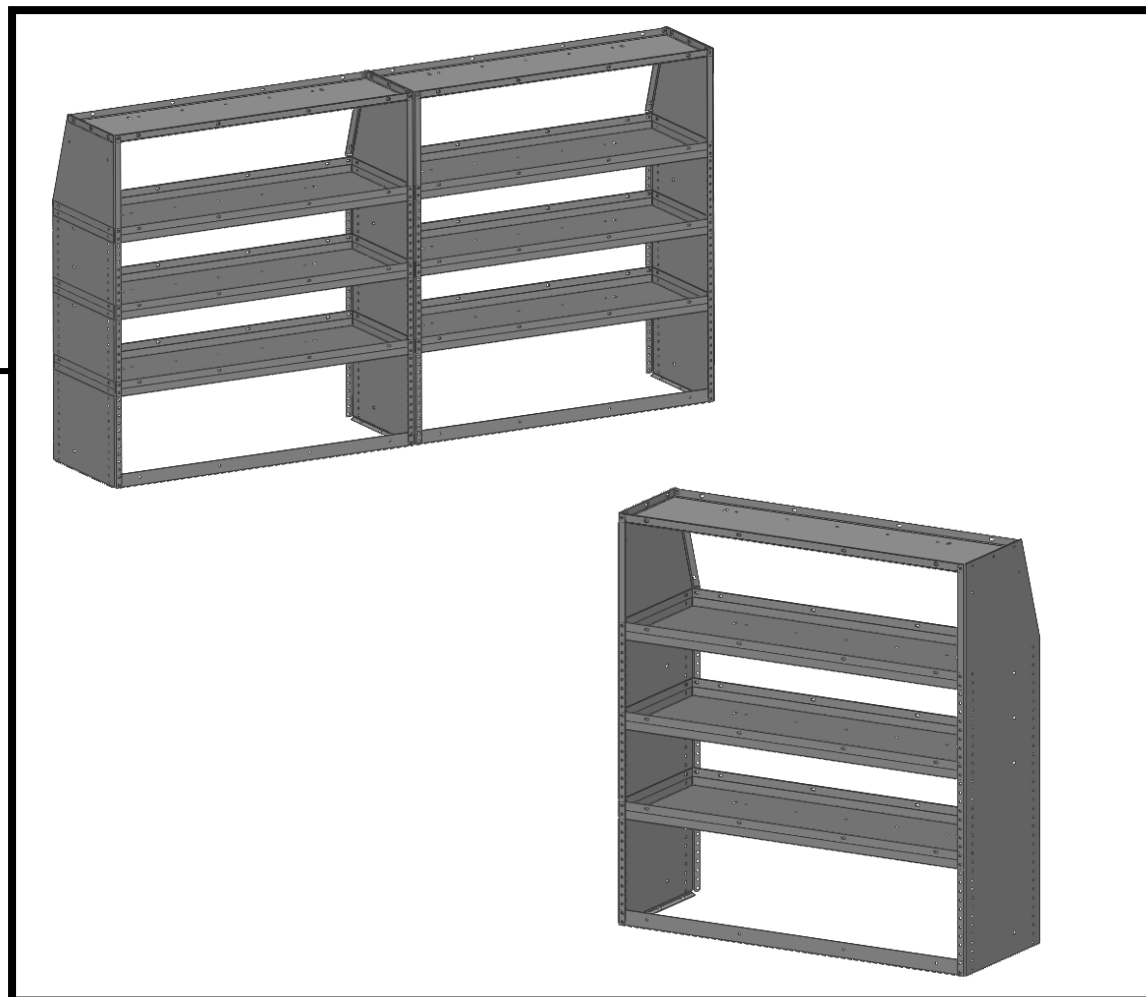
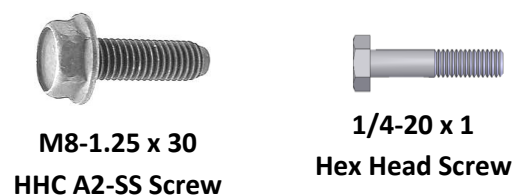
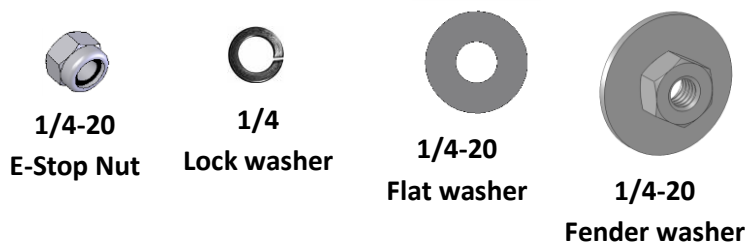


## Recommended Tools



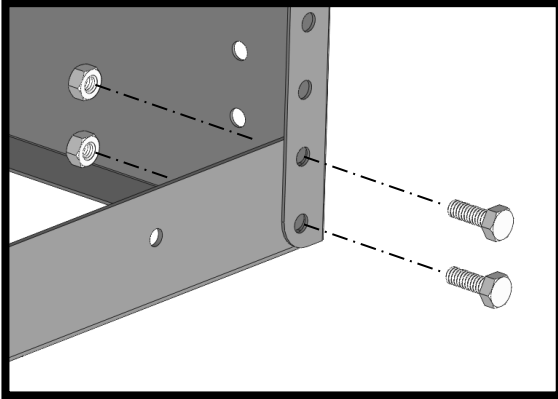
## Hardware



## NV STEEL STANDARD ROOF 02C914KP

Review this document to ensure that all parts and hardware are included in the package, before installation.  
In the event that parts are missing please contact Masterack @ 1-800-222-8785, to re-order missing parts.

## ATTACHING FLOOR BRACE



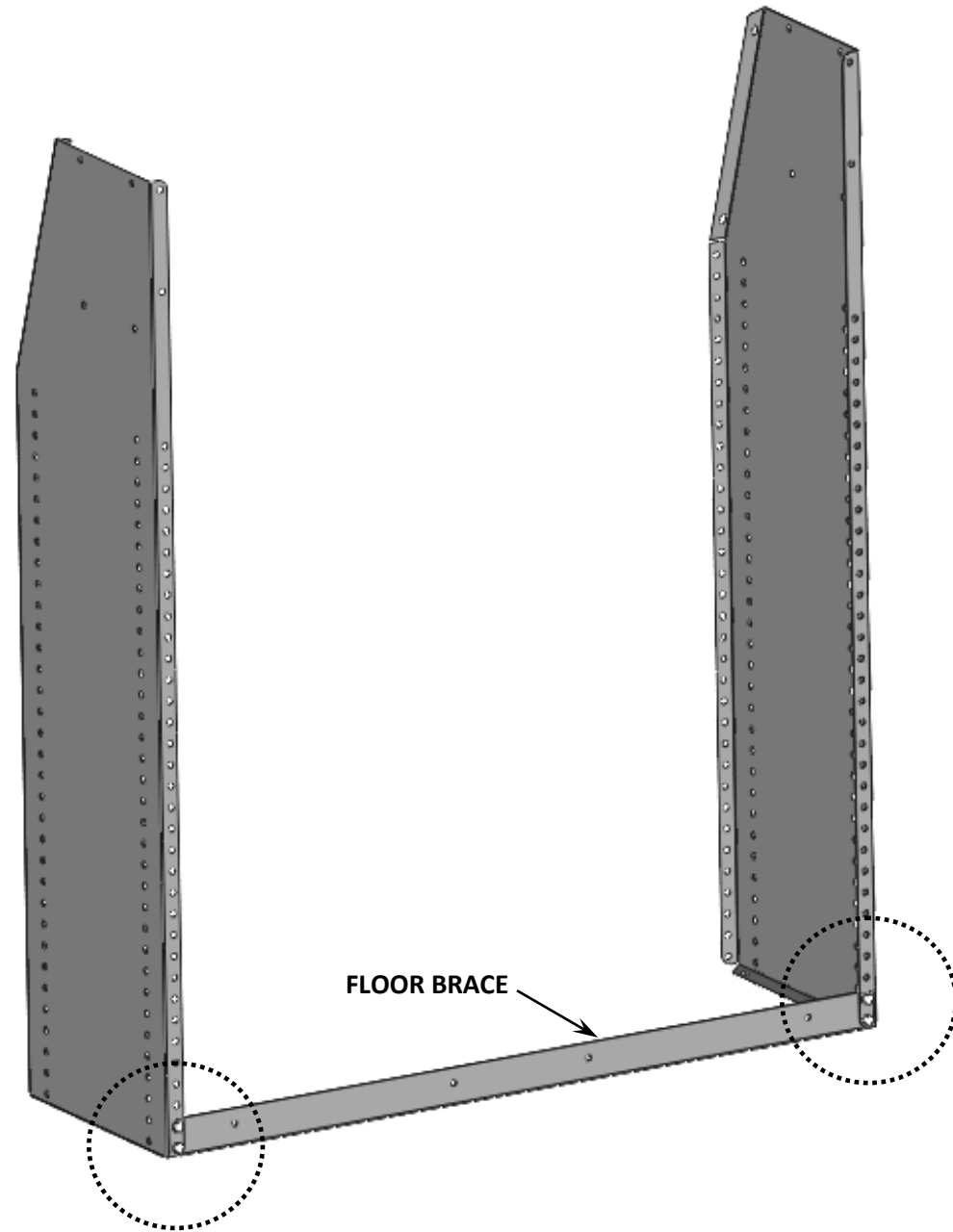
Attach Floor Brace as shown, using:

(4) 1/4-20 x 3/4 Hex Head Screws

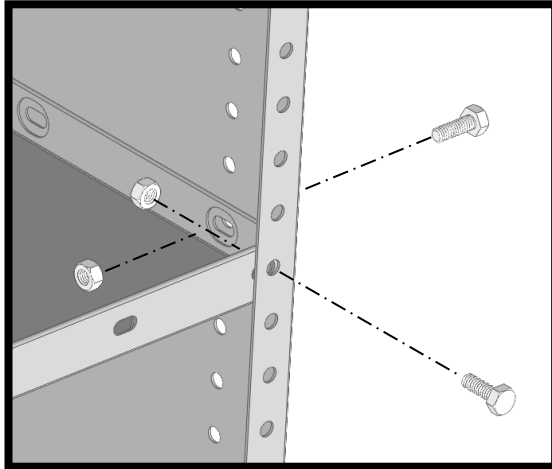
(4) 1/4-20 E-Stop Nuts

### **TORQUE SETTING:**

Size – 1/4 = 7 – 9.5 Ft.-Lbs.



## ATTACHING SHELVES [BOTTOM SHELF]

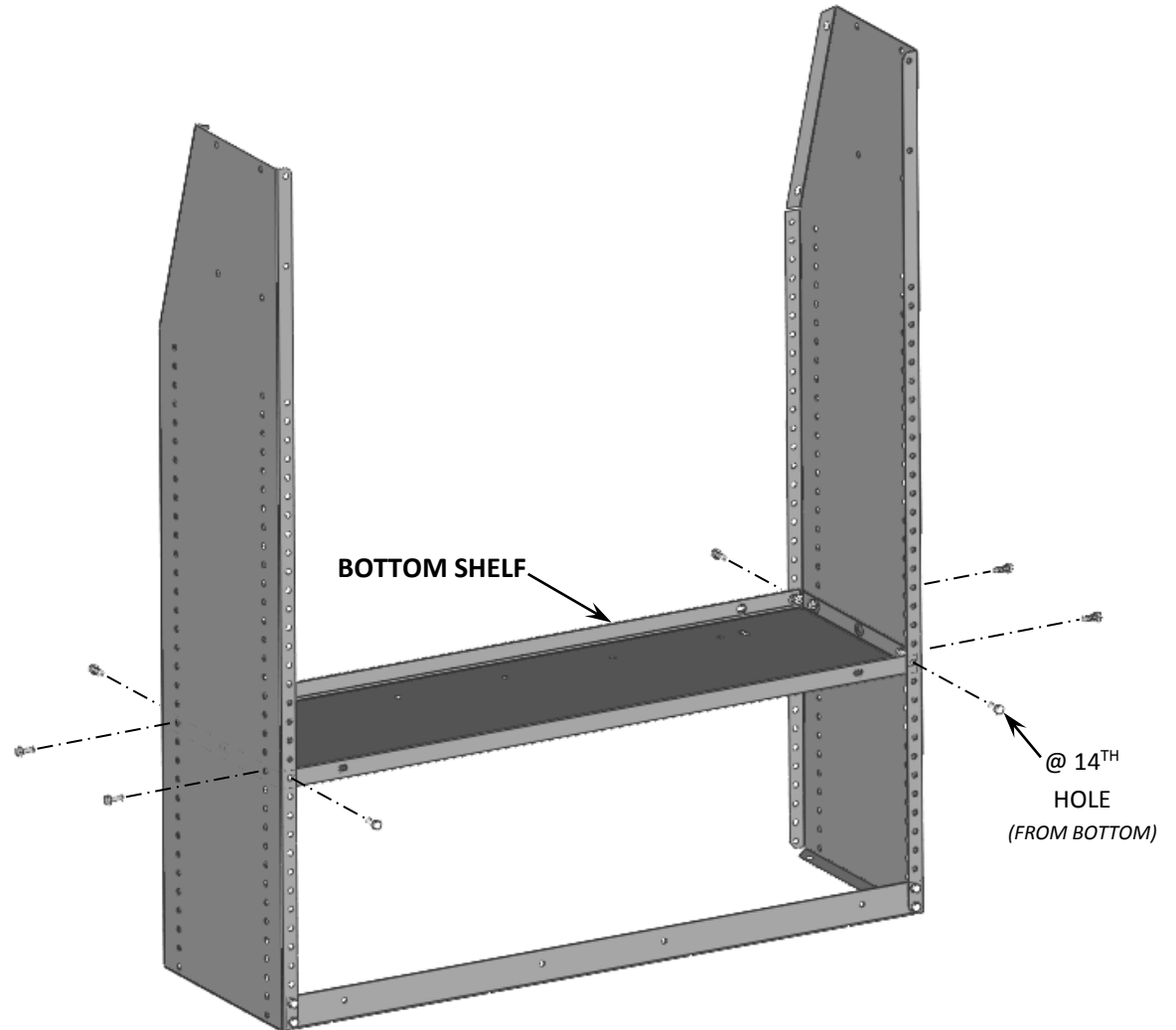


Attach Shelf as shown, using:  
(8) 1/4-20 x 3/4 Hex Head Screws  
(8) 1/4-20 E-Stop Nuts

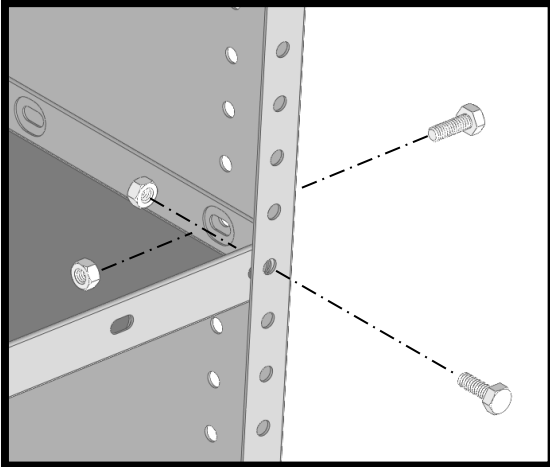
**TORQUE SETTING:**  
Size – 1/4 = 7 – 9.5 Ft.-Lbs.

### NOTE:

SHELVES ARE ADJUSTABLE TO FIT REQUIRED NEED.  
MOUNTING LOCATIONS SHOWN ARE STANDARD  
MOUNTING LOCATIONS.



## ATTACHING SHELVES

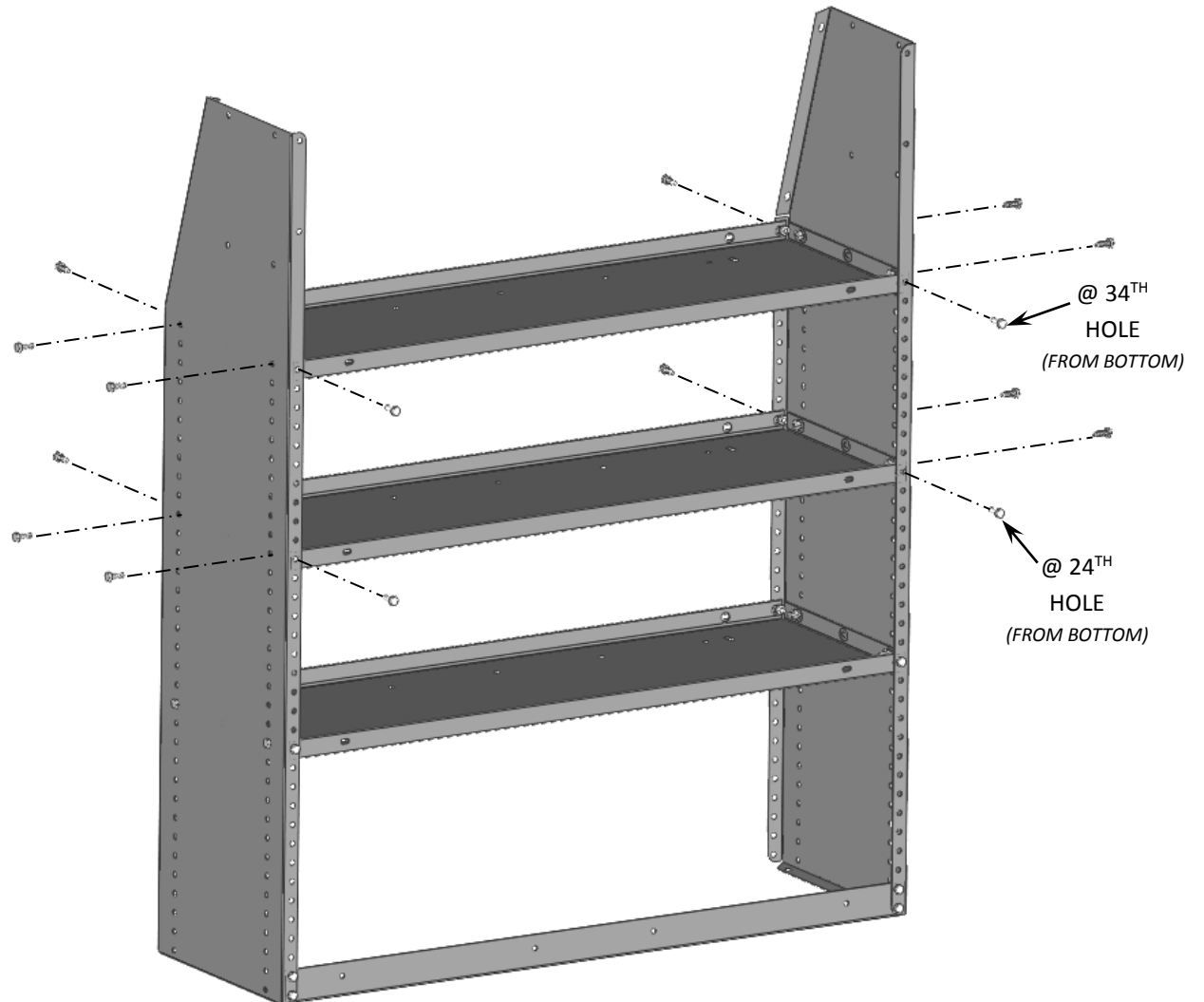


Attaching (2) Shelves as shown, using:  
(16) 1/4-20 x 3/4 Hex Head Screws  
(16) 1/4-20 E-Stop Nuts

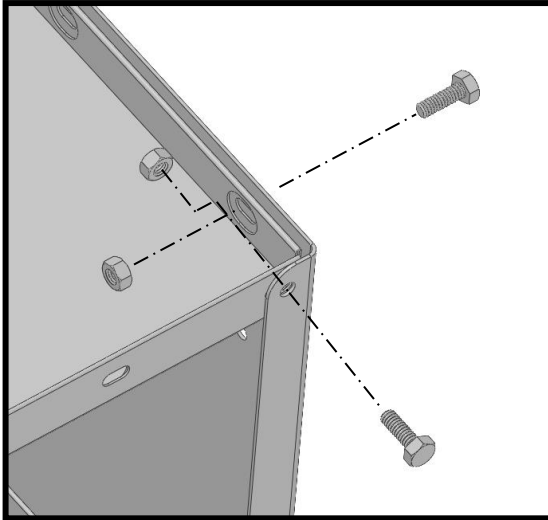
**TORQUE SETTING:**  
Size – 1/4 = 7 – 9.5 Ft.-Lbs.

### NOTE:

SHELVES ARE ADJUSTABLE TO FIT REQUIRED NEED.  
MOUNTING LOCATIONS SHOWN ARE STANDARD  
MOUNTING LOCATIONS.

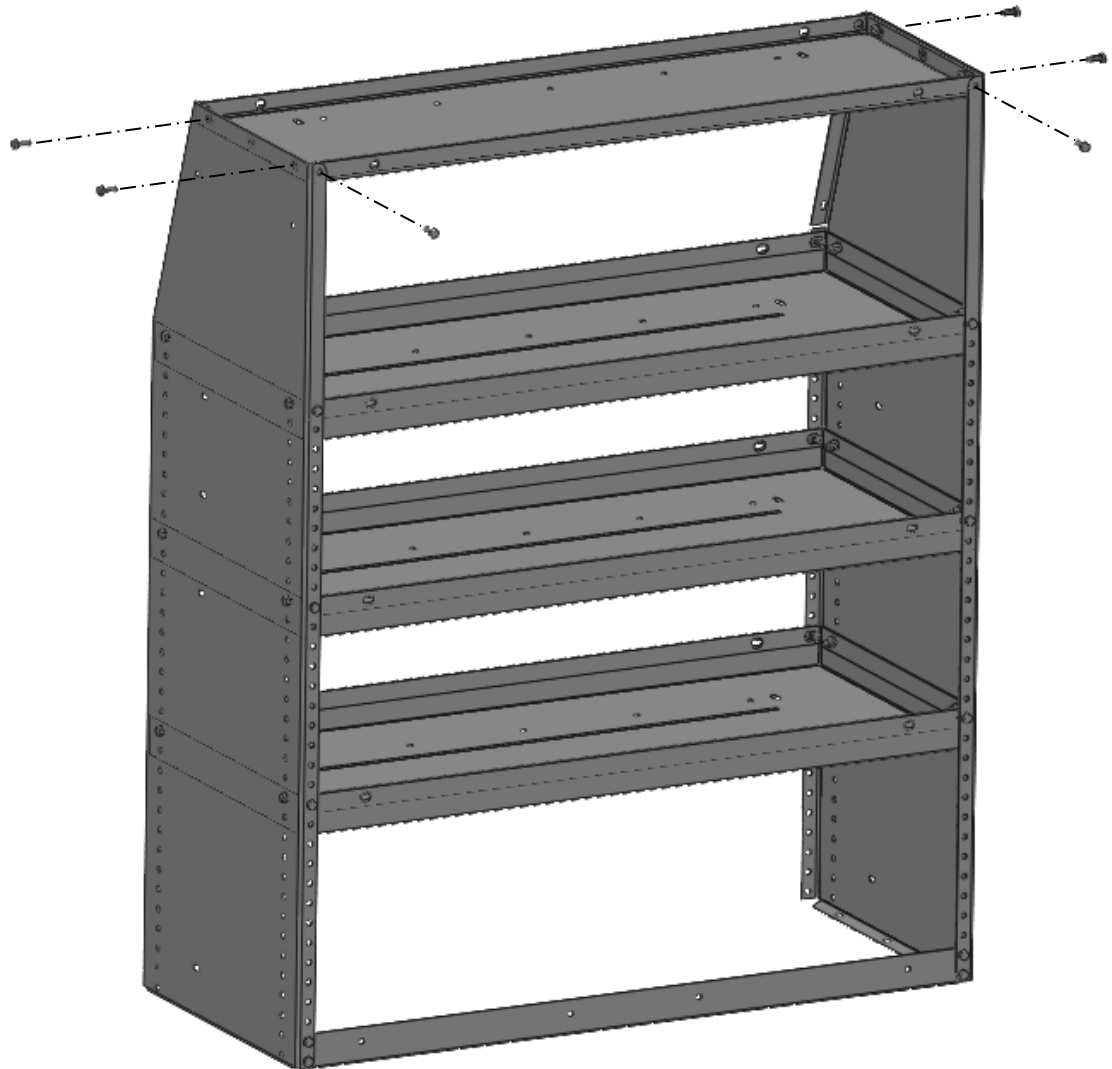


## ATTACHING TOP SHELF



Attach Top Shelf as shown, using:  
(6) 1/4-20 x 3/4 Hex Head Screws  
(6) 1/4-20 E-Stop Nuts

**TORQUE SETTING:**  
Size – 1/4 = 7 – 9.5 Ft.-Lbs.



## JOINING MODULES

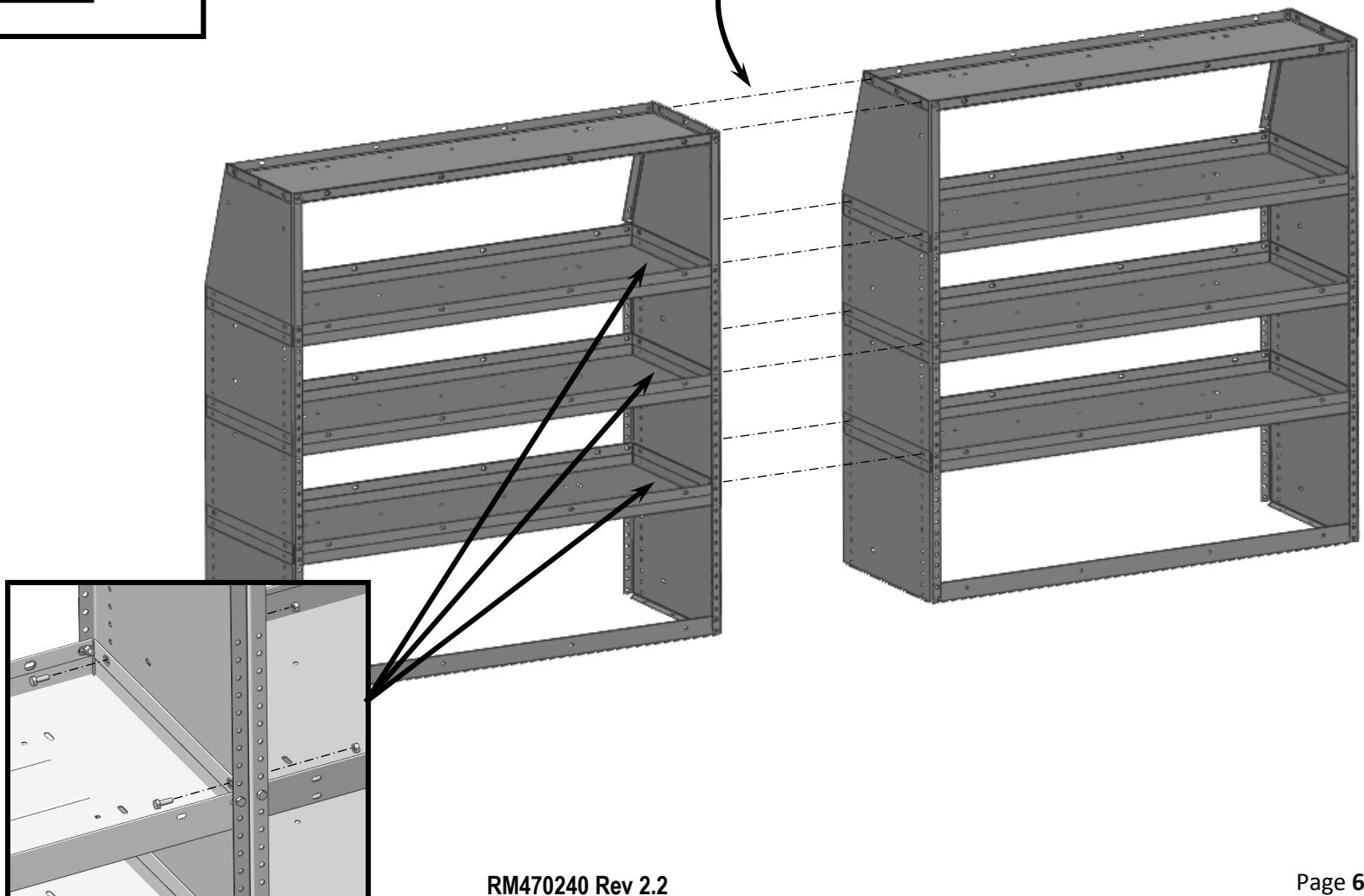
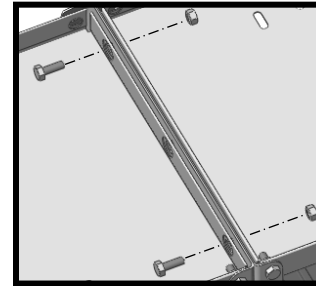
Join the assembled modules at the (4) shelf locations using:

(8) 1/4-20 x 3/4 Hex Head Screws

(8) 1/4-20 E-Stop Nuts

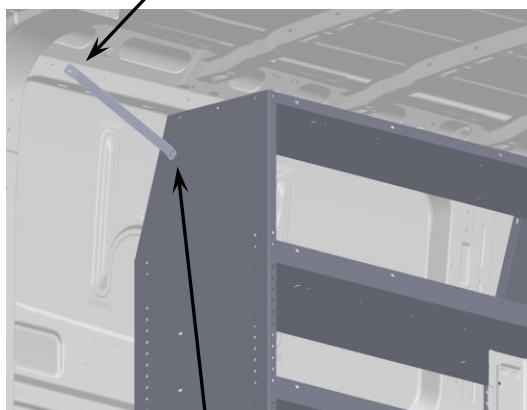
### **TORQUE SETTING:**

Size – 1/4 = 7 – 9.5 Ft.-Lbs.



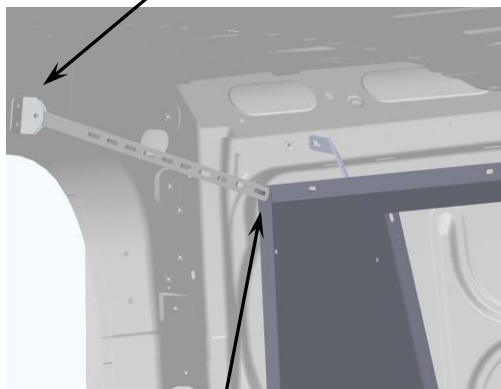
## STANDARD INSTALLATION

- Secure van wall using:  
(1) M8-1.25 HHC A2-SS Screw  
(1) 5/16 Lock Washer



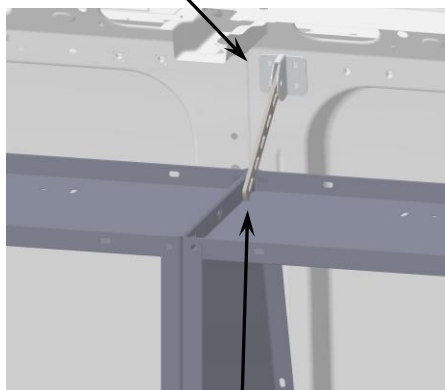
- Attach to Upright using:  
(1) 1/4-20 x 3/4 Hex Head Screw and  
(1) 1/4-20 E – Stop Nut

- With module properly positioned.  
Mark **(4)** mounting point locations, to install Plusnuts.  
(See pages 4, 7)



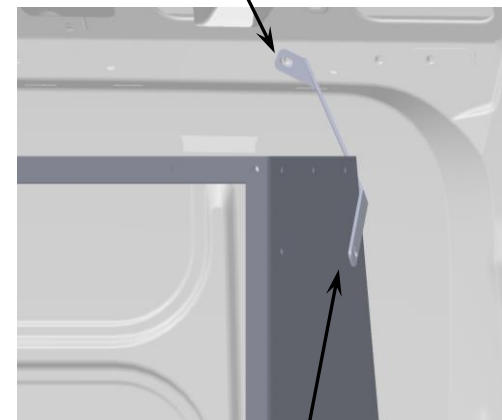
- Attach to Upright using:  
(1) 1/4-20 x 3/4 Hex Head Screw and  
(1) 1/4-20 E – Stop Nut

- With module properly positioned.  
Mark **(4)** mounting point locations, to install Plusnuts.  
(See pages 4, 7)

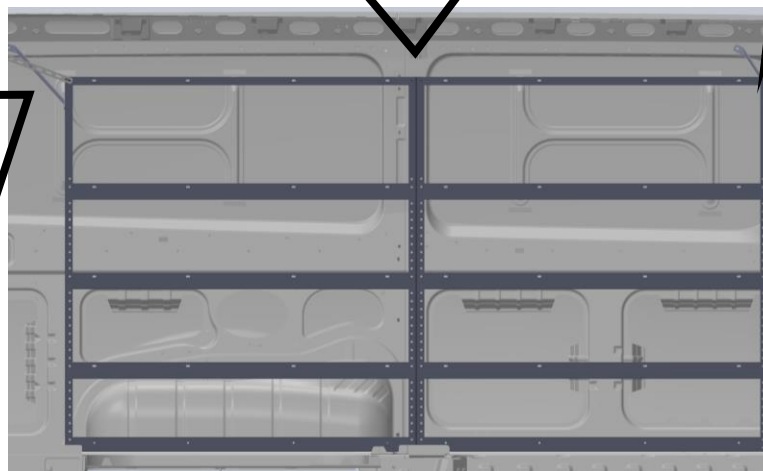


- Attach to Upright using:  
(1) 1/4-20 x 3/4 Hex Head Screw and  
(1) 1/4-20 E – Stop Nut

- Secure van wall using:  
(1) M8-1.25 HHC A2-SS Screw  
(1) 5/16 Lock Washer



- Attach to Upright using:  
(1) 1/4-20 x 3/4 Hex Head Screw and  
(1) 1/4-20 E – Stop Nut



## STREETSIDE MODULE

**TORQUE SETTING:**  
Size – 1/4 = 7 – 9.5 Ft.-Lbs.

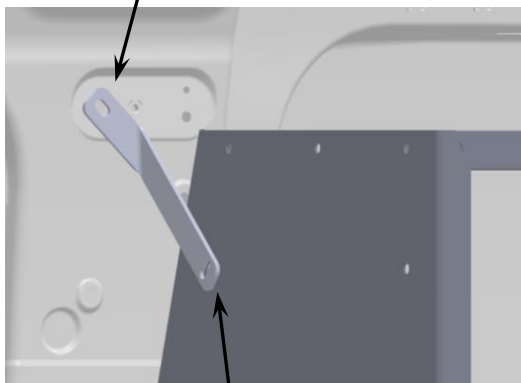
**TORQUE SETTING:**  
Size – M8 = 20 – 27 Ft.-Lbs.

## STANDARD INSTALLATION

Install Plusnut at this location (See Page 7)

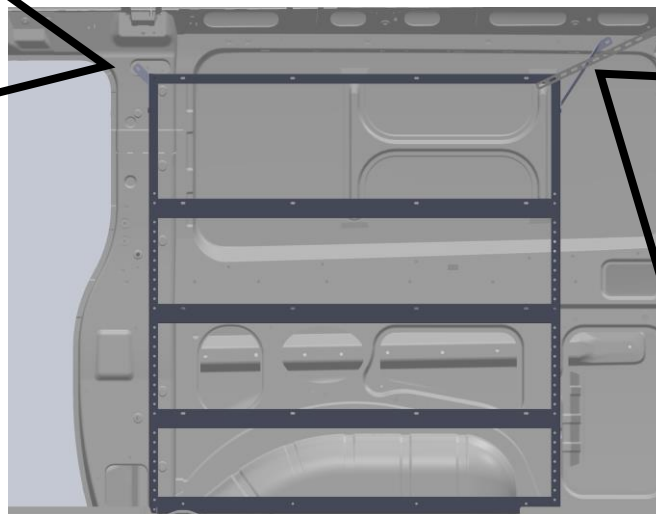
And secure at van wall using:

- (1) M8-1.25 HHC A2-SS Screw
- (1) 5/16 Lock Washer



Attach to Upright using:

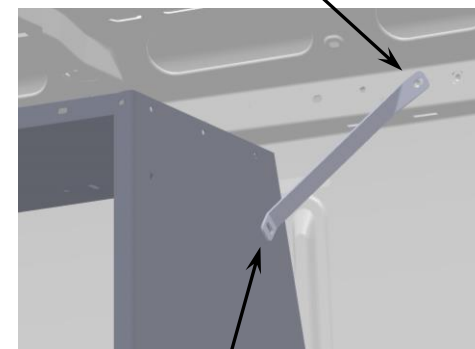
- (1) 1/4-20 x 3/4 Hex Head Screw and
- (1) 1/4-20 E – Stop Nut



## CURBSIDE MODULE

Secure van wall using:

- (1) M8-1.25 HHC A2-SS Screw
- (1) 5/16 Lock Washer



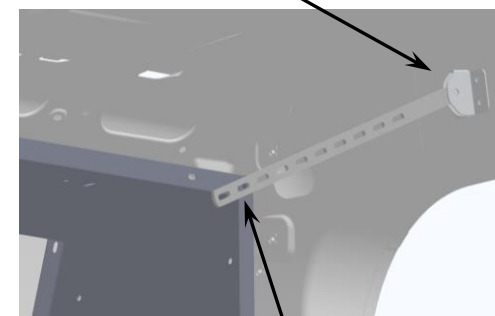
Attach to Upright using:

- (1) 1/4-20 x 3/4 Hex Head Screw and
- (1) 1/4-20 E – Stop Nut

With module properly positioned.

Mark **(4)** mounting point locations, to install Plusnuts.

(See pages 4, 7)



Attach to Upright using:

- (1) 1/4-20 x 3/4 Hex Head Screw and
- (1) 1/4-20 E – Stop Nut

### TORQUE SETTING:

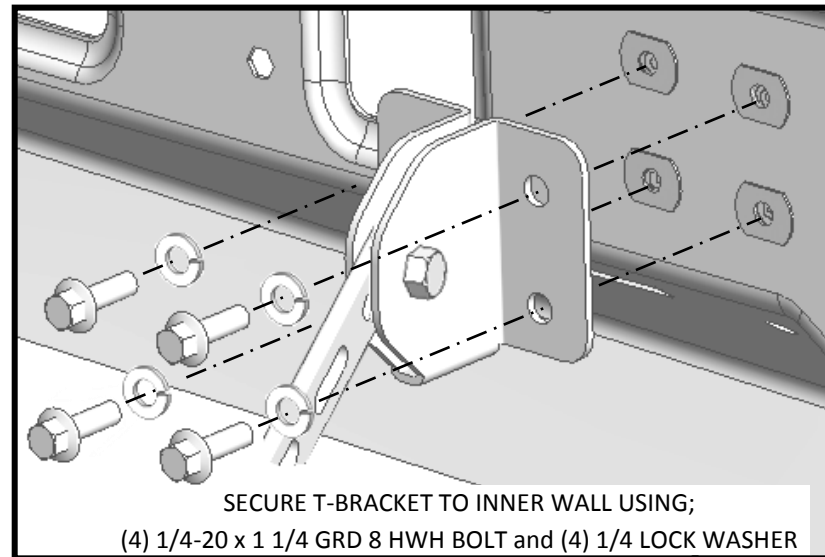
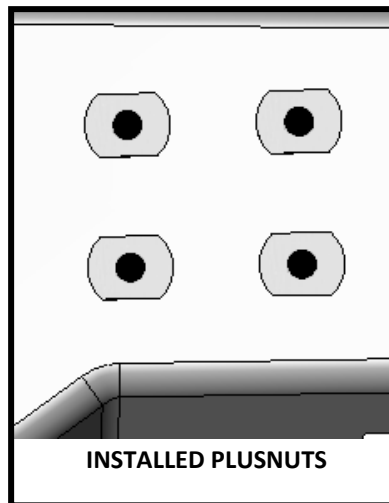
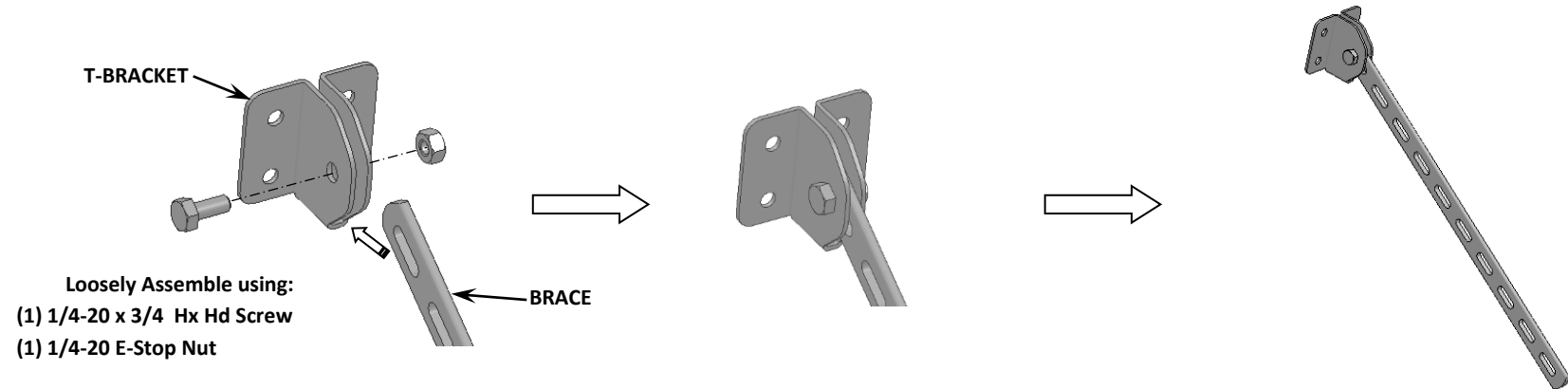
Size – 1/4 = 7 – 9.5 Ft.-Lbs.

### TORQUE SETTING:

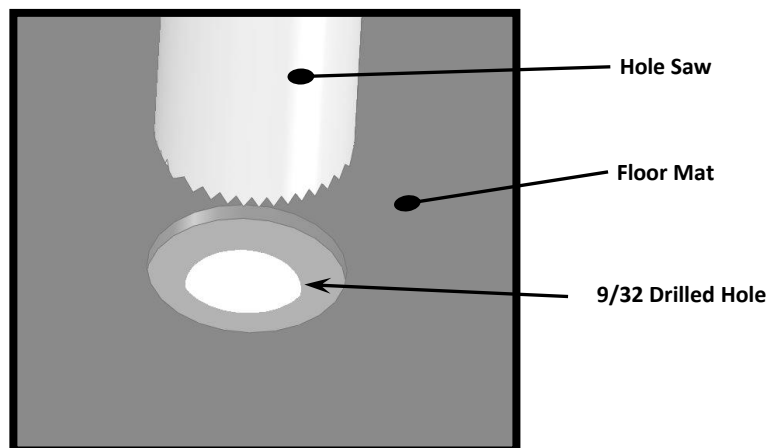
Size – M8 = 20 – 27 Ft.-Lbs.



## ASSEMBLING TOP MOUNTING BRACKETS

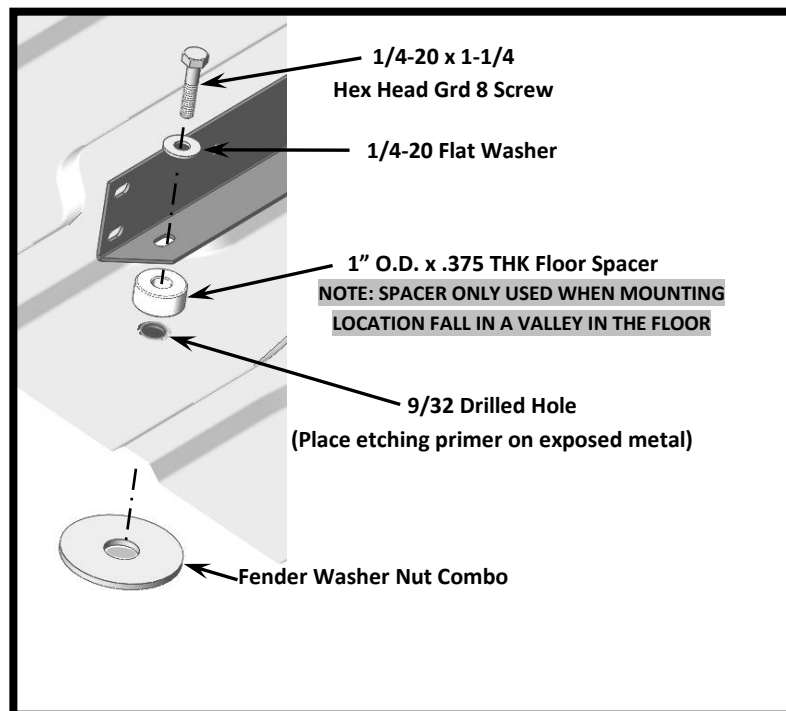


## STREET SIDE MODULE



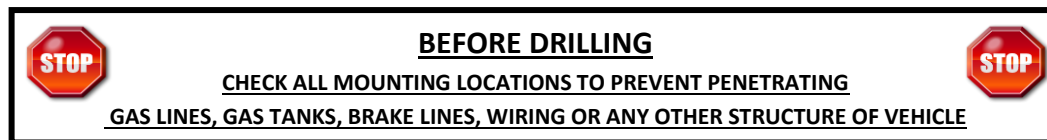
**NOTE:**

Using a 1-1/8" Hole Saw specially made for mat cutting, hole saw out all holes in the mat making sure to align hole saw with pre drilled holes. **Make sure not to drill through the metal floor of the van.** Once drilled clear out each area of excess debris

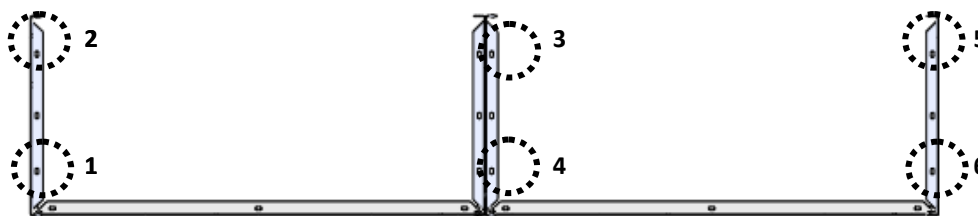


**MOUNTING THROUGH FLOOR**  
(WHERE SPACE PERMITS UNDER VEHICLE)

RM470240 Rev 2.2

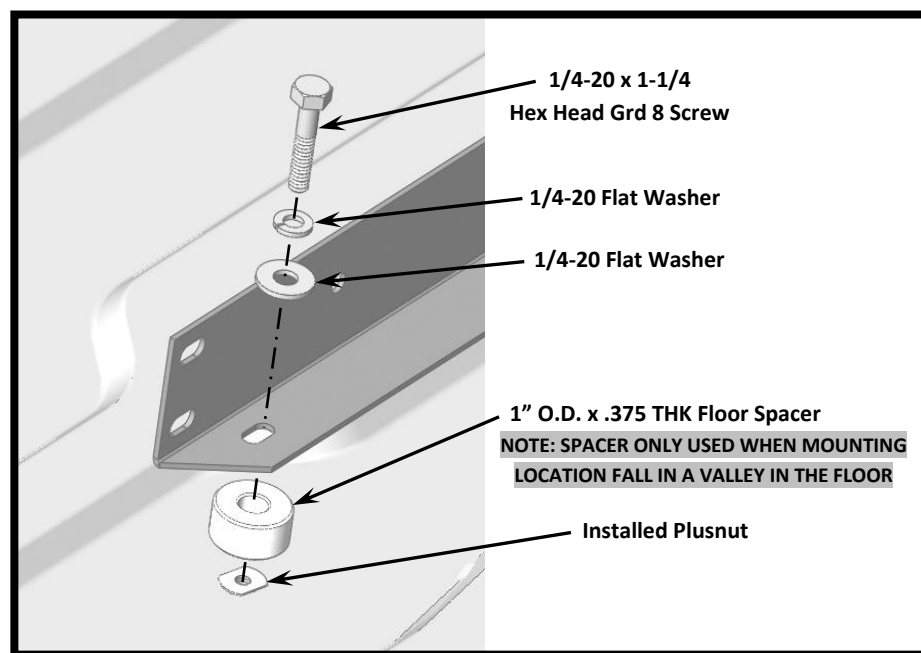


**6 MOUNTING LOCATIONS**



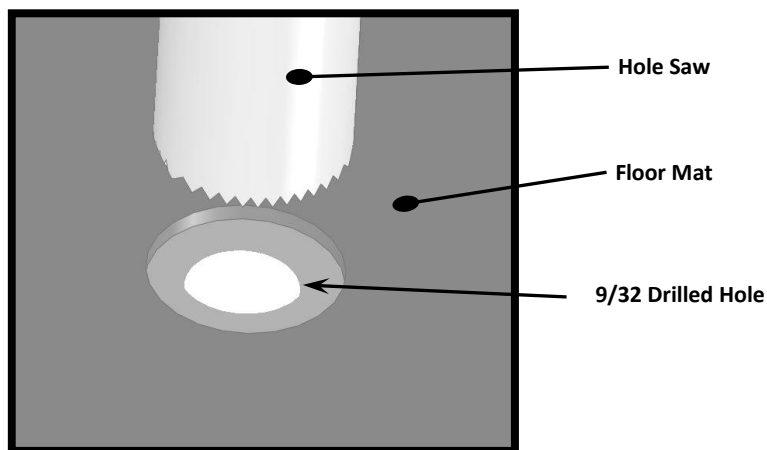
With module properly positioned attach module to floor of vehicle  
Using either method described below.

**NOTE: SPACER ONLY USED WHEN MOUNTING LOCATION FALL IN A VALLEY IN THE FLOOR**



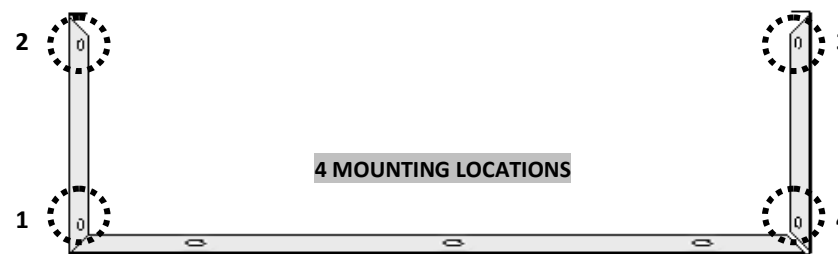
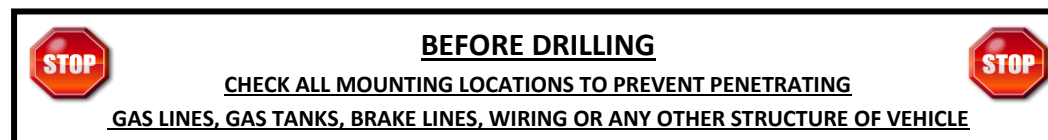
**MOUNTING WITH PLUSNUT**  
(LIMITED SPACE UNDER VEHICLE)

(SEE PAGE 7 FOR PLUSNUT INSTALLATION)



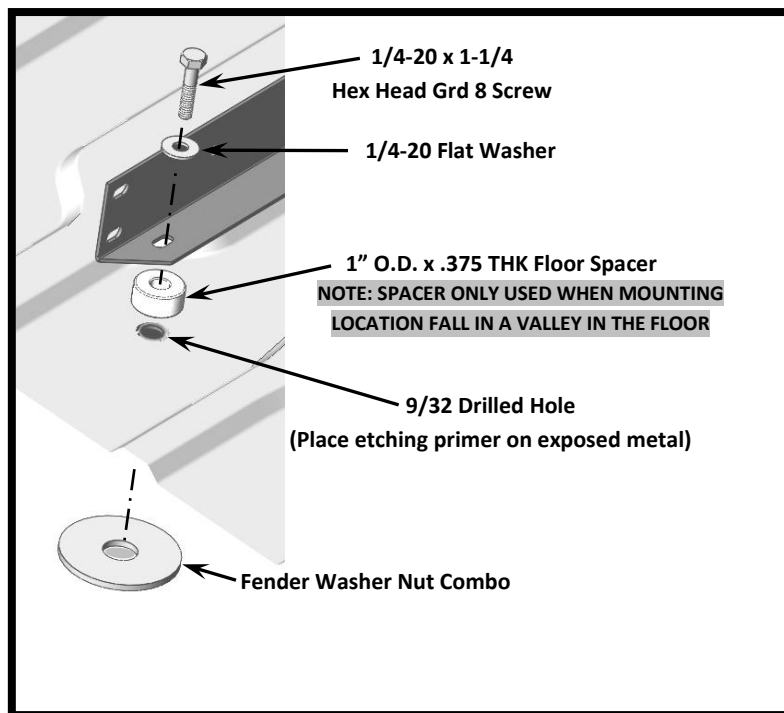
**NOTE:**

Using a 1-1/8" Hole Saw specially made for mat cutting, hole saw out all holes in the mat making sure to align hole saw with pre drilled holes. **Make sure not to drill through the metal floor of the van.** Once drilled clear out each area of excess debris

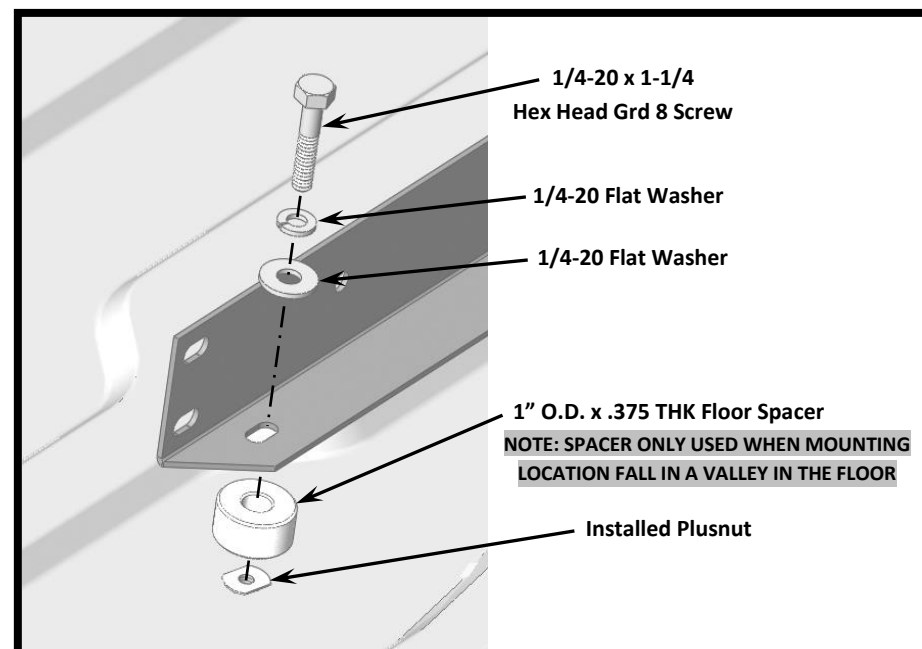


With module properly positioned attach module to floor of vehicle  
Using either method described below.

**NOTE: SPACER ONLY USED WHEN MOUNTING LOCATION FALL IN A VALLEY IN THE FLOOR**



**MOUNTING THROUGH FLOOR**  
(WHERE SPACE PERMITS UNDER VEHICLE)



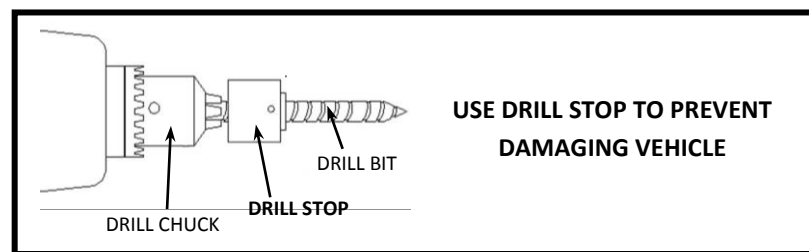
**MOUNTING WITH PLUSNUT**  
(LIMITED SPACE UNDER VEHICLE)  
(SEE PAGE 7 FOR PLUSNUT INSTALLATION)

STOP

**BEFORE DRILLING**

CHECK ALL MOUNTING LOCATIONS TO PREVENT PENETRATING  
GAS LINES, GAS TANKS, BRAKE LINES, WIRING OR ANY OTHER STRUCTURE OF VEHICLE

STOP



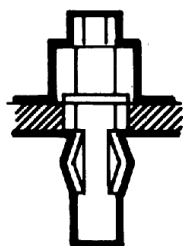
The Plusnut® is pre-bulbed for easy installation

1



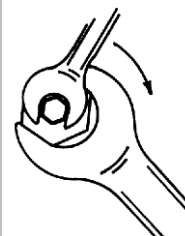
The Plusnut® is pre-assembled with hex cap and hex bolt.  
Then it is inserted into a pre-drilled hole

2



As the bolt is tightened, the Plusnut® upsets  
and provides outstanding  
blind fastening holding power

3



C-500 tool tightens bolt thru hex head cap into Plusnut® A  
ratchet, open-end or closed –end wrench can be used.

4



Fully upset Plusnut® provides  
a reliable nut plate for fastening.

5

### CHECK EACH BOLT LOCATION

to ensure they are tightened to the specified  
torque setting.



### TORQUE SETTING:

Size – 1/4 GRD 5 = 7- 9.6 Ft.-Lbs.

Size – 1/4 GRD 8 = 10- 13.5 Ft.-Lbs.

### 3 Year / 36,000 Mile Limited Warranty

MASTERACK® commercial van and pickup equipment is warranted to be from defects in material and workmanship, under normal use and service for a period of one (1) year from date of purchase. Factory installations, and products installed in new vehicles by an authorized MASTERACK® installer are warranted for **(3) years or 36,000 miles (60,000 KM)**, whichever comes first. **This warranty covers only repairs, or at MASTERACKS' discretion, replacement to correct any defects related to materials and workmanship.**

#### **This warranty does not apply to:**

- Additions, alterations, or installations made by persons including dealers, other than MASTERACK® and its authorized distributors, made in accordance with MASTERACK® specifications and / or instructions, nor to defects arising out of attribute to such additions, alterations or installations.
- Defects attributable to abuse or misuse of the product, misapplication, negligent accident, modification or tampering.
- Damage resulting from failure to promptly notify and comply with the instructions of the dealer or manufacturer about defects when noted.
- Any incidental or consequential damages connected with a defect, either while under warranty or afterward, including the cost of a rental truck and / or loss or revenue.

**THE WARRANTY IS THE ONLY WARRANTY APPLICABLE TO A MASTERACK PRODUCT PURCHASE. ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. MASTERACK® AND ITS SUBSIDIARIES, SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF ANY BREACH OF THIS WARRANTY, NOR SHALL THE DAMAGES EXCEED THE RETURN AMOUNT OF THE PURCHASE PRICE PAID BY THE ORIGINAL PURCHASER.**

Warranty claims must be submitted to either your sales representative or a customer service representative at **1-800-222-8785**. The vehicle must be delivered to the original MASTERACK® authorized dealer for inspection and any warranty service. Any warranty service to be performed by a source other than MASTERACK® location or an approved MASTERACK® distributor must be authorized in advance of the repairs by the MASTERACK® Warranty Administrator and a purchase order issued by MASTERACK® in advance of repairs for the authorized repairs.