



# Installation Instructions

## AAM Competition 370z S-LINE/R-LINE Intakes

### 2009+ Nissan 370z

**IF PRINTING, PLEASE DO SO IN COLOR TO BETTER SEE ILLUSTRATIONS WHICH HAVE COLOR CODED ARROWS**

WARNING FOR INSTALLER OF THIS PRODUCT

\*\*\* Product(s) are designed for off-road / competition use only \*\*\*

This AAM Competition, LLC product requires above average mechanical ability to install properly. This product ideally requires the use of a car lift so that clear access can be obtained to the underside of the vehicle. Installation requires the appropriate tools for tightening and loosening nuts and bolts involved for the installation of this kit. As with all mechanical projects, take appropriate precautions for your personal safety and for the proper care and treatment of the vehicle being serviced. Be sure and read through all directions before attempting.

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## **Table of Contents:**

- 1. Components in kit**
- 2. Tools required**
- 3. Removal of OE parts**
- 4. Fitment of new parts**

### **1. Components**

- 2x Upper intake pipes
- 2x Lower intake pipes
- 2x Straight silicone couplers
- 2x 45 degree silicone couplers
- 2x K&N pre-oiled air filters
- 2x S-Line Tuning Insert (pre inserted into the upper intake pipes)
- 2x Allen bolts
- 2x Washers
- 10x Worm Clamps

### **2. Tools Required**

- a. Socket set (7mm to 14mm)
- b. Various socket extensions
- c. Cutting tool (air dremel, air saw, or similar)
- d. Phillips screw driver
- e. Flathead screw driver
- f. Pliers

### 3. Removal of OE part(s)

- 1) Remove lower engine cover by removing the 2 10mm bolts. [OPTIONAL but not required] remove front strut tower bar for a better work area



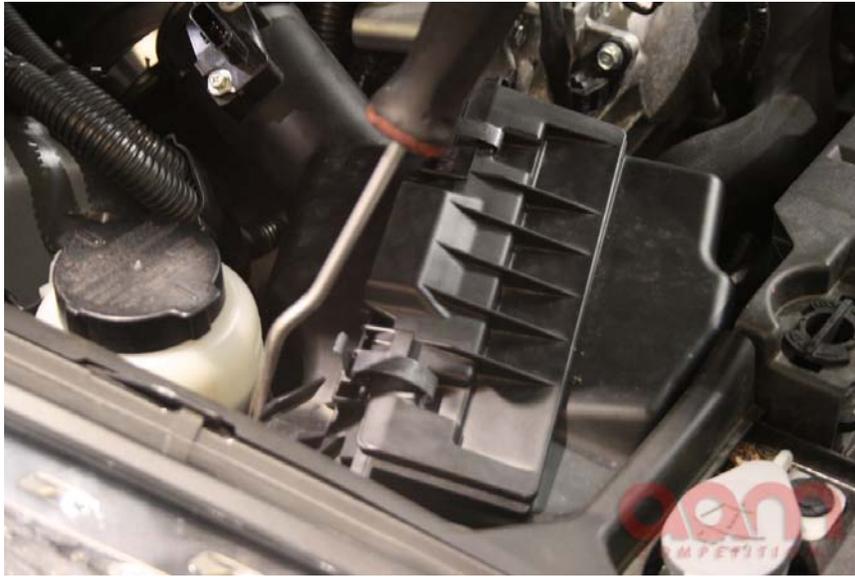
- 2) Unplug MAF sensor and wiring clip attached to the airbox



3) Loosen worm clamps at throttle bottle and air box, remove intake boot



5) Remove 10mm bolt securing airbox



6) Remove PCV breather secured by a 10mm bolt, loosen clamp and completely remove PCV breather



7) Repeat on Passenger side

8) Remove cooling panel clips and bumper clips



9) [OPTIONAL] use blue tape to protect the fender



10) [OPTIONAL] Remove the front wheels for more working area



11) Remove fender liner to ease access to the bumper 10mm screw



12) Remove 10mm screw securing bumper



13) Pull back bumper ends, release tabs



14) Remove 10mm bolts securing the bottom of bumper



15) Bumper is now ready to be pulled off



16) Remove intake duct by releasing wiring clips and 10mm





17) Using an air saw, router, grinder, dremel or any cutting tool. Open up intake air duct to fit new intake  
Before:



After:



The removed piece:



- 18) Remove OEM MAF sensor from factory airbox and install in the new upper intake pipe. Be careful not to over torque the bolts, as they do break very easily

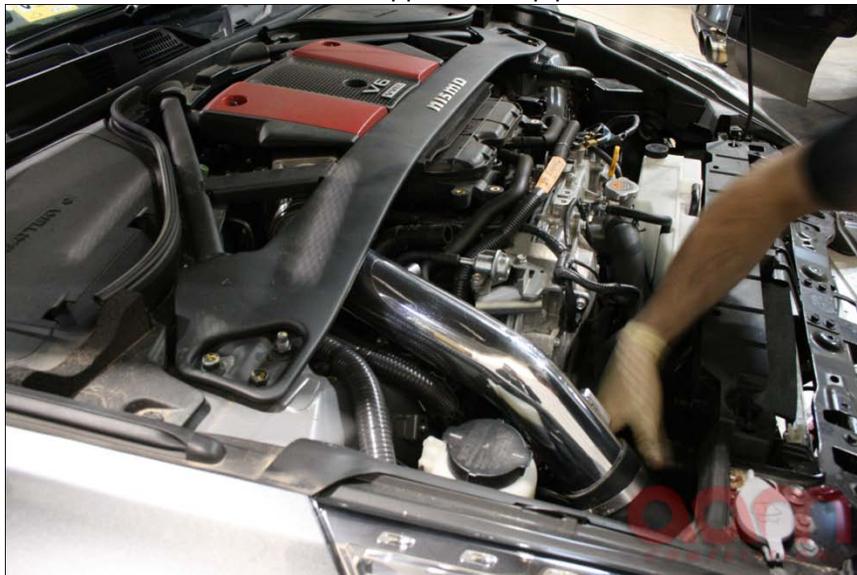


#### 4. Fitment of new part(s)

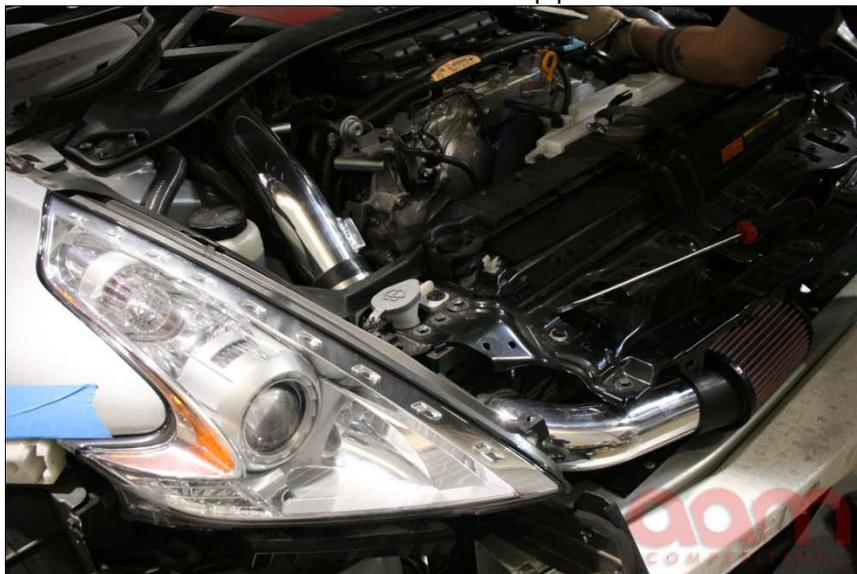
1. Your intakes will come with the S-LINE Tuning MAF Insert installed, if you plan to have your car tuned, remove the insert for maximum inner diameter and flow. If you do not plan to tune the car, leave the insert installed



2. Mock fit upper intake pipes



3. Mock fit lower intake pipes



4. Replace existing radiator support bolt with supplied shorter allen bolt in order to clear lower intake pipe



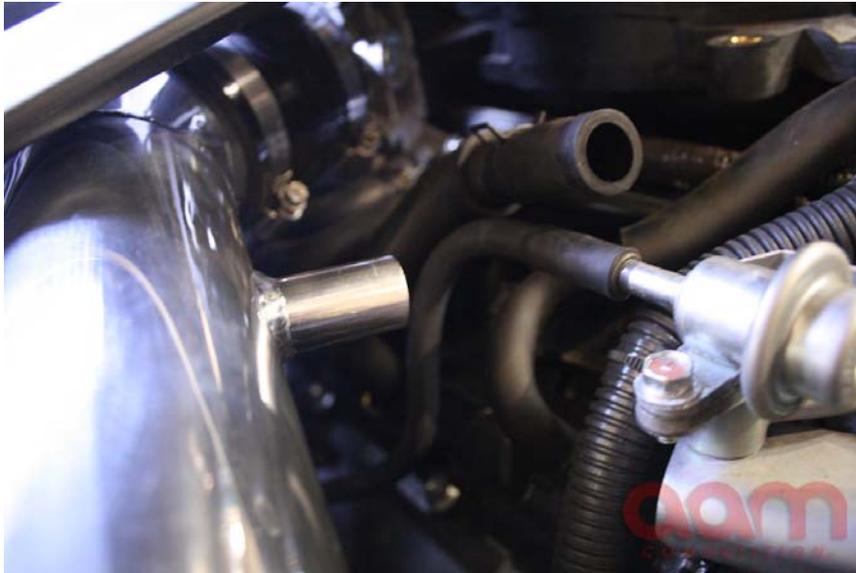
5. Begin to tighten all worm clamps after fitment is perfect



6. On the driver side, the PCV hose will clamp right onto the new intake



7. On the passenger side, the PCV hose will need to be flipped



8. Plug in MAF sensor harness, and reinstall bumper



9. Enjoy your new AAM Competition S-LINE/R-Line Cold Air Intakes!



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