

INSTALLATION INSTRUCTIONS

57i-1000

BMW 323i / 328i

6cyl. 24v DOHC

1998-2003

Parts list:-

- 1 x Filtercharger Element.
- 1 x #64 Hose Clip.
- 1 x Rubber Filter Adaptor
- 1 x Heat Shield.
- 1 x Heat Shield Edge Trim.
- 1 x Plastic Intake Pipe.
- 1 x Silicone Adaptor Hose.

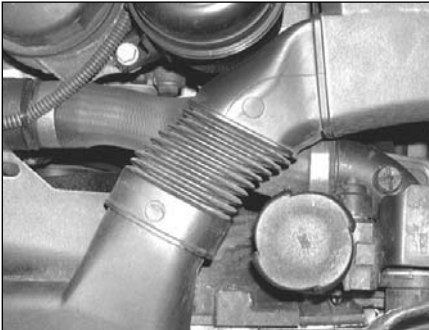
1 x Fixing Kit :-

- 2 x #48 Hose Clips.
- 2 x Studded Mountings.
- 5 x M6 Nylock Nuts.
- 6 x Small Flat Washers.
- 1 x Vent Adaptor.
- 1 x M6 Bolt.
- 1 x Long 'L' Bracket.
- 1 x Short 'L' Bracket.
- 1 x Rubber Breather Hose.

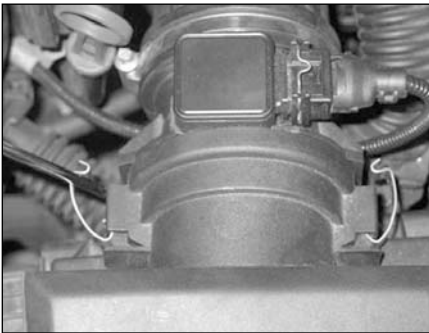
***WARNING:** Before starting the engine carry out a final fitment check of the K&N performance kit. It will be necessary for all intake systems to be checked periodically for realignment, clearance and tightening of all connections. Failure to follow the above instructions or proper maintenance may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

TO START:

1. Turn the ignition OFF and disconnect the vehicle's negative battery cable.



2. Remove the flexi intake pipe between the air box lid & intake scoop.



3. Unclip & remove the MAS (Mass Air Sensor) from the air box lid.



4. Unclip the wiring loom from the air box.



5. Remove the 2 bolts from the inner wing & remove the air box assembly from the vehicle.



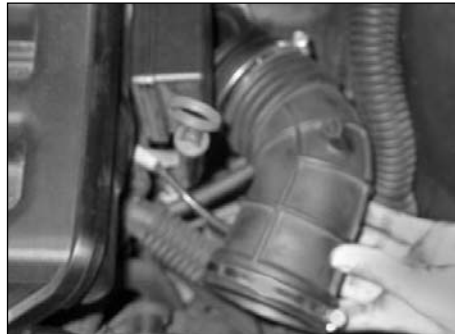
6. Remove the electrical harness plug from the MAS.



7. Carefully unclip & remove the MAS from the rubber intake hose.



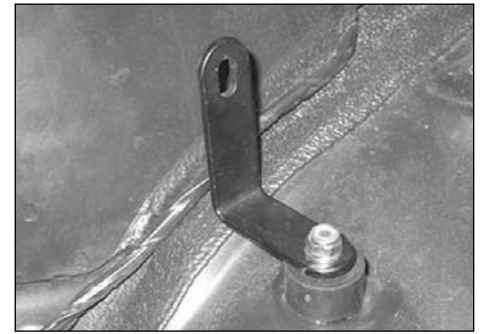
8. Remove the plastic feed pipe from the top of the intake hose.



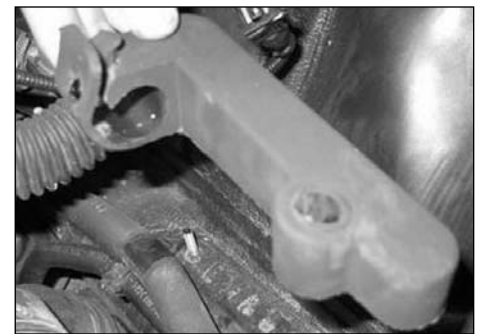
9. Unclip & remove the intake hose & plastic sleeve from the throttle intake hose.



10. Join the MAS to the new plastic intake pipe using the silicone hose & #48 clips supplied. Fit the rubber filter adaptor to the other end of the MAS. Screw the vent adaptor into the threaded hole in the side of the new intake tube.



11. Fit the short bracket to the original air box mounting hole on the inner wing using a studded mounting, nylock nut & washers supplied.



12. Remove the rubber mounting trim from the studs on the chassis leg.



13. Fit the long bracket to the rear stud using a nylock nut & washer supplied.



14. Fit the plastic intake assembly to the throttle intake hose using the original hose clip.



15. Join the plastic feed pipe to the vent adaptor using the short hose supplied.



16. Reconnect the harness plug to the MAS.



17. Clip the edge trim to the outside of the heat shield (cut any excess trim). Fit the heat shield to the intake pipe assembly; ensure the rubber adapter lip sits up against the shield.



18. Attach the long bracket to the lower mounting hole in the heat shield using a studded mounting, nylock nuts & washers.



19. Attach the short bracket to the upper mounting hole in the heat shield using a bolt, nylock nut & washers supplied.



20. Fit the new Filtercharger to the intake pipe / rubber adaptor, ensure the filter sits flush with the heat shield and fully tighten the #64 clip.

21. Reconnect the negative terminal to the vehicle battery.



22. Carry out a final check of the alignment / fitment of the K&N induction system, ensuring that all clips etc are tight before starting the engine. Installation is now complete.

23. It will be necessary for all 57i kits to be checked periodically for realignment, clearance and tightening of all connections. Failure to follow the above instructions or proper maintenance may void warranty.

ROAD TESTING:

1. Start the engine with the transmission in neutral or park, and the parking brake engaged. Listen for air leaks or odd noises. For air leaks secure hoses and connections. For odd noises, find cause and repair before proceeding. This kit will function identically to the factory system except for being louder and much more responsive.

2. Test drive the vehicle. Listen for odd noises or rattles and fix as necessary.

3. If road test is fine, you can now enjoy the added power and performance from your kit.

4. K&N suggests checking the Filtercharger element 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, part number 99-5000 or 99-5050, which can be purchased at your local K&N stockist'.