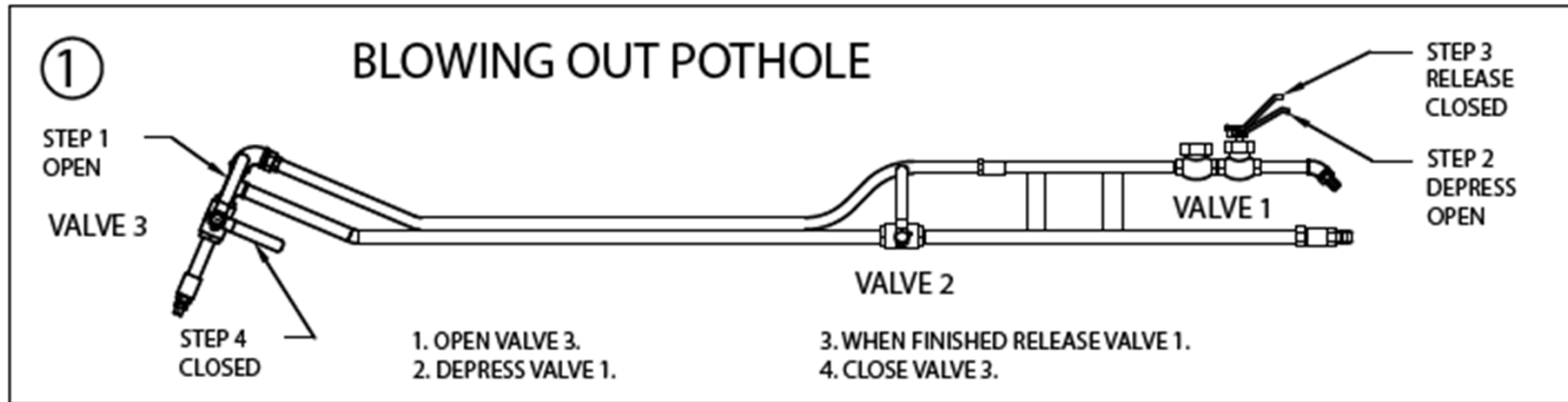




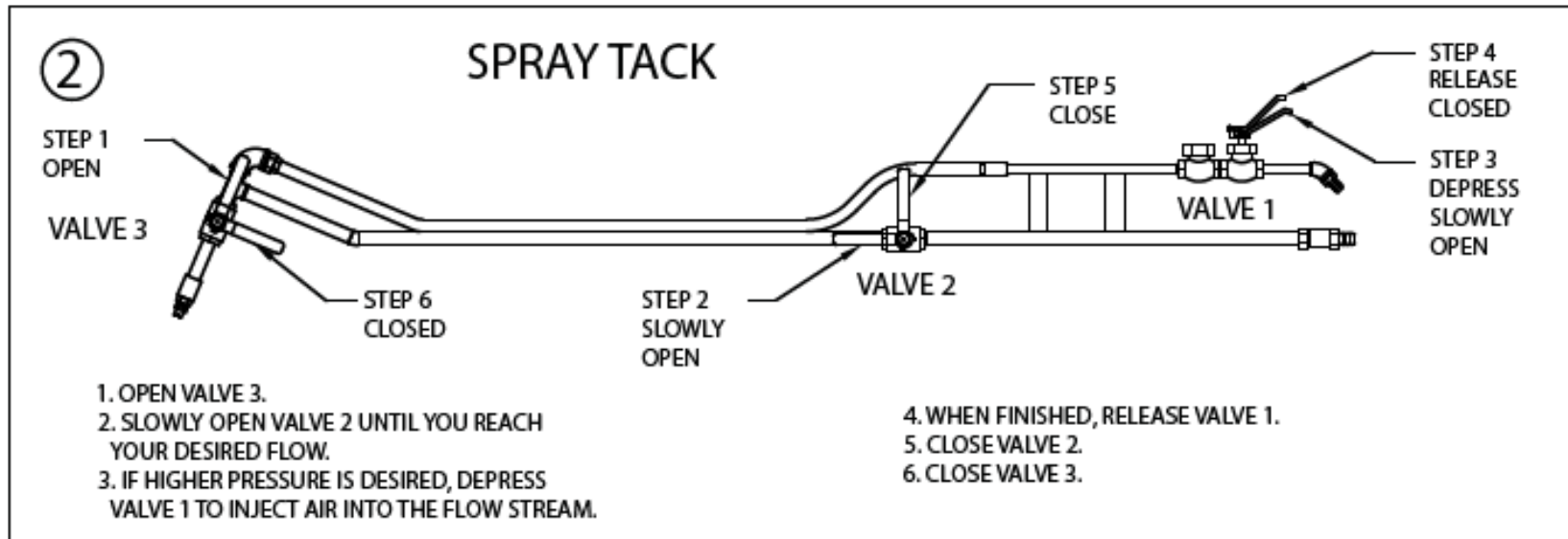
# Patcher Operation

## Tack Wand



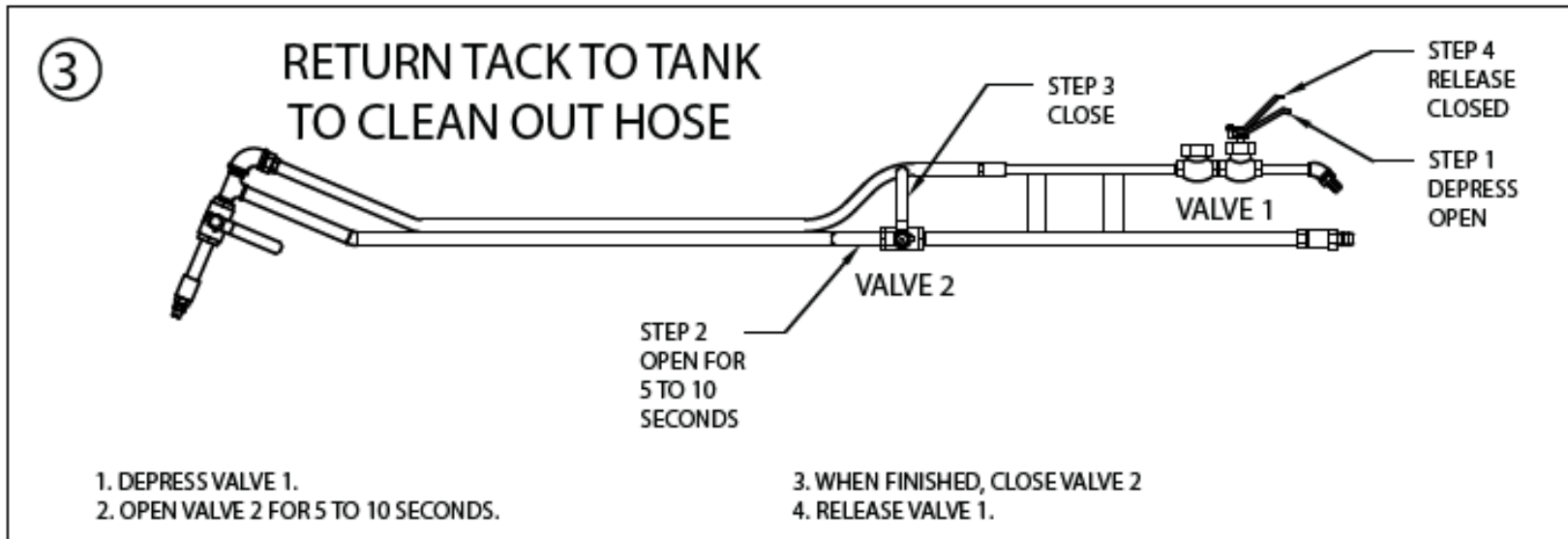
# Patcher Operation

## Tack Wand



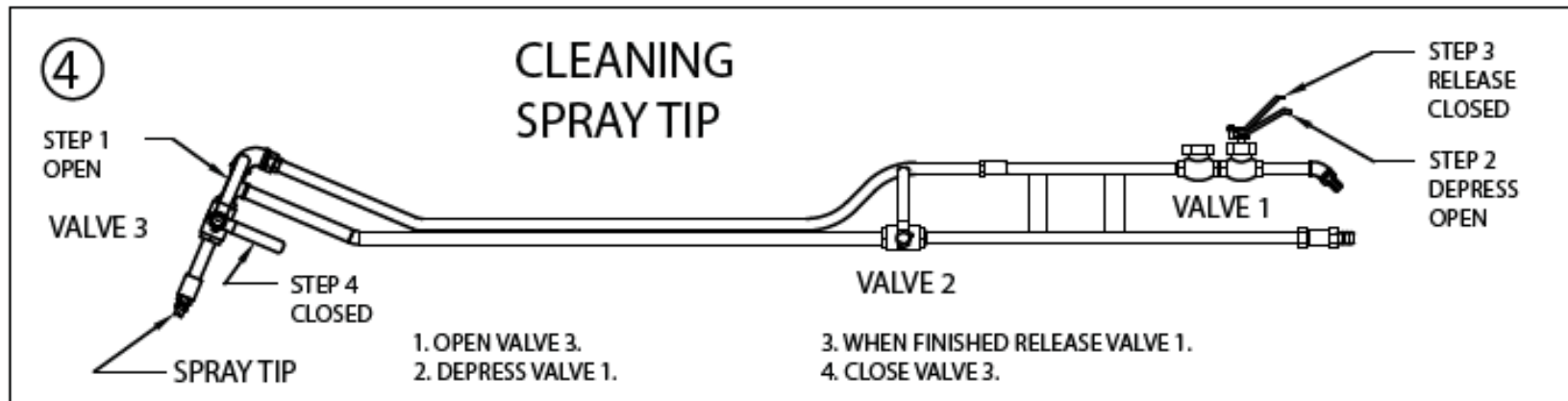
# Patcher Operation

## Tack Wand



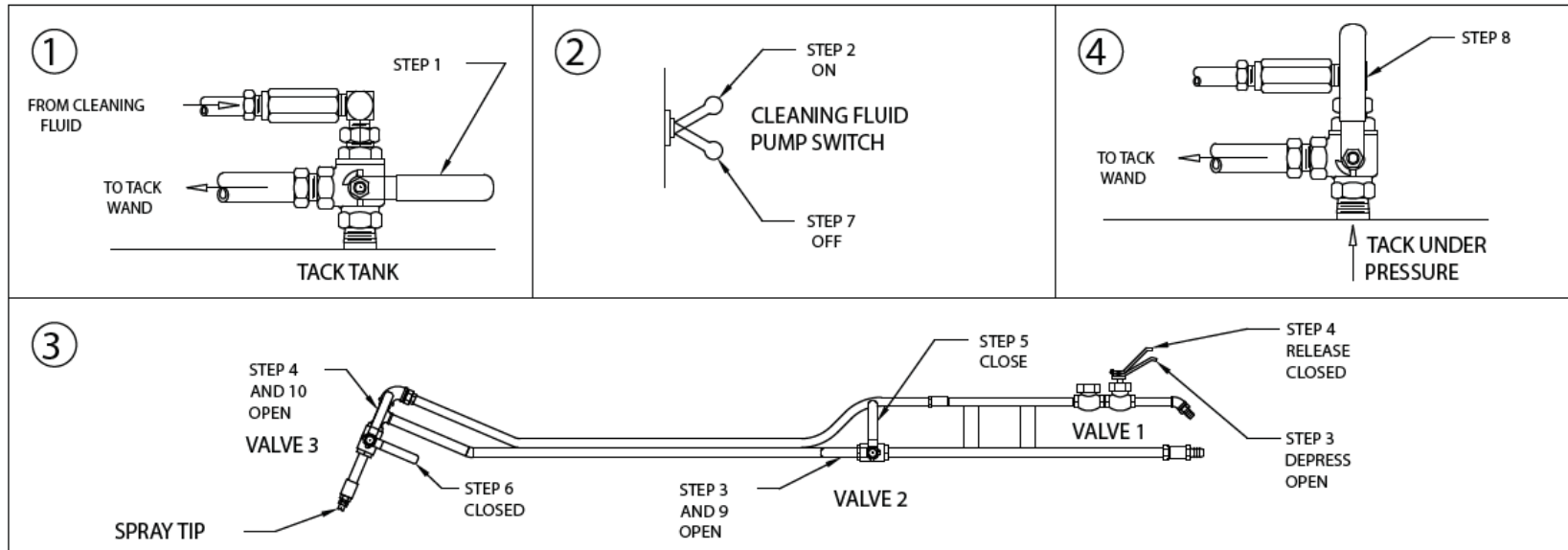
# Patcher Operation

## Tack Wand



# Patcher Operation

## Tack Wand - Cleaning





## **Preparing the Tack System**

1. Manipulate the brass valve on top of the Tack Tank closest to you, when standing on the access platform, to allow air pressure to drain off the Tack Tank.
2. Once all air pressure is drained, use a large crescent wrench to loosen the nut holding the Tack Tank Lid in place and remove the Tack Tank Lid – do not completely remove the nut or you may drop it in the tank.
3. Pour tack emulsion (SS1 or a water based emulsion) into the tank (up to 80 gallons) – recommend pouring through a screen to catch any small clumps or debris that could plug the spray tip.
4. After pouring the tack, use a rag soaked in cleaning fluid to clean the rubber gasket on the Tack Tank Lid and also the sealing surface on the Tack Tank.
5. Replace the Tack Tank Lid and tighten the nut using the crescent wrench to ensure a good seal.
6. Manipulate the brass valve on top of the Tack Tank closest to you, when standing on the access platform, to allow air pressure to now pressurize the Tack Tank – this should pressurize the Tack Tank to 30psi.
7. Locate the Cleaning Fluid Tank (labeled) on the access platform.
8. Remove the Cleaning Fluid Tank Lid and fill the tank using a citrus, soy, or petroleum based cleaner.
9. Replace the Cleaning Fluid Tank Lid.

## **Using the Tack System**

1. Remove the Tack Wand from the cradles and use a rag soaked in cleaning fluid to wipe any tack buildup off the nozzle tip and make sure both yellow-handled valves are in the closed position.
2. Open the yellow-handled valve closest to the nozzle tip.
3. Using the spring-loaded lever, blow the patch area clean of any remaining small debris using compressed air.
4. After blowing clean the patch area, slowly open the yellow-handled valve closest to the spring loaded lever to allow tack to come out of the tack wand – this may take a few seconds to remove any excess air in the tack hose.
5. Tack the patch area completely with a thin layer of tack emulsion – you can use the compressed air to feather out the tack as you spray.

6. After the patch area is coated with tack, close the yellow-handled valve closest to the nozzle tip.
7. Completely depress the spring loaded lever for approximately 15 seconds to force the remaining tack in the hose back to the Tack Tank –you should be able to hear/feel the air pressure overrunning the tack pressure – this needs to be done after each patch.
8. Use a rag soaked in cleaning fluid to wipe any tack buildup off the nozzle tip.

## **Cleaning the Tack Wand**

1. When done patching for the shift/day the Tack Wand needs to be cleaned using cleaning fluid.
2. Ensure both yellow-handled valves on the Tack Wand are closed.
3. From the access platform, manipulate the brass valve on top of the Tack Tank that is farthest away (towards the rear of the machine) to allow cleaning fluid to be sprayed from the Tack Wand.
4. On the back of the machine between the back wall of the hopper and the Rear Spoils Bin, turn ON the Cleaning Fluid Pump.
5. Open both yellow-handled valves on the Tack Wand until you see cleaning fluid coming from the nozzle tip – let this run for 5-10 seconds.
6. Close the yellow-handled valve closest to the nozzle tip, allowing cleaning fluid to completely fill the Tack Hose and Tack Wand – let this sit for approximately 10 minutes allowing the cleaning fluid to break down any tack build-up inside the Tack Hose and Tack Wand.
7. Open the yellow-handled valve closest to the nozzle tip allowing the Tack Wand and Tack Hose to drain out – let this run for approximately 15 seconds then shut OFF the Cleaning Fluid Pump Switch.
8. Close the yellow-handled valve closest to the nozzle tip.
9. From the access platform, manipulate the brass valve on top of the Tack Tank that is farthest away (towards the rear of the machine) to allow tack to be sprayed from the Tack Wand.
10. Open the yellow-handled valve closest to the nozzle tip until you see tack come out, then close that same valve.
11. Completely depress the spring loaded lever for approximately 15 seconds to force the remaining tack in the hose back to the Tack Tank.
12. Close the yellow-handled valve closest to the spring-loaded lever on the Tack Wand.
13. Use a rag soaked in cleaning fluid to wipe any tack buildup off the nozzle tip.
14. Store the Tack Wand and Tack Hose in the cradles.