

STEP BY STEP: Assembling Door Windows & Seals

Reassembling the door components can be a tricky task since there are so many parts and one way to do it quickly. This work was done on a 1965 door.

First Parts: attach the door locking rod to the well-lubricated lock mechanism first then install the two parts in the door. Next install the outer door lock and outer door handle with new seals. Install the rear door window guide and well-lubricated window regulator. The window regulator must be as wound down as flat as possible to slide inside the door shell.

Door Window: Remove the 15mm nut at the front lower edge of the door window before installing it. Slide the window into the door, down the rear window guide, & replace the nut. Slide the window frame onto the regulators rear clip then push the front pin through the regulators hole & install C-clip (below).



Outer Window Scrapers: need to be trimmed based on the original one (if using a new Beetle Convertible scraper), then drilled to match the three screw holes in the door before installation (below).



Vent Window Frame: the old vertical felt should be removed along with the black tar (right), then polish the chrome. Slide the frame into the top opening of the door but do not tighten it into place. Guide the door window down into the slot. Then install the front screw of the window scraper first (top right), then align the vent frame into place and tighten down the vertical screw (right center) & install the two 10mm bolts into the front



edge. Now install the remaining two window scraper screws to keep it in place. Install the two rubber window guide plugs with the window down & test to make sure they stay in place (right).



Door Window Horizontal Felt: trim to match the original one and clamp the aluminum plugs into place. With the door window down install the rear plug into the hole. Wind the window up a bit then install the remaining plugs into the holes. Bend the three tabs of each plug to keep them in place (below).



Door Window Vertical Felt: with the vent frame in place, lower the door window all the way down and apply weatherstrip adhesive inside the window track of the vent frame from the top, then slide the vertical felt into place. It will not go all the way down, but if you hold it, then wind up the window, then wind down the window it will pull the felt into place. Once into place, wind the door window up and let it set for 15 minutes.



Vent Window Seal: while the door felt is drying, install the vent window seal into the frame. Loosen the 10mm bolt at the lower edge of the vent window frame (which clamps onto the vent window stud, above), then install the vent window, and then tighten the bolt again to keep the window tight. Attach the top pivot and test the window for proper function, then install the mirror (below).



Install the inner door pull mechanism and attach the locking rod. Slide the mechanism all the way back before tightening down the two 10mm bolts to keep the lock tab open all the way. Install foam piece to keep the locking rod operation quiet. Test the door pull & lock.

Then use spray-glue to attach the clear vinyl into place over the door shell once all the inner components are installed, lubricated, & tested. The vinyl keeps water inside the door shell and off the door panel. Next the upper door pad can be fitted.

The door panel is then ready to install. First slide the inner door armrest bracket (already attached to the door panel) over the door shell lip (use vinyl to keep it from rattling). Then snap the panel clips into their holes. Lastly, snap the ivory door pull cup into place and install the door window winder handle (below).

