



## 1984-1985, 1986-1991 & 1992-1996 C4 Chevrolet Corvette 5.7L V8 Axle-Back Exhaust System Installation Instructions

**11541FLT (1984-1985)**

**11542FLT (1986-1991)**

**11543FLT (1992-1996)**



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 36 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.**

### INCLUDED HARDWARE:

Qty.	Description	Tools Needed:	
1	Driver's Side Muffler Assembly	Spray Lube (WD40®) or equivalent	13-15 mm Wrench
1	Passenger's Side Muffler Assembly	3/8" Socket Wrench	3/8" Universal
2	Exhaust Clamps	6" 3/8 Drive Extension	
1	Installation Instructions	13-15mm Deep Socket	

### INSTALLATION:

1. Disconnect the negative cable from the vehicle battery.
2. Lift the rear of the vehicle and secure on jack stands.
3. Loosen the left and right side OE ball and socket connection clamps securing the OE mufflers to the mid pipe.
4. Remove the (x3) head bolts securing the left side muffler isolation mount bracket to the chassis.

**NOTE: Set these parts aside as they will be re-used.**

5. Slide the left OE muffler off the rearmost isolation mount and remove OE muffler.

6. Remove the (x2) head bolts securing the right side muffler isolation mount bracket to the chassis.

**NOTE: Set these parts aside as they will be re-used.**

7. Slide the right OE muffler off the rearmost isolation mount and remove the OE muffler.

8. Slide the left and right side isolation mount brackets off the OE mufflers and transfer onto the left and right side FLOWTECH Axle-Back Mufflers.

9. Using the original (x3) head bolts, rear isolation mount, and (x1) supplied exhaust clamp, secure the driver's side FLOWTECH Axle-Back Muffler back on the vehicle, but do not tighten the exhaust clamp.

10. Using the original (x2) head bolts, rear isolation mount and (x1) supplied exhaust clamp, secure the passenger's side FLOWTECH Axle-Back Muffler back on the vehicle, but do not tighten the exhaust clamp.

11. Align the left and right side tips to your desired position. Tighten both the left and right side exhaust clamps to 32-35 ft./lbs.

12. Re-check your work looking for proper clearance under the vehicle. Make sure to check all wires, hoses, brake lines, body parts and tires for safe clearance from the exhaust system.

13. Remove jack stands and lower vehicle.

14. Reconnect the battery, start the engine, and check for leaks. If any leaks are found, determine the cause (such as a loose or incorrectly positioned clamp) and repair as necessary.

15. After 150 miles, re-check and tighten all bolts and clamps.

**NOTE: Upon initial start of your vehicle after installation of your new FLOWTECH Axle-Back Exhaust System, it is normal for the Axle-Back Exhaust System to emit smoke and fumes for the first few minutes during break-in period. This is due to a protective oil based coating used in the manufacturing of mandrel bent exhaust tubing. This is not a problem and will disappear within a very short period of time after the exhaust has reach normal operating temperatures.**

#### **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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Unless expressly stated to the contrary in the catalog, instruction sheet; or price list, the entire risk as to the conformity of any company product in any such state and as to repair should the product prove to be defective or non-conforming, is on the retail purchaser, the buyer, the ultimate consumer, of such product and it is not upon the seller, distributor, or manufacturer.

In this connection, the retail purchaser, the buyer, the ultimate consumer assumes the burden of the entire cost of any and all necessary service, alterations, or repair.