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<b>Model Year Start:</b> 2023	<b>Model:</b> Prius Prime	<b>Prod Date Range:</b> [03/2023 - ]
<b>Title:</b> ADVANCED DRIVER ASSISTANCE SYSTEM: DRIVER MONITOR CAMERA SYSTEM: FREEZE FRAME DATA; 2023 - 2024 MY Prius Prius Prime [03/2023 - ]		

## FREEZE FRAME DATA

### DESCRIPTION

(a) When a driver monitor camera system DTC is stored, the driver monitor ECU assembly stores the current vehicle (ECU or sensor) state as Freeze Frame Data.

### CHECK FREEZE FRAME DATA

(a) Select a DTC to display the freeze frame data.

**Chassis > Driver Monitor Camera Control > Trouble Codes**

### FREEZE FRAME DATA CHART

(a) Check the freeze frame data for the output DTC.

**Chassis > Driver Monitor Camera Control**

TESTER DISPLAY	MEASUREMENT ITEM	RANGE	NORMAL CONDITION	DIAGNOSTIC NOTE
Total Distance Traveled	The total distance traveled	0 to 16777215	The total distance traveled	-
Total Distance Traveled - Unit	The units used when displaying the total distance traveled	km or mile	Units for total distance traveled	-
Voltage A/D Converted Value	Internal voltage value	0.00 to 19.99 V	12 to 14 V	-
Camera Module Initialization Failure	Initialization malfunction for driver monitor camera	No or Yes	No: Malfunction not detected Yes: Malfunction detected	-
Image Sensor Pattern Check Failure	Output pattern malfunction for driver monitor camera	No or Yes	No: Malfunction not detected Yes: Malfunction detected	-
Camera Communication Failure	Communication malfunction for driver monitor camera	No or Yes	No: Malfunction not detected Yes: Malfunction detected	-

TESTER DISPLAY	MEASUREMENT ITEM	RANGE	NORMAL CONDITION	DIAGNOSTIC NOTE
Vertical Synchronizing signal Failure	Output signal malfunction for driver monitor camera	No or Yes	No: Malfunction not detected Yes: Malfunction detected	-
I2C Communication Failure	Communication malfunction for driver monitor camera	No or Yes	No: Malfunction not detected Yes: Malfunction detected	-
Video Import Failure	Input signal malfunction from driver monitor camera	No or Yes	No: Malfunction not detected Yes: Malfunction detected	-
Camera Communication Initialization Failure	Communication initialization malfunction for driver monitor camera	No or Yes	No: Malfunction not detected Yes: Malfunction detected	-
A/D Conversion Failure	Internal voltage malfunction for driver monitor	No or Yes	No: Malfunction not detected Yes: Malfunction detected	-
Communication Failure Between Microcomputers (Monitoring -> Processing)	Internal communication malfunction for driver monitor	No or Yes	No: Malfunction not detected Yes: Malfunction detected	-
ECU Temperature Monitoring Circuit Failure	Internal temperature malfunction for driver monitor	No or Yes	No: Malfunction not detected Yes: Malfunction detected	-
Data Flash Control Area Corruption	Storage area malfunction for driver monitor	No or Yes	No: Malfunction not detected Yes: Malfunction detected	-
Communication Failure Between Microcomputers (Processing -> Monitoring)	Internal ECU malfunction for driver monitor	No or Yes	No: Malfunction not detected Yes: Malfunction detected	-

TESTER DISPLAY	MEASUREMENT ITEM	RANGE	NORMAL CONDITION	DIAGNOSTIC NOTE
Processing Microcomputer Stop Failure	Internal ECU malfunction for driver monitor	No or Yes	No: Malfunction not detected Yes: Malfunction detected	-
Floating Point Register Failure	Internal ECU malfunction for driver monitor	No or Yes	No: Malfunction not detected Yes: Malfunction detected	-
Deserializer Initialization Failure	Communication malfunction for driver monitor	No or Yes	No: Malfunction not detected Yes: Malfunction detected	-
Video Stuck Failure	Internal image stuck malfunction for driver monitor	No or Yes	No: Malfunction not detected Yes: Malfunction detected	-
LED Failure 1	LED malfunction for driver monitor	No or Yes	No: Malfunction not detected Yes: Malfunction detected	-
Internal Power Supply Failure System 1	Internal power source malfunction for driver monitor (system 1)	No or Yes	No: Malfunction not detected Yes: Malfunction detected	-
Internal Power Supply Failure System 2	Internal power source malfunction for driver monitor (system 2)	No or Yes	No: Malfunction not detected Yes: Malfunction detected	-
Internal Power Supply Failure System 3	Internal power source malfunction for driver monitor (system 3)	No or Yes	No: Malfunction not detected Yes: Malfunction detected	-
Internal Power Supply Failure System 4	Internal power source malfunction for driver monitor (system 4)	No or Yes	No: Malfunction not detected Yes: Malfunction detected	-

TESTER DISPLAY	MEASUREMENT ITEM	RANGE	NORMAL CONDITION	DIAGNOSTIC NOTE
Internal Power Supply Failure System 5	Internal power source malfunction for driver monitor (system 5)	No or Yes	No: Malfunction not detected Yes: Malfunction detected	-
Internal Power Supply Failure System 6	Internal power source malfunction for driver monitor (system 6)	No or Yes	No: Malfunction not detected Yes: Malfunction detected	-

