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**

CORVETTE C6

Exhaust System Installation
2005-08 Corvette C6

CORSA PERFORMANCE EXHAUSTS

Recommended Tools:

- 13 mm Socket
- 15 mm Socket
- 18 mm Socket
- 15 mm Open End Wrench
- Torque Wrench (20-100 ft.-lb.)
- Drive extensions for Ratchet **(MINIMUM OF 17 INCHES)**
- Safety Glasses
- Soapy Water

Additional Tools for Auto Transmission Cars Only:

- Large Flat-head Screwdriver
- Rubber Mallet
- Needle Nose Pliers

Technical Assistance:
(800) 486-0999

Please be sure to review the attached 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. Do not attempt to make any modifications to parts as this will void your warranty.

PARTS LIST

SPORT SYSTEM (PN14169) (PN14169BLK)

(1) Driver Side Over-the-Axle Pipe **(16CS4003)**
(1) Passenger Side Over-the-Axle Pipe **(16CS4002)**
(1) Driver Side Muffler Assembly **(16CS2064) (16CS2067)**
(1) Passenger Side Muffler Assembly **(16CS2065) (16CS2068)**
Hardware Kit **(18VP7031)**:
(2) Torca Clamps 2.5"
(1) Package Anti-Seize

3.5" XTREME SYSTEM (PN14469) (PN14469BLK)

(1) Driver Side Over-the-Axle Pipe **(16CS4003)**
(1) Passenger Side Over-the-Axle Pipe **(16CS4002)**
(1) Driver Side Muffler Assembly **(16CS2054)**
(1) Passenger Side Muffler Assembly **(16CS2053)**
Hardware Kit **(18VP7031)**:
(2) Torca Clamps 2.5"
(1) Package Anti-Seize

4.0" XTREME SYSTEM (PN14960) (PN14960BLK)

(1) Driver Side Over-the-Axle Pipe **(16CS4003)**
(1) Passenger Side Over-the-Axle Pipe **(16CS4002)**
(1) Driver Side Muffler Assembly **(16CS2071)**
(1) Passenger Side Muffler Assembly **(16CS2070)**
Hardware Kit **(18VP7031)**:
(2) Torca Clamps 2.5"
(1) Package Anti-Seize

CAUTION: **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 provided anti-seize lubricant to all bolts, fasteners and clamps. A pouch 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 Removal:

EXHAUST REMOVAL

Your C6 must be raised high enough to remove the one-piece stock muffler and over-axle pipe assemblies.
A safe vehicle hoist is strongly recommended for this task.

NOTE: Be sure to save all nuts. These will be used to install your CORSA Performance exhaust system.

1. Using a 15 mm socket or wrench, remove the four front flange nuts **(See Fig. A).**
2. Using a 13 mm socket or wrench, remove the H-Pipe hanger nuts **(See Fig. B).**
3. Using a 15 mm socket or wrench, loosen the clamps connecting the H-Pipe to the Rear Muffler Assembly **(See Fig. C).**
4. Slide the flanges off the bolts **(See Fig. D).**
5. Remove the H-Pipe assembly.
6. Using an 18 mm socket and a 15 mm open end wrench, remove the rear stabilizer bar mounting nuts **(See Fig. E).** Both sides.
7. Use an 18 mm socket to remove the upper stabilizer bar mounting bolts **(See Fig. F).**
8. Swing the stabilizer bar down, away from the rear cradle.

FIG. A

FIG. B

FIG. C

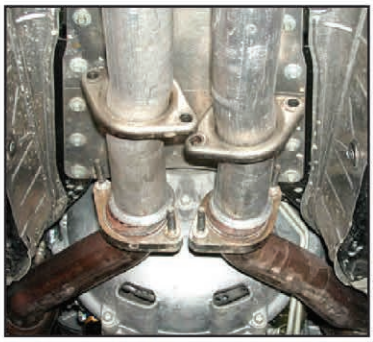


FIG. D

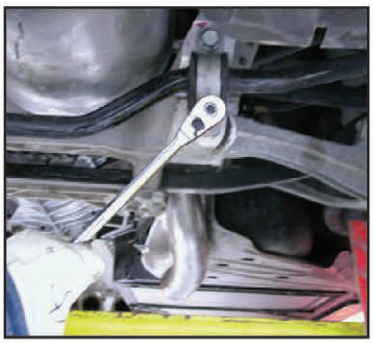


FIG. E

FIG. F

9. On the Passenger side, cut tailpipe 3-4” after H-pipe joint **(See Fig. G).**
   [2005 AUTOMATIC TRANSMISSION ONLY]

10. Slide the rear muffler hangers out of the rubber isolators, using soapy water to aid in removal if needed. **(See Fig. H).**

11. Carefully slide the Driver side muffler out of the vehicle.

12. Carefully slide the Passenger side muffler out of the vehicle **(See Fig. I).**

13. Reinstall the stabilizer bar using the factory nuts and bolts. Tighten the bolts and nuts to factory specifications.

14. If installing a CORSA Performance C6 SPORT exhaust system, reinstall the factory crossover at this point. Tighten the flange nuts and the crossover hanger nuts to factory specifications.

FIG. G

FIG. H

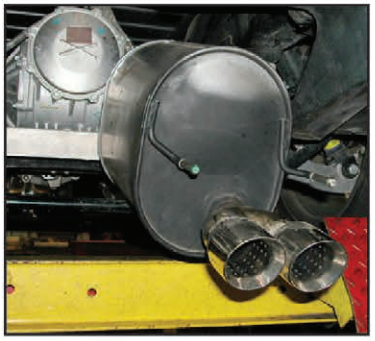


FIG. I

If you have any questions about the installation process, call CORSA Performance and ask one of our Sales & Technical Service Representatives. Do not attempt to make any modifications to parts as this will void your warranty. **Call 800.486.0999**

CORSA Performance SPORT EXHAUST INSTALLATION:

SPORT CORSA® PERFORMANCE EXHAUSTS

1. Remove all exhaust system components from the shipping carton, including clamps. **NOTE: There are two 2.5-inch clamps supplied.**
2. Locate the Driver side (16CS4003) and Passenger side (16CS4002) axle pipes **(See Fig. L & M).**
3. Slide both Driver and Passenger axle pipes into position from the rear **(See Fig. N).**
4. Insert the axle pipes into the H-Pipe outlets and snug fit the clamps **(See Fig. O). Note: If using the factory H-Pipe, axle pipe will not bottom-out in the expansion. This is as designed.**
5. Locate the Passenger side muffler (16CS2065, 16CS2068 or 16CS2053). Slide one Torca clamp onto muffler inlet **(See Fig. AB).**
6. Slide the muffler hanger into the factory rubber isolators **(See Fig. Y).**
7. Carefully align the muffler inlet to the axle pipe.
8. Slide the axle pipe into the muffler inlet expansion and snug fit the Torca clamp using the 17-inch extensions and a 15 mm socket **(See Fig. W). NOTE: All the muffler clamps should point towards the center of the vehicle when installed.**

FIG. L

FIG. M

FIG. N

FIG. O

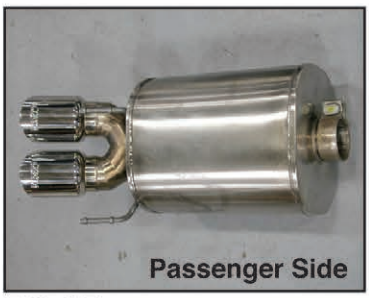


FIG. AB

FIG. Y

FIG. W

If you have any questions about the installation process, call CORSA Performance and ask one of our Sales & Technical Service Representatives. Do not attempt to make any modifications to parts as this will void your warranty. **Call 800.486.0999**

9. Repeat steps 6 to 9 above for the Driver side muffler (16CS2064, 16CS2067 or 16CS2054).

10. Adjust the entire system as necessary to achieve the desired tips location and clearance to all driveline components.

11. Starting from the front of the vehicle, tighten all Torca clamps to **45 ft.-lb.**

12. It is **MANDATORY** that all clamps and fasteners be checked and re-tightened (if necessary) after a road test. Make sure the system has cooled prior to touching any exhaust components.

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.

CORSA Performance • 140 Blaze Industrial Parkway • Berea, Ohio 44017-2930 • **P. 800.486.0999** • F. 440.891.1868
E-mail: sales@corsaperf.com • www.corsaperf.com

SPORT & XTREME

2005-08 Corvette C6

(PN14169) (PN14169BLK)
(PN14469) (PN14469BLK)
(PN14960) (PN14960BLK)

Driver Side
Over-the-Axle Pipe
(16CS4003)

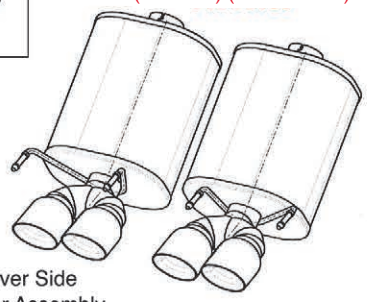
Passenger Side
Over-the-Axle Pipe
(16CS4002)

HARDWARE KIT:
(2) 2.5" Clamps
(1) Package of Anti-Seize
(16CS7003)

+
Muffler Assembly

Muffler Assembly Options

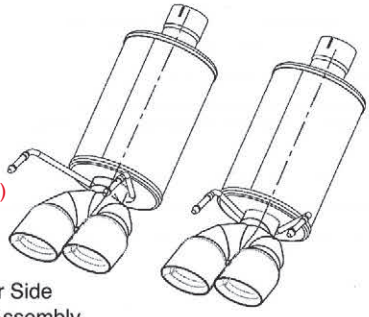
QUAD SPORT
Twin 3.5" Pro-Series Tips
(PN14169) (PN14169BLK)



Driver Side
Muffler Assembly
(16CS2067)

Passenger Side
Muffler Assembly
(16CS2068)

QUAD XTREME
Twin 3.5"
Pro-Series Tips
(PN14469) (PN14469BLK)



Driver Side
Muffler Assembly
(16CS2054)

Passenger Side
Muffler Assembly
(16CS2053)

QUAD XTREME
Twin 4.0"
Pro-Series Tips
(PN14960) (PN14960BLK)

Driver Side
Muffler Assembly
(16CS2071)

Passenger Side
Muffler Assembly
(16CS2070)

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Complete our warranty registration form.

To Activate Your 10 Year LIMITED WARRANTY, Go To:
CORSAPERFORMANCE.COM/WARRANTY

MADE IN THE USA

For Full-Color Installation Instructions, Please Visit:
CORSAPERFORMANCE.COM & Search Part #

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**

CORSA Performance Exhaust / 140 Blaze Industrial Pkwy / Berea, OH 44017

CORVETTE C6 X-PIPE

Exhaust System Installation

Corvette C6 X-Style Crossover Pipe (2005 & Up) PN 14163, 14127 & 14330

Tools Needed:

- 13 mm Socket
- 15 mm Socket
- Torque Wrench (20-100 ft.-lb.)
- Safety Glasses

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.

For technical assistance call (800) 486-0999.

CAUTION: 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 provided anti-seize lubricant to all bolts, fasteners and clamps. A pouch 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.

Please be sure to review the attached 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. Do not attempt to make any modifications to parts as this will void your warranty.

Exhaust Removal:

1. Using a 15 mm socket or wrench, remove the four front flange nuts **(See Fig. A). Be sure to save all nuts - these will be used to install your CORSA Performance X-pipe assembly.**
2. Using a 13 mm socket or wrench, remove the H-Pipe hanger nuts **(See Fig. B). Be sure to save all nuts - these will be used to install your CORSA Performance X-pipe assembly.**
3. Using a 15 mm socket or wrench, loosen the clamps connecting the H-Pipe to the Rear Muffler Assembly **(See Fig. C).**
4. Slide the flanges off the bolts **(See Fig. D).**
5. Remove the H-Pipe assembly.

FIG. A

FIG. B

FIG. C

FIG. D

CORSA Performance X-PIPE KIT INSTALLATION:

1. Remove all X-pipe Kit components from the shipping carton.
   NOTE: There are two 2.5-inch clamps supplied.

2. Locate the X-pipe assembly, 16CS4013 OR 16CS4112, **(See Fig. E)** and the two Torca clamps.

3. Snug fit the clamps onto the outlets of the X-pipe assembly. The clamps should be pointing towards the center of the vehicle.

4. Using a 13 mm socket or wrench, install the X-Pipe hanger nuts. Tighten to factory specifications **(See Fig. F)**.

5. Slide the flanges over the flange bolts and snug tighten the nuts using a 15 mm socket **(See Fig. G)**. The hanger bracket on the X-pipe assembly should be pointing up.

6. Tighten the flange nuts to factory specifications.

7. Insert each axle pipe into the corresponding X-Pipe outlet **(See Fig. H)** and tighten both clamps to **45 ft.-lb.** **NOTE: The CORSA Performance X-pipe assembly is designed to work with any CORSA Performance C6 Sport Exhaust System, but is not guaranteed to fit with every other brand of exhaust system.**

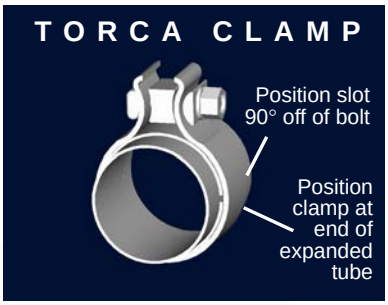
8. It is **strongly suggested** that all clamps and fasteners be checked and re-tightened (if necessary) after a road test. Make sure the system has cooled prior to touching any exhaust components.

FIG. E

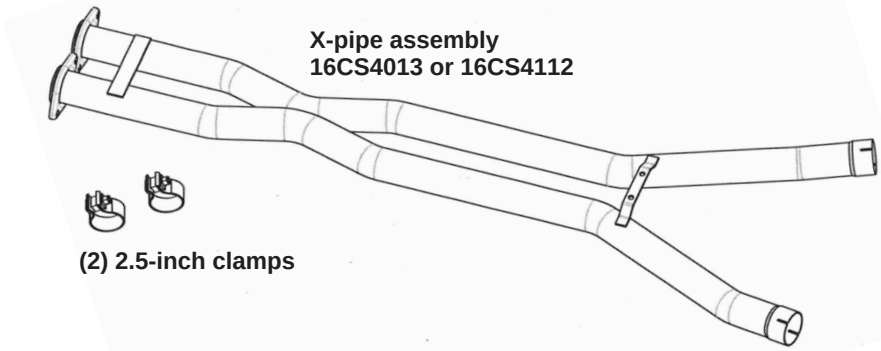
FIG. F

FIG. G

FIG. H



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.



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