

Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM10000002BN7Z
Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [03/2023 -]
Title: PARK ASSIST / MONITORING: INTUITIVE PARKING ASSIST SYSTEM: U010087,U012687,U012987,U029387; Lost Communication With ECM/PCM "A" Missing Message; 2023 - 2024 MY Prius Prius Prime [03/2023 -]		

DTC	U010087	Lost Communication With ECM/PCM "A" Missing Message
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DTC	U012687	Lost Communication with Steering Angle Sensor Module Missing Message
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DTC	U012987	Lost Communication With Brake System Control Module Missing Message
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DTC	U029387	Lost Communication With Hybrid Powertrain Control Module Missing Message
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DESCRIPTION

These DTCs are stored when the clearance warning ECU assembly cannot receive and recognize several signals via the CAN communication line.

DTC NO.	DETECTION ITEM	DTC DETECTION CONDITION	TROUBLE AREA	DTC OUTPUT FROM	PRIORITY
U010087	Lost Communication With ECM/PCM "A" Missing Message	Lost communication with ECM	CAN communication system	Clearance Warning	B
U012687	Lost Communication with Steering Angle Sensor Module Missing Message	Lost communication with steering sensor	CAN communication system	Clearance Warning	B
U012987	Lost Communication With Brake System Control Module Missing Message	Lost communication with No. 2 skid control ECU (brake actuator assembly)	CAN communication system	Clearance Warning	B
U029387	Lost Communication With Hybrid Powertrain Control Module Missing Message	Lost communication with hybrid vehicle control ECU	CAN communication system	Clearance Warning	B

HINT:

When 2 or more DTCs starting with "U" are output simultaneously, inspect the connectors and wire harnesses of each ECU.

PROCEDURE

1. CLEAR DTC

(a) Clear the DTCs.

Body Electrical > Clearance Warning > Clear DTCs**NEXT****2. CHECK DTC OUTPUT**

(a) Check for DTCs.

Body Electrical > Clearance Warning > Trouble Codes

RESULT	PROCEED TO
U010087, U012687, U012987 or U029387 is output	A
DTCs are not output	B
None of the above conditions are met	C

A ► GO TO CAN COMMUNICATION SYSTEMfor HEV Model: Click here [INFO](#)for PHEV Model: Click here [INFO](#)**B ► USE SIMULATION METHOD TO CHECK****C ► GO TO DTC CHART**