12/9/24, 3:38 PM

ADVANCED DRIVER ASSISTANCE SYSTEM: FRONT CAMERA SYSTEM: P0A1D94; Hybrid/EV Powertrain Control Module "A" U...

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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
	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	system • Forward	Front Recognition Camera	В

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	INFO
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Driving Adjustment:	Click here	INFO
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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)
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(a) Check the DTCs.

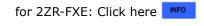
ADVANCED DRIVER ASSISTANCE SYSTEM: FRONT CAMERA SYSTEM: P0A1D94; Hybrid/EV Powertrain Control Module "A" U...

Powertrain > Hybrid Control > Trouble Codes

RESULT	PROCEED TO
Hybrid control system DTCs are not output	А
Hybrid control system DTCs are output	В

A REPLACE FORWARD RECOGNITION CAMERA

B GO TO HYBRID CONTROL SYSTEM



for M20A-FXS: Click here

for PHEV Model: Click here

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ΤΟΥΟΤΑ