



Equipped with AEM® Dryflow™ Filter  
No Oil Required!

# **INSTALLATION INSTRUCTIONS**

## **PART NUMBER:**

### **21-730C (Gun Metal Grey Finish)**

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2013-16

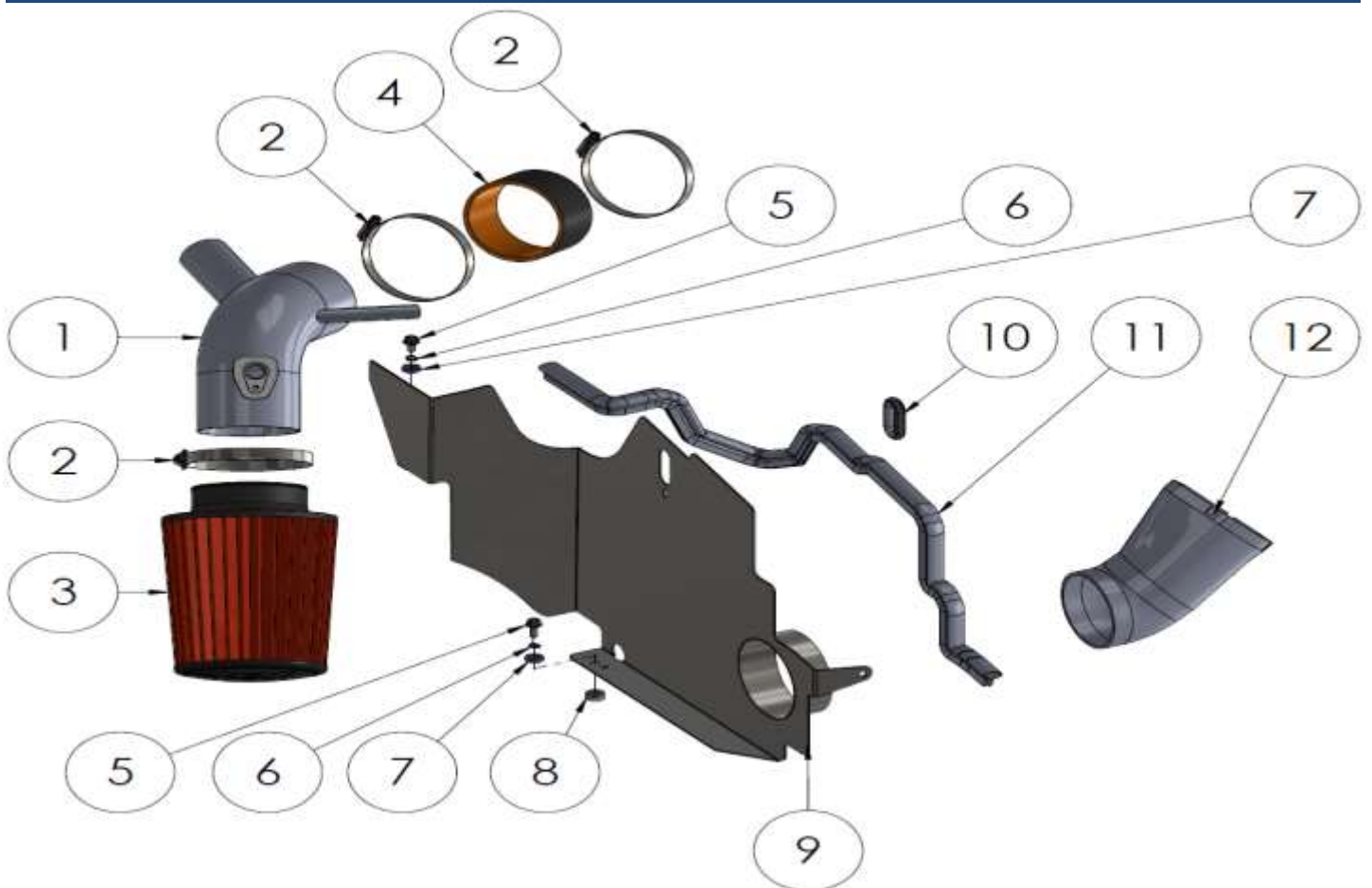
Hyundai

Genesis Coupe

3.8L V6

C.A.R.B. E.O. D-670-24

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	2-1420C	TUBE; HYUNDAI GENESIS COUPE 3.8	1
2	9456	1/2" BNDHOSE CLAMP,3.15"-4.00"	3
3	21-2147DK	AIR FILTER; 3.5" X 7" DRYFLOW	1
4	5-351	HOSE, SILICONE 3.50X2" BLACK	1
5	22224	BOLT; M6X1.00X12 HEX; GEO	2
6	1-3025	WASHER, M6 SPLIT LOCK ZINC	2
7	08275	WASHER; 1/4"ID X 5/8"OD - SAE	2
8	06555	SPACER: .625" OD X .250"ID .250"L	1
9	20-8506	HEAT SHIELD; 21-730, MILD STL,	1
10	784640	GROMMET,1"	1
11	102496	EDGE TRIM; 3/4" BULB, TOP LOC	1
12	9-0437	ADAPTER; SCOOP, HYUNDAI GEN	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. 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.

## 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. Disconnect negative battery terminal.
- e. Do not discard stock components after removal of the factory system.
- f. Open the air intake kit package and make sure all parts are included.

## 2. Removal of stock system



a. Pull up on the engine cover and remove it.



b. Remove the 4 plastic screws that hold down the air scoop. Note: These will be reinstalled in step 3p.



c. Unplug the intake temperature sensor by depressing the clip and pulling away from sensor.



d. Unclip the wiring harness clip from the stock air box.



e. Loosen the hose clamps at the sound tube, the throttle body, and unclip the spring clamp on the vent line.



f. Remove the two bolts shown that secure the stock air box to the vehicle. Then remove the air box. **NOTE:** Do not discard any of your stock intake equipment.



g. Remove the ground strap bolt located underneath the air box. This bolt will not be reused.



h. Remove the bolt on the front fan shroud. **Note:** These will be reused in step 3d.



i. Remove the seal off of the stock air box. **Note:** This will be reused in step 3n.



j. Loosen the bolt that secures the temperature sensor to the air box. **Note:** These will be reused in step 3a.



### 3. Installation of AEM® intake system.

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



a. Install the temperature sensor into the AEM intake tube and secure with the bolt removed in step 2j.



b. Install the provided spacer (06555) onto the vehicle



c. Install the heat shield into the vehicle on top of the spacer previously installed in step 3b. Pull the ground strap through the heat shield. Install the bolt (22224) through the two washers (1-3025 & 08275), the heat shield, and the spacer and tighten to the vehicle.



d. Align the heat shield flange with the fan shroud and install the bolt that was removed in step 2h.



e. Align the heat shield with the mounting location shown and install the bolt (22224), and two washers (1-3025 & 08275) to the vehicle.



f. Install the edge trim (102496) onto the heat shield at this time.



g. Slide the temp. sensor connector through the grommet (784640) and heat shield, then squeeze the grommet and install into the heat shield as shown.



h. Install the coupler (5-351) and hose clamps (9456) onto the throttle body. Tighten the hose clamp on the throttle body side at this time.



i. Install hose clamp (9456) and AEM filter onto the intake tube. Tighten clamp.



j. Install the AEM intake tube into the coupler and tighten the other hose clamp.





k. Slide the sound tube onto the AEM intake and secure with the stock clamp.



l. Slide the vent tube onto the AEM intake and secure with the stock spring clamp.



m. Connect the temperature sensor connector to the sensor.



n. Install the seal onto the adapter scoop (9-0437) that was removed in step 2i.



o. Place the adapter scoop into the stock scoop.



p. Install the scoop into the vehicle aligning the scoop adapter into the hole in the heat shield. Reinstall the engine cover.



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. 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](mailto: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.