TRAIL FORTRESS

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Rough Country 10479 Installation Instructions

Cold Air Intake for Jeep Wrangler 4WD (2018-2025)

Part number: 10479

trailfortress.com/cold-air-intake-3-6l-jeep-wrangler-and-gladiator-rough-country-10479

Scan for fitment, price and install help

ROUGH COUNTRY SUSPENSION SYSTEMS®

921047900

JEEP 2018-20 JL / JLU / JT Cold Air Intake V6-3.6L

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.

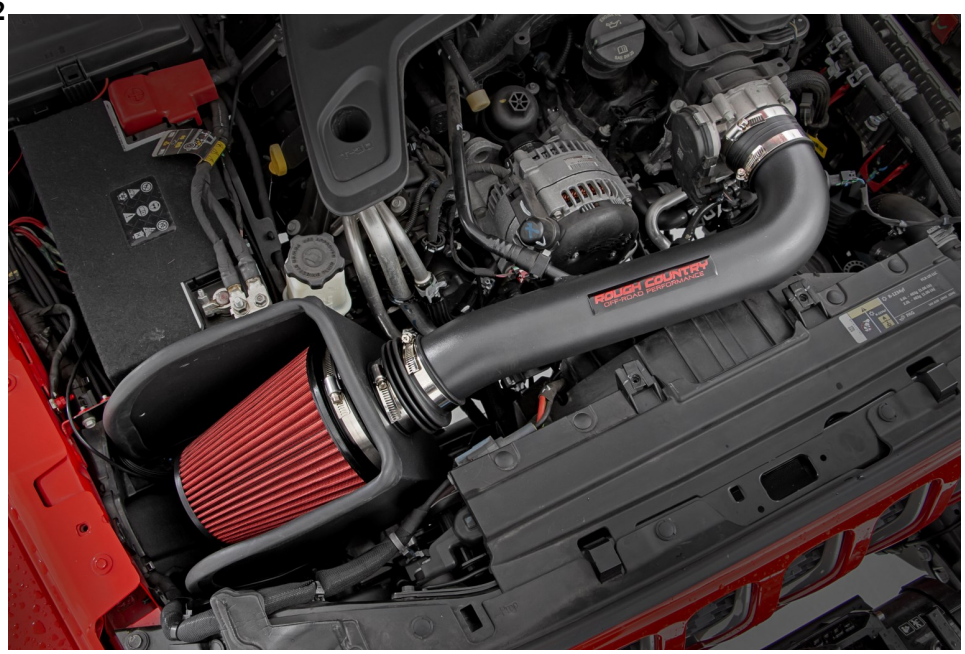
Periodically check all hardware for tightness.

NOTICE: NOT LEGAL FOR SALE OR USE IN CALIFORNIA OR OTHER STATES ADOPTING CARB REGULATIONS

KIT CONTENTS:
- Head Shield Seal x1
- Heat Shield x1
- Filter x1
- Filter Adapter x1
- Filter Clamp x1
- Intake Tube x1
- Flex Tube x1
- Temp Sensor Gasket x1
- 3” Clamp x4
- Heat Shield Adapter Mounts x2
- Rubber Coupler x1

TOOLS NEEDED:
- Pry tool
- 8mm Socket
- 10mm Socket
- 13mm Wrench or Socket

HARDWARE INCLUDED:
- 8mm-1.25 x 16mm Hex Head Bolts x2
- 8mm Lock Washers x2
- 8mm Flat Washers x2
- 6mm studded Rubber Adapter x1
- 6mm Flat Washer x1
- 6mm Lock Nut x1



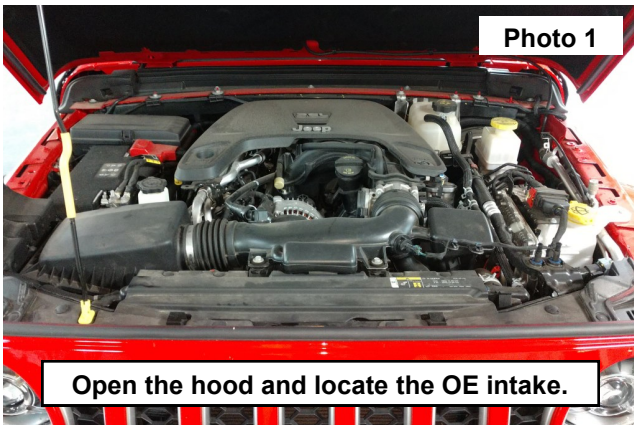
Torque Specs:

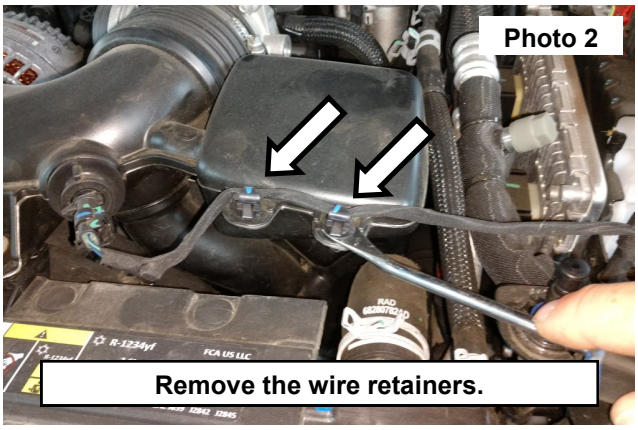
Size	Grade 5	Grade 8	Size	Class 8.8	Class 10.9
5/16”	15 ft/lbs	20ft/lbs	6MM	5ft/lbs	9ft/lbs
3/8”	30 ft/lbs	35ft/lbs	8MM	18ft/lbs	23ft/lbs
7/16”	45 ft/lbs	60ft/lbs	10MM	32ft/lbs	45ft/lbs
1/2”	65 ft/lbs	90ft/lbs	12MM	55ft/lbs	75ft/lbs
9/16”	95 ft/lbs	130ft/lbs	14MM	85ft/lbs	120ft/lbs
5/8”	135ft/lbs	175ft/lbs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

RC ROUGH COUNTRY

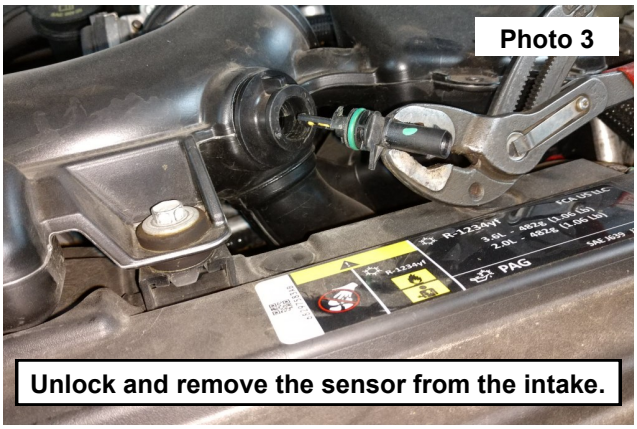
INSTALLATION INSTRUCTONS

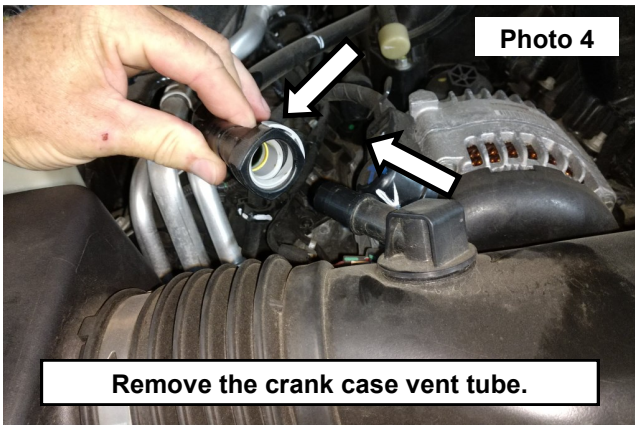
1. Open the hood of the vehicle and locate the air intake and filter box. **See Photo 1.**
2. Using a pry tool remove the (2) sensor wire retainers from the intake. Then disconnect the wire from the sensor. **See Photo 2.**



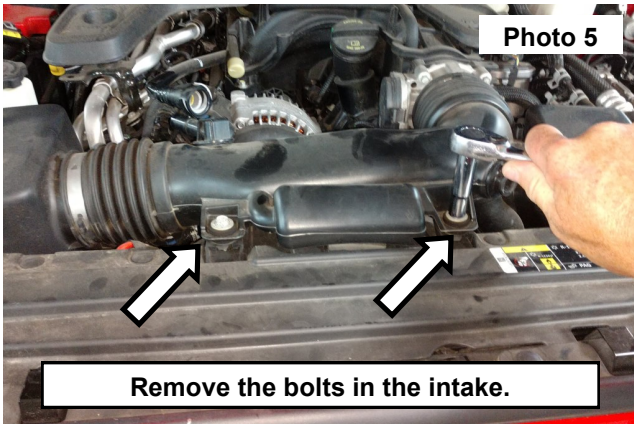


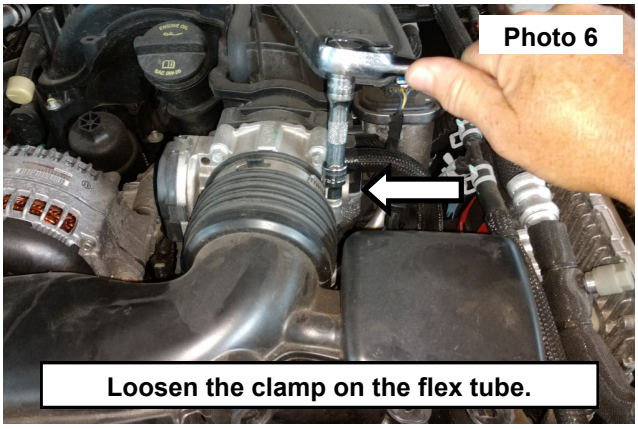
3. Twist to unlock the sensor and remove from the intake. **See Photo 3.**
4. Compress the clip on the side of the crank case vent tube. Then remove the line from the intake fitting. **See Photo 4.**



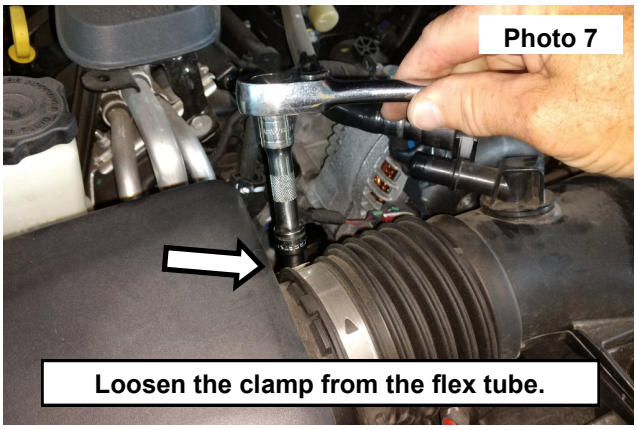


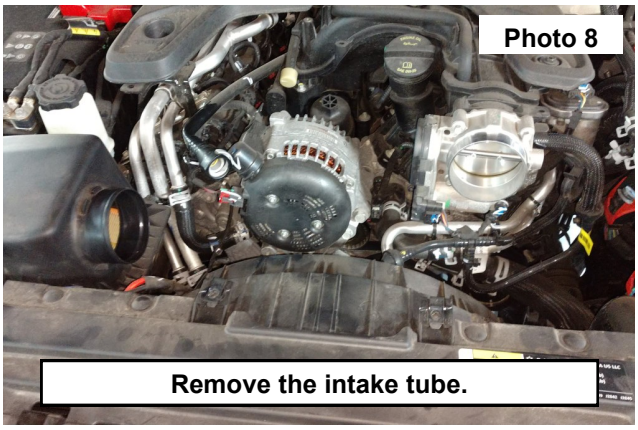
5. Remove the (2) bolts securing the intake to the radiator support using a 10mm socket. **See Photo 5.**
6. Loosen the clamp on the intake side of the flex tube using an 8mm socket. **See Photo 6.**



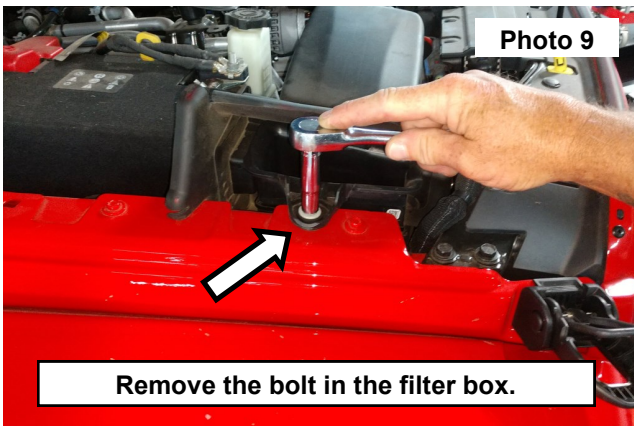


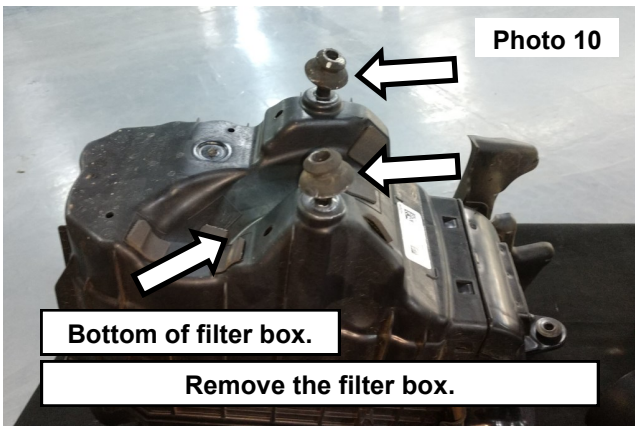
7. Loosen the clamp on the intake box side of the flex tube using an 8mm socket. Then remove the intake tube. **See Photo 7 and 8.**



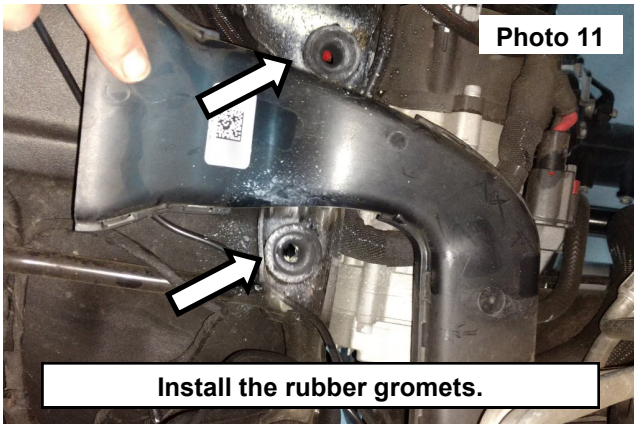


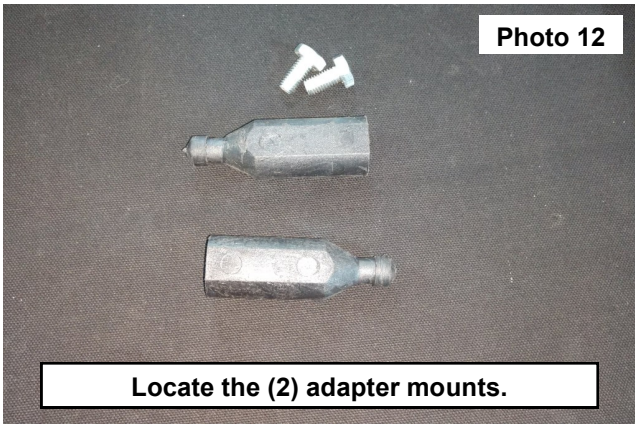
8. Remove the bolt in the air filter box using a 10mm socket. **See Photo 9.**
9. Remove the air filter box from the vehicle by pulling the box tabs from (2) rubber gromets in the lower side of the box. Remove and Retain the (2) rubber gromets for reuse. **See Photo 10.**



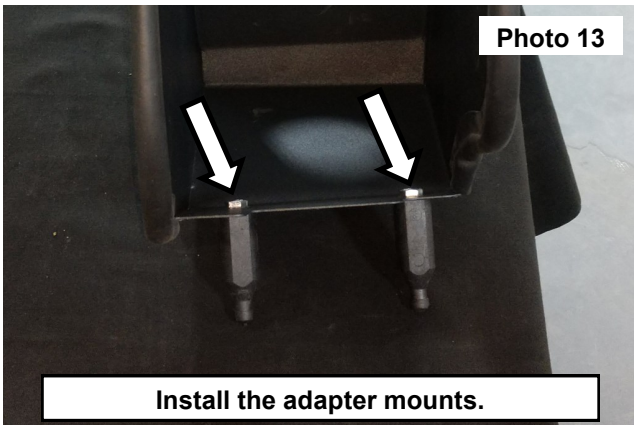


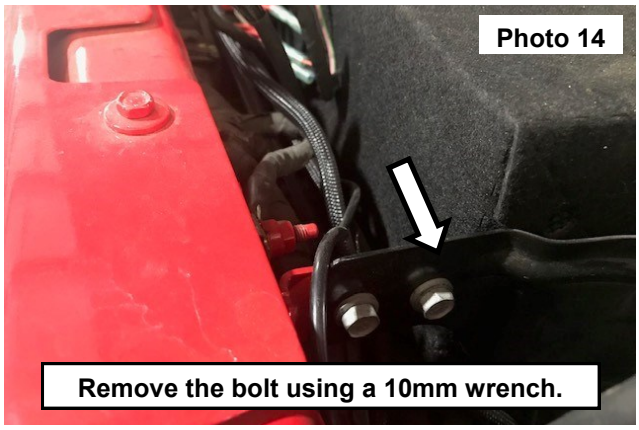
10. Install the removed rubber gromets into the original location. **See Photo 11.**
11. Locate the (2) lower heat shield adapter mounts and (2) 8mm-1.25 x 16mm Hex Head Bolts. **See Photo 12.**



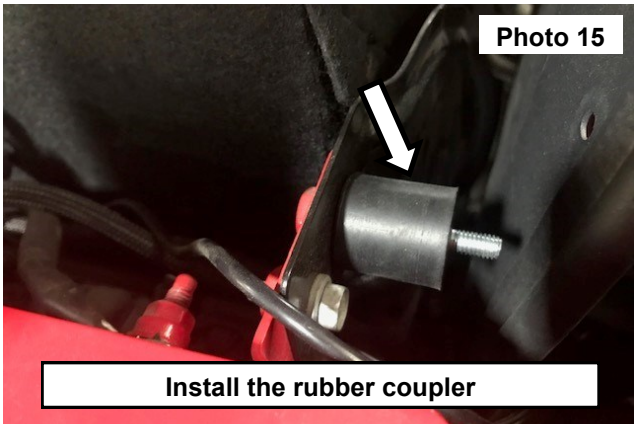


12. Install the (2) adapter mounts onto the bottom of the heat shield, secure using (2) 8mm-1.25 x 16mm Hex Head Bolts, (2) 8mm Lock Washers and (2) 8mm Flat Washers. Tighten using a 14mm socket. **See Photo 13.**
13. Remove the bolt by the battery as shown in **Photo 14** using a 10mm wrench.



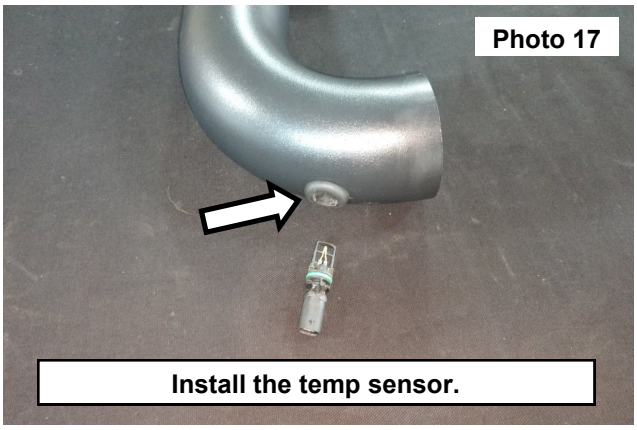


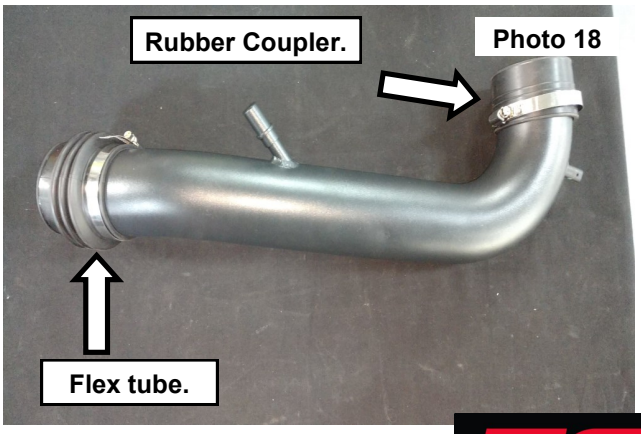
14. Install the rubber adapter into the treaded hole. **See Photo 15.**
15. Secure the rubber adaptor to the heat shield with the supplied flat washer and nut. Tighten using a 10mm wrench. **See Photo 16.**



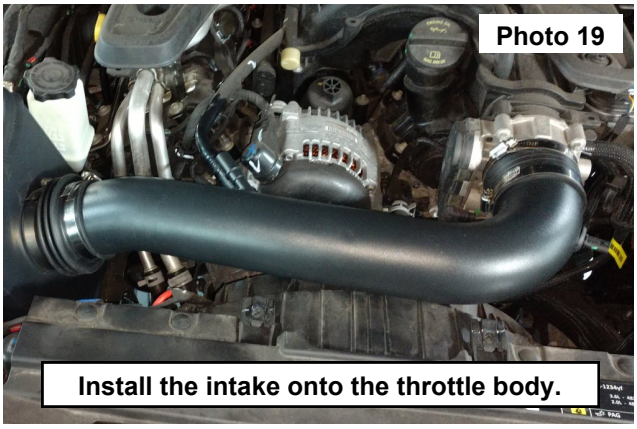


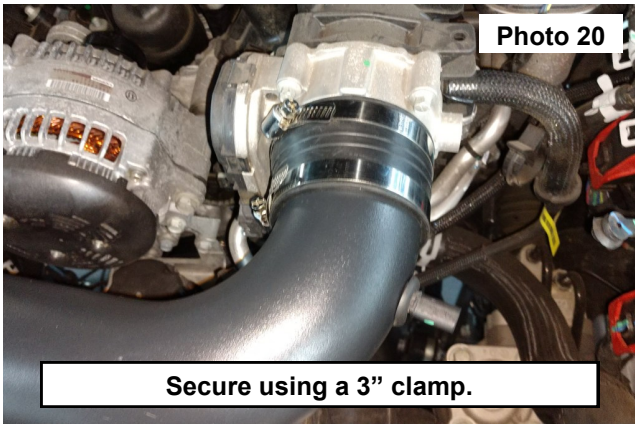
16. Install the heat shield into the vehicle. Install the (2) adapter mounts into the rubber gromets, if needed apply a lube to the rubber gromets to install.
17. Install the temperature sensor into the rubber grommet taking care not to damage the temperature sensor. **See Photo 17.**
18. Locate the intake tube, install the supplied rubber sensor gromet into the intake tube. **See Photo 18.**



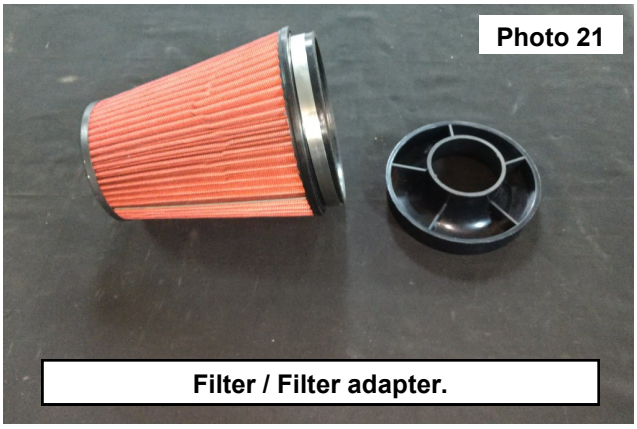


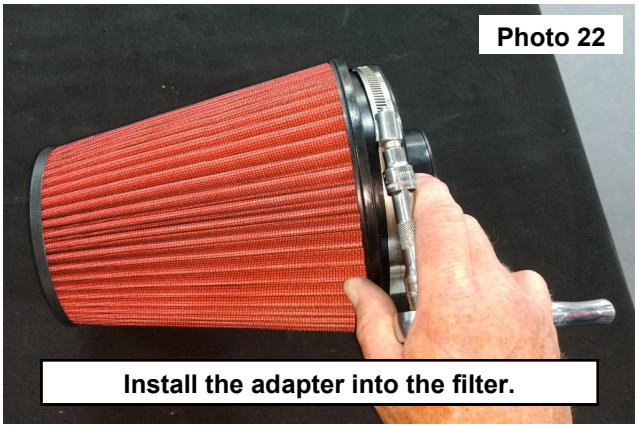
19. Install the intake / Rubber coupler onto the throttle body of the engine. Secure the rubber coupler using (1) of the supplied 3” clamps. **See Photo 19 & 20.**



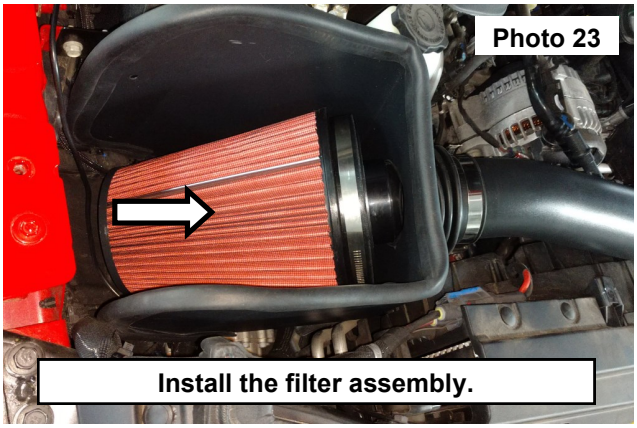


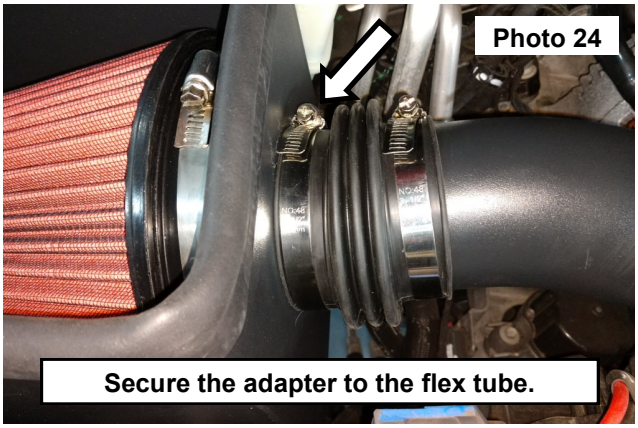
20. Locate the air filter and the air filter adapter shown in **Photo 21.**
21. Install the adapter into the filter. Then secure by tightening the clamp around the filter. **See Photo 22.**



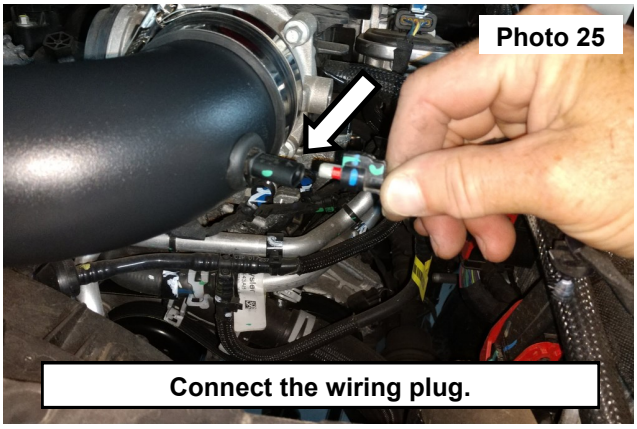


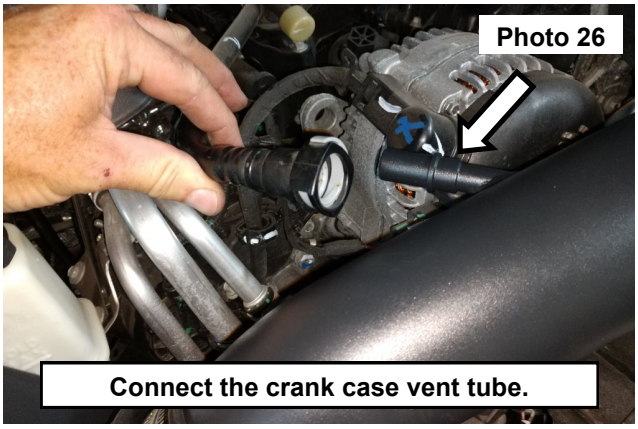
22. Install (1) 3” clamp around the flex tube. Then install the filter adapter into the flex tube, pushing the adapter against the heat shield and the flex tube to the adapter. Then tighten the clamp using a 8mm socket. **See Photo 23 & 24.**





23. Connect the wiring plug to the temp sensor. **See Photo 25.**
24. Connect the crank case vent tube to the new mount on the intake tube. **See Photo 26.**





25. Install the Rough Country Badge onto the intake tube. **See Photo 27.**



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