



COLD AIR INTAKE

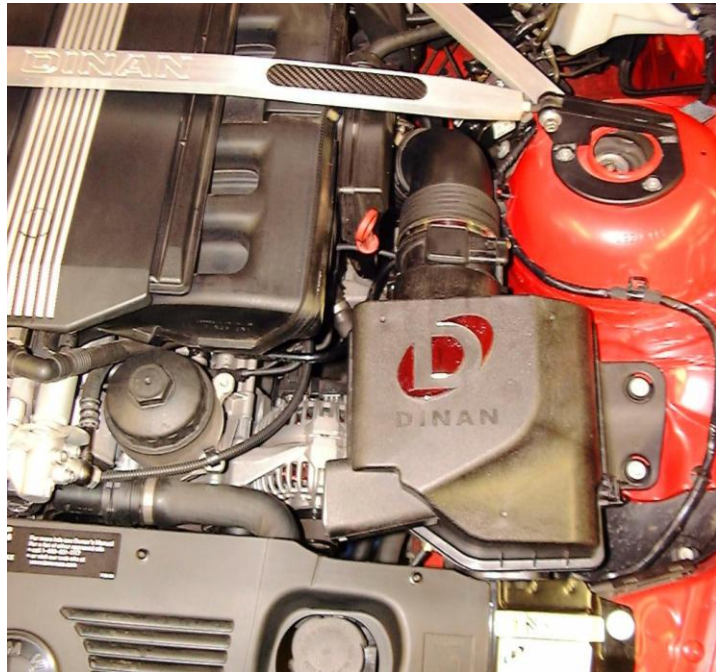
INSTALLATION INSTRUCTIONS

D760-0011

Fits: 2003-05 Z4 3.0i

PARTS LIST

Top Cover
Air Filter w/ clamp
Air Diverter
Hardware Kit



Congratulations for being selective enough to use a Dinan Engineering Cold Air Intake. 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. Open hood and remove stock airbox lid (**see Fig. 1**). Separate the airbox Lid from the airbox base by unclipping the retaining clips and remove lid. See figure 1.
2. Carefully remove the air inlet cover from the stock lid. Push in the tabs slightly as you push the cover out from the inside. See figure 2 and 3. Install the cover into the Dinan Airbox Lid.

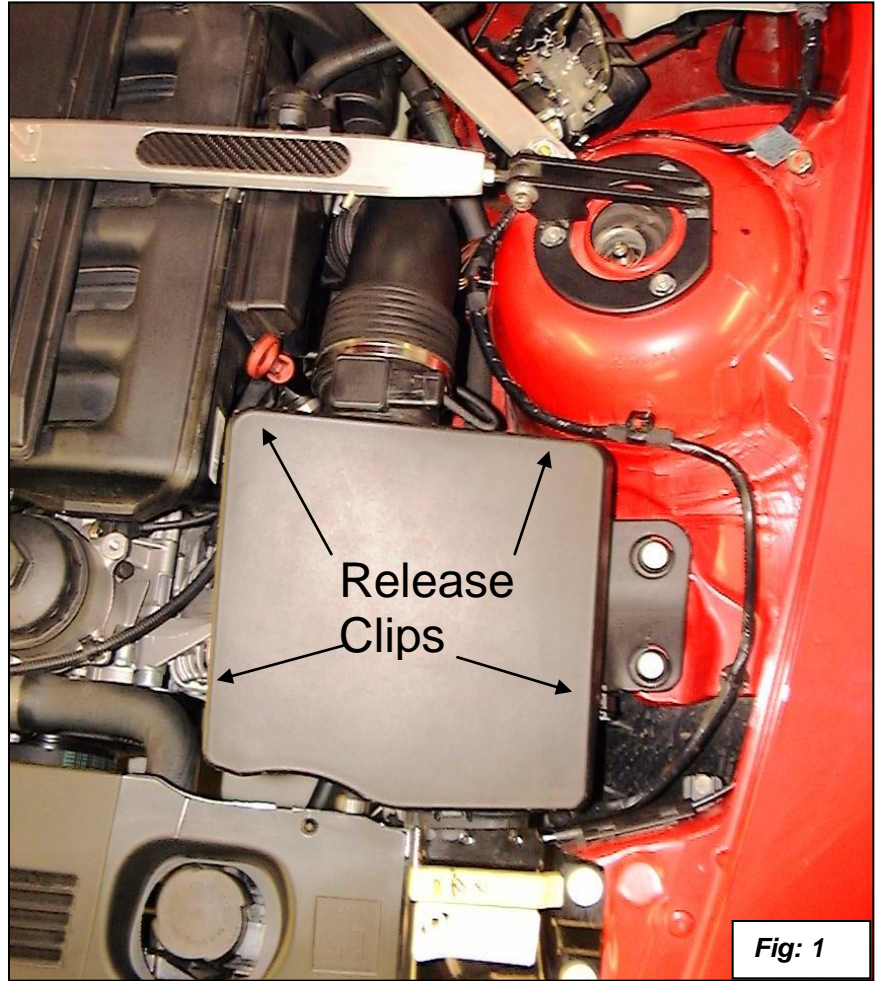


Fig: 1

Airbox Lid with air inlet cover removed.



Fig: 2

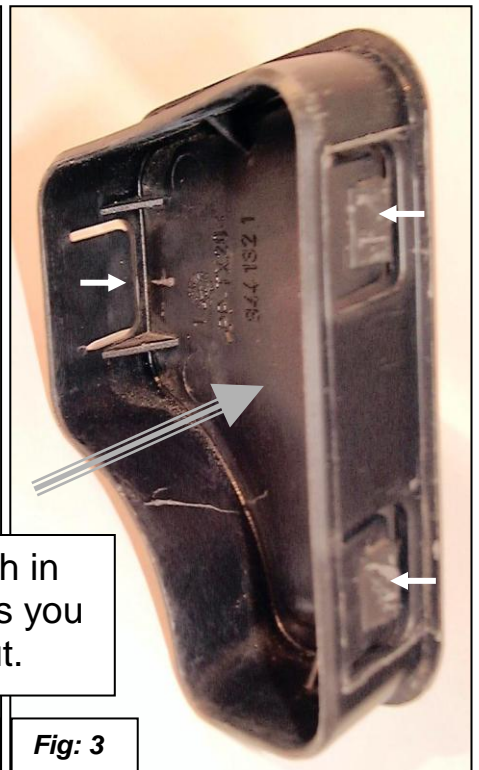
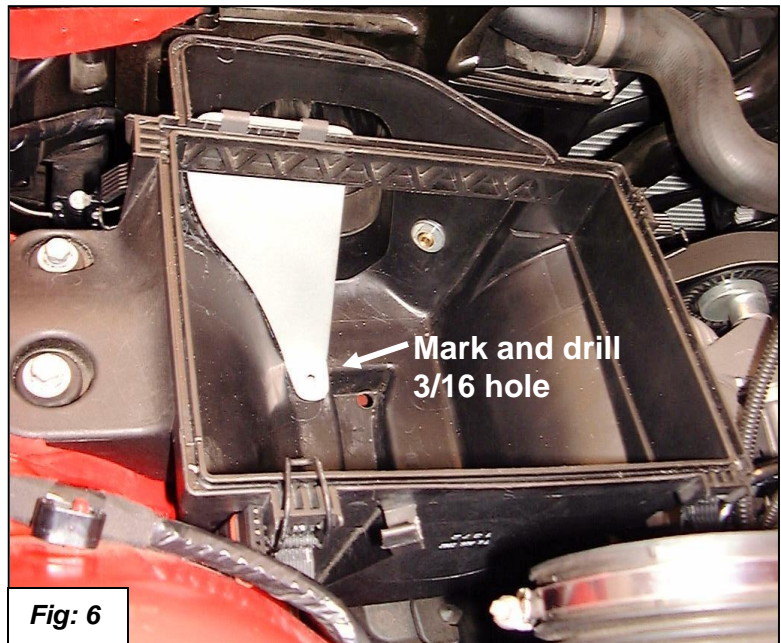
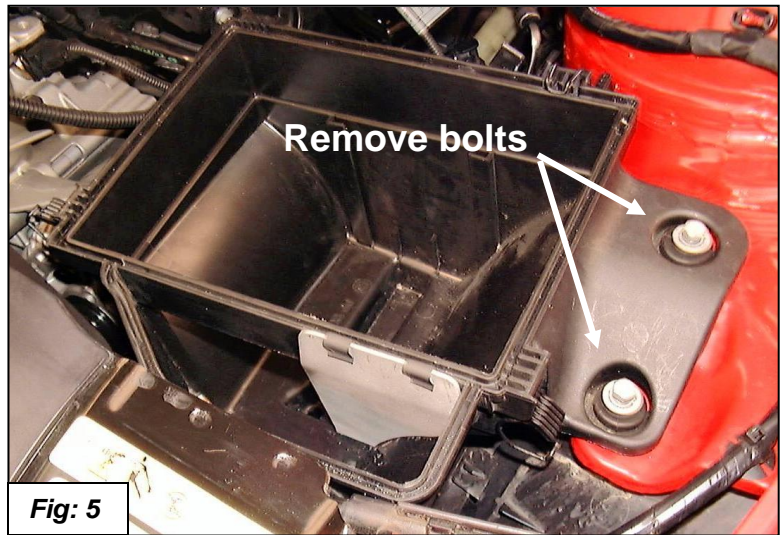
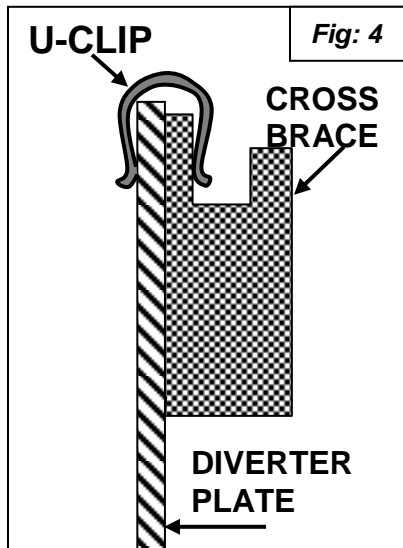


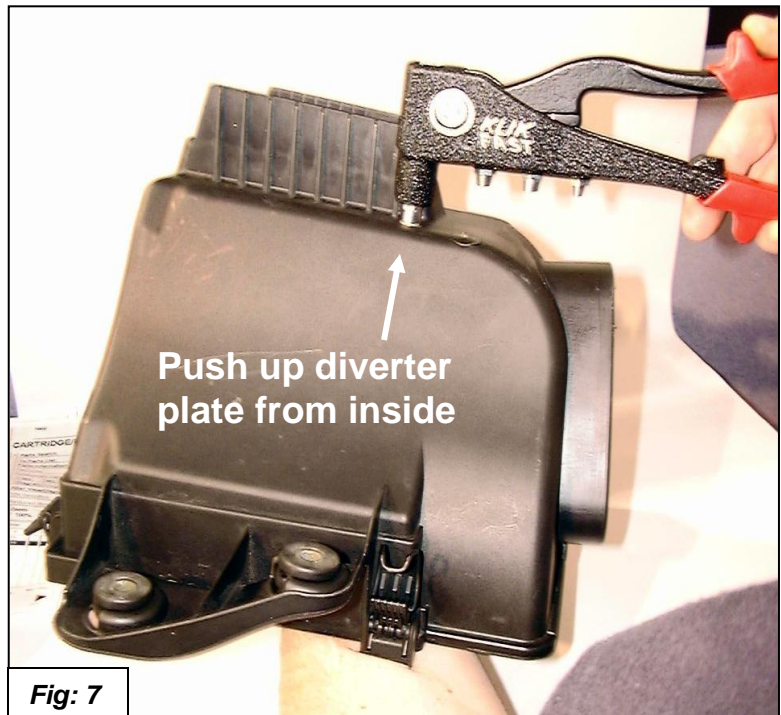
Fig: 3

Carefully push in tabs slightly as you push cover out.

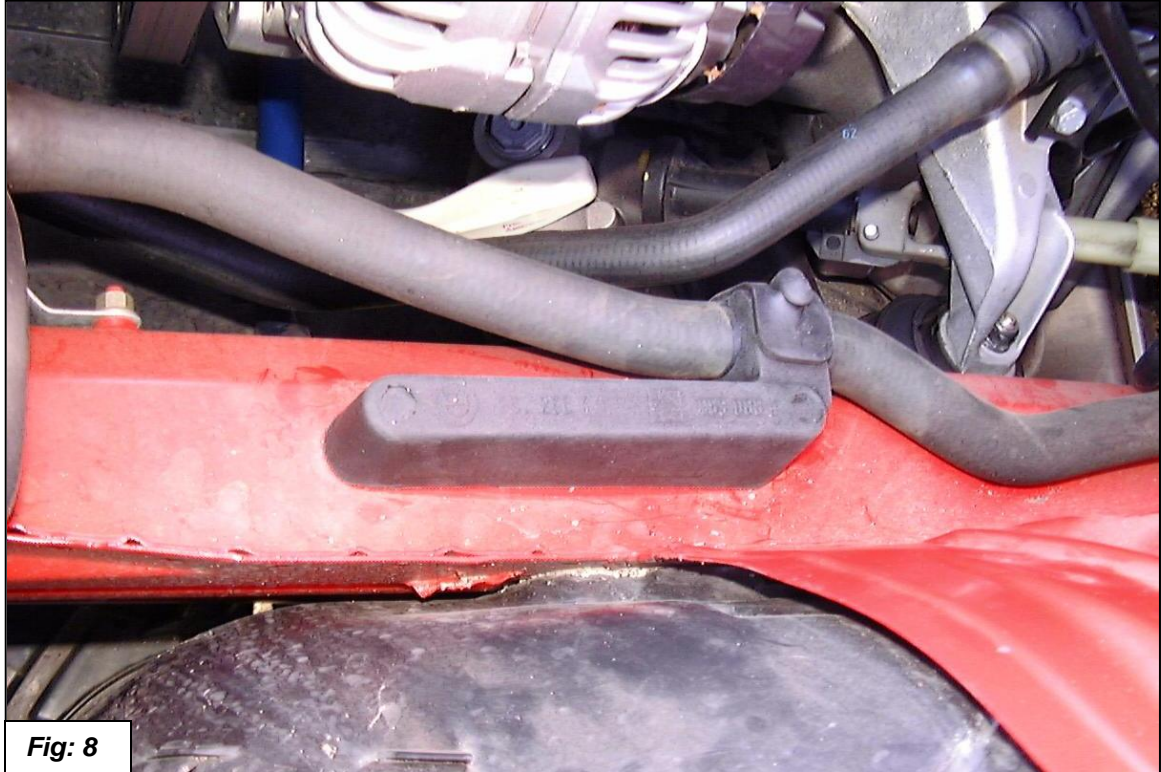
3. Install the diverter plate into the lower half of the air box as shown in figures 5 and 6. Secure with the supplied U-Clips along the top edge. The clips squeeze and hook the diverter plate to the cross brace of the air box. See figure 4



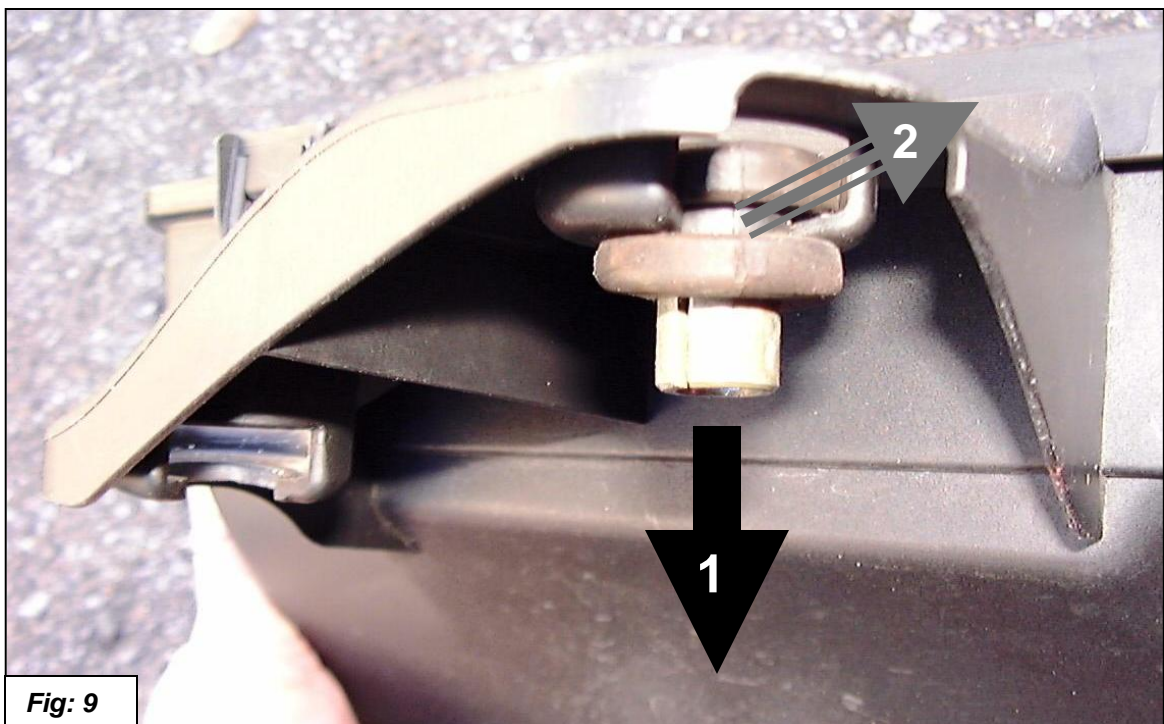
4. Push the plate down so the flange is flat on the bottom of the box. Mark and center punch the hole location. See figure 6.
5. Remove the lower half of the air box from the car by removing the two 10mm head bolts as shown in figure 5.
6. Drill the hole you marked in step 4 with a 3/16" drill.
7. From the bottom install the supplied pop rivet as shown in figure 7.



8. Remove the rubber mount from the frame that the air box sits on. The strap comes undone by pulling up on the end and carefully peeling the mount away from the hose. Replace it with the new mount supplied with the kit. See figure 8.



9. Remove the stock rubber mounts from the side of the air box. First slide the metal sleeve down out of the rubber then pull the rubber grommet out the side thru the slot. See figure 9.



10. Reinstall the lower half of the Air Box. Make sure the box sits down fully into the lower mount and the inlet is properly engaged with rubber boot. Center the air box mounting holes over the nuts mounted on the car and install the new grommets as shown in figures 10 and 11.



Fig: 10

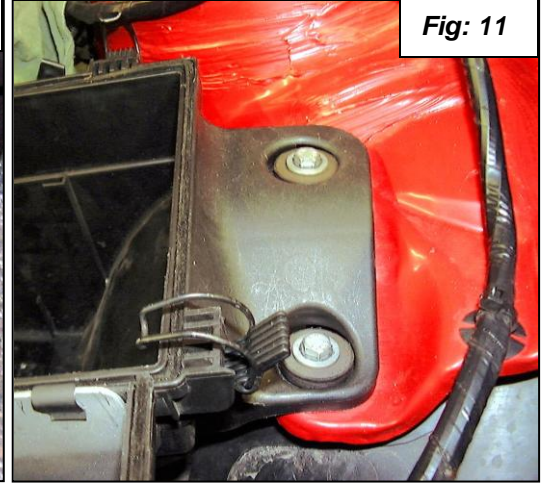


Fig: 11

11. Pry back clips for air flow meter and separate AFM from airbox lid, **be careful not to damage the grid on the AFM.** (The airbox lid will not be reinstalled on the car). See figure 12.
12. Install the gasket ring onto the AFM as shown in figure 13.
13. Install the AFM into the Dinan lid using the supplied screws and rectangular washers. See figure 14.



Fig: 12



Fig: 13

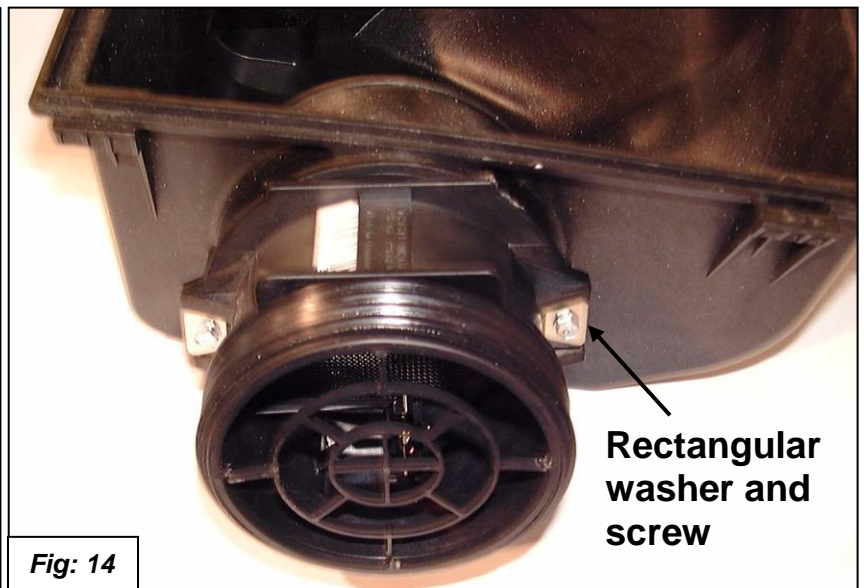


Fig: 14

Rectangular washer and screw

14. Install the filter onto the Dinan lid at a 97° angle and tighten clamp. See figure 15.
15. Install the Dinan lid assembly onto the car by inserting the AFM into the inlet hose. As you set the lid in place check to see that the air filter is centered in the base and not hitting on either side, adjust filter as needed. Secure the clips from the base to the lid.
16. Tighten the hose clamp around the AFM.
17. Connect the AFM wires to the AFM.
18. Enjoy!

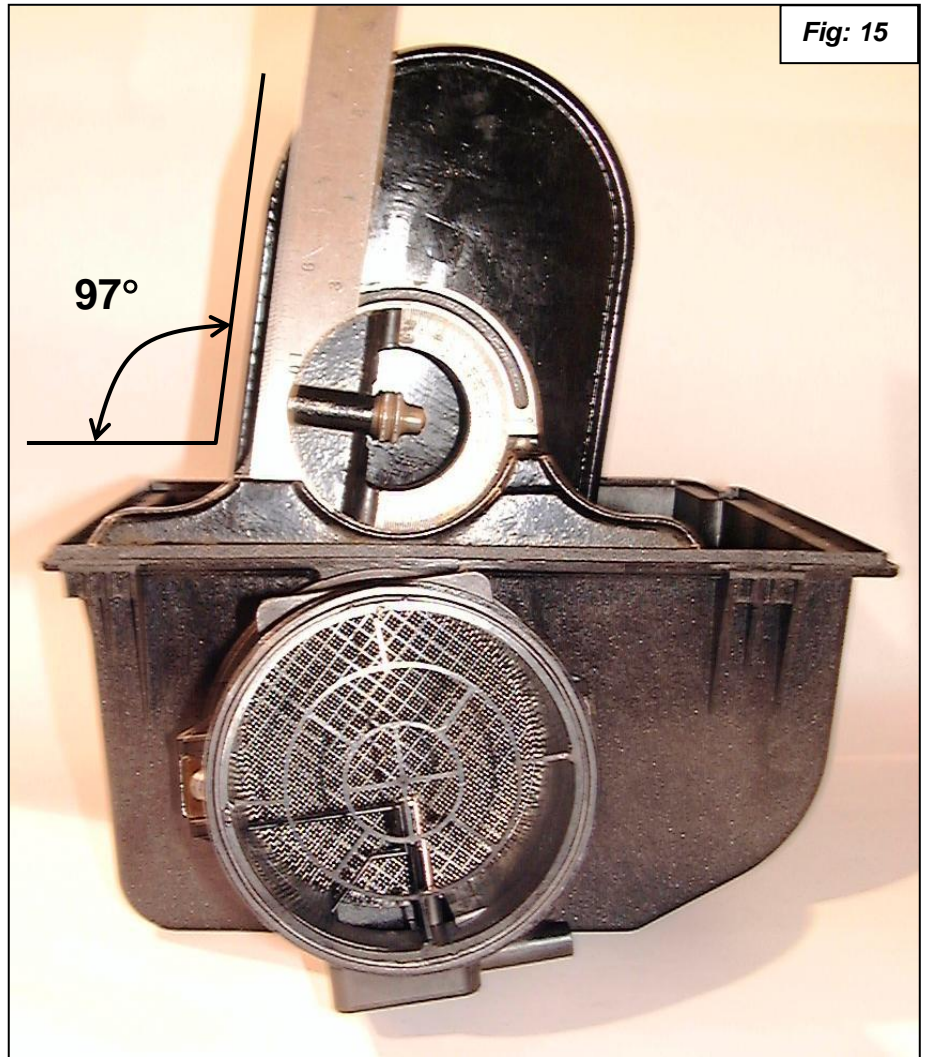


Fig: 15

FOR BEST PERFORMANCE, WE RECOMMEND THAT THIS INTAKE BE USED WITH THE APPROPRIATE DINAN PERFORMANCE SOFTWARE FOR YOUR VEHICLE. There are two methods to install the software:

- A Dinan Exclusive Dealer can download the software directly into your ECU. In this instance, you may proceed directly with the intake installation. Please contact your Dinan representative to locate the facility nearest you.
- You can send your ECU to Dinan for programming. Please contact your Dinan representative so that we may prepare for its arrival.

NOTE:

- We recommend replacing the air filter every 30,000 miles. The Dinan part number is D401-0001.