

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.

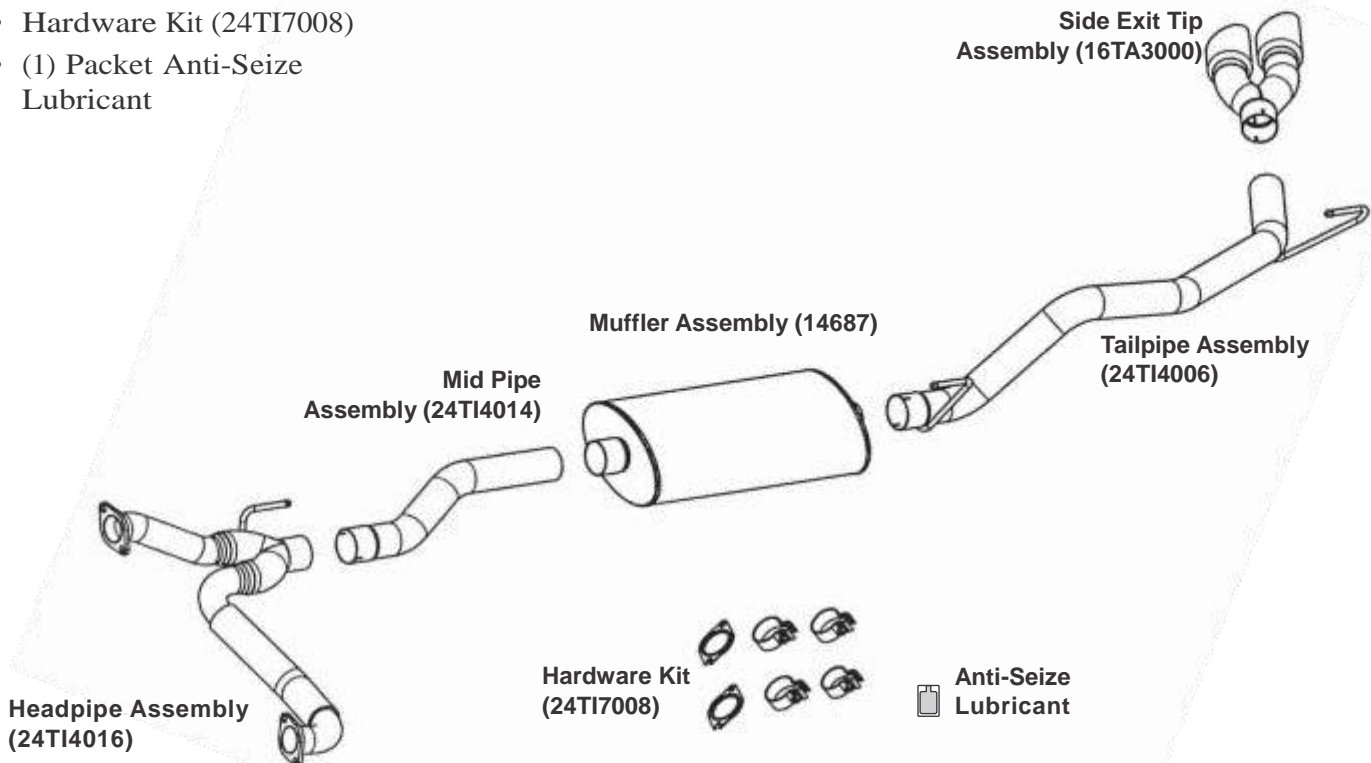
Please confirm that all parts are present before beginning the factory exhaust system removal and CORSA exhaust system installation.

Bill of Materials:

- Side Exit Twin 4.0" Pro-Series Tip Assembly (16TA3000)
- Tailpipe Assembly (24TI4006)
- Muffler Assembly (14687)
- Mid Pipe Assembly (24TI4014)
- Headpipe Assembly (24TI4016)
- Hardware Kit (24TI7008)
- (1) Packet Anti-Seize Lubricant

Recommended Tools:

- Safety Glasses
- 14mm socket and ratchet
- 15mm socket and ratchet
- 12mm socket and ratchet
- Grommet pullers
- Soapy water
- Torque wrench



Removal Of Stock Exhaust:

1. Remove the tailpipe clamp bolts located just behind the muffler outlet using a 14mm socket. **(See Fig. A)**
2. Remove the tailpipe by lifting it up off of the muffler outlet pipe. Then remove the tailpipe hanger from the rubber grommet using grommet pullers or similar device and slide it back and over the rear axle. **(See Figs. B & C)**

NOTE: Using a soapy water solution on all grommet holes will make the job easier.

3. Remove the driver and passenger front pipes and muffler by removing the (4) flange bolts after the catalytic converters using a 14mm socket. Save the bolts, you will need to reuse them. **(See Figs. D & E)**
4. Remove the hanger bracket assembly located in front of the muffler by removing the two bolts using a 12mm socket. **(See Fig. F)**
5. Slide the hanger bracket assembly off of the factory system and save it and the two bolts from step #4 for the installation of the CORSA system. **(See Fig. G)**
6. Remove the muffler hanger from the rubber grommet using grommet pullers or similar device and remove the front pipes and muffler assembly. This completes the removal of the stock system. **(See Figs. H & I)**



FIG. A



FIG. B



FIG. C



FIG. D



FIG. E



FIG. F



FIG. G



FIG. H



FIG. I

If at any time you need technical assistance, call (800) 486-0999 to speak with a CORSA Representative.

Installation of CORSA Exhaust System:

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.

NOTE: Align all clamps so that the bolt is 90 degrees from the notch in the pipe. (See Figure 1)

1. Locate the hanger bracket assembly and two bolts removed from the stock system in steps #4 and #5 and install it back on the vehicle. (See Fig. J)
2. Install supplied gaskets on the factory headpipe flanges making sure the gasket protrusion seats in the factory flange recess. (See Fig. K)
3. Locate the CORSA head-pipe assembly. Place the hanger into the factory hanger bracket assembly installed in step #1 and align the head pipe flanges to the factory flanges. Then install the factory flange bolts through both flanges, gaskets and ground wire, ensuring proper flange alignment, using a 14mm socket. Tighten the bolts to 40 ±5 lbs-ft. using a torque wrench. (See Figs. L & M)
4. Locate the Corsa mid pipe and slide a supplied 3" Torca clamp over the inlet end. Slide the mid pipe onto the headpipe assembly and pre-tighten the clamp. (See Figs. N & O)
5. Locate the CORSA muffler and slide a supplied 3" Torca clamp over the inlet of the CORSA muffler. Make sure the drain hole on the muffler is facing towards the floor.> Then slide the muffler onto the head-pipe assembly and pre-tighten the clamp. (See Figs. P & Q)

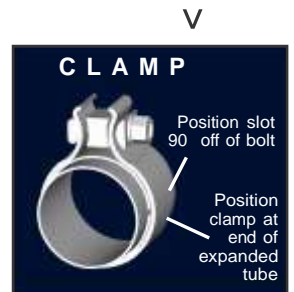


Figure 1



FIG. J



FIG. K



FIG. L



FIG. M



FIG. N



FIG. O



FIG. P



FIG. Q

6. Locate the CORSA tailpipe assembly and slide a supplied 3" Torca clamp over the inlet. Slide the tailpipe over the axle and place the hangers into the factory rubber grommets. Then slide the tailpipe inlet onto the muffler outlet and pre-tighten the clamp. **(See Figs. R, S & T)**
7. Locate the CORSA tip assembly and slide a supplied 3" Torca clamp over the inlet end. Slide the tip assembly onto the tailpipe and adjust the angle and location of the tip to your liking and pre-tighten the clamp. **(See Figs. U, V & W)**
8. Start from the front of the CORSA exhaust system and tighten all clamps to **45 lbs.-ft.** using a torque wrench. This completes the installation of the CORSA exhaust system.
9. **It is strongly recommended that all clamps be checked and tightened after road testing the vehicle. Allow the exhaust system to cool before working on it.**

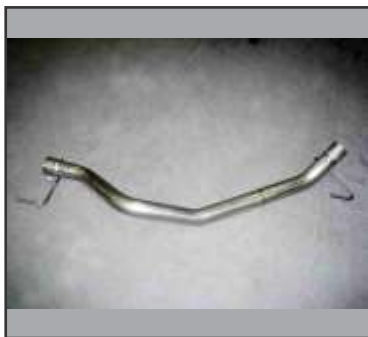


FIG. R



FIG. S



FIG. T



FIG. U



FIG. V



FIG. W

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.

