

High Torque Motor Pulley and Belt Installation



The high torque belt and pulley system installs differently than our original belts and pulleys. You cannot wrap the belt over the top of the ball winder pulley. You must position the ball winder pulley as shown above and then leverage the belt onto the pulley. Follow these detailed instructions. **All High Torque Belts are CLEAR and are ¼" in diameter. The pulley on the ball winder will be white and must have a ¼" wide groove. Older pulleys only had a 3/16" wide groove. The pulley on the motor must be metal.**

1. Slide the belt under the Power Base motor pulley and then prop the ball winder's pulley under the belt as you see in figure 1 above.
2. Note! These belts do not install like our other belts, you need to stick the pulley on the BW under the belt that is coming up from the motor area and then leverage the belt onto the pulley as you press the ball winder flat against the top of the power base. See photos
3. Once the belt is on the BW pulley, press ball winder flat. Then align the pulleys together – the top pulley should be over the groove in the motor pulley.
4. Tighten set screw on BW pulley
5. Install the short L Bolts and clamps that hold the ball winder to the power base.
6. Turn Power Base on and test set the set up.

This motor pulley and belt combination have significantly more torque than our other motors and yet, they will still slip prior to breaking your yarn in case of a jam.