Rough Country 96012 Installation Instructions

96012

Part number: 96012

trailfortress.com/rough-country-performance-cat-back-exhaust-96012

Scan for fitment, price and install help



TOYOTA 2009-19 Tundra 4.6 / 5.7 Performance Cat-Back Exhaust

Fits 4.6L, 5.7L V8 Engine built after 8/2008
Fits all except for Std cab/Short bed and Double cab/Long Bed

Thank you for choosing Rough Country for all your vehicle needs.

Please read instructions before beginning installation. Check the kit hardware against the kit contents shown below. Be sure you have all needed parts and know where they go.
If question exist, please call us @1-800-222-7023. We will be happy to answer any questions concerning this product.
Check all fasteners for proper torque. Check to ensure for adequate clearance between all components.
Periodically check all hardware for tightness.

KIT CONTENTS:
2 1/2" Exhaust Clamps x8
Dr Inlet Exhaust Tube (Long) (A)
Pass Inlet Exhaust Tube (Short) (B)
Inlet Pipe Clamp/Hanger Dr (C)
Inlet Pipe Clamp/Hanger Pass (D)
Rough Country Muffler (E)
Dr Muffler Exit Tube (F)
Pass Muffler Exit Tube (G)
Dr Rear Mid Tube (H)
Dr Rr Hanger (I)
Pass Rear Mid Tube (J)
Hanger Backing Plate (Not Pictured)
Poly Exhaust Hanger (K)
Dr /Pass Rear Exhaust Tubes (L)
Side Exit Pipes x2 (M)
Black Stainless RC Exhaust Tips x2 (N)

TOOLS NEEDED:
14mm Wrench or Socket
15mm Wrench or Socket
16mm Wrench or Socket
9/16 Wrench and Socket

HARDWARE INCLUDED:
3/8-16 x 1.25 Hex Head Bolt x1
3/8 Flat Washers x1
3/8 Lock Washer x1
3/8-16 Hex Nut x1
1/2" Hanger Keeper x1



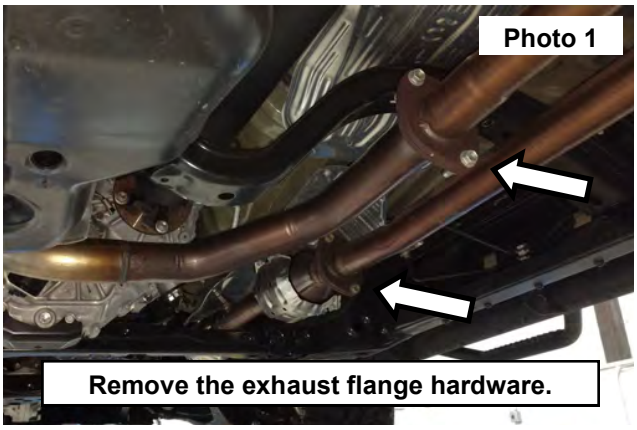


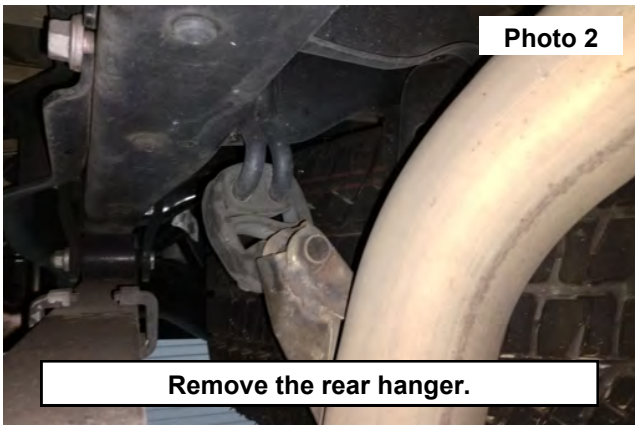
Torque Specs:

Size	Grade 5	Grade 8	Size	Class 8.8	Class 10.9
5/16"	15 ft/lbs	20ft/lbs	6MM	5ft/lbs	9ft/lbs
3/8"	30 ft/lbs	35ft/lbs	8MM	18ft/lbs	23ft/lbs
7/16"	45 ft/lbs	60ft/lbs	10MM	32ft/lbs	45ft/lbs
1/2"	65 ft/lbs	90ft/lbs	12MM	55ft/lbs	75ft/lbs
9/16"	95 ft/lbs	130ft/lbs	14MM	85ft/lbs	120ft/lbs
5/8"	135ft/lbs	175ft/lbs	16MM	130ft/lbs	165ft/lbs
3/4"	185ft/lbs	280ft/lbs	18MM	170ft/lbs	240ft/lbs

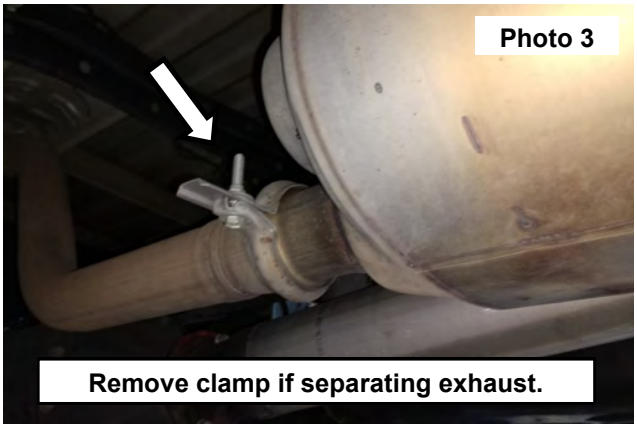
INSTALLATION INSTRUCTONS

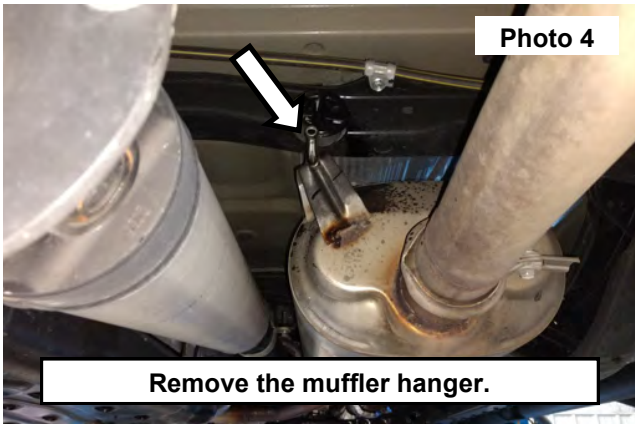
1. Remove the 2 bolts in each exhaust flange using a 14mm. Retain hardware. **See Photo 1.**
2. Using a pry tool remove the rear tube mount from the rubber hanger. **See Photo 2**. Do not remove rubber hangers from the vehicle.



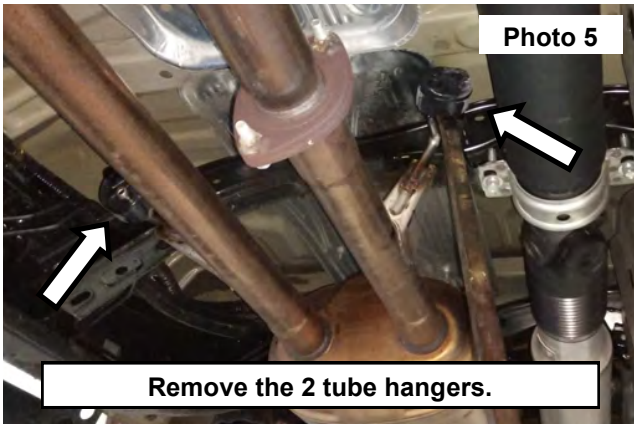


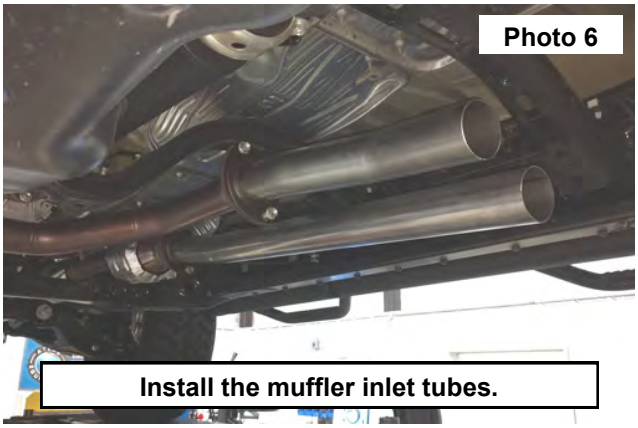
3. If this install is being preformed on the ground and not lifted up on a 2 post lift the exhaust can be separated at the flange behind the muffler and removed in 2 pieces. **See Photo 3.**
4. Support the muller and rear tube using a jack or stands. Using a pry tool remove the rear muffler mount from the rubber hanger. **See Photo 4.**



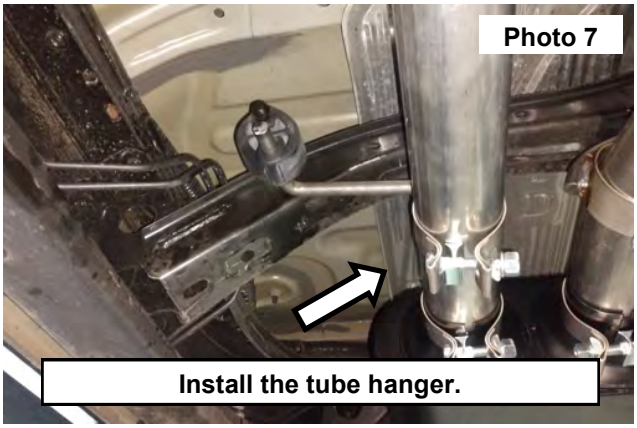


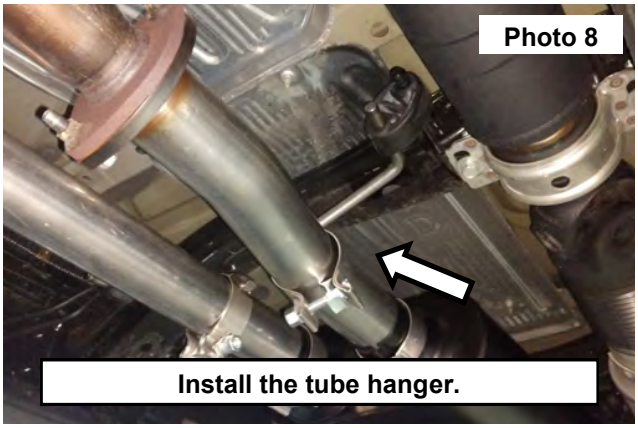
5. Remove the front 2 muffler mounts from the rubber hangers. **See Photo 5.** Remove the supports and remove the full exhaust from front to back.
6. Locate and layout the new exhaust tubes using the image included on the last page of this instruction sheet.
7. Install the new tubes onto the OE exit tubes, install the short tube on the driver side and the long tube on the passengers side of the vehicle, secure using the retained OE hardware. Snug the bolts to hold the tubes in place allowing for possible adjustment later in the installation. **See Photo 6.**





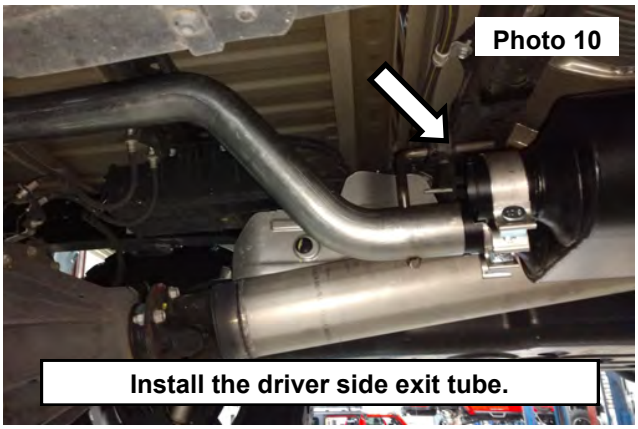
8. Install the inlet tube hanger onto the tube and into the stock rubber frame hanger on the driver and passengers tube. Do not tighten at this time. **See Photos 7 and 8.**



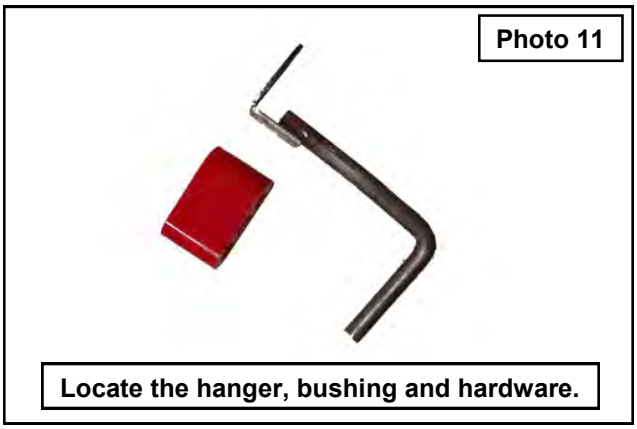


9. Install (1) clamp on each inlet flange of the muffler, then install the inlet tubes into the muffler. Support muffler with a stand. **See Photo 9.**
10. Install (1) clamp on each exit flange of the muffler, then install the driver side exit tube into the OE rubber hanger and into the exit flange of the muffler. **See Photo 10.**



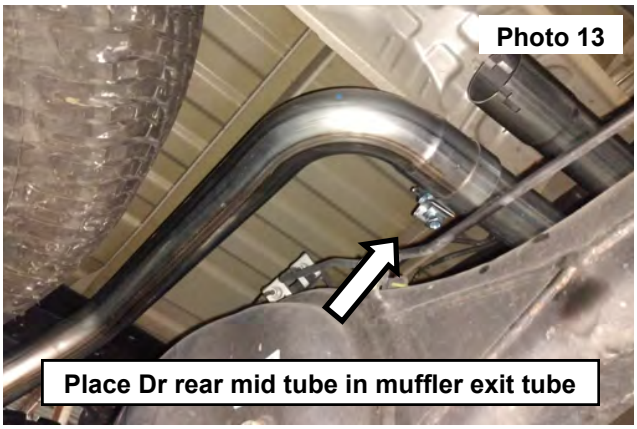


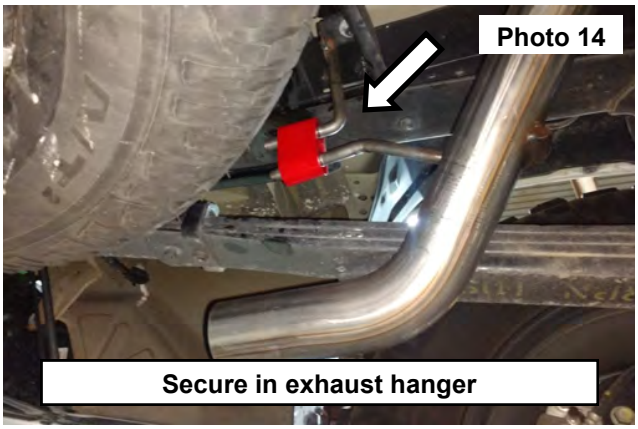
11. Locate the hanger, bushing and the supplied (1) 3/8-16 x 1.25 Hex Head Bolt, 3/8” flat washers, 3/8” lock washer and 3/8-16” nylock nut. **See Photo 11.**
12. Install the exhaust hanger inside of the left rear crossmember using the supplied 3/8” hardware and backing plate ,point the rod end toward the rear of the vehicle. Tighten using a 9/16 wrench and socket. **See Photo 12.**



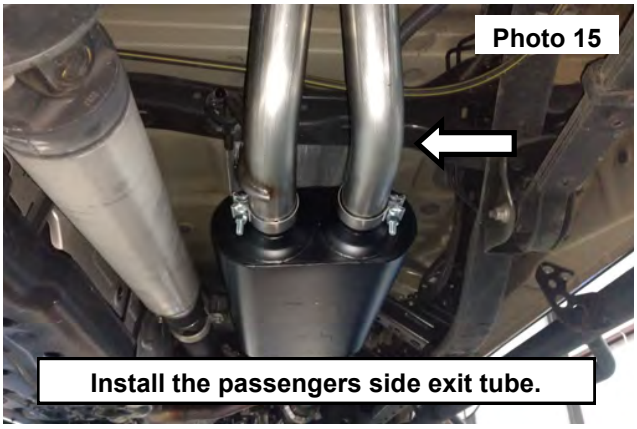


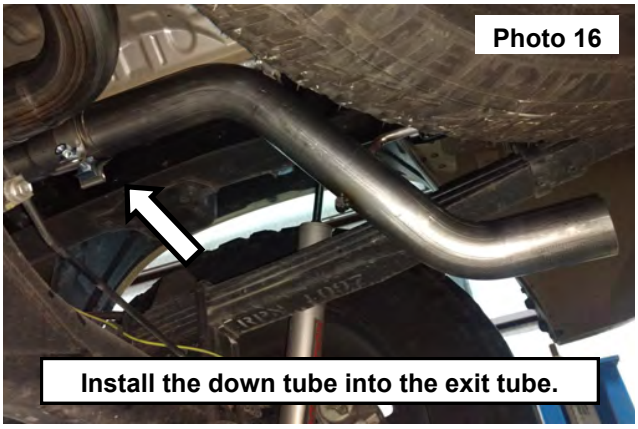
13. Install 1 clamp onto the Dr rear mid pipe and slide it into the drivers side muffler exit tube. Then raise the tube up and install the supplied rubber hanger. **See Photos 13 and 14.**



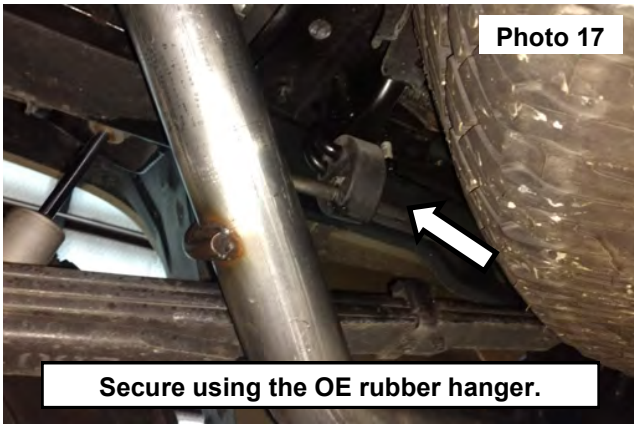


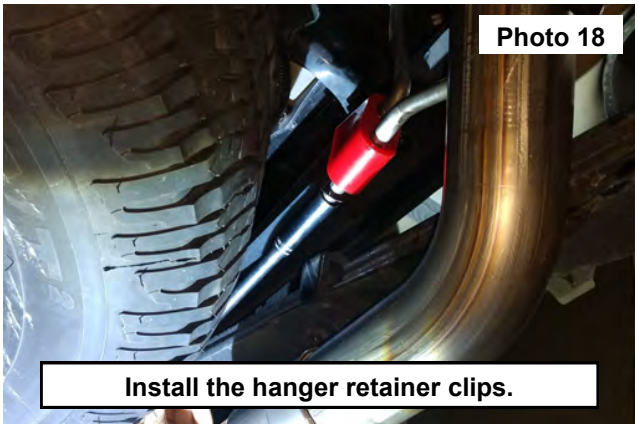
14. Install (1) clamp onto the mufflers exhaust flange then slide the passengers exit tube into the muffler. Secure the tube using the OE rubber hanger. **See Photo 15.**
15. Install (1) clamp onto the passengers side exit tube. Slide the down tube into the exit tube and secure using OE rubber hanger. **See Photo 16 and 17.**



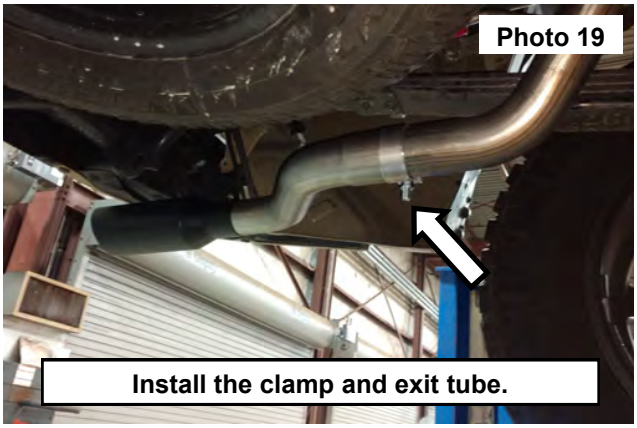


16. Install the 2 rubber hanger clips onto the left rear installed hanger. Using a small socket or tube will help installation over the rod. **See Photo 18.**



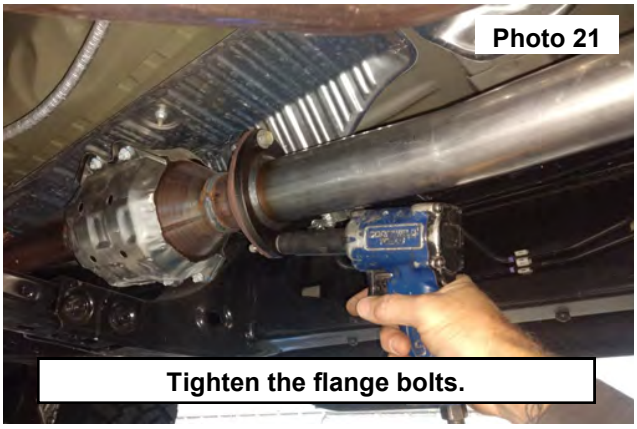


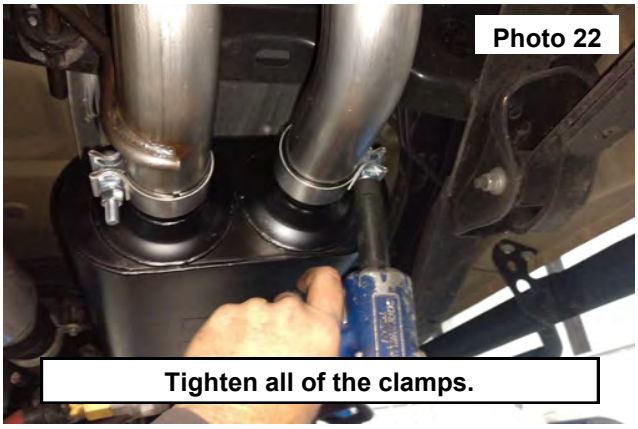
17. Choose the rear exit tubes. **Note:** Rear exit shown in **Photo 19** or side exit shown in **Photo 20**.
18. Install a clamp onto the exit tube then slide the exit tube onto the down tube on the driver and passengers side, snug clamp to were the exit tube can still be adjusted. **See Photo 19.**
19. Install the exhaust tip onto the exit tube on the driver and passengers side. **See Photo 20.**



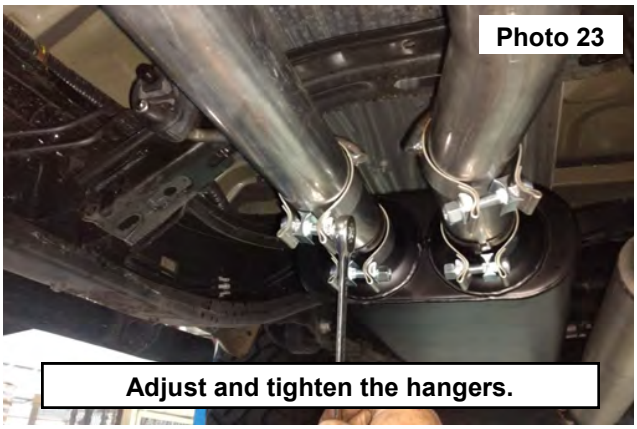


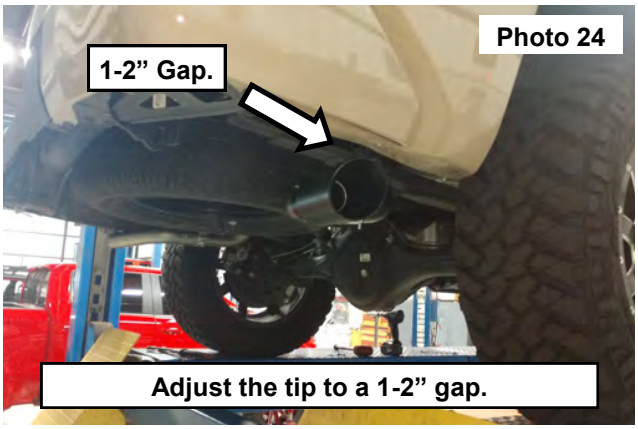
20. Adjust all tubes and the muffler to there proper fit.
21. Tighten the front OE hardware using a 14mm socket. **See Photo 21.**
22. Tighten the clamps and hanger brackets throughout the exhaust using a 16mm socket. **See Photos 22 and 23.**

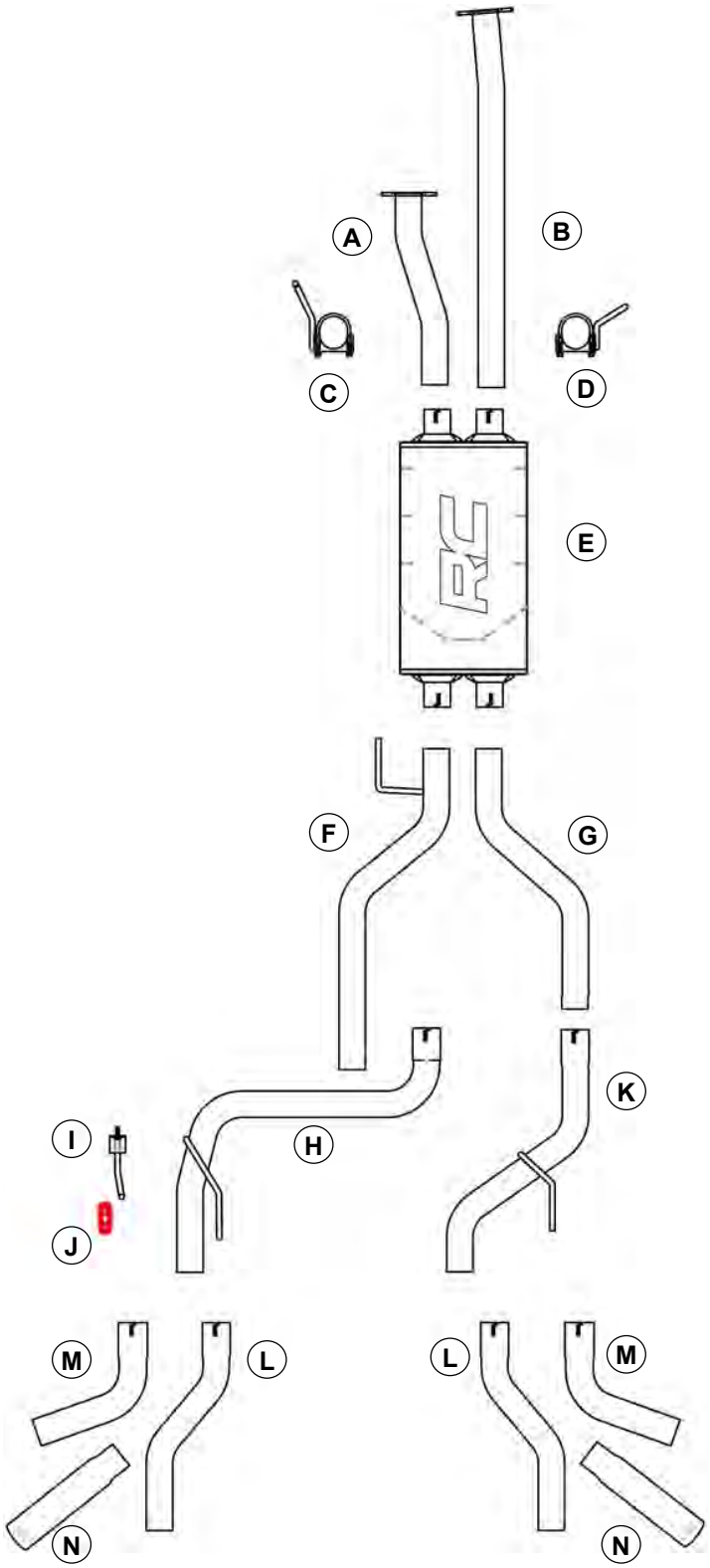




23. When tighten the exit tube and exhaust tip clamp, make sure there is 1-2” of clearance in between the bed and or bumper when tightening. **See Photo 24.**







By purchasing any item sold by Rough Country, LLC, the buyer expressly warrants that he/she is in compliance with all applicable, State, and Local laws and regulations regarding the purchase, ownership, and use of the item. It shall be the buyers responsibility to comply with all Federal, State and Local laws governing the sales of any items listed, illustrated or sold. The buyer expressly agrees to indemnify and hold harmless Rough Country, LLC for all claims resulting directly or indirectly from the purchase, ownership, or use of the items.