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

REMOVAL

CAUTION / NOTICE / HINT

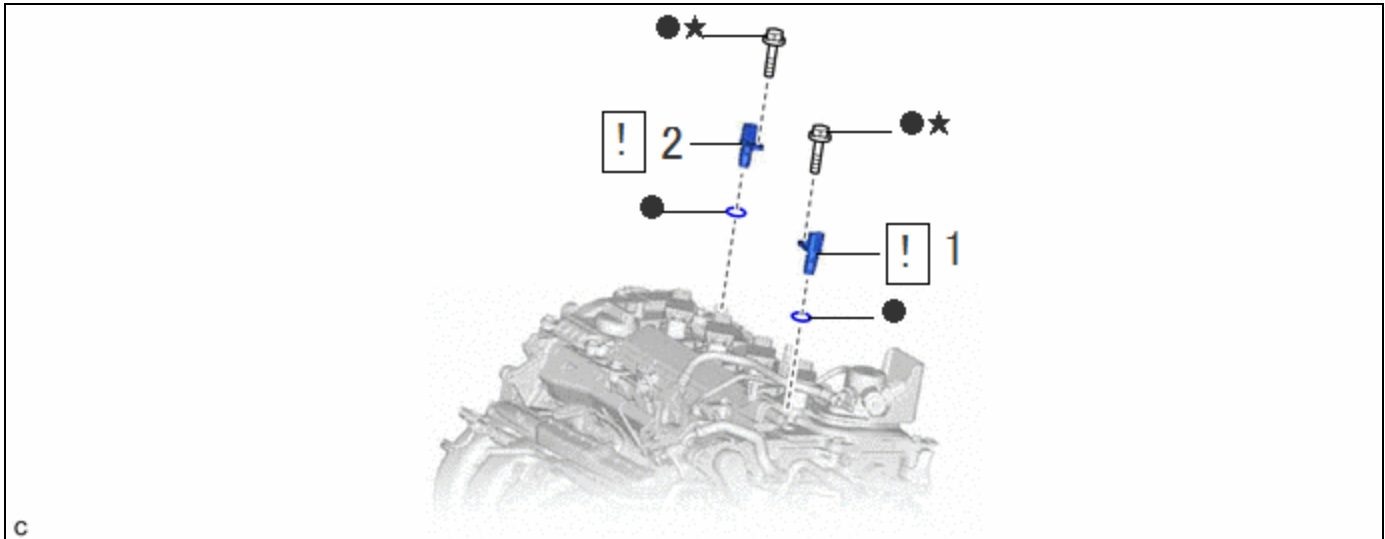
NOTICE:

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)

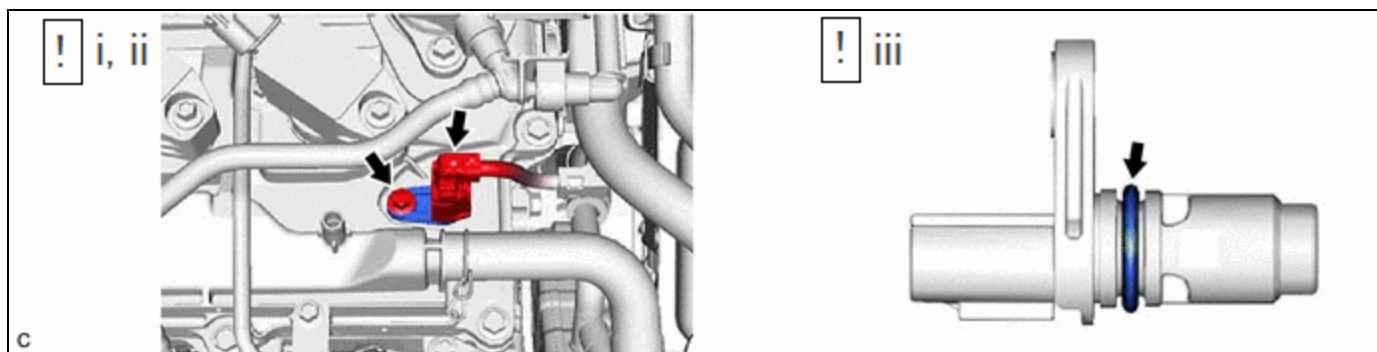


	PROCEDURE	PART NAME CODE			
1	CAMSHAFT POSITION SENSOR (for Intake Side)	11102A	INFO	-	-
2	CAMSHAFT POSITION SENSOR (for Exhaust Side)	11102A	INFO	-	-

•	Non-reusable part	★	Precoated part
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PROCEDURE

1. REMOVE CAMSHAFT POSITION SENSOR (for Intake Side)



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

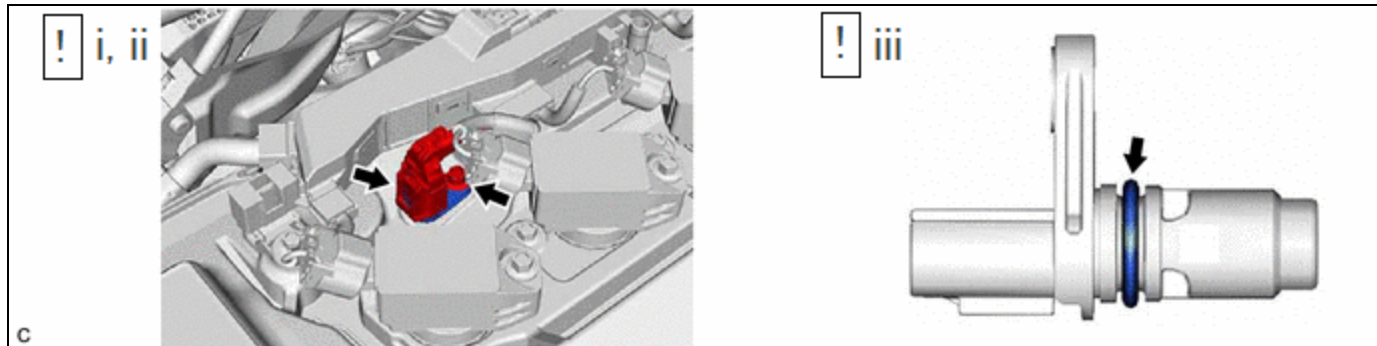
NOTICE:

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

- (3) Perform this procedure only when reusing the camshaft position sensor.
 1. Remove the O-ring from the camshaft 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 camshaft position sensor.
- If the O-ring groove of the camshaft position sensor is damaged, replace the camshaft position sensor with a new one.

2. REMOVE CAMSHAFT POSITION SENSOR (for Exhaust Side)

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

NOTICE:

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

- (3) Perform this procedure only when reusing the camshaft position sensor.
 1. Remove the O-ring from the camshaft 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 camshaft position sensor.
- If the O-ring groove of the camshaft position sensor is damaged, replace the camshaft position sensor with a new one.

