

Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM10000002ALBM
Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [03/2023 -]
Title: M20A-FXS (ENGINE CONTROL): CAMSHAFT OIL CONTROL SOLENOID: REMOVAL; 2023 - 2024 MY Prius Prius Prime [03/2023 -]		

REMOVAL

CAUTION / NOTICE / HINT

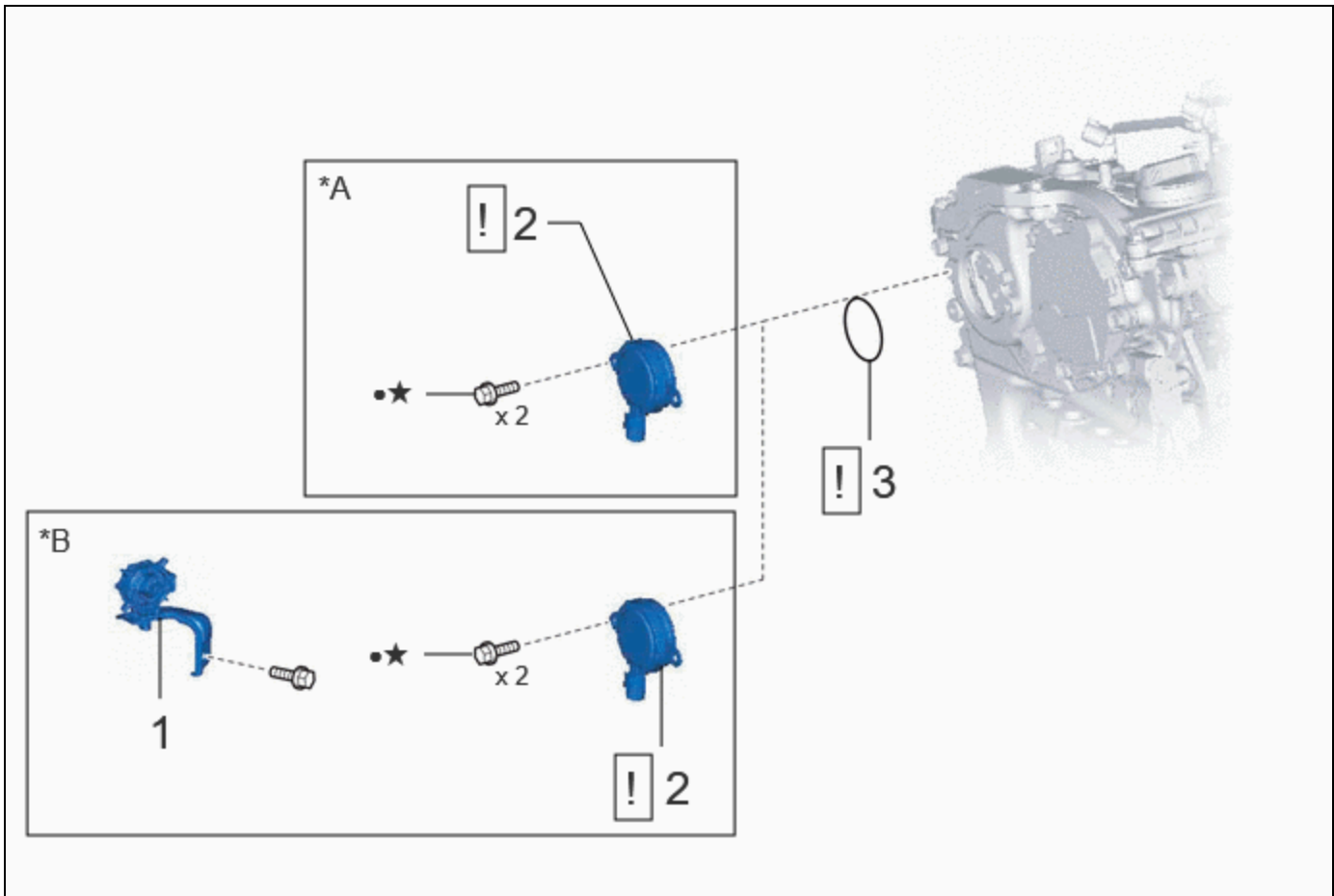
NOTICE:

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)



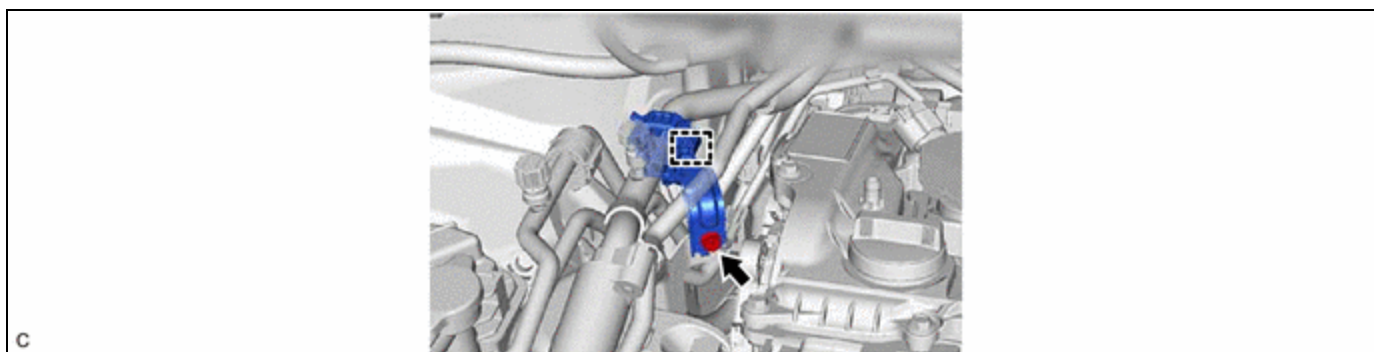
PROCEDURE		PART NAME CODE			
1	NO. 2 COOLER BRACKET	88689F	-	-	-

PROCEDURE		PART NAME CODE			
2	CAM TIMING OIL CONTROL SOLENOID ASSEMBLY	15370	INFO	-	-
3	CAM TIMING OIL CONTROL SOLENOID O-RING	15370A	INFO	-	-

*A	for HEV Model	*B	for PHEV Model
•	Non-reusable part	★	Precoated part

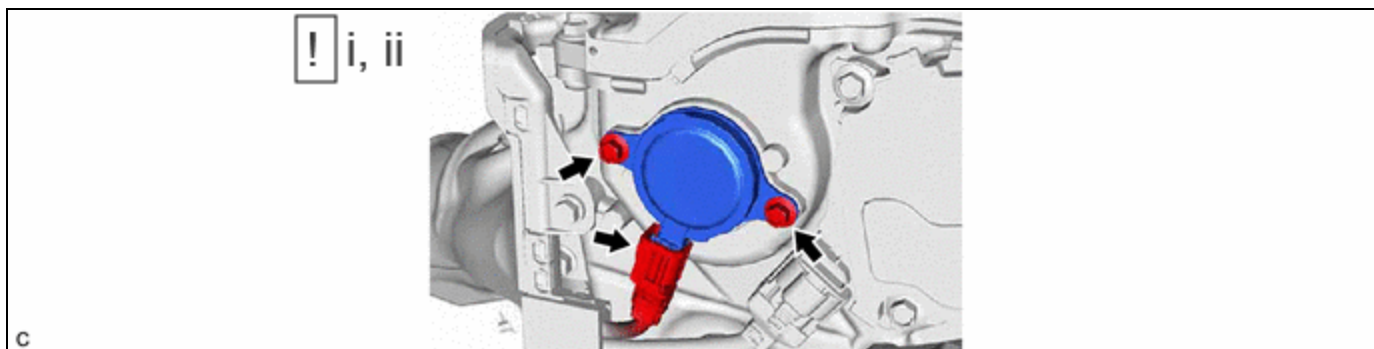
PROCEDURE

1. REMOVE NO. 2 COOLER BRACKET (for PHEV Model)



2. REMOVE CAM TIMING OIL CONTROL SOLENOID ASSEMBLY

(a) for HEV Model:

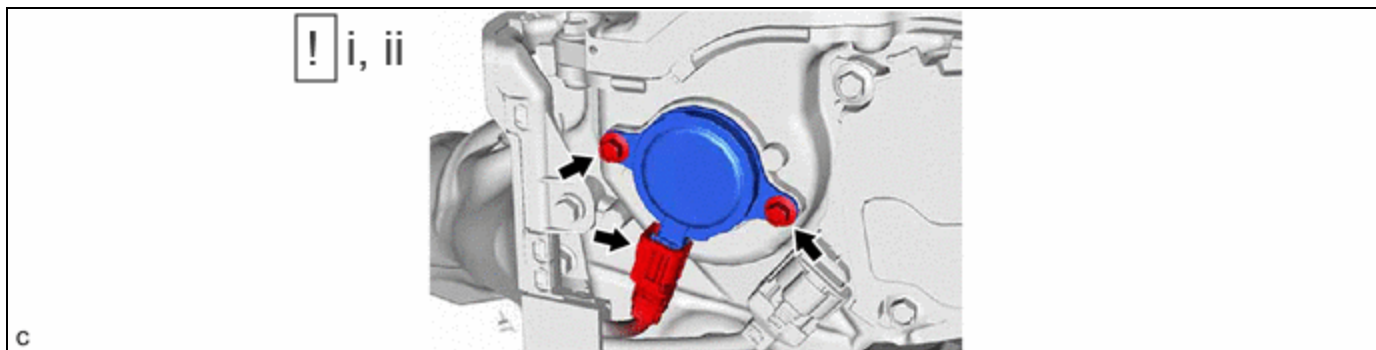


- (1) Disconnect the cam timing oil control solenoid assembly connector.
- (2) Using an 8 mm socket wrench, remove the 2 bolts and cam timing oil control solenoid assembly from the No. 2 timing chain cover assembly.

NOTICE:

If the cam timing oil control solenoid assembly has been struck or dropped, replace it.

(b) for PHEV Model:




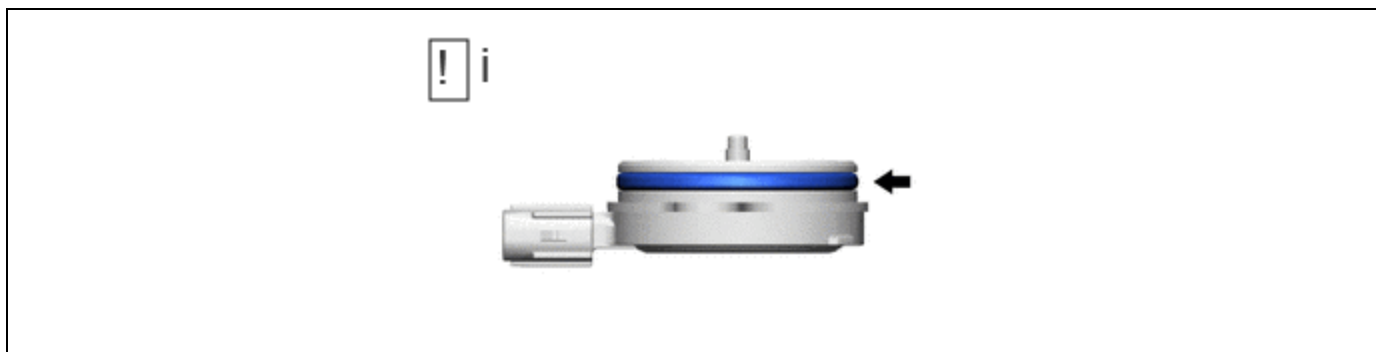
- (1) Disconnect the cam timing oil control solenoid assembly connector.
- (2) Using an 8 mm socket wrench and 8 x 10 mm offset long wrench, remove the 2 bolts and cam timing oil control solenoid assembly from the No. 2 timing chain cover assembly.

NOTICE:

If the cam timing oil control solenoid assembly has been struck or dropped, replace it.

3. REMOVE CAM TIMING OIL CONTROL SOLENOID O-RING

	<p>HINT: Perform this procedure only when replacement of the cam timing oil control solenoid O-ring is necessary.</p>
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- (1) Remove the cam timing oil control solenoid O-ring from the cam timing oil control solenoid assembly.

NOTICE:

- When removing the cam timing oil control solenoid O-ring, be careful not to damage the O-ring groove of the cam timing oil control solenoid assembly.
- If the O-ring groove of the cam timing oil control solenoid assembly is damaged, replace the cam timing oil control solenoid assembly with a new one.

