Description:
This is the release of version 1.2.1. Only customers with bugs addressed or those that require the features below should be upgraded.

Bug Fixes Addressed:
- Most Remote Enable/ Disable problems are corrected.
- This software enables complete Powerhead functionality.

Known Bugs:
- Parameter sets can not be loaded off of the PCMCIA when upgrading to 1.2.1. See **Restrictions** below.
- Pulling the tool trigger while the Remote Enable is turning ON can cause the Status Lights to function incorrectly. The system must be rebooted to restore correct functionality.
- The system will automatically try to take an IP address from a DHCP system, so the Ethernet address typed into the System Initialization screen will not work. Contact Application Services if this is the case.
- Only the "Remote Enable" bit can be used. When ON, the tool will operate. When OFF, the tool will not. "Remote Disable" no function.

New or Enhanced Features:
- "System Ready" Output
- "No Bolt Found" Output
- "Reset Outputs" Input
- Closed-Loop Socket Tray operation
- "1-Line" Remote Enable/Disable ("2-Line" is the same as standard Remote Enable/Disable in earlier versions)
- Configuration Interlock
- Enhanced Dialog Box operation

Restrictions:
When upgrading from earlier versions of IC software, the PCMCIA card or Floppy disk CAN NOT be used to restore parameters. It is necessary to key parameters back into the system manually. (This is not necessary when the parameters are saved on a 1.2.1 system.)

To reduce the impact of re-keying parameters into many systems when upgrading a major installation, Application Services will convert parameter sets to version 1.2.1 free-of-charge. Call (866) 284-5509 and have an RGA number assigned to the parameter set. Mail in a PCMCIA card or diskette or e-mail a zip file to the AIC at least one week before the upgrade is to take place. Configurations will be returned on the same media in which they are submitted.

Instructions for Loading ALL Software over FTP:

1.   Print Parameter/Configuration Data to a PCMCIA card, printer, or floppy disk by going to RUN/ VIEW PARAMETERS and pushing the green PRINT key. Choose Spindle #1 and choose *Parallel Port* if you have a printer connected, *Floppy Disk*, or *PCMCIA Flash Disk*.

         Repeat this for Spindle #2 if this is a 2-Spindle IC.

         Note: If the system does not currently have a PCMCIA card installed, you must power down, install the card, and power back up again.

2.   Turn OFF power to the Insight unit.

3.   Put a jumper on pins 5 and 6 of J15 located on RISC board.

4.   Set the laptop PC IP address to 192.168.4.100

5.   Connect RJ-45 crossover Ethernet cable from PC to Insight unit.

6.   Have LeechFTP running, navigate to the correct software folder and double-click the 192.168.4.2 bookmark.

7.   Turn ON power to the Insight Unit and wait until the connection is made and you see the folders on the Insight unit(about one minute).

8.   Move the jumper to pins 7 and 8 of J15 located on RISC board.

9.   Highlight the file(s) you want to transfer and either click the UPLOAD icon or drag the file(s) to the Insight unit window.

10.   Double-click on the "Config" directory on the Insight IC

11.   Transfer mce.bin into the "Config" directory (Verify that the file transferred by refreshing)

12.   Remove the jumper and recycle power

13.   In Setup/ Parameter Transfer, select "Flash Disk" and select "Load Software"

14.   Accept the loading of the mce.bin file (If the file transfer window stays on 0% for more than 5 seconds, hit the green "Enter" key and repeat the previous step

15.   After the file has loaded and has been transferred to the MCE's, recycle power

16.   Open the file called PRMDMP1.TXT and key in all the variables back into the SETUP/ SPINDLE INITIALIZATION, SETUP/ SYSTEM INITIALIZATION, and SETUP/ ADVANCED SETUP for Spindle #1.

         Repeat this for the file called PRMDMP2.TXT for Spindle #2 if this is a 2-Spindle IC.