

INSTALLATION INSTRUCTIONS

\*\* Installation recommendation: JBA recommends in most case that the vehicle be taken to a reputable exhaust shop for installation.

40-2527

2011-2013 Ford F-150 Raptor 6.2L  
3" Dual Tip Cat Back Exhaust

Recommended Tools:	Parts List	Qty.
9/16 deep socket and Ratchet	3" Intermediate 'S' Pipe	1
Pry bar	JBA Stainless Muffler	1
WD-40 or equivalent	3" Over Axle Pipe	1
	Dual Chrome Tip Pipe	1
	Exhaust Clamps	3
	Double Wire Clamp	1



Check the box to make sure you received all the parts listed above before starting. If any parts are missing, call JBA Tech at 909 599-5955.

Allow the truck to cool completely, hot exhaust can and will burn you.

1. Remove the clamp that holds the front of the muffler to the stock Exhaust Pipe.

2. Remove the muffler from the rear section of the exhaust. You will probably have to cut the pipe.

3. Remove the remainder of the original exhaust system by careful prying the hangers from the rubber mounts. WD40 will really help. You may have to cut the tail pipe from the muffler section to ease removal.

4. Mount the over axle pipe to the truck using the two hangers that are on the pipe to the original rubber mounts.



5. Slide one of the clamps over the muffler outlet then slip the muffler onto the over axle pipe and mount the muffler to the forward hanger on the frame. Do not tighten the clamp at this time.



6. Slide one of the clamps over the muffler inlet then slip the New JBA S Shaped pipe into the muffler and the stock forward pipe.



7. Slide one of the clamps over the inlet side of the rear Tip pipe. Slip the pipe onto the over axle pipe.



8. Check that the muffler and intermediate pipe are straight and square to the frame. Tighten the clamp at the inlet side of the muffler.

9. Check the alignment of the over axle pipe making sure it is clear of any hoses or wiring. Tighten the clamp at the outlet of the muffler once everything is aligned.

10. Align the rear Chrome Tip pipe so that it clears the body and look aesthetically pleasing. Once you are satisfied with the position, tighten the clamp.



11. Check to make sure that everything is clear of any hoses or wiring, and the spare tire.

12. Check that all clamps are good and tight.

13. Take the truck for a short test drive and check for leaks and rattles. If everything is correct, we strongly recommend that you tack weld all the connections to insure that they do not work loose while driving.

Be sure to see the Complete line of JBA and PerTronix Performance parts and accessories at [www.pertronix.com](http://www.pertronix.com)

NOTES:  
1. All exhaust systems expand about 1" rearward when exhaust temperature rises. Keep this is mind when mounting components.  
2. Use anti-seize on threads of clamps.