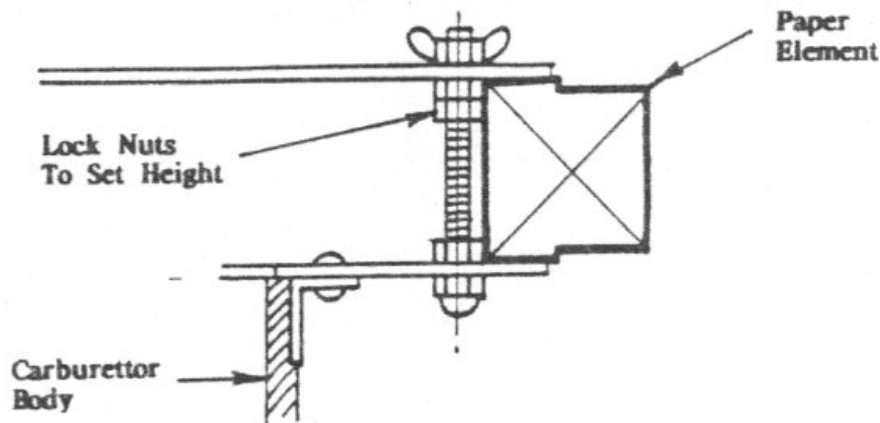


From Tony Taylor:

A Pancake Air Filter Using an Easily-obtainable Element

F.O.41

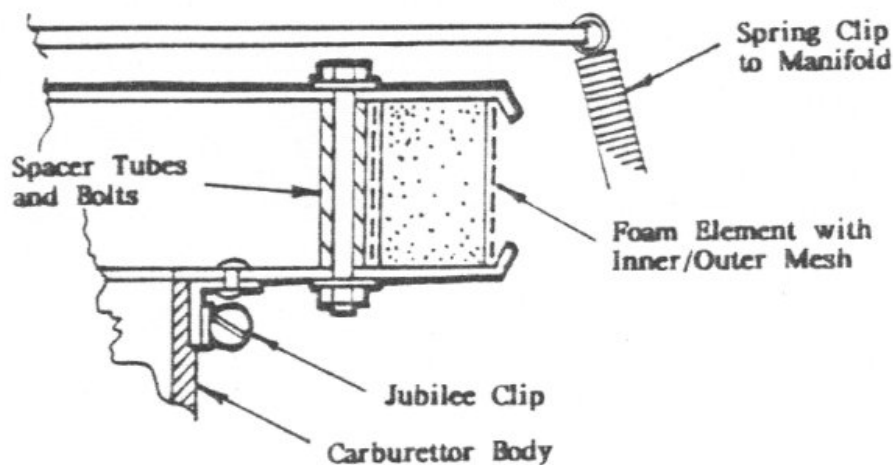
Below is a diagram of the pancake air filter that I made for my Citroën Special. I used a standard, round paper element (intended for a Ford Escort), sandwiched between two 1/16" alloy discs and held together with six 2BA studs. The Ford Escort paper element is easily and cheaply available. My Special has a closed body, and the increased intake roar was quite noticable with this set-up. I therefore went on to build a more complicated filter box to cut down the noise. However, in an open car the extra noise would probably not be audible above the wind rush.



From David Ferraby:

A D.I.Y. Air Cleaner

F.O.41



I made my own air cleaner for the twin-choke oval carb as follows: cut two pieces of aluminium about 3/8" larger diameter than you want the finished article. Tap the edge down all round both pieces. Drill five holes about 1" from the edge (72° apart). Cut oval hole in bottom disc to match carb., and rivet about six right-angle pieces of alloy to position the disc on the carb. Cut expanded alloy to the circumference of the bolt holes and outer circuit. Fill the space with foam (about 1" wide) between inner and outer pieces of expanded alloy. Glue five alloy tubes, equal length and about 1 1/4" high, over the holes on bottom disc. Bolt together. Fit a Jubilee clip round the angle pieces outside the carb mouth, and make sure it doesn't come off. Fit a spring loaded strip across the top and just fasten to the inlet tube and heater pipe. Total cost about 50p !

I have tried to use as much of the original Dyane in my Lomax 223 as possible. Many people said that you couldn't fit the Dyane aircleaner under the Lomax hood. No bother in actual fact. A bracket was made up and bolted to the scuttle on the starboard side. The original aircleaner snuggles in under the hood being connected to the carburettor via a Ford tractor coolant hose, a modified Lomax GRP inlet moulding and some short lengths of aluminium TV aerial tube. A secondary smaller diameter rubber hose connects from the engine breather to the aircleaner as per original plumbing. 1037 miles since fitted and no problems.

Many thanks for a fine magazine

Best Regards Phil Sheaf

Membership # 874J