

**Part Number 57-0432****INSTALLATION INSTRUCTIONS****Volkswagen Beetle 1.8L 20v Turbo L4 150bhp 2001-2008**

1. Unclip & remove the electrical harness plug from the MAS (Mass Air Sensor). (Fig. 1)
2. Unclip & remove the air injection pump feed pipe from the side of the air box lid.(Fig. 2)
3. Unclip & remove the intake hose from the MAS. (Fig. 3)
4. Remove the 2 bolts securing the air box & carefully remove the complete air box assembly from the vehicle. (Fig. 4&5)
5. Carefully unscrew & remove the MAS from the air box lid. (Fig. 6)
6. Assemble the saddle bracket / mounting bracket using the hardware supplied. (Fig. 7)
7. Unbolt & remove the rear gearbox-mounting bolt. Position the 2 large flat washers either side of the large hole on the new mounting bracket & secure the bracket to the gearbox mounting using the original bolt. (Fig. 8)
8. Place the intake hose in the saddle bracket assembly, refit the MAS to the intake hose & secure using the #48 clip supplied. (Ensure a air tight seal between the MAS & intake hose) (Fig. 9)
9. Reconnect the electrical harness plug to the MAS, rotate the MAS to give sufficient clearance between the harness plug & bulkhead. (Fig.10)
10. Fit the rubber filter adapter onto the MAS. (Fig.11)
11. Fit the Air filter onto the filter adapter & tighten the clip supplied. (Fig.12)
12. Align the induction system to give Max. Clearance between the intake pipe / MAS & bulkhead.
13. Firmly grip the clip end of the pump feed pipe & twist while pulling until the clip end separates from the pipe. (it may be necessary to warm the pipe end with a heat gun / hair drier to aid in removal of the clip end, ensure all safety precautions are taken when carrying out this operation). (Fig.13)
14. Push the small breather filter into the end of the air pump feed pipe & secure with the #16 hose clip supplied. (Fig.14)
15. Secure the pipe / filter breather to the battery lead using a plastic tie supplied. (Fig.15)
16. Carry out a final check of the height/alignment of the K&N induction system before starting the engine. Installation is now complete.

**Parts list:**

- 1 x [Air filter Element](#).
- 1 x Rubber Filter Adaptor.
- 1 x Breather Filter.
- 1 x Literature Pack.
- 1 x Fixing Kit :-
  - 1 x M6 Nylock Nut.
  - 1 x Small Flat Washer.
  - 1 x Conical Nylon Washer.
  - 1 x C'sunk Bolt.
  - 1 x Saddle Bracket.
  - 1 x Mounting Bracket.
  - 1 x Plastic Tie.
  - 1 x #16 Hose Clip.
  - 1 x #48 Hose Clips.
  - 1 x #64 Hose Clip.
  - 2 x Large Flat Washers.

**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.



Fig. # 1



Fig. # 2



Fig. # 3



Fig. # 4



Fig. # 5



Fig. # 6



Fig. # 7



Fig. # 8



Fig. # 9



Fig. # 10



Fig. # 11



Fig. # 12



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## **INSTALLATION INSTRUCTIONS**



Fig. # 13



Fig. # 14



Fig. # 15