



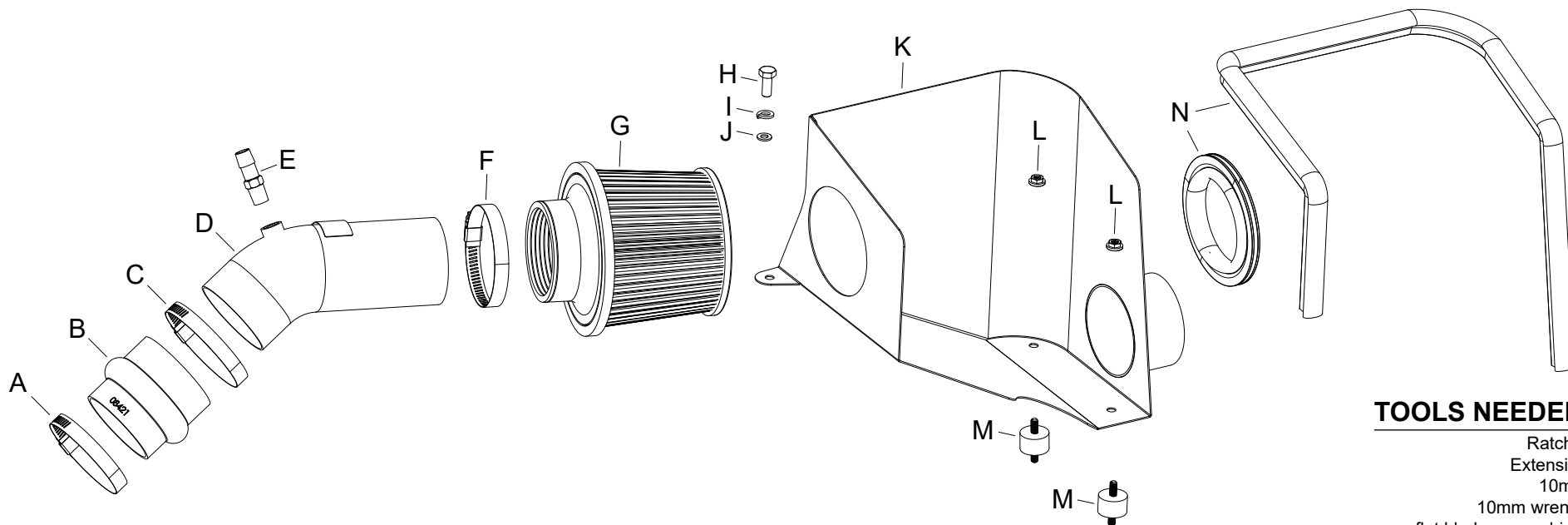
INSTALLATION INSTRUCTIONS

21-851C (Gun Metal Gray Finish)

KIA

2017-18 Forte

L4-2.0L



TOOLS NEEDED:

Ratchet
Extension
10mm
10mm wrench
flat blade screw driver
pliers
9/16" wrench

PARTS LIST:

Description	Qty.	Part #	Description	Qty.	Part #	Description	Qty.	Part #
A HOSE CLAMP; #44 STAINLESS	1	08560	F HOSE CLAMP; #48	1	9452	K HEAT SHIELD	1	20-8636
B HOSE; HUMP 3" TO 2.75" X 3"L	1	08421	G AIR FILTER; 3" X 5" DRYFLOW	1	21-203DK	L NUT; SERRATED M6	2	KIT20WFCZ060
C HOSE CLAMP; #48	1	08601	H BOLT; M6-1.00 X 16MM, SS	1	07812	M STUD; M6-1.00 M/M, RUBBER	2	07027
D INTAKE TUBE	1	2-1623	I WASHER; M6 SPLIT LOCK	1	1-3025	N EDGE TRIM; 3/4" BULB, 46"L	1	102487
E VENT; STRT, 1/2" HOSE, NPT	1	080022	J WASHER; 6MM FLAT, SS	1	08269			

Read and understand these instructions BEFORE attempting to install this product. 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.

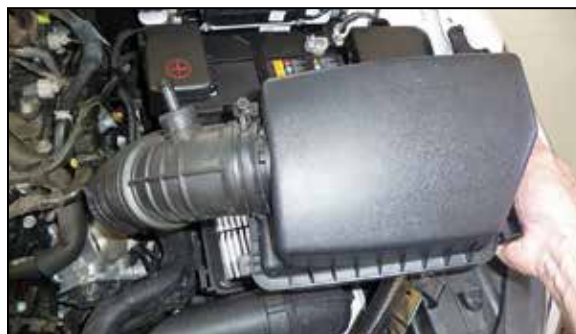
NOTE: Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after the battery is reconnected. The anti-theft code is typically supplied 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 the decorative engine cover up and remove it from the vehicle



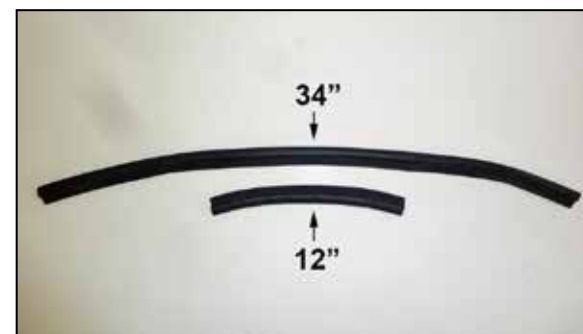
3. Disconnect the crank case vent hose from the factory intake tube.



4. Loosen the hose clamp that secures the intake tube to the throttle body, release the two clips that secure the upper air filter housing and then remove the upper air filter housing and intake tube assembly.



5. Remove the three bolts that secure the lower air filter housing to the inner fender and then remove the lower air filter housing from the vehicle. **NOTE: AEM recommends that customers do not discard factory air intake.**



6. Cut the provided edge trim as shown, one section will be 12" long and the other section will be 34" long.



7. Install the 12" edge trim into the hole of the heat shield and the 34" section around the outside of the heat shield as shown.



8. Install the two-provided rubber mounted studs onto the frame as shown.



9. Install the heat shield into the vehicle so the studs protrude through holes in the heat shield, secure the heat shield with the provided hardware.



10. Install the provided coupler (08421) onto the throttle body and secure with the provided hose clamp.



11. Install the provided vent fitting into the 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.



12. Install the AEM® tube through the heat shield and then into the coupler at the throttle body. Do not secure at this time.



13. Install the air filter onto the intake tube, adjust the tube and filter for best fit and then secure with the provided hose clamps.



14. Connect the factory crank case vent hose to the fitting installed into the intake tube and secure with the factory clamp.



Reassemble Vehicle

Position the inlet pipes for the best fitment. Be sure that the pipes or any other components do not contact any part of the vehicle. Tighten the rubber mount, all bolts, and hose clamps. Check for proper hood clearance. Re-adjust pipes if necessary and re-tighten them. Inspect the engine bay for any loose tools and check that all fasteners that were moved or removed are properly tightened. Reconnect negative battery terminal and start engine. Let the vehicle idle for 3 minutes. Perform a final inspection before driving the vehicle.

Service and Maintenance

AEM Induction Systems 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, purchase our Synthetic air filter cleaner, part number 99-0624 and follow the easy instructions. Use window cleaner to clean your powder coated AEM® intake tube.

NOTE: DO NOT USE aluminum polish on powder coated AEM® intake tubes.