

Please take time to read and understand these installation instructions.

CORSA recommends that installation of this system be performed by a qualified service center or professional muffler installer who has the necessary equipment, tools and experienced personnel. However, if you decide to perform this install, the use of a hoist and an additional person will be required.

**CAUTION:** Never work on a hot exhaust system. Allow time for the vehicle to cool. Always wear eye protection when working under a vehicle.

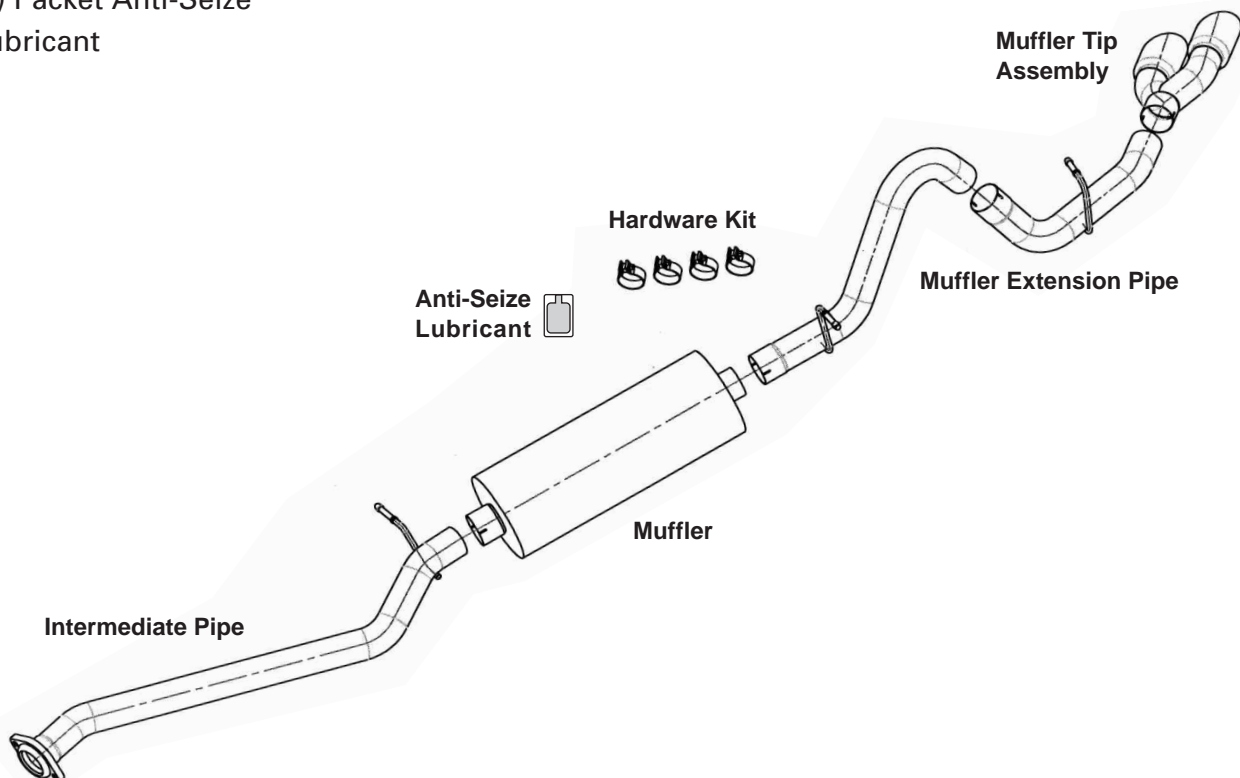
Please confirm that all parts are present before beginning the factory exhaust system removal and CORSA exhaust system installation.

## Bill of Materials:

- Muffler
- Intermediate Pipe
- Muffler Extension Pipe
- Muffler Tip Assembly
- Hardware Kit
- (1) Packet Anti-Seize Lubricant

## Recommended Tools:

- Safety Glasses
- Torque Wrench
- Soapy Water
- 15mm Wrench or Deep Socket



All TORCA clamps should be tightened using a properly calibrated Torque Wrench. Using an air impact gun will damage the clamp and reduce its ability to effectively seal the joint. It may also cause the joint to separate thereby causing damage to your exhaust system and your vehicle.

**C A U T I O N**

Prior to installation, be sure your vehicle is parked on a level surface, and the exhaust system is cool. For safety purposes and ease of installation, we urge you to take your vehicle to a qualified service center or muffler installer that employs the use of a lift.

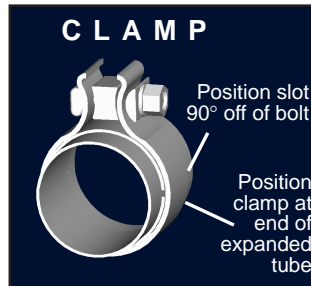
**INSTALLATION NOTE:** Be sure to apply the anti-seize lubricant that has been provided to all bolts, fasteners and clamps. A pouch with anti-seize lubricant is included with the hardware kit. Apply the supplied anti-seize lubricant to the threads **ONLY** of all TORCA band clamps. Failure to follow this procedure can cause the nuts to seize on clamps and potentially damage threads.

**WARNING:** Be sure to thoroughly clean hands after use. Anti-seize lubricant will tarnish stainless steel parts.

In order to remove factory system from vehicle, the pipe between the catalytic converter and muffler must be cut.

NOTE: Recheck your measurement and be sure to support muffler to prevent injury.

- 1) Unbolt intermediate-to-header pipe flange using 15mm socket (See Fig. A) and remove both bolts. Be sure to support muffler to prevent injury. Use lubricant to loosen bolts if necessary. Keep bolts as they will be needed for the final installation.
- 2) Next, remove hanger from rubber insulator located just in front of the muffler (near muffler inlet) (See Fig. B). It may be easier to first remove rubber insulator from frame hanger. Be sure to keep the rubber insulator.  
**Note: Using a soapy solution on the grommet hole will make the job easier.**
- 3) Remove Muffler Extension Pipe and Tailpipe hangers from rubber insulators (See Fig. C). Be sure to keep the rubber insulators. Now entire system can be removed in one piece.
- 4) Locate Intermediate Pipe (See Fig. D) and position flange to header pipe flange.



NOTE: IMPORTANT-Make sure that the small drain or weep hole in muffler faces down when muffler is installed.

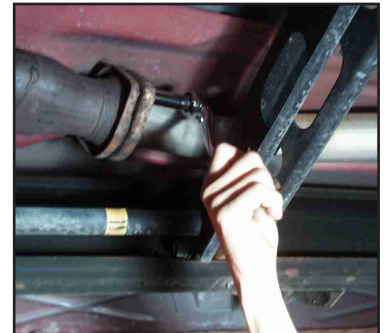


FIG. A



FIG. B

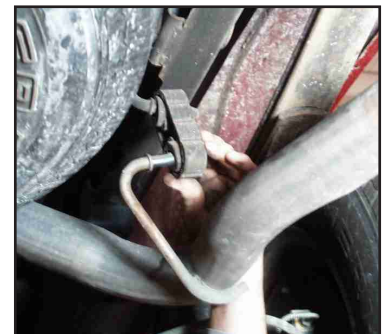
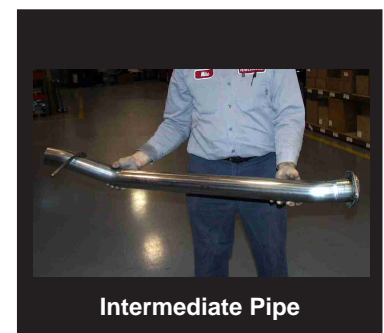


FIG. C



Intermediate Pipe

FIG. D

- 4) Continued:  
Insert bolts and hand tighten only (**See Fig. E**).  
Insert Intermediate Pipe hanger into rubber insulator (**See Fig. F**).
- 5) Next slide a clamp over Intermediate Pipe and slide slotted end of muffler onto Intermediate Pipe (**See Fig. G**) and snug-fit the clamp. Do not tighten clamp at this time.
- 6) Locate the Muffler Extension Pipe (**See Fig. H**) and slide a clamp over end closest to the pipe hanger (expanded end of pipe). Next, position the other end over the axle. Slide expanded end over Muffler outlet (**See Fig. I**). Now snug-fit the clamp but do not tighten clamp at this time.
- 7) Insert Muffler Extension Pipe hanger into rubber insulator (**See Fig. J**). **NOTE: It may be easier to insert hanger into rubber insulator before sliding pipe over Muffler outlet.**
- 8) Locate Tailpipe Extension (**See Fig. K**) and slide hanger into rubber insulator (**See Fig. L**). Slide clamp over Muffler Extension Pipe outlet and slide Tailpipe into Extension Pipe. Snug-fit the clamp. Do not tighten clamp at this time.



FIG. E



FIG. F

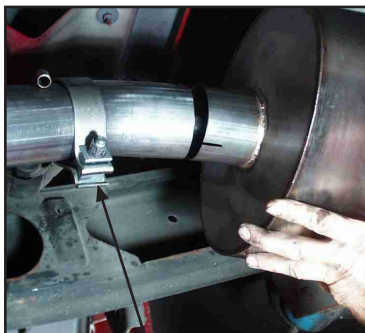


FIG. G CLAMP



FIG. H



FIG. I



FIG. J



FIG. K



FIG. L

- 9) Starting with the Intermediate-to-Header, tighten flange bolts, then all clamps as described in **Fig. P**.

**IMPORTANT NOTE: When tightening flange bolts, alternately tighten each bolt so the spacing is even all the way around the flange connection. Uneven tightening may result in an exhaust leak.**

- 10) Locate Exhaust Tip Assembly and slide a clamp over inlet side. Slide over Tailpipe Extension. Snug-fit the clamp. Do not tighten clamp at this time (**See Fig M**). The clamp bolt/nut position should be facing up (**See Fig N**).
- 11) Check alignment of tips first using a level (**See Fig. O**) and be sure to allow a one-inch gap between the top of the Tip Assembly and the body panel. Make necessary adjustments, including fore and aft, and tighten clamp. **Torque Setting: 45 ft.-lbs.**
- 12) It is **STRONGLY SUGGESTED** that all clamps be checked and tightened if necessary after road testing the vehicle and after system has cooled.



FIG. M



FIG. N



FIG. O

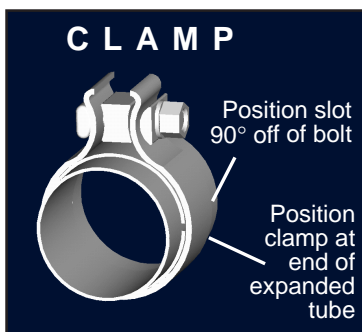


FIG. P

**NOTE:** During cold weather start-ups, you may experience an exhaust sound that is deeper and louder in tone than usual. This is temporary and will diminish to normal levels once your engine has reached its normal operating temperature.

**NOTE:** Immediately following the installation of your CORSA exhaust system, you may experience a trace of smoke after initial start-up. DO NOT be alarmed. The smoke is caused by the burning of a small amount of forming oil residue used in the manufacturing process.