

TOOLS NEEDED: Safety Glasses, 15 mm Wrench or Deep Socket, Silicone Spray or WD40, Saw or Chain-Style Pipe Cutter, Torque Wrench and Gloves

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.



FIG. A



FIG. B

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.

System Removal:

- 1) In order to remove the stock exhaust system, locate the Intermediate Y-Pipe and mark each pipe at a point 2" from the muffler (**See Fig. A**).
NOTE: Recheck your measurement. For safety, be sure to support Muffler to prevent injury. Cut each pipe using a saw or chain-style pipe cutter (**See Fig. A**).
- 2) Using a 15mm socket, unbolt the Y-Pipe Flange nuts (**See Fig B**) and clamp (**See Fig C**). Be sure to save the flange bolt nuts as they will be required for installing your new exhaust system.
NOTE: Use lubricant on all hangers and rubber insulators to facilitate removal.
- 3) Remove Intermediate Y-Pipe rubber insulator (in front of muffler) from frame hanger (**See Fig D**). Remove Rear Muffler and Tail Pipe rubber insulators from frame hangers (**See Fig E & F**) and be sure to keep all rubber insulators as they will be needed for installing your new exhaust system.
- 4) The one-piece Muffler and Tail Pipe can now be removed from vehicle as one unit (**See Fig G**).
- 5) Remove the two front pipes that were cut in step 1 (**See Fig H**).



FIG. C

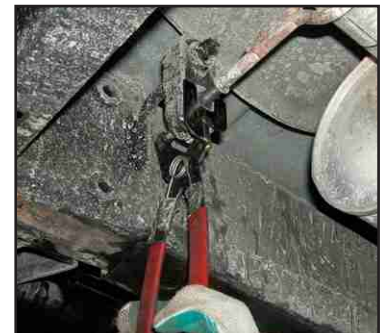


FIG. D



FIG. E

System Installation:

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.

- 1) Locate the Intermediate Y-Pipe and slide a 2-1/2" TORCA clamp on the straight pipe (See Fig I). Line up Y-Pipe and position flange and straight pipe. Slide each over corresponding header outlets (See Fig J).
- 2) Insert Y-Pipe hanger in rubber Insulator (See Fig K).
- 3) **IMPORTANT:** Using a 15mm socket, tighten Y-Pipe Flange nuts alternately to insure proper seating to avoid potential exhaust leaks (See Fig L). Be sure the space between each flange is even and uniformed around the circumference of the flanges. Tighten clamp on straight pipe.
- 4) Slide a 3-inch TORCA clamp over Muffler inlet (See Fig M) and slide Muffler inlet over Y-Pipe outlet (See Fig N). Do not tighten clamp at this time.



FIG. F



FIG. G



FIG. H



FIG. I

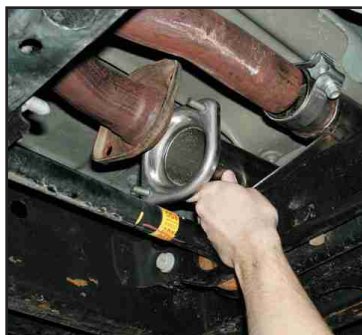


FIG. J



FIG. K



FIG. L



FIG. M



FIG. N

- 5) Locate the Tail Pipe and slide a 3-inch TORCA clamp over inlet end (**See Fig O**). From the rear of the vehicle, slip the Tail Pipe over the axle housing (**See Fig P & Q**) and over Muffler outlet (**See Fig R**). Do not tighten clamp at this time. Slide Rear Muffler and Tail Pipe hangers into rubber insulators (**See Fig S & T**).

NOTE: For CORSA Off-Road exhaust systems, please refer to the Off-Road Tail Pipe illustration on page 5. This system, with its turned-down outlet, does not include a finished tip (**See Fig AA on p.4**).

- 6) Now tighten front and rear Muffler TORCA clamps. While tightening clamps, be sure that rear Muffler rubber insulator is centered between the frame hanger stops (**See Fig U**).
- 7) Next, slide a 3-inch TORCA clamp over the end of the exhaust tip [either the Dual Pro-Series 3.5 (**See Fig V**) or Wide Mouth (**See Fig W**) tip] and position over Tail Pipe. Check for clearance between bumper and top of tip housing, level and make necessary angle and fore and aft adjusts. Rotate clamp so bolt and nut are on top, then tighten clamp.

Clamp Torque setting: 45 ft.-lbs.



FIG. O

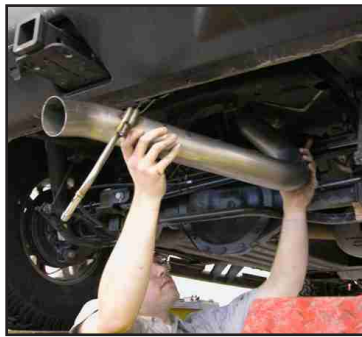


FIG. P



FIG. Q



FIG. R



FIG. S



FIG. T



FIG. U

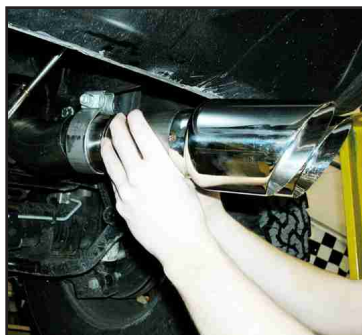


FIG. V



FIG. W

NOTE: If the tip of the Tail Pipe outlet is slightly out-of-round, use appropriate tool such as a C clamp or Bar clamp (**See Fig X**) to compress the outlet in order to slide the tip on.

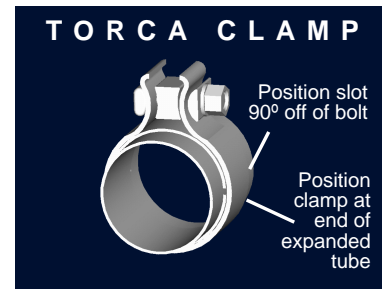
8) It is **MANDATORY** that all clamps be checked and tightened if necessary after road testing the vehicle and after system has cooled.



FIG. X



FIG. AA



NOTE: CORSA Performance offers an optional angle-cut clamp-on tip for off-road use to temporarily replace CORSA exhaust systems featuring either Dual 4" Pro-Series or Hydroformed Wide Mouth tips.

Installation is quick and easy. All it takes is loosening and removing the Pro-Series or Hydroformed tip clamp and sliding the Off-Road tip over the Tail Pipe. Use the original clamp to hold the temporary tip in place.

The Off Road tip part number is 23HT3002 and can be ordered through your HUMMER dealer or CORSA direct (See Figs. Y & Z).



FIG. Y



FIG. Z



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

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.

H2 Exhaust System

Pro-Series 4.0
Exhaust Tip Assembly

