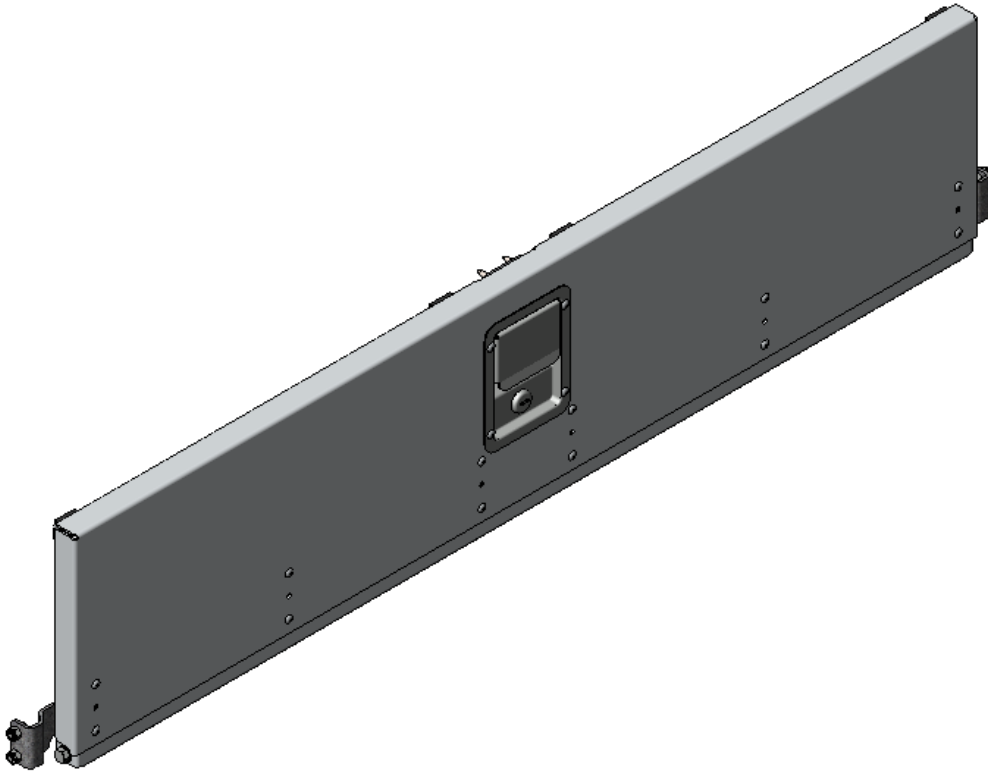


# INSTALLATION GUIDE



**77-U1048 Shelving Door**  
( ALUMINUM )

# QUICK START GUIDE

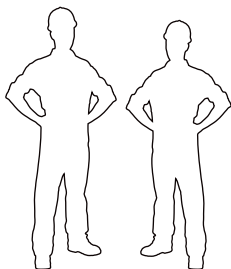
## Phase 1 - Assembly

<input type="checkbox"/> 1.1 Setup.....	3 - 4
<input type="checkbox"/> 1.2 Door Assembly.....	5 - 7

## Phase 2 - Installation

<input type="checkbox"/> 2.1 Door Installation.....	8 - 11
<input type="checkbox"/> 2.2 Striker Plate Install.....	12

# REQUIRED ITEMS



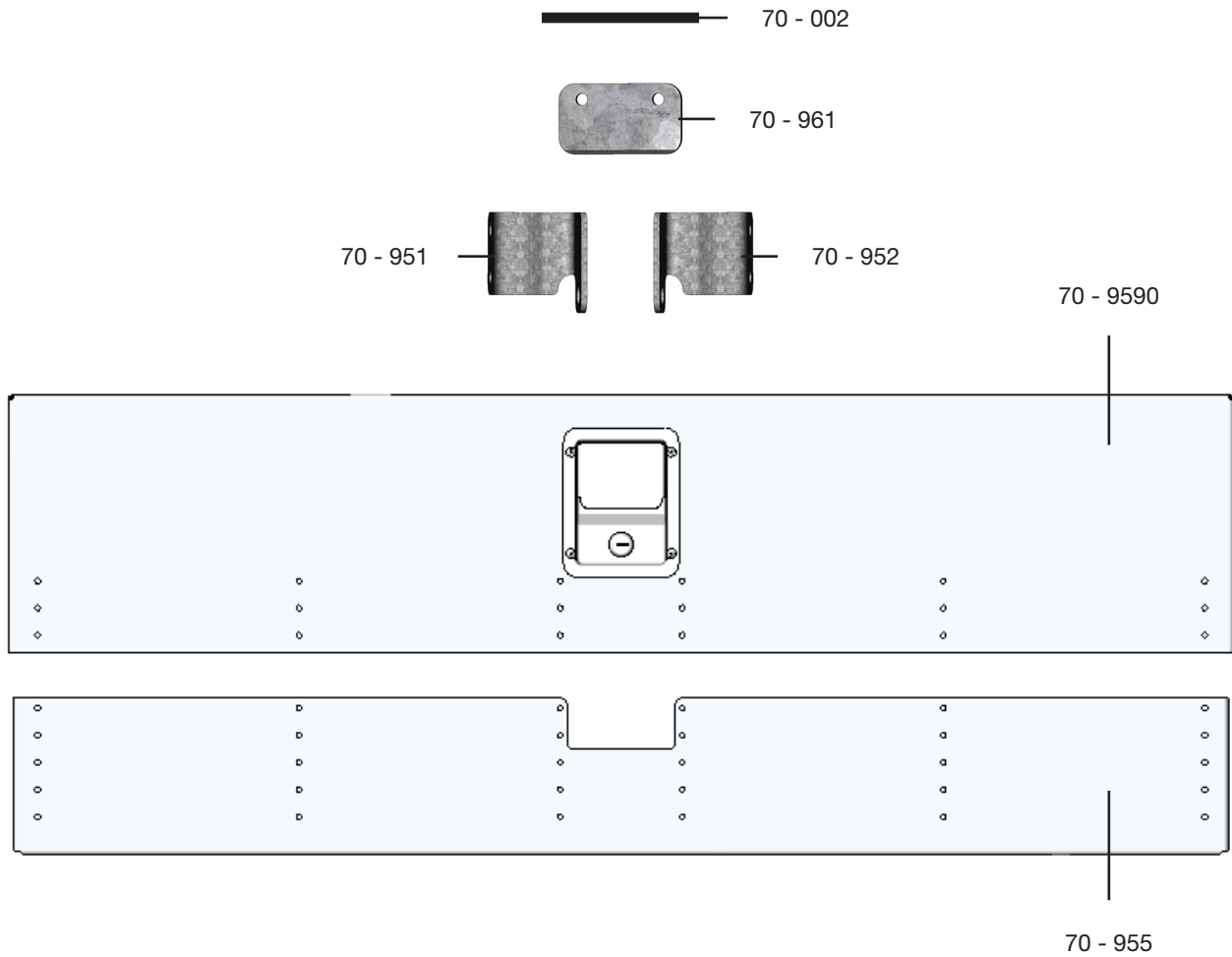
**2**  
**PERSONS**

- Ratchet
- Rivet Gun
- Tape Measure
- Marker
- 1/2" Socket
- 7/16" Socket
- 7/16" Wrench
- 1/2" Wrench
- Knife

# PHASE 1 – ASSEMBLY

## 1.1 SETUP

1.1.1 Unpack components; compare with the bill of materials.



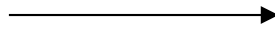
1.1.2 Verify all parts are present.

### BILL OF MATERIALS

Item No.	Description	Qty.
70-002	Foam Tape ( QTY in Inches )	4
70 - 951	Door Bracket ( Left )	1
70 - 952	Door Bracket ( Right )	1
70 - 955	Lower Door Panel	1
70 - 961	Striker Plate	1
70 - 9590	Upper Panel w/ Latch ( 48" )	1
94 - 4031	Assembly Fastener Kit	1
96 - 4029	Install Fastener Kit	1

1.1.3 Fastener kits.






**94 - 4031 Fastener Kit**




**Fastener Assembly**

- 2x  # 90-206 Hex Bolt  
5/16"-18 x 7/8"  
GR-5 ZINC
- 2x  # 94-110 Lock Nut  
5/16"  
ZINC
- 12x  # 96-202 Closed End Blind Rivet  
3/16" Type #64
- 2x  # 98-134 Shoulder Washer  
5/16"  
NYLON
- 4x  # 98-110 Flat Washer  
5/16"  
ZINC

**2x**

 #90-206 Hex Bolt 5/16" x 7/8"  
 #98-134 Shoulder Washer  
 #98-110 Flat Washer  
 #98-110 Flat Washer  
 #94-110 Lock Nut





**12x**

 #96-202 Closed End Blind Rivet



**96 - 4029 Fastener Kit**




**Fastener Assembly**

- 1x  # 90-212 Hex Bolt  
5/16"-18 x 1 - 1/4"  
GR-5 ZINC
- 4x  # 90-106 Hex Bolt  
1/4"-20 x 1/2"  
GR-5 ZINC
- 4x  # 94-106 Lock Nut  
1/4"  
ZINC
- 2x  # 92-200 Screw HFH  
#10 - 16 x 3/4"  
ZINC

**4x**

 #90-106 Hex Bolt 1/4" x 1/4"  
 #94-106 Lock Nut

**2x**

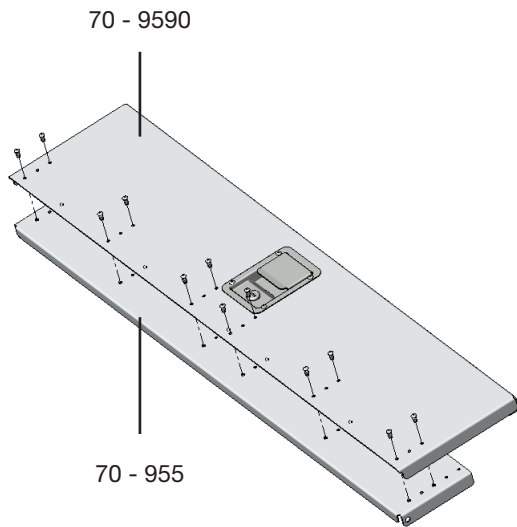
 #92-200 Screw #10 - 16 x 3/4"

# PHASE 1 – ASSEMBLY

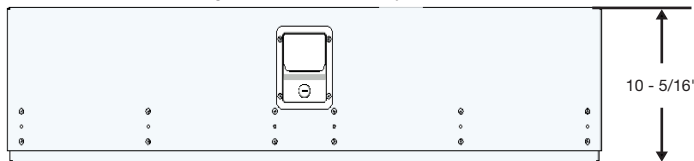
## 1.2 DOOR ASSEMBLY

1.2.1 Attach the lower door panel to the upper door panel.

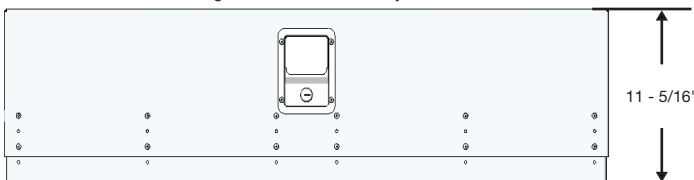
**NOTE:** The height of the door depends on the height between the two shelf trays.



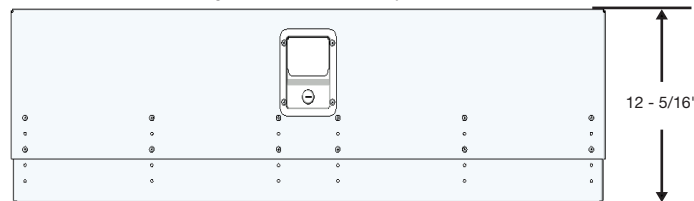
10 - 5/16" Door is for 13" height between two shelf trays or 9 holes.



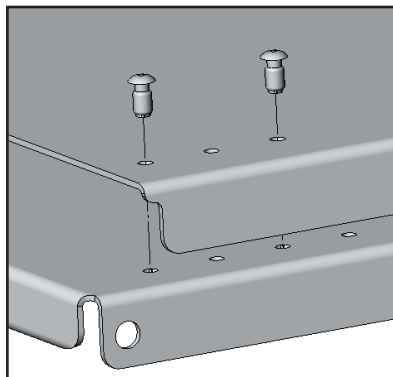
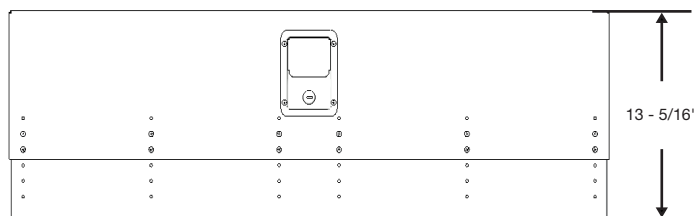
11 - 5/16" Door is for 14" height between two shelf trays or 10 holes.



12 - 5/16" Door is for 15" height between two shelf trays or 11 holes.



13 - 5/16" Door is for 16" height between two shelf trays or 12 holes.



### TOOLS

- Rivet Gun

### HARDWARE USED

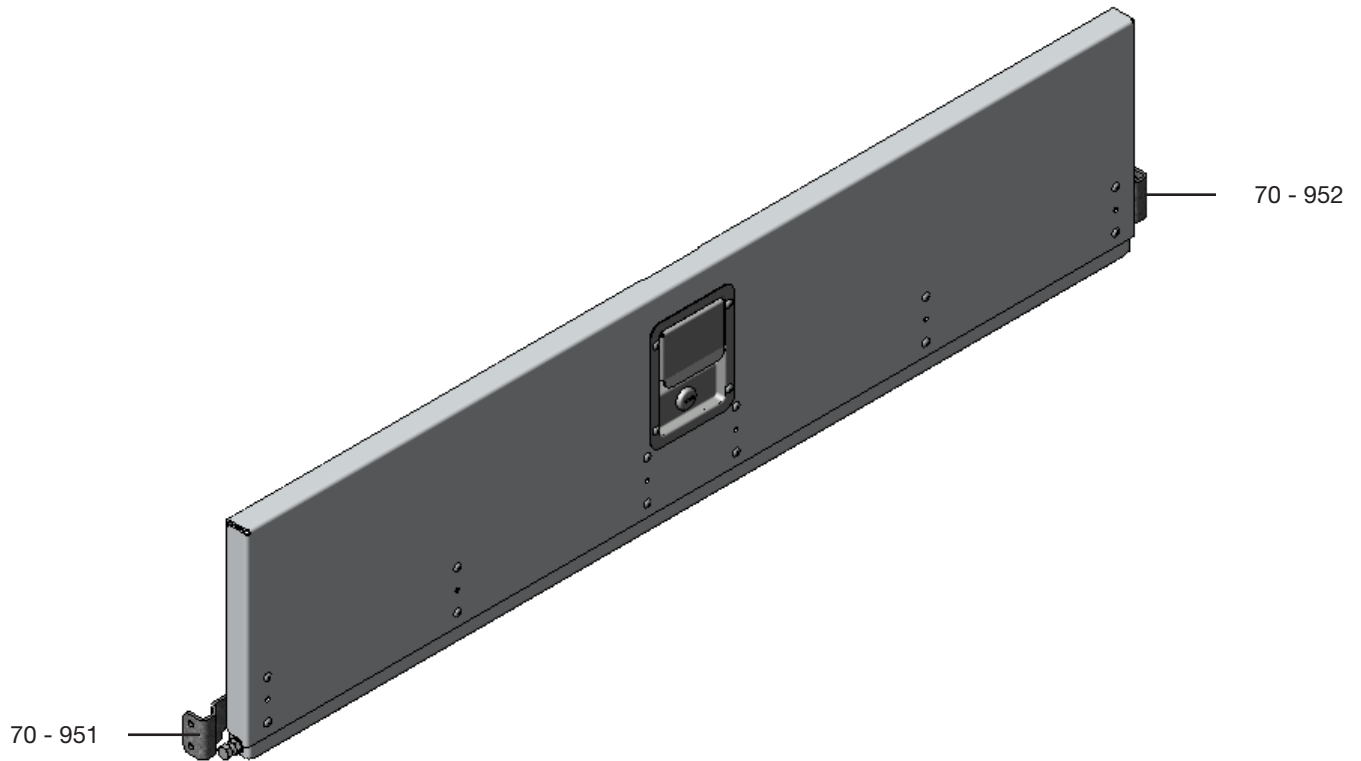
12x



#96-202 Closed End Blind Rivet

1.2.2 Attach the brackets to the lower door panel.






**NOTE:** Hand-tighten the bolts for adjustment.



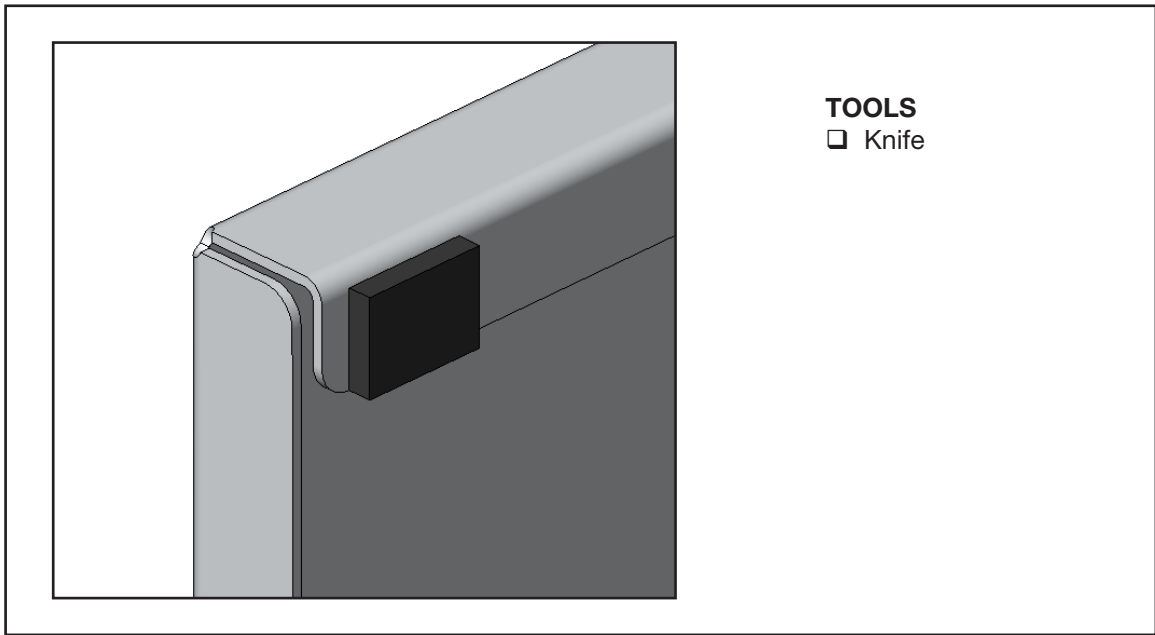
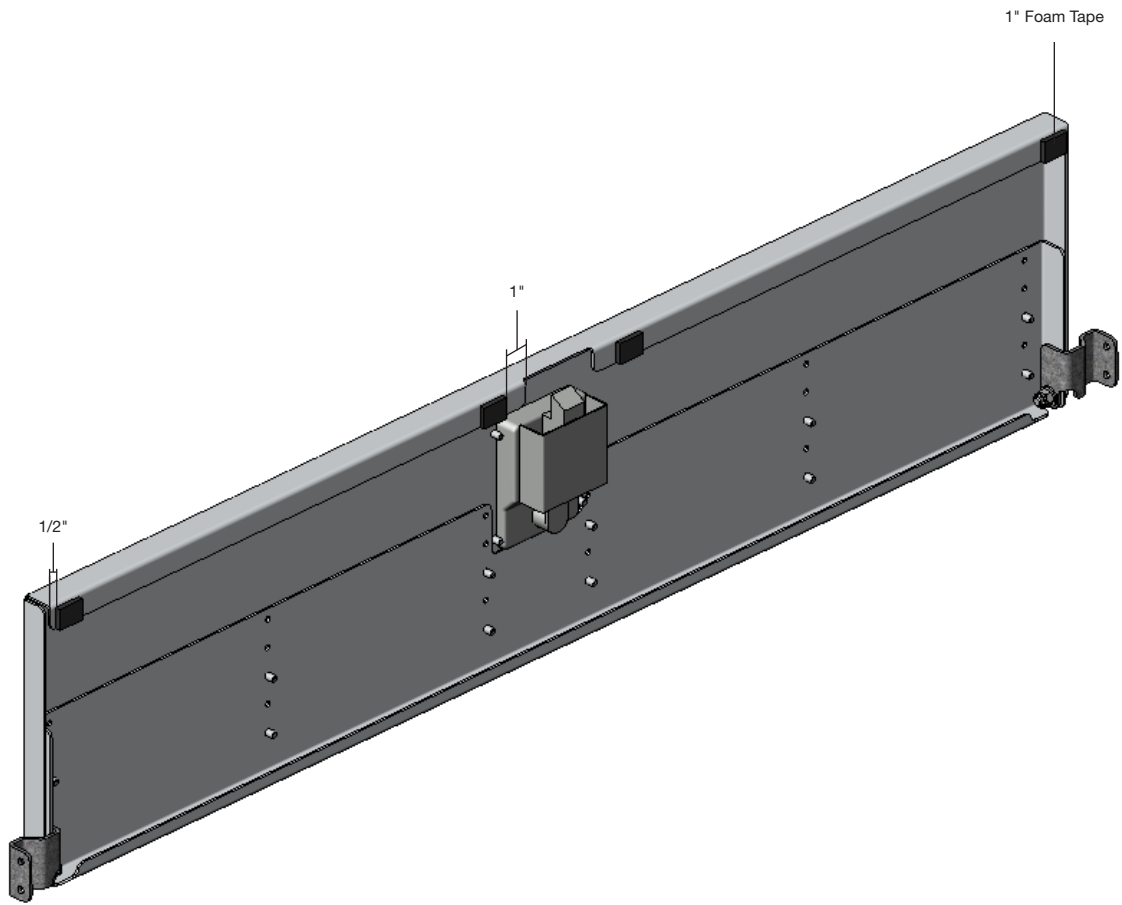
Attach the bracket at the back side of the door panel.

**HARDWARE USED**

**2x** HAND-TIGHTEN THE BOLTS

	#90-206 Hex Bolt 5/16" x 7/8"
	#98-134 Shoulder Washer
	#98-110 Flat Washer
	#98-110 Flat Washer
	#94-110 Lock Nut

1.2.3 Cut the foam tape into 4 pieces of 1", then attach the foam tape to the upper door panel.

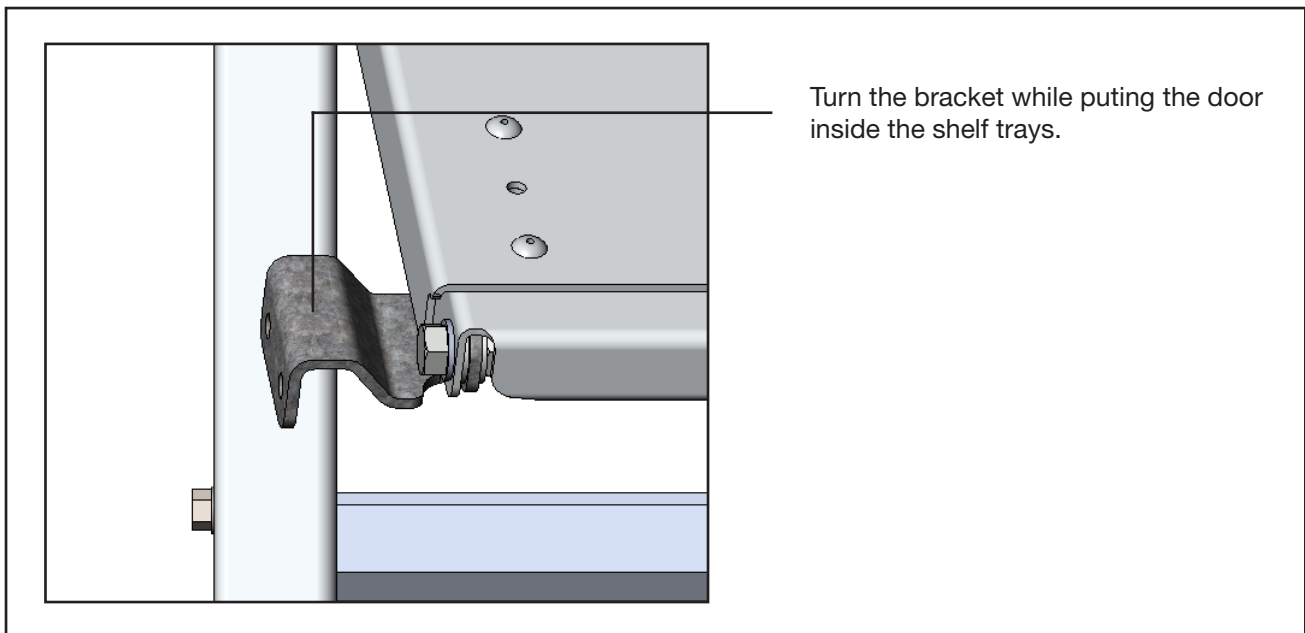
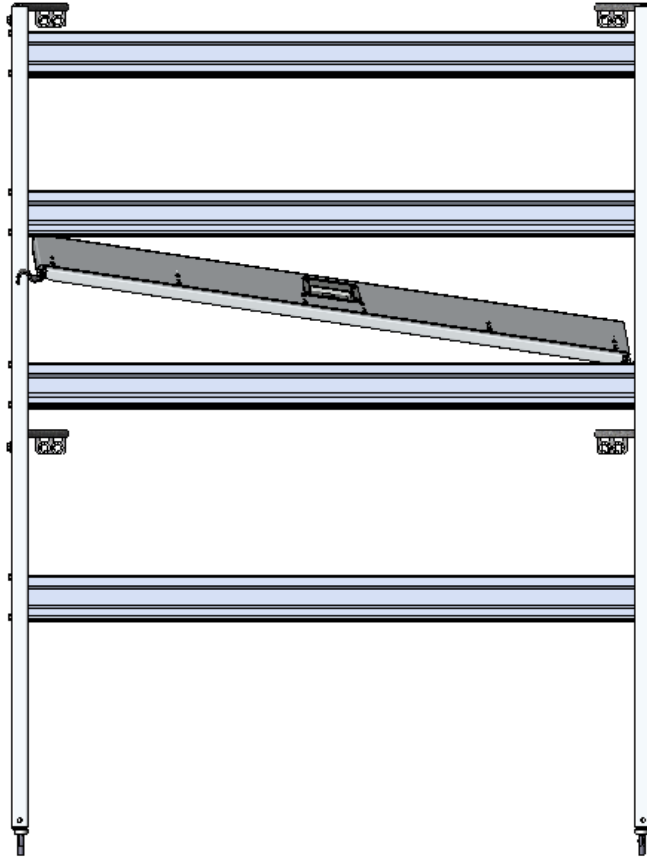


# PHASE 2 – INSTALLATION

## 2.1 DOOR INSTALLATION

2.1.1 Put the door inside the two shelf trays.

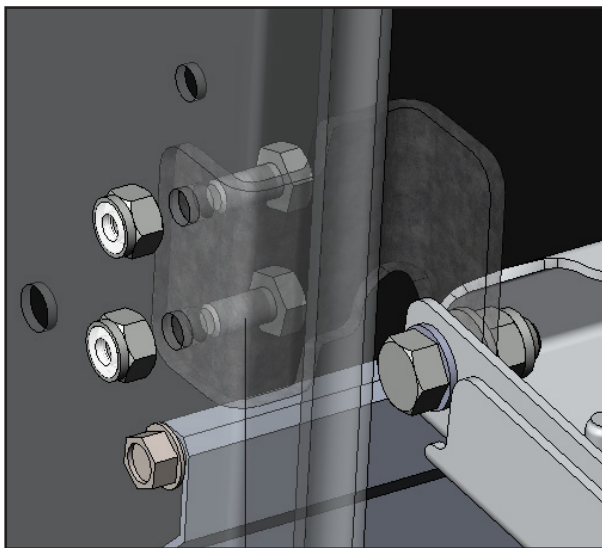
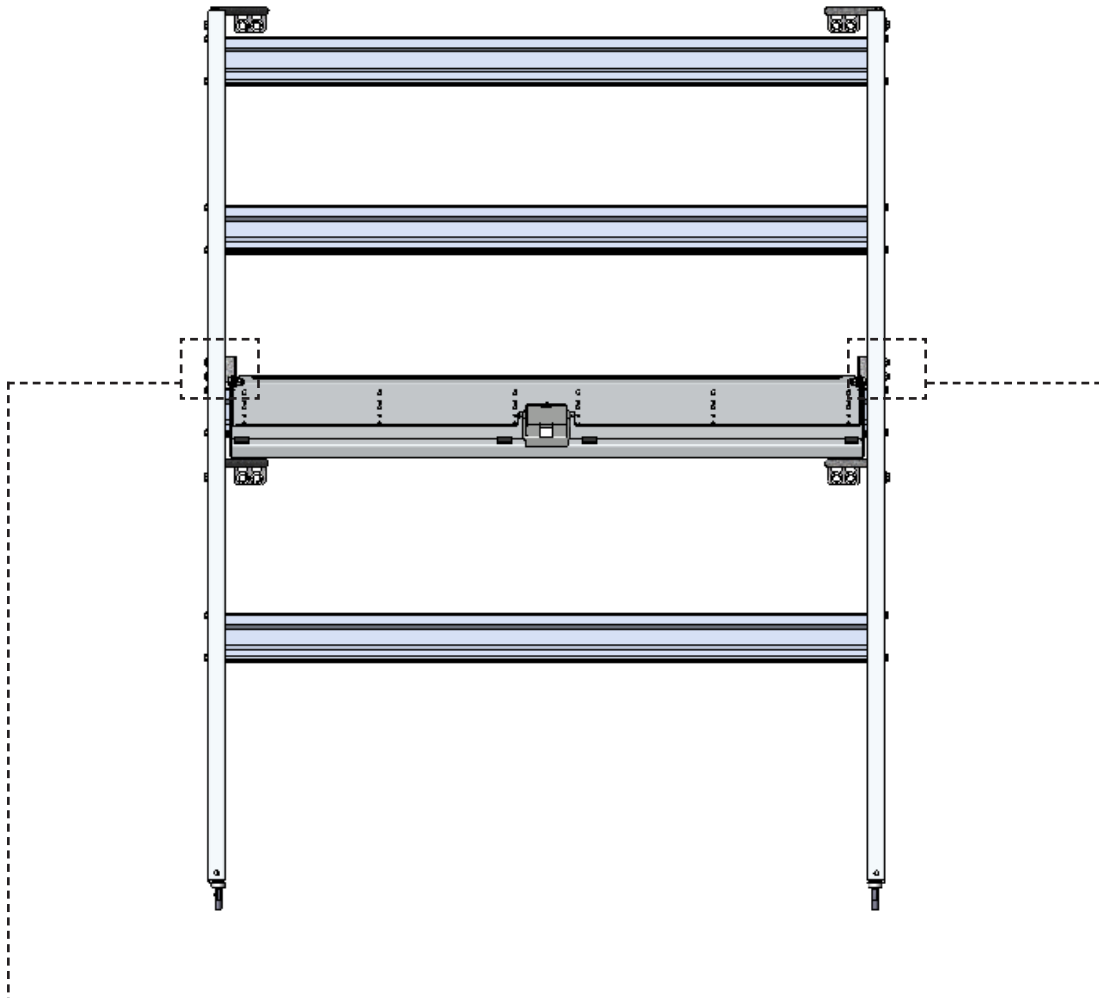
**NOTE:** Keep the bracket loose, so that you can turn the bracket while putting the door inside the shelf trays.



Turn the bracket while putting the door inside the shelf trays.



2.1.2 Attach the door brackets to the end panels.





**TOOLS**

- Ratchet
- 7/16" Socket
- 7/16" Wrench

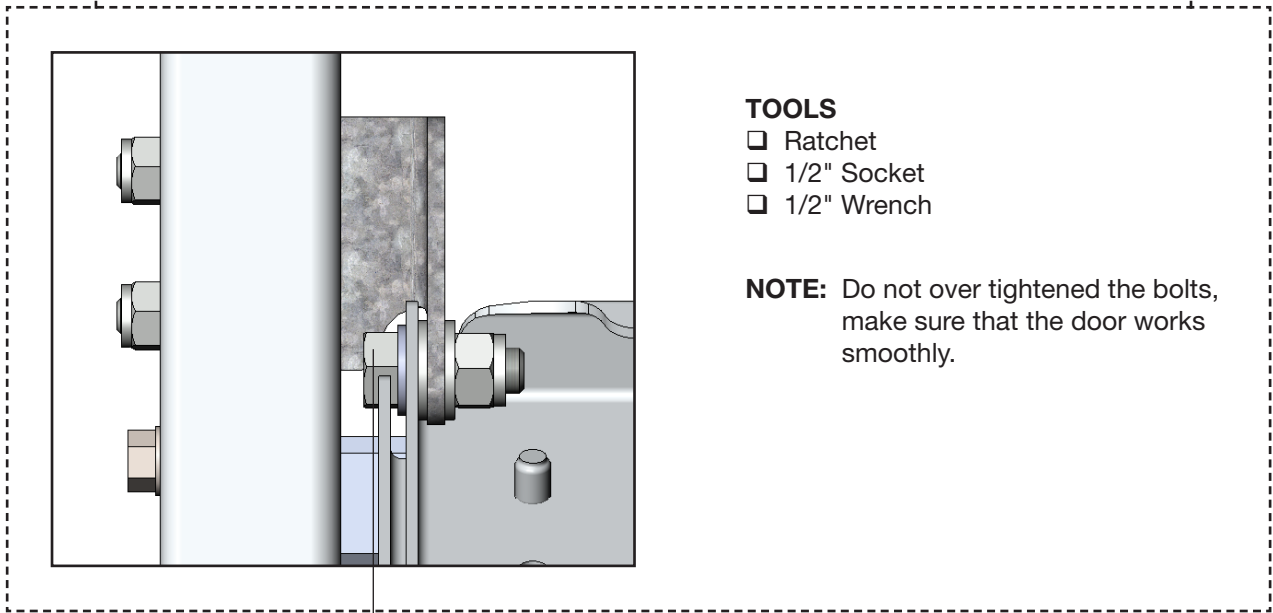
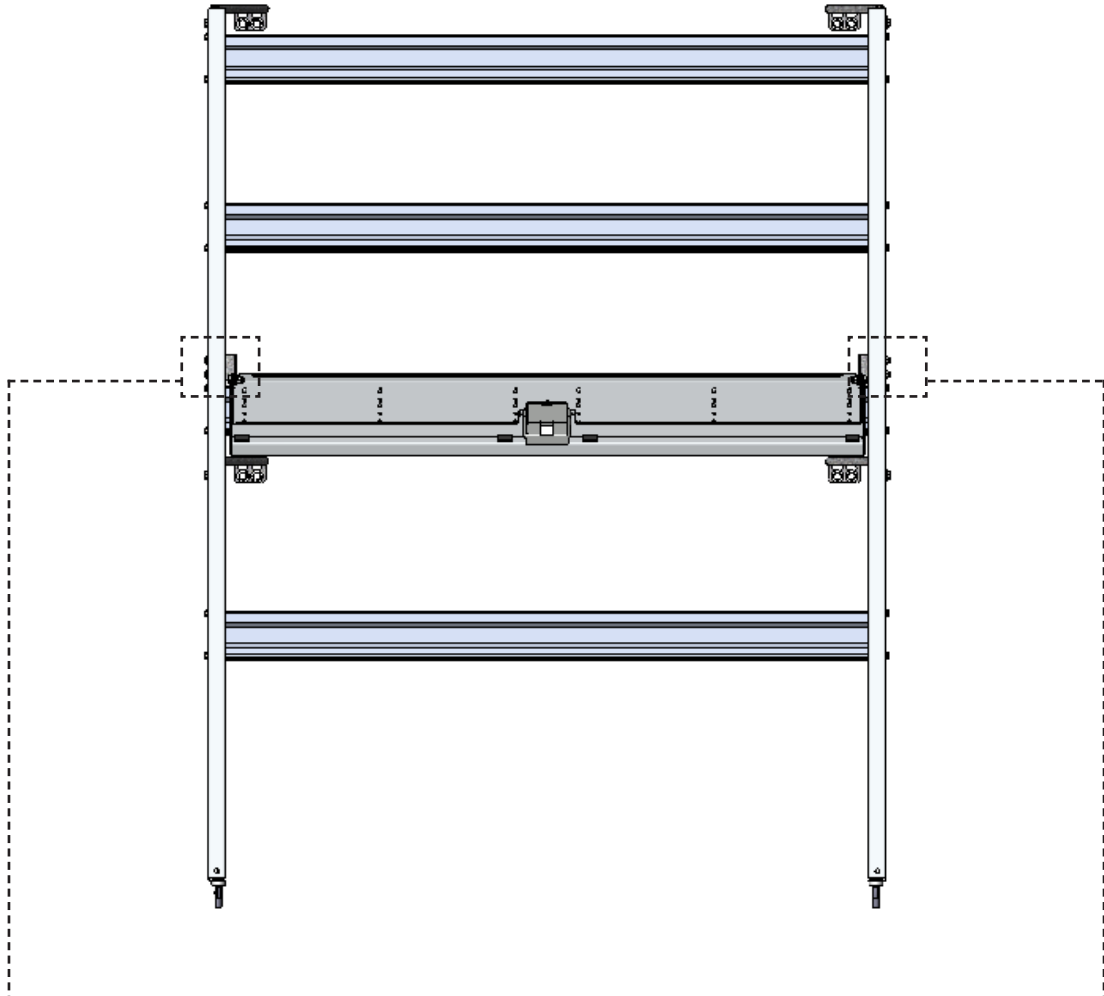
**HARDWARE USED**

**4x**

- |   |                              |
|---|------------------------------|
|  | #90-106 Hex Bolt 1/4" x 1/4" |
|  | #94-106 Lock Nut             |

Tightened this bolts 1st before the bolts that used to attach the brackets to the door panel.

**2.1.3** After attaching the brackets to the end panels, tighten the bolts that used to attach the brackets to the door panel.



**TOOLS**

- Ratchet
- 1/2" Socket
- 1/2" Wrench

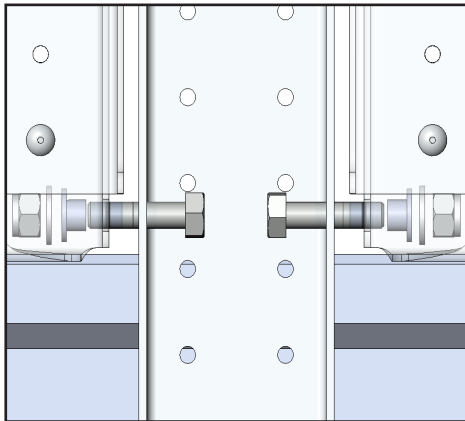
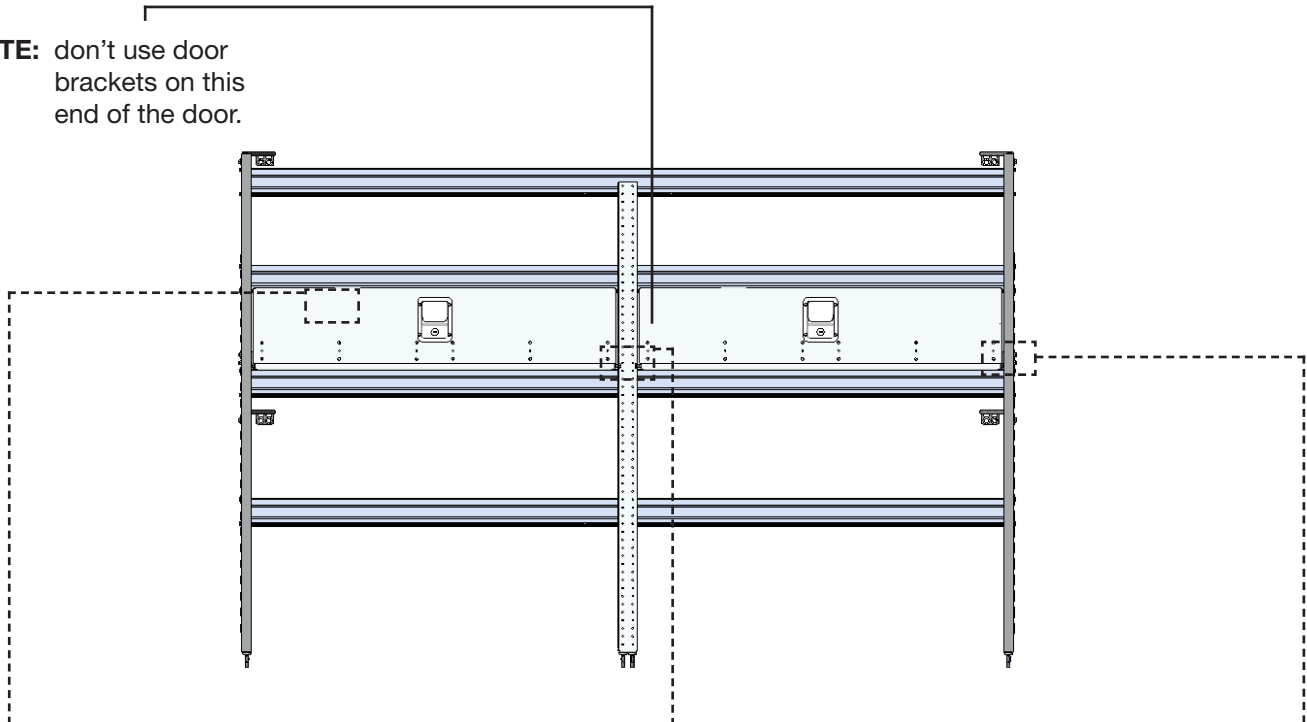
**NOTE:** Do not over tightened the bolts, make sure that the door works smoothly.

Tightened this bolts after attaching the brackets to the end panels.

2.1.4 Attach the door brackets to the end panel, then attach the one end of the doors to the center post.

**DOOR INSTALLATION IN SHELF W/ CENTER POST**

**NOTE:** don't use door brackets on this end of the door.







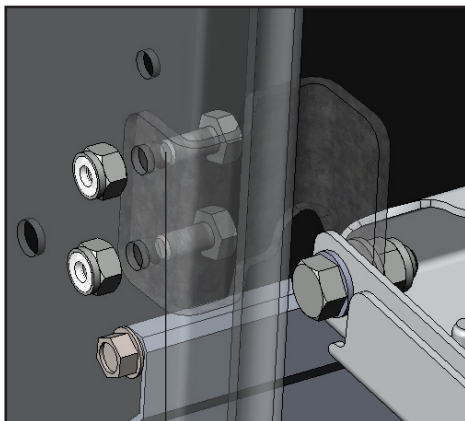
**TOOLS**

- ☐ 1/2" Wrench x2

**HARDWARE USED**

**2x**

-  #90-212 Hex Bolt 5/16" x 1-1/4"
-  #98-134 Shoulder Washer
-  #98-110 Flat Washer
-  #94-110 Lock Nut





**TOOLS**

- ☐ Ratchet
- ☐ 7/16" Socket
- ☐ 7/16" Wrench
- ☐ 1/2" Socket
- ☐ 1/2" Wrench

**HARDWARE USED**

**4x**

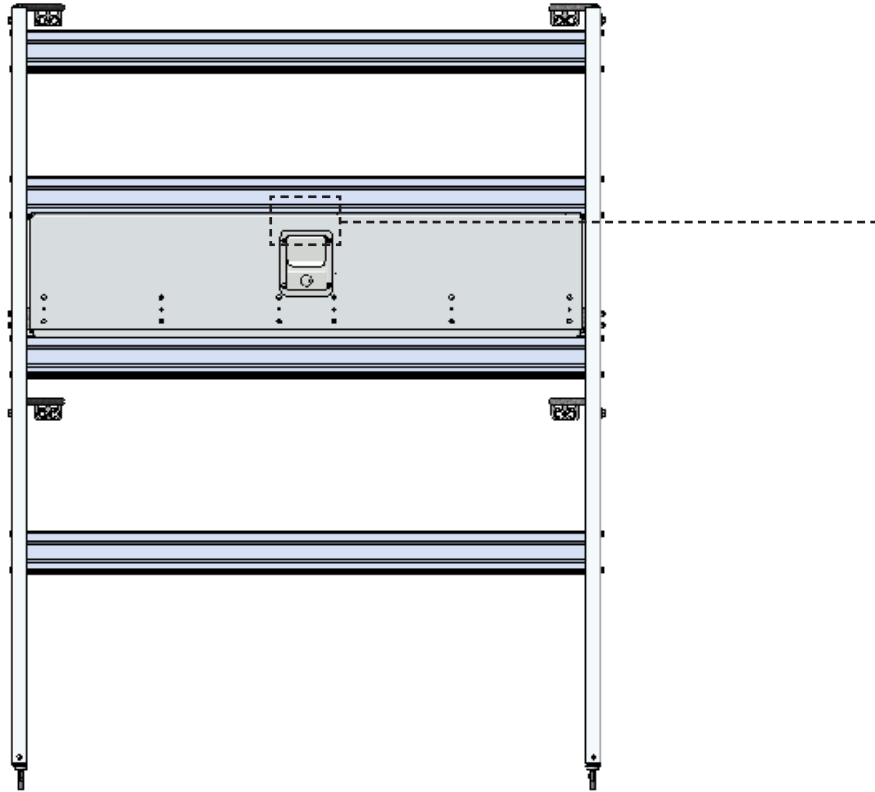
-  #90-106 Hex Bolt 1/4" x 1/4"
-  #94-106 Lock Nut

Tightened this 2 bolts 1st before the bolts that used to attach the brackets to the door panel.

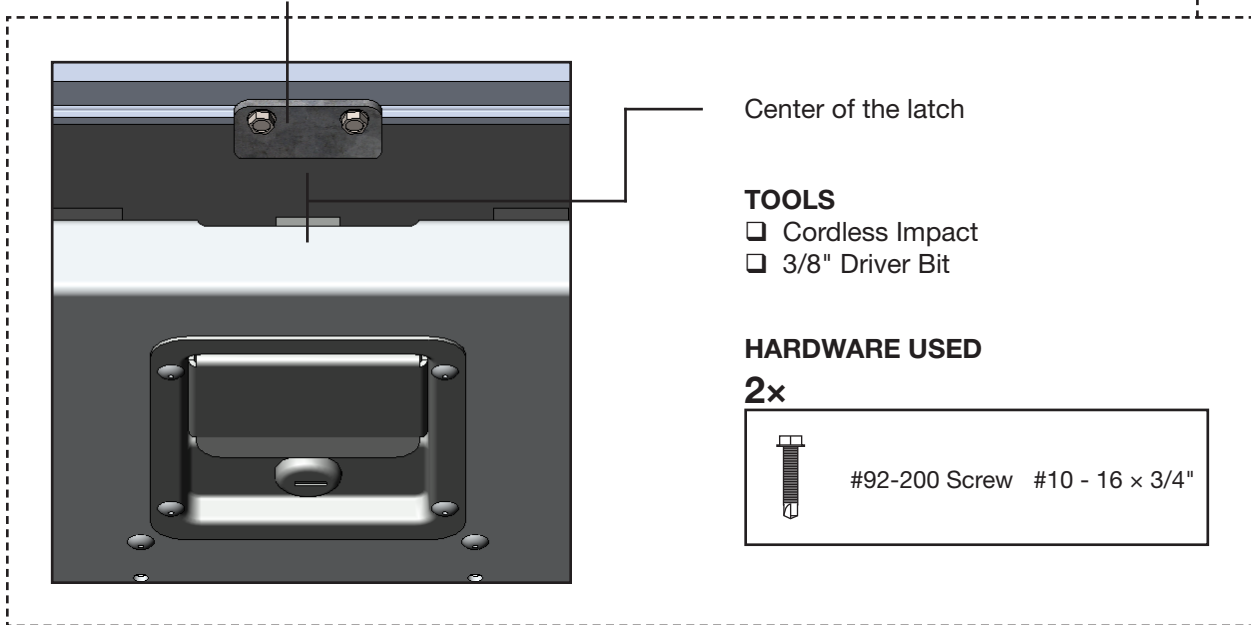
# PHASE 2 – INSTALLATION

## 2.2 STRIKER PLATE INSTALL

2.2.1 Screw the striker plate to the shelf tray extrusion.



70 - 961



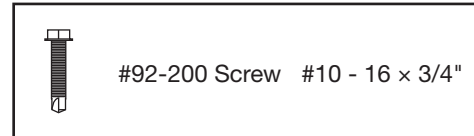
Center of the latch

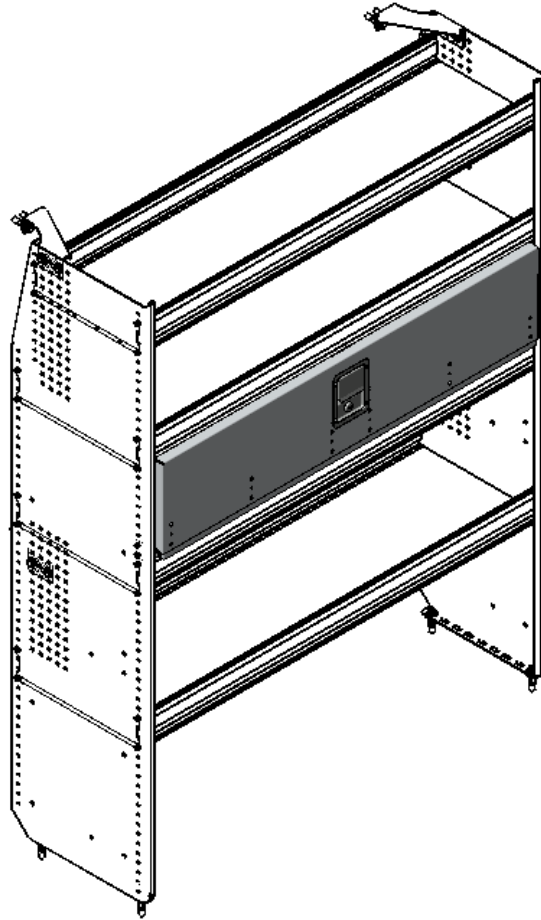
### TOOLS

- Cordless Impact
- 3/8" Driver Bit

### HARDWARE USED

2x





**“You have successfully installed your  
77-U1048**

**Thank you for doing business with us.”**

For any feedback or suggestions you may have, please contact: [cs@rangerdesign.com](mailto:cs@rangerdesign.com)

