The electronic motor controller has a built-in safety feature, *Start from Zero* function. Upon turning the power on the motor will not start running, if the *Speed Control Knob* is at any positions above the minimum position (fully counterclockwise).
If you are going to take line onto the reel you will need to position the motor at the proper height and move the reel to align horizontally. Start by lightly clamping the reel in place near where the drive motor is located. Now to adjust the height of the Drive Motor loosen the Motor Drive Knobs and align Output Shaft vertically with the Reel Crank Shaft. There will be a fair amount of torque applied by the motor, so tighten the Drive Motor Knobs to lock the drive motor securely, you don’t want the motor to move.
Now that the motor height is set, adjust the position of the reel so the Reel Crank Shaft aligns horizontally with the Drive Motor Shaft. Tighten the Reel Clamp Knobs to prevent any further movement.
Loosen the *Motor Slide Knobs* and align the drive arm so it can push the *Reel Knob*. Lock the *Drive Motor Slide* in place. The *Drive Arm* can be adjusted if necessary to engage the *Reel Handle* but keep in mind the *Drive Arm* must clear the base as it rotates. A rubber band can be wrapped around the *Reel Handle* and the *Drive Arm* if desired. Recheck the alignment of *Drive Motor Shaft* to the *Reel Crank Shaft*.

BEFORE applying power rotate the *Drive Arm* one full turn to insure it does not come in contact with anything. Insure the power cable is routed away from the rotating parts.
Spools come in a large variety of designs, typically there is a hole or a rib that can be used to drive the spool without slippage. A *Set Screw* is inserted into the *Drive Flange* of the *Spool Mount*, if necessary move the set screw to align the with the hole/rib on the spool. For larger spools an *Outboard Bearing* is supplied to help keep the spool stable. The *Outboard Bearing Support* will need to be removed to load the spool onto the *Spool Mount*. Start by removing the *Locking Knob* and sliding the *Floating Shaft Collar* off the shaft. Loosen and remove the screw knob holding the *Outboard Support*. Slide the spool onto the shaft with the line oriented so the line comes off the top of the spool. Push the spool to the *Drive Flange* and align the set screw to the hole/rib to prevent slippage. Now slide the *Floating Shaft Collar* onto the shaft and slide it up to the spool. If the *Outboard Bearing Support* is to be used position it over the shaft so the bearing is within 1 inch of the spool and the *Floating Shaft Collar* is in the bearing. (The support can face either direction as needed.) Install the screw knob and lightly tighten. Install the *Locking Knob* and tighten against the floating shaft. (do not overtighten as spools can be damaged.)
Setting tension for winding line onto the reel is accomplished using a simple Delrin pinch brake built inside the Spool Mount assembly. The brake is controlled by the Brake Knob on the side of the Spool Mount assembly. Pull line off the spool while adjusting the brake to get the tension you desire. Be aware that static tension and dynamic tension will be different and tension will change with different diameters of spools and the amount of line on the spool.
To take line off the reel the Drive Motor will need to be positioned to align with the Spool Mount assembly. Loosen the Drive Motor Knobs and slide the motor to the furthest point. Loosen the lower Motor Lock Knob and remove the upper Motor Lock Knob. Swing the motor to position the motor drive shaft inline with the Spool Mount shaft. Reinstall the upper Motor Lock Knob through the motor swing arm and tighten in place. Retighten the lower Motor Lock Knob. Slide the motor slide to engage the motor drive arm to the spooler crank-arm and tighten the Drive Motor Knobs. Loosen the Brake Knob so no braking action is applied.

BEFORE applying power rotate the Drive Arm one full turn to insure it does not come in contact with anything. Insure the power cable is routed away from the rotating parts.