Hymer b694 1989 Bathroom Stripdown

October 2019
Sean Bergin

Switch off water pump and disconnect battery!



Remove Bathroom Door



Remove three hinges, two screws in each. Could do with replacing hinges



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2 Remove Mirror Behind Toilet



Remove trim above mirror. Couple of screws holding top on...



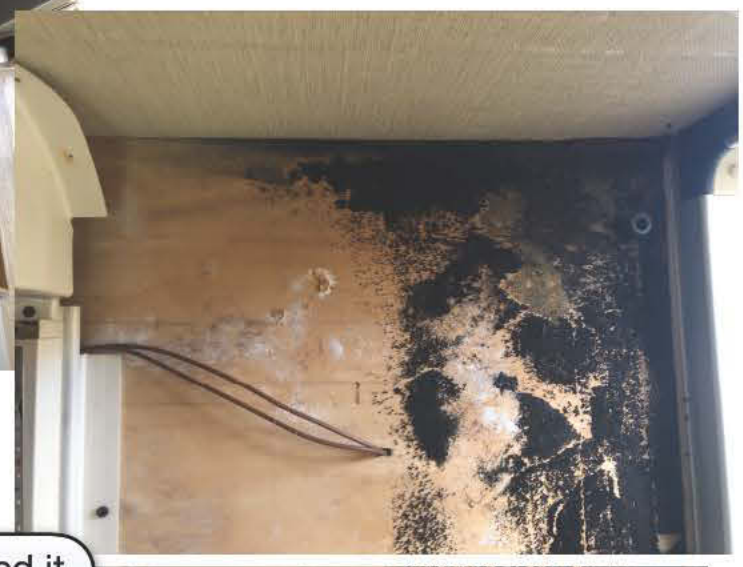
... then lift off mirror and remove the lower support.



3 Remove Mirror Above Sink



Same as above, remove top trim then lift off the mirror.



When mirror removed it exposed large amount of black fungus



4 Remove Shower Door



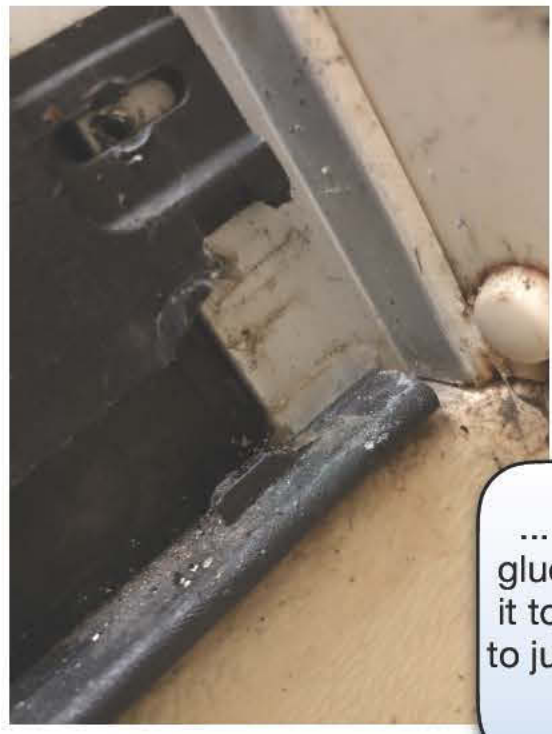




Was able to unscrew a small grub screw from the top of the door hinge...

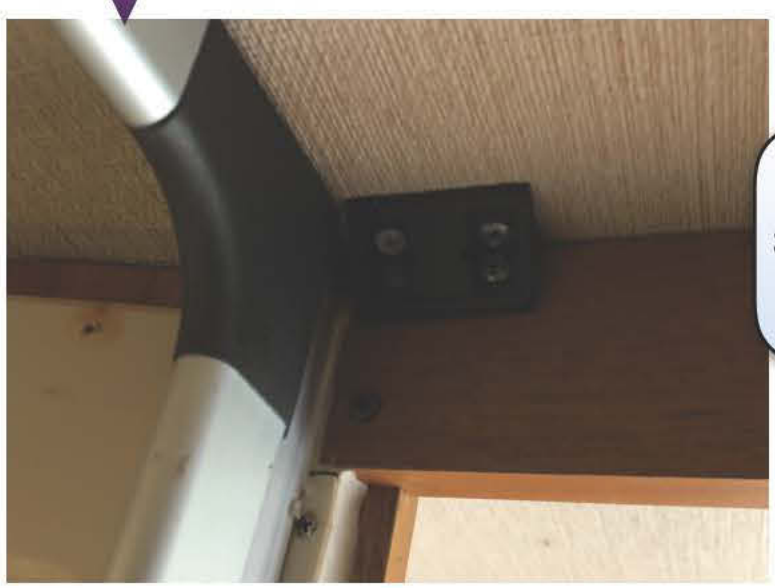
... then able to slide off the hinge...





... but the bottom hinge was glued on, so I needed to break it to get it off. Probably easiest to just glue it again if I can't find a replacement hinge.

5 Plastic Angle Bracket Over Door



Two screws up into ceiling are 3/4" and the ones attaching to wall are 1/2" or 3/8"



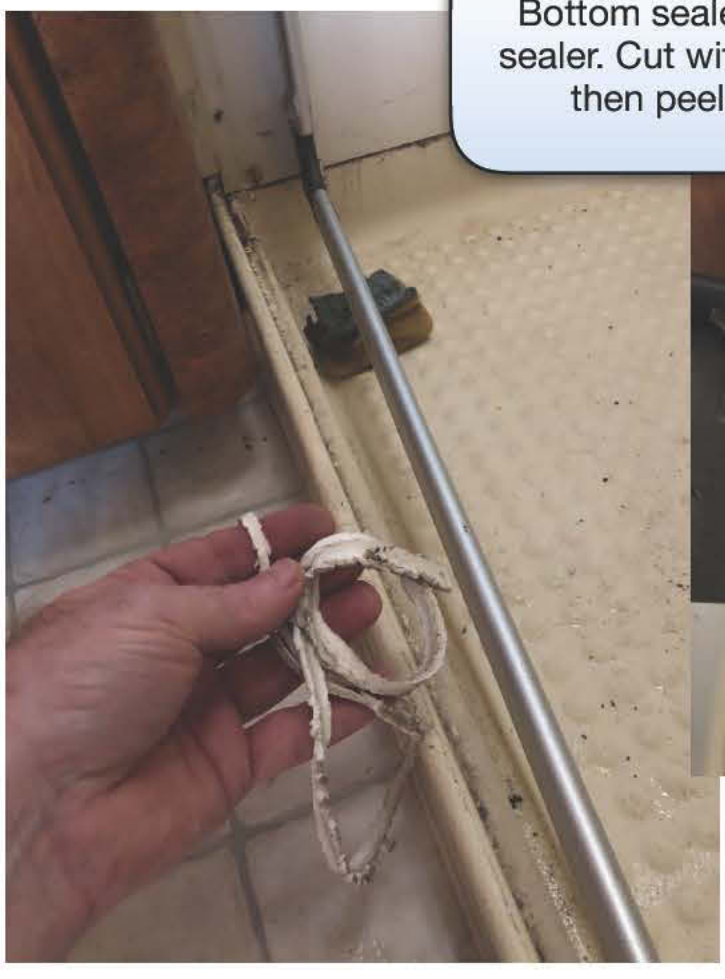
6 Remove Shower Door Frame





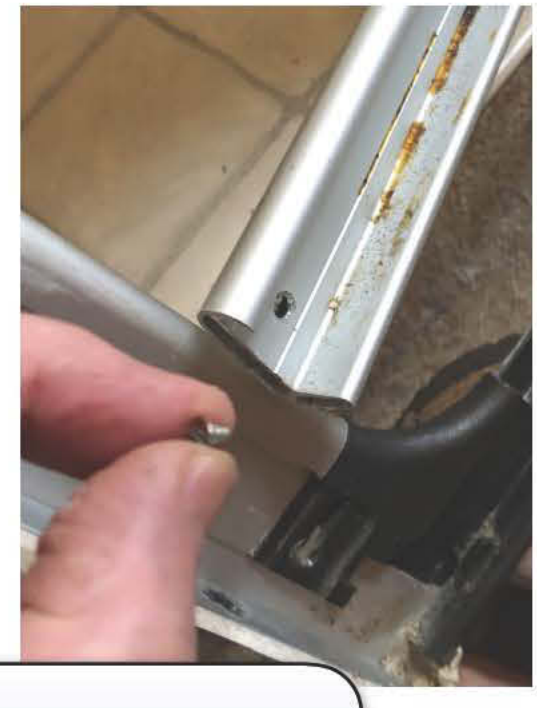


Unscrew three large screws on each side



Bottom sealed with sealer. Cut with blade then peel off.





Remove grub screws to dismantle frame so it fits out the door

7 Remove Shower Bits





Temperature adjuster just pulls off. Remove plastic blue/red ring as well



Pop cap off shower bar end bits then remove screw from each. Vertical bar then just lifts out. Bottom one was rusted and glued (rusted screw sheared on removing it)



8 Toothbrush Holders





Slide up to remove body then unscrew from the wall

Also removed the two leatherette door straps. Single skinny ⅜” screw in each

9 Top Shower Trim











Removed eight ½” screws for two plastic top trims. Exposed black fungus!

10 Water Access Point







Remove two screws holding curtain retainer. Remove four small screws holding panel. Shower mixer unit looking dodgy and needs replacing. Disconnect pipe to shower hose







11 Screws Holding Shower Back



The shower back was obviously put in place in two parts and then the overlapped seam joined with a contact adhesive. Six screws (rusted) with plastic caps on long side, two more screws on short side. All had caulking on them when fitted, obviously to stop water ingress.



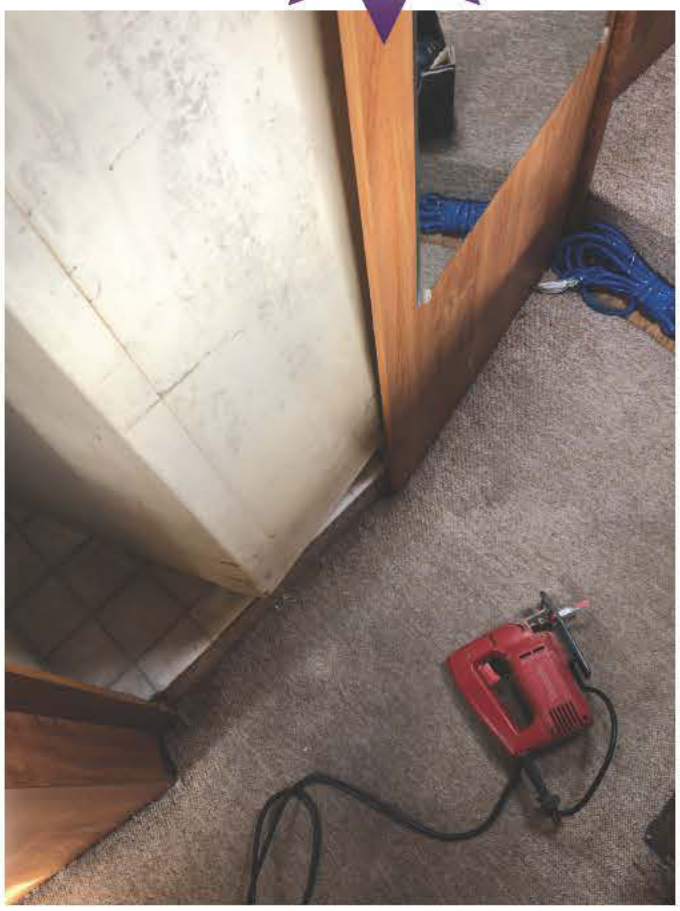
12 Waste Access Point Underfloor

Removed eight long screws. Edge sealed with some sort of bituminous mastic. Need to slide under van to access. Turns out this was not really needed but might be useful if shower outlet blocked.





13 Remove Shower Back







Rotate it until the seam is towards the door. I decided my only option was to cut it using a jigsaw otherwise it wouldn't fit out the door opening.



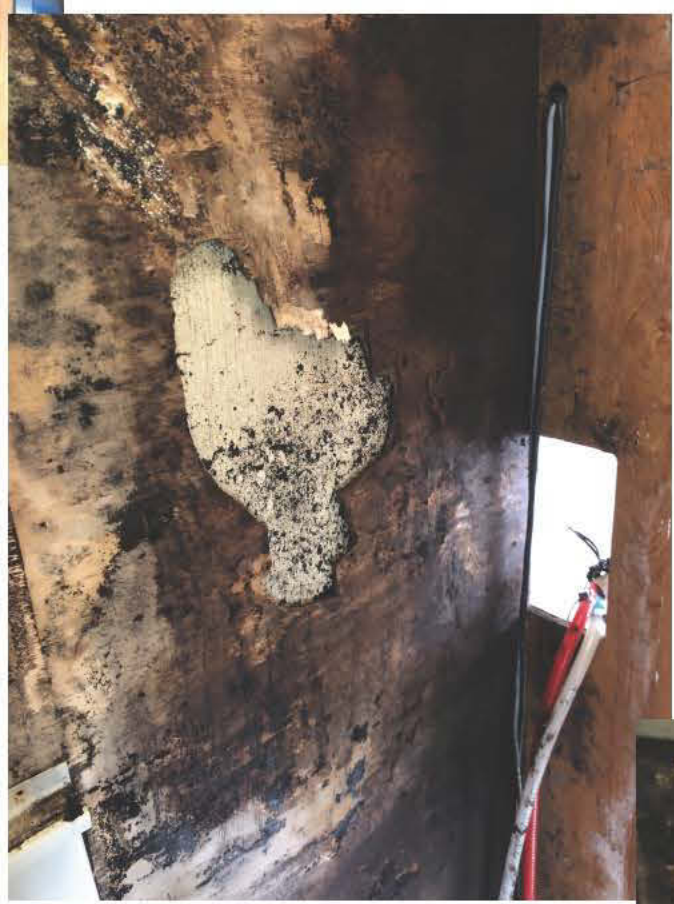
When replacing it I need to get a strip of similiar plastic and use contact adhesive to rejoin the two sides.

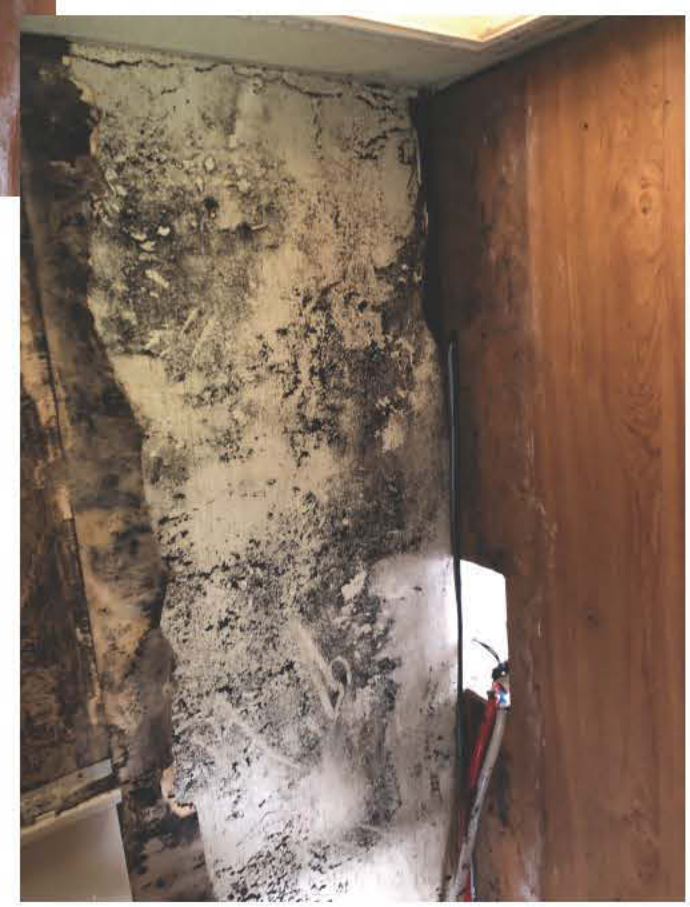


14 Black Mould Exposed

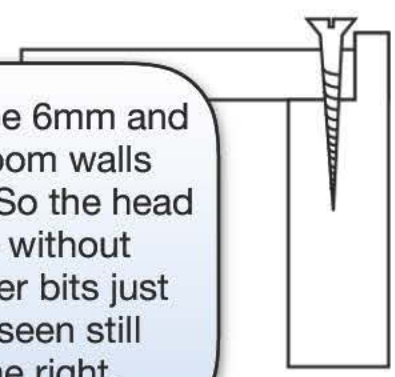


A leak above the shower, initially I thought it was from the roof light but it appears maybe more complicated than that. Plywood behind plastic shower back was wet and rotten. Broke off what I could, exposing more damp and mould behind.

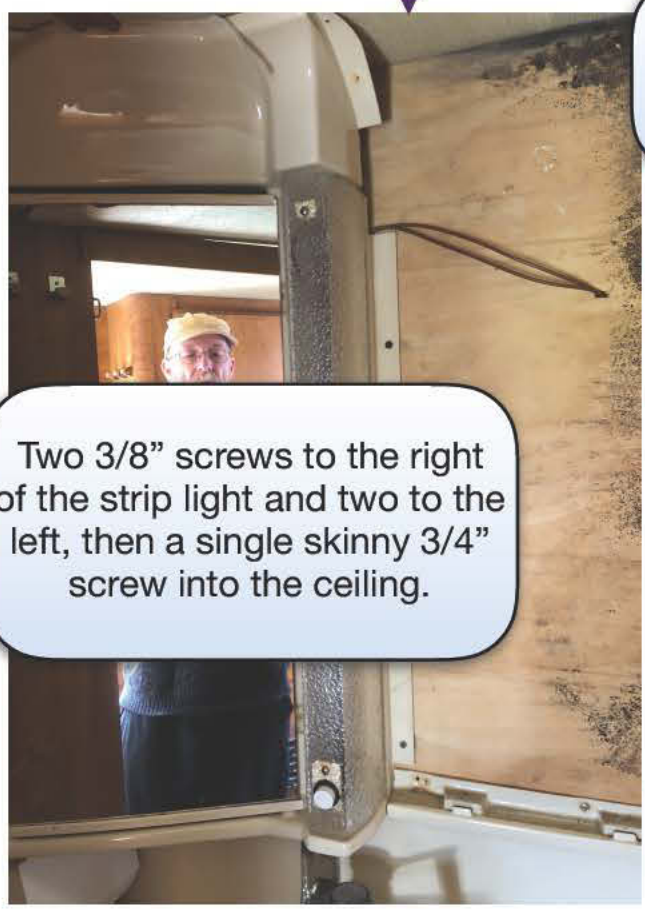




The plywood sheet appears to be 6mm and it's screwed to the side bathroom walls before (!) the bathroom goes in. So the head of the screws is inaccessible without removing the sides!! The soggier bits just pulled off but the top can be seen still attached in the picture on the right.



15 Remove Corner Unit



Two 3/8” screws to the right of the strip light and two to the left, then a single skinny 3/4” screw into the ceiling.

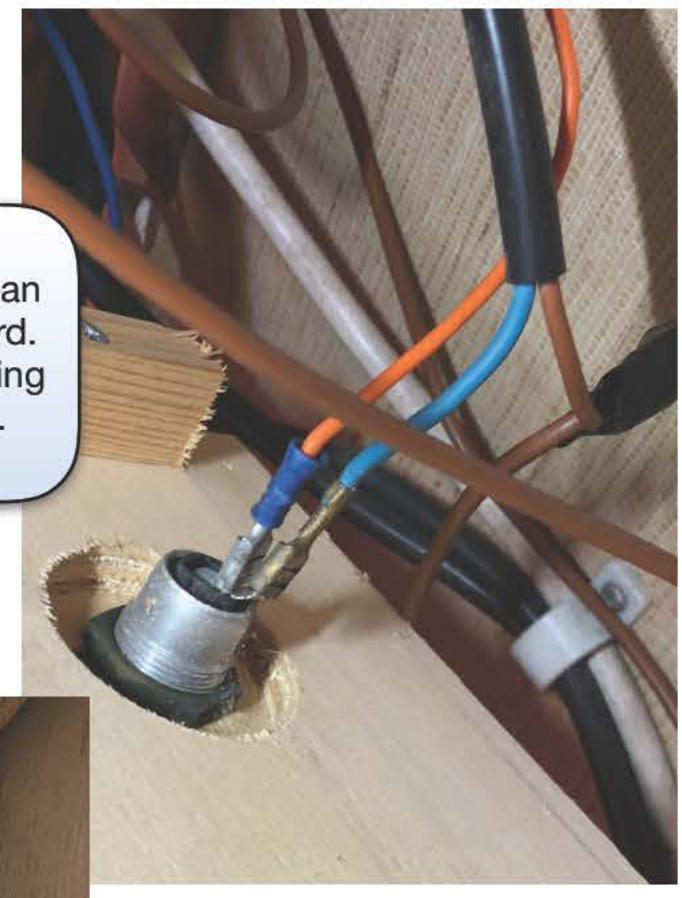


Two screws hold the frosted glass front on.

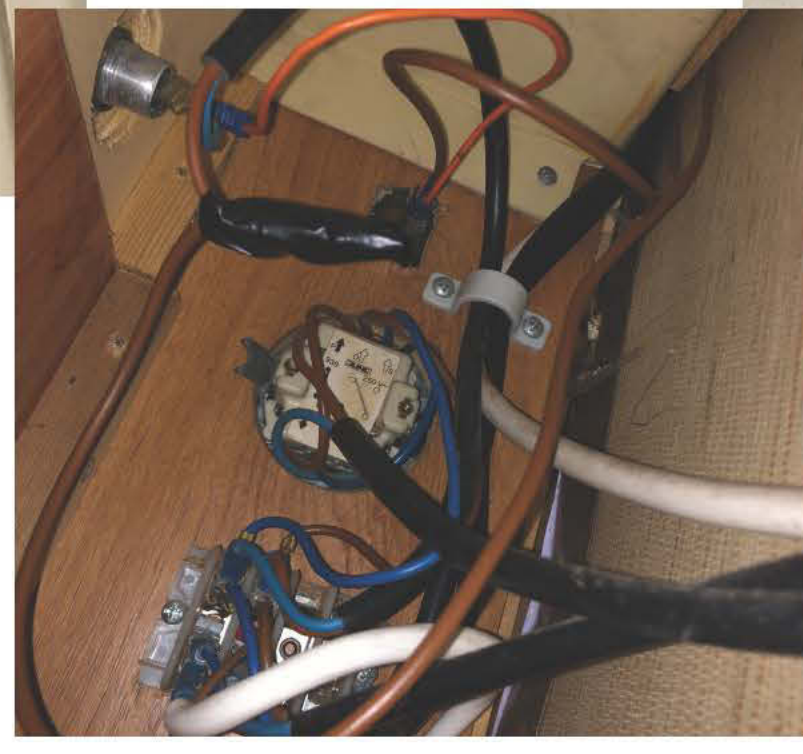




Strip light wiring



Wiring to back of European lighter socket in cupboard. Not sure if this was working as it looks like a botch.

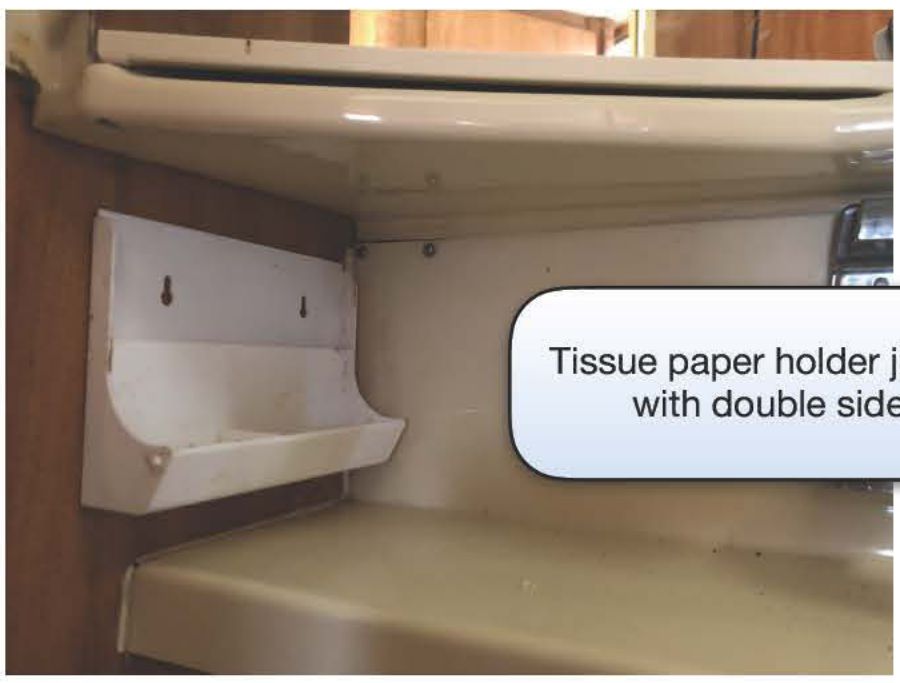


16 Remove Cupboard Doors





Two hinges on each door with skinny 3/8” screws. Hinges and screws rusted and need replacing.



Tissue paper holder just stuck on with double sided tape.



Shelf held up with four plastic nubs. Also needs varnishing.

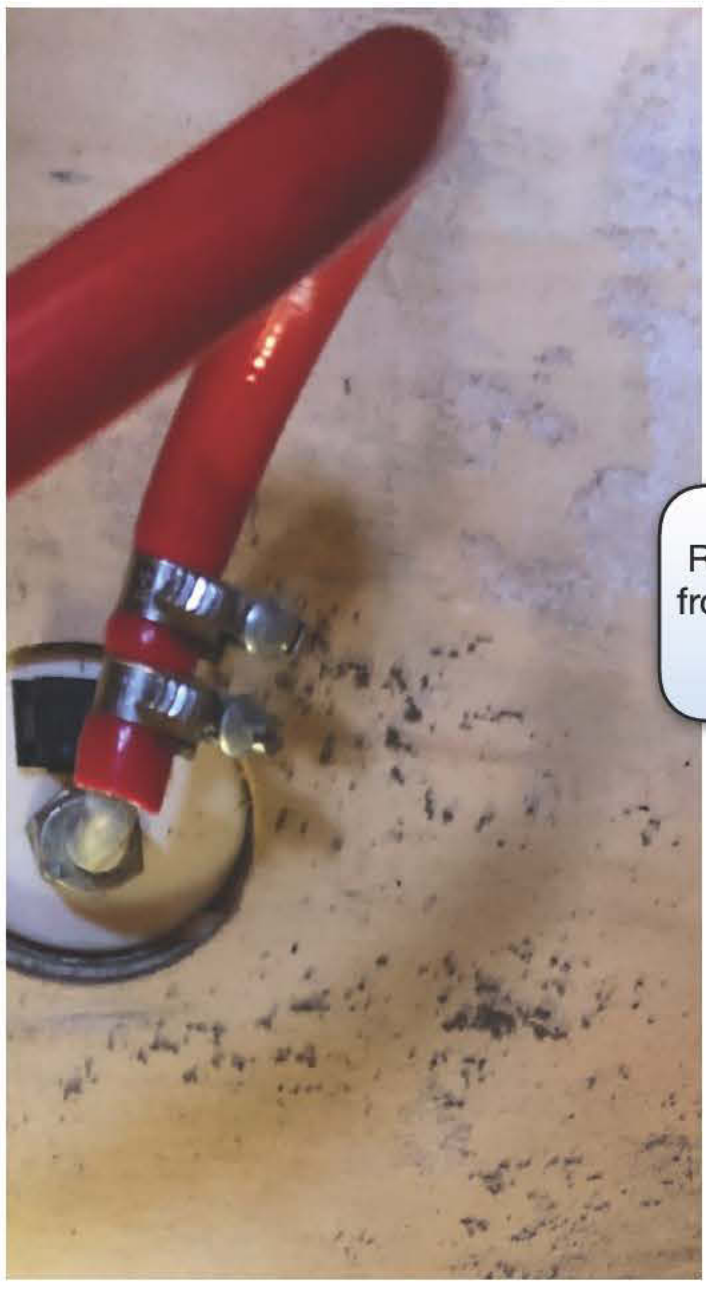
17 Remove Remaining Back Bits



Removed six screws



Screw hole above sink broken but repairable with superglue and bread soda



Remove two jubilee clips from outside shower point and remove it

18 Remove Sink



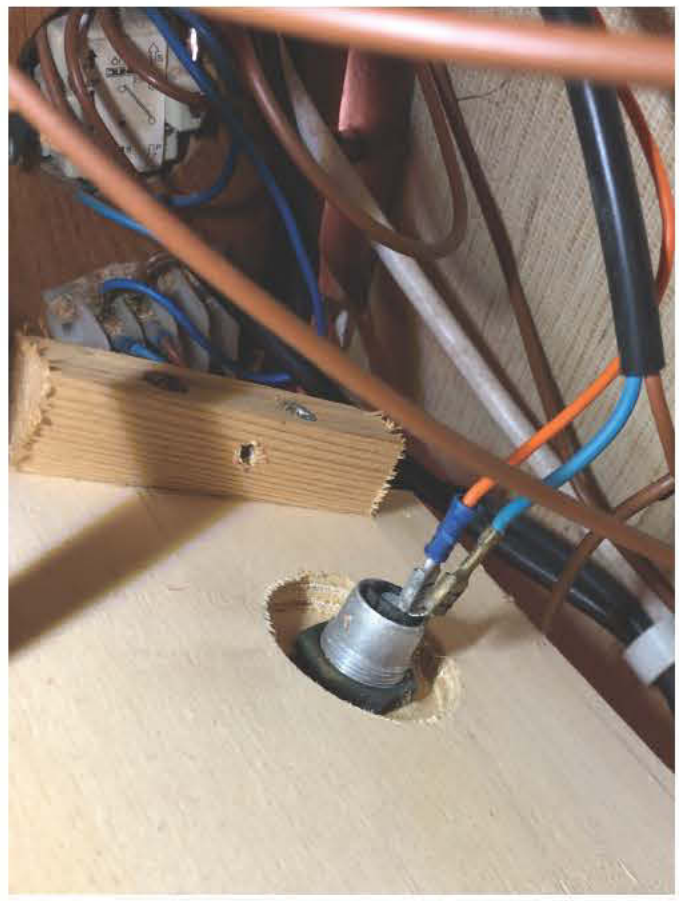
Hacksaw through waste pipe leaving enough room to use a sleeve joiner when reassembling …

Removed five ¾” screws from under vanity mirror. Screw furthest left is shorter, only ⅝”

Disconnect hot and cold pipes then top should just lift off.

19 Remove Cupboard



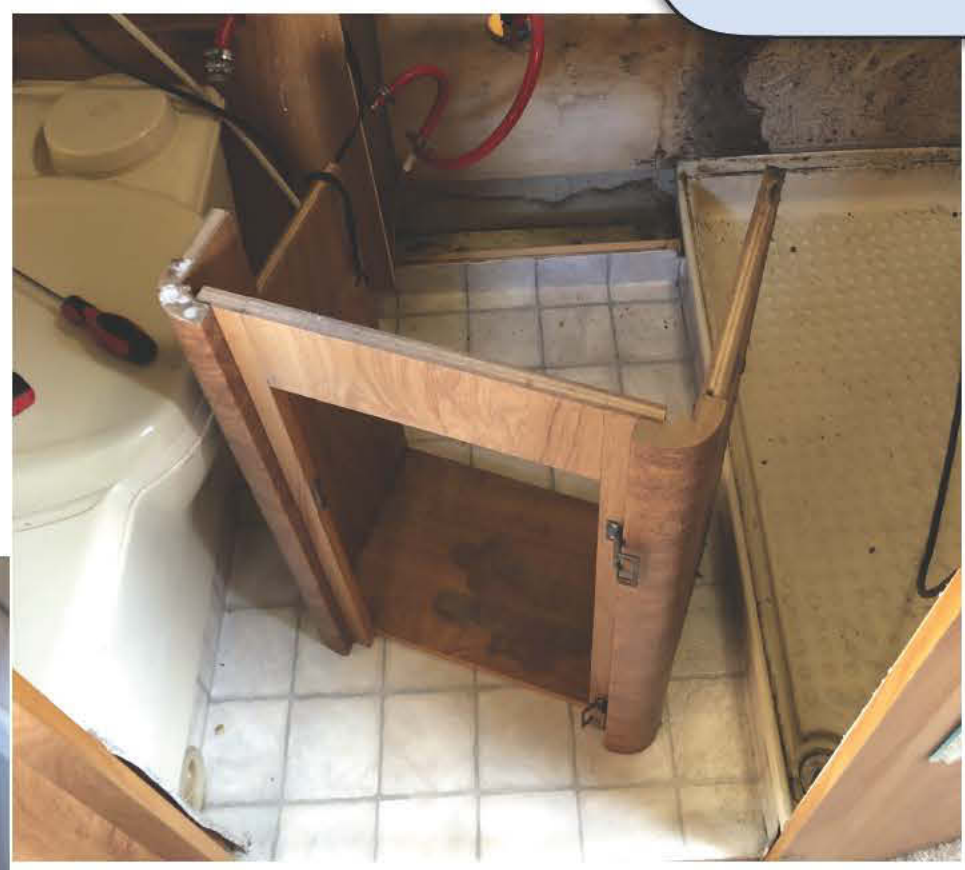


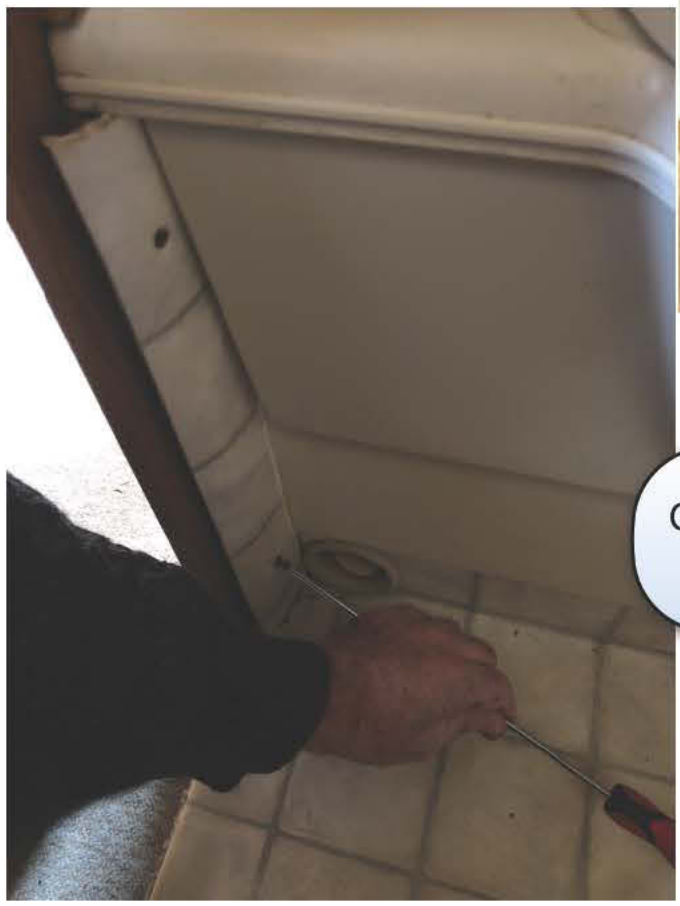
Single 3/8" screw underneath back left. But also need to detach tap and waste pipe. Tap disconnected fine but water pipe was glued!

Removed two 1 1/2" screws from right side, then other ones are 1 1/4"

Top curved bit screwed in on left and two screws on right and one screwed through corner half way across.

Finally pulled off strange spade connector from mini lighter socket. Looks like positive and negative wires combined to connect to single spade connector??





Cosmetic trim removed.
Two screws.

20 Start of Toilet Removal





Removed 7 mini screws from under front edge of toilet. This allowed me to pull out the toilet “full” gauge to fix it. Other than that the screws could have remained in.



Removed two longish screws then removed blocking plate holding toilet edge down.



21 Flush Mechanism





Pop off the little cap then unscrew with a long screwdriver. Wasn't necessary for toilet removal.





22 Remove Bits Around Toilet

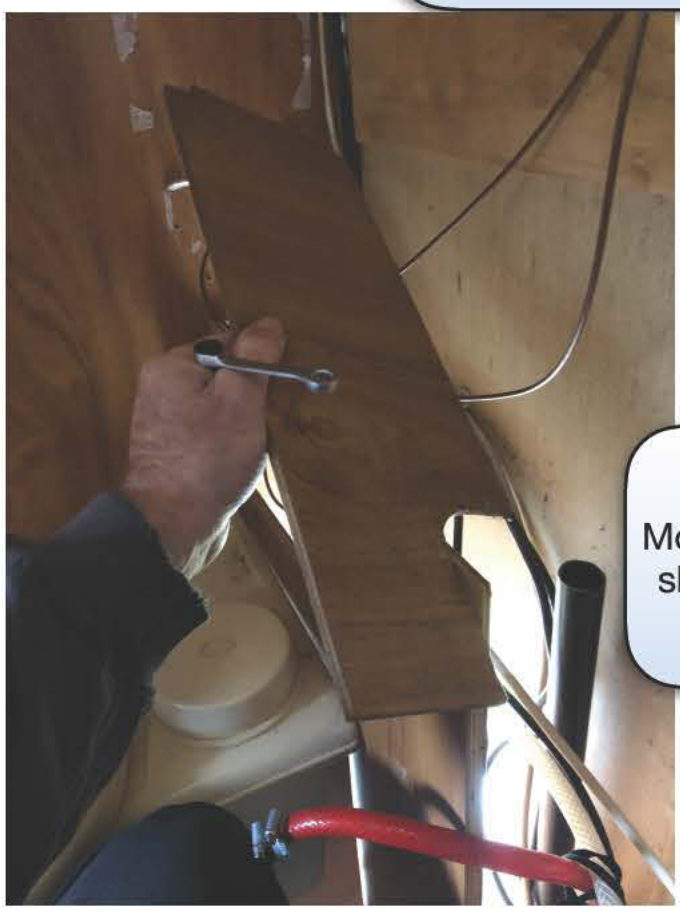




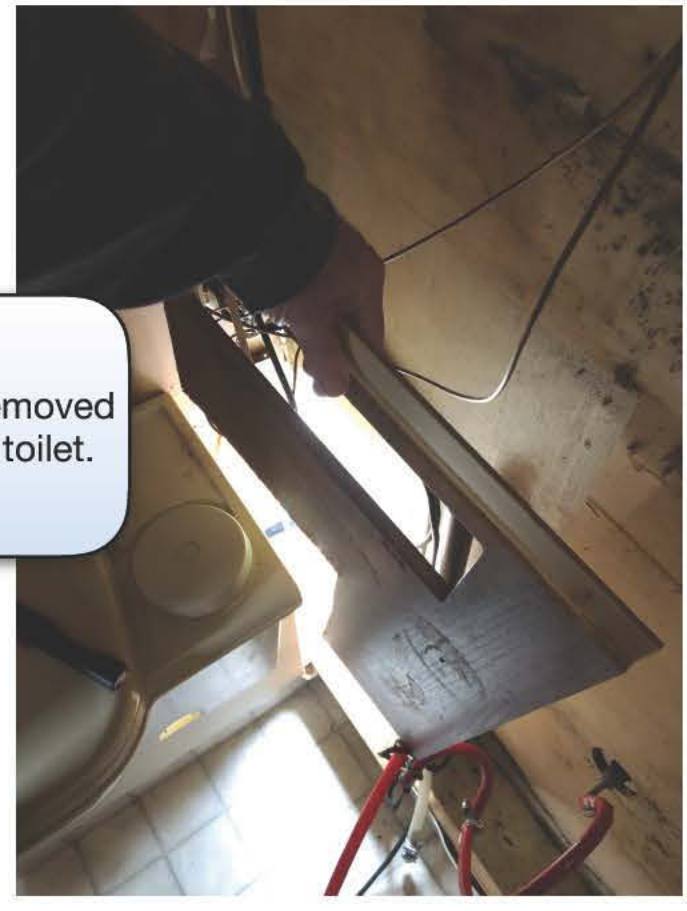
Remove screw connecting back plate to toilet. Access from outside hatch.



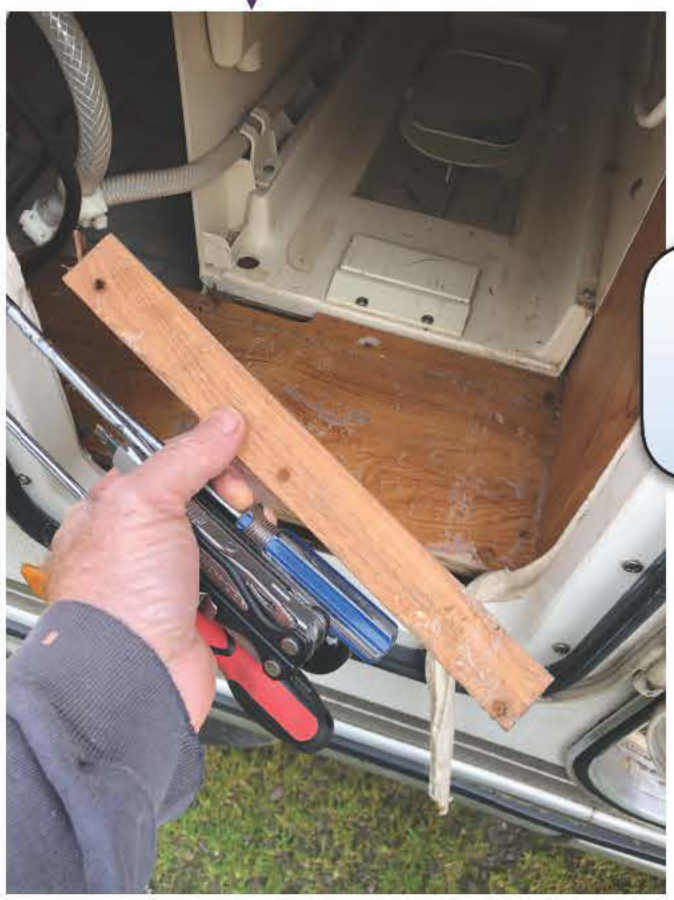
Removed three 1” screws holding spruce baton. Also accessed from hatch. Had to break off thin trim holding it as well as the screws were gone.



Moved back inside and removed shelf and wall bit next to toilet.



23 More Bits Around Toilet



Three small screws holding thin 1” strip pinning edge of toilet down.



Probably three 1” screws holding shelf down. This could do with varnishing.



Think this is the power to the electric step. Bad earth not helped by the fact this joiner is susceptible to water!

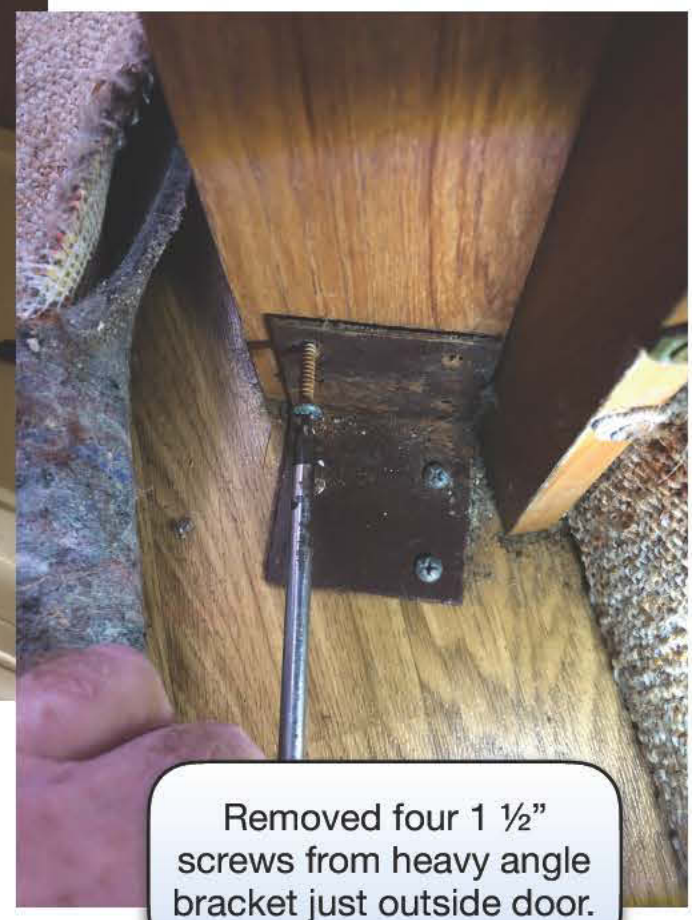


24 Remove Protruding Sunken Shelf



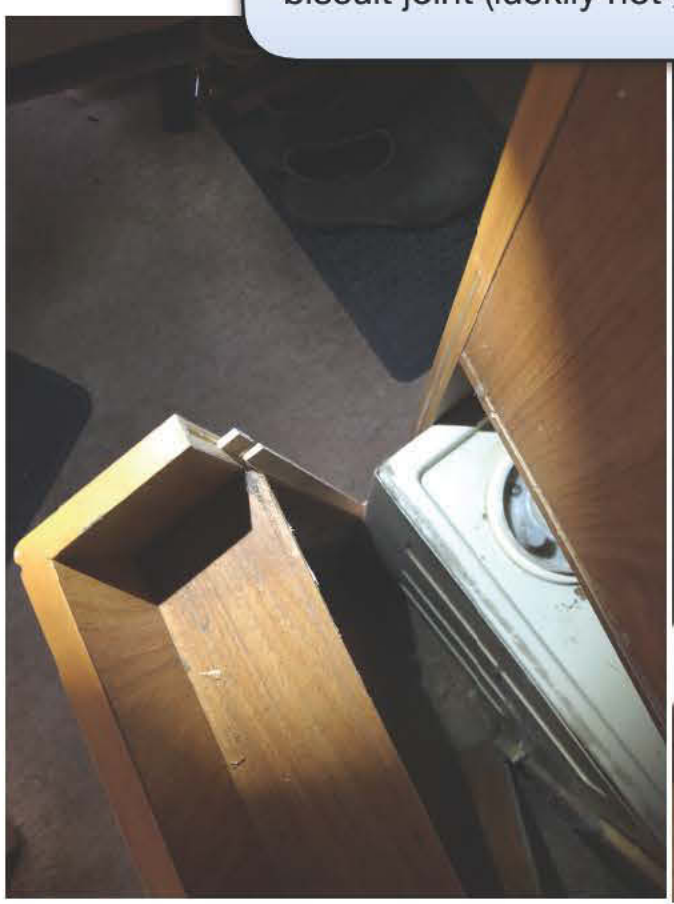


Removed six 1” screws from inside



Removed four 1 ½” screws from heavy angle bracket just outside door.

Needed to tap sharply from inside with mallet to release biscuit joint (luckily not glued).





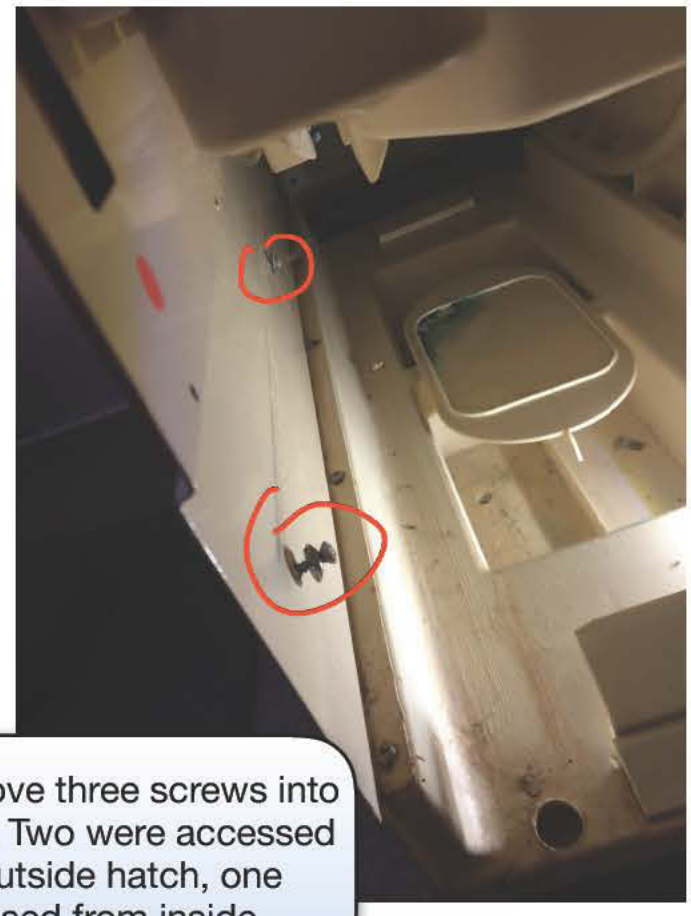
Popped five plastic rivets to release end plate from toilet.



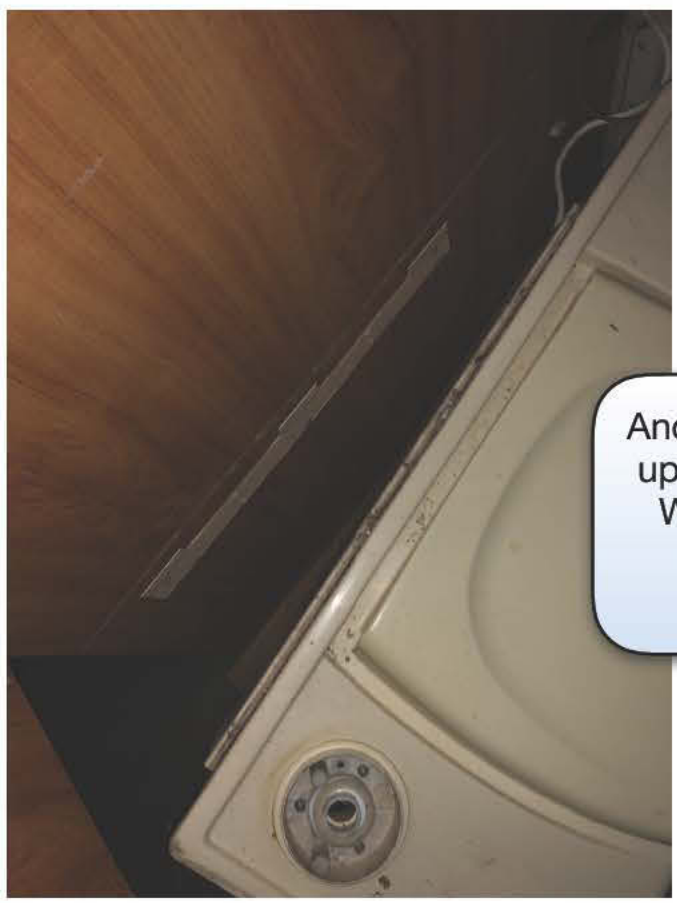
25 Remove Toilet At Last!



Just like on hatch side, remove screw from underside of toilet.



Then remove three screws into back wall. Two were accessed from outside hatch, one accessed from inside.

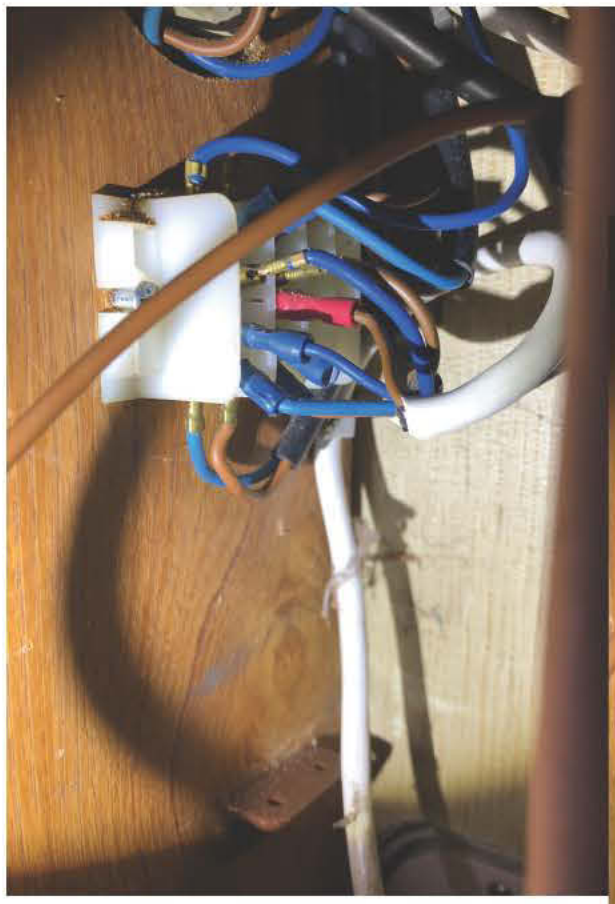


And now the toilet should lift up and off the wall bracket. Water and power are still connected and this is discussed overleaf.

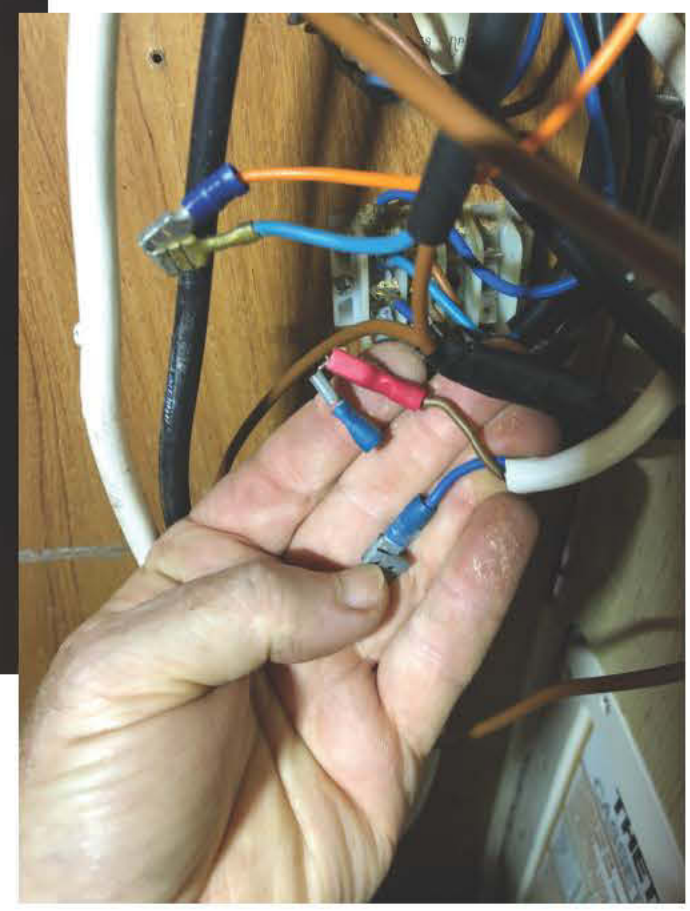
26 Disconnect Water and Power



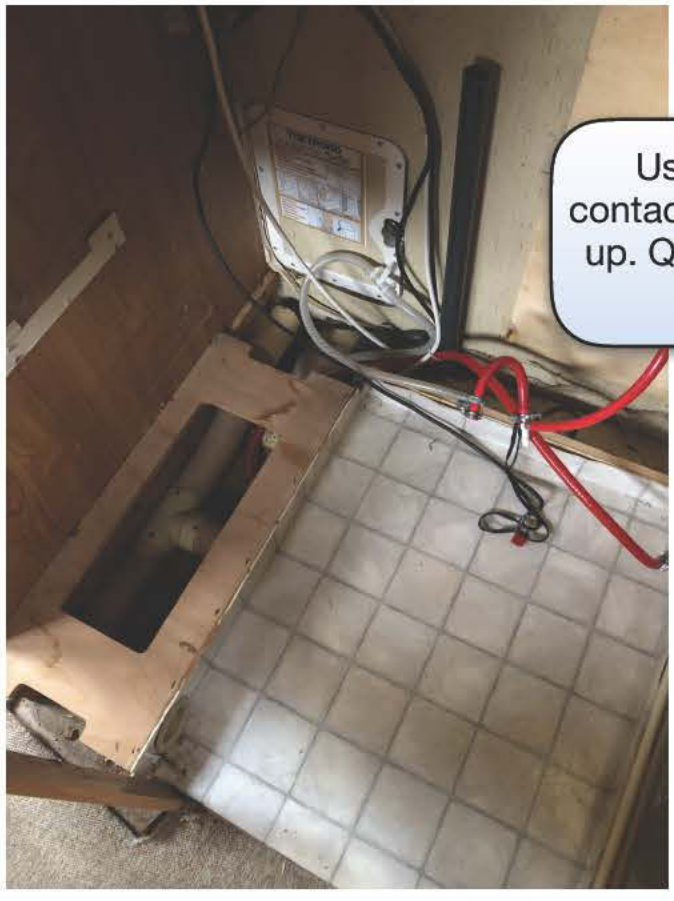
Water for flush connected via t-connector. Remove jubilee clip, heat joint with hot air gun, then pull pipe apart (water likely to flow out)



Disconnected brown and blue wires from hedgehog below door step switches

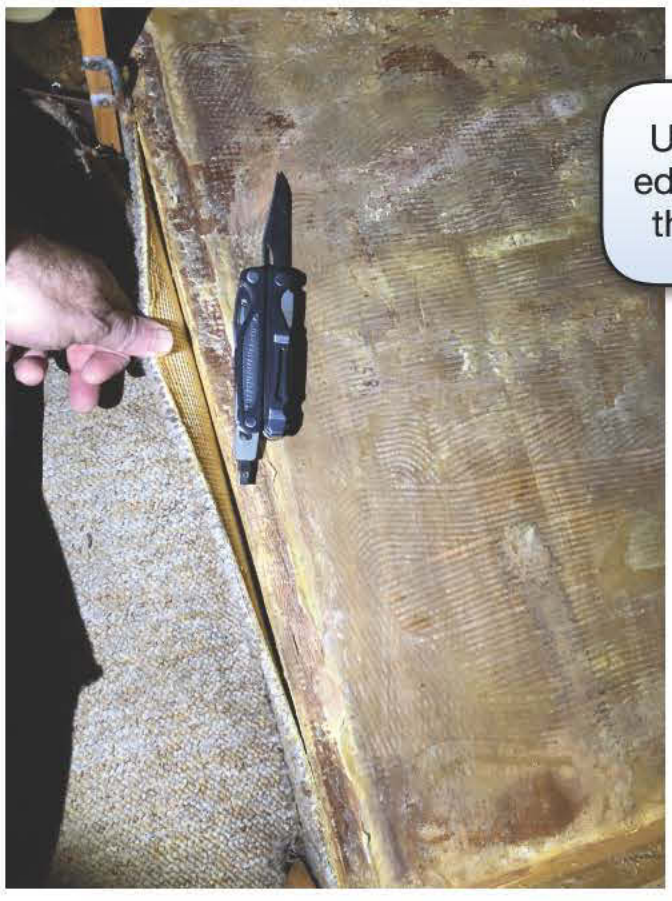


27 Remove Linoleum

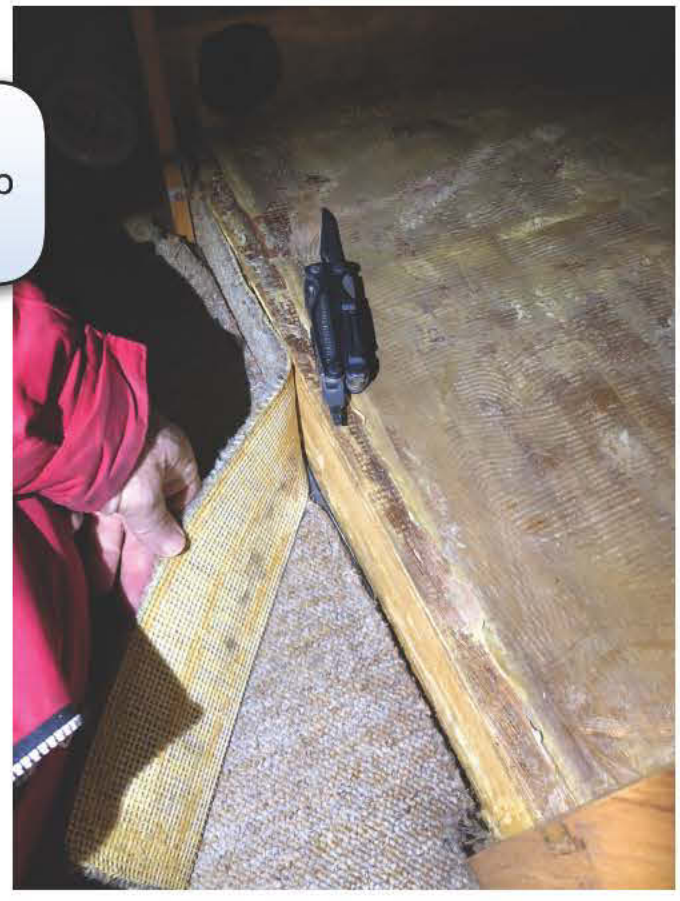


Used knife to separate contact adhesive then pulled it up. Quite strong glue but not impossible.





Used knife to free edge of carpet strip then peeled it off.



28

Removed Formwork Under Toilet

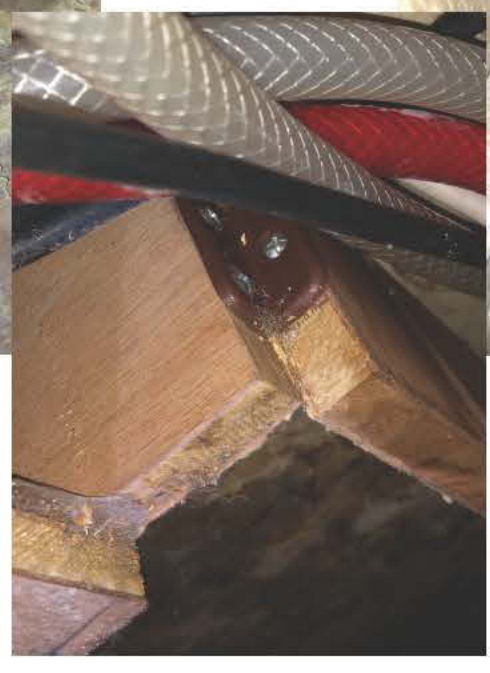
Removed three screws holding the formwork under the toilet to the hall wall





Removed screw from angle bracket holding end of vertical board left of main floor area. In lifting it the glued edge broke. For some reason there's carpet on the inside edge.





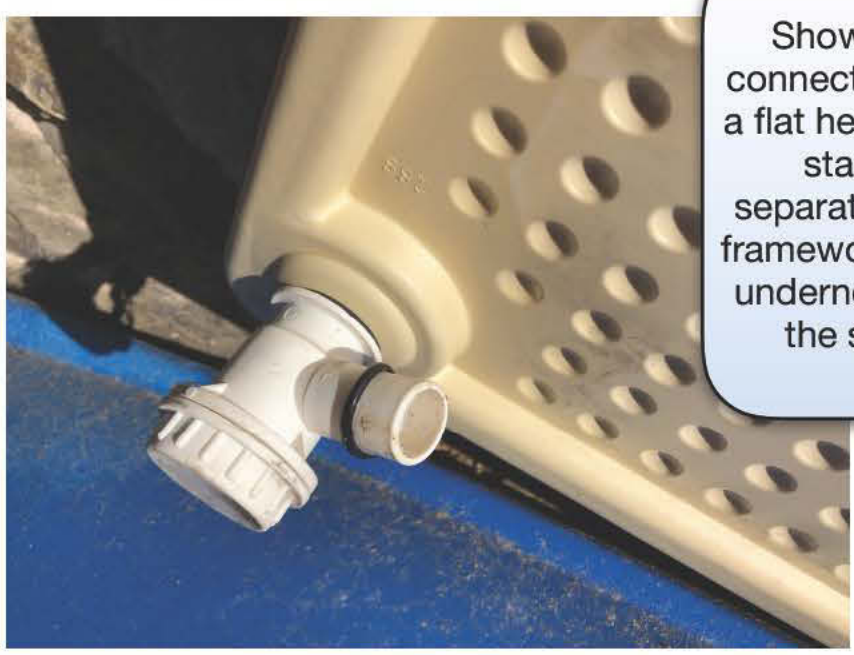


29 Remove Shower Tray



Removed two skinny screws attaching shower tray to wall.





Shower waste pipe is a push fit connector with a rubber o-ring. Used a flat head screwdriver from below to start it moving then finished separating it by holding the wooden framework up and getting my hand in underneath it. Once this came apart the shower tray just lifted out.





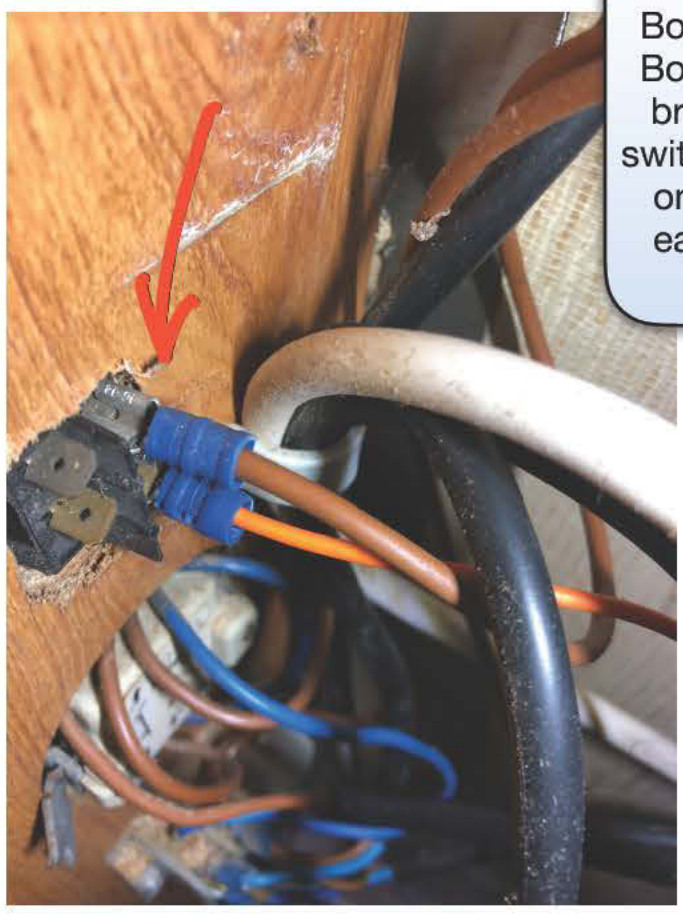
Then the wooden framework also just lifted out. Not very well designed for removal. Ideally this should be all accessible. Screwed together and yacht varnished rather than using lino.

30 Wiring and Pipes

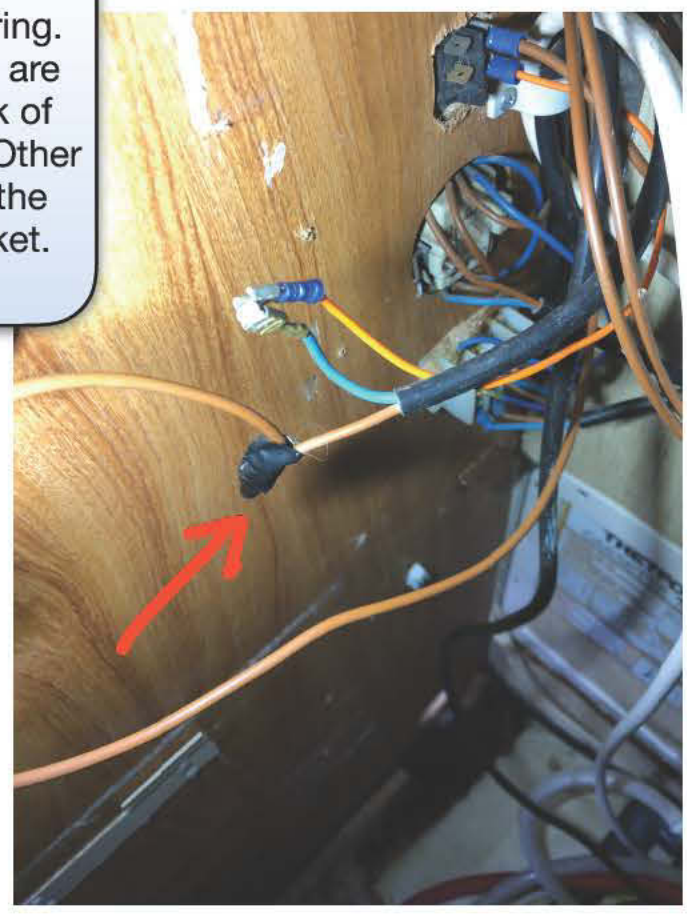


This shows the pipe and wire runs after cleaning all the black mould off.





Botched outside light wiring. Both live and earth wires are brown! One runs to back of switch by entrance door. Other one looks like it hijacks the earth from the euro socket.



31 Rotted Plywood Sheet

