



# INSTALLATION INSTRUCTIONS

## Legato Performance Exhaust Kit #LEX4211 For 2009-'14 Ford F-150 (All wheelbases) With 4.6L, 5.0L, or 5.4L V8 Engine 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. Apply a lubricant to each of the rubber hanger mounts as well as all clamp and flange bolts. Apply to both stock parts and Legato parts. This will ease removal and re-installation.
3. Remove the two bolts at the front flange connection. Loosen the band clamp connection that is behind the flange on the inlet pipe. To separate the locking pin at this joint, slide the muffler assembly back a bit, twist the front inlet pipe clockwise, then slip the front inlet pipe back to remove the locking pin.
4. Now slide the muffler and tailpipe assembly to the rear to disengage the supporting rubber hanger mounts. Once this is accomplished, the entire assembly can be removed by working it forward over the rear axle. Removal can be simplified by cutting the tailpipe off at the rear of the muffler.

### 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. Mount the left hanger bracket (4000-4) to the frame on the driver's side using the factory holes (one round and one square) that are on the bottom of the frame adjacent to the spare tire. Place a 5/16" bolt and flat washer up into the square hole and back down through the round hole. Use a flexible head magnet to guide the bolt into the hole. Place the bracket in position and install a flat washer, lock washer and nut onto the bolt. Using two 1/2" wrenches tighten firmly but do not over-tighten.
2. Based on which cab/bed combination you have, the Inlet Pipe #4211-1 (see parts photo) may need to be trimmed to accommodate the various wheelbase lengths. Make sure all measurements are double checked before cutting.

#### 126" WB Regular Cab:

6.5' Bed - Trim 18" from rear of Inlet Pipe (42011-1). Do not use 4211-2 pipe.

#### 133" WB Super Cab:

5.5' Bed - Trim 12.0" from rear of Inlet Pipe

(4211-1). Do not use 4211-2 pipe.

#### 145" WB SuperCrew:

5.5' Bed - Use 4211-1 inlet tube with no modifications. Do not use 4211-2 tube.

#### 145" WB Regular Cab

8' Bed - Use 4211-1 inlet tube with no modifications. Do not use 4211-2 tube.

#### 145" WB Super Cab

6.5' Bed - Use 4211-1 inlet tube with no modifications. Do not use 4211-2 tube.

#### 157" WB SuperCrew

6.5' Bed - Trim 6" off of 4211-2 pipe and use with inlet pipe 4211-1.

#### 163" WB SuperCab

8' Bed - Use both 4211-1 and 4211-2 with no modifications.

3. Place the inlet pipe flange onto the back of the stock head pipe and fasten using the 3/8" bolts, washers and nuts supplied in the kit. Tighten enough to hold in place but still allow for adjustment.
4. Slide the Inlet Hanger (4000-20) 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.
5. Place the inlet of the muffler through the 4000-20 inlet hanger and onto the back of the inlet pipe (4211-1 or 4211-2 depending on bed length) and support with a stand. Level the muffler and tighten the clamp at the inlet enough to hold in position but still allow for adjustment.
6. Install a provided 4000-3 clamp onto each of the two muffler outlets. Then place the right side tailpipe (4211-4) in position over the axle and into the right side muffler outlet while also connecting the hanger rod onto the rubber mount on the vehicle. Tighten the band clamp enough to hold but still allow adjustment.
7. Place the front section of the left side tailpipe (4211-5) into the left muffler outlet and insert the hanger rod welded to the pipe into the rubber mount on the vehicle. Tighten the clamp enough to hold in place but still allow for adjustment. Place another clamp onto the rear of this pipe in preparation for the next step.
8. Slip the rubber hanger (4000-5) onto the hanger rod of the left rear tailpipe (4211-6). Place the expanded end of the pipe over the front section and connect the rubber hanger (4000-5) to the frame

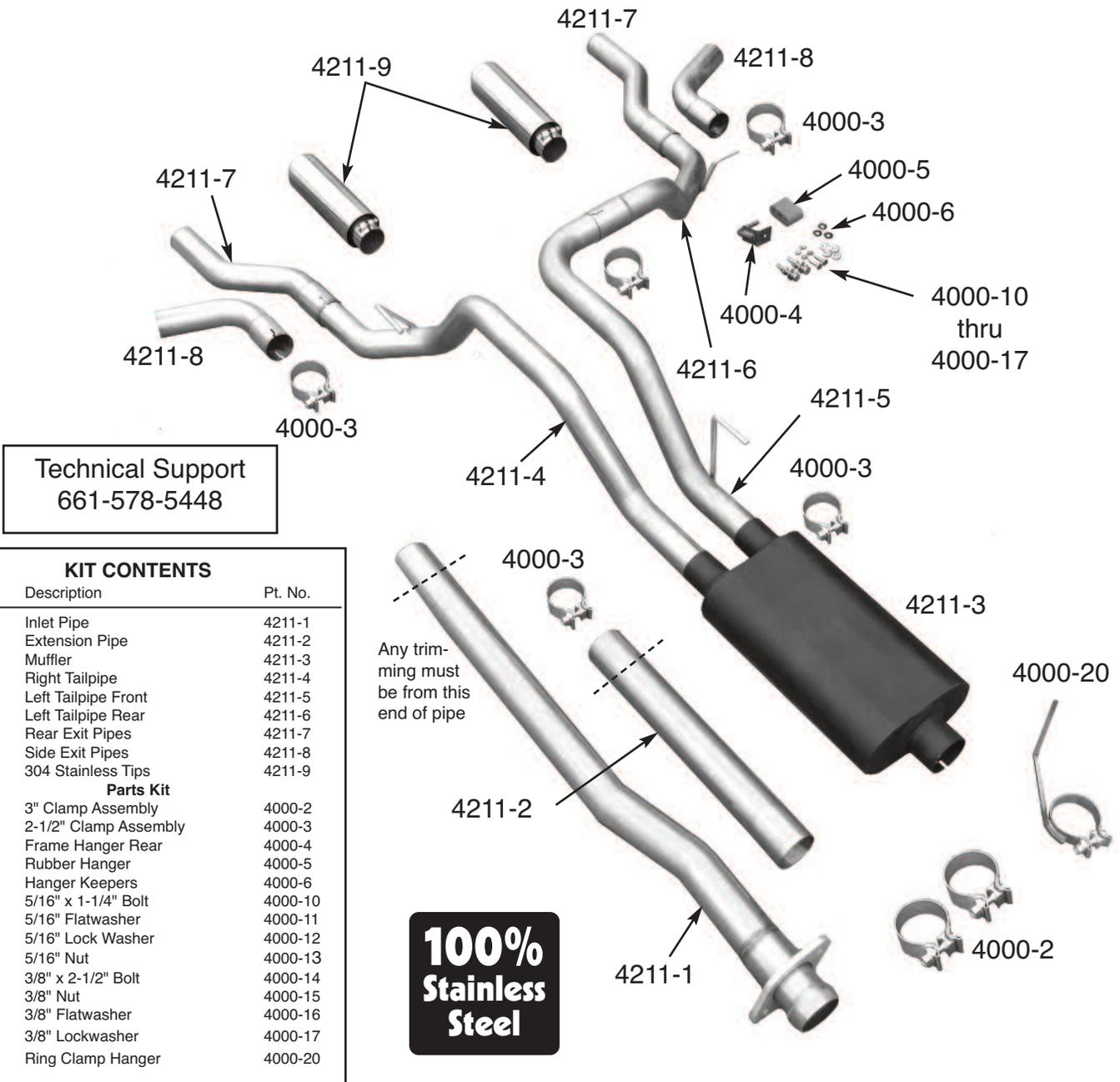
mount (4000-4) installed on Step 2. Tighten the clamp enough to hold but still allow adjustment.

9. Now slide either the side exit pipes (4211-8) or the rear exit pipes (4211-7) onto the ends of both over the axle tailpipes. Place a clamp (4000-3) on both of these slip-fit connections and tighten enough to hold in place but still allow adjustment. Place the two 304 stainless steel tips (4211-9) onto the exit pipes and tighten the pinch bolts just enough to hold in position. Rotate the exit pipe to the desired distance from the bumper or fender so that the tips are where you want them. Final positioning is best kept until the vehicle is on the ground so that you can properly see where you

want them.

10. 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.

11. 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.



Technical Support  
661-578-5448

KIT CONTENTS		
Qty	Description	Pt. No.
1	Inlet Pipe	4211-1
1	Extension Pipe	4211-2
1	Muffler	4211-3
1	Right Tailpipe	4211-4
1	Left Tailpipe Front	4211-5
1	Left Tailpipe Rear	4211-6
2	Rear Exit Pipes	4211-7
2	Side Exit Pipes	4211-8
2	304 Stainless Tips	4211-9
<b>Parts Kit</b>		
2	3" Clamp Assembly	4000-2
5	2-1/2" Clamp Assembly	4000-3
1	Frame Hanger Rear	4000-4
1	Rubber Hanger	4000-5
3	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
2	3/8" x 2-1/2" Bolt	4000-14
2	3/8" Nut	4000-15
4	3/8" Flatwasher	4000-16
2	3/8" Lockwasher	4000-17
1	Ring Clamp Hanger	4000-20

**100%  
Stainless  
Steel**