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Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: PARK ASSIST / MONITORING: INTUITIVE PARKING ASSIST SYSTEM: C1AE796; Ultrasonic Sensor (Rear Left Center) Component Internal Failure; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

DTC	C1AE796	Ultrasonic Sensor (Rear Left Center) Component Internal Failure
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DESCRIPTION

The rear center ultrasonic sensor LH is installed to the rear bumper. The clearance warning ECU assembly detects obstacles based on signals received from the rear center ultrasonic sensor LH. If the rear center ultrasonic sensor LH has an open circuit or other malfunction, it will not function normally.

DTC NO.	DETECTION ITEM	DTC DETECTION CONDITION	TROUBLE AREA	DTC OUTPUT FROM	PRIORITY
C1AE796	Ultrasonic Sensor (Rear Left Center) Component Internal Failure	Rear center ultrasonic sensor LH malfunction	<ul style="list-style-type: none"> Rear center ultrasonic sensor LH Clearance warning ECU assembly 	Clearance Warning	B

CAUTION / NOTICE / HINT

NOTICE:

- Perform registration after replacing and installing the ultrasonic sensor or clearance warning ECU assembly.
- Click here [INFO](#)
- If a DTC is detected again after the repair, turn the ignition switch to ON and turn the intuitive parking assist system on, and then clear the DTC.

PROCEDURE

1.	CLEAR DTC
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(a) Clear the DTCs.

Body Electrical > Clearance Warning > Clear DTCs

NEXT



2.	CHECK FOR DTC
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(a) Check for DTCs.

Body Electrical > Clearance Warning > Trouble Codes

RESULT	PROCEED TO
DTCs are not output	A
C1AE796 and C1AE787 are output	B
C1AE796 is output	C

A ► **USE SIMULATION METHOD TO CHECK**

B ► **GO TO OTHER FLOWCHART (C1AE787)**

C



3.	REPLACE REAR CENTER ULTRASONIC SENSOR LH
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(a) Replace the rear center ultrasonic sensor LH with a new or normally functioning one.

HINT:

- Click here [INFO](#)
- To check if the ultrasonic sensor is functioning correctly, replace it with another ultrasonic sensor.

NEXT



4.	CLEAR DTC
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(a) Clear the DTCs.

Body Electrical > Clearance Warning > Clear DTCs

NEXT



5.	CHECK FOR DTC
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(a) Check for DTCs.

Body Electrical > Clearance Warning > Trouble Codes

RESULT	PROCEED TO
DTCs are not output	A
C1AE796 is output	B

A ▶ END (REAR CENTER ULTRASONIC SENSOR LH WAS DEFECTIVE)

B ▶ REPLACE CLEARANCE WARNING ECU ASSEMBLY

