



9.10 Separator Replacement

9.10.1 Safety



Use lockout / tagout procedures prior to starting work.

9.10.2 Removing and Inspecting the Separator

See Figure 9-34.

1. Turn OFF power to the VST Control Panel at the Power Switch located on the front of the VST Control Panel. (The power, ground, and neutral will be completely disconnected from the GREEN MACHINE).
2. Follow lockout-tagout procedures prior to starting work.
3. Unlock the hasps and remove the cover from the GREEN MACHINE.
4. Remove the two 45° flare tubing connections from the separator, being careful not to damage the copper tubing.
5. Remove the 90° and straight pipe fittings from the existing separator for reuse.
6. The existing separator can be discarded.

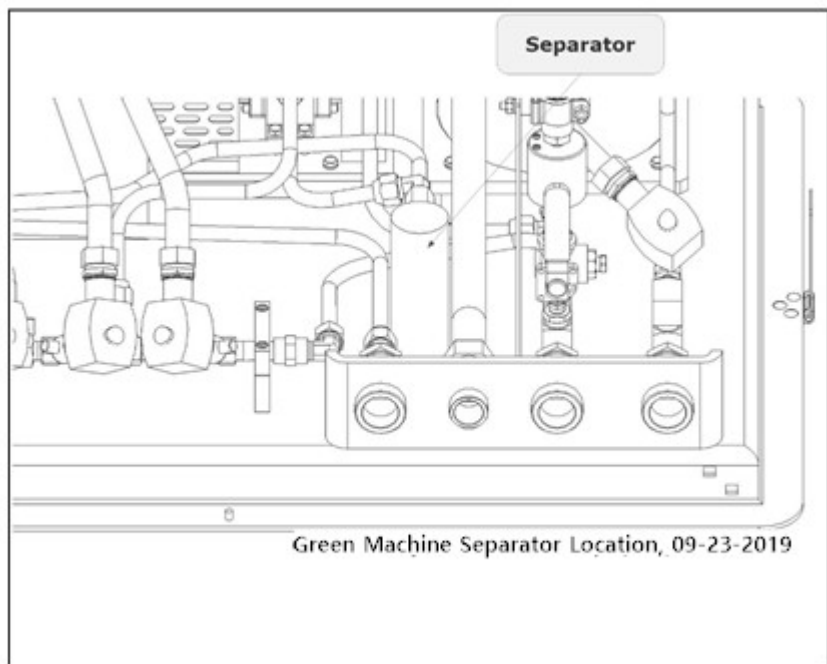


Figure 9-34: Separator Location



9.10.3 Installing a New Separator

See Figure 9-35.

1. Wrap the pipe fittings with gasoline resistant PTFE tape, and install the pipe fittings into the new separator.
2. Place the new separator into position in the GREEN MACHINE.
3. Re-install two 45° flare tubing connections.

CAUTION: Do not use any thread sealing compound when assembling the 45° flare nuts.

CAUTION: When tightening the 45° flare nuts: Clamp the tube flare between nut and nose body of the tube by screwing the nut on finger tight. Tighten with a wrench an additional ¼ turn for a metal-to-metal seal.

4. Put the cover on the GREEN MACHINE and lock the hasps.
5. Remove the lock(s) and tags from the lockout-tagout.
6. After the work is completed, turn ON power to the VST Control Panel. The GREEN MACHINE is now operational.

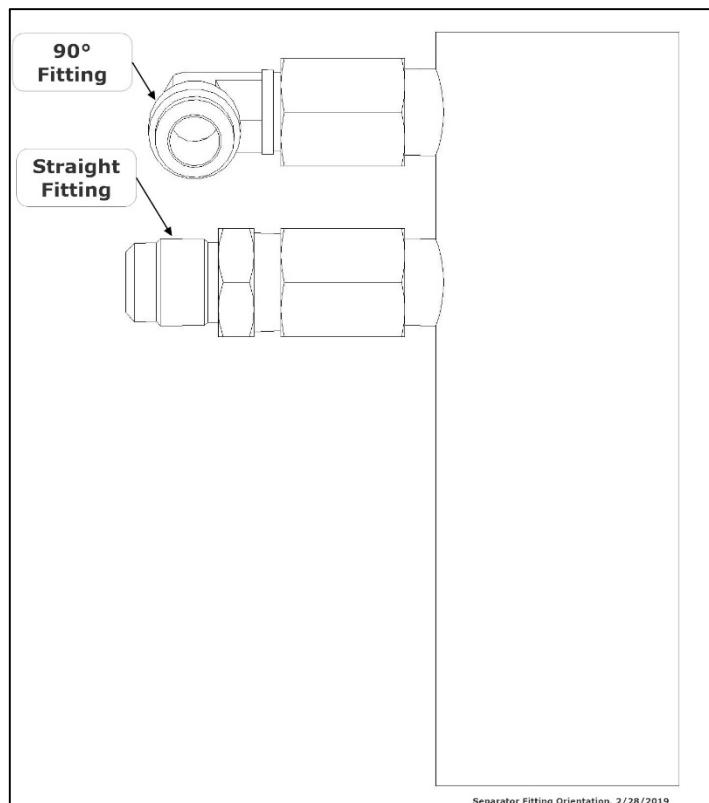


Figure 9-35: Separator Fitting Orientation