

<b>Last Modified:</b> 12-04-2024	6.11:8.1.0	<b>Doc ID:</b> RM10000002BMER
<b>Model Year Start:</b> 2023	<b>Model:</b> Prius Prime	<b>Prod Date Range:</b> [03/2023 - ]
<b>Title:</b> M20A-FXS (BATTERY / CHARGING): SOLAR CHARGING SYSTEM: DIAGNOSTIC TROUBLE CODE CHART; 2023 - 2024 MY Prius Prius Prime [03/2023 - ]		

## DIAGNOSTIC TROUBLE CODE CHART

### Solar Charging System

DTC NO.	DETECTION ITEM	WARNING INDICATE	DTC OUTPUT FROM	PRIORITY	LINK
P195549	Solar Charger Intermediate Circuit Internal Electronic Failure	Solar Charging Warning Light: Comes on	Solar Charging Control	A	<a href="#">INFO</a>
P195717	Solar Charger Battery Output Voltage Circuit Voltage Above Threshold	Solar Charging Warning Light: Comes on	Solar Charging Control	A	<a href="#">INFO</a>
P196000	Auxiliary Battery DC/DC Converter Output Current Sensor Circuit Low	Solar Charging Warning Light: Comes on	Solar Charging Control	A	<a href="#">INFO</a>
P196062	Auxiliary Battery DC/DC Converter Output Current Sensor Signal Compare Failure	Solar Charging Warning Light: Comes on	Solar Charging Control	A	<a href="#">INFO</a>
P196100	Solar Charger DC/DC Converter "B" Output Power Performance	Solar Charging Warning Light: Comes on	Solar Charging Control	A	<a href="#">INFO</a>
P196200	Solar Charger DC/DC Converter "C" Output Power Performance	Solar Charging Warning Light: Comes on	Solar Charging Control	A	<a href="#">INFO</a>
P196312	Solar Charger Input Voltage Sensor "B" Circuit Short to Battery	Solar Charging Warning Light: Comes on	Solar Charging Control	A	<a href="#">INFO</a>
P196762	Solar Charger DC/DC Converter "A" Output Power Signal Compare Failure	Solar Charging Warning Light: Comes on	Solar Charging Control	A	<a href="#">INFO</a>

DTC NO.	DETECTION ITEM	WARNING INDICATE	DTC OUTPUT FROM	PRIORITY	LINK
P196817	Solar Charger DC/DC Converter Output Circuit Voltage Above Threshold	Solar Charging Warning Light: Comes on	Solar Charging Control	A	<a href="#">INFO</a>
P19697E	Auxiliary Battery DC/DC Converter Shutdown Relay Actuator Stuck On	Solar Charging Warning Light: Comes on	Solar Charging Control	A	<a href="#">INFO</a>
P19A012	Solar Charger DC/DC Converter Current Sensor Circuit Short to Battery	Solar Charging Warning Light: Comes on	Solar Charging Control	A	<a href="#">INFO</a>
P19A014	Solar Charger DC/DC Converter Current Sensor Circuit Short to Ground or Open	Solar Charging Warning Light: Comes on	Solar Charging Control	A	<a href="#">INFO</a>
P19A412	Solar Charger Output Voltage Sensor "B" Circuit Short to Battery	Solar Charging Warning Light: Comes on	Solar Charging Control	A	<a href="#">INFO</a>
P19A800	Auxiliary Battery DC/DC Converter Output Power Performance	Solar Charging Warning Light: Comes on	Solar Charging Control	A	<a href="#">INFO</a>
P19A802	Auxiliary Battery DC/DC Converter Output Power General Signal Failure	Solar Charging Warning Light: Comes on	Solar Charging Control	A	<a href="#">INFO</a>
P19A862	Auxiliary Battery DC/DC Converter Output Power Signal Compare Failure	Solar Charging Warning Light: Comes on	Solar Charging Control	A	<a href="#">INFO</a>
P19A962	Solar Charger DC/DC Converter Output Voltage / Auxiliary Battery DC/DC Converter Input Voltage Signal Compare Failure	Solar Charging Warning Light: Comes on	Solar Charging Control	A	<a href="#">INFO</a>
P1EA412	Solar Charging Voltage Sensor Circuit Short to Auxiliary Battery	Solar Charging Warning Light: Comes on	Solar Charging Control	A	<a href="#">INFO</a>
P1EA414	Solar Charging Voltage Sensor Circuit Short to Ground or Open	Solar Charging Warning Light: Comes on	Solar Charging Control	A	<a href="#">INFO</a>

DTC NO.	DETECTION ITEM	WARNING INDICATE	DTC OUTPUT FROM	PRIORITY	LINK
P1EBA12	Solar Charger Input Voltage Sensor "A" Circuit Short to Battery	Solar Charging Warning Light: Comes on	Solar Charging Control	A	<a href="#">INFO</a>
P1ECA00	Solar Charging Permission Signal Stuck On	Solar Charging Warning Light: Comes on	Solar Charging Control	A	<a href="#">INFO</a>
P1ECB00	Solar Charging Permission Signal Stuck Off	Solar Charging Warning Light: Comes on	Solar Charging Control	A	<a href="#">INFO</a>
P1EDB49	Solar Charger Control Module A/D Processing Internal Electronic Failure	Solar Charging Warning Light: Comes on	Solar Charging Control	A	<a href="#">INFO</a>
U115087	Lost Communication with Hybrid Powertrain Control Module (Hybrid/EV Battery Local Bus) Missing Message	Solar Charging Warning Light: Comes on	Solar Charging Control	B	<a href="#">INFO</a>
U115387	Lost Communication with Battery Charger Control Module "A" (ch2) Missing Message	Solar Charging Warning Light: Comes on	Solar Charging Control	B	<a href="#">INFO</a>
U117B87	Lost Communication with Battery Energy Control Module "A" (ch2) Missing Message	Solar Charging Warning Light: Comes on	Solar Charging Control	B	<a href="#">INFO</a>

