

# INSTALLATION INSTRUCTIONS

## EXTENSION UPRITE (U\_E & UH\_E)

### **WARNING**

1. THE UNBALANCED LOAD ON EXTENSION UPRITES MUST NOT EXCEED 2500 INCH-POUNDS. **(SEE PAGE 4 OF 4)**
2. EXTENSION UPRITES MUST BE SECURELY FASTENED INTO THE UPRITES BELOW. **(SEE STEP 5 FOR METHOD)**
3. IF INSTALLING AN EXTENSION ONTO A FIXTURE THAT HAS OFFSET END MERCHANDISING PANELS (OEMP'S) CURRENTLY INSTALLED, REMOVE ALL MERCHANDISE FROM OEMP BEFORE REMOVING OR INSTALLING ANY TOP RAILS FROM SHELVING BEHIND. FAILURE TO DO SO CAN CAUSE PERSONAL INJURY AND DAMAGE TO THE FIXTURE COMPONENTS.
4. WHEN INSTALLING TOP RAILS, MAKE SURE THAT THE TOP RAIL LOCKING TABS ARE SECURELY ENGAGED INTO THE UPRITE LANCES. IF THE TOP RAIL IS NOT SECURELY ENGAGED OR DISENGAGES EASILY, THEN THE TOP RAIL MUST BE REPLACED BEFORE REMERCHANDISING THE FIXTURE AND THE OEMP.
5. OEMP'S SHOULD NEVER BE ATTACHED DIRECTLY TO UPRITE EXTENSION. OEMP'S SHOULD ONLY ENGAGE INTO THE PRIMARY UPRITE BELOW. THE EXTENSION IS NOT CAPABLE OF TAKING THE LOADS CAUSED BY THE OEMP. ENGAGING THE EXTENSION DIRECTLY CAN CAUSE PERSONAL INJURY OR PROPERTY DAMAGE.
6. NEVER INSTALL AN EXTENSION UPRITE INTO ANOTHER EXTENSION UPRITE. STACKING EXTENSIONS COULD CREATE A DANGEROUS SITUATION LEADING TO PERSONAL INJURY OR PROPERTY DAMAGE.
7. DO NOT USE WITH WALL END STABILIZERS, UNLESS THE STABILIZER IS SPECIFICALLY DESIGNED FOR USE WITH UPRITE EXTENSIONS.

STEP 1: REMOVE TOP CAP FROM EXISTING UPRITE. **( FIGURE 1 )**

STEP 2: INSERT EXTENSION UPRITE INTO EXISTING UPRITE. **(FIGURE 2)**

STEP 3: LINE UP EXTENSION UPRITE WITH EXISTING UPRITE. **(FIGURE 3)**

NOTE: MAKE SURE THAT THE EXPANDING CONNECTOR DOES NOT BLOCK SLOTS OF EXISTING UPRITE.

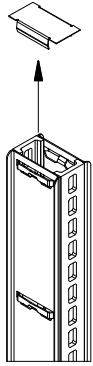
STEP 4: IF A SHELF, DOORKIT END TRIM, END PANEL, OR OTHER COMPONENT IS TO BE LOCATED AT THE JOINT BETWEEN THE EXTENSION AND THE EXISTING UPRITE, GAP TO MAINTAIN STANDARD FUNCTION. PLACE A 3/4" GAP BETWEEN THE TOP OF THE BOTTOM SLOT OF THE EXTENSION AND TOP OF THE UPRITE. A PENNY MAY BE USED AS A GAUGE TO SET THIS 3/4" GAP. **(FIGURE 4, DETAIL A)**

STEP 5: TIGHTEN BOTH LOWER SET SCREWS SHOWN AS 1 & 2 IN FIGURE 5 **(SEE WARNING NOTE 2)**. DO NOT ADJUST THE UPPER EXTENSION SET SCREW ON EXTENSION UPRITES. REPLACE TOP CAP. **(FIGURE 5)**

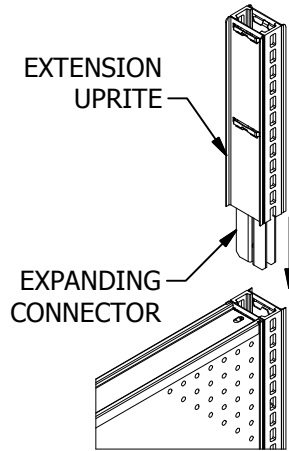
STEP 6: REPEAT STEPS 1-5 FOR SECOND SET OF UPRITES.

# INSTALLATION INSTRUCTIONS

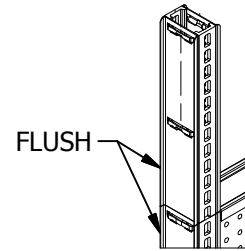
## EXTENSION UPRITE (U\_E & UH\_E)



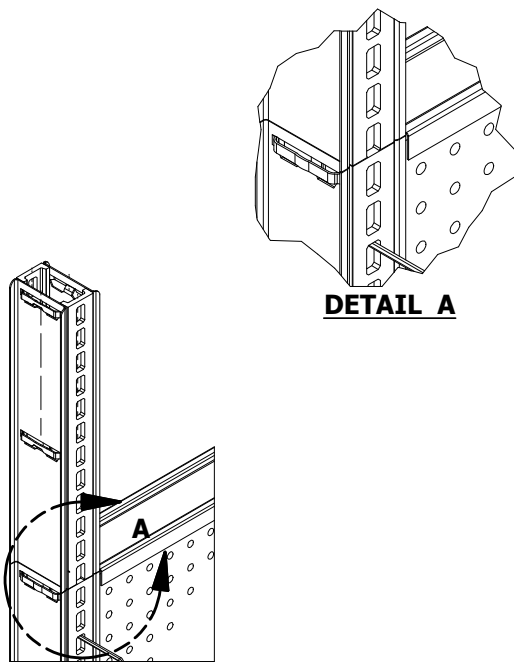
**FIGURE 1**



**FIGURE 2**

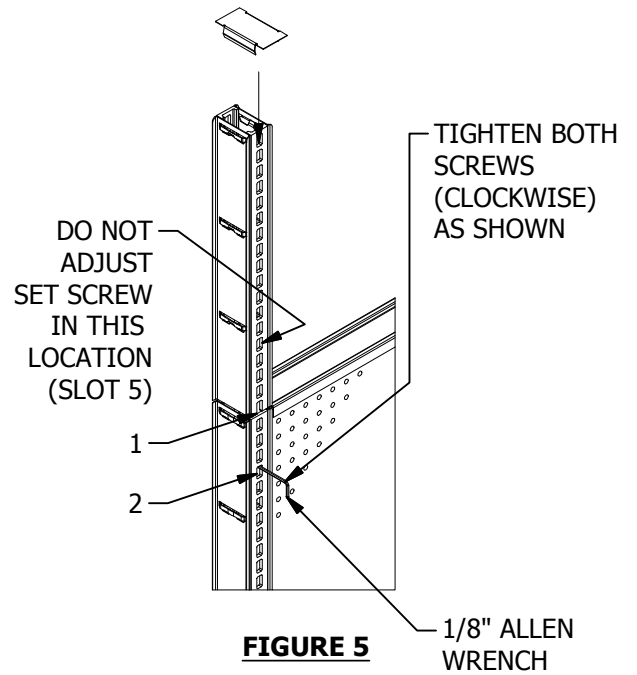


**FIGURE 3**



**FIGURE 4**

**DETAIL A**



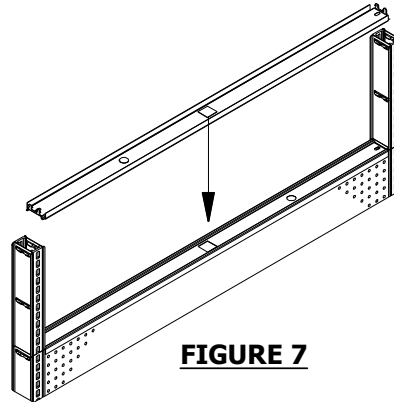
**FIGURE 5**

# INSTALLATION INSTRUCTIONS

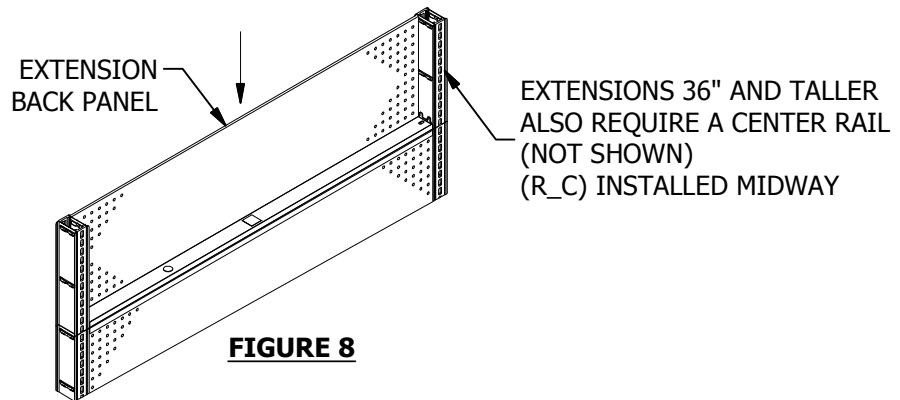
## EXTENSION UPRITE (U\_E & UH\_E)

STEP 7: LAY TOP RAIL (R\_T) UPSIDE DOWN ON TOP OF EXISTING TOP RAIL. **(FIGURE 7)**

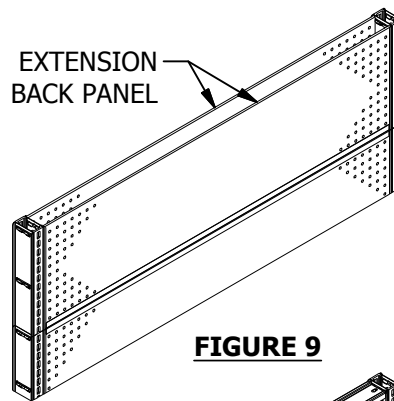
**OPTIONAL:** REMOVE (R\_T) AND REPLACE WITH (R\_S). THE (R\_T) CAN BE USED AT THE TOP OF THE EXTENSION UPRITES.



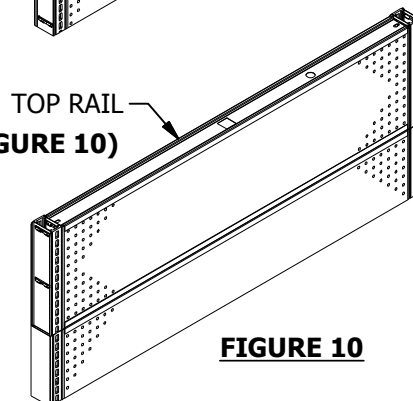
STEP 8: INSTALL FIRST EXTENSION BACK PANEL (BE\_\_\_\_) BY SLIDING IN FROM TOP OR BOWING IN FROM FRONT. **(FIGURE 8)**



STEP 9. INSTALL SECOND EXTENSION BACK PANEL (BE\_\_\_\_). **(FIGURE 9)**



STEP 10. INSTALL TOP RAIL (R\_T). **(SEE FIGURE 10)**

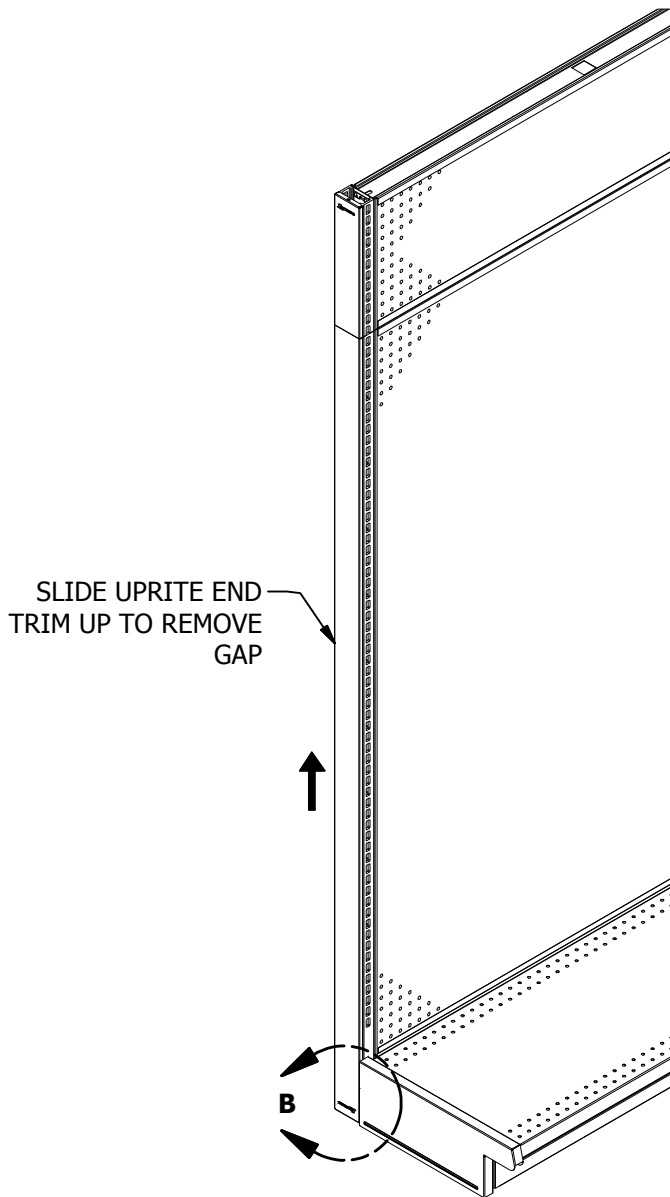


# INSTALLATION INSTRUCTIONS

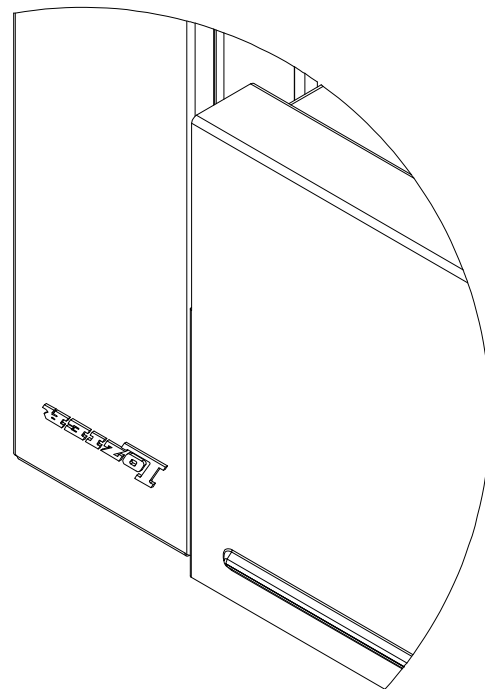
## EXTENSION UPRITE (U\_E & UH\_E)

STEP 11: INSTALL SHORT EXTENSION UPRITE END TRIM AS SHOWN.

STEP 12: RE-INSTALL TALL UPRITE END TRIM UPSIDE DOWN. **(SEE FIGURE 11)**  
SLIDE UPWARD TO REMOVE GAP BETWEEN UPRITE AND EXTENSION UPRITE AS SHOWN.



**FIGURE 11**

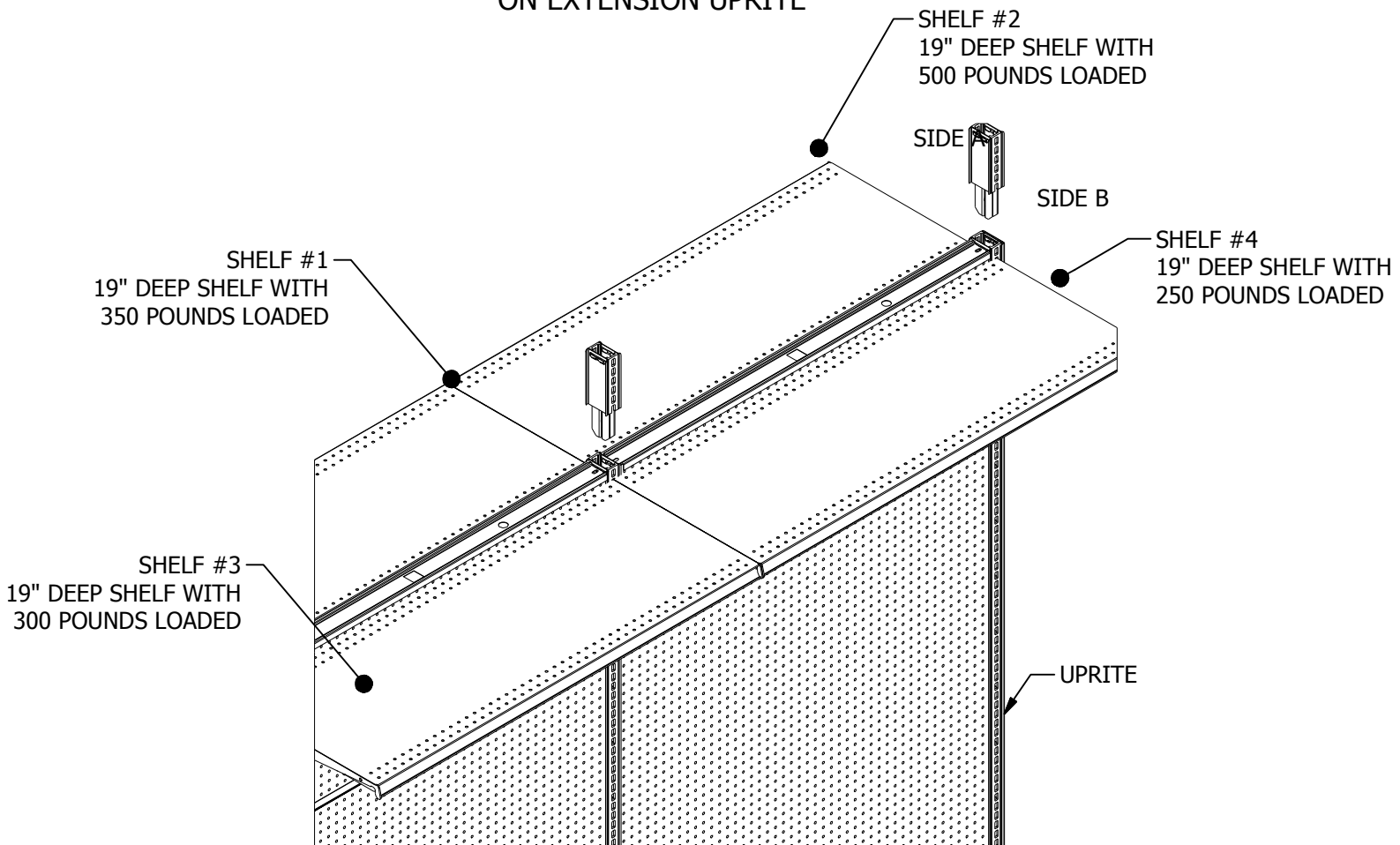


**DETAIL B**

# INSTALLATION INSTRUCTIONS

## EXTENSION UPRITE (U\_E & UH\_E)

HOW TO CALCULATE UNBALANCED LOAD  
ON EXTENSION UPRITE



**FIGURE 12**

NOTE: SHELF SIZES AND WEIGHTS ARE FOR EXAMPLE ONLY. THIS INFORMATION IS TO BE REFERENCED ON THE SAMPLE CALCULATION SHOWN BELOW.

FOLLOW THIS FORMULA FOR CALCULATING INCH POUNDS FOR EACH SHELF	DEPTH OF SHELF	X	WEIGHT ON SHELF	÷	4	=	IN-LBS PER END OF SHELF
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	<u>SIDE A</u>		<u>SIDE B</u>
SHELF #1 = 19 X 350 ÷ 4 =	1662.5 IN-LBS	SHELF #3 = 19 X 300 ÷ 4 =	1425 IN-LBS
SHELF #2 = 19 X 500 ÷ 4 =	<u>2375 IN-LBS</u>	SHELF #4 = 19 X 250 ÷ 4 =	<u>1187.5 IN-LBS</u>
TOTAL =	4037.5 IN-LBS	TOTAL =	2612.5 IN-LBS

SUBTRACT SMALLER TOTAL FROM LARGER TOTAL.  $4037.5 - 2612.5 = 1425$

THIS IS TOTAL UNBALANCED LOAD ABOVE THE 1ST EXTENSION UPRITE SPLICE AND MUST NOT EXCEED 2,500 INCH POUNDS

NOTE: THE TOTAL UNBALANCED LOAD INCLUDING ALL SHELVES ABOVE AND BELOW EXTENSION UPRITE SPLICE MUST NOT EXCEED 12,000 INCH-POUNDS FOR BB06'S AND 15,000 INCH-POUNDS FOR BB08'S. DECK LOAD DOES NOT AFFECT UNBALANCED LOAD. REFER TO BASIC SHELVING INSTRUCTIONS (01-13).

