



# 30104

## Turbine Direct Fit Performance Muffler - AGGRESSIVE SOUND

2019-2021 (5th Generation) RAM 1500 5.7L Hemi Engine

### Installation Instructions



#### Required Tools

- Sawzall
- Tape Measure
- Impact Gun/Socket Wrench
- 13MM Socket
- 14MM Socket
- 16MM Socket
- Steel File (for burrs)
- Prying Tool
- Lubricant
- Impact Gun W/Swivel Joint
- Safety Glasses
- Protective Gloves

#### Included Hardware

- (1) Direct Fit Muffler Assembly
- (1) 3.00" Band Clamp
- 3/8-16" x 1-1/2" Bolt (x2)
- 3/8" Flat Washer (x2)
- 3/8-16" Thread Hex Nut (x2)

#### Instructions (Read Thoroughly Prior to Starting Installation; AERO Recommends Professional Installation on all Products)

1. Begin by applying lubricant on all factory hardware components such as the bolts, clamps, and hanger mounts.
2. The next step will require you to loosen the two factory bolts located on the OEM flange using a 16MM socket. Do not remove the bolts, simply loosen them and retain all factory components intact, including the steel gasket in-between the two flanges. The factory gasket will be needed again.
3. Disconnect the ground wire clip from the muffler assembly. It will be reconnected onto the AERO kit.
4. Using a tape measure and a black sharpie (marker), you will need to measure 1.0" behind the factory muffler and mark your cutting line.
5. Using a Sawzall and while wearing your safety glasses, you'll need to cut clean across the marked line you pre-designated in the prior step.
6. The next step will require an elevated muffler stand or another individual in order to support the factory muffler during the removal process. Using a prying tool or exhaust hanger removal tool, you will need to slide each factory exhaust hanger off of the corresponding rubber hanger mount. Applying lubricant around each hanger mount connection will help with the ease of the removal process. In total there are three hanger locations.
7. Take the AERO muffler assembly and slide the supplied 3.0" band clamp over the rear section pipe. Using a metal file, file off the metal burrs from the OEM tailpipe, this will enable smooth insertion of the AERO muffler assembly.
8. Proceed and connect the AERO muffler assembly onto the factory tailpipe. The OEM tailpipe must slide into the AERO muffler assembly a minimum of one (1) inch. The notch on the AERO kit will work as a guide. Do not tighten the clamp, this will allow some flexibility for small adjustments.
9. Using the supplied hardware (bolts, nuts, and washers) and a 13MM socket, proceed to connect the OEM flange with the AERO muffler assembly flange. Do not overtighten, a snug connection will enable room for fitment adjustments. Remember to reconnect the ground wire and insert the OEM metal gasket between the two flanges.
10. Once you've properly aligned your unit and have made all final adjustments you can set your impact gun to 65-70 ft. lb. of torque and proceed to tighten down both the flange bolts and the band clamp connecting the factory tailpipe. The supplied band clamp will require a 14MM socket and the supplied bolts will require a 13MM socket.
11. Inspect the installation for any exhaust leaks after driving the vehicle 25-50 miles.



#### Safety is ALWAYS the Priority

- Ensure that the engine and exhaust system have completely cooled off prior to working on the vehicle.
- Check that the vehicle is in a stable position and secured properly.
- Mechanics gloves are highly recommended for ease of factory exhaust removal and additional protection.
- Wearing eye protection is highly recommended. Either safety goggles and/or a face shield.
- If you intend on welding, a welder's helmet and heat resistant welding gloves are highly recommended! This will provide additional face, neck, eye, and hand protection.

#### Thank You for Choosing AERO Exhaust

Thank you for choosing AERO Exhaust! Our mission is to deliver high-quality performance exhaust products to performance enthusiasts all over the world. Whether it's for a daily driver, race application, or recreational vehicle, our goal is to maximize horsepower and torque gains while producing a rich performance tone.

Most importantly, we're committed to delivering the ultimate customer experience on all levels! Premium quality, a positive user experience, and products fully backed by a lifetime limited warranty, our customers come first!