

NOTES ON FUEL SYSTEM

The MGB fuel system comprises the fuel tank, suction filter, pump, delivery filter and carburettor.

Figure 1 below shows the fuel pump and suction filter (A) located under the rear right chassis member next to the suspension damper (B).

The pump is a new German "Hardi" electronic pump operating on the same principle (diaphragm) as the original SU unit except that there are no contact points susceptible to arcing and wear.

Before removing either the filter or pump, the suction line should be clamped at position "C" using one of the clamps shown in Figure 2.

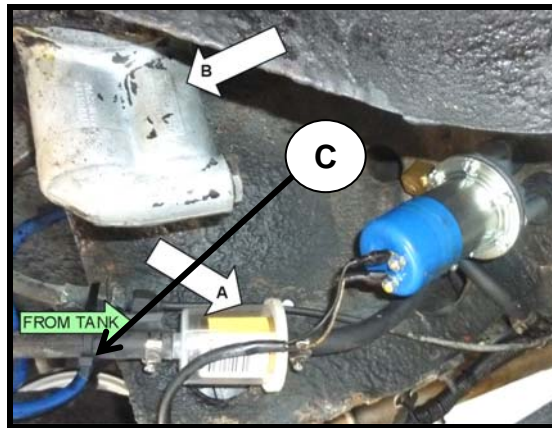


Figure 1 – Pump and filter



Figure 2 – Fuel line clamp

Figure 3 below shows the fuel line into the carburettor bowl(s) (D) and the overflow pipes (E).

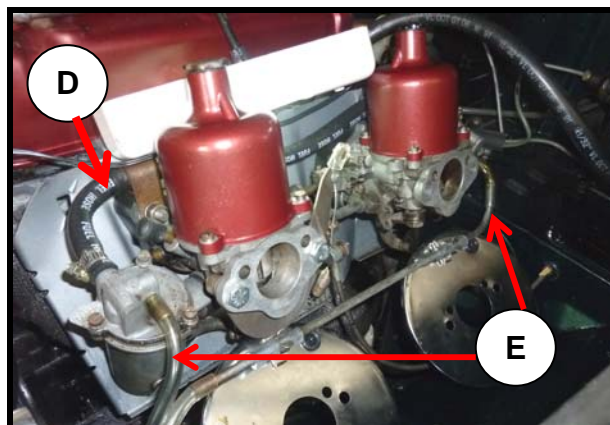


Figure 3 – Fuel supply and overflow

The old fuel pump is kept in the spares bin and may be reconditioned by replacement of the contact points and diaphragm, both available on line (Ebay).

A paper detailing the overhaul procedures is within the electronic records of the car.

A new steel fuel line installed between the fuel pump and the front filter as per Figure 4 below.



Figure 4 – Front Fuel Filter

Note the part number on the SU carb – AUD 492 R, being the rear carburettor and AUD 492 F being the Front carburettor.



Figure 5 – Carb ID – AUD 492F