

| | | |
|---|---------------------------|--------------------------------------|
| Last Modified: 12-04-2024 | 6.11:8.1.0 | Doc ID: RM100000002BNFZ |
| Model Year Start: 2023 | Model: Prius Prime | Prod Date Range: [03/2023 -] |
| Title: PARK ASSIST / MONITORING: PANORAMIC VIEW MONITOR SYSTEM: U012687,...,U111087; Lost Communication with Steering Angle Sensor Module Missing Message; 2023 - 2024 MY Prius Prius Prime [03/2023 -] | | |

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

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

| | | |
|------------|----------------|---|
| DTC | U019887 | Lost Communication with Telematic Control Module "A" Missing Message |
|------------|----------------|---|

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

| | | |
|------------|----------------|---|
| DTC | U111087 | Lost Communication with Clearance Sonar Module Missing Message |
|------------|----------------|---|

DESCRIPTION

These DTCs are stored if there is a malfunction in the CAN communication system connected to the parking assist ECU.

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 |
|---------|---|--|--------------------------|--|----------|
| U012687 | Lost Communication with Steering Angle Sensor Module Missing Message | Lost communication with steering sensor | CAN communication system | Circumference Monitoring Camera Control Module | B |
| U012987 | Lost Communication with Brake System Control Module "A" Missing Message | Lost communication with Brake Actuator Assembly (No. 2 Skid Control ECU) | CAN communication system | Circumference Monitoring Camera Control Module | B |
| U013187 | Lost Communication with Power Steering Control Module Missing Message | Lost communication with power steering ECU | CAN communication system | Circumference Monitoring Camera Control Module | B |
| U014087 | Lost Communication with Body Control Module Missing Message | Lost communication with main body ECU (multiplex network body ECU) | CAN communication system | Circumference Monitoring Camera Control Module | B |
| U015587 | Lost Communication with Instrument Panel Cluster (IPC) Control Module Missing Message | Lost communication with combination meter assembly | CAN communication system | Circumference Monitoring Camera Control Module | B |
| U016387 | Lost Communication with Navigation Control Module Missing Message | Lost communication with radio and display receiver assembly | CAN communication system | Circumference Monitoring Camera Control Module | B |
| U019887 | Lost Communication with Telematic Control Module "A" Missing Message | Lost communication with DCM | CAN communication system | Circumference Monitoring Camera Control Module | B |
| U029387 | Lost Communication with Hybrid/EV Powertrain Control Module Missing Message | Lost communication with hybrid vehicle control ECU | CAN communication system | Circumference Monitoring Camera Control Module | B |
| U111087 | Lost Communication with Clearance Sonar Module Missing Message | Lost communication with clearance warning ECU assembly | CAN communication system | Circumference Monitoring Camera Control Module | B |

PROCEDURE

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

(a) Clear the DTCs.

Chassis > Circumference Monitoring Camera Control Module > Clear DTCs

NEXT



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

(a) Check for DTCs.

Chassis > Circumference Monitoring Camera Control Module > 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 cause the problem symptoms and perform the inspection again, even though the DTC was not output when rechecking for DTCs.

Click here [INFO](#)

| RESULT | PROCEED TO |
|---------------------|------------|
| DTCs are not output | A |
| DTCs are 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](#)

