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Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [03/2023 -]
Title: METER / GAUGE / DISPLAY: METER / GAUGE SYSTEM: U010087,...,U113A87; 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	U010387	Lost Communication with Gear Shift Control Module "A" Missing Message
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DTC	U012687	Lost Communication with Steering Angle Sensor Module Missing Message
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DTC	U012787	Lost Communication with Tire Pressure Monitor Module Missing Message
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DTC	U012987	Lost Communication with Brake System Control Module Missing Message
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DTC	U013187	Lost Communication with Power Steering Control Module Missing Message
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DTC	U014087	Lost Communication with Body Control Module Missing Message
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DTC	U015187	Lost Communication with Restraints Control Module Missing Message
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DTC	U016387	Lost Communication with Navigation Control Module Missing Message
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DTC	U016487	Lost Communication with HVAC Control Module Missing Message
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DTC	U016887	Lost Communication with Vehicle Security Control Module Missing Message
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DTC	U018287	Lost Communication with Lighting Control Module Front Missing Message
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DTC	U019887	Lost Communication with Battery Charger Control Module Missing Message
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DTC	U023087	Lost Communication with Rear Gate Module Missing Message
DTC	U023387	Lost Communication with Side Obstacle Detection Control Module "B" Missing Message
DTC	U023A87	Lost Communication with Image Processing Module "A" Missing Message
DTC	U023B87	Lost Communication with Image Processing Module "B" Missing Message
DTC	U026987	Lost Communication with Image Processing Sensor E 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
DTC	U111087	Lost Communication with Clearance Sonar Module Missing Message
DTC	U111287	Lost Communication with Combination Switch Module Missing Message
DTC	U113387	Lost Communication with PMN Module Missing Message
DTC	U113A87	Lost Communication with Solar Charging Control Module Missing Message

DESCRIPTION

The combination meter assembly communicates with each ECU via CAN communication.

DTC NO.	DETECTION ITEM	DTC DETECTION CONDITION	TROUBLE AREA	DTC OUTPUT FROM	PRIORITY
U010087	Lost Communication With ECM/PCM "A" Missing Message	Diagnosis Condition: <ul style="list-style-type: none"> Ignition switch ON 	<ul style="list-style-type: none"> CAN communication system ECM 	Combination Meter	B

DTC NO.	DETECTION ITEM	DTC DETECTION CONDITION	TROUBLE AREA	DTC OUTPUT FROM	PRIORITY
		<ul style="list-style-type: none"> IG power source voltage is 9.5 V or more Malfunction Status: No communication with ECM Malfunction Time: 3.6 seconds or more	<ul style="list-style-type: none"> Combination meter assembly 		
U010387	Lost Communication with Gear Shift Control Module "A" Missing Message	Diagnosis Condition: <ul style="list-style-type: none"> Ignition switch ON IG power source voltage is 9.5 V or more Malfunction Status: No communication with shift control ECU (transmission floor shift assembly) Malfunction Time: 5.0 seconds or more	<ul style="list-style-type: none"> CAN communication system Shift control ECU (Transmission floor shift assembly) Combination meter assembly 	Combination Meter	B
U012687	Lost Communication with Steering Angle Sensor Module Missing Message	Diagnosis Condition: <ul style="list-style-type: none"> Ignition switch ON IG power source voltage is 9.5 V or more Malfunction Status: No communication with steering sensor Malfunction Time: 3.6 seconds or more	<ul style="list-style-type: none"> CAN communication system Steering sensor Combination meter assembly 	Combination Meter	B
U012787	Lost Communication with Tire Pressure Monitor Module Missing Message	Diagnosis Condition: <ul style="list-style-type: none"> Ignition switch ON IG power source voltage is 9.5 V or more 	<ul style="list-style-type: none"> CAN communication system Tire pressure warning ECU and receiver 	Combination Meter	B

DTC NO.	DETECTION ITEM	DTC DETECTION CONDITION	TROUBLE AREA	DTC OUTPUT FROM	PRIORITY
		<p>Malfunction Status:</p> <p>No communication with tire pressure warning ECU and receiver</p> <p>Malfunction Time:</p> <p>5.0 seconds or more</p>	<ul style="list-style-type: none"> Combination meter assembly 		
U012987	Lost Communication with Brake System Control Module Missing Message	<p>Diagnosis Condition:</p> <ul style="list-style-type: none"> Ignition switch ON IG power source voltage is 9.5 V or more <p>Malfunction Status:</p> <p>No communication with No. 2 skid control ECU (brake actuator assembly)</p> <p>Malfunction Time:</p> <p>1.0 or 3.6 seconds or more</p>	<ul style="list-style-type: none"> CAN communication system No. 2 skid control ECU (Brake actuator assembly) Combination meter assembly 	Combination Meter	B
U013187	Lost Communication with Power Steering Control Module Missing Message	<p>Diagnosis Condition:</p> <ul style="list-style-type: none"> Ignition switch ON IG power source voltage is 9.5 V or more <p>Malfunction Status:</p> <p>No communication with power steering ECU (Power Steering Motor)</p> <p>Malfunction Time:</p> <p>3.6 seconds or more</p>	<ul style="list-style-type: none"> CAN communication system Power steering ECU (Power Steering Motor) Combination meter assembly 	Combination Meter	B
U014087	Lost Communication with Body Control Module Missing Message	<p>Diagnosis Condition:</p> <ul style="list-style-type: none"> Ignition switch ON IG power source voltage is 9.5 V 	<ul style="list-style-type: none"> CAN communication system Main body ECU (Multiplex 	Combination Meter	B

DTC NO.	DETECTION ITEM	DTC DETECTION CONDITION	TROUBLE AREA	DTC OUTPUT FROM	PRIORITY
		<p>or more</p> <p>Malfunction Status:</p> <p>No communication with main body ECU (multiplex network body ECU)</p> <p>Malfunction Time:</p> <p>5.0 seconds or more</p>	<p>network body ECU)</p> <ul style="list-style-type: none"> Combination meter assembly 		
U015187	Lost Communication with Restraints Control Module Missing Message	<p>Diagnosis Condition:</p> <ul style="list-style-type: none"> Ignition switch ON IG power source voltage is 9.5 V or more <p>Malfunction Status:</p> <p>No communication with airbag sensor assembly</p> <p>Malfunction Time:</p> <p>5.0 seconds or more</p>	<ul style="list-style-type: none"> CAN communication system Airbag sensor assembly Combination meter assembly 	Combination Meter	B
U016387	Lost Communication with Navigation Control Module Missing Message	<p>Diagnosis Condition:</p> <ul style="list-style-type: none"> Ignition switch ON IG power source voltage is 9.5 V or more <p>Malfunction Status:</p> <p>No communication with radio and display receiver assembly</p> <p>Malfunction Time:</p> <p>5.0 seconds or more</p>	<ul style="list-style-type: none"> CAN communication system Radio and display receiver assembly Combination meter assembly 	Combination Meter	B
U016487	Lost Communication with HVAC Control Module Missing Message	<p>Diagnosis Condition:</p> <ul style="list-style-type: none"> Ignition switch ON IG power source voltage is 9.5 V 	<ul style="list-style-type: none"> CAN communication system Air conditioning amplifier 	Combination Meter	B

DTC NO.	DETECTION ITEM	DTC DETECTION CONDITION	TROUBLE AREA	DTC OUTPUT FROM	PRIORITY
		<p>or more</p> <p>Malfunction Status:</p> <p>No communication with air conditioning amplifier assembly</p> <p>Malfunction Time:</p> <p>5.0 seconds or more</p>	<p>assembly</p> <ul style="list-style-type: none"> Combination meter assembly 		
U016887	Lost Communication with Vehicle Security Control Module Missing Message	<p>Diagnosis Condition:</p> <ul style="list-style-type: none"> Ignition switch ON IG power source voltage is 9.5 V or more <p>Malfunction Status:</p> <p>No communication with certification ECU (smart key ECU assembly)</p> <p>Malfunction Time:</p> <p>5.0 seconds or more</p>	<ul style="list-style-type: none"> CAN communication system Certification ECU (Smart key ECU assembly) Combination meter assembly 	Combination Meter	B
U018287	Lost Communication with Lighting Control Module Front Missing Message	<p>Diagnosis Condition:</p> <ul style="list-style-type: none"> Ignition switch ON IG power source voltage is 9.5 V or more <p>Malfunction Status:</p> <p>No communication with headlight ECU sub-assembly LH</p> <p>Malfunction Time:</p> <p>5.0 seconds or more</p>	<ul style="list-style-type: none"> CAN communication system Headlight ECU sub-assembly LH Combination meter assembly 	Combination Meter	B

DTC NO.	DETECTION ITEM	DTC DETECTION CONDITION	TROUBLE AREA	DTC OUTPUT FROM	PRIORITY
U019B87	Lost Communication with Battery Charger Control Module Missing Message	<p>Diagnosis Condition:</p> <ul style="list-style-type: none"> Ignition switch ON IG power source voltage is 9.5 V or more <p>Malfunction Status:</p> <p>No communication with electric vehicle charger assembly</p> <p>Malfunction Time:</p> <p>5.0 seconds or more</p>	<ul style="list-style-type: none"> CAN communication system Electric vehicle charger assembly Combination meter assembly 	Combination Meter	B
U023087	Lost Communication with Rear Gate Module Missing Message	<p>Diagnosis Condition:</p> <ul style="list-style-type: none"> Ignition switch ON IG power source voltage is 9.5 V or more <p>Malfunction Status:</p> <p>No communication with multiplex network door ECU</p> <p>Malfunction Time:</p> <p>5.0 seconds or more</p>	<ul style="list-style-type: none"> CAN communication system Multiplex network door ECU Combination meter assembly 	Combination Meter	B
U023387	Lost Communication with Side Obstacle Detection Control Module "B" Missing Message	<p>Diagnosis Condition:</p> <ul style="list-style-type: none"> Ignition switch ON IG power source voltage is 9.5 V or more <p>Malfunction Status:</p> <p>No communication with blind spot monitor sensor LH (B)</p> <p>Malfunction Time:</p> <p>5.0 seconds or more</p>	<ul style="list-style-type: none"> CAN communication system Blind spot monitor sensor LH (B) Combination meter assembly 	Combination Meter	B

DTC NO.	DETECTION ITEM	DTC DETECTION CONDITION	TROUBLE AREA	DTC OUTPUT FROM	PRIORITY
U023A87	Lost Communication with Image Processing Module "A" Missing Message	<p>Diagnosis Condition:</p> <ul style="list-style-type: none"> Ignition switch ON IG power source voltage is 9.5 V or more <p>Malfunction Status:</p> <p>No communication with forward recognition camera</p> <p>Malfunction Time:</p> <p>5.0 seconds or more</p>	<ul style="list-style-type: none"> CAN communication system Forward recognition camera Combination meter assembly 	Combination Meter	B
U023B87	Lost Communication with Image Processing Module "B" Missing Message	<p>Diagnosis Condition:</p> <ul style="list-style-type: none"> Ignition switch ON IG power source voltage is 9.5 V or more <p>Malfunction Status:</p> <p>No communication with parking assist ECU</p> <p>Malfunction Time:</p> <p>5.1 seconds or more</p>	<ul style="list-style-type: none"> CAN communication system Parking assist ECU Combination meter assembly 	Combination Meter	B
U026987	Lost Communication with Image Processing Sensor E Missing Message	<p>Diagnosis Condition:</p> <ul style="list-style-type: none"> Ignition switch ON IG power source voltage is 9.5 V or more <p>Malfunction Status:</p> <p>No communication with driver monitor ECU assembly</p> <p>Malfunction Time:</p> <p>3.6 seconds or more</p>	<ul style="list-style-type: none"> CAN communication system Driver monitor ECU assembly Combination meter assembly 	Combination Meter	B

DTC NO.	DETECTION ITEM	DTC DETECTION CONDITION	TROUBLE AREA	DTC OUTPUT FROM	PRIORITY
U029387	Lost Communication with Hybrid/EV Powertrain Control Module Missing Message	<p>Diagnosis Condition:</p> <ul style="list-style-type: none"> Ignition switch ON IG power source voltage is 9.5 V or more <p>Malfunction Status:</p> <p>No communication with hybrid vehicle control ECU</p> <p>Malfunction Time:</p> <p>3.6 seconds or more</p>	<ul style="list-style-type: none"> CAN communication system Hybrid vehicle control ECU Combination meter assembly 	Combination Meter	B
U110687	Lost Communication with Electric Parking Brake Module Missing Message	<p>Diagnosis Condition:</p> <ul style="list-style-type: none"> Ignition switch ON IG power source voltage is 9.5 V or more <p>Malfunction Status:</p> <p>No communication with No. 2 skid control ECU (brake actuator assembly)</p> <p>Malfunction Time:</p> <p>3.6 seconds or more</p>	<ul style="list-style-type: none"> CAN communication system No. 2 skid control ECU (Brake actuator assembly) Combination meter assembly 	Combination Meter	B
U111087	Lost Communication with Clearance Sonar Module Missing Message	<p>Diagnosis Condition:</p> <ul style="list-style-type: none"> Ignition switch ON IG power source voltage is 9.5 V or more <p>Malfunction Status:</p> <p>No communication with clearance warning ECU assembly</p> <p>Malfunction Time:</p> <p>5.0 seconds or more</p>	<ul style="list-style-type: none"> CAN communication system Clearance warning ECU assembly Combination meter assembly 	Combination Meter	B

DTC NO.	DETECTION ITEM	DTC DETECTION CONDITION	TROUBLE AREA	DTC OUTPUT FROM	PRIORITY
U111287	Lost Communication with Combination Switch Module Missing Message	<p>Diagnosis Condition:</p> <ul style="list-style-type: none"> Ignition switch ON IG power source voltage is 9.5 V or more <p>Malfunction Status:</p> <p>No communication with steering sensor</p> <p>Malfunction Time:</p> <p>10.0 seconds or more</p>	<ul style="list-style-type: none"> CAN communication system Steering sensor Combination meter assembly 	Combination Meter	B
U113387	Lost Communication with PMN Module Missing Message	<p>Diagnosis Condition:</p> <ul style="list-style-type: none"> Ignition switch ON IG power source voltage is 9.5 V or more <p>Malfunction Status:</p> <p>No communication with certification ECU (smart key ECU assembly)</p> <p>Malfunction Time:</p> <p>3.6 seconds or more</p>	<ul style="list-style-type: none"> CAN communication system Certification ECU (Smart key ECU assembly) Combination meter assembly 	Combination Meter	B

DTC NO.	DETECTION ITEM	DTC DETECTION CONDITION	TROUBLE AREA	DTC OUTPUT FROM	PRIORITY
U113A87	Lost Communication with Solar Charging Control Module Missing Message	<p>Diagnosis Condition:</p> <ul style="list-style-type: none"> Ignition switch ON IG power source voltage is 9.5 V or more <p>Malfunction Status:</p> <p>No communication with solar energy control ECU assembly</p> <p>Malfunction Time:</p> <p>10.0 seconds or more</p>	<ul style="list-style-type: none"> CAN communication system Solar Energy Control ECU Assembly Combination meter assembly 	Combination Meter	B

PROCEDURE

1.	CHECK FOR DTC
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(a) Check for DTCs.

Body Electrical > Combination Meter > Trouble Codes

NEXT ▶ GO TO CAN COMMUNICATION SYSTEM

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

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

