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Rough Country 10548PF Installation Instructions

Cold Air Intake with Pre-Filter for Wrangler TJ (1997-2002)

Part number: 10548PF

trailfortress.com/cold-air-intake-wrangler-tj-rough-country-10548pf

Scan for fitment, price and install help



JEEP 1997-02 WRANGLER 2.5L 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.

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

KIT CONTENTS:
Air Filter x1
Intake Tube x1
Heat Shield x1
Rubber Seal x1
2.5” to 3” Intake Coupler x1
5/8” Vent Tube x1
3” Hose Clamps x2
2.5” Hose Clamps x1
1” Hose Clamps x1

TOOLS NEEDED:
5/16 Socket or flat head Screw Driver
13mm Wrench and Socket
10mm Wrench or Socket

HARDWARE INCLUDED:
8mm Hex Head Bolt x1
8mm Flat washers x2
8mm Nut x1
6mm Flat Washers Large x4
6mm Nylock Nuts x2
Wire Tie x1
Threaded Rubber Isolator x1

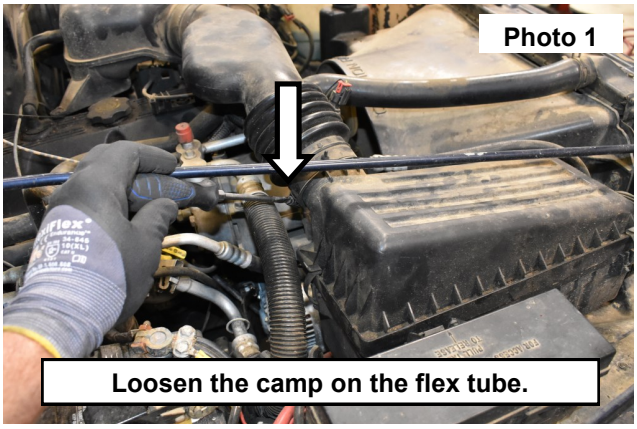


Torque Specs:

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

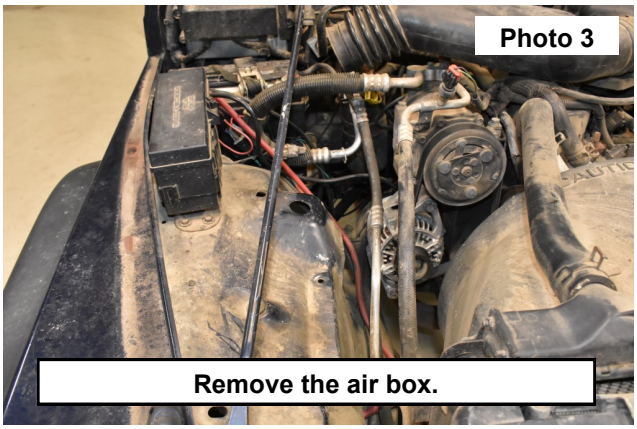
INSTALLATION INSTRUCTONS

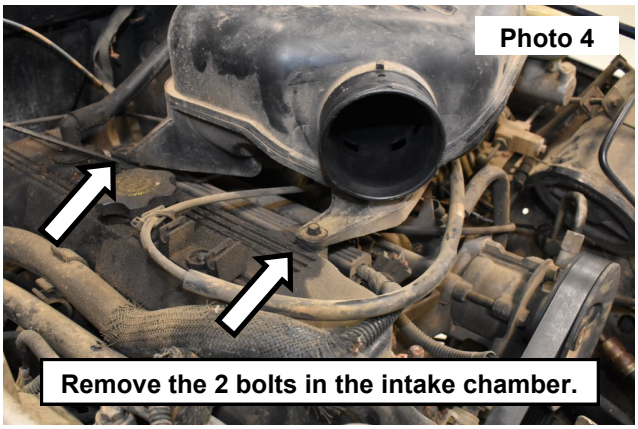
1. Disconnect the negative side of the battery cable.
2. Loosen the clamp on the air box flex tube using a flat head screw driver. **See Photo 1.**
3. Remove the bolt and the brace mounted on the radiator support and the fire wall from the vehicle to allow enough room for the air box to be removed using a 13mm socket. **See Photo 2.** Retain hardware for later use.



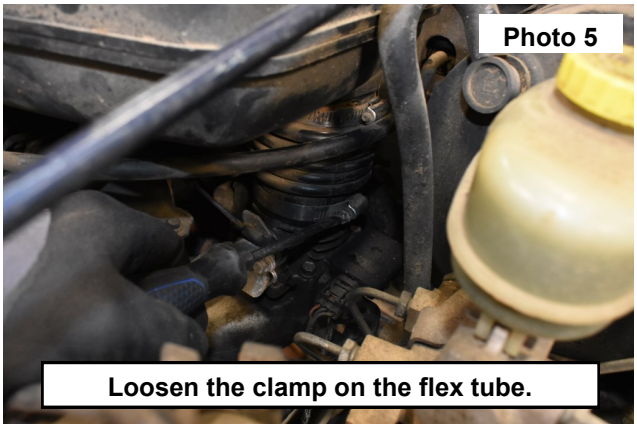


4. Remove the air box from the vehicle. This will not be reused. **See Photo 3.**
5. Remove the 2 bolts from the top of the intake chamber using a 10mm socket. **See Photo 4.**



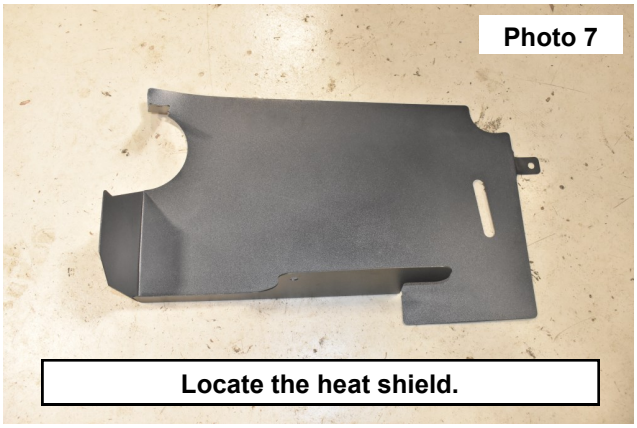


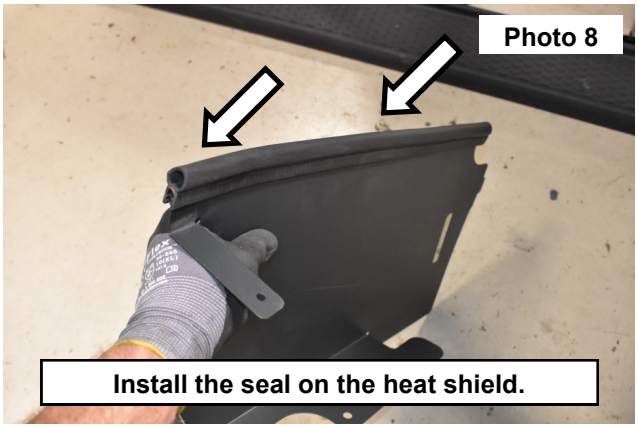
6. Loosen the clamp on the throttle body side of the flex tube using a flat head screw driver and remove the vent tube from the back of the intake chamber. Then remove the intake chamber from the vehicle. **See Photo 5.**
7. Remove the intake chamber and the flex tube from the throttle body. This will not be reused. **See Photo 6.**



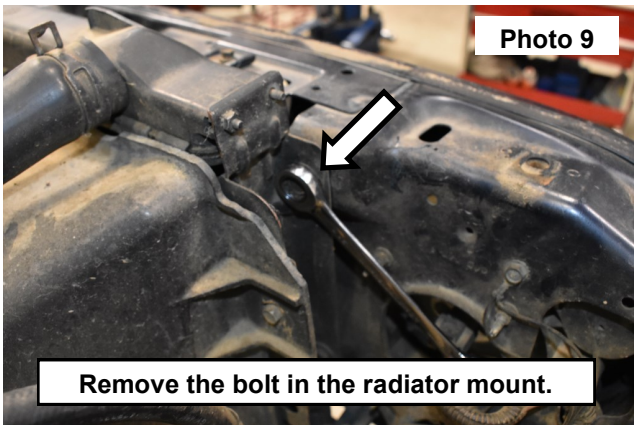


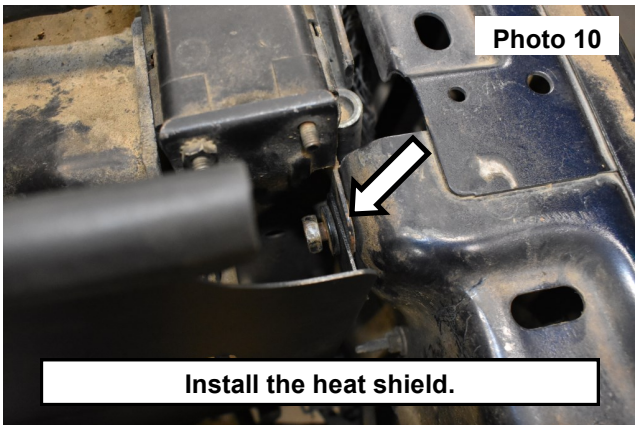
8. Locate the heat shield shown in **Photo 7.**
9. Locate the rubber seal and install it on the top edge of the heat shield. Trim any over hanging seal. **See Photo 8.**





10. Remove the bolt from the top of the radiator mount. Retain hardware for later use. **See Photo 9.**
11. Install the heat shield. Secure the upper mount using the retained bolt from the upper radiator support. **See Photo 10.**



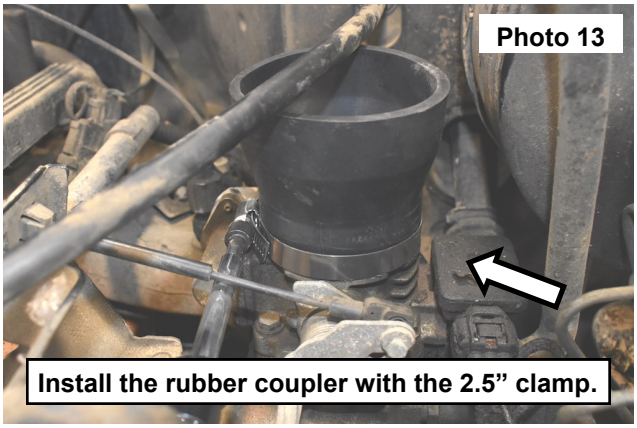


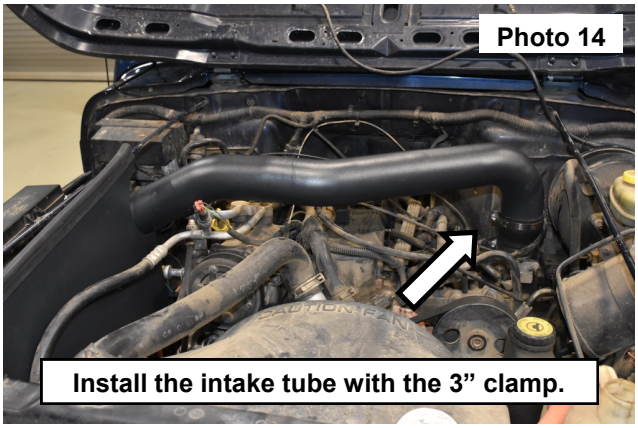
12. Secure the lower mount using the supplied 8mm hex head bolt, (2) 8mm flat washers and (1) 8mm nut. Use a 13mm wrench and socket to tighten. **See Photos 11 and 12.**



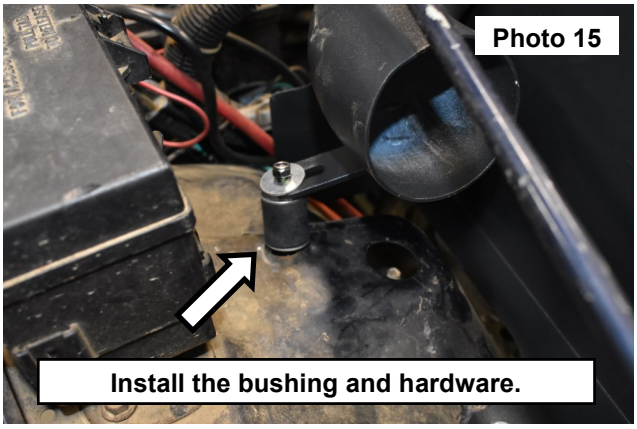


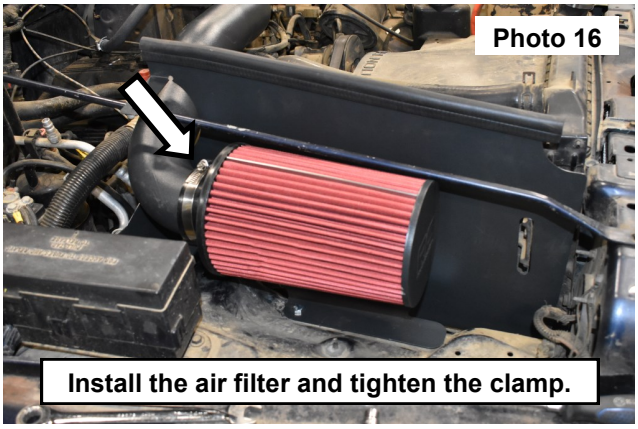
13. Install the new 2.5” to 3” rubber coupler onto the throttle body secure using the supplied 2.5” clamp. Tighten using a flat head screw driver. **See Photo 13.**
14. Install the 3” clamp onto the rubber coupler. Then insert the intake tube into the rubber coupler, tighten the clamp using a flat head screw driver. **See Photo 14.**



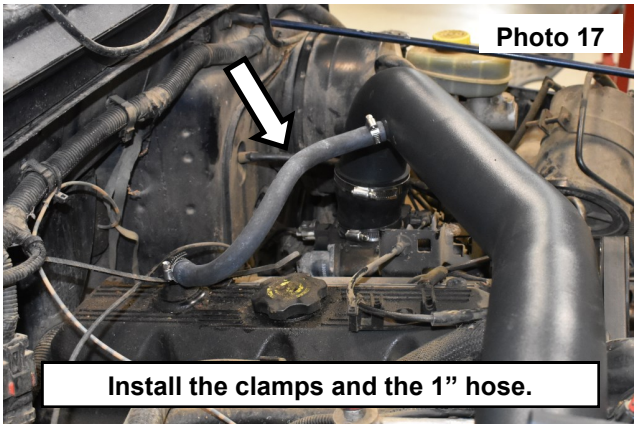


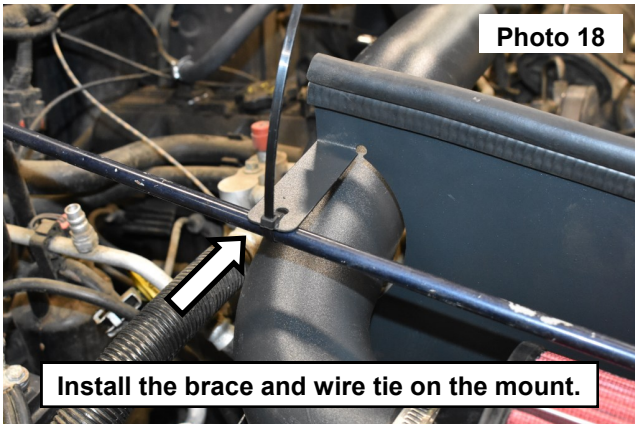
15. Install the threaded isolator on the fender and install the (2) 6mm flat large od washers on the top and bottom of the bushing under the intake tube mounting flange. Secure the bushing to the fender well and the intake mounting flange using the supplied 6mm washers and 6mm nylock nuts. Tighten using a 10mm wrench and socket. **See Photo 15.**
16. Install the air filter onto the intake tube using a 3” clamp. Tighten the clamp using a flat head screw driver. **See Photo 16.**





17. Install (2) 1” hose clamps onto the rubber hose, then install the hose onto the intake fitting and the fitting on the valve cover . Tighten the clamps using a flat head screw driver. **See Photo 17.**
18. Reinstall the brace to the using the retained hardware. Tighten using a 13mm wrench. Secure the heat shield using the supplied wire tie around the brace and the hole in the mounting tab on the heat shield. **See Photo 18.**





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