



2010-15 Chevrolet Camaro SS, V8 – 6.2L Cat-Back Exhaust System w/ Mufflers Installation Instructions 51601FLT

Thank you for making FLOWTECH EXHAUST your choice in a high-performance exhaust system. Extensive dyno/track testing has enabled FLOWTECH to offer the most advanced design in exhaust systems. The installation, while not complex, will take a certain amount of time. However, the additional horsepower and improved performance will more than justify your efforts. Proper installation and maintenance will ensure long life and maximum performance from your FLOWTECH Cat-Back exhaust system.

BEFORE STARTING:

Your vehicle must be raised a minimum of 18 inches. A floor hoist is ideal. If no hoist is available, we strongly urge the use of axle stands as a safety measure. Please read these instructions in their entirety before attempting installation.

CAUTION! WORK ONLY ON A LEVEL SURFACE. USE JACKS /JACK STANDS OF SUFFICIENT CAPACITY TO LIFT AND SUPPORT YOUR VEHICLE. NEVER WORK UNDER A VEHICLE SUPPORTED BY A FLOOR OR BUMPER JACK.

PARTS INCLUDED & RECOMMENDED TOOLS:

| Qty. | Description |
|------|---------------------------------------|
| 1 | Left Side Front Cat-Pipe Extension |
| 1 | Right Side Front Cat-Pipe Extension |
| 1 | X-Pipe Assembly |
| 1 | Installation Instructions |
| 1 | Left Side Intermediate Pipe Assembly |
| 1 | Right Side Intermediate Pipe Assembly |
| 1 | Left Side Muffler Assembly |
| 1 | Right Side Muffler Assembly |

| Tools Needed: |
|----------------------------|
| 3/8" or 1/2" Socket Wrench |
| File |
| Floor Jack |
| 7mm & 15mm Sockets |
| Jack Stands |

WARNING: Never work on a hot exhaust system! Serious injury in the form of burns can result if the vehicle has been in use and the exhaust system is hot, allow vehicle to cool for at least 1 hour. Always wear eye protection when working under any vehicle. It is our recommendation that you use a hoist or hydraulic lift to facilitate the installation of your new FLOWTECH Cat-Back exhaust system taking all under car safety precautions. Once this has been done, you may begin the removal of your old exhaust system from your vehicle. **Read these instructions prior to installation.**

WARNING: Use extreme caution during installation. Torque all fasteners according to manufacturer's torque values and tightening sequence. DO NOT use air impact tools to tighten fasteners on FLOWTECH Cat-Back exhaust systems. Use of such tools may result in bent flanges or gasket contact areas leading to exhaust leaks.

INSTALLATION:

1. Place the vehicle on a flat surface, set the parking brake, and block the front wheels.
2. **Disconnect the negative cable from the vehicle battery.**
3. Lift the rear of the vehicle and secure on jack stands.
4. Remove the OEM exhaust assembly.
5. Place removed OE exhaust system on the ground and using this as a reference, arrange components of new cat-back exhaust system.
6. Using the factory band clamps (removed from the front pipes), place this clamp over the expanded end of the R/H front pipe and fit on right-side cat-pipe.
7. Repeat for the L/H Front pipe as well.

8. Place a clamp over each end of X-Pipe assembly and fit into R/H front pipe.

NOTE: DO NOT TIGHTEN THE CLAMPS.

9. Repeat for the L/H front pipe of X-pipe assembly. Verify orientation of X-pipe assembly with curvature of the OEM system.

10. Place a clamp over the expanded end of R/H intermediate pipe assembly and set it into position making sure to install the hangers into the rubber isolators.

NOTE: DO NOT TIGHTEN THE CLAMPS.

11. Repeat for L/H intermediate pipe assembly.

12. Install OE cross-brace support using original hardware.

13. Assemble R/H rear muffler assembly making sure to install the hangers into the rubber isolators and at mufflers.

14. Repeat for the L/H rear muffler assembly.

15. Check your exhaust system for proper clearance under the vehicle and also for tip alignment.

16. Once tip alignment has been achieved and pipe position has been determined to be correct, tighten the clamp to 32-35 ft./lbs. making sure the clamps openings are not over any of the notches in the pipes.

17. Once position has been determined to be correct, tighten the clamp to 32-35 ft/ lbs. making sure the clamps openings are not over any of the notches in the pipes.

18. Remove the jack stands and lower the car.

19. Re-connect the battery and remove the block from wheels.

20. Before starting your vehicle, make sure to check all wires, hoses, brake lines, body parts and tires for safe clearance from the exhaust system.

21. Start vehicle and check for any leaks. If any leaks are found, determine cause (such as loose hardware or incorrectly positioned clamp) and repair as necessary.

22. After approximately 150 miles of driving, re-check and tighten all bolts and clamps.

23. ENJOY YOUR FLOWTECH Cat-Back exhaust!