



The Service Group



JANUARY 2012 SHODA TECHNICAL BULLETIN

Happy New Year to all,

Hope the New Year is treating you all good and the machines are running well.

Subject: Fanuc and Mitsubishi Back ups

In the past couple of months we've noticed an alarming number of back up system failures primarily due to failing back up batteries and lack of backing up systems. Most CNC machines have back up batteries for the controllers, PLC's and sometimes the ATC drive units. Each machine needs to be checked for its' specific configuration.

1. Except for the Fanuc 11 controllers which have bubble memory most Fanuc controllers have back up batteries of which Fanuc recommends replacing on a yearly basis. **CAUTION:** Machine parameters need to be backed up prior to Battery replacement and battery needs to be replaced with power on. **MUST USE EXTREME CAUTION.**
2. Machines with Mitsubishi PLC's need to be backed up by an experienced technician with the appropriate software. Once battery is replaced, customer needs to make maintenance note to replace at a regular interval.
3. ATC Units with back up batteries need replaced on a yearly basis to prevent loss of data.

If you haven't already completed this task, replace your back up batteries and back up your systems before it becomes a very costly issue to repair. For Batteries and assistance with this process or the scheduling of service and preventative maintenance feel free to contact TSG at 360-659-5263.

Note: We are open Monday through Friday 07:00AM to 5:00PM Pacific Standard Time. We provide all parts, service, training, technical assistance and preventative maintenance for all of the United States, Canada and Mexico.

Have a great day.

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