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Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: M20A-FXS (ENGINE CONTROL): CAMSHAFT OIL CONTROL SOLENOID: ON-VEHICLE INSPECTION; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

ON-VEHICLE INSPECTION

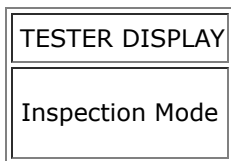
PROCEDURE

1. INSPECT CAM TIMING OIL CONTROL SOLENOID ASSEMBLY

Pre-procedure1

- (a) Put the engine in Inspection Mode (Maintenance Mode).

Powertrain > Hybrid Control > Utility

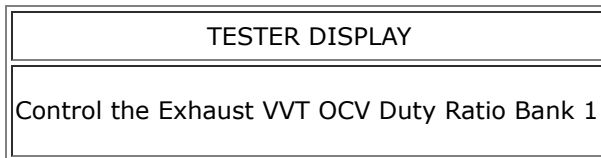


- (b) Start the engine.

Procedure1

- (c) According to the display on the GTS, perform the Active Test and check the engine speed while operating the cam timing oil control solenoid assembly.

Powertrain > Engine > Active Test



Standard Condition:

GTS OPERATION	ENGINE CONDITION
0%	Normal engine speed
100%	Engine idles roughly or stalls

HINT:

- Refer to "Data List / Active Test" [Exhaust VVT Hold Learn Value Bank 1, Exhaust VVT Change Angle Bank 1, Exhaust VVT OCV Control Duty Ratio Bank 1 and Exhaust VVT Target Angle Bank 1].

Click here 

- Test not possible with the shift lever in P during charge control. Move the shift lever to N to perform test.
- If the DTCs are stored after the Active Test, clear the DTCs.

If the result is not as specified, check the cam timing oil control solenoid assembly, wire harness and ECM.

Post-procedure1

- (d) None

