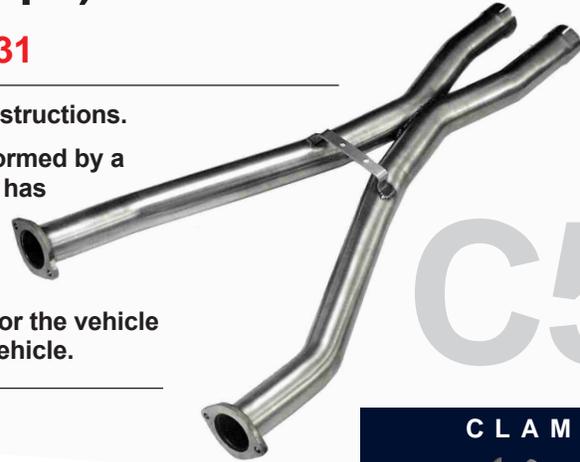


1997-2004 (including Z06) PN 14131

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.



C5

TOOLS REQUIRED:

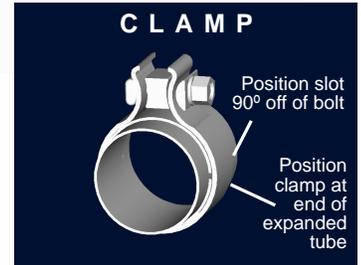
Chain Cutter
9/16" socket
9/16" wrench
15mm socket
13mm socket
5/16" allen wrench
Black marking pen
Ruler (straight-edge)
Socket wrench (3/8" drive)
Socket wrench extension
Hammer (rubber mallet)
Paper towels or rags
Sandpaper or file
Torque wrench
Tape measure

SYSTEM CONTENTS:

(1) Crossover Pipe™ assembly
(2) Band clamps
(2) Flange gaskets
(4) 3/8" - 16 x 1-1/4" stainless bolts
(4) 3/8" - 16 serrated flange nuts
(1) Pkg. Anti-seize lubricant

TORQUE SETTINGS:

2-1/2" band clamps - **45 ft.-lbs.**
Over-the-axle pipe flange bolts - 40 ft.-lbs.
Center hanger bracket - 10-12 ft. lbs.



NOTE: Apply the anti-seize lubricant (supplied) to the threads **ONLY** of all the clamps and flange bolts. Failure to follow this procedure can cause nuts to seize on clamps and potentially destroy threads. After applying anti-seize lubricant, be sure to thoroughly clean hands as lubricant will tarnish stainless steel. All 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.

All 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.

- 1) Locate the catalytic converter pipe bracket (**see Fig. A**) that mounts to the transmission housing. This will serve as the point from which to make your measurements to determine the required cutting points.
- 2) Begin measuring by placing your tape measure on the front edge of the bracket (**see Fig. A**) and running the tape measure along the **DRIVER'S SIDE** pipe towards the rear of the car. At 31-1/2", mark the pipe (**see Fig. B**)
- 3) Repeat the process for the **PASSENGER'S SIDE** pipe and marking the pipe at 30-inches. (**see Fig. C & D**)
- 4) **Measure twice - cut once rule - Re-check steps and measurements.**



Fig. A



Fig. B



Fig. C

- 5) Using a chain cutter, cut the two staggered marks made on the intermediate pipe assembly. **IMPORTANT:** Be sure to follow the chain cutter instructions prior to making the final cuts. After the final cuts are made, your cuts should look like those in **Figure E**.

CAUTION: The cut edges are sharp, it would be a good idea to use sandpaper or a file to dull the edges.

- 6) Next remove the bolts from the intermediate pipe assembly to the over-the-axle pipe flanges (**see Fig. F**)
- 7) Remove the two intermediate pipe hanger bracket bolts. Save these bolts, as they will be needed to install your CORSA Crossover Pipe. (**see Fig. G**)
- 8) Locate the two CORSA band clamps from the hardware kit and slip them over the catalytic converter pipes - do not tighten (**see Fig. H**) Note direction of clamps.
- 9) Now slip the CORSA Crossover Pipe over the intermediate pipe assembly with the Crossover Pipe hanger bracket facing up. Driver and passenger side inlets are labeled. For proper alignment, passenger side flange will be lower than driver's side.
- 10) Reuse the center hanger bracket support bolts and lightly tighten.
- 11) Locate the supplied flange bolts and gaskets in the hardware kit. Insert new gaskets at each flange and using supplied flange bolts, lightly tighten. (**see Fig. I**)
- 12) Slip the CORSA band clamps over Crossover Pipe and lightly tighten.
- 13) Before tightening, check to make sure everything is aligned and centered (**see Fig. J**). Then proceed to tighten the CORSA band clamps (**see Fig. K**), flange bolts (**see Fig. L**) and center hanger bracket (**see Fig. M**)

Torque Settings: Band clamps - 45 ft. lbs., Flange bolts - 40 ft. lbs. and center hanger bracket - 10-12 ft. lbs.



Fig. D



Fig. E



Fig. F



Fig. G



Fig. H



Fig. I



Fig. J



Fig. K

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PERFORMANCE EXHAUSTS

- 14) Once installation is complete, start engine and check to ensure there are no leaks or rattles. It is **STRONGLY SUGGESTED** that all clamps be checked and tightened if necessary after road testing the vehicle and after system has cooled.



Fig. L



Fig. M

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.