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Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: POWER DISTRIBUTION: SUB BATTERY SYSTEM: FREEZE FRAME DATA; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

FREEZE FRAME DATA

HINT:

The integrated capacitor (integration control supply) records vehicle and driving condition information as Freeze Frame Data the moment a DTC is stored.

FREEZE FRAME DATA

(a) Check the Freeze Frame Data when a DTC is output.

Body Electrical > Sub Battery System > Trouble Codes

(b) Select a DTC in order to display its Freeze Frame Data.

LIST OF FREEZE FRAME DATA

Body Electrical > Sub Battery System

TESTER DISPLAY
Total Distance Traveled
Total Distance Traveled - Unit
IGR Switch
H Switch
BR Signal
RO Signal
Door Unlock Operation Request Signal at Collision
Door Courtesy Signal
Wake Up Request Signal
DC/DC Converter Status
System Voltage Relay
System Voltage

TESTER DISPLAY
AECU Relay
AECU Output Voltage
AECU Output Current
A2ECU Output Voltage
BECU Relay
BECU Output Voltage
BECU Output Current
CECU Relay
CECU Output Voltage
CECU Output Current
AACT Relay
AACT Output Voltage
AACT Output Current
BACT Relay
BACT Upstream Through Relay
BACT Downstream Through Relay
BACT Output Voltage
BACT Output Current
CACT Relay

TESTER DISPLAY
CACT Output Voltage
CACT Output Current
Dark Current Cut Relay
Backflow Prevention Circuit Downstream Relay
Backflow Prevention Circuit Upstream Relay
Inflow Prevention Relay
Charging Circuit Information
Cell Balance Circuit Information
Reset Prevention Circuit Information
Control Status
BUV Voltage
PWB Voltage
PWB Current
Capacitor Voltage
Capacitor Current
Capacitor Temperature
Capacitor Resistance Calculation Value
Capacitor Capacity Calculation Value
Unit Temperature 1

TESTER DISPLAY
Unit Temperature 2
Protection Circuit Diagnosis Signal (GND Overcurrent Detection)
Protection Circuit Diagnosis Signal (PWB Overvoltage Detection)
Protection Circuit Diagnosis Signal (PWB Overcurrent Detection)
Protection Circuit Diagnosis Signal (PWC Overcurrent Detection)
DC/DC Converter Step Up/Step Down Primary Power Supply Side Ground Fault Diagnosis Result
DC/DC Converter Step Up/Step Down Capacitor Side Ground Fault Diagnosis Result
DC/DC Converter Step Up/Step Down GND Side Ground Fault Diagnosis Result
DC/DC Converter Step Up/Step Down Discharging Diagnosis Result
DC/DC Converter Step Up/Step Down Charging Diagnosis Result
Capacitor Cell Overvoltage Diagnosis Result
Reset Prevention Circuit Short Diagnosis Result
AACT Output Terminal Ground Fault Diagnosis Result
AECU/A2ECU Output Terminal Ground Fault Diagnosis Result

