

SB, Motor heat tolerance update, DM220, DM230, 2015-11

SYMPTOM/DESCRIPTION

Parts for the DM220 and DM230 have been updated to increase motor heat tolerance. Changes include:

- Updated materials of the insulation material in the Rotor
- The Stator/Rotor gap has increased
- The Stator has received metal clips on the coils instead of the nylon based clips seen today



Figure 1. DM220 and DM230 Rotor and Stator.

AFFECTED UNITS

All DM220 with Serial Numbers from 20153400001.

All DM230 with Serial Numbers from 20153400001.

CORRECTIVE ACTION

Repair and replace damaged parts.

For DM 220:

If related parts are replaced, Cover, Air Conductor, Gearbox Cover should be needed, please see [“B1500050 - SB, Gearbox and motor alignment update, DM 220, 2015-11”](#)

For DM230:

If related parts are replaced: Cover, Air Conductor, Gearbox Cover, please see:

[“B1500051 - SB, Gearbox update, DM230, 2015-11”](#)

PARTS INFORMATION

New part no.	Old Part no.	Name	Comment
589 27 28-02	587 23 12-01	Stator 120V	Scrap and substitute
589 27 28-01	587 23 12-02	Stator 230V	Scrap and substitute
505 57 66-02	505 57 66-01	Rotor 230V	Scrap and substitute
505 57 65-02	505 57 65-01	Rotor 120V	Scrap and substitute

Table 2. DM220 and DM230 parts replacement information.

Note: The parts information supersedes previously communicated parts information on Stator update in the Service Bulletin:

B1500013 “SB, Gearbox update, DM230, 2015-07”

WARRANTY INFORMATION

The normal warranty policy applies.