



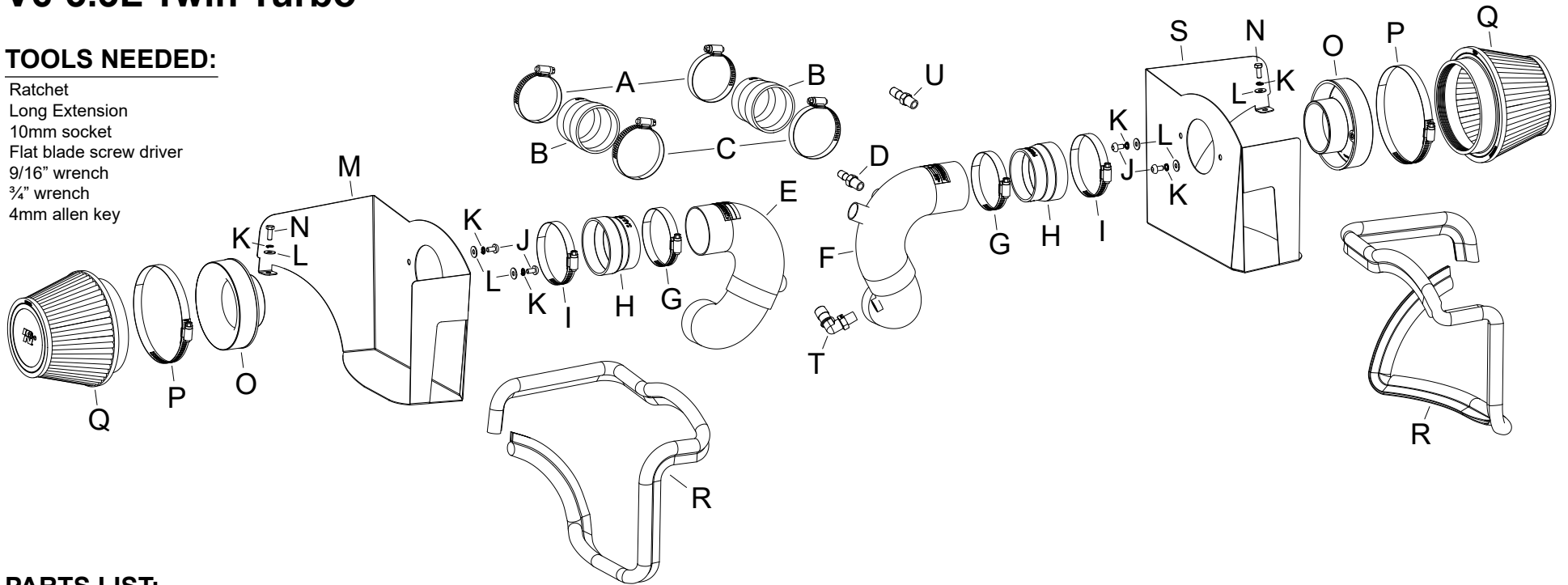
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INSTALLATION INSTRUCTIONS

69-5318TS KIA 2018-19 Stinger V6-3.3L Twin Turbo

TOOLS NEEDED:

Ratchet
Long Extension
10mm socket
Flat blade screw driver
9/16" wrench
3/4" wrench
4mm allen key



PARTS LIST:

Description	Qty.	Part #	Description	Qty.	Part #	Description	Qty.	Part #
A HOSE CLAMP #36	2	08530	H HOSE; 3" TO 2.75"ID X 2"L	2	084036	O ADAPTER; FILTER, 3.0"OD	2	21569
B HOSE; 2.25"ID TO 2.5"ID	2	08638	I HOSE CLAMP #48	2	08601	P HOSE CLAMP; #80	2	KITHS88
C HOSE CLAMP #40	2	08554	J BOLT; M6-1 X12MM	4	07794	Q FILTER CHARGER	2	RU-5163
D VENT; STRT, 3/8"HOSE, 1/4"	1	08047	K WASHER, M6 SPLIT LOCK ZINC	6	1-3025	R EDGE TRIM (48")	2	102485A
E INTAKE TUBE PS	1	27678S	L WASHER; 6MM FLAT	6	08269	S HEAT SHIELD DS	1	073252
F INTAKE TUBE DS	1	27677S	M HEAT SHIELD PS	1	073253	T VENT; 1/4NPT, 90DEG.,5/8"	1	08525
G HOSE CLAMP #44 STAINLESS	2	08560	N BOLT; M6-1 X 16MM	2	07812	U VENT; 1/2" HOSE, 1/4"NPT	1	080022

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. Remove the four bolts shown that secure the two strut tower braces to the vehicle and then remove the braces from the vehicle.
NOTE; These braces and bolts will be reinstalled later.

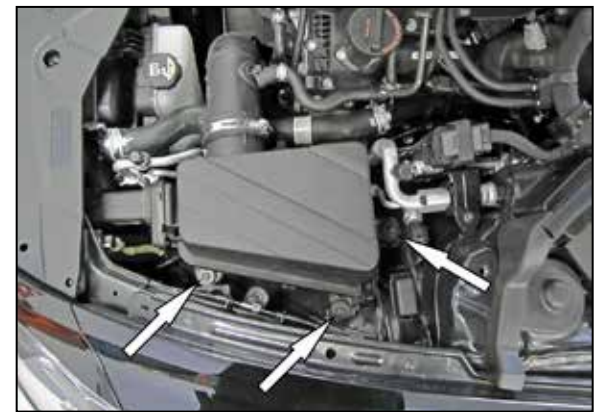


3. Release the spring clamps that secure the two vent lines attached to the driver's side intake tube and then disconnect the vent lines from the intake tube.

NOTE: one of the vent lines is on the bottom section of the tube.



4. Release the spring clamps that secure the driver side BOV hose to the BOV and intake tube, then remove the driver side BOV hose.
NOTE: This hose will be reused.



5. Remove the three bolts that secure the driver side air filter housing to the inner fender, loosen the hose clamp that secures the intake tube to the air filter housing and disconnect the tube. Remove the driver side air filter housing from the vehicle.

NOTE: K&N Engineering, Inc., recommends that customers do not discard factory air intake.



6. Loosen the hose clamp that secures the intake tube to the driver side turbo and then remove the intake tube from the vehicle.



7. Release the spring clamps that secure the passenger side BOV hose to the BOV and intake tube, then remove the passenger side BOV hose.
NOTE: This hose will be reused.



8. Remove the three bolts that secure the passenger side air filter housing to the inner fender, loosen the hose clamp that secures the intake tube to the air filter housing and disconnect the tube. Remove the passenger side air filter housing from the vehicle.



9. Loosen the hose clamp that secures the intake tube to the passenger side turbo and then remove the intake tube from the vehicle.



10. Install one of the two provided filter adapters into the driver side heat shield (073252) as shown and secure the adapter with the provided hardware.



11. Install the edge trim onto the driver side heat shield as shown.
NOTE: Some trimming of the edge trim will be necessary.



12. Install one of the provided air filters onto the driver side filter adapter as shown and secure with the provided hose clamp.



13. Install the driver side heat shield assembly into the vehicle so the fresh air intake inserts into the opening of the heat shield and then secure the heat shield with the provided hardware. Install the coupling hose (084036) onto the filter adapter and secure with the provided hose clamp.



14. Install coupling hose (08638) onto the turbo inlet and secure with the provided hose clamp.



15. Install the NPT vent fittings into the driver side K&N® intake (27677) as shown.

NOTE: Be sure to use the correct vent fitting to match the corresponding hose size used on vehicle. Vent #08047 is 3/8" OD and Vent #080022 is 1/2" OD.

NOTE: Plastic NPT fittings are easy to cross thread. Install the vent fitting "hand" tight, then turn it two complete turns with a wrench.



16. Install the driver side intake tube (27677) into the coupler at the turbo and then into the coupler at the filter adapter, adjust the tube and heat shield assembly for best fit and then secure with the provided hose clamps.



17. Install the passenger side BOV hose onto the driver side intake tube and BOV valve, secure with the factory spring clamps. Connect the vent lines to the fittings installed into the K&N® intake tube.



18. Install the remaining filter adapter into the passenger side heat shield (073253) as shown and secure the adapter with the provided hardware.



19. Install the edge trim onto the passenger side heat shield as shown.

NOTE: Some trimming of the edge trim will be necessary.



20. Install the remaining air filter onto the passenger side filter adapter as shown and secure with the provided hose clamp.



21. Install the passenger side heat shield assembly into the vehicle so the fresh air intake inserts into the opening of the heat shield and then secure the heat shield with the provided hardware.



22. Install the coupling hose (084036) onto the filter adapter and secure with the provided hose clamp.



23. Install coupling hose (08638) onto the turbo inlet and secure with the provided hose clamp.



24. Install the passenger side intake tube (27678) into the coupler at the turbo and then into the coupler at the filter adapter, adjust the tube and heat shield assembly for best fit and then secure with the provided hose clamps. Install the driver side BOV hose onto the fitting on the K&N® intake tube and then onto the BOV valve. Secure with the factory spring clamps.



25. Reinstall both strut tower braces and secure with the factory hardware.



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

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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