

Using ACL's DEMO & software to upgrade firmware Applies to ACL models 254-202 & 254-203

A. Set up an ACL System.

B. Back up all of the Weld Procedures from your ACL. Then turn off power.

C. Make Bootable USB:

- USB must be formatted (FAT) and blank.
- Down load and un-zip the ACL_1106.ZIP from MK's WEB.
- Run makeboot.bat (on MS Windows 32) or makeboot64.bat (on MS Windows 64) as administrator and make sure that proper Driver letter is detected for USB stick.

D. Reset Bios :(This set up is based on ASUS mother board model M2N-MX SE PLUS. ASUS (K8V-MX) mother board will be slightly different.)

- Insert the provided USB bootable stick into any USB port (i.e. ACL front panel). Fig. 1
 - Turn on ACL's power (Fig.2). When the Information screen (Fig. 3) show, press "Del" key to get in the Bios Main menu (Fig. 4).
 - In Advanced & USB Configuration Select "USB 2.0 Controller mode at Full speed (Fig. 5 and 6).
 - In Boot, at Hard Disk Drives select 1st Drive is USB...
 - At Boot Device Priority select 1st Boot Device is USB...
- (By followed Fig. 7 through Fig. 12 consequently).
After Enter "OK". Wait until...

E. Installation firmware: (Apply only for demo version 1106)

- As soon as "ACL starting..." message appears, press ' 0' (zero) key on the keyboard (Fig.13 & 14) display should appear the flashing booting words (Fig. 15). Wait for around 5 seconds then...
- If you receive "Procedure load error. Invalid procedure." click OK and continue.
- You should see the main ACL screen now (these perform from Fig. 16, 17 and Fig. 18).
- Move the cursor to the Programs/Upgrade then select **acl_1106.bin**
Click on **Accept**, and then **Upgrade** (from Fig.19 to fig.28).
When the Upgrade is finished, turn ACL off and remove USB stick (from Fig.29 to Fig.35).
- Turn ACL power on (Fig.36).
- If you receive "Procedure load error. Invalid procedure." click OK and continue.
- You should see the main ACL screen now.

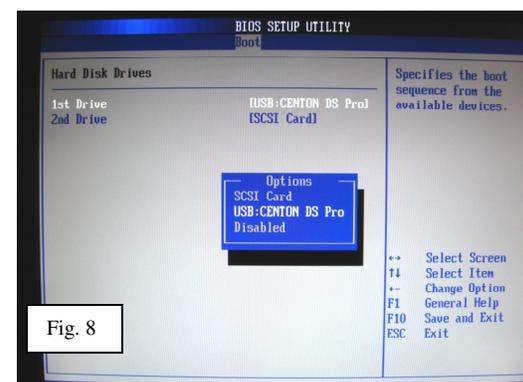
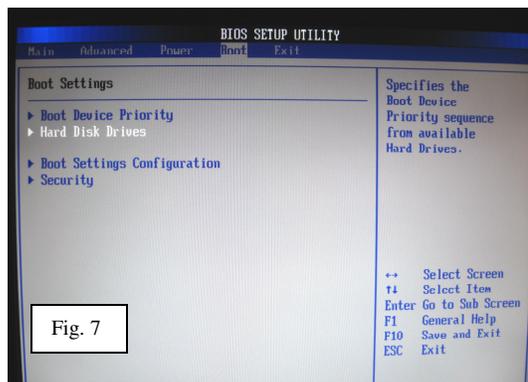
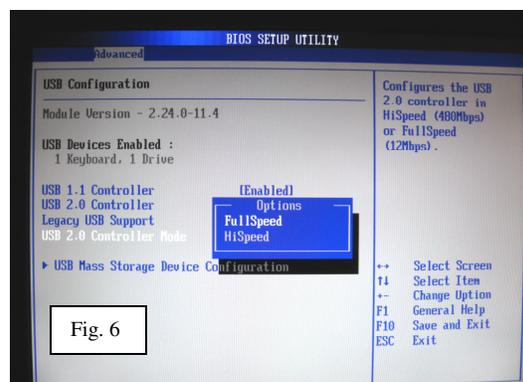
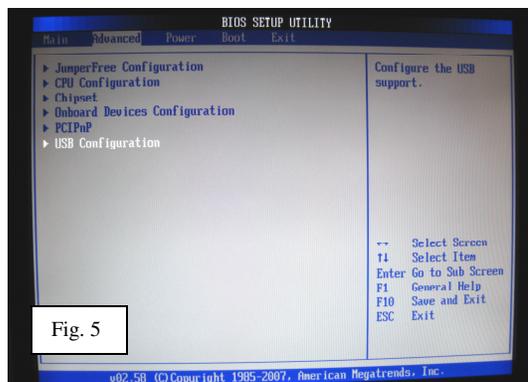
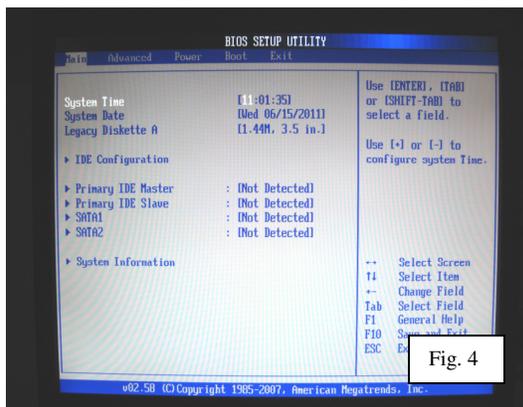
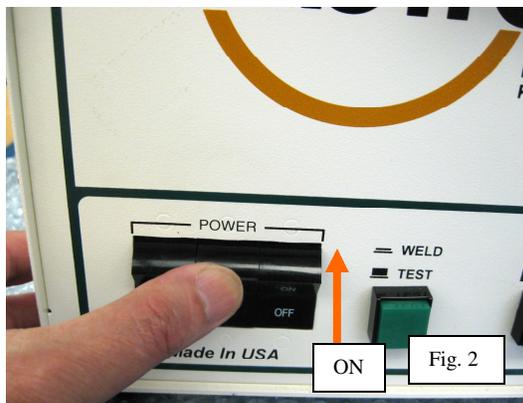
Note: - The "Procedure load error. Invalid procedure." error means that your default startup procedure is either not specified or not found.

You can specify your default procedure in File/Preferences/Advanced/Default Proc menu.

F. How to verify firmware version: (Apply only for demo version 1106)

- Move the cursor to and click on Help/About
(You should see: "ACL3 Version 1106....." inside the dialog window)

Note: - Printer HP DeskJet 3000, 4160, 4260, or similar is used with software version 1106 or later.
- Older versions of ACL software (0512; 0806 and 1011) use Epson LX-300 printer.



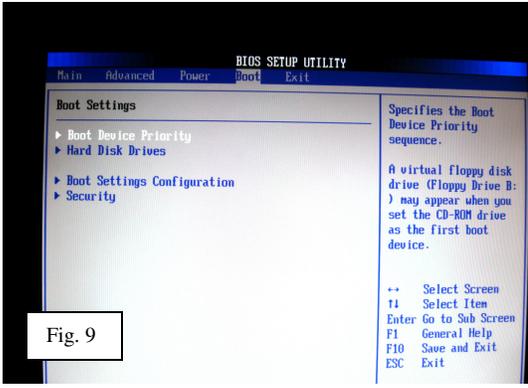


Fig. 9

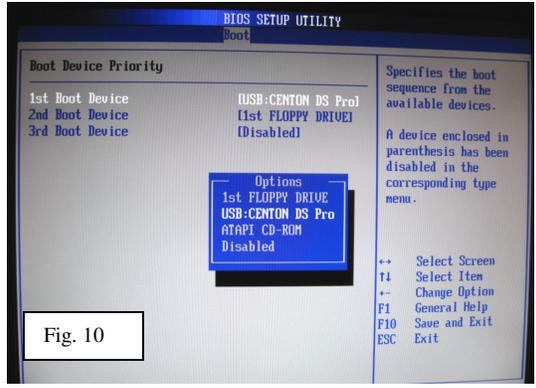


Fig. 10

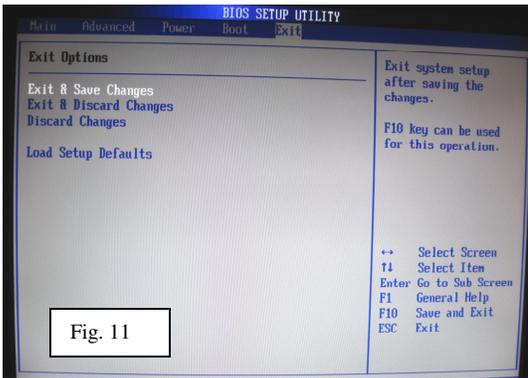


Fig. 11

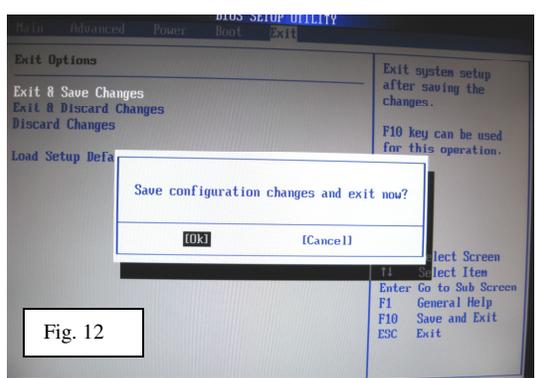


Fig. 12

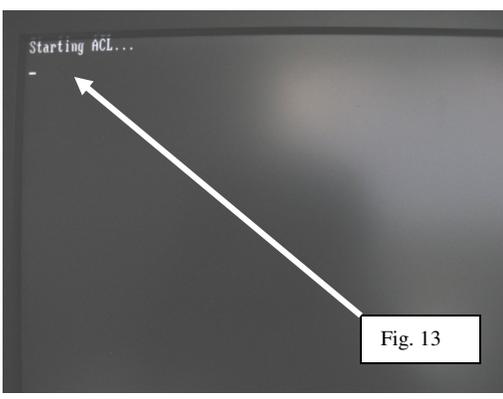


Fig. 13



Fig. 14

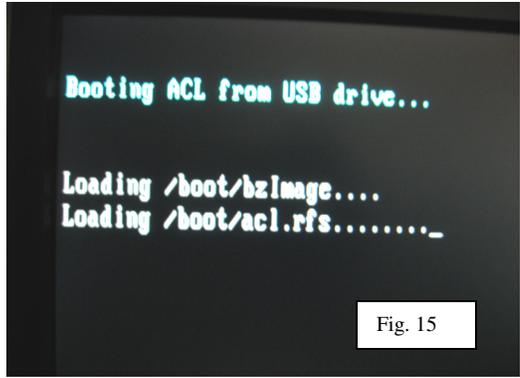


Fig. 15



← Fig. 16

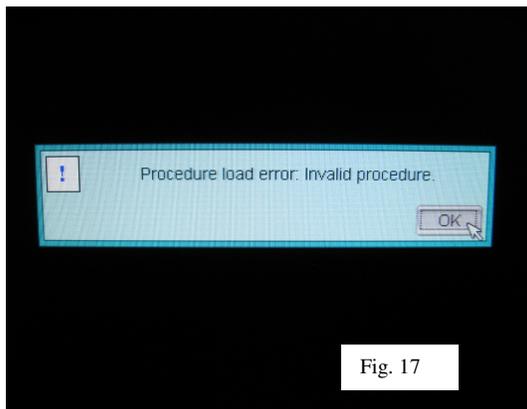


Fig. 17

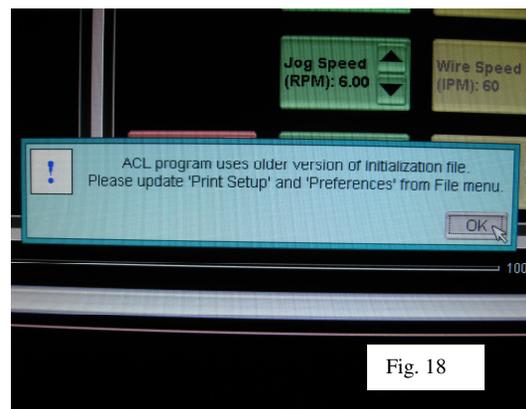


Fig. 18

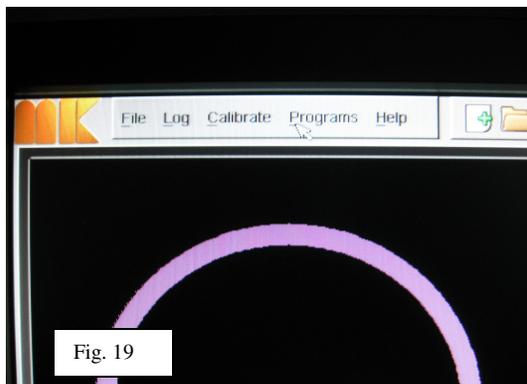


Fig. 19

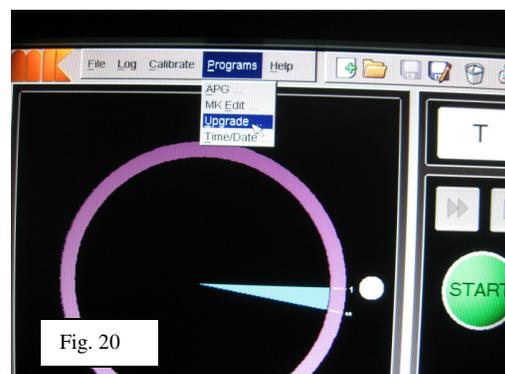


Fig. 20

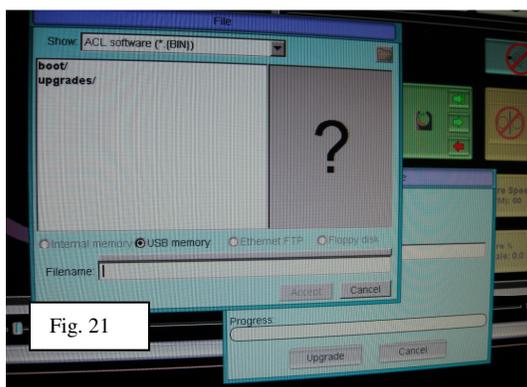


Fig. 21

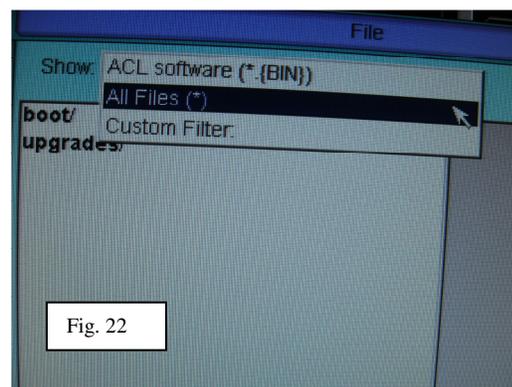


Fig. 22

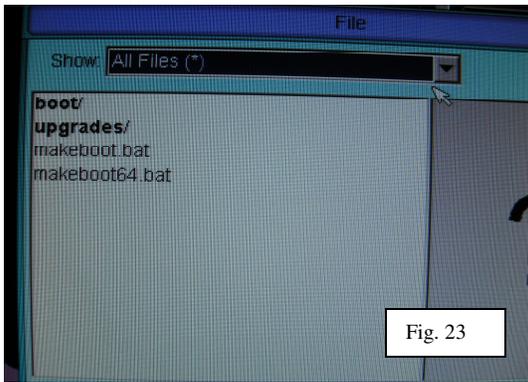


Fig. 23

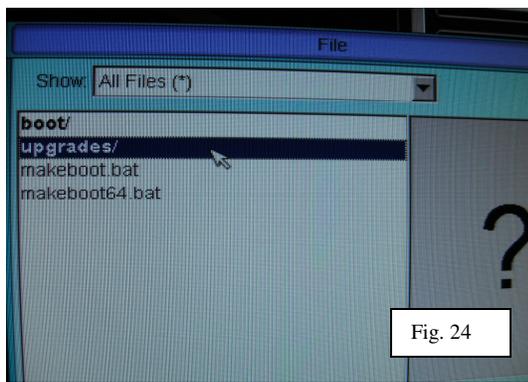


Fig. 24

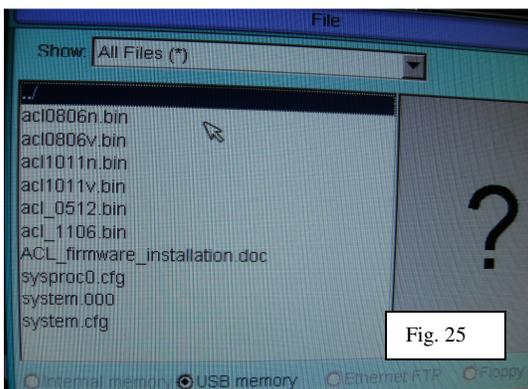


Fig. 25

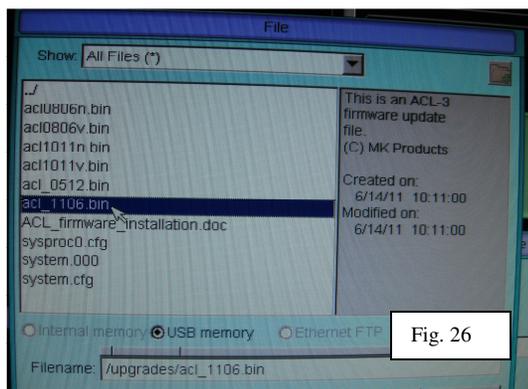


Fig. 26

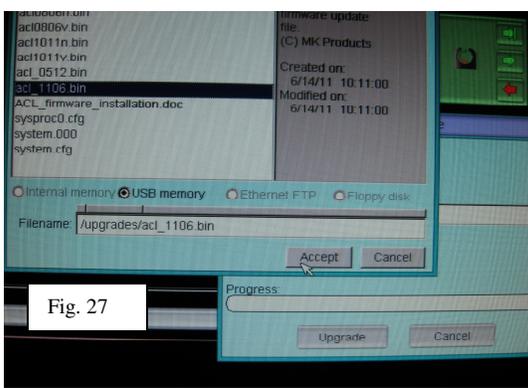


Fig. 27

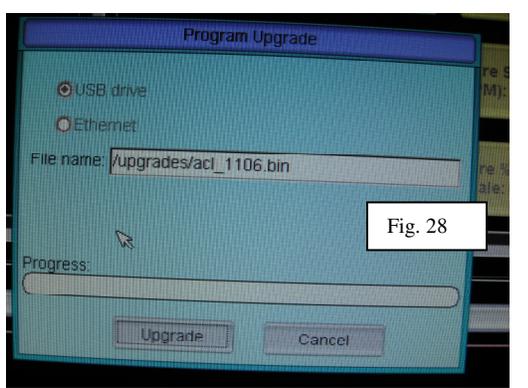


Fig. 28

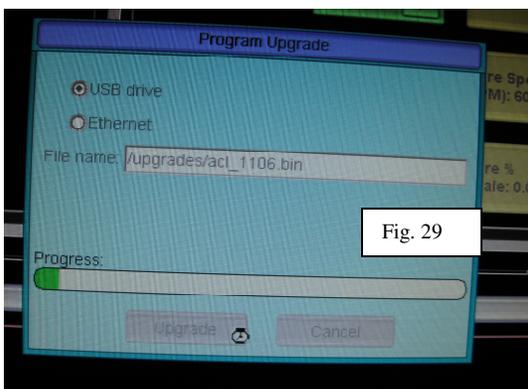


Fig. 29

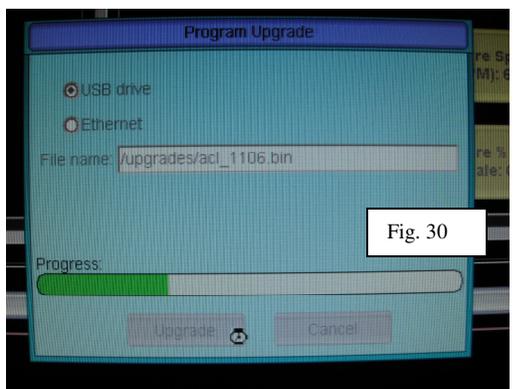


Fig. 30

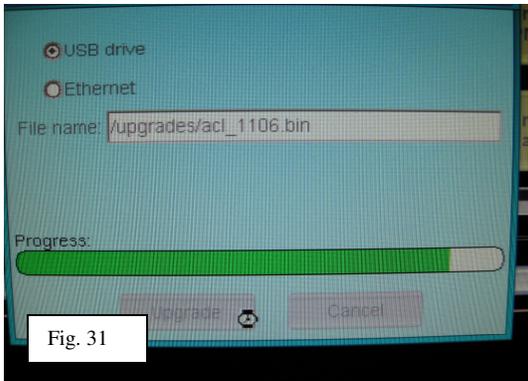


Fig. 31

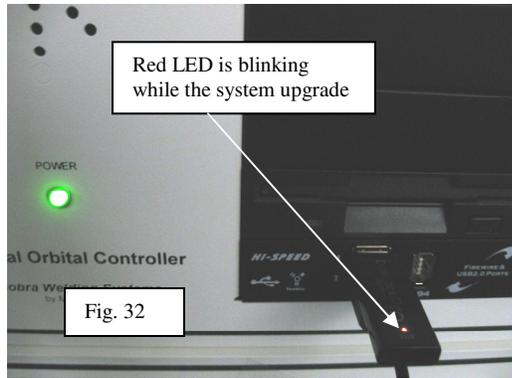


Fig. 32

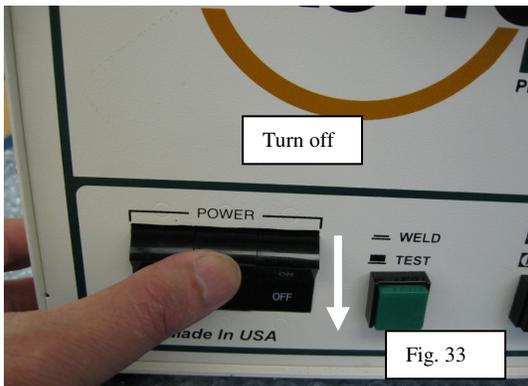


Fig. 33



Fig. 34



Fig. 35

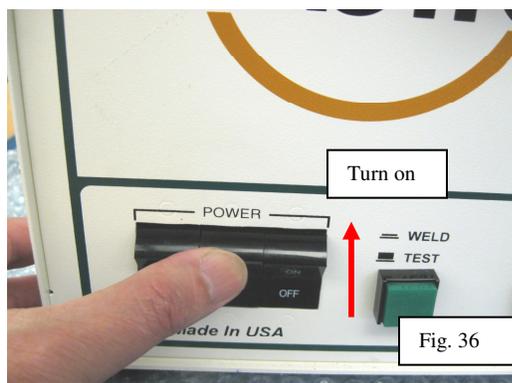


Fig. 36