



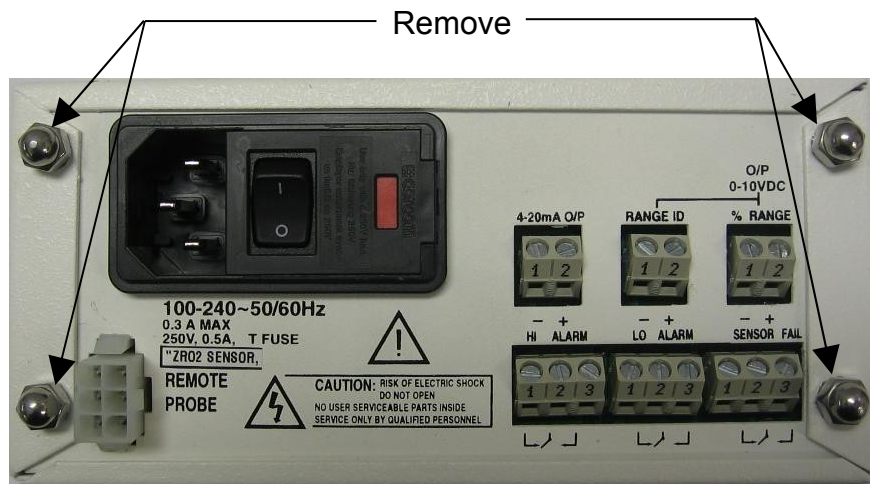
## Instructions – Retrofitting 3190/3290 AC unit to DC

### Equipment needed

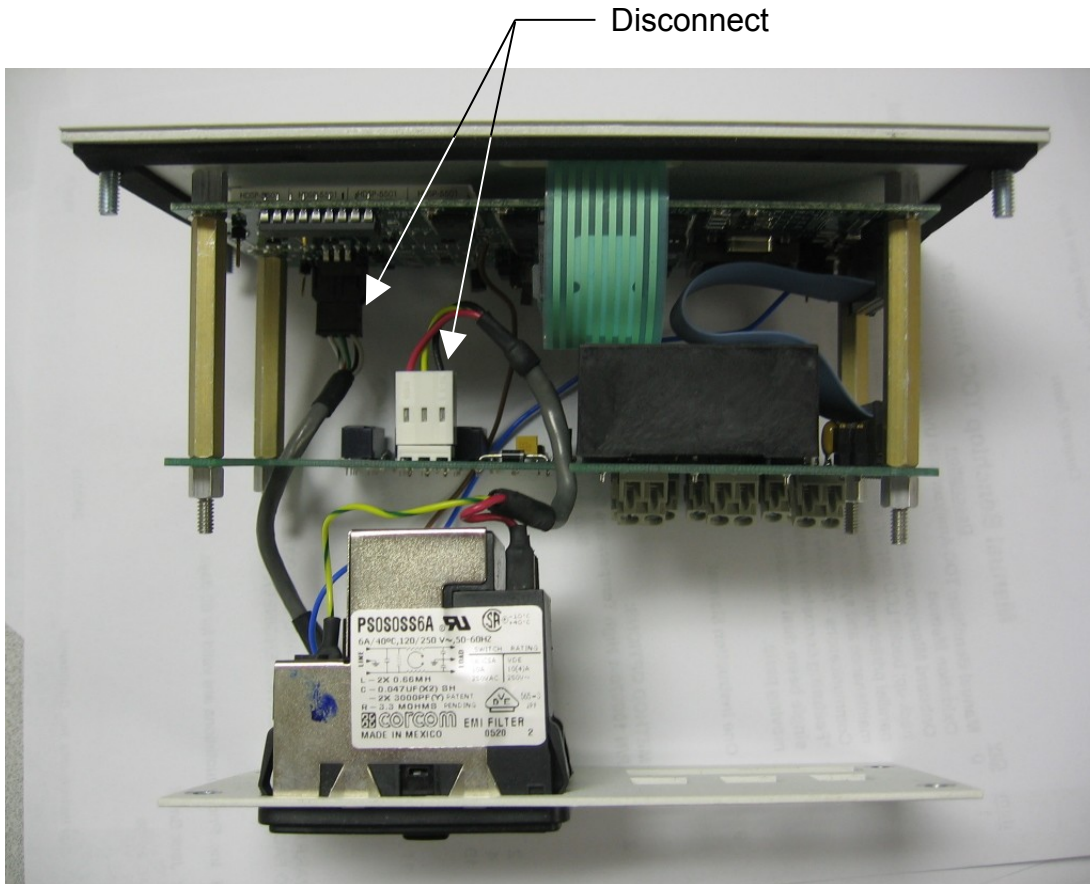
- #4 nut driver
- #6 nut driver
- 1/16" Allen wrench

### Instructions

1. Remove four (4) nuts from the back with a #6 nut driver and lockwashers.



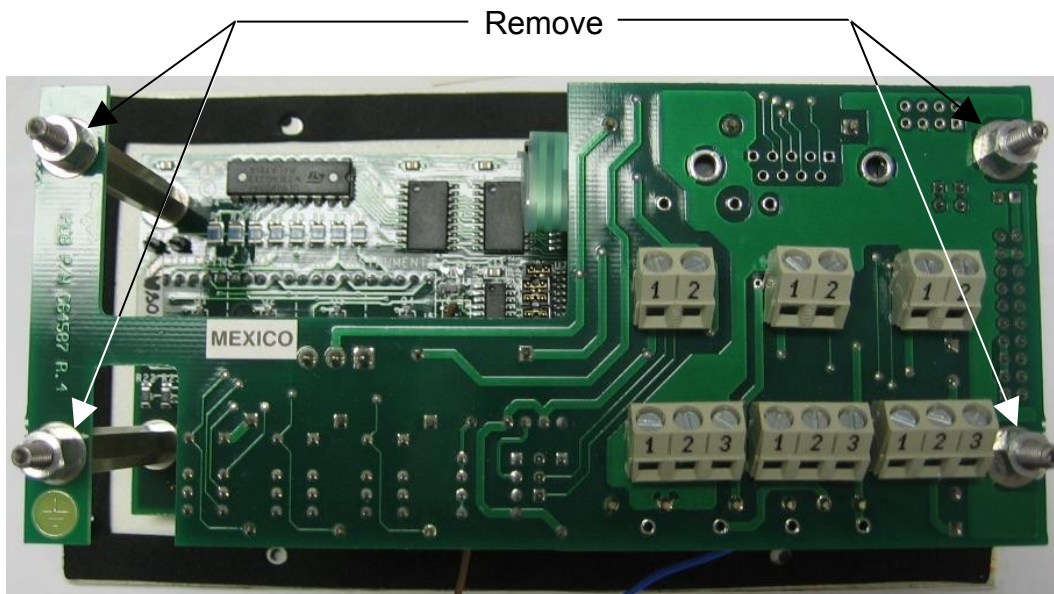
2. Pull the back plate away from the back panel PCB and disconnect the white three-pin power connector and black six-pin probe connector.



3. Extract the six-pin probe connector from the back plate by pressing the two latches together and pressing the connector into the back plate assembly. Remove the back plate assembly.

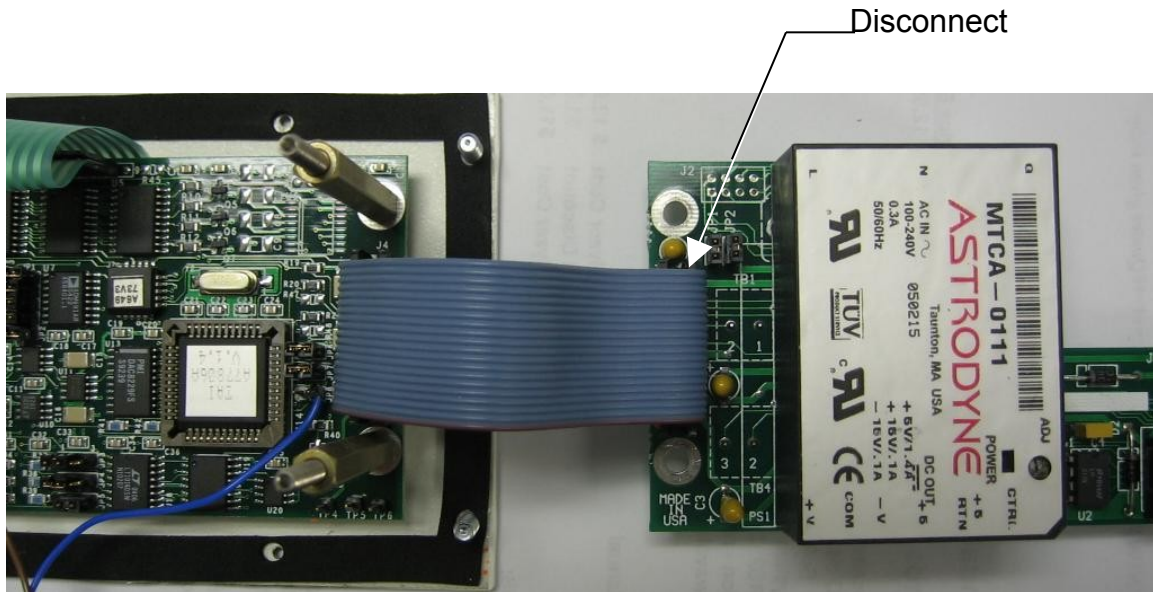


4. Using a #4 nut driver, unscrew the four (4) standoffs holding the Power Supply PCB to the posts.



Reference #:

5. Pull the Power Supply PCB apart from the rest of the unit and disconnect the ribbon cable connector from the Power Supply PCB, removing it completely.



6. Connect the new Power Supply PCB and reassemble the unit using the new PCB and back plate assembly. If the setscrews are difficult to adjust, a 1/16" Allen wrench can be inserted into its head to rotate and adjust the height. Make sure the setscrew height is such that the nuts make a sufficient number of turns, but the nuts must be allowed to tighten completely and make contact with the lockwashers.