

99-04 FORD F150 LIGHTNING

CATBACK INSTALLATION INSTRUCTIONS

Thanks for purchasing a Stainless Works catback exhaust system for your 1999-2004 Ford F150 Lightning. Our team has worked to ensure that this product is the premium in performance, quality, and fitment. We are proud to say that this system will unleash the true character of your vehicle. We encourage you to read through the following steps, and check the included Bill of Materials before beginning. Please follow these steps to ensure that your installation goes as planned.



1999-2004 F150 LIGHTNING
(FTLTNCB4, FTLTNCBLMF4)

a.

Disconnect the battery before starting work on the exhaust system for your vehicle. Reconnect the battery when the job is completed.

b.

Your exhaust system can be installed by a weekend warrior but the use of a lift is recommended for ease of installation. If using a jack, the vehicle must be placed on a level hard surface. Jack stands are required for safety reasons.

c.

You will assemble the components together as specified below, but only snug the clamps as you move along from front to back. After aligning all the components in the vehicle, you will tighten all the clamps working from front to back of the vehicle.

d.

When installing your catback system, make certain that the hangers at the end of the exhaust have at least $\frac{3}{4}$ " of clearance to the bumper. The exhaust will grow over $\frac{1}{2}$ " in length and can possibly damage the bumper. If the end of the hangers are too close to the bumper, then you must make sure that you have everything pushed forward onto the slip fit joints more fully.

- 1.**
Before beginning this set of instructions, you will have already installed your Stainless Works headers by following the instructions included with that kit.
- 2.**
Slide one more clamp onto each pipe behind crossmember and slide muffler onto pipes. You may have to rotate right side pipe a little from side to side to match inlets of muffler. Muffler should be level from side to side.
- 3.**
Take the large T-shaped hanger and install it into the 2 rubber hangers above muffler so that clamp will go over left side pipe.
- 4.**
Put clamp onto right side muffler outlet pipe and slide onto muffler.
- 5.**
Install left side muffler outlet using the hanger as its clamp.
- 6.**
Take the hanger with flat plate welded to it and install it in the rubber hanger so that the part that slides thru the hanger is pointing inward towards drive shaft.
- 7.**
Disassemble the provided saddle clamps and install one on each pipe so that the U-bolt faces upward, the saddle goes under the hanger plate, and the nuts go on top of the hanger plate.
- 8.**
Slide the last 2 clamps onto the muffler along with the polished tips. Align tips in the opening where you want them and tighten all clamps and hangers.

9.

Be sure to have adequate clearance around all wires, hoses and lines. If anything is in contact with the exhaust system, it will melt. Make sure to have at least ½" of clearance and wrap any suspect areas with DEI thermal barrier wrap.

10.

After double checking for clearance and making sure all lines, wires and hoses are secured, drive the car for 10-20 miles and re-check all clamps and clearances. Your system may be tack welded at the joints/ clamps to reduce shifting of the system during heating and cooling cycles. Make certain to disconnect the battery before performing any welding.