

## INSTALLATION INSTRUCTIONS - INS190

# UNIVERSAL VARI-TUNE MUFFLER

Part # 3101, 31015, 3102, 31025, 3103 and 31035



**Special Tools required:** Basic Tools.



**Install Time:** Approximately 1-2 hours.



**Difficulty:** Easy.



**MAINTENANCE**  
Periodically apply Anti-Seize to  
the adjuster screw.



**IMPORTANT!** Do not adjust the Vari-Tune Muffler while the muffler is hot. Allow the muffler to cool down to prevent the adjuster from seizing.

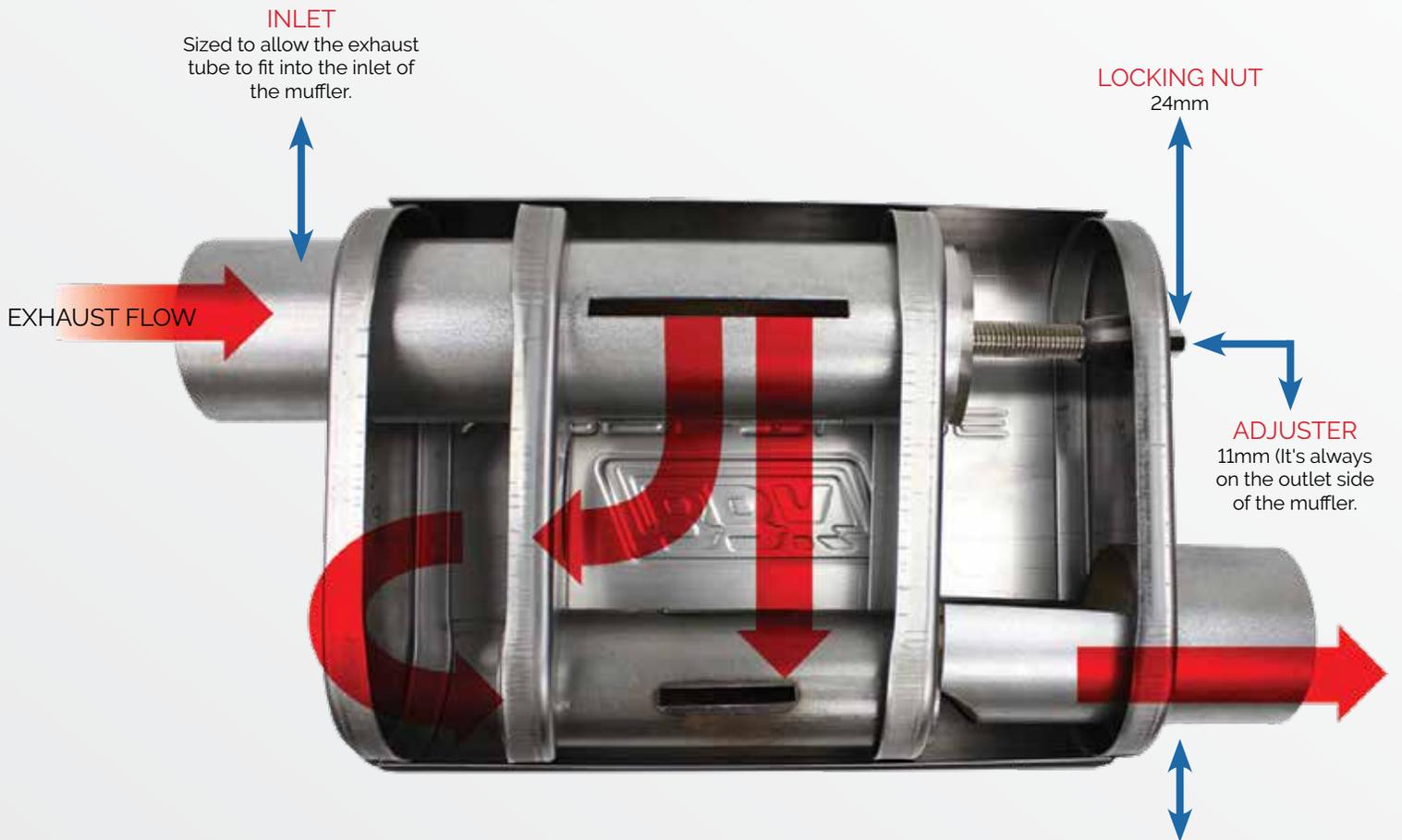
MADE IN U.S.A.

IMPORTANT: All appropriate safety equipment and gear must be used during the installation of this or any BBK Performance products or any time you work on a vehicle. BBK Performance accepts no responsibility for injuries or damage caused by or during the installation of this product.

UPDATED LAST: March 2019

FOLLOW THESE INSTRUCTIONS CAREFULLY TO ENSURE CORRECT FITMENT AND OPERATION

# CLOSED



## DESCRIPTION

Having the muffler adjusted all the way in "closed" will make the sound of the exhaust the quietest and depending on the vehicle can also change the performance characteristics.

## OUTLET

The exhaust tube or tip needs to be expanded to fit over the outlet tube of the muffler.

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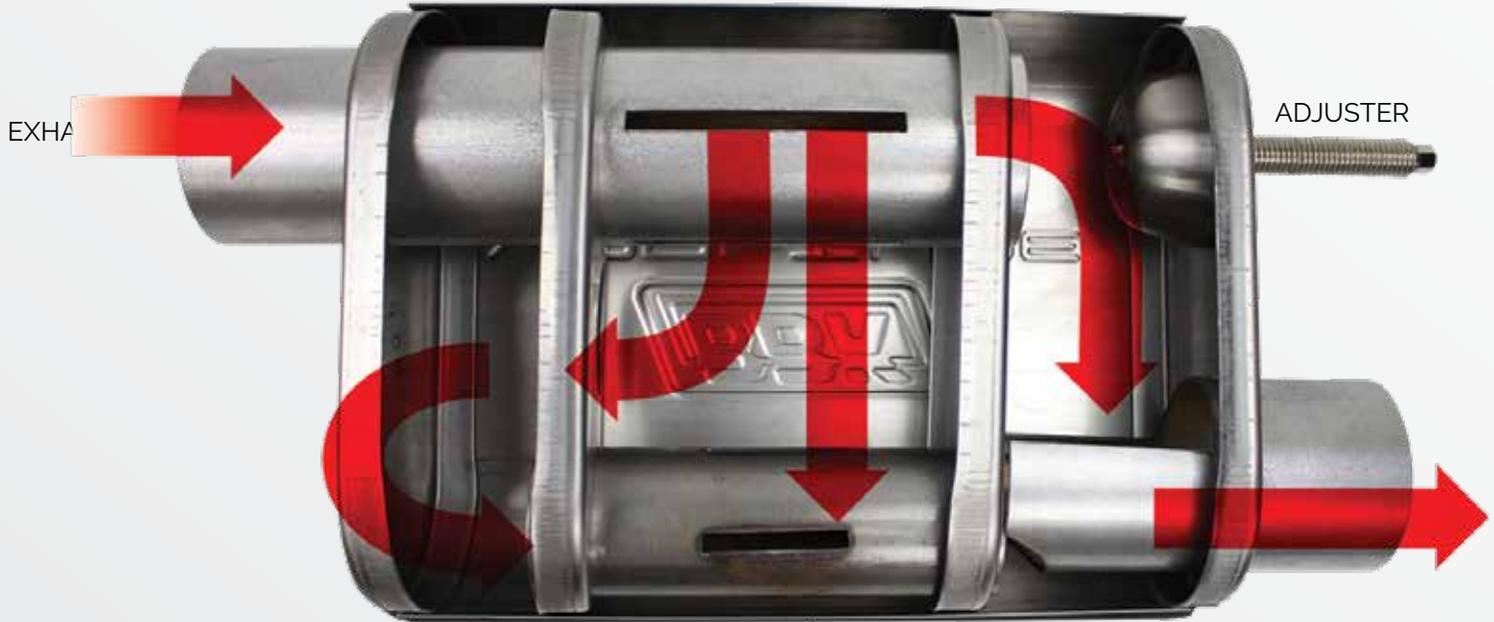
For any questions, email us:  
TECH@BBKPERFORMANCE.COM



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# OPEN

As you adjust the muffler open this allows the exhaust to bleed through and bypass the second baffle and go straight through the outlet tube. This increases the sound of the exhaust and depending on the vehicle will also change the performance characteristics



## ADJUSTING THE VARI-TUNE MUFFLER

- Step 1: Loosen the locking nut and turn the adjuster counter-clockwise to open up the adjustable bypass cone.
- Step 2: Once you have reached the desired setting tighten the locking nut by holding the adjuster in place with a 11mm wrench and tighten the locking nut with a 24mm wrench

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