

SIXTH GEN CHEVROLET CAMARO SS

CORSA[®]
PERFORMANCE



IMPORTANT! WARRANTY AND INSTALLATION INSTRUCTIONS

Please Forward All Information to Consumer

Be sure to review the enclosed instructions prior to beginning the installation process. If you have any questions about the enclosed parts or instructions, or if you encounter a problem during installation:

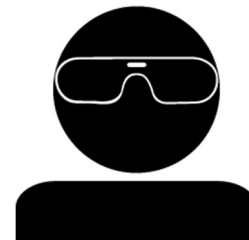
CALL TECHNICAL SUPPORT: 440.891.0999 or 800.486.0999

**TO ACTIVATE YOUR WARRANTY GO TO:
CORSAPERFORMANCE.COM/WARRANTY**

COLOR INSTRUCTIONS ARE AVAILABLE BY PART NUMBER ON: CORSAPERFORMANCE.COM



NEVER work on a hot exhaust system.
Allow time for the vehicle to cool.



**Always wear eye protection
when working under a vehicle.**

INSTALL DIFFICULTY 

RECOMMENDED TOOLS & SUPPLIES

- Metric Socket Set
- Metric Box/Open End Wrench Set
- T30 Socket
-
-
- Flat Screwdriver
- 5/8 Spark Plug Socket
- 7/8 O2 Open End Wrench
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2016-2017 CHEVROLET CAMARO SS

Long Tube Headers: 1.875" Primary, 3.0" Collector
Part #: 16022, 16122, 16027



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 installer who has; experience installing off-road products, the necessary equipment, tools, and experienced personnel. In order to increase the vehicle's performance this system was engineered differently from the vehicle's stock headers. Take particular care to ensure proper clearance of all lines, hoses, and cables.

WARNING: Do not allow anything to touch or be in close proximity to this system. Never work on a hot exhaust system. Allow time for the vehicle to cool. Always wear eye protection when working under a vehicle.

CORSA Performance makes no representation or warranty, expressed or implied that its downpipe or header products and or components there-in comply with federal, state or local emission levels, noise levels, labeling laws, safety standards, or that any of their parts conform with the racing vehicles exemption, unless otherwise noted. The purchaser assumes all responsibility for such use and compliance.

This warranty does not extend to damaged or defect in the finish of a product or to any product, that in the opinion of CORSA Performance, has been misused, damaged by accident or negligence, altered or modified in any way, faulty installation or installed contrary to CORSA installation instructions, or repaired by an unauthorized service facility.

Full warranty available on www.corsaperformance.com

WARNING: CORSA Performance Headers are intended for off-road use only. Products are not legal for sale or use in the state of California, or in states that adopt California Air Resources Board emission standards.

NOTE: This instruction sheet assumes that the CORSA Performance Double X-Pipe (CORSA Part # 14788) and CORSA Exhaust Connection Pipes (CORSA Part # 16027) are installed in conjunction with the CORSA Long Tube Headers. May fit to other systems with modifications.

NOTE: Individual vehicle variations and stock header differences can impact the order of installation. The directions provided will assist in removal and CORSA installation. Please contact a CORSA representative with any concerns.

Please confirm that all parts are present according to the bill of materials before beginning the installation.

If something is missing call Tech Support at 440.891.099 or Toll Free: 1.800.486.0999

[BILL OF MATERIALS LOCATED ON NEXT PAGE]

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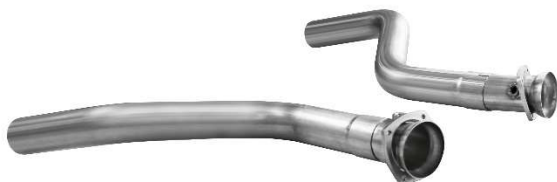
HEADER BILL OF MATERIALS

PART # 16022 (2016-2017 SS)

Long Tube Header (<i>Driver</i>)	1	Long Tube Header (<i>Passenger</i>)	1
Header Gasket	2	Stainless Cable Ties	7
Header Bolts	1	O2 Sensor Extension (<i>Front</i>)	1
Fiberglass Heat Wrap	1	Graphite Donut 3.0" Gaskets Kit 8 Top Lock Hex Nuts (5/16" x 18) 8 Allen Head Cap Screws (5/16" x 18 x 1 3/4")	

CONNECTION PIPES BILL OF MATERIALS

PART # 16027



Connection Pipe (*Driver QTY 1, Passenger QTY 1*)

Flare Connection Assembly with O2 (*QTY 2*)

HEADERS + CONNECTION PIPES

PART # 16122



Item 1: Long Tube Catless Headers Part Number: 16022

Item 2: CORSA Connection Pipes Part Number: 16027

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NOTE: This system was designed to connect to CORSA Double X-Pipe Part # 14788, CORSA Connection Pipes Part # 16027, and CORSA Cat-Back Part # 14770-14773. Tip color does not affect fitment. The need for additional modification and fabrication may arise. The vehicle owner assumes all responsibility for subsequent fitment issues.

CAUTION: Never work on a hot exhaust system. Allow the vehicle to cool for at least an hour and a half. Always wear eye protection when working under a vehicle. It is recommended to use cotton gloves in order to protect the stainless steel surface of the header from permanent grease and oil stains.

NOTE: Lift the vehicle using a hydraulic lift or jack and jack stands. A lift is strongly recommended because much of un/install is done from the underside.

REMOVAL INSTRUCTIONS

FACTORY MANIFOLD



1. Access the trunk of the vehicle. On the passenger side, locate the battery compartment.



2. Using a 10MM socket or wrench, disconnect the negative battery cable from the battery.



3. Unplug the air intake MAF sensor.



4. Using a flat screw driver, un-screw hose clamp from the air duct and remove from intake housing.

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REMOVAL INSTRUCTIONS

FACTORY MANIFOLD



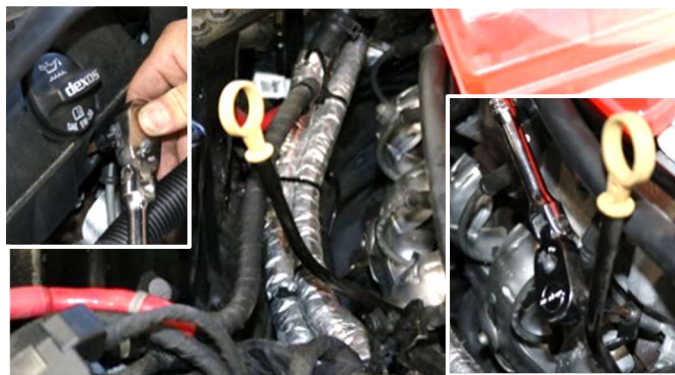
- 5.** Remove air intake box. Save for re-installation (**Install Step # 15**)



- 6.** To have better access to passenger side of the engine for removal of manifolds, using a 10MM socket or wrench, unbolt and move the coolant reservoir out of the way. It is not necessary to remove the rear hose from it, but you will need to remove the front hose. **NOTE:** Plug the front hose with a bolt and hose clamp. Put a rubber cap on the nipple of reservoir to prevent coolant loss and leaking during header installation.



- 7.** Remove driver and passenger side engine cover, save for re-installation (**Install Step # 13**).



- 8.** Using a T30 socket, remove all coil covers to gain access to spark plug wires and dip stick tube mounting bracket. Remove the coil covers, then plug wires and dip stick. Save for re-installation (**Install Step # 12**).



- 9.** After removing dip stick and coil covers, use a 10MM socket or wrench to remove upper manifold heat shield.

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REMOVAL INSTRUCTIONS

FACTORY MANIFOLD



- 10.** Use a 5/8 spark plug socket to remove all 8 spark plugs. Save for re-installation (**Install Step # 4 & 6**).
NOTE: May be easier to loosen and not remove manifold bolts at this time using a 13MM socket or wrench.

Using a floor jack and jack stands or car lift, safely lift and secure the vehicle to gain access underneath.



- 11.** Using a 13MM socket or wrench remove the center cross brace from vehicle, save for re-installation (**Install Step # 11**).



- 12.** Unplug and remove the front and rear O2 sensors using a 22mm open end wrench, or O2 sensor socket and ratchet.



- 13.** Make sure to mark O2 sensors driver or passenger, front or rear. Save for re-installation (**Install Step # 17**).

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REMOVAL INSTRUCTIONS

FACTORY MANIFOLD



14. Unbolt the exhaust from the front converters using a 15MM socket or wrench.



15. Unplug the actuators from the dual mode exhaust on both sides of the exhaust, remove factory hanger mounts, and remove the catback exhaust. Save for reinstallation (**Install Step # 10**).



16. Remove the support brace that is bolted to the catalytic converters on the bottom of the transmission using a 13MM socket or wrench. This brace is not needed for the Corsa Performance headers.



17. Using a 15MM socket or wrench, unbolt the catalytic converters from the factory manifolds.



18. Using 7MM and 10MM sockets or wrenches, remove all plastic covering from underneath the front of the vehicle. Save for re-installation (**Install Step # 9**).



19. Remove the aluminum K-member brace using a 15MM socket or wrench. Save for re-installation (**Install Step # 8**).

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REMOVAL INSTRUCTIONS

FACTORY MANIFOLD



- 20.** Using a 11MM socket or wrench unbolt the steering shaft at the top and slide it out of the shaft coming out of the steering column. Move out of the way to make extra room to unbolt the factory manifold. Take care to not turn the shaft as it could cause problems with steering, alignment, and the airbag.



- 21.** Use a 10MM socket or wrench to remove heat shield around the starter. Save for re-installation (**Install Step # 6**).



- 22.** Using a 13MM socket or wrench to remove the power wire and two starter bolts. Then remove the starter. Save for re-installation (**Install Step # 6**).



- 23.** Using a 13MM socket or wrench, remove factory manifolds.
NOTE: May be easier to remove the passenger side of manifold from the top of the engine bay.

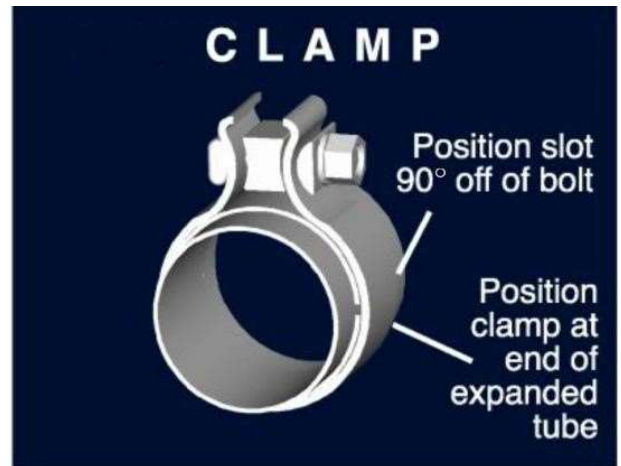
This concludes the removal of the factory exhaust manifolds.

WARNING! DO NOT SKIP THIS STEP!

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 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.

WARNING: CORSA Performance Headers are intended for off-road use only. Products are not legal for sale or use in the state of California, or in states that adopt California Air Resources Board emission standards.

NOTE: This instruction sheet assumes that the **CORSA Performance** Double X-Pipe (CORSA Part # 14788) and **CORSA** Connection Pipes (CORSA Part # 16027) are installed in conjunction with the CORSA long tube headers. May fit to other systems with modifications.

CORSA's warranty does not extend to damage or defect in the finish of a product or to any product that in the opinion of CORSA Performance, has been misused, damaged by accident or negligence, **altered** or **modified** in any way, faulty installation or installed contrary to CORSA Performance installation instructions, or repaired by an unauthorized service facility. Full warranty available on www.corsaperformance.com

NOTE: Individual vehicle variations and stock header differences can impact the order of installation. The directions provided will assist in removal and CORSA installation. Please contact a CORSA representative with any concerns.

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NOTE: This system was designed to connect to CORSA Double X-Pipe Part # 14788, CORSA Connection Pipes Part # 16027, and CORSA Cat-Back Part # 14770-14773. Tip color does not affect fitment. The need for additional modification and fabrication may arise. The vehicle owner assumes all responsibility for subsequent fitment issues.

CAUTION: Never work on a hot exhaust system. Allow the vehicle to cool for at least an hour and a half. Always wear eye protection when working under a vehicle. It is recommended to use cotton gloves in order to protect the stainless steel surface of the header from permanent grease and oil stains.

NOTE: Lift the vehicle using a hydraulic lift or jack and jack stands. A lift is strongly recommended because much of un/install is done from the underside.

INSTALLATION INSTRUCTIONS

CORSA EXHAUST



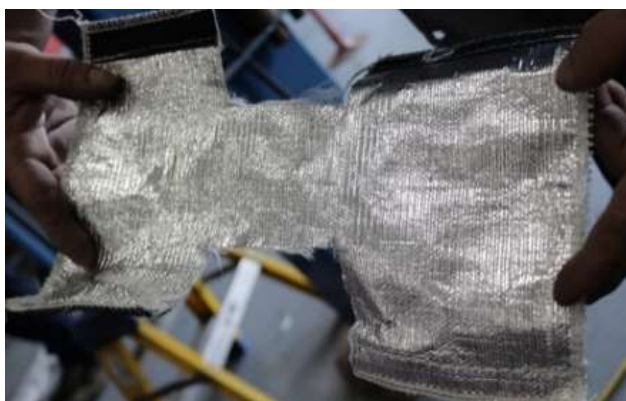
1. Before installing the headers, use the supplied heat wraps and stainless wire ties in a few areas. It's recommended to pre-cut the heat shield so it does not fit loosely around what you are wrapping.

2. Install heat wrap around the driver side front and rear O2 sensors wires.



3. Prepare each of the header bolts with anti-seize on the thread surface.

NOTE: This is a good time to install new, properly gapped sparkplugs.



4. On the driver side of the vehicle, install the header and header gasket with just a few bolts using a 12MM socket or wrench. Leave the header loose so the steering shaft can be easily reinstalled and heat wrapped. **PRO TIP: Reinstall this side's spark plugs before header is fully tight. From Removal Step 10.**

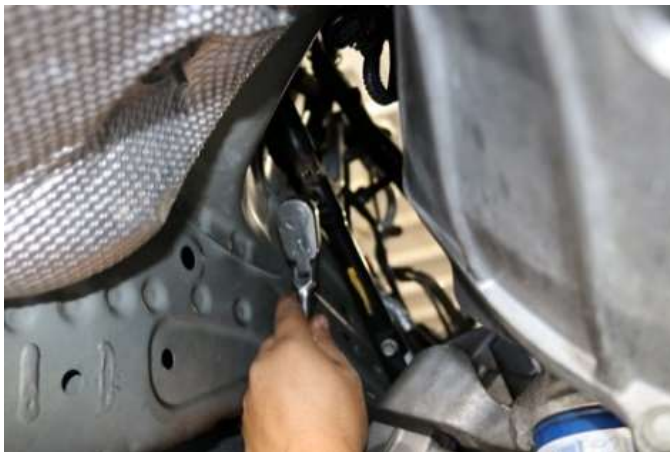
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INSTALLATION INSTRUCTIONS

CORSA EXHAUST



- 5.** On the passenger side of the vehicle, cut and install heat wrap and secure with stainless steel zip ties on the brake line located on the inner frame rail and wiring harness on top of the frame rail.



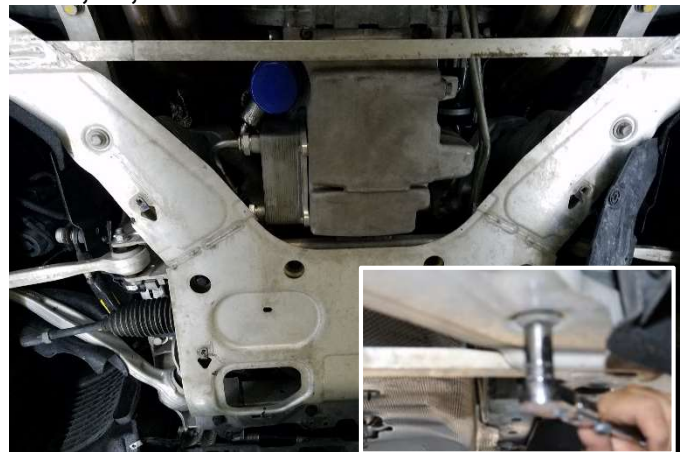
- 7.** Reconnect the steering shaft with a 11MM socket. **NOTE:** Make sure to use Loctite or similar on the steering shaft bolt. Tighten the bolts on the driver side header.



- 9.** Using a 7MM and 10MM sockets or wrenches, reinstall all plastic covering from underneath the front of the vehicle **From Removal Step 18.**
- 10.** Install the catback exhaust, hanger mounts, and reconnect the actuators from the dual mode exhaust on both sides of the exhaust **From Removal Step 15.**



- 6.** Install passenger side header using a 12MM socket or ratchet. **PRO TIP:** Reinstall starter, starter heat shield, and this side's spark plugs before header is fully tight. **From Removal Step 22, 21, & 10.**



- 8.** Reinstall the aluminum K-member **From Removal Step 19.**



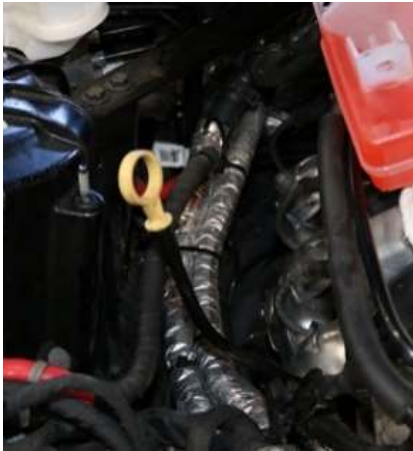
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INSTALLATION INSTRUCTIONS

CORSA EXHAUST



- 11.** Using a 13MM socket or wrench reinstall the center cross brace from vehicle **From Removal Step 11.**



- 12.** Reinstall the dip stick mounting bracket, dipstick, and plug wires. Then using a T30 socket, reinstall all coil covers **From Removal Step 8.**



- 13.** Reinstall driver and passenger side engine cover **From Removal Step 7.**



- 14.** Using a 10MM socket or wrench, reinstall the coolant reservoir. Make sure to remove your plug and reconnect the front hose. **NOTE: Check coolant level and fill as appropriate.**

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INSTALLATION INSTRUCTIONS

CORSA EXHAUST



15. Reinstall air intake **From Removal Step 5**. Make sure to tighten the clamps on the air ducts.



16. Plug in the air intake MAF sensor.



17. Reinstall both front o2 sensors on the correct side per your label **From Removal Step 13**. Tighten using a 22mm open end wrench or O2 sensor socket and ratchet. Connect the sensor to the vehicle harness.



18. Once the headers are installed, you will move on to the intermediate pipes to connect the collector on the header to the cat back system. Slide a clamp over the bent pipe and insert one of the flared adapters into the expanded end. The o2 bung should be pointing towards the center of the vehicle. Repeat for the other side. **NOTE:** This installation was done on a vehicle already equipped with a Corsa Performance catback exhaust. Fitment may vary if connecting to a different exhaust and buyer assumes all fabrication responsibilities, costs, etc



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INSTALLATION INSTRUCTIONS

CORSA EXHAUST



- 19.** Slide a clamp onto the front of the crossover pipe with the hardware towards the outside of the car with the nut on the bottom. Slide the non-expanded end into the front of the crossover pipe. Repeat with the other side



- 20.** Make sure that the donut gasket is on the header, then mate the ball flanged end to it. Take care as the donut gaskets can be easily damaged if the flared adapter does not line up properly. Secure them with the bolts and nuts, hand tight. Next, with a 1/2" socket and wrench, tighten them in a cross pattern so that they clamp down evenly onto the donut gasket. Using a torque wrench, tighten them to 15 ft-lbs.



- 21.** Snug the clamps at the front and back of the intermediate pipe. Check the alignment and make sure that the pipe is not hanging very low or touching any cross braces or heat shields. Make sure that the crossover pipe is not crooked either, then tighten the clamps from the header back to the crossover pipe.

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INSTALLATION INSTRUCTIONS

CORSA EXHAUST



- 22.** Re-install the o2 sensors into the bungs. Tighten using a 22mm open end wrench or O2 sensor socket. Make sure that you have the correct sensors in the positions that you labeled them as when you removed them.



- 23.** Using a 10MM socket or wrench, reconnect the negative battery cable from the battery.

- 24.** Close the battery compartment

- 25.** Check everything over again. Make sure that all of the items such as spark plugs and wires, dip stick, and engine covers are reinstalled. Check that the adapter pipes are not sitting too close to the ground, make sure there are no gaps between the header and adapters, and make sure all of the clamps and bolts are tight.

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.

NOTE: It is strongly suggested that all clamps be checked and tightened after road testing the vehicle once the system has cooled.