



Technical Service BULLETIN

April 28, 2006

Title: **AUTOMATIC HEADLIGHT LEVELING SYSTEM WARNING LIGHT "ON" OR FLASHING**

Models: **'04 - '05 Prius w/ HID Headlights**




ELECTRICAL
EL004-06

Introduction Some Prius vehicles, equipped with High-Intensity Discharge (HID) headlamps and an Automatic Leveling Light system, may experience a Master Warning Light and Automatic Headlight Leveling System Warning Light "ON" or flashing at times. An improved rear vehicle height control sensor has been introduced to correct this condition.

Applicable Vehicles

- **2004 - 2005** model year **Prius** vehicles equipped with an **Automatic Headlight Leveling System**.

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 13.3a 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
3	Diagnostic Check Wire* 	09843-18040	1	18

* Essential SSTs.

** Refers to 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.

Warranty Information

OP CODE	DESCRIPTION	TIME	OPF	T1	T2
EL5073	R & R Rear Height Control Sensor Sub-assembly	0.9	89408-47010	87	17

Applicable Warranty*:

This repair is covered under the Toyota Comprehensive Warranty. This warranty is in effect for 36 months or 36,000 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.

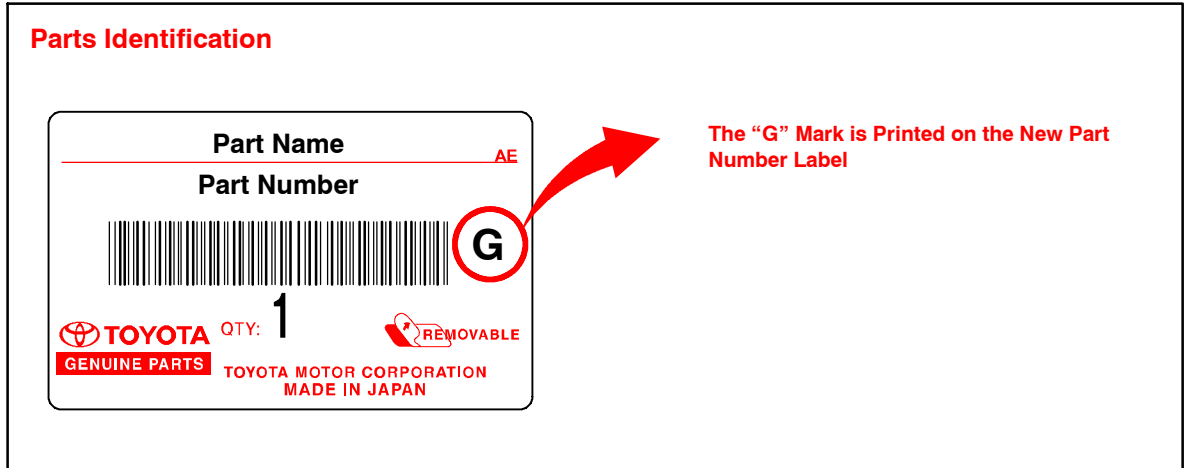


Parts Information

PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY
89408-47010	Same	Sensor Sub-assembly, Height Control, RR	1

Parts Identification

Countermeasure service parts can be identified by the letter “G” printed on the part number label.



Repair Procedure

1. Confirm the vehicle condition.
2. Remove and replace the rear height control sensor.
Refer to the Technical Information System (TIS), 2004 or 2005 model year Prius Repair Manual: *Lighting: Height Control Sensor Sub-Assy Rear: Replacement.*
3. Perform the Headlight Leveling ECU Initialization procedure using the SST.
 - **SST P/N: 09843-18040**
 Refer to TIS, 2004 or 2005 model year Prius Repair Manual: *Diagnostics: Lighting System: Initialization.*
4. Perform the Headlight Aim Only procedure.
Refer to TIS, 2004 or 2005 model year Prius Repair Manual: *Lighting: Headlamp Assy: Adjustment.*
5. Confirm that the headlight leveling system is operational and all codes have been cleared from the vehicle.