

2021+

Chevy Tahoe & Suburban
GMC Yukon & Yukon XL



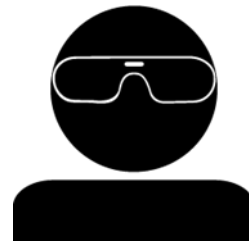
IMPORTANT! WARRANTY AND INSTALLATION INSTRUCTIONS

Please Forward All Information to End Consumer

Be sure to review the enclosed instructions prior to beginning the installation process.



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 Socket & Ratchet or Wrench
- 13mm Socket & Ratchet or Wrench
- 15mm Socket & Ratchet or Wrench
- Grommet Pulling Pliers or Similar
- Torque Wrench
- Small Flat Head Screwdriver

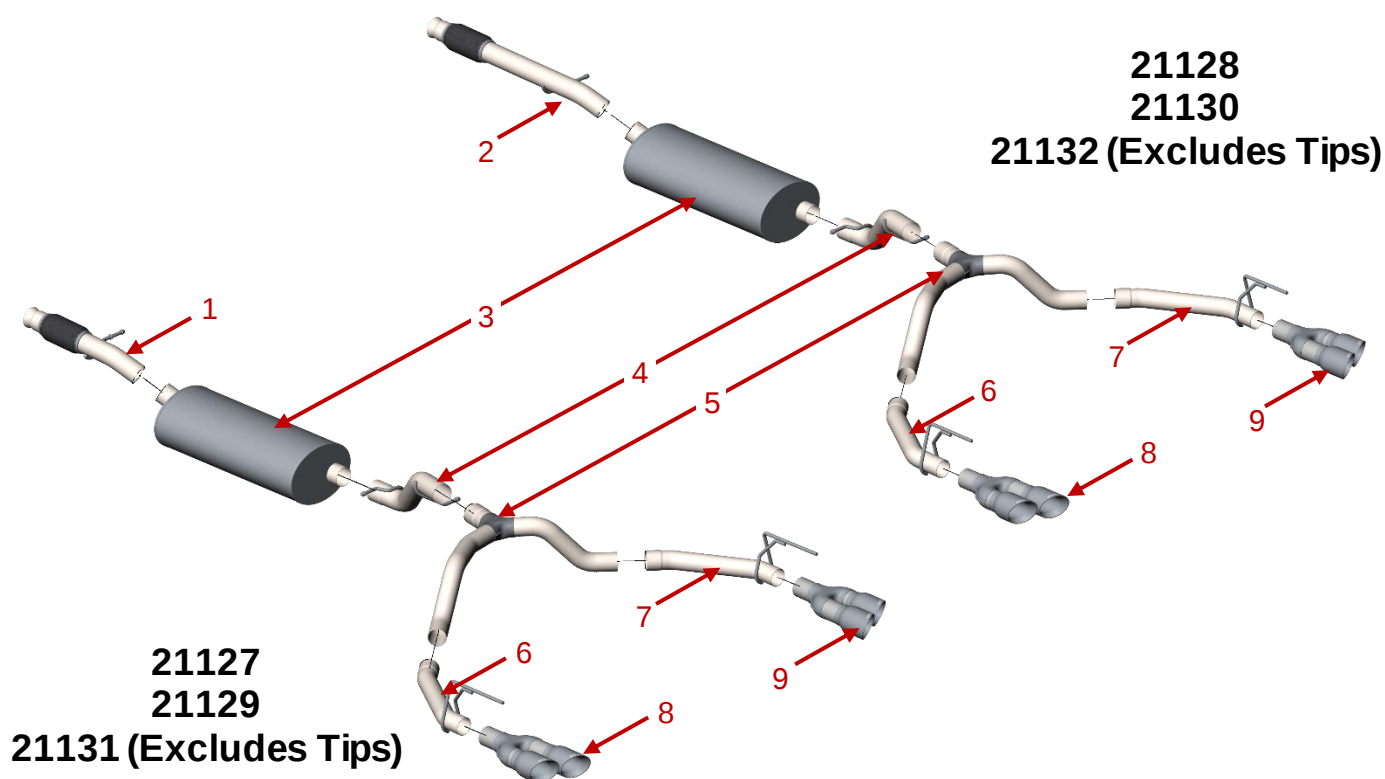
Please take time to read and understand these installation instructions.

CORSA recommends that the installation of this system be performed by a qualified service center or professional installer who has the necessary equipment, tools, and experienced personnel. However, if you decide to perform this installation yourself, the use of an additional person may be required.

WARNING: Never work on a hot exhaust system. Allow time for the vehicle to cool.
Always wear eye protection when working under a vehicle.

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.

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



Bill of Materials

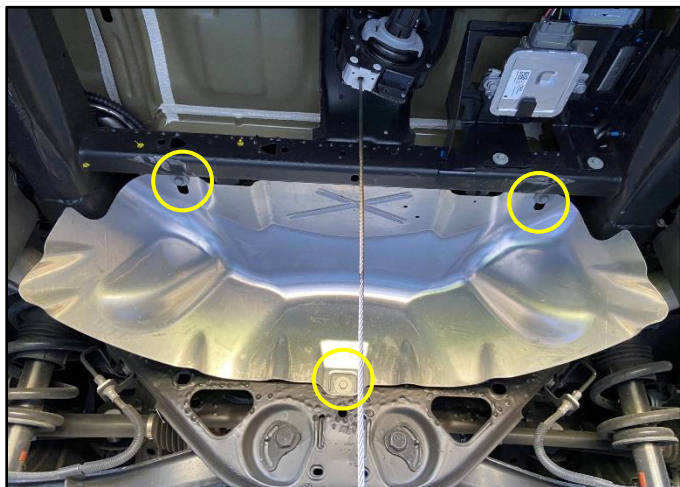
- | | |
|-----|--|
| 1. | Short Wheelbase (SWB) Head Pipe (16YD4113 – 5.3L/L84) (16YD4101 – 6.2L/L87) |
| 2. | Long Wheelbase (LWB) Head Pipe (16YD4117 – 5.3L/L84) (16YD4111 – 6.2L/L87) |
| 3. | Muffler (16YD2014 – 5.3L/L84) (16YD2017 – 6.2L/L87) |
| 4. | Mid-Pipe (16YD4115 – 5.3L/L84) (16YD4104 – 6.2L/L87) |
| 5. | Split Pipe (16YD4144 – 5.3L/L84) (16YD4143 – 6.2L/L87) |
| 6. | Driver Tail Pipe
(With Tips: 16YD4146 – SWB; 16YD4156 – LWB)
(For Factory Bezels: 16YD4131 – SWB; 16YD4129 – LWB) |
| 7. | Passenger Tail Pipe
(With Tips: 16YD4145 – SWB; 16YD4157 – LWB)
(For Factory Bezels: 16YD4130 – SWB; 16YD4128 – LWB) |
| 8. | Driver Tip Assembly (16YD3017 or 16YD3017BLK) (Not Included in Kits 21131 and 21132) |
| 9. | Passenger Tip Assembly (16YD3016 or 16YD3016BLK) (Not Included in Kits 21131 and 21132) |
| 10. | Hardware Kit (Not Shown) (16YD7055 – 5.3L/L84) (16YD7056 – 6.2L/L87) (16YD7057 – Factory Bezels) |
| 11. | Instructions (INS5423) (This Document) |

Removal Instructions

Factory Exhaust



1. Following the process in the Owner's Manual, lower the spare tire and set it aside in a safe place. It will be reinstalled in Installation Step 14.



2. Use a 13mm Socket & Ratchet or Wrench to remove the 3 Bolts, circled in the image, that attach the Heat Shield to the vehicle.

Keep the Shield and Bolts in a safe place. They will be reinstalled on Installation Step 13.



3. Use a 13mm Socket & Ratchet or Wrench to remove the 4 Bolts that attach the Anti-Sway Bar to the Frame. Keep the Bolts in a safe place. They will be reinstalled on Installation Step 12.

After the Bolts are removed, rotate the Anti-Sway Bar down so it is out of the way.

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Removal Instructions

Factory Exhaust



4. Use a 13mm Socket & Ratchet or Wrench to remove the 2 Nuts from Flange Connection between the Factory Front Section and the Stock Tail Pipes.

This connection is above the Rear Axle.



5. Locate the Hanger Mounts for the Tail Pipes. Use a 15mm Socket & Ratchet or Wrench to remove the Bolts. Then, rotate the Mounts to release them from the Frame.

Leave the Mounts on the Factory Tail Pipe Hangers and keep the Bolts in a safe place. They will be reinstalled on Installation Step 6.



6. Remove the Factory Tail Pipes and remove the Mounts from the Factory Tail Pipes. Be sure to keep track of which goes on the Passenger and which on the Driver side. Keep these in a safe place until they are reinstalled on Installation Step 6.

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Removal Instructions

Factory Exhaust



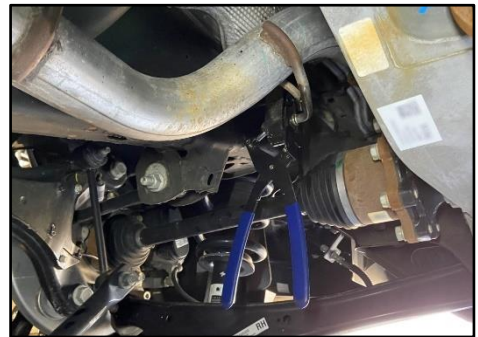
- 7.** Using a 13mm Socket & Ratchet or Wrench, loosen the Spherical Clamp on Head Pipe. The clamp is attached to the Factory Head Pipe and will be removed in Installation Step 1.



Head Pipe



Front Mid-Pipe



Rear Mid-Pipe

- 8.** Using Grommet Pulling Pliers or similar, remove the Head Pipe Exhaust Hanger, the Front Mid-Pipe Exhaust Hanger, and the Rear Mid-Pipe Exhaust Hanger from the respective Grommets. Rest the Factory Mid-Pipe Flange on the vehicle's Rear Crossmember.
- 9.** Next, pull back on the Factory Exhaust to release the connection at the Head Pipe until the Inlet and Flex Coupler can be pulled under the Crossmember. Then, bring the Factory Exhaust forward, under the Front Crossmember, and out from under the Vehicle. A second person may be needed to assist with this step.

This concludes the removal of the factory exhaust.

WARNING!!

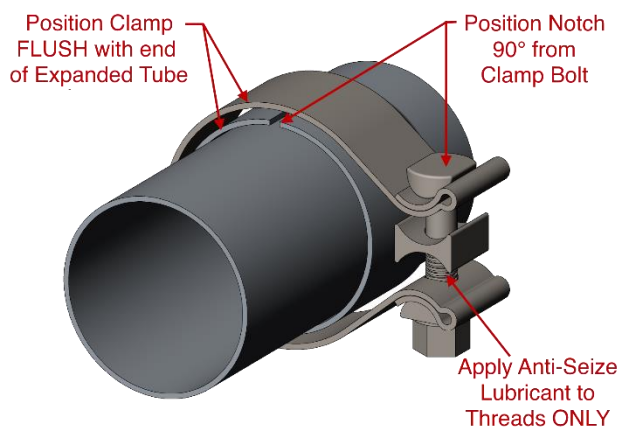
Apply the supplied Anti-Seize Lubricant to **ONLY** the threads of the clamps and flange bolts. Failure to follow this procedure can cause nuts to seize on clamps and potentially destroy the threads.

After applying anti-seize lubricant, be sure to thoroughly clean your hands. The Anti-Seize lubricant will tarnish stainless steel.

All clamps should be tightened using a properly calibrated Torque Wrench. Using an 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.

DO NOT SKIP THIS STEP

WARNING!!



PROTIP

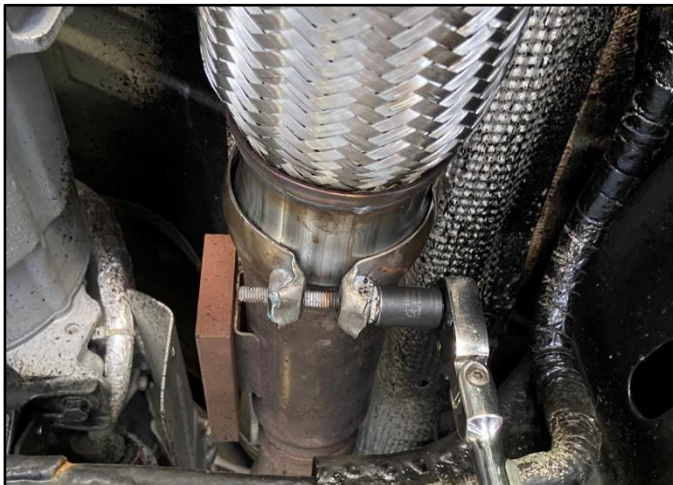
Before installing, make a line from the end of non-expanded side of the pipes and muffler that is 1 $\frac{5}{8}$ in on 2 $\frac{3}{4}$ in tubing, 1 $\frac{3}{4}$ in on 3in tubing, and/or 1 $\frac{1}{2}$ in for 3 $\frac{1}{2}$ in tubing. These are CORSA's nominal joint overlaps. This will help during final adjustment. Do not be alarmed if the overlap varies slightly when the installation is complete. Any differences are caused by manufacturing variances from vehicle to vehicle and exhaust to exhaust.

Install Instruction

CORSA Exhaust



1. Locate the Stock Exhaust, using a small Flat Head Screwdriver, pry the Locking Tab up to release the Spherical Clamp from the Factory Head Pipe. Install the Spherical Clamp onto the CORSA Head Pipe.



2. Slide the CORSA Head Pipe with previously installed Factory Spherical Clamp over the Connection on the Factory Exhaust Pipe. Press the Head Pipe Exhaust Hanger into the Grommet. Then, **SNUG** the Clamp with a 13mm Socket & Ratchet or Wrench.

DO NOT FULLY TIGHTEN at this time!



3. Install the CORSA Mid-Pipe by pushing the Front and Rear Mid-Pipe Exhaust Hangers into the corresponding Grommets. Note that the Inlet of the CORSA Mid-Pipe is the Expanded side.

Next, slide Exhaust Clamps (3in for 5.3L/L84 or 3.5in for 6.2L/L87) over the Inlet AND Outlet of the Mid-Pipe, and over the outlet of the Head Pipe.

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Install Instruction

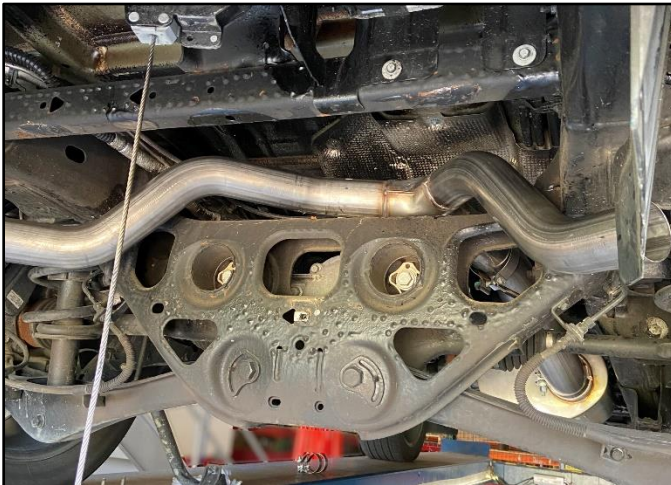
CORSA Exhaust



4. Lift the CORSA Muffler into position and slide the expanded inlet over the Head Pipe outlet. Then, while pushing the CORSA Mid-Pipe back, rotate the CORSA Muffler up. Slide the expanded Inlet of the Mid-Pipe over the outlet of the Muffler.

Confirm the joint overlaps and clearances to the vehicle, then **SNUG** the Clamps each side of the Muffler with a 15mm Socket & Ratchet or Wrench.

DO NOT FULLY TIGHTEN at this time!



5. Install the CORSA Split Pipe by positioning it above the vehicle's Rear Crossmember and over the Outlet of the CORSA Mid-Pipe. Both Outlet Pipes should have an approximate $\frac{3}{4}$ in vertical clearance to the Rear Crossmember. Adjust the clearance by rotating the Split Pipe Inlet on the Mid-Pipe Outlet.

Once the clearance is correct, **SNUG** the Clamp with a 15mm Socket & Ratchet or Wrench.

DO NOT FULLY TIGHTEN at this time!

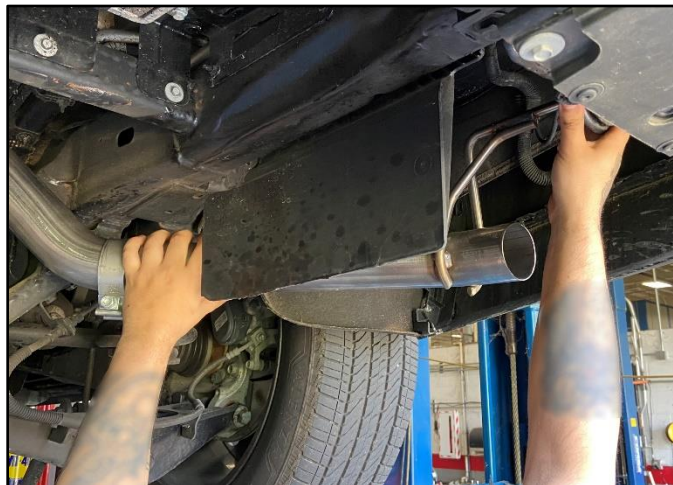
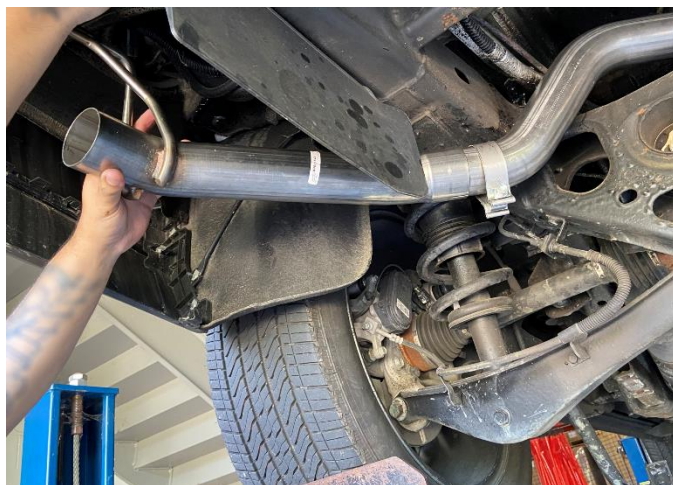


6. Locate the Hanger Mounts for the Tail Pipes and slide them onto the corresponding CORSA Tail Pipes. Next, slide a $2\frac{3}{4}$ in Clamp over the Inlet of CORSA Tail Pipe.

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Install Instruction

CORSA Exhaust



7. If installing Kits 21131 or 21132 (Factory Bezels), first slide the outlet of the CORSA Tail Pipes into the Factory Bezels. Then, for all Kits, slide the CORSA Tail Pipes Inlets over the CORSA Split Pipe Outlets. Then realign the Hanger Mounts with the Vehicle Frame. Ensure the Alignment Tab on the Hanger Mount is properly located in the slot of the Frame Mount. Start the Bolts from Removal Step 5 in the Holes. Next, **SNUG** the Tail Pipe Clamps with a 15mm Socket & Ratchet or Wrench.

DO NOT FULLY TIGHTEN at this time!



For Kits 21131 or 21132 (uses Factory Bezels), skip to Step 9.

8. Slide a 2 $\frac{3}{4}$ in Clamp over both Tail Pipe Outlets. Then, slide the Inlet of the CORSA Tip Assemblies over the Outlets of the Tail Pipes. Center the Tip Assemblies in the openings of the Bumper. The clearances around the Tips should be consistent side to side. Next, **SNUG** the Tip Assembly Clamps and Mounting Bolts with a 15mm Socket & Ratchet or Wrench

DO NOT FULLY TIGHTEN at this time!

Skip to Step 10

9. For Kits 21131 or 21132 (uses Factory Bezels), center the CORSA Tail Pipes in the Bezel Openings, and **SNUG** the Mounting Bolts.

DO NOT FULLY TIGHTEN at this time!

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Install Instruction

CORSA Exhaust

10. Starting at the Head Pipe, verify the all Hangers are properly in the Grommets, the Muffler is close to level, all connections are straight and there is proper clearance around the entire CORSA Exhaust and the Vehicle. Then starting at the Front Clamp, use a Torque Wrench to tighten the clamps to 45ft-lbs and the Factory Hanger Bolts to Factory specifications.

A second person may be needed to hold the components in the correct position while the clamps are being torqued.

11. If a Final Tip/Bezel adjustment is necessary to recenter the Tip assemblies in the Bumper openings or Tail Pipe Outlets in the Factory Bezels, loosen the Clamps on the Split Pipe to Tail Pipes connection, Clamps on Tip assemblies to Tail Pipe connection, or the Mounting Bolts for the Hanger. Once everything is adjusted, retorque the loosen Clamps to 45ft-lbs and the Factory Hanger Bolts to Factory specifications.
12. Rotate the Anti-Sway Bar up into position and reinstall the 4 Bolts that attach to the Frame. Use a 13mm Socket & Ratchet or Wrench and tighten the bolts to the factory recommended torque value.
13. Using a 13mm Socket & Ratchet or Wrench, reinstall the Factory Spare Tire Heat Shield using the 3 Factory Bolts. Tighten the bolts to the factory recommended torque value.
14. Reinstall the Spare Tire by following the instructions listed in the Vehicle's Owner Manual.

This concludes the installation of the CORSA Exhaust.

Before Road Testing

1. Start engine, leaving the transmission in park and/or securing the parking brake.
2. Make sure to look and listen for any unusual noises. Repair problems if needed.
3. 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.
4. It is strongly suggested that the alignment of the components be checked and all clamps re-torqued after road testing the vehicle and allowing the system has fully cooled.
5. 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.