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K&N 57-1542 Installation Instructions

Cold Air Intake for Chrysler 300, Charger, Challenger & Magnum

Part number: 57-1542

trailfortress.com/k-n-performance-air-intake-system-57-1542

Scan for fitment, price and install help

FUEL INJECTION PERFORMANCE KIT
FIPK GENERATION II™

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

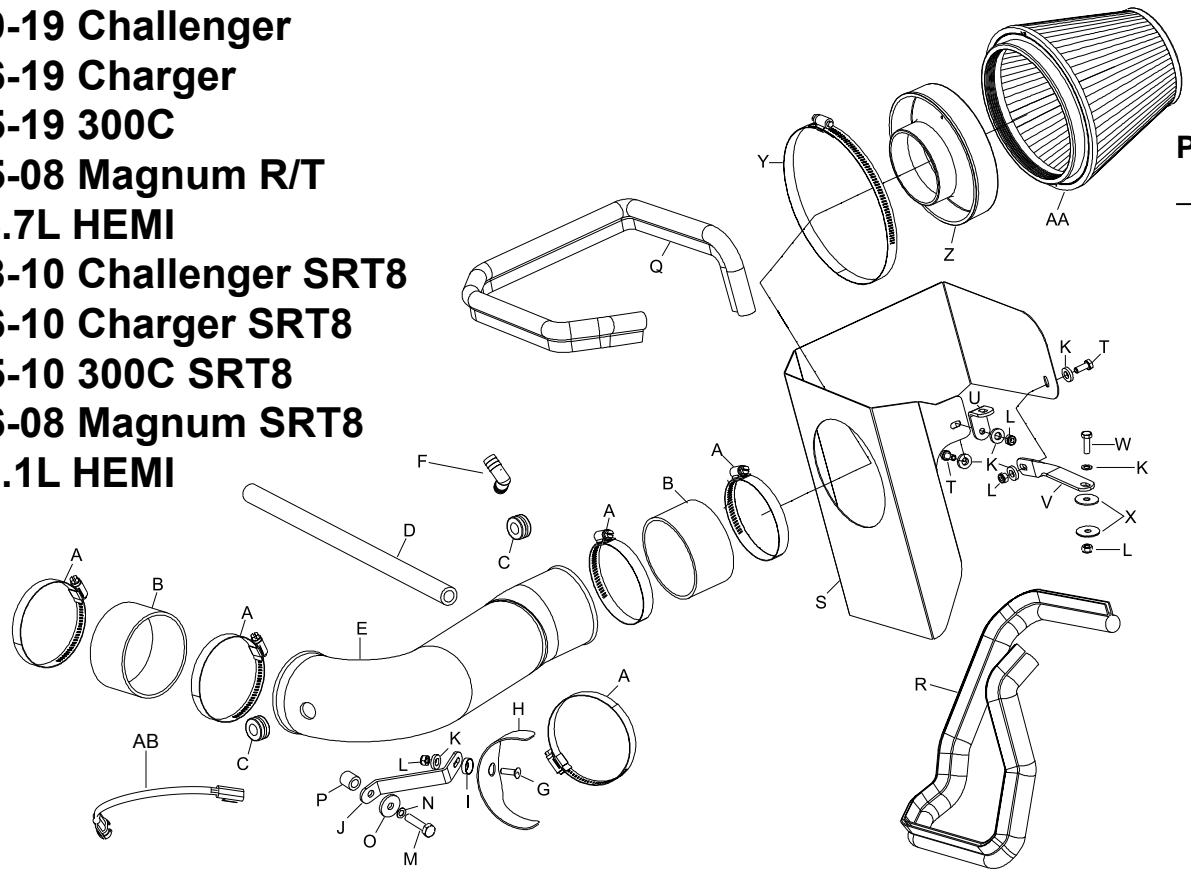
INSTALLATION INSTRUCTIONS

57-1542

DODGE / CHRYSLER

2009-19 Challenger
2006-19 Charger
2005-19 300C
2005-08 Magnum R/T
V8-5.7L HEMI
2008-10 Challenger SRT8
2006-10 Charger SRT8
2005-10 300C SRT8
2006-08 Magnum SRT8
V8-6.1L HEMI

NOTE: Not designed to fit models equipped with SHAKER hoods.



TOOLS NEEDED:

4mm Allen
3/4" Drill Bit
10mm Socket
13mm Socket
10mm Wrench
Drill
Flat Blade Screwdriver
Hack Saw
Ratchet

PARTS LIST:

	Description	Qty.	Part #
A	HOSE CLAMP #56	5	08620
B	HOSE 3.5"ID X 2"L	2	08630
C	GROMMET 1"OD X 1/2"ID	2	08064
D	HOSE 1/2"ID X 17"L	1	08177
E	INTAKE TUBE; (EM)	1	087153A
F	FITTING; VENT, ELBOW	1	08065
G	BOLT; M6-1.00 X 20MM	1	08376
H	SADDLE BRACKET	1	078855
I	WASHER; CONCIAL	1	08180
J	BRACKET; "Z"	1	010088A
K	WASHER; 1/4"ID X 5/8"OD	6	08275
L	NUT; 6MM NYLOCK	4	07553
M	BOLT 8MM-1.25 X 35MM	1	07784
N	8MM WAVE WASHER	1	08239
O	FLAT WASHER 5/16"	1	08276
P	SPACER .625"ID X .625"L	1	07849
Q	EDGE TRIM 30"L	1	102489A
R	EDGE TRIM 39"L	1	102496A
S	HEAT SHIELD	1	07498A
T	BOLT; M6-100 X 16MM	2	07703
U	BRACKET; "L" SMALL	1	070066A
V	TWIST BRACKET SHORT	1	070772A
W	BOLT M6-1.00 X 20MM	1	07865
X	FENDER WASHER 1/4" X 1"	2	08160
Y	HOSE CLAMP #104	1	08697
Z	ADAPTER' 3.5" COUPLER	1	21512-1
AA	AIR FILTER	1	RU-1042
AB	EXTENSION HARNESS; IAT	1	21680

If you need any assistance please call 1-800-858-3333 to speak with a representative in our Customer Service Center before returning the product.

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. Lift up on the engine cover to loosen it from the mounts, and then remove the cover from the vehicle.



3. Unlock the red locking tab on the air temperature sensor electrical connection, then depress the locking lever and pull apart the temperature sensor electrical connection.



4. Loosen the hose clamp that secures the intake tube to the throttle body and pull the intake tube off of the throttle body.



5. Disconnect the crank case vent hose from the valve cover port as shown.



5a. On SRT-8; 6.1L vehicles, disconnect the crank case vent hose from the air box as shown.



6. Loosen and remove the air box mounting bolt as shown.



7. Lift the complete intake and air filter assembly to remove it from the vehicle.
K&N Engineering, Inc., recommends that customers do not discard factory air intake.



8. Install the twist bracket (070772A) onto the core support using the hardware provided through the existing hole as shown.
NOTE: Use the two fender washers provided to sandwich the core support. Do not completely tighten at this time.



9. Install the “L” bracket (070066A) onto the heat shield with the provided hardware through the non-slotted hole in the bracket.



10. Install the two pieces of edge trim onto the heat shield as shown, be sure to leave a gap at the bracket mounting locations.



11. Install the heat shield assembly into the vehicle and secure to the bracket installed in step #8. Then secure the “L” bracket with the factory bolt removed in step #6 to the air box mounting location.





11a. Due to vehicle manufacturing tolerances, the A/C lines on some vehicles may need to repositioned slightly so that they do not contact the heat shield. To adjust, grab the A/C line on the aluminum section and carefully apply pressure in the desired direction until clearance is obtained.



12. Assemble the tube mounting bracket and saddle clamp as shown with the provided hardware.



13. Using the provided spacer, install the tube mounting bracket assembly onto the engine as shown.



14. Install the silicone hose (08630) onto the throttle body and secure with the provided hose clamp as shown.



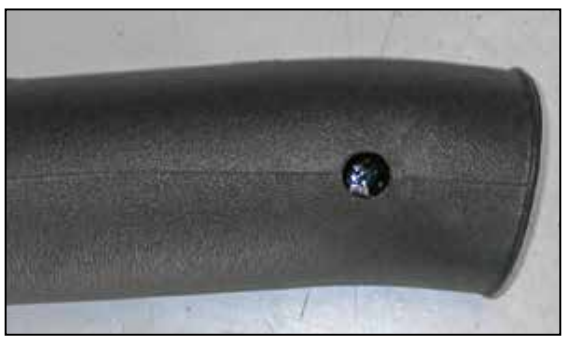
15. Remove the air temperature sensor from the factory intake tube.



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



16a. On SRT 8; 6.1L vehicles, cut the vent off of the K&N® intake tube as shown.



16b. Drill out the hole in the intake tube to 0.75”.



16c. On SRT 8; 6.1L equipped vehicles, install the provided grommet into the 0.75” ID hole as shown.



16d. On SRT 8; 6.1L equipped vehicles, install the provided 90° hose mender as shown.



17. Install the factory air temperature sensor into the grommet installed in step #16.



18. Install the K&N® intake tube into the throttle body and onto the saddle clamp as shown, then secure with the hose clamps provided.



19. Install the provided crank case vent hose onto the vent port on the valve cover then install the vent hose onto the K&N® intake tube.



19a. On SRT 8; 6.1L equipped vehicles, connect the factory crank case vent hose onto the 90° fitting installed into the K&N® intake tube (in step #16c).

Continued INSTALLATION INSTRUCTIONS



20. Install the filter adapter into the air filter and secure with the provided hose clamp.



21. Install silicone hose (08630) onto the air filter assembly and secure with the provided hose clamp.



22. Install the air filter assembly onto the K&N® intake tube and secure with the provided hose clamp as shown.



23. Reconnect the air temperature sensor electrical connection as shown.



24. Reinstall the engine cover removed in step #2.



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

26. 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.

27. 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., requires cleaning the intake system's air filter element every 100,000 miles. When used in dusty or off-road environments, our filters will require cleaning more often. We recommend that you visually inspect your filter once every 25,000 miles to determine if the screen is still visible. When the screen is no longer visible some place on the filter element, it is time to clean it. To clean and re-oil, purchase our filter Recharger® service kit, part number 99-5050 or 99-5000 and follow the easy instructions.

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