



## Installation Instructions For

2012+ BMW F20 21 30 31

(116i 118i 120i 316i 318i 320i)

### KIT CONTENTS

| NO. | DESCRIPTION           | QTY |
|-----|-----------------------|-----|
| 1   | Intake Pipe           | 1   |
| 2   | Heatshield            | 1   |
| 3   | Heatshield Cover      | 1   |
| 4   | M4 Bolt(8mmx4,12mmx2) | 6   |
| 5   | M4 Washer             | 4   |
| 6   | M4 Spring Washer      | 4   |
| 7   | M6 Bolt               | 1   |
| 8   | M6 Washer             | 2   |
| 9   | M6 Nut                | 1   |
| 10  | M8 Bolt               | 1   |
| 11  | M8 Nut                | 1   |
| 12  | M8 Washer             | 2   |
| 13  | Mount Rubber          | 1   |
| 14  | Air Filter            | 1   |
| 15  | Silicone Hose         | 1   |
| 16  | Clamp                 | 2   |

**Please Check the Contacts of this box immediately.**

Report any defective or missing parts to us or

our dealer that you purchased this product form.

Before installing any parts of this system, please read the instructions thoroughly. If you have any questions regarding installation please contact the our dealer or local modified car factory.

Installing does require some mechanical skills. A qualified mechanic is always recommended.

※Do not attempt to install the intake system while the engine is hot.

The installation may require removal of radiator fluid line that may be hot.

MST Performance Auto Parts offers a limited lifetime warranty to the original purchaser against defects in materials and workmanship.

Warranty claims must be handled through the dealer from which the item was purchased.

\*All installation of parts must be performed by a trained professional.

BW-N1301L





Figure 1 The stock Intake system



Figure 2 Loosen the clamps of stock hose



Figure 3 Loosen the clamps of stock hose



Figure 4 Disconnect the MAF sensor



Figure 5 Remove the engine cover



Figure 6 Remove the stock turbo inlet hose



Figure 7 Unscrew the screws from the MAF sensor



Figure 8 Saperate the sensor from the engine cover



Figure9 Put the sensor to the MST intake pipe

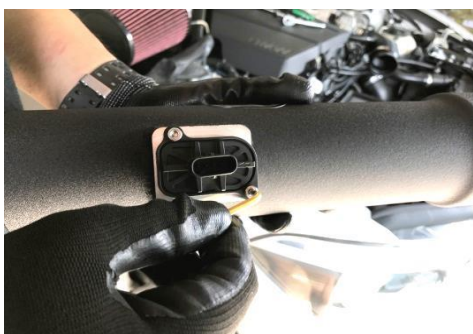


Figure 10 Lock the screws of MAF sensor (M4 bolt 12mm x2)



Figure 11 Install the MST heat shield

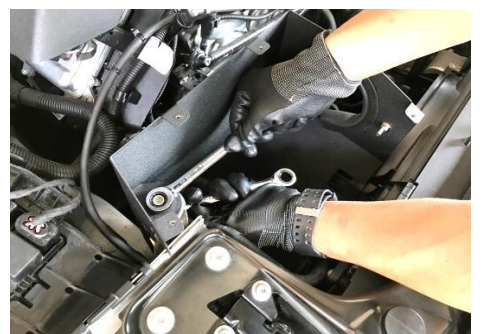
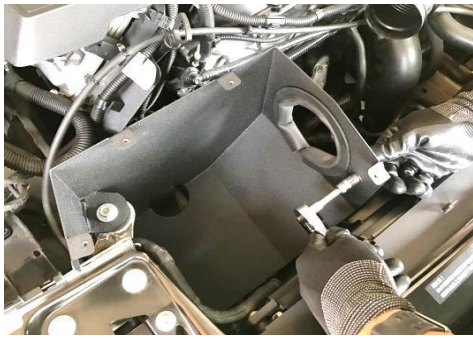


Figure12 Using bolt and lock the MST heat shield





**Figure 13** Install the screwers to secure the MST heat shield



**Figure 14** Install the MST silicone hose, and slide a clamp to it



**Figure 15** Install the MST intake pipe



**Figure 16** Connect the silicone hose and the intake pipe properly, tight the clamp (Do not overtighten)



**Figure 17** Overview when pipe and heat shield base are all set



**Figure 18.** Connect the MAF sensor to the MST intake pipe



**Figure 19** Install the MST filter with a provided clamp.



**Figure 20** Tighten the clamp (Do not overtighten)



**Figure 21** The overall apperance of the MST intake system



**Figure 22** Install the MST heat shield cover and secure with the screws



**Figure 23**  
Congratulations! You have just completed the installation of this intake system. Periodically, check the alignment of the intake, normal wear and tear can cause nuts and bolts to come loose.