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Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [03/2023 -]
Title: ADVANCED DRIVER ASSISTANCE SYSTEM: DRIVER MONITOR CAMERA SYSTEM: C1A3471; LED Controller in Driver Monitor Camera Control System Actuator Stuck; 2023 - 2024 MY Prius Prius Prime [03/2023 -]		

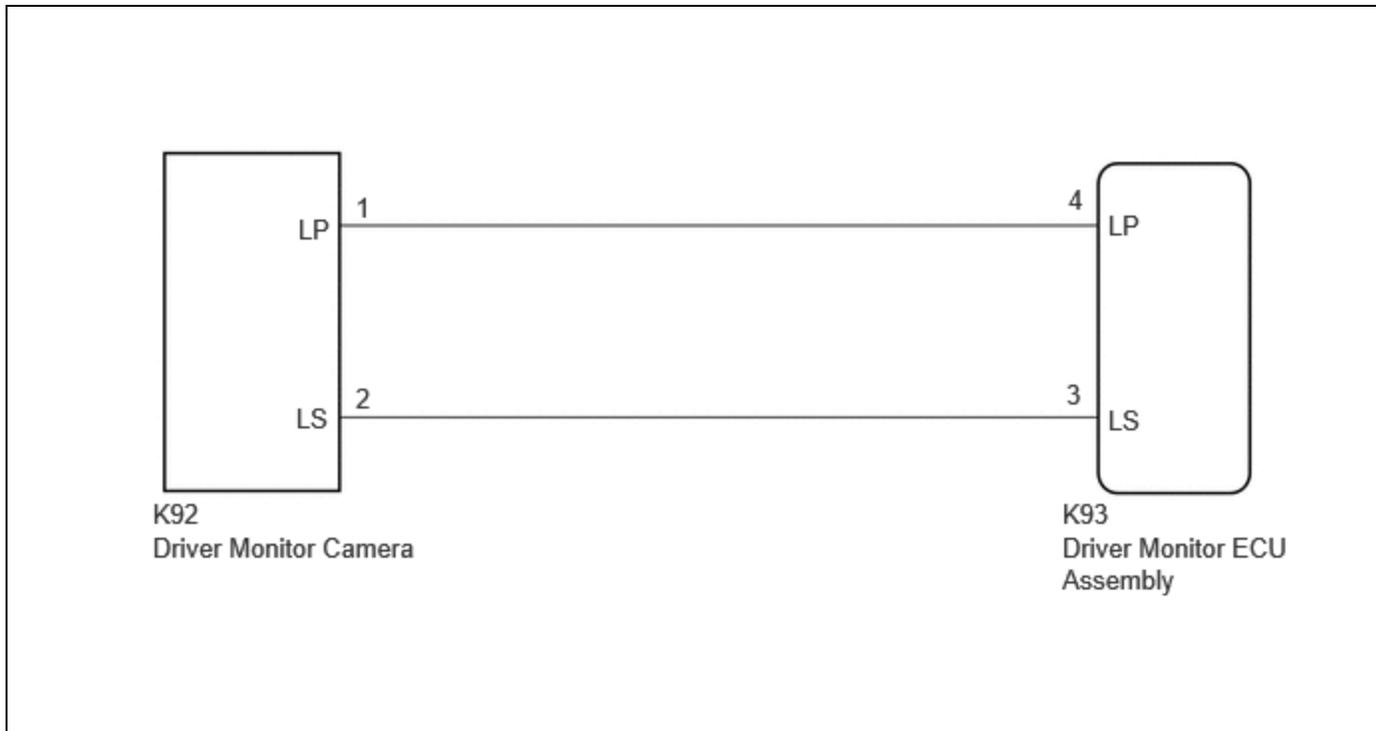
DTC	C1A3471	LED Controller in Driver Monitor Camera Control System Actuator Stuck
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DESCRIPTION

This DTC is output if driver monitor ECU assembly self-diagnosis detects an LED circuit malfunction in the driver monitor camera.

DTC NO.	DETECTION ITEM	DTC DETECTION CONDITION	TROUBLE AREA	DTC OUTPUT FROM	PRIORITY
C1A3471	LED Controller in Driver Monitor Camera Control System Actuator Stuck	An LED circuit malfunction in the driver monitor camera is detected	<ul style="list-style-type: none"> • Harness or connector • Driver monitor camera • Driver monitor ECU assembly 	Driver Monitor Camera Control	A

WIRING DIAGRAM



CAUTION / NOTICE / HINT

NOTICE:

If the driver monitor camera or driver monitor ECU assembly connector is removed with the negative (-) auxiliary battery terminal connected, a DTC may be output.

PROCEDURE

1. CLEAR DTC

Pre-procedure1

(a) Set "ACC customize" to on.

HINT:

The driver monitor camera system may remain active in the background even if the ignition switch is turned off depending on the multi-display setting. Therefore, perform setting of the multi-display before performing an inspection.

Click here [INFO](#)

(b) Turn the ignition switch off and wait for 6 minutes or more with the door closed.

Procedure1

(c) Clear the DTCs.

Chassis > Driver Monitor Camera Control > Clear DTCs

Post-procedure1

(d) None

NEXT



2. CHECK FOR DTC

(a) Check for DTCs.

Chassis > Driver Monitor Camera Control > Trouble Codes

RESULT	PROCEED TO
DTCs are not output	A
C1A3471 is output	B

A **USE SIMULATION METHOD TO CHECK**

B



3. CHECK HARNESS AND CONNECTOR (DRIVER MONITOR ECU ASSEMBLY - DRIVER MONITOR CAMERA)

Pre-procedure1

- (a) Disconnect the K93 driver monitor ECU assembly connector.
- (b) Disconnect the K92 driver monitor camera connector.

Procedure1

- (c) Measure the resistance according to the value(s) in the table below.

Standard Resistance:



[Click Location & Routing\(K93,K92\).](#)

[Click Connector\(K93\).](#)

[Click Connector\(K92\).](#)

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION	RESULT
K93-4 (LP) - K92-1 (LP)	Always	Below 1 Ω	Ω
K93-3 (LS) - K92-2 (LS)	Always	Below 1 Ω	Ω
K93-4 (LP) - K92-2 (LS)	Always	10 k Ω or higher	k Ω
K93-4 (LP) - Body ground	Always	10 k Ω or higher	k Ω
K93-3 (LS) - Body ground	Always	10 k Ω or higher	k Ω

Post-procedure1

- (d) None

NG **REPAIR OR REPLACE HARNESS OR CONNECTOR**

OK



4. REPLACE DRIVER MONITOR CAMERA

HINT:

[Click here](#)

NEXT



5. CLEAR DTC

Pre-procedure1

(a) Set "ACC customize" to on.

HINT:

The driver monitor camera system may remain active in the background even if the ignition switch is turned off depending on the multi-display setting. Therefore, perform setting of the multi-display before performing an inspection.

Click here [INFO](#)

(b) Turn the ignition switch off and wait for 6 minutes or more with the door closed.

Procedure1

(c) Clear the DTCs.

Chassis > Driver Monitor Camera Control > Clear DTCs

Post-procedure1

(d) None

NEXT



6. CHECK FOR DTC

(a) Check for DTCs.

Chassis > Driver Monitor Camera Control > Trouble Codes

RESULT	PROCEED TO
DTCs are not output	A
C1A3471 is output	B

A ► END (DRIVER MONITOR CAMERA IS DEFECTIVE)

B ► REPLACE DRIVER MONITOR ECU ASSEMBLY

