



# INSTALLATION INSTRUCTIONS

**Legato Performance Exhaust Kit #LEX4210  
For 2004-'08 Ford F-150 V8 (All wheelbases)  
409 Stainless Steel w/304 Stainless Steel Tips**

## Removal of Stock System:

1. If a hoist or rack is available, raise the vehicle to a comfortable working height. If no lift is available, you can jack up the vehicle and support it with jackstands. Make sure that the vehicle is safely positioned on the jackstands before getting under it.
2. Cut off the tailpipe where it exits the muffler with a hacksaw or Sawzall. Set the stock tailpipe aside.
3. The muffler must be supported with a stand. Spray a lubricant on the the three rubber hangers that are on the muffler and tailpipe. Separate the three rubber hangers from the rubber mounts on the vehicle.
4. The band clamp that secures the factory inlet pipe to the converter Y-Pipe is now removed. Remove the inlet pipe/muffler assembly and set aside.

## Installation of the Legato Exhaust System:

1. Prep the supplied clamps by removing the nuts and smearing or spraying a thick lubricant, such as white grease or anti-seize to the bolt and nut threads.
2. Based on which cab/bed combination you have, the Inlet Pipe #4210-1 (see parts photo) may need to be trimmed to accommodate the various wheelbase lengths. Make sure all measurements are double checked before cutting.

### Regular Cab:

- 6.5' Bed - Trim 18.50" from rear of Inlet Pipe
- 8.0' Bed - Requires no trim of Inlet Pipe

### Super Cab:

- 5.5' Bed - Trim 12.0" from rear of Inlet Pipe
- 6.5' Bed - Requires no trim of inlet pipe
- 8.0' Bed - No trim. Add 4210-2 Extension

### Super Crew:

- 5.5' Bed - Trim 6.0" from rear of inlet pipe
- 6.5' Bed - No trim. Add 4210-2 Extension Pipe and trim 12.0" off of it.

3. Slide a 2-1/2" Clamp (4000-3) over the reduced end of the Inlet Pipe (4210-1). Then position the Inlet Pipe onto the back of the factory head pipe. Line up the notch. Tighten the Clamp just enough to secure the pipe in place.
4. Slide the Inlet Hanger (4000-1) over the back of the Inlet Pipe and then slide the hanger into the factory rubber mount. Tighten the clamp enough to hold it in place.

**Note:** The 4000-1 Hanger is not used on a Regular Cab with a 6.5' Bed . On the Super Cab with a 6.5'

Bed, the Super Cab with 8.0' Bed and the Super Crew, the rubber mount is bolted to the side of the frame and must be relocated forward to the cross brace where you will find another factory mounting hole location.

5. Position a 3" Clamp (4000-2) onto the inlet neck of the Legato Muffler. Then position the Muffler onto the Inlet Pipe (4210-1) and support it with a stand. Tighten the clamp enough to hold in position.
6. Using the 5/16" bolt, washer and nuts provided, secure the Left Hanger Bracket (4000-4) to the frame on the driver's side of the vehicle using the factory holes on the bottom of the frame adjacent to the spare tire. Position the 5/16" bolt and flat washer up into the square hole using a flexible head magnet through the larger round hole in the side of the frame. Guide the bolt up and down into place in the round-hole. Mount the Left Hanger Bracket (4000-4) onto the 5/16" bolt that is protruding down. Then install a flat washer, lock washer and nut. Using two 1/2" wrenches, tighten the bolt and nut assembly but do not overtighten. After the Hanger Bracket is secured, slide on the Rubber Hanger (4000-5).
7. Slide a 2-1/2" Clamp (4000-3) onto each of the two muffler outlets. Then place the Right Side Tailpipe (4210-4) into position over the rear axle and into the right side muffler outlet. Position the tailpipe hanger rod into the factory rubber mount. Tighten the clamp just enough to hold in position.
8. Then place the front section of the Left Side Tailpipe (4210-5) onto the left muffler outlet and insert the hanger rod that is welded to the pipe into the factory rubber mount. Tighten the clamp sufficiently to hold in position. Place another 2-1/2" Clamp over the rear expanded end of the 4210-5 Pipe.
9. Place the Left Rear Tailpipe section (4210-6) into the expanded section of the Left Side Tailpipe (4210-5). Connect the hanger rod to the rubber mount that you installed in Step 5. Tighten the clamp enough to hold in position.
10. Determine if you want a rear exit or side exit exhaust. Then take the appropriate pipes (either the 4210-7 Rear Exit or the 4210-8 Side Exit pipes) and slide them onto the ends of the over-the-axle pipes using a 2-1/2" Clamp on each slip-fit connection. Tighten clamps enough to hold in place. Place the two Exhaust Tips (4210-9) onto the Exit Pipes

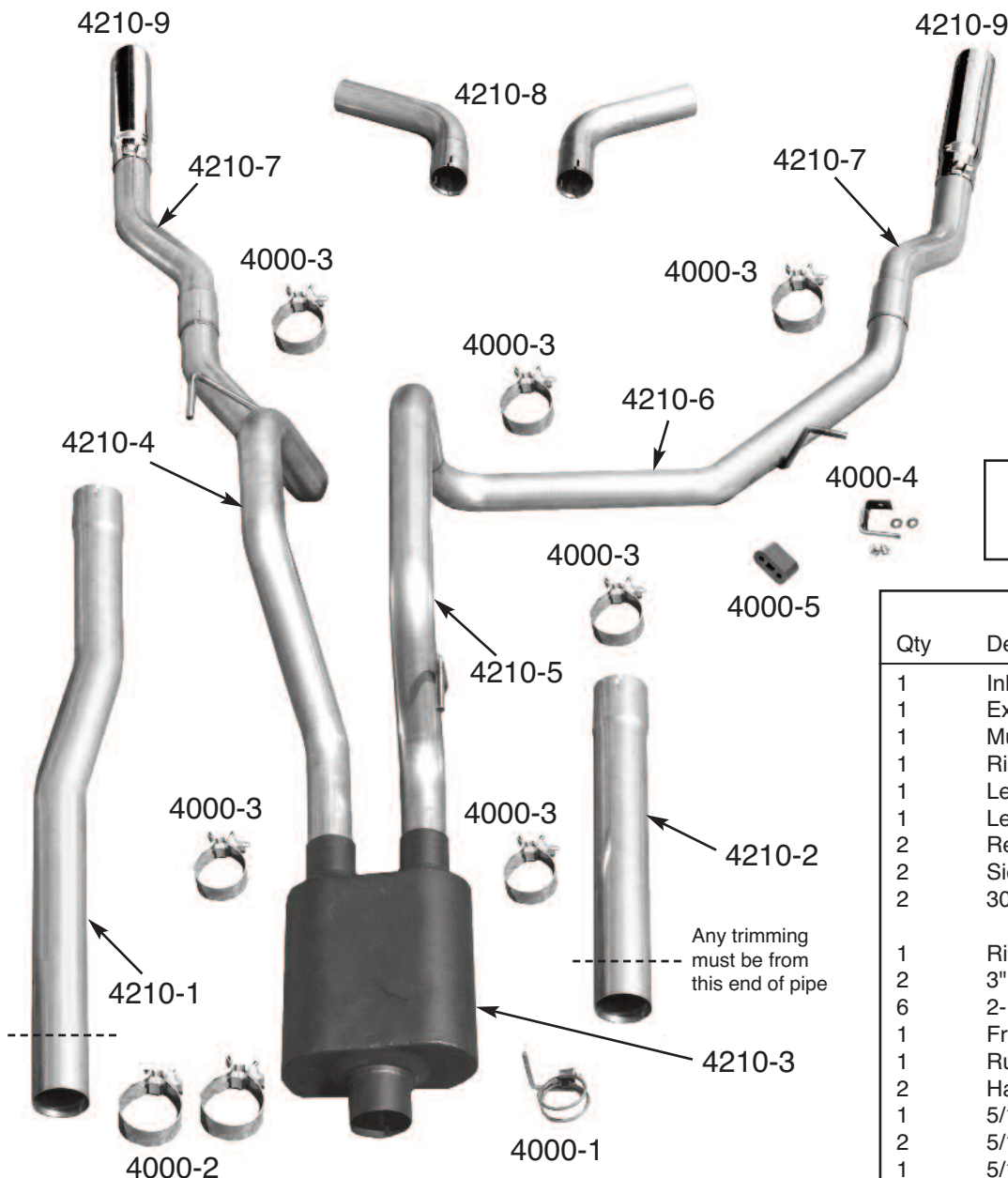
and tighten the pinch bolts on the Tips enough to hold in place. Then rotate the Exit Pipes and Tips to the desired distance from the fender or bumper so that the angle cut on the Tips is aligned correctly. We recommend tack welding the Tip to the Exit Pipe to avoid having it come loose and get lost.

11. Adjust the positioning of all the pipes and muffler to provide the proper fit and clearance. We recommend at least 3/4" of clearance between the exhaust components and other vehicle parts keeping suspension travel and vibration in mind. After all adjustments have been made, tighten all

clamps and other bolts and nuts securely.

12. Once the system is fully secure, slide the 7/16" Hanger Keeper onto the Left Tailpipe Hanger. This Hanger Keeper will prevent the hanger rods from slipping out of the rubber mount.

13. For a nice clean appearance and a secure installation, we recommend welding all slip-fit connections. If you live in an area with harsh winters or an area that sees a high degree of rainfall, the use of high temp paint over the welded joints can help prevent premature surface corrosion. Minor surface corrosion can occur on stainless pipes.



**100%  
Stainless  
Steel**

Technical Support  
661-578-5448

KIT CONTENTS		
Qty	Description	Pt. No.
1	Inlet Pipe	4210-1
1	Extension Pipe	4210-2
1	Muffler	4210-3
1	Right Tailpipe	4210-4
1	Left Tailpipe Front	4210-5
1	Left Tailpipe Rear	4210-6
2	Rear Exit Pipes	4210-7
2	Side Exit Pipes	4210-8
2	304 Stainless Tips	4210-9
Parts Kit		
1	Ring Clamp Hanger	4000-1
2	3" Clamp Assembly	4000-2
6	2-1/2" Clamp Assembly	4000-3
1	Frame Hanger Rear	4000-4
1	Rubber Hanger	4000-5
2	Hanger Keepers	4000-6
1	5/16" x 1-1/4" Bolt	4000-10
2	5/16" Flatwasher	4000-11
1	5/16" Lock Washer	4000-12
1	5/16" Nut	4000-13

#LEX4210 Cat Back Kit for 2004-'08 Ford F-150 V8

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