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Model Year Start: 2023	**Model:** Prius Prime	**Prod Date Range:** [03/2023 -]
Title: HYBRID / BATTERY CONTROL: HYBRID CONTROL SYSTEM (for PHEV Model): UTILITY; 2023 - 2024 MY Prius Prime [03/2023 -]		

UTILITY

PURPOSE

UTILITY ITEMS (GTS DISPLAY)	MAIN PURPOSE	CONTROL DESCRIPTION
All Readiness	Check whether or not DTC judgment has been completed.	-
Check Mode	This item is displayed on the GTS but is not used.	-
Diagnosis Related Information	Confirm the diagnosis related information	-
Vehicle Control History (RoB)	View vehicle control history.	INFO
Inspection Mode	Enter Inspection Mode.	INFO
Switch Specification Information	Perform the vehicle specification information procedure for the hybrid vehicle control ECU.	-
EV Mode Cruising Range Reset	The cruising range for EV mode stored in the hybrid vehicle control ECU will be initialized.	-

ALL READINESS

HINT:

- With "All Readiness", you can check whether or not the DTC judgment has been completed by using the GTS.
- You should check "All Readiness" after simulating malfunction symptoms or for validation after finishing repairs.

(a) Clear the DTCs even if no DTCs are stored.

Powertrain > Hybrid Control > Clear DTCs

(b) Turn the ignition switch off and wait for 2 minutes or more.

(c) Turn the ignition switch to ON.

(d) Perform the DTC judgment driving pattern to run the DTC judgment.

Powertrain > Hybrid Control > Utility

TESTER DISPLAY
All Readiness

(e) Input the DTC to be confirmed.

(f) Check the DTC judgment result.

GTS DISPLAY	DESCRIPTION
NORMAL	• DTC judgment completed • System normal
ABNORMAL	• DTC judgment completed • System abnormal
INCOMPLETE	• DTC judgment not completed • Perform the driving pattern
If the judgment result shows INCOMPLETE, perform the DTC confirmation driving pattern again.	

(g) Turn the ignition switch off.

DIAGNOSIS RELATED INFORMATION

(a) Check for diagnosis related information.

(1) Check for diagnosis related information.

Powertrain > Hybrid Control > Utility

TESTER DISPLAY
Diagnosis Related Information

(2) Check the Diagnosis Related Information, and then write them down.

(b) Clear diagnosis related information.

(1) Enter the following menus: Powertrain / Hybrid Control / Trouble Codes.

(2) Clear the diagnosis related information and Freeze Frame Data.

(3) Turn the ignition switch off.

EV MODE CRUISING RANGE RESET

HINT:

When "EV Mode Cruising Range Reset" is performed, the cruising range for EV mode stored in the hybrid vehicle control ECU will be initialized.

(a) Using the GTS, enter the following menus.

Powertrain > Hybrid Control > Utility

TESTER DISPLAY
EV Mode Cruising Range Reset

(b) According to the display on the GTS, perform EV Mode Cruising Range Reset and check that "EV Mode Cruising Range Reset is complete." is displayed.

HINT:

If "EV Mode Cruising Range Reset has failed. Do you want to try again?" is displayed on the GTS, perform the procedure again.

(c) Turn the ignition switch off.

SWITCH SPECIFICATION INFORMATION

HINT:

- After replacing the hybrid vehicle control ECU, it is necessary to perform the vehicle specification information procedure for the ECU.
- If the vehicle specification information has not been set, vehicle control history (RoB) will be stored.
- After performing the Switch Specification Information procedure, use the data monitor of the GTS to check that the vehicle information has changed, and when the procedure is completed, perform a health check using the GTS and confirm that there are no DTCs stored.

(a) Using the GTS, enter the following menus.

Powertrain > Hybrid Control > Utility

TESTER DISPLAY
Switch Specification Information

(b) In accordance with the display on the GTS, set the vehicle specification information.

HINT:

If "Next" is selected at the beginning, the GTS automatically reads the ECU and the vehicle specifications will be changed automatically.

(c) Using the GTS, enter the following menus.

Powertrain > Hybrid Control > Data List

TESTER DISPLAY
Suspension Control Module Specification Information
IGS Available Specification Information
Advanced Park Available Specification Information
Solar Available Specification Information
Power Steering Available Specification Information

(d) Check if a value other than "Incomplete" is displayed.

HINT:

- If "Incomplete" is displayed, perform the vehicle specification information procedure.
- Check that vehicle specifications in the Data List matches the actual vehicle.

(e) Using the GTS, enter the following menus.

Powertrain > Hybrid Control > Trouble Codes

(f) Check that no DTCs are stored.

HINT:

If an ECU with differing vehicle specifications is installed, a CAN communication DTC may be stored if the vehicle specifications are changed.