

Valued Customer,

Thank you for purchasing the Smokin' Okie Smoke Fluid Injector. I take a lot of pride being able to make these right here in the United States with American Made Tooling. I will personally guarantee your satisfaction with my product. If you are not satisfied with the Injector, by all means get in touch with me and we can resolve the issue. I make each injector by hand in my shop so there may be slight differences from part to part but they all do their job well. In the Paragraph below you will find some technical information you might find handy. These setup parameters are just a suggestion in what worked for me, you are welcome to modify set as you see fit for your individual model. Thank you again

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Kind Regards

Eric Kendall

Smokin' Okie

10-32 Smoke Fluid Injector

Things you will need:

#21 drill bit (.159 diameter)

10-32 Tap (in the test platform we used a roll form tap)

Center punch

High temp thread locker

First, locate a good position to install the injector. Typically you would want to point the spray bar towards the hottest part of the muffler for adequate vaporization of the atomized smoke oil. Once a location is selected center punch the location, this helps to prevent the drill bit from "walking" when you drill the hole. Now drill the hole through the single wall of the muffler, a little spray lubricant can help this process. Once the hole is drilled, tap the hole as straight as you can with a 10-32 tap. Now you can install the injector. First be sure the jam nut is screwed against the aluminum tubing adapter. This is just to make sure it is out of the way. Put a fair (but not too much so you don't block the injector orifice) of high temperature thread locker on the upper portion of the threads of the injector, now screw the injector in to the threaded hole to the desired adequate depth for your muffler. Notice on the barrel of the aluminum there is a scribed line, this is to aid during installation, use this line to set the direction of the fluid atomization. Point the red line in the direction of the hottest point of the muffler. Once this has been established, put a small dot of high temp thread locker on the threads right above the muffler surface and run the jam nut down against the muffler surface with a fair amount of pressure locking the injector in place. Once this is done you can now connect the smoke fluid line to the barbed end of the aluminum tubing adapter. I would suggest wrapping a small diameter piece of wire around the tubing and twisting it a couple times to keep the tubing from blowing off of the injector.

Note for 90deg injector

You notice that the spray head on each injector is "Clocked" to a certain side. This is done for left hand and right hand sides for twin cylinder applications. Same as the "Straight" injectors, you will want to point the spray to the hottest surface in the muffler (See Photo). This is done so that when installed, the tubing caps will have the same orientation.

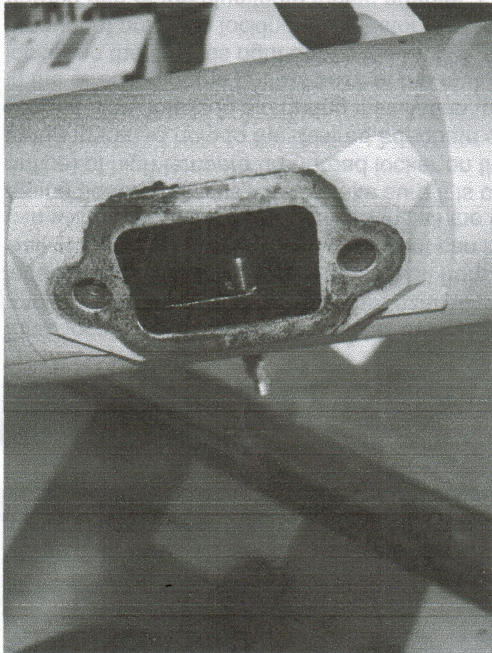
Pump And Set Up

Since there are a wide variety of pumps on the market and it is impossible for me to know what each individual person is running, I will give a brief set up info on what I have our test bed running at for optimal performance. These are merely suggestions to give a starting point and you can adjust your set up accordingly for your use.

Pump: Sullivan Skywriter

Pump Voltage: 12v DC

Pump set on switch to run at 33% capacity



10-33 Smoke Fluid injector

Waiver: OK19

(By purchasing this product you are waiving all legal responsibilities against Smokin' Okie, Eric Kendall, and any estate attached to this property. Smokin' Okie and Eric Kendall can not be sued for misuse or mis installation causing damage to property or injury to operator, spectators, bystanders or occupants of any personal or public property)

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Thank you again.

We just a suggestion in what worked for me, you are welcome to modify set as you see fit for your individual model. In the Feedback below you will find some technical information you might find handy. These setup parameters make each injector play hand in my shop so there may be slight differences from part to part but they all do their job. If you are not satisfied with the injector, by all means get in touch with me and we can resolve the issue. I have these units here in the United States with American made tooling. I will personally guarantee your satisfaction with my

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David, Operator