



**Part Number 57-0393**

**INSTALLATION INSTRUCTIONS**

**B.M.W. 316i E46 1.9L 4cyl 105bhp. Mar'99 - Jan02**

**B.M.W. 318i E46 1.9L 4cyl 118bhp. Sept'98 - Sept'01**

1. Unclip & remove the electrical harness plug from the Mass Air Sensor (MAS). (Fig. 1)
2. Unclip & remove the standard intake hose from the air box. (Fig. 2)
3. Separate the Manifold Absolute Pressure (MAP) from the air box. (Fig. 3)
4. Unclip & remove the air box lid assembly. (Fig. 4)
5. Unbolt and remove the air box base. (Fig. 5)
6. Unclip and remove the MAS from the air box lid.
7. Attach the "L" bracket to the saddle bracket using the countersunk bolt, conical washer, flat washer and nylock nut supplied. (Fig. 6)
8. Undo the dipstick mounting and attach the bracket assembly using the original bolt. (Fig. 7)
9. Fit the #44 hose clip supplied around the saddle bracket. Place the intake hose onto the saddle bracket assembly and fit the MAS into the intake hose. Firmly tighten the hose clip. (Fig. 8)
10. Reconnect the MAS electrical plug.
11. Secure the MAP to the mounting bracket on the inner wing. (Fig. 9)
12. Fit the rubber adaptor onto the MAS. (Fig. 10)
13. Fit the air filter onto the rubber adaptor and secure with the #64 hose clip supplied. (Fig.11)
14. Carefully expand the cold air hose and fit one end into the rubber scoop supplied.
15. Taking the necessary safety precautions as per manufacturers instructions elevate the front of the vehicle to gain access to the under tray, cut a hole 80mm x 80mm and pass the cold air hose through the under tray and up the front of the engine bay. Drill / pierce 2 holes in the lower front spoiler and secure the rubber scoop using the 2 self-tapping screws and 1 of the plastic ties supplied. (Fig. 12)
16. Position the end of the cold air hose approximately 10cm / 4" away from the air filter and secure the hose in place the using the remaining plastic ties supplied. (Fig. 13)

**Parts list:**

- 1 x Air Filter.
- 1 x #64 Hose Clip.
- 1 x Rubber Filter Adaptor
- 1 x Cold air hose
- 1 x Rubber scoop
- 1 x Literature Pack
- 1 x Fixing Kit: -
  - 1 x Powder Coated Bracket.
  - 1 x Saddle Bracket.
  - 1 x #44 Hose Clip.
  - 1 x Conical Washer.
  - 1 x Countersunk bolt.
  - 1 x M6 Nylock Nut.
  - 1 x Small Flat Washer.
  - 3 x Plastic Ties.
  - 2 x Self-Tapping Screws.

**\*WARNING:** Before starting the engine carry out a final fitment check of the K&N performance kit. It will be necessary for all intake systems to be checked periodically for realignment, clearance and tightening of all connections. Failure to follow the above instructions or proper maintenance may void warranty.



Fig. # 1



Fig. # 2



Fig. # 3



Fig. # 4



Fig. # 5



Fig. # 6



Fig. # 7



Fig. # 8



Fig. # 9



Fig. # 10



Fig. # 11



Fig. # 12



Fig. # 13

