



# AIRCHARGER™

## HIGH-FLOW INTAKE KITS

### INSTALLATION INSTRUCTIONS

**63-2575**

**FORD / LINCOLN**

**2007-10 Expedition**

**2007-10 Navigator**

**2009-10 F-150**

**V8-5.4L**

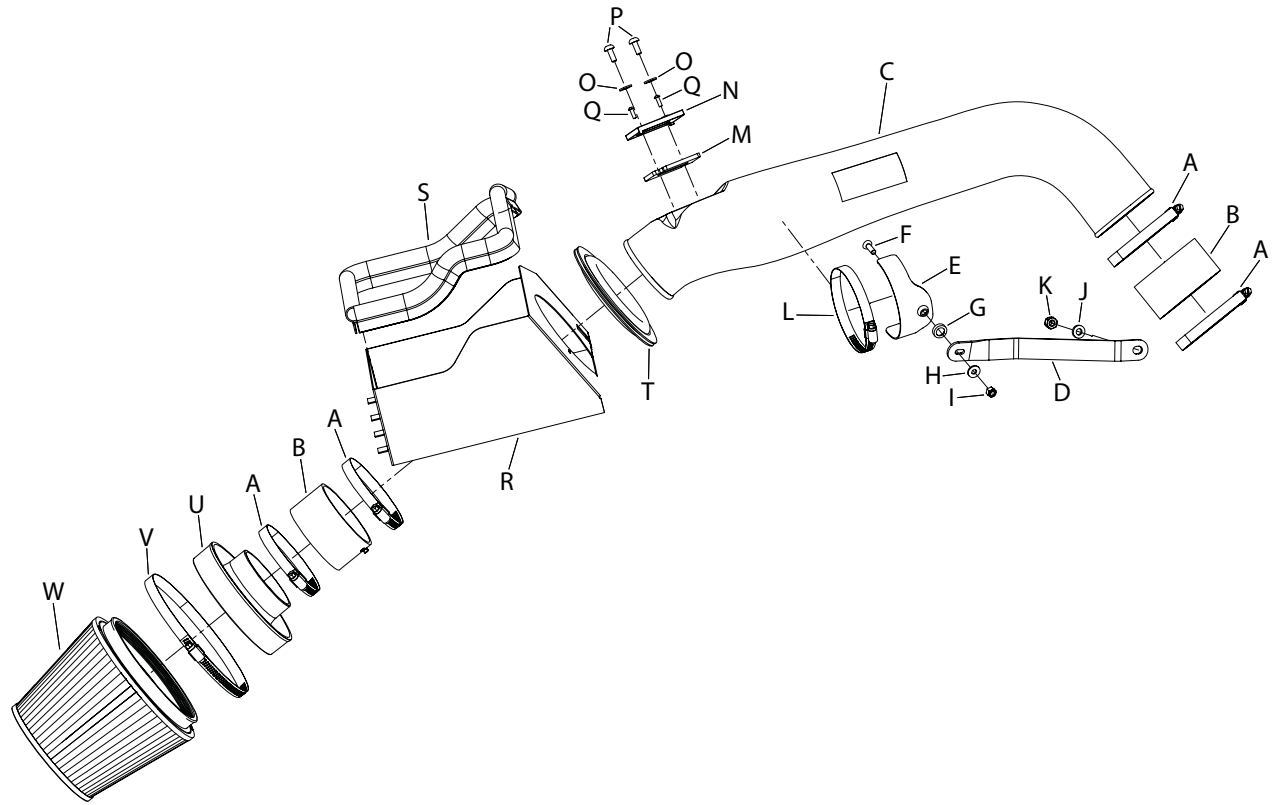
**NOTE: This kit was not designed to fit vehicles with a body lift.**

**TOOLS NEEDED:**

- flat blade screwdriver
- ratchet
- extension
- 8mm socket
- 10mm socket
- 13mm socket
- 10mm wrench
- t20 torx wrench
- 2.5mm allen wrench
- 4mm allen wrench

**PARTS LIST:**

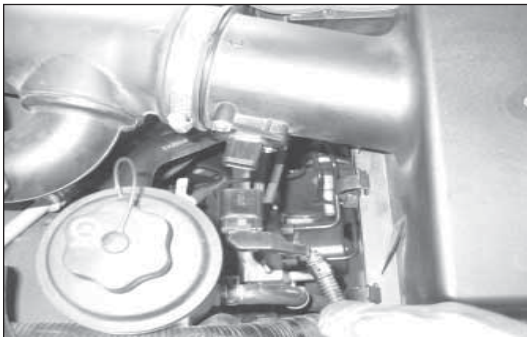
| Description                       | Qty. | Part # | Description                         | Qty. | Part # | Description                       | Qty. | Part #  |
|-----------------------------------|------|--------|-------------------------------------|------|--------|-----------------------------------|------|---------|
| A Hose Clamp #56                  | 4    | 08620  | I Nut; 6MM Nylock, Hexhead, SS      | 1    | 07512  | Q Screw; M4- .7 X 12, Buttnhd, SS | 2    | 07726   |
| B Hose; 3.5" ID X 2"L. Silicone   | 2    | 08630  | J Washer; 5/16" ID X 5/8" OD, Flat  | 1    | 08276  | R Heat Shield                     | 1    | 07355-1 |
| C Intake Tube                     | 1    | 087220 | K Nut, 8MM, Nylock                  | 1    | 07542  | S Edge Trim (42")                 | 1    | 102499  |
| D Bracket; "Z", STL, FB/PC        | 1    | 06508  | L Hose Clamp #60                    | 1    | 08624  | T Edge Trim (17")                 | 1    | 102469  |
| E Bracket; Saddle, SS             | 1    | 078855 | M Gasket; 3/16" Poron               | 1    | 09069  | U Adaptor; #380                   | 1    | 21512   |
| F Bolt; 6MM-1.00 X 20MM F/H/A, SS | 1    | 08376  | N Adaptor; Nylopn 6/6 GF, Black     | 1    | 21515  | V Hose Clamp #104                 | 1    | 08697   |
| G Washer; Conical, Nylon, Black   | 1    | 08180  | O Washer; 6MM Flat, SS              | 2    | 08269  | W Air Filter                      | 1    | RC-5173 |
| H Washer; 1/4" ID X 5/8" OD-SAE   | 1    | 08275  | P Bolt; M6 X 1.00 X 16MM, Btnhd, SS | 2    | 07730  |                                   |      |         |



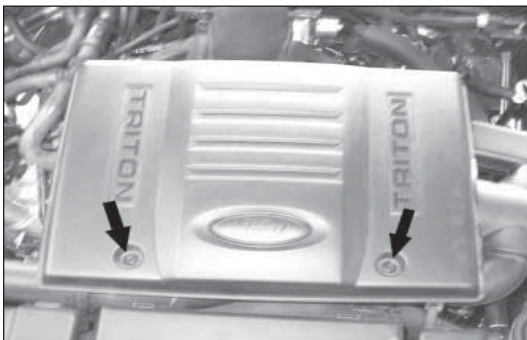
**NOTE: FAILURE TO FOLLOW INSTALLATION INSTRUCTIONS AND NOT USING THE PROVIDED HARDWARE MAY DAMAGE THE INTAKE TUBE, THROTTLE BODY, AND ENGINE.**

**TO START:**

1. Turn the ignition off and disconnect the vehicle's negative battery cable.



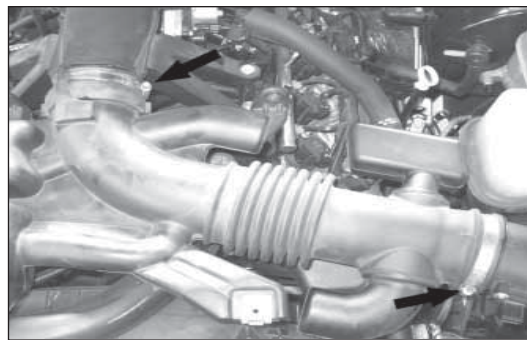
2. Release the red locking tab and disconnect the mass air sensor electrical connection.



3. Remove the two bolts that secure the engine cover.  
**NOTE: Some vehicles may not be equipped with an engine cover.**



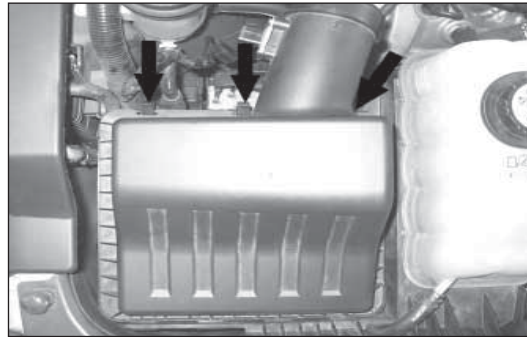
4. Remove the engine cover as shown.  
**NOTE: Some vehicles may not be equipped with an engine cover.**



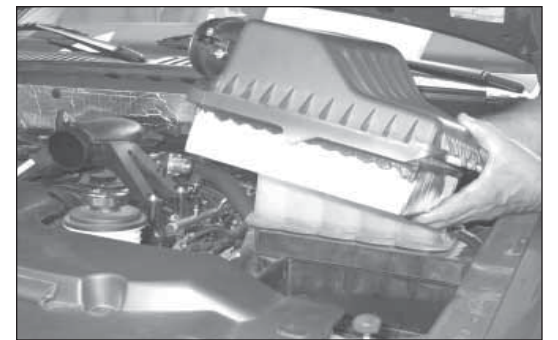
5. On the factory intake tube; loosen the hose clamps at the upper air box housing and at the throttle body inlet tube.



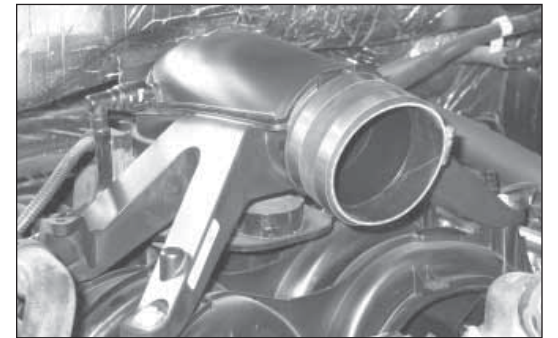
6. Remove the factory intake tube as shown.



7. Un-snap the three latches securing the upper air box housing to the lower air box housing as shown.



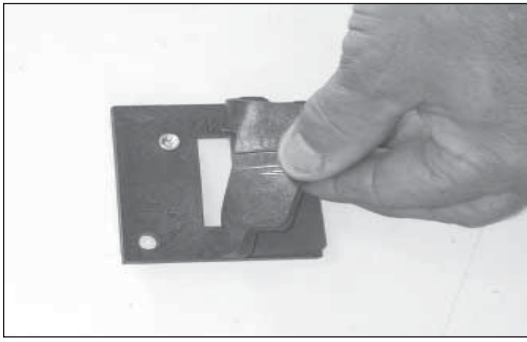
8. Remove the upper air box housing and air filter from the lower air box housing as shown.  
**NOTE: K&N Engineering, Inc., recommends that customers do not discard factory air intake.**



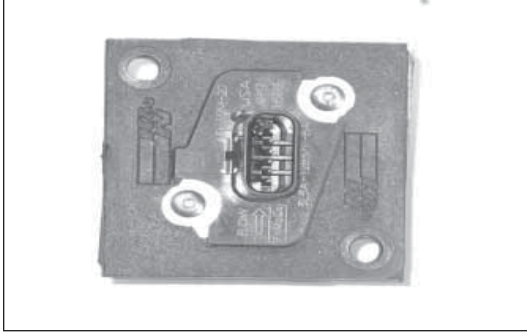
9. Install silicone hose (#08630) onto the throttle body inlet tube with the provided hose clamps as shown.



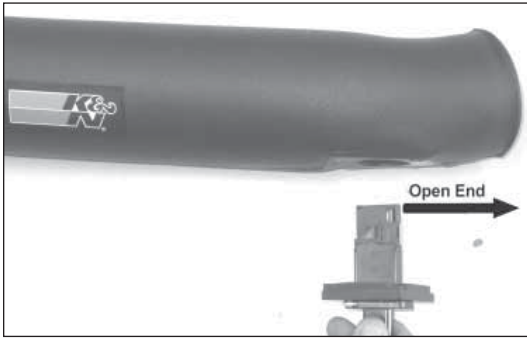
10. Remove the two screws securing the mass air sensor, then remove the mass air sensor from the upper air box housing as shown.



11. Install the provided gasket onto the mass air adapter as shown; sticky side down.



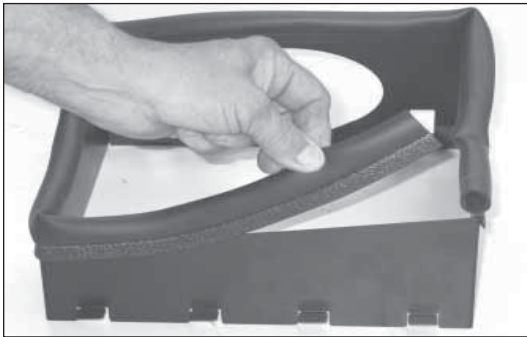
12. Install the mass air sensor onto the mass air sensor adapter with the provided hardware as shown.



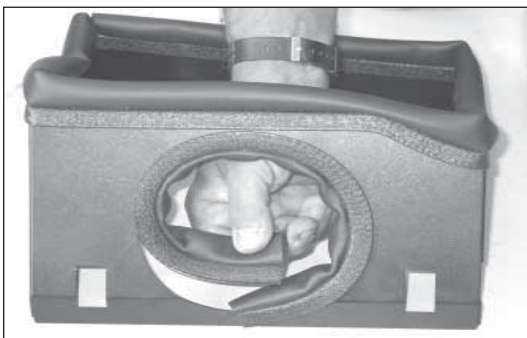
13. Install the mass air sensor assembly into the intake tube.  
**NOTE: Verify the open end of the mass air sensor is facing toward the "air filter end" of the intake tube.**



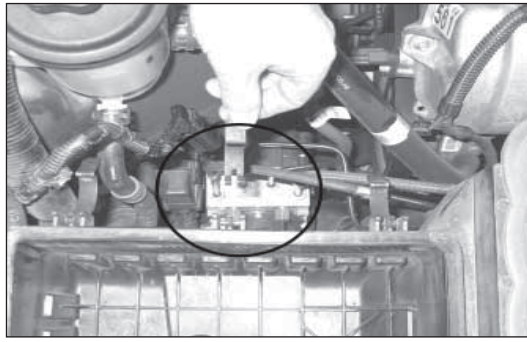
14. Secure the mass air sensor assembly onto the intake tube with the provided hardware as shown.



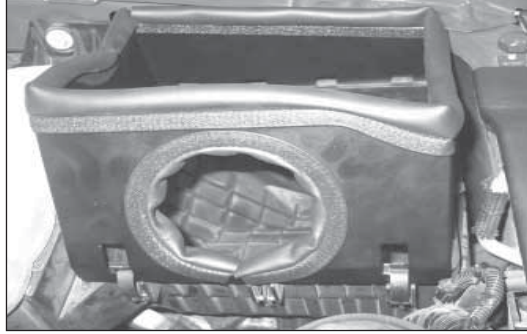
15. Install the long edge trim onto the heat shield as shown.  
**NOTE: Some trimming of the edge trim may be necessary.**



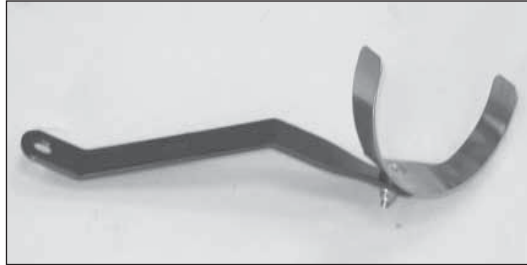
16. Install the short edge trim into the hole in the heat shield as shown.  
**NOTE: Some trimming of the edge trim may be necessary.**



17. Remove the center latch from the lower air box as shown.



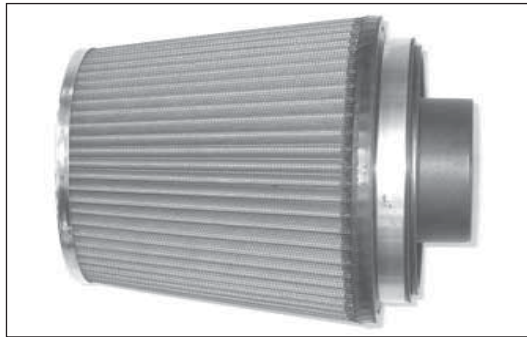
18. Install the heat shield and secure with the two remaining latches as shown.  
**NOTE: Verify the heat shield is flush on the lower air box housing, and in the latch mounts.**



19. Install the saddle clamp onto the tube bracket (#06508) and secure with the provided hardware.



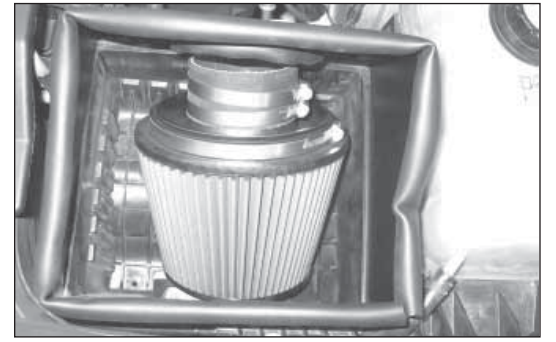
20. Install the tube bracket assembly onto the timing cover stud at the front of the engine as shown.



21. Install the air filter adapter into the K&N® air filter and secure with the provided hose clamp as shown.



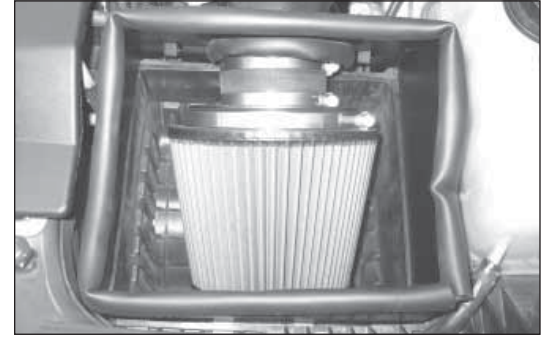
22. Install silicone hose (#08630) onto the air filter adapter and secure with the provided hose clamp.



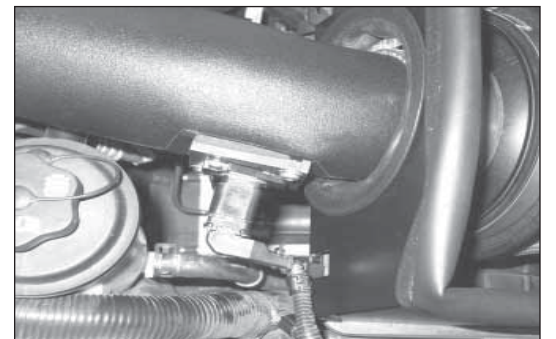
23. Place the air filter assembly into the heat shield as shown.



24. Install the intake tube into the air filter assembly and silicone hose at the engine inlet tube, then align with the tube bracket and secure with the provided hose clamps as shown.



25. Secure the K&N® air filter assembly onto the K&N® intake tube with the provided hose clamp as shown.



26. Re-connect the mass air sensor electrical connection as shown.

27. Re-connect the vehicle's negative battery cable. Ensure everything is tight and properly positioned before starting the vehicle.

28. It will be necessary for all K&N® high flow intake systems to be checked periodically for alignment, clearance, and tightening of all connections. Failure to follow above the above instructions, and/or improper 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.