



**1997 - 2004 C5 Corvette 2.5"
X-Pipe P/N 11144FLT
Installation Instructions**



Note: Designed to fit with P/N 11145FLT FLOWTECH Axle-Back Exhaust Kit

BEFORE GETTING STARTED:

Your vehicle must be raised at least 18-24 inches off the ground. 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 /JACKSTANDS OF SUFFICIENT CAPACITY TO LIFT AND SUPPORT YOUR VEHICLE. NEVER WORK UNDER A VEHICLE SUPPORTED BY A FLOOR OR BUMPER JACK.

Recommended Tools:		System Contents:		Torque Settings:
		Qty.	Description	
Chain Cutter	Ruler (straight-edge)			2.5" Band Clamps – 45 ft./lbs.
9/16" socket	Socket wrench (3/8" drive)	1	X-Pipe assembly	Over-Axle Pipe Flange Bolts – 40 ft./lbs.
9/16" wrench	Socket wrench extension 6"	2	Band clamps	
13mm & 15mm socket	Rubber Mallet	2	Flange gaskets	Center Hanger Bracket – 10-12 ft./lbs.
5/16" Allen wrench	Sandpaper or file	4	Stainless bolts	
Black marking pen	Torque wrench	4	Flange nuts	
Tape measure				

1. Locate the catalytic converter pipe bracket that mounts to the transmission housing. This will serve as the point from which to make your measurements to determine the required cutting points.
2. Begin measuring by placing your tape measure on the front edge of the bracket and running the tape measure along the DRIVER'S SIDE pipe towards the rear of the car. At approximately 30.75" - 31.50", mark the pipe.
3. Repeat the process for the PASSENGER'S SIDE pipe and marking the pipe at 29.75" - 30.25" inches.
4. For confirmation, take X-pipe being installed and layover existing OEM H-Pipe exhaust to get a visual of the approximate location where pipes will need to be cut.
5. **Measure Twice! Re-check steps and measurements before cutting.**
6. Using a chain cutter, cut the two staggered marks made on the intermediate pipe assembly. **IMPORTANT:** Be sure to follow the chain cutter instructions prior to making the final cuts.

CAUTION: The cut edges will be sharp, it is highly recommended to use a piece of sandpaper or file to smooth the edges of the pipe.

7. Remove the bolts from the intermediate pipe assembly to the over the- axle pipe flanges.
8. Remove the two intermediate pipe hanger bracket bolts. Save these bolts, as they will be needed to install the FLOWTECH X-Pipe assembly.
9. Locate the (x2) supplied band clamps and slip them over the catalytic converter pipes. At this point, do not tighten (leave loose). Position the clamps in an orientation that will be easily accessible during final tightening.
10. Note the direction of the clamps.
11. Slip the FLOWTECH X-Pipe over the intermediate pipe assembly with the hanger tabs facing up. For proper alignment, the passenger's side flange will be lower than the driver's side. Reuse the center hanger bracket support bolts and lightly tighten.
12. Locate the supplied flange bolts and gaskets in the hardware kit. Insert new gaskets at each flange and using supplied flange bolts and nuts, lightly tighten.
13. Slip the supplied band clamps over X-Pipe and lightly tighten just to hold in position.
14. Before tightening, check to make sure everything is aligned and centered. Then proceed to tighten the band clamps, flange bolts, and center hanger bracket.
15. **Torque Settings are as follows: Band clamps - 45 ft. lbs., Flange bolts - 40 ft. lbs., and center hanger bracket - 10-12 ft. lbs.**
16. Once installation is complete, start the engine and check to ensure there are no leaks or rattles. It is **STRONGLY SUGGESTED** that all clamps be checked and tightened after 150-200 miles of road testing the vehicle and after system has warmed up and cooled several times.

NOTE: It is normal for the FLOWTECH X-Pipe to emit smoke for the first few minutes during the break-in period.