



Installation Guide for the Corner Fridge Replacement Refrigeration Unit



About the Replacement Unit:

The unit is intended to replace the motor unit and light fitting in the earlier models of the **Odic Corner Fridge**.

The replacement unit has been re-designed using the latest environmentally friendly technology to give extended life to Corner Fridge products, reduced running costs and a smaller carbon footprint.

Time Required:

Experienced engineers will probably complete the job in 3 – 4 hours. Less experienced engineers may need to allow around 6 hours.

Help and advice:

Contact Corner Fridge Company Ltd during normal office hours (9am – 5pm Mon-Fri) on:

03333 702 547 or +44 (0)1302 759308

The replacement kit includes the following items:

- TC6 - Thermocold Unit x 1
- LED Light with integrated motion sensor , cable & conduit x 1

Thermkit – consisting of:

- Fridge Wall Element (to fill gap left by original unit) x 1
- Spacer (for Fridge Wall Element)
- Back Panel x 1
- Shelf mounting rails x 6 (plus clips)
- Wire shelves x 4
- Screws with caps x 15

Tools needed for the job:

- Drill with drill bits, torx bits and allen bits
- Metal punch is useful but not essential
- Jigsaw with long metal cutting blades
- Silicone Gun



INSTALLATION



Step 1

Isolate the power to the fridge.

Empty fridge of contents.

Remove shelves.

Remove motor, fans and light.

Remove shelf rail on the right hand back panel.

Please dispose of waste and redundant units thoughtfully



Step 2

Make sure the Right Hand Back Panel is clear of glue, screws and fittings. It needs to be a perfectly clean and smooth surface.

Make the lighting cable good and safe, and tuck behind the main unit.

Check the cable to the cooling unit is in good order before proceeding.



Step 3

Take the new thin panel from the conversion kit and place it on top of the right hand back panel. Make sure the rectangular cut-out is at the top, and on the left-hand side.

Using the new panel as a template, draw along the edges of the rectangular cut-out.



Step 4

Remove the panel (template) and use a jigsaw to cut out the square shape.

Clean up all the dust and debris from the right hand back panel, the newly-cut edges, and the floor.



Step 5

Fill the area where the old fridge unit used to be.

Use the square gap filler supplied in the conversion kit and place it in position temporarily while the fit is checked. Once in position, use the new thin panel as a template once again, to mark where the filler piece needs to be cut (see orange area in picture).

Trim the filler piece & remove dust from edges.



Step 6

Attach wooden spacer (supplied) to the back of the filler piece. The spacer needs to be the depth of the void between the rear of the panel and the wall. Modify if needed.



Step 7

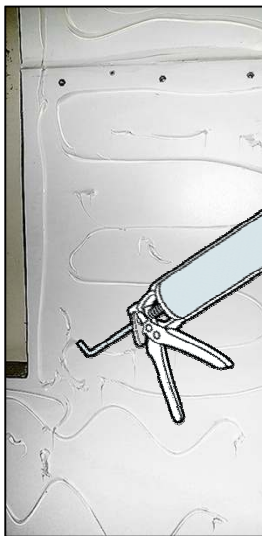
Ensure the edges of the filler piece and the cut-out in the right hand rear panel are free of debris and dust. Use a generous amount of glue on the edges and place the filler piece in position.

Step 8

Install the new back panel

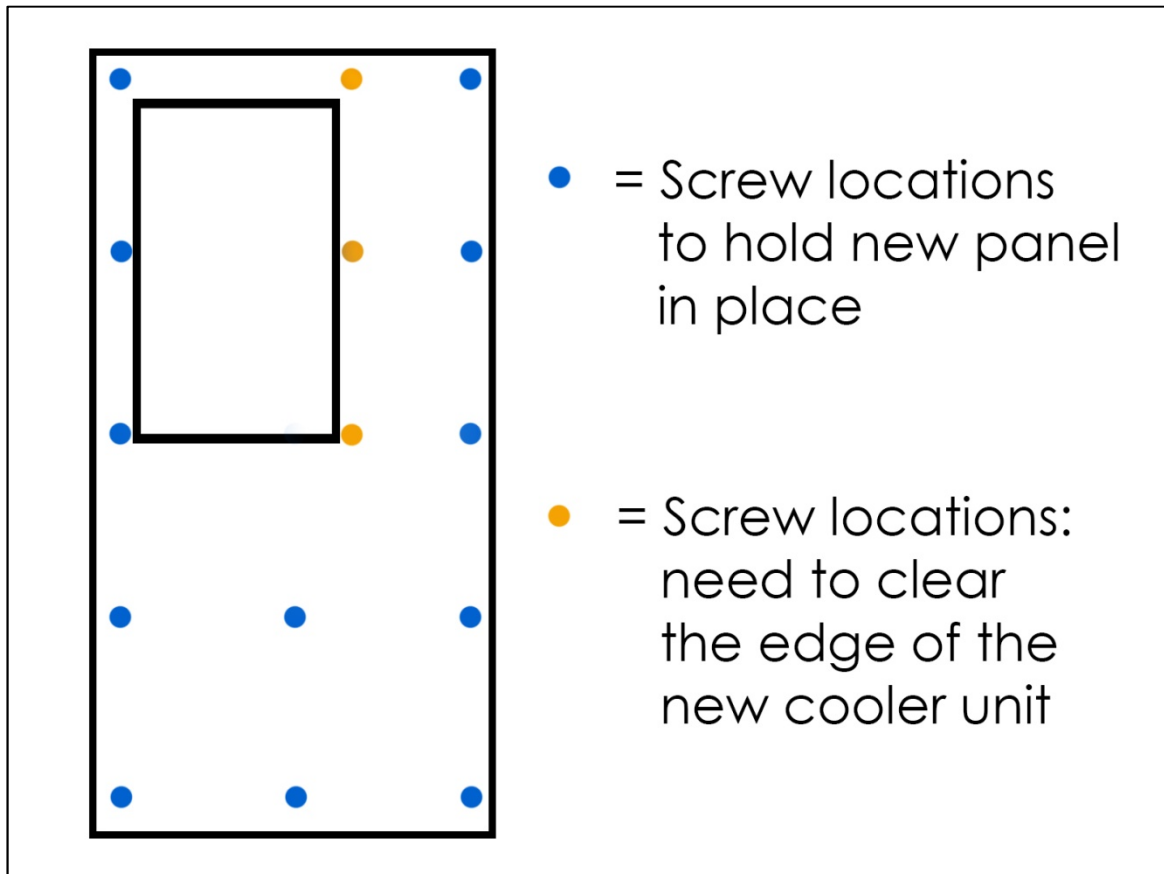
Check surface of the back panel is clean, then glue generously all over and around the edges.

Apply the new panel – start at the top and smooth downwards.



Step 9

When the new panel is in position, secure the panel with the 15 screws and caps provided in the conversion kit. The diagram below indicates where screws are to be located.



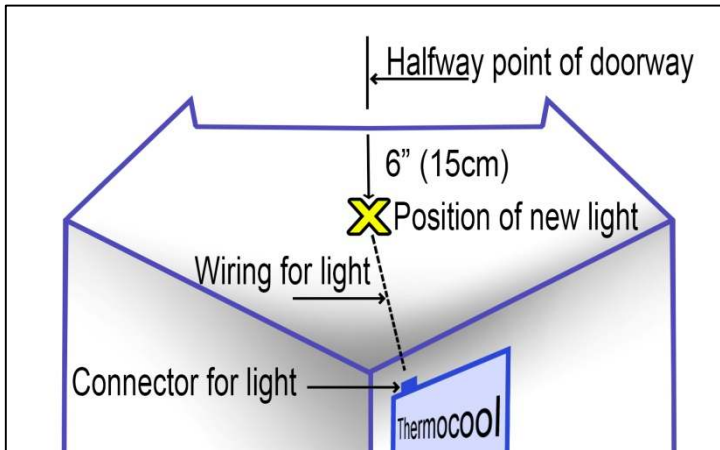
Step 10

Using sealant, seal the join at the top of the new panel where it meets the fridge ceiling.



Step 11

Place the new cooler in to the cut out and secure with the 4 screws provided.



Step 12

Install the light with integral sensor.

Mark the position of the light using the diagram to the left. Measure the halfway point of the doorway. Then measure 150mm into the centre of the fridge, in line with the corner where the back panels meet.

Step 13

When the position has been marked, drill 2 pilot holes, and then install the light with the screws provided.

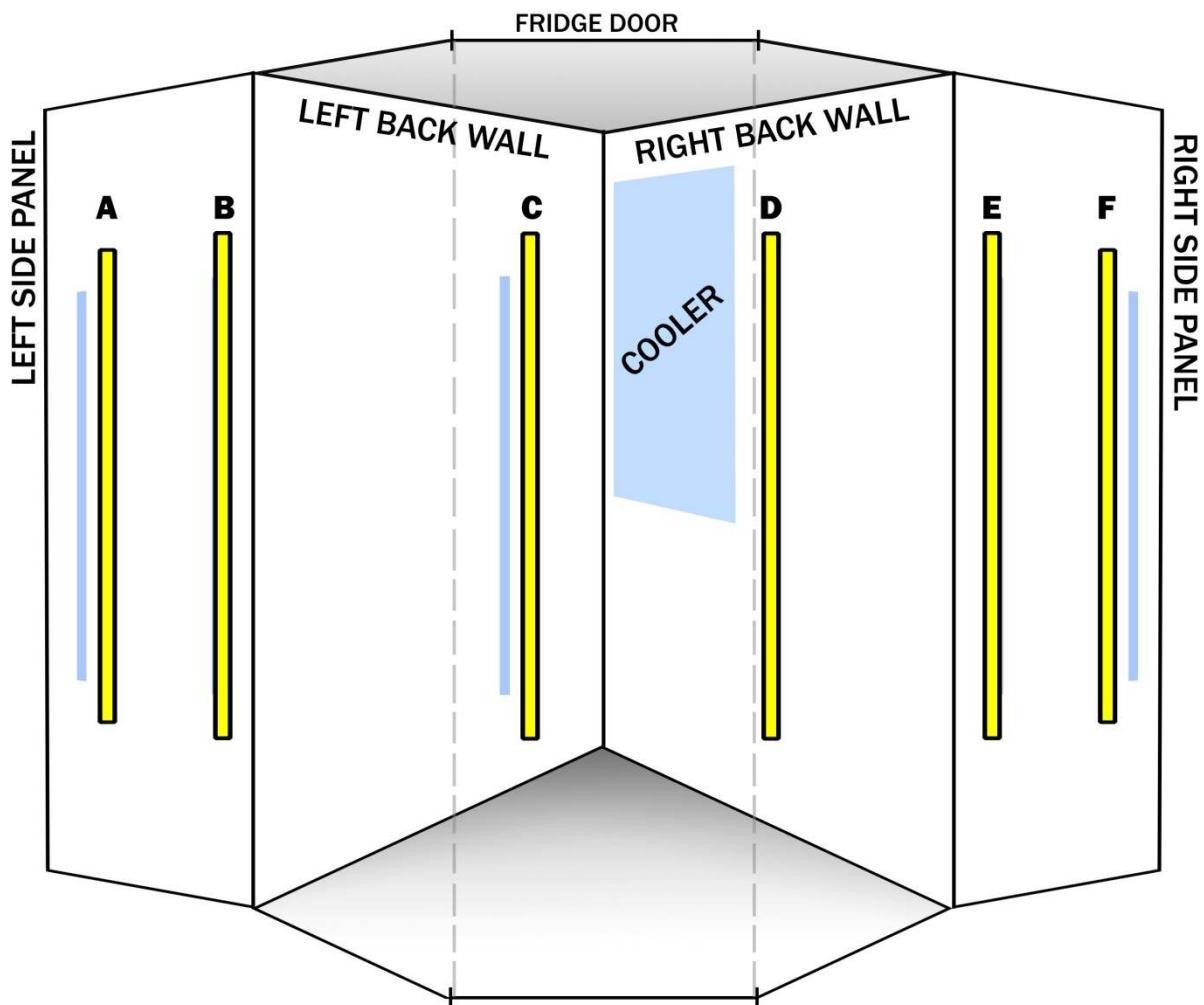
Run the cable from the light towards the back corner and fix the conduit supplied (highlighted in black & yellow).

Connect the plug from the light cable in to the socket located on the top of the cooler unit.



Step 14 - Install the new shelf support rails

The new shelf support rails will accommodate the new cooler unit and make more efficient use of the storage space. The following diagrams indicate where the new support rails need to be installed. Two of the existing rails will be replaced, three of the rails will be installed in close proximity to the other existing rails, and a new rail will be installed to the new rear panel to the right of the cooler unit.



New rail A goes 50mm to the right of the old rail.

New rail B replaces the old rail.

New rail C goes 50mm to the right of the old rail.

New rail D goes 75mm to the right of the cooler.

New rail E replaces the old rail.

New rail F goes 50mm to the left of the old rail.

Step 15



The four shelves are ready to be installed, evenly spaced.

Put the top **three** shelves in position.

Seal the joint between the new rear panel and the fridge floor.

Put the last shelf in position.

Switch on the fridge - Installation is complete.

