

**Remove/Replace the PK drive belt:  
Applies to E520/E720/E820/E920 and VX-3**



**You'll need the following tools:**

- 19mm box wrench (spanner)**
- 10mm Allen Key**
- 6mm Allen key**
- Phillips head screwdriver**
- Silicone or some simple glue (to hold magnetic ring in place).**

First Remove both inspection covers and the rear end cap. Note the rear end cap can either be pushed out from inside, or removed with a flat head screwdriver or other implement. Use care not to damage finish or cap when doing so.



Next, remove the upper (and lower if you choose) belt covers as shown.

Then, remove the magnetic ring. It will be held in place by a light dab of silicone from the factory.



Use caution to avoid surface scratching, especially on the high gloss finish of the Vortex series products.



Remove Tank tensioning bolt



Loosen rear two tank bolts



Loosen front tank bolt

Next remove the tank tensioning bolt with the 6mm Allen key. Once the tank tensioning bolt has been removed, loosen (but do not remove) the three tank bolts holding the tank to the frame.

Once the tank bolts are loosened, remove the front portion of the tank outer rubber ring. This gives you enough room to push the tank forward and un-tension the belt prior to removal.



Push/Tap lightly to move tank forward

You may, depending on the unit, be able to slide the tank forward by hand, but sometimes will require some persuasion with a light tap from a rubber mallet.

**Caution:** Leave the rear of the tank outer rubber ring in place and use this location to tap the tank forward to avoid damaging either the tank back or shell.



Once the tank is furthest forward, remove the belt first from the transmission pulley on the tank using care not to damage/move the sensor bracket/wiring.

Next, remove the bottom rubber cover if you have not done so already.

This bit is tricky, but it will go. Manipulate the belt off the mainshaft pulley and to the side as shown. It's tight, but it will pass. Once past the center of the mainshaft pulley, the belt is easily removed.





Manipulate the replacement belt along the side of the mainshaft pulley, and back into position. Feed the rear onto the tank transmission pulley, taking note of proper alignment.

Next, (without tightening tank bolts) reinstall and tighten tank tensioning bolt until two threads protrude from back of tank Aluminum housing as shown. This is roughly equal to 250psi and will tighten sufficiently to prevent slippage during hard rowing.

Replace magnetic ring. This is the time to test the rower for proper functionality. Make sure the computer signal is consistent and belt alignment correct before replacing end caps, inspection covers and tank cover ring. Glue magnetic ring in place.

Finally, tighten tank bolts LIGHTLY. Over tightening can damage the tank back.

