



The *Muffle Tone* Noise-Cancelling Muffler from GTGRAVELYPARTS is specially designed to reduce the harsh noises generated by the exhaust system of the “T-head” engine used on L-series Gravely® tractors. Acoustical analysis has shown that the unique baffling inside our *Muffle Tone* Noise-Cancelling Muffler reduces the overall volume level of the exhaust system of the Gravelly T-head engine by 3 to 5 decibels, and effectively smooths out the strident pitches generated by the old-style “pepper pot” muffler that are so hard on the human ear, without creating additional back pressure on the engine itself. The *Muffle Tone* also directs the sound and exhaust gasses *away* from the operator, resulting in a more pleasant operating experience. Installation of the *Muffle Tone* is simple, and requires no drilling on most tractors.

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## - INSTALLATION INSTRUCTIONS -

### MATERIALS SUPPLIED:

- (1) *Muffle Tone* Noise-Cancelling Muffler
- (1) 1-3/8" Clamp Assembly with Hex Nuts
- (1) 5/16" Hex Nut
- (1) 1-1/8" Muffler Clamp Assembly with Hex Nuts

### INSTALLATION INSTRUCTIONS:

1. Remove the old muffler, leaving the Pipe Nipple screwed into the Exhaust Manifold. ***PLEASE NOTE: We do not recommend attempting to unscrew a rusted muffler off of the pipe nipple, due to the possibility of breaking the exhaust manifold or the cylinder where it attaches.*** We suggest cutting the old muffler off using a hacksaw or reciprocating saw, taking care not to cut the pipe nipple. Check to assure that Exhaust Manifold is securely fastened to cylinder. Correct, as necessary.
2. Remove 1-3/8" Muffler Clamp from its packaging, and loosely assemble it by sliding the cross bar over the U-bolt and fastening the hex nuts onto it. Slide Muffler Clamp over Inlet (short) Tube on Muffler. Do not tighten.
3. Slide the INLET side of the *Muffle Tone* Noise-Cancelling Muffler, located on the side near one end, over the Pipe Nipple that is screwed into the Exhaust Manifold. Make a note as to where the Support Strut (bracket) that is welded to the opposite end of the Muffler is located as it relates to the handlebar.
4. Remove hex nuts on 1-1/8" Handlebar Clamp and separate cross piece from the u-bolt. Place 1-1/8" u-bolt so that it straddles the handlebar near the welded Support Strut on the Muffler with the open end facing outward. Slip the cross piece back onto u-bolt, then thread the hex nuts supplied with the Clamp onto u-bolt and finger tighten.
5. Raise the output end of the Muffler so that the Support Strut, which is welded to the side of the Muffler, is near the 1-1/8" Handle Bar Clamp installed in Step 4. Adjust the 1-1/8" Handlebar Clamp, as needed, to provide best alignment between the eyelet on the Muffler Support Strut and one of the threaded legs of the u-bolt.

6. Insert the threaded leg of the 1-1/8" u-bolt selected in Step 5 through the eyelet on the Muffler Support Strut, adjusting each until everything is in alignment. Place the 5/16" Hex Nut, provided, onto the leg of the u-bolt, then finger-tighten the assembly.
7. Check the alignment of the Muffler, making sure that the Inlet is seated against the Exhaust Manifold at the end of the Pipe Nipple. Finger-tighten the Hex Nuts provided onto the 1-3/8" Muffler Clamp.
8. Check alignment of the Muffler Support Strut and the 1-1/8" Handlebar Clamp, making sure that all parts line up properly without interfering with the operation of the Forward/Reverse Control Rod or the right tire.
9. Once alignment of the Muffler has been verified, center the 1-3/8" Muffler Clamp U-bolt over the slots on the neck of the Inlet and tighten the Hex Nuts down firmly. ***PLEASE NOTE: We recommend that the hex nuts be tightened incrementally, so as not to overtighten one side of the U-bolt, and that they not be tightened so much that the Pipe Nipple is crushed.***
10. Tighten the 5/16" Hex Nuts that hold the cross piece of the 1-1/8" Handlebar Clamp against the handlebar. Then tighten the 5/16" Hex Nut that secures the Muffler Support Strut, taking care that the final assembly does not interfere with the operation of the Forward/Reverse Control Rod. ***PLEASE NOTE: This mounting method is designed for L-series tractors having standard 4.80 x 8 AG-type tires, and will accommodate tires up to 16 x 6.50 x 8 turf-type tires. Tractors with larger tires may require customized bracketing.***
11. Verify that muffler is positioned correctly and all hex nuts are tightly fastened.
12. Tractor is now ready to be operated. ***NOTE:*** Some smoke emanating from the surface of your new ***Muffle Tone*** Noise-Cancelling Muffler may be visible during the first few minutes of operation.

***THAT'S ALL IT TAKES! NOW YOU'RE READY TO GO OUT AND ENJOY A QUIETER GRAVELY!***

***THANK YOU FOR PURCHASING YOUR NEW***

***Muffle Tone***



***NOISE-CANCELLING MUFFLER***

***AVAILABLE EXCLUSIVELY FROM -***



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