



Technical Service BULLETIN

May 24, 2005

Title:

**M.I.L. "ON" DTC P0A60, P0A63, P0A72,
P0A78, OR P0A7A**

Models:

'04 – '05 Prius

ENGINE
EG025-05
REVISED

TSB REVISION NOTICE:

- February 22, 2007: A note has been added to the Introduction, and the Op Code for "Connection of Toyota Diagnostic Tester" has been updated in the Warranty Information table.

Previous versions of this TSB should be discarded.

Introduction Some customers with 2004 or 2005 model year Prius vehicles may experience a M.I.L. "ON" condition with DTC P0A60, P0A63, P0A72, P0A78, or P0A7A (Drive Motor 'A' or Generator Phase W Malfunction). The inverter/converter assembly has been improved to address this condition.

NOTE:

Do NOT apply this TSB if DTC P3009 or P0AA6 is present. For DTC P3009 or P0AA6 refer to TSB No. EG017-05, "M.I.L. 'ON' DTC P0AA6 OR P3009, Information Codes 526 & 614", or EG045-06, "M.I.L. 'ON' DTC P0A60, P0A63, P0A72, P0A78, or P0A7A".

Applicable Vehicles

- 2004 model year **Prius** vehicles.
- 2005 model year **Prius** vehicles produced **BEFORE** the Production Change Effective VINs shown below.

Production Change Information

MODEL	PLANT	PRODUCTION CHANGE EFFECTIVE VIN*
Prius	Tsutsumi	JTDKB2#U#5 <u>3</u> 039000
	Toyota Auto Body	JTDKB2#U#5 <u>7</u> 011300

* Underlined number in VIN (11th digit) represents assembly plant line code.

Warranty Information

OP CODE	DESCRIPTION	TIME	OFP	T1	T2
890201	R & R w/Converter Inverter Assembly	1.9	G9200-47100	8A	99
Z-Hours	Connection of Toyota Diagnostic Tester	0.2			

Applicable Warranty**:

This repair is covered under the Toyota Hybrid Vehicle System Component Warranty. This warranty is in effect for 96 months or 100,000 miles, whichever occurs first, from the vehicle's in-service date.

For California specification 2004 Prius vehicles sold, registered, and operated in California, Maine, Massachusetts, New York, and Vermont, this repair is covered under the California Emission Warranty, which is in effect for 180 months or 150,000 miles, whichever occurs first, from the vehicle's in-service date.

For California specification 2005 Prius vehicles sold, registered, and operated in California, Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Rhode Island, and Vermont, this repair is covered under the California Emission Warranty, which is in effect for 180 months or 150,000 miles, whichever occurs first, from the vehicle's in-service date.



** Warranty application is limited to correction of a problem based upon a customer's specific complaint.



**Parts
Information**

PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY
G9200-47100	G9200-47120	Inverter Assembly, w/Converter	1
00272-SLLC2	Same	Super Long Life Coolant (SLLC)	1

**Required
SSTs**

ITEM NO.	SPECIAL SERVICE TOOLS (SSTs)	PART NUMBER	QTY	DRW**
1	Toyota Diagnostic Tester Kit* NOTE: <ul style="list-style-type: none"> All components from this kit/set are required 12 Megabyte Diagnostic Tester Program Card (P/N 01002593-005) with version 12.1a Software (or later) is required 	TOY220036	1	9
2	CAN Interface Module Kit* NOTE: <ul style="list-style-type: none"> All components from this kit/set are required 	01002744	1	9

* Essential SSTs.

** Drawer number in SST Storage System.

NOTE:

Additional Diagnostic Tester Kits, CAN Interface Modules, Program Cards, or other SSTs may be ordered by calling SPX/OTC at 1-800-933-8335.

**Repair
Procedure**

Remove and replace the inverter/converter assembly.

Refer to the Technical Information System (TIS): 2004 or 2005 model year Prius Repair Manual, *Hybrid Control System: W/converter Inverter Assy: Replacement*.