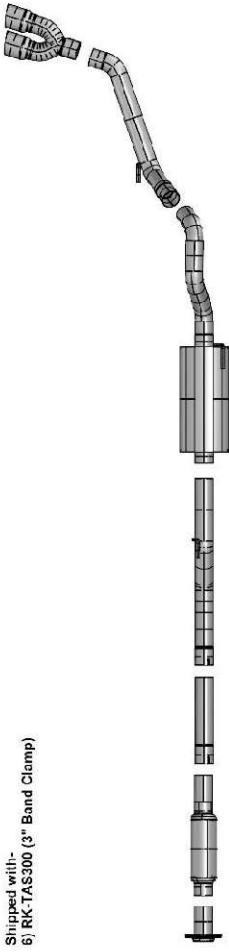




2015+ Ford F150 5.0L Coyote Headers and Exhaust Installation Instructions

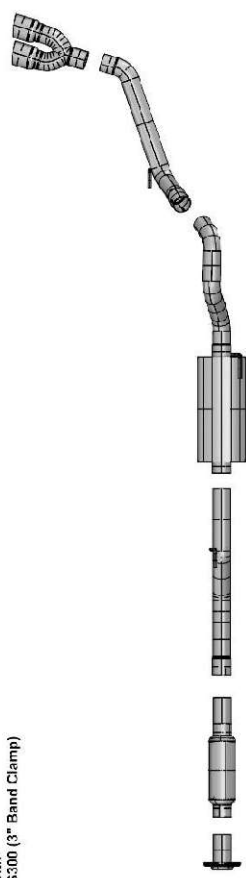


**Thank you for your purchase, we appreciate your business.
If additional assistance is needed, please contact Kooks Headers and Exhaust
Toll free at 1-866-586-KOOK or contact your local dealer.**



Shipped with-
6) RK-TAS300 (3" Band Clamp)

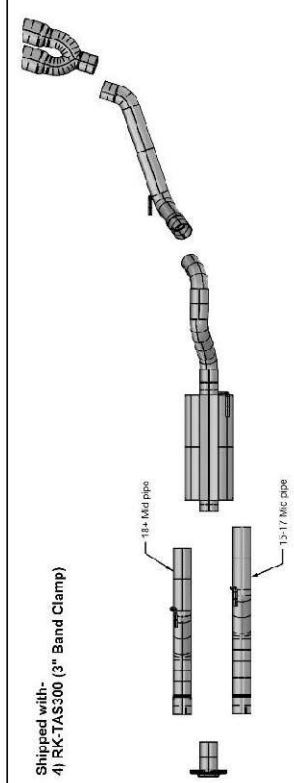
156.8" Wheelbase - Super Crew w/ 6.5' Box



Shipped with-
5) RK-TAS300 (3" Band Clamp)

141.1" Wheelbase - Regular Cab w/ 8' Box
145" Wheelbase - Super Cab w/ 6.5' Box
145" Wheelbase - Super Crew w/ 5.5' Bed

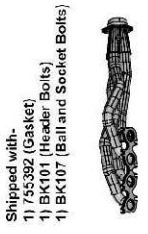
13614100 - 3" Catback 15", 141.1 to 156.8" (Polished Tips)
13514110 - 3" Catback 15", 141.1 to 156.8" (Black Tips)



Shipped with-
4) RK-TAS300 (3" Band Clamp)

122.4" Wheelbase - Regular Cab w/ 6.5' Box

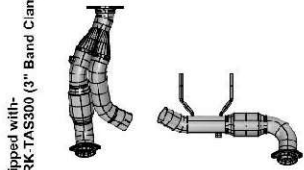
13614000 - 3" Catback 15-17 (Polished Tips)
13614010 - 3" Catback 15-17 (Black Tips)
13614050 - 3" Catback 18+ (Polished Tips)
13614060 - 3" Catback 18+ (Black Tips)



Shipped with-
1) 755392 (Gasket)
1) BK101 (Header Bolts)
1) BK107 (Ball and Socket Bolts)



13612200 - 1 3/4" x 3" Headers
13612400 - 1 7/8" x 3" Headers



Shipped with-
1) RK-TAS300 (3" Band Clamp)

13613101 - 3" x DEM Off Road Y-Pipe
13613201 - 3" x DEM Catted Y-pipe
13613301 - 3" x DEM Green Y-Pipe

2015+ F150
5.0L Coyote

**Do not attempt
if proper safety
not available to
assistance of a
installer.**



**this installation
equipment is
you - seek the
professional**

Read and understand all instructions before beginning.

To install this system, the following tools are suggested:

- Vehicle Lift or Jack and 4 Jack Stands
- Engine Cradle
- Ratchet Set ($\frac{1}{4}$ " & $\frac{3}{8}$ " Drive)
- Metric Socket Set ($\frac{1}{4}$ " & $\frac{3}{8}$ " Drive) - Extensions ($\frac{1}{4}$ " & $\frac{3}{8}$ " Drive)
- Pry Bar Set
- O₂ Socket (or Wrench)
- Gasket Scraper
- Metric Wrench Set
- T-40 Torx Bit
- Exhaust Hanger Pliers (groove joint pliers)
- Standard Screwdriver Set
- Safety Glasses
- Paint Pen or Marker
- Vehicle Service Manual
- Thread Locker
- Penetrating Oil
- Anti-seize
- Zip Ties

Vehicle Preparation

****Raise and Support Vehicle (Refer to Owner's Manual for specified jacking points) ****

Always disconnect the battery before performing this type of work on any vehicle



FACTORY EXHAUST REMOVAL

If installing cat back follow steps 1 through 4
If installing headers and y-pipe follow steps 5 through 21

STEP 1. Loosen the factory exhaust at the 2-bolt flange (2) 10 mm bolts. Bolts will be re-used during installation.

STEP 2. Loosen clamp at slip fit connection point (behind the 2 bolt flange connections point) and remove the front section of the pipe with resonator between the 2-bolt flange connection and slip joint.

STEP 3. Remove exhaust from all hangers – WD-40 helps to lubricate hangers

STEP 4. Remove cat-back from truck

Cat-back removal complete

STEP 5. Remove skid plate on left side of transmission cross member (4) 8 mm bolts

*****STEP 6 to 15 are required if you are planning to save the factory exhaust*****

STEP 6. Remove (12) 10 mm bolts from front drive shaft

STEP 7. Remove (2) 6 mm bolts holding left and right heat shields to transmission cross member

STEP 8. Support transmission and transfer case with jack stands

STEP 9. Remove (2) 12 mm nuts from transmission mount.

STEP 10. Remove (4) 12 mm bolts and nuts from cross member and remove cross member

STEP 11. Remove (1) 10 mm bolt from left Y pipe hanger

STEP 12. Loosen clamp on left head pipe

STEP 13. Unplug all O2 sensors

STEP 14. Remove (2) 10 mm nuts from left and (2) 10 mm nuts from right head pipes and remove head pipes



STEP 15. Reinstall cross member and mount and tighten

STEP 16. If you are not planning to save the old exhaust, you can cut hangers from Y-pipe to simplify removal of manifold pipes.

STEP 17. Remove remaining (2) 6 mm bolts from right heat shield and slide heat shield back toward the rear of the vehicle.

STEP 18. Remove starter and wires (1) 6 mm nut (2) nuts and (3) 8 mm bolts

STEP 19. Remove right and left side heat shields on manifolds (3) 6 mm bolts two per side

STEP 20. Remove (16) 10 mm nuts, 8 per side from manifolds and remove manifolds

STEP 21. Remove all (16) 10 mm studs from heads

KOOKS EXHAUST INSTALLATION PROCESS

If installing headers and y-pipe follow steps 1 through 9

If installing cat-back follow steps 10 through 11

Always follow steps 12 through 15

STEP 1. Install Kooks Headers using supplied hardware. Tighten to factory torque specs.

STEP 2. Re-install starter

STEP 3. Re-install right heat shield

STEP 4. Re-install (1) 6 mm bolt back in left heat shield at cross member

STEP 5. Install Kooks Y-pipe. See system layout for how parts are assembled

STEP 6. Re-install all skid plates

STEP 7. Remove O2 sensors from old pipes and re-install in new pipes.

STEP 8. Secure the wires away from the driveshaft



STEP 9. Connect to factory exhaust at 2 bolt flange, re-use factory hardware.

Headers and y-pipe install complete

STEP 10. Loosely install Kooks Cat-back with supplied clamps. See system layout for how parts are assembled.

STEP 11. Adjust fitment for maximum clearance and looks. 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. Tighten all clamps.

Cat-back install complete

STEP 12. Clean all fingerprints/oil/grease from exhaust prior to starting engine

STEP 13. Reconnect battery. Start engine and check for exhaust leaks (tighten clamps as needed)

STEP 14. Allow engine to complete one full heat cycle (heat to operating temp, cool to ambient temp)

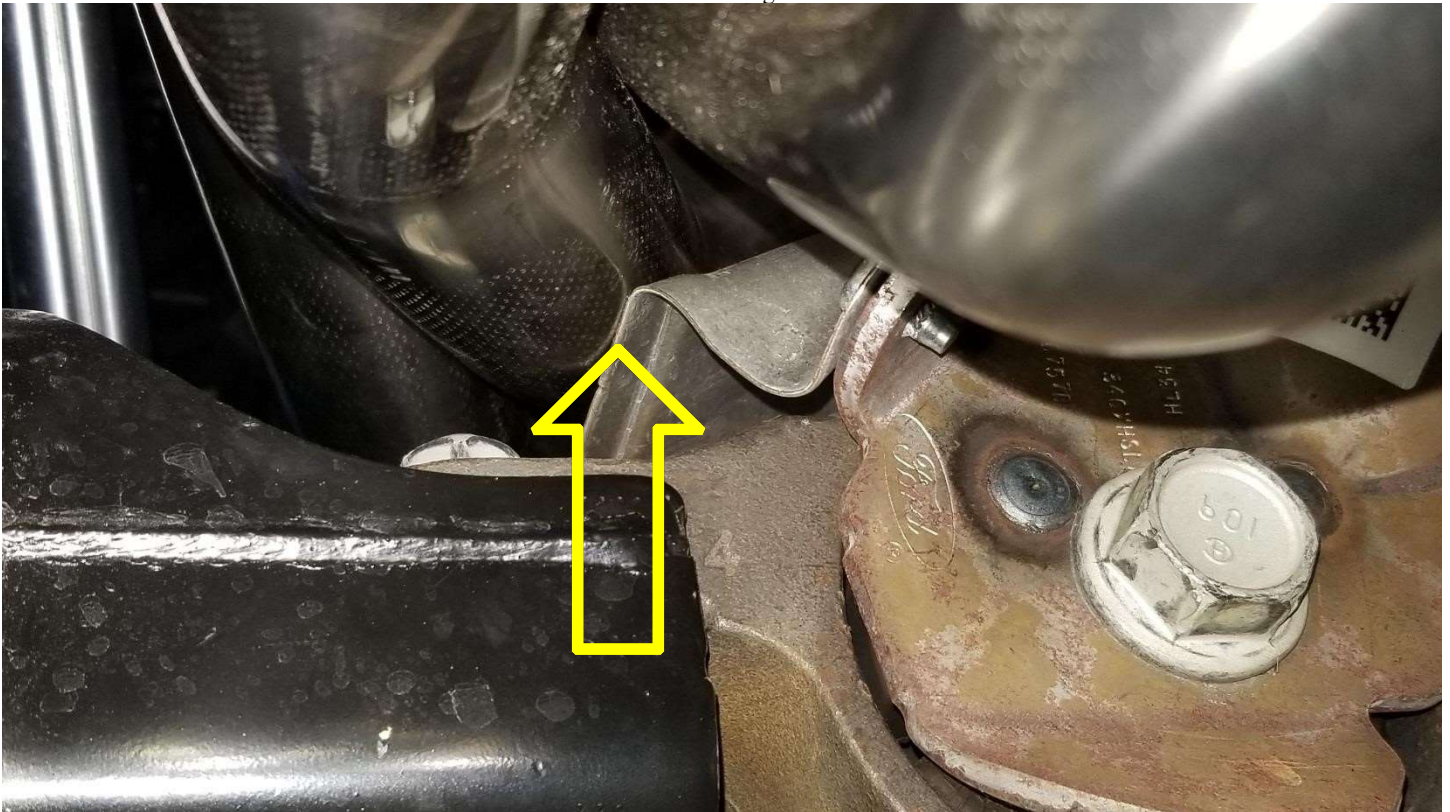
STEP 15. Re-torque all connections



****Note for 2018+ models****

When installing headers on 2018 and up model year F150's, it is recommended that the *driver's side motor mount heat shield* be removed or modified to clear the primary tubes

See Image Below



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