



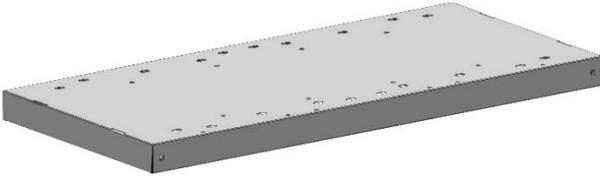
**48324/48424/48524 Instruction Sheet**



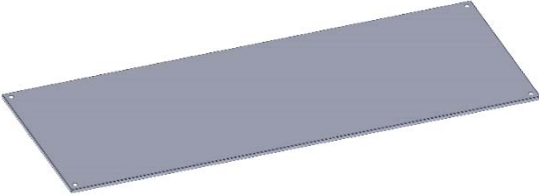
**Right Shelf Side (1)**



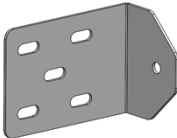
**Left Shelf Side (1)**



**Shelf (4)**



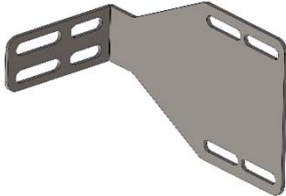
**Back Panel (3)**



**4861-101(2)**



**4861-102(2)**





**4016L-43-003(1)**

# 48324/48424/48524 Hardware List




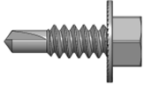
## Tools Needed

8' Tape Measure	1/4" End Wrench
1/4" Socket	5/16" End Wrench
5/16" Socket	Hammer

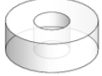




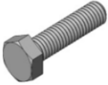
## Hardware Pack

(q) Qty 12 - 1/4"-20 x 5/16" Pan Head Screw with Locktite	
(r) Qty 16 - 1/4"-20 x 3/8" Pan Head Screw	

## Mounting Bolt Kit

(a) Qty 6 - 1/4"-20 Plus Nut	
(b) Qty 18 - 1/4" Flat Washer	
(c) Qty 8 - 1/4"-20 Nyloc Nut	
(d) Qty 6 - 5/16" x 3/4" Self Tapping Bolt	

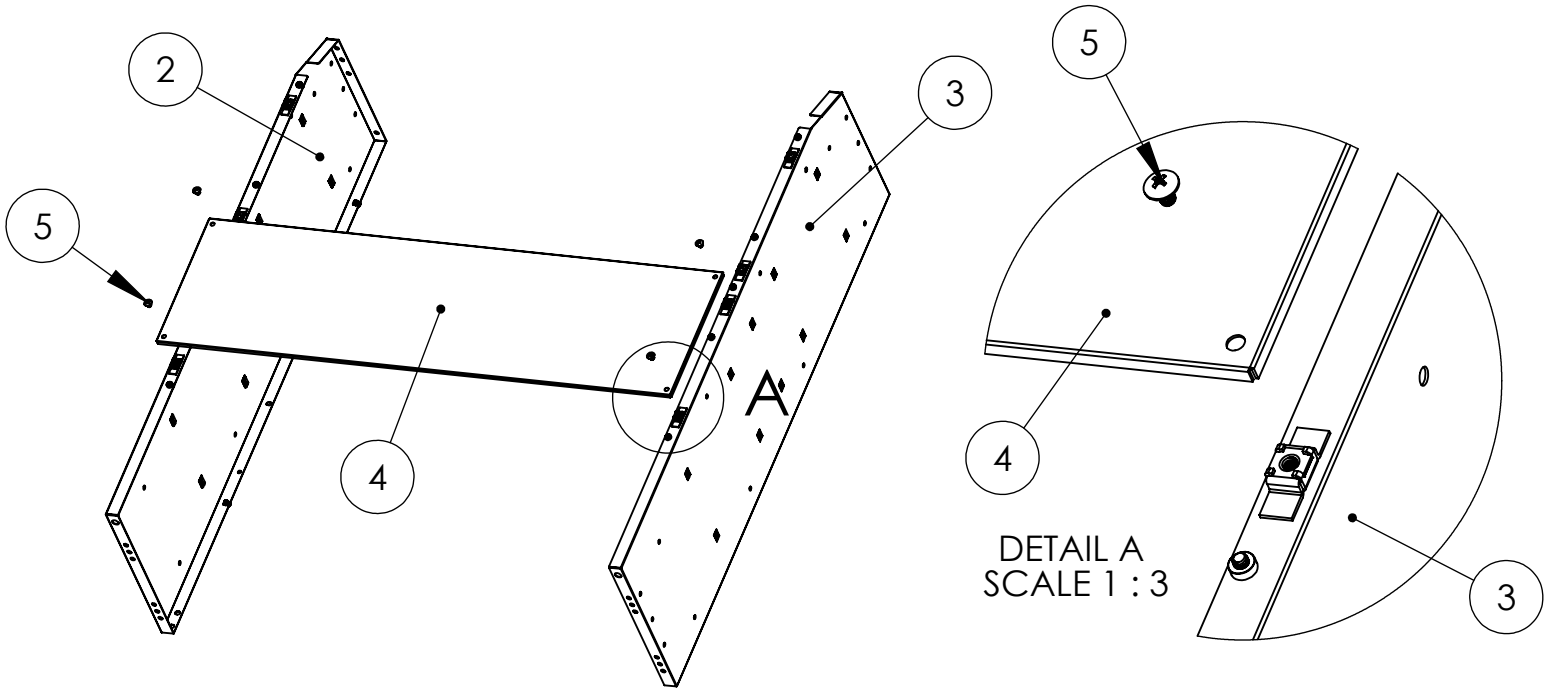
## Mounting Bolt Kit Cont'

(e) Qty 2 - 3/8" Nylon Spacer	
(f) Qty 10 - 5/16" Flat Washer	
(g) Qty 6 - 5/16"-14x 1.25" Sharp Tip Screw	
(h) Qty 10 - 5/16" Lock Washer	
(i) Qty 6 - 1/4" x 5/8" Carriage Bolt	
(k) Qty 2 - 1/4" -20 x 3/4" Hex Bolt	

For TECHNICAL SUPPORT Call: 800-343-7486 Monday - Friday 7:00 A.M. to 4:00 P.M (PST)

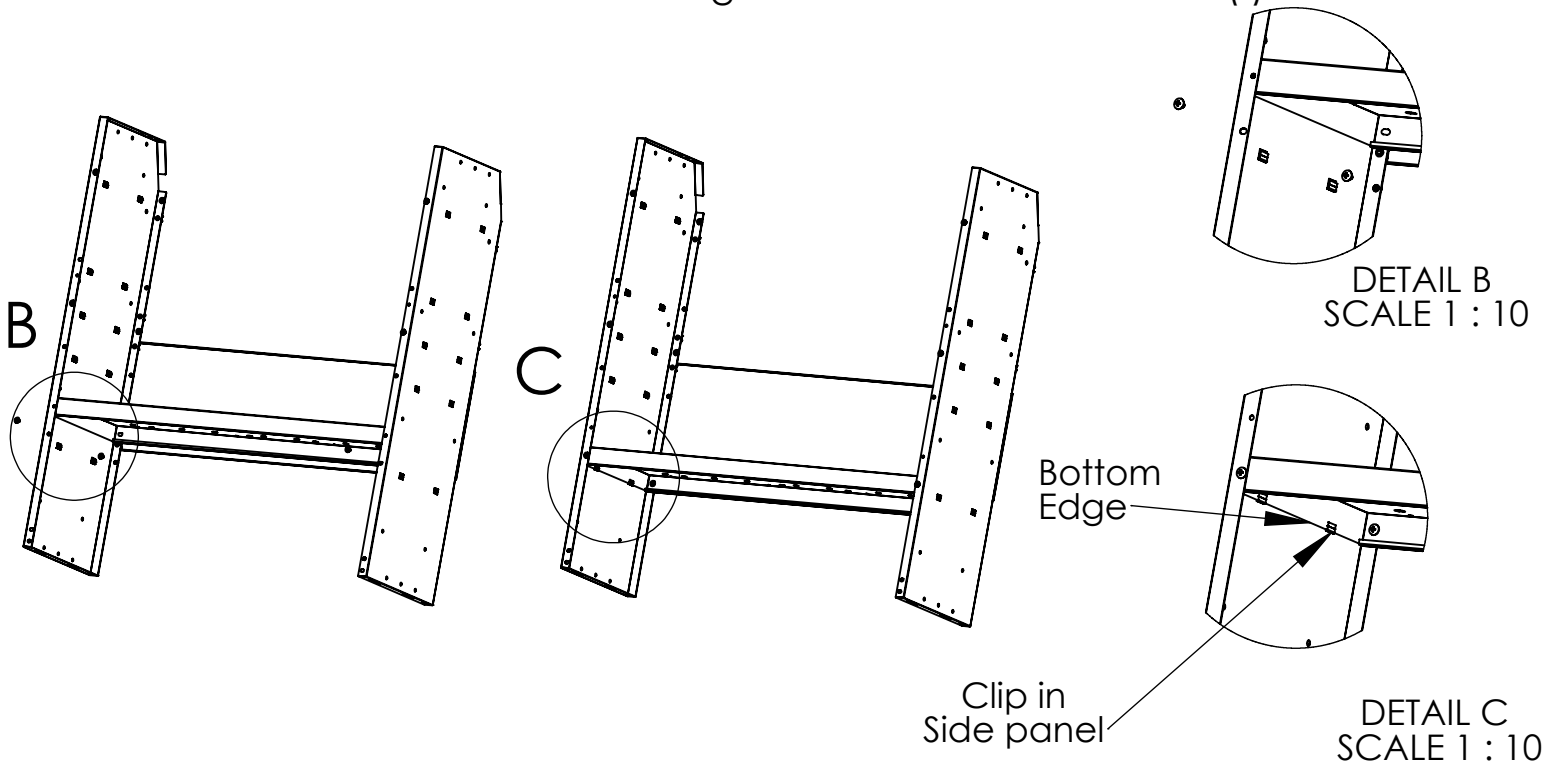
### Step 1

Attach Back Panel to Shelf Side Panels the lower position using 1/4" Pan Head Screws (q) loosely as shown



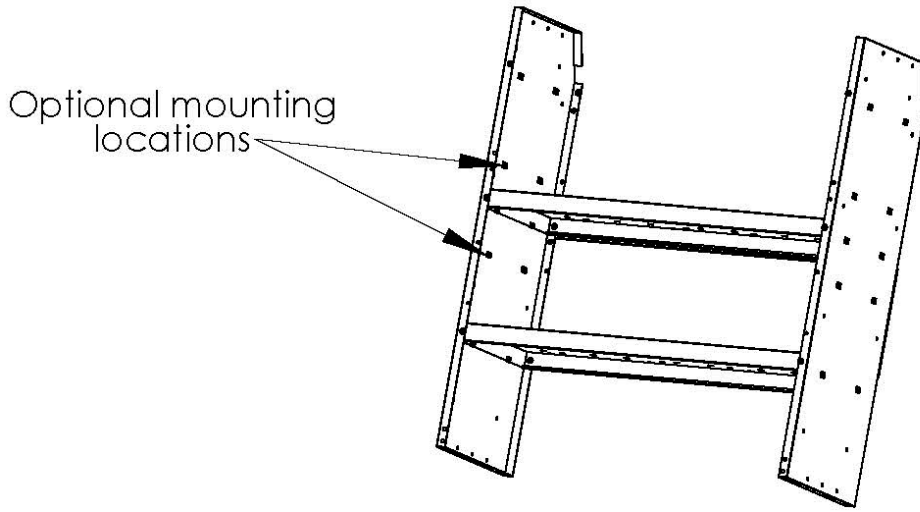
### Step 2

Shelves can be assembled with flanges pointing up to retain shelf contents, or flanges pointing down to allow the installation of drawer cabinets. Decide which option you want for each shelf before attaching it to the sides. The beveled corner of each Shelf Side is in the back. Each Shelf, Item 1, front side only has nuts pressed into the Shelf flange. Make sure the shelf is oriented properly (nuts in front) before attaching. Press the shelf down firmly so that it is resting solidly and level on the lances in the shelf sides (Detail B and C). Attach the front of the Shelf to each side using 2 x 1/4" Button Head Screws (r).



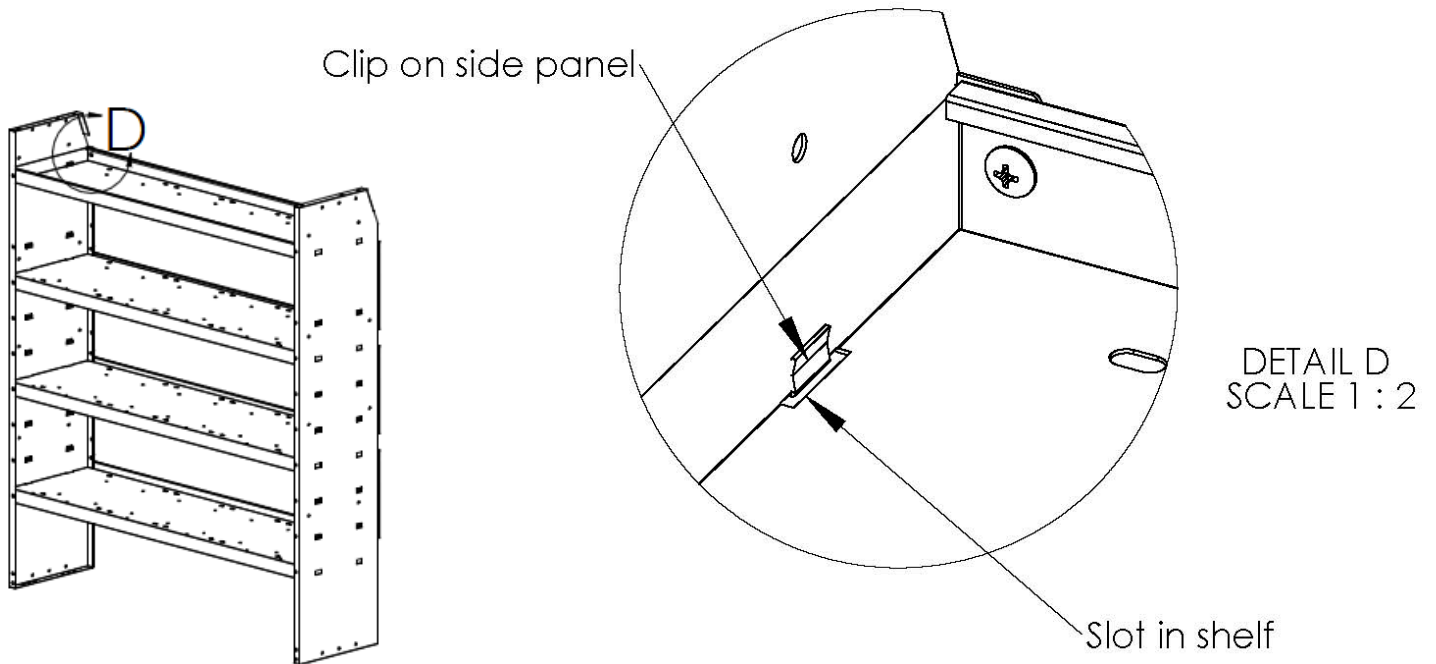
### Step 3

Repeat step 2 for middle Shelf as shown. **NOTE: There are 3 mounting locations for the middle Shelf, an optional 4th Shelf is available.**



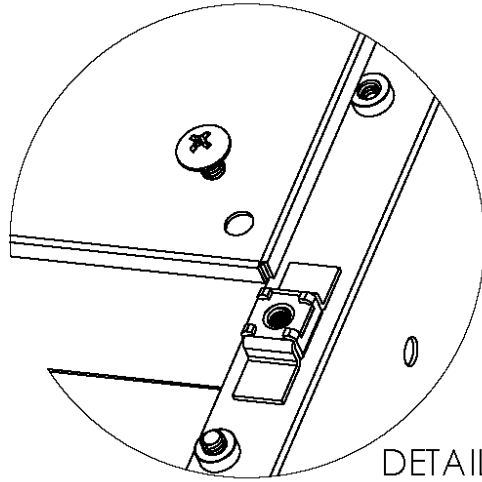
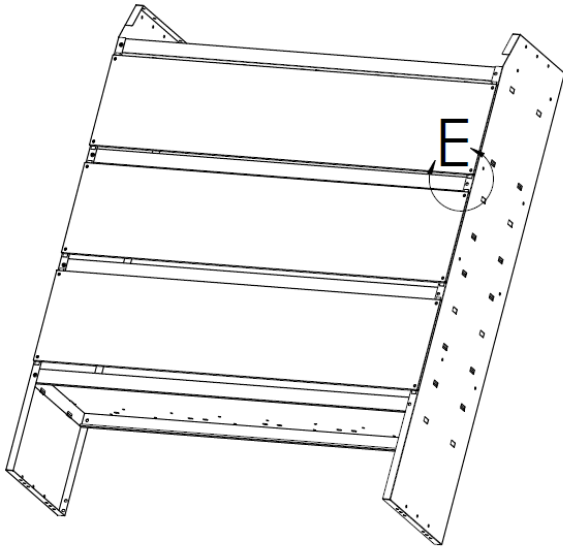
### Step 4

Repeat step 2 for top Shelf as shown. This Shelf is shown with the flanges up, since this is the most common configuration for this Shelf. Be sure that the clips in the side panels go into the slot on the Shelf as shown in Detail "D".

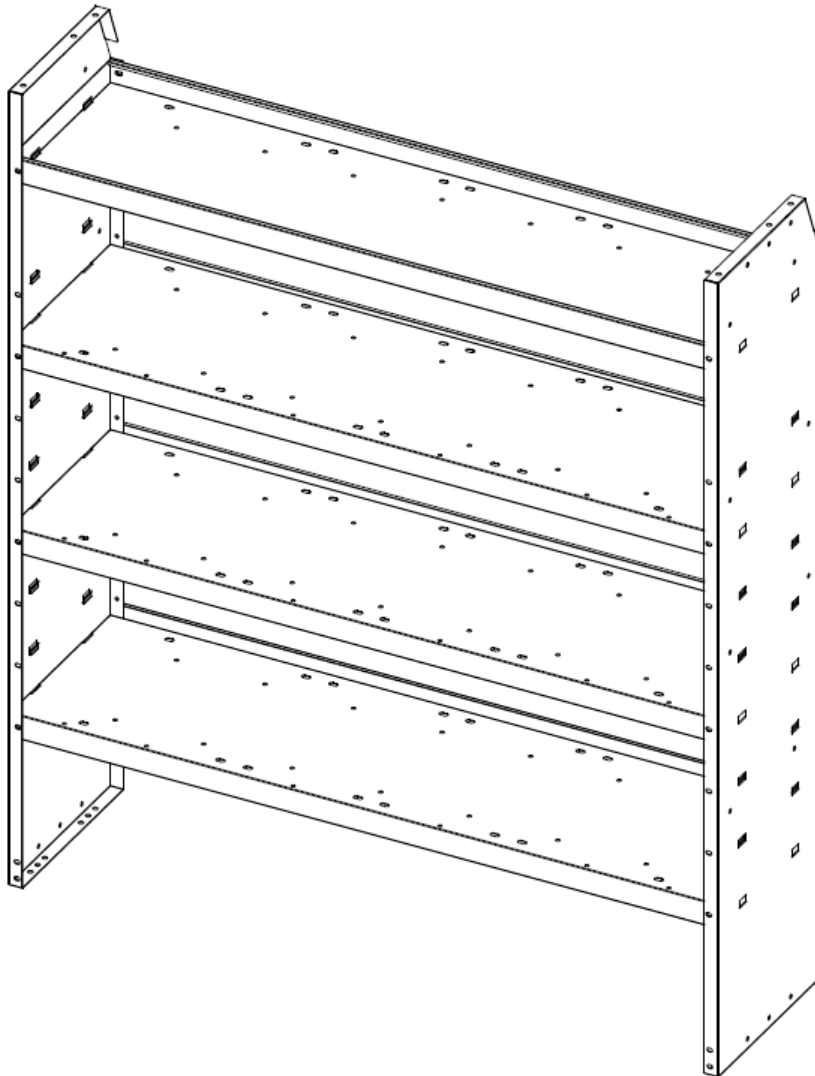


## Step 5

Now attach the upper Back Panel, Item 4. You can now tighten all the screws and are ready to install the shelf.



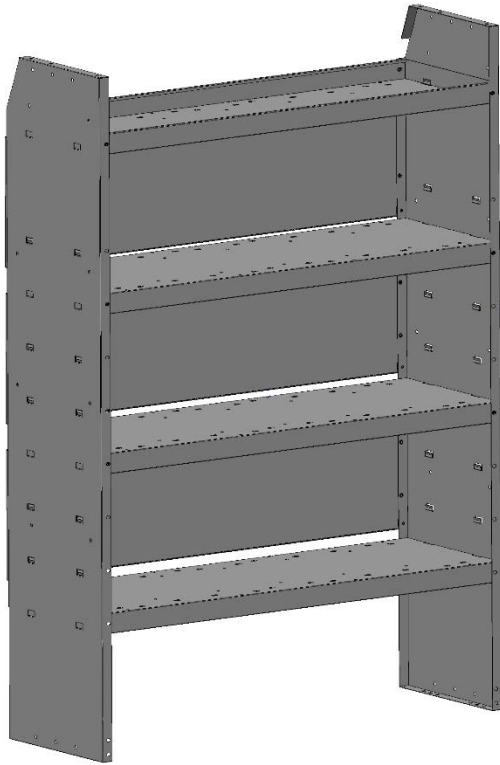
DETAIL E  
SCALE 1 : 2



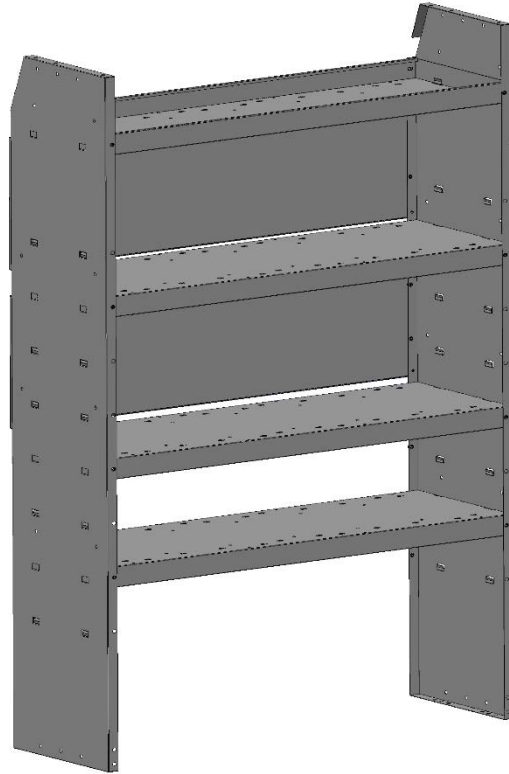
**WARNING: LIFT, DO NOT DRAG THE SHELF UNITS INTO POSITION**

**Step 6**

Depending on the type of vehicle, adjust the lowest shelf location for Ram ProMaster if needed.



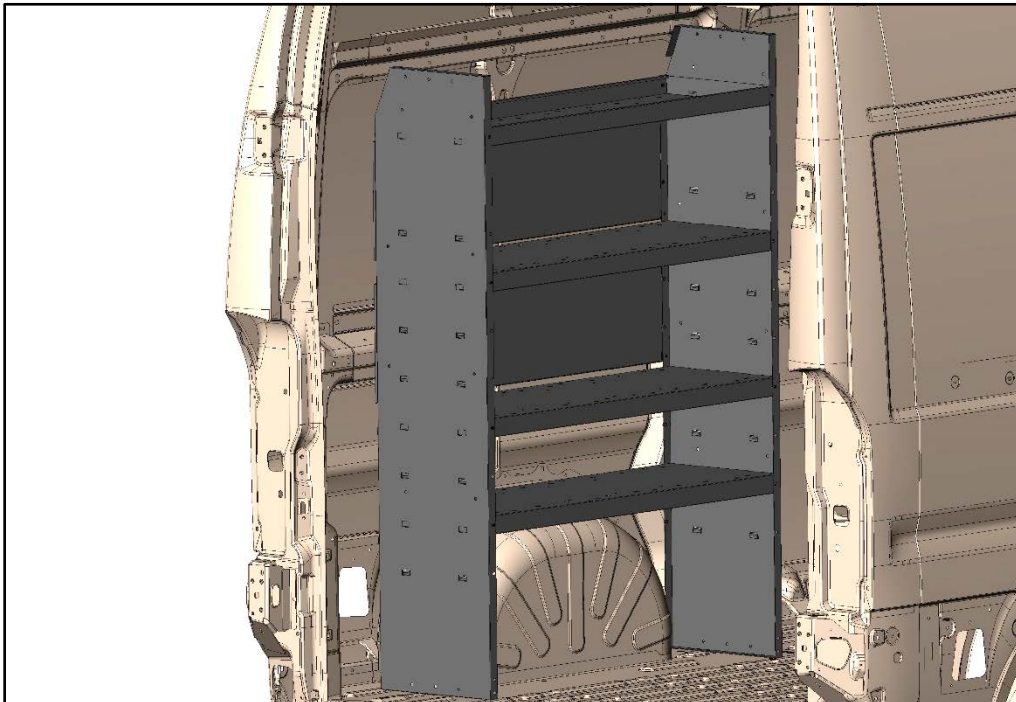
**Most Applications**



**Ram ProMaster**

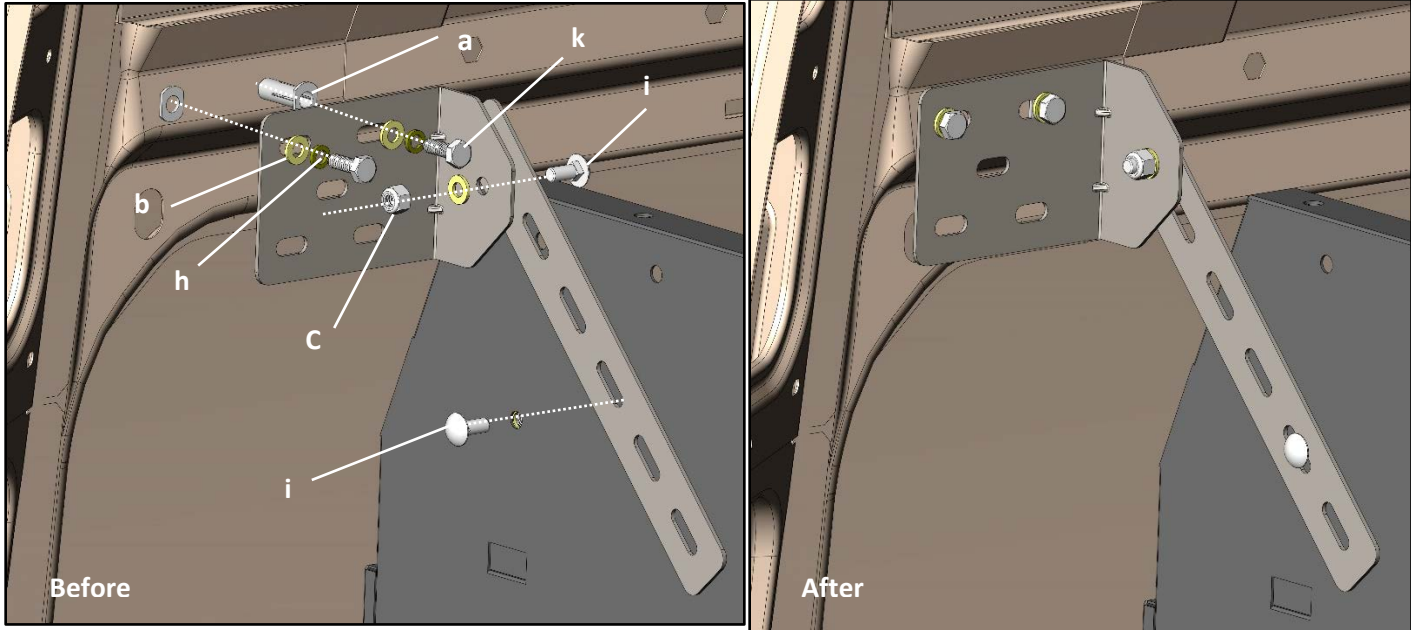
**Step 7**

Set shelf in vehicle in desired location. If using factory threaded bosses be sure to line mounting brackets up first. Floor spacers are provided if desired location does not have a solid platform.



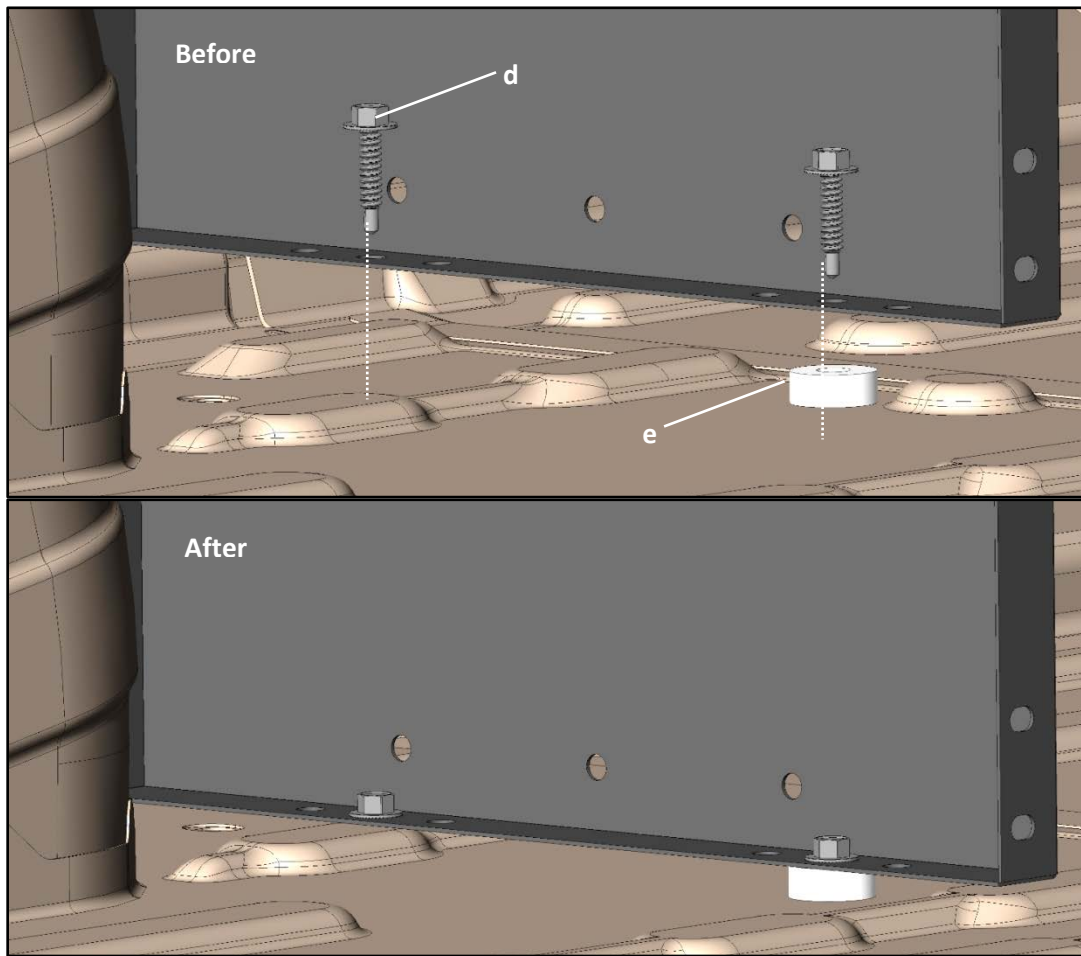
### **Step 8**

Mark and drill 3/8" hole for installing plus-nuts (a) for Upper Mounting brackets (4861-101). Be sure to use a drill stop as to not damage the exterior of the vehicle. Use 1/4" head Bolt(k), lock washer (h), and flat washer(b) to secure onto plusnut. Secure "Upper mount bracket (4861-101) and strap (4861-102) together and to shelf side using 1/4" carriage bolt(i), flat washer(b), and nyloc nut(c).



### **Step 9**

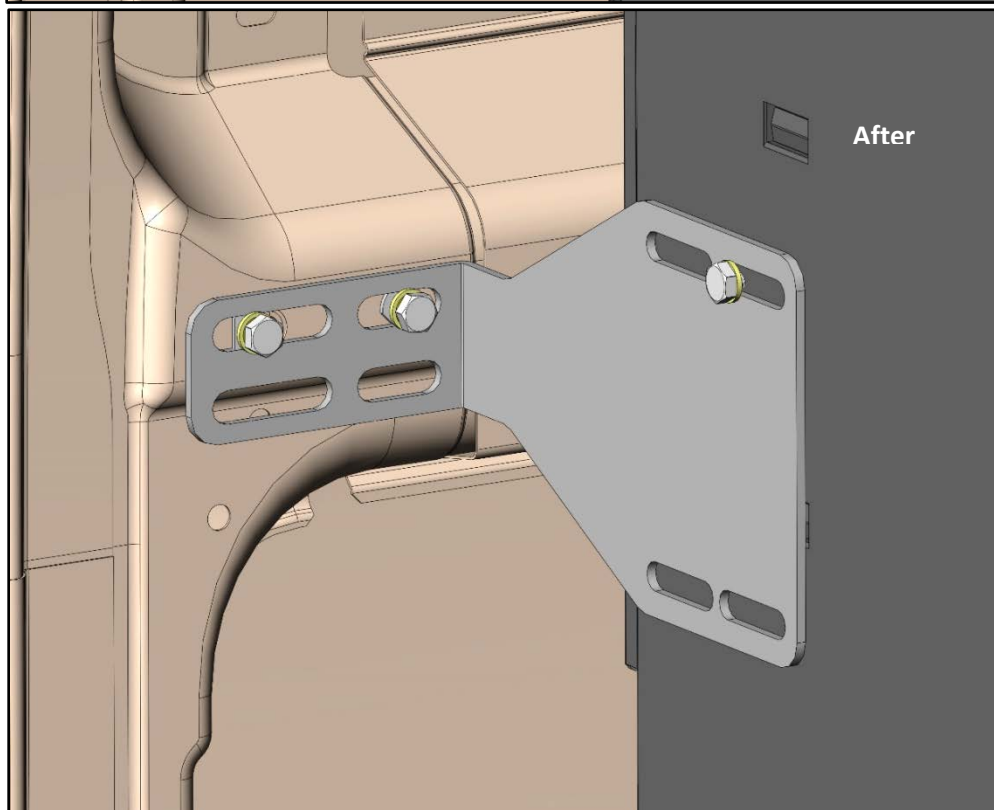
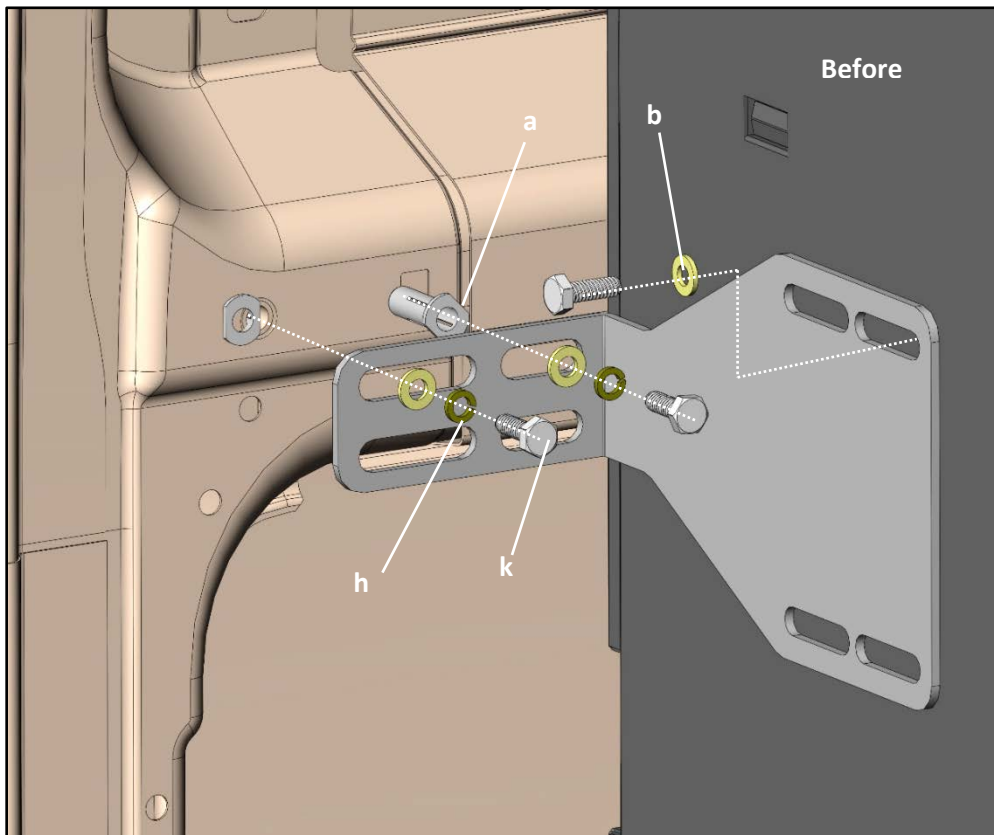
Use the 5/16"x1 1/4" Self Threading screws (g) to attach the bottom of the shelf to van floor. Use spacers (e) to fill any gap between shelf side and van floor.



### **Step 10**

Attach Mid Mount Bracket (4016L-43-003) to a structural member on the wall of the vehicle using either factory threaded bosses or plus-nuts (a). Secure using hex bolt (k), lock washer (h), and flat washer (b). You may have to drill holes in the shelf side because of the different vehicle mounting locations. Attach the bracket to the shelf side using 1/4" Hex Bolt (k), flat washer (b), and nyloc nut (c).





**Step 11**

Check all mounting hardware to insure tightness, you are now done. (Shown is RAM ProMaster)

