

INSTALLATION INSTRUCTIONS

57i-6508

Renault Clio

1.6L 16v 110Bhp

March '99 - Apr'01

Parts list:

1 x Filtercharger Element.
 1 x #64 Hose Clip (Filter).
 1 x Rubber Filter Adaptor.
 1 x Silicone Adaptor Hose.
 1 x Heat Shield.
 1 x Heat Shield Edge Trim.
 1 x Plastic Intake Pipe.
 1 x Flexi Cold Air Hose Assembly.
 1 x Literature Pack.

1 x Fixing Kit :-

2 x #48 Hose Clip.
 3 x #12 Mini Hose Clip.
 8 x #8 Mini Hose Clip.
 2 x Allen Head Bolts.
 2 x M6 Nylock Nuts.
 4 x Small Flat Washers.
 1 x Nylon Spacer Washer.
 6 x Long Plastic Ties.
 1 x Mounting Bracket.
 1 x 'P' Clip.
 1 x 3/4"ID x 3"L Breather Hose.
 1 x 5/8"ID x 3"L Breather Hose.
 1 x 1/2"ID x 20"L 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. Unclip the rubber band securing the resonator box / intake hose.



3. Unclip & remove the intake hose / scoop from the side air deflector.



4. Remove the resonator box assembly from the vehicle. Unbolt & remove the intake hose support frame from the engine lift bracket.



5. Remove the two torx screws securing the top of the air filter housing, unclip & carefully remove the filter / housing assembly from the vehicle.



6. Unclip & remove the rubber hose & electrical harness plug from the IRV (Idle Control Valve) located on the side of the air box assembly.



7. Remove the 2 nuts securing the coolant reservoir. Reposition the reservoir to allow sufficient clearance for carrying out instruction #9.



8. Remove the 2 torx head bolts securing the air box assembly.



9. Pull the air box from the throttle housing & carefully maneuver the air box from the vehicle.

10. Refit the coolant reservoir to its original position & re-secure using the original nuts.



11. Carefully unclip & remove the coolant hose located between the coolant reservoir & thermostat housing (ensure that the cooling system is fully cold & depressurized before carrying out this operation).



12. Fit the new long silicone hose between the coolant reservoir & thermostat housing using the #8 hose clips supplied.



13. Secure the hose to the threaded hole on the side of the engine using the 'P' clip, allen head bolt & flat washer supplied.



14. Remove the 'P' clip securing the PAS (Power Assisted Steering) hose to the engine & rotate the 'P' clip 180 degrees. Feed approx. 2" of the hose through the 'P' clip & re-secure to the engine.



15. Secure the PAS hose to the coolant hose using a plastic tie supplied.



16. Fit the new mounting bracket to the engine lift bracket lower mounting hole using the original bolt.



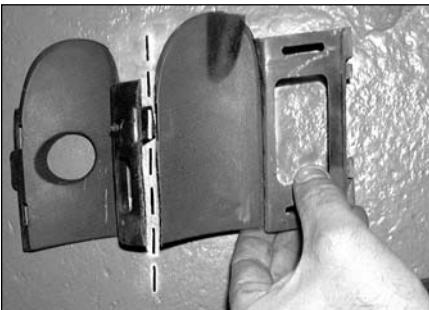
17. Clip the edge trim seal to the outside edge of the heat shield as shown (trim any excess seal).



18. Secure the heat shield to the mounting bracket using a allen head bolt, nylock nut & washers supplied.



19. Pierce/drill two holes in the top of the flexi cold air hose to match the holes in the bottom of the heat shield. Attach the flexi hose to the hole in the bottom of the heat shield using 2 plastic ties supplied.



20. Taking the necessary safety precautions as per manufacturers instructions raise the front of the vehicle. Unclip & remove the plastic blanking trim from the L/H lower grille. Carefully cut the trim along the dotted line as shown & refit the upper section to the grille.



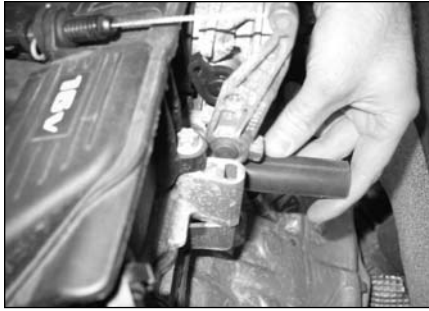
21. Feed the flexi cold air hose into the L/H lower grille, secure the hose to the grille using the plastic ties supplied. Secure the hose to the arch liner using a plastic tie supplied.



22. Assemble the new intake pipe using the silicone hose adaptor, rubber filter adaptor, filtercharger & hose clips supplied.



23. Remove the rubber 'O' ring seal from around the throttle housing.



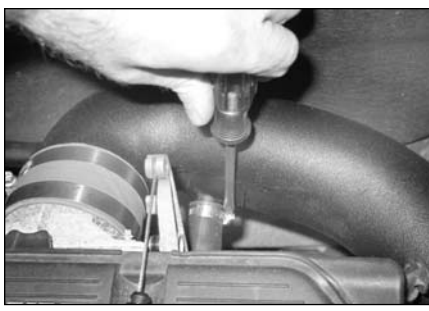
24. Fit the new 5/8"ID x 3"L silicone hose to the breather pipe located just below the throttle housing using a #8 hose clip supplied.



25. Position the new intake assembly to the throttle housing; slide the new silicone hose onto the breather pipe located on the new intake tube.



26. Fit the silicone adaptor hose / intake pipe to the throttle housing & secure using the #48 hose clip supplied.



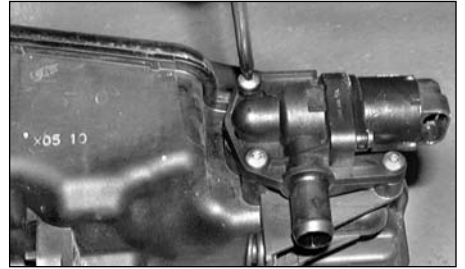
27. Secure the silicone breather hose using a #8 hose clip as shown.



28. Fit the studded lid of the filtercharger to the slotted hole in the front of the heat shield using the plastic spacer supplied.



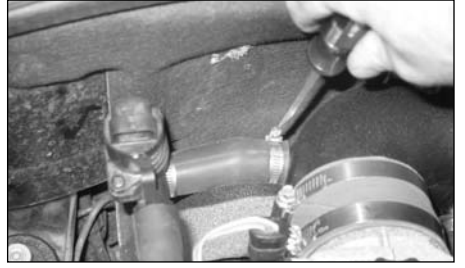
29. Set the height of the filtercharger on the slotted hole, then secure using a nylock nut & washer supplied.



30. Carefully unscrew & remove the IRV from the side of the air box.



31. Fit the new 3/4"ID x 3"L silicone hose to the IRV using a #10 hose clip supplied.



32. Refit the IRV to the original feed hose. Join the IRV / silicone hose to the new intake pipe using a #10 hose clip supplied.



33. Reconnect the electrical harness plug to the IRV

34. Reconnect the negative terminal to the vehicle battery.

35. Carry out a final check of the height / alignment of the K&N induction system 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'.