



X-Range Barbecues

Before you begin >>>



3D-GUIDED INTERACTIVE ASSEMBLY
INSTRUCTIONS CAN BE FOUND ON **BILT**[®]
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Assembly Instructions

Photograph is not to scale. Specifications may differ slightly from the images shown.
Assembly refers to the X450 model. The same assembly steps apply for the X250, X350 and X475 models.



X450 Model



X250 Model



X350 Model



X475 Model

Product Features

Ignition Type: Electronic Ignition (main burners), Piezo Ignition (side burner)

Grill Type: Sahara® Grill Insert System

Side Burner: Yes

Side Cart: Yes (for X475 Model)

Warming Rack Type: Extendable

Drinks Holder: Yes

Viewing Window: Yes

Rotisserie Compatible: Yes


Manufactured by

Universal Innovations





682A/683A/684A

Parts Supplied

Ref	Description	Illustration	Qty	Ref	Description	Illustration	Qty
1	Base		1	14	Grease Tray		1
2	Left + Right Side Wall		1	15	Grease Cup Bracket		1
3	Cabinet Brace Plate		2	16	Grease Cup		1
4	Cabinet Front Panel		1	17	Grease Cup Cap		1
5	Axle Assembly		1	18	Left Side Shelf*		1
6	Castor Assembly		2	19	Gas Hose + Regulator		1
7	Cylinder Supports		2	Parts 20 - 27 only apply to the X475 Model.			
8	Sink + Hood Assembly		1	20	Castor Wheel		4
9	Thermometer		1	21	Trolley Frame		2
10	Right Side Shelf		1	22	Trolley Shelf		2
11	Vaporising Bars*		4	23	Trolley Rail		2
12	Cooking Grill		1	24	Handle Assembly		1
13	Warming Rack		1	25	Tabletop		1
				26	Chopping Board		1
				27	Utility Bin		1

* **Note:** • The X350 model only has 3 vaporising bars. • The X250 model only has 2 vaporising bars.
• The Left Side Shelf does not apply to the X475 Model.

Fixings Supplied

Ref	Description	Illustration	X450 Qty	X350 Qty	X250 Qty	X475 Qty
A	M6 x 12 Bolt		47	47	46	64
B	M6 x 45 Bolt		0	0	0	8

Fixings not shown at actual size.


Tools Required For Assembly

- Allen Key (supplied)
- 13mm Spanner (supplied)
- 19-22mm Spanner (supplied)

Assembly

- Please lay out all nuts and bolts and check lengths before assembly. It is recommended that the carton is cut open and spread out on the floor and used as a protective surface during assembly. Refer to the assembly diagrams as necessary.
- Important - while every precaution has been made in the manufacture of this product, care must be taken during assembly in case sharp edges are present.
- Remove all transit packaged parts from the inside of the grill body before assembling.

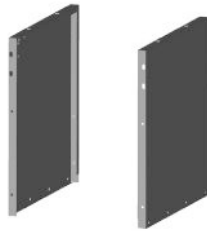
Technical Data

CE Approval:	 2797/22	UK CA 0086/22 <small>0359DL05646</small> Global Headquarters Universal Innovations Kilcoole Industrial Estate Kilcoole Co. Wicklow Ireland A63 DX27
Main Burner Heat Input (X450):	3.9kW (main burner) x 4 =15.6kW	
Main Burner Heat Input (X475):	3.9kW (main burner) x 4 =15.6kW	
Main Burner Heat Input (X250):	3.9kW (main burner) x 2 =7.8kW	
Main Burner Heat Input (X350):	3.9kW (main burner) x 3 =11.7kW	
Side Burner Heat Input:	3.1kW	
Injector Size:	Main burner 0.95mm, side burner 0.85mm	
Gas/Pressure:	Butane-28mbar/Propane-37mbar	
Gas Consumption (X450):	1350 grams per hour	
Gas Consumption (X475):	1350 grams per hour	
Gas Consumption (X250):	785 grams per hour	
Gas Consumption (X350):	1065 grams per hour	
Gas Category:	I3+	
Total Heat Input (X450):	3.9kW (main burner) x 4+3.1kW (side burner) =18.7kW	
Total Heat Input (X475):	3.9kW (main burner) x 4+3.1kW (side burner) =18.7kW	
Total Heat Input (X250):	3.9kW (main burner) x 2+3.1kW (side burner)=10.9kW	
Total Heat Input (X350):	3.9kW (main burner) x 3+3.1kW (side burner) =14.8kW	

Assembly Step 1



Base



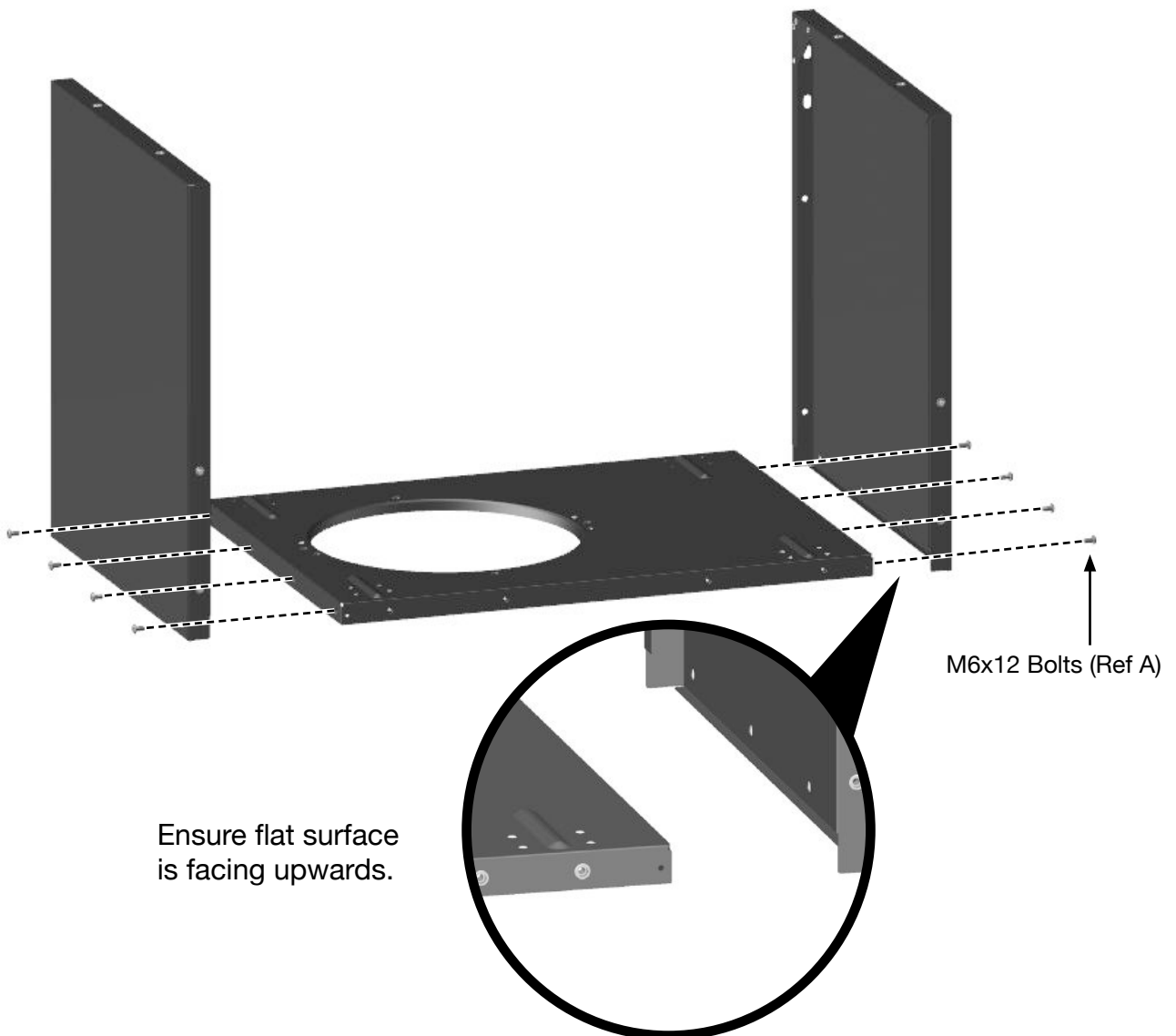
Left + Right Side Wall



M6x12 Bolt (Ref A)

Fit left and right side walls to base as shown below using 8 of the M6x12 bolts (Ref A). Finger-tighten only at this stage.

This is a view from the back.



Assembly Step 2

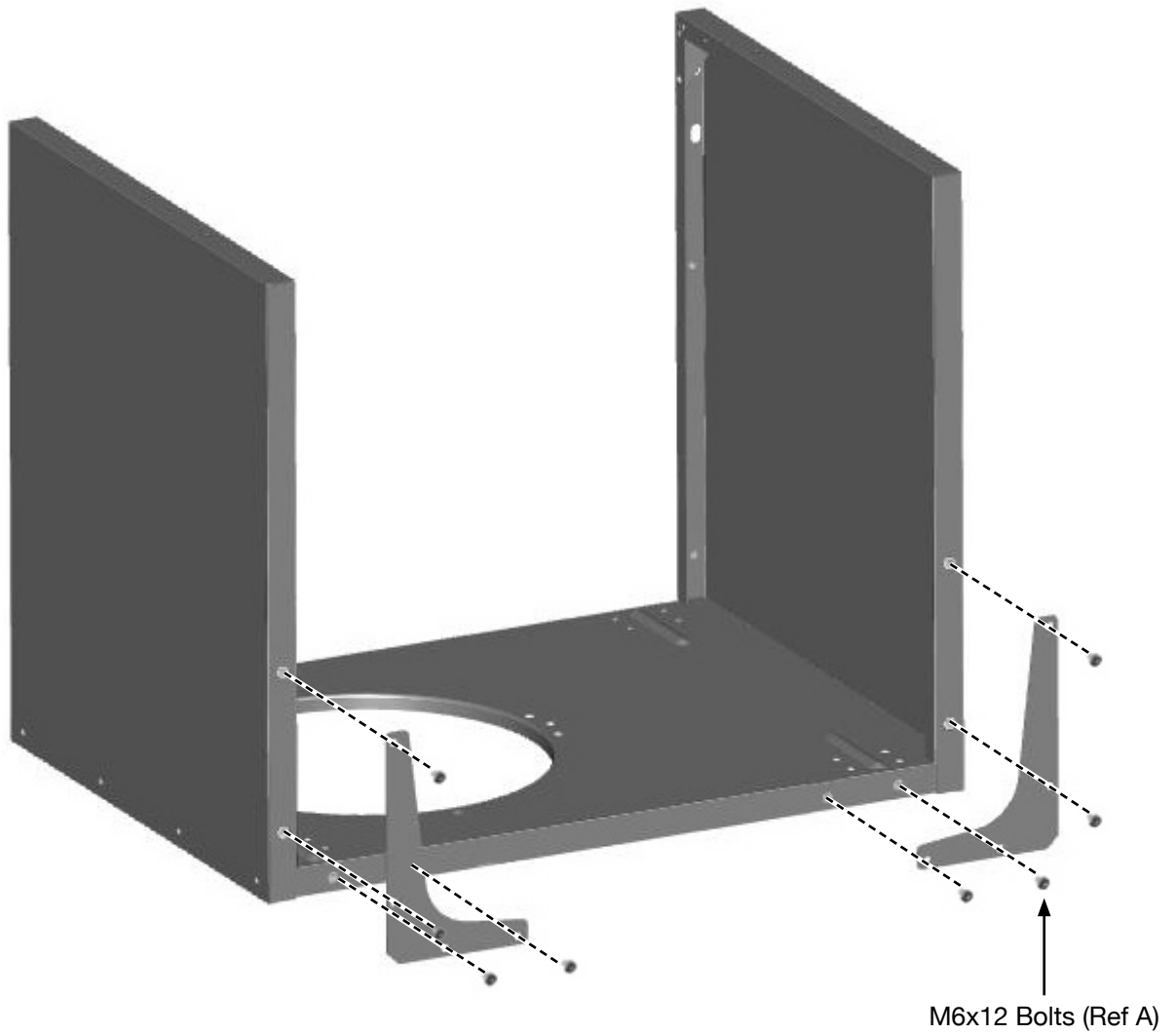


Cabinet Brace Plate



M6x12 Bolt (Ref A)

Fit the two cabinet brace plates to the base and side wall assembly using 8 of the M6x12 bolts (Ref A) as shown below. Finger-tighten only at this stage.



Assembly Step 3



Cabinet Front Panel

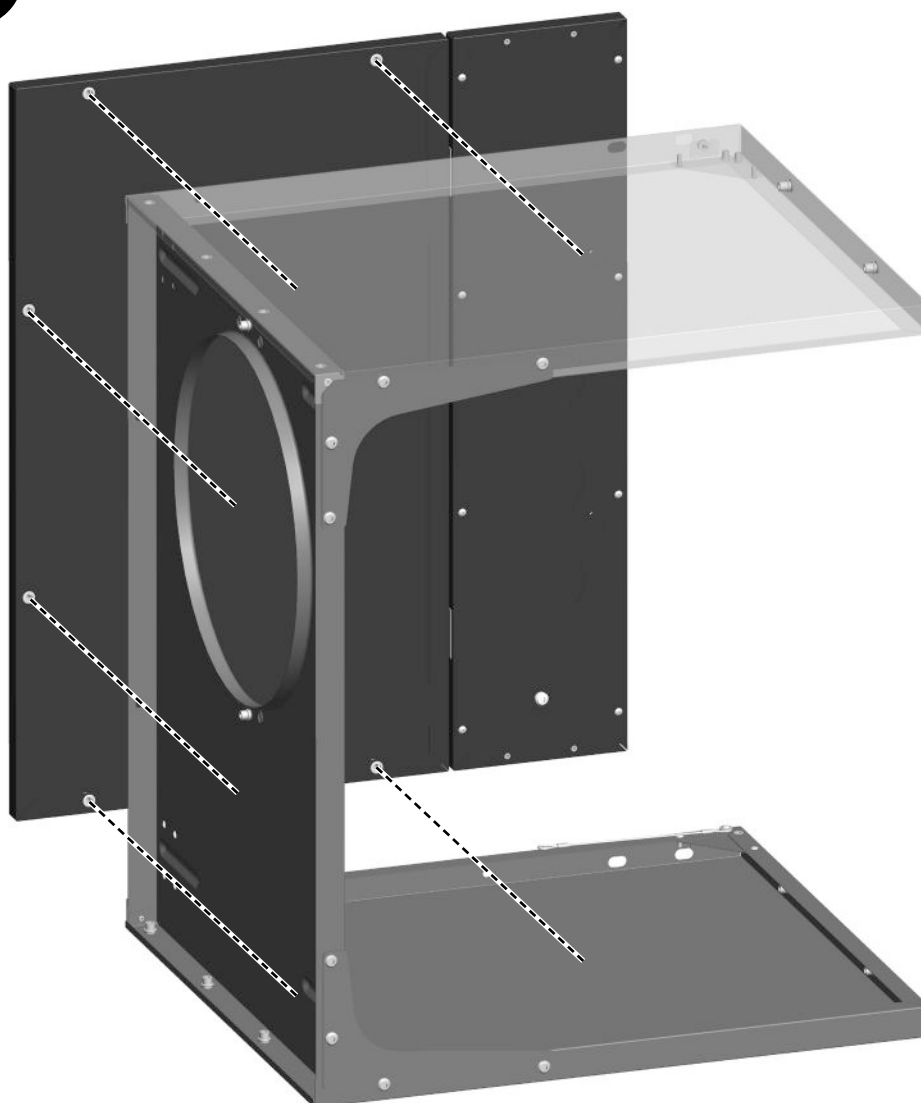


M6x12 Bolt (Ref A)

Note: Flip cabinet assembly over so that the left side wall is on the ground. Fit cabinet front panel to base and side wall assembly as shown below using 6 of the M6x12 bolts (Ref A). Finger-tighten only at this stage.

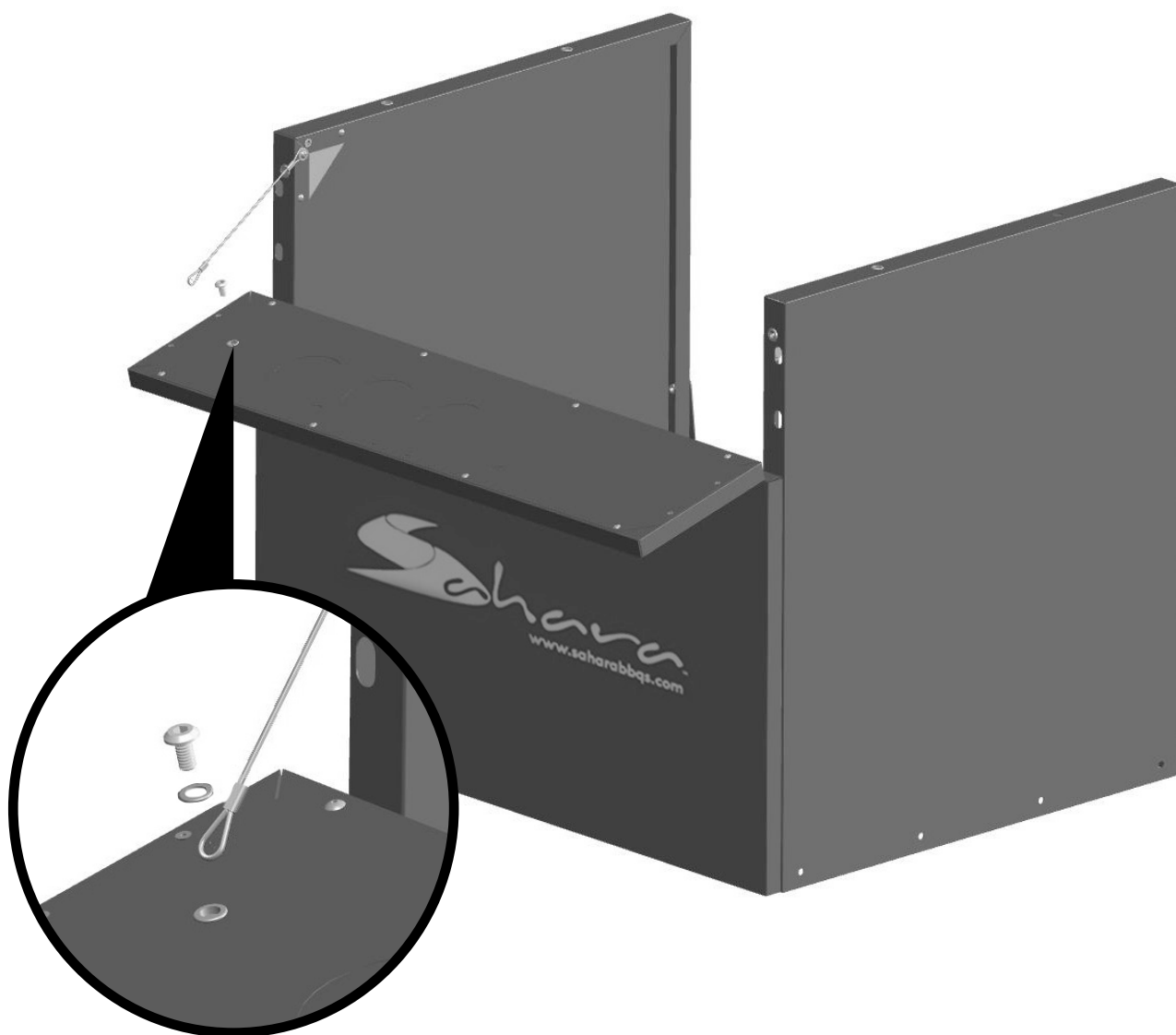
Note: An extra person will be needed to hold the door in position while tightening the fixings.

Note: The X250 model only requires 5 of the M6x12 bolts (Ref A).



Assembly Step 4

Secure chain to cabinet front panel using the pre-fitted M6x12 bolt and washer. Tighten all bolts at this stage.



Assembly Step 5



Axle Assembly



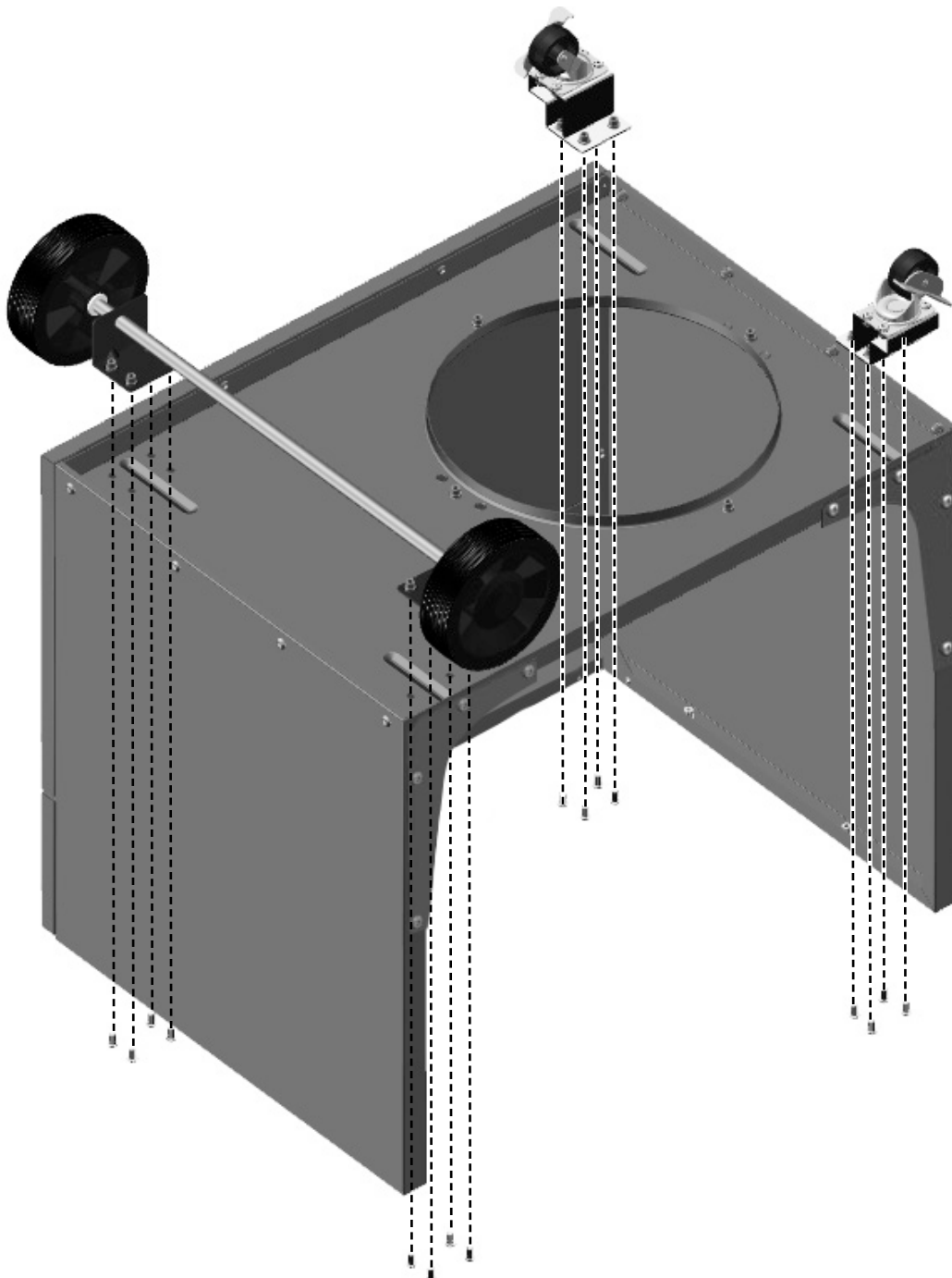
Castor Assembly



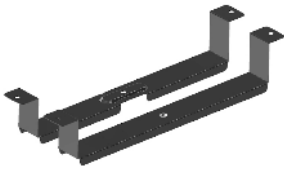
M6x12 Bolt (Ref A)

Turn the barbecue cabinet over and fit axle assembly and two castor assemblies to the barbecue cabinet base using 16 of the M6x12 bolts (Ref A).

Note: Axle side with cut-out goes to back side of cabinet.



Assembly Step 6



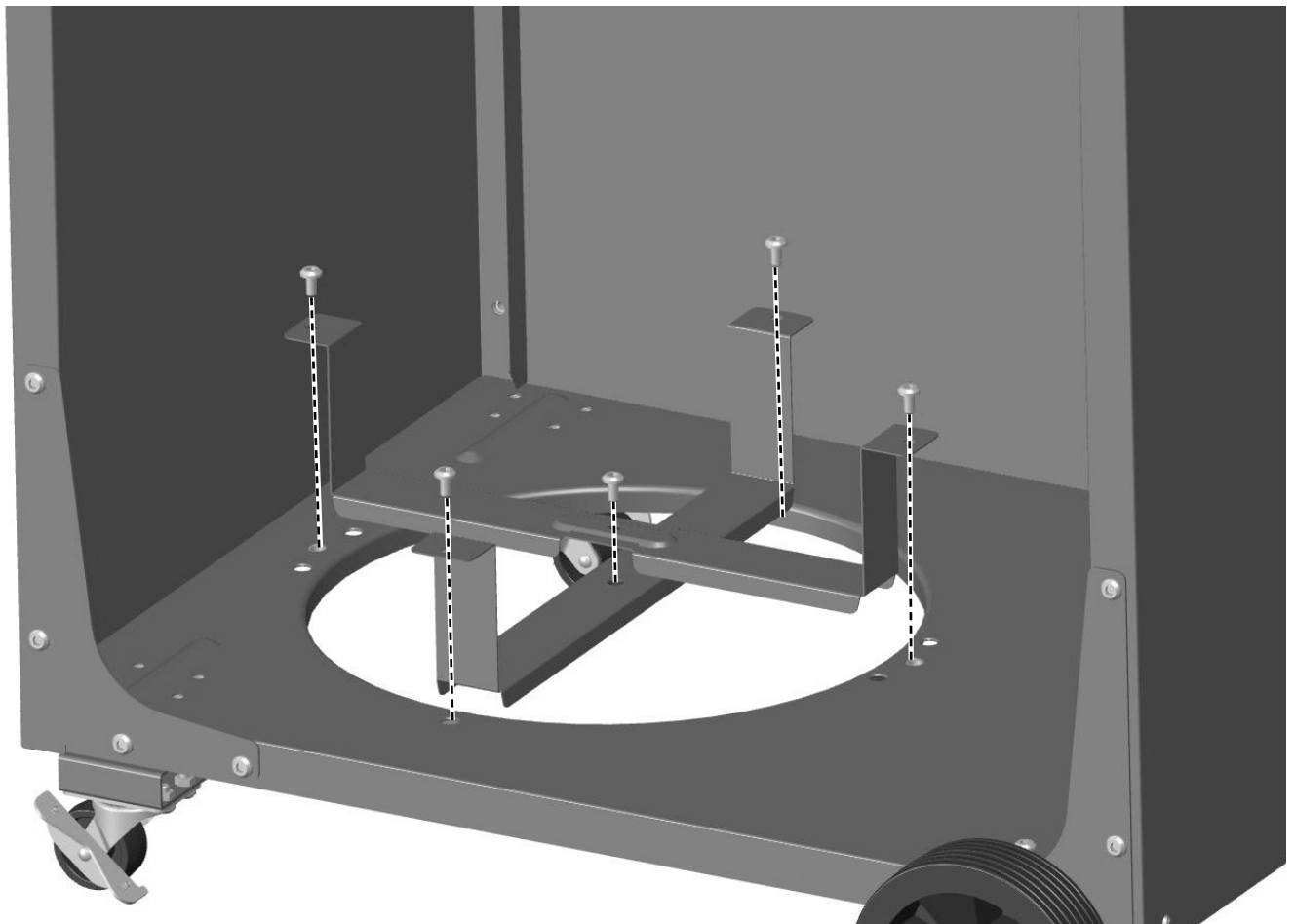
Cylinder Supports



M6x12 Bolt (Ref A)

Turn the barbecue cabinet over and fit the two cylinder supports using 5 of the M6x12 bolts (Ref A).

Note: Once barbecue is assembled and rolled into position, press castor levers down to lock castors in place.



Assembly Step 7



Sink + Hood Assembly



M6x12 Bolt (Ref A)



Thermometer

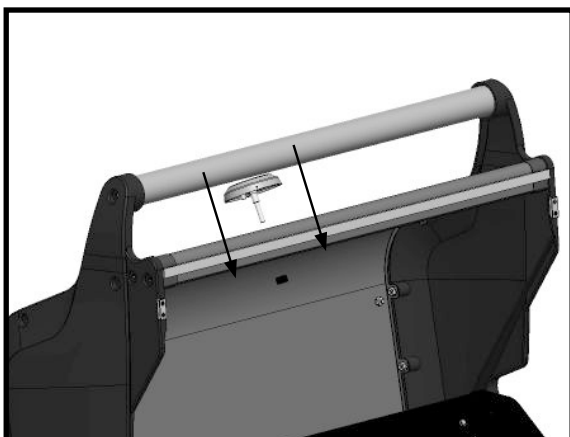
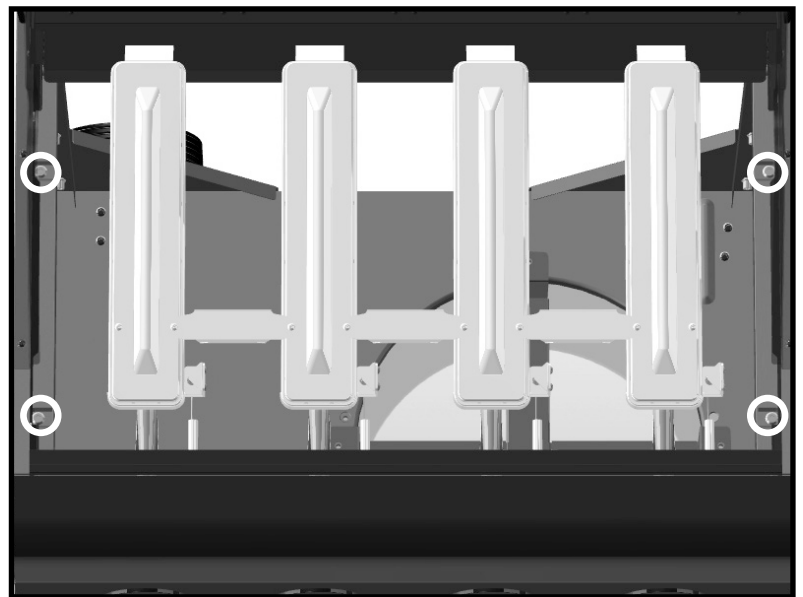
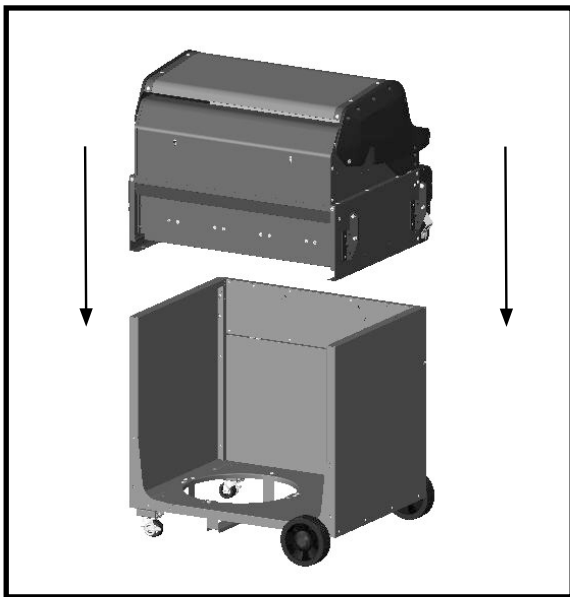
Position sink + hood assembly onto cabinet. Open hood and use 4 M6x12 bolts (Ref A) to secure sink + hood assembly to cabinet. Be sure that the edges of the sink and hood assembly are even with the edges of the barbecue cabinet before tightening bolts.

Note: Fixing holes are located on inside of sink (2 on each side).

Note: Two people are required to lift sink + hood assembly into position.

Note: The X350 model only has 3 burners (sink + hood assembly will be a smaller width than the model shown here).

The X250 model only has 2 burners (sink + hood assembly will be a smaller width than the model shown here).



Remove nut from thermometer and insert thermometer through the holes in the glass window, ensuring the longer probe goes into the lower hole. Tighten the nut on the inside of the glass until it is finger tight.

Assembly Step 8



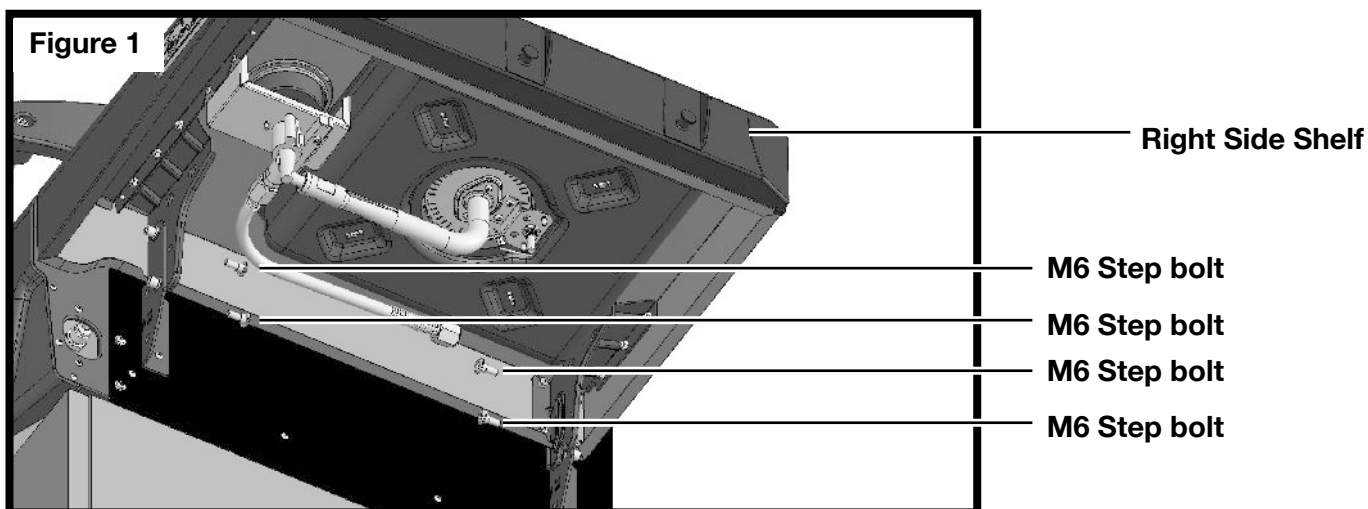
Right Side Shelf

Note: The Right Side Shelf is equipped with a side burner as shown in the figure to the left. Use the burner for heating sauces or liquids in a small pan, or for various other food preparations.

Note: There is a protective plastic cap fitted to the end of the gas pipe. Please unscrew and remove this before proceeding.

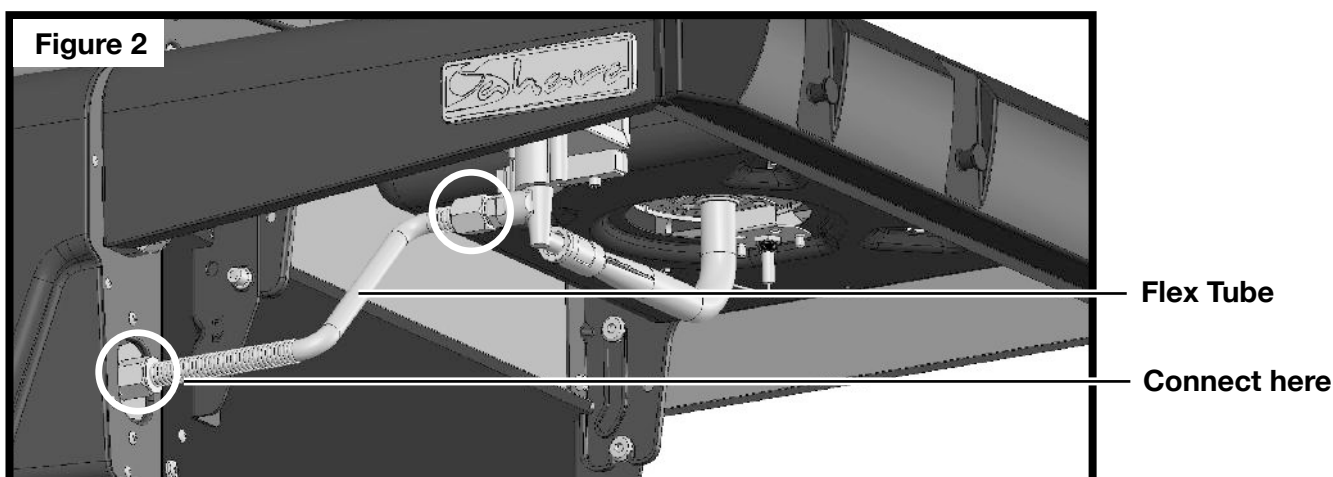
Note: 2 people are needed for this step. Remove the four pre-fitted bolts from the sink. While one person holds the shelf in position, insert the four bolts as shown and tighten so that the shelf is fixed in position.

NOTE: This shelf should not be collapsed. Secure all bolts tightly.



On the underside of the side shelf, locate the flex tube and bend it down to connect it to the BBQ sink. Tighten the nut with the 19mm head of the 19-22mm spanner (provided) and leak test at both circled areas in Figure 2.

Note: Make sure the flex tube nut is aligned correctly and that the nut screws on freely and evenly (so as to avoid cross threading it).

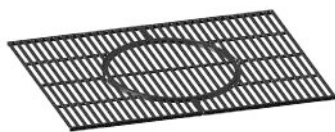


* Check for leaks with soapy water and a paint brush, before using the appliance.

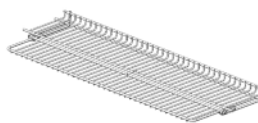
Assembly Step 9



Vaporising Bars (x4)



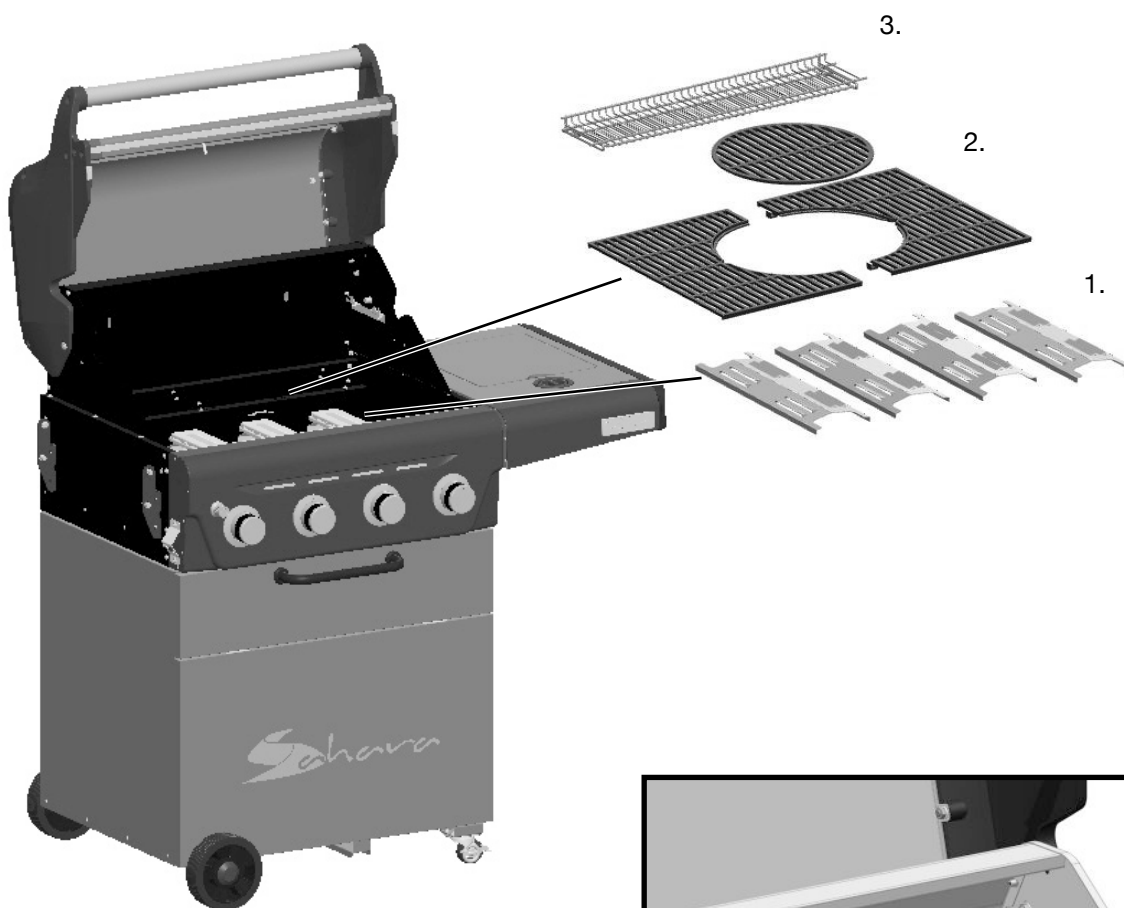
Cooking Grill



Warming Rack

1. Fit vaporising bars (x4) into position as shown.
2. Fit cooking grill into position as shown.
3. Fit warming rack into position as shown.

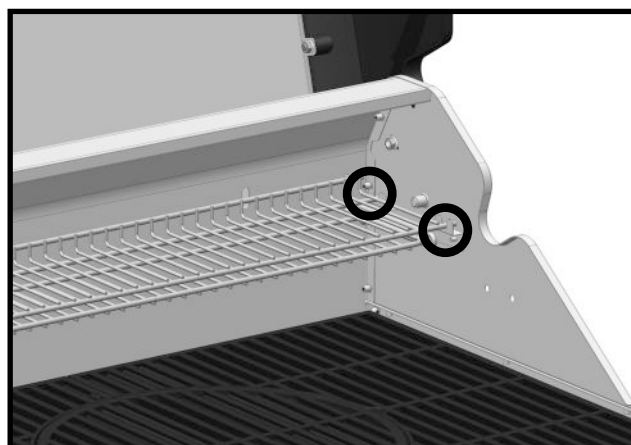
Note: As a convenience feature, there is a bottle opener on the left side of the barbecue sink + hood assembly.



Note:

The X350 model only has 3 vaporising bars.
The X250 model only has 2 vaporising bars.

Note: Move recently cooked items to the Warming Rack to keep warm prior to serving. Using a BBQ tool, pull out the rack lower section to extend to provide more warming surface area.



Assembly Step 10



Grease Tray



Grease Cup Bracket

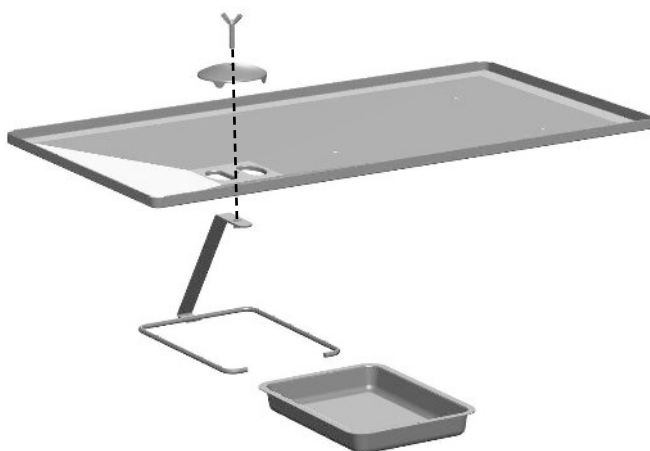


Grease Cup



Grease Cup Cap

Attach grease cup bracket and grease cup cap to grease tray using the pre-fitted wing bolt and then slide grease cup into the grease cup bracket. Slide grease tray into the back of the barbecue as shown below.



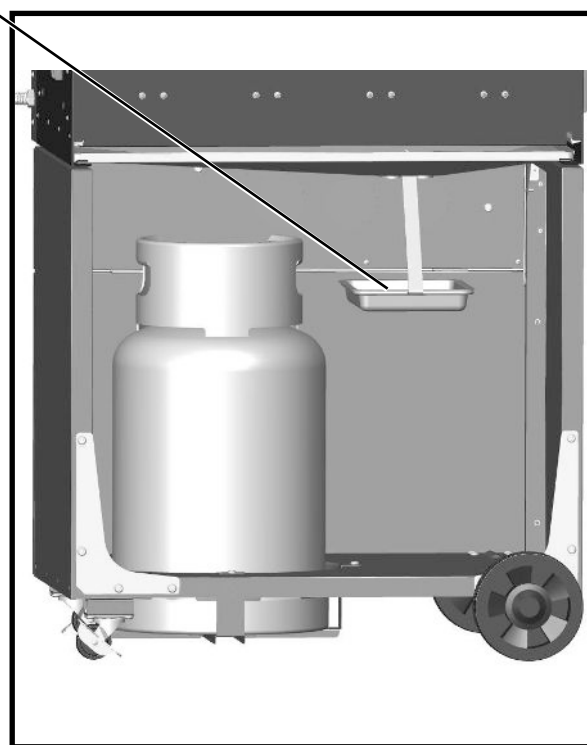
Maximum
bottle size



580mm

315mm

Note: grease cup needs to be on the opposite side to the gas cylinder.



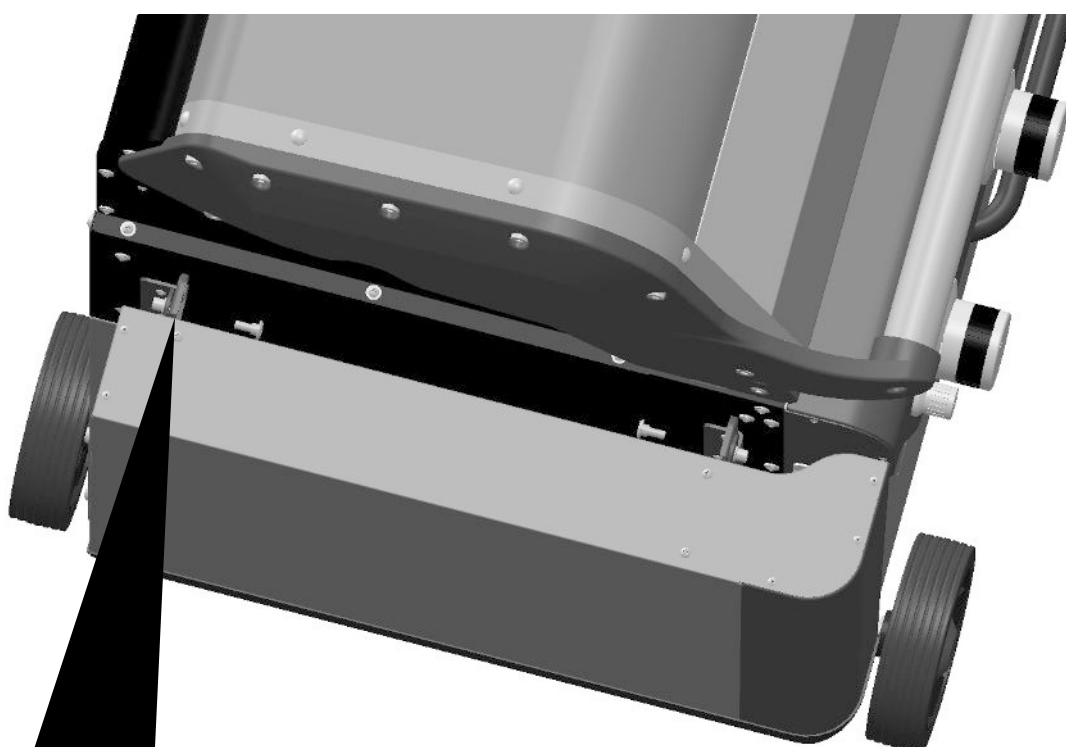
Assembly Step 11

Note: If your BBQ has a side cart, skip this step. If your BBQ has no side cart, the next step is the last step.



Left Side Shelf

Use 2 x M6 step bolts (pre-fitted) to secure the left side shelf.



Note: side tray can be folded down for easy storage.

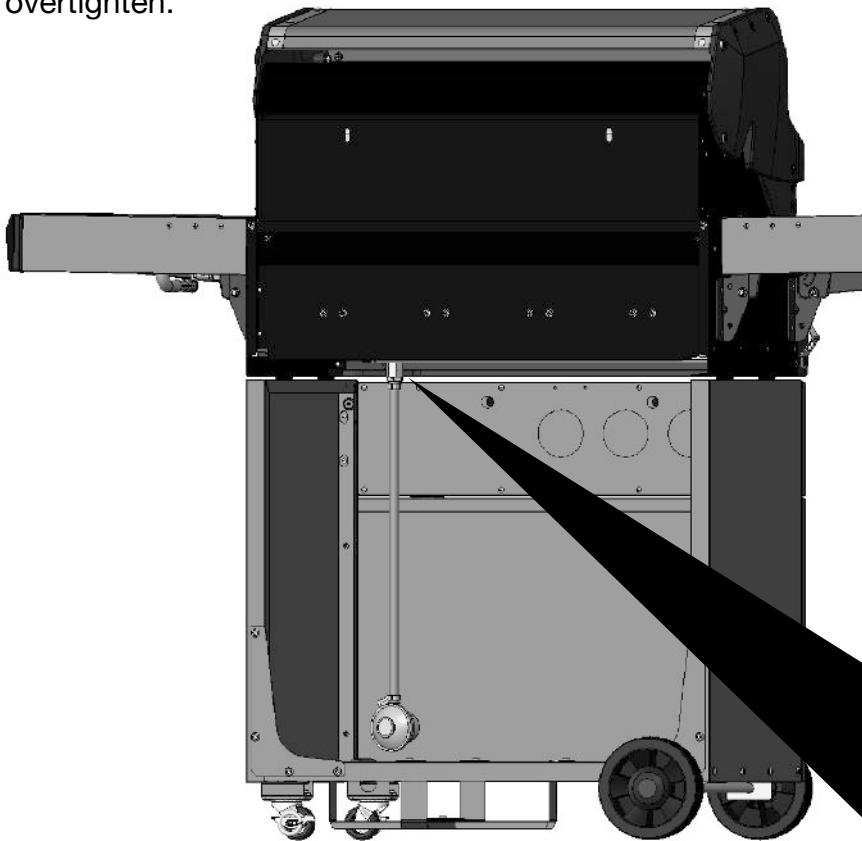
Assembly Step 12



Gas Hose and Regulator

Note: There is a protective plastic cap fitted to the end of the gas pipe. Please unscrew and remove this before proceeding.

Screw the hose connection onto the bottom of the barbecue as shown and then gently pinch with the 22mm head of the 19-22mm spanner to secure. DO NOT overtighten.



IMPORTANT - PERFORM LEAK TESTING AT THIS STAGE BEFORE USE.

SEE 'LEAK TESTING' SECTION OF MANUAL FOR INSTRUCTIONS.

FAILURE TO CHECK AND PERFORM THE LEAK TEST COULD CAUSE SERIOUS INJURY, AND DAMAGE THE BARBECUE.

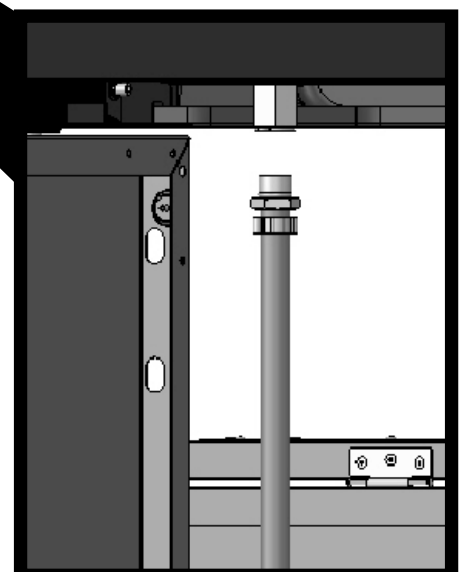
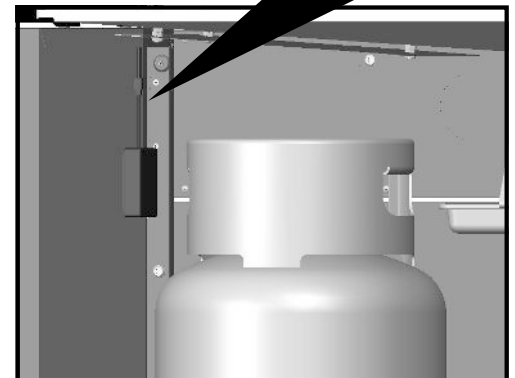
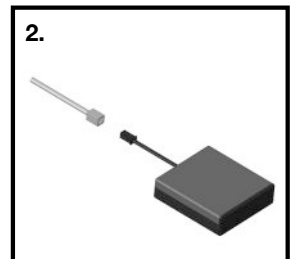
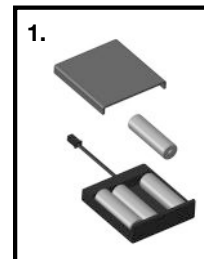
IMPORTANT - PLEASE ENSURE THE GAS HOSE IS FREE OF KINKS AND TWISTS.

IMPORTANT: If your barbecue has been pre-assembled, please check the hose connection to ensure it is tight.

LED Control Dials

If your barbecue has LED Control Dials:

1. Place 4 x AA batteries into the battery box.
2. Connect the wire from the battery box to the wire hanging from the sink.
3. Place the battery box onto the wall of the sink, away from the grease tray. Use the location label to position the battery box correctly.
4. Turn on the lights to test. The control dial will signal a blue light if the burner is off, and a red light if the burner is on.



Assembly Step 13

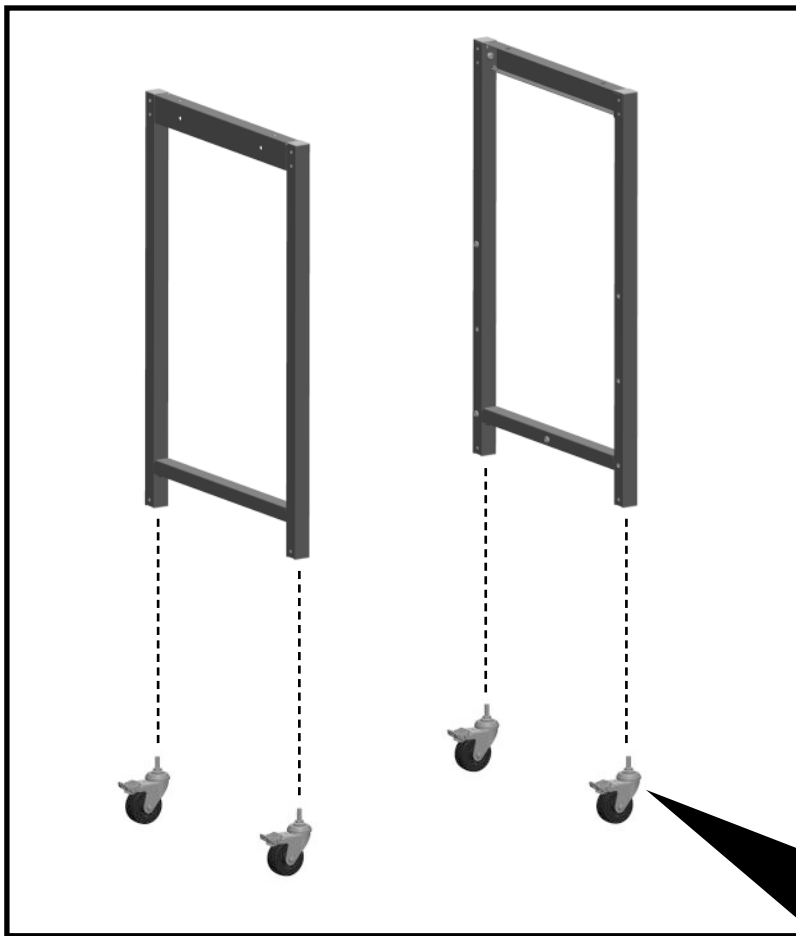


Trolley Frame x 2

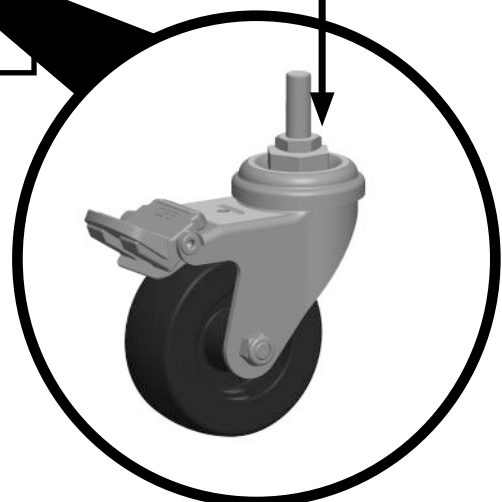


Castor Wheel (x4)

Fit the 4 castor wheels to the trolley frames as shown below. The castor wheels screw into the bottom of the trolley frame legs and need to be tightened with a 13mm spanner.



Tighten here



Assembly Step 14



Trolley Frames



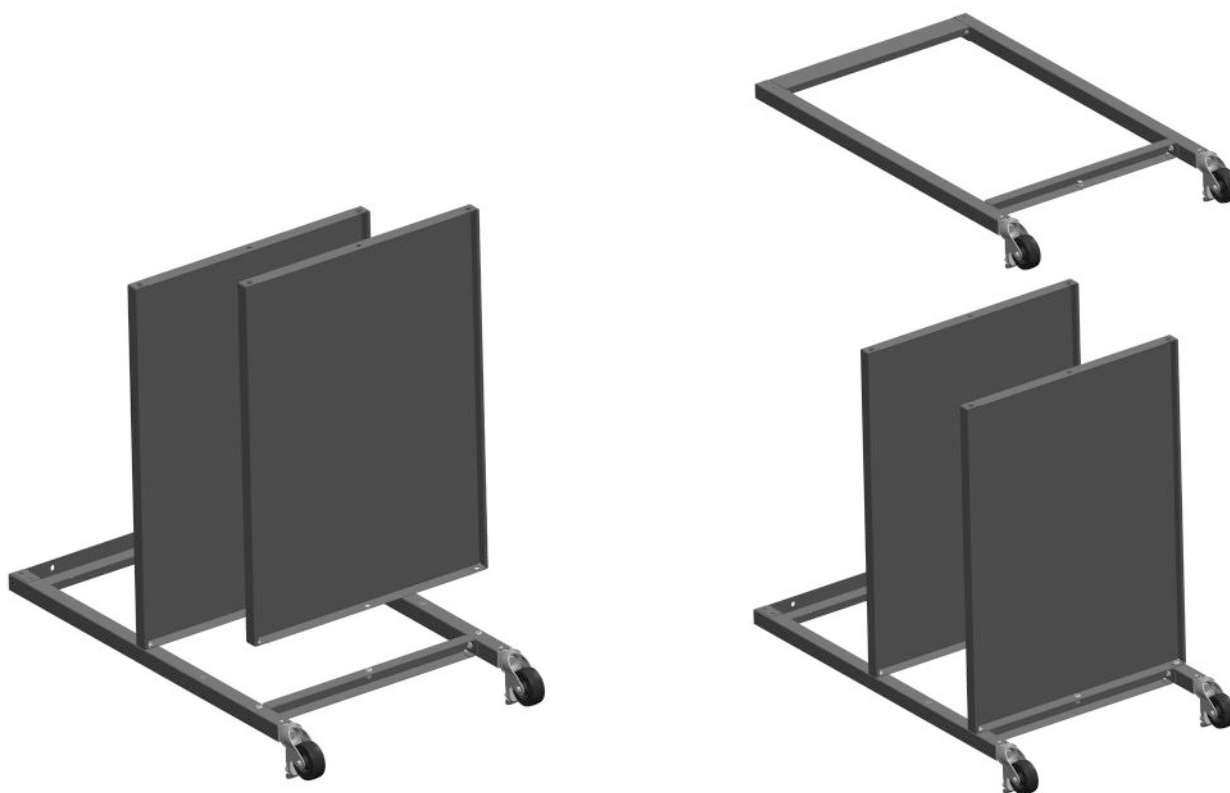
Trolley Shelf (x2)



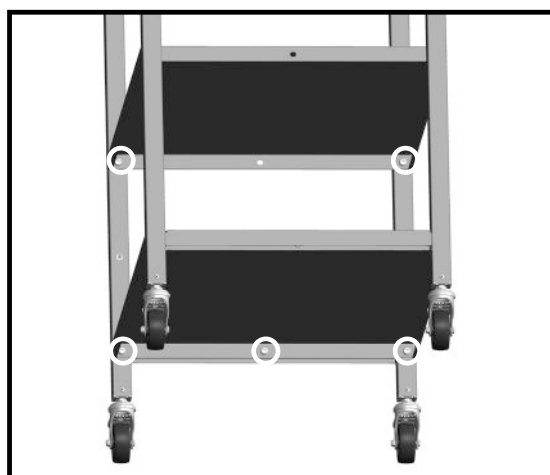
M6x12 Bolt (Ref A)

Lie one of the trolley frames down and attach the middle trolley shelf first using 2 of the M6x12 bolts (Ref A). Then attach the bottom trolley shelf using 3 of the M6x12 bolts (Ref A). Then attach the other trolley frame using 5 of the M6x12 bolts (Ref A).

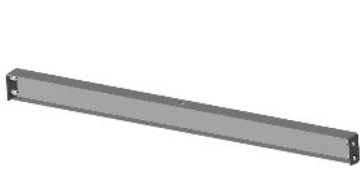
Note: There are 3 height options for the shelves.



Note: Bolt fixing points are located underneath the trolley shelves.



Assembly Step 15



Trolley Rail (x2)



Handle Assembly

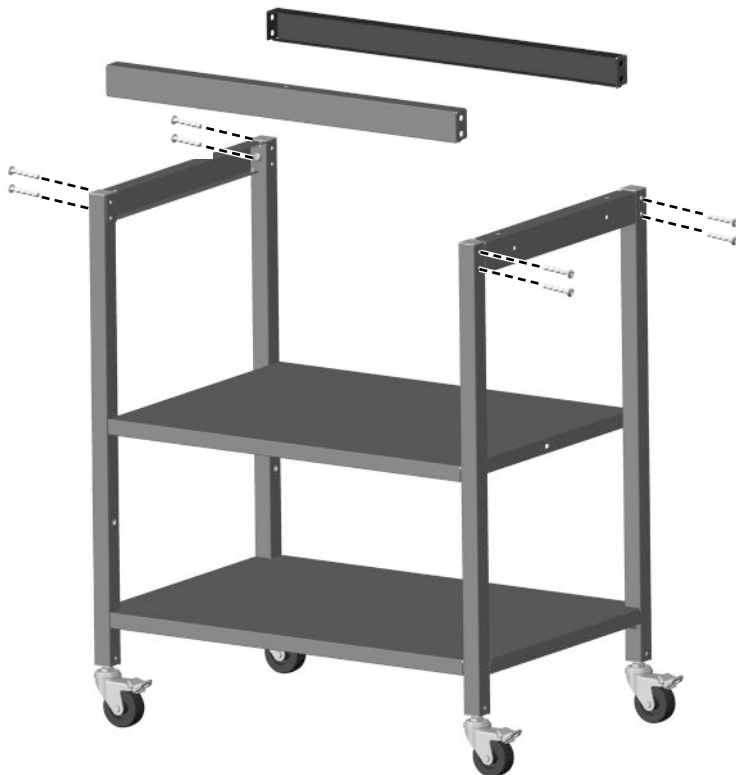


M6x45 Bolt (Ref B)

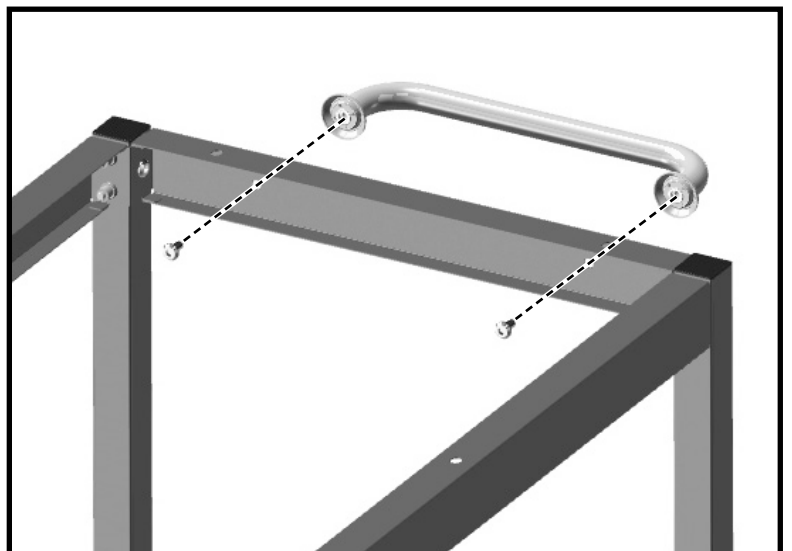


M6x12 Bolt (Ref A)

Fit two trolley rails to trolley frame as shown using 8 of the M6x45 bolts (Ref B).



Fit handle assembly to side trolley using 2 of the M6x12 bolts (Ref A).



Assembly Step 16



Tabletop



Chopping Board

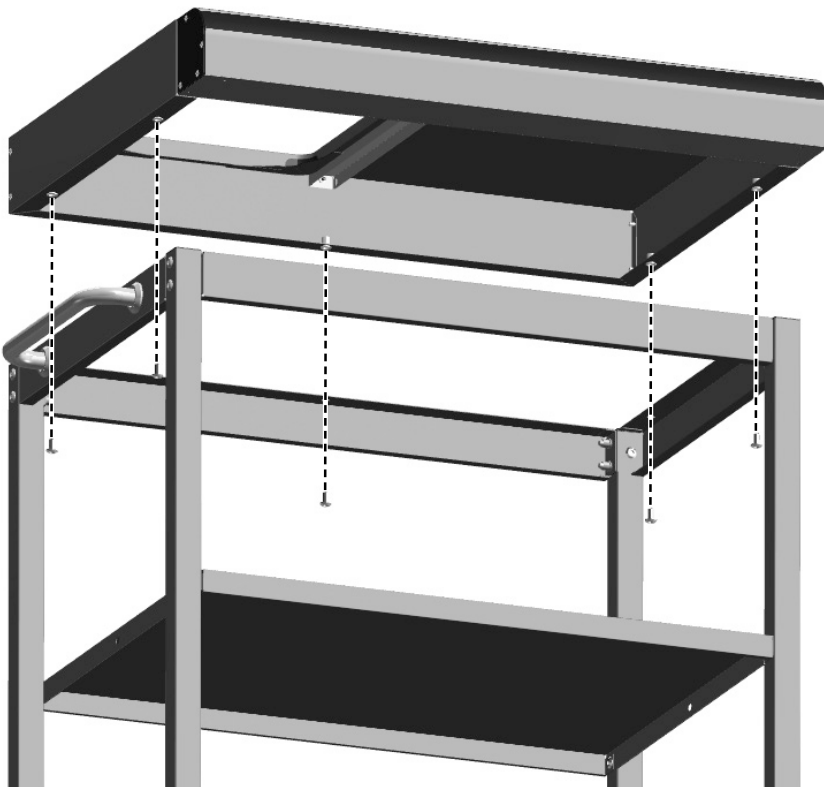


Utility Bin



M6x12 Bolt (Ref A)

Attach tabletop to trolley frame using 5 of the M6x12 bolts (Ref A).



Place utility bin and chopping board into tabletop as shown.



Assembly Step 17

To fit the trolley to the barbecue body, push the trolley and barbecue body together and apply the trolley wheel brakes.

