



Part Number 57-0148 INSTALLATION INSTRUCTIONS

BMW 316i 1.6L 8v OHC 102bhp (E36 models) 1991-1999

1. Disconnect the negative terminal from the battery.
2. Unclip & remove the electrical harness plug from the AFM (Air Flow Meter). (Fig. 1)
3. Unclip & remove the intake hose from the AFM. (Fig. 2&3)
4. Unclip & remove the air box lid assembly from the air box base. (Fig. 4)
5. Remove the nuts securing the air box base to the inner wing & remove from the vehicle. (Fig. 5&6)
6. From inside the air box lid remove the nuts securing the AFM to the lid. Carefully remove the AFM from the air box lid. (Fig. 7&8)
7. Remove the 4 studs from the AFM (this can be achieved by firmly locking two nuts together on the stud using two 10mm spanners. Remove the stud by unscrewing the lower nut). (Fig. 9, 10&11)
8. Fit the new plastic filter adaptor / cork gasket to the AFM & secure using the 4 hex head screws washers supplied. (Fig. 12)
9. Fit the new air filter to the plastic filter adaptor & secure using #48 hose clamp supplied. (Fig.13&14)
10. Remove the two bolts securing the black canister to the suspension turret. (Fig.15)
11. Using the two long M6 bolts / washers supplied fit the new mounting bracket & nylon spacers to the black canister. (Fig.16)
12. Secure the black canister / mounting bracket assembly to the original point & secure using the long M6 bolts as shown. (Fig.17)
13. Refit the AFM / air filter assembly to the original intake hose & secure using the original hose clamp. (Fig.18&19)
14. Secure the AFM to the mounting bracket using the M8 bolt supplied. (Fig.20)
15. Reconnect the electrical harness plug to the MAS. (Fig.21)
16. Carefully expand the flexi cold air hose & feed the hose down to the lower spoiler. Secure the hose to the lower spoiler / plastic trim using the plastic ties supplied. (Fig.22)
17. Position the other end of the cold air hose to finish approx. 4" / 10cm from the air filter & secure in position using a plastic tie supplied. (Fig. 23)
18. Reconnect the negative battery terminal.
19. 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
- 1 x Flexi Cold Air Hose.
- 1 x Literature Pack.

Fixing Kit :-

- 1 x M8 Hex Head Bolt.
- 1 x AFM Round Adaptor.
- 1 x Cork Gasket.
- 4 x Hexhead Screws & washers
- 2 x M6 Hex Head Bolt.
- 2 x 6mm Shakeproof Washers
- 2 x Nylon Spacers.
- 3 x Long Plastic Tie.
- 1 x #48 Hose Clamp.
- 1 x Mounting Bracket.

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.



Fig. # 1



Fig. # 2



Fig. # 3



Fig. # 4



Fig. # 5



Fig. # 6



Fig. # 7



Fig. # 8

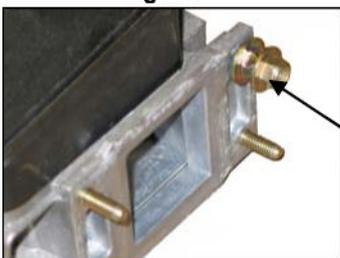


Fig. # 9



Fig. # 10



Fig. # 11



Fig. # 12



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Fig. # 13



Fig. # 14



Fig. # 15



Fig. # 16

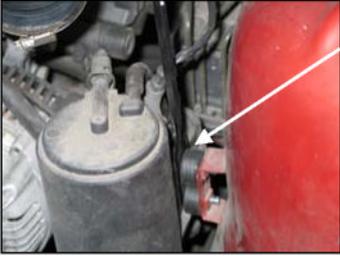


Fig. # 17



Fig. # 18



Fig. # 19



Fig. # 20



Fig. # 21



Fig. # 22



Fig. # 23