

INSTALLATION INSTRUCTIONS

57i-7000

Vauxhall

Astra

February 1998 on...

1.6L 16v Dohc 99Bhp

Parts list:

- 1 x Filtercharger Element.
- 1 x #72 Hose Clip.
- 1 x Rubber Filter Adaptor.
- 1 x Stepped Rubber Adaptor.
- 1 x Heat Shield.
- 1 x Heat Shield Edge Trim.
- 1 x Plastic Intake Pipe.

1 x Fixing Kit :-

- 1 x Grommet.
- 1 x Nylon Spacer.
- 1 x #40 Hose Clamp.
- 1 x #52 Hose Clamp.
- 1 x M6 Nylock Nuts.
- 1 x Allen Head Bolt.
- 2 x Small Flat Washers.
- 1 x Plastic Ties.
- 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 warranty.

TO START:

1. Disconnect the negative terminal from the vehicle's battery.



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



3. Unclip & remove the harness plug from the air temp sensor, carefully remove the sensor from the intake pipe.



4. Unclip the CFSV (Carbon Filter Solenoid Valve) from the top of the air box lid.



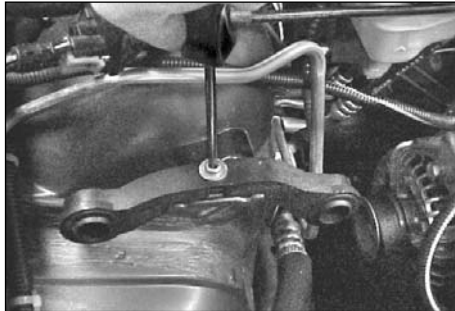
5. Unclip & remove the intake pipe from the air box lid.



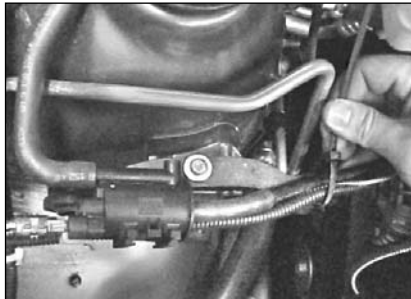
6. Remove the torx head screw securing the upper air box-mounting bracket.



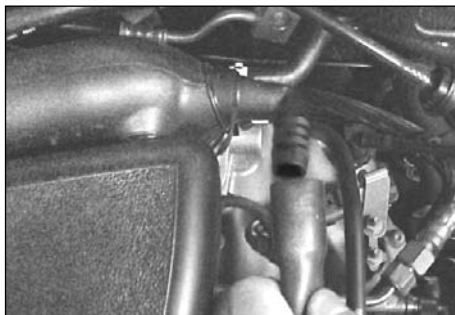
7. Slide the air box out of the lower mounting & carefully remove the complete air box from the vehicle.



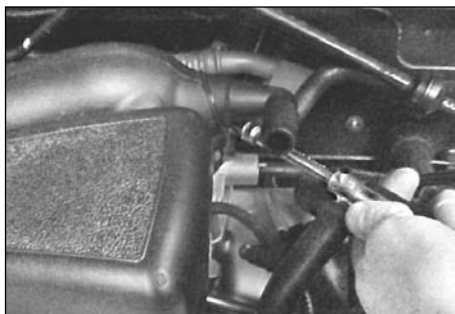
8. Refit the upper air box-mounting bracket & secure with the original screw.



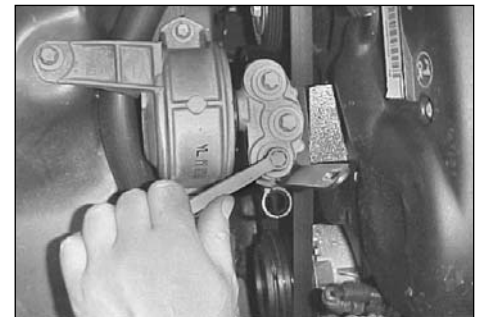
9. Secure the CFSV & any harnesses to the bracket using the plastic ties supplied.



10. Unclip & remove the engine breather hose from the side of the intake pipe.



11. Unclip & remove the intake pipe from the throttle housing.



12. Remove the front bolt from the side engine mounting.



13. Secure the new mounting bracket to the engine mounting using the original bolt.



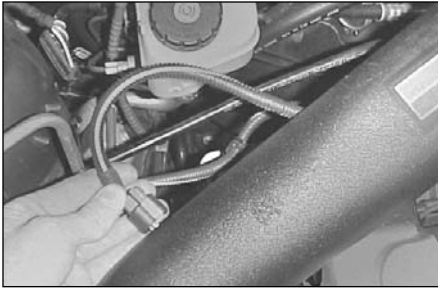
14. Fit the stepped rubber adaptor to the new plastic intake pipe using a #52 hose clamp supplied.



15. Attach the intake pipe/adaptor to the throttle housing using the #48 hose clamp supplied.



16. Fit the engine breather hose to the intake pipe using the original hose clamp.



17. Fit the new grommet to the hole in the side of the intake pipe. Carefully insert the air temp sensor into the hole, reconnect the harness plug.

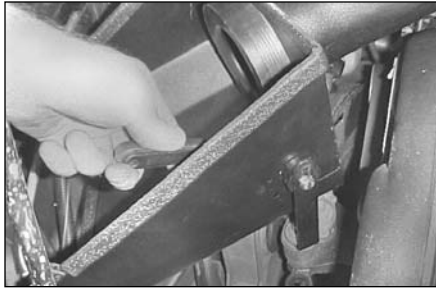


18. Fit the rubber filter adaptor to the end of the intake pipe.

19. Clip the edge trim to the outside edge of the heat shield, cut away any excess trim.



20. Fit the heat shield to the intake pipe assembly, ensure the rubber adapter lip sits up against the shield.



21. Attach the bracket to the mounting hole in the side of the heat shield using the nylon spacer, allen head bolt, nylock nut & washers supplied.



22. Fit the new Filtercharger to the intake pipe/filter adaptor, ensure the filter sits flush with the heat shield, fully tighten the #72 hose clamp supplied.

23. Reconnect the vehicle's negative battery cable. Double check to make sure everything is tight and properly positioned before starting the vehicle.

24. 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.

25. It will be necessary for all FIPK's 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'.