



# AIRCHARGER™

## HIGH-FLOW INTAKE KITS



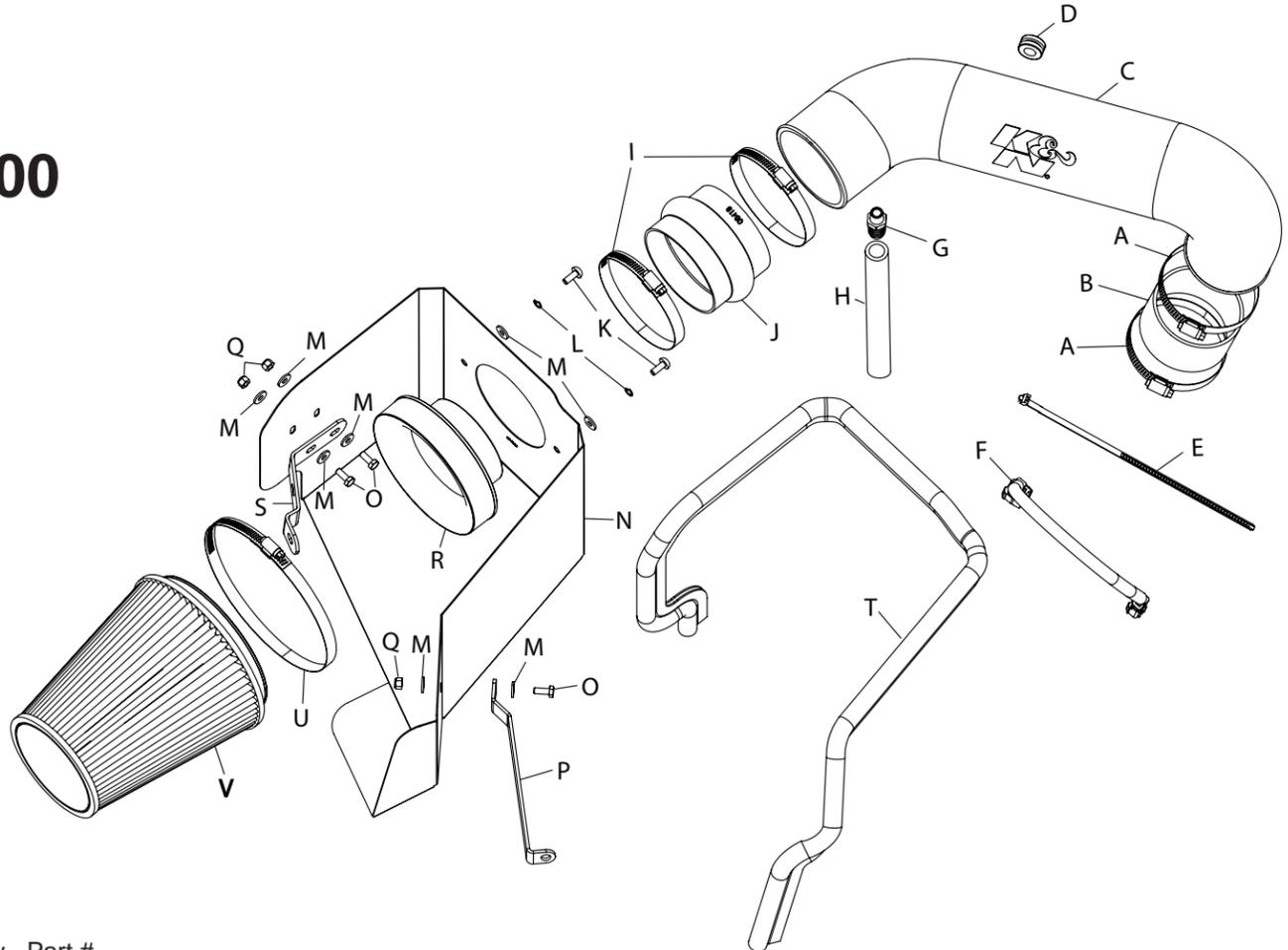
### INSTALLATION INSTRUCTIONS

## 63-1561 DODGE 2009-12 Ram 1500 V8-5.7L

**NOTE:** This kit was not designed to fit vehicles with a body lift.

#### TOOLS NEEDED:

Ratchet  
Extension  
13mm socket  
10mm socket  
5/16" socket  
10mm wrench  
3/4" wrench  
4mm allen wrench  
Flat blade screwdriver



#### PARTS LIST:

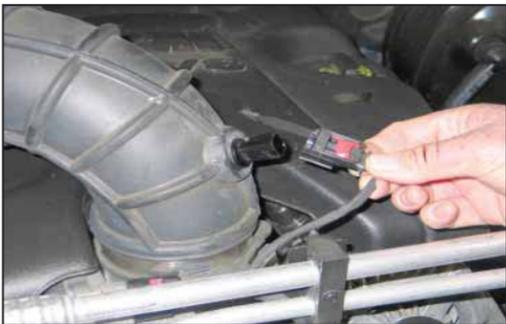
| Description                      | Qty. | Part # | Description                      | Qty. | Part #   | Description                    | Qty. | Part #  |
|----------------------------------|------|--------|----------------------------------|------|----------|--------------------------------|------|---------|
| A Hose Clamp #56                 | 2    | 08620  | I Hose Clamp #64 Stainless       | 2    | 08645    | Q Nut; 6MM Nylock, Hexhead, SS | 3    | 07512   |
| B Hose; 3-1/2" ID X 2" L         | 1    | 08698  | J Hose; 4" ID X 3" L Hump        | 1    | 08418    | R Adaptor; #454                | 1    | 27300   |
| C Intake Tube (HV)               | 1    | 087236 | K Bolt; M6 X 1.00 X 16MM ,Bttnhd | 2    | 07730    | S Bracket; "L", STL, TK/PC     | 1    | 083127  |
| D Grommet; 1"OD,1/2"ID,1/2"THK   | 1    | 08064  | L Washer; 1/4" Lcok, ZN          | 2    | 08198    | T Edge Trim (55")              | 1    | 102480  |
| E Cable Ties; 11" Black          | 1    | 21590  | M Washer; 1/4"ID X 5/8"OD - SAE  | 8    | 08275    | U Hosel Clamp #104             | 1    | 08697   |
| F Extension Harness; Dodge IAT   | 1    | 21681  | N Heat Shield                    | 1    | 074054   | V Air Filter                   | 1    | RF-1044 |
| G Vent; Strt, 5/8 Barbed 1/4 NPT | 1    | 08911  | O Bolt; 6MM-1.00 X 16MM, SS      | 3    | 07812    |                                |      |         |
| H Hose; 5/8"ID X 14"L, Silicone  | 1    | 084083 | P Bracket; "Z", STL, TK/PC       | 1    | 083103-1 |                                |      |         |

**NOTE: FAILURE TO FOLLOW INSTALLATION INSTRUCTIONS AND NOT USING THE PROVIDED HARDWARE MAY DAMAGE THE INTAKE TUBE, THROTTLE BODY AND ENGINE.**

#### TO START:

1. Turn off the ignition and disconnect the negative battery cable.

**NOTE: Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after the battery is reconnected. The anti-theft code is typically supplied with your owner's manual. In the event your vehicles' anti-theft code cannot be recovered, contact an authorized dealership to obtain your vehicles anti-theft code.**



2. Release the red locking tab and then disconnect the Inlet air temperature electrical connection.



3. Loosen the hose clamp which secures the intake tube to the throttle body.



4. Disconnect the crankcase vent hose from the airbox.



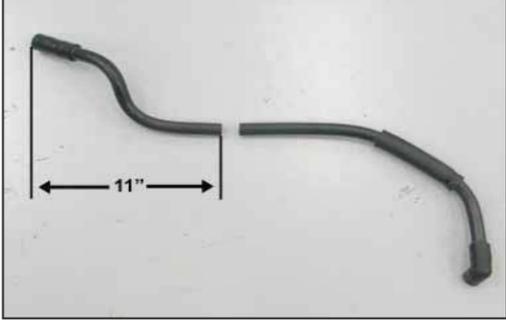
5. Disconnect the factory intake hose from the throttle body, then lift up the airbox assembly and then remove it from the vehicle.  
**NOTE: K&N Engineering, Inc., recommends that customers do not discard factory air intake.**



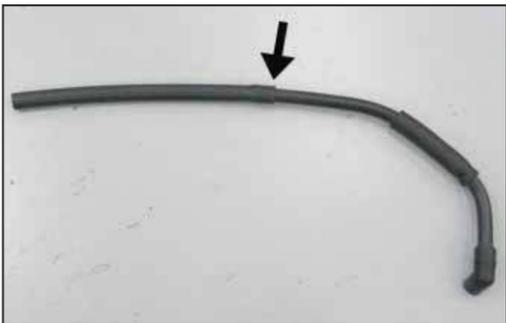
6. Lift up the engine cover to dislodge it from the mounting posts and then remove it from the vehicle.



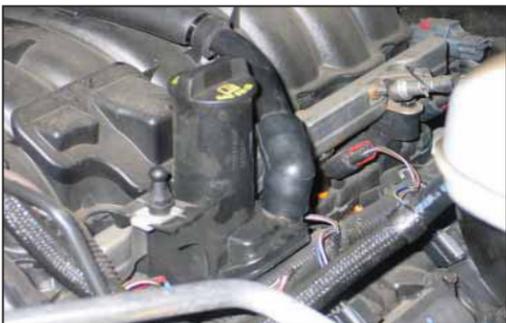
7. Disconnect the crankcase vent hose from the valve cover port.



8. Measure 11" from the air filter end of the crankcase vent tube and then trim the crankcase vent tube as shown.



9. Install the provided silicone crankcase vent hose onto the cut end of the factory crankcase vent tube as shown.



10. Install the crankcase vent assembly onto the valve cover port.



11. Reinstall the engine cover onto the mounting studs and route the crankcase vent hose through the opening.



12. Install the provided edge trim onto the heat shield as shown.  
**NOTE: Some trimming of the edge trim will be necessary.**



13. Install the provided filter adapter onto the heat shield as shown and secure with the provided hardware.



14. Install the silicone hump hose (08418) onto the filter adapter and secure with the provided hose clamp.



15. Install the heat shield mounting bracket (083127) onto the heat shield using the provided hardware.

**NOTE: Do not completely tighten at this time.**



16. Install the heat shield mounting bracket (083103-1) onto the heat shield using the provided hardware.

**NOTE: Do not completely tighten at this time.**



17. Remove the front airbox mounting bracket bolt shown.

**NOTE: This bolt will be used in a later step.**



18. Remove the front fender mounting bolt shown.  
**NOTE: This bolt will be used in a later step.**



19. Install the heat shield assembly into the vehicle and secure with the bolts removed in steps #17 and 18. Do not completely tighten at this time.



20. Install the provided silicone hose (08698) onto the throttle body and secure with the provided hose clamp.



21. Install the provided grommet into the K&N® intake tube as shown.



22. Install the 1/4npt vent fitting into the K&N® intake tube as shown.



23. Remove the inlet air temperature sensor from the stock intake tube.

**NOTE: Take care removing the sensor as it is very fragile.**



24. Install the inlet air temperature sensor into the grommet installed into the K&N® intake tube as shown.

**NOTE: Take care while installing the inlet air temperature sensor as it is very fragile.**



25. Install the K&N® intake tube into the silicone hump hose and then into the silicone hose at the throttle body. Align the heat shield assembly for proper fit and then tighten the heat shield mounting bolts then tighten the hose clamps securing the intake tube.



26. Connect the crankcase vent hose to the vent fitting installed into the K&N® intake tube. Secure with the provided tie wrap.

**NOTE: Some trimming of the vent hose will be necessary.**



27. Connect the provided inlet temperature sensor extension into the factory wiring harness and then connect the other end to the inlet temperature sensor.



28. Install the K&N® air filter and secure with the provided hose clamp.



29. Reconnect the vehicle's negative battery cable. Double check to make sure everything is tight and properly positioned before starting the vehicle.

30. It will be necessary for all K&N® high flow intake systems to be checked periodically for realignment, clearance and tightening of all connections. Failure to follow the above instructions or proper maintenance may void warranty.

#### ROAD TESTING:

1. Start the engine with the transmission in neutral or park, and the parking brake engaged. Listen for air leaks or odd noises. For air leaks secure hoses and connections. For odd noises, find cause and repair before proceeding. This kit will function identically to the factory system except for being louder and much more responsive.
2. Test drive the vehicle. Listen for odd noises or rattles and fix as necessary.
3. If road test is fine, you can now enjoy the added power and performance from your kit.
4. K&N Engineering, Inc., suggests checking the air filter element periodically for excessive dirt build-up. When the element becomes covered in dirt (or once a year), service it according to the instructions on the Recharger® service kit, part number 99-5050 or 99-5000.

**STREET LEGAL IN MOST STATES**

**NOT LEGAL FOR USE IN CA & OTHER STATES  
ADOPTING CA EMISSIONS STANDARDS**

**See our catalog or [knfilters.com](http://knfilters.com) for CARB status on each part for a specific vehicle**

\* FREE K&N® decal To register your warranty, please see us online at [knfilters.com/register](http://knfilters.com/register). FREE K&N® decal \*