

Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM100000002BN7Y
Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [03/2023 -]
Title: ADVANCED PARK: ADVANCED PARK: U010387,U012687,U012987,U013187,U014087,U015587,U016387,U016487,U029387,U110687; Lost Communication with Gear Shift Control Module "A" Missing Message; 2023 - 2024 MY Prius Prius Prime [03/2023 -]		

DTC	U010387	Lost Communication with Gear Shift Control Module "A" Missing Message
------------	----------------	--

DTC	U012687	Lost Communication with Steering Angle Sensor Module Missing Message
------------	----------------	---

DTC	U012987	Lost Communication with Brake System Control Module Missing Message
------------	----------------	--

DTC	U013187	Lost Communication with Power Steering Control Module Missing Message
------------	----------------	--

DTC	U014087	Lost Communication with Body Control Module Missing Message
------------	----------------	--

DTC	U015587	Lost Communication with Instrument Panel Cluster (IPC) Control Module Missing Message
------------	----------------	--

DTC	U016387	Lost Communication with Navigation Control Module
------------	----------------	--

DTC	U016487	Lost Communication with HVAC Control Module Missing Message
------------	----------------	--

DTC	U029387	Lost Communication with Hybrid/EV Powertrain Control Module Missing Message
------------	----------------	--

DTC	U110687	Lost Communication with Electric Parking Brake Module Missing Message
------------	----------------	--

DESCRIPTION

These DTCs are stored if there is a malfunction in the CAN communication system connected to the clearance warning ECU assembly.

HINT:

If CAN communication system DTCs are stored, they may also be stored in other systems.

DTC NO.	DETECTION ITEM	DTC DETECTION CONDITION	TROUBLE AREA	DTC OUTPUT FROM	PRIORITY
U010387	Lost Communication with Gear Shift Control Module "A" Missing Message	Lost communication with shift control ECU	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
U013187	Lost Communication with Power Steering Control Module Missing Message	Lost communication with EPS ECU	CAN communication system	Clearance Warning	B
U014087	Lost Communication with Body Control Module Missing Message	Lost communication with main body ECU	CAN communication system	Clearance Warning	B
U015587	Lost Communication with Instrument Panel Cluster (IPC) Control Module Missing Message	Lost communication with combination meter assembly	CAN communication system	Clearance Warning	B
U016387	Lost Communication with Navigation Control Module	Lost communication with radio and display receiver assembly	CAN communication system	Clearance Warning	B
U016487	Lost Communication with HVAC Control Module Missing Message	Lost communication with air conditioning amplifier assembly	CAN communication system	Clearance Warning	B
U029387	Lost Communication with Hybrid/EV Powertrain Control Module Missing Message	Lost communication with hybrid vehicle control ECU	CAN communication system	Clearance Warning	B
U110687	Lost Communication with Electric Parking Brake Module Missing Message	Lost communication with No. 2 skid control ECU (brake actuator assembly)	CAN communication system	Clearance Warning	B

PROCEDURE

1.	CLEAR DTC
-----------	------------------

(a) Clear the DTCs.

Body Electrical > Clearance Warning > Clear DTCs

NEXT



2.	CHECK FOR DTC
-----------	----------------------

(a) Check for DTCs.

Body Electrical > Clearance Warning > Trouble Codes

HINT:

- If CAN communication system DTCs are stored, they may also be stored in other systems.
- If the CAN communication system has been inspected and repaired in other systems, the DTCs will not be output when rechecking for DTCs.
- If these DTCs are output frequently, duplicate the conditions that caused the problem symptoms and perform the inspection again, even though DTCs were not output when rechecking for DTCs.

RESULT	PROCEED TO
DTCs are not output	A
U010387, U012687, U012987, U013187, U014087, U015587, U016387, U016487, U029387 or U110687 is output	B

A **USE SIMULATION METHOD TO CHECK**

B **GO TO CAN COMMUNICATION SYSTEM**

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

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

