

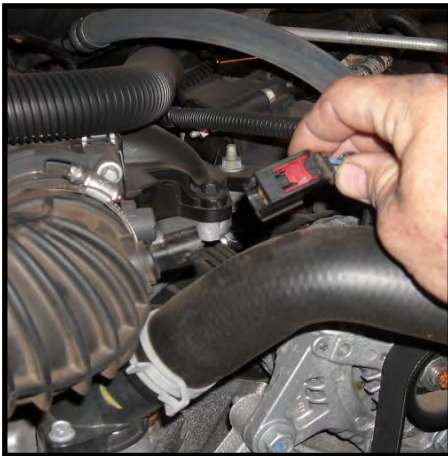
2007 - UP JK Wrangler Cold Air Intake - 3.8L

Contents:

- | | |
|-------------------------------|---------------------------------|
| 1. Intake Tube (1) | 9. M6 Flat Washers (4) |
| 2. Heat Shield (1) | 10. M6 Nut (2) |
| 3. Weather Stripping (1) | 11. M6 Aluminum Spacer (2) |
| 4. Air Filter (1) | 12. Rubber Isolator Mount (1) |
| 5. Throttle Body Coupling (1) | 13. M6 Washers (2) |
| 6. Large Hose Clamps (3) | 14. M6 Nuts (2) |
| 7. Small Hose Clamps (2) | 15. Grommet (1) |
| 8. M6 Mounting Bolt (2) | 16. Heat Shield Rubber Trim (1) |



1. Remove original air filter, air box, intake tube, intake temperature sensor, and breather tube.



Remove intake temp sensor



Remove breather tube



Pull air box free from inner fender

2. Remove mounting bushings from tray. Place aluminum spacers onto tray. Remove top passenger side radiator shroud bolt.



Remove bushings



Place spacers on top of tray



Remove upper shroud bolt

3. Set new heat shield on top of spacers and install M6 bolts and washers from below. Access can be gained by pulling inner fender liner to the side and inserting bolts and washers from inside fender well. With M6 hardware installed tighten heat shield to vehicle. Secure heat shield to radiator shroud.



Place heat shield over spacers



Install bolts from below



Tighten all heat shield bolts

4. Carefully remove temperature sensor from original intake pipe. Take care not to break the plastic sensor. sensor may need to be cut out of stock rubber intake tube. Insert rubber grommet into new tube and then install temperature sensor into grommet as shown.



Install throttle body coupling



Remove temp sensor



Install sensor into new tube

5. Install rubber isolator mount to heat shield. Insert tube into throttle body coupling and secure with large 2.5" hose clamp. Connect wire lead back to temperature sensor. Line heat shield filter opening with rubber trim.



Isolator attached to heat shield



Lead connected to temp sensor



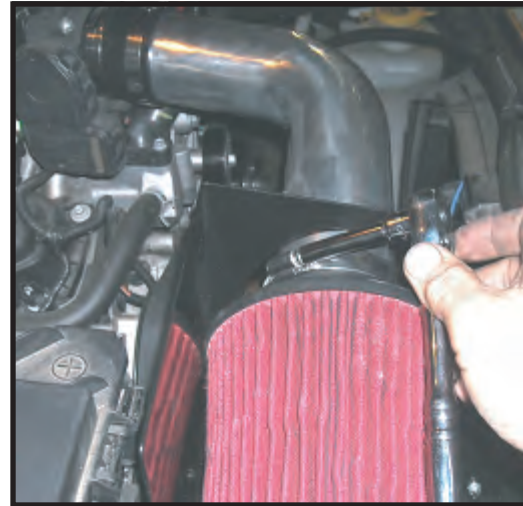
Trim secured to filter opening

6. Secure air tube to rubber isolator. Loosen all hose clamps to allow for movement of tube. Place large 2.5" hose clamp over air filter and install filter to air tube from inside heat shield.

Note: This filter is polyester synthetic and never needs to be oiled. It can be cleaned with warm water and mild detergent dish soap.



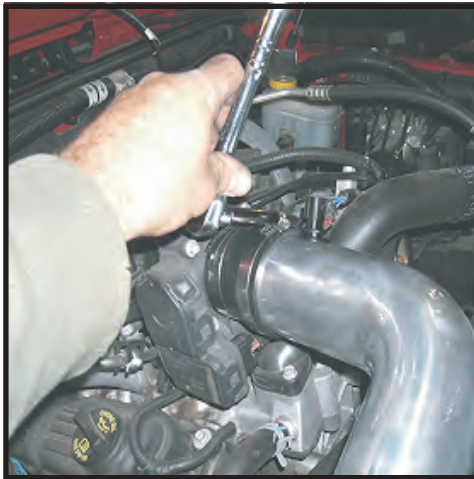
Secure tube to heat shield



Install filter to intake tube

7. With tube secured to heat shield and filter installed tighten all hose clamps. reconnect breather tube back onto intake tube. Two small hose clamps have been provided to insure a tight fit to intake tube. Attach weather stripping to top of heat shield. Cut to fit.

8. Double check all hose clamps to insure there are no air leaks before driving.



Secure hose clamps



Connect breather hose with clamp



Install weather stripping

9. Congratulations on the purchase and installation of another quality Rugged Ridge product.



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