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<b>Model Year Start:</b> 2023	<b>Model:</b> Prius Prime	<b>Prod Date Range:</b> [03/2023 - ]
<b>Title:</b> ADVANCED DRIVER ASSISTANCE SYSTEM: FRONT CAMERA SYSTEM: U010087,....,U111287; Lost Communication with ECM/PCM "A" Missing Message; 2023 - 2024 MY Prius Prius Prime [03/2023 - ]		

<b>DTC</b>	<b>U010087</b>	<b>Lost Communication with ECM/PCM "A" Missing Message</b>
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<b>DTC</b>	<b>U010187</b>	<b>Lost Communication with TCM Missing Message</b>
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<b>DTC</b>	<b>U010387</b>	<b>Lost Communication with Gear Shift Control Module "A" Missing Message</b>
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<b>DTC</b>	<b>U012687</b>	<b>Lost Communication with Steering Angle Sensor Module Missing Message</b>
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<b>DTC</b>	<b>U012987</b>	<b>Lost Communication with Brake System Control Module "A" Missing Message</b>
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<b>DTC</b>	<b>U013187</b>	<b>Lost Communication with Power Steering Control Module "A" Missing Message</b>
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<b>DTC</b>	<b>U014087</b>	<b>Lost Communication with Body Control Module Missing Message</b>
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<b>DTC</b>	<b>U015587</b>	<b>Lost Communication with Instrument Panel Cluster (IPC) Control Module Missing Message</b>
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<b>DTC</b>	<b>U019887</b>	<b>Lost Communication with Telematic Control Module "A" Missing Message</b>
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<b>DTC</b>	<b>U026987</b>	<b>Lost Communication with Image Processing Sensor E Missing Message</b>
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<b>DTC</b>	<b>U029387</b>	<b>Lost Communication with Hybrid/EV Powertrain Control Module Missing Message</b>
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<b>DTC</b>	<b>U110687</b>	<b>Lost Communication with Electric Parking Brake Module Missing Message</b>
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<b>DTC</b>	<b>U111087</b>	<b>Lost Communication with Intuitive Parking Assist Module Missing Message</b>
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<b>DTC</b>	<b>U111287</b>	<b>Lost Communication with Combination Switch Control Module Missing Message</b>
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## DESCRIPTION

When a malfunction is detected between various ECUs and sensors, these DTCs are stored.

DTC NO.	DETECTION ITEM	DTC DETECTION CONDITION	TROUBLE AREA	DTC OUTPUT FROM	PRIORITY
U010087	Lost Communication with ECM/PCM "A" Missing Message	When a communication error between forward recognition camera and ECM is detected	CAN communication system	Front Recognition Camera	B
U010187	Lost Communication with TCM Missing Message	When a communication error between forward recognition camera and hybrid vehicle control ECU is detected	CAN communication system	Front Recognition Camera	B
U010387	Lost Communication with Gear Shift Control Module "A" Missing Message	When a communication error between forward recognition camera and transmission floor shift assembly is detected	CAN communication system	Front Recognition Camera	B
U012687	Lost Communication with Steering Angle Sensor Module Missing Message	When a communication error between forward recognition camera and steering sensor is detected	CAN communication system	Front Recognition Camera	B
U012987	Lost Communication with Brake System Control Module "A" Missing Message	When a communication error between forward recognition camera and No. 2 skid control ECU (brake actuator assembly) is detected	CAN communication system	Front Recognition Camera	B
U013187	Lost Communication with Power Steering Control Module "A" Missing Message	When a communication error between forward recognition camera and power steering ECU assembly is detected	CAN communication system	Front Recognition Camera	B
U014087	Lost Communication with Body Control Module Missing Message	When a communication error between forward recognition camera and main body ECU (multiplex network body ECU) detected	CAN communication system	Front Recognition Camera	B
U015587	Lost Communication with Instrument Panel Cluster	When a communication error between forward recognition	CAN communication	Front Recognition	B

DTC NO.	DETECTION ITEM	DTC DETECTION CONDITION	TROUBLE AREA	DTC OUTPUT FROM	PRIORITY
	(IPC) Control Module Missing Message	camera and combination meter assembly is detected	system	Camera	
U019887	Lost Communication with Telematic Control Module "A" Missing Message	When a communication error between forward recognition camera and telematics transceiver is detected	CAN communication system	Front Recognition Camera	B
U026987	Lost Communication with Image Processing Sensor E Missing Message	When a communication error between forward recognition camera and driver monitor ECU assembly is detected	CAN communication system	Front Recognition Camera	B
U029387	Lost Communication with Hybrid/EV Powertrain Control Module Missing Message	When a communication error between forward recognition camera and hybrid vehicle control ECU is detected	CAN communication system	Front Recognition Camera	B
U110687	Lost Communication with Electric Parking Brake Module Missing Message	When a communication error between forward recognition camera and No. 2 skid control ECU (brake actuator assembly) is detected	CAN communication system	Front Recognition Camera	B
U111087	Lost Communication with Intuitive Parking Assist Module Missing Message	When a communication error between forward recognition camera and clearance warning ECU assembly is detected	CAN communication system	Front Recognition Camera	B
U111287	Lost Communication with Combination Switch Control Module Missing Message	When a communication error between the forward recognition camera and steering sensor is detected	CAN communication system	Front Recognition Camera	B

## PROCEDURE

<b>1.</b>	<b>CLEAR DTC</b>
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(a) Clear the DTCs.

**Chassis > Front Recognition Camera > Clear DTCs**

**NEXT**



<b>2.</b>	<b>CHECK FOR DTCs</b>
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Pre-procedure1

(a) Make sure that the DTC detection conditions are met.

**HINT:**

If the detection conditions are not met, the system cannot detect the malfunction.

Procedure1

(b) Check for DTCs.

**Chassis > Front Recognition Camera > Trouble Codes**

RESULT	PROCEED TO
DTCs are not output	A
U010087, U010187, U010387, U012687, U012987, U013187, U014087, U015587, U019887, U026987, U029387, U110687, U111087 or U111287 is output	B

Post-procedure1

(c) None

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