



Installation Instructions For BMW S58 3.0T ENGINE(BW-S5806)

KIT CONTENTS

NO.	DESCRIPTION	QTY
1	Turbo Inlet Pipe	2
2	Turbo Inlet Adapter	2
3	O-Ring	2
4	Intake Tube	2
5	Heat Shield	2
6	Bracket	4
7	Silicone Hose	2
8	M6 Bolts	6
9	M5 Bolts	2
10	M4 Bolts	8
11	Alu Mount	2
12	Air Filter	2
13	Clamp	4

Please Check the Contents of this box immediately.

Report any defective or missing parts to us or our dealer that you purchased this product from.

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.





Figure 1: Stock air box. Remove 15mm 13mm bolts center and the strut brace.



Figure 4: Remove the wire clips.

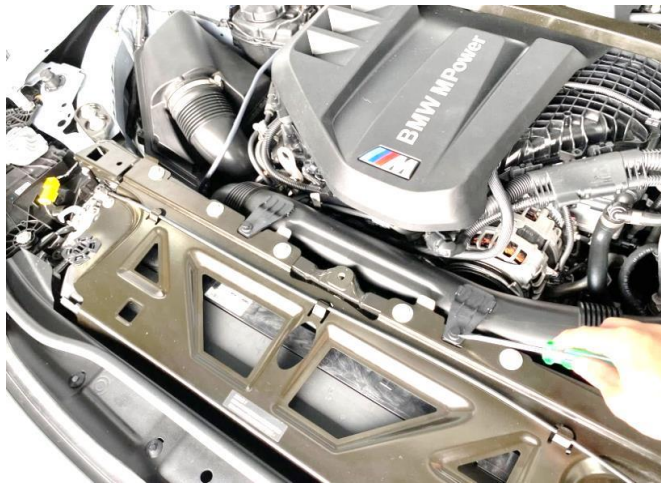


Figure 2: Remove the plastic tabs.



Figure 5: Remove the tube and air box.



Figure 3: Disconnect the sensor.



Figure 6: Remove the wire clips.



Figure 7: Remove the tube and air box.



Figure 10: Remove the bolts and stock turbo inlet from the turbo.

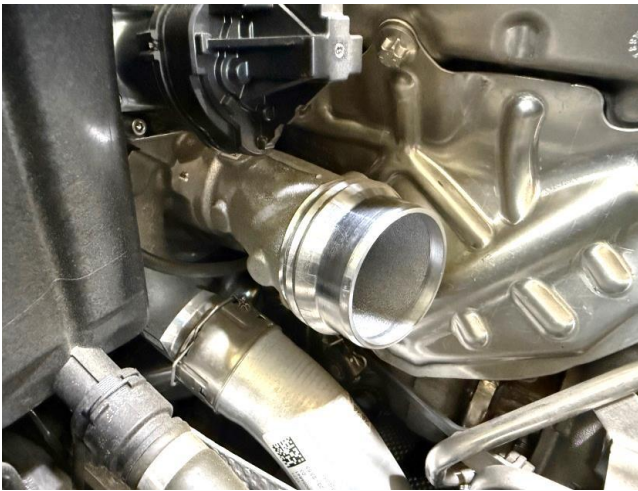


Figure 8: Stock turbo inlet.



Figure 11: Disconnect the breather tube.



Figure 9: Stock turbo inlet.

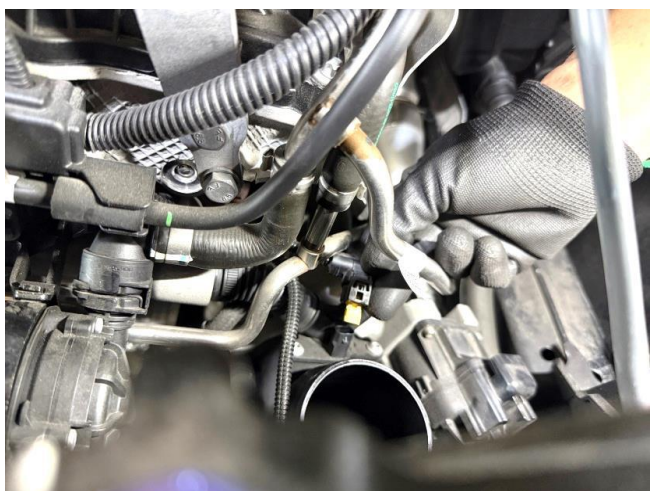


Figure 12: Disconnect the sensor plug.



Figure 13: Remove the breather hose bolt, unclip from the engine side and you can pull this out



Figure 16: Secure the breather assembly onto the inlet using the OEM bolts.



Figure 14: Remove the breather assembly from the inlet. There is also a metal shim inside the breather hole of the inlet.



Figure 17: Install the o-ring on the MST turbo inlet.



Figure 15: Insert the metal shim into the new inlet as shown. The notch should line up with the tab on the inside.



Figure 18: If the vehicle is a stock turbo, please install the MST adapter to ensure the best air flow rate. If it is a hybrid turbo, do not need to install it.

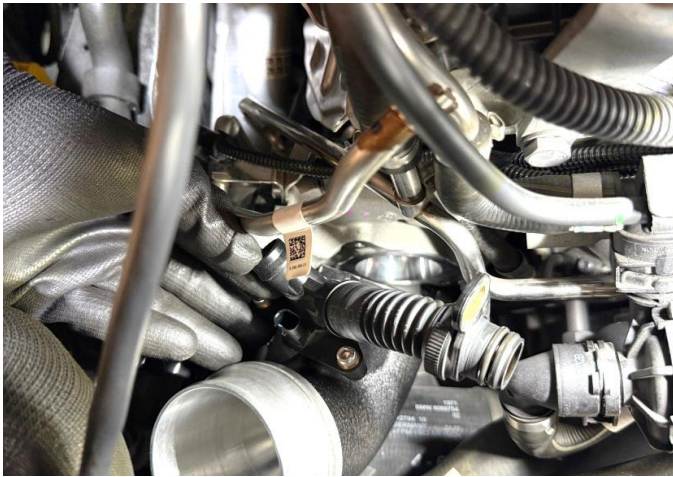


Figure 19: Install the MST turbo inlet and use M6 bolts to tighten



Figure 22: Install the MST turbo inlet and use M6 bolts to tighten



Figure 20: Connect the breather hose and sensor.



Figure 23: Install the silicone hose onto the turbo inlet.



Figure 21: If the vehicle is a stock turbo, please install the MST adapter to ensure the best air flow rate. If it is a hybrid turbo, do not need to install it.



Figure 24: Install the bracket onto the heat shield.



Figure 25: Install the bracket onto the heat shield.



Figure 28: Remove the OEM radiator cover bolt.



Figure 26: Install the right-side intake tube. First, insert the intake tube into the heat shield.

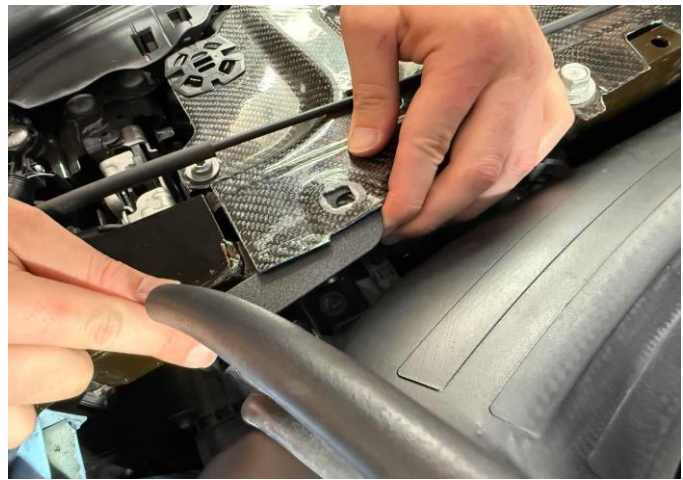


Figure 29: Install the bracket.

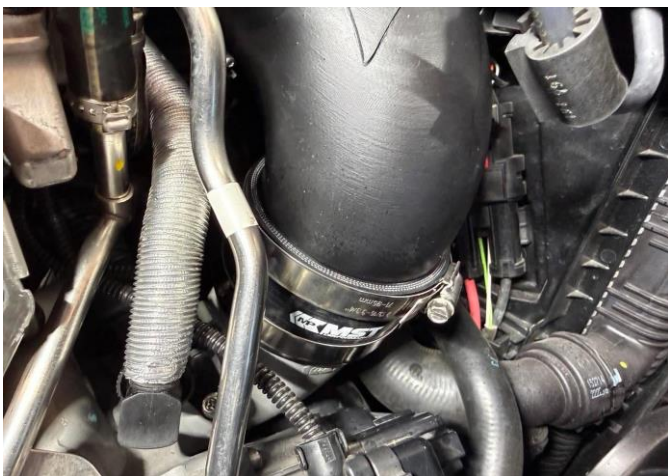


Figure 27: Connect the right-side intake tube to the turbo inlet.

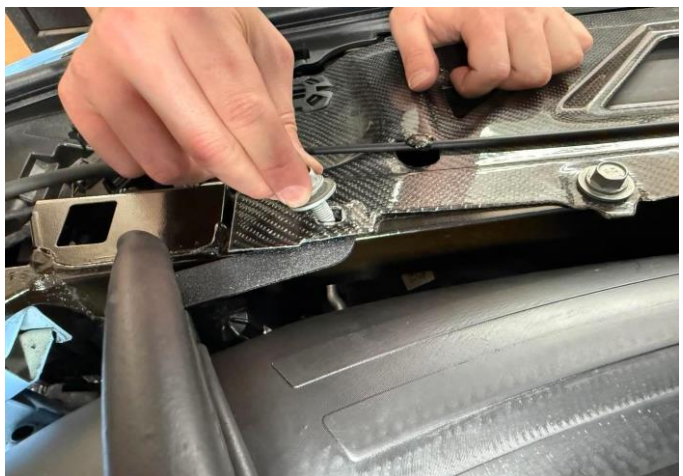


Figure 30: Tighten the bolt.



Figure 31: Connect the sensor.



Figure 34: Install the intake tube and connect the turbo inlet.



Figure 32: Install the MST filter.

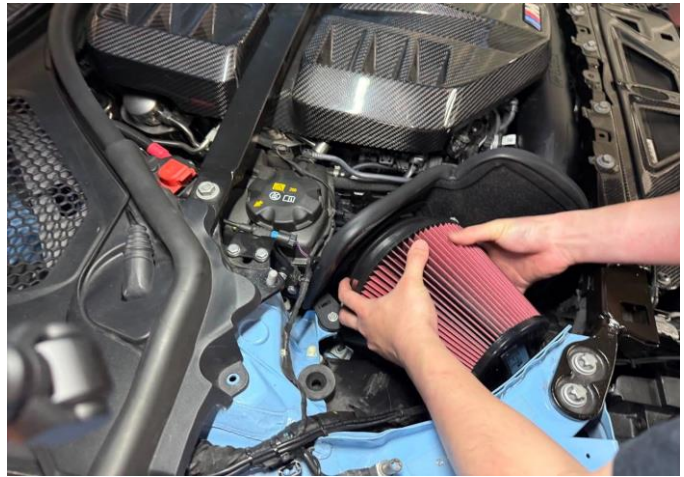


Figure 35: Install the MST filter.

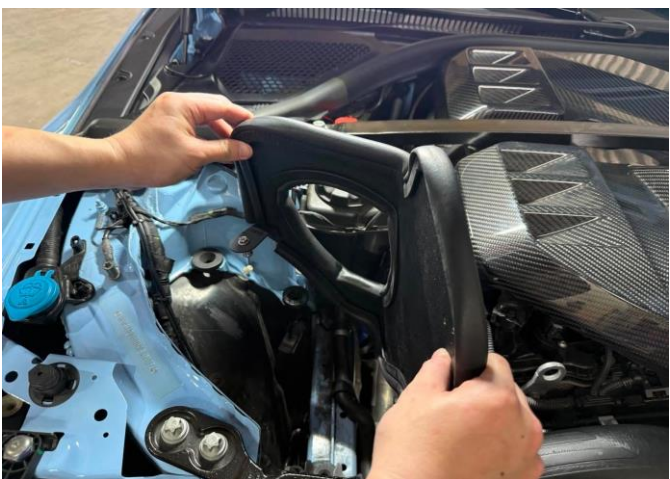


Figure 33: Install the heat shield.



Figure 36: Remove the OEM radiator cover bolt.



Figure 37: Install the bracket.



Figure 38: Tighten the bolt.



Figure 39: Reinstall the engine strut bar.



Figure 40: 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.