

April 20, 2005

2004-2005 Toyota Prius

TSB EG017-05

“The inverter/converter assembly has been improved to prevent this condition”

May 24, 2005

2004-2005 Toyota Prius

TSB EG025-05

“The inverter/converter assembly has been improved to prevent this condition”

March 3, 2006

2006 Highlander Hybrid

TSB EG017-06

“An updated inverter/converter is available to correct this specific condition”

December 16, 2008

2006-2008 Highlander Hybrid

TSB 0386-08

“The inverter with converter assembly has been improved to address this condition”

June 29, 2011

2006-2007 Highlander Hybrid

2006-2007 Lexus RX400h

Safety Recall 11V-342 or Toyota’s B0J Safety Recall

“The Intelligent Power Module (IPM) is located inside of the Hybrid System Inverter (Inverter) and contains a control board with transistors. Certain transistors on the control boards of some of the subject vehicles were inadequately soldered and could be damaged from heat caused by a large current during high-load driving. If this occurs, various warning lamps will be illuminated on the instrument panel. The vehicle may enter a fail-safe/limp-home mode that limits the driving speed of the vehicle. Also, It is possible that the hybrid system will shut down while the vehicle is being driven, causing the vehicle to stall unexpectedly, increasing the risk of a crash.”

September 4, 2013

2006-2010 Highlander Hybrid

2006-2008 Lexus RX400h

Safety Recall 13V-396 or Toyota’s BSJ Safety Recall

“TMS received calls from a limited number of dealers indicating that vehicles were experiencing symptoms of the recall after being inspected. Upon investigation, it was discovered that some inspections were not correctly performed following the two-step inspection process. In

addition, some characters in the Inverter serial number may have not been input into the website correctly. As a result, some vehicles that needed the IPM to be replaced may not have had the remedy applied correctly. Based upon this information, Toyota will be re-notifying approximately 7,000 Highlander HV vehicle owners whose vehicles received “inspection only”. The notification will apologize to customers and inform them that their vehicle may not have been inspected correctly and Toyota/Lexus will inspect the vehicle a second time.”

December 19, 2013

2004-2009 Prius

TSB 0186-13

“Sub component diagnosis and replacement is now available for the Hybrid Inverter with Converter assembly”

February 12, 2014

2010-2014 Prius

Safety Recall 14V-053 or Toyota’s E0E Safety Recall

“Inside the Hybrid Inverter Assembly is an Intelligent Power Module (IPM) which contains a control board equipped with transistors. Due to software programming in the involved vehicles, certain transistors in the IPM could become damaged when operating the vehicle under high-load driving conditions, such as accelerating during highway driving. If this occurs, various warning lamps on the instrument panel will illuminate. In most cases the vehicle will enter a fail-safe mode, resulting in reduced motive power in which the vehicle can still be driven for short distances. In limited instances, the motor/generator ECU could reset, causing the hybrid system to shut down, resulting in the vehicle stopping while being driven and increasing the risk of a crash.”

Circa August 8, 2014

2010-2014 Prius

Warranty Enhancement ZE3

“In these vehicles, Toyota has received some reports where the Intelligent Power Module (IPM) located inside the inverter assembly of the hybrid system may fail. This condition is indicated by hybrid system diagnostic trouble codes (DTCs): P0A94, P324E, P3004, and/or P0A1A. If one or more of these DTCs are detected, various warning lamps on the instrument panel will also illuminate and the vehicle will enter fail safe mode.”

July 15, 2015

2012-2014 Prius V

Safety Recall 15V-449 or Toyota’s F0R Safety Recall

“Inside the Hybrid Inverter Assembly is an Intelligent Power Module (IPM) which contains a control board equipped with transistors. In certain Model Year 2012-2014 Prius V vehicles, the

current software settings for the motor generator ECU and power management ECU could result in higher thermal stress in certain transistors, potentially causing them to become damaged. If this happens, various warning lights will illuminate and the vehicle can enter a failsafe mode. In rare circumstances, the hybrid system might shut down while the vehicle is being driven, resulting in the loss of power and the vehicle coming to a stop, increasing the risk of a crash.”

Circa June 2016

2012-2014 Prius V

Warranty Enhancement ZF5

“In these vehicles, Toyota has received some reports where the Intelligent Power Module (IPM) located inside the inverter assembly of the hybrid system may fail. This condition is indicated by hybrid system diagnostic trouble codes (DTCs): P0A94, P324E, P3004, and/or P0A1A. If one or more of these DTCs are detected, various warning lamps on the instrument panel will also illuminate and the vehicle will enter fail safe mode.”

January 4, 2018

2012-2015 Prius Plug-In

Safety Recall 17V-718 or Toyota’s H0R Safety Recall

“The hybrid system on the involved vehicles contain an Electric Vehicle (EV) Fuse which may malfunction if the vehicle is repeatedly operated by the electric motor under high-load driving conditions, such as during a long hill climb. If the fuse malfunctions, warning lights and warning messages will illuminate. In some cases, the vehicle can be driven, but with reduced power. In other cases, the hybrid system could shut down, resulting in the loss of motive power. Power steering and braking will not be affected. Loss of motive power while driving at higher speeds can increase the risk of a crash.”