



TYPHOON INTAKE SYSTEMS

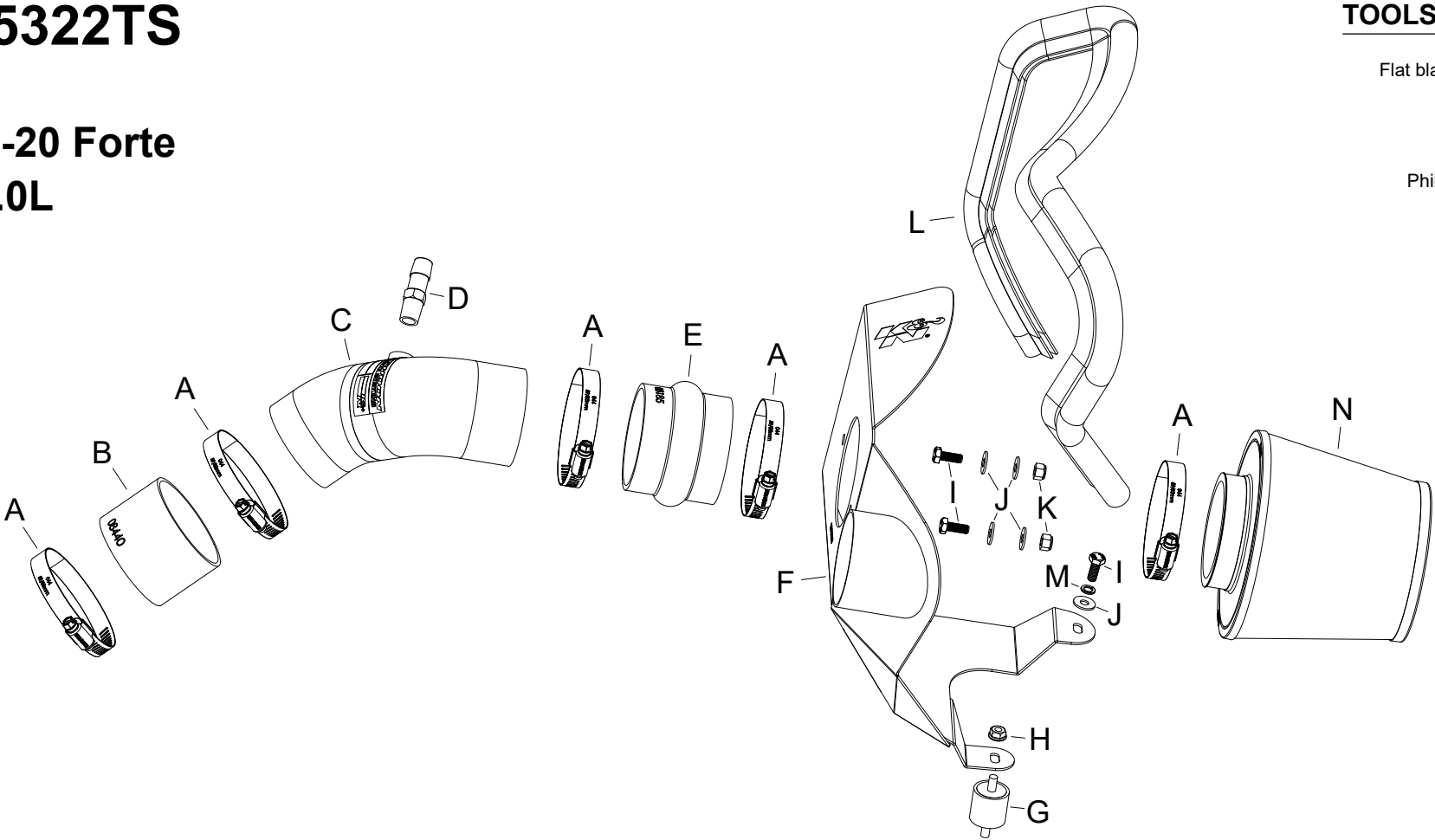
NOT LEGAL FOR SALE OR USE ON ANY POLLUTION CONTROLLED MOTOR VEHICLE IN CALIFORNIA OR STATES ADOPTING CALIFORNIA EMISSION PROCEDURES.
See knfilters.com for CARB status on each part for a specific vehicle

INSTALLATION INSTRUCTIONS

69-5322TS
KIA
2019-20 Forte
L4-2.0L

TOOLS NEEDED:

- Pliers
- Flat blade screw driver
- Ratchet
- Extension
- 10mm socket
- 9/16" wrench
- Phillips screwdriver
- 10mm wrench



PARTS LIST:

Description	Qty.	Part #	Description	Qty.	Part #	Description	Qty.	Part #
A HOSE CLAMP; #44	5	08577	F HEAT SHIELD; 69-5322, MILD	1	073289	K NUT; 6MM NYLOCK, HEXHEAD	2	07512
B HOSE; 2.75"ID X 2"L REIN	1	08440	G MOUNT, RUBBER 1" X 6MM	1	1228599	L EDGE TRIM; 3/4" BULB, TOP	1	102471A
C TUBE; 2.75"OD X 8"L, AL	1	25823S	H NUT; M6, HEX, SERRATED	1	444.460.04	M WASHER; M6 SPLIT LOCK ZINC	1	1-3025
D VENT; STRT, 1/2" HOSE, 1/4"	1	080022	I BOLT; M6-1 X 16MM, SS	3	07812	N FILTER; 2-3/4"FLG, 5-7/8"B	1	RC-5284
E HOSE; HUMP 2.75"ID X 2.5"L	1	08185	J WASHER; 6MM FLAT, SS	5	08269			

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. Push in the center of the retaining pins and then remove the fresh air retaining pins. Remove the fresh air intake scoop and duct from the vehicle.



3. Disconnect the mass air sensor electrical connection. Release the spring clamp that secures the PCV hose to the intake hose and then disconnect the PCV hose.



4. Loosen the hose clamp that secures the intake hose to the throttle body.



5. Release the two upper air filter housing retaining clips and then remove the upper air filter housing and intake hose from the vehicle.



6. Remove the three bolts that secure the lower air filter housing and then remove the lower air filter housing.
NOTE: K&N Engineering, Inc., recommends that customers do not discard factory air intake.



7. Loosen the hose clamp and then remove the intake hose from mass air sensor housing.



8. Remove the two bolts and then remove the mass air sensor housing from the air filter housing. Remove the O-ring from the mass air sensor housing.



9. Install the edge trim onto the heat shield as shown.

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



10. Using the provided hardware, secure the mass air sensor into the heat shield as shown.



11. Install the provided rubber mounted stud onto the frame rail as shown.



12. Install the heat shield into the vehicle and secure with the provided hardware.



13. Install the provided coupler (08440) onto the throttle body and secure with the provided hose clamp.



14. Install the provided hump Coupler onto the mass air sensor and secure with the provided hose clamp.



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

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 intake tube into the couplers and adjust for best fit and then secure with the provided hose clamps.



17. Reconnect the mass air sensor electrical connection and connect the factory PCV hose to the fitting installed into the K&N® intake tube.



18. Install the air filter onto the mass air sensor housing and secure with the provided hose clamp.



19. Remove the fresh air duct from the scoop.
NOTE: The duct is glued to the scoop.



20. Install the fresh air scoop onto the heat shield and secure with the factory retaining pins.



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

22. 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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