# Rough Country 10553 Installation Instructions

Cold Air Intake for Jeep Wrangler TJ 4.0L (1997-2006)

Part number: 10553

trailfortress.com/cold-air-intake-jeep-wrangler-tj-4-0l-rough-country-10553

Scan for fitment, price and install help

921105530

ROUGH COUNTRY SUSPENSION SYSTEMS®

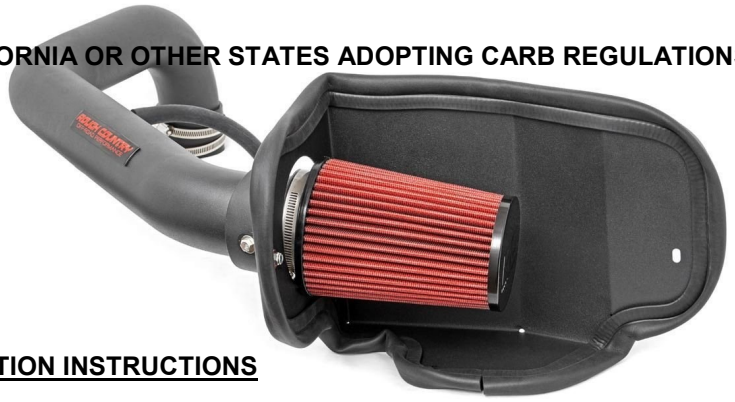
# 97-06 JEEP TJ 4.0L COLD AIR INTAKE KIT

**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 the design, function, and correct use of our products.

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

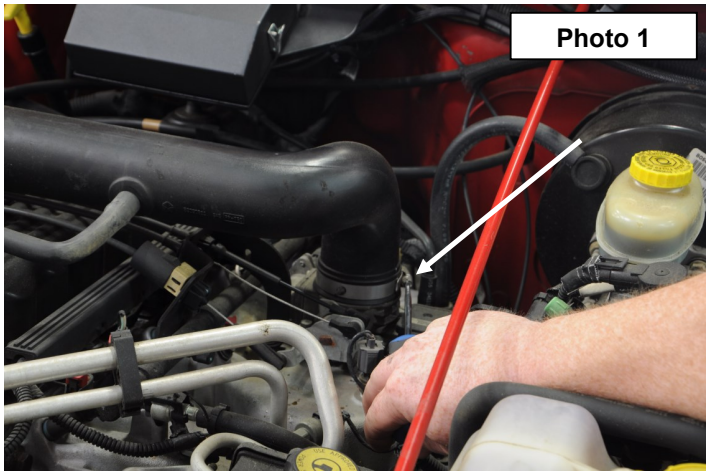


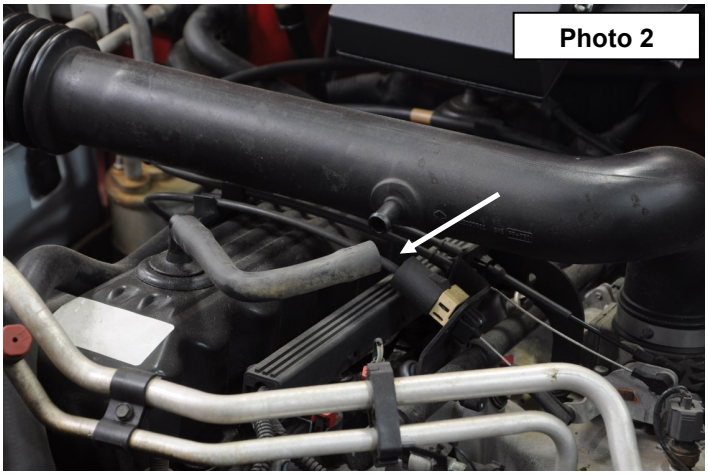
**TOOLS NEEDED:**

| | |
|---|---|
| Flat Head screwdriver | 1/4" Extension |
| 10mm Socket | 3/4" Drill Bit |
| 7/16" Socket | Drill Motor |
| 1/4" Ratchet | 4mm Allen Wrench |
| | 5mm Allen Wrench |

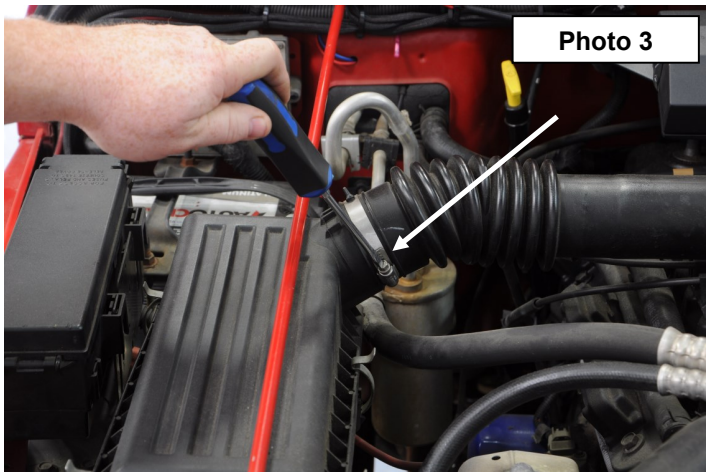
## INSTALLATION INSTRUCTIONS

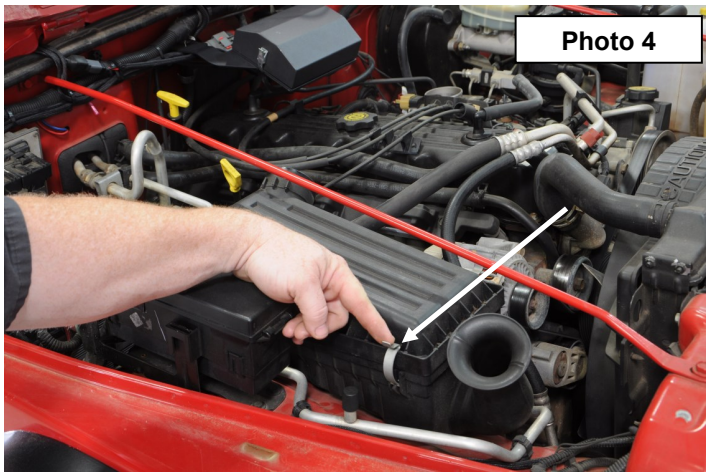
1. Place the vehicle in park.
2. Disconnect the positive wire from the battery**.**
3. Disconnect the breather tube from the throttle body using a flat head screwdriver. **See Photo 1.**
4. Remove the crank case breather hose from the breather tube. **See Photo 2.**



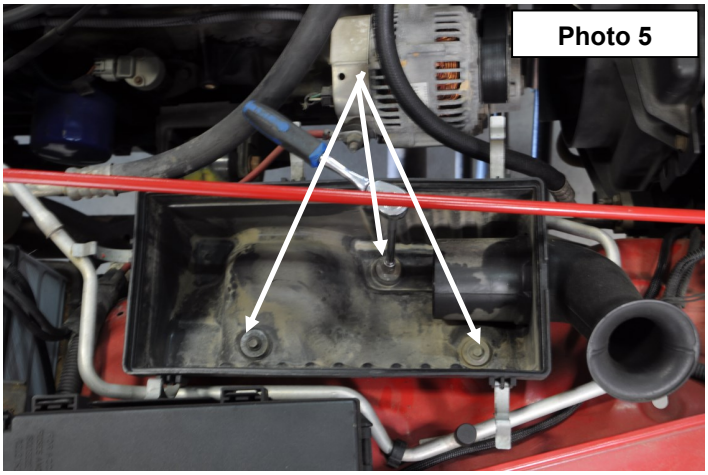



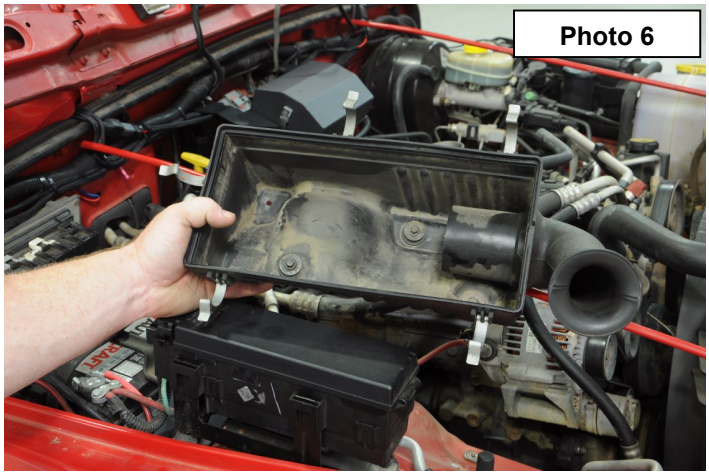

5. Remove the breather tube from the air box using flat head screwdriver. **See Photo 3.** If equipped, remove the Temp sensor from the stock tube by turning it counter clock wise.
6. Unclip the top of the filter box and remove the top of the air box. **See Photo 4.**



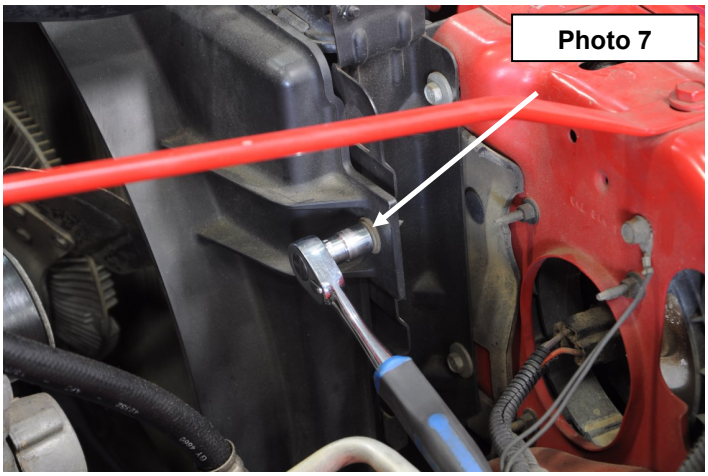



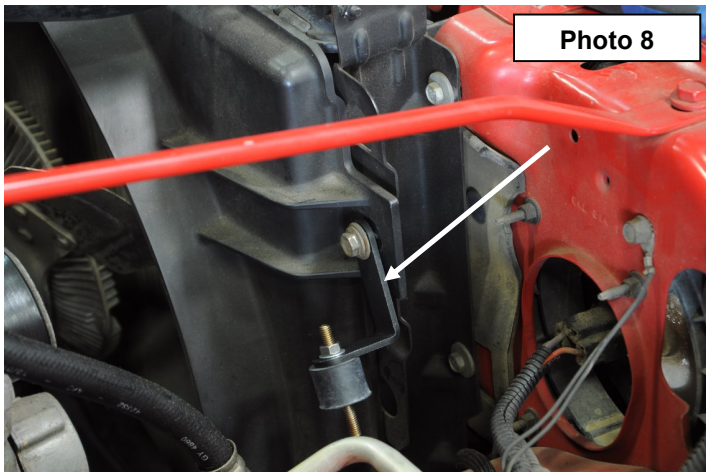
7. Remove the bolts securing the air box to the fender as shown in **Photo 5** using a 7/16” socket.
8. Remove the stock air box from the vehicle. **See Photo 6.**



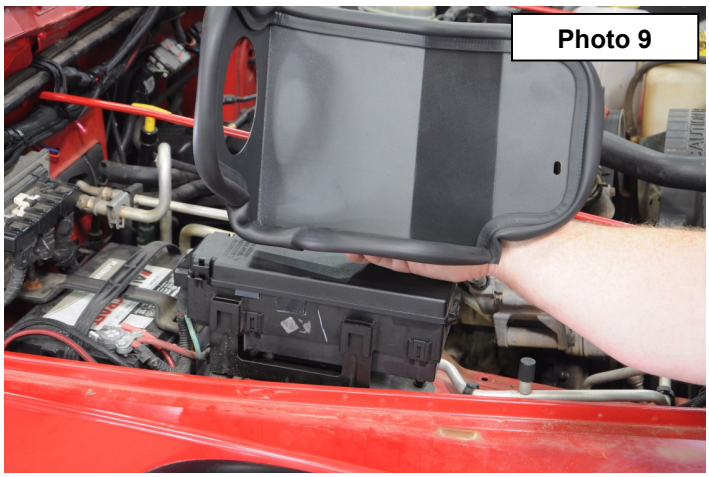



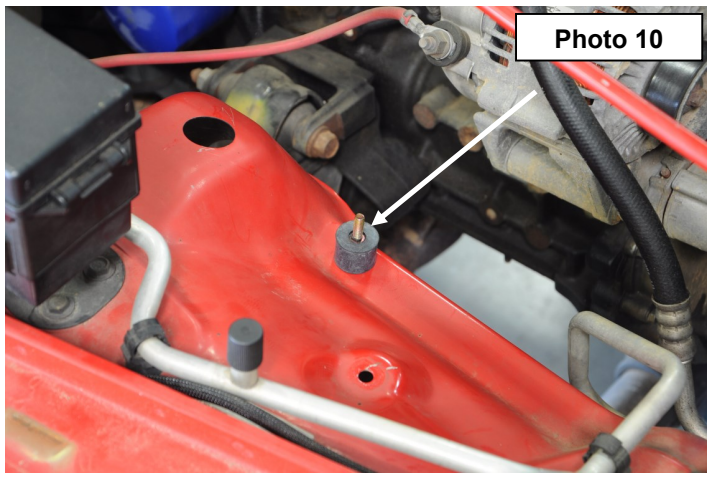

9. Remove the bolt as shown on the radiator shroud using a 7/16” wrench. Retain the bolt for reuse. **See Photo 7.**
10. Install the supplied rubber isolator on the suppled radiator shroud bracket with supplied 6mm nut and washer. Install the bracket on the radiator shroud with the stock hardware. **See Photo 8.**



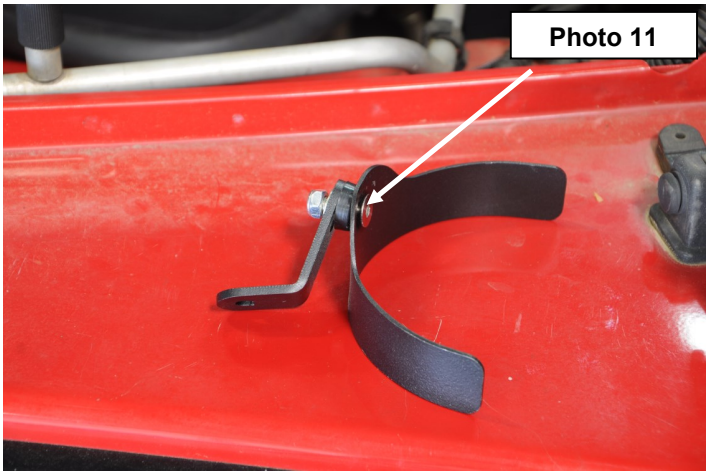



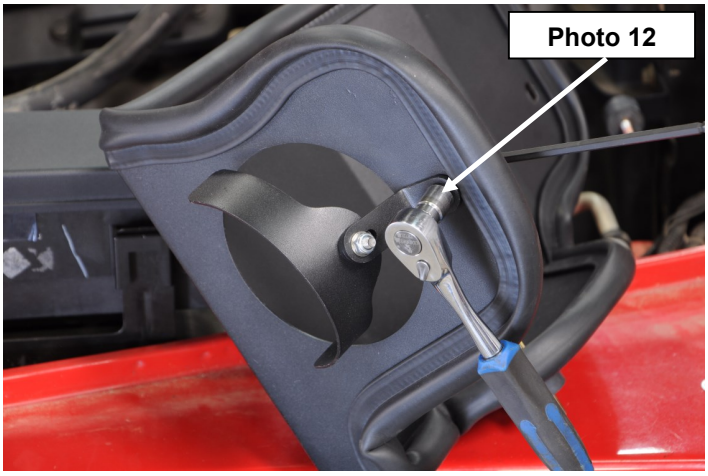

11. Install the supplied rubber weather stripping on the heat shield as shown in **Photo 9.**
12. Place the rubber stud isolator in the hole as shown in **Photo 10.**



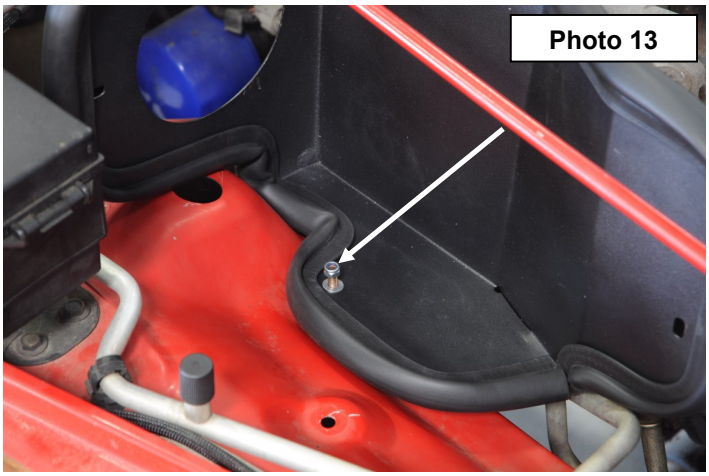



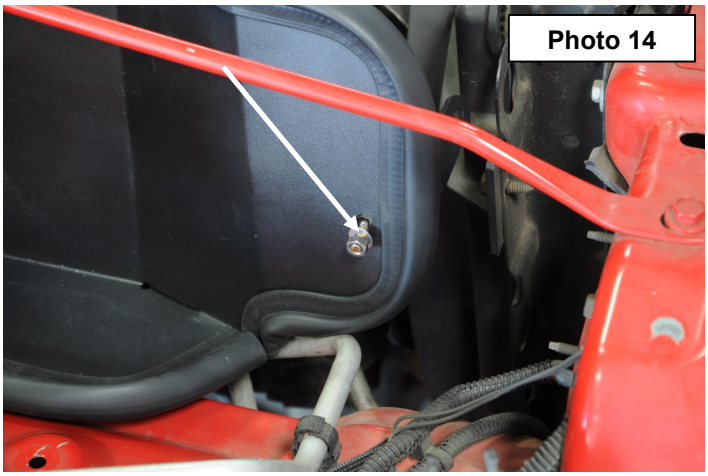
13. Assemble the intake tube bracket as shown in **Photo 11** with the bracket, conical washer, L-bracket and 6mm x 20mm bolt, flat washer and lock nut. Do not tighten at this time.
14. Install the assembly on the heat shield as shown in **Photo 12** with the supplied 6mm x 16mm bolt, flat washer and nylock nut. Do not tighten at this time.



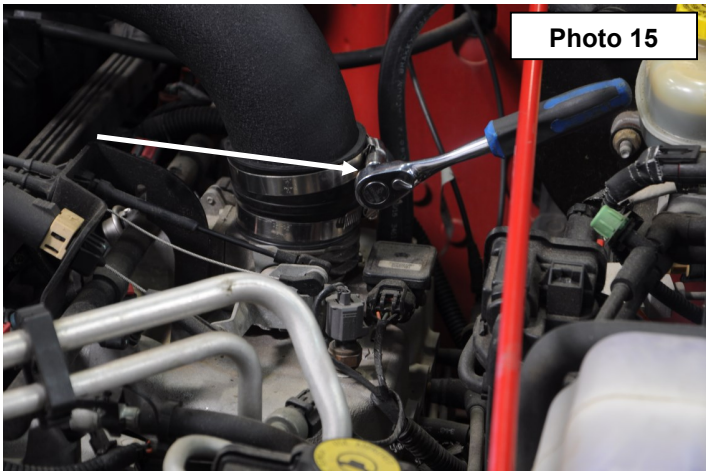



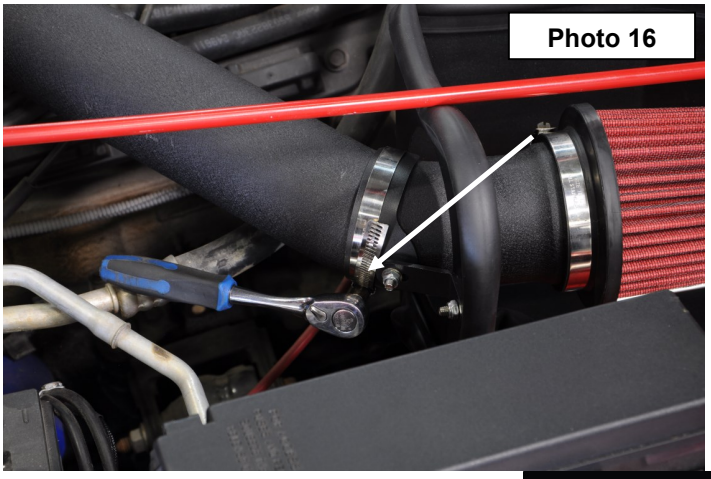

15. Position the heat shield on the mounts as shown and secure with the supplied 6mm nut & washer. **See Photo 13 &14.** The lower stud will be secured on the bottom side of the fender with the supplied large OD washer and rubber washer**.**



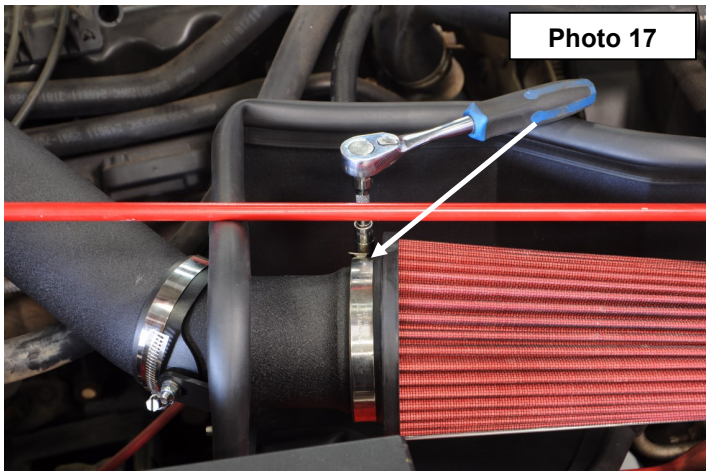



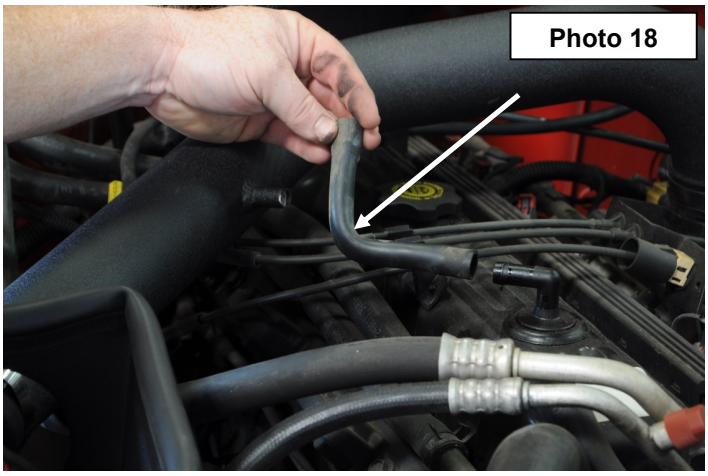

16. <u>If equipped with Temp Sensor</u>, position the intake tube in place and position the temp sensor wiring close to the tube to ensure wiring length. Mark location, remove the tube, drill with 3/4” bit, install grommet and temp sensor.
17. Position the intake tube in the heat shield.
18. Install the coupler on the throttle body and the intake tube on the coupler with the supplied clamps. Slightly tighten to hold in place. **See Photo 15.**
19. Install the supplied clamp on the heat shield mount and tighten using a 10mm socket. **See Photo 16.**



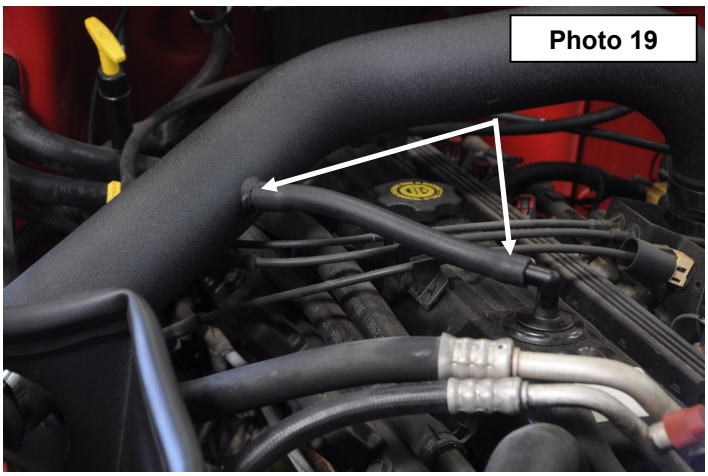



20. Install the filter on the tube with the supplied clamp and tighten using a 10mm wrench. **See Photo 17**.
21. Remove the crank case hose from the valve cover. **See Photo 18.**




22. Install the supplied hose on the intake tube and on the crank case vent fitting. **See Photo 19.**
23. After ensuring all parts are in place, tighten the heat shield hardware and mounting brackets. Tighten all clamps.
24. If equipped, plug in Temp Sensor.
25. Reconnect the positive wire to the battery.




**HARDWARE INCLUDED:**
**2-Throttle Body Clamps**
**1-Filter Clamp**
**2-Rubber Isolator with 6mm studs**
**1-Temp Sensor Grommet (For use if equipped)**
**1-Rad Core L Bracket**
**1-Heat Shield L Bracket**
**1-6mm x 20mm Bolt**
**1-6mm x 16mm Bolt**
**6-6mm Lock Nuts**
**1-Conical Washer**
**1-Large OD Washer**
**1-Rubber Washer**
**6-1/4" Washers**

**KIT CONTENTS:**
**Rough Country Performance Filter**
**Heat shield**
**Crank Case Hose**
**Throttle Body Hose**
**Intake Tube**
**Intake Tube Bracket**
**Heat Shield Bracket Clamp**
**Heat Shield Seal**

General Maintenance

- Periodically check the fasteners to ensure they are tight and the product is functioning as it should.
- It is strongly recommended the filter be cleaned and re-charged every 40,000-50,000 miles with filter cleaning solution and recharged with air filter recharge oil. Available at your Rough Country Dealer. Cleaning/Recharge must be performed more often in dusty conditions.

By purchasing any item sold by Rough Country, LLC, the buyer expressly warrants that he/she is in compliance with all applicable Federal, 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 resulting directly or indirectly from the purchase, ownership, or use of the items.