



# PP30 Flare Maintenance

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**At 1750 run hours Maintenance is performed on the following items:**

## Check/ Replace: 12V BLDC Blower

Check if each blower is working.

1. Unplug two of the three blowers
2. Remove sani clamp from gas tube
3. Power up system, setting the air and gas knobs at 11
4. If fan can be heard running, check for airflow by feeling for suction at intake, if present, fan does not need to be replaced
5. Repeat with other two fans

If any are not working, replace.

6. Unplug power cables to all three blowers
7. Using two 8mm wrenches unscrew blowers from flare weldment
8. Disconnect the two gas blowers from each other by unscrewing them
9. Remove gaskets and install them on new blowers.
10. Attach two blowers together the same way the other two were assembled
  - a. Check orientation is correct
11. Install blowers onto flare weldment
12. Plug back into power and test

## Replace: Igniter assembly

1. Disconnect the igniter from power
2. Unscrew the igniter from mount at top of flare
3. Replace with new igniter and screw down
4. Plug back into power and test