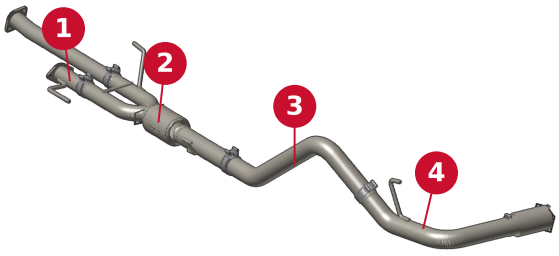
2014–2021 TOYOTA TUNDRA 5.7L V8

CAT-BACK SYSTEM

Fits 2014–2021 Tundra 5.7L V8 · Double Cab 6.5 ft bed · CrewMax 5.5 ft bed
Time 1.5–2 hrs with a helper · Not for 4.6L or Regular Cab trucks.

SYSTEM LAYOUT



01 FLANGES 02 MUFFLER 03 OVER-AXLE 04 TAIL

PART NUMBERS

SKU	ENGINE	EXIT	FINISH
CT1000	5.7L V8	Single	Polished Stainless
CT1001	5.7L V8	Single	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

Flange pipes x2 (01) · Muffler (02)
Over-axle pipe (03) · Tailpipe (04)
4” tip with built-in clamp bolt
2.5” band clamp x2 · 3.0” band clamp x2

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 flange bolts, springs and every rubber hanger. **Lower the spare tire.**

02 STEP 02 REMOVE STOCK

Unbolt the two factory flanges behind the cats. **Keep the factory bolts and gaskets undamaged**; you’ll reuse them. With a helper holding the system, pop the hangers out front to back. **Don’t tear the rubber isolators.**

03 STEP 03 FLANGE PIPES (01)

The two flange pipes are different sizes; match each one to its side. Set the **factory gaskets** and bolt both pipes on with the **factory bolts**. Snug only.

04 STEP 04 MUFFLER (02)

Mark **1-3/4”** on both flange pipe outlets. Slide the muffler inlets on to the marks, set a **2.5” band clamp** over each slotted joint and hang the muffler. Snug only.

05 STEP 05 OVER-AXLE (03) + TAIL (04)

Route the over-axle pipe into the muffler outlet with a **3.0” clamp**. Hang the tailpipe in the rubber isolators and clamp it to the over-axle pipe. Slide the tip on and tighten its bolt.

06 STEP 06 TIGHTEN + FIRE UP

Check **1” clearance**. Tighten front to back: flange bolts, then **every clamp to 45 ft-lb**. Start the truck and check for leaks or rattles. **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

2014-2021 TOYOTA TUNDRA 5.7L V8 · 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.