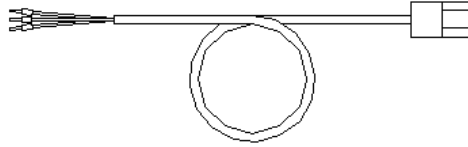


ABM International, Inc.

Tablet Power Kit

1.0: Parts List

Power Cord (Qty. 1)



Mounting Hardware (Varies based on current ABM provided tablet for PANTOVISION or NAVIGATOR)

2.0 Understanding the Purpose of the Kit

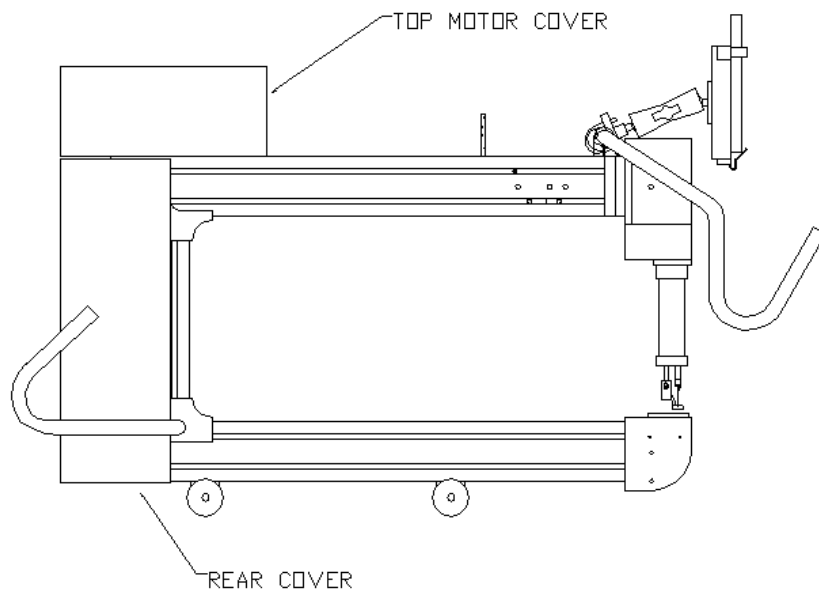
Installing a tablet for PANTOVISION or NAVIGATOR onto an Innova requires extensive cabling. The tablets run at the peak of their performance when plugged into an outlet. Therefore, an installation will require a USB cable and a tablet power cord. Some users have installed the tablets power supply into the wiring of the Innova, which, if done correctly, is an acceptable solution to terminating the power cord. However, if done incorrectly, the wiring can cause a lot of unnecessary work for the end user and more importantly pose a possible hazard to the electronics of the machine. It is ABM's goal to solve the issues related to wiring the tablet power supply.

From the perspective of ABM, the kit places the utmost importance on ease of maintenance and the ability to keep up-to-date. Additionally, the kit allows the user to maintain the original equipment and packaging of the tablet in case of warranty claims. Wiring the tablet power supply to the Innova poses some serious issues. Some customers have modified the tablet manufacturers supplied cabling to wire the unit to the Innova. This, in ABM's opinion is not acceptable. This kit will provide the customer with the ability to completely remove the tablet and power supply from the Innova without removing any covers or requiring any special tools or know-how. This will allow the customer to easily replace the tablet or take it wherever they choose.

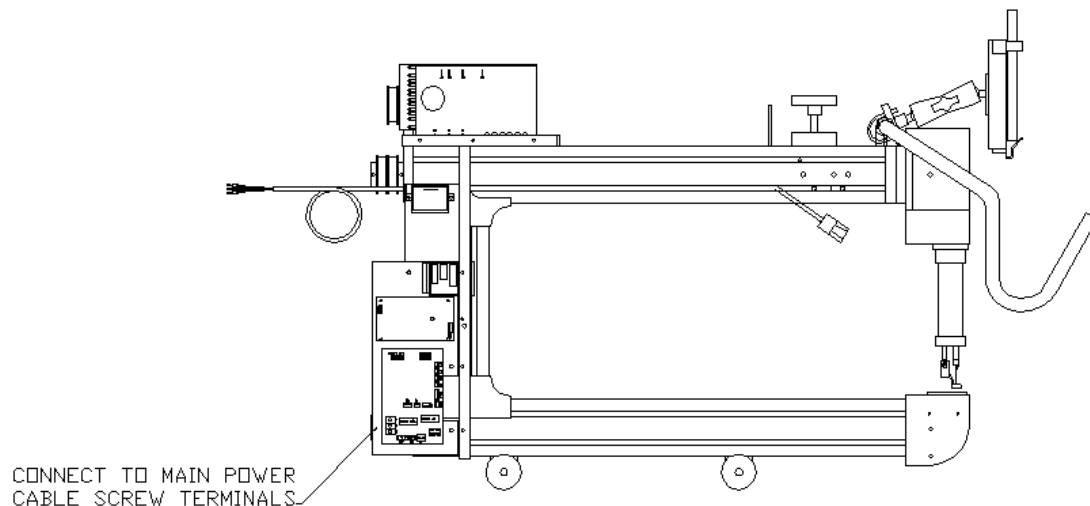
3.0 Power kit Installation

NOTE: MAKE SURE THE MACHINE IS UNPLUGGED FROM THE OUTLET BEFORE ATTEMPTING TO SERVICE THE INNOVA. FAILURE TO DO SO CAN RESULT IN SERIOUS INJURY OR DEATH.

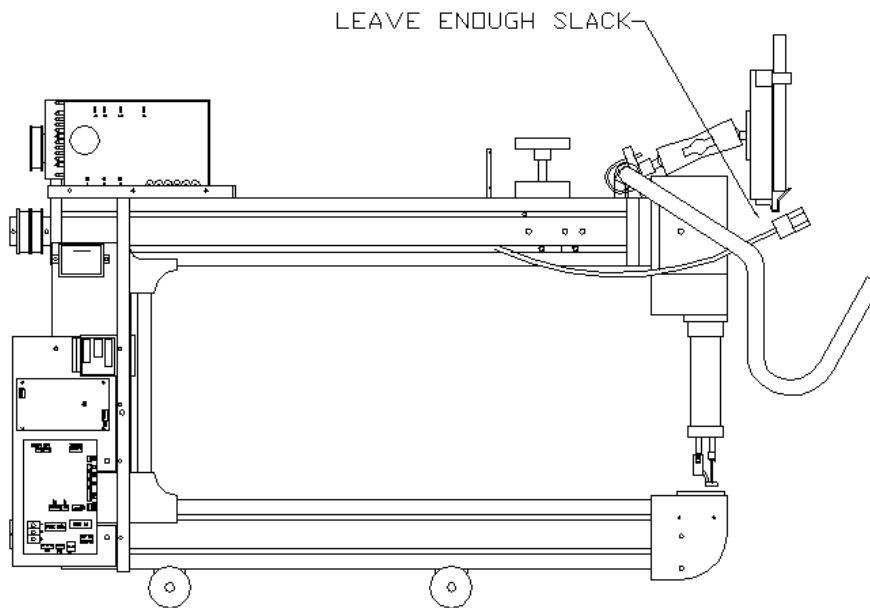
- 1) Unplug the machine from all power sources. Loosen, but do not remove the cover screws and remove the top motor cover and the rear electronics cover from the machine.



- 2) Remove one of the left side T-slot covers and pass the included power cord through the slot and out the back of the machine. See illustration below.



- 3) Connect the wires of the power cord to the screw terminals located in the bottom left corner of either the Lightning stitch control board or the standard stitch board. The main power cord of the Innova is connected to the terminals. **NOTE: MATCH THE COLORS OF THE NEW CORD TO THOSE OF THE EXISTING POWER CORD. DO NOT CONNECT DIFFERENT COLOR WIRES TO DIFFERENT TERMINALS.**



- 4) Make sure power cord has enough slack to reach the back side of the tablet mount. This is where the power supply will be attached.
- 5) After enough slack has been provided at the front of the machine, use the included nylon wire ties to secure the power cord in the back of the Innova. Make sure it cannot come in contact with the moving belts and pulleys.
- 6) Re-install the covers onto the Innova.
- 7) Install the tablet onto the tablet mount and connect the manufacturers power supply to the tablet.
- 8) Connect the manufacturers power supply to the power cord on the machine and attach the power supply to the back side of the tablet mount using the supplied hardware. In many cases, the power supply will be attached to the back of the mount with either Velcro or nylon ties.
- 9) After the power supply is attached to the back of the tablet mount, coil up the excess cable from the supply to the tablet and wire tie to the back of the tablet mount. SEE PHOTO.
- 10) Installation is complete.

The tablet is now permanently connected to the incoming power of the Innova. The tablet battery will charge and the tablet will have line power even when the Innova power switch is turned OFF. However, if the Innova is unplugged from the wall or if it is on a power strip that is turned OFF, the tablet will run on BATTERY power only.

To completely remove the tablet from the machine, detach the power supply from the back of the tablet and remove the tablet from the tablet mount.

To connect a different tablet, connect the manufacturers power supply to the Innova power cord and attach the power supply to the mount as instructed above.



Figure 1. HP Elite Pad power supply attached with Velcro to back of tablet mount