



Instruction Sheet No.A2054-420

FILTER CHARGER®

INJECTION PERFORMANCE KIT

Part Number 57-0392 INSTALLATION INSTRUCTIONS

Vauxhall VX 220, 2.2L 16v, 147 Bhp, August 2000 On...

1. Unclip and disconnect the flexi intake pipe from the air box lid.
2. Unclip and remove the air box lid. (Fig. 1)
3. Taking the necessary safety precautions as per manufacturers instructions raise the right hand rear of the vehicle and remove the rear wheel, undo the six screws and remove the wheel arch liner from the vehicle. (Fig. 2)
4. Undo the two mounting bolts and remove the air box base from the vehicle. (Fig.3)
5. Unclip the electrical plug from the air temp sensor on the intake pipe. (Fig.4)
6. Unclip and remove the breather hose and small vacuum style hose from the intake pipe. (Fig.5 & 6)
7. Unclip & remove the intake hose from the vehicle.
8. Fit the filtercharger assembly together as shown using the filtercharger, 2 metal adaptors, silicon adaptor and hose clips supplied. Assemble the saddle bracket and "L" bracket using the countersunk bolt, conical washer, flat washer and nylock nut supplied. Attach the saddle bracket to the #48 hose clip on the filtercharger assembly and firmly tighten.
9. Fit the filtercharger assembly into the original intake pipe as shown and secure using the original hose clip. (Fig. 7)
10. Feed the filter under the right hand rear wing, refit the intake pipe onto the throttle housing and firmly tighten the clip.
11. Reconnect the engine breather hose, vacuum style hose and air temp sensor electrical plug to the intake pipe.
12. Mount the "L" bracket onto the original bolt on the coolant reservoir support frame and firmly tighten. (Fig. 8)
13. Fit the two-holed washer to the right hand air box mounting using the Allen head bolt, flat washer and nylock nut supplied.
14. Carefully expand the flexi cold air hose and pierce 2 holes in one of the plastic ends, secure the pierced end of the hose to the right hand rear grill using 2 of the plastic ties supplied as shown. (Fig. 9)
15. Secure the cold air hose to the free hole on the flat washer using the plastic tie supplied and direct the end of the hose to finish approximately 10cm / 4" away from the filtercharger. (Fig. 10)
16. Carry out a final check of the kit fitment before replacing the wheel arch liner and wheel. Installation is now complete.

Parts list:

- 1 x Filtercharger
- 1 x #72 Hose Clip.
- 1 x Metal Tube.
- 1 x Cold Air Hose.
- 1 x aluminum Adaptor.
- 1 x Silicon Adaptor.
- 1 x literature Pack
- 1 x Fixing Kit: -
 - 1 x Saddle Bracket.
 - 1 x Black "L" Bracket.
 - 2 x Flat Metal Washer.
 - 2 x Nylock Nut.
 - 1 x Black Conical Washer.
 - 1 x Countersunk Bolt.
 - 3 x Long Plastic Ties.
 - 1 x #44 Hose Clip.
 - 1 x #48 Hose Clip
 - 1 x Allen Bolt
 - 1 x Flat 2 Holed Washer

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



FILTER CHARGER®

INJECTION PERFORMANCE KIT