

Chevrolet Silverado (4.8 / 5.3L) 1999 & newer
GMC Sierra (4.8 / 5.3L) 1999 & newer
Dual Rear Exit Exhaust System Installation

TOOLS NEEDED: Safety Glasses, 15 mm Wrench or Deep Socket, 1/2-inch Socket, Torque Wrench, Silicone Spray or WD40

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.

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.

Exhaust System Removal:

- 1) Unbolt intermediate-to-header pipe flange using 15mm deep 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: Use lubricant on all hangers and rubber insulators to facilitate removal.
- 3) Remove Muffler Extension Pipe and tail pipe hangers from rubber insulators (See Fig. C). Be sure to keep the rubber insulators. Now entire system can be removed in one piece.

NOTE: Be sure to support muffler to prevent injury.

Exhaust System Installation:

- 1) Locate Intermediate Pipe (See Fig. D) and position flange to header pipe flange. Insert bolts and hand tighten only (See Fig. E). Insert Intermediate Pipe hanger into rubber insulator (See Fig. F).



FIG. A



FIG. B



FIG. C

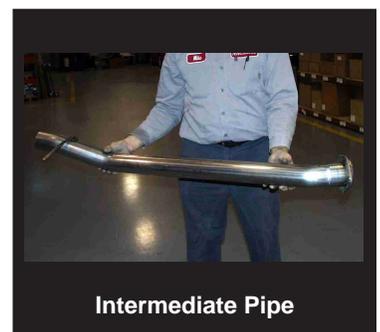


FIG. D



FIG. E

- 2) Next slide a 3-inch TORCA clamp over the Muffler inlet and slide slotted end of muffler onto Intermediate Pipe (**See Fig. G**) and snug-fit the clamp. Make sure Muffler weld seam is facing up (drain hole down). Do not tighten clamp at this time.
NOTE: Be sure to support muffler to prevent injury.

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- 3) Locate Y-Pipe (**See Fig. H**) and insert Y-Pipe hanger into rubber insulator (**See Fig. I**).
- 4) Position a 3-inch TORCA clamp over expanded end of Y-Pipe and slide expanded end over Muffler outlet (**See Fig. J**). Snug fit the clamp, Do not tighten at this time.
- 5) Locate Rear tail pipe hangers ["U" shaped Wire Loop & Plate] and hardware [threaded Mounting Plate, bolts and lock washers] (**See Fig. K**). Starting on either side of the vehicle, position one of the threaded rectangular-shaped mounting plates on top of the frame rail over the hole located furthest forward from the rear of the frame (**See Fig. L & M passenger side shown**).
- 6) Insert the supplied 5/16"-18 bolt through one of the tail pipe Wire Loop & Plate hangers and thread it into the threaded Mounting Plate on top of the frame.
NOTE: Position DRIVERS SIDE hanger so that it faces towards the spare tire (**See Fig. N**) and the PASSENGER SIDE hanger so it faces out toward the passenger side of the vehicle (**See Fig. O**).

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.



FIG. F



FIG. G



FIG. H



FIG. I



FIG. J



FIG. K



FIG. L



FIG. M



FIG. N

- 7) Locate DRIVERS SIDE Over-Axle Pipe (See Fig. P). Position pipe over the axle housing (See Fig. Q). Slide a 2-1/2-inch TORCA clamp over the expanded end of pipe and install pipe over the lower pipe on the muffler Y-Pipe (See Fig. R). Snug fit the clamp but do not tighten at this time.
 - 8) Locate DRIVERS SIDE tail pipe (See Fig. S) [shorter of the two tail pipes] and slide a 2-1/2-inch TORCA clamp over expanded end of pipe. Install tail pipe onto Over-Axle Pipe (See Fig. T). Insert tail pipe hanger into provided rubber insulator (See Fig. U). Snug fit clamp, do not tighten at this time.
 - 9) Locate PASSENGER SIDE Over-Axle Pipe (See Fig. V) and slide a 2-1/2-inch TORCA clamp over expanded end of pipe. Position pipe over the axle housing and slide expanded end onto the upper pipe on the muffler Y-Pipe (See Fig. W). Snug fit the clamp, but do not tighten at this time.
 - 10) Locate PASSENGER SIDE tail pipe (See Fig. X) and slide a 2-1/2-inch TORCA clamp over the expanded end of the pipe. Install tail pipe onto the Over-Axle Pipe (See Fig. Y). Insert tail pipe hanger into provided rubber insulator (See Fig. Z). Snug fit clamp, but do not tighten at this time.
 - 11) Locate exhaust tip assemblies and slide a clamp over expanded end of tip assembly. With the bolt and nut facing up, snug fit the clamps on each tail pipe, do not tighten at this time (See Fig. AA).
 - 12) Check alignment of tail pipes and Tips. Make sure that there is at least 1" clearance between the tips and the bottom of the bumper (See Fig. BB). Align tail pipes if necessary by making adjustments at the slip joints.
- NOTE: For dual Pro-Series 3.5 or Wide Mouth tips, use a level for final alignment (See Fig. CC).
- 13) Starting with the Intermediate-to-Header Pipe, tighten the flange bolts, then tighten all TORCA clamps checking to make sure clamps are positioned and tightened as shown (See Fig. DD). **Clamp Torque Setting: 45 ft.-lbs.**
 - 14) It is MANDATORY that all clamps be checked and tightened if necessary after road testing the vehicle and after the system has cooled.



FIG. O



FIG. P



FIG. Q



FIG. R



FIG. S

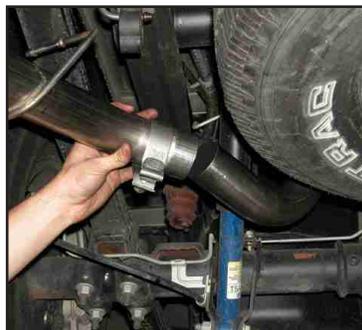


FIG. T

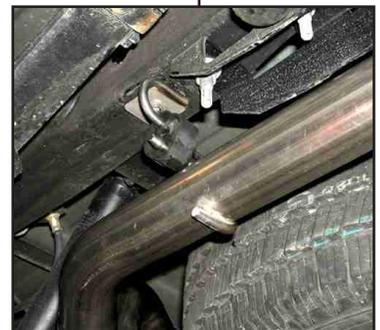


FIG. U



FIG. V



FIG. W



FIG. X



FIG. Y



FIG. Z



FIG. AA



FIG. BB



FIG. CC

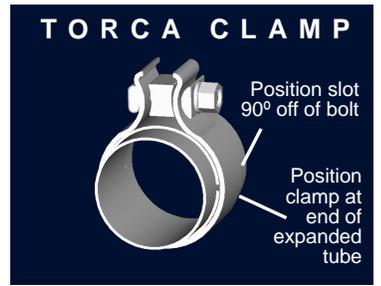
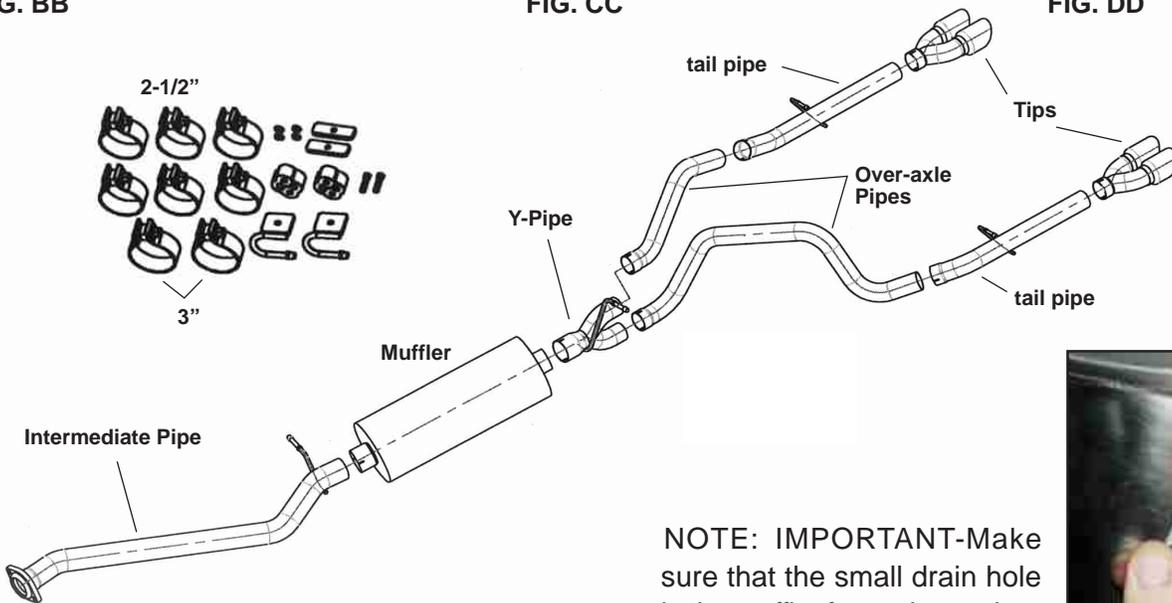


FIG. DD



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

