

HV Inverter Repair Components Available

Service
Category General

Section Introduction

Market USA

Toyota Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2010 – 2014	Prius	

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 – 2014 model year Prius vehicles.

Warranty

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

Parts Information

PART NUMBER*	PART NAME	QTY	NOTES	
G920H-47030	Computer Sub-Assy, MG Control w/Bracket	1		
G9207-47040	Terminal Sub-Assy, Inverter w/Sensor	1		
G920J-52010	Terminal Sub-Assy, Inverter Current	1		
G9208-47090	Wire Sub-Assy, Inverter	1		
04899-47020	Transistor Kit, Power Module Intelligent (IPM)	1		
04899-47030	Converter Kit, Hybrid Vehicle	1		
04899-47040				
04899-47050	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.	

HV Inverter Repair Components Available

Parts Information (Continued)

PART NUMBER*	PART NAME	QTY	NOTES
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.
08833-80090	Adhesive, TSE3971-W	1	Required with any repair procedure (this adhesive MUST be used, there are no alternatives).
			Product has shelf life of 1 year, do NOT use if stored past 1 year.

* Part numbers are subject to change

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](#)”