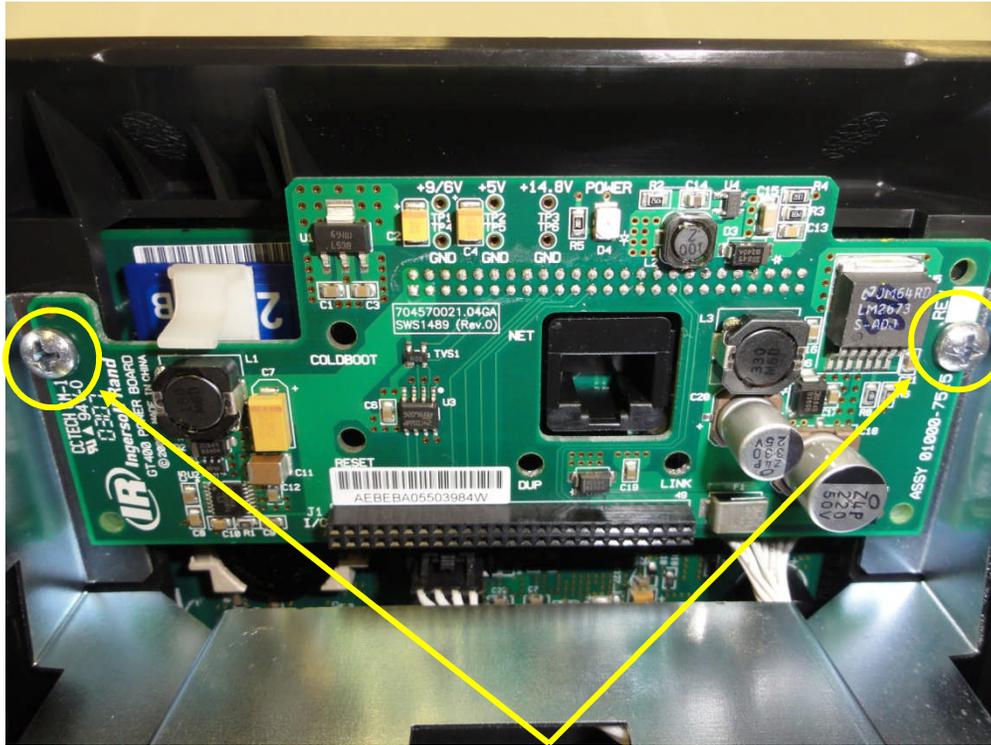


Removal of the IO board



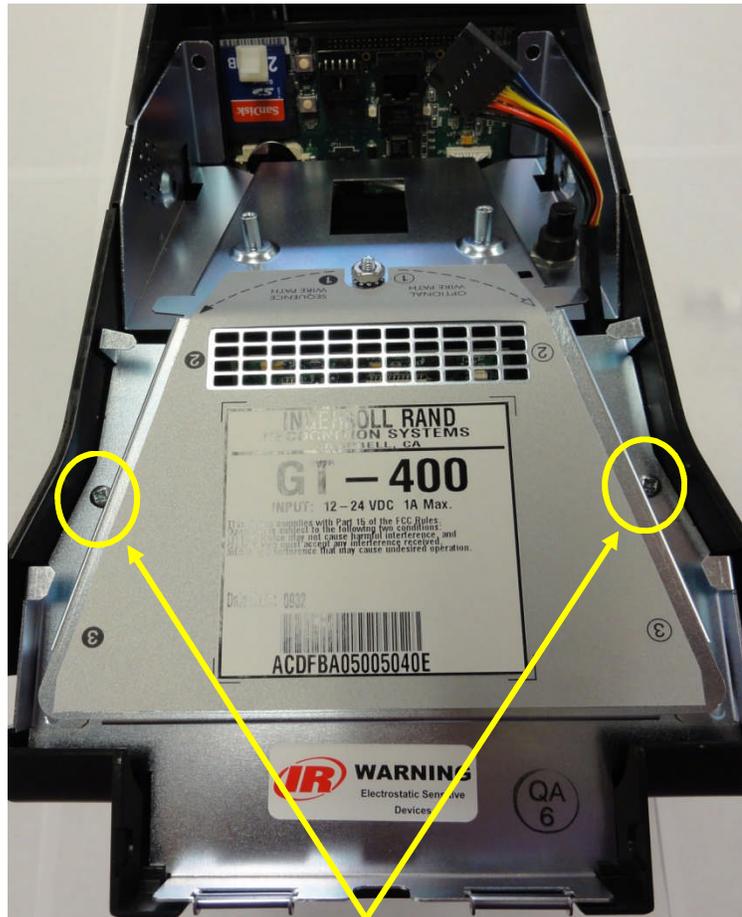
With the terminal still laying face down and while wearing the ESD ground strap hold the IO board by the edges and gently pull the board towards you and set aside.

Removal of the Power board

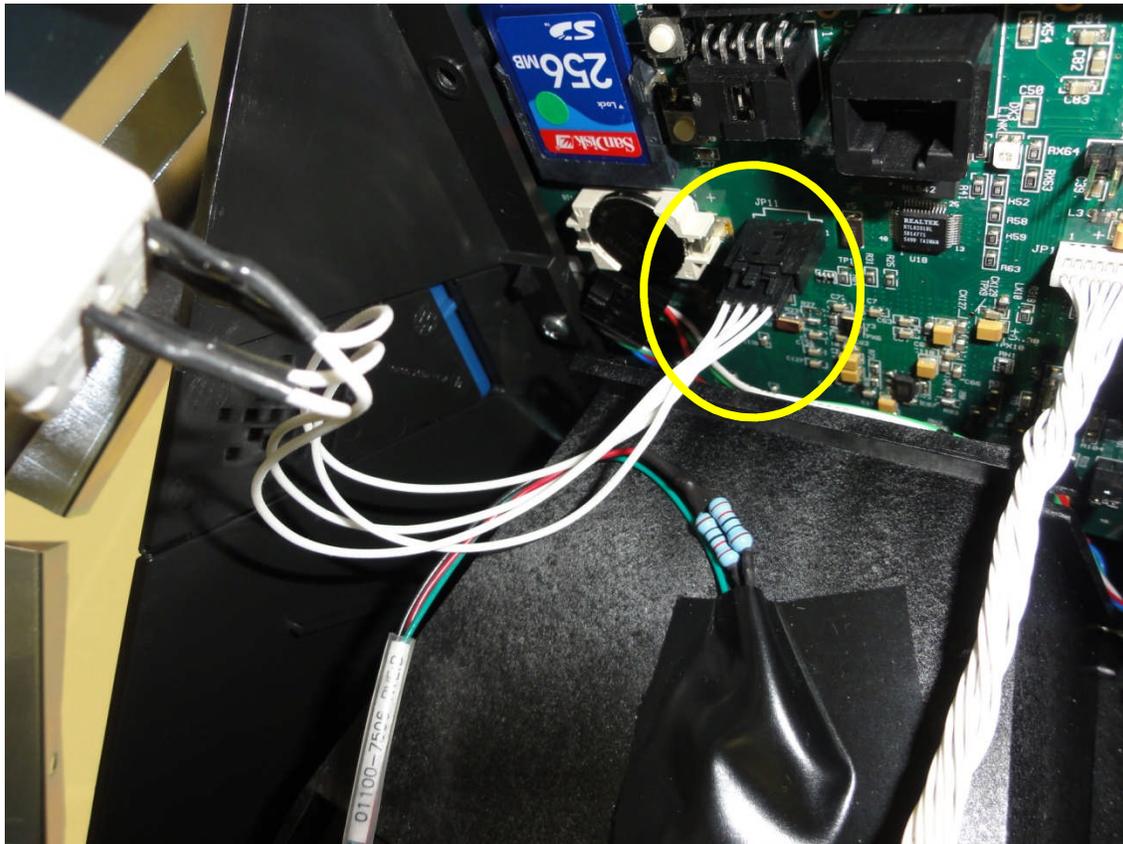


Remove the two screws highlighted and set aside for reuse. Hold the power board by the edges and gently pull the board towards you and set aside.

Removal of the back plate

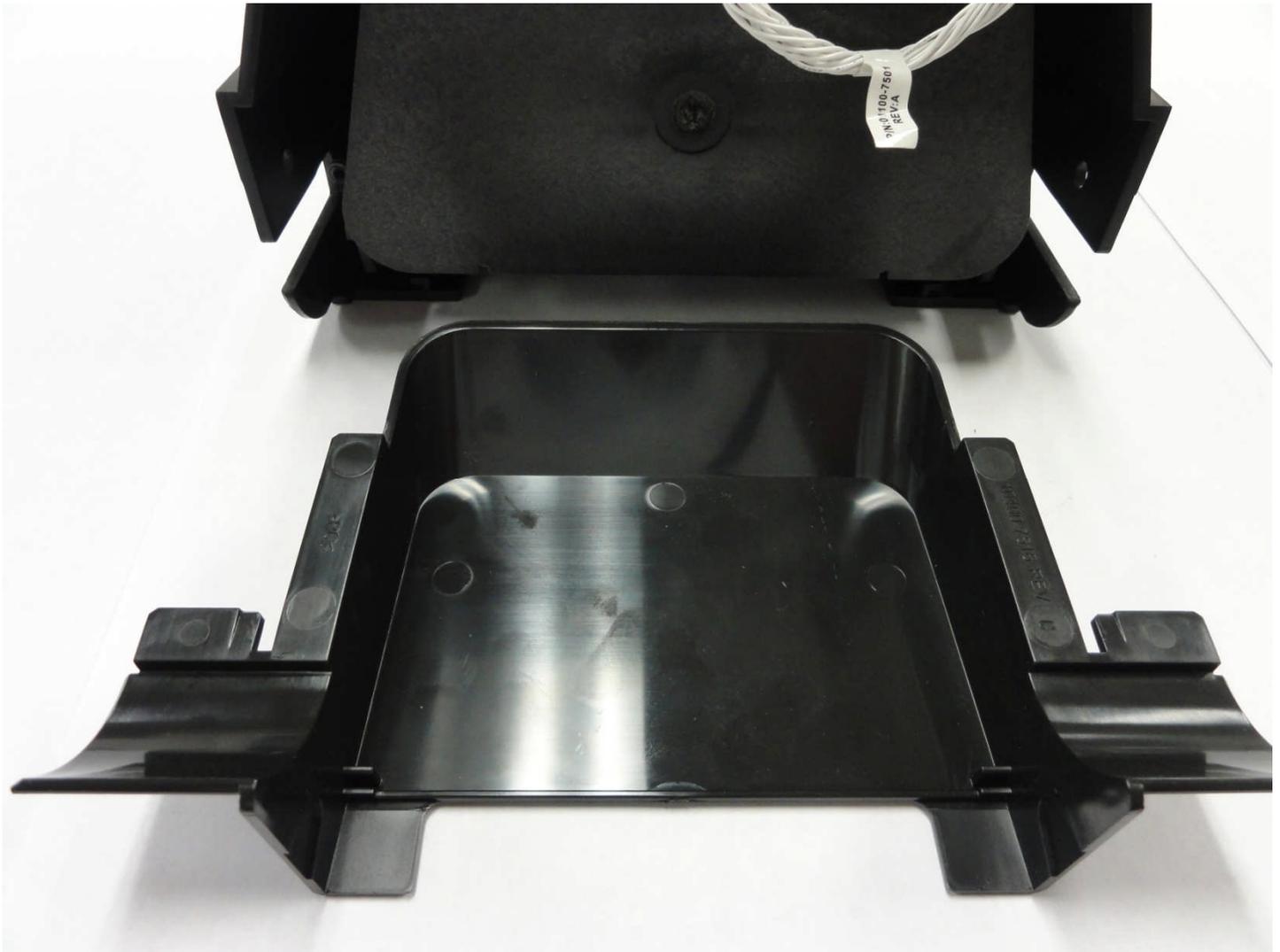


Remove the two screws highlighted and set aside for reuse. Rotate the top of the back plate towards you



Remove the tamper switch connector from the main board. Do not pull by the wires but depress the tab to release the connector.

Removal of the battery compartment



With the reader lying face down pull the battery compartment up towards you. These parts are pressure fitted so the battery compartment may need to be tapped with the heel of your hand to release the part.

Installation of the BB-300

Attach the back-up battery to the battery cover using the double sided tape. Make sure the battery is placed forward of the two slotted tabs inside the battery cover.

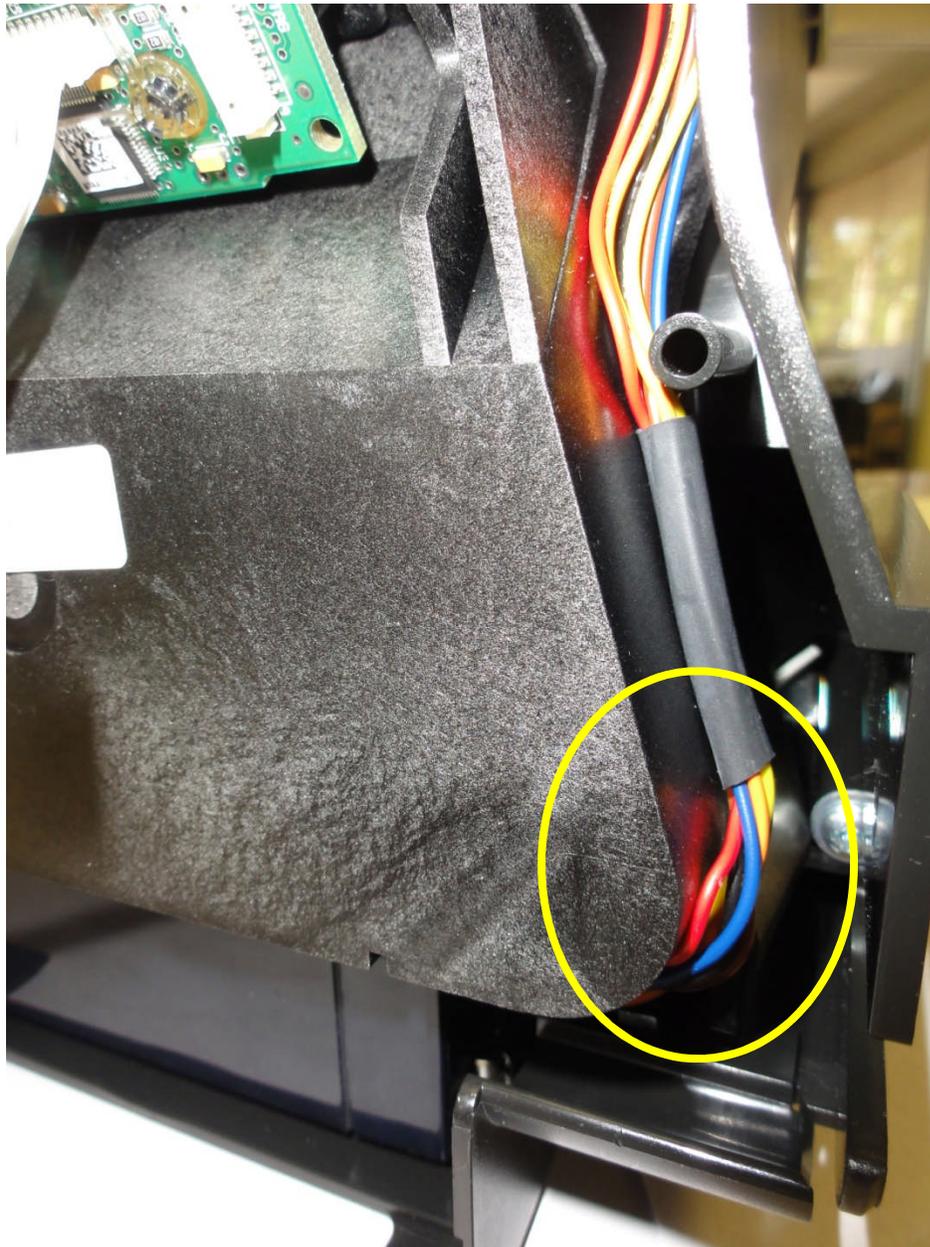


Installation of the battery compartment



Slide the battery compartment back into the bottom of the unit slide the battery compartment so that it mates up. Press the battery compartment in so that it is flush in place.

Routing the battery cable



Make sure that the battery cable is routed around the camera compartment as shown in the image above. The area highlighted in yellow needs special attention when installin the back plate, the wires here can be easily pinched.

Connecting the tamper switch

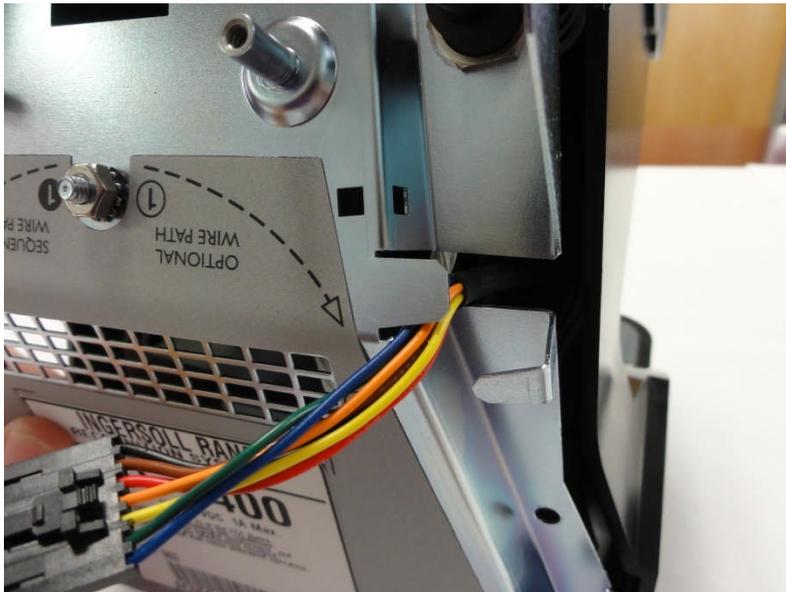


Reconnect the tamper switch cable.

Reinstalling the back plate



Start with setting the back plate into the battery compartment and start rotating the back plate towards the top. Make sure that the BB-300 cable is not getting pinched in the lower right hand cable. Stop when you get to the camera cable.



Pull the BB-300 cable through the back plate as shown above.

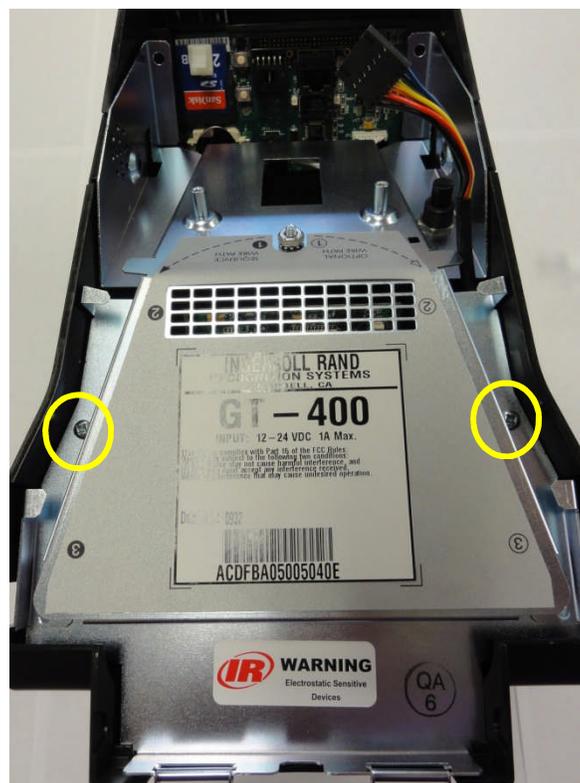
Installing back plate screws

This point forward use the torque screwdriver set to **10.0 in-lbs**

Before screwing down the back plate make sure that neither the BB-300 cable nor the white camera cable will be pinched.



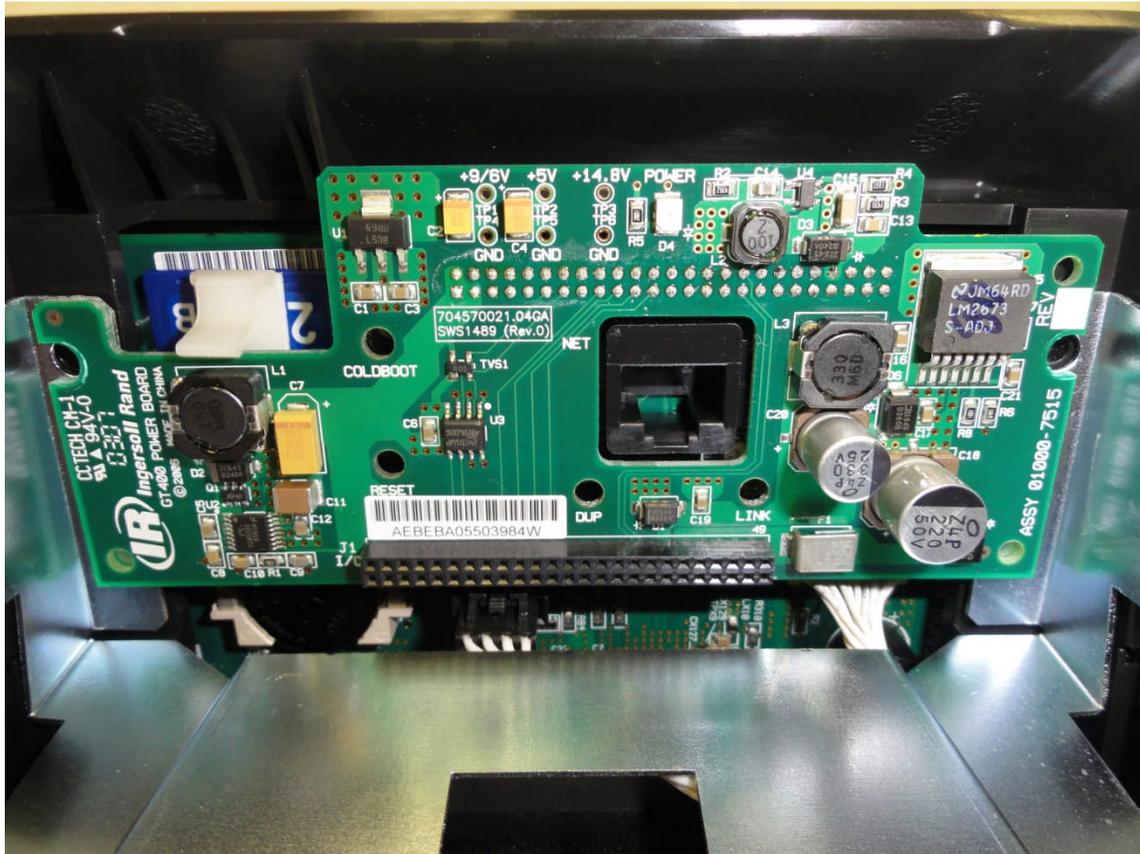
Install these screws into the two the back plate inserts. **Do not use the longer self tapping screws used for the power board or they will break through the front of the reader.**



Reinstalling the power board



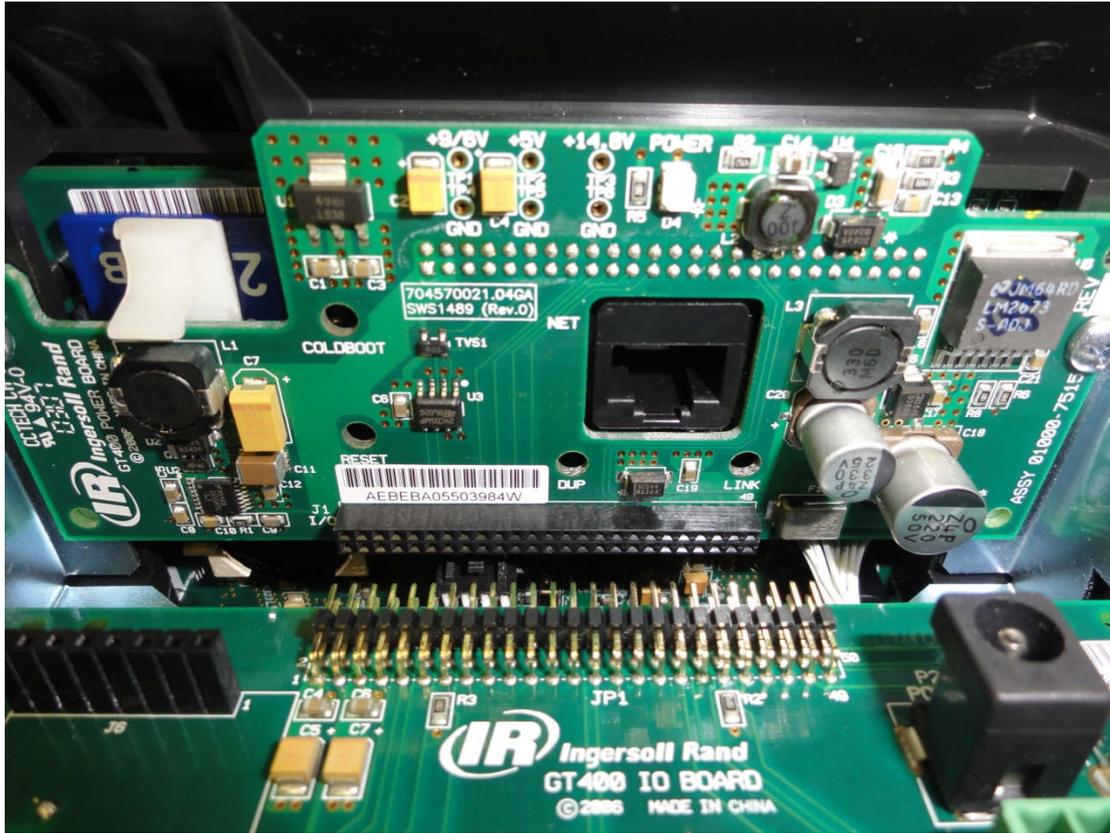
Making sure your ground strap is on. Align the 2 x 25 pin connector and header and gently mate the two boards.



Secure the power board to the unit using the two screws shown in the image below.



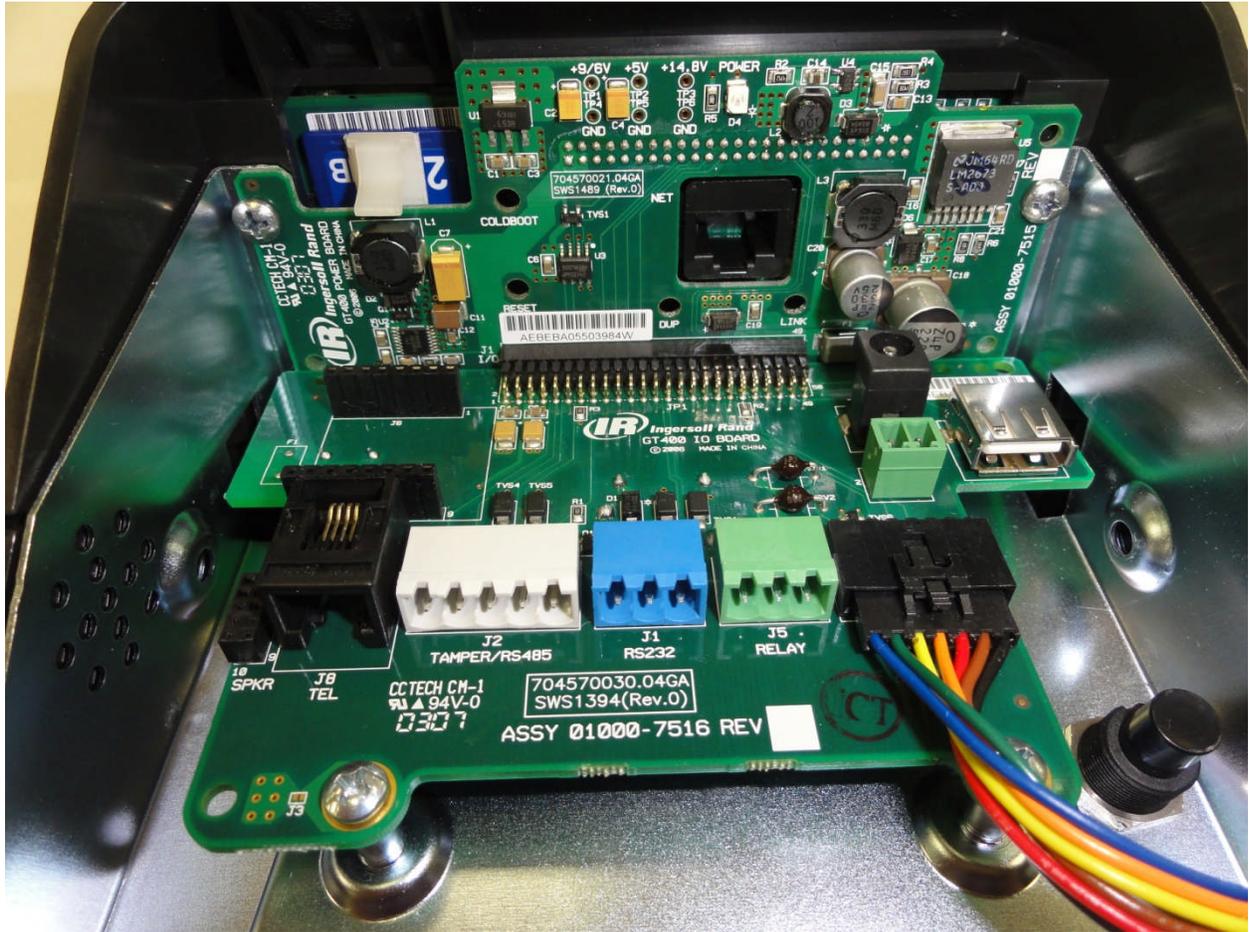
Reinstalling the IO board



Align the IO's 2 x 25 pin header and connector and gently press them together making sure that it is installed. Secure the IO board to the unit with the screws shown in the image below.



Plugging in the battery back up



Installation complete