Rough Country 96005 Installation Instructions

96005

Part number: 96005

trailfortress.com/rough-country-performance-exhaust-96005

Scan for fitment, price and install help



Chevy / GMC 1999-06 1500 Performance Cat Back Exhaust

Congratulations on your purchase of a Rough Country Performance Exhaust system.

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.

Allow adequate time for the exhaust to cool before disassembly.

NOTICE: **Please see info below for CAB/BED fitment**.
Extended cab /short bed 4.8L & 5.3L Engines.

KIT CONTENTS:
Inlet Tube (A)x1
Muffler (B) x1
Left Exit Tube (C) x1
Right Exit Tube (D) x1
Cross Tube (E) x1
Rear Exit Tubes (F) x2
Side Exit Tube (G) x2
(Black) Exhaust Tip (H) x2
Rubber Mount Hanger (I) x2
Rubber Hanger (J) x2
Frame Plates (K) x2

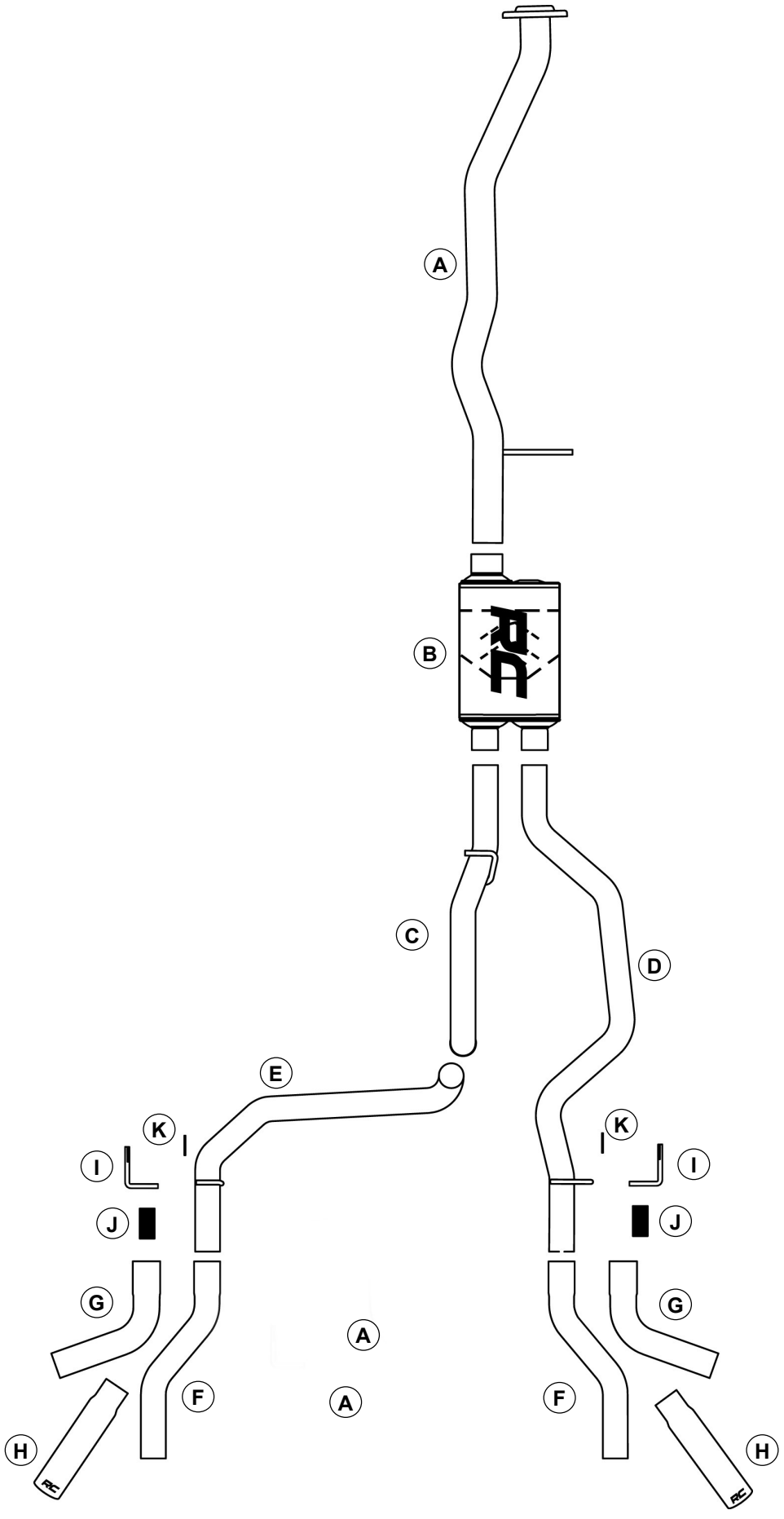
TOOLS NEEDED:
10mm Wrench or Socket
13mm Wrench or Socket
15mm Wrench or Socket
Stand for Muffler
Ratchet
Pry tool

HARDWARE INCLUDED:
2.5” Clamps x5
3” Clamp x1
3/8-16 x 1-1/4 Hex Head Bolts x2
3/8-16 Nuts x2
3/8” Flat Washers x2
3/8” Lock Washers x2
7/16” Steel Keepers x4
1/2” Steel Keepers x4

Torque Specs:

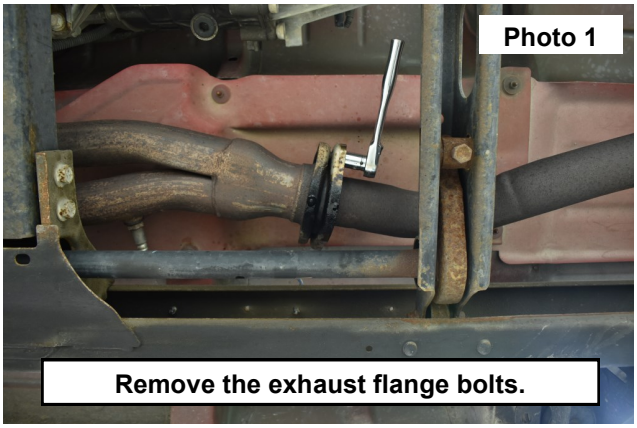
Size	Grade 5	Grade 8	Size	Class 8.8	Class 10.9
5/16”	15 ft/lbs	20ft/lbs	6MM	5ft/lbs	9ft/lbs
3/8”	30 ft/lbs	35ft/lbs	8MM	18ft/lbs	23ft/lbs
7/16”	45 ft/lbs	60ft/lbs	10MM	32ft/lbs	45ft/lbs
1/2”	65 ft/lbs	90ft/lbs	12MM	55ft/lbs	75ft/lbs
9/16”	95 ft/lbs	130ft/lbs	14MM	85ft/lbs	120ft/lbs
5/8”	135ft/lbs	175ft/lbs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

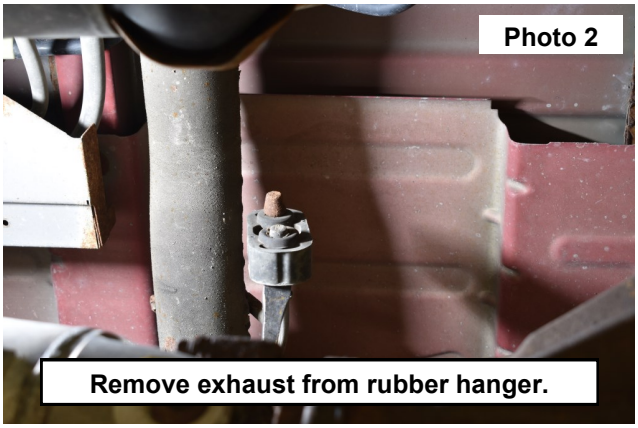
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A
B
C
D
E
K
I
J
G
A
F
H
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INSTALLATION INSTRUCTONS

1. Remove the (2) exhaust flange bolts above torsion bar cross member using 15mm socket. Retain hardware. **See Photo 1.**
2. Remove exhaust from rubber hanger above the axle. **See Photo 2.**



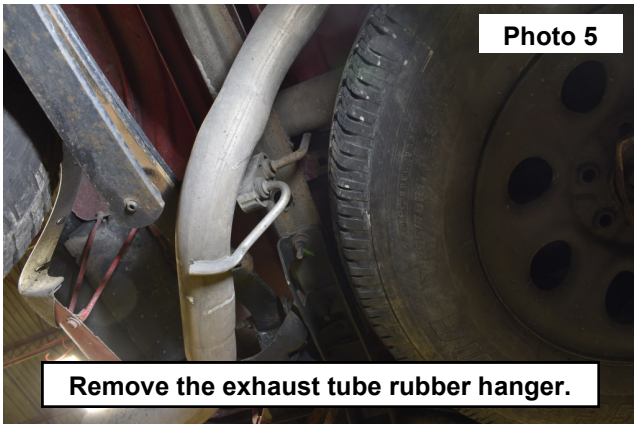


3. Remove exhaust from rubber hanger in front of the muffler. **See Photo 3.**
4. Remove exhaust from rubber hanger behind the muffler. **See Photo 4.**



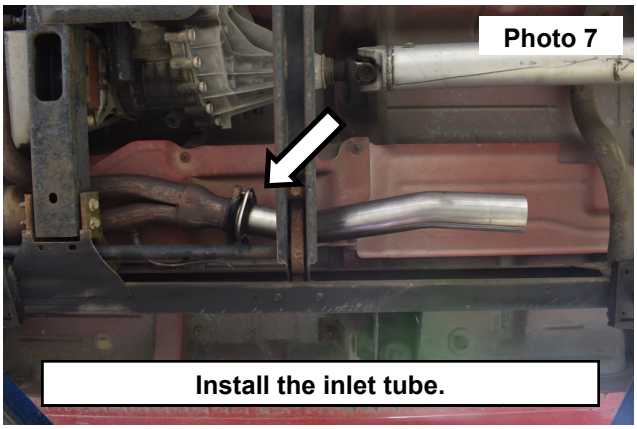


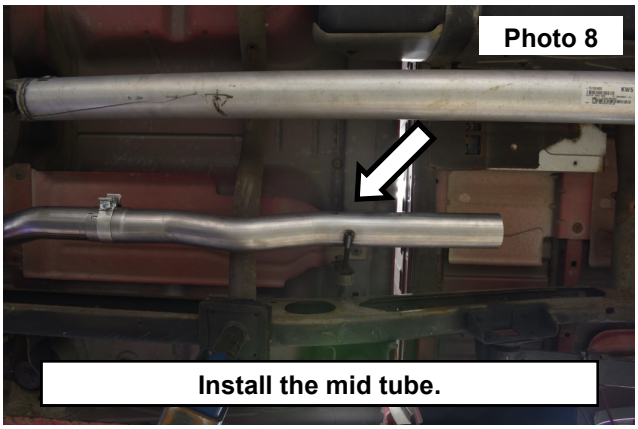
5. Remove exhaust from rubber hanger above the axle. **See Photo 5.**
6. Remove exhaust from the vehicle. **See Photo 6.**



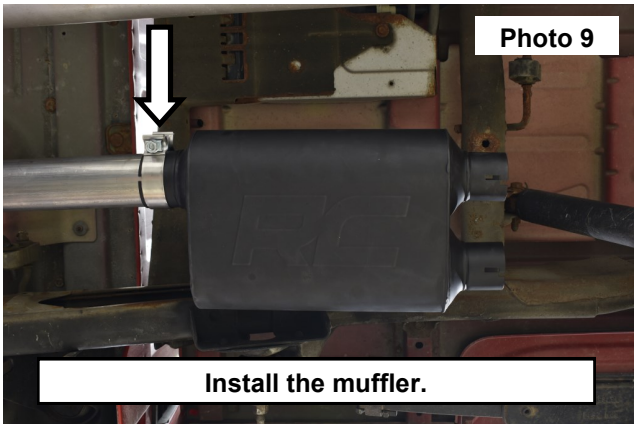


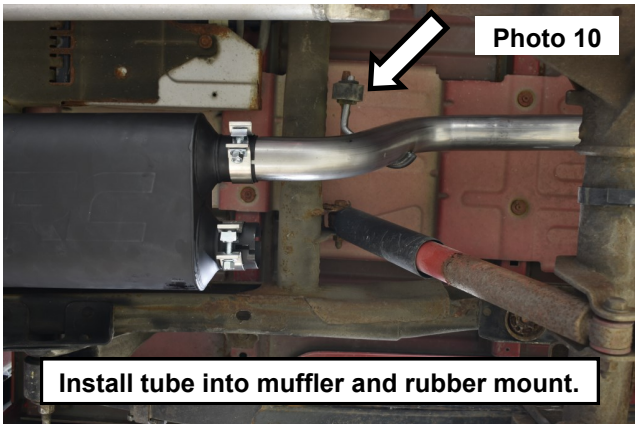
7. Install the inlet tube and flange onto the OE mounting flange. Secure using the (2) OE bolts. **See Photo 7.**
8. Install the mid tube into the first inlet tube, then install the tube mount into the OE rubber hanger on the frame. **See Photo 8.**



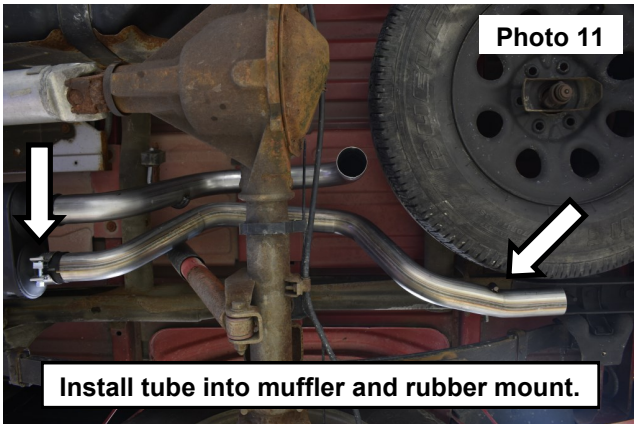


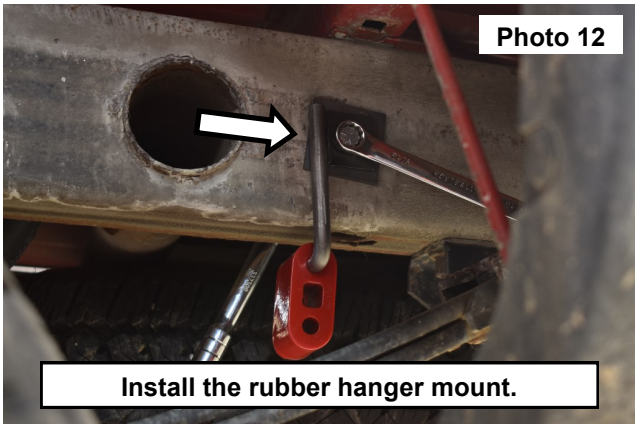
9. Install a 3” clamp onto the inlet flange of the muffler. Then install the muffler onto the inlet tube, support the muffler using a stand. Tighten the clamp using a 5/8” socket. **See Photo 9.**
10. Install (1) 2.5” Clamp onto the left exit flange of the muffler. Then install the exit tube into the muffler and the tube mount into the rubber hanger on the frame mount. **See Photo 10.**



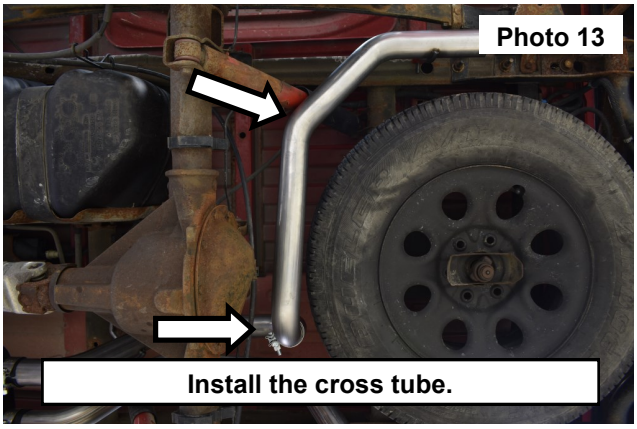


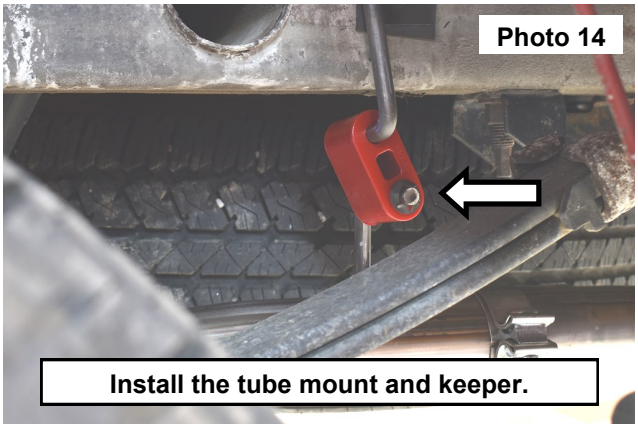
11. Install (1) 2.5” Clamp onto the right exit flange of the muffler. Then install the exit tube into the muffler and the tube mount into the rubber hanger on the frame mount. **See Photo 11.**
12. **Depending on year model use the supplied right side hanger bracket if needed on the frame shown in step 13.**
13. Install the rubber hanger frame mount on the left rear side of the frame using (1) of the supplied 3/8-16 x 1-1/4 hex head bolts (1) 3/8 lock washers and (1) 3/8” flat washers, (1) square backing plates and (1) 3/8-16 nut. Tighten using a 9/16” wrench and socket. **See Photo 12.**



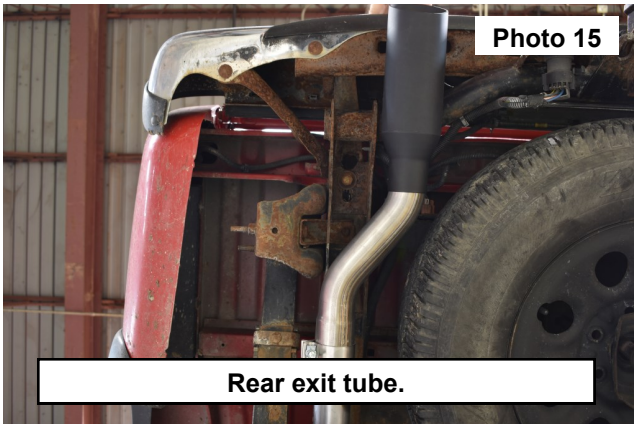


14. Install a 2.5” clamp onto the left side exit tube. Then install the cross tube into the left side exit tube and snug the clamp using a 5/8” socket. **See Photo 13.**
15. Install the cross tube mount into the installed rubber frame mount and secure using the supplied steel keepers on the tube mount. **See Photo 14.**



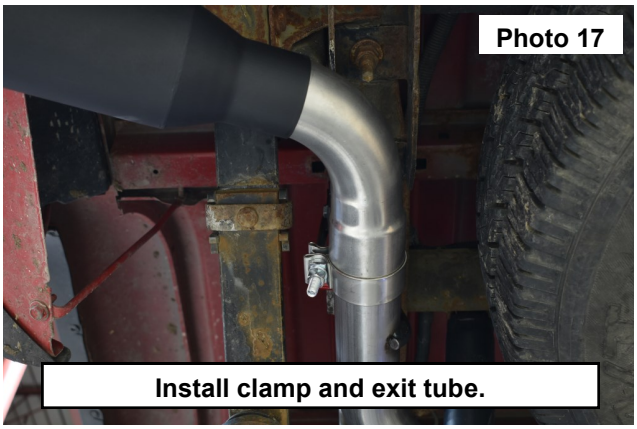


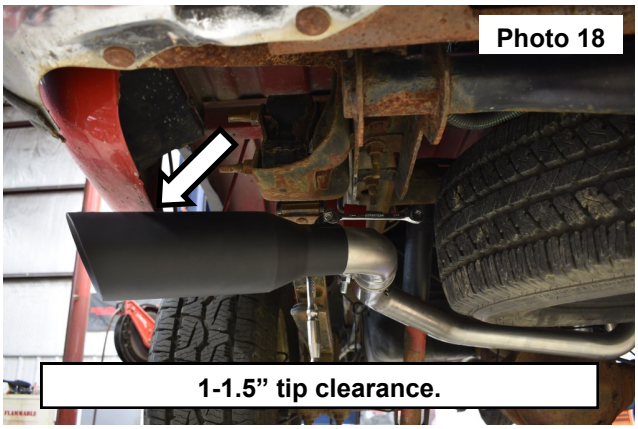
16. Choose between the rear exit tube shown in **Photo 15** or the side exit tube shown in **Photo 16.**





17. Install (1) 2.5” clamp onto the exit tube. Then install one of the exit tubes shown in photos 15 and 16. Snug the clamp using a 5/8” socket to hold the tube in place. **See Photo 17.**
18. Install the exhaust tip onto the rear exit tip. Tighten the tip onto the tube using a 10mm wrench or socket. Then adjust the exit tube and tip 1-1.5” to clearance the bed or bumper. **See Photo 18.**





19. Adjust all tubes to the desired position and tighten using a 5/8” socket.
20. Install the steel keepers onto the installed tube mounts.
21. Tighten the OE bolts using a 15mm socket.
22. Check to make sure there is adequate clearance between all exhaust pipes and other components. If needed move components or re-route to ensure they are protected.
23. Remove muffler stand and let the exhaust heat up.
24. Retighten after the exhaust has run a heat cycle

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