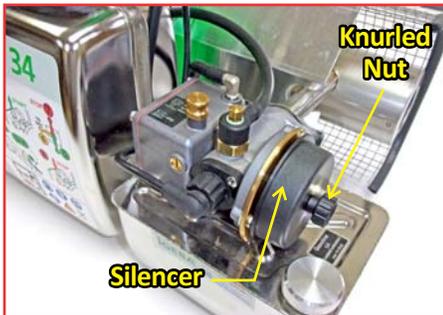


# 'How To' Series for the IGEBA TF-34 Fogger

This is an illustrated supplement to the owner's manual supplied with your fogging machine. ALWAYS refer to your operator's manual to read, understand and follow all safety procedures. This illustrated supplement applies ONLY to the IGEBA TF-34 Pulse Jet Thermal Fogger.

## - Cleaning/Replacing the Diaphragm -

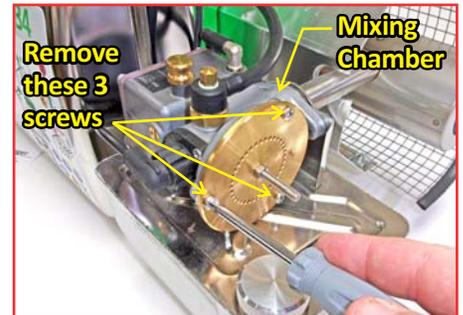
If your fogger is difficult to start or runs for a short time then quits, you may need to clean or replace the **Diaphragm** in the **Air Intake Valve Assembly**. The following shows where this is and how to clean or replace the Diaphragm.



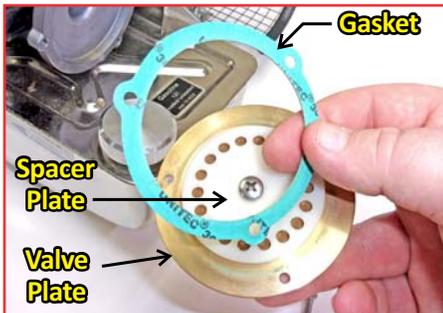
The Diaphragm is part of the Air Intake Valve assembly that is under the Silencer cap.



Removing the Knurled Nut and Silencer Cap reveals the Air Intake Valve assembly.



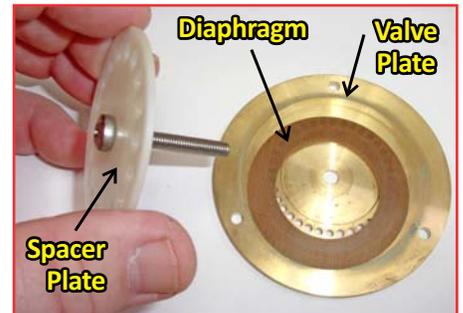
Remove the 3 mounting screws that hold the Air Intake Valve assembly to the Mixing Chamber.



Remove the Gasket from the back of the brass Valve Plate. Replace Gasket if damaged.



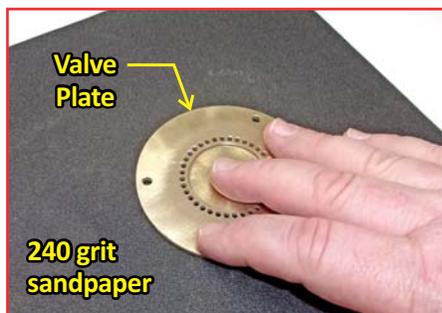
To take the Air Intake Valve apart, remove the hex nut and assembly screw.



The Diaphragm is a thin mesh washer between the Spacer Plate and Valve Plate.



Inspect the Diaphragm for any cracks, folds or tears. Replace Diaphragm if damaged.



Clean & recondition both sides of the Valve Plate with 240 grit sandpaper on a flat surface.



Use a small drill bit to clean holes in the Valve Plate. Do this by hand!

If the holes in the Valve Plate are dirty or clogged, clean them BY HAND with a small drill bit.

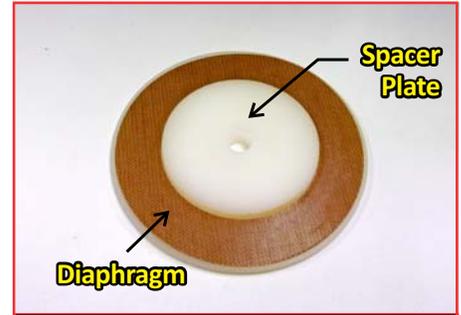
# - Cleaning/Replacing the Diaphragm -



Use a soft clean cloth and a flat surface to carefully clean both sides of the Diaphragm.



Use a soft clean cloth to clean both sides of the Spacer Plate, Valve Plate and Gasket.



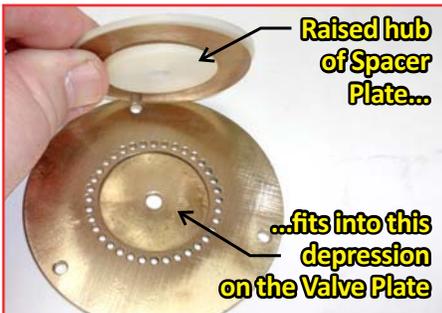
To reassemble, place the clean or new Diaphragm on the Spacer Plate as shown.



Questions? Call 800.624.1189 or email [sales@nixalite.com](mailto:sales@nixalite.com)



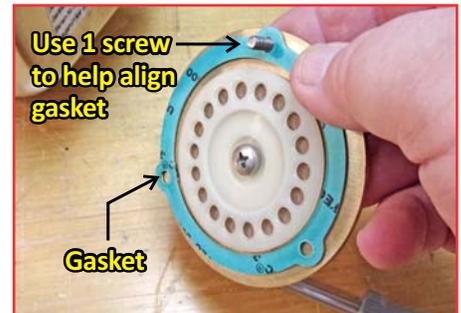
You can watch the step-by-step video at [www.nixalite.com/product/igeba-tf-35](http://www.nixalite.com/product/igeba-tf-35)



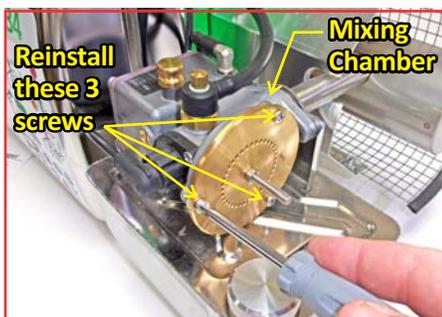
The raised hub of the Spacer Plate fits into the depression machined in the Valve Plate.



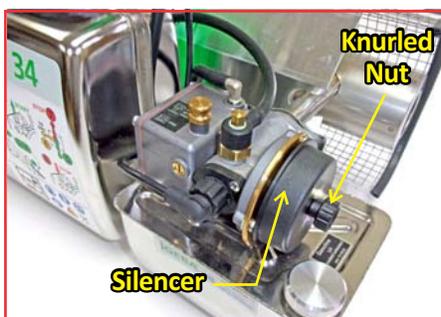
Keep Diaphragm centered over the Valve Plate holes. Reinstall the assembly screw and nut.



Place Gasket on the Valve Plate as shown. Use a mounting screw to help align the gasket.



Reinstall the 3 mounting screws that hold the Air Intake Valve assembly to the Mixing Chamber.



Reinstall the Silencer with the Knurled Nut. Finger tight only. Do not use tools.

## MORE TIPS & DETAILS:

> **REMEMBER** there's a spare Diaphragm in the tool kit included with your fogger. Keep this with you so you can quickly install a fresh Diaphragm and get back to fogging.

> When reassembling the Air Intake Valve, make sure that the Diaphragm stays centered over the holes in the Valve Plate. If misaligned the Diaphragm can be damaged. To keep the Diaphragm in place, hold Spacer Plate and Valve Plate firmly together while tightening the Assembly Screw and Hex Nut.

This is an illustrated supplement to the owner's manual supplied with your fogging machine. Always read, understand and follow the safety measures and instructions provided in the manufacturers fogger manual.



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