

"Just a few tips;- try stretching the rubber to elongate its length, this will reduce its thickness. Use soap and water to lubricate the rubber strip which I think should be from 1.2mm to 1.4mm thick. Position rubber strip in frame, stretch and then slide glass in. Release rubber strip from tension, it should creep back and increase in thickness thus holding glass firmly in frame. Excess rubber can then be trimmed off with sharp razor blade when frame is fully assembled."

**Dale Livingston from Catlin, Illinois, USA offered the following advice:**

"It has been several years since I did the windshield of TC9749.

First make sure all corner support angles fit up properly, screws are of the right length, threads are good and the frame, when assembled, has all four corners pulling up tight against each other in a perfect joint.

Check to see if your windshield has clearance for the WW wiper mounting bolts that go through the frame.

Leave the corner angles bolted slightly loose to the top and bottom frames. I placed all the frame pieces and windshield face down on my work table. I started by laying the rubber into the groove of the lower windshield frame after liberally wetting both sides with rubber lubricant. Keep the glass centred on the frame and push the glass down into the frame until it bottoms out.

Install your windshield wiper motor wires thru the hole in the left frame, leaving plenty of wire to stretch across the top frame and thru the exit hole of top frame for the motor. Don't forget to leave enough to wire to the motor.

Trim the end of the rubber off to match the corner miter of the lower frame. Wet and lay a piece of rubber into the left side frame over the wires. Trim the lower corner of the rubber to match the end of the frame.

Carefully push the frame onto the windshield glass until it bottoms out. You may have to fiddle with the wires to keep them flat against the frame bottom.

Screw the corner together loosely making sure the screws won't hit the glass when tightened.

The right side of the frame gets put on the same as the left.

With the top frame positioned next to the windshield, route the wires in the frame (hold with small pieces of masking tape if necessary) and out the hole.

Wet and place the rubber on the windshield edge and push the frame down over the glass until it bottoms out.

Trim the rubber corners

Line up the corner screw holes and screw the top ends lightly together.

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You can make slight adjustments of the frame and windshield glass with the rubber wet at this stage so align the frames at the corners until you have a perfect fit.

I used plastic "C" clamps spanning the frames and glass to pull the top frame down tightly to the lower frame and glass.

It worked for me. Good luck ! Just don't get in a rush. PS trim the excess rubber off the face of the windshield along the frame edge with a razor blade but try not to score the glass."

#### **Here's how Rex managed the job:**

"Managed to get the windscreen together quite nicely but it's a good day's job requiring a lot of patience and not a small amount of cursing! I tried a few different methods but the following worked the best:-

Douse the rubber liberally with soap concentrate, (like from those dispenser bottles) and fit into top frame lining up exactly with both corners, adding a drop of water with a paint brush all along to lube.

Start inserting the glass into frame from the middle, working out bit by bit to the ends until it was in the rubber all along and the wiper cable is nicely tucked in.

We then used brute force by putting the top frame down on a non damaging surface and pushing hard and working the glass into the rubber and frame until about fully in.

Next came the side pieces which were done in the same manner until I had a three quarter assembled frame with the wiper cable well tucked in and through the holes.

Now the fun bit!

I placed the lower frame with the well-lubed rubber inside on the glass and started to press into the frame until the angle brackets could be loosely screwed in place, then with all the other screws loose, I wrapped rope around the frame and made a tourniquet across the assembly to pull the frames together at one end until I had a nice bevel joint at one corner, which was then tightened down to keep it in place, then proceeded to do the same at the other end of the frame with my tourniquet until I finally had all four bevelled corners nicely aligned.

One more squeeze with my rope across the middle made sure that all is secure and seated, then a quick trim with a cutter on the rubber made a nice job. Phew!

Sorry this is long but maybe it can help somebody who doesn't have lots of fancy equipment and clamps etc,?

(Oops! The tense changes from present to imperfect, but so am I!)"