

CHANGING THE CHIP

Items you will need:

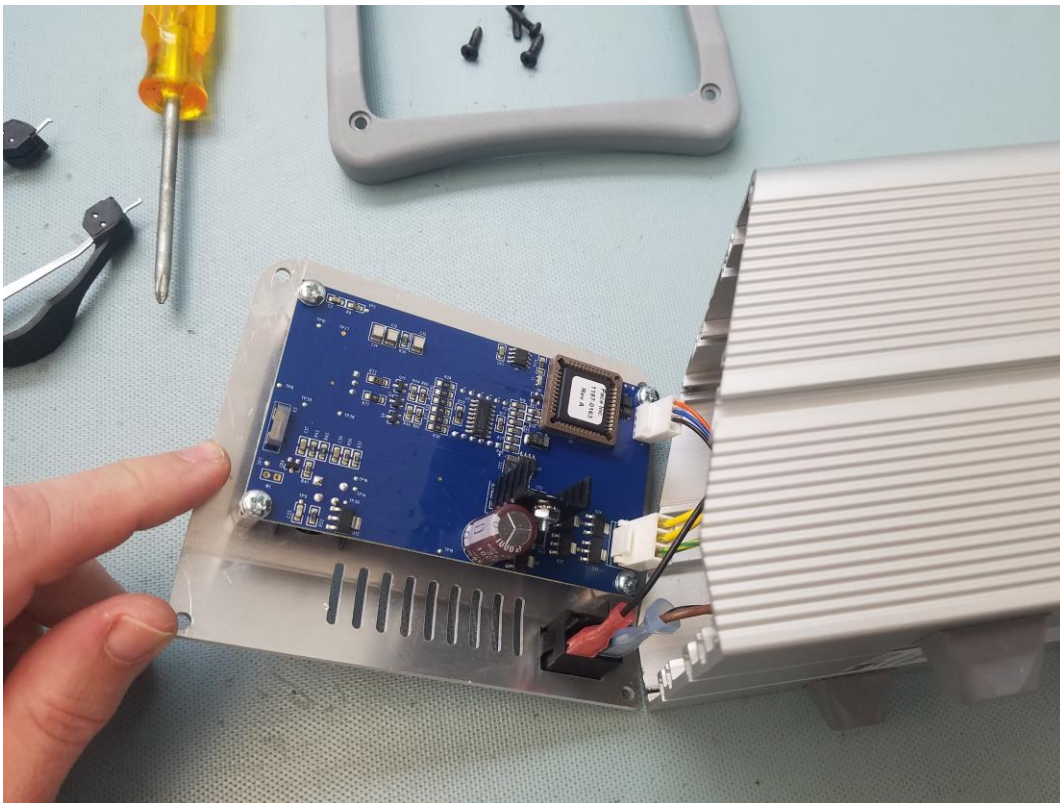
A #2 Phillips head screwdriver
ESD safe work area and material handling products
PLCC chip puller (provided)
PLCC chip 1187-0351 (provided)

Changing the chip in your ADS200 is a straightforward process.

1. Remove the four screws from the corners of the bezel on the front of the unit. Set the screws and bezel aside in a safe spot for later use.



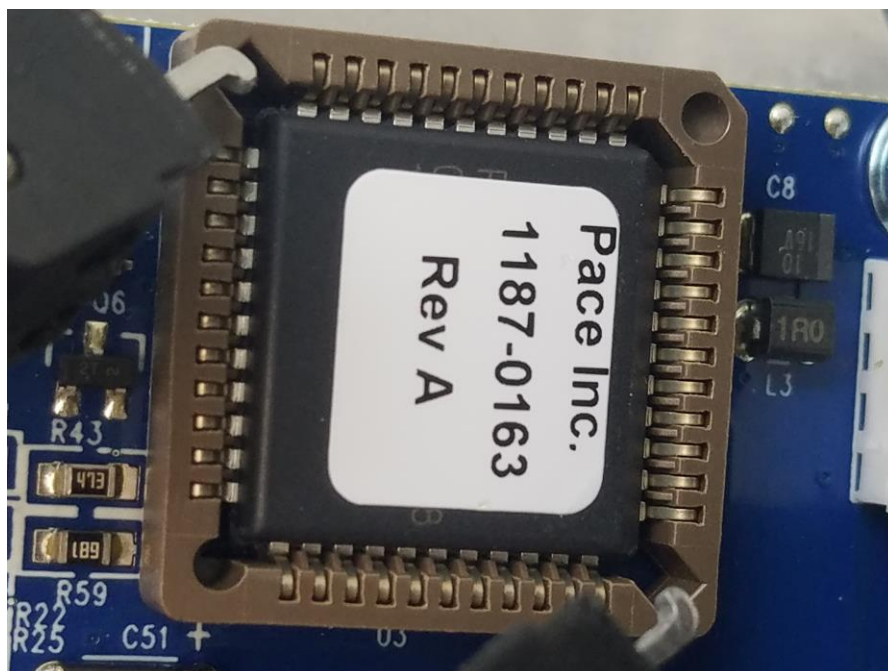
2. Lay the unit on its left side and, with proper ESD protocol in place, carefully pull open the front panel. Go slow to ensure the wire harness is not damaged.



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3. Insert the tips of the chip puller into the corner of the socket. Picture below for reference. The tool should be inserted all the way into the holes, so that it is perpendicular to the chip. Begin squeezing the tweezer tool closed, and the tips will come together. Continue squeezing and as the tool deforms it will lift up on the chip. A very slight rocking motion while lifting up on the tool may help the chip to come free of the socket.



4. With the old chip out of the way, take notice of the socket configuration. One corner is not square, and there is an arrow in the bottom. The replacement chip has a divot and a chamfered edge that goes in the same direction as the arrow in the socket. Place the new chip on top of the socket, making sure it has the correct orientation, and apply gentle but firm pressure to seat it into the socket.



5. Now, check that all wire connections are firmly seated and close the front panel. Replace the bezel and four screws. The unit should now display ver. 1.4 when powered up.