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Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [03/2023 -]
Title: ACOUSTIC VEHICLE ALERTING SYSTEM: ACOUSTIC VEHICLE ALERTING SYSTEM: U032257; Software Incompatibility with Body Control Module Invalid/Incompatible Software Component; 2023 - 2024 MY Prius Prius Prime [03/2023 -]		

DTC	U032257	Software Incompatibility with Body Control Module Invalid/Incompatible Software Component
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DESCRIPTION

The vehicle approaching speaker controller receives vehicle information from the main body ECU (multiplex network body ECU) via CAN communication.

This DTC is stored when the vehicle information from the main body ECU (multiplex network body ECU) and that stored in the vehicle approaching speaker controller do not match.

DTC NO.	DETECTION ITEM	DTC DETECTION CONDITION	TROUBLE AREA	DTC OUTPUT FROM	PRIORITY
U032257	Software Incompatibility with Body Control Module Invalid/Incompatible Software Component	The vehicle information from the main body ECU (multiplex network body ECU) and that stored in the vehicle approaching speaker controller do not match.	<ul style="list-style-type: none"> CAN communication system Main body ECU (Multiplex network body ECU) 	Acoustic Vehicle Alerting System	A

CAUTION / NOTICE / HINT

NOTICE:

- If a vehicle approaching speaker controller which was installed to another vehicle is used, the information stored in the vehicle approaching speaker controller will not match the information from the vehicle. As a result, a DTC may be stored.
- Before replacing the main body ECU (multiplex network body ECU), refer to Registration.

Click here [INFO](#)

HINT:

The vehicle approaching speaker controller automatically updates the vehicle information based on the data received from the main body ECU (multiplex network body ECU).

PROCEDURE

1.	CHECK DTC OUTPUT (HEALTH CHECK)
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(a) According to the display on the GTS, select "Health Check".

OK:

DTCs are not output by any system other than the acoustic vehicle alerting system (Acoustic Vehicle Alerting System).

RESULT	PROCEED TO
U032257 is not output by a system other than the acoustic vehicle alerting system	A
U032257 is output by a system other than the acoustic vehicle alerting system	B

B  **REPLACE MAIN BODY ECU (MULTIPLEX NETWORK BODY ECU)**

A



2.	REPLACE VEHICLE APPROACHING SPEAKER CONTROLLER
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HINT:

Click here [INFO](#)

NEXT



3.	CLEAR DTC
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(a) Clear the DTCs.

Body Electrical > Acoustic Vehicle Alerting System > Clear DTCs

(b) Turn the ignition switch off.

NEXT



4.	CHECK FOR DTCs
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(a) Check for DTCs.

Body Electrical > Acoustic Vehicle Alerting System > Trouble Codes

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

A ► END (VEHICLE APPROACHING SPEAKER CONTROLLER IS DEFECTIVE)

B ► REPLACE MAIN BODY ECU (MULTIPLEX NETWORK BODY ECU)

