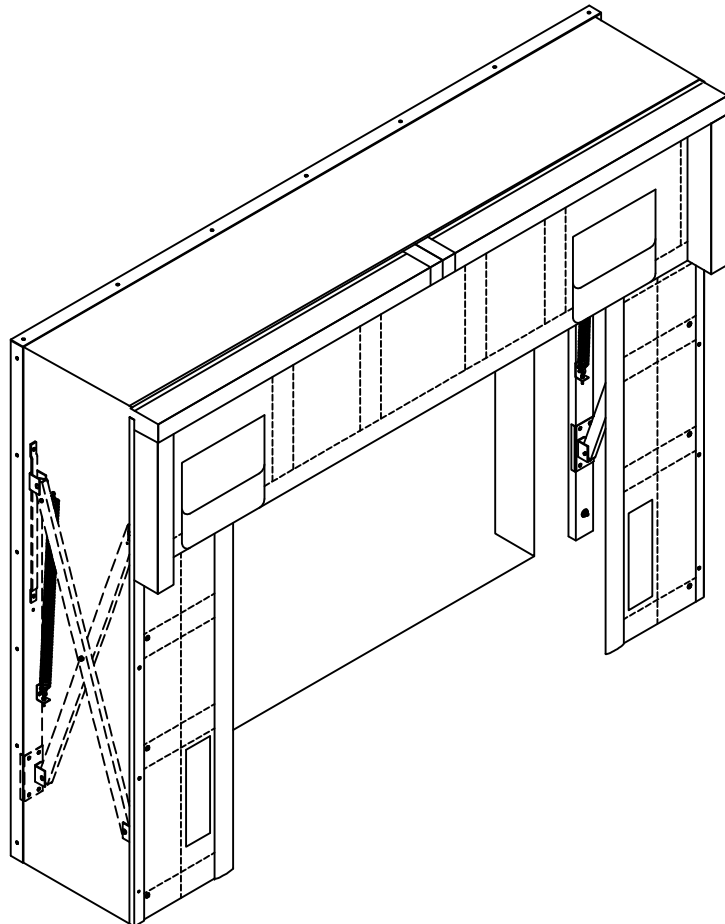


SERIES 0501 - RETRACTABLE TRUCK SHELTER WITH EDGE GUARDS FOR STEEL FRAME INSTALLATION INSTRUCTIONS

Read all instructions before installing door. Super Seal Mfg. Ltd. will not be held responsible for improper installation of anchoring devices, or for installation into aged or unsound concrete, concrete block, or other wall or floor material which may result in premature product wear, product failure, property damage, or personal injury.





SERIES 0501 - RETRACTABLE TRUCK SHELTER INSTALLATION LISTS

THE FOLLOWING LISTS COVER BASIC INSTALLATION, INCLUDING SOME OPTIONS.

No.	Components Required (per Unit)	Qty.	No.	Recommended Tools	Qty.
1	Vertical Panels	2	1	Measuring Tape	1
2	Header Panel c/w Padded Edges	1	2	Plumb Line or Level	1
3	Top Edge Guard (Left Side)	1	3	Pencil or Marker	1
4	Top Edge Guard (Right Side)	1	4	Square	1
5	Center Patch	1	5	Power Drill	1
6	Vertical Frames (Scissor Assembly)	2	6	#3 Robertson Driver Bit	1
7	Front Header Cross-Member	1	7	3/8" Hex Head Driver Bit	1
8	Rear Header Cross-Member	1	8	5/16" Hex Head Driver Bit	1
9	Vertical Projection Material	2	9	Hammer Drill	1
10	Header Projection Material	1	10	3/8" Masonry Drill Bit	1
11	Trim Angle	3	11	Hammer	1
12	Bottom Draft Flaps (Optional)	2	12	1/2" Wrench	1
			13	Caulking Gun	1
			14	Caulking - Outdoor Acrylic Type	
No.	Hardware Required (per Unit)	Qty.	Bottom Draft Flap Option		
1	3/8" x 3" Sleeve Anchors	12	No.	Recommended Tools	Qty.
2	#10 x 3/4" Hex Washer Tek Screw	60	1	3/8" x 1 7/8" Sleeve Anchors	2
3	3/8" Washers	78	2	1/4" x 1 1/2" Hex Washer Tek Screw	6
4	1/4" x 1 1/2" Hex Washer Tek Screw	78	3	3/8" Washer	2
5	Wind Straps (24" Bungee)	2	4	24" Bungee Cord	2
6	#3 Steel Lion Coil Chain-Zinc	2	5	Bottom Draft Pad (Left)	1
7	Installation Instructions	1	6	Bottom Draft Pad (Right)	1



SERIES 0501 - RETRACTABLE TRUCK SHELTER INSTALLATION INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE INSTALLING SHELTER. SUPER SEAL MFG. LTD. WILL NOT BE HELD RESPONSIBLE FOR IMPROPER INSTALLATION OF ANCHORING DEVICES, OR FOR INSTALLATION INTO AGED OR UNSOUND CONCRETE, CONCRETE BLOCK, OR OTHER WALL OR FLOOR MATERIAL WHICH MAY RESULT IN PREMATURE PRODUCT WEAR, PRODUCT FAILURE, PROPERTY DAMAGE, OR PERSONAL INJURY.

1. Check Order

a. Measure door opening height and width.

Make sure dimensions match the Purchase Order.

Make sure there is enough space to install shelter (Figure 1 - Standard Unit).

* Check for existing:

- dock seals
- bollards or obstacles
- lights and conduit
- drains.



**MAKE SURE THERE IS ENOUGH SPACE
BETWEEN THE DOOR OPENING TO INSTALL THE
SHELTER FRAMES.**

Standard units are designed for a 48" dock height, level approach.

b. **Check Components and Hardware Supplied List.** Make sure all components and hardware are present.

c. **Check Recommended Tools List.** Make sure all recommended tools are available.

d. **Determine method of mounting shelter to wall.**

- Super Seal supplies 3/8" sleeve anchors with the shelter. **The customer must supply any other mounting hardware.**
- **Concrete Block, Precast Concrete, or Brick wall:** Use supplied sleeve anchors. If anchors will not hold, use 3/8" threaded rod for through-bolt (not supplied).
- **Metal Siding:** Use 3/8" threaded rod for through-bolt fastening with steel or wood backup plate (not supplied).



**WELDING THE SHELTER TO THE WALL
IS NOT RECOMMENDED.**

2. Prepare Dock Door Opening

- Measure and mark center** of dock door opening (Figure 2).
 - * Mark centerline on dock floor.
 - * Mark centerline on lintel above door.
 - (Extend line to 138" above dock floor.)
 - * **Make sure marks are plumb** to each other.
- Draw a level line** even with the dock floor along both sides of dock face.
- Measure Head Frame width** and divide by 2.
- Mark Vertical Frame positions.**
 - * Measure **1/2 the Head Frame width** from dock floor centerline to one side of level line.
 - * **Mark.**
 - * **Repeat** for other side.

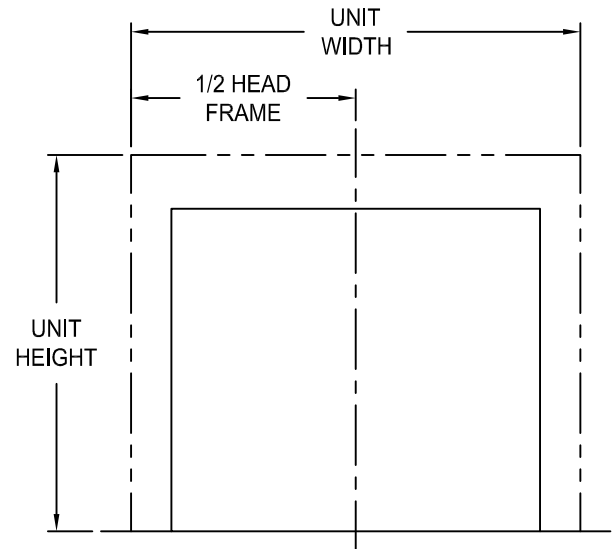


fig. 1

3. Determine left and right vertical frames: The vertical frame should be mounted in a manner which allows the spring assembly to be positioned at the top inside edge "Close to the door opening" (fig. 2).

4. Determine left and right vertical panels: The foam bead and yellow guided stripe should be at the leading edge (fig. 3).

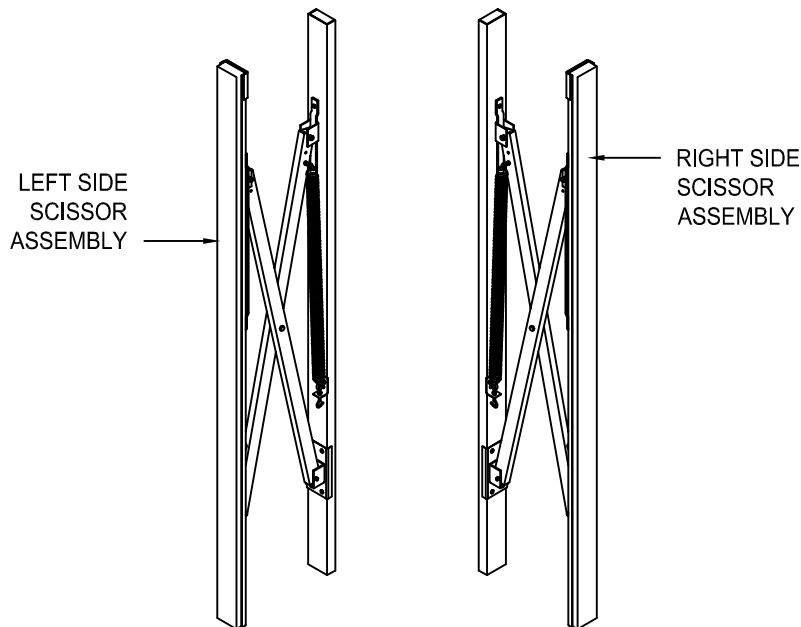


FIG. 2

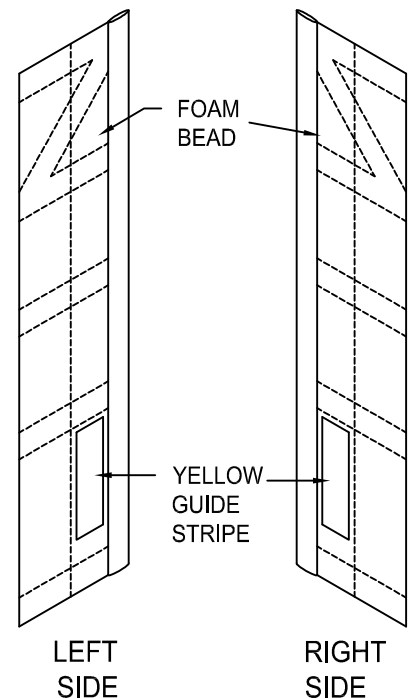
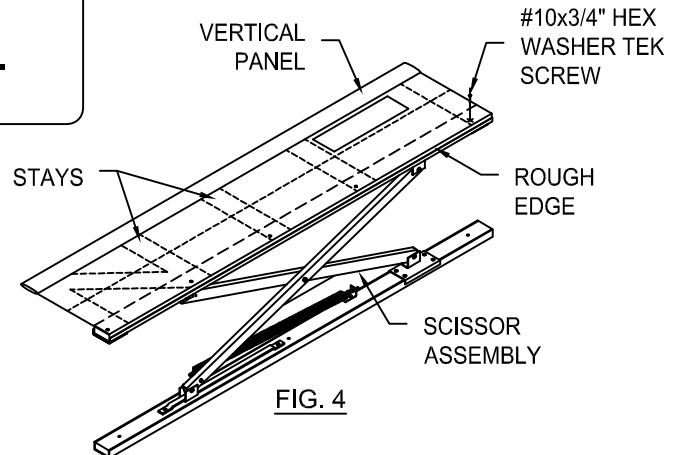


FIG. 3

5. Assemble vertical panels to vertical frames:



- * Flip scissor assembly over so that the front surface is facing up.
- * Position vertical panel so that the rough edge is flush with the outer edge of the scissor assembly (FIG. 4).
- * Using 5/16" hex driver bit and #10x3/4" hex washer tek screw, screw beside each stay. Nail within 2" of edge (FIG. 4).
- * Attach angle trim using 1/4"x1 1/2" hex washer tek screws with 1/4" washers.



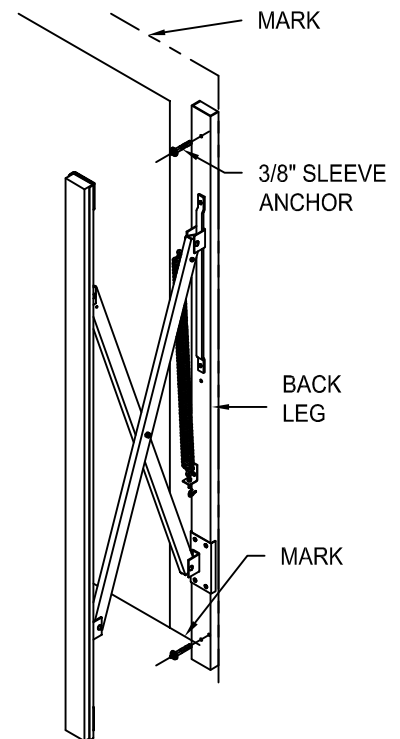
6. Attach projection material to verticals:

Prior to attaching the projection material, release retraction arm to the desired projection. Ensure that this position remains constant.

- * Position projection material with velcro strips towards top of verticals
- * Using 5/16" hex driver bit, screw fabric to steel frame with #10 x 3/4" hex washer tek screws, ensuring a proper fit.

7. Mount vertical frames to wall:

- * Position vertical frames on wall so that the outside edge is flush with the vertical lines from fig. 1, and that bottom edge is flush with the floor (FIG. 5).
- * Be sure that frames are plumb from top to bottom.
- * Using 3/8" concrete drill bit, drill designated holes.
- * Insert 3/8" sleeve anchors and tighten with 1/2" socket wrench (FIG. 5).



8. Mount rear header cross member:



**REAR CROSSMEMBER IS 1X3
WITH NO STEEL TONGUES
ATTACHED**

- * Position rear header cross-member into place (FIG. 6).
- * Using 3/8" concrete drill bit, drill designated holes.
- * Insert 3/8" sleeve anchors and tighten with 1/2" socket wrench (FIG. 6).

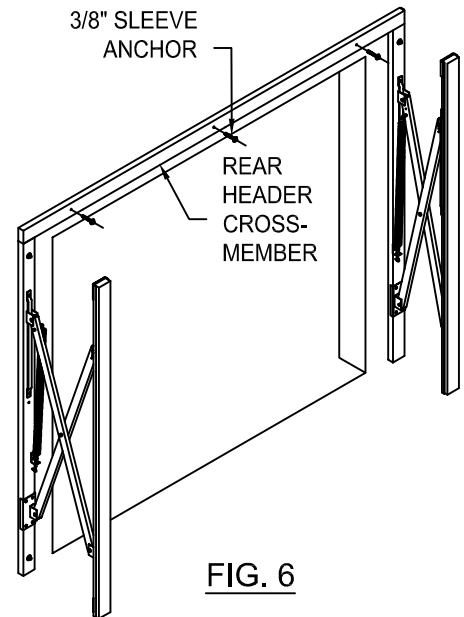


FIG. 6

9. Attach front header cross-member:

- * Connect front header cross-member to left and right verticals by sliding tongues at each end of front header cross-member into slots at top end of verticals (FIG. 7).

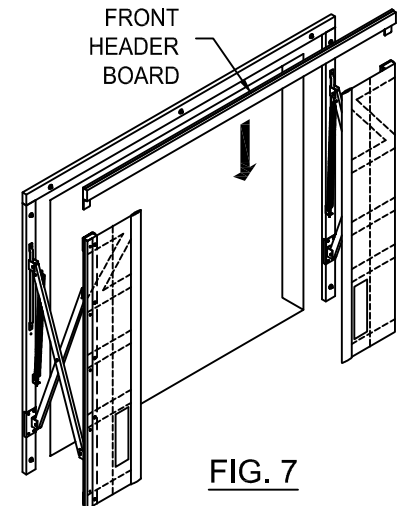


FIG. 7

10. Attach header curtain to frame: Mount curtain starting from the center and working outwards to ensure a tight fit.

- * Using #10x3/4" hex washer tek screw; attach header curtain from center and work outwards by screwing beside each stay (FIG. 8).
- * SCREW TOP EDGE ONLY!

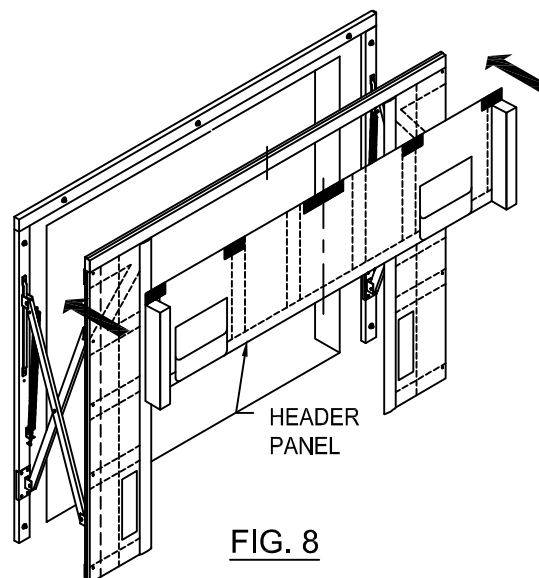


FIG. 8

11. Attach header projection material:

* Attach the projection material working from the center out towards sides of the unit and fasten to the velco located 12" down sides (FIG. 9).

* Using 5/16" hex driver bit, screw fabric to steel frame with #10 x 3/4" hex washer tek screws, ensuring a proper fit.

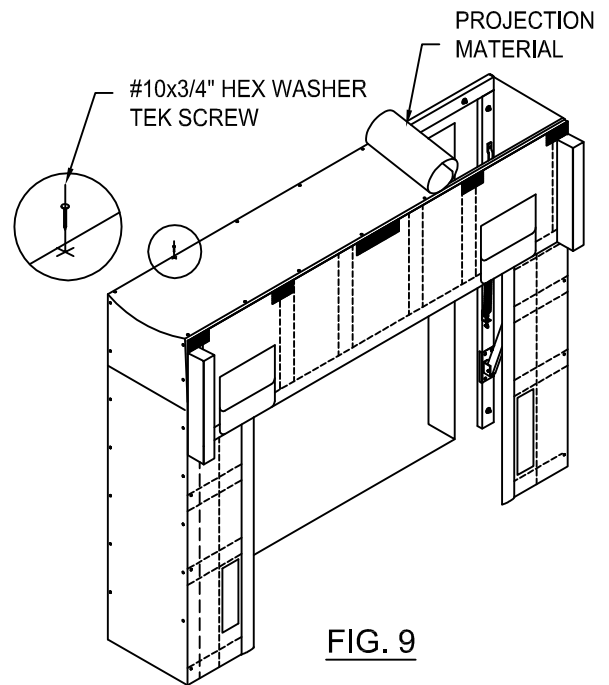


FIG. 9

12. Secure stays for vertical panels and head curtain:

*Using 1/4" x 1 1/2" hex washer tek screws along with 3/8" flat washers; fasten vertical panels and header curtain by screwing through the center of each stay, close to the top of each stay (FIG. 10).

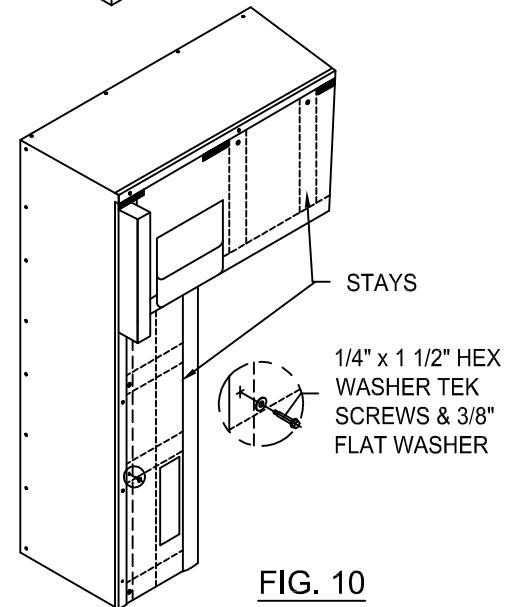


FIG. 10

13. Attach top removable section of edge guard to head curtain:

* Position right or left top edge guard along top edge of curtain with outer edges flush with unit outer edges (FIG. 11).

* Repeat for other side (FIG. 11)

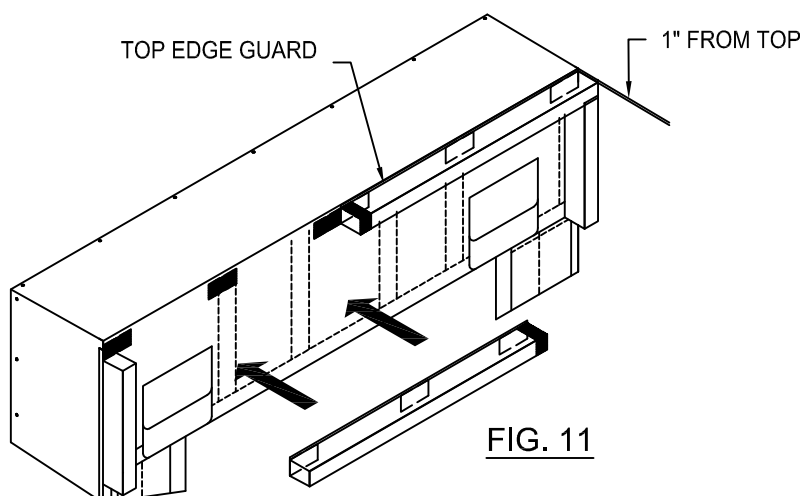


FIG. 11

14. Attach center patch (FIG. 12)

- * Attach center patch to edge guards.
- * Start from the bottom and go upwards.



**VELCRO IS EXTREMELY STRONG
USE EXTRA CARE
POSITIONING EDGE GUARDS.**

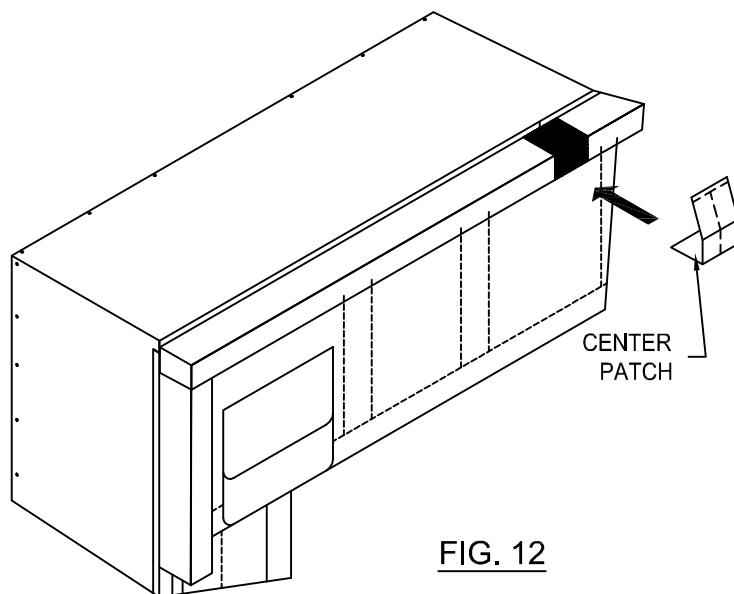


FIG. 12

15. Mount trim angle to head curtain:

- * Position trim angles over top edge of head curtain (FIG. 13).
- * Secure with 1/4" x 1 1/2" hex washer tek screws and 1/4" washers through predrilled holes on trim angle, fastening through top edge guards.

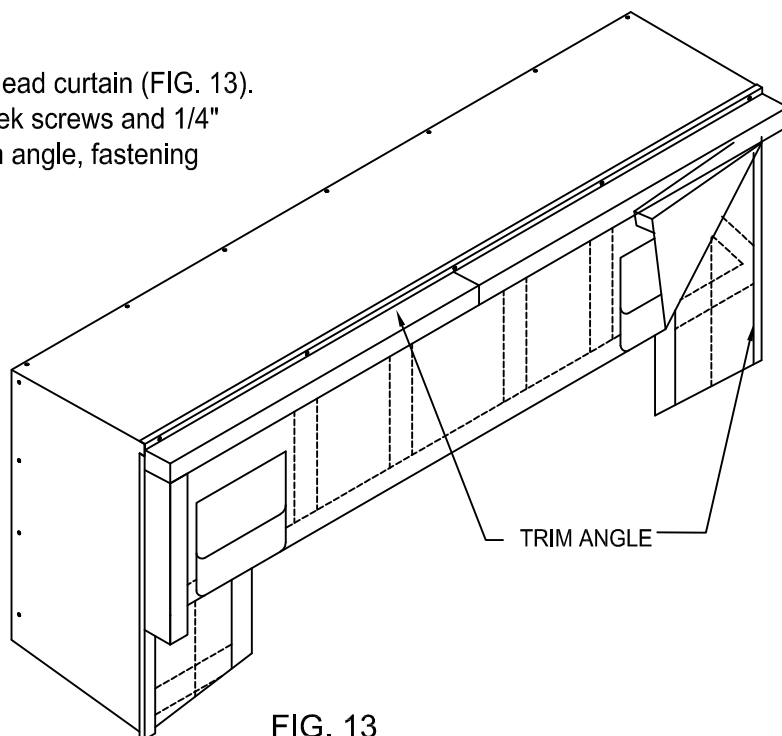


FIG. 13

16. Mount 1/8"x1" Galvanized trim:

*Fasten the 1/8"x1" galvanized trim flush with the outside frame of the unit and building wall, using 1/4" x 1 1/2" hex washer tek screws & 1/4" flat washers (FIG. 14).

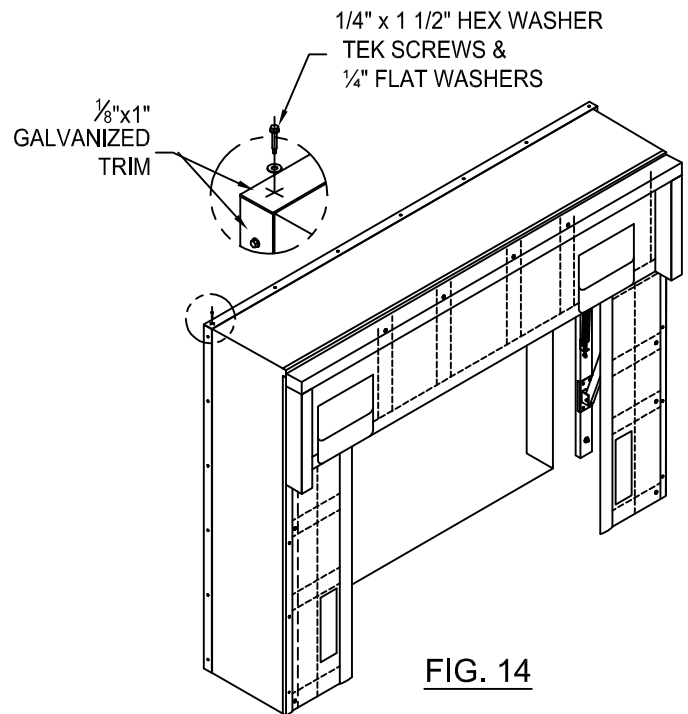


FIG. 14

17. Attach head curtain wind straps to side frames:

* Secure wind straps with 1/4" x 1 1/2" hex washer tek screws and 1/4" BS flat washers (FIG. 15). Bungee must be snug.

18. Caulk between head frame and wall: Outside only.

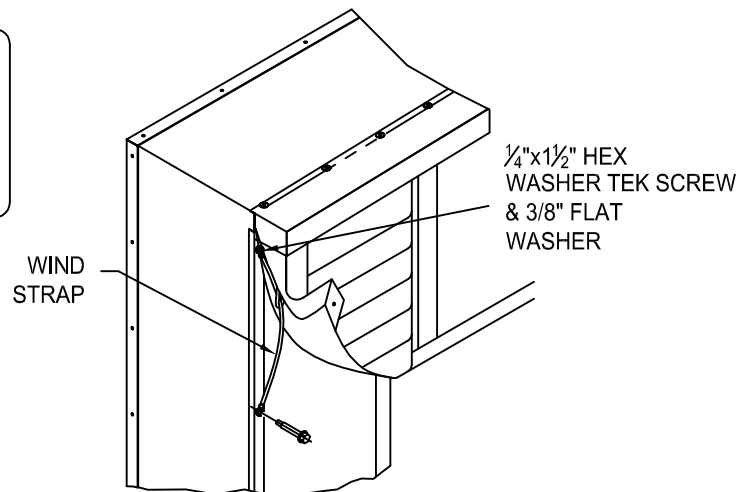


FIG. 15

19. Draft Flap Option.

a. Install draft flap.

* Place draft flap into place (as shown in FIG. 16) and use grommeted holes to mark hole locations.

* Using $\frac{3}{8}$ " concrete drill bit, drill 2 holes into concrete.

* Insert sleeve anchors through main back flap and into wall.

tighten with wrench.

* Use wood screw to fasten back tab to vertical frame member.

* Attach velcroed tab on draft flap to velcroed section of inward panel.

b. Attach bungee cord.

* Unravel bungee cord.

* Pull up on cord and locate a fastening position on the front vertical frame member.

* Using wood screw and washer, secure cord to frame.

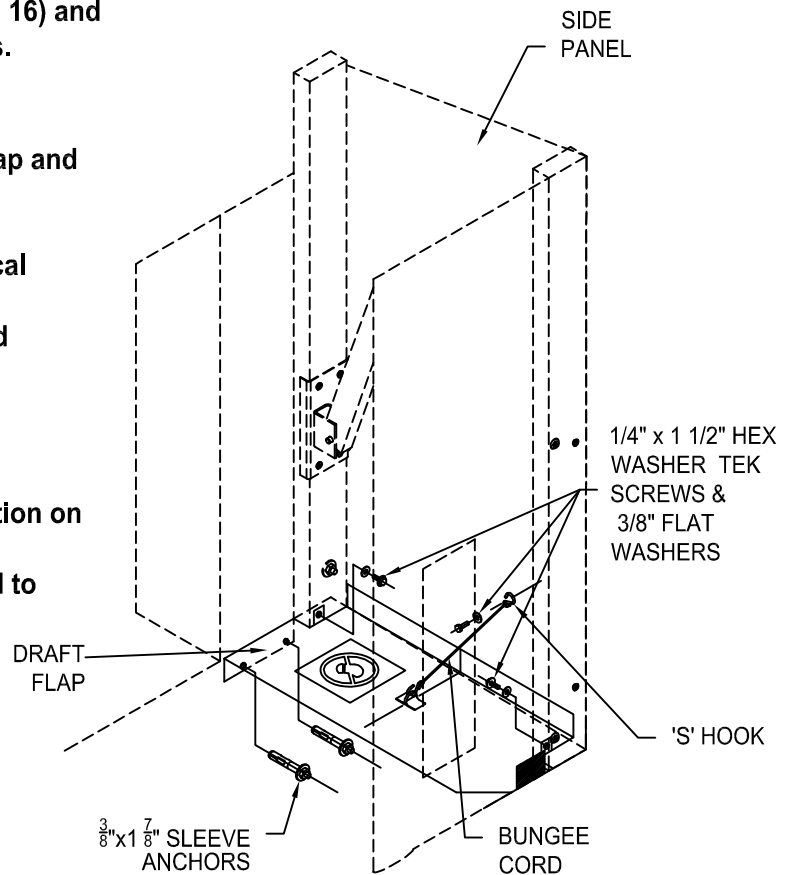


FIG. 16



Care & Maintenance

Some Maintenance is required to keep the Model 501 Shelter operating efficiently. At times it may be necessary to remove snow build-up from on top of the header.

Inspect

- * All fasteners used to attach unit to building wall .
- * All fasteners used on scissor assemblies .
- * Projection fabric , ensure perimeter of fabric is properly attached to frame perimeter. (see installation instruction for proper fit)
- * Spring tension is sufficient to extend unit.
- * Header curtain and Vertical panels are correctly attached.
- * Wind straps are correctly fastened and in working order .

See components parts list for description of replacement parts required or contact your local dealer for more information.

Metal hoods are recommended for protection of seals and shelters against possible damage from rain, snow, and ice on docks which do not have building projections and/or canopies .

Occasional cleaning of the seal or shelter is recommended. Use a low pressure hose, or damp cloth to wash the unit.