

XL10 CVAHU (W7750B,C) 2.01.102 Firmware EPROM REPLACEMENT



INSTALLATION INSTRUCTIONS

DESCRIPTION

This EPROM Replacement procedure outlines the process to upgrade the W7750B,C CVAHU Controller to the latest firmware release.

IMPORTANT

This replacement is not compatible with the W7750A2005 or W7750B2003 Controllers.

NOTE: W7750B2001 and W7750C2001 with a datecode of 0138 or later are shipped with the 2.01.102 firmware.

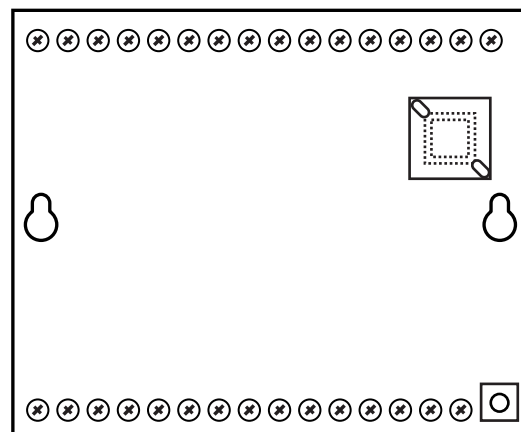
Material Needed

- Replacement EPROM chip (2.01.102).
- AMP PLCC Extraction Tool 822154-1, or small diameter probe/object (i.e. paper clip).

Procedure

1. Remove power from the controller.
2. Discharge static electricity from your body by touching a known earth ground.
3. Remove and set aside the cover from the controller base by gently lifting both sides of the cover out and up from where the cover meets the base.
4. Insert the tip of the extraction tool in the chip socket diagonal slots.

NOTE: The firmware chip is the only socketed component on the board. It is located on the right side of the controller base. See Fig. 1.



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Fig. 1. Chip socket location on board.

5. Slowly remove the EPROM with a gentle rocking motion.
6. Insert the new EPROM:
 - a. Make certain you are grounded.
 - b. Orient the flat corner of the chip with the flat corner of the socket.

NOTE: While pressing the EPROM into the socket, keep another finger on the rear of the circuit board behind the socket so the board is not stressed while pressing with the thumb.

- c. Once properly oriented, press the new chip into place with thumb pressure until it is seated.
7. Replace the cover.
8. Reapply power to the controller.
9. Recommission the controller.

NOTES:

- The firmware change-out procedure maintains the controller's Neuron ID number.
- Keep EPROM in a safe place until system operation has been confirmed.
- Make a record of the update. It is good idea to mark the controller to that effect as well.



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