Repair & Replace Recycle/Flow Switch

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IMPORTANT!

Please read this before performing any maintenance or service work to this equipment!

⚠ WARNING

If you have not read the Operation and Maintenance Manual and feel you were not properly trained DO NOT ATTEMPT TO OPERATE THIS MACHINE**. Serious injury or death may result!**

In order to ensure the safety of your employees, contract maintenance personnel, and yourself it is very important to “Lock Out & Tag Out” this equipment before performing any maintenance or service work on it. Depending on the equipment there will be areas that need to be addressed with Lock Out / Tag Out procedures

- Water
- Electric
- Pneumatic

In each of the above areas it is necessary to ensure that it is impossible activate any input to the equipment while it is being worked on. There are a number of ways to accomplish this in each area. Due to this, each individual company should determine what system will work best for them and ensure that each employee strictly adheres to it. If you have any questions on how to start a Lock Out / Tag Out program, you can contact your State Department of Labor office and they would be happy to provide you with information and sources for materials.

⚠ WARNING

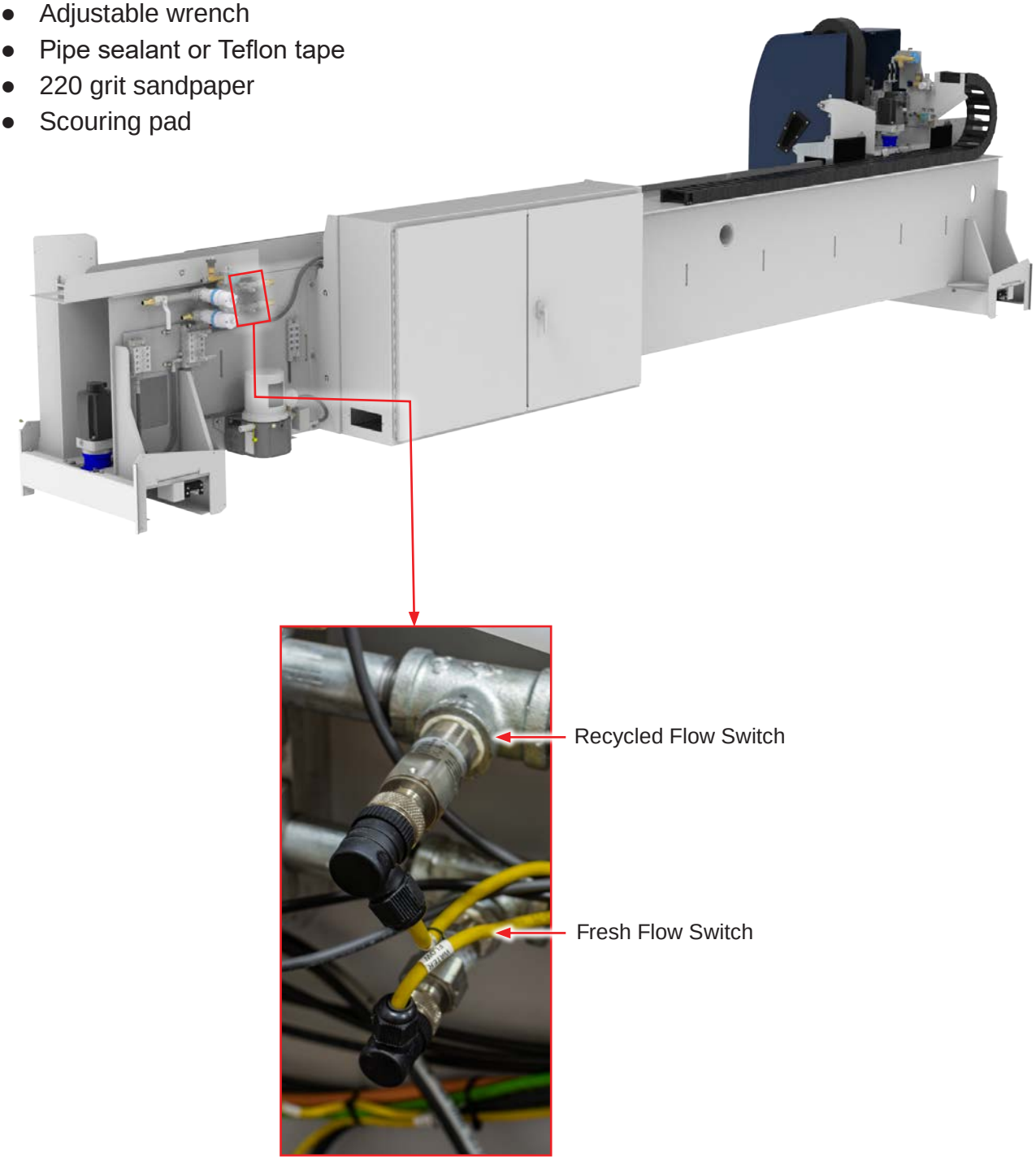
Maintenance is to be performed by trained personnel and while the machine is in a safe state to perform any maintenance. Machine must be in a safe state prior to any maintenance.

Description:

A step by step guide on repairing and replacing the fresh or recycled flow switch. The flow switch is part of the assemblies mounted on the back of the bridge, adjacent the main enclosure, and directly above the pressurized grease reservoir.

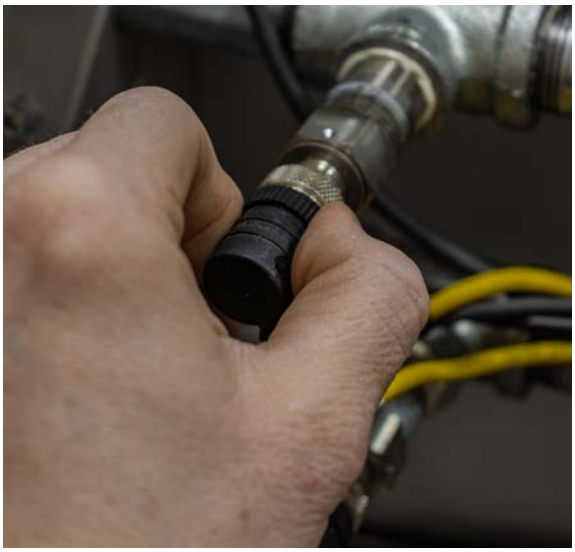
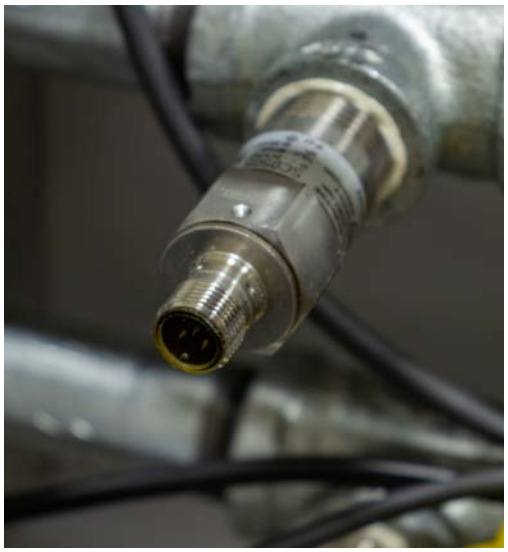
Tools and supplies:

- Adjustable wrench
- Pipe sealant or Teflon tape
- 220 grit sandpaper
- Scouring pad



1. Turn off the air, water, and power at the source and machine.

2. Unscrew the silver metal nut to disconnect the flow sensor cord.
3. Unscrew the sensor from the tee with an adjustable wrench.

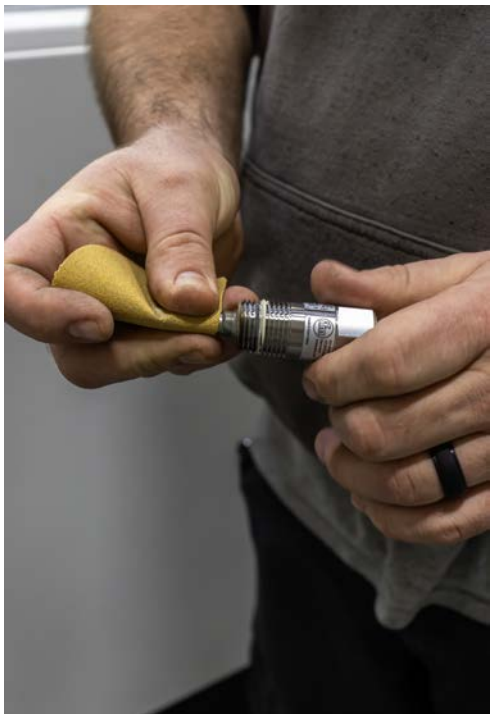




Important: *Stand to the side of the sensor when removing it to avoid getting splashed with water.*

4. For directions on how to complete maintenance on a sensor continue to “Repair” ; for directions on how to remove a broken sensor skip to “Replace”.

Repair

5. Use sandpaper, then a scouring pad to remove corrosion from the sensor stem.


6. Apply sealant to the sensor’s threads; screw it into the tee.
7. Tighten the sensor with an adjustable wrench.
8. Screw in the flow sensor cord.



9. Turn on the air, water, and power at the source and machine.
10. Check for leaks.

Replace

5. Dispose of the old sensor.
6. Apply sealant to the new sensor’s threads.
7. Install the sensor into the tee with the adjustable wrench.
8. Screw-in the flow sensor cord.
9. Turn on the air, water, and power at the source and machine.
10. Check for leaks.