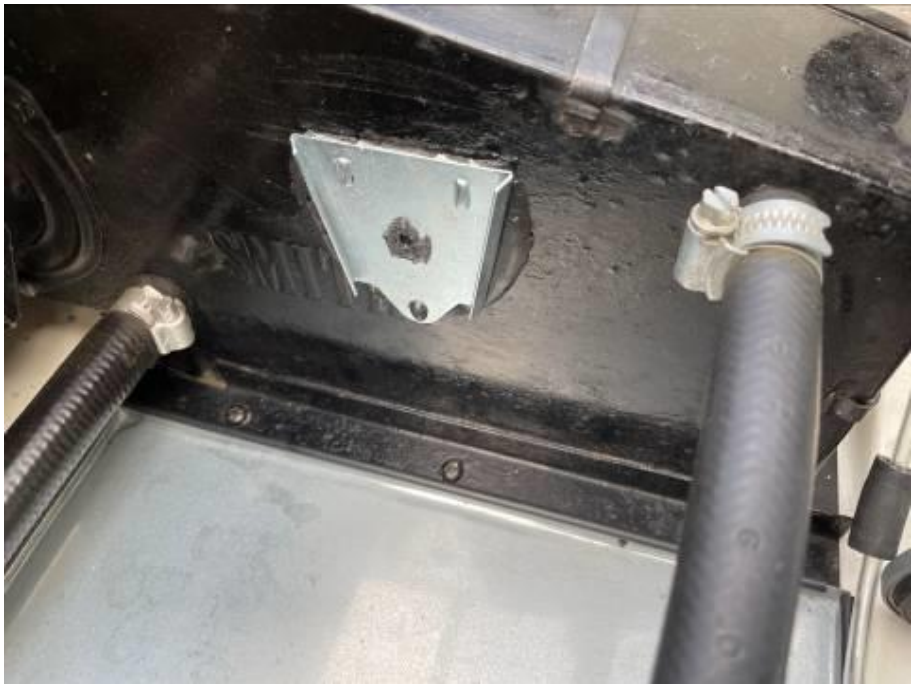
Cracker's Windscreen Washers and Side-Screens:

Fitting windscreen washers:
The easiest way is to buy a kit and follow the instructions. I had previously bought two kits from Mark Sadler for the bargain price of £10 each, one was for Rufus the TA and I just knew the second one would come in handy one day. The problem, if any, is where to locate the bottle. I decided the best place was in front of the heater. You cannot just fasten the bottle mounting bracket with self tapping screws or pop rivets as you could easily pierce the heater. The solution is to use some form of adhesive, I used Sikaflex 221. The bracket is hidden behind the bottle so you can be liberal with the adhesive.



Not the smartest heater box in the world but it will get a refurbishment one day.

With the bottle in place I made the pump wires into a loom and passed them and the plastic pipe through the bulkhead (photo). The power supply went to a small fuse box that was literally hanging in space under the dashboard and the earth wire went to earth via a switch. The tube was connected to two jets via a 'T' Junction; everything required was in the kit.

The completed washer bottle installation.

The windscreen side wind deflectors:
Perhaps the most common method of fitting side wind deflectors is on hinges which makes them adjustable. I decided to have permanently fixed side wind deflectors and with this in mind I decided to do away with the hinges as well. Requests for a good effective angle on the Forum resulted in a suggestion from Charlie K that a 155 degree internal angle gave good results. “Thanks Charlie!”

For the wind deflectors I purchased a piece of 5mm thick polycarbonate with a view to bending the edges to give the fixing angle normally provided by a hinge. Polycarbonate up to 6mm thick can be bent cold so I took the polycarbonate to my local engineering firm and had it bent in their power press. Polycarbonate tends to reform once the bending pressure is released and to obtain the 25 degree angle the polycarbonate had to be bent to 55 degrees. When released it sprang back to 26 degrees so I’m happy with that.

The next stage is to cut the polycarbonate to size and shape. I made a cardboard template to help with the shape. Due to the drivers wing mirror the lower edge is cut away more than the passenger side. The wind deflectors are secured with M6 stainless fastenings into holes drilled and threaded during construction of the windscreen.

The cost of the polycarbonate was £29.52 (50cm x 50cm). A £20 donation to the tea swindle at my friendly metal fabrication firm got it bent. In use the side-screens have proven to be very effective.

Alan Myland