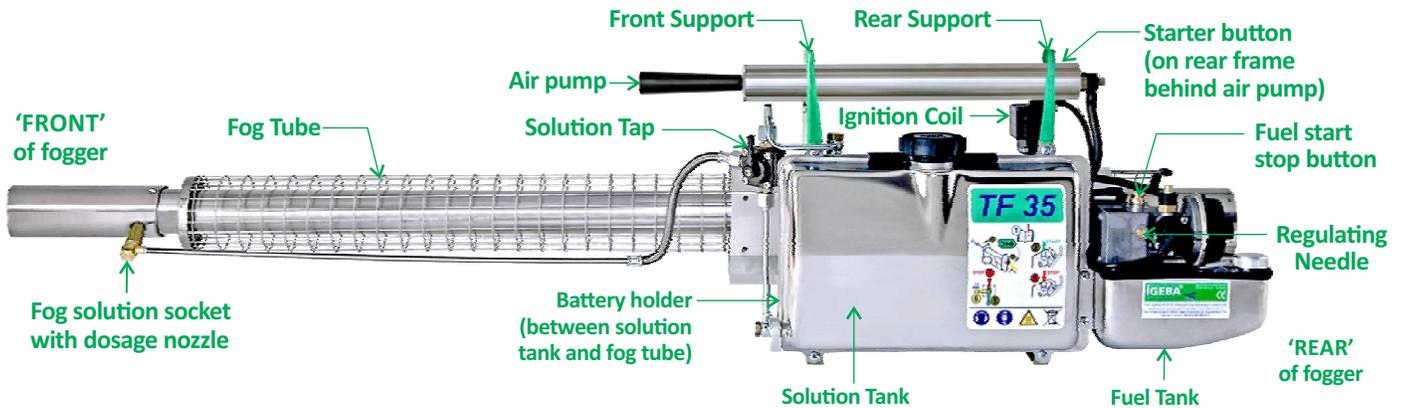


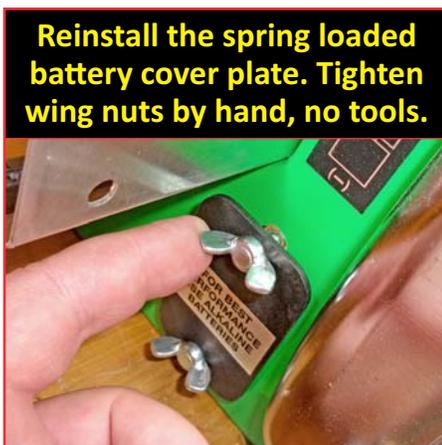
# Fogging with your IGEBA TF-35 Pulse Jet

This is an illustrated supplement to the owner's manual supplied with your fogging machine. For more details refer to the owner's manual. This illustrated supplement applies to the IGEBA TF 35 series, including the TF-35, TF-35/10, TF-W-35 and TF-W-35-L fogger models.



**!** ALWAYS read, follow and understand all the safety instructions printed in the operator's manual. All personnel that operate the fogger must be trained to do so safely. This is not a toy and improper use can result in serious injury or death. We highly recommend watching the videos for the TF-35 Series of Pulse Jet Thermal Foggers posted on our website at: [www.nixalite.com/product/igeba-tf-35](http://www.nixalite.com/product/igeba-tf-35)

## Install batteries & test ignition



### MORE TIPS & DETAILS:

- > Use quality D-cell alkaline batteries.
- > Find the battery holder cover plate on the **Front Support** between the **Solution Tank** and **Fog Tube**. Look for 2 wing nuts and the label that reads "For best performance use alkaline batteries".
- > Find the **Starter Button** at the top of the **Rear Frame**, next to the **Air Pump**. Push to test. A buzzing noise means it is good to go. If no noise, check battery installation (make sure they are all installed the same way) and power (there must be at least 6 volts of DC power).

# Add Gasoline & Fogging Chemical



Gasoline goes in the small tank at the rear of the fogger. Use the small funnel to fill the tank and reduce spills.



The fogging chemical goes in the larger tank. Use the big funnel to fill the tank.

## MORE TIPS & DETAILS:

- > Always use the funnels included with your fogger. They are properly sized and have filter screens installed to keep debris out of the Fuel and Solution Tanks.
- > Use straight gasoline for fuel. **DO NOT** add or mix anything with the gas. We suggest using 89 octane gas or higher.
- > Mix or dilute your fogging chemical in a separate container **before** you put it in the Solution Tank.
- > **This is not a toy.** Improper use can cause injury or death. Make sure all personnel using the fogger are properly trained.

## Quick IGEBA FAQ:

**Q:** Do I add oil to the gas (like a 2-cycle)??

**A: NO.** Pulse-Jet engines run on straight gasoline and do not require oil for lubrication as they have no moving parts.

## Quick IGEBA FAQ:

**Q:** Can I fog a water diluted solution in a pulse jet??

**A: YES.** There are optional Water Conversion Kits available for all IGEBA Pulse Jet Thermal Foggers. Contact Nixalite for details on your fogger.

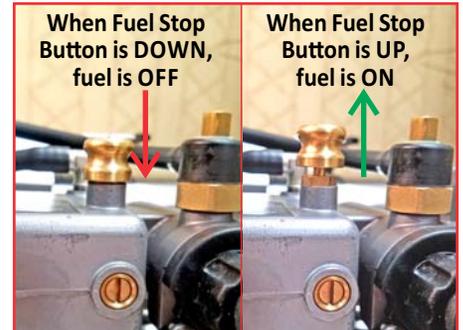
# Starting the Fogger; Pressure, Fuel, Spark



Before starting the fogger, press the Starter Button and cycle the Air Pump a few times to build pressure in the tanks.



Before starting, make sure the Solution Tap Valve is CLOSED (handle points up).



To start the fogger, you need fuel. Pull the Fuel Stop Button UP which allows fuel to flow.



**PUSH and HOLD** the Starter Button while cycling the Air Pump. Hold Starter Button for 10 seconds after fogger starts.



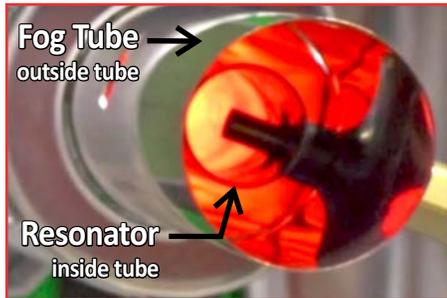
While pressing the Starter Button, cycle Air Pump until the fogger starts. Keep pumping for 10 sec. after it starts.

## MORE TIPS & DETAILS:

- > Pump the **Air Pump** a few times before starting. It builds pressure in both tanks and can make starting take less time.
- > Make sure the **Solution Tap Valve** is **CLOSED**. If in VENTILATION or OPEN, the fogger will be harder to start.
- > Pump the **Air Pump** at a moderate and steady pace. Faster is not better! You can damage the pump if you go too fast.
- > Continue holding the **Starter Button** and pumping the **Air Pump** for **10 seconds** after the fogger has started. This can help prevent stalling.

# Tuning Your Fogger

Read, understand and follow the safety precautions and steps provided in the fogger owner's manual. IGEBA pulse-jet foggers are tuned high in the Alps of Germany. Different altitudes and weather conditions can affect the performance of your fogger. Each fogger should be tuned your local conditions. **TUNING TIP:** Use a mirror so you can tune the fogger without having to look down the fog tube while it is running.



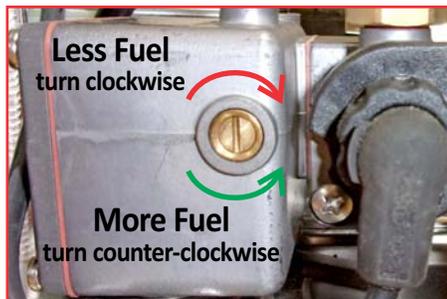
**When properly tuned, the exhaust flame does not go past the end of the Resonator tube (smaller inner tube).**



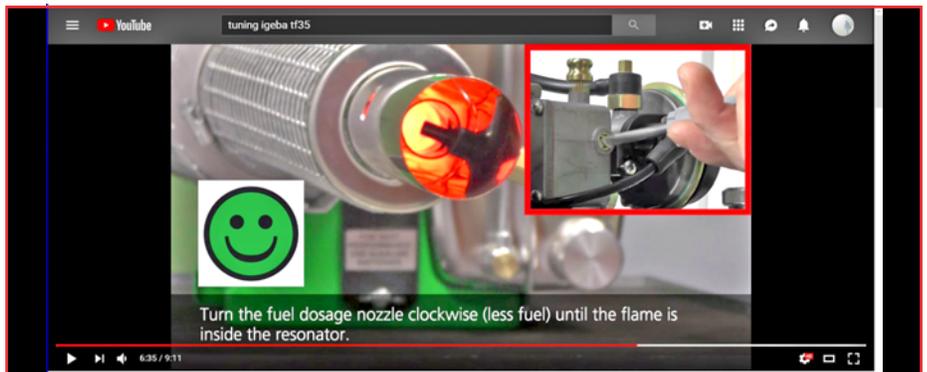
**If the flame goes past the end of the Resonator you must reduce the amount of fuel with the Regulating Needle.**



**If the flame does not reach the end of the Resonator you must increase the amount of fuel with the Regulating Needle.**



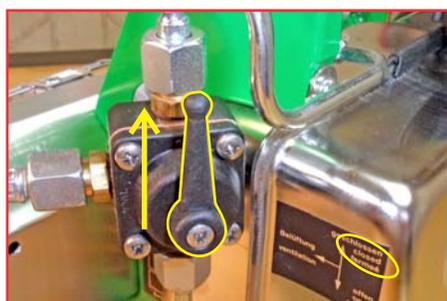
**Adjust the exhaust flame by turning the Regulating Needle screw. The flame should be just inside the Resonator.**



**!! See the tuning process step-by-step in the "HOW-TO" videos on our website. Watch these videos before using your fogger.**

# Start & Stop Fogging

Always use the **Solution Tap Valve** to start and stop the flow of fogging chemical. **DO NOT** stop the engine with the Solution Tap Valve open. Always use the VENTILATION feature before you stop the fog or engine.



**The Solution Tap Valve is at the front of the Solution Tank. When the valve handle points UP, the Solution Tap Valve is CLOSED.**



**To start fogging, turn the valve handle straight down to OPEN**

**Wait a few seconds for the fog to come out the Fog Tube after opening the Solution Tap Valve.**



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To stop fog, turn the Solution Tap Valve handle to VENTILATION. Wait until fog stops completely.

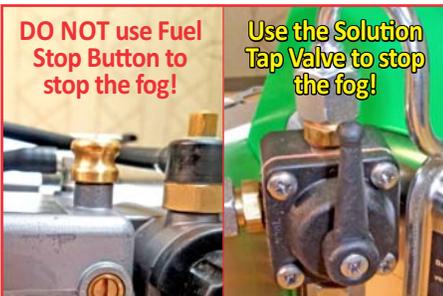


After VENTILATION, turn the Solution Tap Valve handle up to the CLOSED position.

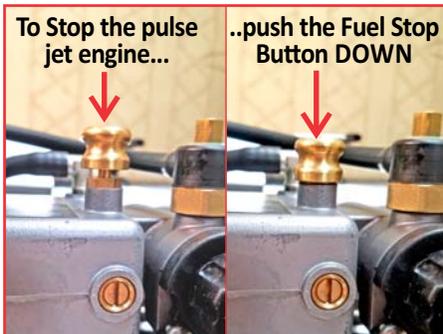
### MORE TIPS & DETAILS:

- > Allow the fogger to warm up for a few minutes before you start fogging. This can eliminate rough idles and stalling.
- > Start fogging by turning the Solution Tap Valve handle from CLOSED to OPEN. Wait a few seconds for the fog to start.
- > To stop the fog, turn the Solution Tap Valve handle from OPEN to VENTILATION. Hold until the fogs stops completely, then turn the handle to CLOSED position.
- > **DO NOT** shut the engine off while fogging. Follow the Solution Tap Valve steps for stopping the fog BEFORE you shut the engine off.

## Stopping, Flushing & Storing



**IMPORTANT: DO NOT** use the Fuel Stop Button to stop the fog! Use the Solution Tap Valve to properly shut off the fog.



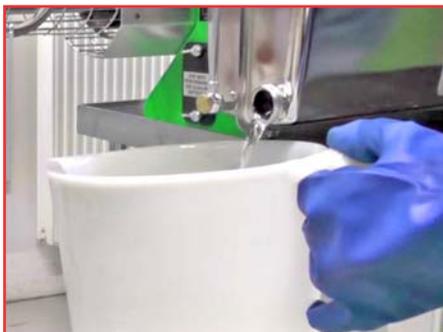
To stop the fogger, push the Fuel Stop Button DOWN which stops the gas to the engine.



With the Fuel Button OFF, hold the Starter Button ON and pump the Air Pump until the fogger stops popping.



Slowly open the Solution Tank cap to depressurize the tank. You should hear a hissing sound.



Before storing your fogger, be sure to drain and flush both Solution and Fuel tanks.

### MORE TIPS & DETAILS:

- > A common mistake is not following the proper shut down procedures. Always shut the fog off BEFORE you shut off the engine. It can be difficult to start the fogger if it has been shut down incorrectly.
- > With the engine shut off and the Fuel Button pushed down (off), push and hold the Starter Button and pump the Air Pump until the fogger stops popping. This flushes any fuel left in the combustion chamber and can make the fogger easier to start.
- > Fogging with water is a good method of flushing the system. Drain the tanks, allow to cool and store in the original shipping box. Keep the box to store the fogger.

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. If you have any questions or need more details contact Nixalite.



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