



Doing Our Best to Provide You the Best

8D000010, Rev A

06/25

LIQUID TENDER - TOTE RACK CAGE

5' and 5'8" Models



ASSEMBLY INSTRUCTIONS

You're a few simple steps away from having your NEW Demco Tote Rack Cage assembled and ready to go. The following instructions are designed to help with that process. Should you have any questions, assistance is available from your Dealer or from Demco. 1-800-543-3626.



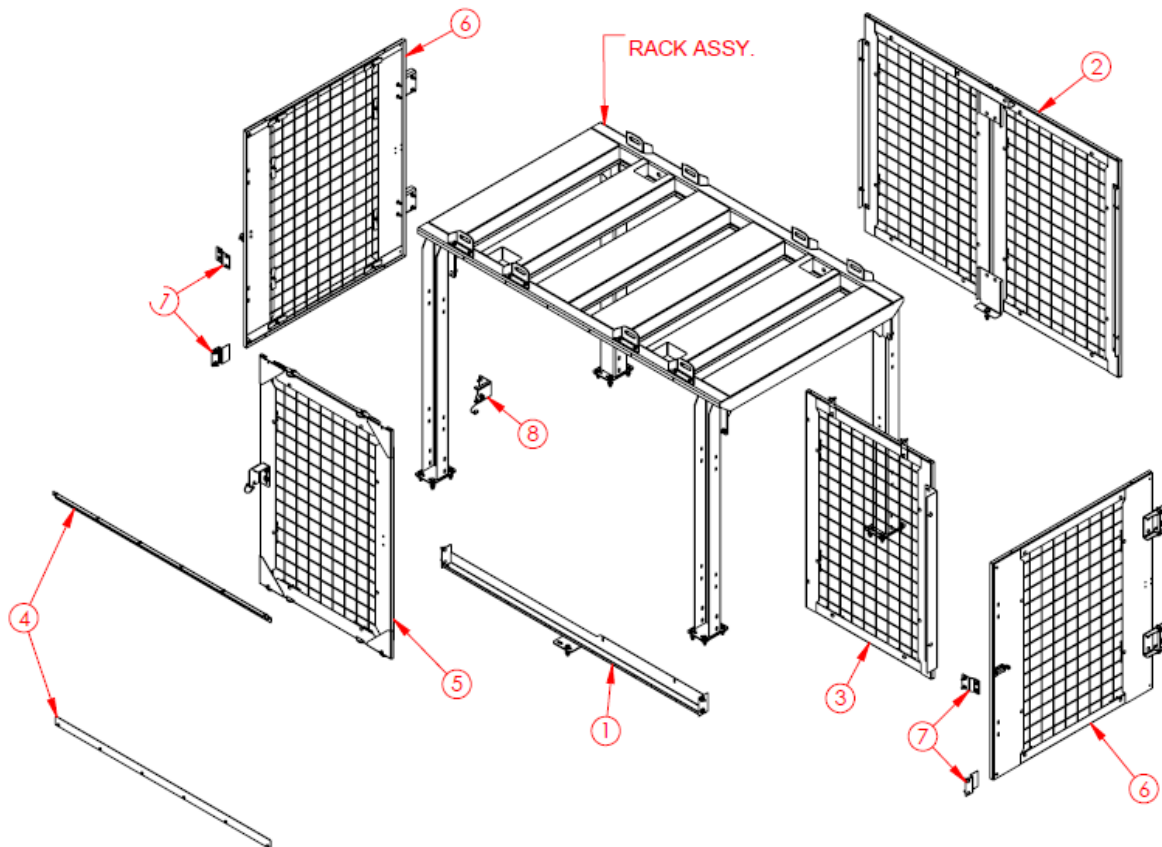
NOTE: Carefully study and understand the Operator's Manual and all safety guidelines before operating, adjusting, or repairing. It is the owner/operator's responsibility to read the manual and instruct other operators to do the same to help ensure safe, efficient operation of the equipment.

What's Included

*Assembly instructions and information for Demco 5' and 5'8" Tote Rack Cage.

Cage Assembly (To pair with the Demco Tote Rack)

Item	Qty	Description	Part Number - 5' Tote	Part Number - 5'8" Tote
1	1	SLIDE GATE BASE TRACK ASSEMBLY	5D000446	5D000446
2	1	WALL SECTION ASSEMBLY DOUBLE	5D000451	5D000449
3	1	WALL SECTION ASSEMBLY SINGLE	5D000456	5D000450
4	1	GATE GUIDE ASSEMBLY	5D000458	5D000451
5	1	GATE ASSEMBLY	5D000491	5D000452
6	2	DOOR ASSEMBLY	5D000492	5D000454
7	2	GATE LATCH & BOTTOM STOP ASSEMBLY	5D000493	5D000456
8	1	GATE CLOSURE ASSEMBLY	5D000495	5D000458



Cage Assembly Fasteners

Fastener	Qty	Description	Part Number
1	8	FLAT WASHER, 1/4"	1AF009D0000
2	1	FLAT WASHER, 5/16"	1AF009E0000
3	12	FLAT WASHER, 1/2"	1AF009H0000
4	1	NYLON LANYARD	1AF031DKA00
5	1	PRESS RIVET FOR NYLON LANYARD	1AF032D0000
6	1	LYNCH PIN, 1/4" X 2"	1AF034DBA00
7	8	NYLOCK NUT, 1/4"-20	1AFBP3587
8	98	CARRIAGE BOLT, 3/8"-16 X 1-1/4"	1AFC04FAAD0
9	4	CENTER LOCK NUT, 1/4"-20	1AFC05D0000
10	2	HEX BOLT, 1/2"-13 X 2-1/2"	1AFC12HBAH0
11	4	HEX BOLT, 1/2" X 7"	1AFC12HGA05
12	8	FLANGE BOLT, 1/4"-20 X 1", SERRATED	1AFC37DAA05
13	4	MACHINE SCREW, 1/4"-20 X 1"	1AFC50DAA00
14	9	SOCKET SHOULDER BOLT, 1/2" X 1/2"	1AFC62H00H0
15	6	FLAT WASHER, 33/64 X 3/4", STAINLESS STEEL	1AFU09H0000
16	18	FLAT WASHER, 1.25 OD X .516 ID, NYLON	1AFV09H00A0
17	107	NYLOCK FLANGE NUT, 3/8"-16	1AFZ08F0005
18	6	NYLOCK FLANGE NUT, 1/2"-13	1AFZ08H0005
19	12	HEX BOLT, 5/16 -18 X 1/2", FLANGE SELF CUTTING	1AFZ12E00H5
20	2	SPRING-LOADED LATCH, SLIDE BOLT	1AFZ81Y0000
21	4	BUMPER, 1" HIGH, 1/4" HOLE PE	1AR00000054

Cage Assembly Parts

Item	Qty	Description	Part Number – 5' Tote	Part Number – 5'8" Tote
22	6	GATE GUIDE ROLLER	1AV00000610	1AV00000610
23	6	WALL PANEL SECTION	3D000926	3D000844
24	1	WALL SECTION SINGLE SIDE CLAMP	3D000928	3D000847
25	2	WALL SECTION DOUBLE SIDE CLAMP	3D000929	3D000848
26	1	WALL SPLICE BRACKET, TOP	3D000851	3D000851
27	1	WALL SPLICE BRACKET, BOTTOM	3D000852	3D000852
28	48	PANEL CLAMP PLATE	3D000853	3D000853
29	1	GATE LATCH HANDLE	3D000854	3D000854
30	2	DOOR LATCH PLATE	3D000855	3D000855
31	4	DOOR HINGE, GATE SIDE	3D000856	3D000856
32	4	DOOR HINGE, LEG SIDE	3D000857	3D000857
33	2	DOOR BOTTOM STOP PLATE	3D000858	3D000858
34	1	GATE CLOSURE BRACKET	3D000859	3D000859
35	1	GATE GUIDE, TOP	3D000860	3D000860
36	1	GATE GUIDE, BOTTOM	3D000861	3D000861
37	2	WALL SECTION SINGLE TOP CLAMP	3D000863	3D000863
38	1	SLIDE GATE BASE TRACK	5D000446	5D000446
39	1	GATE FRAME ASSEMBLY	5D000489	5D000447
40	3	WALL SECTION FRAME	5D000490	5D000448
41	2	DOOR FRAME ASSEMBLY	5D000494	5D000453

Cage Assembly Instructions

Helpful Tips Before You Begin:

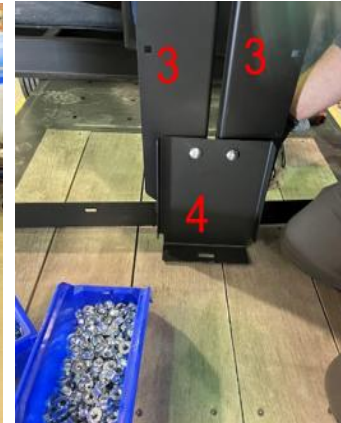
- Assemble sections loosely
- Use a level and tape measure to square up sections within the adjustable slots
- Recheck the square of sections as you tighten them

Step 1

- Start with the Walls. Attach using 3/8" Carriage Bolts (Fastener 8) and 3/8" Nylock Nuts (Fastener 17) for each of the items below:



- Attach the Wall Splice Bracket, Top (Item 26) [Fig. 1]
 - Attach the Wall Section Double Side Clamps (Item 25) [Fig. 2]
 - Attach the two Wall Panel Sections (Item 23) [Fig. 3]
 - Attach the Wall Splice Bracket, Bottom (Item 27) [Fig. 4]
- Square the Wall Panels on the Wall Splice Brackets and work your way towards the sides



- Attach Slide Gate Base Track (Item 38)



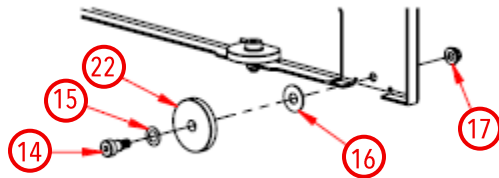
- Attach the Wall Section Single Side Clamp (Item 24) on the Leg [Fig. 1]
- Loosely Attach the Wall Section Single Top Clamps (Item 37) [Fig. 2]
- Attach the Single Wall Panel (Item 23) to the Slide Gate Base Track (Item 38) and Wall Section Clamp (Item 24) [Fig. 3]

- Square and tighten all Bolts

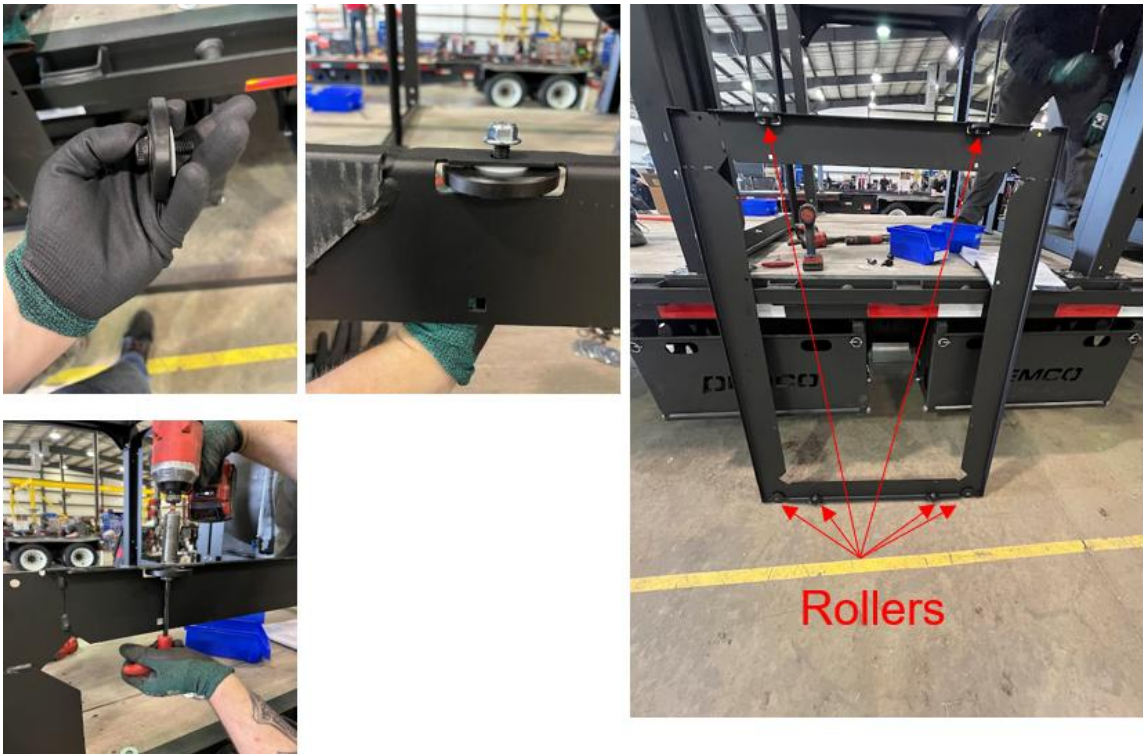


Step 2

- Assemble the Rollers on the Gate
 - Stack the Shoulder Bolt (Fastener 14), Stainless Steel Washer (Fastener 15), Gate Guide Roller (Item 22) and a Nylon Washer (Fastener 16) to pass through the gate hole, then add a Nylock Nut (Fastener 17). [Detail View below and on the next page, letter B.]

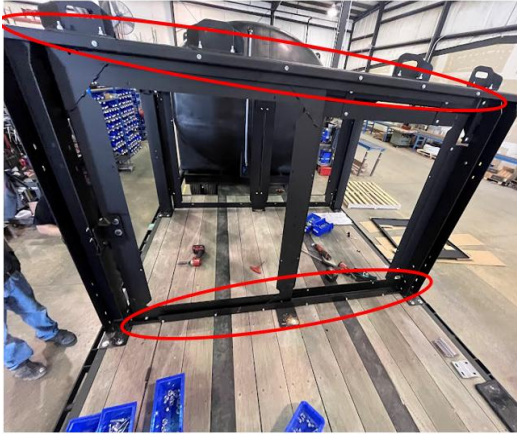


- **TIP:** There should be 6 Rollers on the Gate. (See image below.)



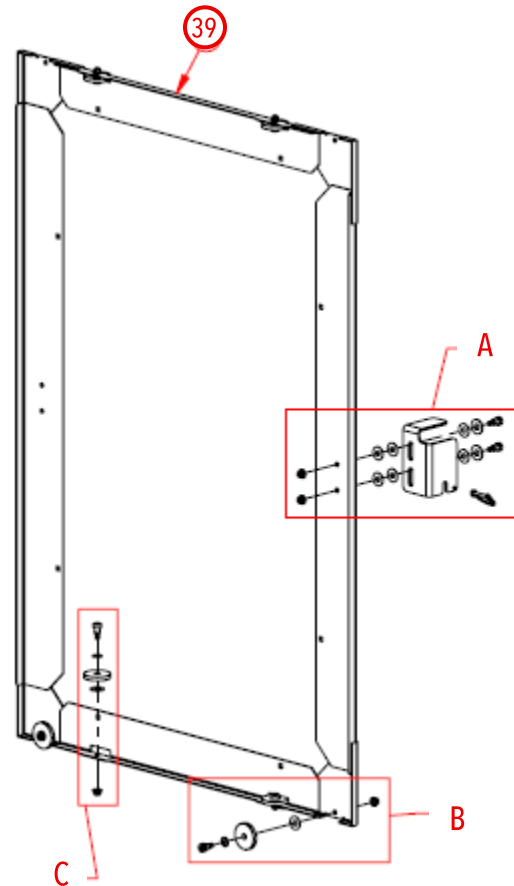
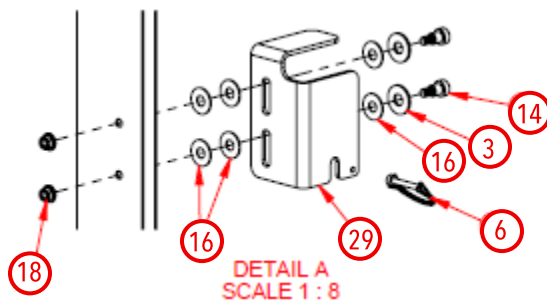
Step 3

- Assemble the Gate Frame on the Track
 - Place Gate Frame Assembly (Item 39) on the Slide Gate Base Track (Item 38)
 - Put Gate Guides on Top & Bottom (Item 35 & 36) with 5/16" Cutting Screws (Fastener 19)



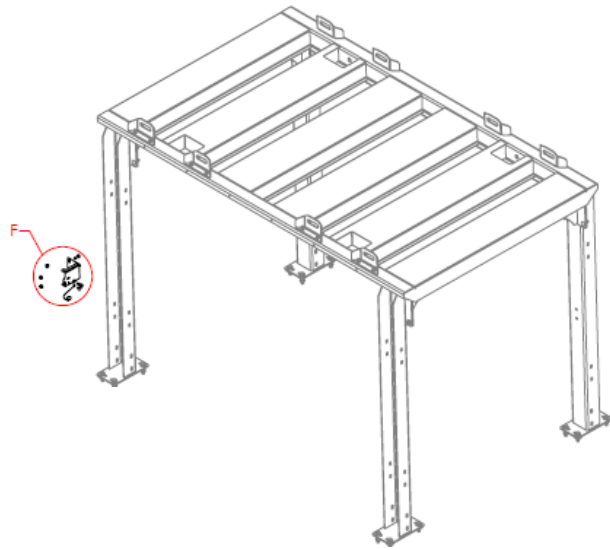
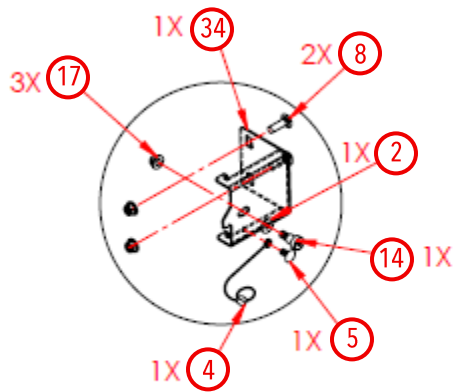
Step 4

- Add the Gate Latch Handle
 - Attach the Gate Latch Handle (Item 29) to the Gate Frame Assembly (Item 39) using the 1/2" Socket Shoulder Bolt (Fastener 14), 1/2" Flat Washer (Fastener 3), 1.25 OD X .516 ID Nylon Flat Washer (Fastener 16), 1/4" X 2 Lynch Pin (Fastener 6), and 1/2" Nylock Nut (Fastener 18)



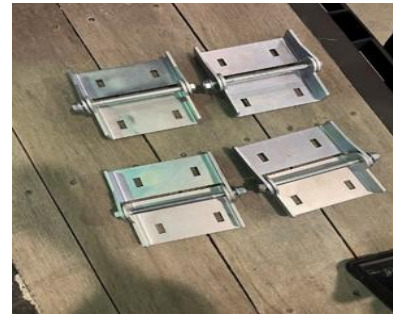
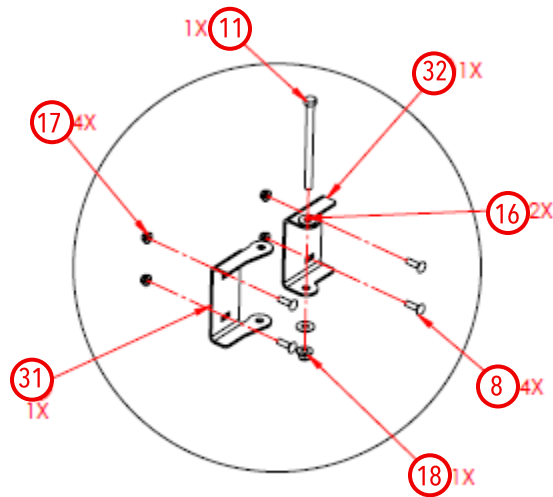
Step 5

- Add the Gate Closure Bracket
 - Attach the Gate Closure Bracket (Item 34) on the Leg using 3/8" Carriage Bolts (Fastener 8) and 3/8" Nylock Nuts (Fastener 17) [View 2]
 - Add the Nylon Lanyard (Fastener 4) and Press Rivet for Nylon Lanyard (Fastener 5) using 1/2" Socket Shoulder Bolt (Fastener 14) and 5/16" Washer (Fastener 2) to the Gate Closure Bracket (Fastener 34)



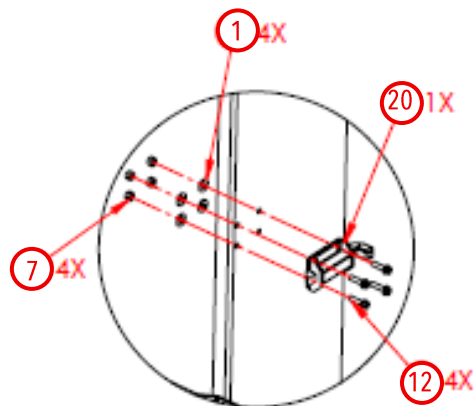
Step 6

- Assemble the Door Hinges
 - Prebuild the Door Hinges for the Gate Side & Leg Side (Item 31 & 32) using "1/2" Hex Bolt (Fastener 11), 1/2" Nylock Nut (Fastener 18), 1.25 OD X .516 ID Nylon Flat Washer (Fastener 16), 3/8" Carriage Bolt (Fastener 8), and 3/8" Nylock Nut (Fastener 17)
- NOTE:** There will be two Door Hinge Assemblies per swinging door.



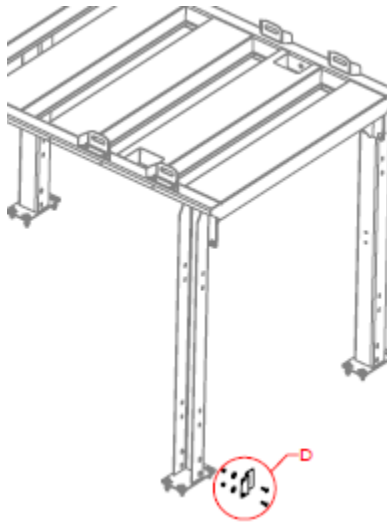
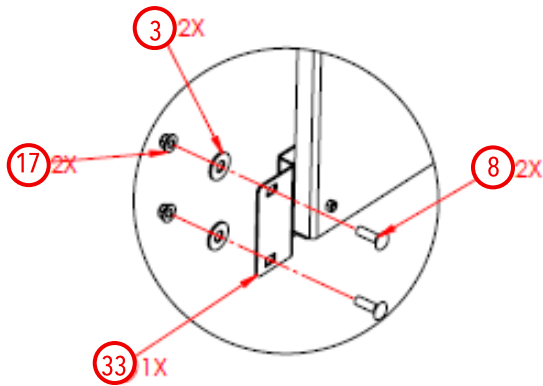
Step 7

- Attach the Spring-Loaded Slide Bolt Latch (Fastener 20) to the Door using 1/4" -20 X 1 Flange Bolt (Fastener 12), 1/4" Flat Washer (Fastener 1), and 1/4"-20 Hex Lock Nut (Fastener 7)
- NOTE:** There will be one Slide Bolt Latch per swinging door



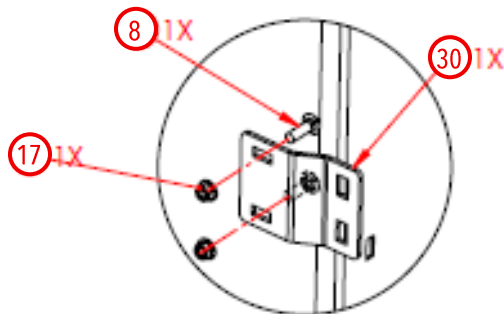
Step 8

- Attach the Door Bottom Stop Plate (Item 33) using the 3/8" Carriage Bolt (Fastener 8), 1/2" Flat Washer (Fastener 3), and 3/8" Nylock Nut (Fastener 17) [View D]



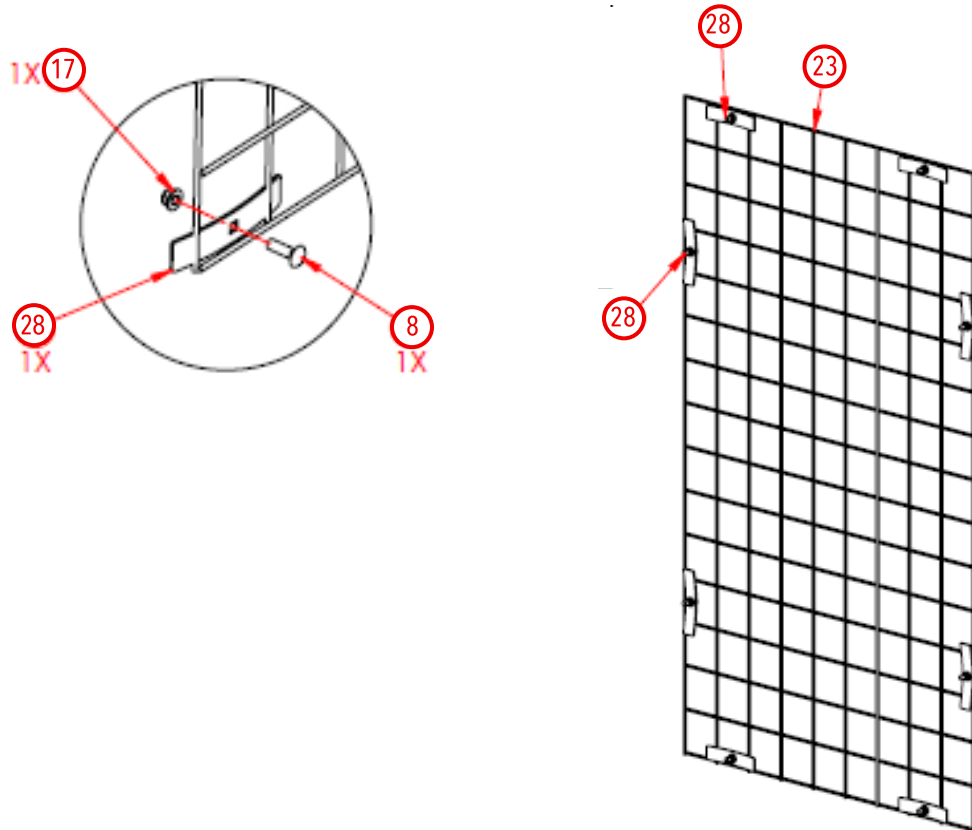
Step 9

- Attach the Door Latch Plate (Item 30) on the Legs using 3/8" Carriage Bolt (Fastener 8) and 3/8" Nylock Nut (Fastener 17) [View A]

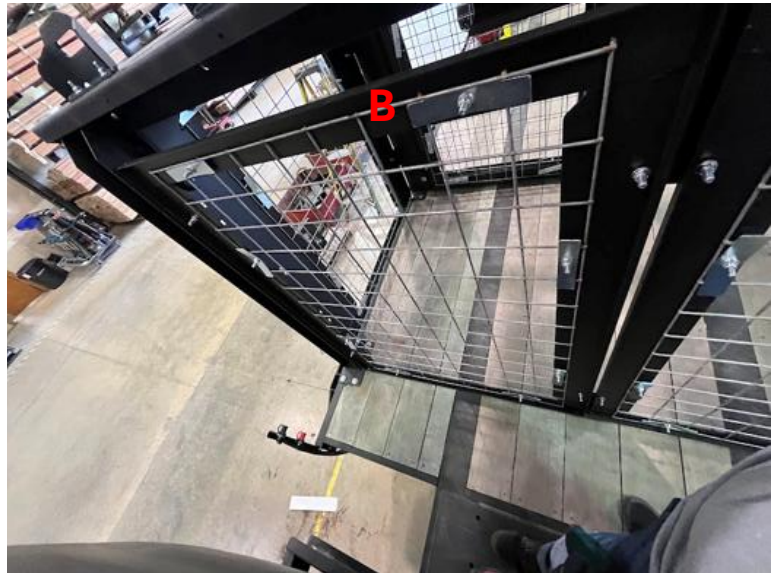
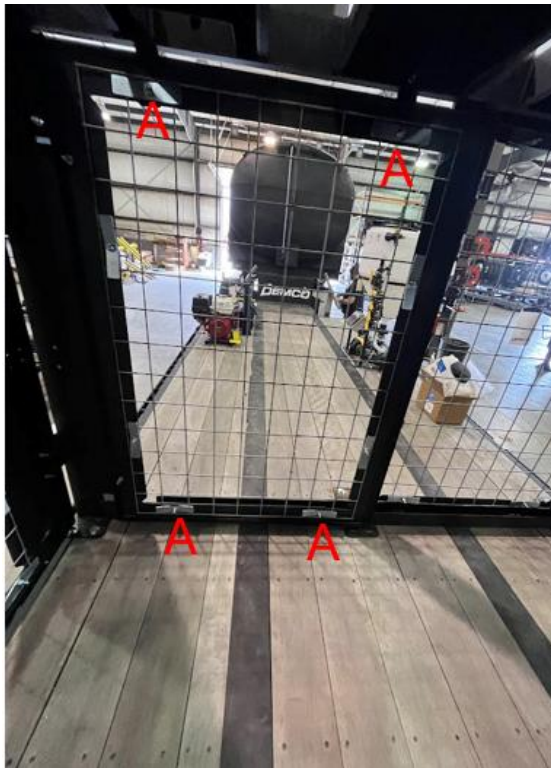


Step 10

- Attach the Panel Clamp Plates (Item 28) to the Wall Panel Sections (Item 23) using 3/8" Carriage Bolts (Fastener 8) and 3/8" Nylock Nuts (Fastener 17)



- Attach Wall Panel Sections (Item 23), to the Wall Section Frames (Item 40), starting with the Door Frame Assembly (Item 41) and the Front Wall Panel, using 3/8" Carriage Bolts (Fastener 8) and 3/8" Nylock Nuts (Fastener 17)
 - Loosen the top and bottom bolts that were put on earlier [\[View A, next page\]](#)
 - **TIP:** The rectangular Panel Clamp Plates (Item 28) will compress down and create a 'U' shape [\[View B, next page\]](#)
 - **TIP:** The Bolts face out on the back two panels and towards the inside on the rest of the locations
 - Repeat for Each Wall Section





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**Demco warranty policies, operator manuals, and product registration
can be found online:**

www.demco-products.com