

MIL "ON" DTC P0A80 or P0A7F due to Dust or Debris in the HV Battery Cooling Fan

Service
Category Engine/Hybrid System

Section Hybrid/Battery Control System

Market USA

Toyota Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2007 – 2011	Camry HV	

Introduction

Some 2007 – 2011 model year Camry HV vehicles may exhibit a MIL "ON" condition with Diagnostic Trouble Code (DTC) P0A80 or P0A7F stored due to dust or debris build-up in the HV Battery Cooling Fan. Use the following repair procedure to address this condition.

Warranty Information

OP CODE	DESCRIPTION	TIME	OFP	T1	T2
EL1319	Clean HV Battery Cooling Fan, Replace HV Battery Assembly, and Install HV Battery Cooling Fan Intake Filter	2.0	G9510-33010	8A	99

APPLICABLE WARRANTY

- This repair is covered under the Toyota Hybrid System 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 Camry HV vehicles sold, registered, and operated in California, Connecticut, Maine, Maryland (starting with '11 MY), Massachusetts, New Hampshire ('07 MY – '09 MY), New Jersey, New Mexico ('10 MY – '11 MY), New York, Oregon, Rhode Island, and Vermont, this repair is covered under the California Emission Warranty, which is in effect for 120 months or 150,000 miles, whichever occurs first, from the vehicle's in-service date.
- Warranty application is limited to occurrence of the specified condition described in this bulletin.

Parts Information

PART NUMBER	PART NAME	QTY
G92DH-33010	Filter, HV Battery Intake, No. 1	1
G9510-33010	Battery Assembly, HV Supply	1

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Required Tools & Equipment

SPECIAL SERVICE TOOLS (SST)	PART NUMBER	QTY
Electrical Insulating Gloves*	00002-03100-S (Small)	1
	00002-03200-M (Medium)	
	00002-03300-L (Large)	

CAUTION

Always inspect Electrical Insulating Gloves before use for cracks, ruptures, tears, pinholes, or damage. Do NOT wear if damaged.

NOTE

Additional SSTs may be ordered by calling 1-800-933-8335.

REQUIRED EQUIPMENT	SUPPLIER	PART NUMBER	QTY
Techstream 2.0*	ADE	TS2UNIT	1
TIS Techstream		TSPKG1	
Techstream Lite		TSLITEDLR01	

* Essential SST.

NOTE

- Only ONE of the Techstream units listed above is required.
- Software version 9.00.025 or later is required.
- Additional Techstream units may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787.

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Repair Procedure

1. Inspect the HV Battery Cooling Fan for dust or debris build-up.

Refer to the Technical Information System (TIS), applicable model year Camry HV Repair Manual:

- [2007 \(03/2006 - 10/2006\)](#) / [2007 \(10/2006 -\)](#) / [2008](#) / [2009](#) / [2010](#) / [2011](#) Camry HV: *Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid Battery Control: Battery Blower: Removal”*

Is the HV Battery Cooling Fan clogged with dust or debris build-up? Refer to Figure 1 for an example of a clogged cooling fan.

Figure 1.



- **YES** – Proceed to step 2.
- **NO** – This bulletin does NOT apply. Install filter screen assembly and troubleshoot the vehicle using the applicable Repair Manual procedure.

Refer to TIS, applicable model year Camry HV Repair Manual:

P0A80:

- [2007](#) / [2008](#) / [2009](#) / [2010](#) / [2011](#) Camry HV: *Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid Battery Control: Hybrid Battery System: P0A80-123; Replace Hybrid Battery Pack”*

P0A7F:

- [2007](#) / [2008](#) / [2009](#) / [2010](#) / [2011](#) Camry HV: *Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid Battery Control: Hybrid Battery System: P0A7F-123; Hybrid Battery Pack Deterioration”*

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Repair Procedure (Continued)

2. Using vacuum, and compressed air, if necessary, clean any dust, lint, or debris buildup from the HV Battery Cooling Fan blades, module, and ducts.

NOTICE

Do NOT allow the cooling fan to spin freely during cleaning. This may damage the cooling fan motor.

3. Replace the HV Battery Assembly.

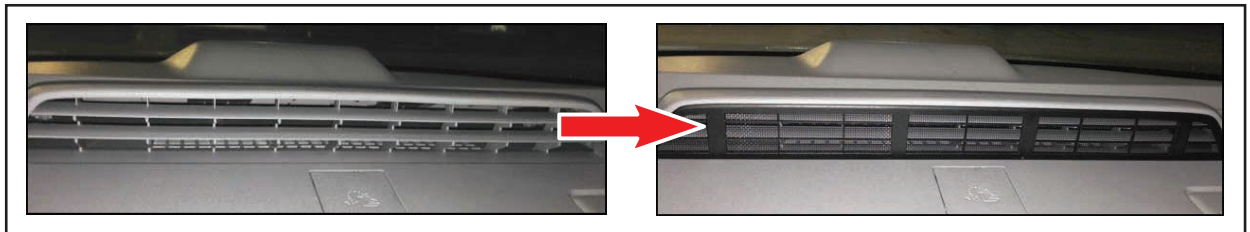
Refer to TIS, applicable model year Camry HV Repair Manual:

- [2007 \(03/2006 - 10/2006\)](#) / [2007 \(10/2006 -\)](#) / [2008](#) / [2009](#) / [2010](#) / [2011](#) Camry HV: Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid Battery Control: HV Battery: Removal”
 - [2007 \(03/2006 - 10/2006\)](#) / [2007 \(10/2006 -\)](#) / [2008](#) / [2009](#) / [2010](#) / [2011](#) Camry HV: Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid Battery Control: HV Battery: Installation”
4. Install the HV Battery Cooling Fan Intake Filter as shown.

NOTE

The filter should be cleaned when dust begins to appear on the surface.

Figure 2.



5. Clear any DTCs that have set during the Repair Procedure and test drive the vehicle to confirm normal operation.
6. For severe usage vehicles, refer to Service Bulletin [T-SB-0182-13](#), “HV Battery Cooling Fan Maintenance for Severe Usage Vehicles,” for additional HV Battery Cooling Fan maintenance recommendations.