

## **Condensed OS/BASIC upgrade instructions for 1200XL (originally posted by Bob Woolley)**

**Modified by Adam Brannon using procedures used in AtariMax's 32in1 OS Upgrade**

Parts needed

1-XL/XE OS (CO61598B)

1-XL/XE MMU (CO61618)

1-2764 EPROM (Programmed with BASIC RevC)

2-28 pin sockets

2- 5" length wire (wire wrap type)

1. Remove the current 1200XL OS roms at U12 & U13
2. Desolder and remove 24 pin sockets at U12 & U13
3. Make sure all 28 pin sites at U12 & U13 are cleared of solder. Install and solder 28 pin sockets at U12 & U13
4. Remove the jumper at W6. Set aside for later.
5. Remove current MMU at U14 (CO60609). Replace with XL/XE MMU (CO61618)
6. Remove all jumpers except W11, W12 and W13
7. Solder wire from pin 18 of U14 (MMU) to pin 11 of U23 (PIA)
8. Solder wire from pin 23 of U21 (CPU) to the top pad of W6
9. Install XL/XE OS at U13
10. Install programmed 2764 at U12. Make sure pin 26 is lifted or removed.
11. Bonus Mod!! Locate R63 near SIO connector. Remove R63 and replace with jumper removed from W6. You now have +5 to the SIO for using SIO powered hardware not normally compatible with the 1200XL.

Put everything back together and test by booting without a drive attached. If the upgrade went right, you should see the READY prompt. Type PRINT PEEK(43234) and press return. A value of '234' should be returned. This tells you that the revision of BASIC is C.

You now have a fully 600XL/800XL compatible 1200XL with built in BASIC. Enjoy!!