

# Service Information

Mazda Motor Corporation

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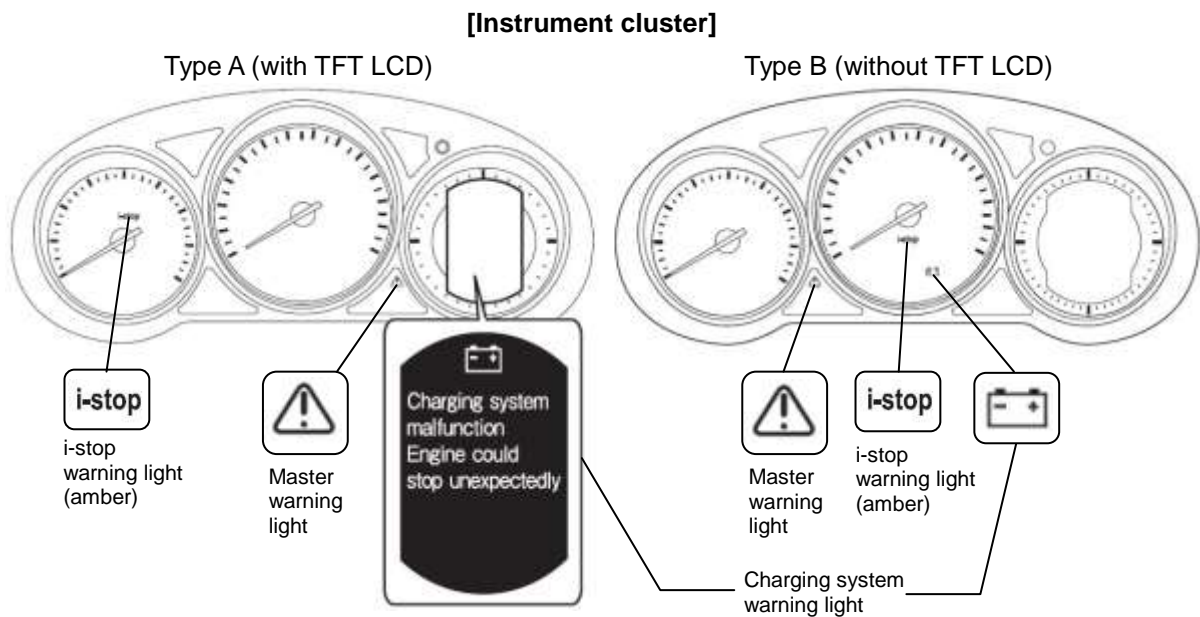
Category <b>G</b>	<b>Repair Guidance</b>	Ref. No. R092/12	Page 1 of 2
Coverage <input type="checkbox"/> Distributor only <input checked="" type="checkbox"/> Please inform your dealers		Date Issued December 19, 2012	
Please convey this information to your <input type="checkbox"/> Director <input checked="" type="checkbox"/> General Manager <input checked="" type="checkbox"/> Warranty Dept. <input checked="" type="checkbox"/> Parts Dept. <input checked="" type="checkbox"/> Training Dept. <input checked="" type="checkbox"/> Field Rep.		Date Revised	
Applicable Model  Mazda6 (GJ) with i-ELOOP		Applicable Countries or Specifications  Worldwide (except North America)	

## Subject: Charging System Warning Light Illumination with DTC P0A94:00/U3000:49

### DESCRIPTION

Some customers may experience some (or all) of the conditions below.

- 1) The charging system warning light suddenly illuminates.
- 2) The i-stop warning light (amber) and the master warning light suddenly flash.



### CAUSE

The integrated circuit of DC-DC converter is damaged by a surge voltage.

### MASS PRODUCTION CHANGE

A capacitor has been added to the integrated circuit.

**BEGINNING VIN & DATE OF MODIFICATION**

**ADR spec**

JM0 GJ \*\*\*\*\* 101083 November 20, 2012

**Algerian spec**

GJ \*\*\*\* 101083 November 20, 2012

**General spec**

JM6 GJ \*\*\*\*\* 101083 November 20, 2012

JM7 GJ \*\*\*\*\* 101083 November 20, 2012

**Israel spec**

JMZ GJ \*\*\*\*\* 101083 November 20, 2012

**EU spec**

JMZ GJ \*\*\*\*\* 112043 November 20, 2012

**REPAIR PROCEDURE**

When you encounter a customer complaint on this concern, replace the DC-DC converter with a modified one according to the Workshop Manual "DC-DC CONVERTER (i-ELOOP) REMOVAL/INSTALLATION [i-ELOOP]".

**PART INFORMATION**

Part Number		Part Name	Q'ty	Remark
New	Old			
GKK1 67 Y60A	GKK1 67 Y60	DC-DC converter (i-ELOOP)	1	For 4SD
GKH8 67 Y60B	GKH8 67 Y60A		1	For WGN

**WARRANTY INFORMATION**

Assembly group	G – Engine electrical system
Subassembly group	03 - GENERATOR
Symptom Code	6X
Damage Code	9W
Causal Part No.	GKK1 67 Y60A or GKH8 67 Y60B (DC-DC converter)
Q'ty	1
Operation No.	XXHAYXRX
Labor Hours	0.5H
Period Covered	Normal warranty period

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Technical Service Dept.  
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1CB1233145 (MC Internal Use)