



GREAT GREEN SYSTEMS

# 180 LITRE COMPOST TUMBLER

BY MAZE

## Installation Manual

CONGRATULATIONS  
ON BUYING YOUR

# COMPOST TUMBLER

The following instructions will detail how to assemble the Maze Compost Tumbler. It should take around 2 hours to put the compost bin together.



# INCLUDED COMPONENTS

## Check to ensure you have everything needed

PART	REF.	QTY	DESCRIPTION	PART	REF.	QTY	DESCRIPTION
	GAA	4	Snap fastener		GG	1	Axle CHS 25x1.2mm
	GAB	2	Buttonhead socket screw M6x80		GH	1	Leg female CHS 25x1.2mm
	GAC	1	Buttonhead socket screw M6x60		GI	2	Leg male CHS 25x1.2mm
	GAI	2	Buttonhead socket screw M6x35		GJ	1	Leg corner CHS 25x1.2mm
	GAF	21 +2	Pan head screw M5x16		GK	1	Leg short CHS 25x1.2mm
	GAD	2	Large M6 washer		GL	2	Leg brace 5mm ROD
	GAE	5	Nut nyloc M6		GM	1	Stand corner no gear
	GAG	21 +2	Nut flanged M5		GN	1	Ratchet bush
	GA	1	Door surround		GO	1	Stand corner gear
	GB	6	Panel		GP	1	Gear
	GC	1	Divider		GQ	1	Crank arm
	GD	2	End cap		GR	1	Ratchet
	GE	1	Door 'Add'				8mm/10mm Ring spanner
	GF	1	Door 'Don't Add'				4mm Allen key / Philips screwdriver

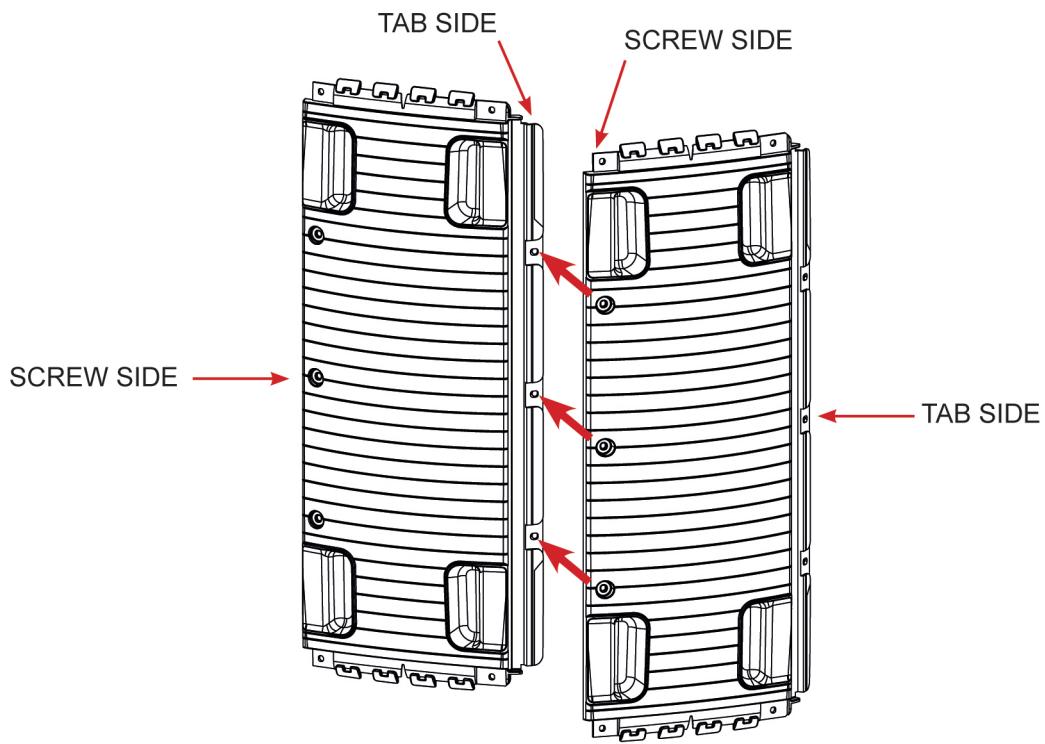
## STEP 1.



**GB x 2**

LAY OUT TWO PANELS WITH THE SCREW SIDE ON THE LEFT.

OVERLAY ONE SCREW SIDE ONTO THE OTHER TAB SIDE, WHILE LINING UP THE HOLES.



## STEP 2.

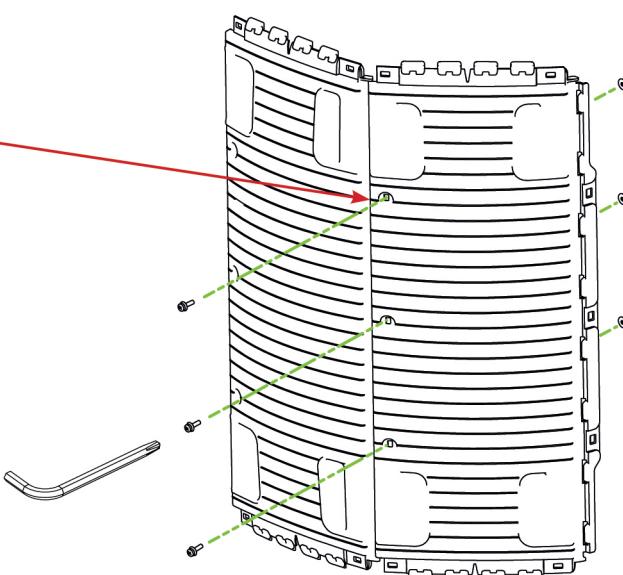
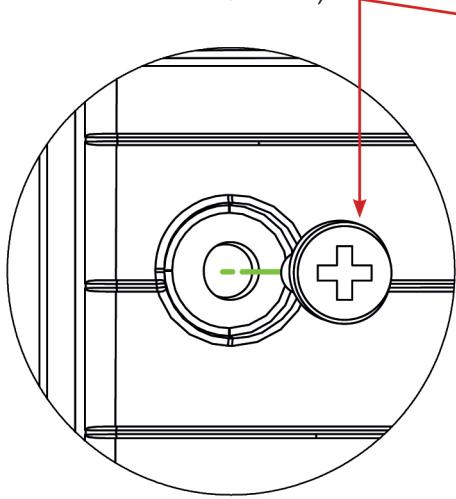


**GAF x 3**



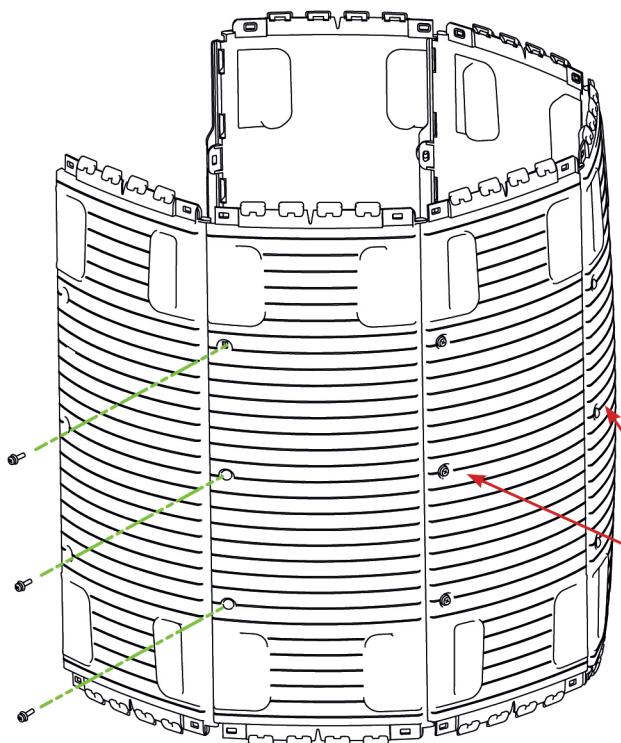
**GAG x 3**

PLACE SCREWS THROUGH HOLES FROM THE OUTSIDE AND TIGHTEN NUTS ON THE INSIDE.  
(USE SCREW DRIVER TOOL AND SPANNER IF REQUIRED)



## STEP 3

JOIN REMAINING PANELS  
TOGETHER AS PER STEP 2



**GB x 4**



**GAF x 12**

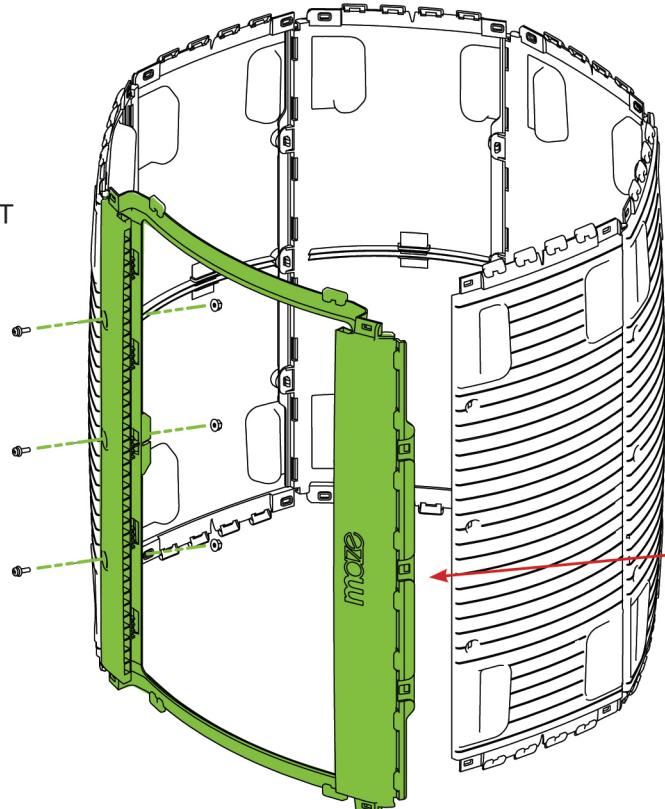


**GAG x 12**

## STEP 4.

ATTACH DOOR  
SURROUND TO  
ONE SIDE

SECURE WITH  
3 X SCREW & NUT



**GA x 1**



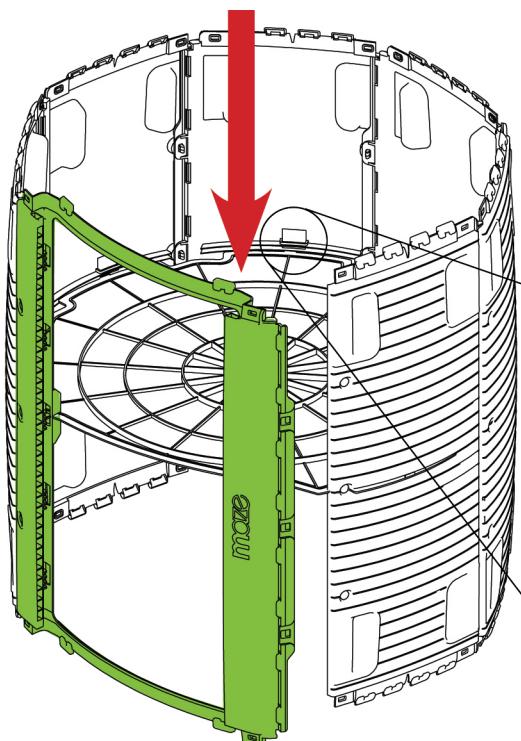
**GAF x 3**



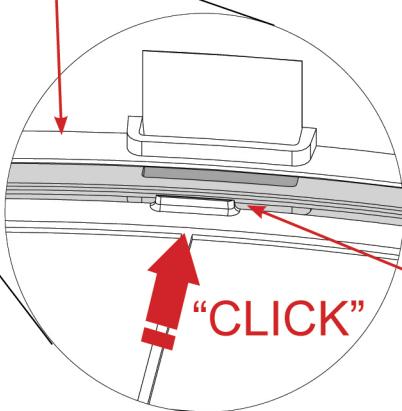
**GAG x 3**

## STEP 5

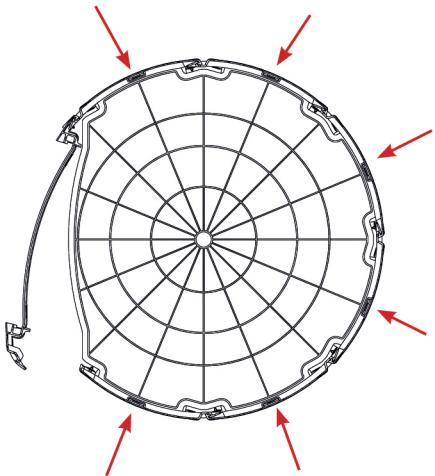
INSERT DIVIDER INSIDE BARREL



INSERT THE DIVIDER  
INTO THE GROOVE AT  
THE CENTRE OF EACH  
PANEL. (x6)



**GC x 1**



THERE IS A CLIP  
FEATURE THAT NEEDS  
TO CLICK INTO THE  
GAP IN THE PANEL  
GROOVE.  
(x6 PLACES)

## STEP 6

CLIP DOOR SURROUND TO  
REMAINING PANEL

SECURE WITH 3 X SCREWS & NUTS

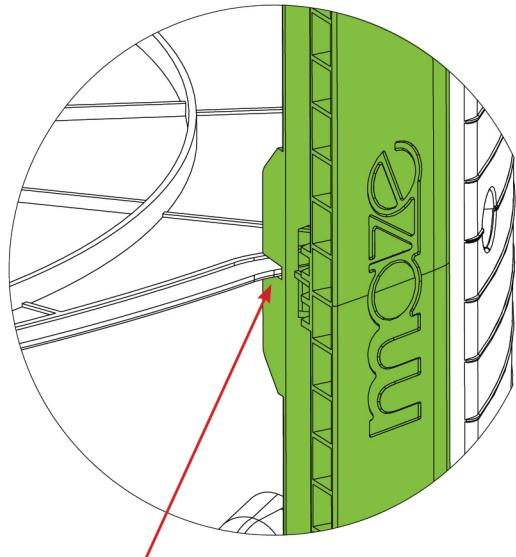
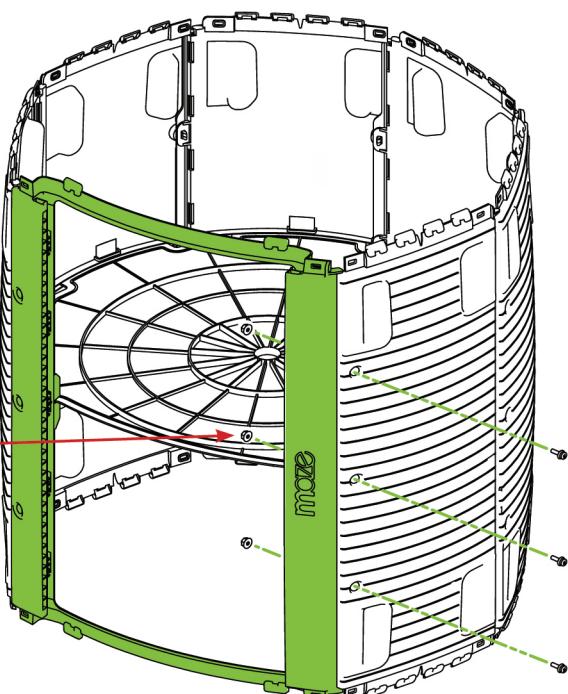
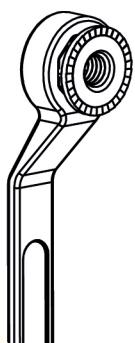


**GAF x 3**



**GAG x 3**

**TIP:** For middle screw hold the nut in the end of the ring spanner for easier assembly



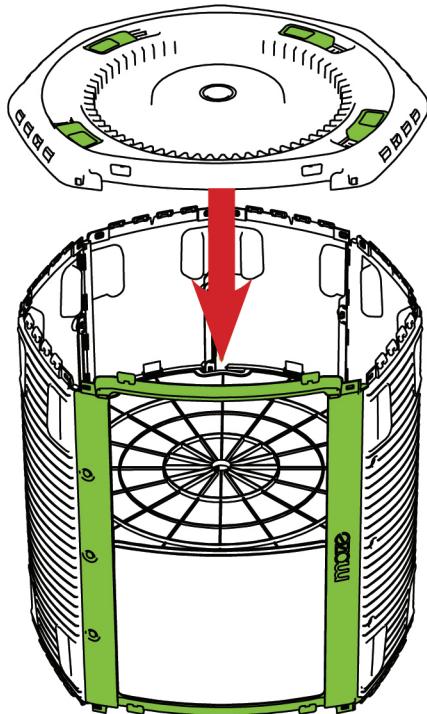
ENSURE DIVIDER IS CLIPPED  
INTO ALL PANELS INCLUDING  
BEING BETWEEN THE GUIDES  
ON THE DOOR SURROUND



**GD x 1**

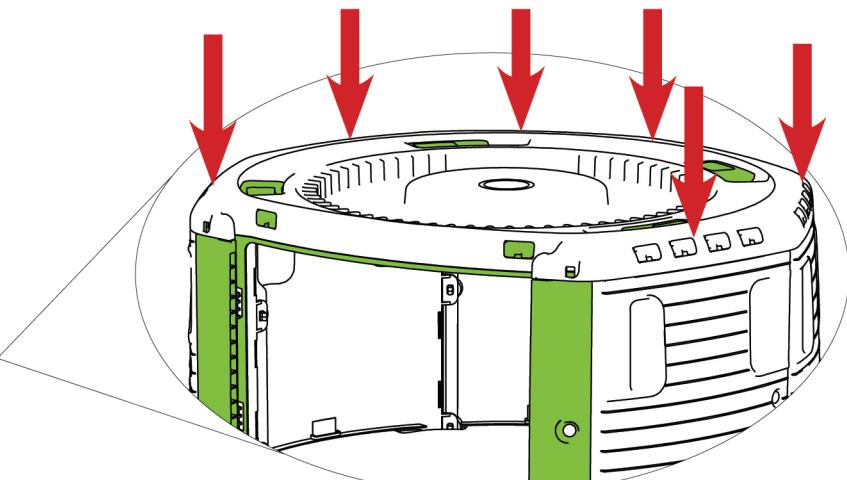
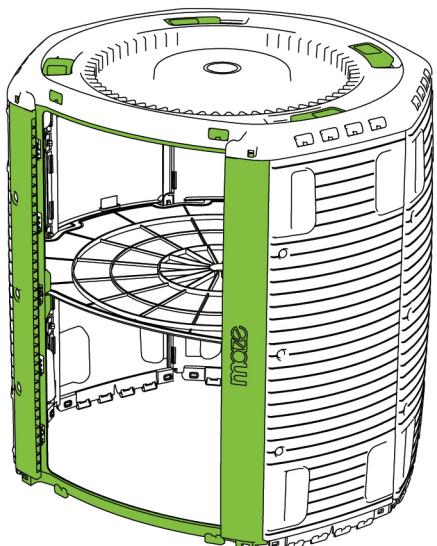
## STEP 7

PLACE END CAP ON TOP  
AND PUSH DOWN TO CLIP  
INTO SIDE PANELS

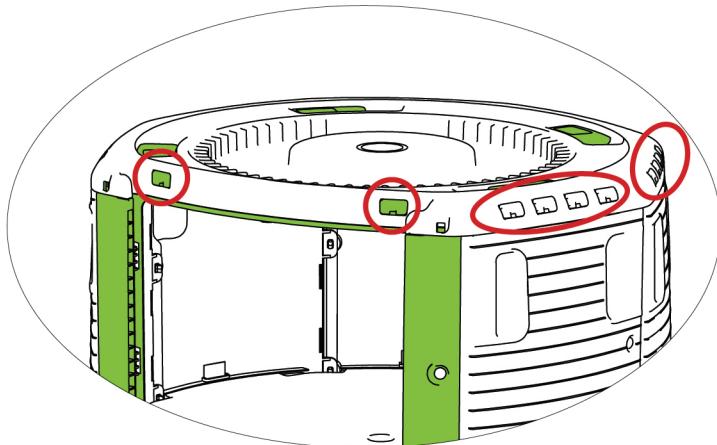


TIP: You may find it easier if  
barrel is on the ground and  
use some bodyweight to  
push down

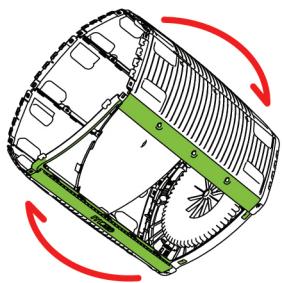
FIRMLY PUSH DOWN ON  
EACH EDGE TO ENSURE  
PANELS ARE CLIPPED IN



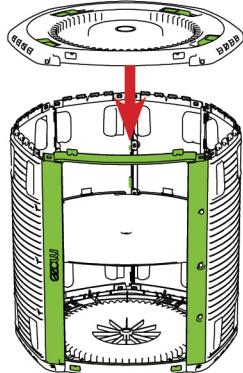
CHECK ALL PANELS ARE SECURELY  
ENGAGED WITH THE END CAP.  
ALL TABS SHOULD SIT FLUSH INTO THE  
HOLES IN THE ENDCAP



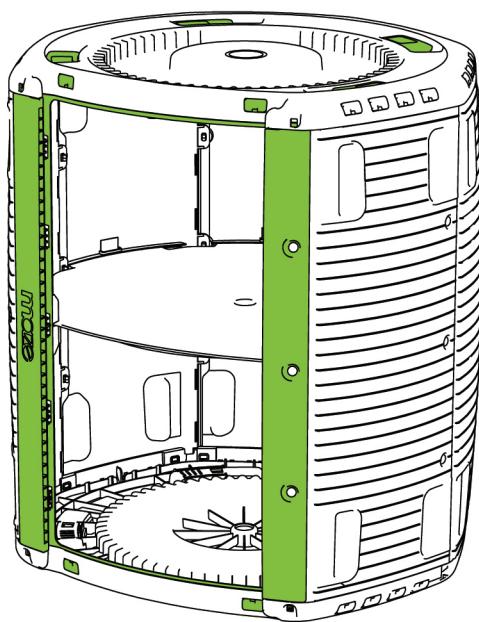
## STEP 8



CAREFULLY FLIP BARREL  
AND REPEAT STEP 7 FOR  
OTHER END CAP



**GD x 1**

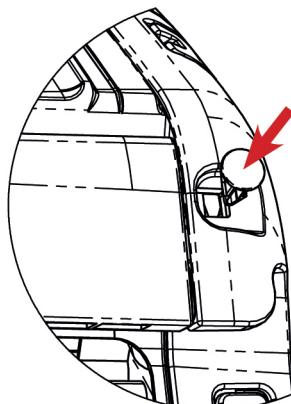
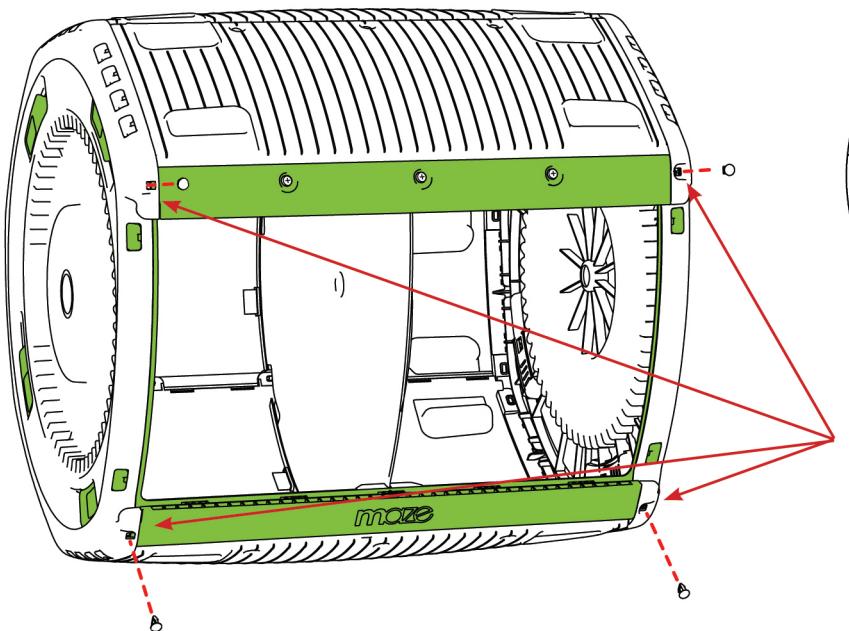


CHECK ALL PANELS ARE SECURELY  
ENGAGED WITH THE END CAP.  
ALL TABS SHOULD SIT FLUSH INTO  
THE HOLES IN THE ENDCAP

## STEP 9



**GAA x 4**



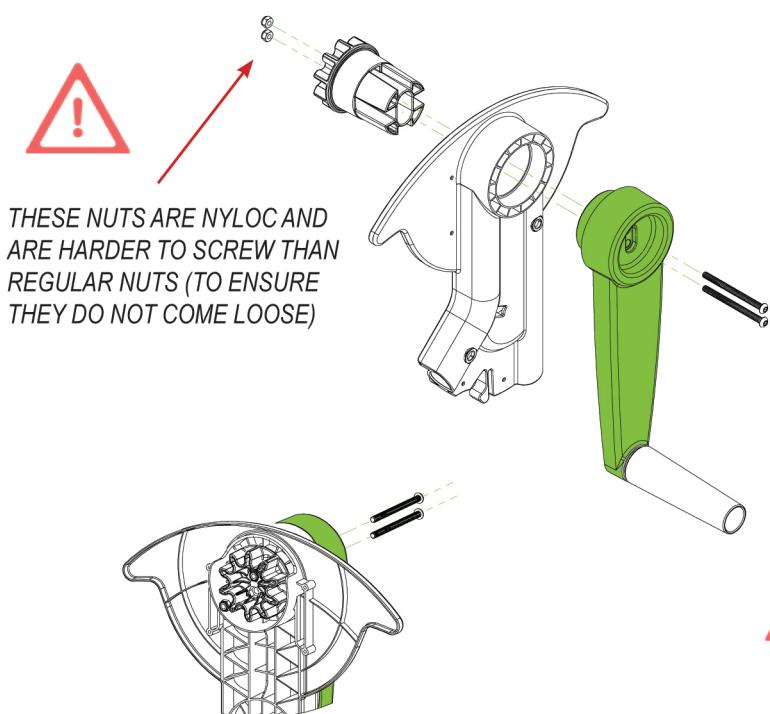
INSERT 4 SNAP CLIP  
INTO CORNER HOLES AS  
SHOWN IN DIAGRAM



ENSURE SNAP CLIPS ARE  
FULLY INSERTED

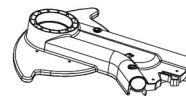
## STEP 10

NOTE:  
4MM ALLEN KEY REQUIRED



ACTUAL SIZE

**GAB x 2**



**GO x 1**



**GP x 1**



**GQ x 1**

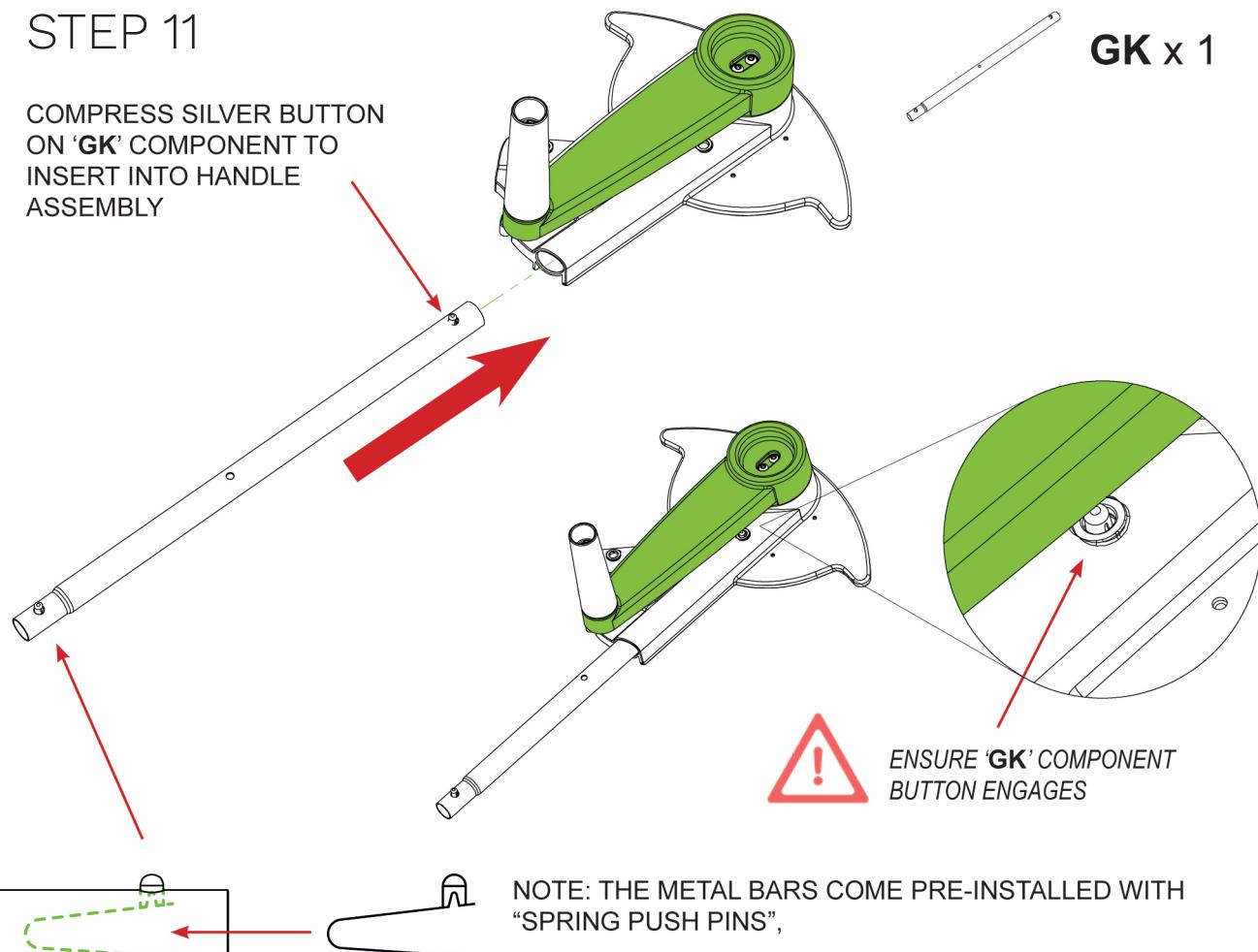


**GAE x 2**

**!**  
CHECK THAT HANDLE "GQ"  
ROTATES FREELY IN THE  
HOUSING "GO" BEFORE  
PROCEEDING

## STEP 11

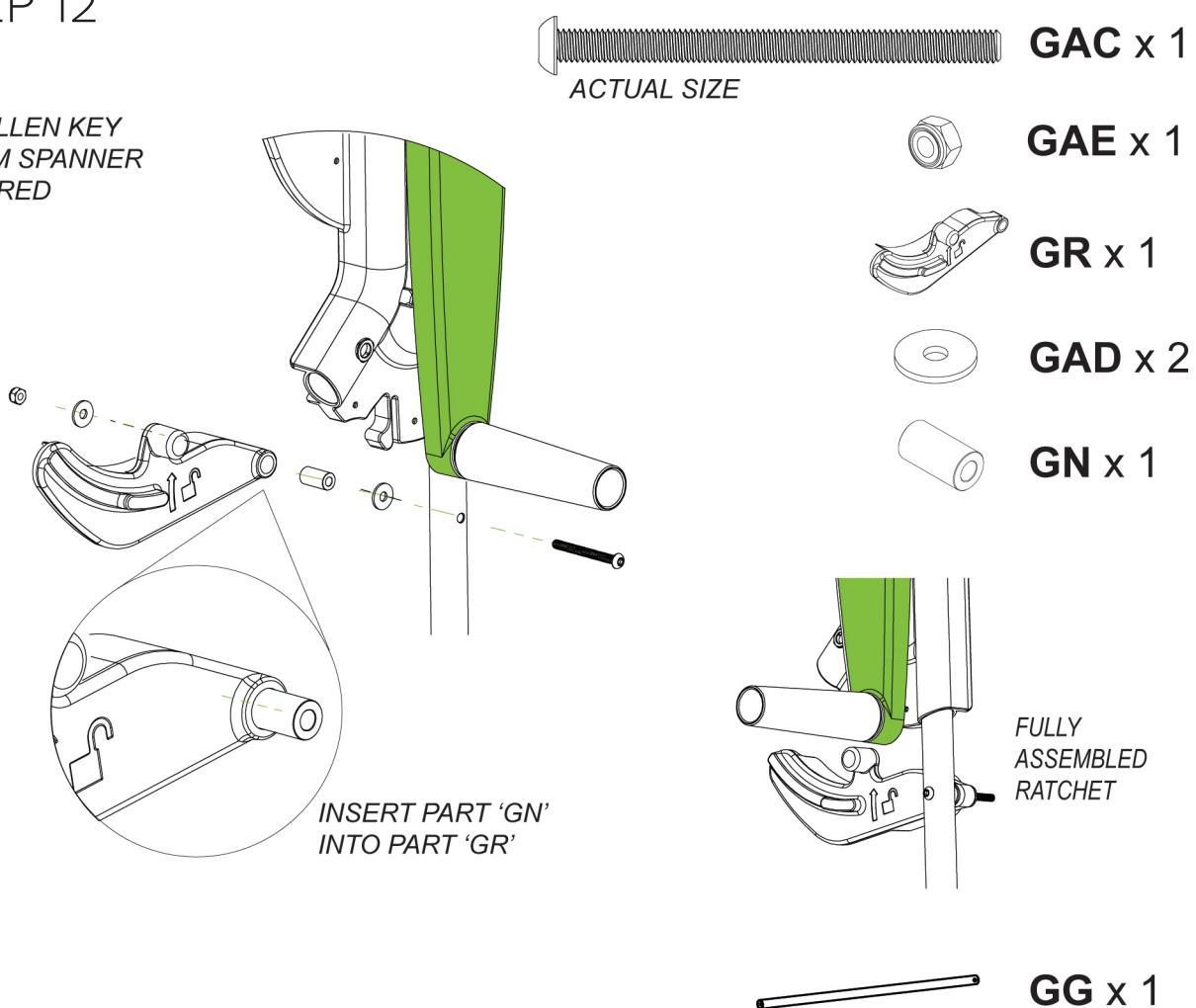
COMPRESS SILVER BUTTON  
ON 'GK' COMPONENT TO  
INSERT INTO HANDLE  
ASSEMBLY



**GK x 1**

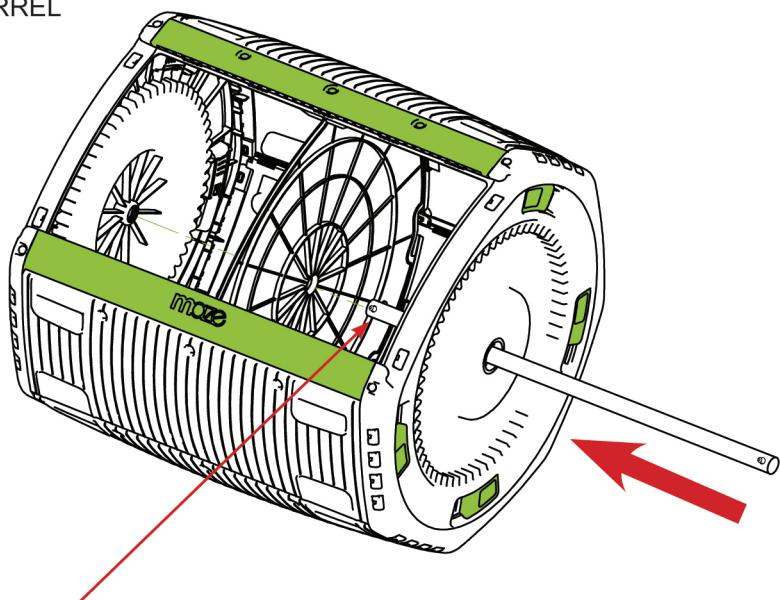
## STEP 12

NOTE:  
4MM ALLEN KEY  
& 10MM SPANNER  
REQUIRED



## STEP 13

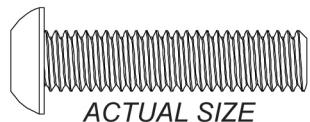
SLIDE AXLE INTO BARREL  
ASSEMBLY



TIP: COMPRESS SILVER  
BUTTON AS IT'S PUSHED  
THROUGH THE HOLE IN  
EACH PART

## STEP 14

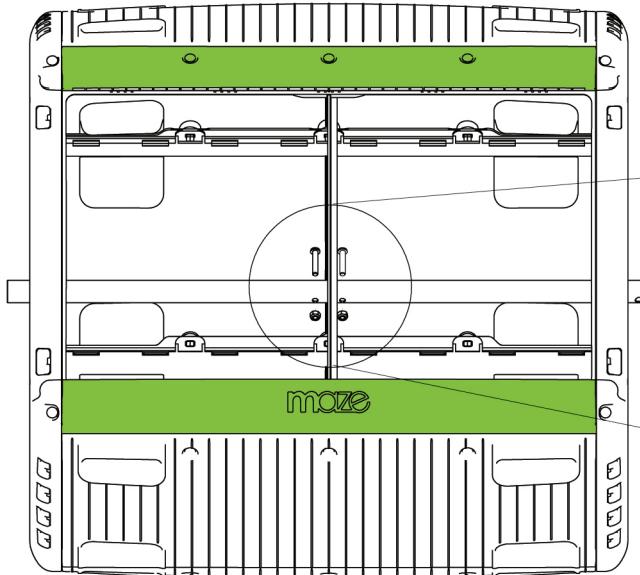
NOTE:  
4MM ALLEN KEY  
& 10MM SPANNER  
REQUIRED



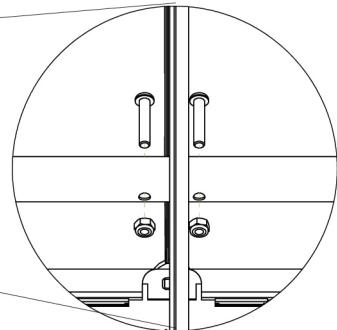
**GAI x 2**



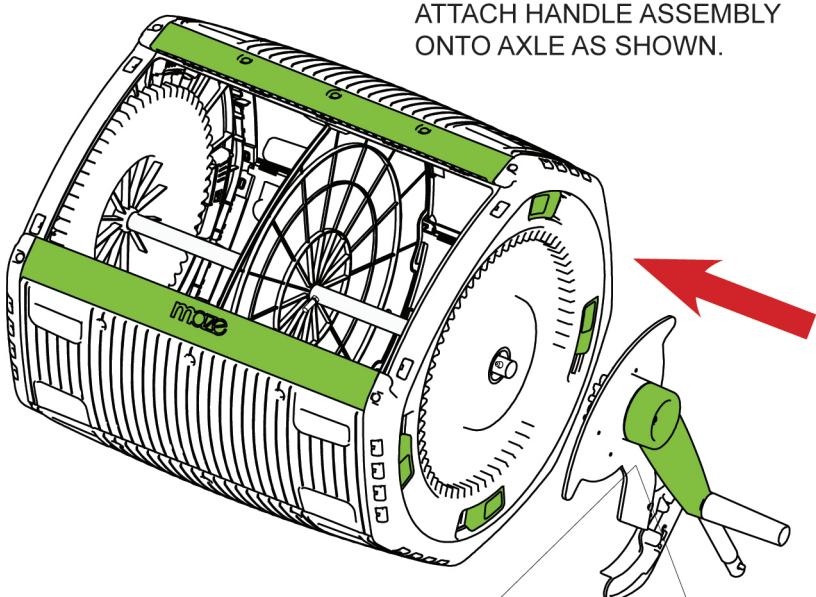
**GAE x 2**



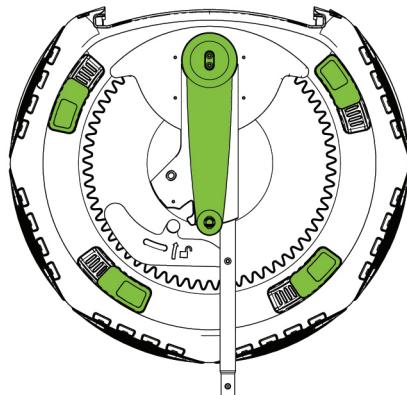
ASSEMBLE BOLTS THOUGH  
HOLES IN AXLE EITHER SIDE  
OF THE DIVIDER



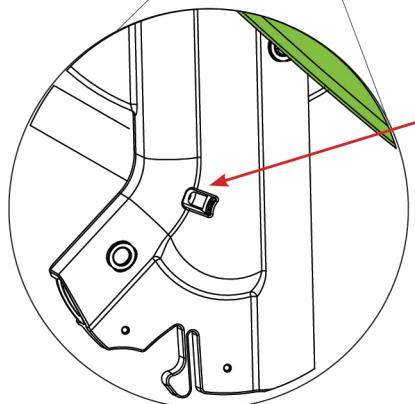
## STEP 15



ATTACH HANDLE ASSEMBLY  
ONTO AXLE AS SHOWN.



COG "GP" AND  
RATCHET "GR"  
SHOULD FIT INTO  
THE GEAR TEETH  
ON THE BARREL



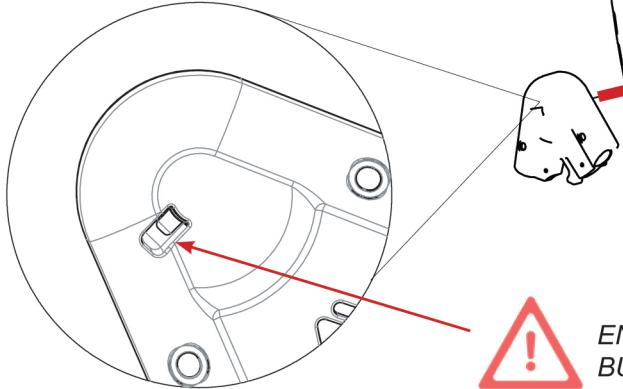
ENSURE SILVER BUTTON ON  
AXLE IS ENGAGED INSIDE  
THIS HOLE

## STEP 16

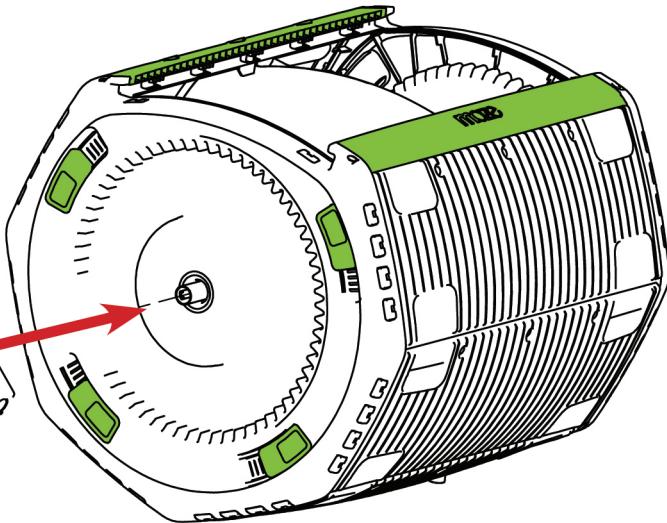


**GM x 1**

SLIDE COMPONENT "GM" OVER THE AXLE ON OPPOSITE SIDE OF BARREL



ENSURE AXLE  
BUTTON ENGAGES



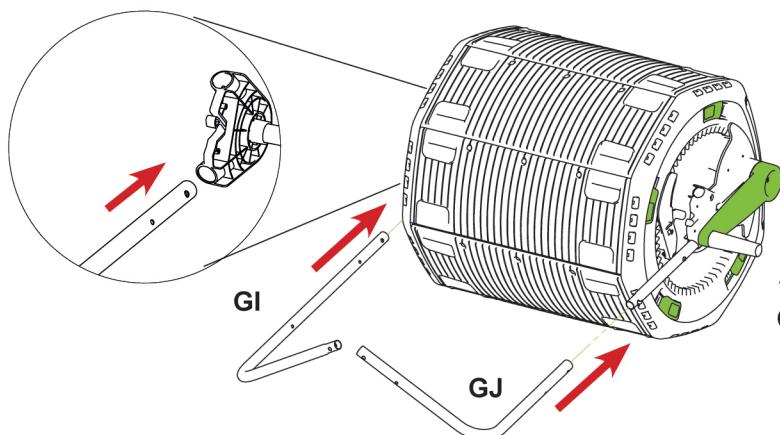
## STEP 17



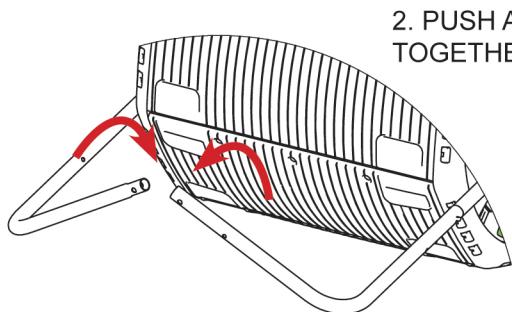
**GI x 1**



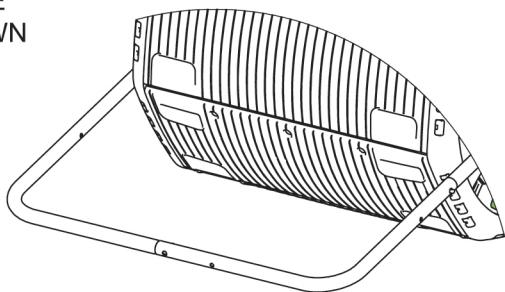
**GJ x 1**



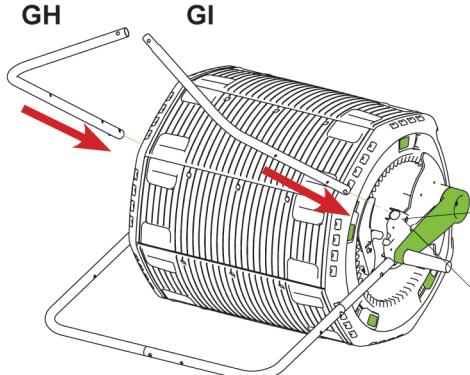
1. INSERT BOTH LEG  
COMPONENTS AS SHOWN



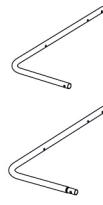
2. PUSH AND ROTATE  
TOGETHER AS SHOWN



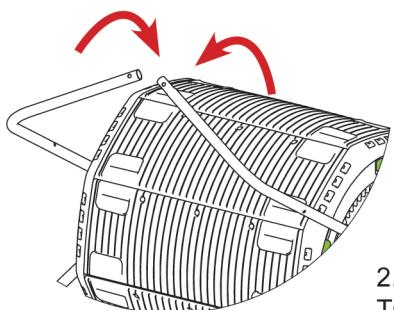
## STEP 18



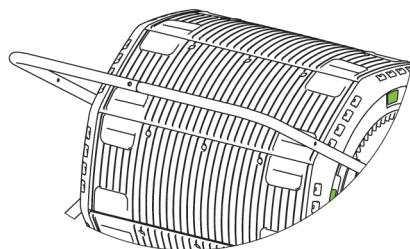
1. INSERT BOTH LEG  
COMPONENTS AS SHOWN



**GH x 1**  
**GI x 1**

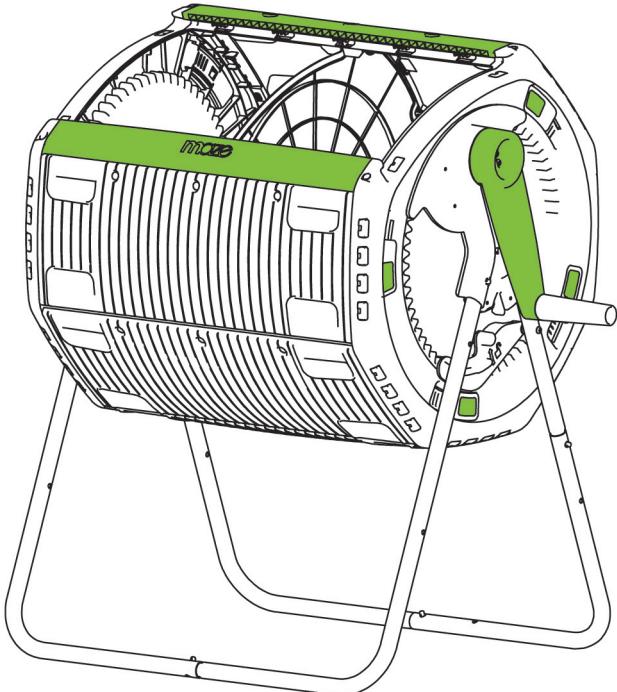
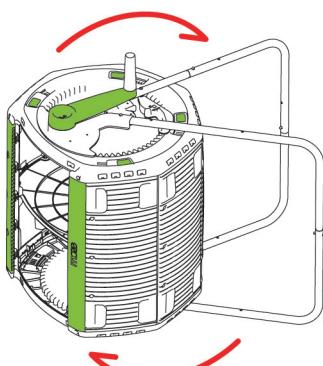


2. PUSH AND ROTATE  
TOGETHER AS SHOWN



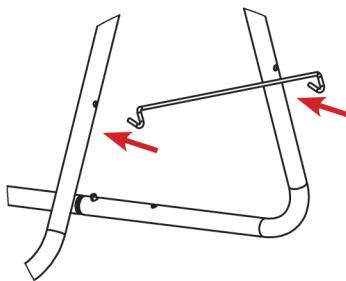
## STEP 19

CAREFULLY ROTATE AND STAND  
COMPOSTER UPRIGHT

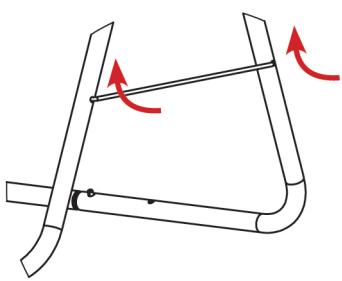


WARNING: WHEN LIFTING THE  
TUMBLER - BEWARE OF PINCH  
POINTS - AS THE TUMBLER MAY  
ROTATE AND CATCH YOUR FINGERS

## STEP 20

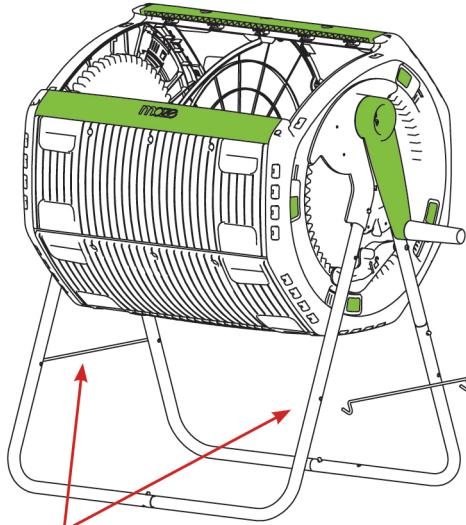


1. INSERT ENDS OF LEG BRACE INTO HOLE IN EACH LEG



2. ROTATE LEG BRACE UP INTO HOLES SO THAT HORIZONTAL BAR SITS FLUSH AGAINST LEGS

3. REPEAT WITH SECOND BRACE AT OTHER END OF STAND



ENSURE BOTH LEG BRACES ARE FULLY INSERTED

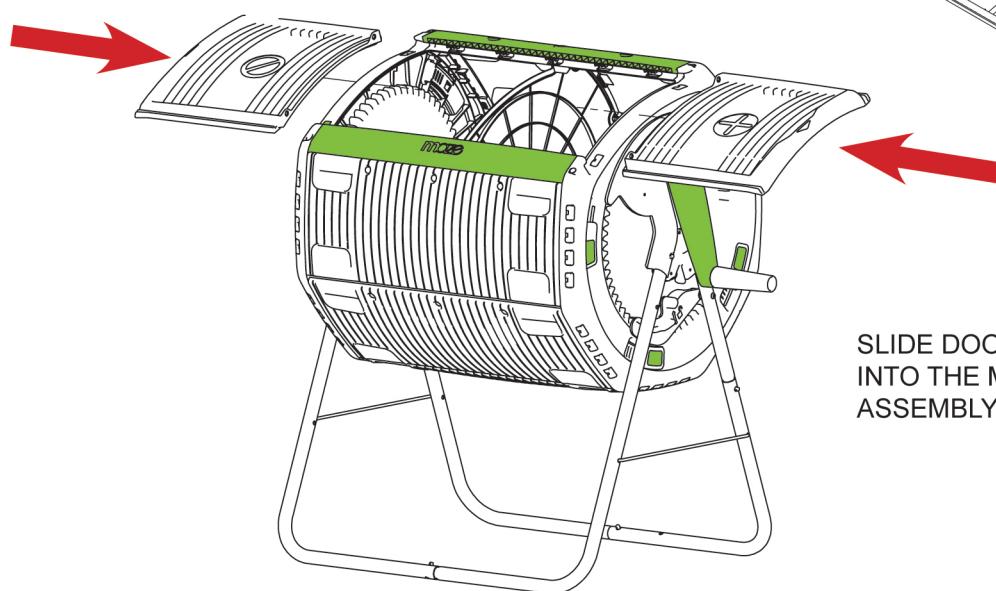
## STEP 21



**GE** x 1



**GF** x 1



SLIDE DOOR COMPONENTS INTO THE MAIN BARREL ASSEMBLY AS SHOWN

## ASSEMBLY IS COMPLETE

### FEATURES:

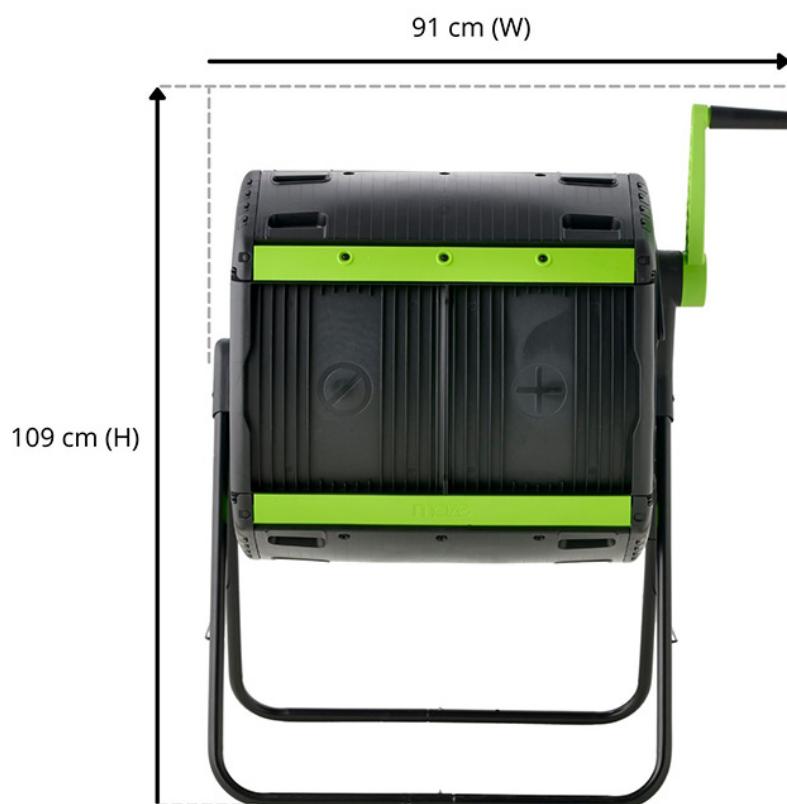
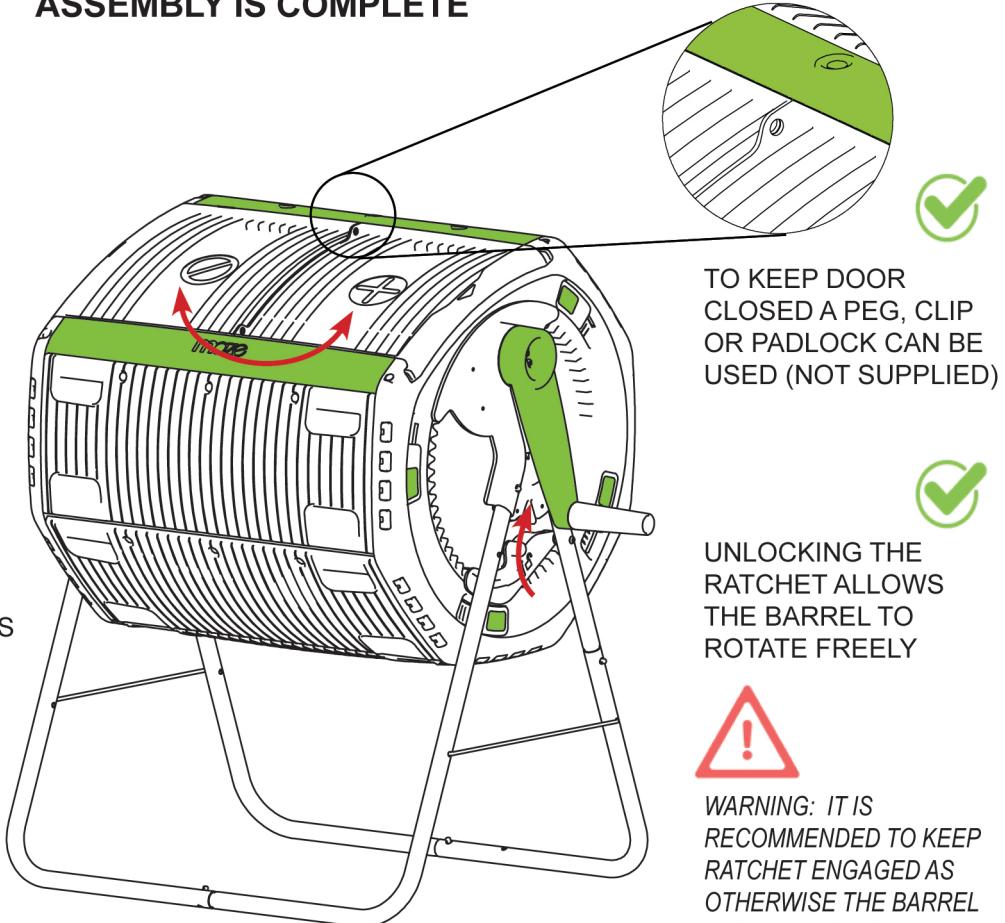


SLIDING DOORS ARE INTERCHANGEABLE



INTEGRATED AIR VENTS CAN BE OPENED OR CLOSED.

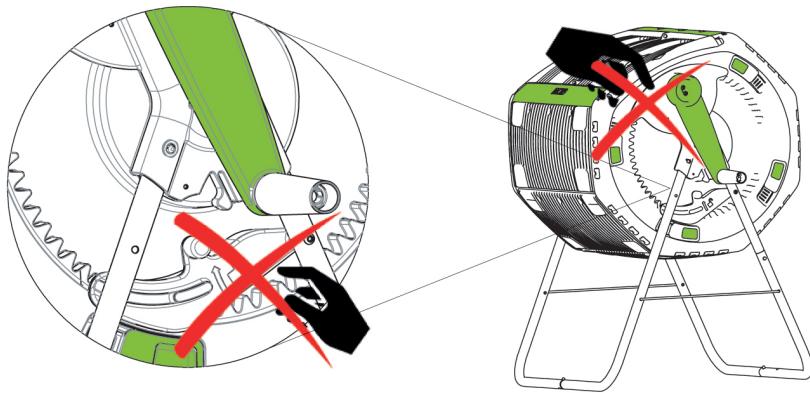
TIP: IF MIXTURE IS TOO WET IT IS RECOMMENDED TO OPEN VENTS



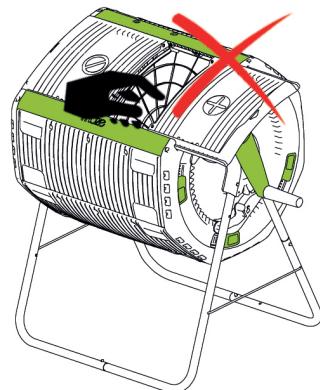
## WARNINGS:



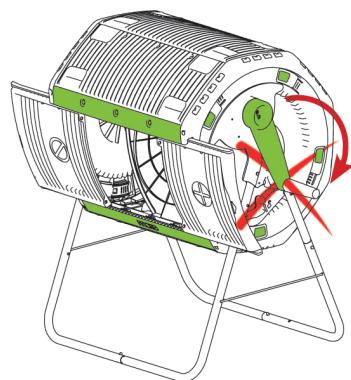
**WARNING:  
BEWARE OF CATCHING  
FINGERS IN GEARS**



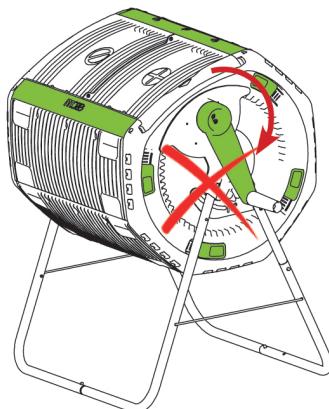
**WARNING:  
BEWARE OF CATCHING FINGERS IN DOORS**



**WARNING:  
DO NOT ROTATE BARREL WITH DOORS OPEN**



**WARNING:  
WHEN RATCHET IS UNLOCKED, STAND CLEAR  
OF HANDLE AS IT MAY SPIN FAST OR IN THE  
REVERSE DIRECTION**



**WARNING:  
ALWAYS ENSURE COMPOSTER IS ON DRY, LEVEL GROUND**



COMPOSTING  
NEVER GOT  
SO  
EASY

# HOW TO COMPOST

## Brief guide to get you started

### Why compost?

Composting is a noble art with a very long history in sustainable food production. More and more, people are motivated by the desire for healthy soil, healthier food and smaller environmental footprint. If all food waste was composted, food grown in our farms and gardens would be healthy, tasty and good to eat.

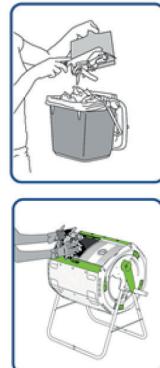
### How to compost

Making compost is just like making a cake. We need the right ingredients in the correct proportions and mixed properly. We also need to get the moisture content and aeration right. But unlike making a cake, we don't have to be too precise about how we mix things.

In simple terms, we are managing a balance between stuff that is easy to break down, and stuff that takes a bit longer. This is most easily understood by calling the easy-to-breakdown stuff the 'green', and the harder-to-break-down stuff, the 'brown'. A 50/50 mixture of green to brown is a great place to start for successful composting.

### Simple steps

1. Collect kitchen scraps in a kitchen caddy or indoor composter. It will speed things up if you chop this waste where possible.
2. Add the kitchen scraps to composter with some 'brown' scraps at similar time-frames. Try to chop up or shred the brown waste as well if possible. If using the divided option start by adding to one half only. Use the door with the '+' symbol to remind you which side is being filled.
3. Turn the composter at least 2-3 times a week. When adding waste always give it a few turns.
4. Keep adding until full (or too hard to turn) ensuring to keep the consistency right. Once the first side is full, start filling the other compartment. Make sure to swap the doors so now the 'Ø' door is on the side that you just filled and the '+' is on the empty side.
5. You will know when the 'Ø' side is ready when the contents look and smell like soil. Once it is ready, rotate the opening to the bottom, place a bucket or Compost Cart under and then slide the door open to let the compost fall out. You may need to help it come out by using a trowel to scrape it out
6. Once empty swap the doors around again and start filling the empty side and repeat



### What to compost

Table 1 below gives you an idea of what is green and what is brown. Table 2 gives you some idea of what else you can / cannot put into compost. For best results chop or shred greens and browns before adding, and make sure the mix is moist, not wet. Remember, we want to blend green and brown 50 / 50 by weight, not by volume.

# HOW TO COMPOST

## Brief guide to get you started

Table 1 - Green and Brown compost inputs

Green	Notes
Green leaves	Good to use
Grass clippings	Great addition when mixed well; can become smelly if not mixed
Green weeds	Avoid putting in seeds or runners
Fruit or vegetable scraps	Good to use
Cut flowers	Good to use but chop up into 100mm lengths before adding
Cooked food	No chunky meat, cheese or very oily wastes (e.g. fine meat or cheese like leftover spaghetti bolognese is ok)
Cow, horse, pig, chicken manures (not dog or cat)	Good to use. Dog and cat manures can harbour diseases so best not to use.
Lucerne hay	Good to use
Blood and bone or dynamic lifter	Use only if you have too much 'brown' materials. Sprinkle lightly and make sure everything is kept moist.

Brown	Notes
Brown leaves	Good
Dead grass or weeds	Good
Paper and cardboard	Good
Mulch, Sawdust, Hay or Straw	Good to use if you have an imbalance of 'green'

Table 2 - Dos and Don'ts

<b>Do not use:</b>	Cooking oil, dog or cat manures, chunky meat or cheese, bones
<b>OK to use:</b>	Egg shells, wood ash, bread, milk or juice past its 'use by' date

### How to use compost

This is where you get rewarded for your attention to your compost bin. Composting can take anywhere from 8 weeks to 24 weeks to mature and be ready to be applied to your garden. Compost that you buy from shops is usually quite fine because commercial composters screen the material before sale to remove the chunky bits.

You are encouraged to do the same as you will most likely find large particles such as twigs or mango or avocado stones still not broken down. It is a simple process to remove these by hand and put them back into the compost to continue breaking down.

Compost can be surface applied or dug into the soil. If you are applying compost to an established garden or under fruit trees, you really have no choice but to apply it to the surface as you can't easily dig it in. If you are applying compost to your vegetable garden, then you want to dig it in.

## Useful Additions For Your Compost Tumbler

### 55 Litre Composting Cart by Maze

The Composting Cart makes light work of collecting ready-to-use compost from your Tumbler and transporting it around your garden.



### Bokashi Bran

A composting accelerator comprising a dry mixture of bran and molasses combined with bacteria, yeast and fungi.

