

SOLDIER

Valve

Quick

Reference
Guide



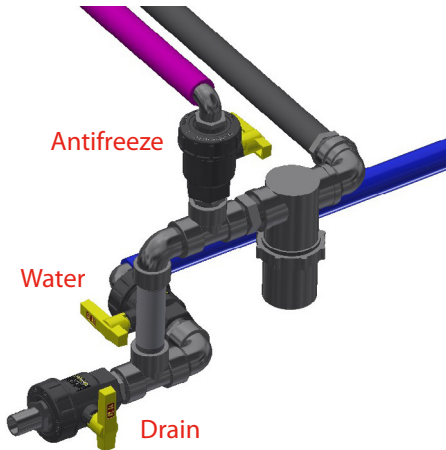
SPARTAN

VALVE GUIDE

NORMAL JETTING MODE

Forward Valves

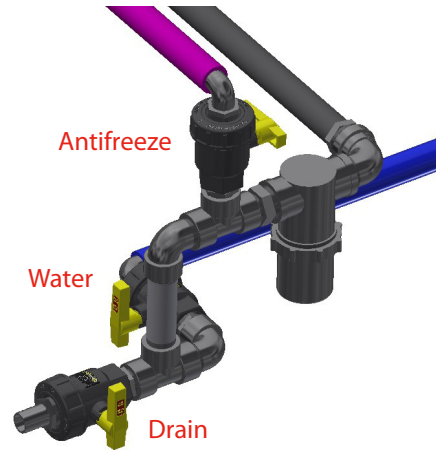
- Water Valve: Open
- Antifreeze Valve: Closed
- Drain Valve: Closed



CLEAN STRAINER (DAILY)

Forward Valves

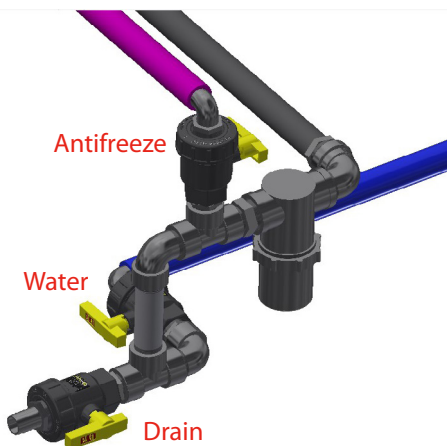
- Water Valve: Closed
- Antifreeze Valve: Closed
- Drain Valve: Closed



DRAIN WATER TANK

Forward Valves

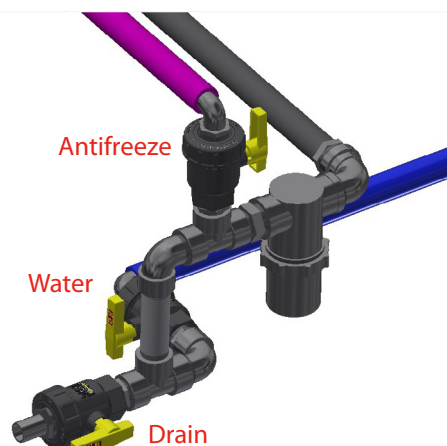
- Water Valve: Open
- Antifreeze Valve: Closed
- Drain Valve: Open



DRAIN ANTIFREEZE TANK

Forward Valves

- Water Valve: Closed
- Antifreeze Valve: Open
- Drain Valve: Open



Note: You can also dump antifreeze into tank while unit is running. Do not run pump dry after tank is empty.

ANTIFREEZE GUIDE

ANTIFREEZE START POSITION

Forward Valves

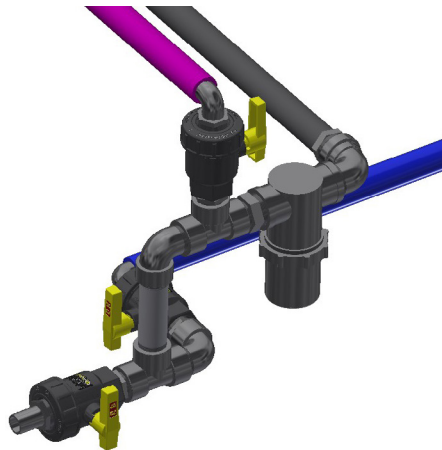
- Water Valve: Closed
- Antifreeze Valve: Open
- Drain Valve: Closed

Recirculation Panel *(shown on right)*

- Fill Reel Shut Off Valve: Open
- Tank Select Valve: Water Tank

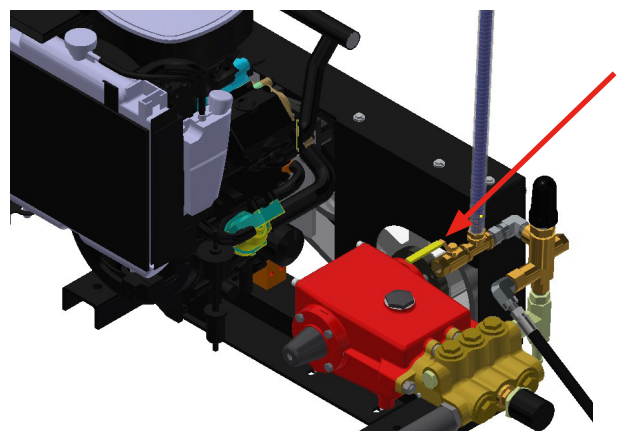
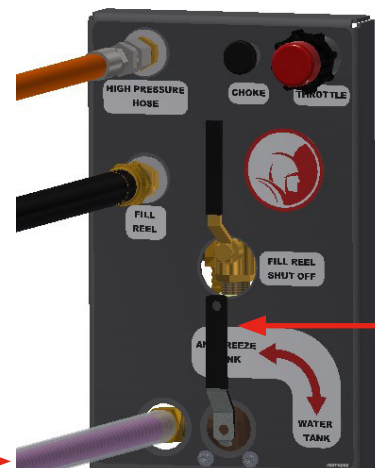
High Pressure Reel

- HP Valve: Open



1. Verify valves are in start position and that antifreeze tank is at least half full.
2. Connect HP hose and garden hose into recirculation panel and tighten fully.
3. Start unit. If water tank is drained, you may need to hold in the Murphy Switch.
4. After 60 seconds, antifreeze should flow through the pump / HP hose / garden hose and the clear hose going into the recirculation panel. Change the tank select valve to antifreeze tank after the short hose going into the water tank turns pink.
5. Turn off the unit and drain the water tank fully by closing the antifreeze valve and opening the water valve and drain valve.
6. Open the bypass valve located in front of the unit as well as the hydrant fill valve to drain any trapped water.

Watch for
Pink



RECAPTURE GUIDE

RECAPTURE START POSITION

Forward Valves

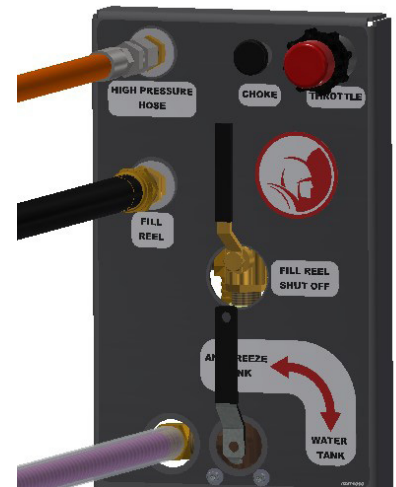
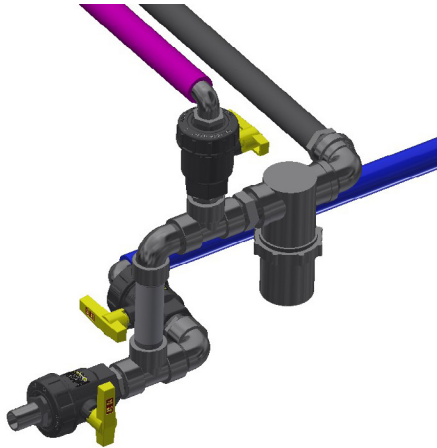
- Water Valve: Open
- Antifreeze Valve: Closed
- Drain Valve: Closed
- Bypass Valve: Closed

Recirculation Panel *(shown on right)*

- Fill Reel Shut Off Valve: Open
- Tank Select Valve: Antifreeze Tank

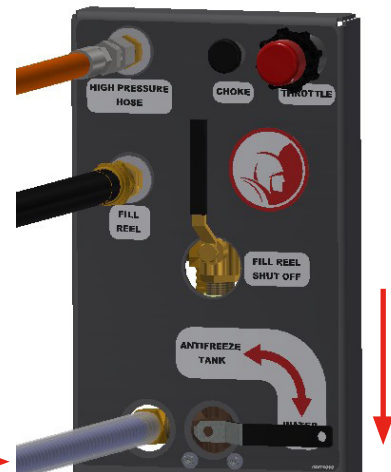
High Pressure Reel

- HP Valve: Open



1. Verify valves are in start position and that water tank is at least a quarter full.
2. Verify HP hose and garden hose are still attached into recirculation panel.
3. Start unit.
4. After 60 seconds, water should flow through the pump / HP hose / garden hose and the clear hose going to the recirculation panel. Change the tank select valve to water tank before it reaches the 3-way valve to prevent accidentally diluting the antifreeze tank.
5. Shut off the HP valve on the reel to safely remove high pressure hose.
6. You may now resume normal jetting with your Soldier.

Watch
for Color
Change



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