



## Indoor BlinkerStop<sup>®</sup> Installation Guide

For Fastening Sign To:

- Walls
- Telespars
- Warehouse Racking Systems
- Other Structures

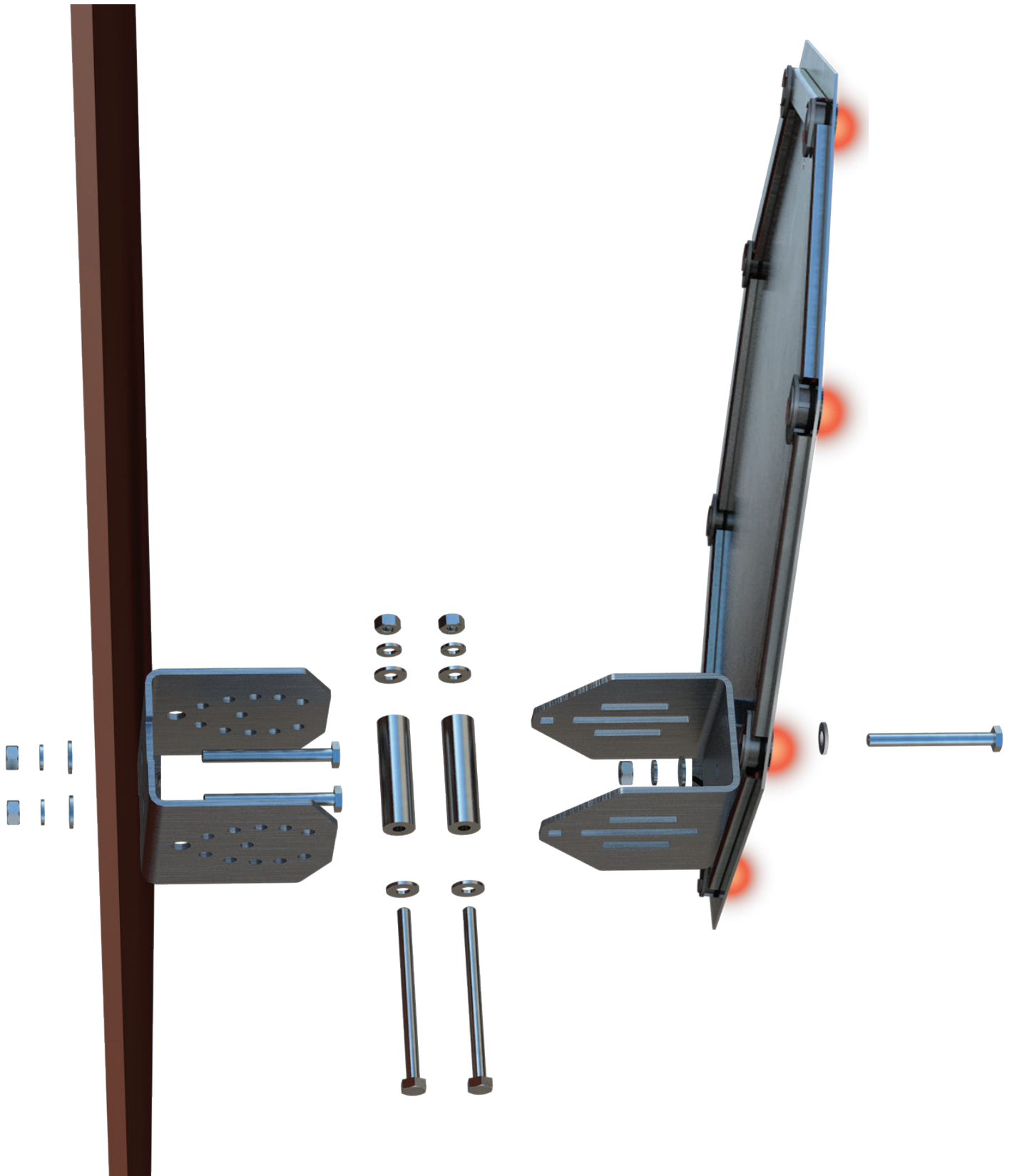


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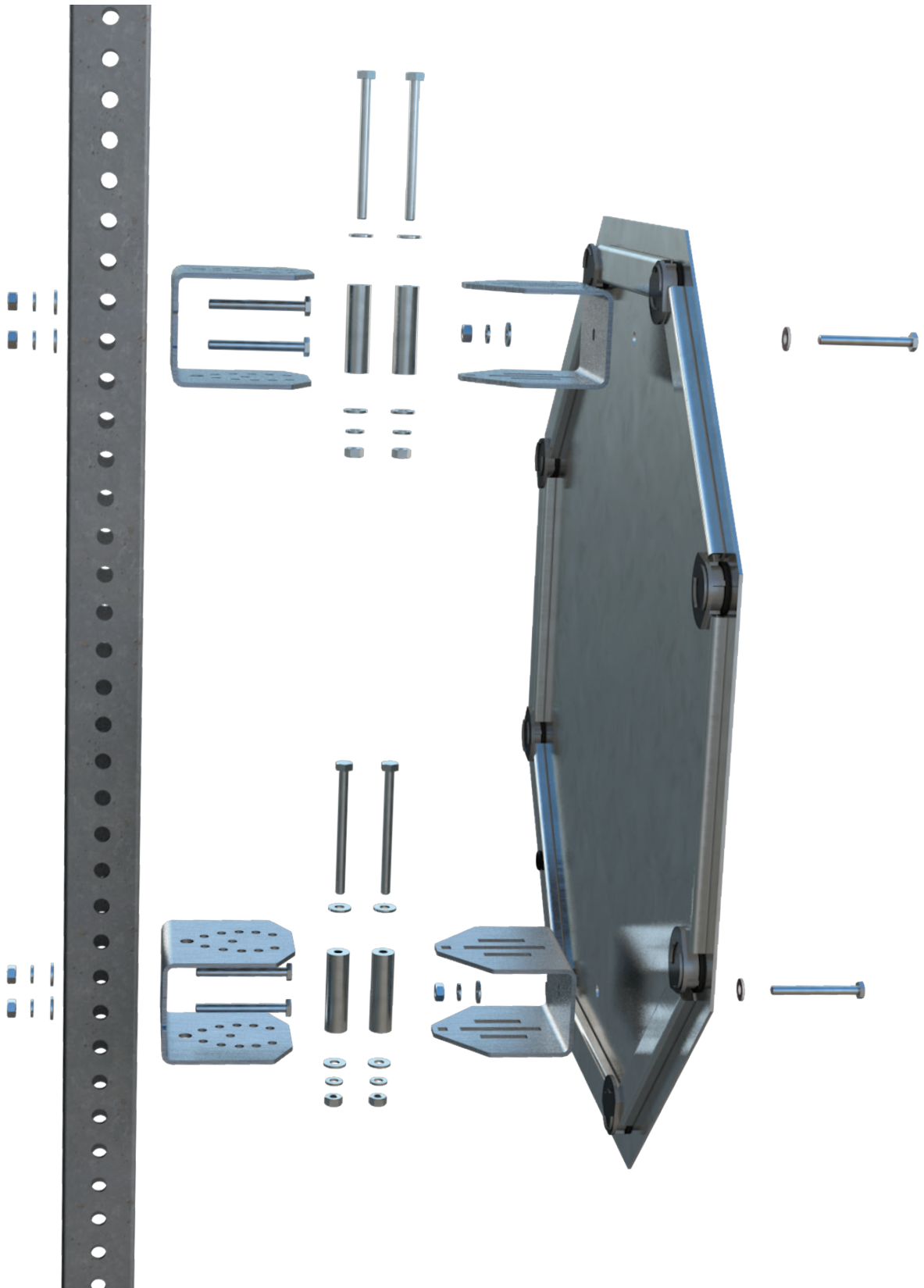
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## Exploded View - Single Bracket



## Exploded View - Two-Brackets



**▲ WARNING**

- Accidents during installation can result in death or serious injuries.
- Always wear safety glasses, cut-proof gloves, hard hats, safety vests, steel-toed shoes, and any other required protection.
- At least two qualified installers must be on site.

**RECOMMENDED TOOLS AND HARDWARE**

- **½ in.** Wrench
- **7/16 in.** Wrench
- Socket Wrench
- **½ in.** Socket
- **7/16 in.** Socket
- Tape Measure
- Leveler
- Small Flathead Screwdriver (for adjusting brightness)
- Cable Management Fasteners for Cable Ties, Adhesive Mounts...

**SUPPLIED TOOLS AND HARDWARE**

- Bracket Kit:
  - Female Bracket(s)
  - Male Bracket(s)
  - Hardware Bags 1, 2, and 3
  - **20 ft** Power Cord with Brightness Dimmer

**SYSTEM NOTES**

- Installer(s) must ensure local, state, and federal regulations are followed.
- Allotted space for the sign must be at least **24 in.** by **24 in.**
- Mounting surface must be flat and have sufficient space for the bolt hole(s).
- Power source must be less than **20 ft** from the sign.
- Not all the hardware in the provided bags will be used.
- Assembly will vary according to sign angle direction and location. See Figure 1.

**▲ WARNING**

- The Indoor BlinkerStop® is only rated for **120VAC**.
- Exceeding this voltage can result in death, serious injury, or equipment failure.
- Do not apply higher voltages.

Mounted To	Assembly Type	Adjustment Angle
Wall or Flat Surface	Single Bracket Mount	Vertical
Warehouse Racking, Telespar, or Other Structure.	Two Bracket Mount	Horizontal
Ceiling	No Brackets	N/A

Figure 1

**Note:**

- Instruction, chain, and fastening materials for a ceiling mount are not provided.
- Installer should use his or her discretion while following local, state, and federal regulations.

For sign mounting, see Section A or B below according to assembly type.

### A. MOUNT THE SIGN WITH A SINGLE BRACKET FOR VERTICAL TILTING

Skip to the next section if installing a two-bracket assembly for horizontal panning  
Installer should use his or her own discretion on drilling bolt holes.

#### ⚠ WARNING

- For a single bracket mounting assembly, only one bolt is insufficient for fastening the female bracket to the wall or flat surface.
- The system could dislodge and fall, causing death or serious injury.
- Use a minimum of two bolts to fasten the female bracket to the wall or flat surface for a single bracket mounting assembly.

**A.1** Use the hardware from **Bag 3** to fasten the female bracket horizontally to the wall or surface as shown in Figure 2.

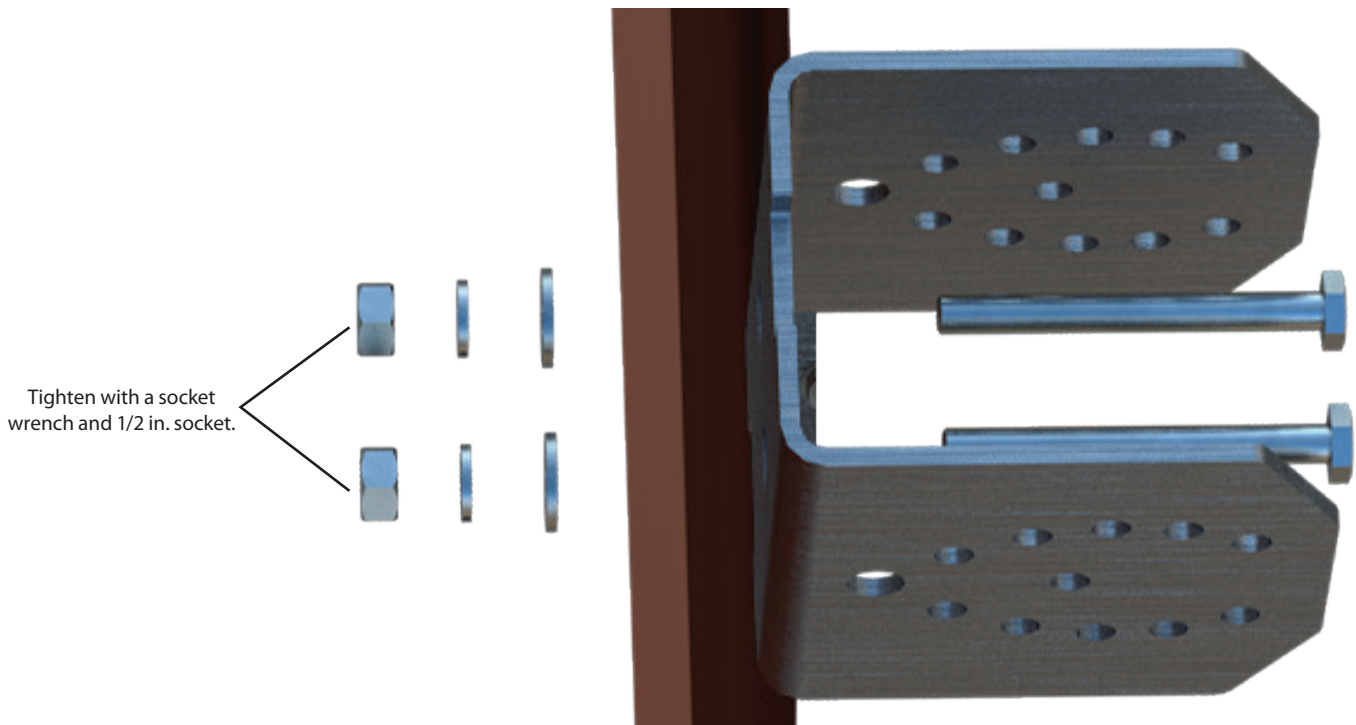


Figure 2

**A.2** Use the hardware from **Bag 2** to fasten the male bracket to the bottom of the sign as shown in Figure 3.

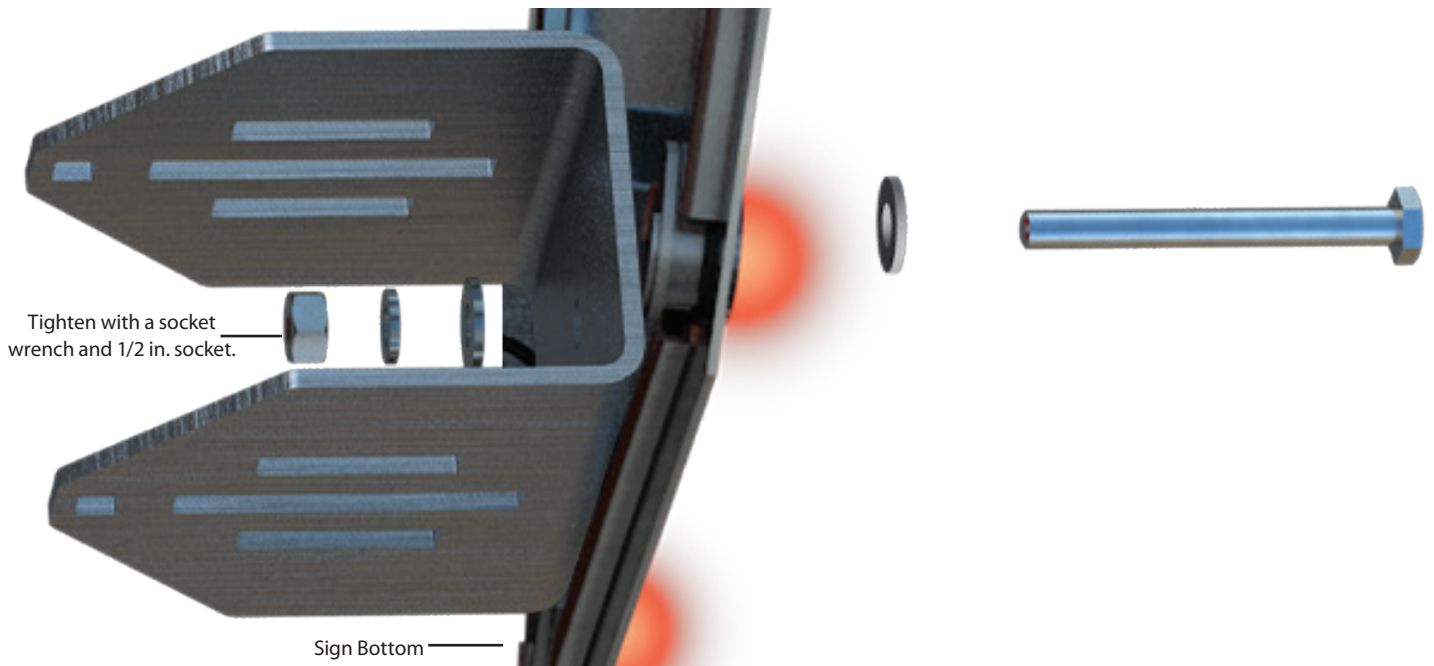


Figure 3

**A.3** Insert the nylon spacers from **Bag 1** into the male bracket as shown in Figure 4.

**Note:**

- Assembly will vary according to the desired angle.
- For sharper angles, position **Spacer A** in the slot off-center according to desired angle.

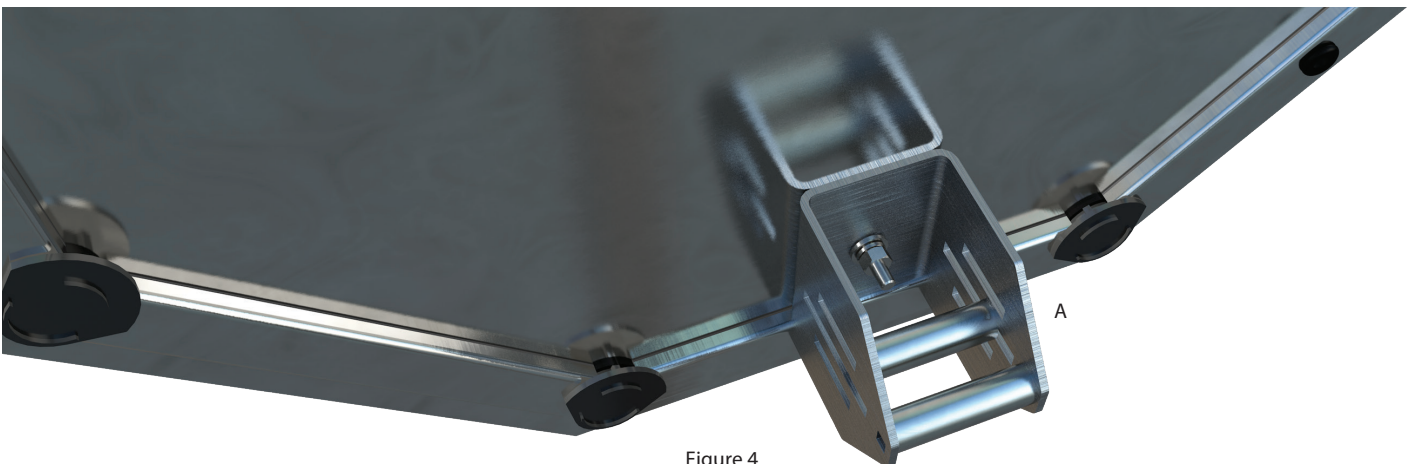
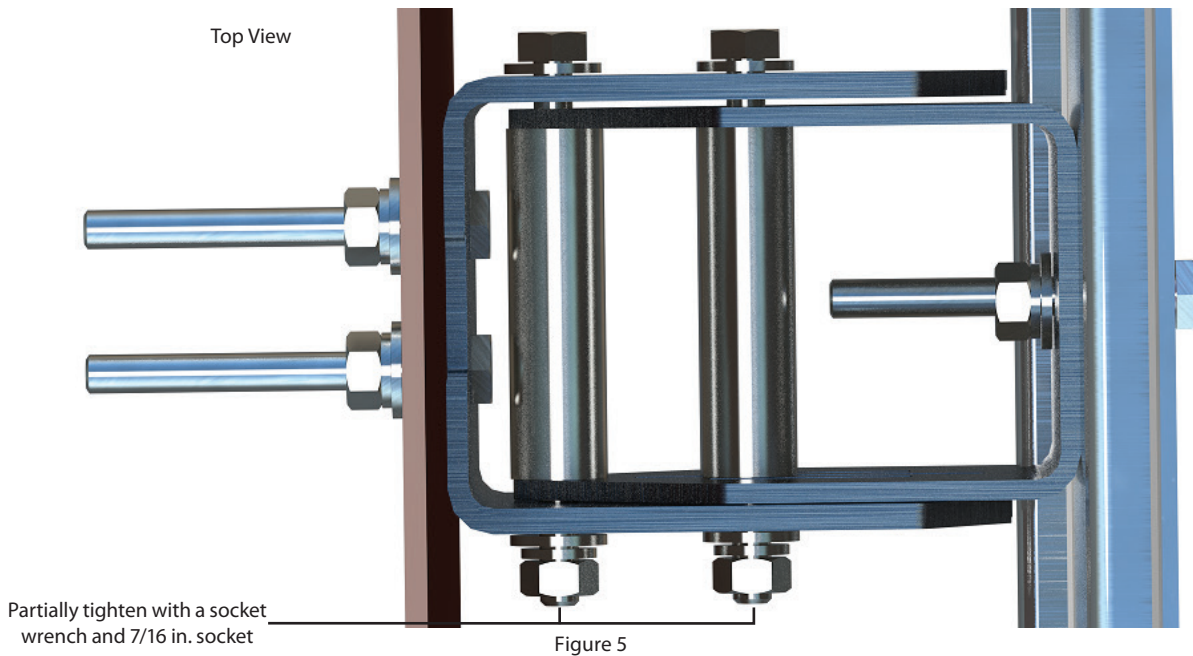


Figure 4

**A.4** Position the sign assembly, so the male bracket inserts into and aligns with the female bracket.



**A.5** Use the hardware from **Bag 1** to loosely fasten the male and female brackets together as shown in the top view in Figure 5.



**A.6** Tilt the sign up or down to the desired warning position.

**A.7** Rearrange the hardware if alternative sign angularity is necessary.

**A.8** Fully tighten the hardware.

*Skip the next section, and proceed to PLUG IN THE SIGN.*

## **B. MOUNT THE SIGN WITH TWO BRACKETS FOR HORIZONTAL PANNING**

### **⚠ WARNING**

- Drilling extra holes into warehouse racking may compromise the structural integrity, and the racking could collapse, causing death or serious injury.
- Do not drill extra holes into warehouse racking.

**B.1** For warehouse racking, use Figure 6 to determine the number of bolts to use in each bracket assembly.

Hole Spacing Increment	Bolts
1 in.	2 bolts in each bracket
2, 3, 6 and 9 in.	1 bolt in the TOP hole of each bracket
Other Increments	Fasten a Telespar to the racking, and fasten the brackets to that Telespar with two bolts in each.

Figure 6



- B.2** Use the hardware from **Bag 3** to loosely fasten the **top** female bracket to the structure as shown in Figure 7. Amount of bolts used per bracket will vary depending on application.

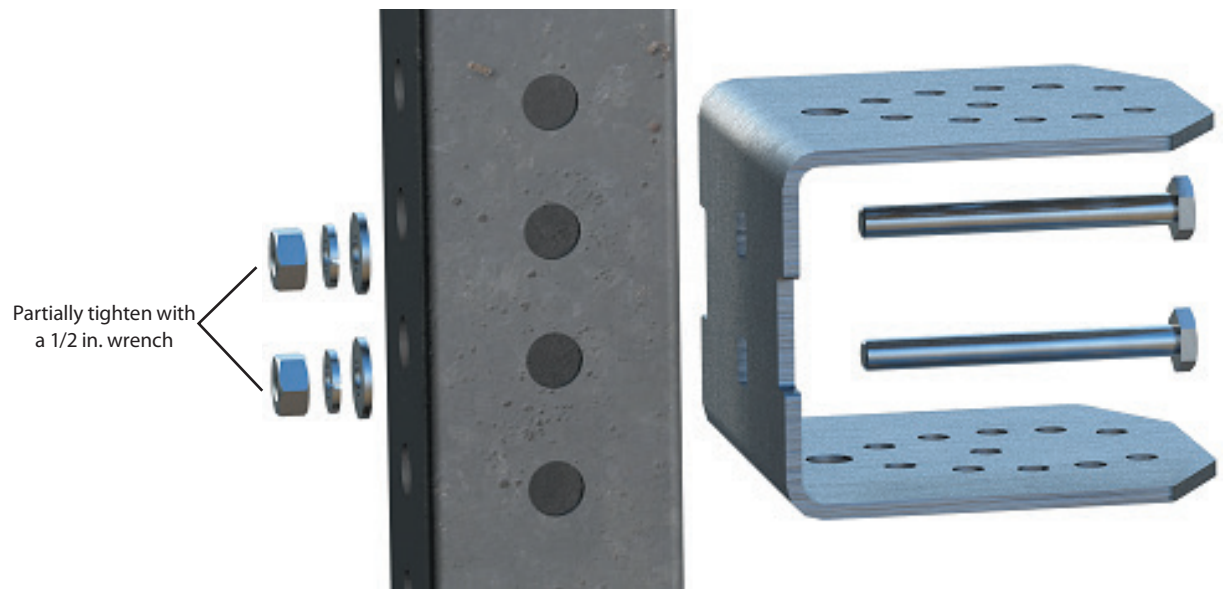


Figure 7

- B.3** Measure for the location of the **bottom** female bracket **18 in.** down the structure from the **top** female bracket bolt as shown in Figure 8.

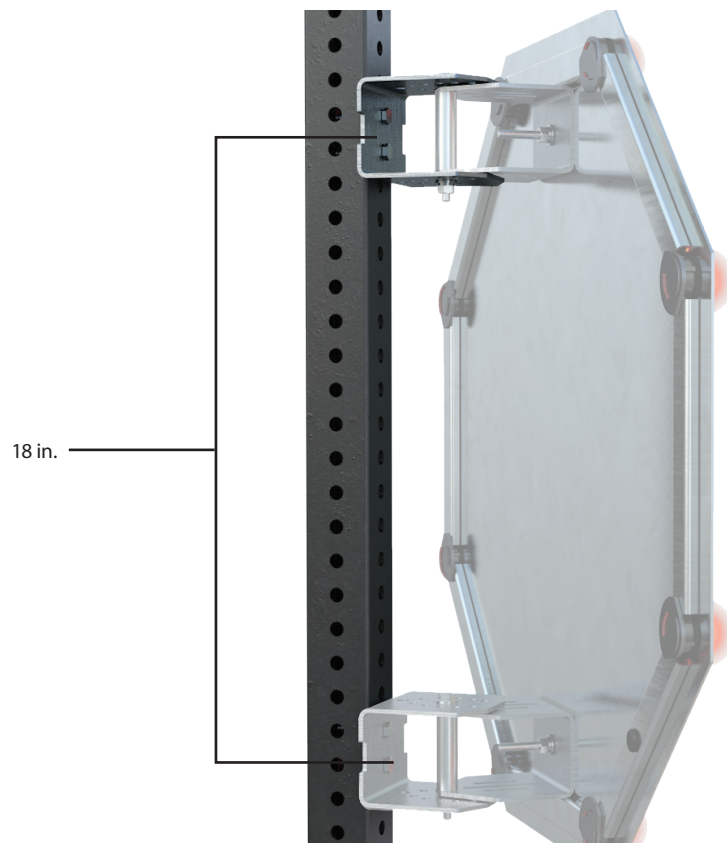


Figure 8

- B.4** Use the same hardware from **Bag 3** to fasten the **bottom** female bracket to the structure, so the top bolt is positioned at the **18 in.** mark.
- B.5** Partially tighten the nuts with a ½ in. wrench.
- B.6** Level the female brackets.
- B.7** Fully tighten the nuts on the top and bottom brackets.
- B.8** Use the hardware from **Bag 2** to loosely fasten the **top** male bracket to the sign as shown in Figure 9.



Figure 9

- B.9** Repeat Step B.8 with the bottom male bracket.
- B.10** Insert the nylon spacers from **Bag 1** into the top male bracket as shown in Figure 10.

**Note:**

- Assembly will vary according to the desired angle.
- For sharper angles, position **Spacer A** in the slot off-center according to desired angle.

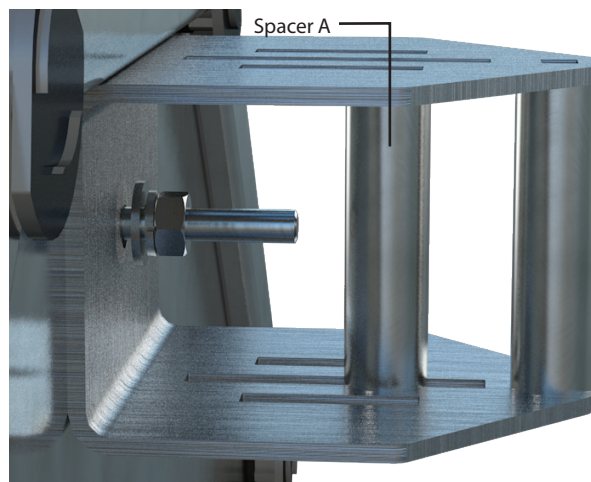
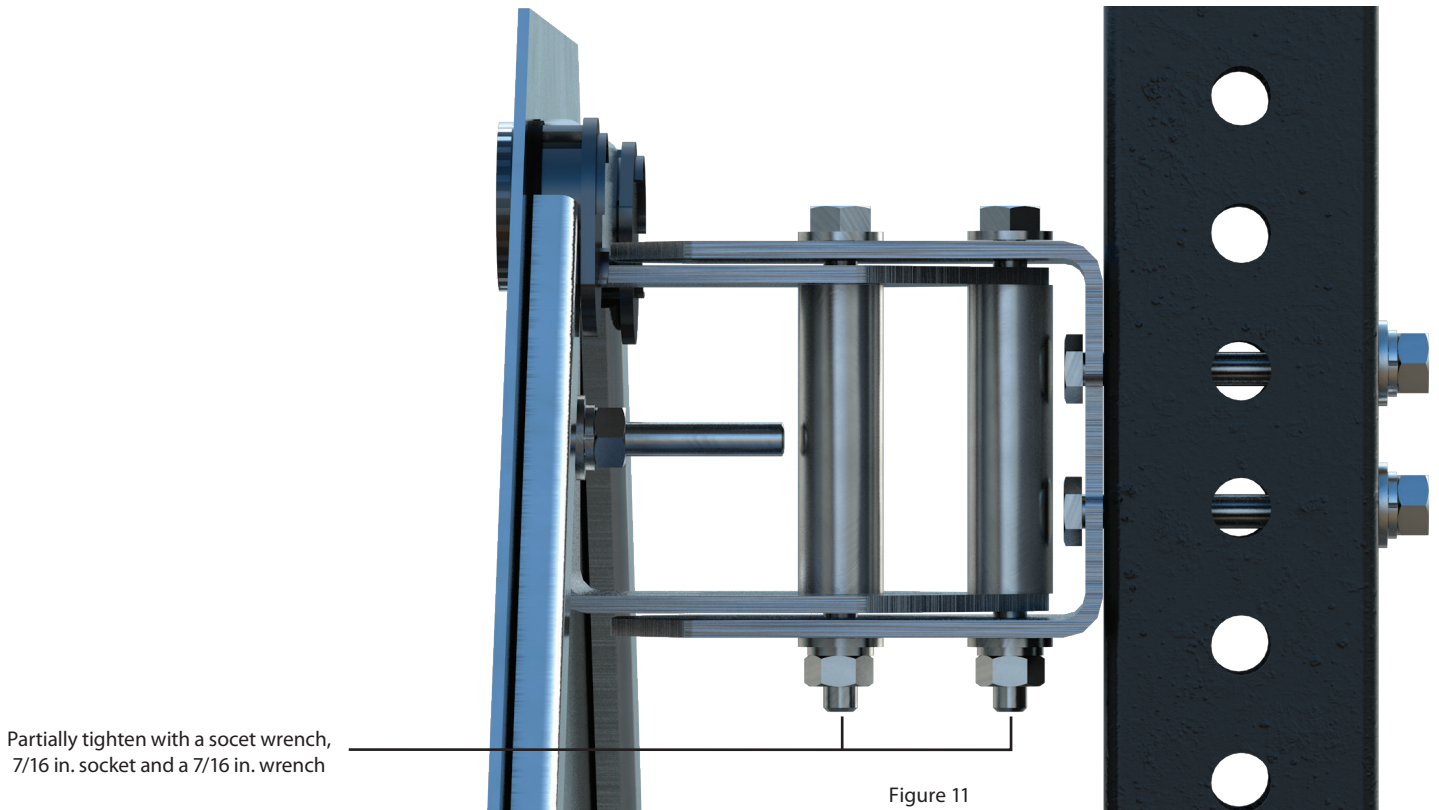


Figure 10

**B.11** Repeat Step B.10 with the bottom male bracket.

**B.12** Position the sign assembly, so the male brackets insert into and aligns with the female brackets.

**B.13** Use the hardware from **Bag 1** to loosely fasten the top male and female brackets together as shown in Figure 11.



Partially tighten with a socket wrench,  
7/16 in. socket and a 7/16 in. wrench

Figure 11

**B.14** Repeat with the bottom brackets.

**B.15** Pan the sign left or right to the desired warning position.

**B.16** Rearrange the hardware if alternative sign angularity is necessary.

**B.17** Fully tighten the hardware.

### C. PLUG IN THE SIGN.

**Note:**

- TAPCO recommends using the provided mounting points on the power supply to fasten to a wall or flat surface where it would not obstruct traffic or activity.

**NOTICE**

- Deutsch Connector pins can bend and cause malfunction if forced.
- Insert the pins slowly until the outer mechanism latches.

- C.1** Prepare the **20 ft** power cord/brightness dimmer for installation by unraveling the cord to the necessary length for application.
- C.2** Slowly insert the power cord Deutsch connector into the sign Deutsch connector until the mechanisms click and latch.
- C.3** Plug the power cord into the wall or power source.

**D. ADJUST BRIGHTNESS (OPTIONAL)**

- D.1** Insert a small flathead screwdriver into the brightness dimmer and rotate it to adjust the sign’s LED brightness. See Figure 12.

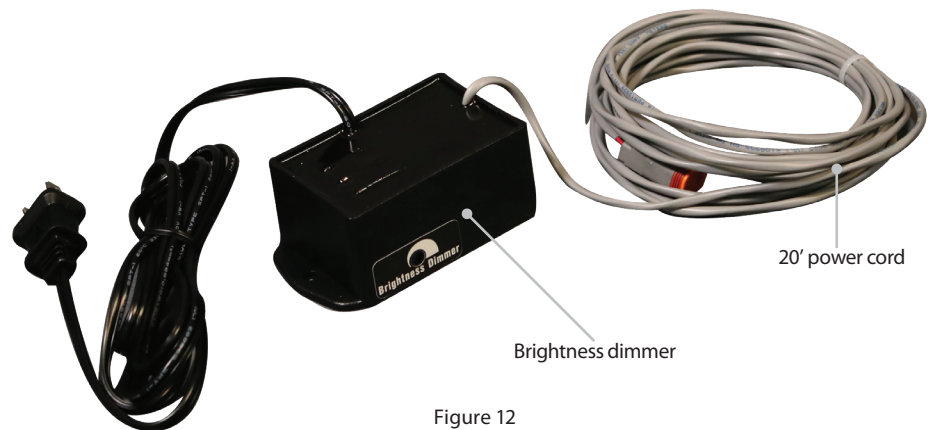


Figure 12

**E. FINALIZE THE INSTALLATION**

- E.1** Ensure the wires and power cord are secure.
- E.2** Ensure the power cord does not obstruct traffic or activity.

**TROUBLESHOOTING**

Symptom	Issue	Action
Sign is not blinking.	Insufficient Power Source	Ensure power source is at least 120 volts.
	Loose or Disconnected Cord	Check the connection on the power cord.
	Low Brightness	Adjust the brightness dimmer (see Figure 12).

**For technical support, call TAPCO® at 800-236-0112 or email customerservice@TAPCO.net.com. 8 am–5 pm (CST) Monday through Friday**



(800) 236-0112

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