

## Hydra assembly instructions

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## Table of contents

Inline ganging	3-5
Tessellate straight ganging (single sided)	6-8
Tessellate straight ganging (double sided)	9-12
Tessellate angled ganging (single sided)	13-16
Tessellate angled ganging (double sided)	17-21

## Hydra inline ganging planter

### Tools required:

- 7/16" Socket wrench
- 7/16" Open end wrench
- 3/4" Open end wrench
- 2x 5mm hex keys
- Level (3 ft recommended)

1. Start with the middle unit in the ganging series. Position in the final install location and level unit with the glides. A 3/4" open end wrench can be used to adjust the glide. **(Figure 1A)**
2. Bring in the adjacent ganging unit and position in location. Using the glides level the unit and align the planter surface with the previous leveled unit. Ensure the case edges are flush all around. **(Figure 1B)**

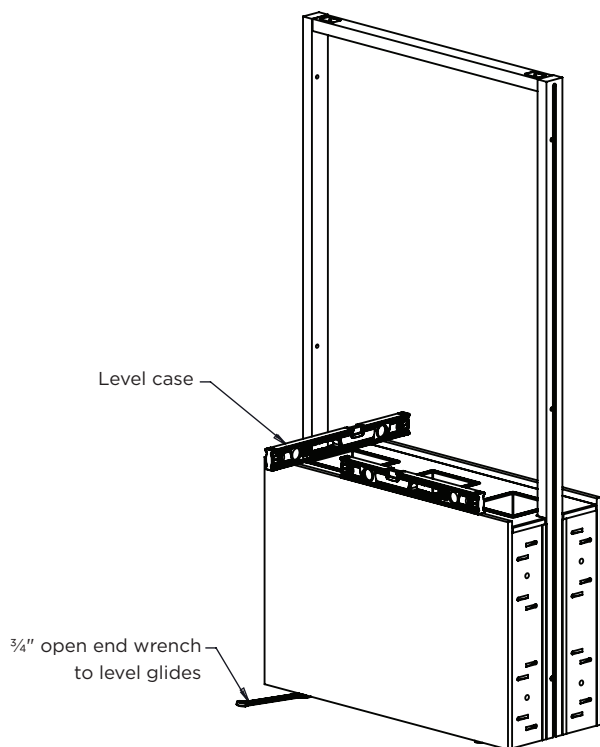


Figure 1A

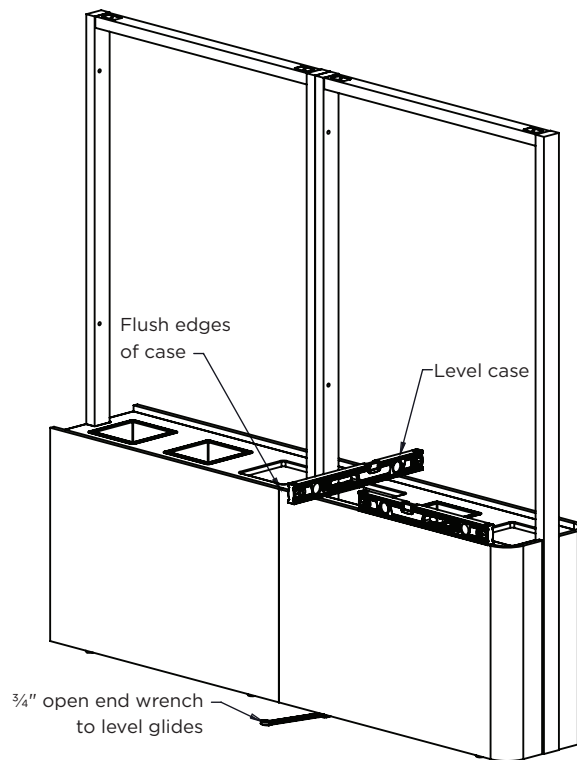


Figure 1B

## Hydra inline ganging planter

3. Remove the plant liners on the ganging ends to access the interior of the case. (**Figure 1C**)
4. Locate the ganging hardware (HK-227). Using the  $\frac{7}{16}$ " socket wrench and open end wrench; bolt units together through the four (4) holes located on the interior end panels. Ensure both cases remain level and aligned when tightened.

If additional adjustment is needed to align the case edges, the case bolts (**Figure 1D**) can be loosened for alignment. These case bolts must be tightened after adjustment.

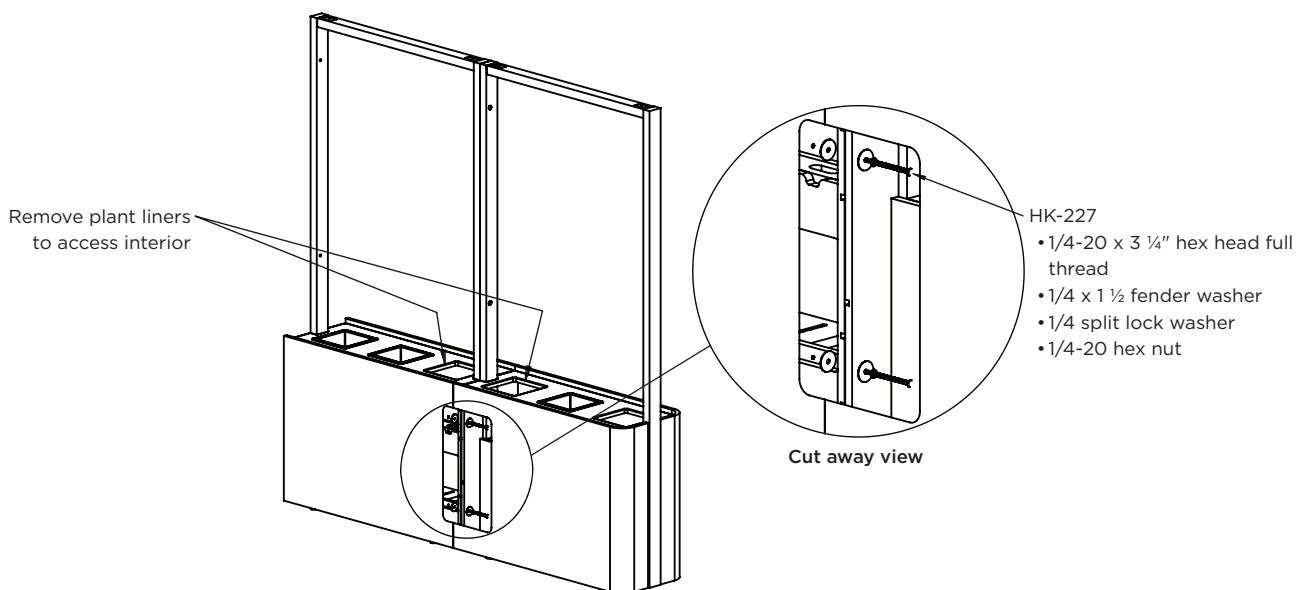
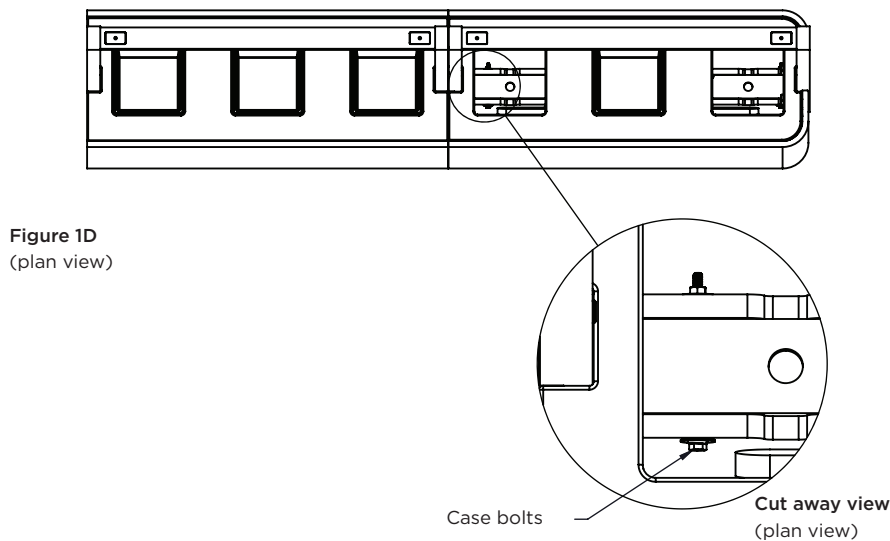


Figure 1C



## Hydra inline ganging planter

If unit is an unframed unit skip step 5 and proceed to step 6.

5. Locate frame ganging hardware studs (HK-228) and connector nuts (HK-159 or HK-161, color dependent). Identify the correct stud length to use as the length will vary depending on the wall panel type, reference table in figure 1E to identify the appropriate length. Using two 5mm hex keys; bolt the two connector nuts and stud through the wall frame panels. There are two connector bolt joints per side. The height will vary depending on the units being ganged. (Figure 1D)
6. Repeat above steps with additional ganging units until layout is complete.

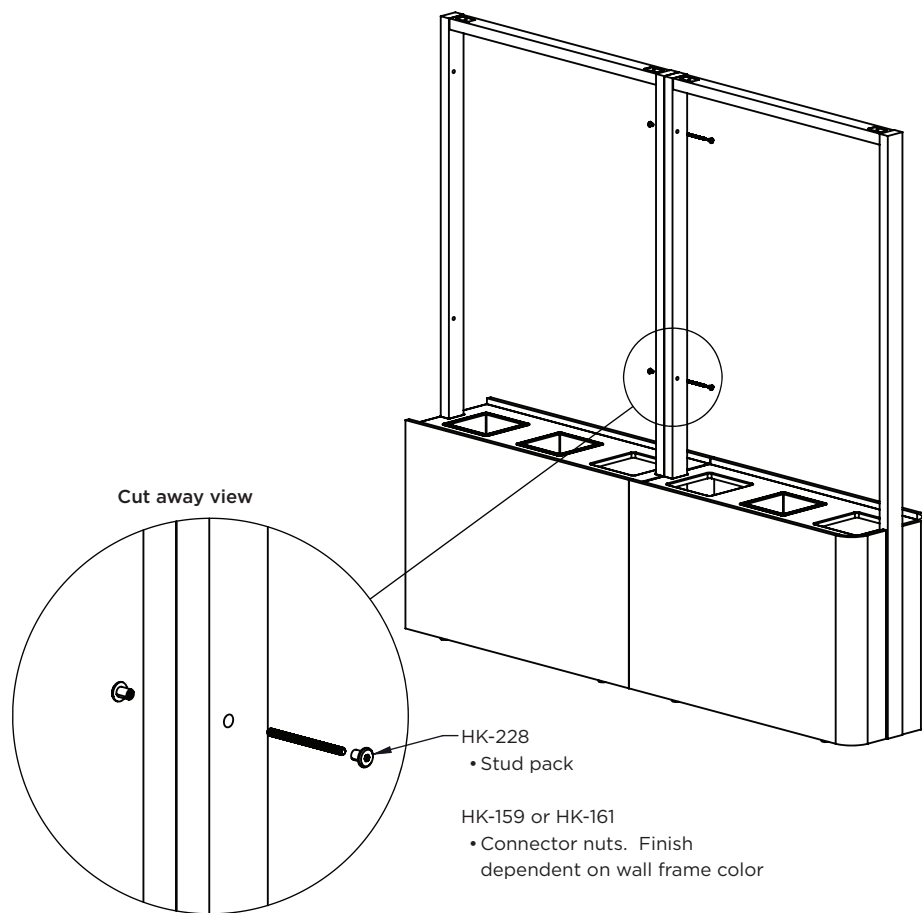


Figure 1E

### Frame panel connection hardware:

- Open frame to open frame - 2 ½" stud and 2 connector nuts
- Open frame to metal frame - 3" stud and 2 connector nuts
- Metal frame to metal frame - 3 ½" stud and 2 connector nuts

## Tessellate straight ganging (single sided)

### Tools required:

$\frac{3}{4}$ " open end wrench

(2)  $\frac{5}{32}$  hex keys

Level (3 ft recommended)

1. Start with the middle unit in the ganging series. Position in the final install location and level unit with the glides. A  $\frac{3}{4}$ " open end wrench can be used to adjust the glide. (**Figure 4A**)

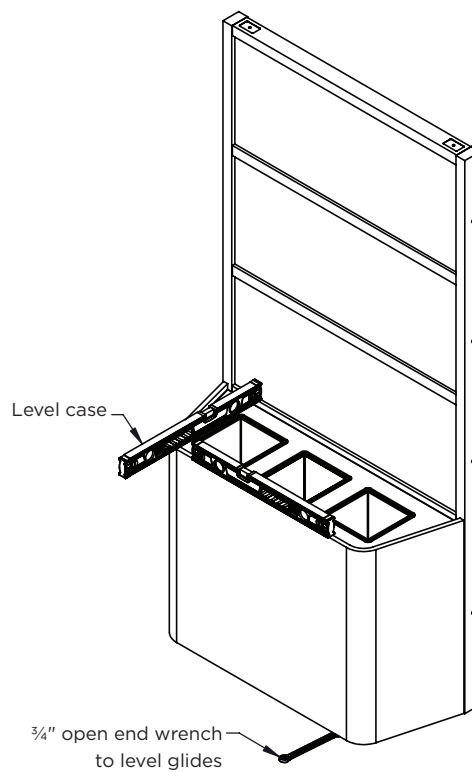


Figure 4A

## Tessellate straight ganging (single sided)

**Note:** Reference Figure 4B for 90"h to 90"h planters and Figure 4C for 90"h to 72"h planters

2. Bring in the adjacent ganging unit and position in location. Using the glides, level the unit and align the planter surface with the previous leveled unit. Ensure the case edges are flush all around

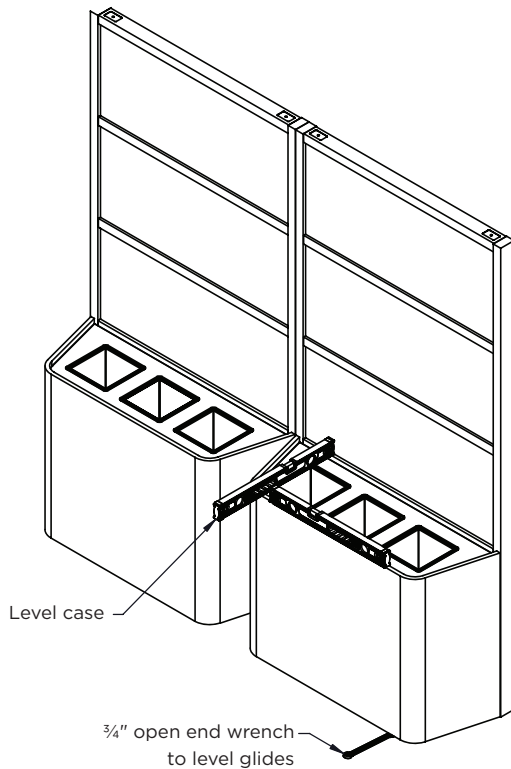


Figure 4B

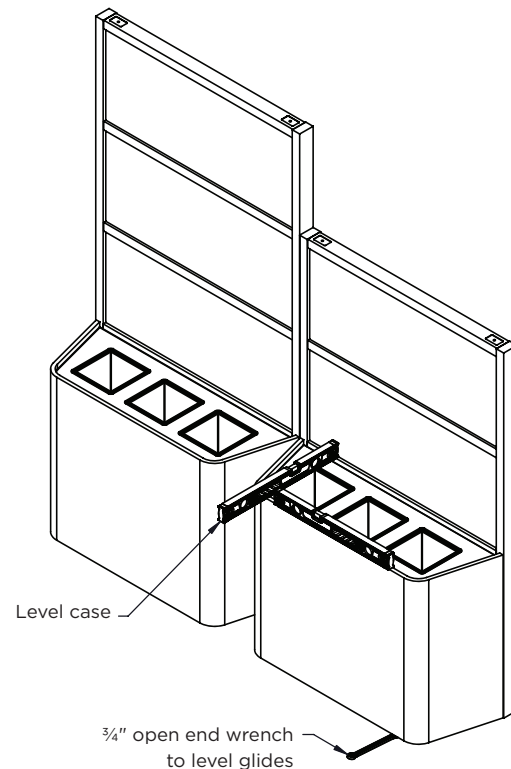


Figure 4C

## Tessellate straight ganging (single sided)

- For 90"h to 90"h planters, locate ganging hardware studs (HK-231) and connector nuts (HK-232 or HK-233, color dependent). Identify the correct stud length from the table below, the length will vary depending on the infill type. Using two  $\frac{5}{32}$  hex keys, bolt the two connector nuts and stud through the frame. For 90"h to 90"h planters, there are four connector bolt joints per side. Ensure both cases remain level and aligned when tightened. (**Figure 4D**)

For 72"h to 72"h or 72"h to 90"h planters, locate ganging hardware studs (HK-228) and connector nuts (HK-159 or HK-161, color dependent). Identify the correct stud length from the table below, the length will vary depending on the infill type. Using two  $\frac{5}{32}$  hex keys, bolt the two connector nuts and stud through the frame. For 72"h to 72"h or 72"h to 90"h planters, there are three connector bolt joints per side. Ensure both cases remain level and aligned when tightened. (**Figure 4E**)

- Repeat above steps with additional ganging units until layout is complete

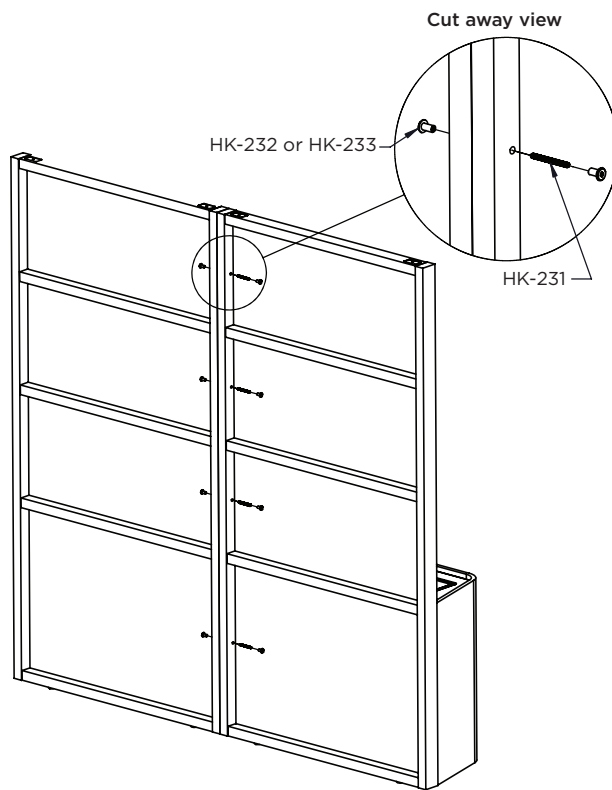


Figure 4D

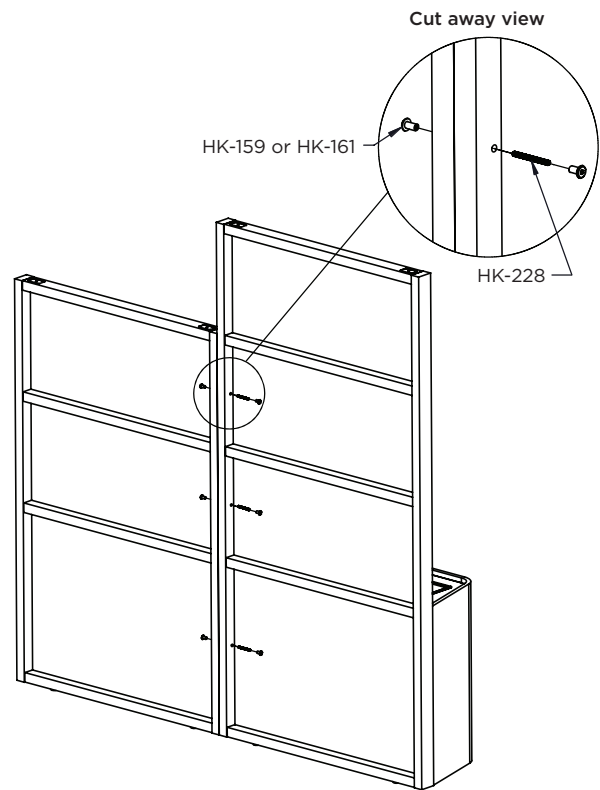


Figure 4E

### Frame panel connection hardware:

- Slat/grill to slat/grill - 2  $\frac{1}{2}$ " stud and 2 connector nuts
- Slat/grill to metal - 3" stud and 2 connector nuts
- Metal to metal - 3  $\frac{1}{2}$ " stud and 2 connector nuts

## Tessellate straight ganging (double sided)

### Tools required:

- $\frac{7}{16}$ " Socket wrench (optional)
- $\frac{7}{16}$ " Open end wrench (optional)
- $\frac{3}{4}$ " Open end wrench
- (2)  $\frac{5}{32}$  Hex keys
- Level (3 ft recommended)

1. Start with the middle unit in the ganging series. Position in the final install location and level unit with the glides. A  $\frac{3}{4}$ " open end wrench can be used to adjust the glide. (**Figure 4A**)

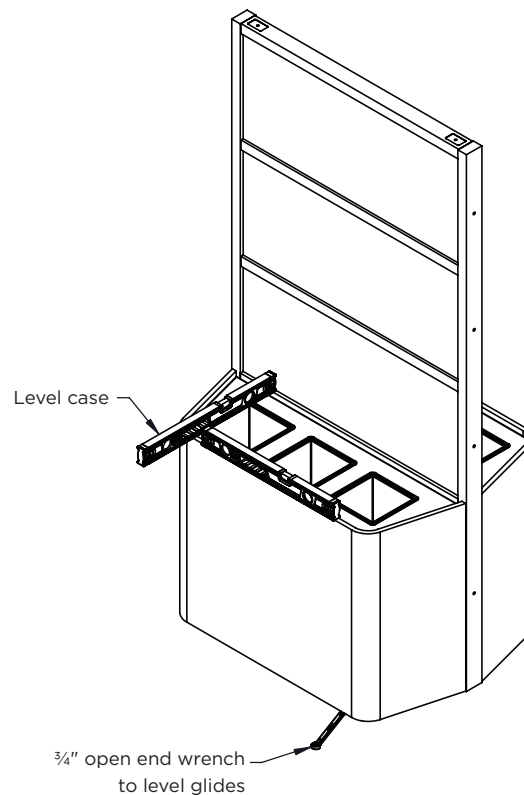


Figure 4A

## Tessellate straight ganging (double sided)

**Note:** Reference **Figure 4B** for 90"h to 90"h planters and **Figure 4C** for 90"h to 72"h planters

2. Bring in the adjacent ganging unit and position in location. Using the glides, level the unit and align the planter surface with the previous leveled unit. Ensure the case edges are flush all around

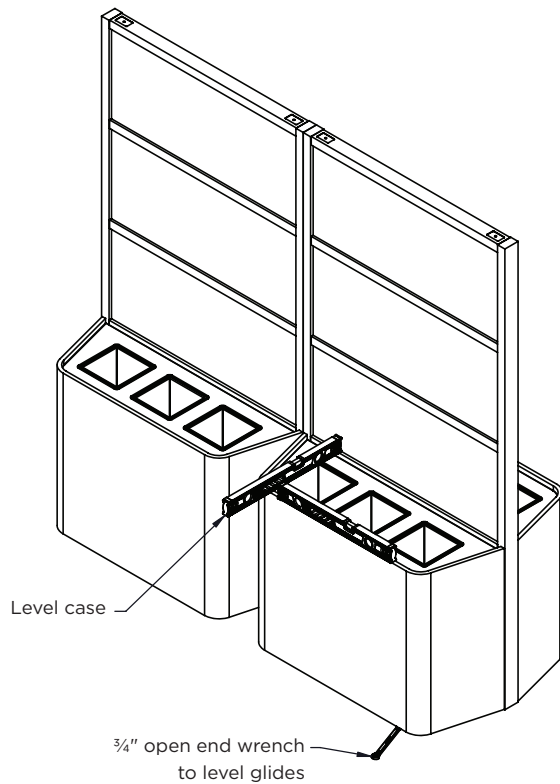


Figure 4B

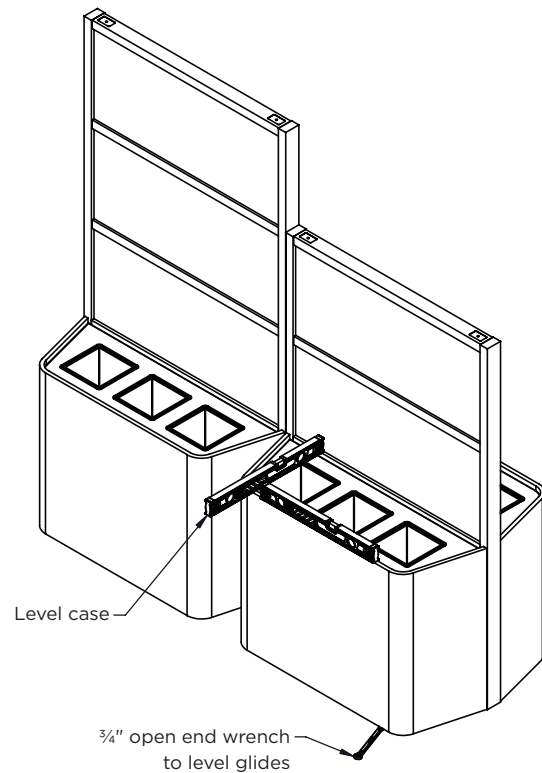


Figure 4C

## Tessellate straight ganging (double sided)

- For 90"h to 90"h planters, locate ganging hardware studs (HK-231) and connector nuts (HK-232 or HK-233, color dependent). Identify the correct stud length from the table below, the length will vary depending on the infill type. Remove the plant liners on the ganging ends to access the interior of the case. Using two  $\frac{5}{32}$  hex keys, bolt the two connector nuts and stud through the frame. For 90"h to 90"h planters, there are four connector bolt joints per side. Ensure both cases remain level and aligned when tightened. (**Figure 4D**)

For 72"h to 72"h or 72"h to 90"h planters, locate ganging hardware studs (HK-228) and connector nuts (HK-159 or HK-161, color dependent). Identify the correct stud length from the table below, the length will vary depending on the infill type. Remove the plant liners on the ganging ends to access the interior of the case. Using two  $\frac{5}{32}$  hex keys, bolt the two connector nuts and stud through the frame. For 72"h to 72"h or 72"h to 90"h planters, there are three connector bolt joints per side. Ensure both cases remain level and aligned when tightened. (**Figure 4E**)

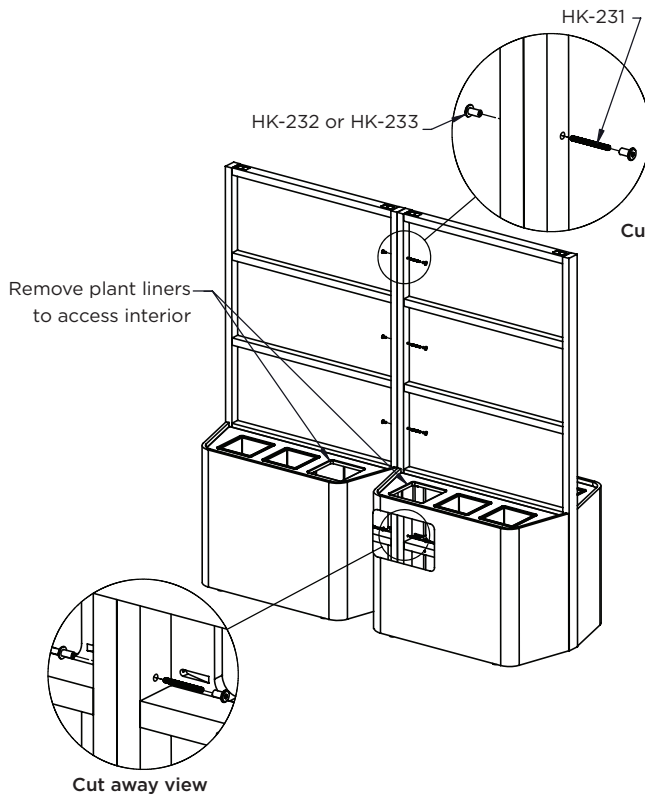


Figure 4D

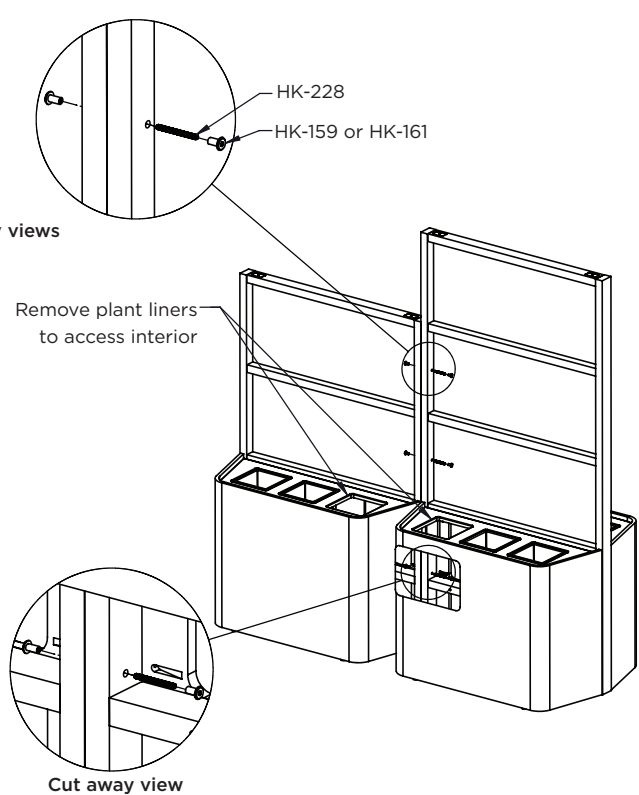


Figure 4E

Frame panel connection hardware:	
• Slat/grill to slat/grill - 2 $\frac{1}{2}$ " stud and 2 connector nuts	
• Slat/grill to metal - 3" stud and 2 connector nuts	
• Metal to metal - 3 $\frac{1}{2}$ " stud and 2 connector nuts	

## Tessellate straight ganging (double sided)

4. If additional adjustment is needed to align the case edges, the case bolts (**Figure 4F**) can be loosened for alignment. These case bolts must be tightened after adjustment.
5. Repeat above steps with additional ganging units until layout is complete.

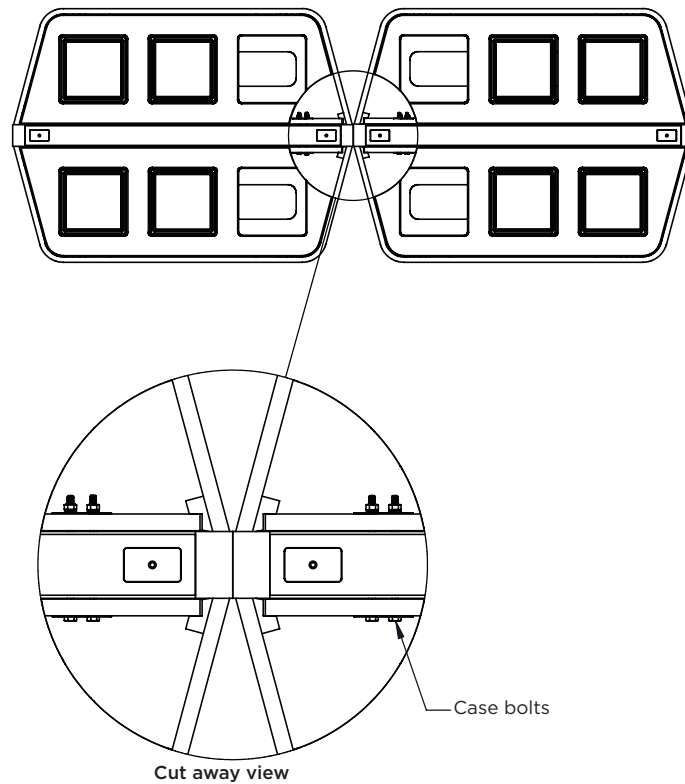


Figure 4F

## Tessellate angled ganging (single sided)

### Tools required:

$\frac{3}{4}$ " Open end wrench

$\frac{5}{32}$  hex key

Level (3 ft recommended)

1. Start with the middle unit in the ganging series. Position in the final install location and level unit with the glides. A  $\frac{3}{4}$ " open end wrench can be used to adjust the glide. (**Figure 5A**)

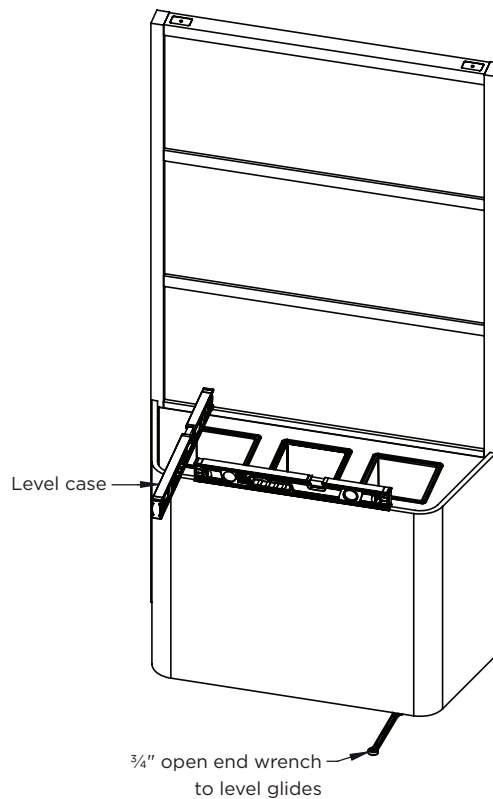


Figure 5A

## Tessellate angled ganging (single sided)

- For 90"h to 90"h planters. Locate ganging hardware connector bolts (HK-238, HK-239, HK-240, or HK-241, color dependent). The infill type will determine which hardware kit is used. Reference table below to identify the appropriate length. Using the  $\frac{5}{32}$  hex key, secure the ganging wedges to the planter frame using the connector bolts. For 90"h to 90"h planters, there are four connection joints per side. (**Figure 5B**)

For 90"h to 72"h planters. Locate ganging hardware connector bolts (HK-234, HK-235, HK-236, or HK-237, color dependent). The infill type will determine which hardware kit is used. Reference table in below to identify the appropriate length. Using the  $\frac{5}{32}$  hex key, secure the ganging wedges to the planter frame using the connector bolts. For 72"h to 72"h, or 72"h to 90"h planters, there are three connection joints per side. (**Figure 5C**)

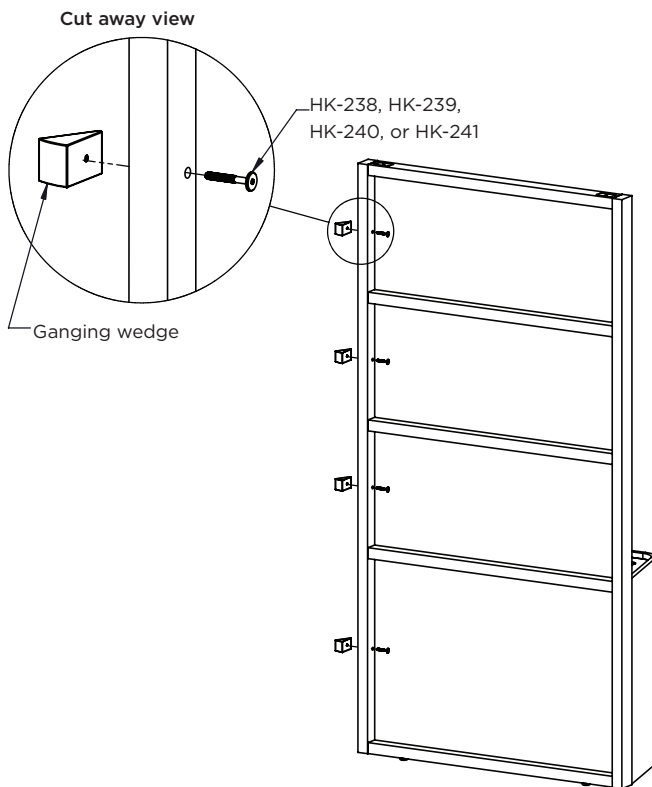


Figure 5B

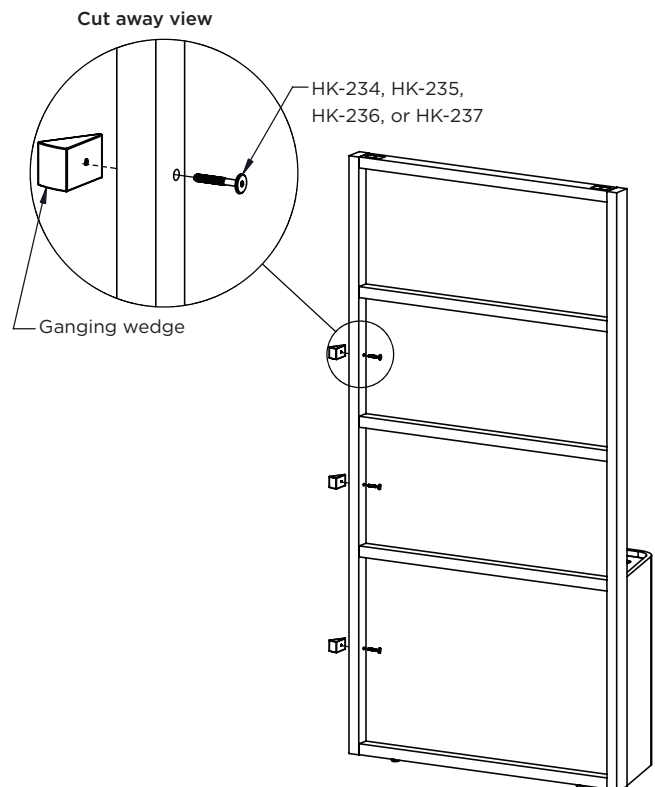


Figure 5C

Frame panel connection hardware:	
• Slat/grill infill - 45mm connector bolt	
• Metal infill - 60mm connector bolt	

## Tessellate angled ganging (single sided)

**Note:** Reference **Figure 5D** for 90"h to 90"h planters and **Figure 5E** for 90"h to 72"h planters

3. Bring in the adjacent ganging unit and position in location. Using the glides, level the unit and align the planter surface with the previous leveled unit. Ensure the case edges are flush all around.

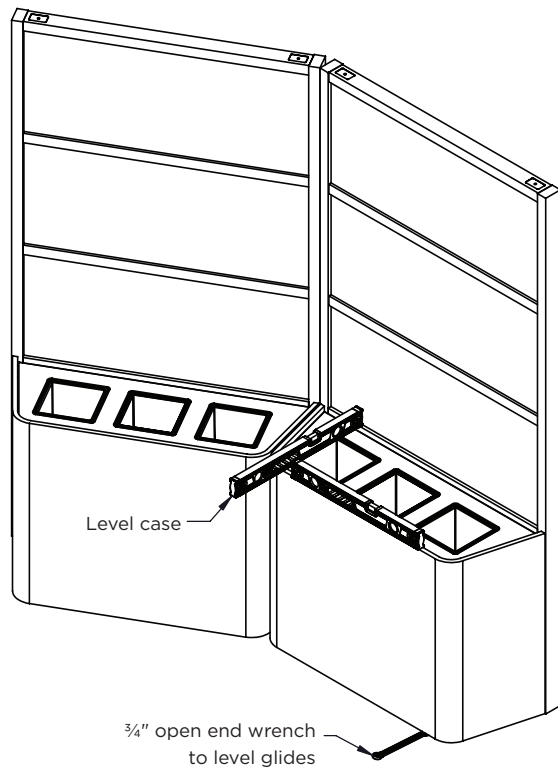


Figure 5D

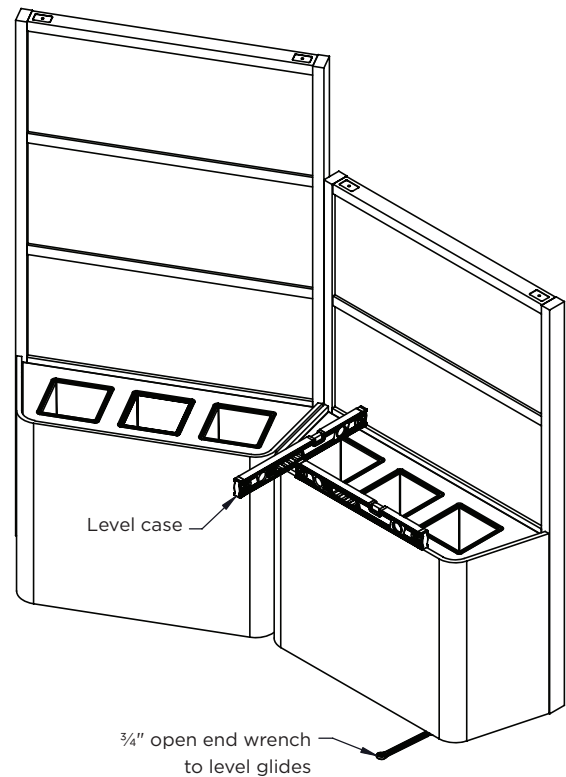


Figure 5E

## Tessellate angled ganging (single sided)

**Note:** Reference **Figure 5F** for 90"h to 90"h planters and **Figure 5G** for 90"h to 72"h planters

- For 90"h to 90"h planters, locate ganging hardware connector bolts (HK-238, HK-239, HK-240, or HK-241, color dependent). The infill type will determine which hardware kit is used. Reference table below to identify the appropriate length. Using the  $\frac{5}{32}$  hex key, secure the planter frame to the ganging wedges using the connector bolts. Ensure both cases remain level and aligned when tightened.

For 72"h to 72"h or 72"h to 90"h planters, locate ganging hardware connector bolts (HK-234, HK-235, HK-236, or HK-237, color dependent). The infill type will determine which hardware kit is used. Reference table below to identify the appropriate length. Using the  $\frac{5}{32}$  hex key, secure the planter frame to the ganging wedges using the connector bolts. Ensure both cases remain level and aligned when tightened.

- Repeat above steps with additional ganging units until layout is complete.

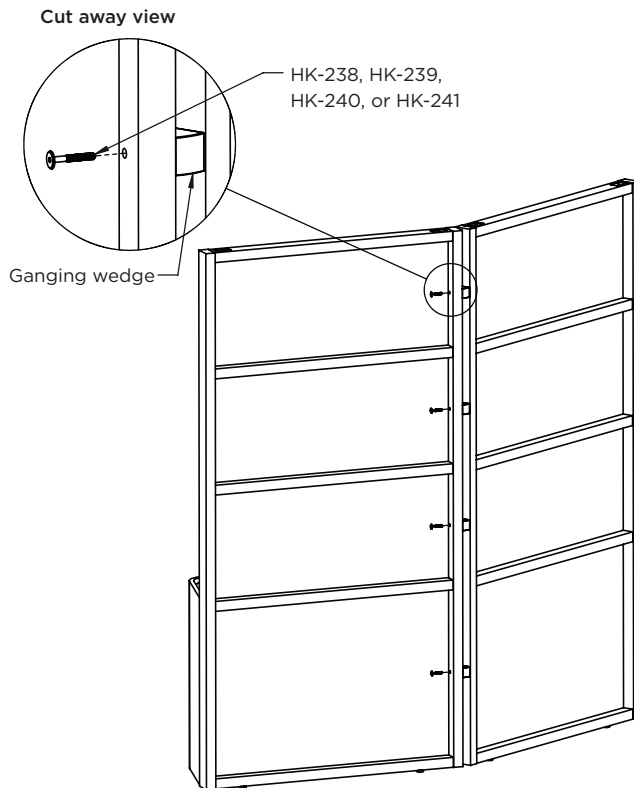


Figure 5F

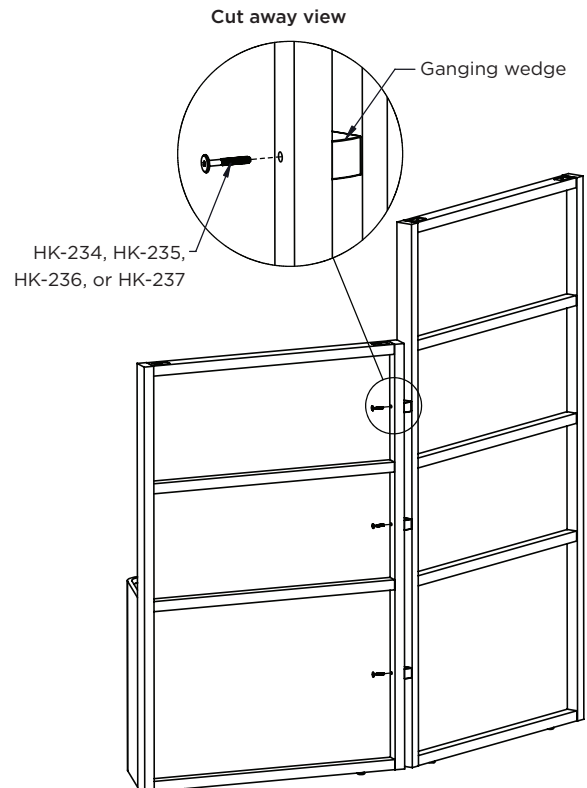


Figure 5G

**Frame panel connection hardware:**

- Slat/grill infill - 45mm connector bolt
- Metal infill - 60mm connector bolt

## Tessellate angled ganging (double sided)

### Tools required:

- $\frac{7}{16}$ " Socket wrench (optional)
- $\frac{7}{16}$ " Open end wrench (optional)
- $\frac{3}{4}$ " Open end wrench
- $\frac{5}{32}$  Hex key
- Level (3 ft recommended)

1. Start with the middle unit in the ganging series. Position in the final install location and level unit with the glides. A  $\frac{3}{4}$ " open end wrench can be used to adjust the glide. (**Figure 5A**)

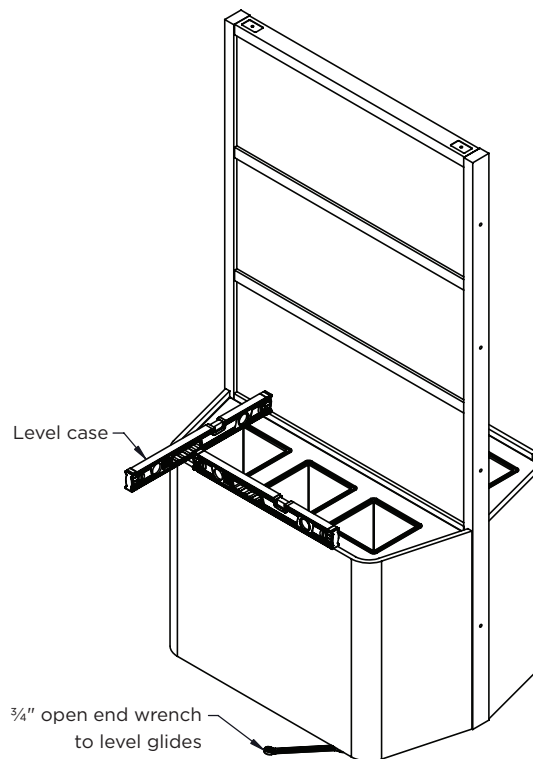


Figure 5A

## Tessellate angled ganging (double sided)

- For 90"h to 90"h planters, locate ganging hardware connector bolts (HK-238, HK-239, HK-240, or HK-241, color dependent). The infill type will determine which hardware kit is used. Reference table below to identify the appropriate length. Remove the plant liners on the ganging ends to access the interior of the case. Using the  $\frac{5}{32}$  hex key, secure the ganging wedges to the planter frame using the connector bolts. For 90"h to 90"h planters, there are four connection joints per side. (Figure 5B)

For 90"h to 72"h planters, locate ganging hardware connector bolts (HK-234, HK-235, HK-236, or HK-237, color dependent). The infill type will determine which hardware kit is used. Reference table below to identify the appropriate length. Remove the plant liners on the ganging ends to access the interior of the case. Using the  $\frac{5}{32}$  hex key, secure the ganging wedges to the planter frame using the connector bolts. For 72"h to 72"h, or 72"h to 90"h planters, there are three connection joints per side. (Figure 5C)

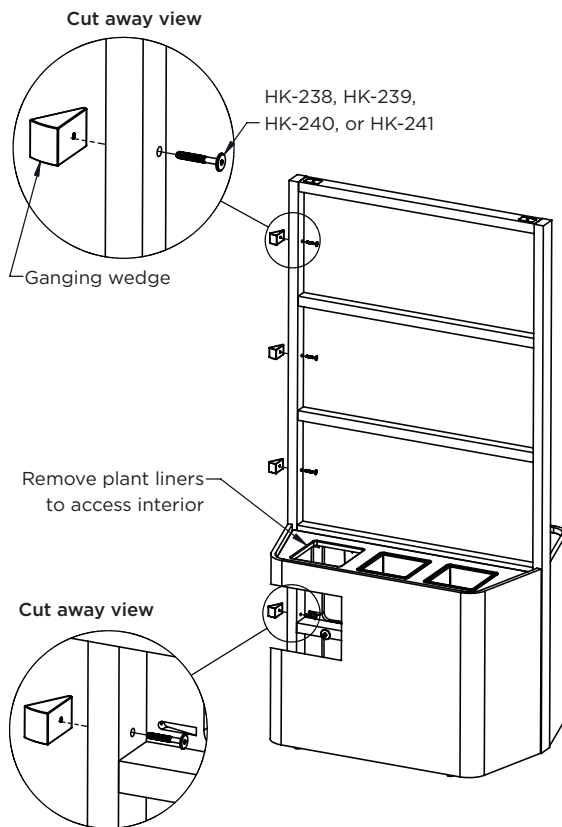


Figure 5B

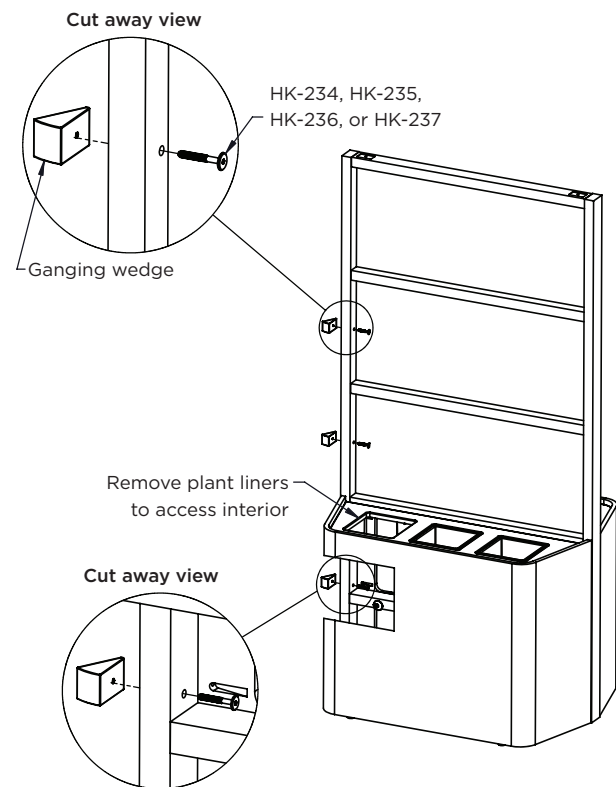


Figure 5C

Frame panel connection hardware:	
• Slat/grill infill	- 45mm connector bolts
• Metal infill	- 60mm connector bolts

## Tessellate angled ganging (double sided)

**Note:** Reference **Figure 5D** for 90"h to 90"h planters and **Figure 5E** for 90"h to 72"h planters

3. Bring in the adjacent ganging unit and position in location. Using the glides, level the unit and align the planter surface with the previous leveled unit. Ensure the case edges are flush all around.

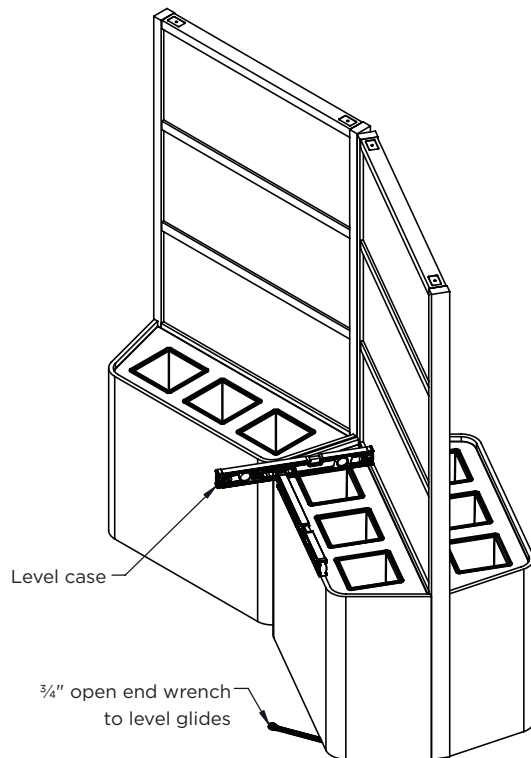


Figure 5D

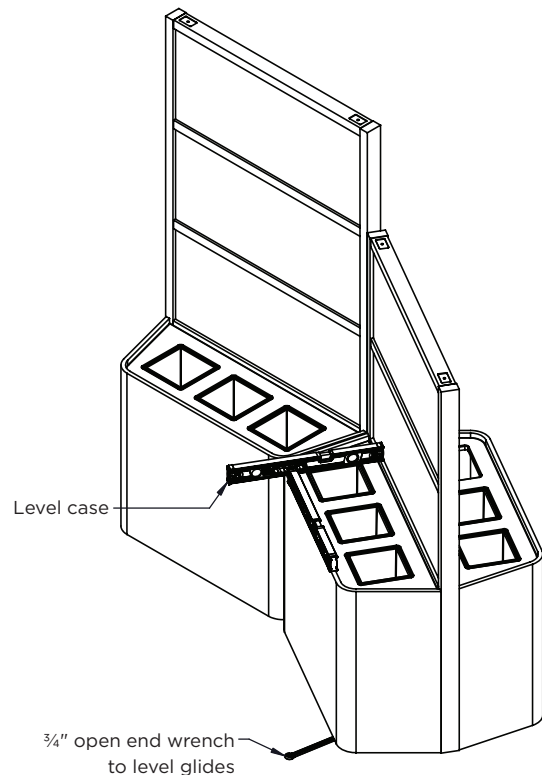


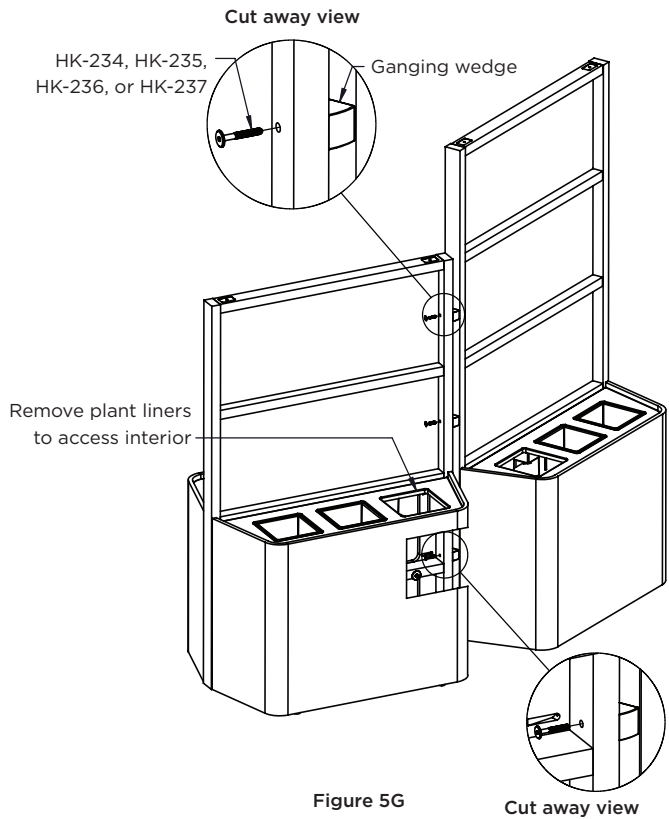
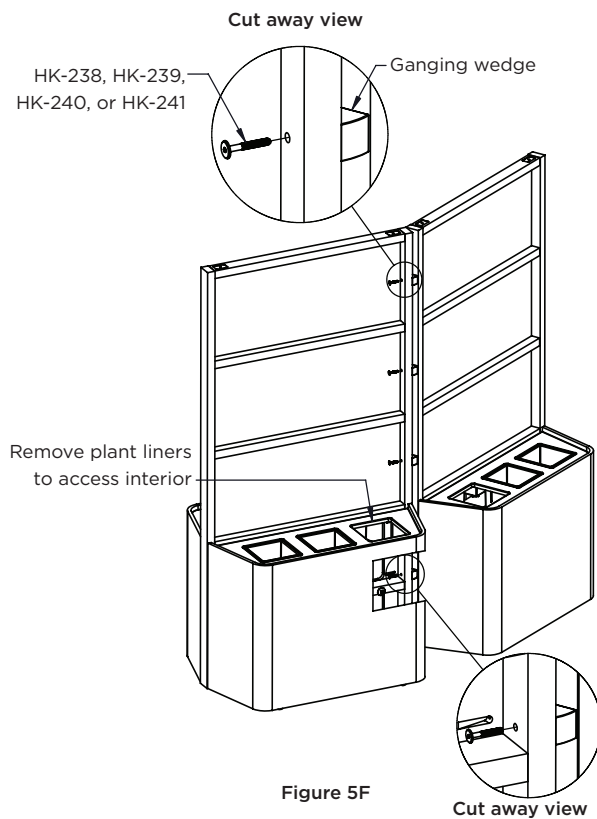
Figure 5E

## Tessellate angled ganging (double sided)

**Note:** Reference **Figure 5F** for 90"h to 90"h planters, and **Figure 5G** for 90"h to 72"h planters

- For 90"h to 90"h planters, locate ganging hardware connector bolts (HK-238, HK-239, HK-240, or HK-241, color dependent). The infill type will determine which hardware kit is used. Reference table below to identify the appropriate length. Remove the plant liners on the ganging ends to access the interior of the case. Using the 5/32 hex key, secure the ganging wedges to the planter frame using the connector bolts. For 90" to 90" planters, there are four connection joints per side. Ensure both cases remain level and aligned when tightened.

For 72"h to 72"h, or 72"h to 90"h planters, locate ganging hardware connector bolts (HK-234, HK-235, HK-236, or HK-237, color dependent). The infill type will determine which hardware kit is used. Reference table below to identify the appropriate length. Remove the plant liners on the ganging ends to access the interior of the case. Using the 5/32 hex key, secure the ganging wedges to the planter frame using the connector bolts. For 72"h to 72"h or 72"h to 90"h planters, there are three connection joints per side. Ensure both cases remain level and aligned when tightened.



Frame panel connection hardware:	
• Slat/grill infill	- 45mm connector bolt
• Metal infill	- 60mm connector bolt

## Tessellate angled ganging (double sided)

5. If additional adjustment is needed to align the case edges, the case bolts (**Figure 5H**) can be loosened for alignment. These case bolts must be tightened after adjustment.
6. Repeat above steps with additional ganging units until layout is complete.

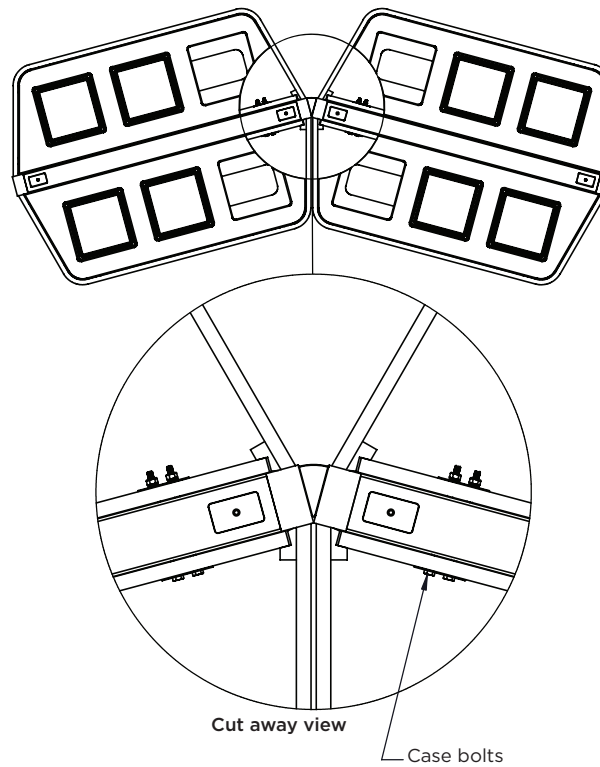


Figure 5H