

## Marathon Parts:

- Diode- ( 352480 )
- Suppressor- ( 100336)
- All Remaining parts will come from Marathon - *Contact Marathon (715) 675-3359*
- Flashing or troubleshooting issues, please refer to the Marathon Operations manual.

## Athlon Parts:

- *Call Athlon (804) 493-1777*
- Flashing or troubleshooting issues, please refer to the Athlon Operations manual.

## Mecc- Alte Parts:

- *Call Mecc-Alte (847) 550-0530*
- Flashing or troubleshooting issues, please refer to the Mecc-Alte Operations manual.

## Stanford (Cummins) Parts:

- Automatic Voltage Regulator- 103016
- Radio Frequency Interrupter- 103664
- Electronic Boost System- 103667
- Electronic Boost Controller- 103665
- Flashing or troubleshooting issues, please refer to the Stanford Operations manual.

## Baldor Parts:

- Contact ABB (Baldor) (479) 646-4711
- Flashing or troubleshooting issues, please refer to the Baldor Operations manual.

**Please contact Allmand Brothers for a copy of each manual and literature for each generator application.**

## Disconnecting a Generator: Marathon, Athlon, AVR, and Colosseum:

- ❑ Ensure that you have a motor hoist or cherry picker attached to the top of the engine and secure.
- ❑ You will also need to secure the top of the generator, so when all hardware is removed the unit will not fall.
- ❑ Start to loosen all bolts around the flywheel housing. There should be eight bolts.
- ❑ Loosen and remove each bolt from the footplate or mount plate to slide the generator off.
  - ❑ **Note:** Anything that bolts to the flywheel housing you have to remove to take off as soon as the bearing is removed.

Acceptable Readings: Testing Capacitors will need a reader that has an ohm setting, once the ohms setting is selected then scroll through the menu and pick NF ( nanofarad). Once the correct setting has been chosen you can properly test your capacitor.

- Alternators- 12 Volts
- Generator Capacitors-
  - Athlon ( 640158 )= 24 to 25 uf
  - Marathon (105100 ) = 24 to 25 uf
  - Marathon 440v 50hz ( 6540152) = 44 to 45 uf
  - Marathon ( 640154 )= 49 to 50 uf
- Baldor / Power Gard / T&J
  - Baldor ( 640576 )= 59 to 60 uf
- Meccalte
  - Mecc Alte 50hz ( 650656 )= 34 to 35 uf
  - Mecc Alte 60hz

**Note:** For all troubleshooting and maintenance on generators, please refer the customer to the generating troubleshooting guides on the web site. Every customer needs to read and use these manuals.

## Installing a New Generator.

- ❑ All Generators are installed in two sections when being bolted to the engine.
  - ❑ The first part of the Generator section will be the Rotor to the Flywheel.
  - ❑ Once the Rotor is attached to the Flywheel, than the next step is to secure the Stator to the housing.
  - ❑ After all sections are installed, ensure all bolts from stator housing to the bell housing are torqued to spec.