



Equipped with AEM® Dryflow™ Filter
No Oil Required!

INSTALLATION INSTRUCTIONS
PART NUMBER
21-800C (GUN METAL GRAY FINISH)

2016

HONDA

HRV

1.8L

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	21-2127DK	AIR FILTER; 2-3/4" X 5" OVAL DRYFLOW	1
2	2-1584C	TUBE; 2.50" X 11" AL, HONDA HRV 1.8L	1
3	084018	HOSE; 2-1/2" ID X 2-1/2" L HUMP REINFORCED	1
4	5-5011	HOSE; 1/2" ID X 11" L	1
5	070228	STUD; RUBBER MNT, M/F, 1/2" L X 1" W, M6 X 1.00	1
6	22224	BOLT; M6X1.00X12 HEX; FLG, GRADE 10.9, GEO	1
7	08160	WASHER; 1" D X 1/4 HOLE FENDER	1
8	9440	HOSE CLAMP, 2.15-3.00"	2
9	9444	HOSE CLAMP, 2.31-3.25"	1
10	8-126-2	NEOPRENE, 1/16" X 4" X 2" ADHES	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:	Optional:
Screwdriver	Small Torque Wrench
10mm Socket	
5.5mm Socket	
Ratchet	
Pliers	

1. Preparing Vehicle

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

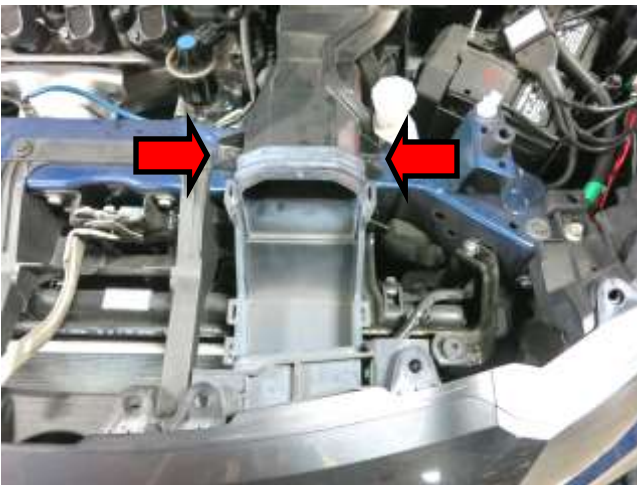
2. Removal of stock system



a. Use a small flat-head screw driver to remove the 9 push-clips that hold the plastic radiator shroud in place.



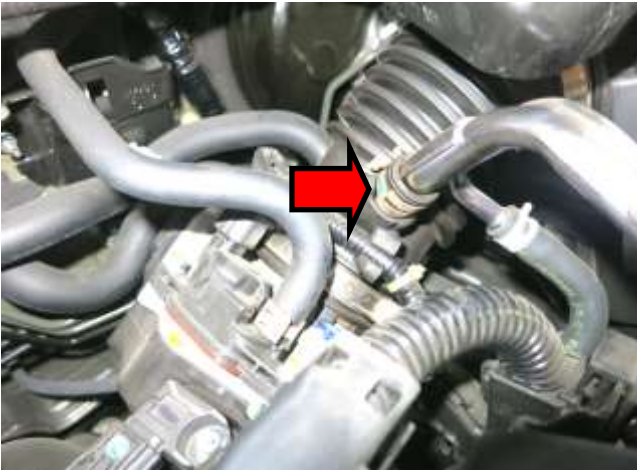
b. Remove the radiator shroud.



c. Remove the 2 push clips shown and then pull the intake snorkel cover off of the main intake tract.



d. Disconnect the MAF (Mass Air Flow) sensor harness and unclip it from the air box.



e. Use pliers to loosen the spring-clamp and pull the vacuum hard line out from the throttle body hose. Then, loosen the throttle body hose clamp with a 5.5mm socket and ratchet. Then, unclip harness from rubber hose.



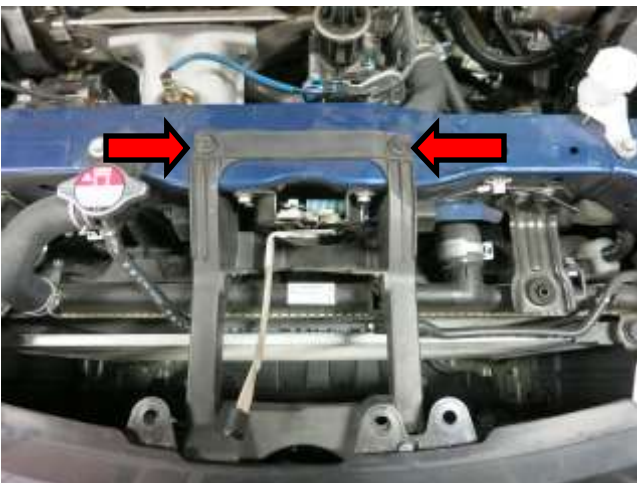
f. Unfasten the 3 spring clips holding the upper air box. Pull the entire upper air box and throttle body hose assembly off.



g. Use a 10mm socket and ratchet to remove the 2 bolts holding the lower air box assembly in place. You will not reuse this hardware.



h. Pull the lower air box and intake scoop assembly from the vehicle. Do not discard any stock equipment.



i. Use a 10mm socket and ratchet to remove the 2 bolts holding the plastic bracket surrounding the hood release latch.



j. Use a Phillips head screw driver to remove the 2 screws holding the MAF sensor. Screws will be reused in step 3a. Then, carefully remove the MAF sensor from the air box.

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 MAF sensor you removed in step 2j onto the AEM intake tube as shown using the same hardware.



b. Rotate and move the plastic bracket you unfastened in step 2i, so that you can place the air filter in between the radiator and grill as shown.



c. Place the AEM throttle body coupler with the 2 hose clamps onto the throttle body. Tighten the hose clamp closer to the throttle body to 30 in-lbs. Leave the other hose clamp loose. You will fully tighten this in step 3m.



d. Use a 10mm socket and ratchet to remove the bolt holding the coolant overflow tank neck to the upper core support. Replace the bolt with the supplied rubber mount as shown.



e. Apply the supplied neoprene adhesive strip to the underside of the AEM intake tube as shown. See exploded view for clarification.



f. Place the intake tube into the vehicle as shown. Insert the air filter side of the tube down into the core support area first. Then slip the other end of the tube into the throttle body coupler.



g. Reinstall the plastic bracket you moved in step 3b.



h. Loosely thread the supplied M6 bolt and fender washer through the intake tube bracket and into the rubber mount. You will fully tighten this in step 3m.



i. Mount the air filter onto the intake tube. Orient the filter so that it does not rest on any of the surrounding components. Tighten the hose clamp to 30 in-lbs.



j. Install the supplied 1/2" rubber hose onto the vacuum hard line you pulled off in step 2e. Then, insert the other end onto the nipple on the intake tube.



l. Reconnect the MAF sensor harness.



m. Reinstall the plastic radiator shroud you removed in step 2a/b, adjust intake tube for best fitment, then tighten the hose clamp at throttle body coupler and the bolt at intake tube bracket.



STOCK INTAKE INSTALLED



AEM INTAKE INSTALLED

4. Reassemble Vehicle

- a. Position all kit components for best fitment. Ensure that no components contact any unintended part of the vehicle.
- b. Check for proper hood clearance. Re-adjust components if necessary and re-tighten them.
- c. Inspect the engine bay for any loose tools and ensure 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. 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 1-1000 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.