

LS1 V8 5.7 HIGH PERFORMANCE AIR FILTER KIT INDUCTION

TO SUIT COMMODORE VT-VY V8.

- 1 Turn off ignition and disconnect the negative battery cable.
- 2 Remove the top radiator trim cover from the vehicle by lifting the center pin of the round holding clips. Lift the cover from the support panel brackets. Remove the top engine cover if necessary.



- 3 Remove the air temperature plug from the intake pipe and put aside. Unplug the air sensor wiring loom from the air flow meter and put aside.
- 4 Remove intake tube by loosening the clamps of both the throttle body and air flow meter and remove from vehicle.



- 5 Release radiator reservoir from its mounting and put it towards rear of guard.



- 6 Remove the air box from vehicle including air box mounting stud. This will be used at a later stage. Take off the air flow meter from air box and put aside to refit later.



- 7 Re-install the radiator reservoir.
- 8 Mount the bracket "a" provided with the 10mm thread bolt to the hole in the cylinder head next to the temperature sensor and do not tighten at this stage



- 9 Install the large 102mm silicone pipe to the throttle body and only secure the silicone pipe with the inner clamp.



- 10** Before installing the intake tube to the throttle body fit the 8mm bolt to the aluminium plug on the intake tube but do not tighten.



Fit intake tube to throttle body ensuring that the 8mm bolt is slotted into the bracket "a" but do not tighten at this stage.

- 11** For easier fitting of the filter to the intake tube. Attach and clamp the filter to the airflow meter and place it to the corner of the inner guard before fitting the heatshield to the vehicle. Do not attach the filter to the intake tube at this stage.



- 12** Install the heatshield provided by using the "u" shape bracket. A special rubber grommet with threads inside is supplied. Insert this bolt into the inner guard hole and secure this bracket with the bolt supplied. Fit the heatshield to the guard by bolting the top of the heatshield to the "u" shape bracket with the bolt and nut supplied. Use the mounting stud removed from point "6" to secure the bottom of the heatshield to the mudguard or use the bolt and nut supplied.



- 13** Fit the remaining silicone pipe with clamps to the intake air tube. Align the air filter to the intake tube and the intake tube to throttle body and tighten all clamps securely with the exception of the second clamp on the throttle body.



- 14** Ensure that the correct clearance is obtained between the airflow meter and the heatshield. Tighten the 8mm bolt under the intake tube and the bolt on the cylinder head. Tighten throttle body clamp.



- 15** Plug the air temperature and air flow meter sensor. Re-install the radiator trim cover and connect battery cable.

- 16** A heatshield cover has been supplied for keeping the heat away from the filter. Fit and cut to size the provided rubber seal to the straight side of cover and install the cover to the heatshield with bolts provided. Extra rubber seal enclosed.



- 17** Before starting the car ensure that the above procedures are carefully checked. Re-connect negative battery cable. Start vehicle ensuring the car is in neutral gear. Test vehicle and listen for any air leaks.

- 18** Note : the front radiator cover trim might need to have 8mm cut so that the intake pipe does not rub on to it. This is purely a personal choice as by leaving the cover uncut will not cause loss of performance or damages to the vehicle.

Important: periodically we recommend that all connections are checked, ensure that all bolts and clamps are tightened and clearances are re-aligned.

PARTS LIST



(A) Engine Bracket



(B) Heatshield Bracket & Bolts



(C) Air Intake Tube



(D) Heat Shield



Clamps



Silicon Connectors



Rubber Seal



Heatshield Cover



Air Filter

Please note: cleaning is a simple task. All you have to do is wash in warm soapy water and allow to completely dry.