

INSTALLATION INSTRUCTIONS

57i-7503

MG ZS 180

2.5L V6 175bhp June '01...

Parts list:

- 1 x Filtercharger Element.
- 1 x Rubber Filter Adaptor.
- 1 x Silicone Hose Adaptor.
- 1 x Flexi Cold Air Hose.
- 1 x Plastic Intake Pipe.
- 1 x Heat Shield.
- 1 x Literature Pack.

1 x Fixing Kit :-

- 1 x #64 Hose Clip.
- 2 x #48 Hose Clip.
- 2 x M6 Nylock Nuts.
- 2 x 5/16" Nuts.
- 2 x Small Flat Washers.
- 1 x Small M8 Washer
- 1 x Large M8 Washer
- 1 x Plastic Elbow Adaptor.
- 3 x Plastic Ties.
- 1 x Studded Rubber Mount.
- 1 x Silicon Breather Hose.
- 2 x Allen Head Bolts.
- 1 x Edge Trim.
- 2 x Nylon Spacer Washers

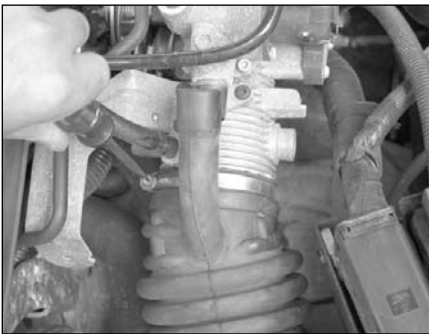
***WARNING:** Before starting the engine carry out a final fitment check of the K&N performance kit. It will be necessary for all intake systems to be checked periodically for realignment, clearance and tightening of all connections. Failure to follow the above instructions or proper maintenance may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

TO START:

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



2. Remove the breather hose on the throttle housing.



3. Unclip the intake hose from the throttle housing.



4. Remove the two bolts securing the air box assembly to the slam panel.



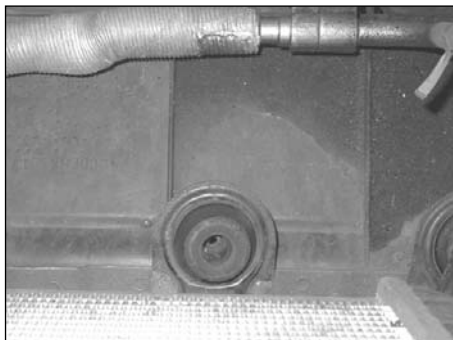
5. Remove the intake hose from the throttle housing.



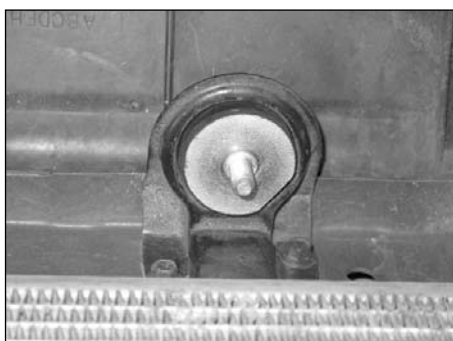
6. Carefully pull the air box assembly out of its mounting grommets & remove the assembly from the vehicle.



7. Carefully remove the original air box feed pipe from the vehicle.



8. Remove the rubber air box mounting grommet from the lower mounting.



9. Fit the new studded rubber mounting to the lower air box mounting using a M8 nylock nut & large M8 flat washer supplied.



10. Clip the edge trim seal to the outside edge of the heat shield as shown (trim any excess seal).



11. Offer the new heat shield to the vehicle. Locate the shield lower hole onto the studded mount, secure using the M8 nylock nut & small M8 flat washer supplied.

12. Place the two nylon spacers between the top of the heat shield & the slam panel ensuring alignment with the shield upper holes.



13. Secure the top of heat shield to the slam panel using the allen head bolts & small flat washers supplied.

14. Taking all the necessary safety precautions as per manufacturers instructions raise the front of the vehicle.



15. Carefully expand the flexi cold air hose & feed the hose down to the lower spoiler. Secure the cold air hose to the spoiler using a plastic tie supplied.



16. Position the top of the cold air hose next to the heat shield & secure the hose to the coolant hose using a plastic tie supplied.



17. Assemble the filtercharger, rubber filter adaptor, plastic intake pipe & silicone adaptor hose using the hose clips supplied as shown.



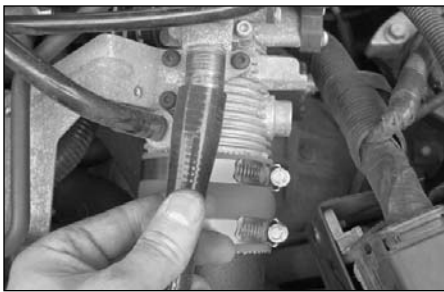
18. Screw the plastic elbow vent adaptor into the plastic intake pipe as shown.



19. Fit the filtercharger assembly to the throttle housing. Ensure sufficient clearance from the coolant hose.



20. Secure the intake pipe using the hose #48 hose clip supplied.

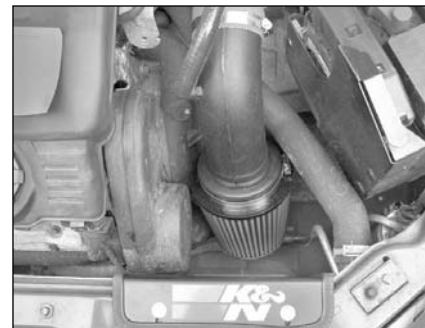


21. Fit the new silicone breather hose to the breather pipe located on the throttle housing.



22. Fit the other end of the silicone breather hose to the vent adaptor located on the new intake pipe.

23. Reconnect the negative terminal to the vehicle battery.



23. 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.

24. 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'.