

C4 Chip Replacement Instructions



Firmware Updates

C4's internal firmware can be updated through the serial port. This is done using the "C4 Utilities" function found on the port selection window in the MD2xp program (V2 or later). See MD2xp's Help file for details.

To receive the latest C4 firmware file, contact us via Email from our website at ArrickRobotics.com State the name under which the unit was purchased along with the approximate purchase date.

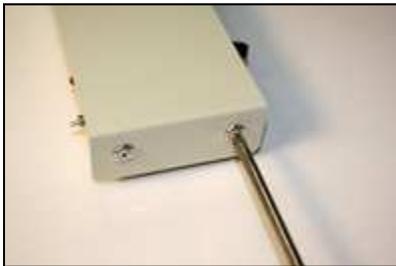
C4 Chip Replacement

If your C4 has a blown chip, or the firmware update will not accept, you will need to replace the chip. This is easy done with a screwdriver in about 5 minutes.



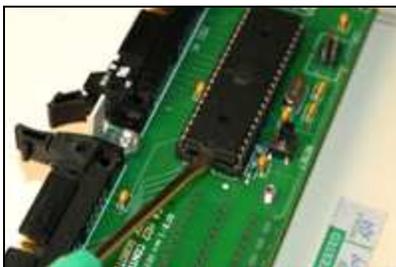
Disconnect Power

Remove C4's power connector.



Remove the Cover

Remove C4's cover by removing 4 screws/washers - 2 on each side.



Remove the Chip

The large chip in the middle of the circuit board is in a socket.

First notice that one end of the chip has a small notch. When installing the new chip, orient the notch in the same direction.

Remove the chip using a small flat-head screwdriver wedged between the socket and the chip.



Install the New Chip

Locate the notch on the chip and orient it in the same direction as the one you removed. There is a white dot on the circuit board at the end the notch should be near.

Insert the chip into the socket and press firmly. Watch for bent pins.

Attach C4's cover, apply power, and begin using it.