

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	

REVISION NOTICE

June 1, 2015 Rev2:

- Applicability has been updated to include 2012 – 2015 model year Prius V vehicles.
- Parts Information has been updated.

November 25, 2014 Rev1:

- Applicability has been updated to include 2015 model year Prius vehicles.
- Parts Information has been updated.

Any previous printed versions of this bulletin 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

Inverter refurbish is available under warranty. Warranty times for these procedures are included in the Flat Rate Manual. Reimbursement will be managed under the warranty policy.

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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.

PART NUMBER*	PART NAME	QTY	NOTES
G920H-47030	Computer Sub-Assy, MG Control w/Bracket	1	—
G920H-47040			
G9207-47040	Terminal Sub-Assy, Inverter w/Sensor	1	—
G920J-52010	Sensor Sub-Assy, Inverter Current	1	—
G9208-47090	Wire Sub-Assy, Inverter	1	—
04899-47020	Transistor Kit, Power Module Intelligent (IPM)	1	—
04899-47021			
04899-47030	Converter Kit, Hybrid Vehicle	1	—
04899-47040			
04899-47080			
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	—

* Part numbers are subject to change.

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Repair Procedure

Please utilize the diagnostic and repair procedures provided in the applicable vehicle Repair Manual.

Refer to the Technical Information System (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 MY 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](#)”
- 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](#)”

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Repair Procedure (Continued)

- 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](#)”