



NEW ZEALAND  
**MiniKitchens**



## **ASSEMBLY INSTRUCTION MANUAL**

This manual covers the assembly of the MiniKitchen model K109, however the same basic principles apply to all our MiniKitchen models

Dear Customer

Congratulations, you have just purchased the highest quality, Italian designed and manufactured, kitset, *MiniKitchen* available on the market today.

To fully appreciate the benefits and the ease of assembly of this high quality product, please read and understand the important information and instructions included in this manual.

We know that you will have great satisfaction in owning this product but should you require any support we are here to assist you, please call 0800 789 223

Our very best regards, have fun with the assembly and enjoy your new *MiniKitchen*.

The *MiniKitchen* Team

**TITLAWAY BEDS NZ LTD**

**p** 07 575 0448 / 0800 789 780

**f** 07 575 0449

**e** [info@tiltawaybeds.co.nz](mailto:info@tiltawaybeds.co.nz)

**[www.tiltawaybeds.co.nz](http://www.tiltawaybeds.co.nz)**

**MINIKITCHENS NEW ZEALAND**

**p** 07 575 0448 / 0800 789 223

**f** 07 575 0449

**e** [info@minikitchens.co.nz](mailto:info@minikitchens.co.nz)

**[www.minikitchens.co.nz](http://www.minikitchens.co.nz)**

# SAFETY

We would like you to have the best possible experience assembling your *MiniKitchen*. With that in mind we strongly advise you to adhere to the following safety guidelines.

- Please use any tools, and their recommended safety equipment, according to their manufacturers instructions. Do not use them in a way that may cause injury to yourself, another person or damage to property.
- As this cabinetry is made from high quality dense panelboard some individual pieces are heavy. Please be sensible when lifting or moving objects. Use good lifting techniques or have another person assist you, if required, to avoid personal injury.
- Your *MiniKitchen* should be constructed on a flat hard surface so that once fully assembled it can be easily slid, on its plastic feet, into its final position. We advise you seek help when moving it as the final product will be of considerable weight.  
  
If you are assembling your *MiniKitchen* in a carpeted area we advise you to construct it on a piece of hardboard or MDF type board. This will make it easier to move into its final position and avoid the risk damaging the *MiniKitchen*, or the carpet when it is moved.
- Some tasks are required to be done by qualified tradesmen including plumbing, gas and electrical work. Ensure that you use a licensed electrician or plumber and insist on a certificate of compliance for the work done. This will ensure all work is done to New Zealand standards and complies with your insurance cover.

# TOOLS

The following tools and miscellaneous items are required to successfully assemble your *MiniKitchen*.



- Rubber mallet
- Phillips screwdriver
- Various Drill Bits
- Drill
- Screwdriver #2 Phillips to suit small screws
- Allen Key (supplied) for Heavy Gauge Screws
- Roll of double sided tape for stainless steel splash back
- Hammer
- Tape measure
- Roll of masking tape
- G or F clamp for spring roller
- Box cutter
- Tube of Wet Area Silicone Sealant
- Caulking gun to fit above silicone tube
- Spray bottle with water and a few drops of dish washing liquid added
- Wooden flat square sticks (or similar) to remove excess silicone
- Combination Square
- Pencil

# THE CAM LOCKING SYSTEM

It is important to know how the **CAM**, **CAM PIN** and the **CAM PIN LOCKING SCREWS** operate.

Please note that when correctly installed and locked in place the small indentations on either side of the **CAM**, face the direction on the **CAM PIN**. It is very important that the **CAM** and **CAM PIN** are correctly aligned during assembly.

## THE CAM PIN



**CAM PIN**



Screw the **CAM PIN** into the factory fitted **PIN LOCATORS**.



Correct **horizontal** alignment of the outside **CAM PIN**.

**Horizontal** = Back Panel, Top and Bottom Panels



Correct **vertical** alignment of the inside **CAM PIN**.

**Vertical** = Top of *MiniKitchen*, Bench Top and Bottom Panels

## THE CAM



**CAM**



**CAM** in place with small indentations facing the **CAM PIN**.

## THE CAM PIN LOCKING SCREW



**CAM PIN LOCKING SCREW**



Insert the **CAM PIN LOCKING SCREW** into the **CAM**.

# STEP 1

Carefully open each package with the **BOX CUTTER** taking special care not to damage any of the panels inside when slicing through the packaging tape.

Identify each part in conjunction with the packing slip and arrange these safely around the perimeter of the working area for easy selection.

# STEP 2

Unpack the plastic bag containing the hardware components required to assemble your *MiniKitchen* and sort:



**CAMS**



**CAM PINS**



**CAM PIN LOCKING SCREWS**



**WOODEN DOWELS**



**PLASTIC FEET**



**HEAVY GAUGE SCREWS**



**SHELF LOCATING PINS**



**CUPBOARD HINGES AND MOUNTS**



**SMALL SCREWS**

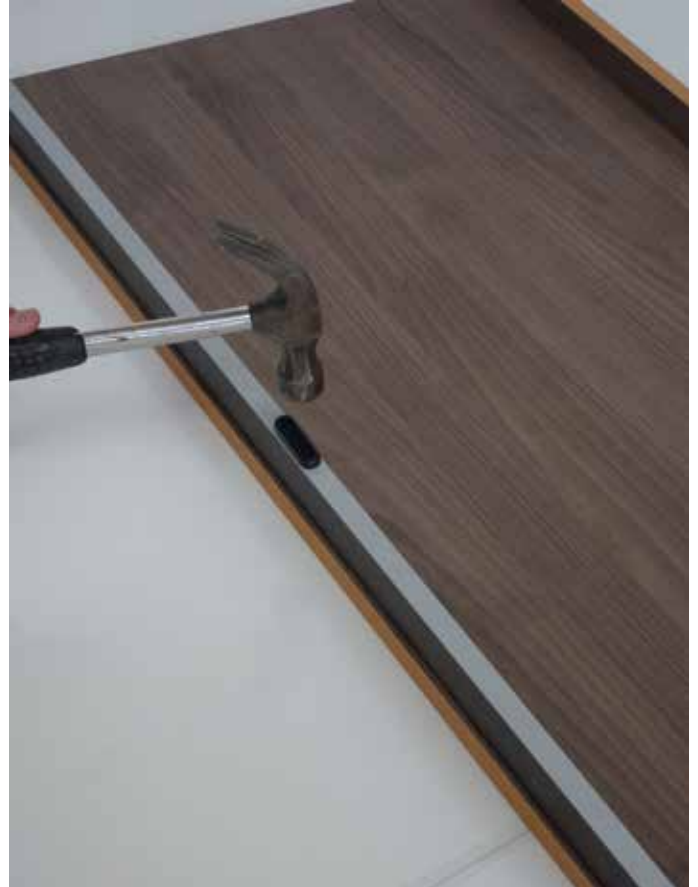
The hardware component pack supplied with each *MiniKitchen* has enough components to cover all *MiniKitchen* models. Do not be concerned if you have surplus hardware at the end of the assembly process.

# STEP 3

## THE BASE



Select the **BASE PANEL**.



Turn the **BASE** upside down and insert the **PLASTIC CABINET FEET** to the bottom of the **BASE**.



Turn the **BASE** over and insert all the **CAMS** into the **BASE** panel taking care to see that the small indentations face the direction in which the **CAM PINS** will be inserted.



Loosely insert the **CAM PIN LOCKING SCREWS**. Do not screw all the way in otherwise it will not be possible to insert the **CAM PINS** when the adjoining panel is attached to the **BASE**.





Insert the **WOODEN DOWELS** into the **BASE**.



Screw the **CAM PINS** into the factory installed **PIN LOCATORS** and align as previously shown.



The **BASE** is now complete.

# STEP 4

## THE CUPBOARD PARTITION

Select the **CUPBOARD DIVISION** that attaches to the **BASE** panel.

Insert assorted hardware i.e. **CAMS**, **CAM PINS**, **CAM PIN LOCKING SCREWS** and **WOODEN DOWELS** as described in the previous section.

The panel is now complete and is attached to the **BASE** panel as follows:



Line up the **CAM PINS** and the **WOODEN DOWELS** and slide the **CUPBOARD DIVISION** down onto the **BASE**.



Tighten the **CAM PIN LOCKING SCREWS**.



This stage is now complete.

## STEP 5



Select the **TOP** and **BOTTOM RAILS** and attach both rails to the **CUPBOARD DIVISION** using the **HEAVY GAUGE SCREWS** and tighten with the **ALLEN KEY** provided.



Note: in either a right hand or left hand MiniKitchen the **BOTTOM RAIL** is always directly under the **SINK BOWL**.

# STEP 6

## FITTING THE STAINLESS STEEL SINK INSERT

At this stage you have choice of either fitting the **STAINLESS STEEL SINK INSERT** to the **BENCHTOP** before the **BENCHTOP** is fitted to the *MiniKitchen* or leave it until after the **BENCHTOP** it is assembled. Here we are going to fit the **STAINLESS STEEL SINK INSERT** first.

The photos in this installation show a cut-out for a Cooktop however not all *MiniKitchens New Zealand* models have this cut-out. This is because some clients do not require a Cooktop. If you do, and your benchtop does not have a cut-out, your Cooktop will come with a cut-out template enabling you to complete this task. Your Cooktop should be installed according to manufacturers recommendations.

Select the **BENCHTOP/WORKING TOP** panel.



Unpack the **STAINLESS STEEL SINK INSERT** assembly components.



**STAINLESS STEEL SINK  
INSERT**



**RETAINING CLIPS**



**RUBBER SEALING STRIP**



Turn the **STAINLESS STEEL SINK INSERT** upside down and press the **RUBBER SEALING STRIP** around perimeter of the **STAINLESS STEEL SINK INSERT**. Be careful not to stretch the **RUBBER SEALING STRIP** as you remove it from the backing sheet as it may become hard to manage.

Apply a bead of **WET AREA SILICONE SEALANT** around the entire perimeter of the **STAINLESS STEEL SINK INSERT** beside the **RUBBER SEALING STRIP**.

Place the **BENCHTOP** face side up on a table and support both ends at a height that will enable you to work from underneath to insert and tighten the **RETAINING CLIPS**.

Carefully lift the **STAINLESS STEEL SINK INSERT** and place it into position in the **BENCHTOP**. This is best done by lifting with one hand through the drain hole and the other steadying the other end of the sink. Take special care not to spread the silicone.



Once the **STAINLESS STEEL SINK INSERT** is in place, working from underneath, loosely tighten the outside left and right **RETAINING CLIPS** to keep the **STAINLESS STEEL SINK INSERT** in position . Do not overtighten at this stage as you may need to realign the **SINK**.

Measure the front edge of the **STAINLESS STEEL SINK INSERT** near each end to ensure that it is parallel with the front edge of the **BENCHTOP**.



When you are satisfied that everything is parallel firmly tighten all of the **RETAINING CLIPS**.



Excess silicone will now be evident around all edges of the **STAINLESS STEEL SINK INSERT**. Spray all of the silicone edges with the soap-water mix which will prevent the silicone adhering to unwanted areas. Remove all of the excess silicone with **WOODEN STICK** (or similar) and the **STAINLESS STEEL SINK INSERT** is now fully sealed.

## STEP 7

### INSTALLING THE BENCHTOP



Insert all of the hardware i.e. **CAM's, CAM PINS, CAM PIN LOCKING SCREWS** as described in the previous sections and the completed **BENCHTOP** is now ready to be installed. Place the **BENCHTOP** in position and tighten the hardware.

# STEP 8

## ADDING THE LEFT HAND SIDE PANEL



Select the **LEFT HAND SIDE PANEL**.



Insert all of the hardware i.e. **PLASTIC FEET, CAM's, CAM PINS, CAM PIN LOCKING SCREWS** and **WOODEN DOWELS** as described in previous sections.



The centre **CAM PINS** should be aligned in the vertical position.



And the outside **CAM PINS** should be aligned in the horizontal position.



With all of the fittings correctly installed, stand the **LEFT HAND SIDE PANEL** against the **BENCHTOP** and **BASE PANEL**. Starting at the bottom, align the **WOODEN DOWELS** and **CAM PINS** with the corresponding holes in the **BASE PANEL** and **BENCHTOP**.



Using the **RUBBER Mallet**, knock the bottom section firmly into position in the **BASE PANEL** checking also that the middle set of hardware is correctly aligning with the holes in the **BENCHTOP**.



Lock the bottom **CAM LOCKING SCREWS** firmly in place .



Using the **RUBBER Mallet**, knock the middle section firmly into the **BENCHTOP**.





Lock the **BENCHTOP CAM LOCKING SCREWS** firmly into place.

## STEP 9

### ADDING THE BACK PANEL



Select the **BACK PANEL** and insert the **CAM's** and **CAM PIN LOCKING SCREW's**.



Slide the **BACK PANEL** into position so that it connects with the **WOODEN DOWELS** and **CAM PINS** on the **LEFT HAND SIDE PANEL**.



Tighten the **CAM PIN LOCKING SCREW'S** on the **LEFT HAND SIDE PANEL** and the **TOP RAIL** that was fitted in Step 5.



Your *MiniKitchen* should now look like this.

# STEP 10

## THE TOP PANEL



Select the **TOP PANEL**. Insert the required hardware and slide the **TOP PANEL** into place then tighten the **CAM PIN LOCKING SCREW'S**.

# STEP 11

## THE MIDDLE VERTICLE PANEL



Select the **MIDDLE VERTICLE PANEL** and insert the hardware i.e. **PLASTIC FEET, CAM'S, CAM PINS, CAM PIN LOCKING SCREW'S** and **WOODEN DOWELS** as described in Step 7) into the left hand side of the **MIDDLE VERTICAL PANEL** only.

**DO NOT** insert the hardware into the right hand side of **THE MIDDLE VERTICAL PANEL** until the panel has been assembled and locked into its correct position.

Now insert the **CAM'S, CAM PINS, CAM PIN LOCKING SCREW'S** and **WOODEN DOWELS** into the right hand side of this **MIDDLE VERTICLE PANEL**.

# STEP 12

## THE LARGE SIDE CUPBOARD

Select the following panels to be installed on the right hand side of the *MiniKitchen*. The small **BASE PANEL**, two **SHELF PANELS**, one **TOP PANEL** and one **BACK PANEL**.

Insert the associated hardware into each panel.



Assemble the small **BASE PANEL**.



Assemble the **SHELF PANEL** and lock into place.



Slide the **SMALL BACK PANEL** into position.



Attach the **TOP PANEL**.

*The model shown in these photographs is the LOWER MICROWAVE model of the K109.*

# STEP 13

## THE LARGE CUPBOARD SIDE PANEL



Select the right hand **SIDE PANEL** and insert all associated hardware i.e. **PLASTIC FEET, CAM's, CAM PINS. CAM PIN LOCKING SCREWS** and **WOODEN DOWELS**.

Assemble this panel as described in Step 11.

# STEP 14

## THE MICROWAVE SHELF



Select the two panels that form the **MICROWAVE SHELF** which is assembled above the **SINK TOP** on the left hand side of the *MiniKitchen*.

Assemble and lock into place.



Secure the vertical panel using the **HEAVY GAUGE POZIDRIVE SCREWS**. Secure the **BACK PANEL** as well using the **ALLEN KEY**.

# STEP 15

## ROLLER SHUTTER ASSEMBLY

Unpack all the the **ROLLER SHUTTER** components.



**ROLLER SHUTTER,  
SPRING ROLLER and  
FRONT GUIDE ROLLER**



**LARGE U BRACKET  
AND AXEL**



**AXEL PINS and  
RUBBER RINGS**



**SMALL U BRACKET  
and COTTER PIN**



**ROLLER SHUTTER FIX  
PLATE and SCREWS**



Screw the **AXLE PLATE** into the  
pre-drilled holes on the left hand **SIDE  
PANEL.**



Then screw the larger **U BRACKET**  
into the pre-drilled holes on the **MIDDLE  
VERTICLE PANEL.**



A smaller **U BRACKET** is installed on either side of the cabinet to hold the **FRONT GUIDE ROLLER** as follows.



Using the **COMBINATION SQUARE** draw a pencil line below the plastic **ROLLER SHUTTER** guide track and in-line with the top corner of the **MIDDLE VERTICAL PANEL** marking the centre line for the **U BRACKET**.



Mark the hole centres and use a **2.5mm DRILL BIT** and drill the two holes.



Attach the **U BRACKET** then repeat the above process on the opposite side of the cabinet.



Select the **AXLE PINS** for the **FRONT GUIDE ROLLER** and place a **RUBBER O'RING** into the second groove of each **AXLE PIN**.



Insert an **AXLE PIN** into either end of the **FRONT GUIDE ROLLER**.





Place the **FRONT GUIDE ROLLER** into position in the **U BRACKETS**.



Secure the **FRONT GUIDE ROLLER** in the **U BRACKETS** by inserting the **COTTER PIN** through the holes in the **U BRACKET** then bend each **COTTER PIN** once it is in position.



Place the female end of the **SPRING ROLLER** onto the **AXLE PLATE** and the opposite end into the **U BRACKET**.



Align the holes in the **AXLE** with those in the **U BRACKET**, place a **COTTER PIN** through the holes and bend on end of the **COTTER PIN**.

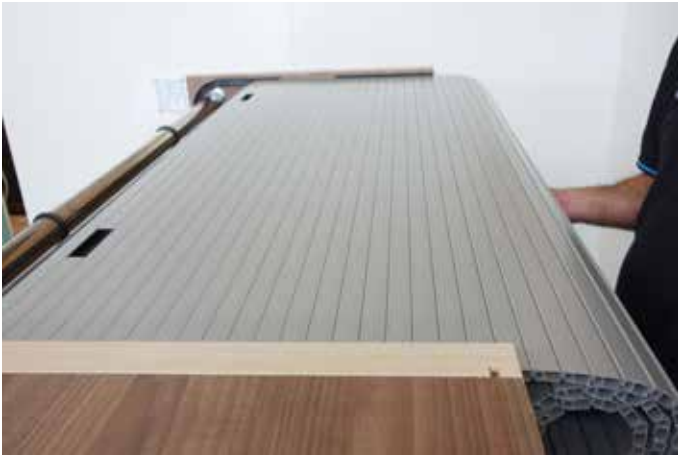
You now need to tension the **SPRING ROLLER**.



To do this you rotate the **SPRING ROLLER**. Working from behind the *MiniKitchen* rotate the **SPRING ROLLER** towards the front of the *MiniKitchen* cabinet for **SEVEN** complete rotations. Hold the **SPRING ROLLER** with one hand and attach the **G CLAMP** to the **SPRING ROLLER** to avoid the **SPRING ROLLER** unwinding and losing tension.



From the back of the *MiniKitchen* cabinet feed the end of the **ROLLER SHUTTER** into the plastic **GUIDE TRACKS**. If **ROLLER SHUTTER** is not running smoothly then spray the **GUIDE TRACKS** with a little silicon spray.



Continue feeding until the **ROLLER SHUTTER** touches the **BENCH TOP**.

The ends of the **ROLLER SHUTTER** now need to be attached to the **SPRING ROLLER**.



When the ends of the **ROLLER SHUTTER** reach the **SPRING ROLLER**. Place a four hole **ATTACHING BRACKET** in position and mark the two outside holes ready for drilling.



Using a **2.5mm DRILL BIT** drill the holes and attach the **ATTACHING BRACKET** firmly in place. Repeat this step on the opposite side.



Release the **G CLAMP** and the **ROLLER SHUTTER** is now complete.

## STEP 16

### FITTING THE PLATE RACKS

Unpack the **PLATE RACKS** components.



**PLATE RACK SLIDES**



**PLATE RACKS and TRAY**



**SCREWS**



Fix the plastic **PLATE RACKS SLIDES** to the cabinet walls above using the pre-drilled holes.



Clip in the **PLATE RACKS** and slide the **TRAY** into place.

## STEP 17

### FITTING THE UTENSIL RAIL

Unpack the **UTENSIL RAIL** components.



**END CAP**



**RAIL HOLDERS**



**HOOKS**



**MOUNT PEG**



**ROD**



**GRUB SCREWS**

Mounting position for the **UTENSIL RAIL** is a personal preference. We suggested the following mounting position for the *MiniKitchen* K109 model. PLEASE NOTE, Measurements will be different for the other MiniKitchen models.



To install the **MOUNT PEG** take a measurement from the **left hand end** of the **BENCH TOP**, up the **BACK PANEL** of **450mm** high and **205mm** out from the **LEFT HAND SIDE PANEL** mark this spot. This is now the left hand hole centre for the **MOUNT PEG**.



Now repeat this on the right hand end to establish the right hand hole centre. Using 38mm screws, attach the **MOUNT PEGS** to the **BANK PANEL**.



Thread the three hooks onto the **UTENSIL RAIL**. Insert the **GRUB SCREWS** into both of the **RAIL HOLDERS** and slide one on each end of the **UTENSIL RAIL**. Insert an **END CAP** on each end of the **UTENSIL RAIL**.

Place the **RAIL HOLDERS** over the **MOUNT PINS** and tighten the two **GRUB SCREWS** on each **RAIL HOLDER** with the **ALLEN KEY**.

# STEP 18

## FITTING THE STAINLESS STEEL SPLASH BACK



Attach **DOUBLE SIDED TAPE** around the top, bottom and ends of the **STAINLESS STEEL SPLASH BACK** about 10mm from all of the edges. **DO NOT** remove backing tape.



Place the **STAINLESS STEEL SPLASH BACK** in place on the **STAINLESS STEEL SINK INSERT** and run **MASKING TAPE** along the top edges. This is to mark where the **STAINLESS STEEL SPLASH BACK** will sit when applying **WET AREA SILICONE**.



Remove the **STAINLESS STEEL SPLASH BACK**.



Apply **WET AREA SILICONE** below the tape line as shown around the three sides of the cabinet.

**DO NOT** use excessive amounts of **WET AREA SILICONE**.



Apply a fine line of **WET AREA SILICONE** around the three sides of the **STAINLESS STEEL SINK INSERT** where it meets the **SIDE** and **BACK PANELS**.



Remove the **PLASTIC PROTECTION FILM** from the inside of the **STAINLESS STEEL SPLASH BACK**.



Remove the plastic backing from the **DOUBLE SIDED TAPE**.



Carefully feed the **STAINLESS STEEL SPLASH BACK** into its final position commencing from the left hand side of the cabinet, pressing firmly into place as you work your way around to the right hand side of the cabinet.



Check the entire **STAINLESS STEEL SPLASH BACK** to make sure that it is firmly in place and remove the **MASKING TAPE**.



Spray the **SOAPY WATER MIX** along the all the edges of the **STAINLESS STEEL SPLASH BACK**, including top, bottom where it meets the **BENCH**. This will stop the silicone sticking to unwanted surfaces. Using the **WOODEN STICK** (or similar) remove the excess silicone from all edges.

Clean the area down and you have successfully installed the **STAINLESS STEEL SPLASH BACK**.

# STEP 19

## ASSEMBLING THE CUPBOARD DOORS

Before you begin please note:

For *MiniKitchen* models that have **INTERNAL DIVISIONS** in the base cabinet, such as models K108, K120, K132 and the K133, a **FULL CRANK HINGE** is used on the left and right hand side of the cabinet and the **HALF CRANK HINGE** is used on the **INTERNAL DIVISIONS**.

The following photograph will assist you to determine the difference between the two. The left hinge is a **HALF CRANK HINGE** and the right hinge is a **FULL CRANK HINGE**.



Select the **CUPBOARD DOORS**.



Turn the doors over and insert the **HINGES** in the pre-drilled holes.

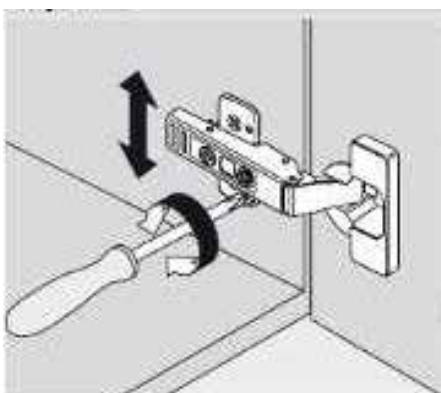




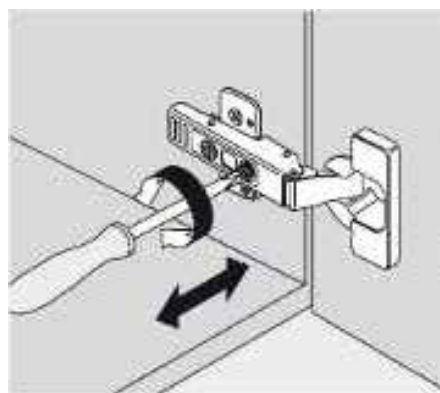
Attach all of the **HINGE MOUNTS** to the cabinetry. Position the **HINGE MOUNTS** with the arrow shown on the mount so that it is facing the front of the *MiniKitchen*.

Attach the doors by clipping the **HINGES** into place on the **HINGE MOUNTS**. The Hinges as shown are know as **HALF CRANK HINGES**.

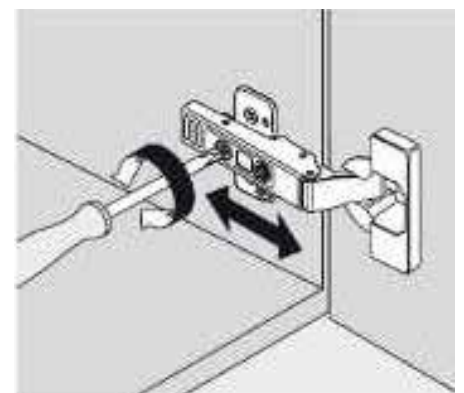
Adjust the **HINGES** as required once the *MiniKitchen* is located in its final position to ensure all cupboard door side and tops align and operate correctly.



Height Adjustment



Side Adjustment



Depth Adjustment

# STEP 20

## MOUNTING THE DOOR HANDLES

The placement of the door handles is very much a personal preference however we will show you our preferred position. Place a piece of masking tape roughly in the position of where the **HANDLES** will be attached as shown below. This will allow you to mark the hole centres on the tape without marking the **CUPBOARD DOOR**. Drill the hole centres and attach the handles to the doors.



# STEP 21

## FITTING THE TRASH BIN



Mount the **PLASTIC BRACKETS** for the **LID** and **BASE** of the **TRASH BIN** on the inside of the cupboard.



Mount the **PLASTIC BASE BRACKET** on the cupboard door.



Attach the **LID** and the **TRASH BIN** base.



Congratulations you have now successfully assembled your *MiniKitchen*.