

RiAiCiING

2012-2018 JEEP JK 3.6L COLD AIR INTAKE KIT

Thank you for choosing **RiAiCiING** 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.

▲ NOTICE NOT FOR SALE IN CALIFORNIA.

KIT CONTENTS:

Performance Filter
Heat shield
Shield gasket
Throttle Body coupler
Intake Tube

TOOLS NEEDED:

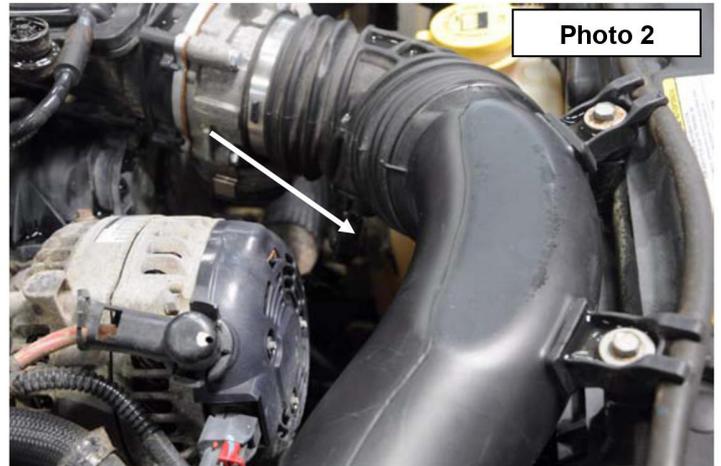
4mm Allen Wrench
8mm Wrench
10mm Wrench
Flat head Screw driver

HARDWARE INCLUDED:

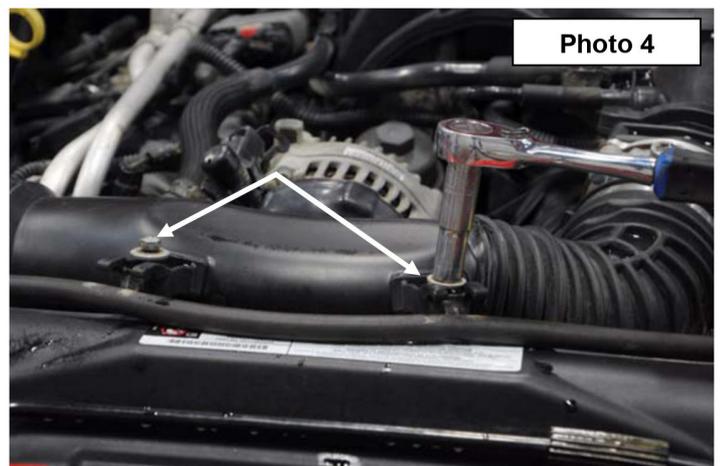
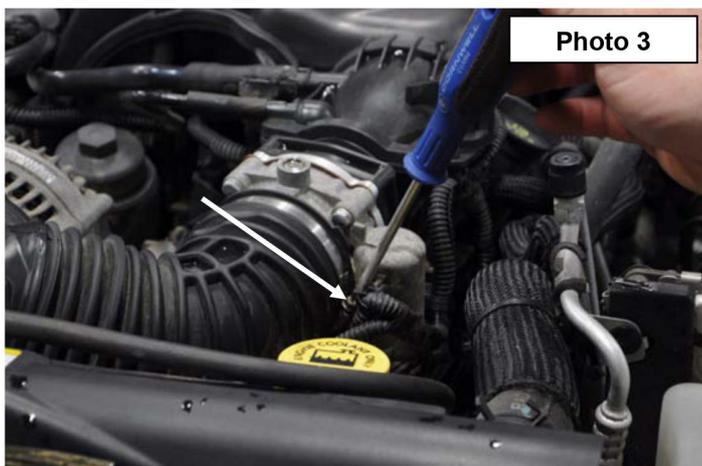
Rubber isolator w/ Serrated nuts, washers
2-Hose tie downs (Over Flow Hose)
2-Medium Clamps (Throttle Body coupler)
1-Small Clamp (Crank Case Hose)
1-Large Clamp
2-6mm x 40mm Bolts
2-6mm Nylon Lock Nuts
2-6mm Flat Washers
2-6mm Large OD Washers
2-Shield Spacers
Intake tube grommet
6-5mm x 10mm Allen Bolts
6-5mm Nuts

INSTALLATION INSTRUCTIONS

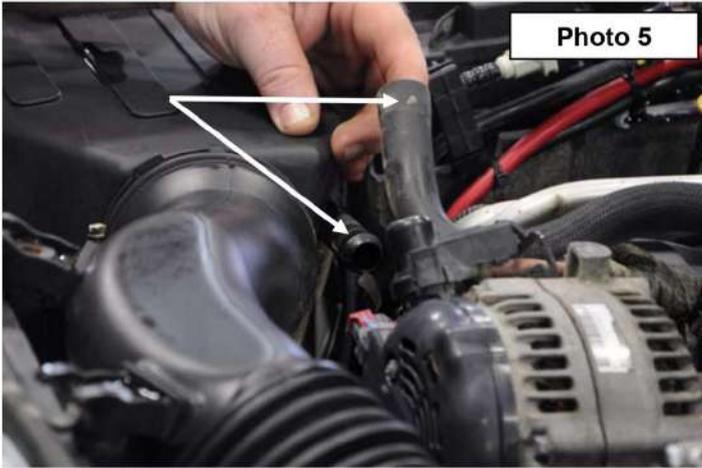
1. Remove the engine cover by gently pulling on the cover. **See Photo 1.**
2. Unplug the Air flow sensor as shown in **Photo 2.**



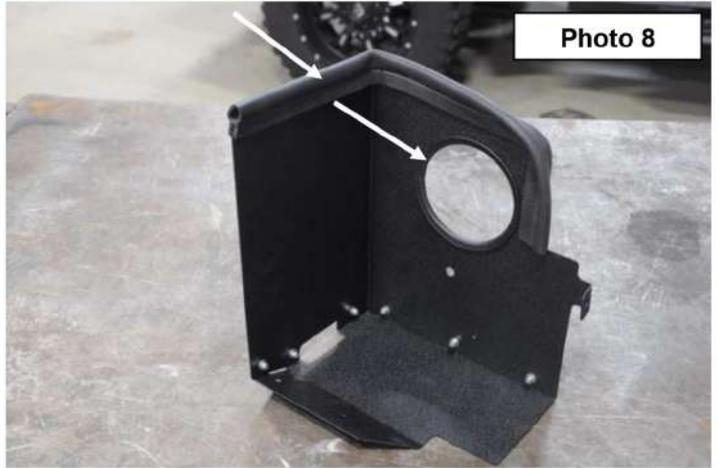
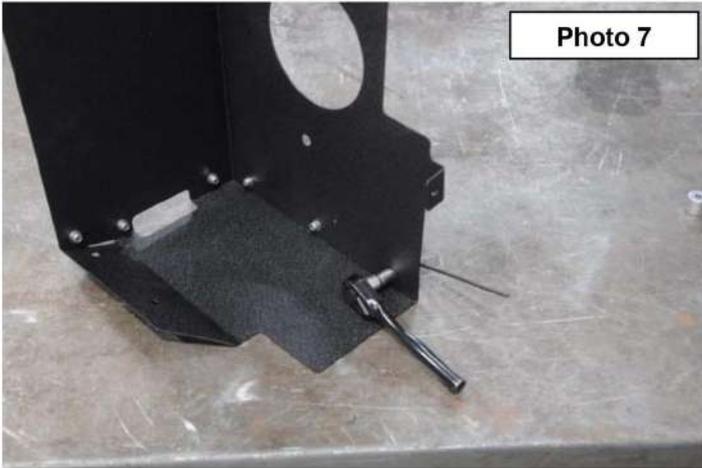
3. Loosen clamp at the throttle body. **See Photo 3.**
4. Using a 10mm socket, remove the two bolts holding the intake to the fan shroud. Retain hardware for reuse. **See Photo 4.**



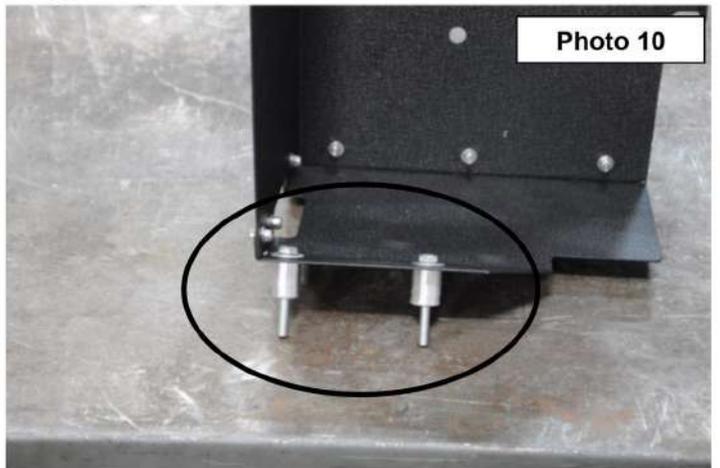
5. Remove the crank case hose from the air box and remove the air box from the vehicle. **See Photo 5 & 6.**



6. Using the 6 supplied 5mm x 10mm Allen head bolts and nuts, assemble the shield as shown in **Photo 7**. Tighten using a 4mm Allen wrench and 8mm socket.
7. Install the rubber gaskets on the shield on the top and in the hole. **See Photo 8.**



8. Remove the upper bolt from the fan shroud as shown in Photo 9 using a 8mm socket. **See Photo 9.**
9. Install the supplied 6mm x 40mm bolts and flat washers with the supplied spacers and as shown in **Photo 10**.



10. Position the shield into place into the stock location. The bolts will be tightened in a later step. **See Photo 11.**
11. Position the air shield into location and secure to fan shroud using the stock hardware and tighten using a 8mm wrench. **See Photo 12.**

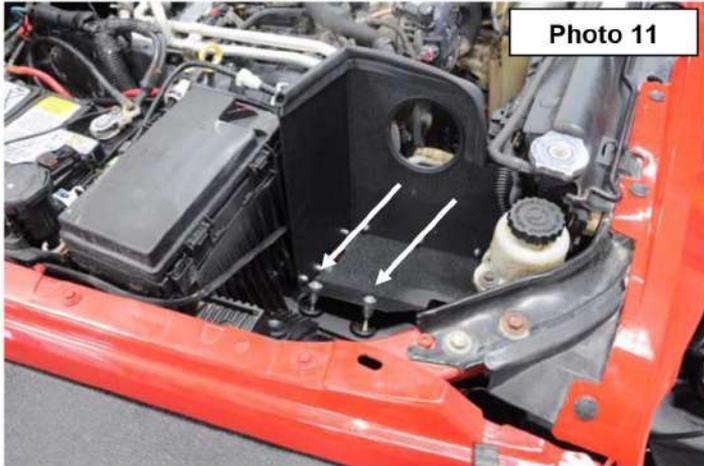


Photo 11

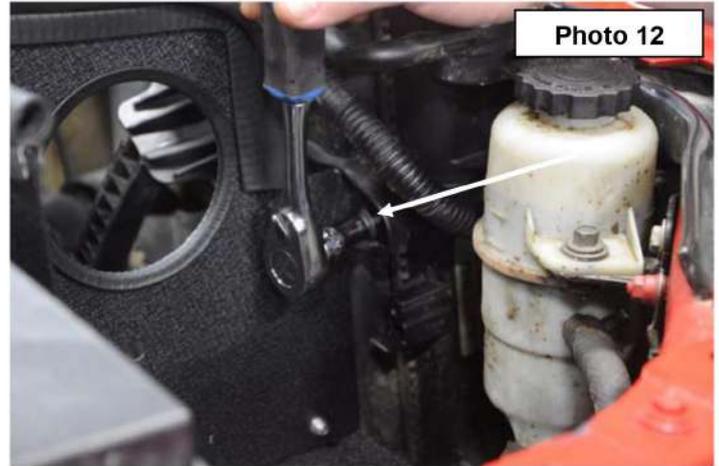


Photo 12

12. Place the threaded isolator in the shield as shown in Photo 13 and secure to shield using the supplied serrated lock nut and washer. Snug nut, do not overtighten using a 10mm socket.

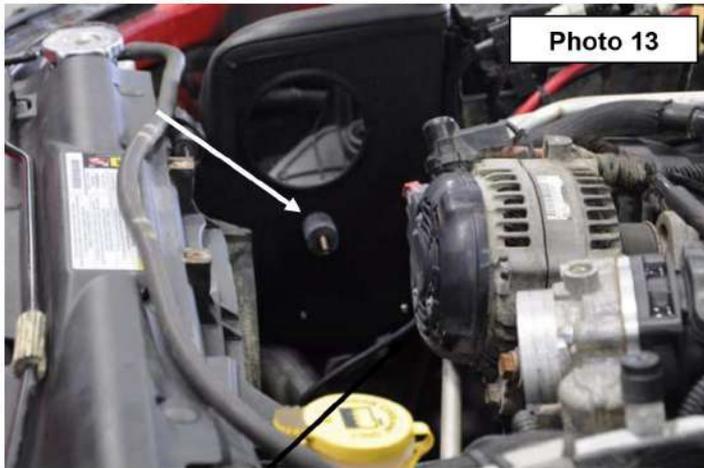


Photo 13



Photo 14

13. Remove the stock intake temperature sensor from the stock intake tube. **See Photo 14.**
14. Install the supplied grommet in the new intake tube and install the air temperature sensor in the tube as shown in **Photo 15.** Sensor will simply push into the new grommet.
15. Install supplied rubber coupler on the new intake tube with supplied clamps and position the tube on the throttle body and in the new intake shield. **See Photo 16.** Install the tube on the rubber isolator installed in step 12 and secure the tube to the shield using the supplied serrated lock nut and washer. Snug nut, do not overtighten using a 10mm socket.



Photo 15



Photo 16

16. Tighten the supplied clamps with a flat head screwdriver. **See Photo 17.**

17. Install the crank case hose to the new intake tube and tighten with the supplied hose clamp using a flat head screwdriver. **See Photo 18.**



18. Install the supplied hose tie downs as shown to hold the overflow hose in place with factory hardware. Tighten using a 10mm socket. **See Photo 19.**



19. Install the air filter as shown with supplied hose clamp and tighten using a flat head screwdriver. **See Photo 20.**

20. Install the supplied nuts and large od washers to secure the air shield to the fender using a 10mm socket to tighten. **See Photo 21.**

