

**BMW F3X P34 Intake System****034 MOTORSPORT**

034Motorsport's P34 Cold Air Intake System delivers improved power, sound, and acceleration to F3X BMW owners in a clean OEM+ package. Through extensive evaluation of the factory airbox design, 034Motorsport's engineers were able to create a performance replacement that allows for increased airflow to the turbocharger and engine. The P34 Air Intake System offers measurable performance improvements, simple bolt-on installation, and unsurpassed fit and finish.

**Installation Spiciness Rating: MILD**

Installation of your 034Motorsport P34 intake system is a straightforward process that will take approximately 1 hour to complete.

**Supplied Parts:**

- P34 Intake Airbox
- P34 MAF Adapter
- P34 Heat Shield
- P34 Airbox Mounting Bracket
- (2x) P34 Airbox Mounting Buttons
- 034 3.5" Air Filter with hose clamp
- Silicone Hose
- (6x) M4x10mm Button Cap Bolts
- (4x) M5x10mm Button Cap Bolts
- (2x) M5x30mm Hex Head Bolts
- M5x20mm Hex Head Bolts
- (3x) M5 Locking Nuts
- (4x) M4 Locking Nuts
- (2x) M5 Washers

**Tools Needed:**

- 8mm Wrench
- 3mm Allen
- 2.5mm Allen
- T20 Torx Bit
- Flathead Screwdriver

#### Getting Started

Confirm you have received all the parts included with your purchase by reading the complete guide, if there are missing components, please contact:

#### About This Guide

This Install Guide documents the installation process on an F30 BMW 340i . There may be minor differences depending on specific vehicle, market, options, etc.

### Assembly Steps

#### **Step 1**

Attach the air filter to the MAF adapter against the flange.  
Secure using the provided hose clamp.



#### **Step 2**

Insert an M5x30mm bolt into one of the mounting buttons.



#### **Step 3**

Using a 3mm Allen and 8mm wrench, install mounting button to the airbox mounting pad with an M5 locking nut.



#### **Step 4**

Insert the M5x30mm bolt into the mounting button and secure to the mounting bracket using the 3mm Allen and 8mm wrench.



#### Step 5

Use the M5x20mm bolt to attach the mounting bracket to the airbox using the 3mm Allen and 8mm wrench.

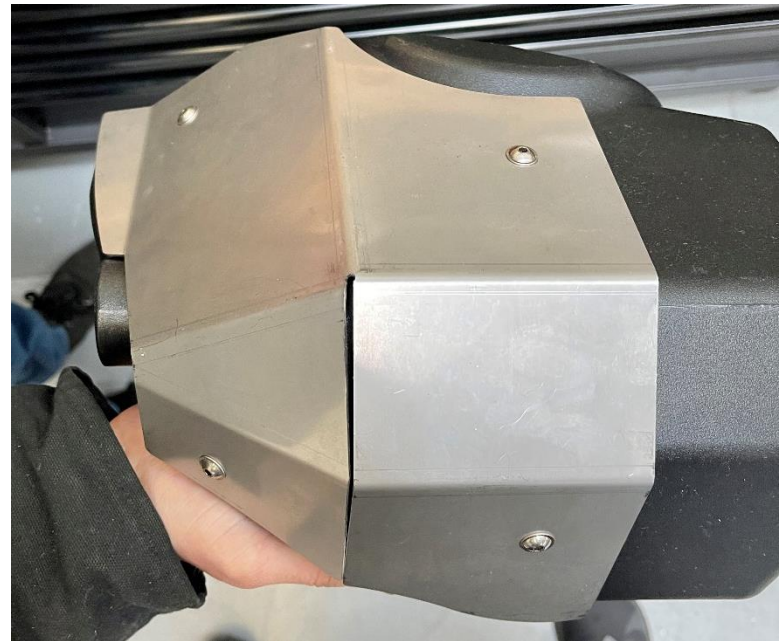


#### Step 6

Using the 3mm Allen and 8mm wrench, attach the heat shield to the airbox in the sequence displayed with the (4x) M5x10mm button cap bolts and M5 locking nuts. Leave the bolts loose until all are installed.



#### Step 6 cont.



#### Step 7

Insert the air filter assembly into the large opening on the airbox. Align the holes on the flange to the airbox. Using a 2.5mm Allen, secure with the (4x) M4x10 bolts.



(The flat edge of the flange will match the crease in the airbox, shown in red above)



You are now ready to start the installation process.

#### Install Steps

##### Step 1

Open the hood of your car.



##### Step 2

Disconnect the MAF sensor.



#### Step 3

Loosen the hose clamp from the factory airbox and intake and separate the two pieces.



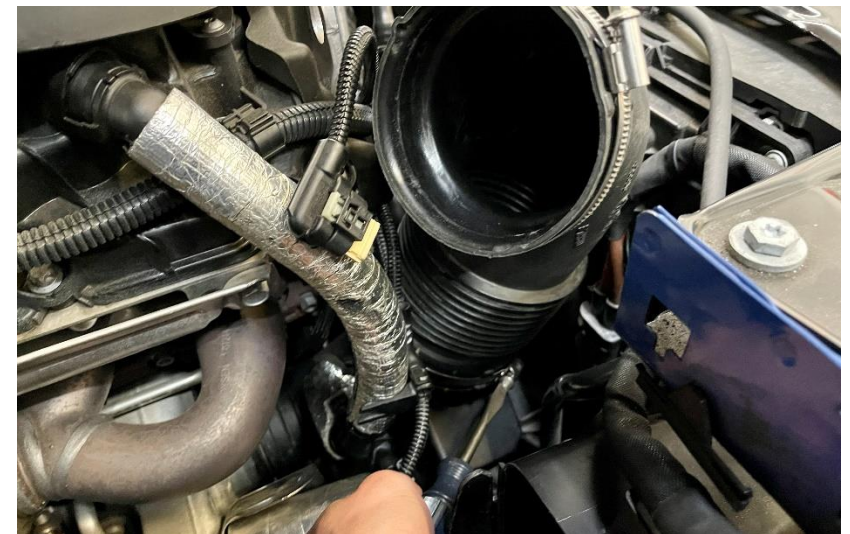
#### Step 4

Remove the factory airbox by pulling up.



#### Step 5

Loosen the hose clamp from the intake and turbo inlet.



#### Step 6

Extract the intake hose.



#### Step 7

Remove and swap the rubber grommet from the factory airbox to the 034 unit.



#### Step 7 cont.



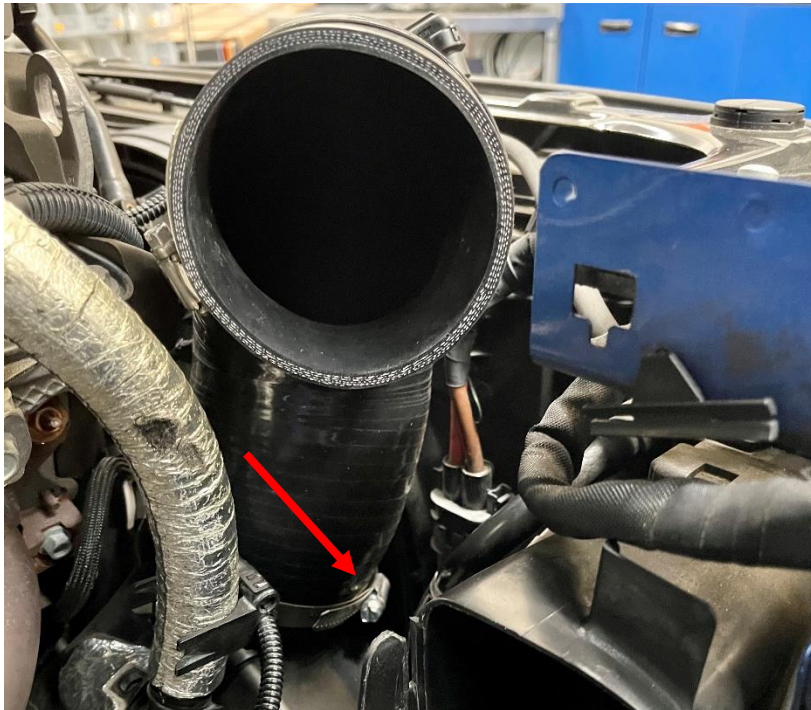
#### Step 8

Using a Torx T20, remove and swap the MAF sensor receiver to the 034 unit. Use a 2.5mm Allen to install the provided M4 bolts onto the 034 MAF adapter.



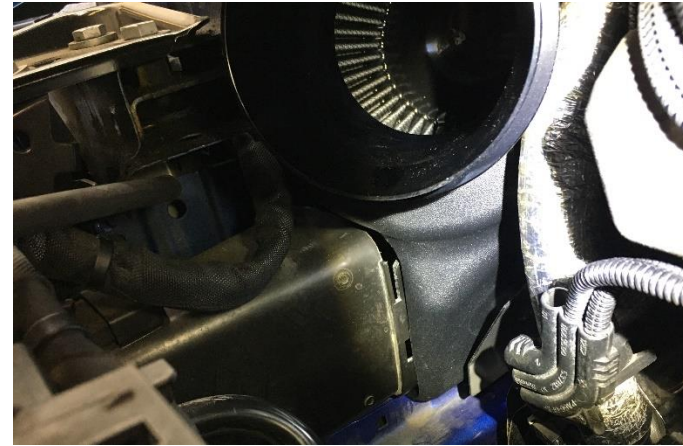
#### Step 9

Connect the 034 silicone hose onto the turbo inlet.



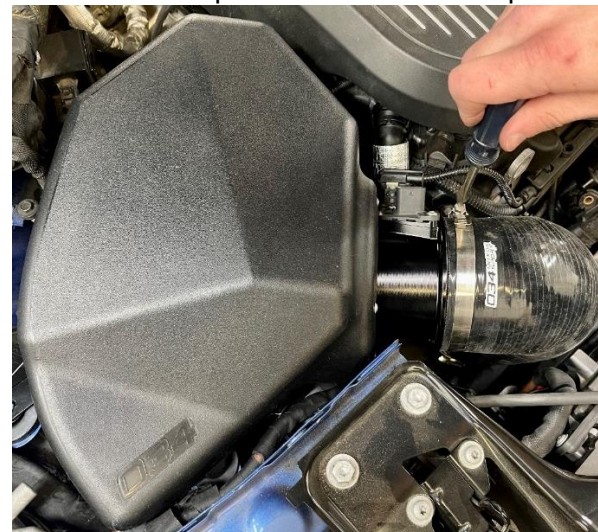
#### Step 10

Align the 034 airbox over the factory location and push down to engage the mounting buttons. The airbox inlet goes around the factory air guide.



#### Step 11

Connect the intake hose to the airbox assembly and secure with the provided hose clamp.



**Step 12**

Reconnect the MAF sensor to the receiver and gently push until it clicks into place.

**Step 13**

You are finished! Enjoy the upgraded performance.

