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Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: SUPPLEMENTAL RESTRAINT SYSTEMS: OCCUPANT CLASSIFICATION SYSTEM: B00C028; Passenger Seat Occupant Classification Sensor "A" Signal Bias Level Out of Range / Zero Adjustment Failure; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

DTC	B00C028	Passenger Seat Occupant Classification Sensor "A" Signal Bias Level Out of Range / Zero Adjustment Failure
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DESCRIPTION

DTC NO.	DETECTION ITEM	DTC DETECTION CONDITION	TROUBLE AREA	DTC OUTPUT FROM	PRIORITY
B00C028	Passenger Seat Occupant Classification Sensor "A" Signal Bias Level Out of Range / Zero Adjustment Failure	Either of following conditions is met: <ul style="list-style-type: none"> • Front occupant classification sensor LH sensed large load • Front occupant classification sensor LH malfunction 	Front seat adjuster assembly RH (front occupant classification sensor LH)	SRS Airbag	A

CAUTION / NOTICE / HINT

NOTICE:

- After the ignition switch is turned off, there may be a waiting time before disconnecting the negative (-) auxiliary battery terminal.

Click here [INFO](#)

HINT:

When disconnecting and reconnecting the auxiliary battery, there is an automatic learning function that completes learning when the respective system is used.

Click here [INFO](#)

- After replacing the front seat adjuster assembly RH, refer to work procedure.

Click here [INFO](#)

PROCEDURE

1.	PERFORM ZERO POINT CALIBRATION
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(a) Using the GTS, perform "Occupant Detection Sensor Zero Point Calibration".

HINT:

[Click here](#) 

NEXT

2.	CLEAR DTC
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Pre-procedure1

(a) Turn the ignition switch to ON, and wait for at least 60 seconds.

Procedure1

(b) Clear the DTCs stored in memory.

Body Electrical > SRS Airbag > Clear DTCs

Post-procedure1

(c) Turn the ignition switch off.

NEXT

3.	CHECK DTC
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Pre-procedure1

(a) Turn the ignition switch to ON, and wait for at least 60 seconds.

Procedure1

(b) Check the DTCs.

Body Electrical > SRS Airbag > Trouble Codes

RESULT	PROCEED TO
B00C028 is output	A
B00C028 is not output	B

Post-procedure1

(c) None

B  **END (NORMAL AFTER PERFORMING ZERO POINT CALIBRATION)**

A**4. REPLACE FRONT SEAT ADJUSTER ASSEMBLY RH**

Pre-procedure1

- (a) Turn the ignition switch off.
- (b) Disconnect the cable from the negative (-) auxiliary battery terminal, and wait for at least 60 seconds.

Procedure1

- (c) Replace the front seat adjuster assembly RH with a new one.

HINT:[Click here](#) 

Post-procedure1

- (d) Connect the cable to the negative (-) auxiliary battery terminal, and wait for at least 2 seconds.

NEXT**5. PERFORM ZERO POINT CALIBRATION**

- (a) Using the GTS, perform "Occupant Detection Sensor Zero Point Calibration".

HINT:[Click here](#) **NEXT**  **END (FRONT SEAT ADJUSTER ASSEMBLY RH WAS DEFECTIVE)**