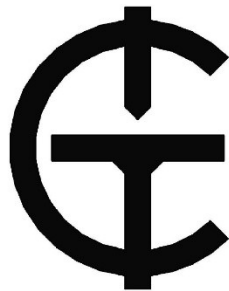

JL / ME Models

Owner's Manual



CULVER TECH LLC

Safety – STOP AND READ

CAUTION!!! Read this manual and all provided documentation completely before installing or using your suppressor.

- Firearms are dangerous. Failure to follow the manufacturer's instructions could result in damage to your firearm and/or serious personal injury or possibly death. Do not attempt to use your firearm and/or suppressor until you have the proper training to do so.
 - Prior to installing or removing the suppressor, always check the firearm's chamber to make certain that the firearm is unloaded and the magazine is removed. If there is any question or doubt, consult with the firearm's operator manual for the proper procedure for unloading your firearm. NEVER install your suppressor on a firearm with a closed action.
 - Our suppressors are designed for use with a maximum caliber. Never install on a firearm with a caliber larger than what is engraved on the suppressor body (i.e. 30 Cal can be used with bullets up to .308 in diameter maximum)
 - If the suppressor mount does not smoothly thread onto your firearm, stop the installation process and contact our customer service department. Failure to properly install your suppressor could result in serious injury, damage to the suppressor, the host firearm, the user, and/or a third party
 - The suppressor may become EXTREMELY HOT during and after use. Never grab a hot suppressor without proper protection, as it can result in severe burns and injury.
 - During operation, direct thread mounts may loosen. It is advisable to periodically check to ensure the mount is fully seated on the firearm. If the suppressor is hot, use the c-hook wrench that came with your suppressor to verify it is securely mounted.
 - After installing the suppressor and mount onto a firearm for the first time, the alignment of the suppressor with the bore should be verified with a caliber specific alignment rod. If the alignment is not correct, check that the threads and faces of all the suppressor, mount, and firearm are clean and fully seated. If proper alignment cannot be achieved, contact our customer service department. All suppressors and mounts produced by Culver Tech are verified for alignment on a test firearm as part of our inspection procedures.
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Welcome to the Culver Tech family

We want to thank you for purchasing our product and being a part of the Culver Tech family.

Our goal is to provide our customers with the best firearm suppressor on the market. Customer service is at the heart of everything that we do. Feel free to contact us at (502) 233 – 1446 or contact@culverttech.org with any questions or concerns you may have.

Overview

The Culver Tech LLC JL and ME model suppressors were developed to provide hunters and firearm enthusiasts with the optimum balance between sound suppression and pressure reduction in a compact, lightweight package. Using 3d printed titanium, we are able to provide a reliable product that will elevate your overall shooting experience.

Model Number	ME30	JL30	JL22
Caliber	30 Cal	30 Cal	223 Cal
Diameter	1.75	1.75	1.75
Length	8.9	6.9	6.9
Mount	HUB	HUB	HUB
Weight (oz)	11	8.6	8.7
# of baffles	14	11	11
Full Auto Rated	Yes	Yes	Yes
dB reduction up to	32	30	30

Testing Disclaimer: Sound reduction figures are based on controlled testing conditions using industry-standard equipment. Actual results may vary depending on host firearm, ammunition, barrel length, atmospheric conditions, and mounting configuration.

1. Adapter Installation

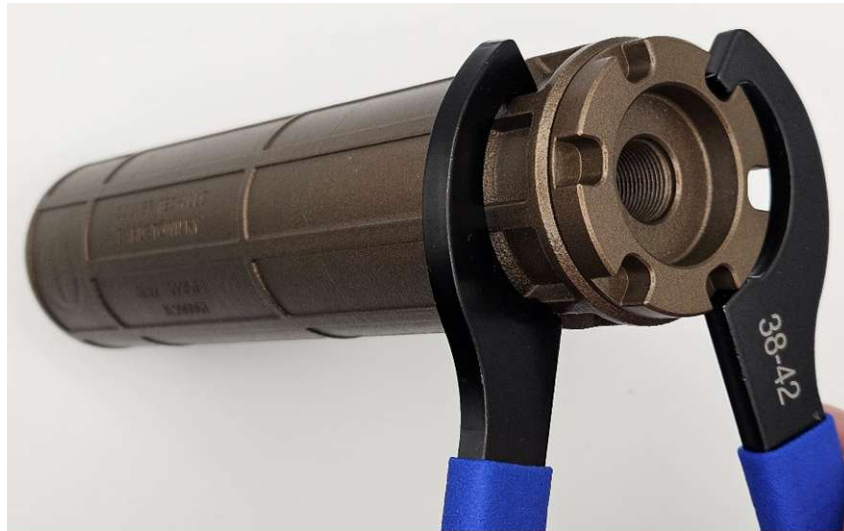
1. Choose your preferred HUB adapter (a direct mount is included with each suppressor). Our suppressors are designed to work with 1.375-24 threaded HUB adapters with face seating manufactured by others. **NOTE:** If you use an adapter made by a manufacturer other than Culver Tech, make absolutely certain that it tightens correctly and seats properly on the suppressor. Using another manufacturers adapter that doesn't seat correctly on the suppressor will void warranty.



2. Coat the threads of your adapter with a high temperature anti-seize. NOTE: If you experience loosening of the mount during operation, then the mount will need to be secured using a medium strength, high temperature threadlocker (i.e. Vibra-Tite 123 or Loctite 246).
3. Thread the adapter into the suppressor until it bottoms out on the rear face of the suppressor.



4. Use the two (2) C hook wrenches provided with the suppressor to catch the notches in the suppressor body and adapter such that the adapter is being turned clockwise and the suppressor counter-clockwise. Aligning the hooks such that there is an inch or two between the handles makes it easier to squeeze the handles to achieve adequate torque.



5. Verify that the adapter is snug with no gaps or rattling. If not correct, check threads for damage and debris. Clean both parts and repeat tightening. **NOTE:** Debris on the threads or mating faces may cause misalignment of the suppressor and allow for a baffle strike.

2. Adapter Removal

1. Use the two (2) C hook wrenches provided with the suppressor to catch the notches in the suppressor body and adapter such that the adapter is being turned counter-clockwise and the suppressor clockwise. Aligning the hooks such that there is an inch or two between the handles makes it easier to squeeze the handles. Be careful not to get pinched between the two wrenches when the adapter breaks loose. **NOTE:** You may need to heat the suppressor to loosen the adapter. If so, use protective gear to prevent burns.



2. Unthread the adapter and remove from the suppressor.
3. Clean the threads in the adapter and the suppressor.

3. Installation on Firearm

1. Insure that the threads on the firearm match the threads on the adapter mounted to the suppressor.
2. Insure the threads on the firearm are clean. Apply high temperature anti-seize to the threads on the firearm.
3. Thread the suppressor adapter directly onto the barrel of the firearm until fully seated. Take care not to cross thread or force the suppressor onto the threads of the barrel.
4. If the suppressor does not smoothly thread onto your firearm or seat correctly, stop installation and contact our customer service department for further instruction.
5. Tighten the suppressor against the shoulder of the barrel. Target torque is 25 ± 5 ft-lbs. DO NOT USE on barrels that don't have a proper shoulder that is aligned and square with the bore.
6. Visually inspect that the suppressor is in proper alignment with the bore and is not canted. It is recommended that the bore alignment be checked with a caliber specific alignment rod. If the suppressor is not aligned correctly, stop installation and contact our customer service department for further instruction. Use of an improperly mounted suppressor can cause damage and possible injury.



7. We recommend checking tightness often. All direct thread suppressors will loosen with use. A loose suppressor will cause a point of impact shift and may lead to a baffle strike. Hand tightening is recommended, but the supplied c hook wrench can be used if extra tightness is desired. The c hook wrench can be used to tighten a hot suppressor to protect from burns. NOTE: Over-tightening with any tools other than the supplied wrench may cause damage to the firearm, suppressor, or both.

4. Removal from Firearm

1. Use the c hook wrench on the notches in the adapter to loosen the suppressor counterclockwise until it is loosened on the barrel.
2. Unthread the suppressor and remove from the barrel.
3. Clean the threads on the barrel and the suppressor.

5. Cleaning

It is recommended the suppressor be cleaned every 500 rounds. To clean, remove the adapter from the suppressor. Place both the suppressor and the adapter in cleaning solution (i.e. Simple Green, SchleTek Evolution, or Breakthrough Suppressor Cleaner) with the threaded end of the suppressor facing UP. Having the threaded end of the suppressor facing UP allows the cleaning solution to fully fill the internal cavities without any air being trapped. Follow the recommended cleaning instructions of the cleaning solution. Use of an ultrasonic cleaner is acceptable, but care must be taken to ensure that there is no air trapped on the inside of the suppressor.

6. Lawful Use and Possession

Your new suppressor is an NFA firearm and is not legal to own or possess in certain jurisdictions. Culver Tech LLC does not offer any express or implied promises or affirmations concerning the use, possession, or ownership of your suppressor. If you have any questions concerning the ownership, possession, or use of your suppressor, contact the chief local law enforcement officer in the jurisdiction in which you reside or your local BATF office for further information concerning the ownership, use, and possession of NFA controlled firearm.

HELPFUL OWNERSHIP INFORMATION

ALWAYS MAINTAIN A COPY OF THE APPLICABLE BATF DOCUMENTS TO YOUR SUPPRESSOR WITH THE SUPPRESSOR ITSELF WHENEVER TRANSPORTING OR USING YOUR SUPPRESSOR. FAILURE TO DO SO COULD RESULT IN CONFUSION, PROSECUTION, OR CONFISCATION OF YOUR NFA CONTROLLED FIREARM.

Warranty

We provide a lifetime warranty against all manufacturing defects and damages caused by the normal use of this product. The manufacturer will repair or replace free of charge any suppressor manufactured by Culver Tech LLC. The product is sold “as is” with no further implied contractual rights or warranties beyond those expressly stated herein.

The warranty does not apply to certain conditions or acts. It is at the sole discretion and determination of Culver Tech LLC if a particular defect or condition is covered by this warranty. Conditions not covered include, but are not limited to: modifications, abuse, neglect, use of defective ammunition, use of improperly sized ammunition, and criminal conduct. Culver Tech LLC assumes no liability for damages or bodily injury caused by such acts or omissions as previously described. Abuse and neglect are defined as usage outside of the reasonable scope for which the product is intended, thus contributing to the accelerated and unreasonable premature wear of the suppressor itself.

If a repair is indicated, contact our Customer Service Department at (502) 233 – 1446. A Culver Tech LLC representative will make arrangements for return of the suppressor at manufacturer’s shipping expense. **DO NOT SHIP THE SUPPRESSOR FOR REPAIR WITHOUT FIRST CONTACTING CUSTOMER SERVICE AND DO NOT SHIP IN ANY EVENT WITHOUT A COPY OF THE APPROVED BATF FORM.** When you ship the suppressor back to the manufacturer, please include a detailed statement concerning the type of defect or malfunction encountered and describe the ammunition used and type of host firearm the product was used on or attached.

If for any reason your suppressor is not eligible for repair or replacement, you may purchase a replacement suppressor for 40% off the MSRP for a same or similar suppressor. Please contact our Customer Service Department for further details and requirements.

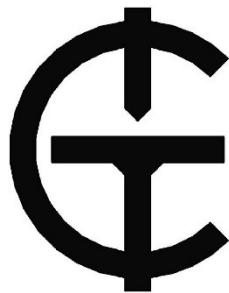
Disclaimer

The manufacturer is not responsible for damages or injuries due to the misuse or unintended use of its products. This product is potentially dangerous and, as such, adequate safety precautions must be taken in order to avoid damage to your firearm, damage to third parties, bodily injury or death. Please consult our website for further details at: www.culvertchllc.com or call (502) 233 – 1446.



Quiet the noise

Amplify the adventure



CULVER TECH LLC