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K&N 30-2616 Installation Instructions

Cold Air Intake for Ford F-150 (2021-2025)

Part number: 30-2616

trailfortress.com/k-n-performance-air-intake-system-30-2616

Scan for fitment, price and install help

DRYFLOW AIR INTAKE SYSTEMS

INSTALLATION INSTRUCTIONS

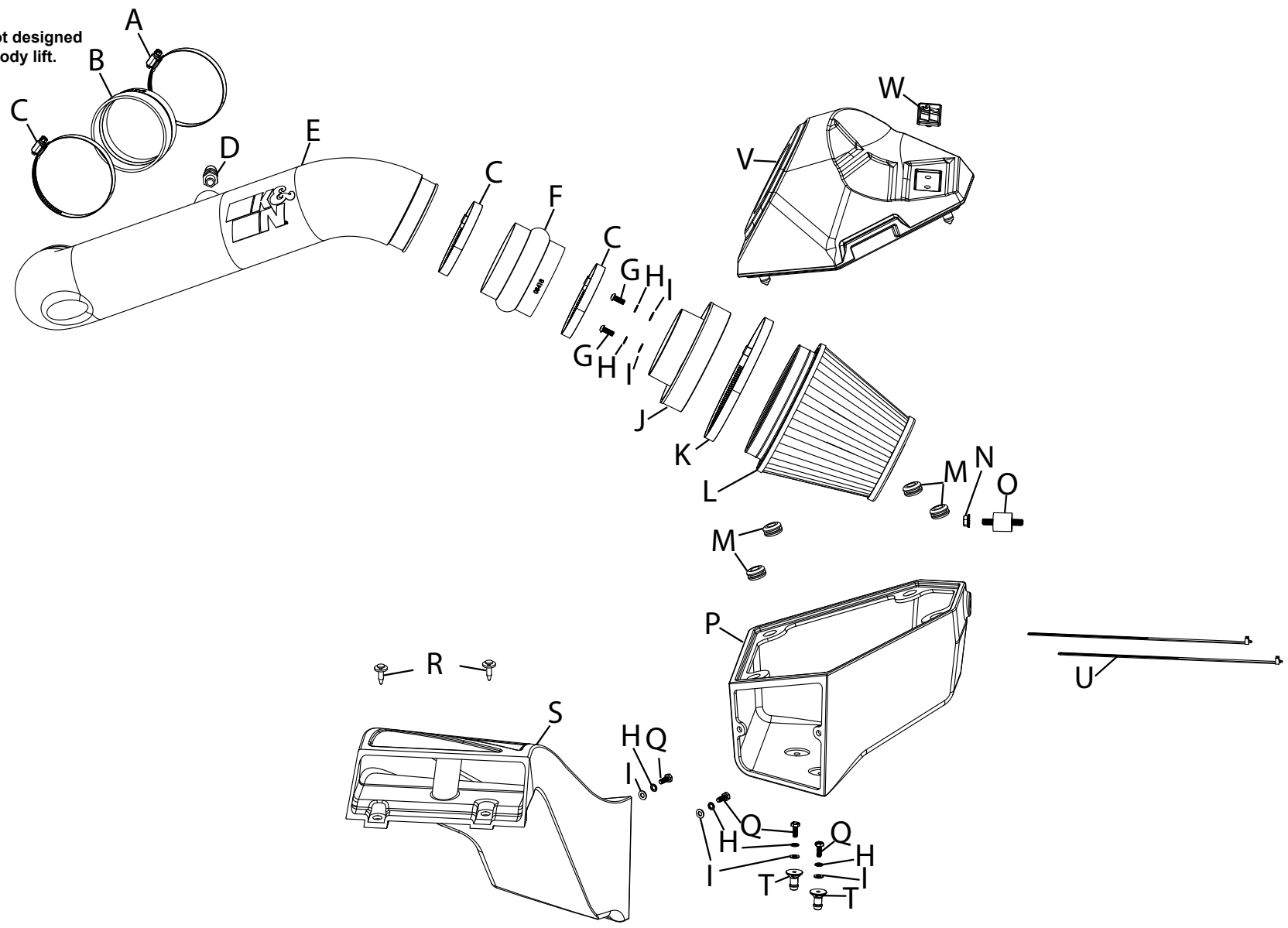
Not legal for sale or use in California on any pollution controlled motor vehicle.

30-2616
FORD
2021-25 F150
V8-5.0L

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

TOOLS NEEDED:

Ratchet
Extension
7mm Socket
8mm Socket
5mm Allen Key
Flat Head Screw Driver
Hack Saw



PARTS LIST:

	Description	Qty.	Part #		Description	Qty.	Part #		Description	Qty.	Part #
A	HOSE CLAMP; #60 STAINLESS	1	08628	I	WASHER; 6MM FLAT	6	08269	Q	BOLT; M6-1 X 16MM, HEX	4	07812
B	HOSE; 4” TO 3-13/16”ID X 2”L	1	08618	J	ADAPTOR; #454	1	27300	R	CLIP; RETAINER BODY NYLON	2	KITRETCLIP02
C	HOSE CLAMP; #64 STAINLESS	3	08645	K	HOSE CLAMP; #104 BLK	1	08697KA	S	AIR DUCT; FRESH AIR (PO)	1	087519
D	VENT; 1/4 NPT TO 5/8 OD	1	082628	L	AIR FILTER	1	RU-3102HBK	T	MOUNT; PLASTIC AIRBOX	2	8-186-1
E	INTAKE TUBE; (PP)	1	087520	M	GROMMET; 1”OD, 1/2”ID, 1/2”THK	4	08064	U	CABLE TIES; 11” BLK	2	21590
F	HOSE; HUMP 4”ID X 3”L	1	08418	N	NUT, M6, HEX SERRATED	1	444.460.08	V	LID; (PN)	1	087518
G	BOLT; M6 X 1 X 16MM, BTNHD	2	07730	O	MOUNT; RUBBER 1” X 8MM - 1”L	1	1228560	W	BADE; PLASTIC, SNAP-IN	1	088096
H	WASHER; M6, SPLIT LOCK	6	1-3025	P	AIRBOX; (MJ)	1	087426A				

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. Loosen the hose clamp that secures the factory intake tube to the air filter housing.



3. Release the CCV quick connect fitting and disconnect the fitting from the intake tube. Unhook the coolant line from the intake tube. Loosen the hose clamp that secures the intake tube to the throttle body.



4. Remove the intake tube from the vehicle.



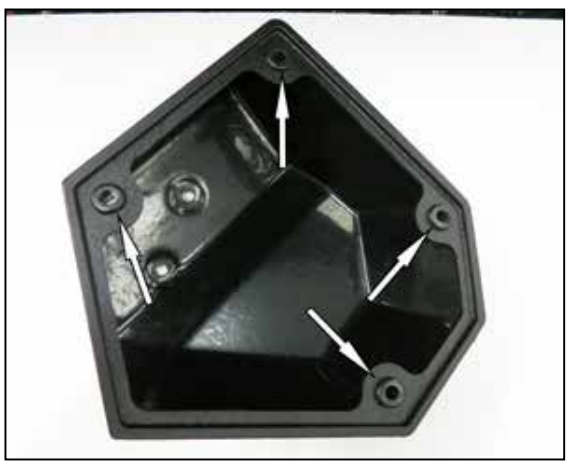
5. Pry up the push-pin locks that secure the fresh air intake duct and remove the pins.



6. Remove the bolt that secures the factory air filter housing to the inner fender.



7. Remove the air filter housing/fresh air intake duct assembly from the vehicle.



8. Install the provided grommets into the K&N lower air filter housing.



9. Install the provided mounting studs onto the K&N lower air filter housing using the provided hardware.



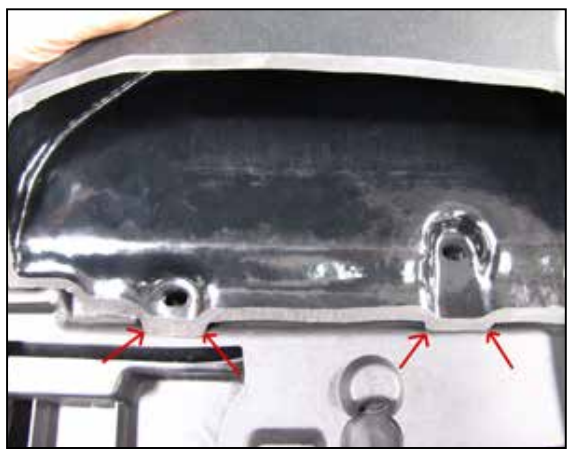
10. Install the K&N fresh air duct onto the K&N lower air filter housing using the provided hardware.



11. Install the provided rubber mounted stud into the inner fender at the air filter housing mounting location.



12. Install the K&N lower air filter housing assembly into the vehicle.



12A. K&N has found that due to vehicle manufacturer inconsistencies between models LARIAT, KING RANCH & Platinum, the K&N air filter housing fresh air duct may not fit sufficiently to allow the push pins to be inserted and lock into position. The extended taps contact the core support cover and hold the fresh air duct up causing a gap. (see photo)



12B. In these cases, it will be necessary to trim the mounting tabs as shown using a hack saw or similar tool.



12C. Once the tabs are trimmed flush with the fresh air duct the air filter housing can be installed back into position, pushed down and the locking pins installed as intended.



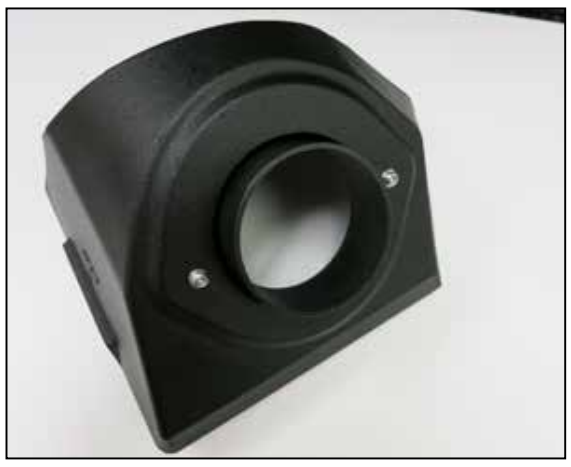
13. Secure the housing to the rubber mounted stud from step #11 with the provided hardware.



14. Secure the fresh air intake duct with the provided push pins.



15. Snap the K&N badge into the upper air filter housing.



16. Install the filter adapter into the upper housing using the provided hardware.



17. Install the K&N air filter onto the adapter and secure with the provided hose clamp.



18. Install the upper housing assembly onto the lower housing so the mounting posts insert into the grommets.



19. Install the provided CCV quick connect fitting into the K&N intake tube.



20. Install the couplers onto the K&N intake tube and secure with the provided hose clamps.





21. Install the K&N intake tube into the onto the throttle body and filter adapter, adjust for best fit and then secure with the provided hose clamps.



22. Connect the factory CCV hose to the quick connect fitting installed into the K&N intake tube.



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

24. 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 50,000 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, purchase our Synthetic Filter Cleaner, part number 99-0624 and follow the easy instructions.

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