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Model Year Start: 2023	**Model:** Prius Prime	**Prod Date Range:** [03/2023 -]

Title: ADVANCED DRIVER ASSISTANCE SYSTEM: FRONT CAMERA SYSTEM: P0A1D94; Hybrid/EV Powertrain Control Module "A" Unexpected Operation; 2023 - 2024 MY Prius Prius Prime [03/2023 -   ]

DTC	P0A1D94	Hybrid/EV Powertrain Control Module "A" Unexpected Operation

DESCRIPTION

Forward recognition camera receives vehicle specification information from the hybrid vehicle control ECU via CAN communication line. When the vehicle specification information sent from the hybrid vehicle control ECU is abnormal, the forward recognition camera stores DTC P0A1D94.

DTC NO.	DETECTION ITEM	DTC DETECTION CONDITION	TROUBLE AREA	DTC OUTPUT FROM	PRIORITY
P0A1D94	Hybrid/EV Powertrain Control Module "A" Unexpected Operation	When the forward recognition camera receives a cruise control switch input circuit malfunction signal sent from hybrid vehicle control ECU	• Hybrid control system • Forward recognition camera	Front Recognition Camera	B

CAUTION / NOTICE / HINT

NOTICE:
- When replacing the forward recognition camera, always replace it with a new one. If a forward recognition camera which was installed to another vehicle is used, the information stored in the forward recognition camera will not match the information from the vehicle and a DTC may be stored.
- When the forward recognition camera has been replaced with a new one, make sure to clear all stored vehicle control history of each system and the forward recognition camera beam axis alignment data.

    HINT:
    Forward recognition camera beam axis alignment can be performed by using "One Time Recognition", "Driving Adjustment" or "Camera Axis Adjustment Value Write".

    One Time Recognition: Click here

    Driving Adjustment: Click here

    Camera Axis Adjustment Value Write: Click here
- If the forward recognition camera has been replaced with a new one, make sure to perform Software Version Confirmation.

    Click here

PROCEDURE

1.	**CHECK FOR DTC (Hybrid Control)**

(a) Check the DTCs.

Powertrain > Hybrid Control > Trouble Codes

RESULT	PROCEED TO
Hybrid control system DTCs are not output	A
Hybrid control system DTCs are output	B

A ▶ **REPLACE FORWARD RECOGNITION CAMERA**

B ▶ **GO TO HYBRID CONTROL SYSTEM**

for 2ZR-FXE: Click here `INFO`

for M20A-FXS: Click here `INFO`

for PHEV Model: Click here `INFO`