

LG Electronics Inc.

Date of issue: 28 May. 2007

Buyer Model: LDS5811, LDF7811, LDF7810, LDF6810, LDF8812

LGE Model: LD-6090, LD-6100, LD-6105, LD-6300, LD-6310

Buyer Name: LGEAI, LGECI

Effective Date: 15 March. 2007

Applicable Serial No: 703KWXXXXX ~

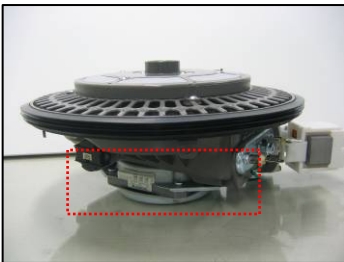
Subject: BLDC Motor Magnet Crack

1. Phenomenon : LE Error or Motor shaft locked (Won't Turn)

2. Reason : BLDC Motor Magnet is cracking. It was caused by chemical attack of the oils used in the manufacturing of the motor.

3. Improvement

- Sump Assembly



P/No: AJH31248602(New)
3485ED1002B(Old)

There are two Sump Assemblies
Energy consumption & wash
performance was improved Jan.
2007. (Refer to the SVC Bulletin
No. IDSW20070074)

- BLDC Motor



Rotor Assy

P/No: 4681ED1004A

15 March 2007~

-Core Press Oil improvement
-Injection Method Optimization

* Interchangeability Code	Alphabetic Code		Numeral Code	
	A	Interchangeable: Old and new parts can be used in products as the bulletin regardless of manufacturing date.	1	To improve performance
	B	Old parts can be substituted for new parts :Old parts can be used in products regardless of manufacture date. New parts can be used in new products only.	2	To improve productivity
	C	New parts can be substituted for old parts : Only new parts can be used in products regardless of manufacture date.	3	To improve reliability
	D	Not interchangeable : New parts can be used in new products only.	4	Change of material or dimension
			5	Addition
			6	Deletion
			7	Correction

Y.H.KIM

Y.H KIM
Dish Washer Engineering
Design Department.

SERVICE BULLETIN

WM

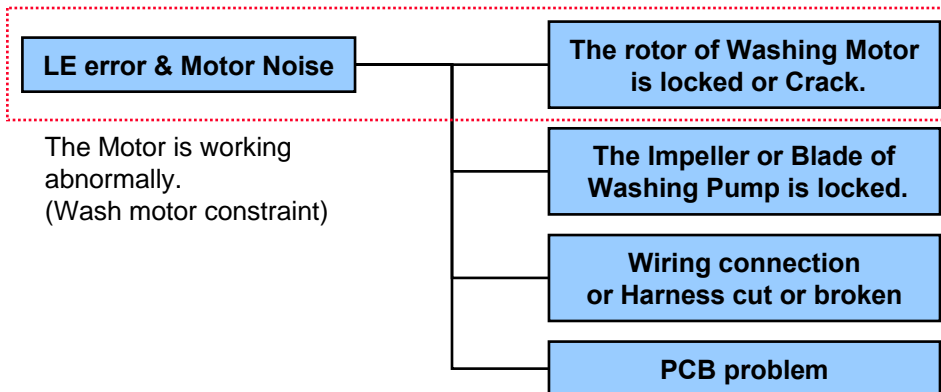
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4.SVC Method

Improved parts have been applied to all models that were produced since 15 March 2007. Use the following diagnostic chart to determine if the motor needs to be replaced.



When replacing the BLDC motor (P/n 4681ED1004A) in the dishwasher, verify the motor manufacturing date as shown below. Improved BLDC motor began **15 March 2007**. (Verify date on motor – the part number has not been changed)

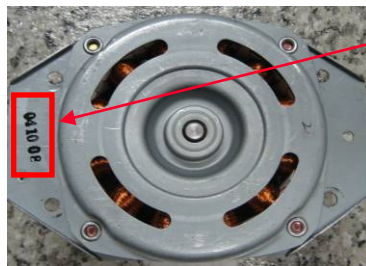
If manufacturing date is **before 15 March 2007** DO NOT USE THE MOTOR.

Manufactured date is marked on the bottom of upper bracket.

Motor Upper View



Motor Bottom View



Manufactured date

Korea date Marking : YY MM DD
(year/month/day)

SVC Motor Manufactured date must be after 070315 (15 March 2007)

[Differences before and after]

[P/No] Motor ASM : 4681ED1004A

The date code is the only visible difference between parts. The part number is unchanged.

[Parts Stock]

All old stock (dated prior to 15 Mar 2007) must be scrapped. All old motors will be replaced with new stock.

Appendix

Information of Sump Assy P/No. & PCB P/No.



(Refer to the SVC Bulletin No. IDSW20070074)

-Some parts have been changed to enhance energy performance (Sump, PCB, Blower, Vent, Water Guide)
(Energy consumption for one year reduced from 350kWh/year to 294kWh/year)

Main PCB Assembly

Period	501 ~ 512	601	602 ~612	701~
Spec	-	Add relay in Base* (Except LDF6810)	Change IPM maker & Add thermistor	Change PGM & Housing (Energy factor upgrade)
LDF7811-	6871DD1006A	6871DD1014A	6871DD1006E	6871DD1006J
LDF7810-	6871DD1006C	6871DD1014C	6871DD1006G	6871DD1006L
LDS5811-	6871DD1006B	6871DD1014B	6871DD1006F	6871DD1006K
LDF6810-	-	6871DD1006D	6871DD1006H	6871DD1006M
Interchangeable Parts: 6871DD1006A & 6871DD1006E; 6871DD1006C & 6871DD1006G; 6871DD1006B & 6871DD1006F; 6871DD1006D & 6871DD1006H				

Sump Assembly

Period	501 ~ 512	601 ~612	701~
P/No	3485ED1002A	3485ED1002B	AJH31248602
Shape			
	P/No: 3485ED1002A & 3485ED1002B are interchangeable.		

New models with updated parts can be identified by ECN code on Rating label and confirmed by lower nozzle. (Applied date: 02.Jan.2007)
Old parts **cannot** be used in the new models.

*See SB IDSW20060052 Heater Relay

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S/N :

1-800-243-0000



MODEL : LDF7811ST / 01

120V~, 60 Hz 11.5A

DIMENSION : 23-7/8" (W) x 25" (D) x 33-7/8" (H)

WEIGHT/PESO: 52 kg

DIMENSIONES: 23-7/8" (AN) x 25" (PROF) x 33-7/8" (AL)

MADE IN KOREA/FABRICADO EN COREA