






GRAVITY FLOW MERCHANDISER (GFM) GRAVITY FLOW SHELF (GFS) SERVICE AND INSTALLATION MANUAL



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Anthony products identified in this manual are designed and certified to meet  or  for safety, and  for sanitation standards.

European products meet  requirements.

Each customer is responsible for final site approval.

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Safety

Safety

Proper safety equipment includes:



work shoes



USE EXTRA CAUTION WHEN WORKING WITH OR AROUND THE DOOR GLASS PACKAGE.

GFM INSTALATION

Uprights To Frame Bracket Installation

WARNING:

- Upright post weight limit is 2100 Lbs (953 KG)
- Posts must have intermediate supports (post locators) installed
- Shelf heights to be located for merchandising and load dispersion

1. Align the front upright with the post brackets on the rear of the frame. Refer to [Figure 1](#) and [Figure 2](#) .



Figure 1 Align brackets



Figure 2 Insert spring

2. Slide the retainer brackets down onto the post brackets. Ensure both are fully engaged. Refer to [Figure 3](#) and [Figure 4](#).



Figure 3 Slide bracket



Figure 4 Brackets engaged

3. Uprights are available in a “welded assembly”. [Refer to Figure 5.](#)



Figure 5 Upright welded assembly

4. Level the uprights by adjusting the level bolts. [Refer to Figure 6.](#)

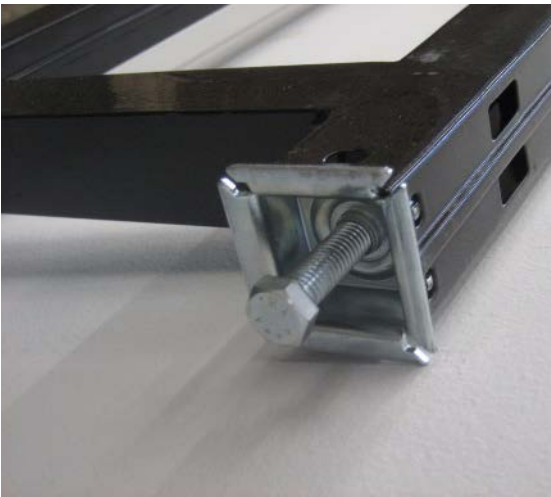


Figure 6 Upright leveling bolt

Front Adjustment Bracket

- Align the prongs on each end of the adjustment bracket to the rectangular holes on the two center posts of the upright. Refer to [Figure 7](#) and [Figure 8](#).



Figure 7 Align prongs to hole



Figure 8 Insert spring

- Push prongs into holes and the push down. The bracket will lock in place to the post. Refer to [Figure 9](#).

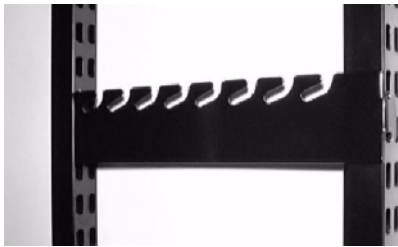


Figure 9 Bracket installed

Shelf Installation

WARNING:

- GFM Shelf weight limit of 500 lbs (227 Kg)

- Set front hooks of shelf into slots on the two front brackets. Refer to [Figure 10](#).



Figure 10 Slide hooks into slots

8. Insert both hooks of the rear “S” hock system into the rectangular holes on the rear post. [Refer to Figure 11.](#)



Figure 11 Insert S-hook onto post

9. Verify that ALL safety thumb screws are securely tight when shelf is installed. [Refer to Figure 12.](#)



Figure 12 Secure thumb screw

Front Product Stop Installation (If Required)

10. Insert the front product stop into the adjusting slots. [Refer to Figure 13](#) and [Figure 14.](#)



Figure 13 Insert set-pin into product stop

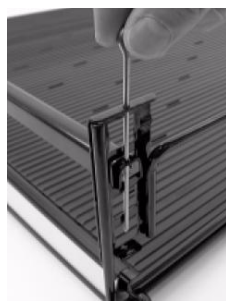


Figure 14 Set-pin adjusting slot stop

11. Insert the set pin into the set pin hole on the front product stop. [Refer to Figure 15.](#)

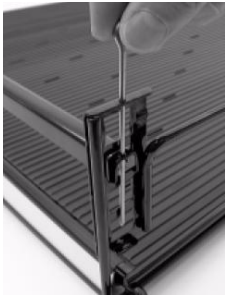


Figure 15 Insert pin on product stop

12. Continue to insert the set pin until it locks into the adjusting bracket bottom. [Refer to Figure 16.](#)



Figure 16 Install set-pin into bracket

Lane Divider Installation (If Required)

13. Insert the front prong into the back side of the front product stop. [Refer to Figure 17](#) and [Figure 18.](#)

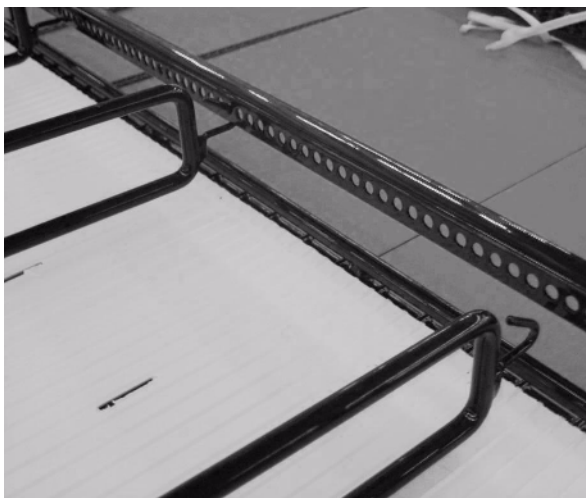


Figure 17 Insert lane divider front prong

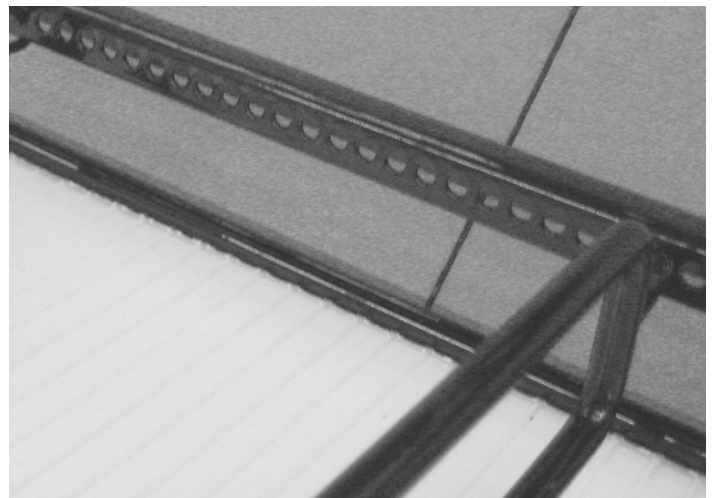


Figure 18 Lane dividers (front) installed

14. Insert the two rear prongs into the back side of the rear product stop. Refer to [Figure 19](#) and [Figure 20](#).
15. Grab the rear prongs (with front prong set) and carefully extend them over the rear product stop into the slots.

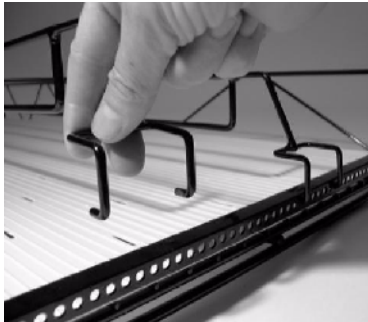


Figure 19 Insert lane divider rear prongs

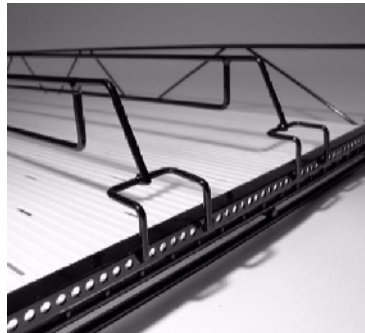


Figure 20 Lane dividers (rear) installed

Plastic Glide Sheet Installation (If Required)

16. Insert the glide sheet (with ribs facing upward) between the rear product stop and shelf wiring, Refer to [Figure 21](#).

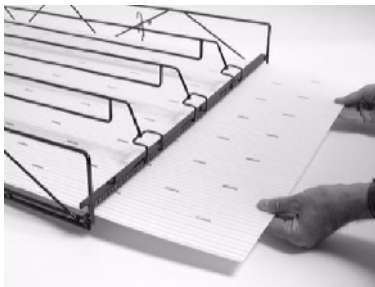


Figure 21 Insert glide sheet

17. Slide the guide sheet forward until it rests against the price tag moulding-wire back. Refer to [Figure 22](#).

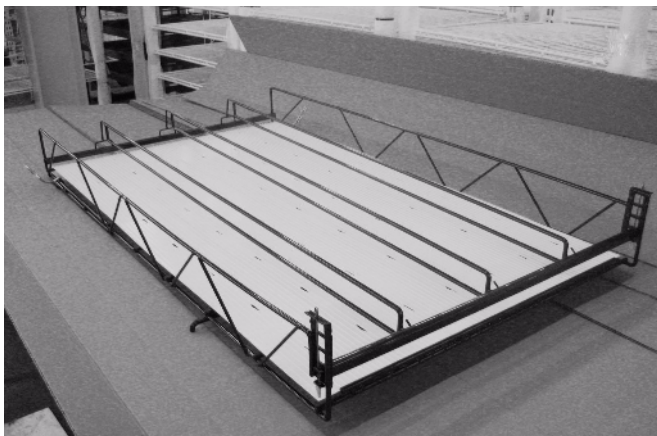


Figure 22 Insert pin on product stop

Roller Strip Installation

18. Align roller strips on the shelf and firmly set roller strip down onto the shelf. Refer to [Figure 22](#), [Figure 23](#), and [Figure 24](#).



Figure 23 Align roller strip on shelving

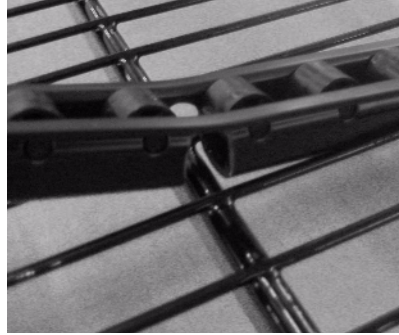


Figure 24 Set roller firmly on shelving



Figure 25 Roller strip set

GFS INSTALLATION

Post to Frame Bracket Installation

WARNING:

- Individual post weight limit 1050 lbs (476 Kg)
- Posts must have intermediate supports (post locators) installed
- Shelf heights to be located for merchandising and load dispersion

1. Align the front upright with the post brackets on the rear of the frame. Refer to [Figure 26](#) and [Figure 27](#).



Figure 26 Align brackets



Figure 27 Insert spring

2. Slide the retainer brackets down onto the post brackets. Ensure both are fully engaged. Refer to [Figure 28](#) and [Figure 29](#).



Figure 28 Slide bracket



Figure 29 Brackets engaged

Shelf Installation

WARNING:

- GFS shelf limit of 300 Lbs (136 Kg)

3. Angle/tilt shelf, refer to [Figure 30](#), left to right, enough for front and rear shelf prongs to clear post.



Figure 30 Front prong to post

- Level and place shelf at desired height.
- Insert front and rear shelf prongs into post slots simultaneously. Refer to [Figure 31](#) thru [Figure 34](#) .



Figure 31 Front prong to post

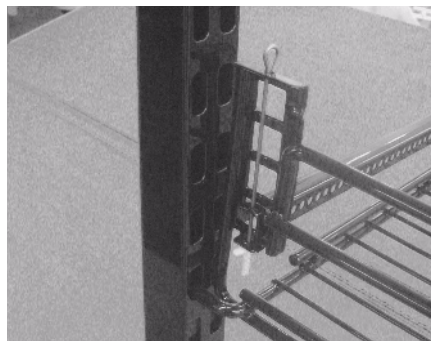


Figure 32 Rear prong to post



Figure 33 Front prong set

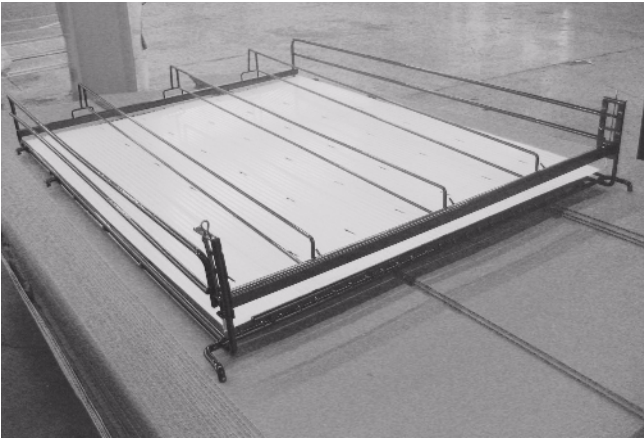


Figure 34 GFS Complete assembly

4. To incline a shelf angle:
 - a. Pull the shelf back allowing rear prongs to clear post while leaving the front prongs inside the post.
 - b. Tilt shelf-rear upward to the desired incline angle.
5. Shelves should not be inclined more than 15 degrees (approximately three post slots higher than shelf front).



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Revision History

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C	September 28, 2010	SWatstein	Format update
D	February 3, 2011	SWatstein	Correct manual title

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