

Subject
<b>WHASP Tank Inline Check Valve Installation Instructions</b>

## System or Parts affected

- All systems equipped with WHASP Tanks

## Overview

This will help in preventing oil misting from, or oil coming out of the blowdown muffler.

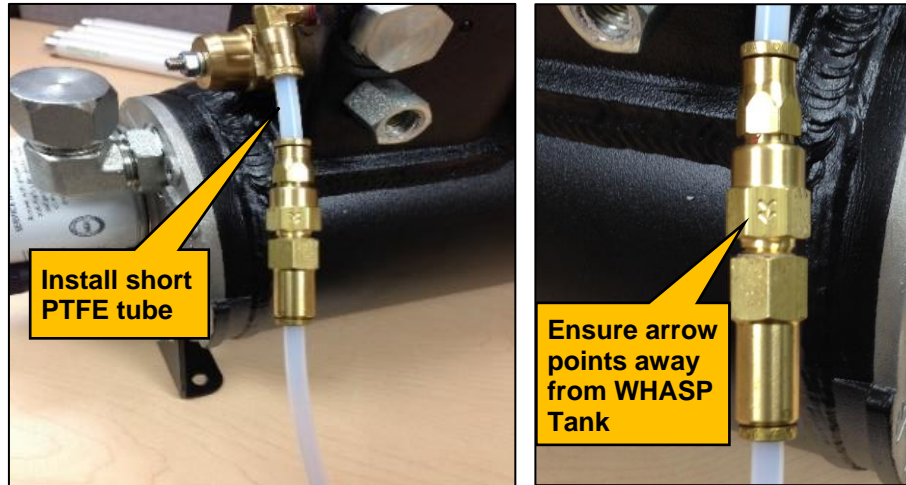
## Procedure

- Locate the 1/4 in white PTFE line coming out of the WHASP Tank and remove it (Figure 1).



**Figure 1 – Remove PTFE tube**

- Install the short section of PTFE into the fitting on the WHASP tank (refer Figure 3 for PTFE installation instructions).
- Install the check valve, ensuring the arrows on the check valve are pointing away from the WHASP Tank (Figure 2)



**Figure 2 Install check valve**

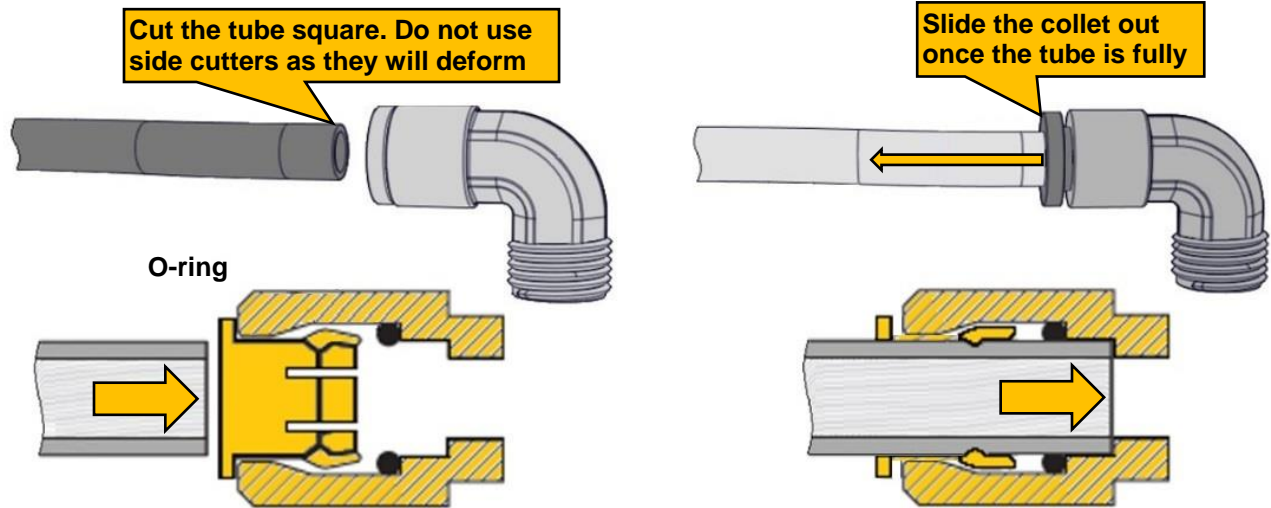
- Shorten the original PTFE line to ensure that, when reconnected, the line will not kink and the line will return to its original routing. When cutting the PTFE line ensure that a tube cutter or a sharp knife is used and the PTFE line is cleanly cut at 90°.
- Start the unit up using proper starting procedures and verify that there are no air or oil leaks coming from the newly installed Check Valve Assembly. Turn the unit off using proper shut down procedures.

Document	Version	Department	Revision Details	Revised by	Tech	Engineering	Implemented
EXT-ALL-017	B	Tech	Improve instructions	MSP	N/A	N/A	28 May 2018

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*Lubricate the tube and firmly push it into the fitting so that the tube fully seats in the fitting. Slide the collet out, away from the body of the fitting to lock the tubing in place. Ensure the tube does not have any 'play' to prevent the O-ring from wearing.*



**Figure 3 – Push-to-connect fittings**

- Lubricated the PTFE tube with compressor oil or assembly grease so that it doesn't roll the internal O-Ring when it is inserted, otherwise the fitting may leak.
- With the collet (sleeve in the fitting) against the body of the fitting, push the PTFE tube all of the way into the fitting. There will be a little resistance at first and then the tubing will be felt to seat against the fittings.
- Once the PTFE tube is fully seated, pull the collet away from the fitting to the PTFE tube in place.
- To release the PTFE tube, push the collet flush with the fitting.

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