

Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM1000000028VYF
Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: M20A-FXS (ENGINE CONTROL): SFI SYSTEM: CHECK MODE PROCEDURE; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

CHECK MODE PROCEDURE

HINT:

Compared to normal mode, check mode is more sensitive to malfunctions. Therefore, check mode can detect malfunctions that cannot be detected in normal mode.

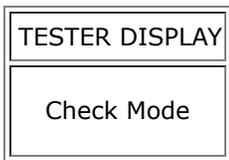
NOTICE:

All of the stored DTCs and Freeze Frame Data are cleared if: 1) the ECM is changed from normal mode to check mode or vice versa; or 2) the ignition switch is turned from ON to ACC or off while in check mode. Before changing modes, always check for and note any DTCs and Freeze Frame Data.

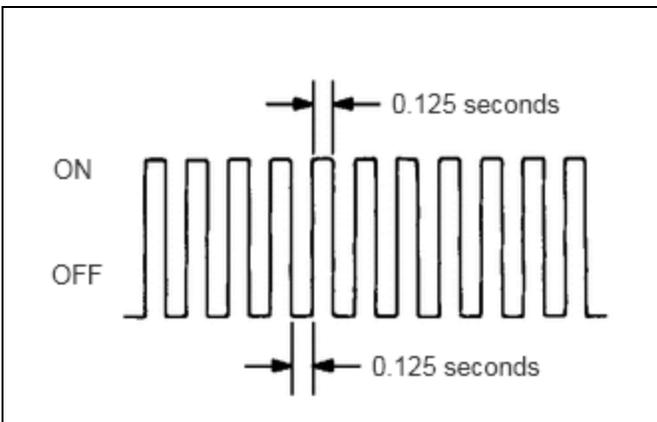
CHECK MODE PROCEDURE

- (a) Check and ensure the following conditions:
 - (1) Auxiliary battery voltage is 11 V or higher.
 - (2) Accelerator pedal is fully released.
 - (3) Shift lever is in P or N.
 - (4) A/C switch is off.
- (b) Turn the ignition switch off.
- (c) Enter the following menus: Powertrain / Engine / Utility / Check Mode.

Powertrain > Engine > Utility



- (d) Change the ECM from normal mode to check mode.
- (e) Check that the MIL flashes as shown in the illustration.



- (f) Turn the ignition switch to ON (READY).
- (g) Check that the MIL turns off.
- (h) Simulate the conditions of the malfunction described by the customer.

(i) Check for DTCs and Freeze Frame Data using the GTS.

