

HV Inverter Repair Components Available

Service Category General

Section Introduction

Market USA

Toyota Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2012 - 2015	Prius V	
2010 - 2015	Prius	

SUPERSESSION NOTICE

The information contained in this bulletin supersedes Service Bulletin No. T-SB-0092-14.

- The Parts Information section has been updated.

Service Bulletin No. T-SB-0092-14 is obsolete and any printed versions should be discarded.

Introduction

The purpose of this general information Service Bulletin is to inform the market that sub-component diagnosis and replacement is now available for the hybrid inverter with converter assembly equipped on 2010 – 2015 model year Prius and 2012 – 2015 model year Prius V vehicles.

Warranty Information

APPLICABLE WARRANTY

Please refer to vehicle Warranty and Maintenance Guide.

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Parts Information

NOTE

Not all parts listed are needed for HV inverter repair, this list is for reference only. Refer to the Repair Manual for appropriate components based on the condition BEFORE ordering any parts.

MODEL YEAR	MODEL	PART NUMBER	PART NAME	QTY	NOTES
All	Prius	G920H-47030	Computer Sub-Assy, MG Control With Bracket	1	-
	Prius V	G920H-47040			
	Prius, Prius V	G9207-47040	Terminal Sub-Assy, Inverter With Sensor	1	-
		G920J-52010	Sensor Sub-Assy, Inverter Current	1	-
		G9208-47090	Wire Sub-Assy, Inverter	1	-
2010 – 2011	Prius	04899-47020	Transistor Kit, Power Module Intelligent (IPM)	1	-
2012 – 2015	Prius, Prius V	04899-47021			
2010 – 2011	Prius	04899-47030	Converter Kit, Hybrid Vehicle	1	-
2012 – 2015	Prius, Prius V	04899-47040			
2014 – 2015	Prius V	04899-47080			
All		04899-47060	Plug Kit, Inverter Drain	1	Required with any repair procedures.
		G922L-47010	Cover, Inverter Signal Connector	1	Parts not required, available in case of breakage.
		91551-80618	Bolt, Flange	1	
		091X1-47020	Seal, Masking, No. 1	1	Part included in IPM and Converter Kit, available in case spare is needed.
		08887-02809	Toyota Thermal Grease X-23-7884-4	2	Used only for IPM or converter replacement. Product has shelf life of 1 year, do NOT use if stored past 1 year.
		08826-00100	Seal Packing or Equivalent	1	-

NOTE

Part numbers are subject to change.

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Repair Procedure

1. Please use the diagnostic and repair procedures provided in the applicable Repair Manual.
2. Refer to TIS, applicable model and model year Repair Manual:
 - 2010 Prius:
Engine/Hybrid System – Hybrid/Battery Control System – “[Hybrid / Battery Control: Hybrid Control System: How To Proceed With Troubleshooting](#)”

NOTICE

There are multiple inverters for 2010 Prius. Please identify which inverter the vehicle is equipped with and which parts are available for replacement. The identification method can be found in the Repair Manual:

- 2010 Prius:
Engine/Hybrid System – Hybrid/Battery Control System – “[Hybrid / Battery Control: Hybrid Control System: DTC Check / Clear](#)”
- 2011 Prius:
Engine/Hybrid System – Hybrid/Battery Control System – “[Hybrid / Battery Control: Hybrid Control System: How To Proceed With Troubleshooting](#)”
- 2012 Prius:
Engine/Hybrid System – Hybrid/Battery Control System – “[Hybrid / Battery Control: Hybrid Control System: How To Proceed With Troubleshooting](#)”
- 2013 Prius:
Engine/Hybrid System – Hybrid/Battery Control System – “[Hybrid / Battery Control: Hybrid Control System: How To Proceed With Troubleshooting](#)”
- 2014 Prius:
Engine/Hybrid System – Hybrid/Battery Control System – “[Hybrid / Battery Control: Hybrid Control System: How To Proceed With Troubleshooting](#)”
- 2015 Prius:
Engine/Hybrid System – Hybrid/Battery Control System – “[Hybrid / Battery Control: Hybrid Control System: How To Proceed With Troubleshooting](#)”

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Repair Procedure (continued)

- 2012 Prius V:
Engine/Hybrid System – Hybrid/Battery Control System – [“Hybrid / Battery Control: Hybrid Control System: How To Proceed With Troubleshooting”](#)
- 2013 Prius V:
Engine/Hybrid System – Hybrid/Battery Control System – [“Hybrid / Battery Control: Hybrid Control System: How To Proceed With Troubleshooting”](#)
- 2014 Prius V:
Engine/Hybrid System – Hybrid/Battery Control System – [“Hybrid / Battery Control: Hybrid Control System: How To Proceed With Troubleshooting”](#)
- 2015 Prius V:
Engine/Hybrid System – Hybrid/Battery Control System – [“Hybrid / Battery Control: Hybrid Control System: How To Proceed With Troubleshooting”](#)