



Installation Instructions For

2013-2017 MERCEDES A45 CLA45 GLA45 AMG

KIT CONTENTS

NO.	DESCRIPTION	QTY
1	100mm Intake Pipe	1
2	Silicone Inlet Hose	1
3	Heatshield A	1
4	Heatshield B	1
5	M4 Bolt	3
6	M4 Washer	3
7	M4 Spring Washer	3
8	3 1/4 Clamp	1
9	4 1/2 Clamp	1
10	100mm Filter	1

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: The stock intake system.



Figure 2: Remove the engine cover.



Figure 3: Loosen the screws on the air box



Figure 4: Remove the stock air filter by turning it counterclockwise.



Figure 5: Disconnect the ECU connector



Figure 6: Disconnect the wire harness connector on the side of air box.



Figure 7: Disconnect the temperature sensor.



Figure 8: Separate the temperature sensor



Figure 9: Loosen the clamps on the stock hose



Figure 10: Remove the stock air box



Figure 11: Unscrew the sensor bracket bolts

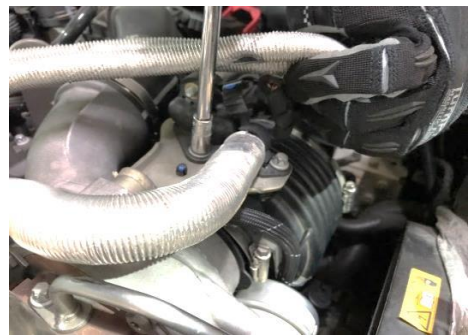


Figure 12: Unscrew remaining bolts.

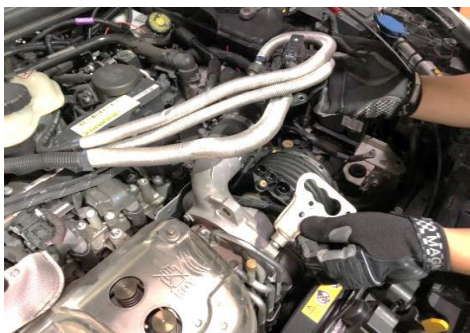


Figure 13: Remove the sensor and the bracket



Figure 14: Remove the stock hose.



Figure 15: Unscrew the screws on the stock air box

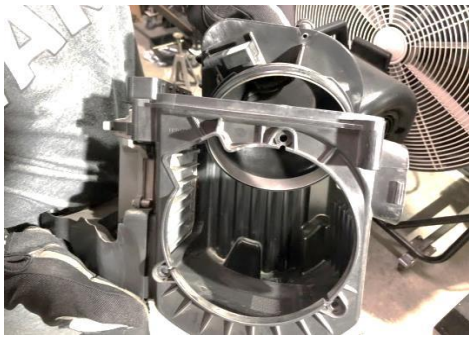


Figure 16: Remove the adapter on the stock air box



Figure 17: Remove the temperature sensor on the adapter



Figure 18: Install the temperature sensor on the MST silicone inlet hose



Figure 19: Place the MST "B" heatshield inside of air box

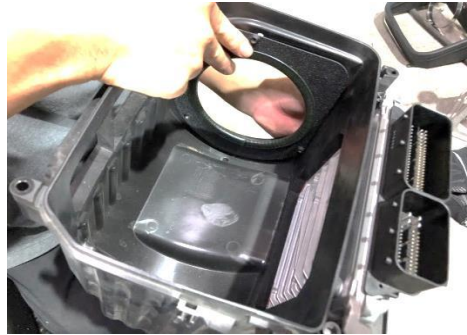


Figure 20: Align MST heatshield.



Figure 21: Lock the screws for the MST heat shield on the stock air box.



Figure 22: Install the MST silicone inlet



Figure 23: Install the stock air box.



Figure 24: Install the 100mm MST intake pipe

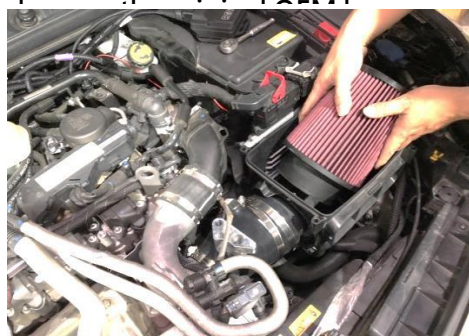


Figure 25: Install the MST filter

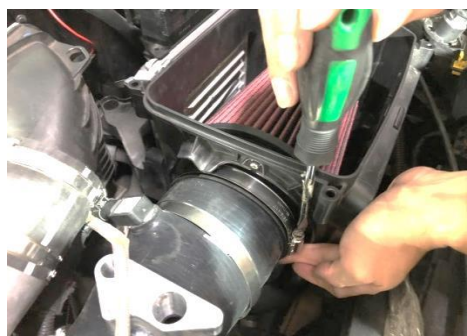


Figure 26: Tighten the clamps between the filter and the hose



Figure 27: Reconnect the sensor into the hose. [Metal Bracket is not re-used]



Figure 28: Lock the screws on the hose



Figure 29: Prepare to install the MST heat shield "A"



Figure 30: Install the MST heat shield "A" on the air box



Figure 31: Install and tighten the screws for the heat shield

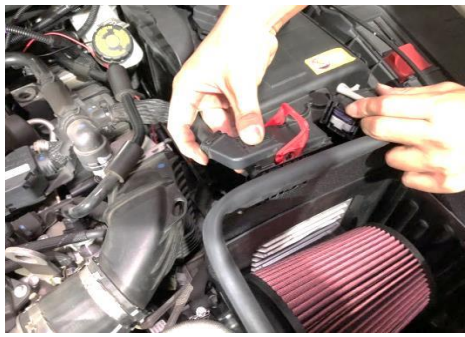


Figure 32: Reconnect the ECU connector



Figure 33: Reconnect the connector on the side of air box



Figure 34
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.