DC Electric Assembly Systems

A Quick Start Guide for DC Electric Assembly Systems

You have purchased the most advanced electric assembly tool on the market today. In no time, you will be enjoying the benefits of increased productivity and ergonomics, and unsurpassed quality. To help get you started, just read these tips. Of course, all the details are inside the full manuals. Let's go!

COMPONENTS

You will need to get the following four components unpacked and ready.

Evolution Controller *DC Electric Tool* *Tool Cable* *Power Cord*



GET CONNECTED

1. Connect the power cord to the bottom outlet of the controller and plug the other end into the wall or power supply. If your unit is a 220 V controller, you will need to supply your own power cord.
2. Connect the tool cable to the Evolution controller and the tool. Be sure the female end of the tool cable is connected to the tool and the male end of the tool cable is connected to the controller. When connecting these, you will see two alignment pins - one on the cable and one on the tool or controller. Just align these two pin 180 degrees apart from each other and insert the alignment pins into the matching holes. Once snug, twist the metal outer casing clockwise until it is tight.
3. Turn the power on by pushing the button labeled "reset" on the GFCI located on the top of the controller.
4. Turn on the KDM display panel by pushing the Power button in the upper-left corner. (If your controller does not have a built-in KDM display panel, see the Evolution Controller manual for further instructions.)

START PROGRAMMING

MAIN MENU: Almost all of the operating parameters are adjustable. Those specific instructions are in the Evolution Controller manual. Initial set up with a simple program will get you stated using your tool right away.

Go to the main screen on the KDM.

SETUP PSET: Press the number 1 on the keypad.

Press the number 1 on the keypad for Quick Start. It should now look like this.

Press the number 1 on the keypad for Pset 1 (the first of eight parameter sets). It should now look like this.

To enter your target torque, you scroll the display value up and down instead of pressing the numbers. To increase or decrease the whole number, press the shift button and the up or down arrow. Remember to keep the shift arrow depressed while pressing the up or down arrow. You may now increase or decrease the tenths by simply pressing the up or down arrow.

When you have your target torque displayed, just hold the shift key and press Run (the 9 button). The display will now look similar to this. You may now run your assembly tool by depressing the lever or trigger on the tool.

This is just an overview on getting the tool operating out of the box. To learn more about how to program the controller, operate the tool, adjust the parameters, and more, please refer to the full manuals for the tool and the controller.