



JEEP 2018-20 JL / JLU / JT Cold Air Intake V6-3.6L

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:

- Head Shield Seal x1
- Heat Shield x1
- Filter x1
- Filter Adapter x1
- Filter Clamp x1
- Intake Tube x1
- Rubber Adapter x1
- Flex Tube x1
- Temp Sensor Gasket x1
- 3" Clamp x1
- 3.5" Clamp x3
- Heat Shield Adapter Mounts x2

TOOLS NEEDED:

- Pry tool
- 8mm Socket
- 10mm Socket
- 13mm Wrench or Socket

HARDWARE INCLUDED:

- 8mm-1.25 x 16mm Hex Head Bolts x2
- 8mm Lock Washers x2
- 8mm Flat Washers x2



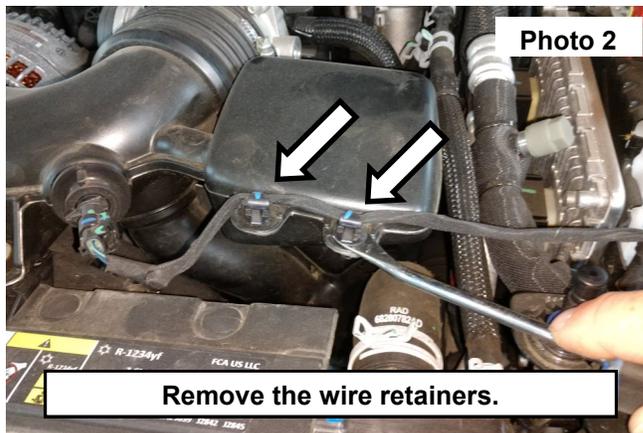
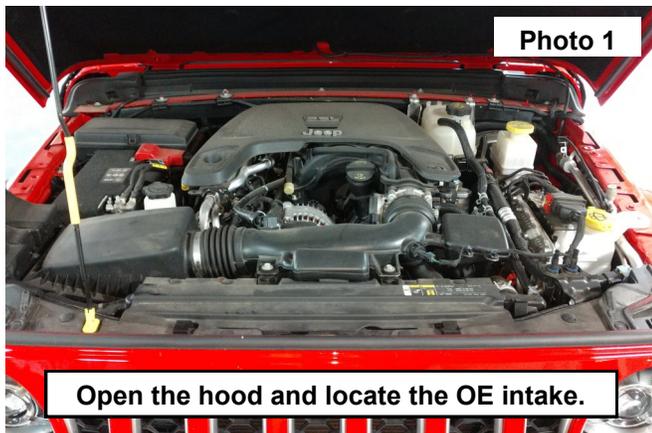
Torque Specs:

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

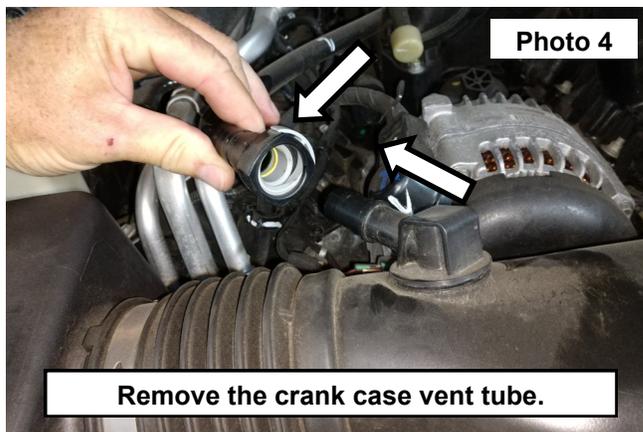
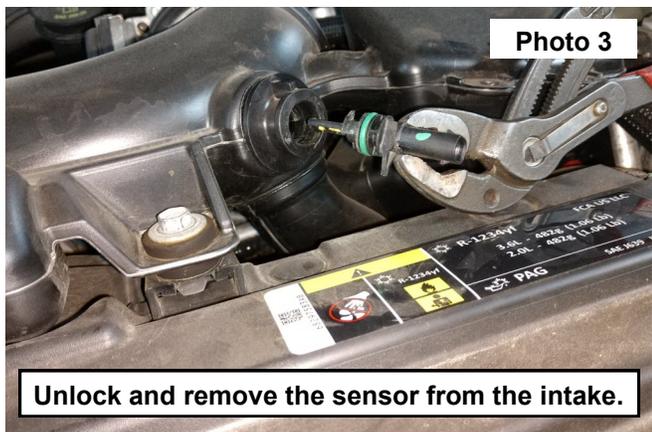


INSTALLATION INSTRUCTIONS

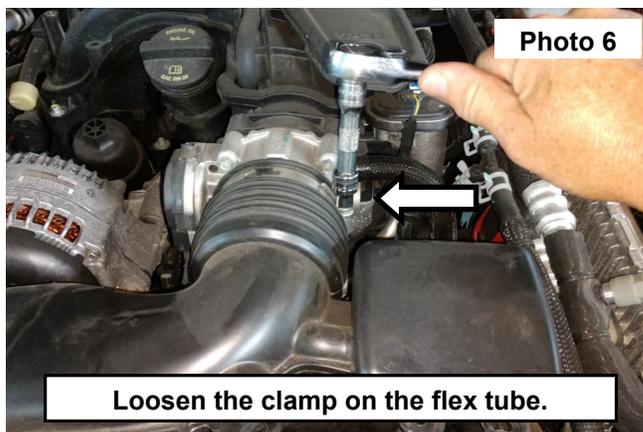
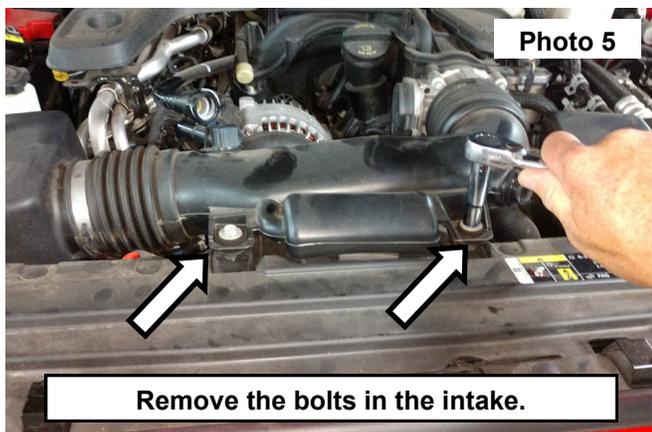
1. Open the hood of the vehicle and locate the air intake and filter box. **See Photo 1.**
2. Using a pry tool remove the (2) sensor wire retainers from the intake. Then disconnect the wire from the sensor. **See Photo 2.**



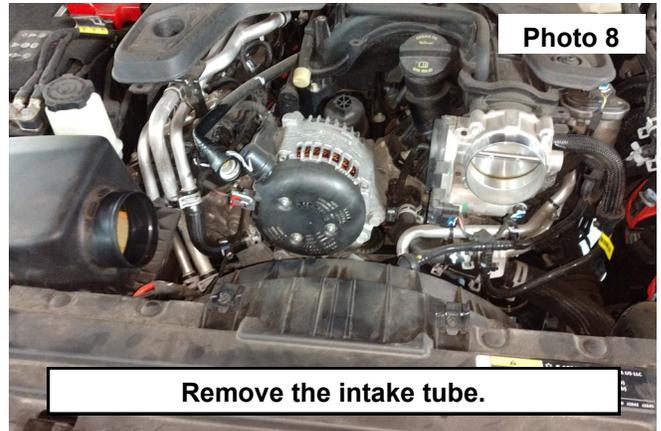
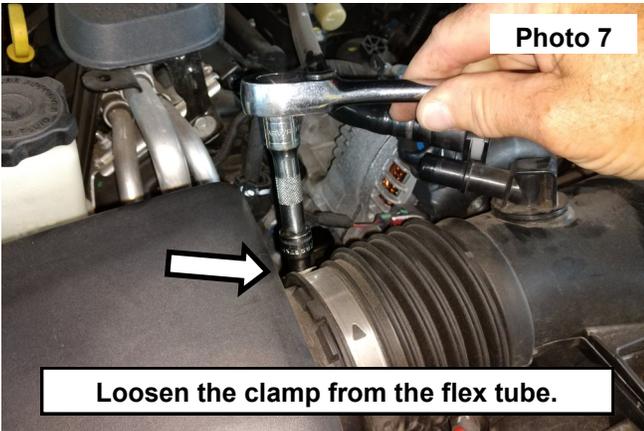
3. Twist to unlock the sensor and remove from the intake. **See Photo 3.**
4. Compress the clip on the side of the crank case vent tube. Then remove the line from the intake fitting. **See Photo 4.**



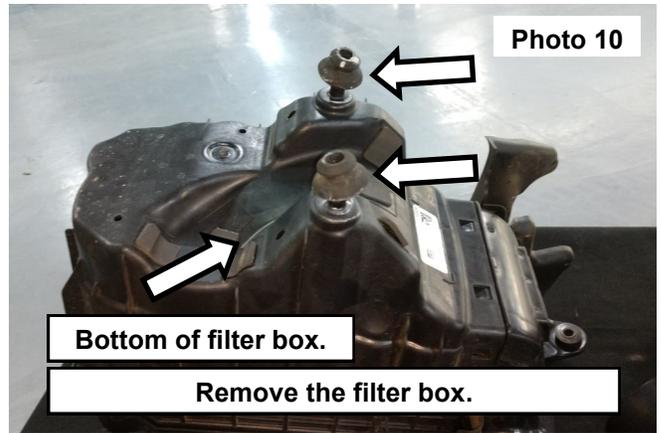
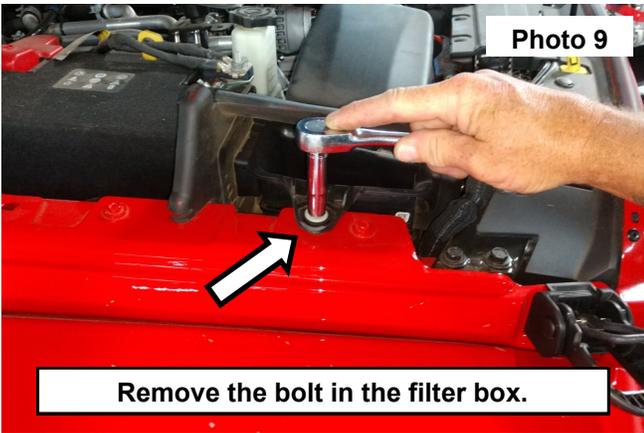
5. Remove the (2) bolts securing the intake to the radiator support using a 10mm socket. **See Photo 5.**
6. Loosen the clamp on the intake side of the flex tube using an 8mm socket. **See Photo 6.**



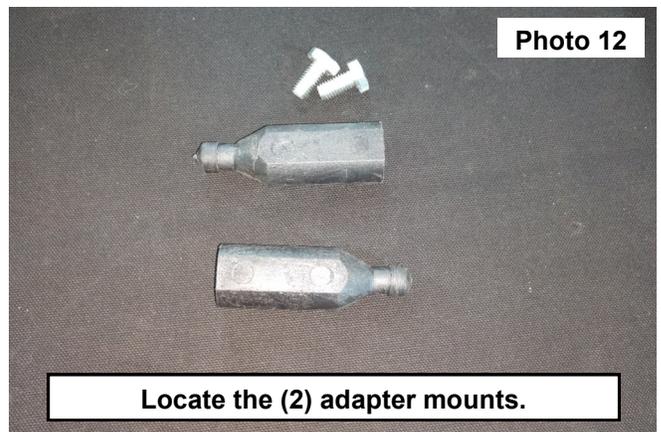
7. Loosen the clamp on the intake box side of the flex tube using an 8mm socket. Then remove the intake tube. See **Photo 7 and 8.**



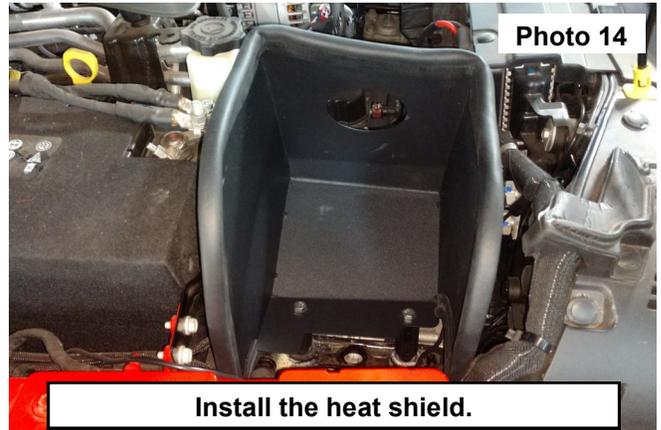
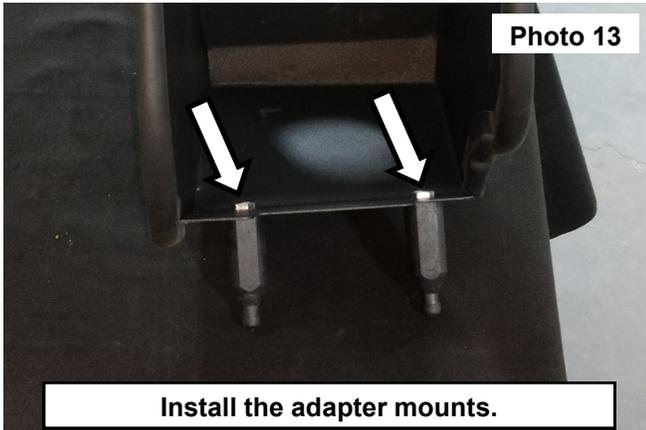
8. Remove the bolt in the air filter box using a 10mm socket. See **Photo 9.**
9. Remove the air filter box from the vehicle by pulling the box tabs from (2) rubber gromets in the lower side of the box. Remove and Retain the (2) rubber gromets for reuse. See **Photo 10.**



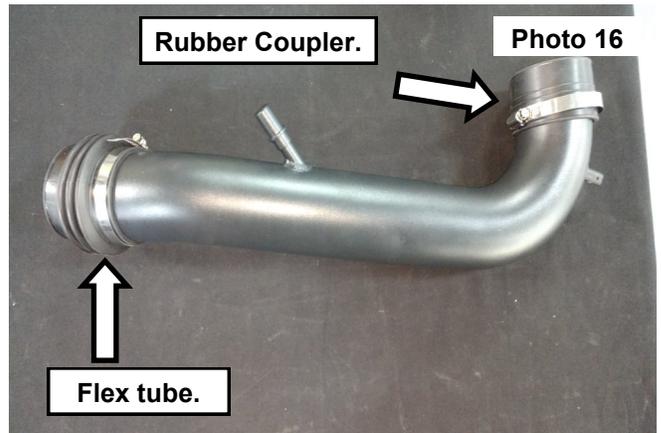
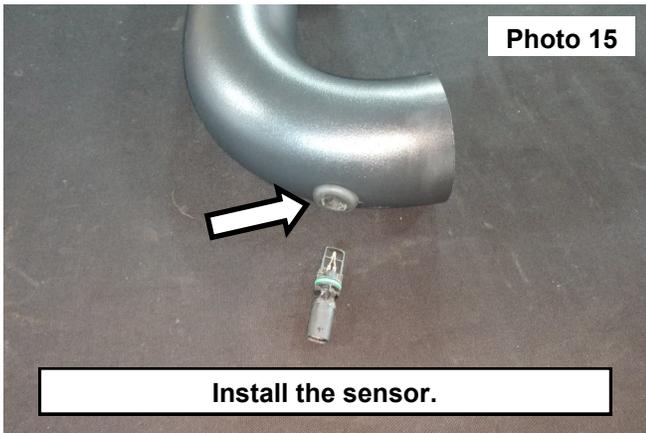
10. Install the removed rubber gromets into the original location. See **Photo 11.**
11. Locate the (2) lower heat shield adapter mounts and (2) 8mm-1.25 x 16mm Hex Head Bolts. See **Photo 12.**



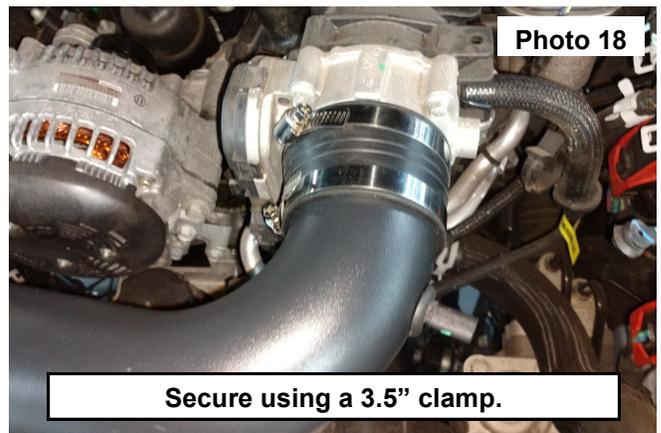
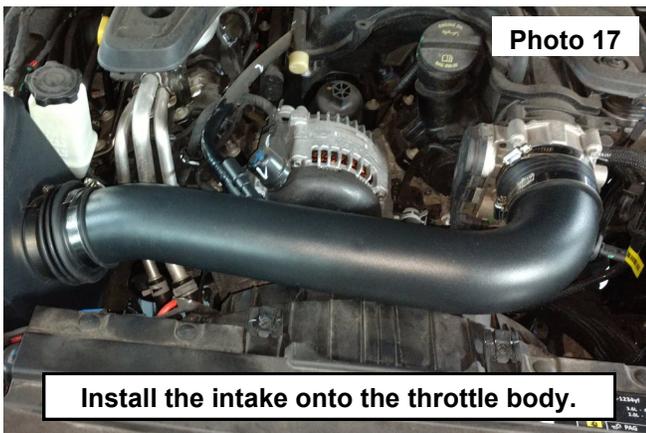
12. Install the (2) adapter mounts onto the bottom of the heat shield, secure using (2) 8mm-1.25 x 16mm Hex Head Bolts, (2) 8mm Lock Washers and (2) 8mm Flat Washers. Tighten using a 14mm socket. **See Photo 13.**
13. Install the heat shield into the vehicle. Install the (2) adapter mounts into the rubber gromets, if needed apply a lube to the rubber gromets to install. **See Photo 14.**



14. Locate the intake tube, install the supplied rubber sensor gromet into the intake tube. Then install the temp sensor into the gromet, use care not to damage the sensor. **See Photo 15.**
15. Install the flex tube and the rubber coupler onto the intake tube. Then secure using (2) of the supplied 3.5" clamps. Tighten using a 8mm socket. **See Photo 16.**

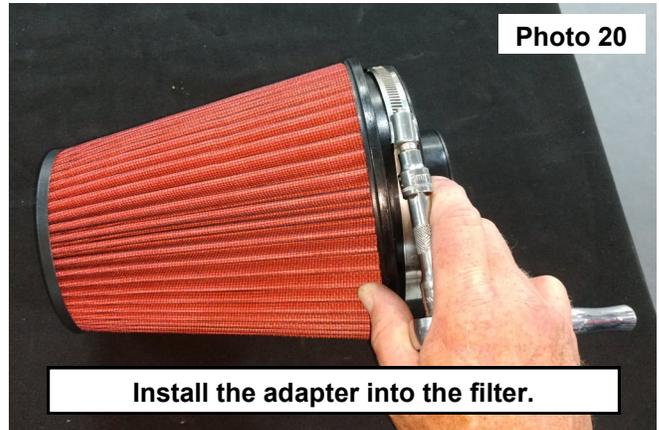
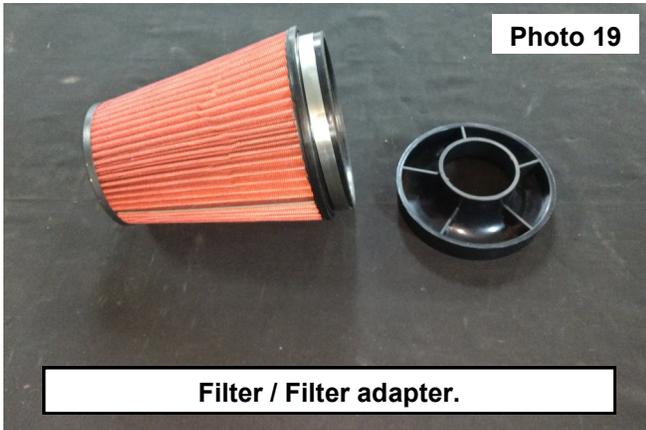


16. Install the intake / Rubber coupler onto the throttle body of the engine. **See Photo 17.**
17. Secure the rubber coupler using (1) of the supplied 3.5" clamps. **See Photo 18.**



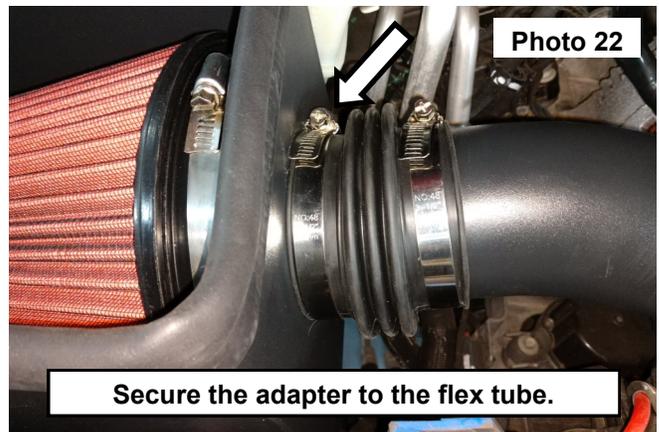
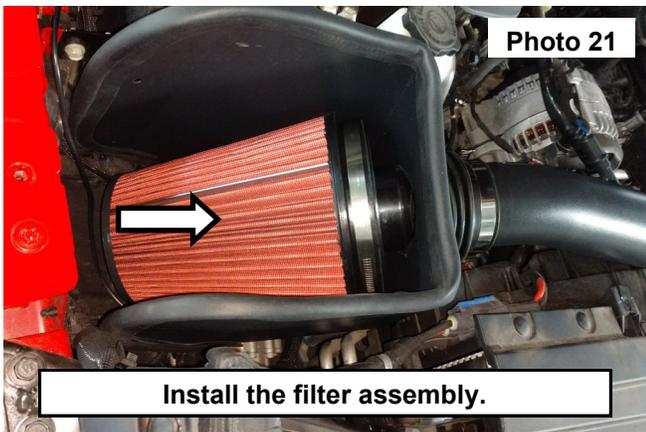
18. Locate the air filter and the air filter adapter shown in **Photo 19**.

19. Install the adapter into the filter. Then secure by tightening the clamp around the filter. **See Photo 20**.



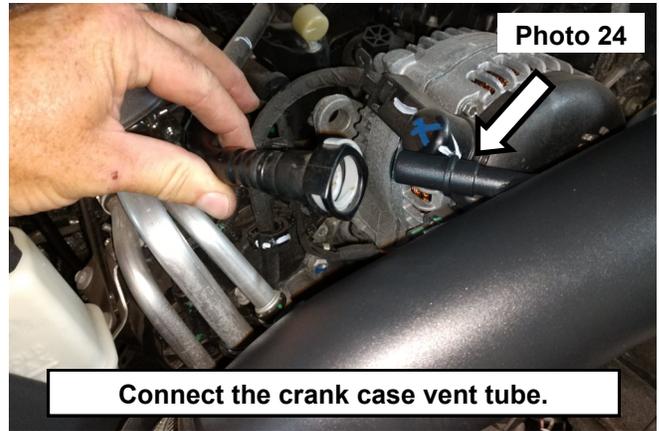
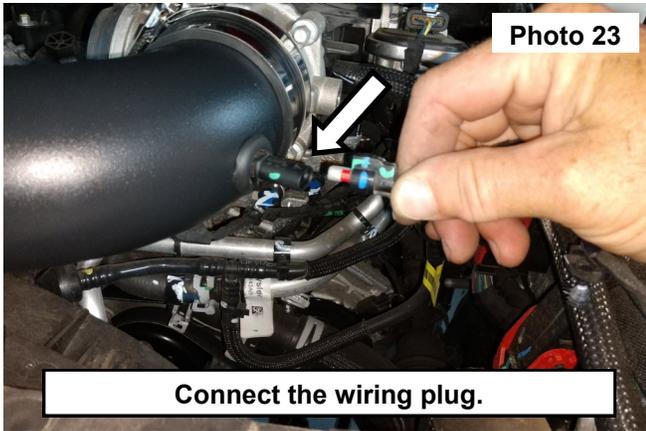
20. Install the filter assembly into the heat shield. **See Photo 21**.

21. Install (1) 3" clamp around the flex tube. Then install the filter adapter into the flex tube, pushing the adapter against the heat shield and the flex tube to the adapter. Then tighten the clamp using a 8mm socket. **See Photo 22**.



22. Connect the wiring plug to the temp sensor. **See Photo 23.**

23. Connect the crank case vent tube to the new mount on the intake tube. **See Photo 24.**



24. Install the Rough Country Badge onto the intake tube. **See Photo 25.**



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