

# IMPORTANT WARRANTY & INSTALLATION INSTRUCTIONS ATTACHED

Please Forward All Attached Information to Consumer Warranty Not Valid Unless Returned to CORSA Exhaust

We ask that you take a few moments to complete our warranty registration form:

TO ACTIVATE YOUR LIMITED LIFETIME WARRANTY GO TO:

**CORSAPERFORMANCE.COM/WARRANTY** 



For Full-Color Installation Instructions, Please Visit:

**CORSAPERFORMANCE.COM** and Search by Part Number

Please be sure to review the enclosed instructions prior to beginning the installation process. If you have any questions about the enclosed parts, instructions or encounter a problem during Installation: CALL CORSA PERFORMANCE TECHNICAL ASSISTANCE AT 800.486.0999



#### Please take time to read and understand these installation instructions.

CORSA recommends that installation of this system be performed by an authorized CORSA 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:**

- Driver Side Rear Muffler Assembly (17CH2041)
- Passenger Side Rear Muffler Assembly (17CH2042)
- Driver Side Axle Pipe (17CH4070)
- Passenger Side Axle Pipe (17CH4008)
- X-Pipe Assembly (17CH2040)
- (6) 2.75" Clamps
- (1) Anti-seize Lube Pouch

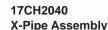
#### **Recommended Tools:**

- Safety Glasses
- 13mm Wrench
- 13mm Socket
- 15mm Wrench
- 15mm Socket
- Grommet Pullers
- 3/8" Ratchet
- 12" Ratchet Extension
- Torque Wrench





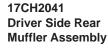














17CH2042 Passenger Side Rear Muffler Assembly





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## **Factory Exhaust System Removal:**

NOTE: Penetrating spray lubricant will assist with removal.

- Loosen the nuts and bolts at the flange connection on the driver side of the tunnel muffler using a 13mm wrench or socket. (See Fig. A)
- 2. Remove the Driver Side factory hangers from the chassis using a 13mm socket and 12" extension attached to a 3/8" ratchet. (See Fig's B&C)
- Remove the driver side axle pipe hanger from the grommet shown in Fig. D using grommet pullers or a similar device. Carefully remove the rear driver side section of the stock exhaust from the vehicle.
- Remove the grommets and chassis hangers from the stock muffler and replace to the original factory position. Torque the bolts to 18 ft-lbs. (See Fig's E, F&G)
- 5. Loosen the crossbar bolts below the x-pipe using a 13mm socket. Remove the crossbar from the chassis. (See Fig. H)
- Remove the grounding clip from the passenger side rear muffler. (See Fig. I)
- 7. Repeat step 2 to remove the Passenger Side factory chassis hangers.
- 8. Using a 15mm Socket loosen the clamps at the front of the stock exhaust system. (See Fig. J)



FIG. E



FIG. H



FIG. C



FIG. F



FIG. I



FIG. A



FIG. B



FIG. D



FIG. G



FIG. J



- 9. Remove the passenger side axle pipe hanger from the rubber grommet shown in Fig. K. Carefully remove the remaining stock exhaust system from the vehicle. (See Fig. L)
- 10. Repeat step 4 for the passenger side. Fig's M&N show the passenger side chassis hangers and grommets replaced to the original factory position. Torque the bolts to 18 ft-lbs. The removal of the factory system is complete.





FIG. K

FIG. L

## **CORSA Exhaust System Installation:**

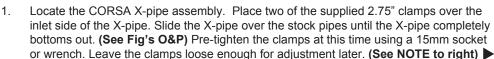
NOTE: Apply the anti-seize lubricant (supplied) to the threads ONLY of all the clamps and flange bolts. Failure to follow this procedure can cause nuts to seize on clamps and potentially destroy threads. After applying anti-seize lubricant, be sure to thoroughly clean hands as lubricant will tarnish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

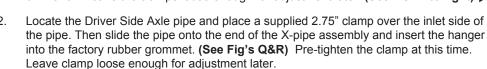
All clamps should be tightened using a properly calibrated



FIG. N

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: IMPORTANT: Make sure** that small drain holes in rear of each tunnel muffler face down when installed.

Repeat step 2 for the Passenger Side 3. Axle pipe. (See Fig's S&T)





FIG. P



FIG. Q





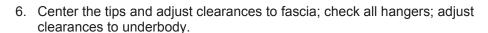
FIG. S



FIG. T



- 4. Locate the Passenger Side Rear muffler and insert a supplied 2.75" clamp over the inlet side of the muffler. Slide muffler onto axle-pipe; then slide hangers into rubber grommets. (See Fig's U&V) (Soapy water in the grommet holes will aid in the installation of the muffler.) Insert the grounding clip on the muffler hanger. (See Fig. W) Pre-tighten the clamp at this time. Leave clamp loose enough for adjustment later.
- 5. Locate the Driver Side Rear muffler and insert a supplied 2.75" clamp over the inlet side of the muffler. Slide muffler onto axle-pipe; then slide hangers into rubber grommets as in step 4. (See Fig's X&Y) Pre-tighten the clamp. (See Fig. Z)



- 7. At this time start from the front of the exhaust system and tighten all clamps to **45 ft-lbs**. At each clamp location there will be some axial and rotational adjustment. Make the necessary adjustments to center the exhaust tips with the rear fascia. Then torque the clamps to **45 ft-lbs**.
- 8. Once tight, verify clearances to underbody components.
- 9. Replace the factory crossbar at the x-pipe location. Torque the nuts to 18 ft-lbs. (See Fig. AA)

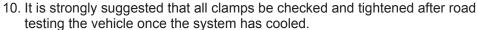




FIG. W



FIG. Z



FIG. X



FIG. AA



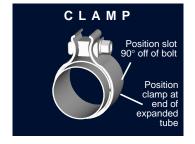
FIG. U



FIG. V



FIG. Y



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 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.