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Rough Country 96018 Installation Instructions

Dual Cat-Back Exhaust for 2021–2025 Ford F-150

Part number: 96018

trailfortress.com/dual-cat-back-exhaust-ford-f150-rough-country-96018

Scan for fitment, price and install help

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ROUGH COUNTRY
SUSPENSION SYSTEMS®

FORD 2021-UP F150 2.7, 3.5 & 5.0 Cat Back Exhaust

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:
Inlet Tube/ Flange x1 (A)
Exhaust Extension Tube x 1 (B)
Muffler x 1 (C)
DR Side Mid Tube x 1 (D)
Pass Side Mid Tube x 1 (E)
Pass Side Down Tube x 1 (F)
Exit Tubes W/ (Black) Exhaust Tips x 2 (G)

TOOLS NEEDED:
13mm Wrench or Socket
15mm Wrench or Socket
16mm Wrench or Socket

HARDWARE INCLUDED:
2.5” Exhaust Clamps x 5
3” Exhaust Clamp x 2
Hanger Retainer Washers x 4



Torque Specs:

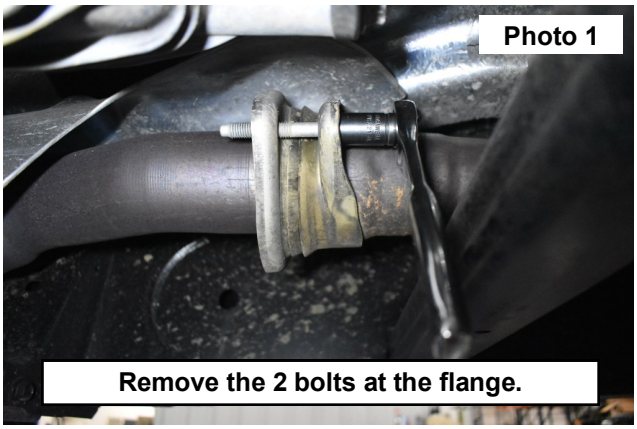
Size	Grade 5	Grade 8	Size	Class 8.8	Class 10.9
5/16”	15 ft/lbs	20ft/lbs	6MM	5ft/lbs	9ft/lbs
3/8”	30 ft/lbs	35ft/lbs	8MM	18ft/lbs	23ft/lbs
7/16”	45 ft/lbs	60ft/lbs	10MM	32ft/lbs	45ft/lbs
1/2”	65 ft/lbs	90ft/lbs	12MM	55ft/lbs	75ft/lbs
9/16”	95 ft/lbs	130ft/lbs	14MM	85ft/lbs	120ft/lbs
5/8”	135ft/lbs	175ft/lbs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

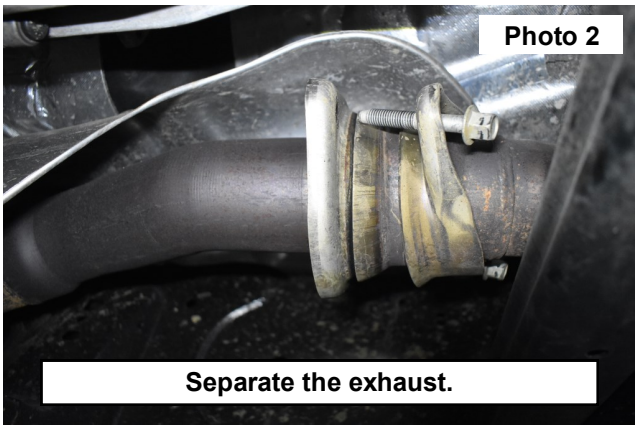
Pipe Length/ Wheel base Assembly Instructions

Wheelbase	Body Style	Bed Length	Pipe Required	Modification Needed
141”	Regular Cab	8”	Inlet Pipe Only	Trim 4” from Inlet Pipe
122”	Regular Cab	6’7”	Inlet Pipe Only	Trim 22” From Inlet Pipe
145”	Super Crew	5’7”	Inlet Pipe Only	No Modification Required
145”	Super Cab	6’7”	Inlet Pipe Only	No Modification Required
157”	Super Crew	6’7”	Inlet Pipe & Extension	Trim 6” from Extension Pipe
163”	Super Cab	8”	Inlet Pipe & Extension	No Modification Required

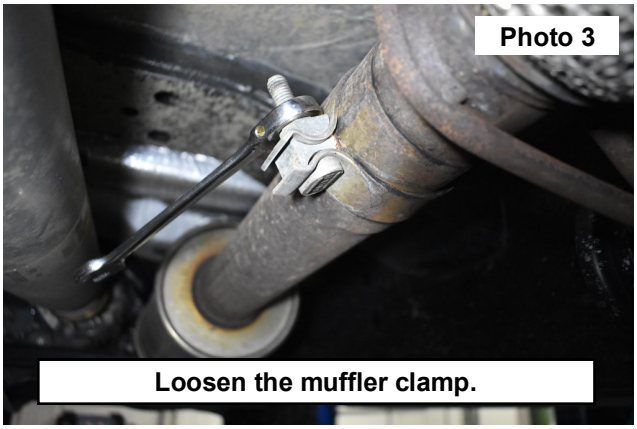
INSTALLATION INSTRUCTONS

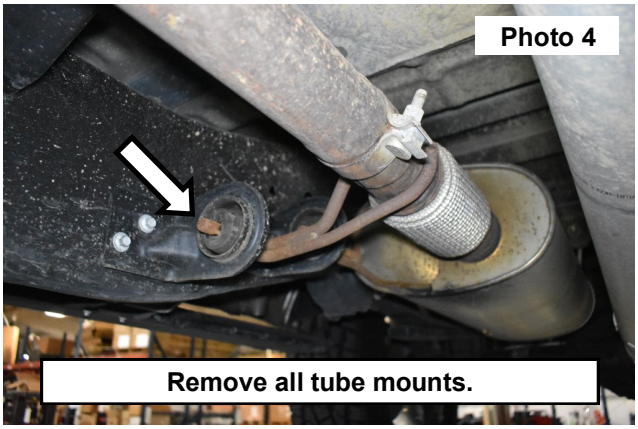
1. Remove the (2) bolts from the collector flange using a 15mm socket. **See Photos 1 and 2.**



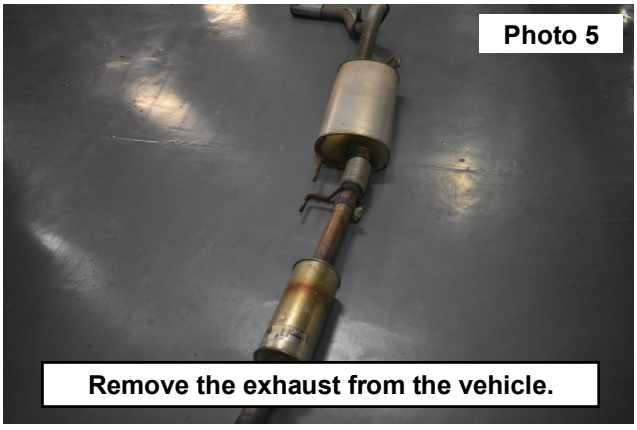


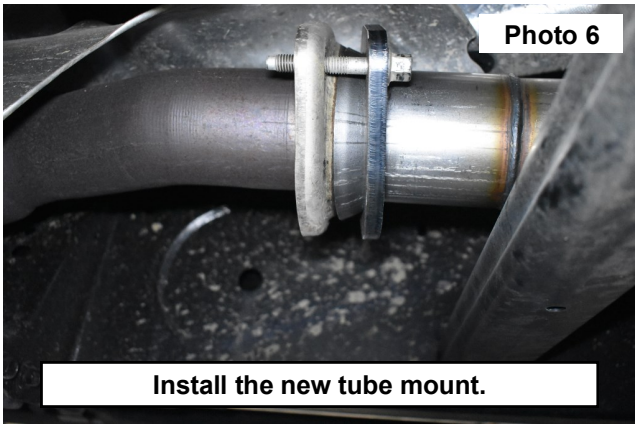
2. Loosen the muffler inlet clamp using a 15mm wrench. **See Photo 3.**
3. Remove the tube mounts from the exhaust hangers. **See Photo 4.**



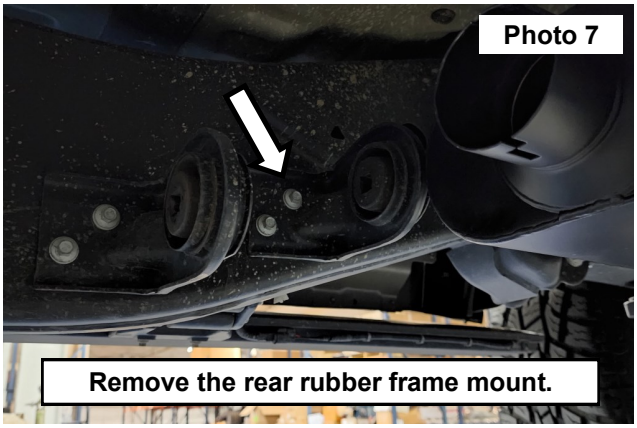


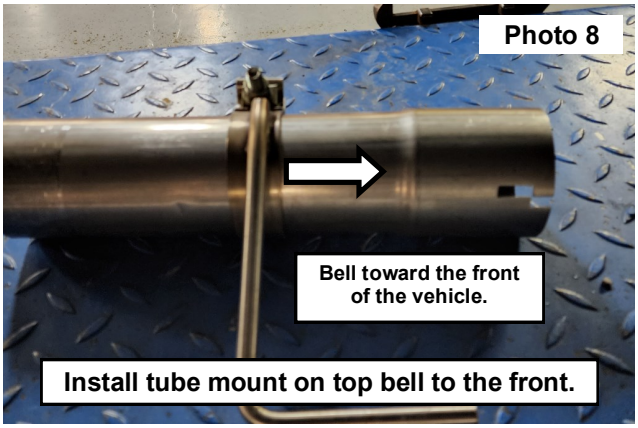
4. Remove the exhaust system from the vehicle. **See Photo 5.**
5. **Using the information above**, Install / Trim the new tube w/flange and extension tube if needed onto the OE exit tube. Hand tighten the bolts so the tube can move for installation of the exhaust. **See Photo 6.**



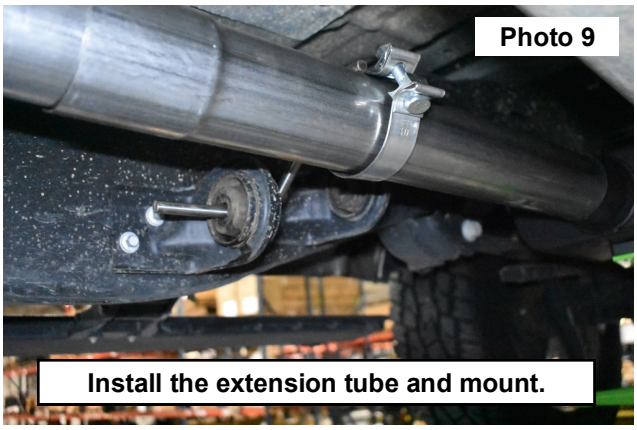


6. Remove the rear rubber frame mount using a 13mm socket. **See Photo 7.**
7. Locate the and install a tube mount onto the mid tube using the clamp. Install the mount to the top of the tube , bell to the front of the vehicle. **See Photo 8.**



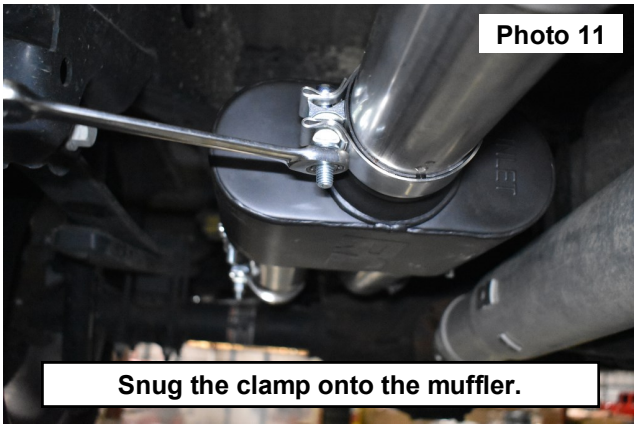


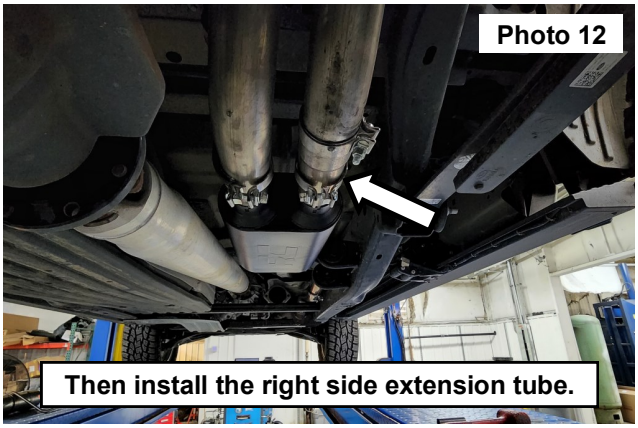
8. Install the bell side of the tube onto the exit tube, then slide the tube mount into the rubber frame mount. Snug the tube clamp using an 16mm socket. **See Photo 9.**
9. Install a clamp onto the inlet flange of the muffler, Then support and install the muffler onto the inlet tube. **See Photo 10.**



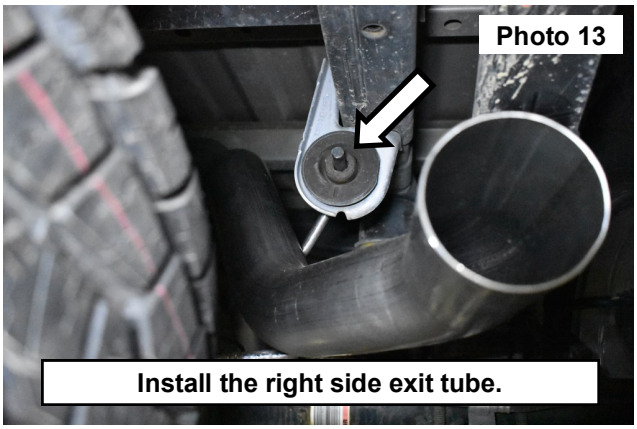


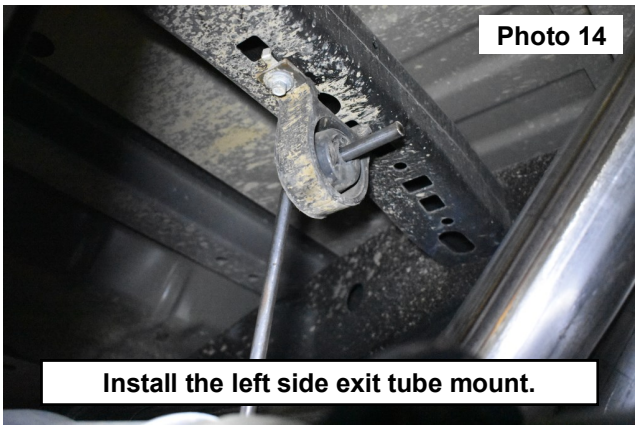
10. Snug the clamp onto the muffler using a 16mm socket. **See Photo 11.**
11. Install a clamp onto the right and left exit flange of the muffler. Then install the right side extension tube into the flange of the muffler. **See Photo 12.**



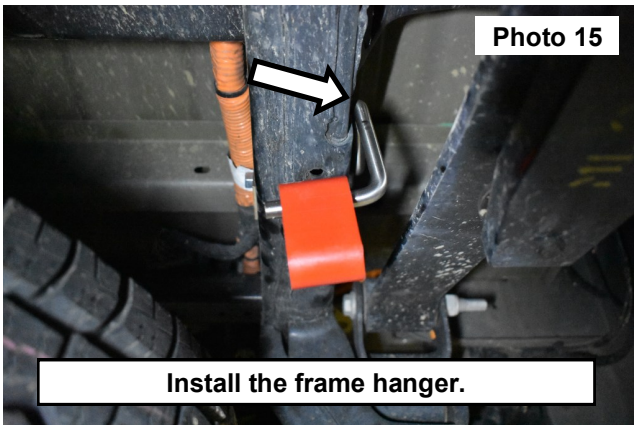


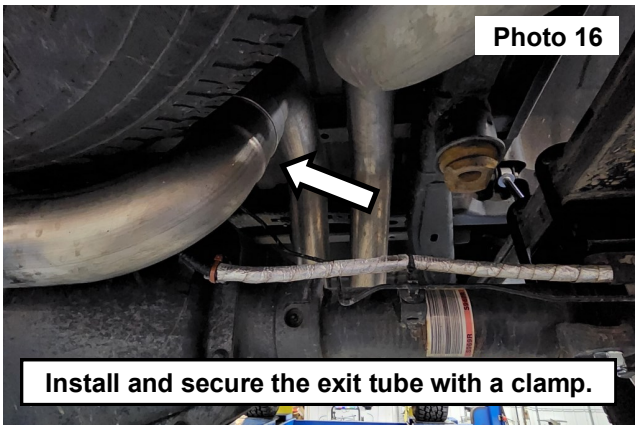
12. Install the right side exit tubes hanger into the rubber frame mount. **See Photo 13.**
13. Install the left side exit tube into the rubber frame mount and the flange of the muffler. **See Photo 14.**



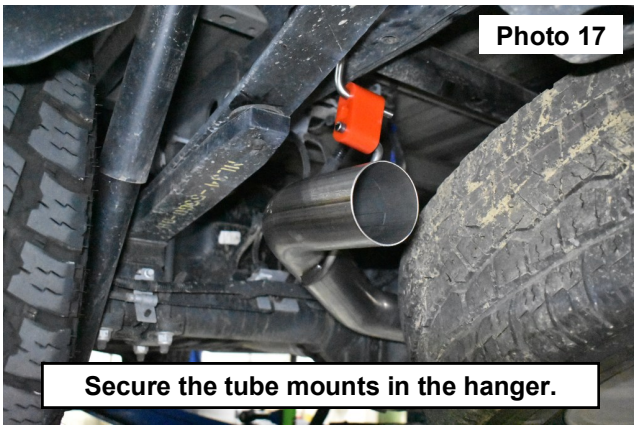


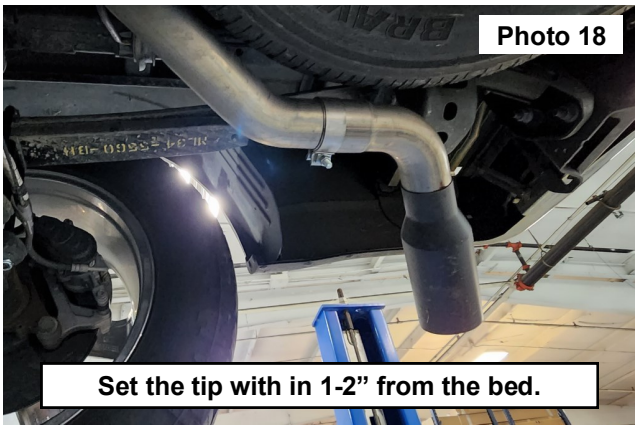
14. Install the frame hanger and the rubber mount onto the left side of the frame. Use the supplied hardware. **See Photo 15.**
15. Using a clamp install and secure the exit tube into the mufflers exit tube. **See Photo 16.**



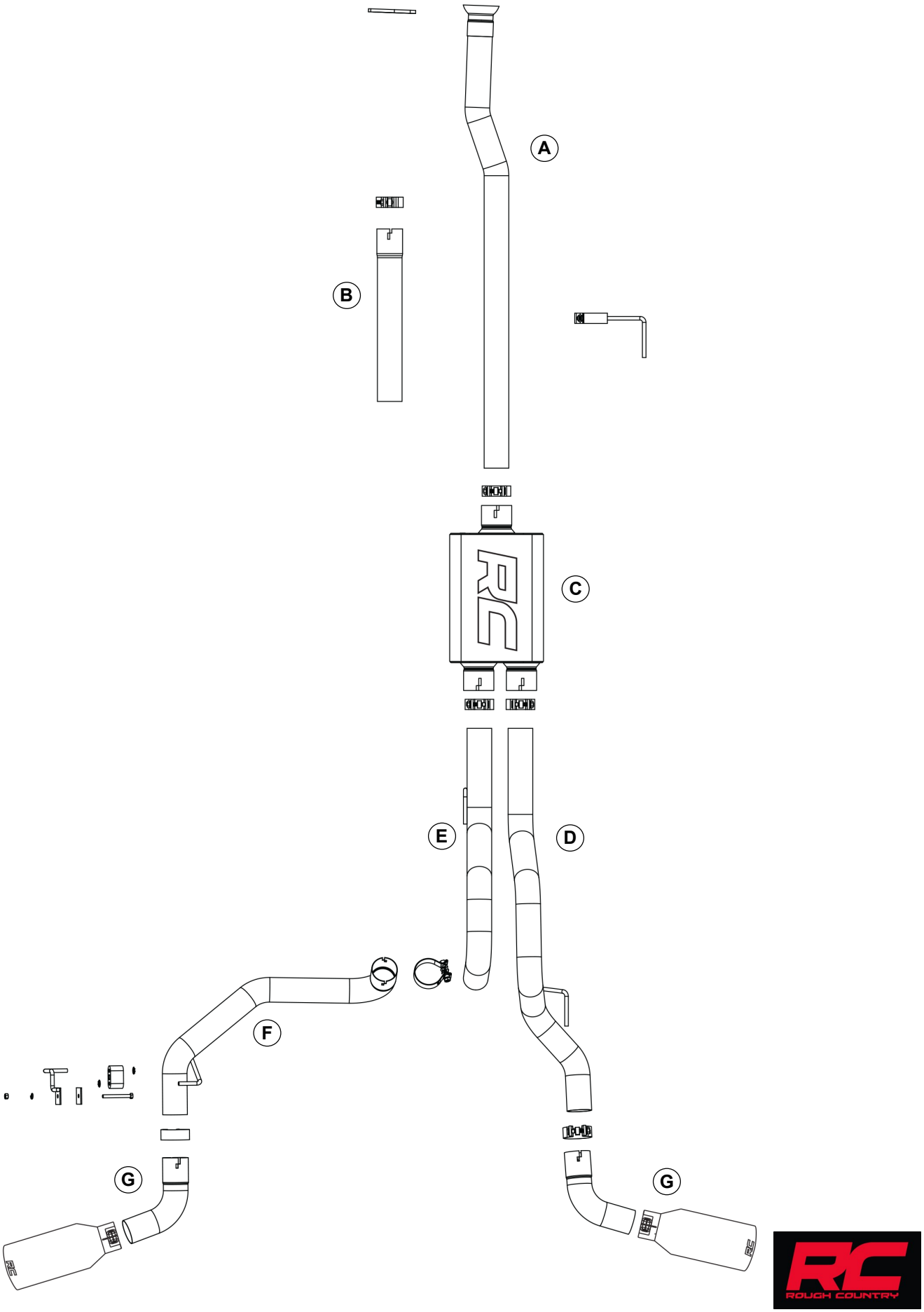


16. Install the tube mount into the rubber frame mount. Secure using the supplied clip washers. **See Photo 17.**
17. Install the 45 degree exit tube on the driver and as the passengers side shown secure the tube using a clamp. Snug the clamp. Then install the exhaust tip. Set the angel of the tube with clearance in-between the bed and the tip. **See Photo 18.**
18. Set the tip with in 1-2” away from the bed.
19. Adjust and tighten all clamps using an 16mm socket.





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