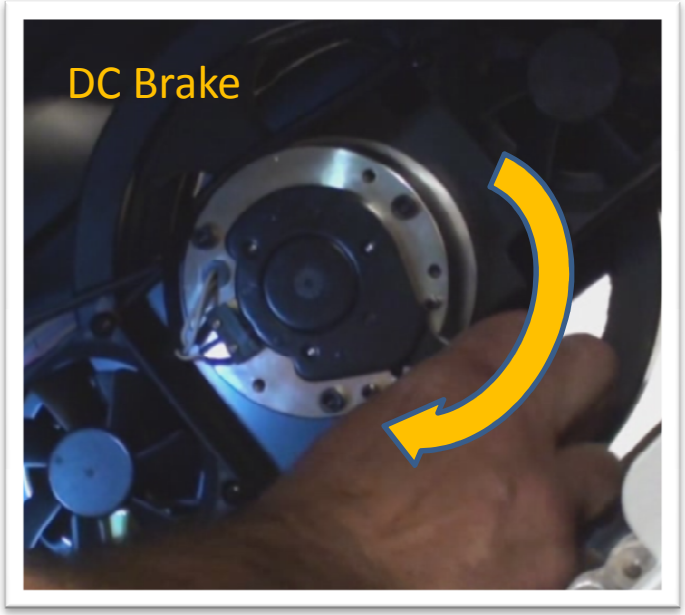
ClimbMill Drive System Replacement

WARNING When servicing a ClimbMill always make sure the stair entry is blocked from any user. Be responsible for your safety and the safety of others.

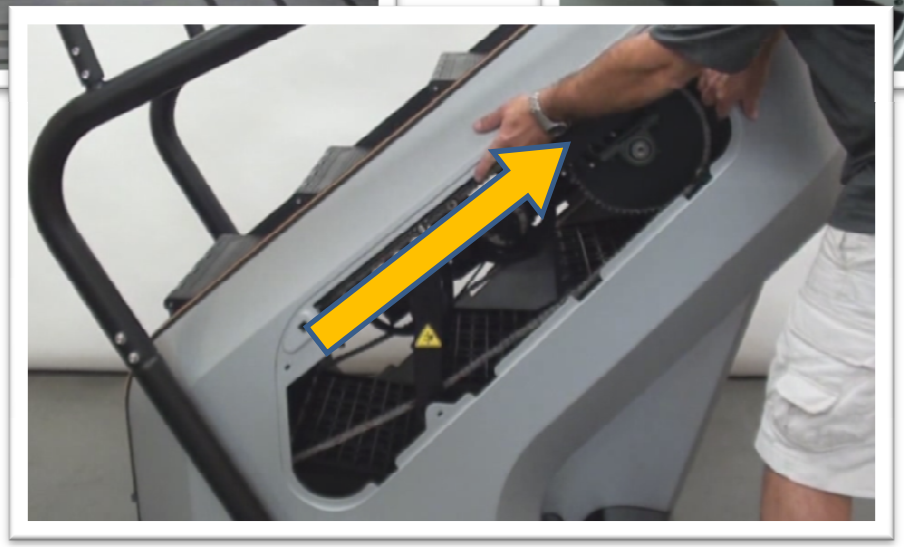
ClimbMill Drive System Replacement

Remember, make sure the ClimbMill is removed from power and the stair entry is blocked from any user.

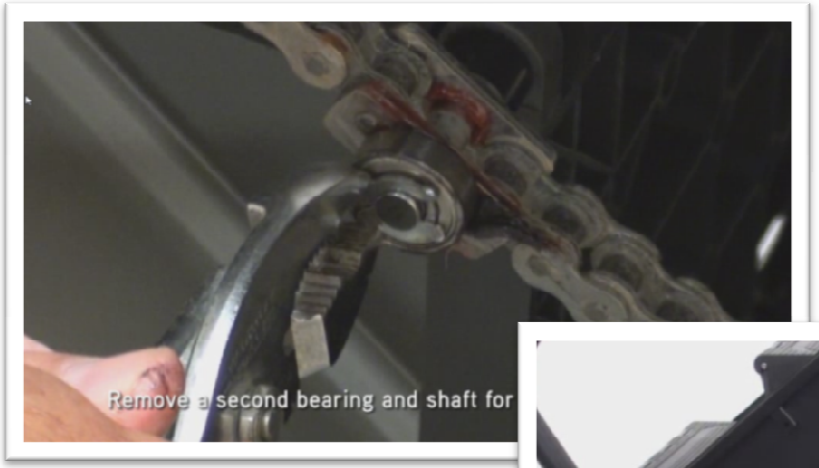
1. Remove left and right side inspection covers
2. Release DC Brake by moving the service lever to the left. This will allow you to move the stairs.
3. Remove the Control Zone to expose the lower side cover screws.

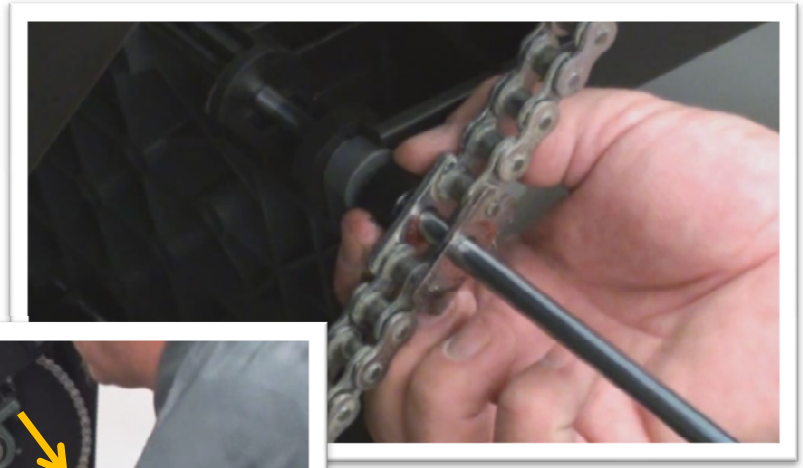


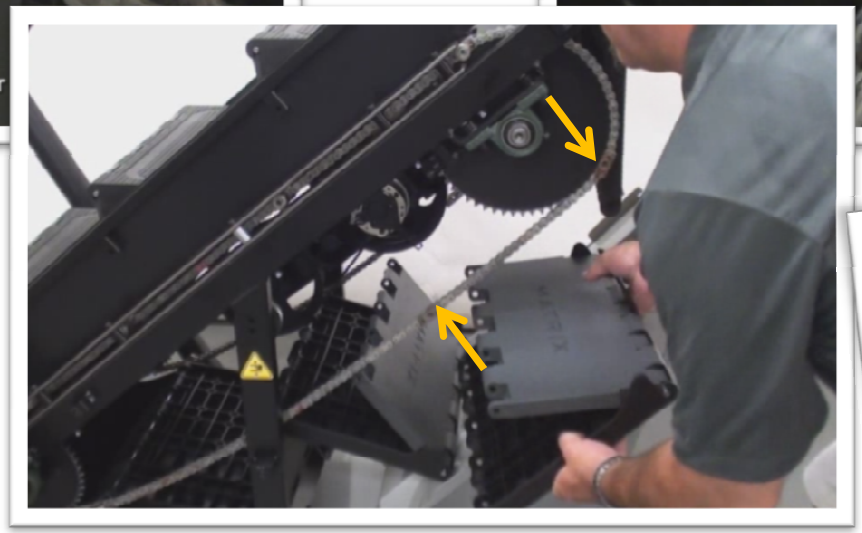
4. Rotate the stairs slightly for easy access to the 3 top plate screws. Remove the top plate.
5. Remove the 4 screws from each side cover.
6. Remove the side covers by pulling up and forward approximately 1” to release cover tabs.

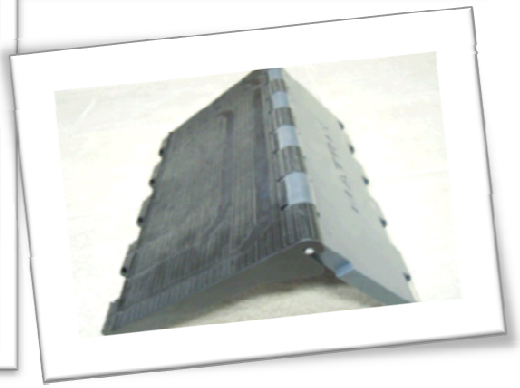


7. You are about to remove one complete stair tread and riser. Use a pliers to remove the X-washer retainer from only one side. Remove bearing & washer.
8. Pull stair rod thru the other side, remove both spacers.
9. Pull another stair rod next to the previous using the same procedure. Remove tread and riser set.





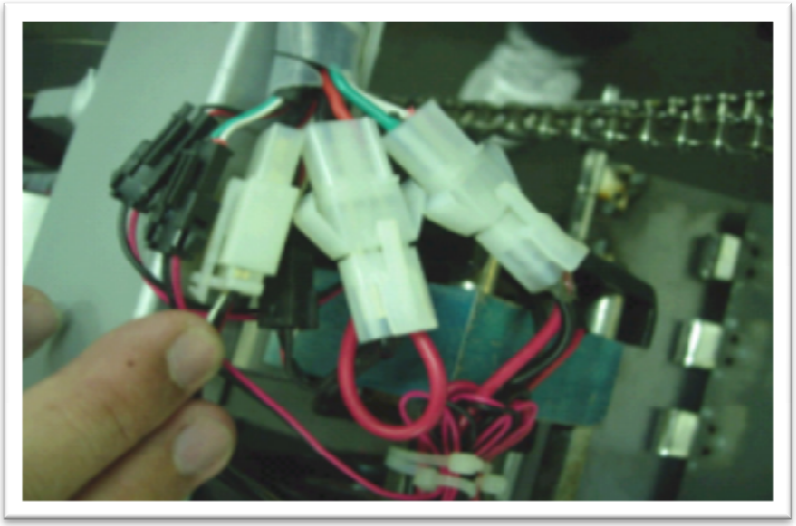




ATTENTION: X-WASHERS CANNOT BE REUSED

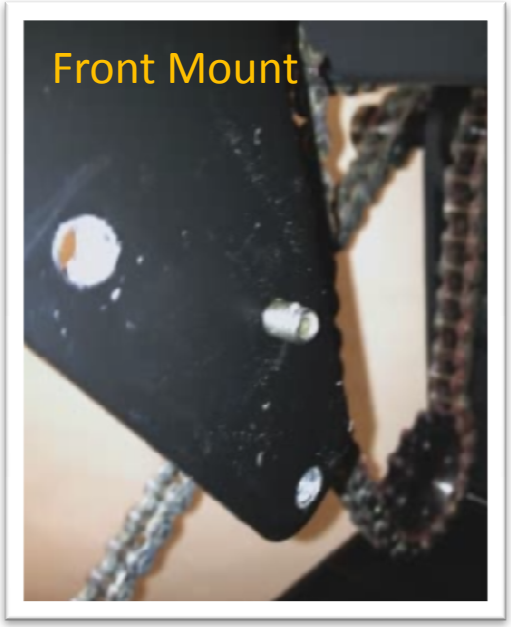
10. Carefully rotate the stairs around so the stair opening is on top, centered over the Drive System.
11. Remove 4 screws from the dust plate; remove dust plate and place on top of stair tread and riser (this will ensure replacement of dust plate before tread and riser).

12. Disconnect all wire connectors including the Speed Sensor
13. Remove the small Drive Sprocket. It might be helpful to lock the DC Brake at this time. Use a long punch on the backside of the sprocket if necessary.



12. Remove the 4 mounting bolts of the Drive System.
13. Swing the Banjo Adjusting Bolt out of keeper located at the rear of the Drive System.

14. The Drive System is now ready to be removed. Please note the two different frame retainers. Understanding this will ease the removal and installation of the Drive System.
    - Rear retainer is a Button head bolt, the Drive is slotted, make sure this bolt is loose.
    - The Front retainer is a Stud, this is most important to remember. The front of the Drive must be moved to the right, off the Stud before you can move forward.



15. To remove the Drive System you are going to make 3 movements. With the DC Brake locked, put a hand on the front flywheel and a hand on the rear pulley.
    - With the upper hand, move the drive right and then down. Clearing the front frame mount.
    - Now move the entire Drive forward out of the rear retainer.
    - Lift the Drive System out of the stair well.

16. Reverse order to install new Drive System. Additional note to assist you:

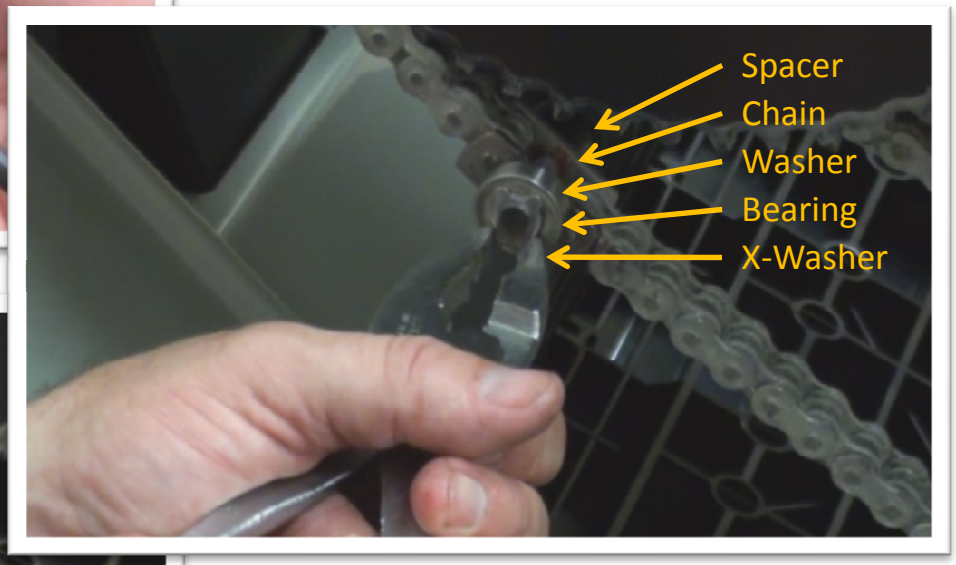
Drive Installation

- When installing the new Drive, the front mount needs to be place between the front pulley and flywheel before trying to mount rear retainer.
- Before installing mounting bolts, make sure all wires are clear from pinch points.
- Leave all bolts loose so you can move drive back and forth, this will be necessary to remount the sprocket. You can also secure the drive forward by tightening one mounting bolt until the sprocket is mounted.
- The sprocket and drive are machined surfaces, once the sprocket is on the drive, tap it on. You can then rotate the drive axle to align the sprocket mounting holes.
- Chain tension should approximately be 1/8-1/4" of play.
- Install the Banjo Adjuster Bolt after Drive System mounting bolts are tight. Only snug the nut. (don't forget to replace the Dust Plate)

Stair Tread & Riser Install

- Rotate the open section over the top, just past the upper sprocket. This will position for easy stair rod install.
- Start stair rod with existing x-washer, bearing and washer. Insert into chain, add spacer and gray riser. Add black tread and insert rod all but the last 2-3 inches.
- From the other side, you will be able to stick you arm between the front frame and tread to pull the rod towards you while installing the spacer and thru the chain.
- Install washer, bearing and NEW X-washer.

CONGRATULATIONS!



*Print this guide and have handy for an easy and successful Drive System replacement!!