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Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: M20A-FXS (FUEL): FUEL PUMP (for High Pressure): ON-VEHICLE INSPECTION; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

ON-VEHICLE INSPECTION

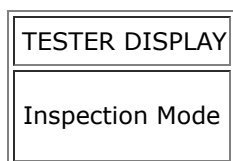
PROCEDURE

1. FUEL (ENGINE ROOM SIDE) PUMP ASSEMBLY OPERATION

(a) Check fuel pressure.

(1) Put the engine in Inspection Mode (Maintenance Mode).

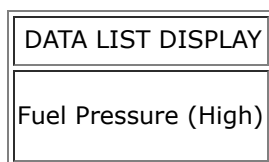
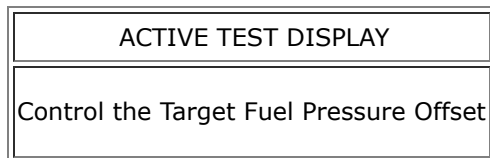
Powertrain > Hybrid Control > Utility



(2) Start the engine.

(3) Check that the fuel pressure fluctuates when the target fuel pressure changes.

Powertrain > Engine > Active Test



HINT:

The target fuel pressure operation decreases the target fuel pressure by 12.5% or increases the target fuel pressure by 24.8%.

If the result is not as specified, replace the fuel (engine room side) pump assembly or fuel pressure sensor.

(b) Check operating sound.

(1) Start the engine.

(2) Using a sound scope, check the operating sound of the fuel (engine room side) pump assembly.

If no sound can be heard, check the fuel (engine room side) pump assembly, wire harness and ECM.

(3) Stop the engine.

