

ENVIRONICS TECHNICAL BULLETIN #119

Series 6100 Software update from all previous versions to 1.32-xx

WARNING: INSTALLING NEW SOFTWARE WILL ERASE ANY EXISTING GASES AND CONC MODE SETTINGS. SOME REMOTE MODE COMMANDS HAVE ALSO CHANGED. PLEASE RECORD EXISTING SETUPS AND REMOTE SOFTWARE COMMANDS BEFORE UPDATING SOFTWARE

NOTE: MFC & OZONE CAL DATA WILL NOT BE AFFECTED BY THIS UPDATE

To install new software EPROM:

1. Turn power off. Locate the small PC401 board that is attached to larger PC412 board along the right side of unit. (Reference User's Guide and Technical manual – "Internal layout Illustration")
2. Remove the EPROM with label indicating the current software revision.
3. Install the new EPROM with label indicating software revision 1.32-xx . Be sure to properly align chip before pressing into socket. The 'notch' at one end of the chip should be aligned at the bottom of the socket.
4. Turn power back on. Display will read OLD REV 0000.00 NEW REV 6100-1.32-xx Display will automatically revert to READY MODE.
5. From the READY MODE, press F1 - 'SYSTEM', move cursor down using the keypad arrows to 'CALIBRATE ADC'. You will be initializing tables for ADC 10, 11, 13, 15.
6. Press 'ENTER' . Enter '10' on the keypad.
7. Press 'INIT'
8. Press 'YES' , then 'EXIT' , then 'SAVE'.
9. Repeat steps 5 through 8 for ADC 11, 13, 15
10. EXIT to READY MODE when completed. System is now ready for operation. Begin by re-entering cylinder and gas information. (Reference User's Guide and Technical manual – Table of Contents – "GAS SETUP MODE")

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Ozone Pressure Correction

This refers to versions 1.28-03 or earlier.

This feature is disabled when the software is initialized. It should not be enabled until an ozone calibration has been completed. Reference User's Guide Table of Contents section titled "Setting Ozone Options" and "Ozone Calibration" under the Table of Contents in the Technical section of the manual.