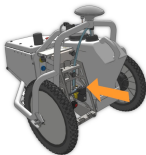


Cleaning the Spray System on ProX Tine Line Marker



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



Preparations

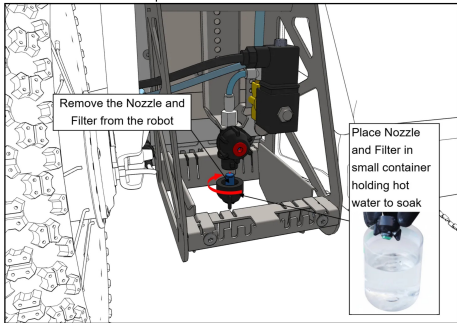
Prepare containers and water:

- 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
- Empty tray/tub to slide under the spray tool



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

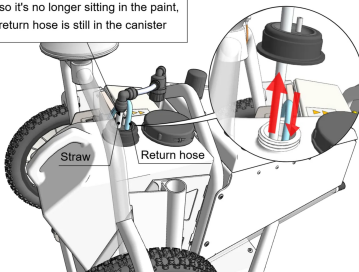
Step 1 - Remove Nozzle and Filter



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



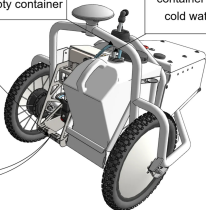
Step 3A - Initial Cold Water Flush

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)

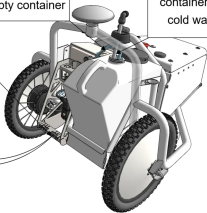
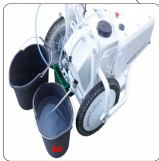
Prepare the Robot

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)

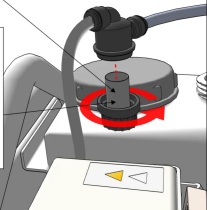
Clean Cap and Mech

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



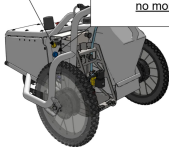
Step 5 C - Hot Water Flush (Deep Clean)

Priming the system

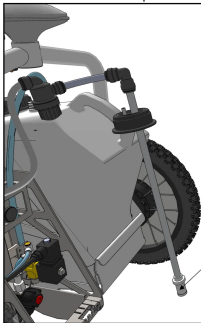
Pres Spray button (yellow) -
Once water is flowing;
press Valve button
(blue) on/off a few times to
clear paint from Valve

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

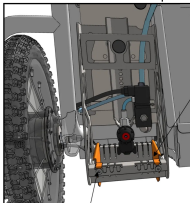


Clean Suction Straw Filter

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



Step 7 - Clean the Spray Plates



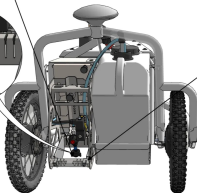
To loosen/tighten screw,
use screwdriver TX25

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 - Reinstall 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



High Jet Pressure 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 or alternatively you can find more resources at help.tinylinemarker.com