

Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM100000002924J
Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: DOOR / HATCH: FUEL LID OPENER SYSTEM: DATA LIST / ACTIVE TEST; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

DATA LIST / ACTIVE TEST

DATA LIST

HINT:

Using the GTS to read the Data List allows the values or states of switches, sensors, actuators and other items to be read without removing any parts. This non-intrusive inspection can be very useful because intermittent conditions or signals may be discovered before parts or wiring is disturbed. Reading the Data List information early in troubleshooting is one way to save diagnostic time.

NOTICE:

In the table below, the values listed under "Normal Condition" are reference values. Do not depend solely on these reference values when deciding whether a part is faulty or not.

(a) According to the display on the GTS, read the "Data List".

Powertrain > Engine > Data List

TESTER DISPLAY	MEASUREMENT ITEM	RANGE	NORMAL CONDITION	DIAGNOSTIC NOTE
Fuel Filler Opener	Fuel lid with motor lock assembly status	OFF or ON	OFF: Fuel lid with motor lock assembly not operating ON: Fuel lid with motor lock assembly operating	for M20A-FXS
Fuel Lid SW	Fuel lid opener switch status	Close or Open	Close: Fuel lid opener switch not pushed Open: Fuel lid opener switch pushed	-
Fuel Lid Sensor SW	Fuel lid with motor lock assembly (fuel lid courtesy switch) status	Close or Open	Close: Fuel lid closed Open: Fuel lid open	for M20A-FXS

ACTIVE TEST

HINT:

Using the GTS to perform Active Tests allows relays, VSVs, actuators and other items to be operated without removing any parts. This non-intrusive functional inspection can be very useful because intermittent operation may be discovered before parts or wiring is disturbed. Performing Active Tests early in troubleshooting is one way to save diagnostic time. Data List information can be displayed while performing Active Tests.

(a) According to the display on GTS perform the "Active Test".

Powertrain > Engine > Active Test

TESTER DISPLAY	MEASUREMENT ITEM	CONTROL RANGE	DIAGNOSTIC NOTE
Activate the Fuel Filler Opener	Activate fuel lid with motor lock assembly	OFF or ON	for M20A-FXS

