



# NXT 3 to NXT 4 Upgrade Guide

Effective May 2019

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## Pure Water Window Cleaning System Upgrade Guide For The NXT System

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### Contents of the Upgrade Kit

- 1 Each Pump Box Assembly
- 1 Each NXT 4 Pump (SKU# TSNXT-U-4)
- 1 Each Connection Hose
- 1 Each Guillotine Clamp
  
- 4 Each 1/4-20 Hex Head Bolts
- 8 Each 5/16" Washers
- 4 Each 1/4-20 Nylock Nuts
- 4 Each 1/4-20 Flat Nuts

### 1. Remove Hose Reel and Hardware from Base Plate

Remove the 4 wingnuts securing the hose reel to the base plate of the NXT frame. Lift up to remove the hose reel and set it aside for future use. Next, tilt the unit down on the handle and remove the 4 bolts and flat nuts from the bottom of the baseplate. The flat nuts can be sharp so take care when removing or replacing the bolts. We included hardware that you may already have on the unit, keep any extra components for future use.

## 2. Positioning the NXT 4 Pump on the Base Plate

The guillotine clamp will be used to secure the pump to the baseplate. First, place the saddle portion of the guillotine clamp under the middle of the round portion of the pump. Next, position the pump on the baseplate with the outlet facing the front of the cart and the inlet (female swivel) facing backwards. Then position the pump box assembly (switch towards the front) over the baseplate aligning the bolt holes at each corner to those on the baseplate. Ensure that there will be enough clearance to rotate the inlet fitting and that the pump does not contact the sides of the pump box. Also check to ensure that the filters will not interfere with the fittings. Next, remove the pump box without disturbing the pump and guillotine clamp saddle. Use a pencil to mark around the round portions where the U-Bolt will go through the guillotine clamp saddle into the baseplate and drill out both holes with a 7/16" bit. Insert the U-bolt with the round portion over the round portion of the pump and attach both nuts on the other side of the baseplate. Wait to fully tighten these bolts until the pump box is mounted to ensure proper alignment.

## 3. Mounting the Pump Box on the Base Plate

Insert one bolt in each of the 4 corner holes on the baseplate and secure them using the flat nuts with the threads above the baseplate. Then position the pump box with the switch facing forward and the bolts in the holes on each foot over the 4 corner bolts. Double check that the pump does not contact the pump before fully tightening the two nuts on the U-bolt securing the pump. Secure the pump box to the baseplate using a washer and lock-nut on each corner bolt. Finally, plug the power cord from the pump into the female plug on the pump box assembly.

## 4. Mount the Hose Reel

Insert one bolt into each of the 4 holes on the top of the pump box assembly and secure using a flat nut. Do not tighten these down fully, as they may need to be moved somewhat to fit the hose reel. Secure each bolt with a washer and wingnut to mount the hose reel to the top of the pump box assembly.

## 5. Plumb your NXT 4

Take the provided connector hose and attach the female end on the bottom of your DI filter. Loop the hose down and around the axle and attach the other end into the inlet of the pump. Take the inlet hose from the hose reel and attach it to the outlet of the pump. Do not run the pump without water flowing, this will damage the pump. Make sure water is flowing to the brush before starting up the pump.

Enjoy your NXT 4!

### Resources:

NXT4 Manual:

[www.window-cleaning-supply.com/content/pdf/NXT4-WaterFed-Manual.pdf](http://www.window-cleaning-supply.com/content/pdf/NXT4-WaterFed-Manual.pdf)