



Equipped with AEM® Dryflow™ Filter
No Oil Required!

INSTALLATION INSTRUCTIONS

PART NUMBER:

21-738C (Gun Metal Grey Finish)

2014

Kia

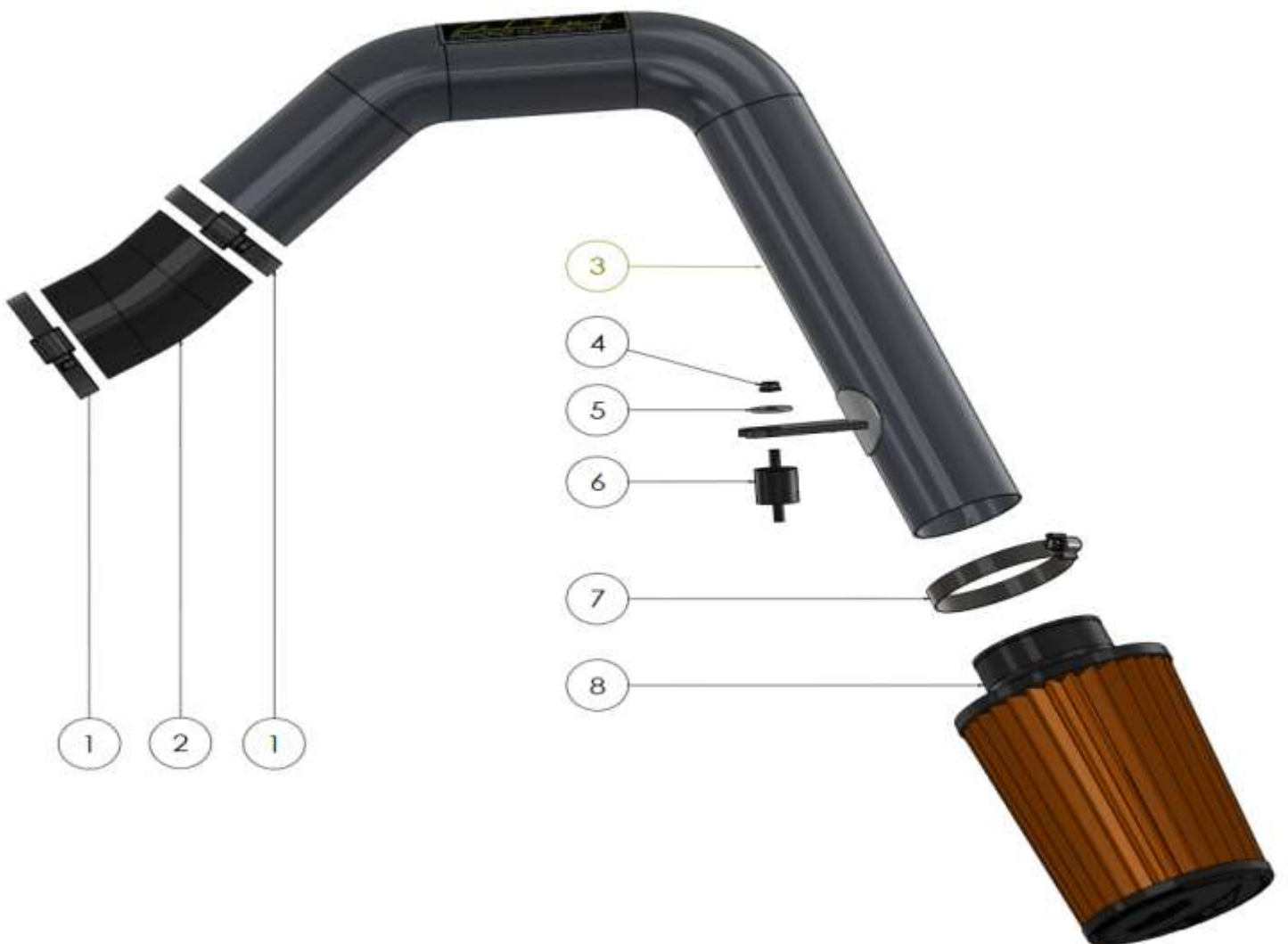
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C.A.R.B. E.O.# D-670-22

Intake systems for vehicles listed are 50 state legal. See AEMIntakes.com for CARB status on each part for a specific vehicle.

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	9444	HOSE CLAMP, 2.31-3.25"	2
2	5-277	HOSE, ADAPTER 2.75 X 15 DEGREE	1
3	2-1475C	INTAKE TUBE; KIA SOUL 2.0L	1
4	444.460.04	NUT; M6 HEX SERRATED	1
5	08160	WASHER; 1"D X 1/4 HOLE FENDER	1
6	1228599	MOUNT, RUBBER 1" X 6MM	1
7	9448	1/2" BNDHOSE CLAMP,2.56"-3.50"	1
8	21-2027DK	AIR FILTER; 2.75" X 7" DRYFLOW	1



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.

- Tools Needed:**
- Pliers
 - 10MM Socket
 - 21MM Socket
 - Socket Driver
 - Screwdriver
 - Jack & Jack Stand

1. Preparing Vehicle

- a. Make sure vehicle is parked on level surface.
- b. Set the parking brake.
- c. If engine has run in the past two hours, let it cool down.
- d. Do not discard stock components after removal of the factory system.
- e. Open the air intake kit package and make sure all parts are included.

2. Removal of stock system



a. Remove the engine cover by pulling it up and out of the vehicle. Remove the two plastic clips (circled) and remove the stock scoop.



b. Loosen the hose clamp at the throttle body, then release the pressure on the spring clamp and disconnect the valve cover breather hose from the stock intake tube.



c. Remove the two bolts that secure the stock air box to the vehicle.



d. Remove the stock air intake system from the vehicle. **Note:** Do not discard any of your stock intake components.



e. Raise the drivers side wheel and secure the vehicle with proper safety equipment. Remove the drivers side front wheel.



f. Remove the four plastic clips securing the inner wheel well liner. Two of the plastic clips are on the bottom of the liner.



g. This picture is a reference to show you the location of the bolts and clips that you will be removing in steps 2h & 2i.



h. Remove the three bolts that secure the resonator to the vehicle. *See step g for location of the bolts.



i. Squeeze the clips together while pulling away from the clip retainer. Remove the resonator from the vehicle.

3. Installation of AEM® intake system.

- a. When installing the intake system, do not completely tighten the hose clamps or mounting hardware until instructed to do so.



a. Install the supplied hose (5-277) and hose clamps (9444) onto the throttle body. The hose is angled, so make sure that the hose is angled up.



b. Install the rubber mount (1228599) onto the vehicle in the location shown.



c. Install the AEM intake tube into the inner fender aligning the bracket with the rubber mount and install the washer (08160) and nut (444.460.04).



d. Install the AEM intake tube into the hose at the throttle body.



e. Install the AEM filter (21-2027DK) and hose clamp (9448) onto the AEM intake tube through the wheel well and tighten the hose clamp at this time.



f. After the filter is installed, make sure tube alignment and filter clearance are good before tightening the two hose clamps at the throttle body. Then, tighten the nut securing the bracket to the rubber mount.



g. Connect the engine breather hose onto the AEM intake tube and secure with the pressure clamp that was removed in step 2b.



h. Re-install the four plastic clips securing the inner wheel well liner that were removed in step 2f.



i. Re-install the drivers side wheel and torque lug nuts to manufacture specifications.



j. Re-install the engine cover and the two plastic clips holding the stock scoop in place.



STOCK INTAKE INSTALLED



AEM INTAKE INSTALLED

4. Reassemble Vehicle

- a. 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.
- b. Check for proper hood clearance. Re-adjust pipes if necessary and re-tighten them.
- c. Inspect the engine bay for any loose tools and check that all fasteners that were moved or removed are properly tightened.
- d. Reconnect negative battery terminal and start engine. Let the vehicle idle for 3 minutes. Perform a final inspection before driving the vehicle.

5. CARB Sticker Placement

- a. 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.

6. Service and Maintenance

- a. 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.
- b. Use window cleaner to clean your powder coated AEM[®] intake tube.

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

For technical inquiries
e-mail us at
sales@aemintakes.com
or
call us at
800.992.3000

AEM Air Intake System Warranty Policy

AEM® warrants that its intake systems will last for the life of your vehicle. AEM® will not honor this warranty due to mechanical damage (i.e. improper installation or fitment), damage from misuse, accidents or flying debris. AEM® will not warrant its powder coating if the finish has been cleaned with a hydrocarbon-based solvent. The powder coating should only be cleaned with a mild soap and water solution. Proof of purchase of both the vehicle and AEM® intake system is required for redemption of a warranty claim.

This warranty is limited to the repair or replacement of the AEM® part. In no event shall this warranty exceed the original purchase price of the AEM® part nor shall AEM® be responsible for special, incidental or consequential damages or cost incurred due to the failure of this product. Warranty claims to AEM® must be transportation prepaid and accompanied with dated proof of purchase. This warranty applies only to the original purchaser of product and is nontransferable. Improper use or installation, use for racing, accident, abuse, unauthorized repairs or alterations voids this warranty. AEM® disclaims any liability for consequential damages due to breach of any written or implied warranty on all products manufactured by AEM®. Warranty returns will only be accepted by AEM® when accompanied by a valid Return Merchandise Authorization (RMA) number. Credit for defective products will be issued pending inspection. Product must be received by AEM® within 30 days of the date RMA is issued.

If you have a warranty issue, please call (800) 992-3000 and our customer service department will assist you. A proof of purchase is required for all AEM® warranty claims.

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