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Rough Country 10476 Installation Instructions

Cold Air Intake for Ford F-250 and F-350 4WD (2011-2016)

Part number: 10476

trailfortress.com/cold-air-intake-ford-f250-and-f350-4wd-rough-country-10476

Scan for fitment, price and install help

ROUGH COUNTRY SUSPENSION SYSTEMS®

921047600

FORD 2011-16 F-250 6.7L Cold Air Intake

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:
- Air Filter x1
- Air Filter Hose Clamp x1
- Heat Shield x1
- Heat Shield Cover x1
- Intake Tube x1
- 1” Gromet
- Intake Flex Tube x1
- Filter Adapter x1
- Filter Adapter Flex Tube x1
- Edge Trim (11”) x1
- Edge Trim (15”) x1
- L Bracket (Coolant hose bracket)x1
- Straight Bracket x1
- Long Spacer mount x1
- Short Spacer Mount x1

TOOLS NEEDED:
- T20 Torx Bit
- 7/32 Socket
- 3mm Allen Wrench
- 4mm Allen Wrench
- 8mm Wrench and Socket
- 10mm Wrench and Socket
- 13mm Wrench and Socket
- Flathead Screwdriver

HARDWARE INCLUDED:
- 8mm x 16mm Hex Head Bolt x1
- 8mm Lock Washer x1
- 8mm Flat Washer x1
- 6mm x 20mm Bolt x1
- 6mm x 16mm Bolt x2
- 6mm x 16mm Button Head x2
- 6mm Washer x5
- 6mm Lock Washer x5
- 5mm x 8mm Bolt x3
- 4mm Bolt x2
- 3.5 Clamp x1
- 4” Clamp x2
- 4.5” Clamp x1
- Short Zip Tie x3
- Long Zip Tie x1



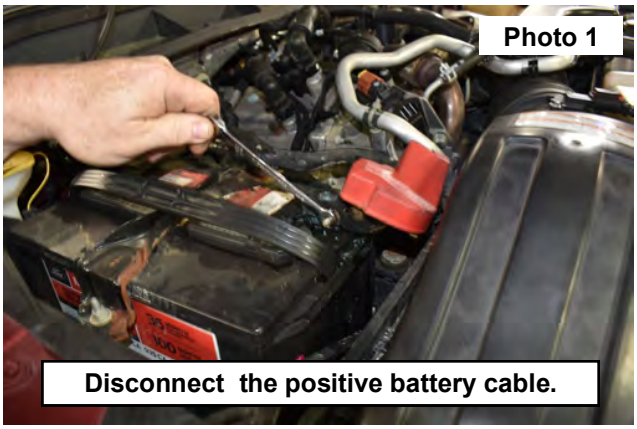
Torque Specs:

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. Disconnect the positive battery cable from the battery using a 10mm wrench. **See Photo 1.**
2. Unplug the mass air flow sensor. Then remove the (2) bolts from the top of the sensor using a T20 Torx bit and remove from the air box. **See Photos 2 and 3.**



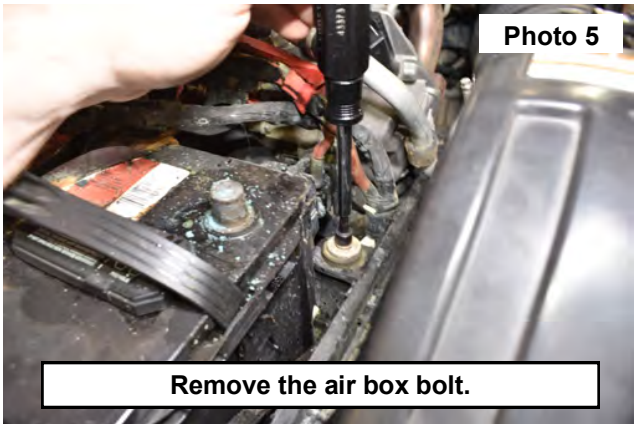


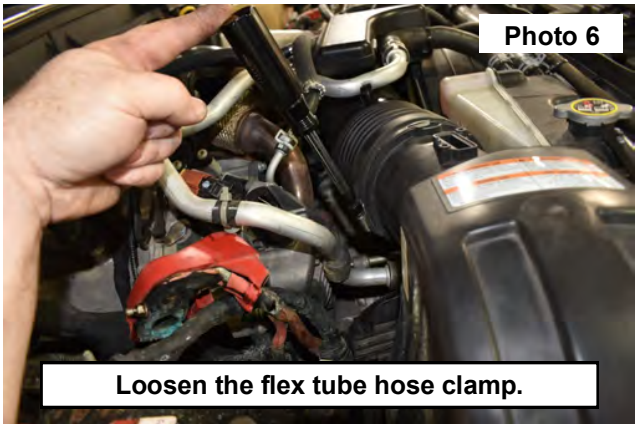
3. Remove the bolt from the hose clamp on the top of the air box using a 10mm socket. Remove the hose from the air box. **See Photo 4.**





4. Remove the air box bolt using a 10mm socket on the battery side. **See Photo 5.**
5. Loosen the hose clamp from the flex tube to the air box using a 7/32 socket. **See Photo 6.**



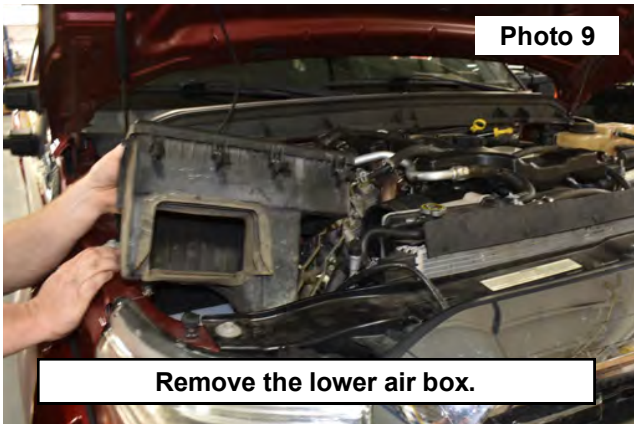


6. Release the clamps on the top of the airbox lid and remove the lid. **See Photos 7 and 8.**





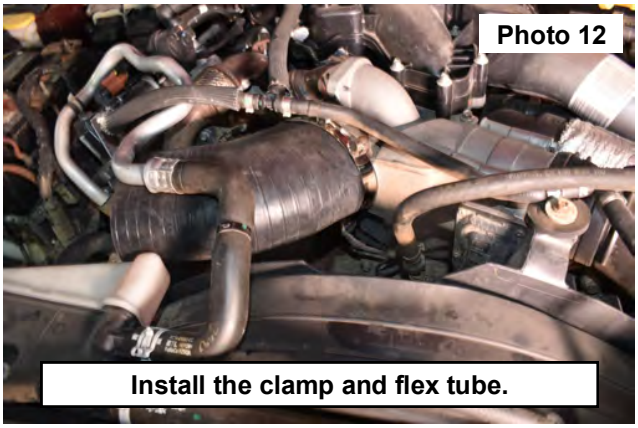
7. Remove the lower air box from the vehicle by removing the bolt securing it to the lower mount. **See Photo 9.**
8. Loosen the clamp in the intake side of the intake tube and remove the intake tube from the vehicle. **See Photos 10 and 11.**



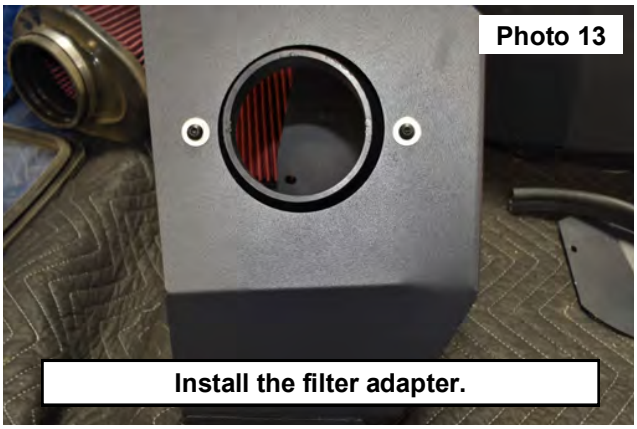


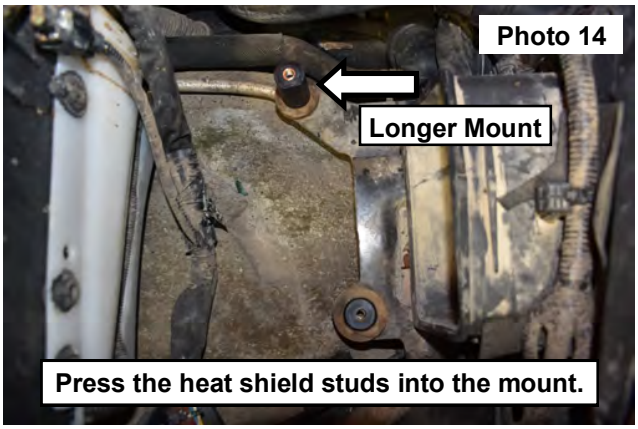
9. Install the clamp and flex tube onto the throttle body. Tighten clamp using a 8mm socket. **See Photo 12.**



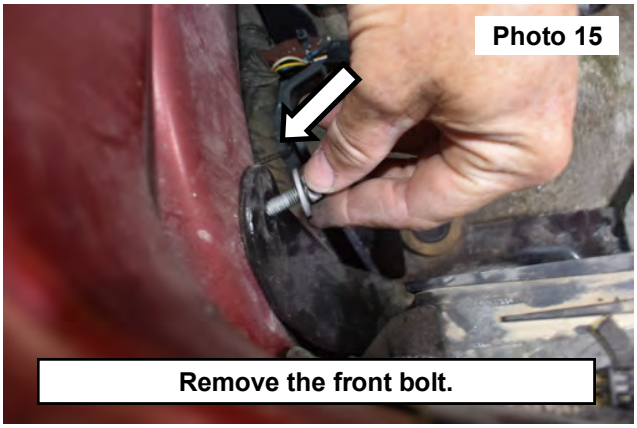


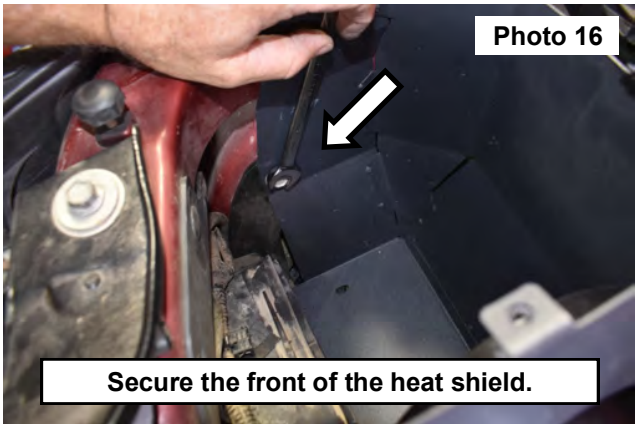
10. Install the air filter adapter to the inside of the heat shield. Secure using (2) of the supplied 6mm bolts and washers. Tighten using a 3mm Allen wrench. **See Photo 13.**
11. Press the heat shield mounts into the rubber gromet in the factory lower mount. Short mount on the out side. Press the longer mount into the inside mount. **See Photo 14.**



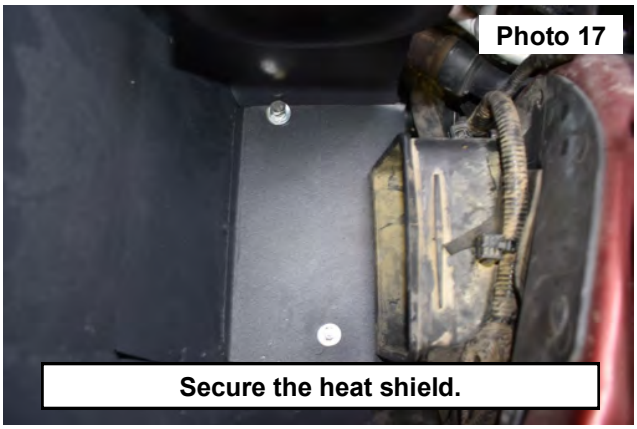


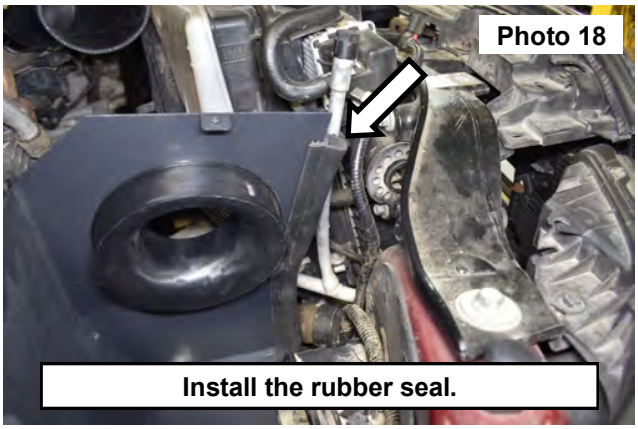
12. Remove the bolt from the factory lower filter mount using a 13mm wrench. **See Photo 15.**
13. Place the head shield into position under the factory air box mount. Place the retained bolt to secure the heat shield. **See Photo 16.**



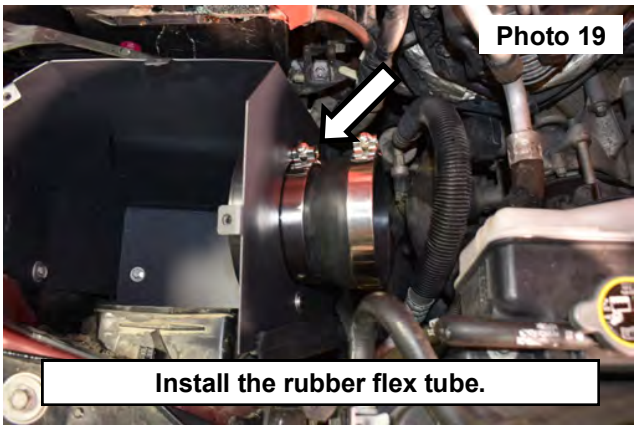


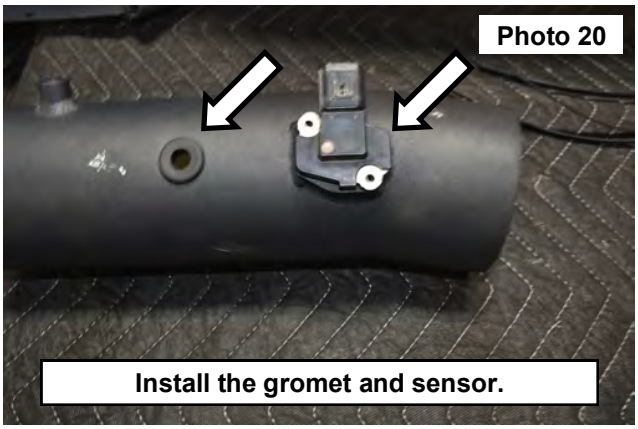
14. Secure the heat shield to the lower pressed in mounts using (2) 8mm bolts and washers. Tighten all (3) bolts using a 13mm socket. **See Photo 17.**
15. Place the rubber seal to the exposed edge of the heat shield. Cut to length if needed. **See Photo 18.**



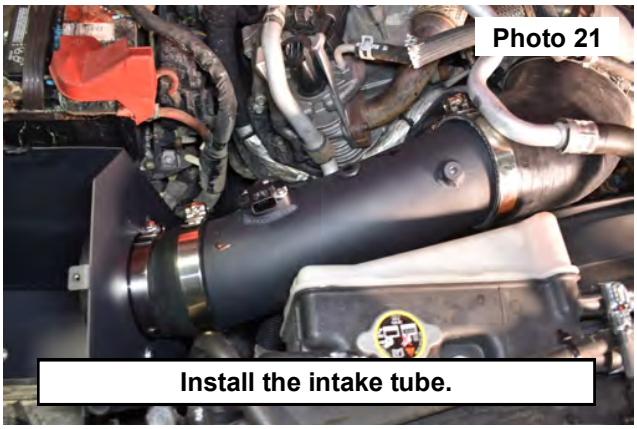


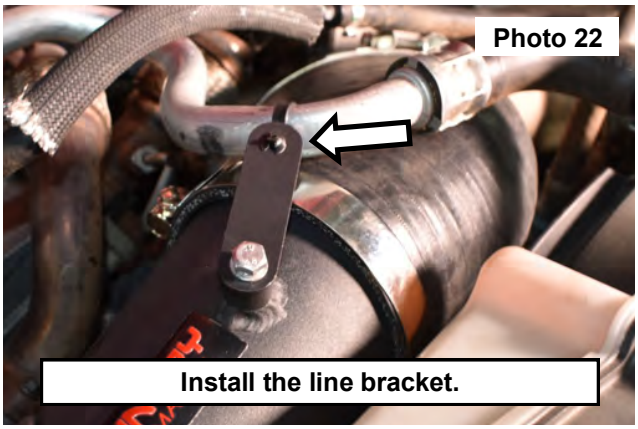
16. Place the 3” clamp onto the rubber flex tube and install onto the filter adapter, tightening using an 8mm socket. Place the 4” clamp onto the outer side of the flex tube. **See Photo 19.**
17. Place the 1” O/D rubber gromet into the intake tube. Then install the factory mass air flow sensor into the intake tube using (2) m4 x8mm bolts. Tighten using a 3mm Allen wrench. **See Photo 20.**



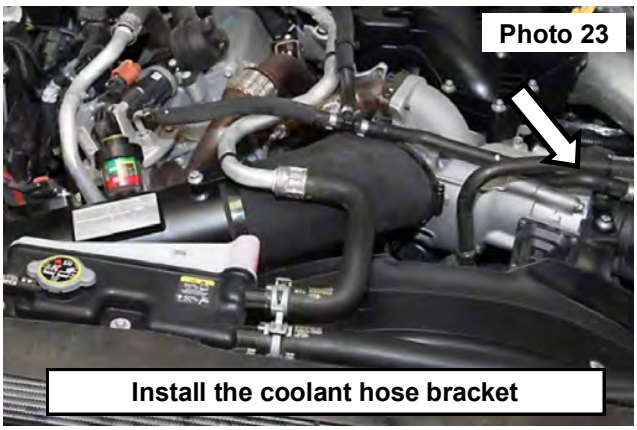


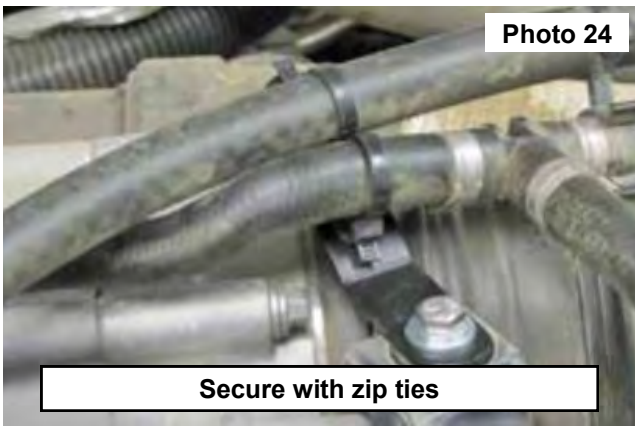
18. Place the 4”clamp onto the intake side flex tube and install the intake tube with the mass air flow sensor to the filter side of the vehicle. Tighten all clamps using an 8mm socket. **See Photo 21.**
19. Install the bracket to the weld bung on the intake using (1) 6mm bolt and washer wrap the wire tie around to secure the A/C line and tighten the bolt into position using a 13mm socket. **See Photo 22.**



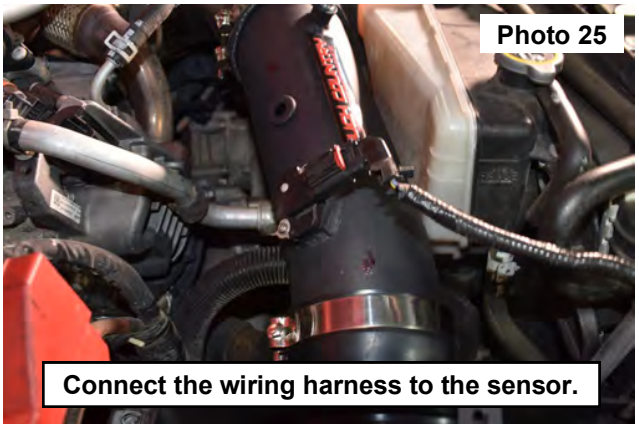


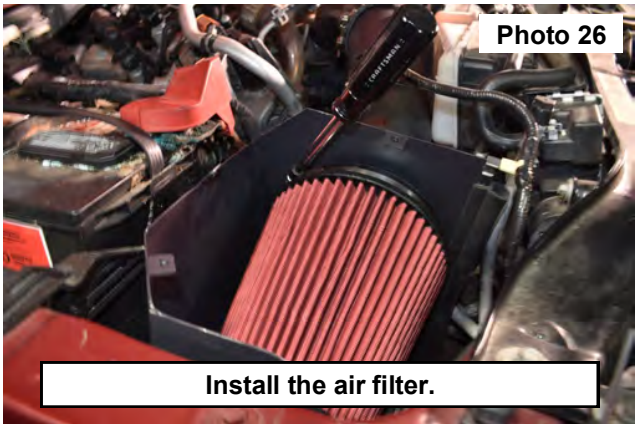
20. Install the bracket to the radiator with supplied hardare and secure the coolant hoses to the bracket with the supplied cable ties. **See Photo 23 & 24.**



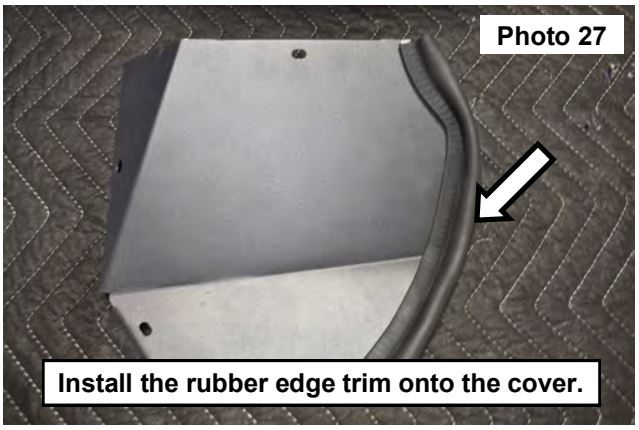


21. Plug in the mass air flow sensor wiring harness. **See Photo 25.**
22. Place the 130mm clap around the flange of the filter and into all onto the heat shield mount and tighten the clamp using and 8mm socket. **See Photo 26.**





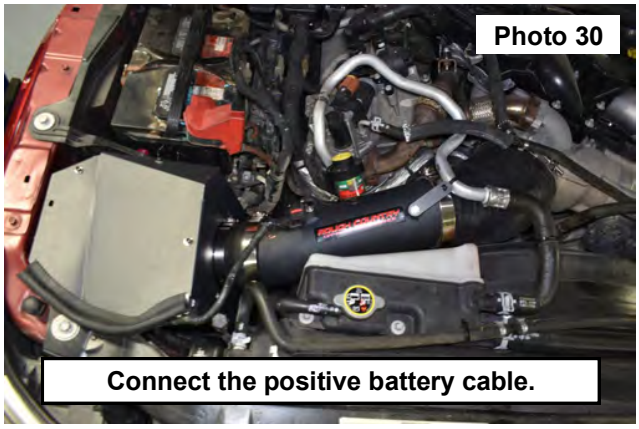
23. Place the rubber seal around the edge of the filter cover. Trim if needed. **See Photo 27.**
24. Place the filter cover onto the mounting tabs and secure using (3) 5mm x 8mm Allen head bolts and washers. Tighten using a 4mm Allen wrench. **See Photo 28.**





25. Install the air filter indicator into the 1” gromet in the intake tube. **See Photo 29.**
26. Connect the positive battery cable. **See Photo 30.**
27. Install the Rough Country badge onto the intake tube.





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 or indirectly from the purchase, ownership, or use of the items.