



LT1/LS1 HIGH FLOW Y-PIPE INSTALLATION INSTRUCTIONS

Thanks for purchasing a Stainless Works High Flow Y-pipe for your 4th generation F-body. Please follow these installation instructions to make installation a snap. Depending on what year your vehicle is, or what aftermarket exhaust system you are using, some cutting and welding may be required. Welding should be done by a qualified technician.

1. Raise the vehicle securely on jack stands or a drive on lift. Make sure the vehicle is adequately supported before climbing underneath.
2. Spray penetrating oil on the manifold studs, clamps, and O2 sensor bungs.
3. After allowing time for the penetrating oil to work, loosen the factory O2 sensors being careful not to damage the threads or the sensor. Set aside in a clean place for reassembly. Be careful not to touch or damage the sensor element.
4. Loosen the factory mounting bracket for the rear mount near the transmission crossmember. Save the bracket for installation onto your new y-pipe.
5. Loosen the clamp that connects the factory y-pipe to the exhaust system. Depending on the vehicle, you may have to remove or move the exhaust system toward the rear of the car to remove the y-pipe.
6. Loosen the manifold studs and remove the factory y-pipe. You may have to pry the y-pipe out of the slip joint at the rear to remove it-be careful not to warp the slip joint at the rear as this will need to join to the new y-pipe.
7. We recommend using sensor safe high temp RTV as added insurance at all slip joint connections to aid in sealing. Place the Stainless Works Y-pipe into position, slipping the rear joint over the factory slip joint and the front manifold flanges into position. Loosely install the manifold nuts to secure the head pipes, the straight sections of tubing, rear bent head pipe section (if applicable), and y-pipe, front slip joint clamp (if applicable), rear clamp, and rear hanger.
8. Make sure that you have adequate clearance between the y-pipe, floor, and driveshaft. Once all clearances are adequate, snug the manifold nuts and clamps.
9. Install the O2 sensor(s) using never-seize on the threads being sure not to get any never-seize on the O2 element. On 96 and newer OBD2 cars, if you are using an off road only y-pipe without catalytic converters, will set a Service Engine Soon (SES) light that will need to be cleared by a qualified technician. **OFF ROAD ONLY Y-PIPES ARE NOT FOR USE ON STREET DRIVEN VEHICLES.**
10. Make sure all O2 sensor wires are out of the way, and tighten manifold nuts and clamps (see your factory assembly manual for proper torque specs).
11. Drive vehicle 10-20 miles and recheck and tighten all fasteners as necessary.