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COMPARISON: PREVIOUS vs. NEW DISPLAY

TOP VIEW PROFILE

Right Hinged
Hinge on Right

TOP VIEW PROFILE

Left Hinged
Hinge on Left

For assistance please call (715) 214-8265
IMPORTANT NOTE: When the terms “right” or “left” are used, the instructions assume you are looking at the front of the display.

Left Hinged vs. Right Hinged Displays
There are two different display model versions. We refer to each version by the side of the sample the hinges are installed on.

Left Hinged (hinge on left) version.

For assistance please call (715) 214-8265
ITEMS SHIPPED FROM IDEAL DOOR®

Display Crate
Approximately 99” × 43” × 42”

Graphics Box
Packed in Display Crate
15” × 15” × 43”

If you did not receive these or are missing any of the components contained inside, please contact IDEAL Door® at (715) 214-8265
RELOCATION & DISASSEMBLY OF DISPLAY

REMOVING THE FACADE
Disconnect stabilizer strap inside façade that attached façade to zig zag display. Façade and pallet racking can be removed. Façade can be discarded, including the black metal pieces used to attach it to the racking and frame the opening.

RELOCATING THE DISPLAY
Move the display to its new location. Once ready to convert the display to the new format, then proceed with these instructions.

DISASSEMBLE DISPLAY

SAVE THE FOLLOWING ITEMS. THESE WILL BE NEEDED FOR REASSEMBLY.
• Literature holders
• All black metal display parts and screws – these will be reused
• All MDF boards behind graphics
RELOCATION & DISASSEMBLY OF DISPLAY

BRACING THE DISPLAY
If the display will be left assembled without racking behind it, then brace it as shown.

Lumber Required:
Two 2" x 4" x 8' boards for each end (4 total)

Cut a 2" x 4" into 2' and 6' pieces.
Cut another 2" x 4" at 76" with 21 degree angle.
Attach with 2-1/2” Construction Screws.
Repeat for other end of display.

For assistance please call (715) 214-8265
DISASSEMBLY OF PREVIOUS DISPLAY

1. Remove and save literature holders.

2. Remove and discard the EZ-SET® spring, price sign holders and all samples.

3. Remove Graphic caps as shown in diagram at right.

4. Remove Graphics.

5. Remove MDF boards.

6. Pull zig-zag forward to access the rear of the display.

Top View Details of Graphic Cap Positions with screw centerlines shown
DISASSEMBLY OF PREVIOUS DISPLAY

7. Remove top strap as shown on far right illustration.
8. Remove end gusset plates from top strap.
9. Disassemble zig zag frames (refer to bottom inset illustrations).

For assistance please call (715) 214-8265
10. Remove the 5-sided angle shown in the below illustration.
STEP 1: CAP THE RIGHT BASE

All joints are made with #8 × 3/4" hex head sheet metal screws unless otherwise specified. Matching screw holes have been provided in all components unless otherwise specified.

1a) Place the Right Rear Telescoping End Cap (E24) on the Right Base with the tabs as shown in the auxiliary view. Use the self-drilling feature of the Tek screws to attach (E24) to the Base.

1b) Select the Right Front Telescoping End Cap (E22) and attach it to the front of the side arm of the Right Base (U). Use the self-drilling feature of two Tek screws inserted through the tab on (E22).

1c) Use the self-drilling feature of the Tek screws to attach (E22) to the Base and (E24).
STEP 2: CAP THE LEFT BASE

The left end of the display will be shortened for the new arrangement.

2a) Use a powered saw to cut the Base side Arm of the Left Base to 26” long.
2b) Attach the Left Front Telescoping End Cap (E21) and the Left Rear Telescoping End Cap (E23) as done in Step 1.

Figure 2
STEP 3: ASSEMBLE THE BASE

NOTE: Assemble the components in the aisle where the display is to be located. You will need to have access to all sides of the display to complete assembly.

3a) Attach a Base Joiner Strap (T) to the inside of the Right Base (U) with four screws.
3b) Attach a second Base Joiner Strap (T) to the inside of the Left Base (V) with four screws.
3c) Slide the Left and Right Base assemblies inside the Base Extension Section (E4) and fasten with 4 screws at each joint.

WARNING: Be sure to set the torque on the drill to avoid stripping the screws.

For assistance please call (715) 214-8265
STEP 4: ATTACH THE LONG END FRAME

4d) Select the Long End Frame (E5) and align the five holes in the bottom plate with the holes in the Base and the base side arm.

4e) Insert five 3/4” Tek screws and partially tighten them.

4f) Slide one 16-7/8” Graphic Cap (R) under the bottom of the Long End Frame (E5) until it contacts the Tek screws. This will set a 5/16” gap for the MDF Graphic Panel to be installed later.

4g) Tighten the Tek screws.

For assistance please call (715) 214-8265
**STEP 5: INSTALL THE FIRST LARGE ZIG ZAG FRAME**

5a) Select a Large Zig Zag Frame (A) and align it with the hole pattern in Large End Frame (E5). Note the orientation of the Five-sided and Wide Columns on the Large Frame (A) in Top View detail. Note that the Five-sided column will nest in the cutout in the bottom of the Long End Frame.

5b) Insert two (2) 3/4" Tek screws and partially tighten them.

5c) See the Detail drawing. Slide one 26" Graphic Cap (Q) under the Cross Channel of the Zig Zag Frame (A) until it contacts the Tek screws. This will set a 5/16" gap for the MDF Graphic Panel to be installed later.

5d) Tighten the Tek screws.

5e) Secure the Large Zig Zag Frame to the Long End Frame with 5 Tek screws inserted through the two-sided column in the middle of the Long End Frame into the five-sided column.
STEP 6: INSTALL THE FIRST SMALL ZIG ZAG FRAME

6a) Select a Small Zig Zag Frame (B) and align it with the hole pattern shown in the Top View below. Note the position of the Four-sided and Two-sided Columns on the Small Frame (B). See the Detail at the left to clarify the fit between the Frames.

6b) Insert two (2) 3/4” hex head sheet metal screws and partially tighten them.

6c) Slide a 10-1/2” Graphic Cap (S) under the Cross Channel of the Zig Zag Frame (B) until it contacts the hex head sheet metal screws. This will set the 5/16” gap for the MDF Graphic Panels as was done in the previous step.

6d) Tighten the hex head sheet metal screws.

6e) Move to the back side of the display and insert five (5) 3/4” hex head sheet metal screws through the Four-sided column of the Small Frame (B) and into the Large Frame (A). Thoroughly tighten these screws.

For assistance please call (715) 214-8265
STEP 7: INSTALL THE REMAINING ZIG ZAG FRAMES

7a) Attach the remaining five (5) Large (A) and Small (B) Zig Zag Frames and their respective 26" (Q) and 10-1/2" (S) Graphic Caps to the Base using the same procedures as in the previous steps.

NOTE: Each Frame is fastened to the Base with two (2) 3/4" hex head sheet metal screws, and to the adjacent Frame with five hex head sheet metal screws.
STEP 8: INSTALL THE SHORT END FRAME

See Figures 8 & 9

8a) Place the Short End Frame (E6) on the Base. Figure 9 shows the fit of (E6) to the right-most Small Zig Zag Frame (B). Use 5 Tek screws to join (B) and (E6). Use the self-drilling feature of two Tek screws to fasten the bottom of (E6) to the Base.

Screws  Tek Screws
STEP 9: INSTALL THE TOP STRAPS

9a) Select the Top Straps (Y, Z), Joiner Straps (N), and Top Strap Expansion (E7). Fasten assemblies (Y) and (Z) with the Joiner Strap (N) as shown in the drawing. Use 3/4\" hex head sheet metal screws through both Top Straps.

9b) Lift the assembled Straps to the top of the Zig Zag and attach to the Side and Large Frames with a total of ten (10) screws.

**Package 1**
- #8x3/4\" Hex head sheet metal screw
  - Use: General assembly of steel components

**Package 2**
- #8x1/2\" Hex head sheet metal screw
  - Use: Attachment of sample doors to Large Frames

**Package 3**
- 5/16-18x1\" hex head cap screw
  - Use: Attachment of "Z" channels to existing "H" rack

**Package 4**
- 1 1/4\" dry wall screws
  - Use: Joining metal parts to wood, joining OSB to 2x6's

**Package 5**
- 2 1/2\" dry wall screws
  - Use: Joints between 2x6 boards

**Package 6**
- 5/16-18x1\" carriage bolts
  - Use: Mounting EZ-Set Display

**Package 7**
- #8x1/2\" Black hex head SM screws
  - #8x2\" White pan head SM screws
  - Use: color chips & 3D Logo

**Package 8**
- Wafer Head screws
  - Use: Attaching siding & J channels

**Package 10**
- Foam Bumper Pads

**Package 11**
- #10 x 3/4\" Tek screws
  - Attachment of part I to "H" rack and if a hole strips out

**Package 12**
- Rubber Bumpers
  - Rear of Door Samples

**Package 13**
- Black plastic Spacer
  - White plastic Bushing
  - Use with "thin" doors

**Package 14**
- #8 x 2\" Phillips pan head sheet metal screws
  - #8 x 1 1/4\" Phillips pan head sheet metal screws
  - #8 x 1/2\" Phillips head Tek screws

**Package 15**
- #8 x 3/4\" Tek Screw (black)
  - Use: Attachment of Hinges to door Samples

**Package 16**
- 10-24x1/2\" Phillips machine screws
  - 10-24 Keps nuts
  - Mounting Extension Brackets

**NOTE**
- Two screw holes are visible in the Large Frame cross channel.
- Detail 7
  - Top Strap (Z) fit
  - Tek screw inserted here.
- Small Frame
- Large Frame Cross Channel
- (Z) Left Top Strap
- Note: Top Strap L-angle should orient downward, not up.
STEP 10: INSTALL THE END MDF BACKING BOARDS, GRAPHICS, AND GRAPHIC CAPS

Refer to the illustrations below.

10a) Select the 32-1/4” wide MDF panel (E16) and place in the channel at the bottom and top of the Large Frame End (E5). Add the wide end graphic (shown below), Capture the MDF panel and graphics with two Graphic Caps (E18). Secure each with five screws. See views 1 and 3 at right.

10b) Select the 13-3/4” MDF Panel (E17) and place it in the channel at the bottom of the Narrow End Frame. Add the narrow end graphic (shown below), Capture the MDF Panel and graphics with Graphic Cap E18 on the back corner. Secure with five screws. See view 5 at right.

The display can now be pushed into place – you no longer need access to the rear of the display.

**IMPORTANT NOTE:**

Do not overtighten these screws!

**NOTE:**
The Wide End graphic is printed two-sided. Use the side with the empty space oriented to the back of the display.

**NOTE:**
You will need the GRAPHICS BOX to complete this step.

**NOTE:**
Place other graphics back inside box until ready for use to keep them from being damaged.
STEP 11: INSTALL THE MAIN DISPLAY MDF BACKING BOARDS, GRAPHICS, AND GRAPHIC CAPS

11a) Begin at the left end of the display and place the bottom of an 18 1/2" wide Graphic Support Panel (F) in the slot created by the Graphic Cap at the bottom of the Side Panel Frame (C). Slide the left edge of the panel all the way to the left vertical column of the Side Panel Frame. Install the printed graphics in the same manner. Capture the graphics by fastening the "Z" section Graphic Cap (H) to the left column of the Side Panel Frame with five Tek screws. See Detail 11 view 1.

11b) Select a 28 5/8" wide Graphic Support Panel (D) and fit its bottom into the slot created by the Graphic Cap at the bottom of the Large Zig Zag Frame. Slide its right edge all the way to the right of the right vertical column of the Large Zig Zag Panel. It will be "inside" the column. Install the printed graphics in the same manner. Capture the left edge of the graphic by fastening the Two-sided Graphic Cap (J) to the Side Panel Frame with five Tek screws as shown in Detail 11 view 2.

11c) Select a 12" wide Graphic Support Panel (E) and place the bottom in the slot created by the Graphic Cap at the bottom of the Small Zig Zag Frame. Slide it to the left until it contacts the left vertical column of the Small Zig Zag Frame. Install the printed graphics in the same manner. Install the next 28 5/8" Graphic Support Panel (D) and printed graphic. Capture both the 28 5/8" and 12" graphics with a Three-Sided Graphic Cap (EEE) attached with five Tek screws as shown in Detail 11 view 4.

11d) Repeat for the remaining 28 5/8" and 12" Graphic Support Panels and printed graphics.

The top graphic caps will be installed once the header is in place.

11e) Select Five-Sided Graphic Cap E10 and install on the front of the narrow end, capturing the inside and outside graphics. See detail 6.

**NOTE:** You will need the GRAPHICS BOX to complete this step.
STEP 12: INSTALL THE HEADER & STRUT RACK

12a) Attach the End Panel with Grid (E27) to the Long End Frame with two Tek screws.

12b) Attach the Plain End Panel (E14) to the Short End Frame with two Tek screws.

12c) Select the Left Header (E2), Header Extension (E3), and Right Header (E1). Note: the inboard ends of the left and right headers that fasten to the extension have 1/4" holes completely through the side that contacts the extension. The other ends have 5/32" pilot holes through only the outboard face. Fasten Left and Right Headers to the sides of the Header Extension with two 1/4-20 x 2.5" Phillips truss head machine screws and 1/4-20 Keps nuts at each joint. Tighten securely.

12d) Place the assembly from step C on top of the front edge of the Large Zig Zag Frames. Align the pilot holes in the tubing at either end with the holes in the End Panels. Fasten with Tek screws. There are pre-punched holes in the mounting flange on the bottom of the Header frames. Align these holes with the end hole on the Large Zig Zag Frame cross channels and secure with a Tek screw. See Figure 11.

NOTE: The header sections can also be placed one at a time and fastened to each other as you work. This is best if only one person is available.

12e) Install the Graphic Caps (Q) while fastening the header to the large frames. Each require two screws, one of which also fastens the header. Install the small Graphic Caps (S) on each small frame. Each require two screws.

TROUBLESHOOTING NOTE: If the header doesn’t line up correctly, check the placement of the top strap in Step 9, Detail 7.
**STEP 12: INSTALL THE HEADER & STRUT RACK**

**STABILIZE THE ENTIRE DISPLAY BY ATTACHING IT TO THE ADJACENT RACKING WITH THE TWO ANGLE STRAPS (E30)**

12f) Insert a 1/4" x 20 x 5" carriage bolt (not provided) through the slot in the stabilizer strap and the racking upright. Fasten loosely with a nut and washer.

12g) Use Tek screws to attach the stabilizer strap to the top strap of the display. You may need to remove the screws attaching the top strap to the ends. If so, refasten with Tek Screws through the top and stabilizer strap once the stabilizer strap is in place.

12h) Tighten the bolt enough that the display is vertical with the racking. It should not be tight against the upright.

12i) Insert the header graphics and capture them by fastening the Header Graphic Caps (E11) to the ends of the headers.

**Install Ceiling Boards**

12j) Place the 12 x 96 MDF panels (E33) on top of the Zig Zag Frames and back straps. They should butt together in the middle of the display with no gaps visible when looking up from below.

**NOTE:** The boards are packed in the bottom of the crate, black side down. If you can’t find them use SKU 211-5622

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**NOTE:** You will need the GRAPHICS BOX to complete this step.

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**Strut Rack Graphic**

**INSTALL STRUT RACK**

12k) Attach Strut Rack Bottom Pan (E15) using two Tek Screws. The back of the Pan should be flush with the back of the display.

12l) Insert Strut Rack Graphic into tag channels on the rack.
STEP 13: MISCELLANEOUS ITEMS

ASSEMBLE THE DOOR SAMPLE BUMPERS

13a) Attach a 3/4” diameter by 1” tall Rubber Bumper to the backside of the door panel using the components taken from the old samples. Drill a 3/32” pilot hole 2” from the bottom edge and from the edge of the side opposite the hinge. Fasten with a #8 x 1-1/4” Phillips head sheet metal screw. See illustration at right.

ATTACH THE LITERATURE HOLDERS

13c) Attach the Literature holders with two screws, aligning the top of the holder with the marks on the graphic. See illustration below.

CONSTRUCTION OVERVIEW AND INTELCORE GRAPHIC

Align the tops of the literature holders with the marks.

ROLL-UP DOORS LITERATURE HOLDER

Align the bottom of the literature holders with the bottom of the image.
**STEP 14: ATTACH THE DOOR SAMPLE PANELS**

14a) Door Panels are identified with model numbers. The planogram shows where each door panel is to be placed.

14b) Use four (4) #8 × 1/2” hex head sheet metal screws (Bag # 2) to attach each Hinge Mount to the wide vertical column of the Large Zig Zag Frames (A).

**NOTE:** If any of the screws are stripped, replace with a #10 × 1/2” screw (not provided).

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**IMPORTANT NOTE:**

Use 1/2” long screws to avoid damaging artwork!

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See Door Sample Planogram on Opposite Page
Door Panels are identified with model numbers. The planogram on the image shows where each door panel is to be placed.

1. MDP38U (White, Solid)
2. MDP38 (White, Solid)
3. M5ST (White, Solid)
4. MDP38U (Bronze, Stockton)
5. MDP38 (White with Windows)
6. M4SV (White, Solid)
7. MR1SU (Walnut)
8. MR1SP (Medium)
9. MR4SV (White, Solid)
10. MFC38U (Cypress, Slate)
11. MCC38 (Black with Windows)
12. M4FV (Sandtone, Solid)
13. MWL211-NC (4-Layer, Medium)
14. MF11/MF12 (Sandtone)
15. MH1H (Unfinished)
16. C7X20 (White)
17. CFR68/3200 (Gray)
18. C5EST (Brown)
19. 200M Rollup (White)
SPRING RACK ASSEMBLY

Place the spring racks on the end fixture of the “H” rack.
Locate the brackets as shown and insert the tabs in the pegboard.
Insert #8 x 3/4" Tek screws through the holes in the Bracket as shown in the enlarged detail to secure the spring racks.

NOTE:
Current spring rack and graphics will be reused

IMPORTANT NOTE:
Spring rack should not rest on shelf.
FINISHED DISPLAY

2018 IDEAL Door® Sell Center Left Hinged Version

Width: 16’5” plus 6” Strut, Shaft & Tube Rack (Outside Left End)

Height: 10’8”
EXTRA PARTS TO DISCARD

The following parts are no longer used on the display and may be discarded, after the new display is complete.

- **(C)** Side Panel Frame
  - Quantity: 2

- **(G)** Side Frame Graphic Cap

- **(H)** “Z” Section Graphic Cap

- **(K)** Five-Sided Channel

- **(R)** Two 16-7/8” Graphic Caps
  - Quantity: 4

- **(Y)** Top Strap with Small Gusset

- **(Z)** Top Strap with Large Gusset
PARTS LISTS

(A) Large Zig Zag Frame
6 required

(D) Large Graphic Support Panel MDF
28 5/8" x 95 5/8"
6 required

Channels cross-sections shown enlarged

(G) Intentionally left blank

(J) Two-sided Graphic Cap with 45 degree bends
1 required

(N) Top Strap Joiner
2 required

(O) Intentionally left blank

(P) Intentionally left blank

(E) Small Graphic Support Panel MDF
12" x 95 5/8"
6 required

(H) "Z" Section Graphic Cap
1 Required

(K) Intentionally left blank

(Q) 26" Graphic Cap
12 required

(C) Slide Panel Frame
1 required

(F) Slide Graphic Support Panel MDF
18 1/2" x 95 5/8"
1 required

Intentionally left blank

(L) Intentionally left blank

(M) Intentionally left blank

(R) 16 7/8" Graphic Cap
2 required
PARTS LISTS

(S) 10 1/2” Graphic Cap
12 required

(T) Base Joinder Strap
2 required

(U) Right Base
1 required

(V) Left Base
1 required

(W) Intentionally left blank

(Y) Right Top Strap
1 required

(EEE) Three-sided Graphic Cap with two 45 degree bends
5 required

(E33) Header Bottom Panel
MDF (black one side)
12” x 95-5/8” to 97”
2 Req’d

(E30) Stabilizer Strap
2 Req’d

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PARTS LISTS

(E1) Right Header
1 required

(E2) Left Header
1 required

(E3) Header Expansion Section
1 required

(E4) Base Expansion Section
1 required

(E5) Wide Side Frame
1 required

(E6) Narrow Side Frame
1 required

(E7) Top Strap Expansion Section
1 required

(E8) Intentionally left blank

(E9) Angle Strap
2 req'd

(E10) Narrow End Front Graphic Cap
1 required

(E11) Header Graphic Cap
2 required

(E12) Wide End Frame & Rear Narrow Frame Graphic Caps
3 required

(E13) End Panel with Grid
1 required

(E14) End Panel with Tag Channels
1 required

(E15) Strut Rack Bottom Pan
1 required

(E16) MDF panel
32.25x95.75
1 required

APPENDIX ZIG ZAG DISPLAY

LEFT HINGED

Garage Doors
PARTS LISTS

(E17) MDF panel 13.75x95.75
1 required

(E21) Left Front Telescoping End Cap
1 required

(E22) Right Front Telescoping End Cap
1 required

(E23) Left Rear Telescoping End Cap
1 required

(E24) Right Rear Telescoping End Cap
1 required

SUPPLIED HARDWARE

#8x3/4” Hex head sheet metal screw
Use: General assembly of steel components

#8x1/2” Hex head sheet metal screw
Use: Attachment of sample doors to large frames

1/4-20x2.5” Phillips truss head machine screw
1/4-20 Keps nuts

For assistance please call (715) 234-8265
IMPORTANT!
PLEASE KEEP THESE INSTRUCTIONS IN A
SAFE PLACE FOR FUTURE REFERENCE

DESIGNED EXCLUSIVELY FOR

MENARDS®