

2020+ Chevrolet Corvette C8

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:

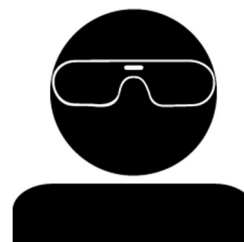
CALL TECHNICAL SUPPORT: 440.891.0999 or 800.486.0999

**TO ACTIVATE YOUR WARRANTY GO TO:
[CORSAPERFORMANCE.COM/WARRANTY](https://corsaperformance.com/warranty)**

COLOR INSTRUCTIONS ARE AVAILABLE BY PART NUMBER ON: [CORSAPERFORMANCE.COM](https://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

- 10mm deep socket
- 13mm deep socket
- 15mm deep socket
- T15 Torx Driver
- T40 Torx Driver
- 15mm Wrench
- Clip Removal Tool
- 1/4" Drive Ratchet
- 3/8" Drive Ratchet
- 7/8" O2 Socket
- 1/4" Drive Extension
- 3/8" Drive Extension (Long)
- Torque Wrench
- Safety Glasses

2020-2021 Chevrolet Corvette C8

Long Tube Headers: 1.875" Primary, 3.0" Collector
Part #: 16334, 16034, 16234



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 installation to This system was designed to connect to connect to the Corsa Performance Corvette C8 cat-back or the stock cat-back system. 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]



HEADER BILL OF MATERIALS

PART # 16034

99HK4014 – Headers (Pair)	1	AC009 – Protect A Boot Kit	1
99HK7111 – Hardware Kit	1		

CONNECTION PIPES BILL OF MATERIALS

PART # 16234



- Item 1:** Driver Side Cat Adapter Part Number: 16CG4063
- Item 2:** Passenger Side Cat Adapter Part Number: 16CG4064
- Item 3:** Hardware Kit Part Number: 16CG7012

HEADERS + CONNECTION PIPES

PART # 16334



Box 1: Long Tube Catless Headers Part Number: 16034

Box 2: CORSA Catted Connection Pipes Part Number: 16234

2020-2021 Chevrolet Corvette C8

Long Tube Headers: 1.875" Primary, 3.0" Collector

Part #: 16334, 16034, 16234



NOTE: This system was designed to connect to the Corsa Performance Corvette C8 cat-back or the stock cat-back system. 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.

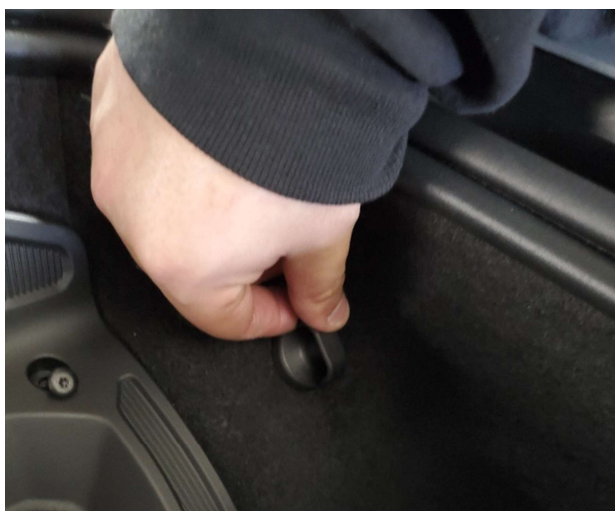
CAUTION: Never work on a hot exhaust system. Allow the vehicle to cool for at least an hour and a half. Always wear eye protection when working under a vehicle. It is recommended to use cotton gloves in order to protect the stainless steel surface of the header from permanent grease and oil stains.

NOTE: Lift the vehicle using a hydraulic lift or jack and jack stands. A lift is strongly recommended because three (3) feet or more is needed to access the flange mounting connection at the cat outlets.

REMOVAL INSTRUCTIONS

FACTORY MANIFOLD

NOTE: Refer to INS5420 for instruction on removal of the C8 cat-back system first. This instruction assumes the cat-back system has already been removed.



1. Under the hood, locate the (2) hooks as shown above. Twist to remove them. Keep for re-install step 21.



2. Using a T15 torx head screwdriver, remove the (4) screws holding the plastic pieces as shown. Then remove the plastic pieces. Keep for re-install step 20.



3. Using a clip remover tool, remove the (2) clips per side holding the carpet in the trunk. Keep for re-install step 19.

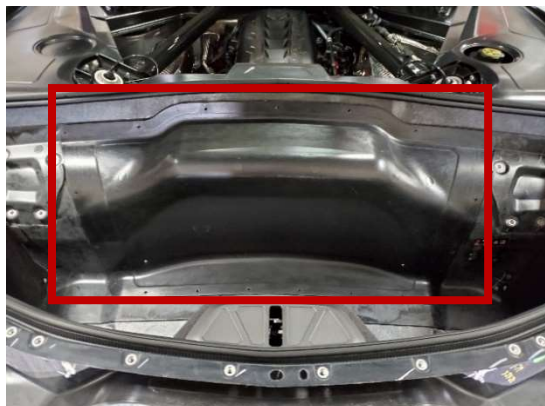


4. Remove the entire carpet section and set away for re-install step 19.

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REMOVAL INSTRUCTIONS

FACTORY MANIFOLD



- 5.** This is the section without the carpet. Step 6 is focused on the area shown inside the box.



- 6.** Using a T15 torx head screwdriver, remove the screws as shown. Keep for re-install step 18.



- 7.** Once the section is removed, you will have access to the air box.



- 8.** Starting underneath the vehicle. Using a long extension and a 13mm socket, remove the bolts holding the hanger to the factory cat assembly. Repeat for both sides.



- 9.** Going topside again, using a T40 torx head, remove the bolts holding the cross bracing. Keep this for install step 16.



- 10.** Before pulling the brace, use a clip remover or screwdriver to remove harness clip. Repeat steps 9 and 10 for both sides.

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REMOVAL INSTRUCTIONS

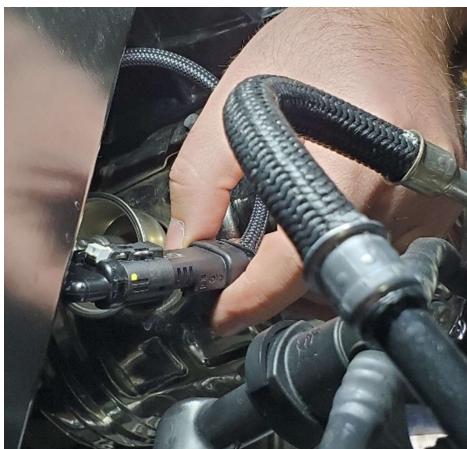
FACTORY MANIFOLD



- 11.** Using a 10mm socket and ratchet, remove the bolts holding the heat shields over the headers.



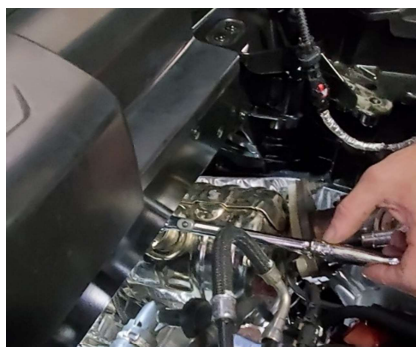
- 12.** Remove the heat shield and set aside to be reused in install step 9. Repeat steps 11 and 12 for both sides.



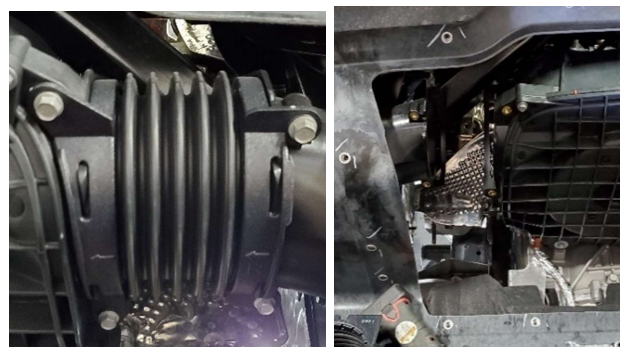
- 13.** Unplug all the O2 sensors from on both sides. Label the sensors by where they were removed from. There should be 4 sensors total.



- 14.** Use a 7/8" O2 socket and ratchet to remove the O2 sensor from the factory manifold. Keep for Install Step 10.



- 15.** Use a 7/8" O2 socket and ratchet to remove the O2 sensor from the factory cat. Keep for Install Step 6.

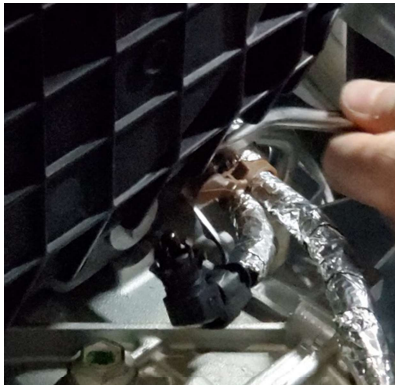


- 16.** On both sides of the intake box, use a 10mm socket to remove the flex connections.

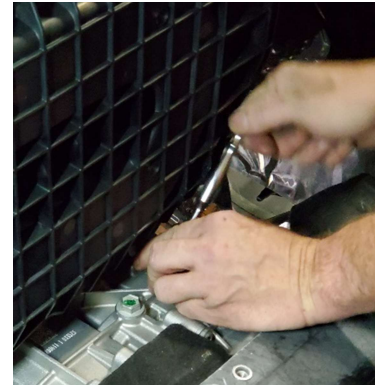
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REMOVAL INSTRUCTIONS

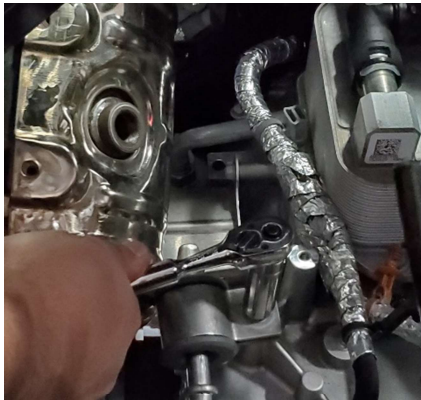
FACTORY MANIFOLD



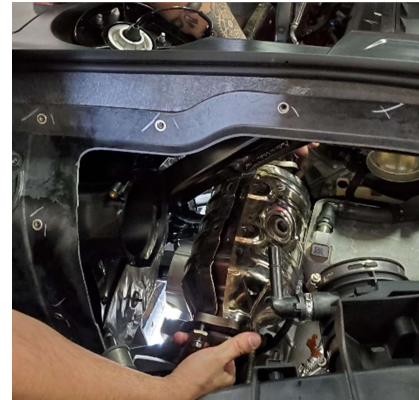
- 17.** Using a clip remover, remove the clip holding the harness on the bottom of the air box.



- 18.** Using a 10mm socket and ratchet, remove the (2) bolts in front and (2) bolts in back holding the air box in place. Then remove the air box.



- 19.** Using a 13mm socket and ratchet, remove the single bolt holding the cat hangers to the frame. Repeat for both sides.



- 20.** Using a 15mm socket and ratchet, remove the (3) nuts holding the cats to the exhaust manifolds. Then remove the cat. Repeat for both sides.

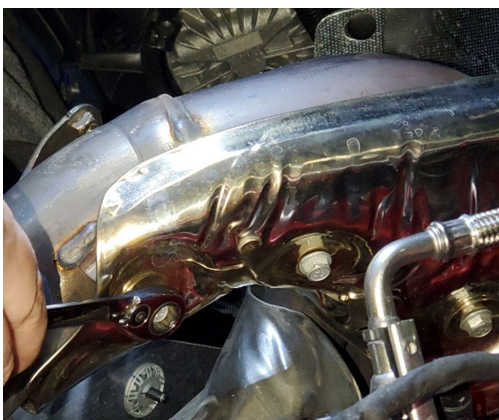
- 21.** Make sure to keep both cat inlet gaskets (metal rings) and the driver side outlet gasket (donut style). They will be re-used in the new kit.

If you are installing Corsa Headers, proceed to the removal steps on the following page. Otherwise, move to the installation section.

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REMOVAL INSTRUCTIONS

FACTORY MANIFOLD



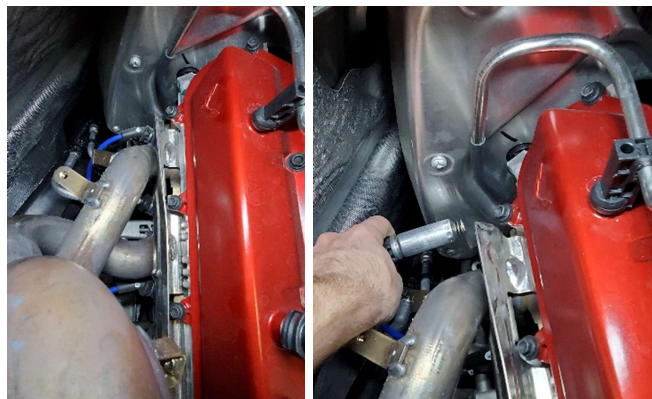
22. Using a 10mm wrench, remove the 3 bolts holding the top heat shield on. Then remove the shield.



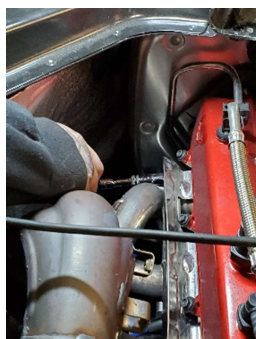
23. Use a 10mm wrench to remove the 3 bolts holding the middle shield. Then remove the shield.



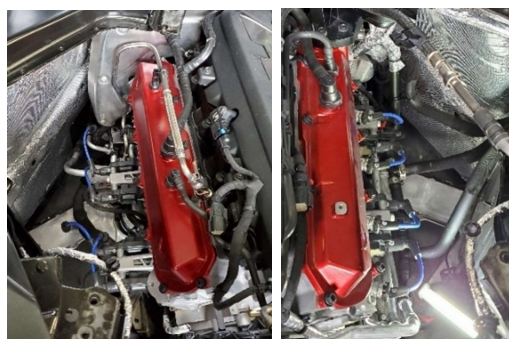
24. Use a 10mm wrench to remove the 2 bolts holding the bottom heat shield on. Then remove the shield.



25. Unplug the spark plug wires from the plugs. Make sure to label where they came from.



26. Use a 1/2" Socket and wrench to remove the 5 bolts holding the manifold on.



27. Remove the header and gasket. The gasket will not be re-used. Repeat steps 22-27 for both sides.

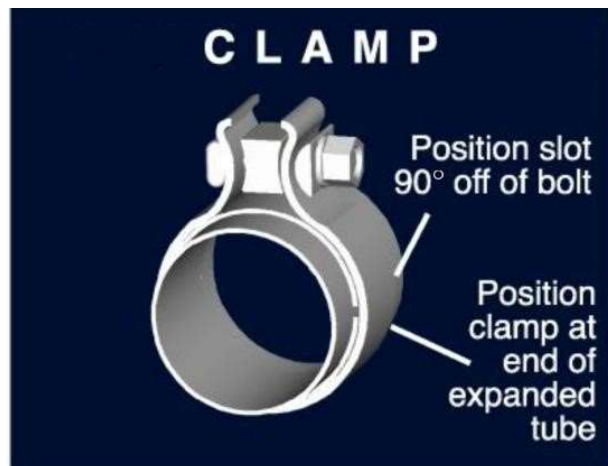
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WARNING! DO NOT SKIP THIS STEP!

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.

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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.

NOTE: This system was designed to connect to the Corsa Performance Corvette C8 cat-back or the stock cat-back system. The need for additional modification and fabrication may arise. The vehicle owner assumes all responsibility for subsequent fitment issues.

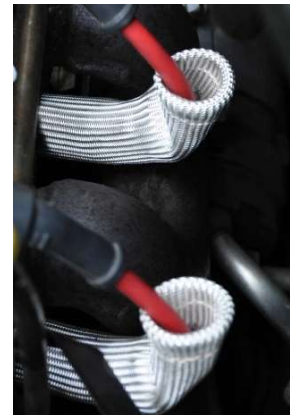
CAUTION: Never work on a hot exhaust system. Allow the vehicle to cool for at least an hour and a half. Always wear eye protection when working under a vehicle. It is recommended to use cotton gloves in order to protect the stainless steel surface of the header from permanent grease and oil stains.

NOTE: Lift the vehicle using a hydraulic lift or jack and jack stands. A lift is strongly recommended because three (3) feet or more is needed to access the flange mounting connection at the cat outlets..

INSTALLATION INSTRUCTIONS

CORSA EXHAUST

NOTE: If you are installing Headers, then begin with Install Step 1. If you are only installing high flow cats, then skip to Install step 3.



- 1.** Using the provided hardware and gaskets, bolt the header to the head. The heat shielding is not re-used. Follow the factory torquing specification and procedure. Repeat for both sides.
- 2.** Install the plug heat shields over the spark plug boots. Then plug all the spark plugs back in.



- 3.** Install the inlet studs on both cats. The inlets require (3) M10 x 42mm studs on each cat.
- 4.** Install the studs on the outlet sides. 16CG4063 uses (2) M10 x 62mm on the outlet side.

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INSTALLATION INSTRUCTIONS

CORSA EXHAUST



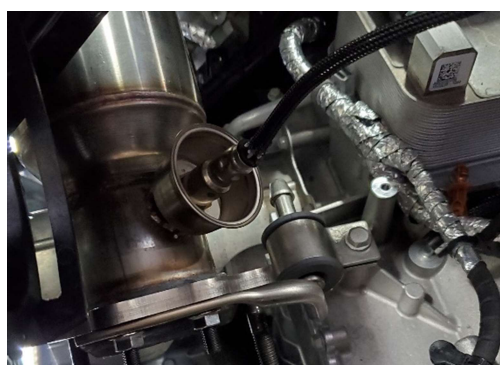
- 5.** 16CG4064 uses (3) M8 x 35mm on the outlet side



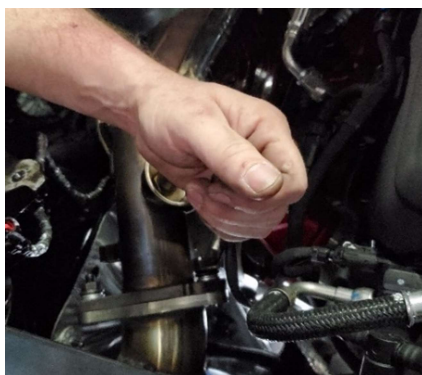
- 6.** Install the O2 sensor as shown. Torque to factory specifications. Make sure they are on the same side as removed. Repeat for both sides.



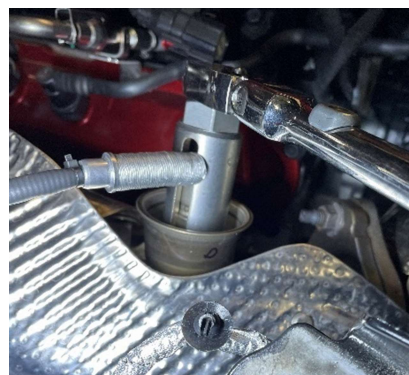
- 7.** Install the new cats in their place. Secure to the manifold or header with 15mm nuts. Snug the nuts.



- 8.** Install the hanger to the cat and frame using 13mm bolts provided and the 10mm bolts saved from uninstal step 19. Hand tighten.



- 9.** Using a 15mm wrench, tighten the flange bolts. Then torque all the flange bolts and hanger bolts to factory specifications. Repeat steps 7-9 for both sides.



- 10.** Reinstall the O2 sensors into the headers or exhaust manifolds. Torque to factory specifications

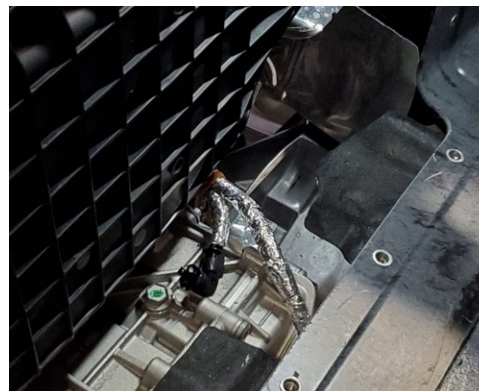
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INSTALLATION INSTRUCTIONS

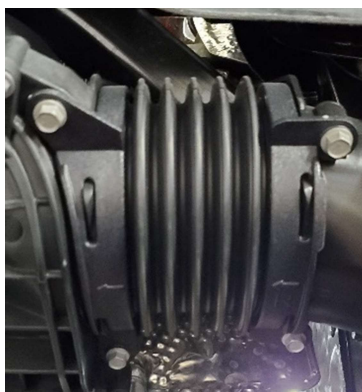
CORSA EXHAUST



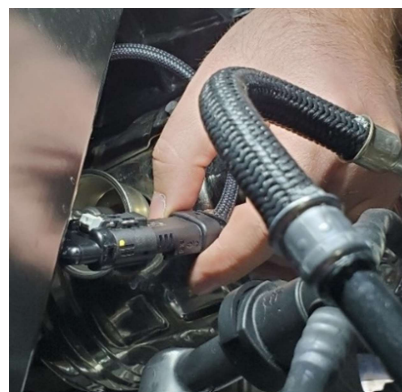
11. Replace the air box from removal step 18. Using a 10mm socket and torque wrench tighten the bolts to the factory torque specification holding the air box in place.



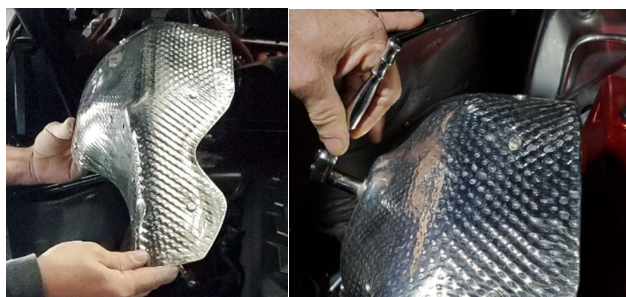
12. Re-install the harness clips to the airbox.



13. On both sides of the intake box, use a 10mm socket to re-install the flex connections from removal step 16. Tighten to factory torque specifications.



14. Plug the all the O2 sensors back into the harness. Into their correct locations



15. Reinstall the heat shield from removal steps 11-12. Use a 10mm socket and ratchet to tighten the bolts. Repeat for the other side. *NOT USED WITH HEADERS.



16. Reinstall the cross brace from removal step 9-10, then using a T40 torx head, tighten the bolts to the factory torque specification.

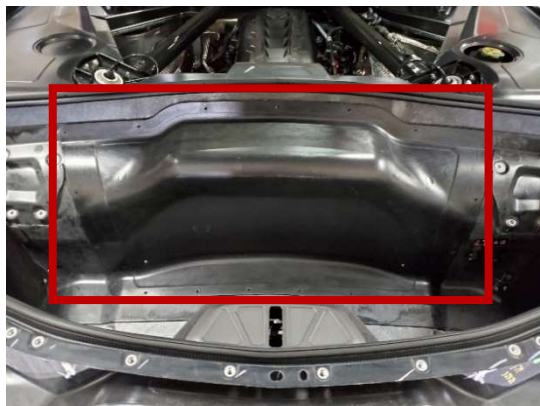
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INSTALLATION INSTRUCTIONS

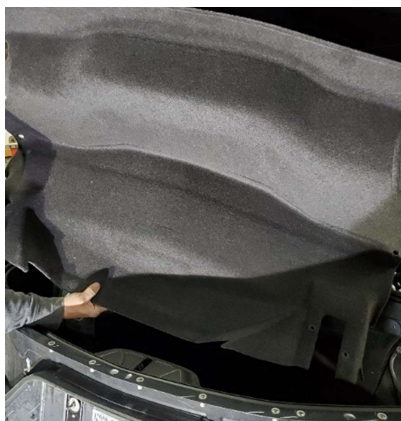
CORSA EXHAUST



17. Re-install the harness clip under the brace



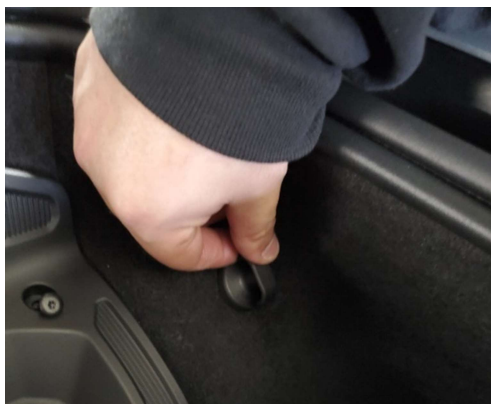
18. Re-install the piece shown from removal step 5-6. Use a T15 torx head for the bolts.



19. Re-install the entire carpet section from removal step 4. Secure with the clips from removal step 3.



20. Using a T15 torx head screwdriver, reinstall the plastic pieces from removal step 2.



21. Re-install the hooks from removal step 1.



22. Re-install the cat-back system. Refer to INS5420 for the process.

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2020-2021 Chevrolet Corvette C8

Long Tube Headers: 1.875" Primary, 3.0" Collector

Part #: 16334, 16034, 16234



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.