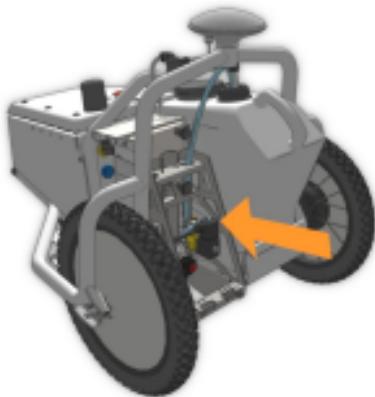


# Cleaning the Spray System on ProX Tine Line Marker



## Tiny Routines



Instruction language



### Note

if using colored paint: whether switching between colors or using color just once -

**Always** keep a canister of **fresh water** with you.

When changing paints; **flush the system** until the hoses run **clear**



## Cleaning Tools Preparation

Prepare following tools/cleaning supplies



Spatula



Gloves



Sponge



Screwdriver  
TX20



Brush



i

### Preparations

Prepare containers and water:

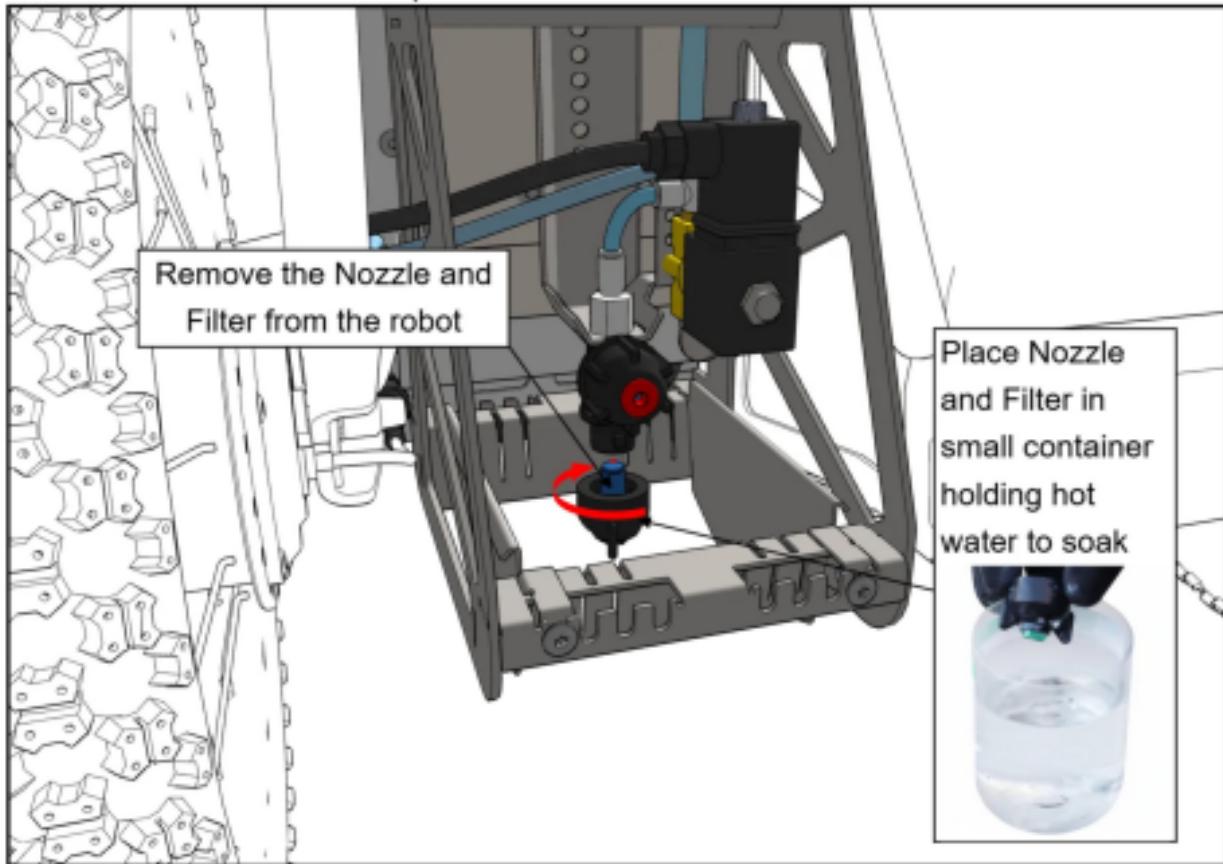
- Container with cold water
- Container with hot water (around 50°C/120°F)
- Small container/pot with hot water, for soaking parts.
- Empty container and
- Emty tray/tub to slide under the spray tool



**Minimize** any mess and  
**avoid** dumping paint  
directly into drains or the  
sewage system

⚠

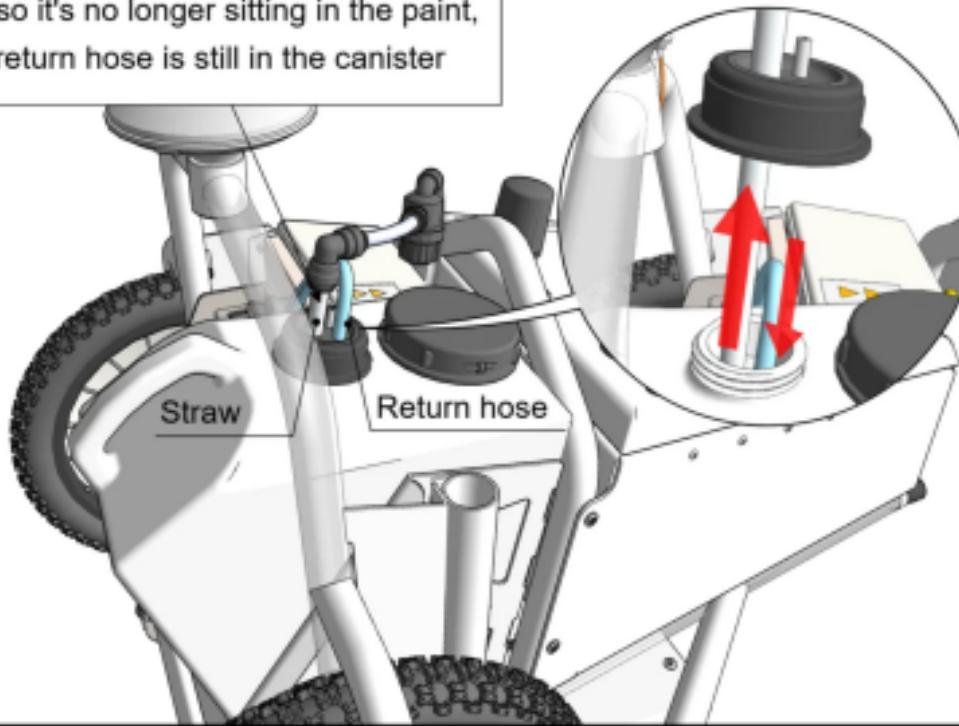
## Step 1 - Remove Nozzle and Filter



## Step 2A - Empty Remaining Paint from System

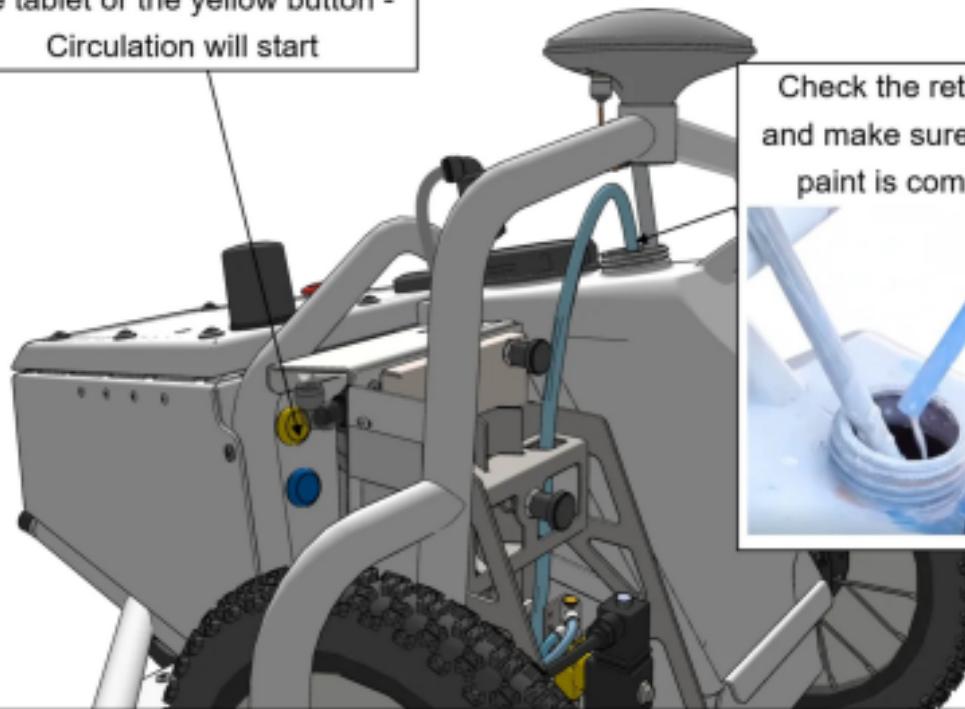
**Empty the spray system of remaining paint**

Lift the Straw so it's no longer sitting in the paint,  
ensure the return hose is still in the canister



## Step 2B - Empty Remaining Paint from System

Activate the pump, either using the tablet or the yellow button - Circulation will start



Check the return pipe and make sure no more paint is coming out



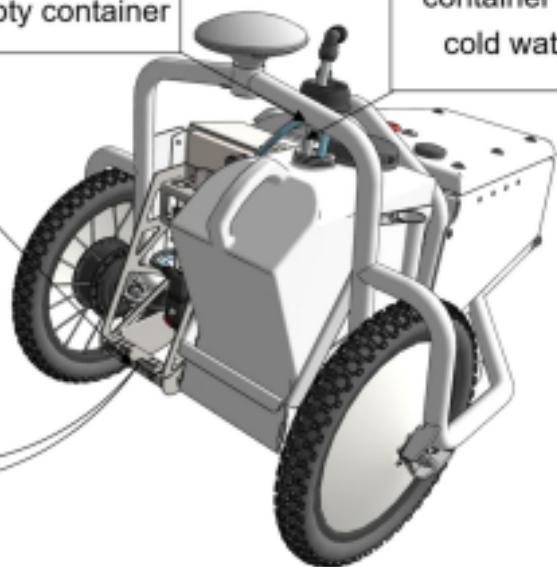
## Step 3A - Initial Cold Water Flush

**Make following setup**

Tray/container under  
Spray Tool Nozzle

Return Hose in  
empty container

Suction Straw in  
container with  
cold water



## Step 3B - Initial Cold Water Flush

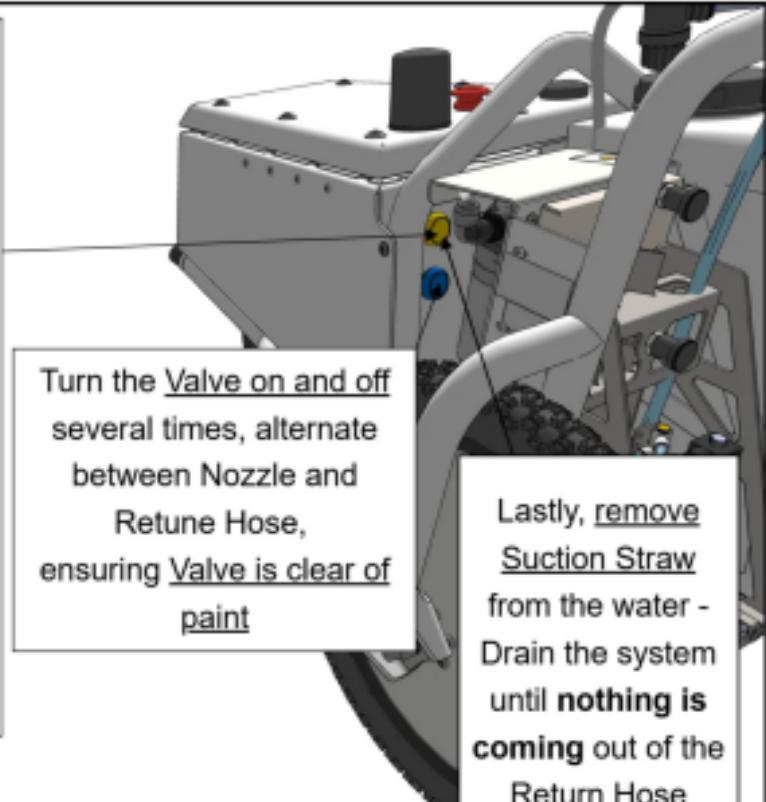
### Start the flush

Turn on the pump give it a moment to create a vacuum, paint starts pumping out of Return Hose,

continue until only water is coming through Return Hose



Turn the Valve on and off several times, alternate between Nozzle and Return Hose, ensuring Valve is clear of paint



Lastly, remove Suction Straw from the water - Drain the system until **nothing is coming** out of the Return Hose

## Step 4 - Clean the Inline Filter Mesh

### Clean Mesh inside Inline Filter

Remove the screw cap -

Place Mesh and Cap  
into the small container  
of hot water to soak



**Be careful!** There is a small rubber  
washer inside the screw cap -  
Make sure you don't lose it



## Step 5A - Hot Water Flush (Deep Clean)

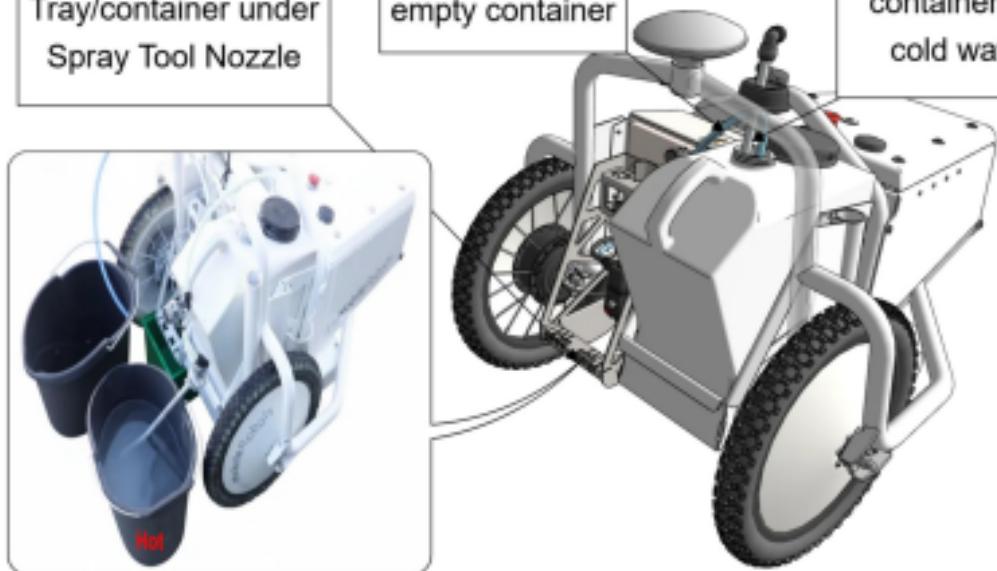
### Prepare the Robot

Use the same setup as before, this time use hot water

Tray/container under  
Spray Tool Nozzle

Return Hose in  
empty container

Suction Straw in  
container with  
cold water



## Step 5B - Hot Water Flush (Deep Clean)

### Clean Cap and Mech

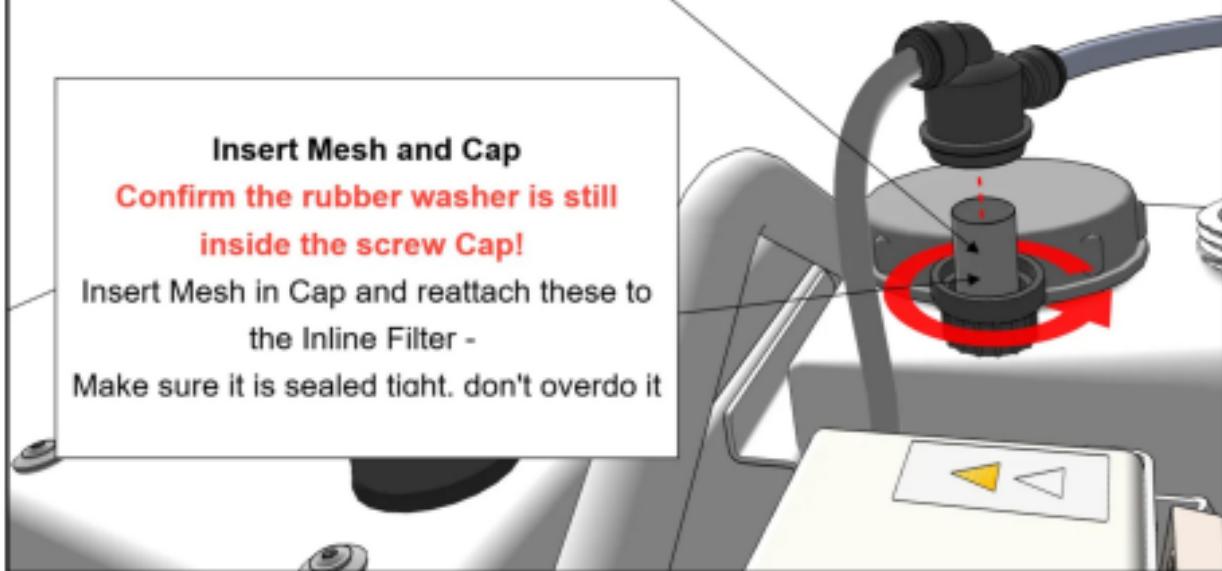
Clean out remaining paint, if needed,  
on Screw Cap and Filter Mech use  
brush or similar

### Insert Mesh and Cap

**Confirm the rubber washer is still  
inside the screw Cap!**

Insert Mesh in Cap and reattach these to  
the Inline Filter -

Make sure it is sealed tight. don't overdo it

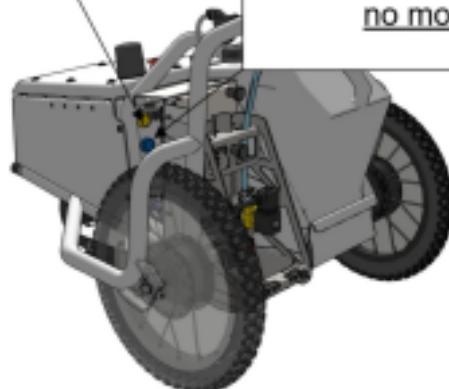


## Step 5 C - Hot Water Flush (Deep Clean)

### Priming the system

Pres Spray button (yellow) -

Once water is flowing;  
press Valve button  
(blue) on/off a few times to  
clear paint from Valve



### Deeper clean, with hot water

Turn off the pump and leave the hot water  
sitting in the system for 3 to 5 minutes -  
Use previous method, to clean out  
remaining paint until hoses are clear and  
no more paint is coming out

## Step 6 - Clean the Suction Straw Filter

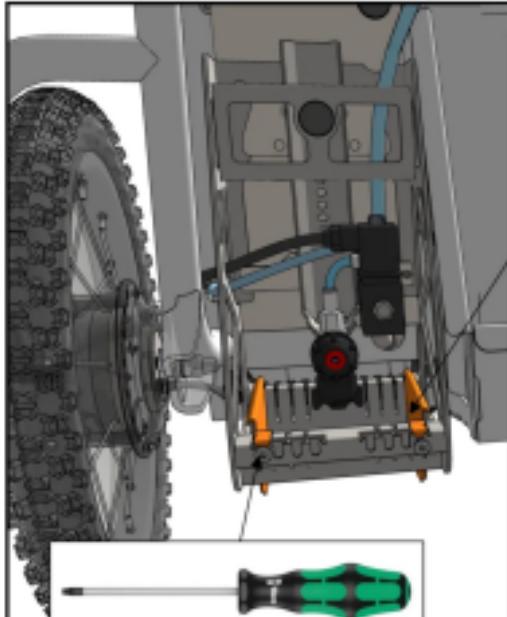


### Clean Suction Straw Filter

Clean Filter on Suction straw -  
Do this in the container with the  
hot water, use brush or similar



## Step 7 - Clean the Spray Plates



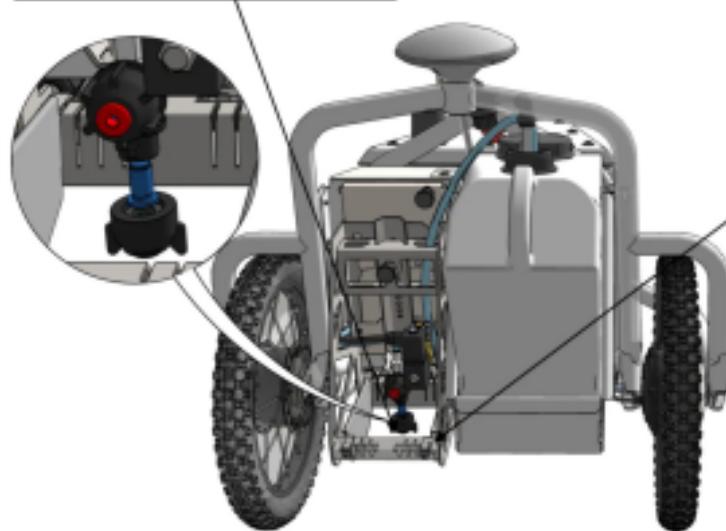
To loosen/tighten screw,  
use screwdriver TX25

### Clean the Spray Plates

*Clean Spray Plates, option of methods:*

1. While Plates are still on the robot:  
Clean with a scraper, cloth and hot water
2. Removing Plates; clean separately:  
Remove Plates using TX25 screwdriver  
to loosen the screws, don't take them  
out completely, lift Spray Plates off and  
clean with scraper, cloth and hot water -  
Reinstal Plates, make sure to return  
them to their original position (5, 8, 10,  
12 cm or 2, 3, 4, 5 in.)

Reattach Filter and  
Nozzle on Robot



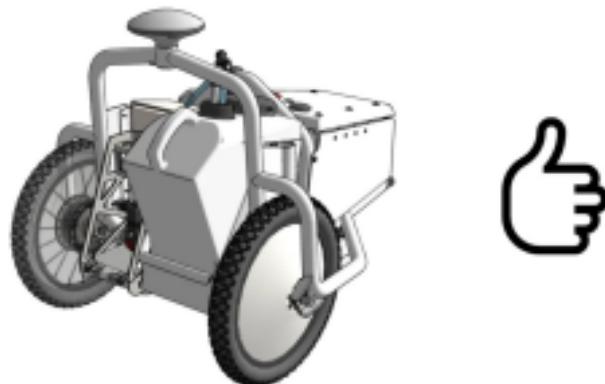
**Clean exterior**

Clean the outside of Spray Tool  
using warm water with cloths,  
scrapers, and sponges -  
**Never use** a pressure washer  
or high jet pressure from a  
garden hose



Cleaning done

Cleaning Spray Tool system is done



#### Support Information

For additional help or information, please  
reach out to our support department at  
[support@tinymobilerobots.com](mailto:support@tinymobilerobots.com) or  
alternatively you can find more resources  
at [help.tinylinemarker.com](http://help.tinylinemarker.com)