

Hydrobikes Inc.
888-403-9012
sales@hydrobikes.com

DRIVE TRAIN (DT) & FRICTION LOCK (FL) REPLACEMENT INSTRUCTIONS

*Tools Required: Phillips screwdriver, pliers, & crescent wrench.

*For best working conditions, place HYDROBIKE frame on a work bench so the drive can be rotated easily during assembly.

TO REMOVE DRIVE TRAIN

1. Remove chain from rear sprocket by rotating DT to up position.
2. Remove the rear chain-guard screws. (Use pliers to hold the spacers from turning)
3. Remove 4 - Phillips head screws next to 16-tooth sprocket.
4. By pushing with heel of your hand, push in on the sprocket to loosen the FL, or rubber like bushing, assembly.
5. Pull FL over 16-tooth sprocket. FL is not centered over sprocket so pull FL over sprocket.
6. Remove Drive Train from the left side of the bike frame. (side without chain)

TO INSTALL REPLACEMENT DRIVE TRAIN

1. Apply 1 wrap of tape to cylinder shaped area of DT where FL slips on.
2. **Place a thin film of your HYDROBIKE chain lube on the inside of the FL to aid in installation.**
3. Place DT through frame from left side of the bike.
4. Place FL over the 16-tooth sprocket and push in front from the right side.
5. Push on the FL with a "flat" tool (or handle of crescent wrench) and rotate the DT at the same time to fully seat the FL.
6. If too difficult to press the FL in, remove 2" of the tape at a time (if too loose add 2") and repeat steps 4-7.
7. Use a small nail or bend a paper clip to assure proper alignment of the holes before installing screws. DT should hold itself in any position needing only minimal force to rotate.
8. Install / tighten the screws until they slightly dimple in the FL.

TO REPLACE THE FRICTION LOCK (FL)

1. Follow instructions 1-6 of "TO REMOVE DRIVE TRAIN (DT)".
2. If tape on DT is damaged, remove it and clean the drive cylinder with alcohol, and add the same amount of new tape.
3. Follow instructions 2-8 of "TO INSTALL REPLACEMENT DRIVE TRAIN (DT)".

***BEFORE APPLYING NEW TAPE TO DT – BE SURE THE CYLINDER AREA IS CLEAN -- FREE FROM ALL OLD MATERIAL – CLEAN WITH A STRONG SOLVENT SUCH AS ACETONE OR TURPENTINE – ALCOHOL WILL DO IN MOST CASES BUT SOLVENTS NAMED ARE MUCH BETTER.**