft position sensor with a new one.

