

<b>Last Modified:</b> 2-3-2017	6.6 C	<b>Doc ID:</b> RM000001PRA009X
<b>Model Year Start:</b> 2007	<b>Model:</b> Prius	<b>Prod Date Range:</b> [08/2006 - ]
<b>Title:</b> P112 HYBRID VEHICLE CONTROL: HYBRID CONTROL SYSTEM: P3004-131; Power Cable Malfunction; 2007 MY Prius [08/2006 - ]		

<b>DTC</b>	<b>P3004-131</b>	<b>Power Cable Malfunction</b>
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## **DESCRIPTION**

<b>DTC NO.</b>	<b>INF CODE</b>	<b>DTC DETECTION CONDITION</b>	<b>TROUBLE AREA</b>
P3004	131	<p>High voltage fuse has blown out, service plug grip is disconnected or limiter resistance is cut off</p> <p>Although commanded to turn on SMR when the power switch was turned on (READY), the voltage did not increase after boosting.</p> <p>High voltage circuit malfunction between the HV battery and inverter with converter assembly (1 trip detection logic)</p>	<ul style="list-style-type: none"> <li>• HV battery system</li> <li>• System main resistor</li> <li>• No. 1 system main relay</li> <li>• No. 2 system main relay</li> <li>• No. 3 system main relay</li> <li>• Main battery cable</li> <li>• No. 2 main battery cable</li> <li>• Frame wire</li> <li>• Inverter with converter assembly</li> <li>• HV control ECU</li> </ul>

**HINT:**

This DTC may be stored if the EV battery fuse in the service plug grip is blown, the service plug grip is disconnected, or there is an open in No. 1 system main relay, No. 2 system main relay or the system main resistor.

## **WIRING DIAGRAM**

Refer to DTC P0A78 (INF 266) [REDACTED] .