

Required Tools:



Step 1

Remove all the side trims and the rear headlining inc wiring loom to light Find centre of roof and draw centre line with marker. On a tdS/puma roof draw a line along the back edge of flutes at rear of roof this is you start line if a smooth roof is fitted start at the rear of roof first line is 65mm from rear of roof in make sure your hole is marked out is square measure corner to corner once marked out drop the frame on and check frame sits inside marked out hole with frame still on roof draw round the four corners.



Step 2

Double mask/tape round outside of hole to protect roof paint drill four holes in the corners ready for cutting out hole Warning do not try and cut roof out in one go you will scrap roof cut out small sections at a time leaving 2" to 3" round hole for last cuts do not rush this parts the new roof is around £1000 to replace if you get it wrong pie shows scrapped roof of hole cut in one go



Step 3

Your roof should look like this if cut out correctly.



Step 4

Your now ready to try the frame in the hole do not force the frame into the hole it must drop in snug but not tight with frame in the hole now place glass into the frame should be small gap all round glass you must get the frame square if not glass will not fit in frame when bonded so check and double check it all fits nice before moving on



Step 5

Remove frame and the mask/tape from roof with help replace head lining and with someone holding it against roof draw round the cut hole with marker onto headlining ready for cutting later

Required Tools:



Step 6

Degrease with beta wipe from kit round edge of cut hole and round edge of the frame turn frame over as its easy to do this way with lint free cloth in kit dry off shake little green top bottle for three mins and with the cotton bud from kit carefully prime 10mm wide round edge of hole and then round edge of frame let paint dry before moving on this takes around 5-10 minutes.



Step 7

Remove backing foil from tube of glue in kit and pierce end with screw driver and then fit the pre cut nozzle from kit TIP HERE warm glue up before you start place on radiator or in bucket of hot water before you start with glue in gun you want a nice steady bead of glue all way round edge of frame there must be no gaps



Step 8

CAREFULLY with help place the frame into hole in roof and bed in frame then start to clamp all the way round so roof is tight to frame



Step 9

Once clamped all round spray excess glue with glass cleaner then with old credit card or filler card remove all excess glue as fast as possible use diy handy wipes to clean off any remaining glue round frame once clean leave to set over night glue must be set before you carry on to next stage

Step 10

Day two Remove all the clamps You can now remove centre from headlining take your time and use a sharp new blade when cutting along lines once cut out refit headlining into vehicle and fit front to roof with fir tree clips that you removed

Required Tools:



Step 11

from kit take finish trim and fit into place use clamps to hold finish trim in the right place then do the same with rear section making sure inner frame has same gap all round before fixing in place



Step 12

we leave fixing of frame up to customer you can use self tapping screws or pop rivets fix in finishing frames and inner trims can be refitted at this point too



Step 13

tapping screws or pop rivets fix in finishing frames and inner trims can be refitted at this point too outside of glass then turn over glass and degrease round inner of frame then round black band on glass dry off with white lint cloth then shake and prime with green top bottle glass and frame same as you did roof frame allow to dry



Step 14

Now with glue gun with nice smooth action place nice bead of glue round the inside of the frame make sure there are no gaps we don't want it to leak



Step 15

Stand in back of landrover and have one or two people pass up glass to you then guide the glass into place slowly lowering glass into frames get out then slowly bed glass into frame till level with gap round glass.

Required Tools:



Step 16

Fill in gap between glass and frame watch you don't trap any air in joint then with diy wipes and plastic filler card scrape off excess till smooth remove masking tape thats job done