



INSTALLATION INSTRUCTIONS FOR CATBACK EXHAUST FOR 09-15 CADILLAC CTSV SEDAN, WAGON AND COUPE

Thanks for purchasing A Stainless Works Catback Exhaust for your 09-15 Cadillac CTSV. We have gone to great pains to make sure that our exhaust systems fit and sound great. Please follow these steps to ensure that your installation goes as planned.

1. Stainless Works recommends the use of Hi-Temp RTV sensor safe silicon gasket maker as an option to or in conjunction with the use of factory gaskets. The recommended Oxygen Sensor Safe RTV is either Valco All-in-One Aluminum or Permatex Copper P/N 101BR available at NAPA, Autozone and other retailers.
2. Disconnect the battery before starting work on the exhaust system for your vehicle. Reconnect the battery when the job is completed.
3. Your exhaust system can be installed by a weekend warrior but the use of a lift is recommended for ease of installation. If using a jack, the vehicle must be placed on a level hard surface and jack stands are required for safety reasons.
4. You will assemble the components together as specified below, but only snug the clamps as you move along from front to back. When placing the X-pipe into position, make certain that you push it fully forward and level it in with the vehicle. After aligning all the components in the vehicle, you will tighten all the clamps working from front to back of the vehicle.
5. Raise and support the vehicle.
6. Disconnect battery.
7. Remove (2) 8 mm bolts in cross brace that runs under exhaust. Note that this cross brace will not be reused during installation of the 3" system.
8. Remove (4) 10 mm nuts (2 per side) from factory connection point behind catalytic converters.
9. Remove exhaust from rubber grommets.
10. Remove exhaust.

11. Install lead pipes to factory connection point using (4) 10 mm nuts removed earlier.
12. Install X-pipe to leads using (2) 3" clamps. Level the X-pipe. Note: This is a critical step as the X-pipe needs to be pushed all the way forward in the slip-fit connections, leveled (side to side) and centered in the channel!
13. Install tail pipes using (2) 3" clamps.

FOR SEDAN AND WAGON ONLY

14. Install mufflers into tails and hangers using (2) 3" clamps.

FOR COUPE ONLY

15. Install mufflers into hangers and onto tails using (2) 3" clamps.
16. Install tips using (2) 3" clamps.

FOR ALL VEHICLES

17. Make certain that the hangers at the end of the exhaust on the mufflers have at least $\frac{3}{4}$ " of clearance to the bumper. The exhaust will grow over $\frac{1}{2}$ " in length and can possibly damage the bumper. If the end of the hangers are too close to the bumper, then you must make sure that you have everything pushed forward onto the slip fit joints more fully, starting with the X-pipe.
18. Adjust and tighten system.
19. Reconnect battery.
20. Be sure to have adequate clearance around all wires, hoses and lines. **If anything is in contact with the exhaust system, it will melt.** Make sure to have at least $\frac{1}{2}$ " of clearance and wrap any suspect areas with DEI thermal barrier wrap.
21. After double checking for clearance and making sure all lines, wires and hoses are secured, drive the car for 10-20 miles and re-check all clamps and clearances. Your system may be tack welded at the joints/ clamps to reduce shifting of the system during heating and cooling cycles. Make certain to disconnect the battery before performing any welding.