

IMPORTANT NOTICE:

Included in this package is a complimentary Cold Air Intake Kit (D760-0020 / D760-0021) for the S85 M5 & M6.

- The Cold Air Intake kit directs additional air from in front of the radiator to the airboxes, and may be used together with the D763-0044 High Flow Air Flow Meters for enhanced performance.
- The Cold Air Intake kit may be installed with minimal additional effort if done simultaneously with the High Flow Air Flow Meters.



HIGH FLOW AIR FLOW METERS

INSTALLATION INSTRUCTIONS

D763-0044

Fits: 2006-08 M5 – M6

PARTS LIST

Air Box Assembles
Air inlet hoses

Air Filters
Hardware Kit



Congratulations for being selective enough to use a Dinan Engineering Air Flow Meter kit. We have spent many hours developing this system to assure that you will receive maximum performance and durability with minimum difficulty in installation.

Please take the time to read these instructions thoroughly before proceeding. When performing the installation, read the entire numbered instruction before working on the car. If you feel that you do not have the requisite skill, please arrange for a qualified repair facility to perform the installation.

INSTALLATION INSTRUCTIONS

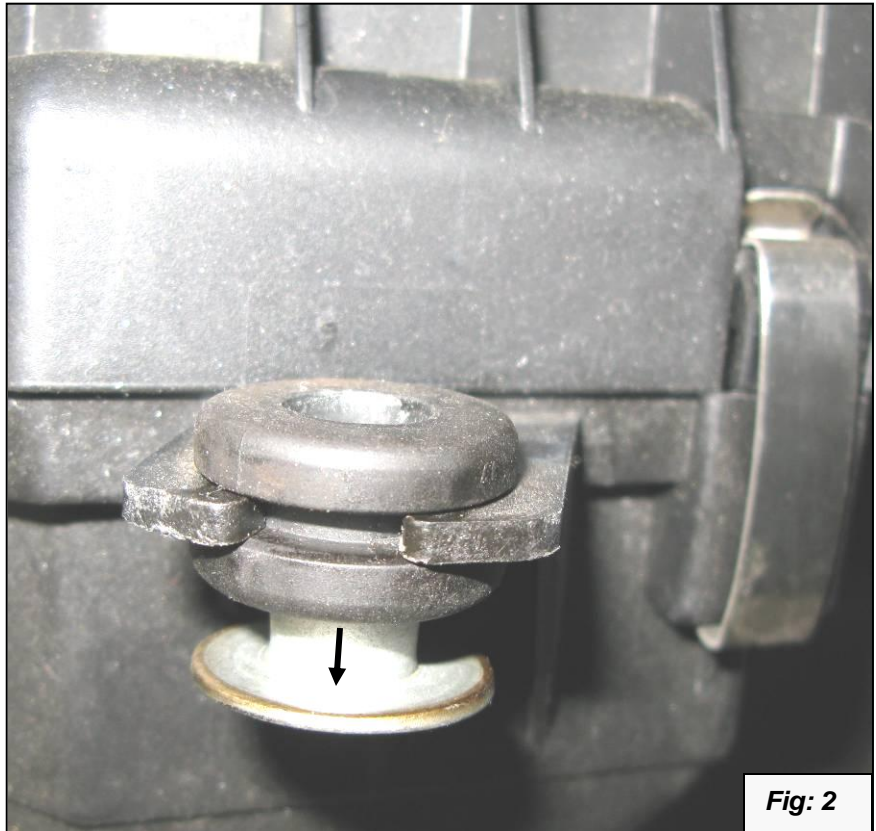
1. Disconnect hoses between throttle body air collector and air mass meter at the air mass meter by loosening hose clamps. Save for use later.
2. Remove the stock airbox assemblies. Disconnect the wire connectors. Remove the nuts, bolts and unclip the inlet tubes from the airboxes. Pull each entire air box assembly from the car.

3. Carefully unbolt the air mass meter sensor from the airbox lid. The bolts are T-20. Discard stock bolts.



4. Carefully install the air mass meter sensor into the Dinan air mass meter housing using the supplied screws.

5. Remove the stock rubber mounts from the mounts on the stock air box bottom. First slide the metal sleeve down out of the rubber then pull the rubber grommet out the side through the slot. See figures 1 and 2. Install them into the Dinan Air Box mounts in reverse order of removal.



6. The passenger side front mount is different; the rubber mount there is attached to the car and is left on the car and mounted as stock.

- Remove the front inlet air ducts by removing the torx screw from the location shown in figure 3.

- Remove the air duct mounting flanges from the air ducts as shown by placing a small screw driver under each tab and sliding mount off of duct. See figures 4 and 5.

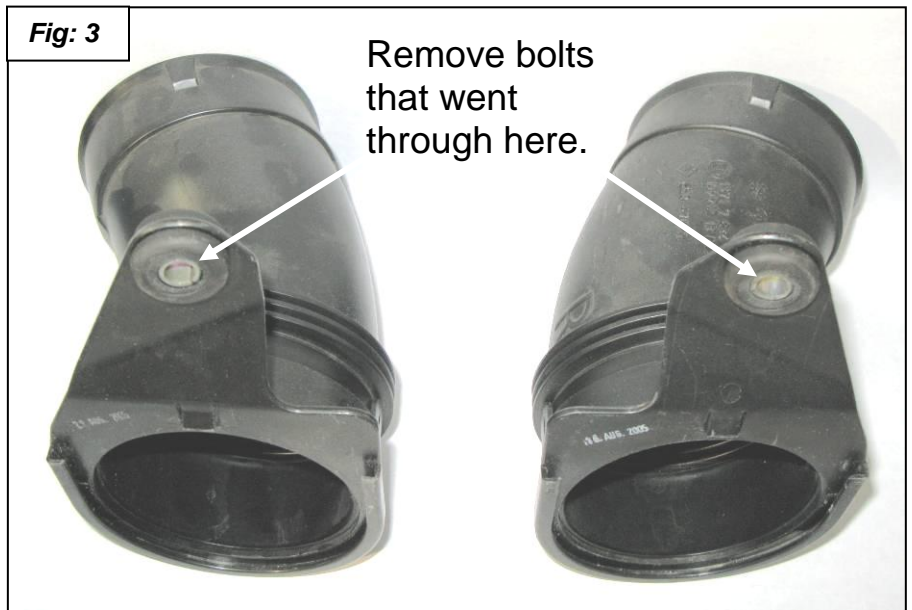


Fig: 5

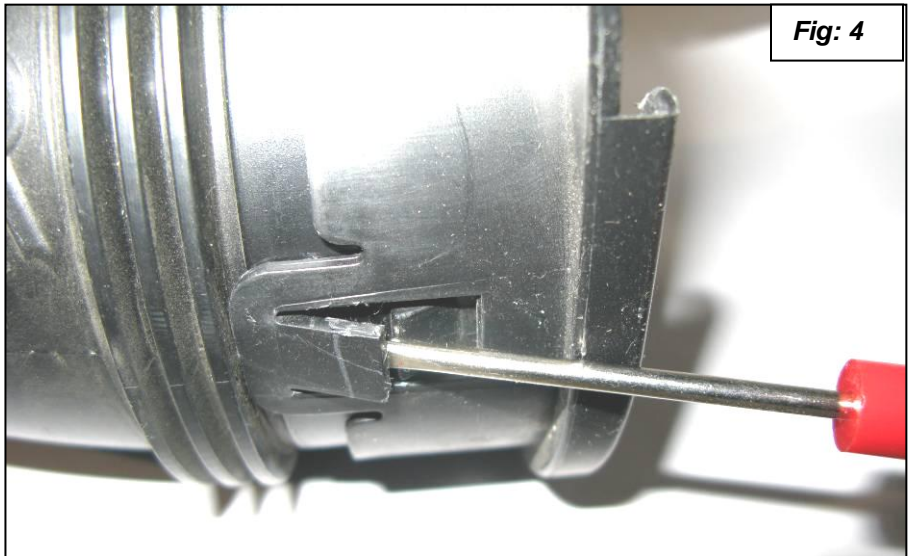


Fig: 4

- Install the rubber inlet hoses onto the inlet air ducts as shown in figure 6.

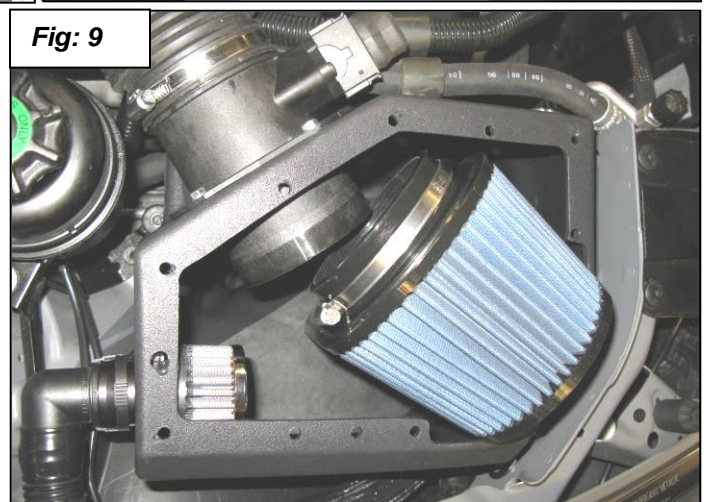


Fig: 6

10. Install the air boxes into the car using the stock mounts, nuts and screw.
11. Reach into the air box and pull the inlet hose lip onto the opening of the air box. See figures 7 and 8. Repeat on the other side.



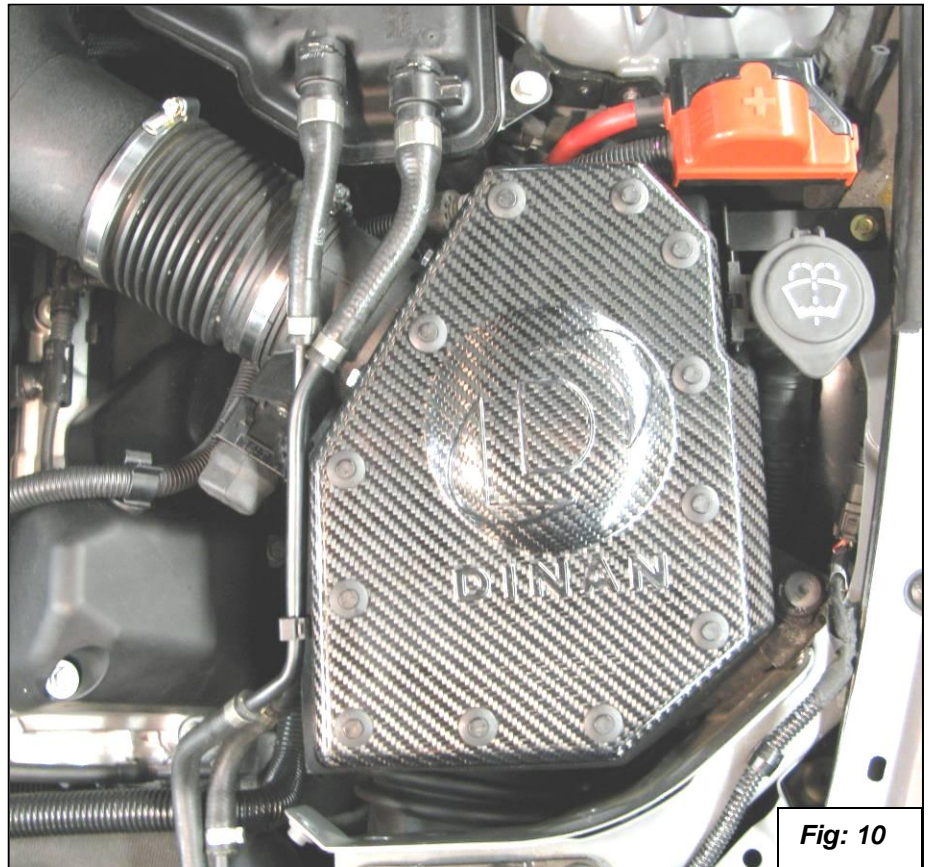
12. Clip the air pump inlet hose onto the mini air filter tube as show in figures 7 and 9.
13. Install the air filters into the air boxes. Carefully slide the air filter into position letting the lip distort over the edge of the air mass meter. See figure 9. Repeat on the other side.



14. Install the carbon fiber lids onto the air boxes with the reusable push rivets as shown in figures 10 and 11.

15. Carefully install the bellows hoses between the air mass meter and the throttle body air collector on each side. Compress the bellows with both hands and slide the ends into position. See figures 10 and 11.

16. Plug in the wire connectors to the Air Mass Meters.



17. Clip the coolant lines into the fastener on the side of the air box on the driver's side. See figure 12.

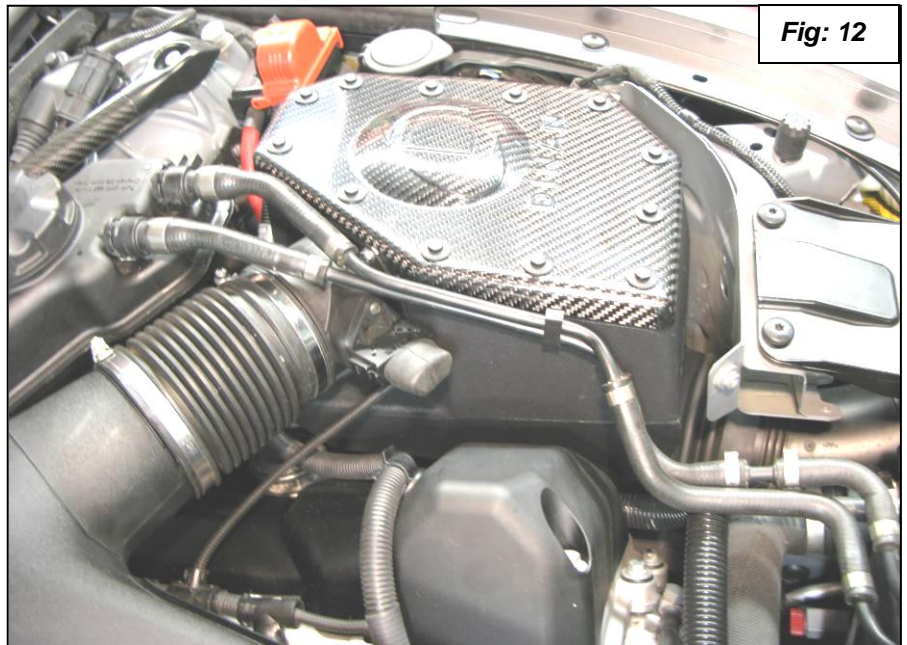


Fig: 12

18. Install the body nut into the square hole as shown in figure 13 and 14.

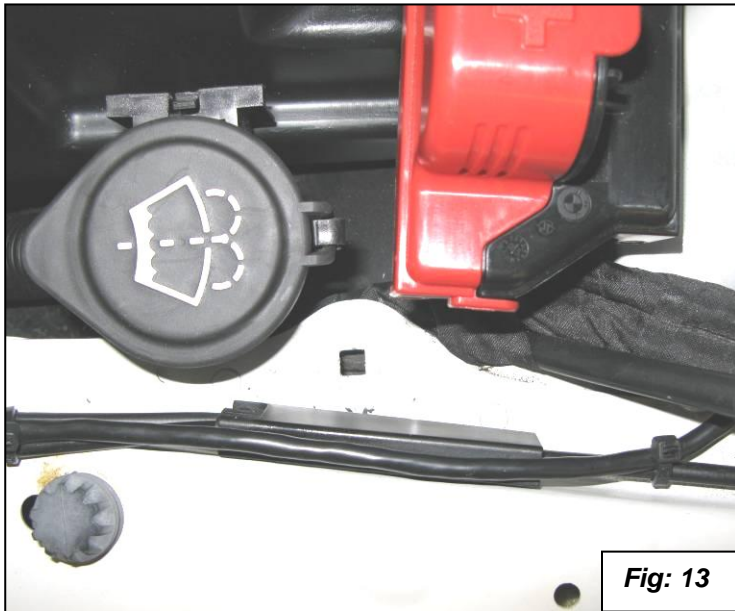


Fig: 13

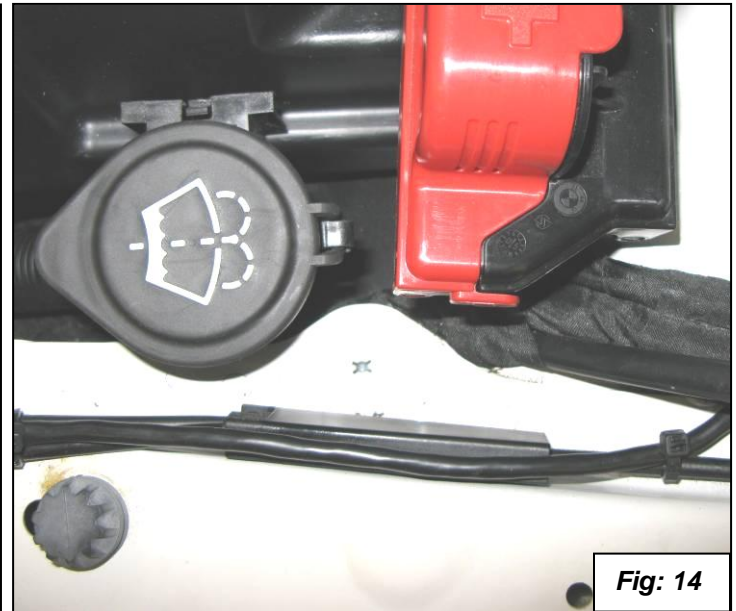


Fig: 14

19. Install the bracket to hold the filler for the windshield washer bottle as shown in figure 15. Fasten with the supplied screw.

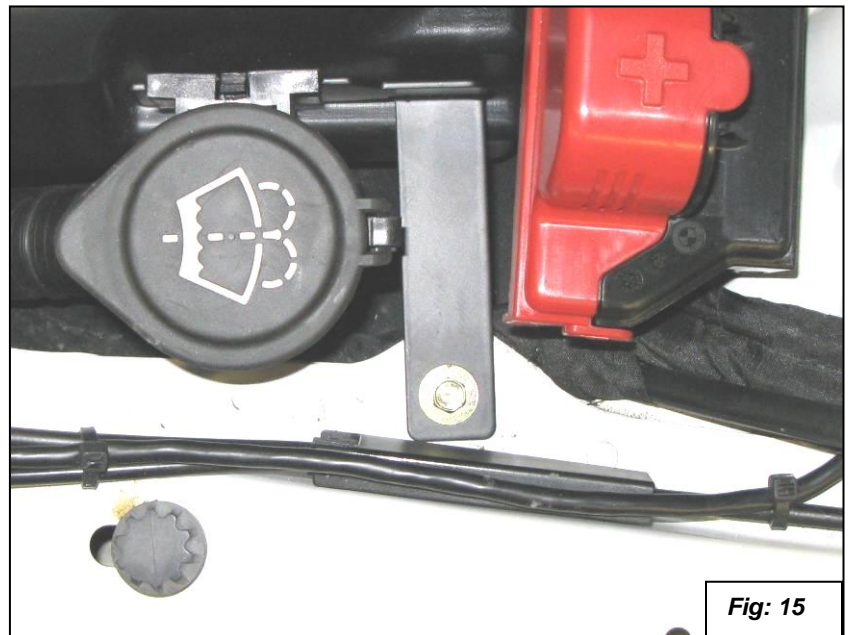


Fig: 15

NOTE:

- We recommend replacing the air filter every 30,000 miles. The Dinan part number is D401-0013.