



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 the 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.

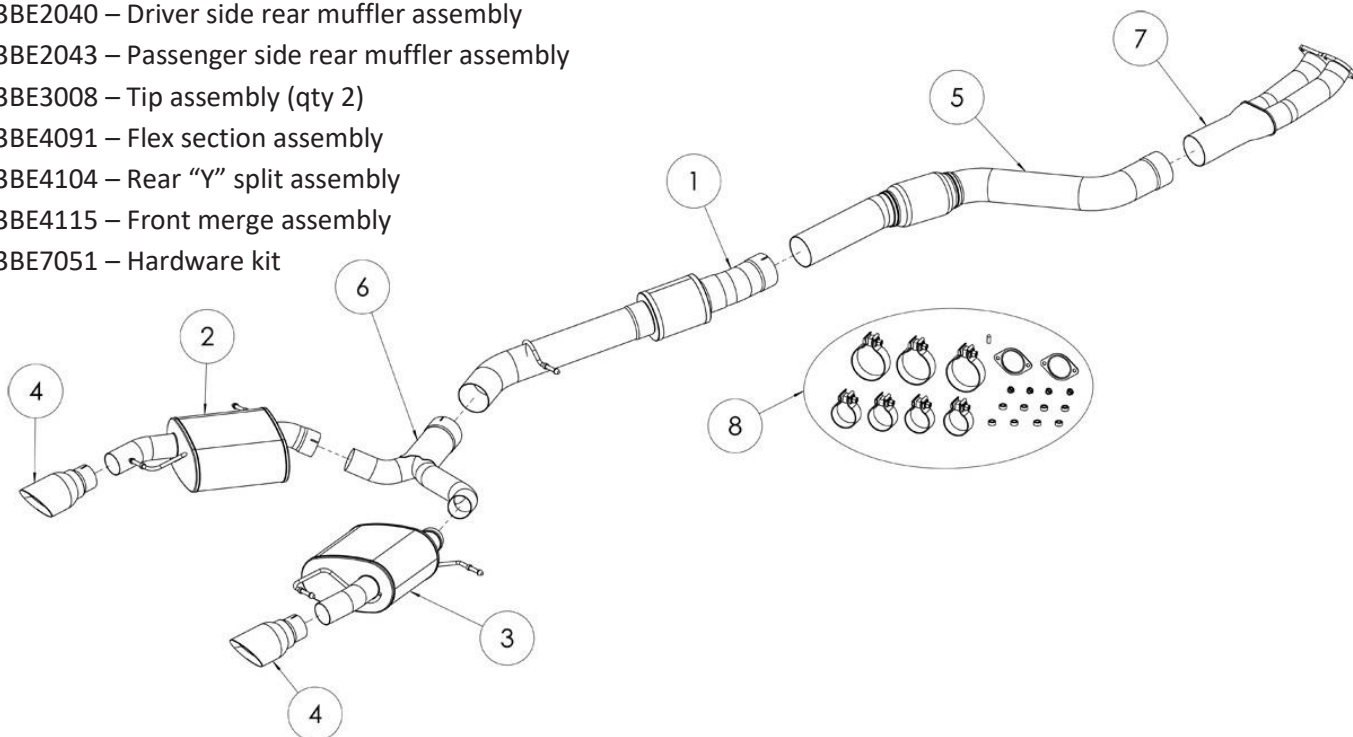
Recommended Tools:

- 3/8" drive ratchet
- 3/8" drive 6" ratchet extension
- 3/8" drive 12" ratchet extension
- 3/8" drive 12mm deep socket
- 3/8" drive 13mm deep socket
- 3/8" drive 15mm deep socket
- 3/8" drive T-50 Torx socket
- 3/8" drive E-10 Torx socket
- 1/4" drive ratchet
- 1/4" drive 10mm socket
- Grommet pullers
- Soap and water solution
- Safety glasses
- Torque Wrench
- Penetrating lubricant spray

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

Bill of Materials:

1. 13BE2039 – Tunnel muffler assembly
2. 13BE2040 – Driver side rear muffler assembly
3. 13BE2043 – Passenger side rear muffler assembly
4. 13BE3008 – Tip assembly (qty 2)
5. 13BE4091 – Flex section assembly
6. 13BE4104 – Rear "Y" split assembly
7. 13BE4115 – Front merge assembly
8. 13BE7051 – Hardware kit



Factory Exhaust System Removal:

1. Locate the vacuum line near the driver's side exhaust tip. **(Fig. A)** Remove the line from the valve **(Fig. B)** and cap it with the supplied vacuum cap. Secure the line in the clip on the heat shield. **(Fig. C)**
2. Using the 3/8" drive ratchet and T-50 Torx socket, begin removing the bolts securing the brace in the tunnel near the rear differential. Cars with all wheel drive will have four (4) bolts and rear wheel drive cars will have eight (8) bolts securing the brace. **(Figs. D and E)** If your car has all wheel drive, skip to Step #4. If your car has rear wheel drive, continue to Step #3.
3. Using the 3/8" drive ratchet and the 12mm deep socket, remove the nuts securing the brace near the transmission and remove the bolts and all hardware. **(Fig. F)** An E-10 Torx socket and additional ratchet may be necessary. Continue to Step #6.
4. If your car has all wheel drive, you must remove one of the plastic underbody trays. Use the 1/4" drive ratchet and 10mm socket to remove the bolts securing the tray near the transmission. **(Fig. G)**
5. Using the E-10 Torx socket, remove the two bolts holding the brace to the transmission. **(Fig. H)**
6. Using the 3/8" drive ratchet, 12" extension and 12mm deep socket, remove the four (4) nuts securing the cat-back to the downpipes near the front of the car. **(Fig. I)** Use a jack stand or similar device to support the front half of the factory cat-back exhaust while removing the rear half.
Note: The use of penetrating lubricant spray may aid in the removal of fasteners.
7. Using grommet pullers or a similar device, remove the hanger on the driver's side just before the rear axle. **(Fig. J)** Repeat on the passenger side. The passenger side rubber isolator maybe completely removed from the car. It is not reused with the CORSA system.
Note: The use of soapy water may aid in removing the rubber isolators.
8. Using the 3/8" drive ratchet, 12" extension and a deep 13mm socket, remove the nuts holding the front-most hanger brackets supporting the driver's side rear muffler. **(Fig. K)** Repeat this step for the passenger side.
9. Remove the bracket and rubber grommet from the stock muffler. Save the hardware, bracket and hanger for later installation of the CORSA system.
10. **Note:** The only things supporting the factory cat-back exhaust at this point are the support at the front of the exhaust and one hanger on each rear muffler. Take care when removing the remaining hangers. Using grommet pullers or a similar device, remove the rear hanger on the driver's side rear muffler. Use a jack stand or similar device to support the exhaust. **(Fig. L)** Repeat this step on the passenger side.
11. Remove the factory cat-back exhaust from the vehicle.
12. Reinstall the plastic underbody tray using the 1/ 4" drive ratchet, 10mm socket, and screws removed in Step #4.

REMOVAL PICTURES ON NEXT PAGE 

Factory Exhaust System Removal Pictures:

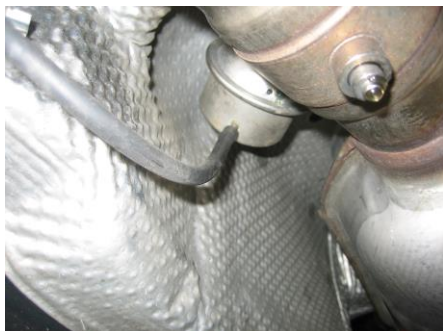


Fig. A



Fig. B



Fig. C



Fig. D



Fig. E

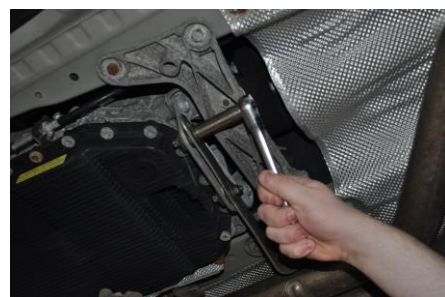


Fig. F



Fig. G



Fig. H



Fig. I

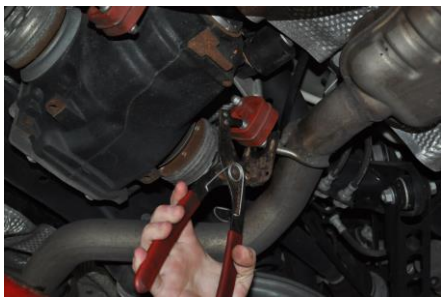


Fig. J



Fig. K

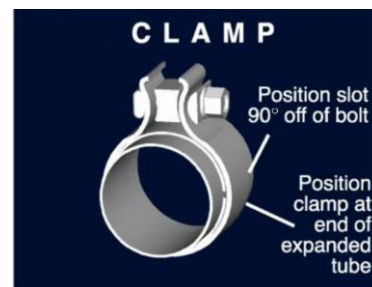


Fig. L

Installation of CORSA Exhaust System:

NOTE: Apply anti-seize lubricant (not 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 your 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 to your vehicle.

NOTE: Align all clamps so that the center of the clamp bolt is 90 degrees from the notch in the pipe. (See Fig. CLAMP)



1. Remove all exhaust system components from the shipping box, including clamps and hardware.
2. Locate 13BE4115 Front Merge Assembly, both 13BE7050 gaskets, and the four (4) 13MV7034 hex flange nuts.
3. Place the gaskets over the studs on the downpipe, followed by merge pipe assembly. Secure with the flange nuts. **(Fig. M)**
4. Locate the 13BE4091 Flex Pipe Assembly and one of the 3.5" clamps. Slide the clamp over the expanded end of the flex pipe assembly and install onto the 13BE4115 front merge assembly. **(Fig. N)** Do not tighten the clamp fully at this time. Tighten the clamp only enough to keep the pipe in place using the 3/8" drive ratchet and 15mm deep socket. Adjustments will be made to the system before fully tightening all clamps.
Note: The use of a jack stand or similar device may make the following steps easier.
5. Locate the 13BE2039 Tunnel Muffler Assembly and another 3.5" clamp. Slide the hanger into the driver's side exhaust grommet so the pipe hangs towards the outside of the car. **(Fig. P)** **Note:** The use of soapy water may aid in the installation of hangers.
6. Slide the 3.5" clamp over the expanded end of the tunnel muffler pipe. Slide the expansion over the outlet end of the flex pipe and snugly tighten the clamp. **(Fig. Q)** Do not tighten the clamp fully at this time.
7. Locate the 13BE4104 Rear "Y" Split Assembly and the last 3.5" clamp. Slide the clamp over the expanded end and slide the assembly over the outlet of the tunnel muffler and snugly tighten the clamp. **(Fig. R)** The pipe crossing over to the passenger side should be approximately parallel to the ground.
8. Using the 3/8" drive ratchet, 6" extension and 13mm socket, reattach the muffler hanger bracket and rubber grommet on the driver's side from Step #8 of the removal process. **(Fig. S)** Repeat this step on the passenger side. Each bracket will only fit correctly on one side of the car.
9. Locate the 13BE2043 Passenger Rear Muffler Assembly and one 2.5" clamp. Insert the hanger on the end opposite the expansion into the rear-most rubber grommet on the passenger side **(Fig. T)** followed by the front

hanger. **(Fig. U)** Slide the clamp over the expansion and slip the expanded end over the rear Y split assembly. Tighten the clamp snugly but not completely using the 3/8" drive ratchet and 15mm deep socket. **(Fig. V)** Adjustments will need to be made before fully tightening the clamps.

10. Repeat Step #9 on the driver's side.
11. Locate one 13BE3008 Tip Assembly and one 2.5" clamp. Slide the clamp over the expansion and slip the expanded end over the tip tube. Tighten the clamp only enough to remove any slop or play between the tip tube and tip assembly. **(Fig. W)**
12. Locate the 10AF7012 spacers. Cars with rear wheel drive will require all eight (8) spacers while cars with all wheel drive will only require four (4) spacers. Place the spacers between the brace and the underbody of the car. **(Fig. X)** Using the 3/8" drive ratchet and T-50 Torx socket, tighten the bolts removed during Step #2 of the removal process to secure the brace to the car. **(Fig. Y)**
13. Working backwards from the front of the car, begin tightening the clamps to secure the exhaust system in place. Tighten clamps using the 15mm deep socket and a torque wrench set to 45ft-lbs. **Note:** Temporarily placing a block of wood roughly 1/2" tall or something of similar height between the brace installed in Step #11 and the underside of the exhaust pipe may help in properly adjusting the exhaust system. Once the system is adjusted and all clamps are fully tightened, remove the block (if used).
14. Visually inspect the exhaust system position, clamp orientation, and exhaust pipe clearance. Make any necessary adjustments at the slip joints. Verify clearances to all underbody components.
15. It is **STRONGLY SUGGESTED** that all clamps be checked and re-tightened, if necessary, to the recommended torque after initial road testing of the vehicle, as thermal cycling has occurred to the system. Please wait until the system and vehicle has fully cooled to perform this step.

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.

INSTALLATION PICTURES ON NEXT PAGE



CORSA Installation Pictures



Fig. M



Fig. N



Fig. P

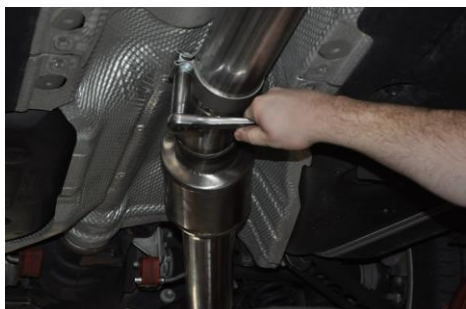


Fig. Q



Fig. R



Fig. S



Fig. T

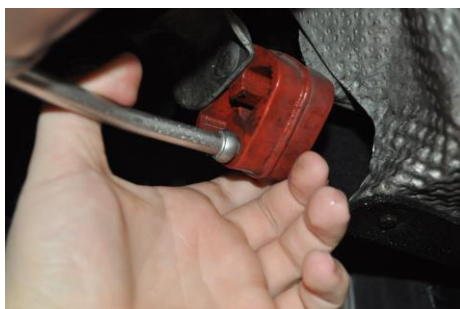


Fig. U



Fig. V



Fig. W



Fig. X



Fig. Y