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# Rough Country 96014 Installation Instructions

Performance Cat-Back Exhaust for Silverado and Sierra 1500 6.2L

Part number: 96014

trailfortress.com/rough-country-performance-cat-back-exhaust-96014

Scan for fitment, price and install help




# GM 2019 Silverado / Sierra 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.
Allow the stock exhaust to cool before removal. Periodically check all hardware for tightness.

**Allow adequate time for the exhaust to cool before disassembly.**

**Fits: 5.3L 5.8' & 6.6' bed Crew Cab and Double Cab Vehicles with factory rear dual exhaust.**
**This kit allows the option to retain the factory dual tips if desired**

***NOTICE:*** **Please see info below for various wheelbase options**.
148" WB Crew Cab - 5.8' Bed. *Use tube "A" only.*
145" WB Crew Cab - 6.6' Bed. *Use tube "A" & "B"*
148" WB Double Cab - 6.6' Bed. *Use tube "A" only.*

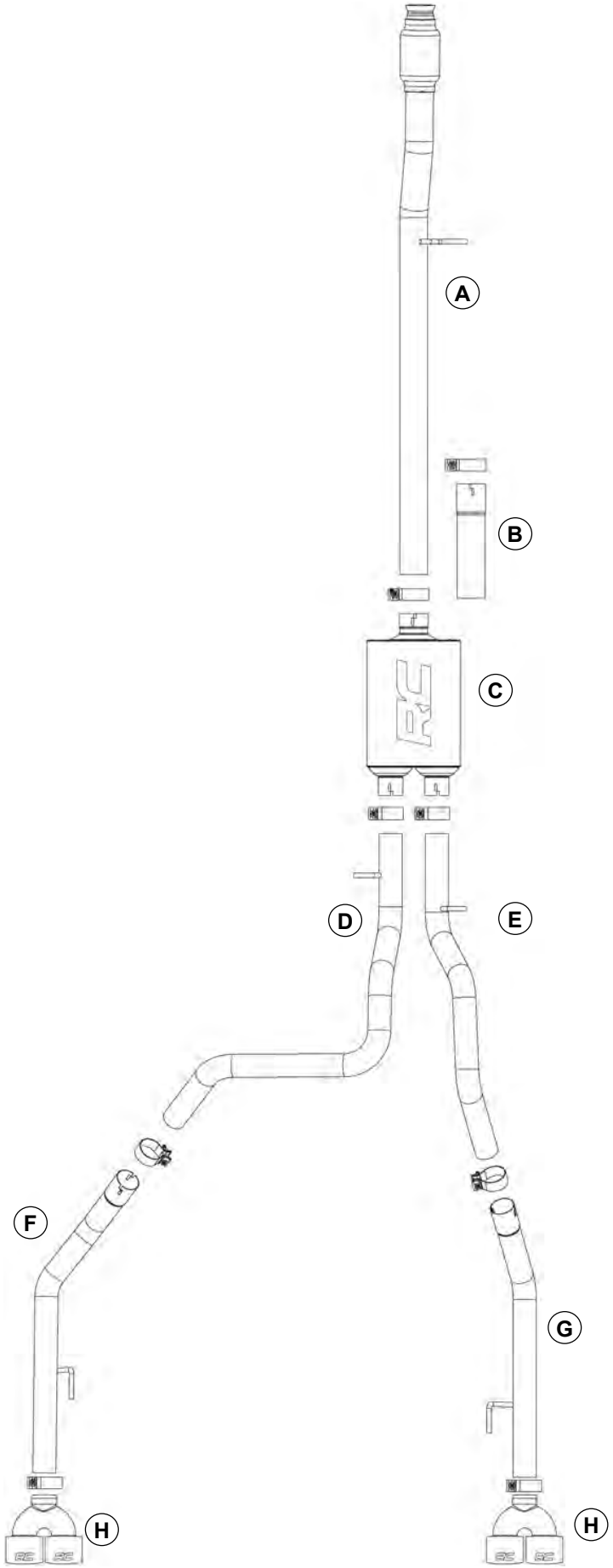
**KIT CONTENTS:**
**Inlet Tube x1 (A)**
**Exhaust Extension Tube x 1 (B)**
**Muffler x 1 (C)**
**DR Side Mid Tube x 1 (D)**
**Pass Side Mid Tube x 1 (E)**
**Dr Side Exit Tube x 1 (F)**
**Pass Side Down Tube x 1 (G)**
**Exit Tubes W/ (Black) Exhaust Tips x 2 (H)**

**HARDWARE INCLUDED:**
**2.5" Exhaust Clamps x 6**
**3" Exhaust Clamp x 2**
**1/2" Hanger Retainer x 5**

**TOOLS NEEDED:**
**10mm Wrench / Socket**
**13mm Wrench / Socket**
**15mm Wrench /Socket**
**16mm Wrench or Socket**

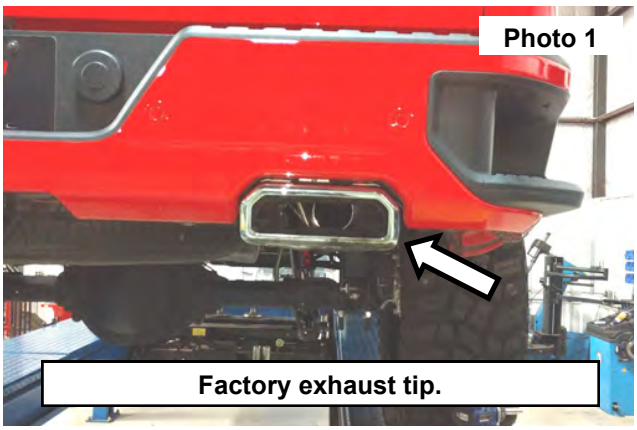
**Torque Specs:**

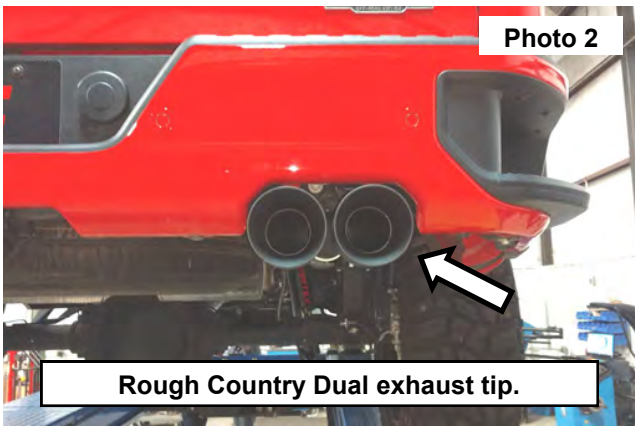
| Size | Grade 5 | Grade 8 | Size | Class 8.8 | Class 10.9 |
|---|---|---|---|---|---|
| 5/16" | 15 ft/lbs | 20ft/lbs | 6MM | 5ft/lbs | 9ft/lbs |
| 3/8" | 30 ft/lbs | 35ft/lbs | 8MM | 18ft/lbs | 23ft/lbs |
| 7/16" | 45 ft/lbs | 60ft/lbs | 10MM | 32ft/lbs | 45ft/lbs |
| 1/2" | 65 ft/lbs | 90ft/lbs | 12MM | 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 |


A
B
C
D
E
F
G
H
H

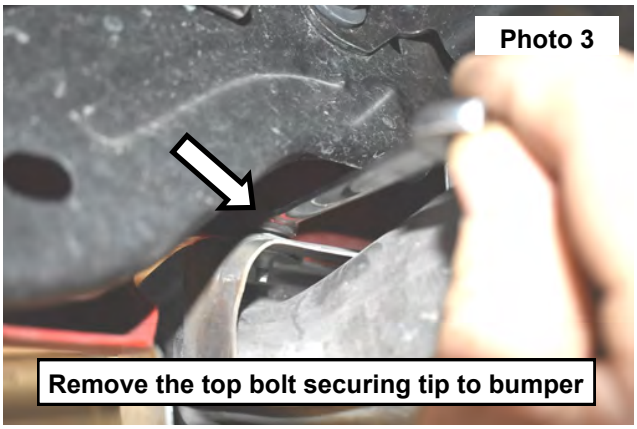
## INSTALLATION INSTRUCTONS

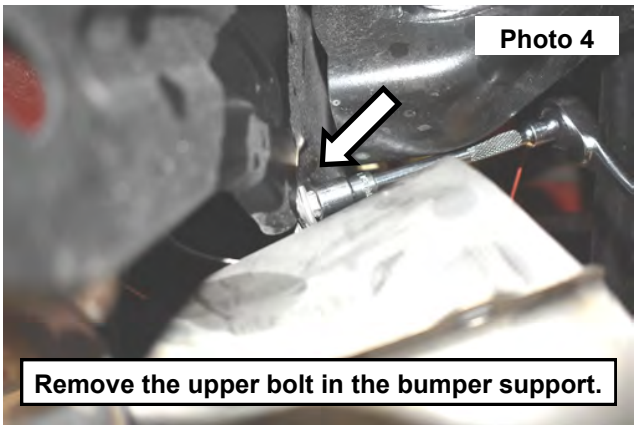
1. This exhaust system gives the option of retaining the factory chrome exhaust tip shown in **Photo 1** or installing the Rough Country dual exhaust black tip as shown in **Photo 2.**
2. Skip to **Step 6** if the factory chrome exhaust tips will be retained for this install.



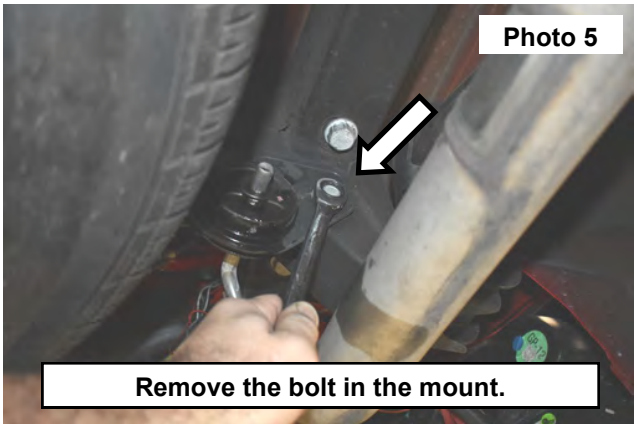



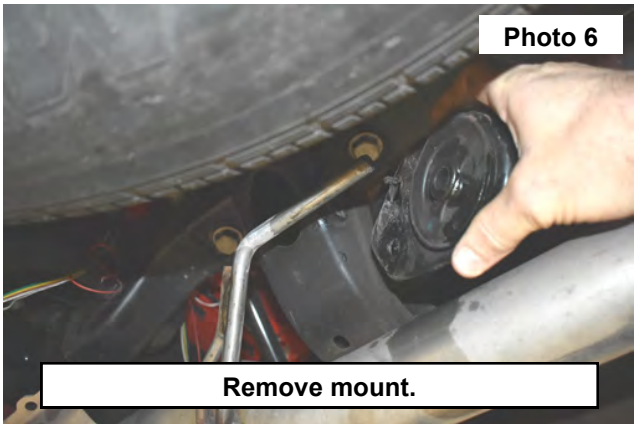

3. Using a 10mm wrench remove the 2 bolts in the top of the exhaust tip from the bumper. **See Photo 3.**
4. Using a 10mm socket and ratchet remove the upper bolt from the exhaust tip, then remove the tip from the rear bumper. **See Photo 4.**
5. Repeat this process on the opposite side of the vehicle to remove both rear exhaust tips.



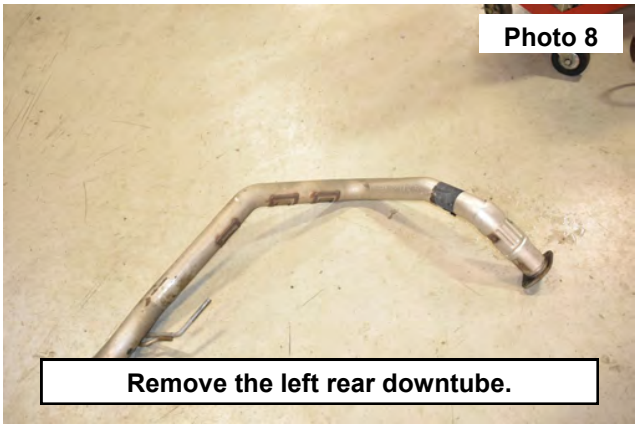

6. Using a 15mm wrench remove the exhaust tube mounts on each side of the frame. Retain the 2 bolts and the 2 mounts for later use. **See Photos 5 and 6.**



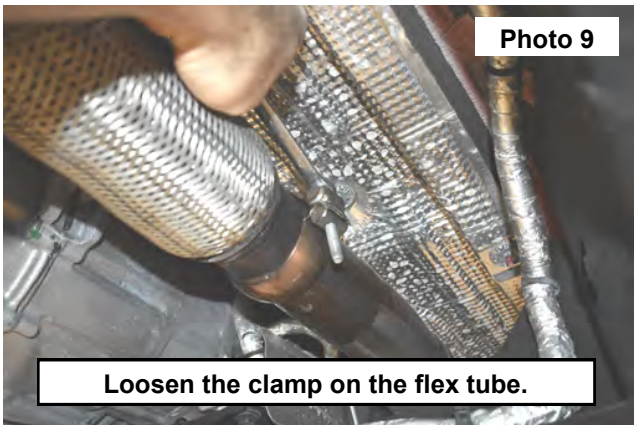



7. Remove the 2 nuts from the studs on the left rear down tube connection using a 13mm wrench. **See Photo 7.**
8. Remove the down tube. **See Photo 8.**



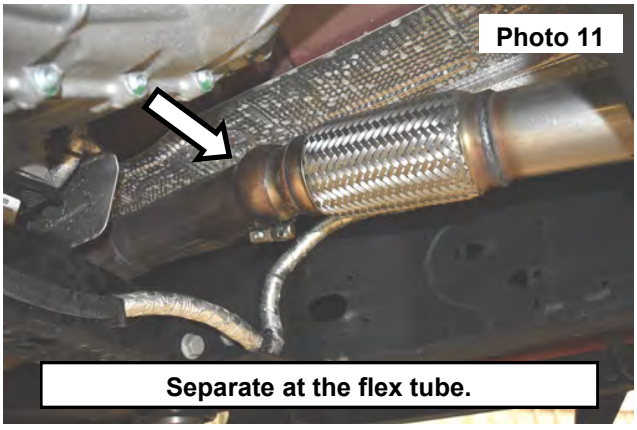

9. Loosen the clamp on the flex tube to the engine exit tube using a 13mm wrench. **See Photo 9.**
10. Use a pry tool to remove the exhaust mounts from the rubber hangers in the front of, and behind the muffler. **See Photo 10.** Do not remove the rubber hanger from the vehicle these will be reused.

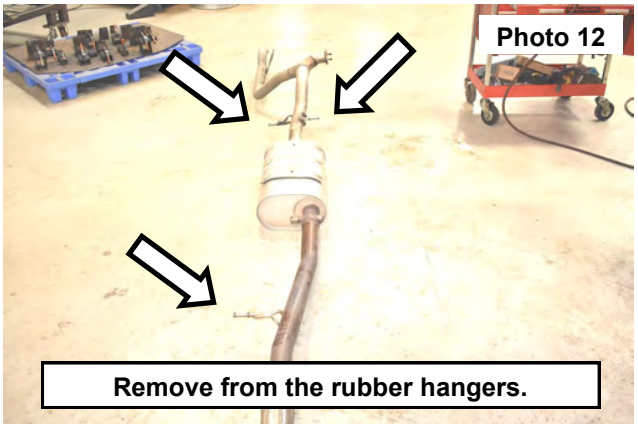




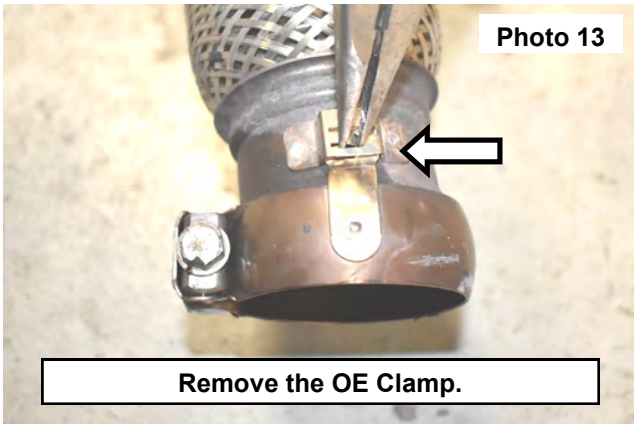


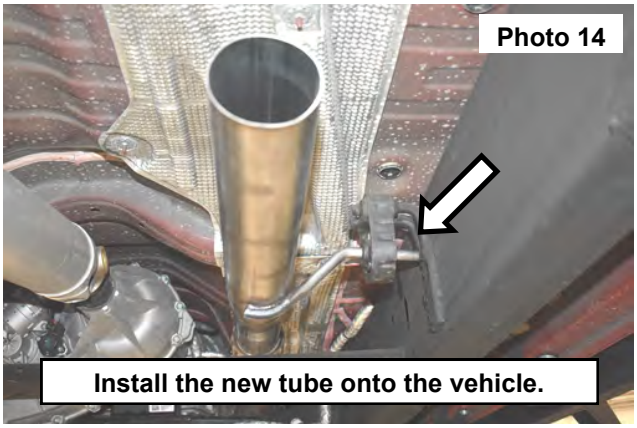
11. Once the exhaust has been removed from the 3 rubber hanger mounts, separate at the flex tube clamp shown in **Photo 11** and carefully remove the exhaust. **See Photo 12** shows the location of the stock hangers.



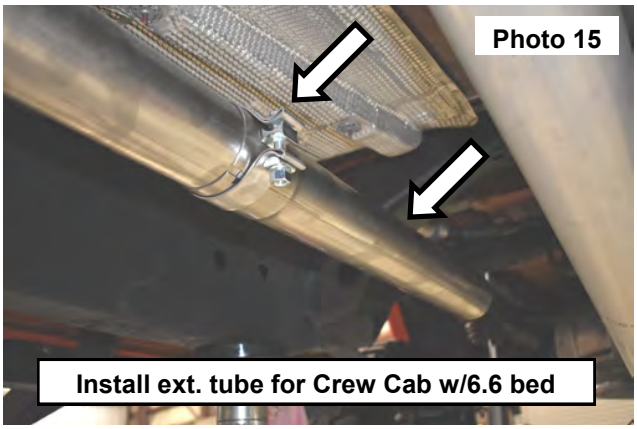



12. Using long nose plyers raise the tab up and remove the clamp for reuse from the flex tube. **See Photo 13.**
13. Install the OE clamp onto the new inlet tube and install onto the vehicle using the rubber hanger. **See Photo 14.**



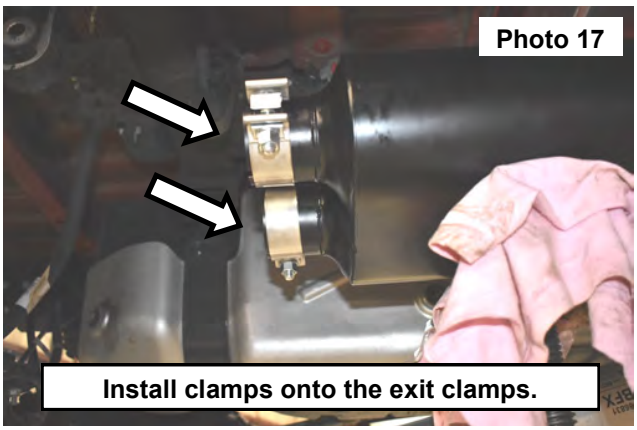

14. If installing on Crew Cab w/ 6.6' bed, Install (1) 3" clamp onto the extension tube "B", then install onto the inlet tube, snug the clamp using a 16mm socket. **See Photo 15.**
15. Use a stand to support the muffler under the vehicle. Install a 3" clamp onto the inlet side of the muffler and install onto the extension tube. **See Photo 16.**

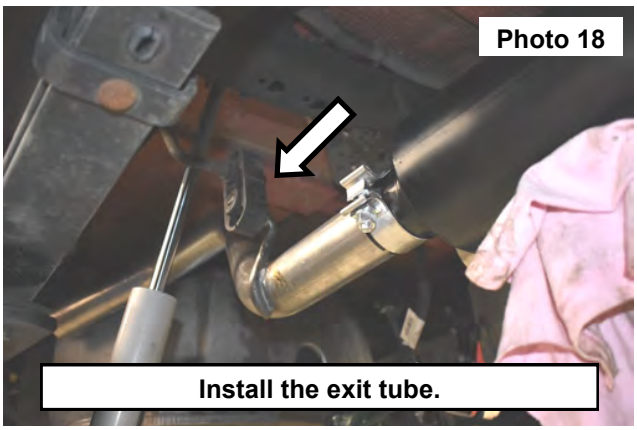




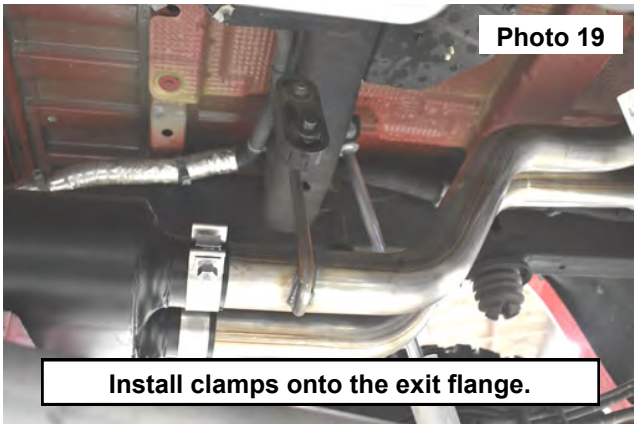


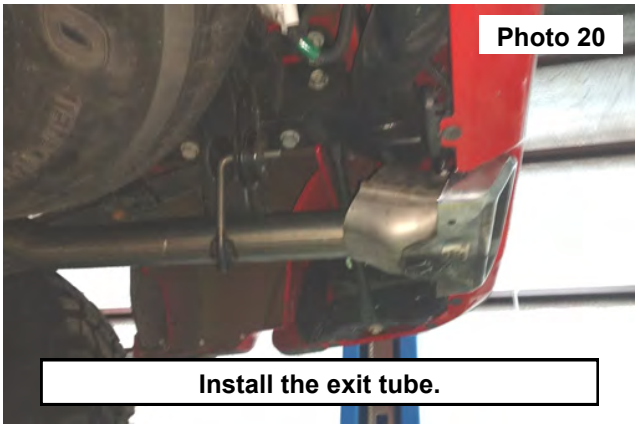
16. Install (1) 2 1/2" clamp onto each exit flange of the muffler. **See Photo 17.**
17. Install the Passenger side exit tube into the muffler then install the tube mount into the rubber mount. **See Photo 18.**



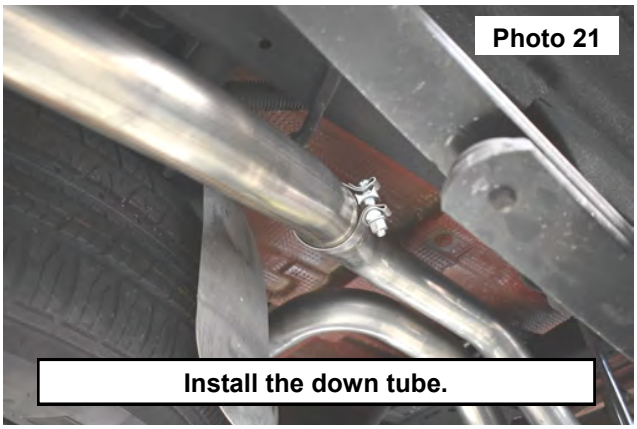



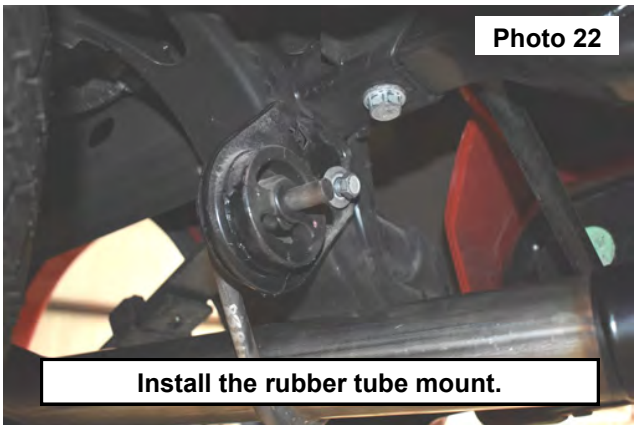
18. Install the Driver side exit tube into the muffler then install the tube mount into the rubber mount. **See Photo 19.**
19. Install (1) 2 1/2" clamp on the rear exit tubes, NOTE: *if the exhaust is being installed with the factory exhaust tip*. Install the exit tube into the exhaust tip first then into the exit tube, NOTE: *if not using the factory exhaust tips install clamp and tube.* **See Photo 20 and 21.** Repeat step on opposite side of the vehicle.



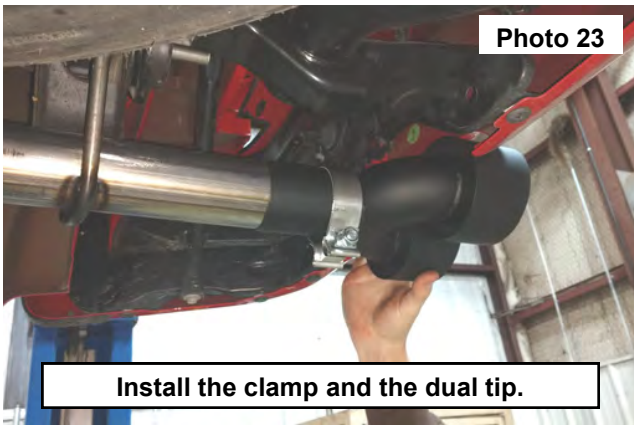



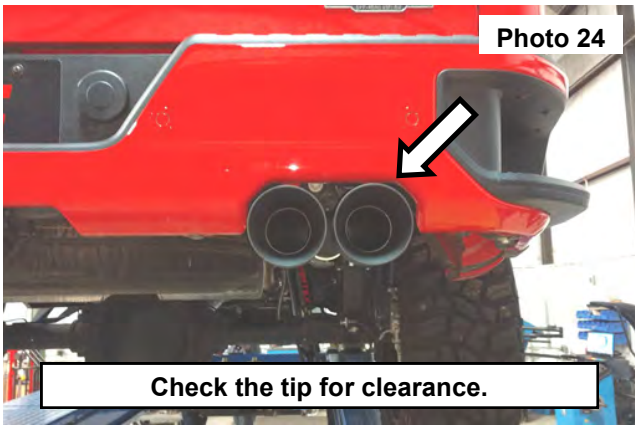

20. Install the rubber mount onto the tube mount, then install onto the frame in the original location, secure using the retained hardware. Tighten using a 13mm socket. **See Photo 21.** Repeat on the opposite side of the vehicle.




21. NOTE: *If installing the dual exhaust tips.* Install a clamp onto the flange of the exhaust tip, then install onto the rear of the exit tube. **See Photo 23.**
22. Check to insure its aligned with the bumper and has clearance on each side of the tip. Then tighten the clamp using a 16mm socket. **See Photo 24.**




23. **Adjust as necessary and tighten all clamps.**

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