



# TYPHOON INTAKE SYSTEMS

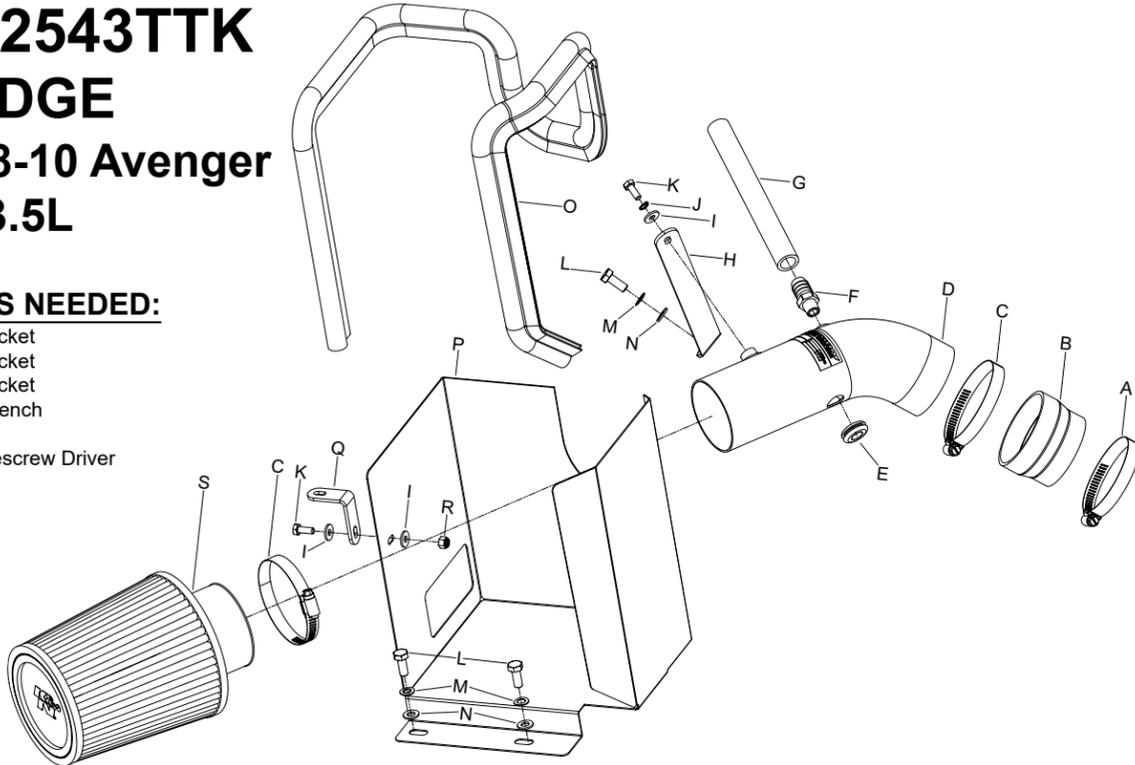
INTAKE SYSTEMS FOR VEHICLES LISTED ARE 50 STATE LEGAL. SEE KNFILTERS.COM FOR CARB STATUS ON EACH PART FOR A SPECIFIC VEHICLE.

## INSTALLATION INSTRUCTIONS

### 69-2543TTK DODGE 2008-10 Avenger V6-3.5L

#### TOOLS NEEDED:

- 10mm Socket
- 14mm Socket
- 15mm Socket
- 10mm Wrench
- Extension
- Flat Bladescrew Driver
- Pliers
- Ratchet



#### PARTS LIST:

Description	Qty.	Part #
A HOSE CLAMP; #44 STAINLESS	1	08560
B HOSE; 3" TO 2.75"ID X 2"L	1	084036
C HOSE CLAMP; #48	2	08601
D INTAKE TUBE; (AL)	1	27426TTK
E GROMMET; 1-1/16OD, 1/2ID	1	080544
F FITTING; VENT, 1/4"NPT	1	82638
G HOSE; 5/8"ID X 7.5"L	1	084008
H BRACKET; "L"	1	070117
I WASHER; 1/4"ID X 5/8"OD	3	08275
J WASHER; 1/4" LOCK	1	08198
K BOLT; M6-1 X 16MM	2	07812
L BOLT; 8MM-1.25 X 20MM	3	07787
M WASHER; 8MM SPRING (WAVE)	3	08239
N WASHER; 8MM FLAT	3	08272
O EDGE TRIM; 55"L	1	102480A
P HEAT SHIELD	1	073103
Q BRACKET; "L"	1	26517
R NUT; 6MM NYLOCK	1	07512
S AIR FILTER	1	RU-4730

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

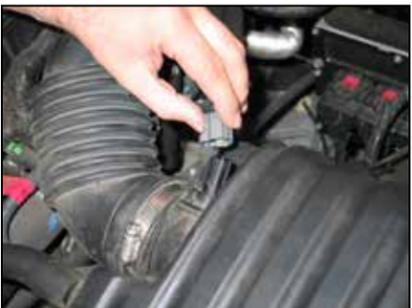
#### TO START:



- Turn off the ignition and disconnect the negative battery cable at the junction on the strut tower.
  - 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.**



- Lift up the engine cover and remove it from the engine.



- Disconnect the inlet air temperature sensor electrical connection.



- Remove the plastic retaining clip which secures the fresh air intake scoop to the core support.



- Remove the airbox retaining bolt shown. This bolt will be reused in a later step.



- Disconnect the crankcase vent hose from valve cover port as shown.



- Loosen the intake tube hose clamp and disconnect the intake tube from the throttle body. Then lift up and remove the complete stock intake assembly.
- NOTE: On some models it may be necessary to remove the battery cable mounting bracket from the airbox.**
- NOTE: K&N Engineering, Inc., recommends that customers do not discard factory air intake.**



- Remove the two airbox mounting studs from the frame rail.



- Install the tube mounting bracket (070117) onto the transmission case using the provided hardware.



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



- Install the heat shield mounting bracket (26517) onto the heat shield as shown using the provided hardware.



12. Disconnect the fresh air scoop from the airbox as shown.



13. Install the fresh air scoop into the heat shield as shown.



14. Install the heat shield assembly onto the frame rail. Secure the heat shield assembly to the factory airbox mounting locations with the factory bolt and hardware provided. Secure the fresh air intake scoop to the core support using the factory mounting pin.



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



16. Install the provided NPT fitting into the K&N® intake tube as shown.

**NOTE: NPT fitting has tapered threads and only designed to be installed until hand tight, then tighten one rotation or when the fitting becomes difficult to return.**



17. Remove the inlet air temperature sensor from the stock intake tube.  
**NOTE: Take care removing the temp sensor as it is very fragile.**



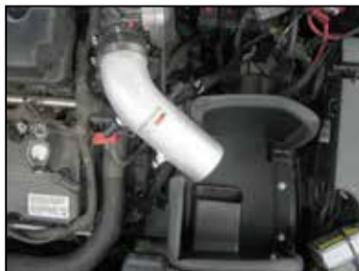
18. Remove the o-ring from the temperature sensor as shown.



19. Install the inlet air temperature sensor into the grommet installed into the K&N® intake tube.  
**NOTE: Take care installing the temp sensor as it is very fragile.**



20. Install the provided silicone hose (084036) onto the throttle body and secure with the provided hose clamp.



21. Install the K&N® intake tube into the silicone hose at the throttle body, aligning the tube with the mounting bracket. Secure with the provided hose clamp and hardware provided.



22. Install the provided crankcase vent hose onto the fitting on the valve cover. Then connect the open end to the NPT fitting installed into the K&N® intake tube.



23. Reconnect the inlet air temperature sensor electrical connection.



24. Install the K&N® air filter onto the intake tube and secure with the provided hose clamp.  
**NOTE: Drycharger® air filter wrap; part # RX-4730DK is available to purchase separately. To learn more about Drycharger® filter wraps or look up color availability please visit <http://www.knfilters.com>.**



25. Reinstall the engine cover.



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

27. The C.A.R.B. exemption sticker, (attached), must be visible under the hood so that an emissions inspector can see it when the vehicle is required to be tested for emissions. California requires testing every two years, other states may vary.

28. 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.

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