



**2010-13 Chevrolet Camaro SS, V8 – 6.2L,
409SS Axle-Back Exhaust System w/ Mufflers & 304SS Tips
Installation Instructions
51604FLT**



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 Axle-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:

- (1) Left Side Axle-Back Exhaust
- (1) Right Side Axle-Back Exhaust
- (2) 2-1/2" Clamps
- (6) Hanger Keepers

RECOMMENDED TOOLS:

3/8" or 1/2" Socket Wrench	Sockets	Reciprocating Saw
File	Tape Measure or Ruler	Spray Lube
Floor Jack	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 Axle-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 instructions prior to installation).

WARNING: Use extreme caution during the installation. Torque all fasteners according to manufacturer's torque values and tightening sequence. DO NOT use air impact tools to tighten fasteners on FLOWTECH Axle-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 muffler assembly by cutting the mid pipes 7" forward from the ends of the hanger rods near the rear end housing. **NOTE:** Some vehicles require this cut to be 9-1/2" forward from the hanger rods, but we recommend starting at 7" and checking to see if additional pipe needs to be removed. Leaving a little extra pipe is good insurance, as you can always trim it later or grind it square if the cuts are not straight. Protect the chassis and differential from the saw blade.
5. Spray the OEM exhaust hanger isolators with lube and remove the (x2) 7mm screws that hold the rear valance to the lower quarter panel. Unsnap the catches and pull the valance back slightly to access the isolators.
6. Remove the isolators at the muffler and the differential. Pull out the muffler.
7. Remove any sharp edges on the cut tubing. Install the supplied clamp over the OEM pipe on the car. Bolt to the inside.
8. Install the FLOWTECH Axle-Back exhaust assembly through the rear valance and slide the slip joint over the OEM pipe. Position the clamp at the edge of the tube and lightly tighten the clamp.
9. Lube the isolators and reinstall them by sliding the isolators over the hangers on the car and exhaust at the same time. Tighten the clamp enough to hold the position after aligning the tips. Tighten the clamp securely after the alignment is made.
10. Install hanger keepers onto the hangers. This will prevent them from sliding out of the rubber mounts.
11. Reinstall the valance and attachment screws. Check for alignment at the tailpipe.
12. Remove the jack stands and lower the car.
13. Connect the battery and remove the block from the wheels.
14. Start the vehicle and check for leaks and loose hardware.
15. After approximately 150 miles of driving, re-check and tighten all bolts and clamps.
16. ENJOY YOUR FLOWTECH Axle-Back exhaust!

NOTE: It is normal for this Axle-Back Exhaust System to emit smoke for the first few minutes during break-in period.

LIMITATION OF LIABILITY – DISCLAIMER:

The regulation of emissions production, noise levels, and safety standards is undertaken by the federal government, each of the fifty state legislatures, and by many local municipalities, towns, and counties.

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