



Date: 17Aug2005

Page

Bulletin No. 689

Subject: Solenoid Fuel Pump Failures

Effective: Immediately

Model(s) or Series: All gasoline fueled generator sets

Description: Generator runs less than 2 hours then shuts down and will not restart

Symptom:

- ◆ Generator runs less than 2 hours and then shuts down and will not restart.
- ◆ The fuel flow may be restricted, causing the generator to exhibit symptoms of running out of fuel and shutting down.
- ◆ When the set is running or priming a loud clicking sound can be heard.
- ◆ Possible fault codes are 36, 13 and 15

Cause:

The root cause is a material specification and assembly issue that resulted in the pump's plunger sticking

- ◆ There is a remote chance that this issue can be intermittent in nature
- ◆ Failure rate expected to be approximately 10%

Correction:

If a generator set exhibits the symptoms described above and the fuel pump is in the affected date range, replace the pump. All pumps with a date code of **070705** and later (DDMMYY) and/or white dot are known to be good. (Reference picture below)

- ◆ Check your parts stock and do not use spare parts with a date code 010405 – 060705
- ◆ Distribution must identify affected new stock, mark scrap on receipt and then return to MDC for credit
- ◆ Order new pumps. MDC stock has been purged

Repair:

For HGJAx generators the repair is easier and quicker if you

- ◆ disconnect the fuel line at the carburetor
- ◆ remove fuel pump mounting hardware
- ◆ pull fuel pump with fuel lines attached down about 4in. for easy access to clamps
- ◆ remove old pump from fuel lines and install the new pump.
- ◆ Reattach fuel line to carburetor and reinstall pump mounting hardware.

For all other gasoline generators, reference the appropriate service manual



Date Code
DDMMYY

White Dot Location