



Equipped with AEM® Dryflow™ Filter  
No Oil Required!

# **INSTALLATION INSTRUCTIONS**

## **PART NUMBER**

### **21-734C (Gun Metal Gray Finish)**

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2012-16

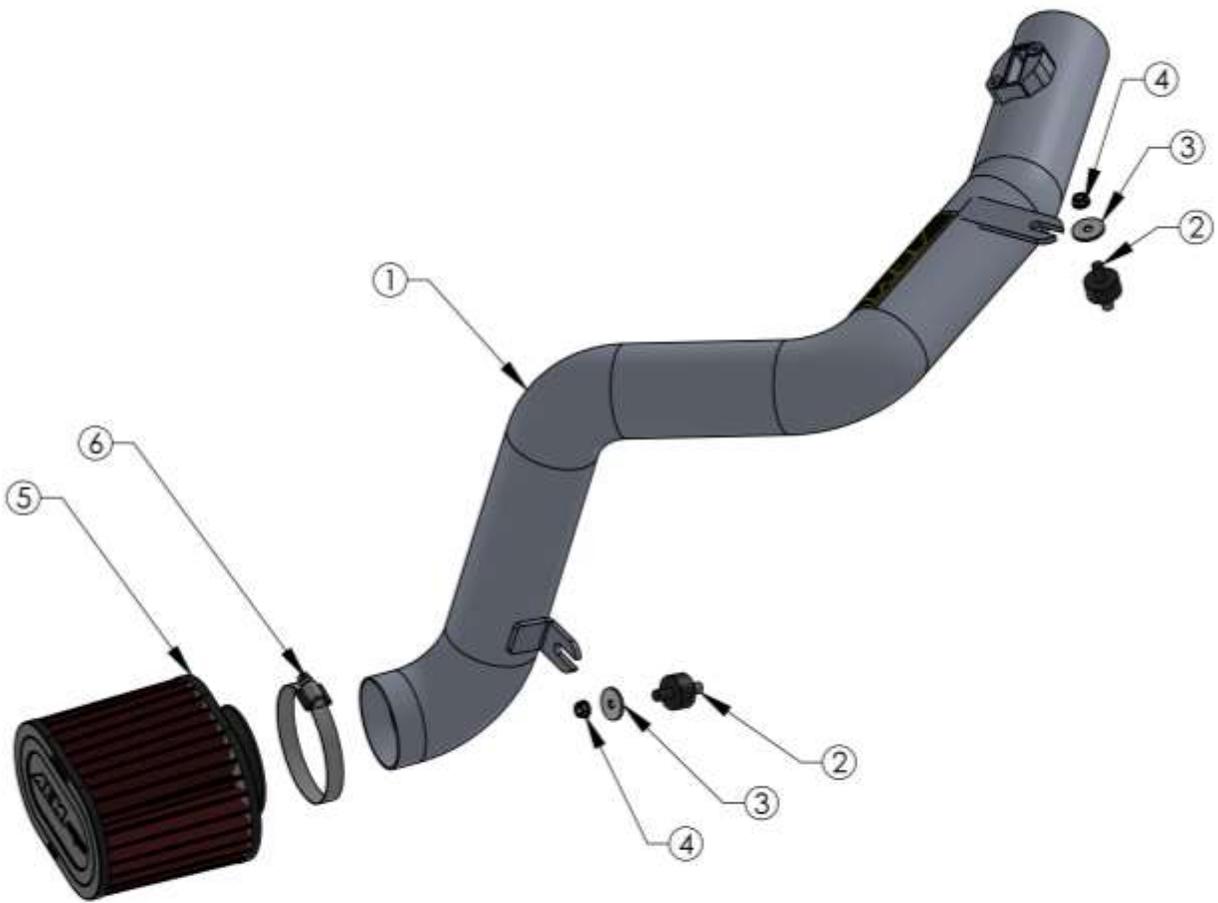
Nissan Juke

1.6L Turbo

C.A.R.B E.O. # D-670-23

**Intake systems for vehicles listed are 50 state legal. See [AEMIntakes.com](http://AEMIntakes.com) for CARB status on each part for a specific vehicle.**

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	343015C	INTAKE TUBE, 2010 NISSAN JUKE 1.6T	1
2	1228598	MOUNT, RUBBER 1" X 8MM	2
3	08334	WASHER; 1"D X 1/4 HOLE FENDER	2
4	444.460.04	NUT; M6 HEX SERRATED	2
5	21-2127DK	AIR FILTER; 2-3/4" X 5" OVAL DRYFLOW	1
6	9448	1/2" BNDHOSE CLAMP, 2.56"-3.50"	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.

## 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.

### Tools Needed:

- Phillips screw driver
- Flat blade screw driver
- 10MM socket
- Socket driver
- Wheel lug tool

## 2. Removal of stock system



a. Unplug the MAF sensor connector and disconnect the two clips holding the wiring harness to the air box.



b. Lift up on the air box tab and pull out the locating pin on the stock air intake tube.



c. Loosen the hose clamp, remove the M6 bolt, and disconnect the two latches securing the air box lid to the base.



d. Remove the upper half of the air box with the filter still intact band lift both out of the engine compartment.



e. Disconnect the stock intake tube from the air box.



f. Remove the stock air box from the vehicle. **Note:** Remove the rubber bushings under the air box and keep with air box as they will not be utilized.



g. Disengage the resonator's plastic locating tab above the drivers side head light.



h. Raise vehicle to remove left front wheel. Remove the four locating tabs and the two M6 bolts that hold the wheel well liner in place. Position the liner out of way.



i. Remove the two M6 bolts in the fender well brace that holds resonator and harness bracket in place.



j. Remove the two M4 Screws and pull out the MAF sensor. **Note:** Handle with care. The sensor and screws will be reused in step 3a.

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

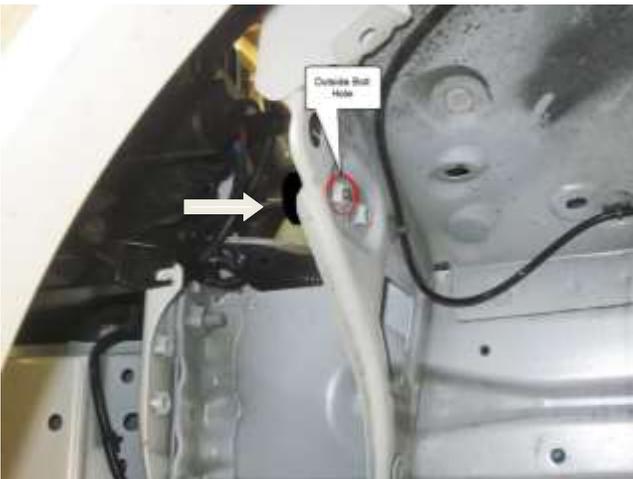
- a. When installing the intake system, do not completely tighten the hose clamps or mounting hardware until instructed to do so.



- a. Install the MAF sensor onto the intake tube and secure with the two M4 screws that were removed in step 2j.



- b. Install one of the provided rubber mounted stud in the bracket where you removed the M6 bolt in step "C" and tighten.



- c. Install the second rubber mounted stud into the "outside" bolt hole in the fender well brace, make sure to capture the harness bracket, and tighten.



- d. Install the AEM intake tube by inserting it into the opening next to the battery and into the lower fender well first, and then gently maneuver it into position.



e. Position the AEM tube inside the stock intake hose and align the bracket with the rubber bushing. Tighten the hose clamp and the provided M6 nut/washer.



f. Align the lower portion of the AEM intake tube bracket on top of the rubber bushing and tighten the provided M6 nut/washer.



g. Install the AEM air filter onto the intake tube and tighten the provided hose clamp. On some trim models, the air filter may need to be rotated to fit properly.



h. Install the MAF sensor connector onto the MAF sensor that was removed in 1a and reinstall fender well liner and wheel in reversed order outlined in step 2h.



i. Factory air induction system.



j. Finished installation of AEM Intake System.

#### 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 1-1000 and follow the easy instructions.
- b. Use window cleaner to clean your powder coated AEM<sup>®</sup> intake tube.

**NOTE: DO NOT USE aluminum polish on powder coated AEM<sup>®</sup> 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.

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