

## INSTALLATION INSTRUCTIONS

## BMW Z3 M-Power 3.2L 24V 8CYL 321bhp 1997-06/2001

## BMW M3 3.0L 1992-2000

- 1. Unclip and remove the auxiliary air pipe from the air box. (Fig. 1)
- 2. Loosen the flexi intake hose clip from the Mass Air Sensor (MAS). (Fig. 2)
- 3. Unclip the electrical plug from the MAS. (Fig. 3)
- 4. Remove the M6 bolt securing the heat shield to the air box. (Fig. 4)
- 5. Undo the air box-mounting bobbin. (Fig. 5)
- 6. Carefully remove the complete air box from the vehicle. (Fig. 6)
- 7. Drill / pierce a 2.5mm hole in the corner of the heat shield and use the self tapping screw and small washer to fix the heat shield to the plastic fan cowling. (Fig. 7)
- 8. Fit the small breather filter into the auxiliary air pipe and secure with the #20 hose clip. (Do not over tighten the clip.) (Fig. 8)
- 9. Drill / pierce a 2.5mm hole in the rear edge of the heat shield and secure the auxiliary air pipe using the "P" clip, small self tapping screw and small washer supplied. (Fig. 9)
- 10. Carefully unbolt & remove the MAS from the air box lid. (Fig. 10)
- Attach the saddle bracket to the "Z" bracket using the Countersunk bolt, conical washer, flat 11. washer & Nvlock nut supplied.
- 12. Mount the "Z" bracket assembly to the original air box mounting bracket using the allen head bolt, nylock nut and two flat washers supplied. (Fig. 11)
- 13. Fit the rubber Air Filter adaptor onto the end of the MAS then fit the MAS back into the original intake hose and firmly tighten the original hose. (Fig.12)
- 14. Fit the Air Filter onto the rubber Air Filter adaptor and secure to the saddle bracket using the #80 hose clip supplied. (Fig. 13 & 14)
- 15. Reconnect the electrical plug to the MAS. (Fig. 15)
- 16. Carry out a final height / alignment check of the K&N induction kit, installation is now complete.

## Parts list:

Instruction Sheet No.A2054-439 (6.12.10)

- 1 x Air Filter element. 1 x #80 Hose Clip.
- 1 x Rubber Filter Adaptor.
- 1 x Literature pack.
- 1 x Breather Filter.
- 1 x Fixing Kit: -1 x Mounting Bracket.
  - 2 x M6 Nylock Nuts.
  - 1 x Allen Head Bolt.
  - 2 x Small Flat Washers.
  - 1 x Rubber Lined "P" Clip.
  - 3 x Medium Flat Washers. 2 x Self-Tapping Screws.
  - 1 x Saddle Bracket.
  - 1 x Conical Washer.
  - 1 x #20 Hose Clip.
  - 1 x Countersunk Bolt

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 the warranty

FILTER MAINTENANCE: K&N suggests checking the filter periodically for excessive dirt build-up When the element becomes covered in dirt (or once a year), service it according to the instructions on the Recharger service kit available from your K&N dealer, part number 99- 5003EU.

For cleaning instructions please visit our website www.knfilters.com/cleaning



Fig. # 1



Fig. # 5



Fig. # 9



Fig. # 13







Fig. # 10



Fig. # 14



Fig. # 7



Fig. # 15

Fig. # 4



Fig. # 8



For technical support contact our European technical team: "eindhoven.tech@knfilters.com" We will try to answer your mail within 48 hours. For UK technical enquiries contact R&D department at 01925-636950, Mon-Thu from 8:30 am to 5 pm. For other K&N products and / or more information about the K&N products

please visit our website: www.knfilters.com

Fig. # 3





