

**Recommended Tools**

Air or Hand Ratchet



7/16 Socket



7/16 and 3/4 Combo  
or Adjustable Wrench



Drill w/



9/32 & 25/64 Drill Bits

Torque Wrench



**Hardware**



1/4-20 x 3/4  
HWH Screw



1/4-20 x 3/4  
HWH Screw GRD 8



1/4-20 x 1 1/4  
HWH Screw GRD 8



1/4-20 x 3/4  
Carriage Bolt



1/4-20 x 2 1/2  
Hex Head Screw

**USED WITH PLUSNUT TOOL**



1/4-20 Plusnut  
(Pre Bulb)



Plusnut Tool



1/4-20  
E-Stop Nut



1/4  
Lock washer



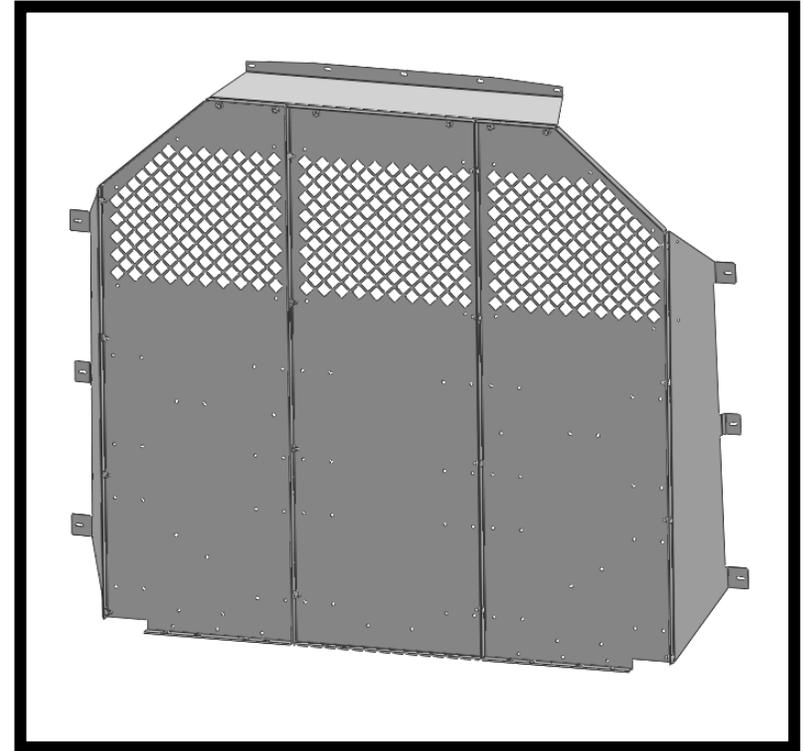
M8-1.25 x 30  
HHC A2-SS Screw



Spacer



5/16  
Lock washer



**NV STANDARD ROOF STEEL PARTION  
02E316KP**

**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.**

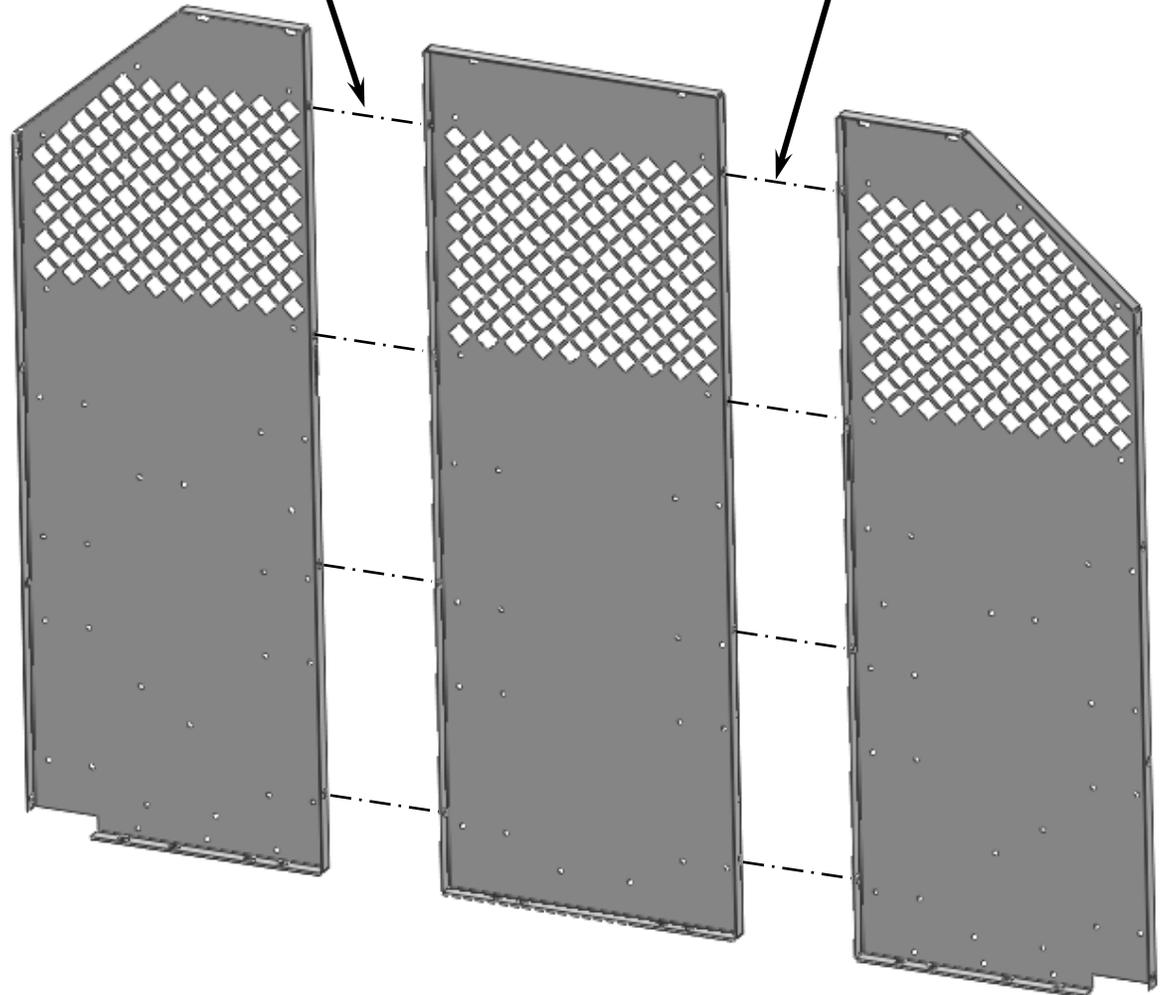
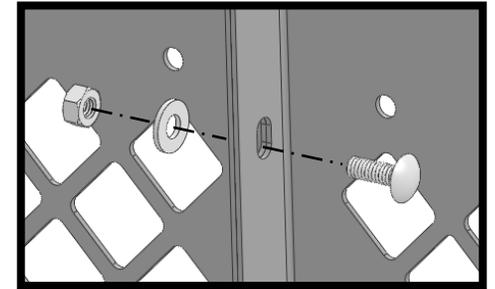
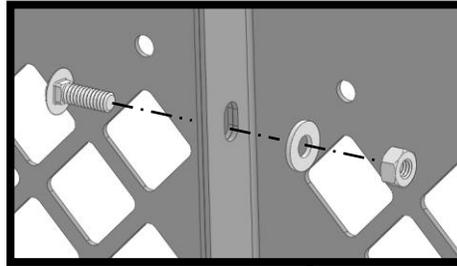
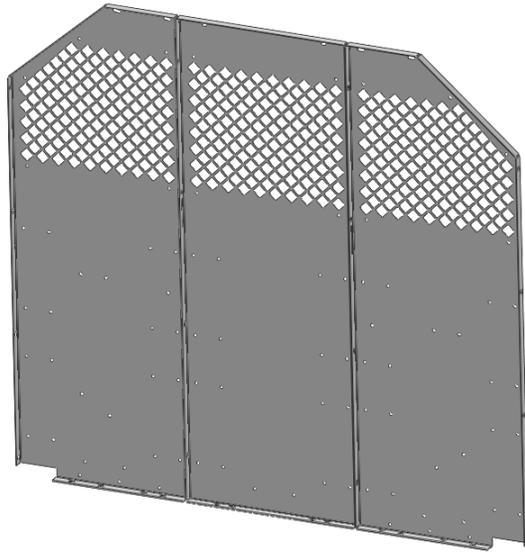
## ASSEMBLING LEFT, CENTER and RIGHT PANELS

Align holes in Panels as shown and secure using:

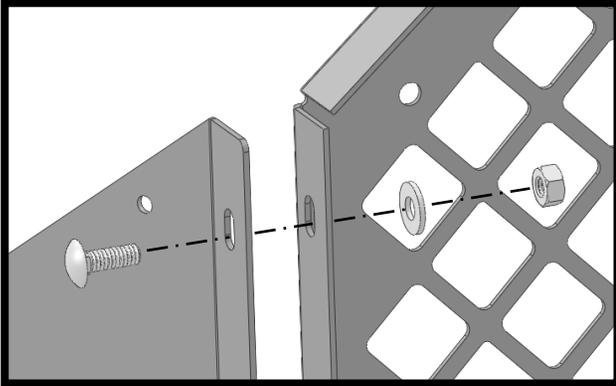
- (8) 1/4-20 x 3/4 Carriage Bolts
- (8) 1/4 Flat Washers
- (8) 1/4-20 E-Stop Nuts

**TORQUE SETTING:**

Size - 1/4 = 7 - 9.5 Ft.-Lbs.



## ATTACHING LEFT SIDE PANEL



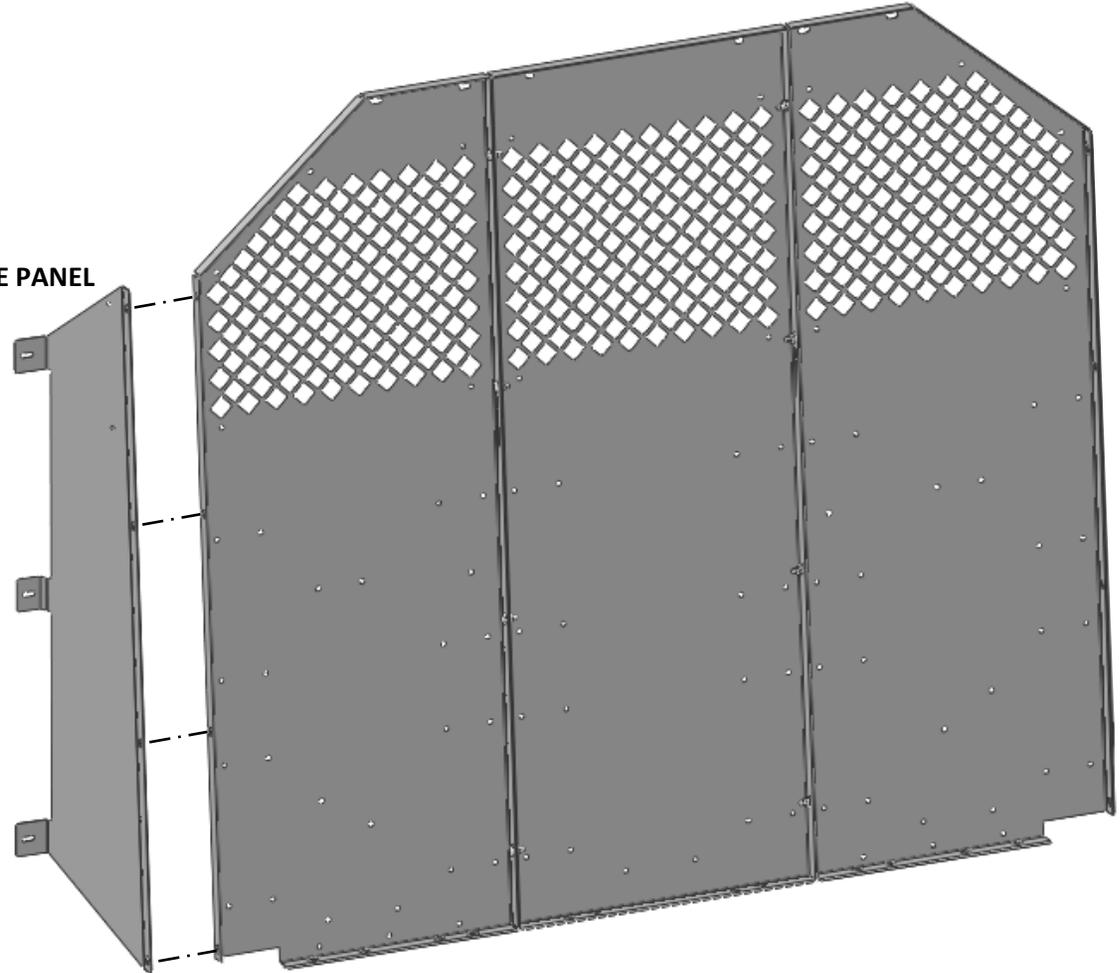
Align holes in Left Panel as shown and secure using:

- (4) 1/4-20 x 3/4 Carriage Bolts
- (4) 1/4 Flat Washers
- (4) 1/4-20 E-Stop Nuts

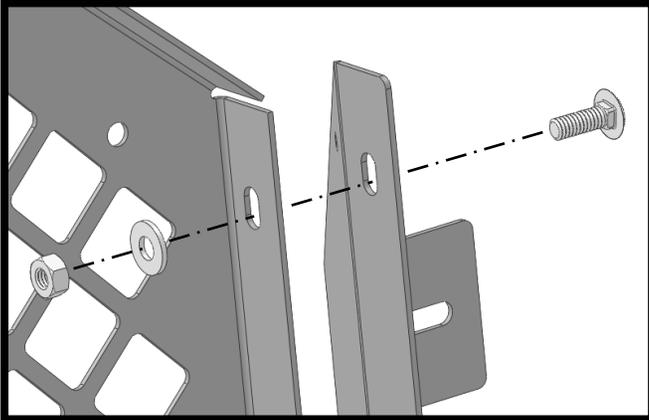
**TORQUE SETTING:**

Size - 1/4 = 7 - 9.5 Ft.-Lbs.

LEFT SIDE PANEL



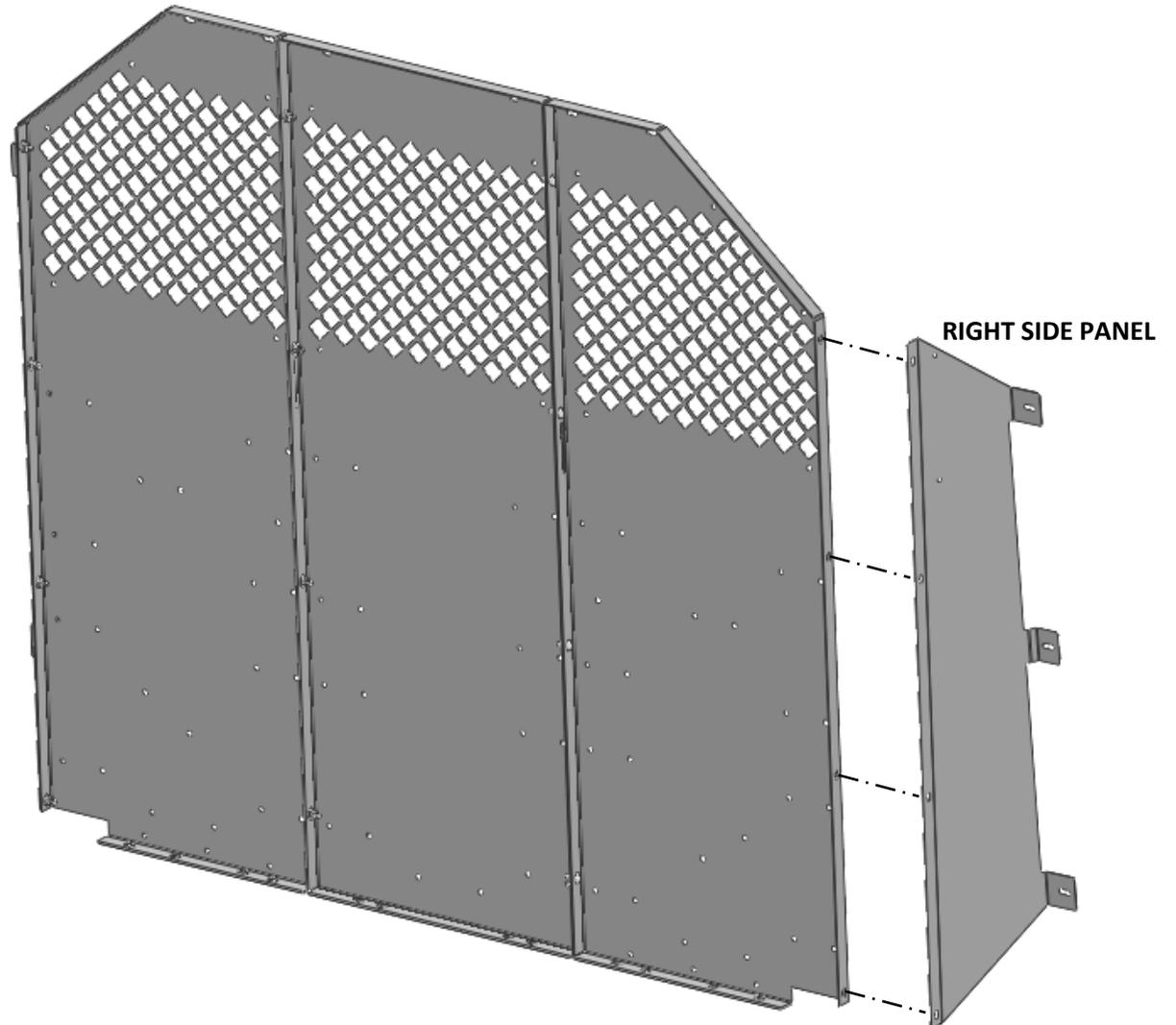
## ATTACHING RIGHT SIDE PANEL



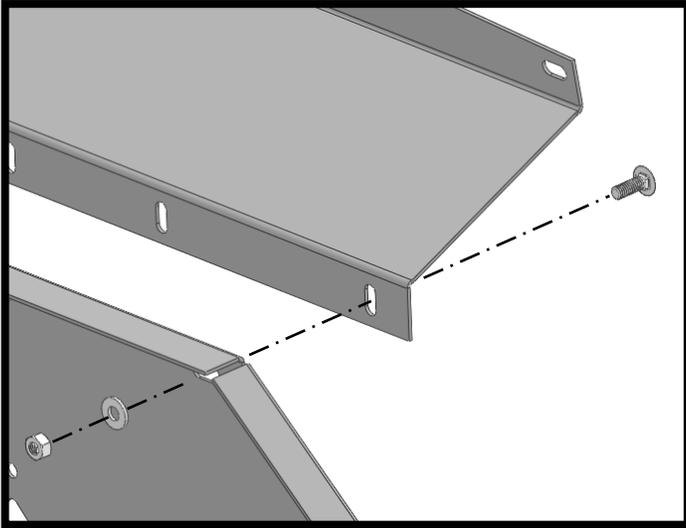
Align holes in Right Panel as shown and secure using:

- (4) 1/4-20 x 3/4 Carriage Bolts
- (4) 1/4 Flat Washers
- (4) 1/4-20 E-Stop Nuts

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



## ATTACHING TOP PANEL

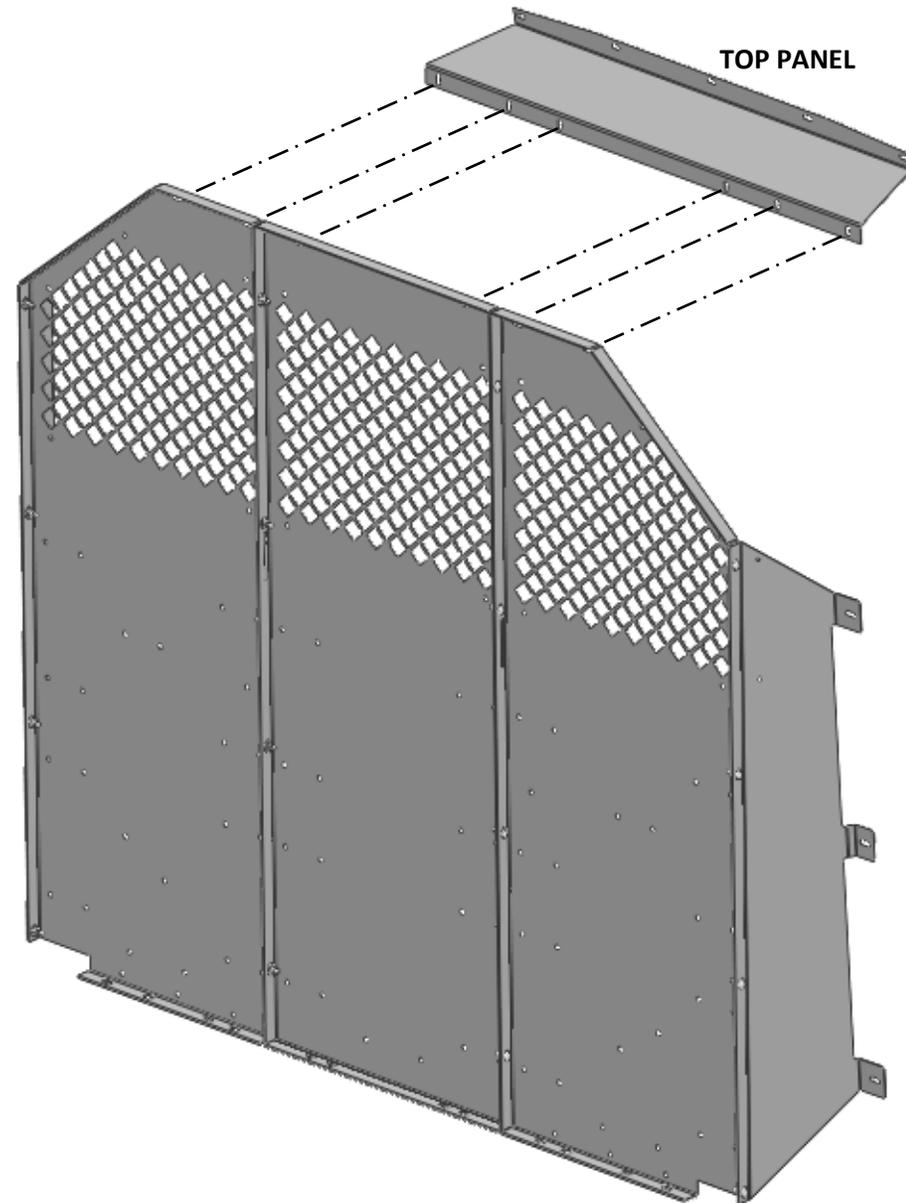


Align holes in Top Panel as shown  
and secure using:

- (6) 1/4-20 x 3/4 Carriage Bolts
- (6) 1/4 Flat Washers
- (6) 1/4-20 E-Stop Nuts

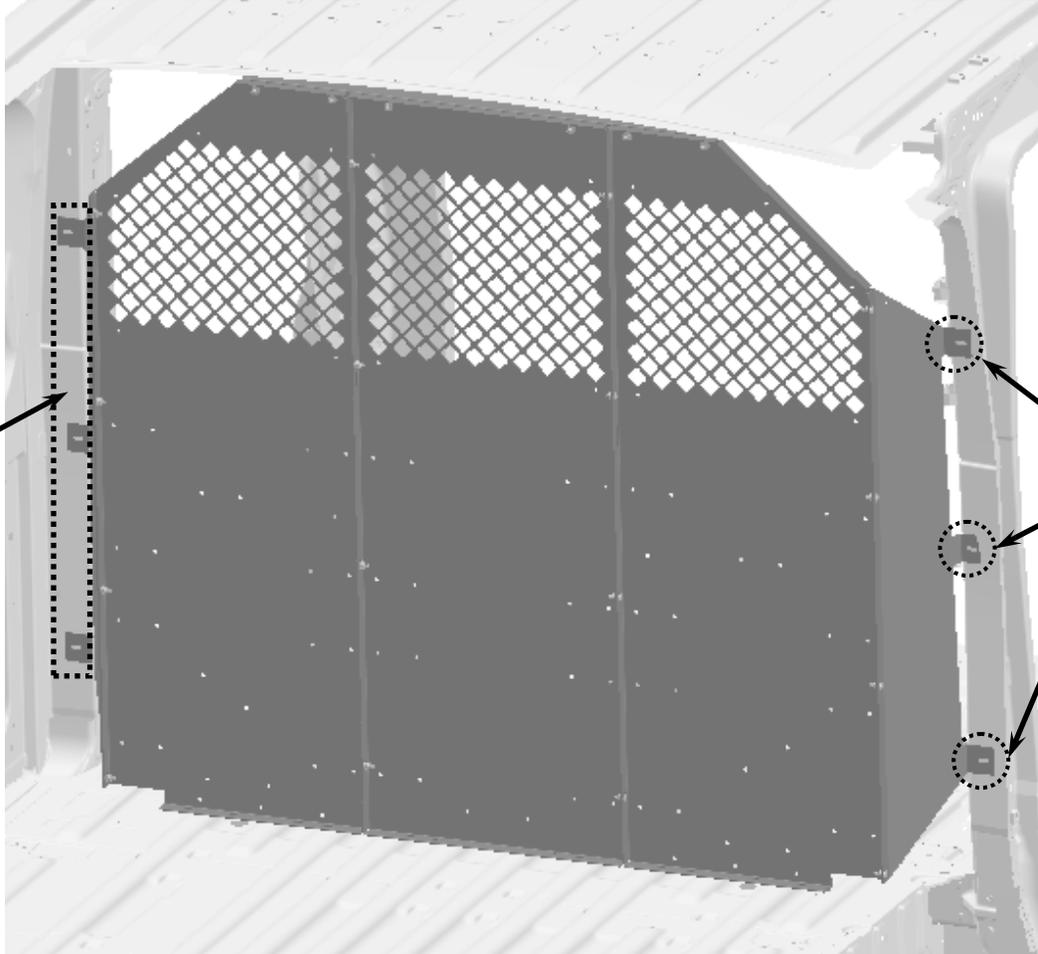
**TORQUE SETTING:**

Size - 1/4 = 7 - 9.5 Ft.-Lbs.

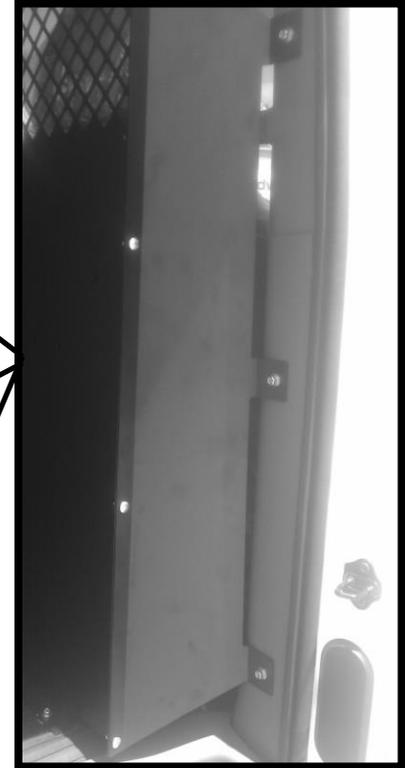


# PREPARING B-PILLAR TRIM

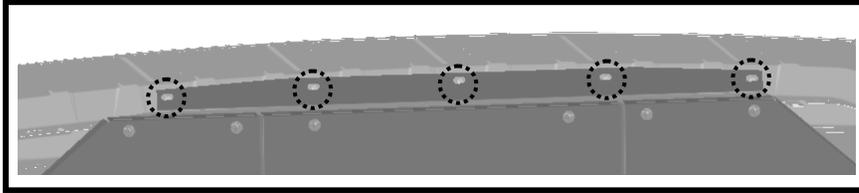
Remove  
This face of B-Pillar Trim



Using a Hole Saw Cut  
B-Pillar Trim @ Mounting Points

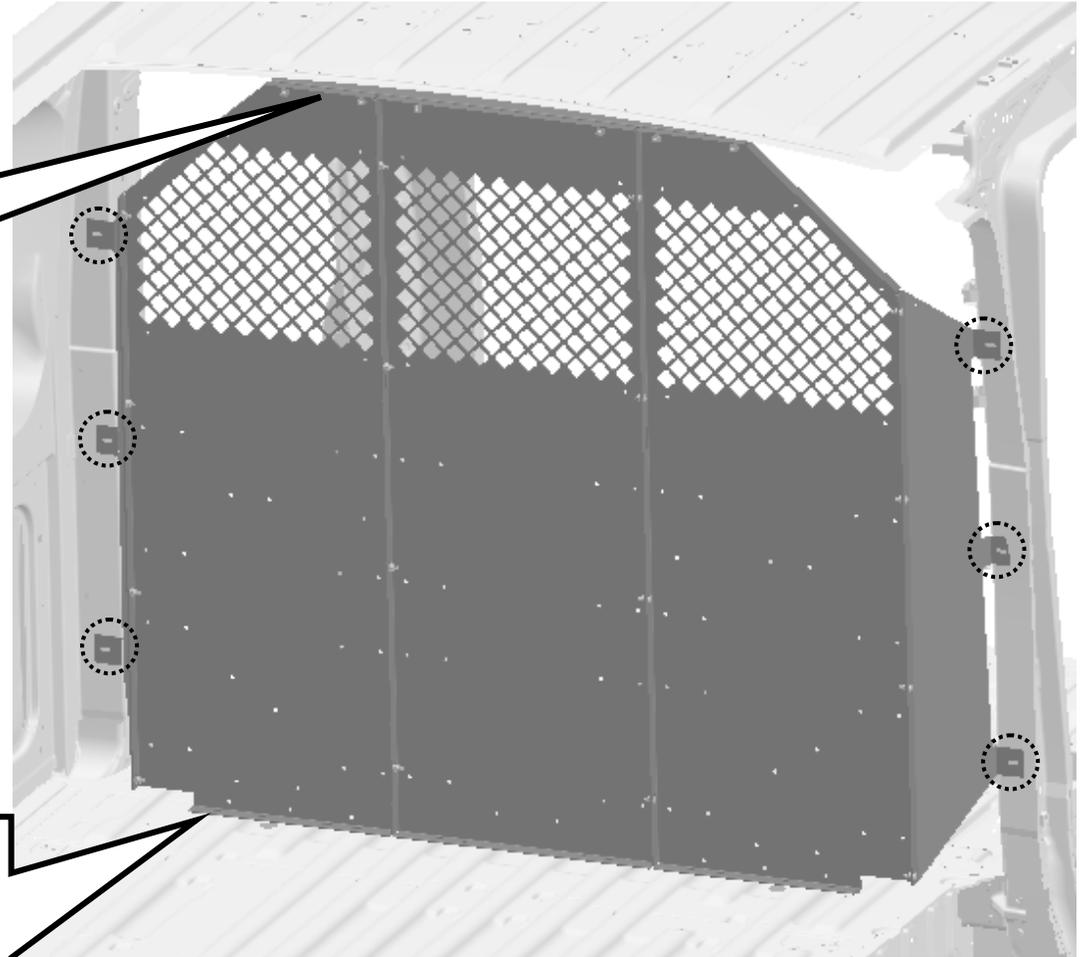


## MOUNTING LOCATIONS

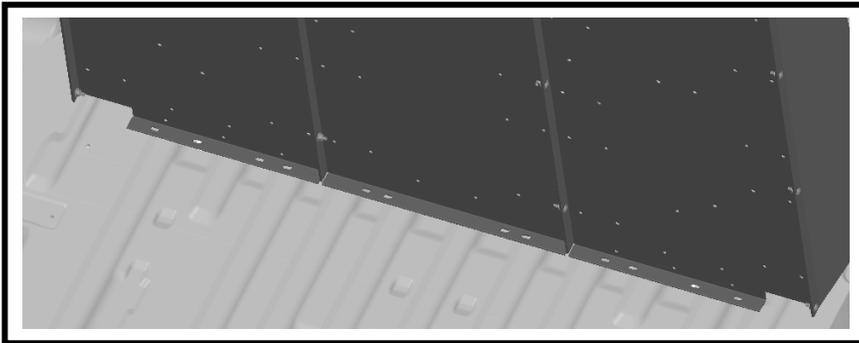


Secure top of Partition using:  
(5) M8-1.25 x 30 HHC A2-SS Screw  
(5) 5/16 Lock Washer and (5) Spacers

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



**TORQUE SETTING:**  
Size – 5/16 = 31-42 Ft.-Lbs.



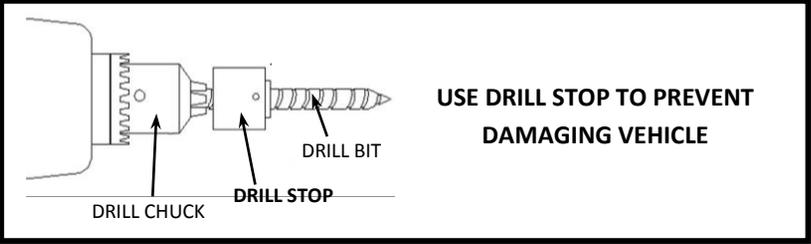
Mark (6) Mounting Hole locations [2 PER PANEL] and install Plusnuts (See Page 8)

And secure using:  
(6) 1/4-20 x 1 1/4 Screw  
(6) 1/4 Lock Washer and (6) Spacers

**BEFORE DRILLING**

**STOP**      **STOP**

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



The Plusnut® is pre-bulbed for easy installation

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

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

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

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

## 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 or repairs for the authorized repairs.