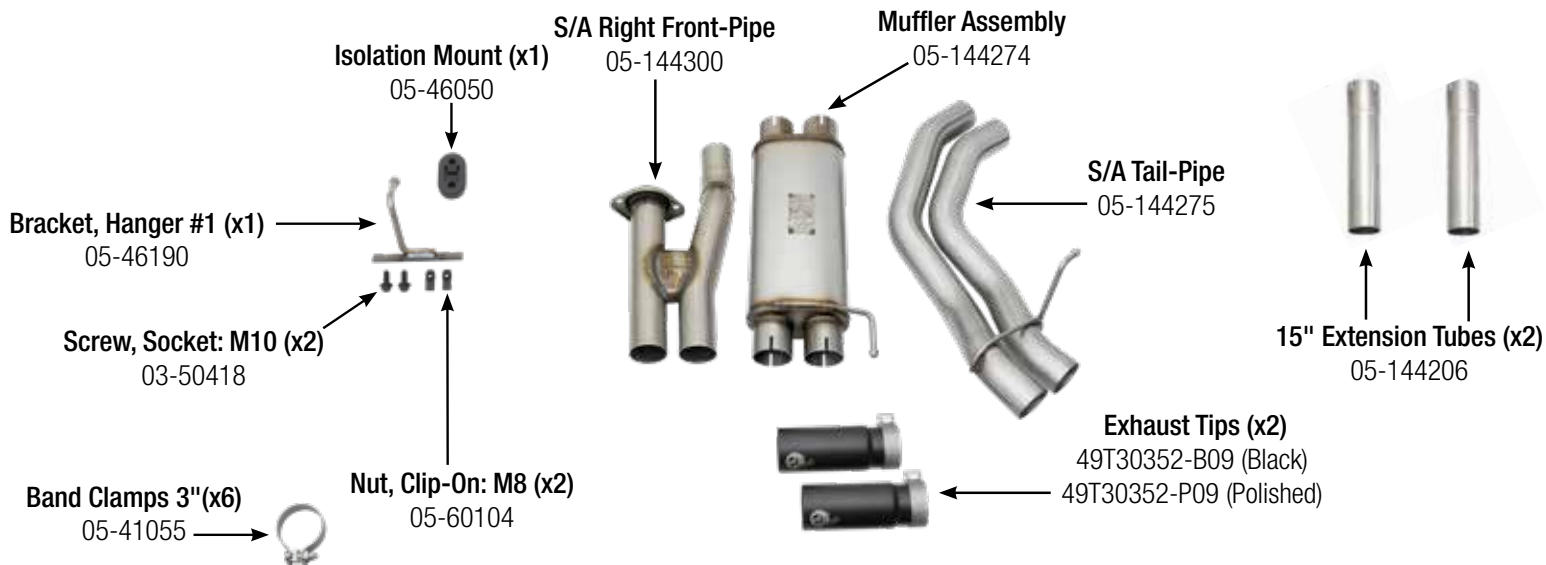




# INSTALLATION INSTRUCTIONS

MAKE: Ford  
 MODEL: F-150 Raptor  
 YEAR: 2017-2020  
 ENGINE: V6-3.5L (tt) EcoBoost  
 FITS: CC/SB, (145") EC/SB, (133")

**3" Cat-Back**  
**409 Stainless Steel**  
**49-43091-B (Black Tips)**  
**49-43091-P (Polished Tips)**



**Caution:** Allow time for your vehicle to cool down prior to installation. When working on or under your vehicle proceed with caution. Exhaust systems reach high temperatures and may cause serious burns. Wear protective safety equipment; eye goggles and gloves to ensure a safe installation.

- Step 1:** (Read Instructions prior to installation) properly support your stock exhaust system, and remove your stock exhaust up to the catalytic converter from the rear of your truck, working your way forward. Take caution not to damage the factory hardware and isolation mounts. (It is recommended to not fully tighten the clamps until the entire system has been installed.)
- Step 2:** For faster installation spread the pieces of the exhaust alongside of your vehicle according to the diagram shown.
- Step 3:** Start by placing clip-on nuts into frame, as shown on **(Figure A)**. The clip-on nuts should slide right in hassle free.
- Step 4:** Now that the clip-on nuts are in place, place Hanger bracket #1 over clip-on nuts and tighten bracket down securely with the proper bolts provided.
- Step 5:** Install the front pipes using the provided bolts and nuts, leaving the Flange bolts slightly loose to move for adjustment.
- Step 6:** Using a Jack/Stand for support, slide the muffler in place using provided 3" clamps and OE isolation mount for the EC/SB (133") Wheelbase, Do NOT use extension pipe. For the CC/SB (145") Wheelbase, install 15" extension pipe onto the front pipes, then install muffler assembly.
- Step 7:** Place provided 3" band clamps over the muffler exits and install the tailpipe. Insert the provided rubber isolation mount over the tail-pipe hanger, slide it onto hanger bracket #1
- Step 8:** Align and straighten exhaust and begin to tighten down system beginning at the front and working your way back.
- Step 9:** Place tips into desired position and tighten them!
- Step 10:** Congratulations, Your system is now complete and fully installed! It is recommended to re-tighten all clamps and bolts after 50-100 miles.

**(Figure A.)**



- aFe recommends that the tailpipe be at least 1/2"-1" away from any body panels to avoid heat related body damage. **Tighten and secure.**
- It is normal for your exhaust system to emit smoke for the first few minutes upon initial start-up.