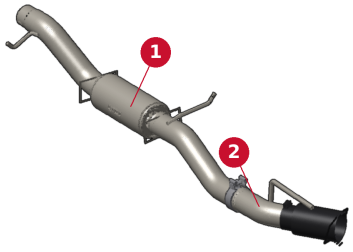
2019–2023 FORD RANGER 2.3L

OVER-AXLE DUMP KIT

Fits 2019–2023 Ranger 2.3L · SuperCrew (XL / XLT / Lariat)
Time about 1–1.5 hrs with a helper

SYSTEM LAYOUT



01 MUFFLER SECTION 02 OVER-AXLE DUMP

PART NUMBERS

SKU	ENGINE	TIP	FINISH
CF1009	2.3L I4	4.0”	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

Muffler section (01)
Over-axle dump tailpipe (02)
4” tip (Stealth Black)
3” band clamp x2 · reuse factory rubber mounts

TOOLS

Metric sockets + extensions
Torque wrench (no impact guns)
Penetrating oil · pry bar
Lift or jack stands + a helper · glasses + gloves

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**. Spray penetrating oil on the factory clamp and every rubber hanger.

02 STEP 02 REMOVE STOCK

Loosen the clamp at the factory muffler inlet. Remove the rear rubber hanger mount, then the factory muffler and tailpipe. A lift lets it come out in one piece. **Keep the rubber mounts.**

03 STEP 03 MUFFLER SECTION (01)

Put the first band clamp over the factory pipe. Move the front rubber mount onto our muffler section. Hang it from the mid mount and slide it onto the factory pipe. Snug only.

04 STEP 04 DUMP TAILPIPE (02)

Lube the rear rubber mount and fit it to the dump pipe. Put the second band clamp on the muffler outlet, slide the dump pipe on to **1-3/4”**, and re-hang the rear mount. Snug only.

05 STEP 05 TIP + TIGHTEN

Fit the 4” tip and set its angle. Check **1” clearance**, then tighten front to back: **both band clamps to 45 ft-lb**, then the tip.

06 STEP 06 FIRE IT UP

Check every joint for leaks or rattles. Leak? Loosen the clamps, push the pipes toward the engine, re-tighten. A little smoke on the first drive is normal. **Re-check 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

2019–2023 FORD RANGER 2.3L · 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.