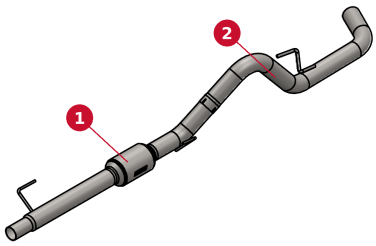
2015–2020 FORD F-150

CAT-BACK SYSTEM

Fits 2015–2020 F-150 · 145" wheelbase · SuperCrew 5.5 ft or SuperCab 6.5 ft bed · **Time** 1.5–2 hrs with a helper
Not for Raptor, Regular Cab, or 157" / 163" wheelbase trucks.

SYSTEM LAYOUT



01 FRONT SECTION + MUFFLER 02 REAR TAILPIPE

PART NUMBERS

SKU	ENGINE	EXIT	FINISH
CF1001	5.0L V8	Single	Stealth Black
CF1002	5.0L V8	Single	Polished Stainless
CF1003	5.0L V8	Dual	Polished Stainless
CF1004	5.0L V8	Dual	Stealth Black
CF1005	2.7/3.5L EcoBoost	Single	Stealth Black
CF1006	2.7/3.5L EcoBoost	Single	Polished Stainless
CF1007	2.7/3.5L EcoBoost	Dual	Polished Stainless
CF1008	2.7/3.5L EcoBoost	Dual	Stealth Black

CLAMP TORQUE
45 FT-LB
Manufacturer-recommended spec

SLIP-IN DEPTH
1-3/4"
Mark the pipe, slide to the mark

CLEARANCE
1" MIN
Frame, bumper, spare, fuel + brake lines

IN THE BOX

Front section (01): 3" inlet pipe + muffler
Rear tailpipe (02): 3" over-axle
4" tip, single or dual (built-in clamp bolt)
3" band clamp: 1 for single tip, 2 for dual

TOOLS

15mm deep socket + extensions
Torque wrench (no impact guns)
Penetrating oil · pry bar
Lift or jack stands + a helper · glasses + gloves
Saw (only if no lift)

INSTALLATION STEPS

01 STEP 01 PREP

Let the exhaust cool **2 hours**. Check the box against the parts list. Raise the truck on a lift or **rated jack stands** on level ground. Spray penetrating oil on the factory clamp and every rubber hanger. **Lower the spare tire** for room.

02 STEP 02 REMOVE STOCK

Loosen the factory clamp at the cat outlet. With a helper or stand holding the system, pop each hanger out, front to back. **Don't tear the rubber isolators**; you'll reuse them. No lift? You may need to cut it out.

03 STEP 03 FRONT SECTION (01)

Slide the inlet over the cat outlet and push the hanger into the factory isolator. Put the factory clamp back on. You'll torque it in step 05.

04 STEP 04 REAR TAILPIPE (02)

Route it **over the axle** and hang it. Mark **1-3/4"** on the front section outlet, slide the slotted end on to the mark, and set the band clamp over the slots, bolt 90° from the slots.

05 STEP 05 TIP + TORQUE

Slide the tip on, **level with the bumper and centered**, and tighten its built-in bolt. Check 1" clearance. Torque **every clamp to 45 ft-lb**, front to back, starting at the factory clamp.

06 STEP 06 FIRE IT UP

Check every joint for leaks or rattles. A little smoke on the first drive is normal; it's oil burning off. **Re-check clamp torque after 50–100 miles.**

Safety Pro install recommended; installation is at your own risk. Cool exhaust only, eye protection + gloves, never under a truck held only by a jack. Read the back page first.
Help contact@carvenexhaust.com · (949) 850-2700 · Mon–Fri 7–3:30 PT · **Warranty** rma@carvenexhaust.com

2015-2020 FORD F-150 · READ BEFORE YOU INSTALL

SAFETY + WARRANTY

Please read this page completely before installing your Carven Exhaust product. Keep it with your vehicle records.

WARNING

WORK SAFETY

- Exhaust parts get hot enough to cause severe burns. Let the system cool completely before you touch it.
- Never work under a vehicle supported only by a jack. Use a lift or rated jack stands on solid, level ground, and chock the wheels.
- Exhaust sections are heavy and awkward. Use a helper or a support stand when removing or installing them.
- Wear eye protection and gloves. Cut pipe and slotted edges can be sharp.
- Follow the safety instructions for every power tool you use, especially cutting tools.

WARNING

CARBON MONOXIDE

- Exhaust gas contains carbon monoxide, which is odorless and can kill.
- Never run the engine in a closed garage or enclosed space.
- Check every joint for leaks after installation and again after the first drive. Fix any leak before driving the vehicle.

WARNING

FIRE AND HEAT

- Keep at least 1" clearance between the exhaust and fuel lines, brake lines, wiring, plastic trim, the spare tire, and the body, with room for suspension travel.
- Do not park or idle over dry grass, leaves, or other material that can burn.
- Do not wrap or coat the system with materials not approved by Carven Exhaust.

TERMS

PROFESSIONAL INSTALLATION

- Carven Exhaust recommends installation by a qualified exhaust shop or professional installer.
- If you choose to install this product yourself, you do so at your own risk.

TERMS

FITMENT AND MODIFICATIONS

- This product is designed only for the vehicles listed on the front of this guide. Confirm your year, model, engine, cab and bed before you start.
- Do not cut, weld, bend, or otherwise modify Carven Exhaust parts. Modified parts are not covered by warranty and may not be returned.

TERMS

LAWS AND EMISSIONS

- This is a cat-back product. It does not replace or remove the catalytic converter or any emissions equipment. Never remove or tamper with emissions controls.
- Exhaust sound and equipment laws vary by state and city. You're responsible for making sure your vehicle complies with the laws where you drive it.

TERMS

WARRANTY

- Your Carven Exhaust product is covered by our limited warranty. See the Warranty Policy at carvenexhaust.com for terms.
- The warranty does not cover damage caused by improper installation, overtightened or impact-gun-tightened clamps, accidents, misuse, racing, off-road impacts, road salt or other environmental damage, or modifications.
- For a warranty claim, contact rma@carvenexhaust.com with your order number, part number, vehicle, and photos before returning anything.

TERMS

LIMITATION OF LIABILITY

- Installation and use of this product are at your own risk.
- Carven Exhaust is not responsible for injury, damage, or loss resulting from installation or use of this product, including improper installation, misuse, abuse, neglect, or use with parts or systems from other manufacturers.
- Carven Exhaust is not liable for incidental or consequential damages, including towing, labor, rental, or lost time, to the extent permitted by law. Liability is limited to repair or replacement of the product.
- By installing this product, you accept these terms and assume all risk of installation and use.

TERMS

CALIFORNIA PROPOSITION 65

- WARNING: This product can expose you to chemicals including nickel, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.