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Model Year Start: 2023	**Model:** Prius	**Prod Date Range:** [12/2022 -]

Title: HEATING / AIR CONDITIONING: AIR CONDITIONING SYSTEM (for HEV Model): U010087,U013187,U014087,U015587,U016387,U019887,U029387; Lost Communication with ECM/PCM "A" Missing Message; 2023 - 2024 MY Prius [12/2022 -   ]

DTC	U010087	**Lost Communication with ECM/PCM "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 Powertrain Control Module Missing Message**

DESCRIPTION

DTC NO.	DETECTION ITEM	DTC DETECTION CONDITION	TROUBLE AREA	MEMORY	DTC OUTPUT FROM	PRIORITY
U010087	Lost Communication with ECM/PCM "A" Missing Message	Diagnosis Condition: IG voltage is 8.5 V or more. Malfunction: No communication with ECM Detection Time: Continuously for 10 seconds or	• CAN communication system • ECM • Air conditioning amplifier assembly	Memorized	Air Conditioner	B

DTC NO.	DETECTION ITEM	DTC DETECTION CONDITION	TROUBLE AREA	MEMORY	DTC OUTPUT FROM	PRIORITY
		more				
U013187	Lost Communication with Power Steering Control Module Missing Message	Diagnosis Condition: IG voltage is 8.5 V or more. Malfunction: No communication with power steering ECU assembly Detection Time: Continuously for 10 seconds or more	• CAN communication system • Power steering ECU assembly • Air conditioning amplifier assembly	Memorized	Air Conditioner	B
U014087	Lost Communication with Body Control Module Missing Message	Diagnosis Condition: IG voltage is 8.5 V or more. Malfunction: No communication with main body ECU (multiplex network body ECU) Detection Time: Continuously for 10 seconds or more	• CAN communication system • Main body ECU (multiplex network body ECU) • Air conditioning amplifier assembly	Memorized	Air Conditioner	B
U015587	Lost Communication with Instrument Panel Cluster (IPC) Control Module Missing Message	Diagnosis Condition: IG voltage is 8.5 V or more. Malfunction: No communication with combination meter assembly	• CAN communication system • Combination meter assembly • Air conditioning amplifier assembly	Memorized	Air Conditioner	B

DTC NO.	DETECTION ITEM	DTC DETECTION CONDITION	TROUBLE AREA	MEMORY	DTC OUTPUT FROM	PRIORITY
		Detection Time: Continuously for 10 seconds or more				
U016387	Lost Communication with Navigation Control Module Missing Message	Diagnosis Condition: IG voltage is 8.5 V or more. Malfunction: No communication with radio and display receiver assembly Detection Time: Continuously for 10 seconds or more	• CAN communication system • Radio and display receiver assembly • Air conditioning amplifier assembly	Memorized	Air Conditioner	B
U019887	Lost Communication with Telematic Control Module "A" Missing Message	Diagnosis Condition: IG voltage 8.5 V or higher Malfunction Status: No communication with DCM (telematics transceiver) Detection Time: Continuously for 10 seconds or more	• CAN communication system • DCM (telematics transceiver) • Air conditioning amplifier assembly	Memorized	Air Conditioner	B
U029387	Lost Communication with Hybrid Powertrain Control Module Missing Message	Diagnosis Condition: IG voltage is 8.5 V or more. Malfunction: No communication	• CAN communication system • Hybrid vehicle control ECU • Air conditioning amplifier assembly	Memorized	Air Conditioner	B

DTC NO.	DETECTION ITEM	DTC DETECTION CONDITION	TROUBLE AREA	MEMORY	DTC OUTPUT FROM	PRIORITY
		with hybrid vehicle control ECU Detection Time: Continuously for 10 seconds or more				

PROCEDURE

1.	GO TO CAN COMMUNICATION SYSTEM

HINT:

If CAN communication DTCs are output, refer to How to Proceed with Troubleshooting for the CAN communication system.

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