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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: U012987,U014087,U029387; Lost Communication With Brake System Control Module Missing Message; 2023 - 2024 MY Prius Prius Prime [03/2023 -]		

DTC	U012987	Lost Communication With Brake System Control Module Missing Message
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DTC	U014087	Lost Communication with Body Control Module Missing Message
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DTC	U029387	Lost Communication with Hybrid/EV Powertrain Control Module Missing Message
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DESCRIPTION

These DTCs are stored when the CAN communication system is malfunctioning.

DTC NO.	DETECTION ITEM	DTC DETECTION CONDITION	TROUBLE AREA	DTC OUTPUT FROM	PRIORITY
U012987	Lost Communication With Brake System Control Module Missing Message	The vehicle approaching speaker controller does not receive data from the No. 2 skid control ECU (brake actuator assembly) for approximately 10 seconds or more.	<ul style="list-style-type: none"> CAN communication system No. 2 skid control ECU (brake actuator assembly) 	Acoustic Vehicle Alerting System	B
U014087	Lost Communication with Body Control Module Missing Message	The vehicle approaching speaker controller does not receive data from the main body ECU (multiplex network body ECU) for approximately 10 seconds or more.	<ul style="list-style-type: none"> CAN communication system Main body ECU (multiplex network body ECU) 	Acoustic Vehicle Alerting System	B
U029387	Lost Communication with Hybrid/EV Powertrain Control Module Missing Message	The vehicle approaching speaker controller does not receive data from the hybrid vehicle control ECU for approximately 10 seconds or more.	<ul style="list-style-type: none"> CAN communication system Hybrid vehicle control ECU 	Acoustic Vehicle Alerting System	B

PROCEDURE

1. CHECK FOR DTC

(a) Check for DTCs.

Body Electrical > Acoustic Vehicle Alerting System > Trouble Codes

HINT:

When DTCs indicating a CAN communication system malfunction are output, perform troubleshooting for the CAN communication system before the acoustic vehicle alerting system.

NEXT ► GO TO CAN COMMUNICATION SYSTEM

for HEV Model: Click here [INFO](#)

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