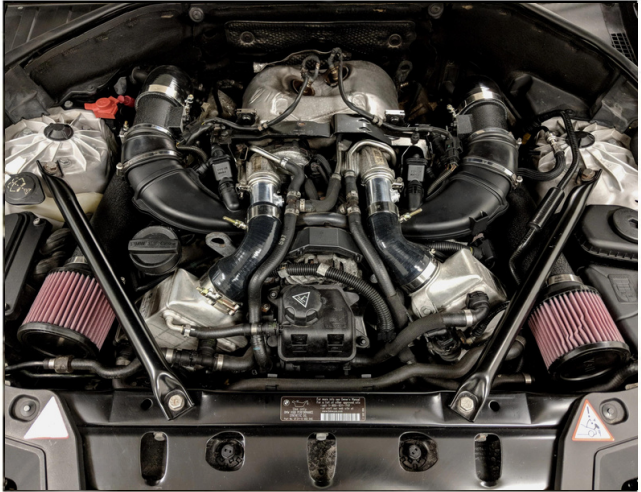


ARM
Motorsports.com
**N63/TU Cold Air Intake
Installation Guide**



SUMMARY

Installing the ARM Motorsports Cold Air Intake on your N63/TU vehicle will improve airflow by reducing restrictions in the OEM intake system. It utilizes dual performance cone filters, aluminum piping, and CNC machined adapter to connect to the OEM inlets.

DIFFICULTY LEVEL:
2

A progress bar with five segments, the first two of which are green, indicating a difficulty level of 2.

EASY: Can be installed within 30-60 minutes without needing to raise the vehicle.

N63 COLD AIR INTAKE KIT CONTENTS



2 - Silicon Couplers



2 - Runner Pipes



2 - CNC Inlet Adapters



2 - Large Clamps
2 - Medium Clamps



2 - ARM Dry Filters

REQUIRED TOOLS FOR INSTALLATION

- 6mm Socket
- 8mm Socket
- 15mm Socket
- 5/8" Socket

- Flathead Screwdriver
- T-25 Torx Bit

REMOVE FACTORY INTAKE SYSTEM

STEP 1

Begin by removing the engine cover. It has 5 mounting points, one on the front of the engine, two in the middle, and two at the rear of the engine. Start with the one at the front of the engine and work your way to the middle pulling on the sides of the engine cover. Lastly pull up on the rear of the engine cover to remove it completely.



STEP 2

Remove the factory MAF sensors off of the inside of the OEM airboxes by pressing on the tabs shown in the picture.



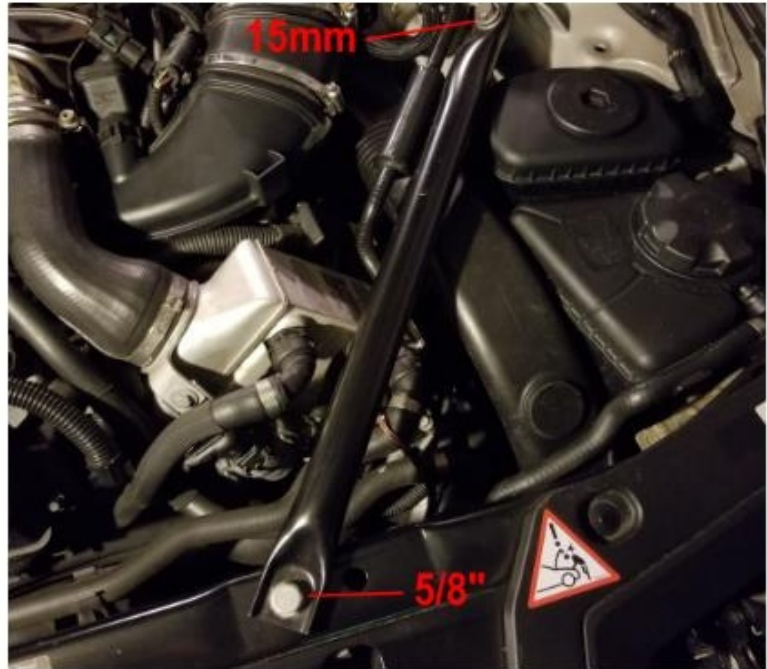
STEP 3

Loosen both clamps for the airbox to inlet coupler on each side of the engine by using a 6mm socket. With the coupler loose, slide it towards the front of the car, away from and off of the airbox.



STEP 4

Uninstall the cross braces by removing the two bolts that hold it in place. The top bolt is a 15mm and the bolt towards the front we found a 5/8" socket fit best. With this uninstalled you will have access to the factory runner pipe.



STEP 5

The factory runner pipe is attached to the lower portion of the airbox and up front towards the bumper with tab connections. Use a flathead screwdriver to lift and allow the tab to slide out. The tab towards the airbox is on the fender side of the runner pipe, and the one up front is on top of the runner pipe.



STEP 6

Remove the wiring for the O2 sensors from their clips by pulling upwards.



STEP 7

Open the gate for the grommet by unclipping the latch.



STEP 8

The airbox can now be removed by pulling upwards on the fender side of the airbox. Take care to make sure airbox is not hooked on anything, the O2 sensor cables, coupler, runner pipe, etc.



STEP 9

Remove the factory runner pipe by beginning to push it towards the rear of the car.



STEP 9 - B

Utilize the built-in accordion section of the runner pipe to pull the rear section forward while pushing the front section rearward to give the runner pipe enough clearance to be fully removed.



STEP 10

Insert the new air filter on the end of both long runner pipes.



STEP 11

Place the clamp included with the air filter on the air filter and insert the new runner pipe. Do not tighten yet.



STEP 12

Transfer the MAF Sensor from the airbox to the ARM CNC Coupler by removing the two T-25 Torx screws.



STEP 13

NOTE: Pay careful attention to the air inlet on the MAF sensor, this sensor must be facing the REAR of the vehicle to function properly. Failing to do so will result in engine codes and rough operation.



STEP 14

Insert the MAF sensor into the ARM CNC adapter noting the position of the MAF inlet as mentioned above. Secure with the two included screws.



STEP 15

Insert the CNC adapter into the inlet coupler with the MAF sensor facing inwards.



STEP 16

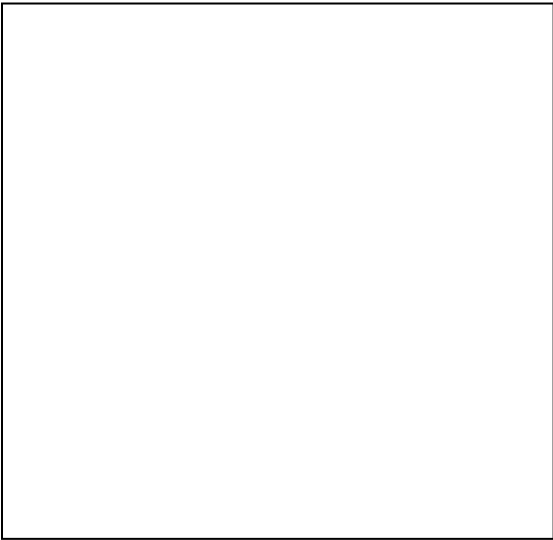
Install the U coupler onto the CNC adapter up top and the runner pipe below. Check to make sure all silicone connection points are adequately overlapping their associated piping and in the correct position before tightening down all clamps. In total there are 5 clamps to tighten per intake.



STEP 17

Reconnect MAF Sensor. And reinsert O2 sensor wiring into remaining clips.





STEP 18

Reinstall the cross brace with the factory bolts.



STEP 19

Repeat for passenger side. The process is exactly the same for both sides.



ENJOY Your New ARM Motorsports Dual Cone Cold Air Intake!



If you have any questions about the installation process please contact us at getarmed@armmotorsports.com

GET ARMED.