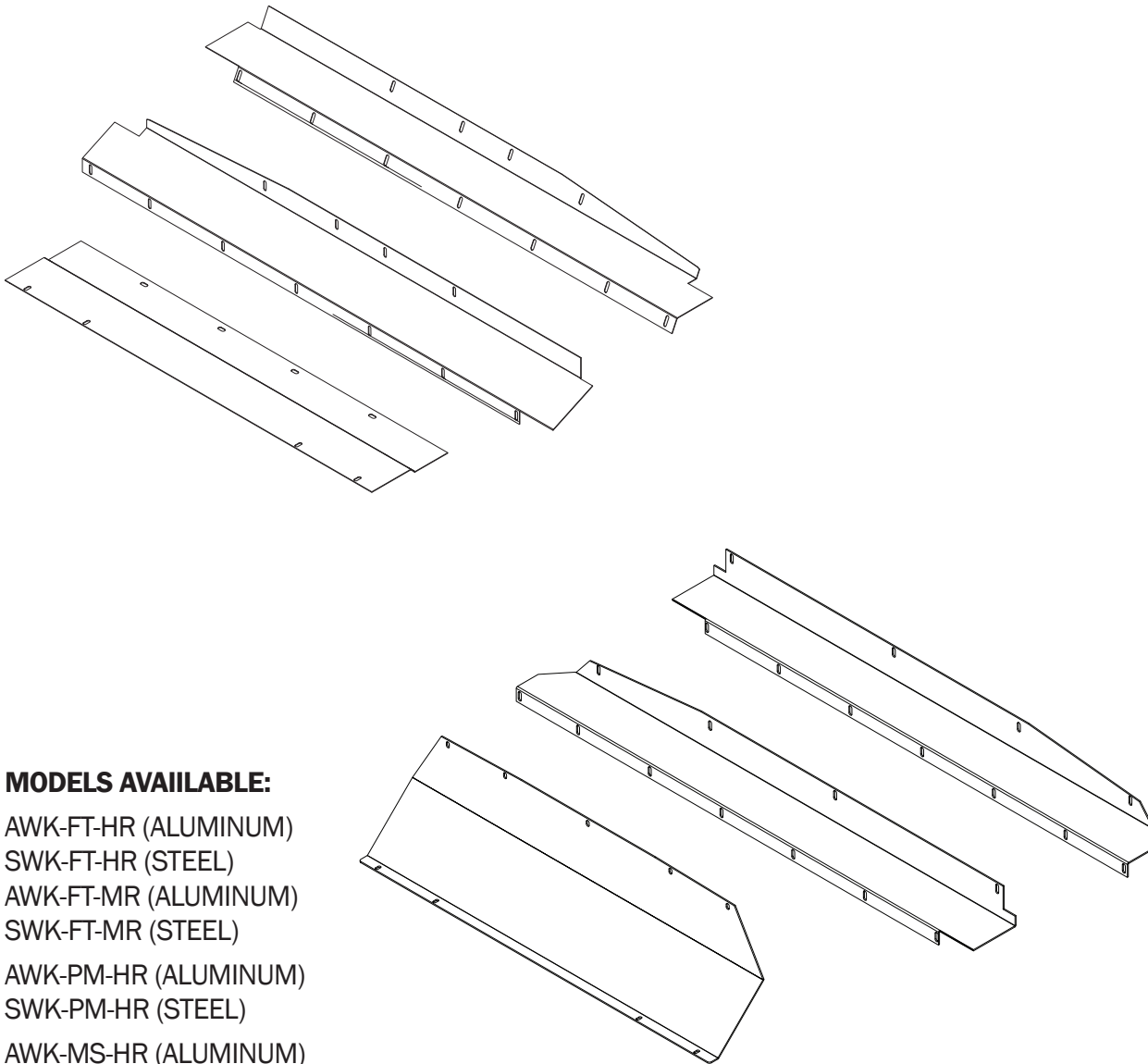


# PRIME DESIGN™

A Safe Fleet Brand



## MODELS AVAILABLE:

AWK-FT-HR (ALUMINUM)  
SWK-FT-HR (STEEL)  
AWK-FT-MR (ALUMINUM)  
SWK-FT-MR (STEEL)  
AWK-PM-HR (ALUMINUM)  
SWK-PM-HR (STEEL)  
AWK-MS-HR (ALUMINUM)  
SWK-MS-HR (STEEL)  
AWK-MS-STD (ALUMINUM)  
SWK-MS-STD (STEEL)

## MODULAR HEADER & SIDE WINGS ASSEMBLY FOR SLIDING DOOR

Pages 2-5	Packaging Contents
Page 6	Tool List and Plus Nut Application
Page 7	Wing Panel Assembly
Page 8	Latch Bracket & Catch Plates
Pages 9-17	Van Interior Installation
Page 17-18	Door Mounting
Page 18-19	Final Adjustments
Page 19	Final Instructions



2 Person Lift Recommended

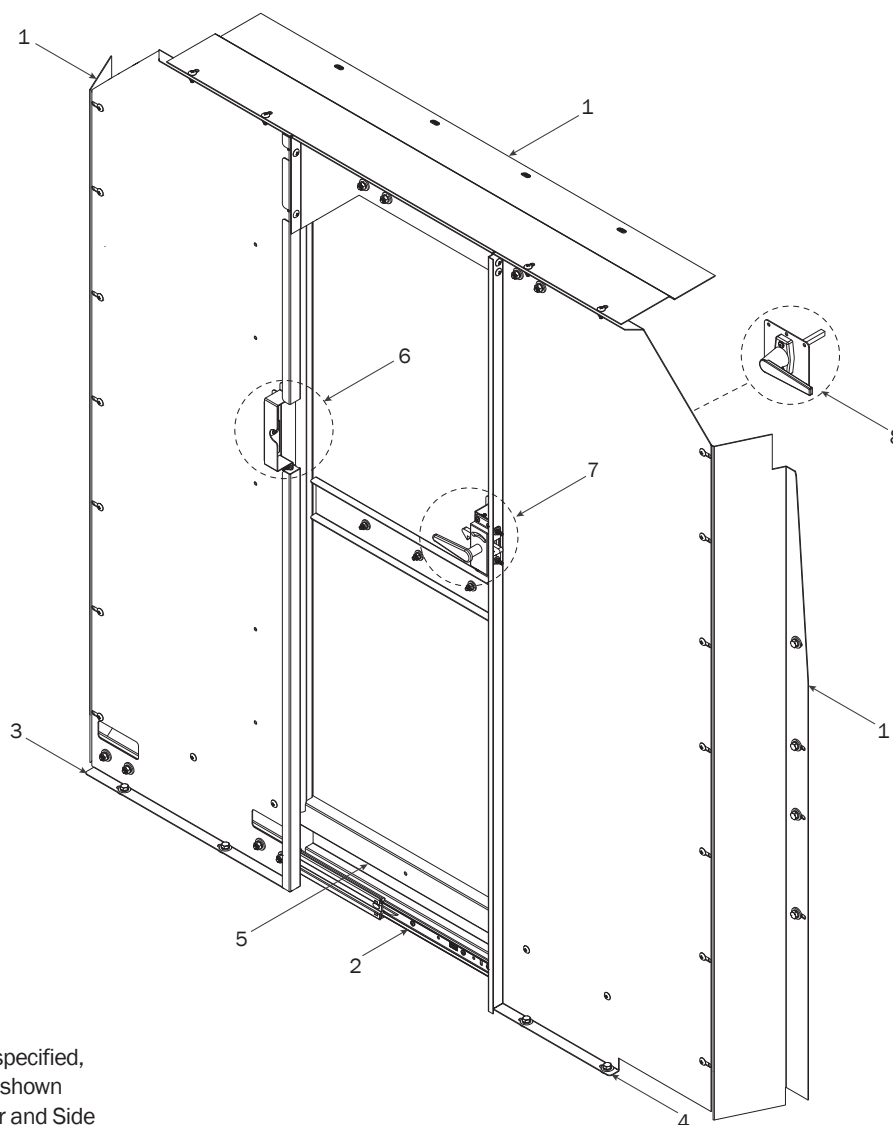
# AWK/SWK-M

PRIME DESIGN, A SAFE FLEET BRAND

Address: 580 Opperman Drive, Eagan, MN 55123 • Toll Free: 1.8.PRIME.RACK

Fax: 651-552-1799 • Email: [info@primedesign.net](mailto:info@primedesign.net) • Website: [www.primedesign.net](http://www.primedesign.net)

## CONFIGURED PRODUCT OVERVIEW



NOTE: Unless otherwise specified, Assembly Instructions are shown with the ProMaster Header and Side Wing configuration for illustrative purposes only.

Modular Cargo Van Sliding Partition Matrix

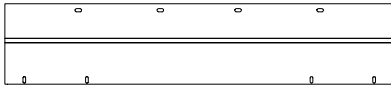
Full Van Layout Model Number	Vehicle	Roof Height	Material	Universal Sliding Door	Header and Side Wings
MSP-A125-FT-HR	Ford Transit	High	Aluminum	MSP-A125	AWK-FT-HR
MSP-A125-FT-MR	Ford Transit	Medium	Aluminum	MSP-A125	AWK-FT-MR
MSP-S16-FT-HR	Ford Transit	High	Steel	MSP-S16	SWK-FT-HR
MSP-S16-FT-MR	Ford Transit	Medium	Steel	MSP-S16	SWK-FT-MR
MSP-A125-PM-HR	RAM ProMaster	High	Aluminum	MSP-A125	AWK-PM-HR
MSP-S16-PM-HR	RAM ProMaster	High	Steel	MSP-S16	SWK-PM-HR
MSP-A125-MS-HR	Mercedes Sprinter	High	Aluminum	MSP-A125	AWK-MS-HR
MSP-A125-MS-STD	Mercedes Sprinter	Standard	Aluminum	MSP-A125	AWK-MS-STD
MSP-S16-MS-HR	Mercedes Sprinter	High	Steel	MSP-S16	SWK-MS-HR
MSP-S16-MS-STD	Mercedes Sprinter	Standard	Steel	MSP-S16	SWK-MS-STD

## 1-HEADER & SIDE WINGS ASSEMBLIES

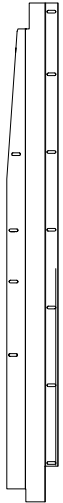
### PROMASTER HEADER & SIDE WINGS ASSEMBLY CONFIGURATION

AWK-PM-HR (ALUMINUM)  
SWK-PM-HR (STEEL)

Header Panel



Driver Side (DS)  
Wing Panel



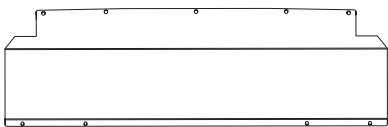
Passenger Side (PS)  
Wing Panel



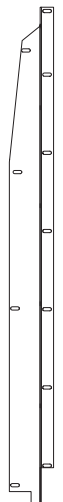
### SPRINTER HEADER & SIDE WINGS ASSEMBLY CONFIGURATIONS

AWK-MS-HR (ALUMINUM)  
SWK-MS-HR (STEEL)

Header Panel



Driver Side (DS)  
Wing Panel



Passenger Side (PS)  
Wing Panel

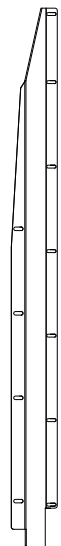


AWK-MS-STD (ALUMINUM)  
SWK-MS-STD (STEEL)

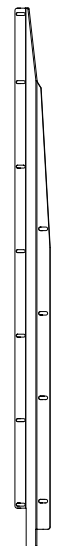
Header Panel



Driver Side (DS)  
Wing Panel

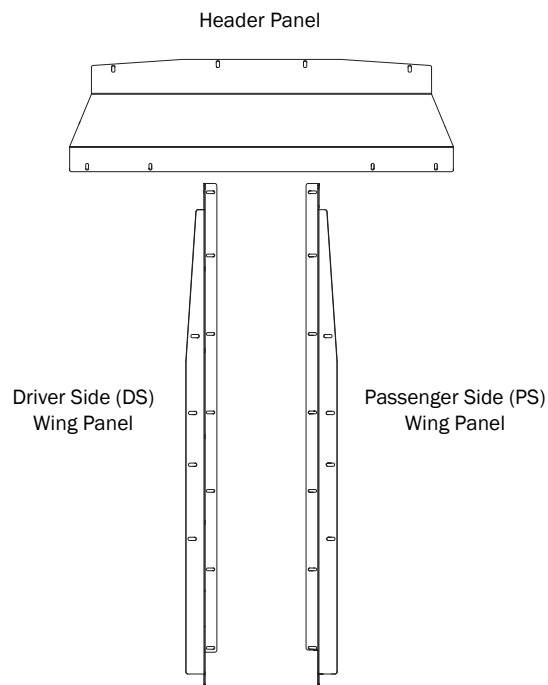


Passenger Side (PS)  
Wing Panel

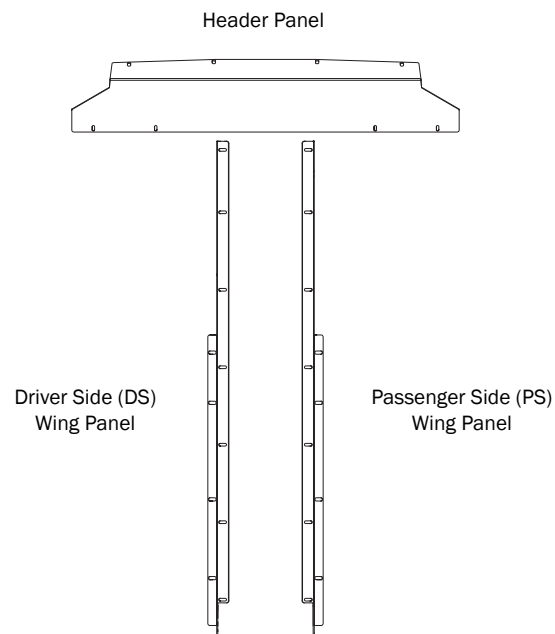


## FORD TRANSIT HEADER &amp; SIDE WINGS ASSEMBLY CONFIGURATIONS

AWK-FT-HR (ALUMINUM)  
SWK-FT-HR (STEEL)

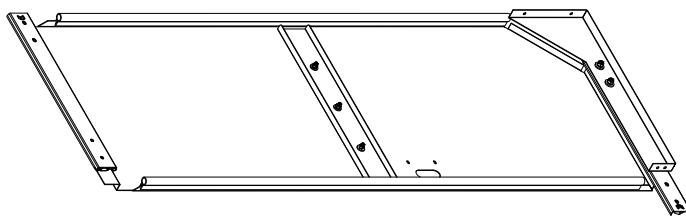


AWK-FT-MR (ALUMINUM)  
SWK-FT-MR (STEEL)

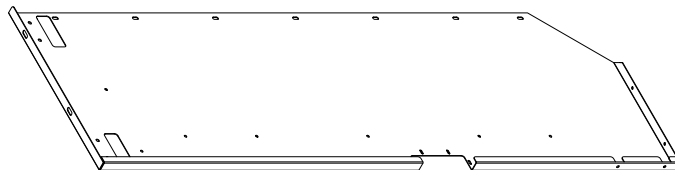
***REQUIRED UNIVERSAL DOOR ASSEMBLY (SOLD & PACKAGED SEPARATELY)***

MSP-A125 (ALUMINUM)  
MSP-S16 (STEEL)

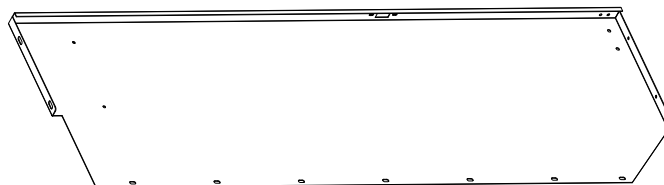
2—Door Assembly..... (Qty 1)



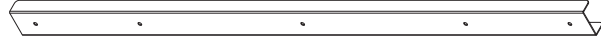
3—Side Panel Assembly..... (Qty 1)  
Driver Side (DS)



4—Side Panel Assembly..... (Qty 1)  
Passenger Side (PS)



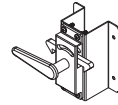
5—Align Bar ..... (Qty 1)



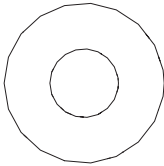
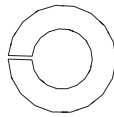
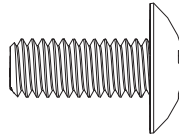
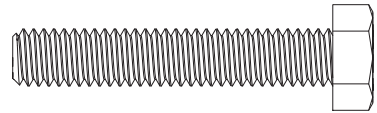
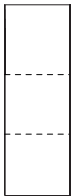
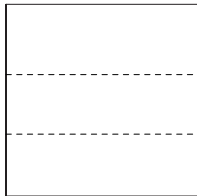
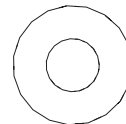
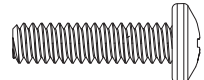
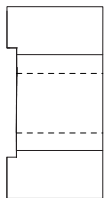
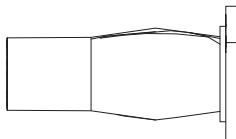
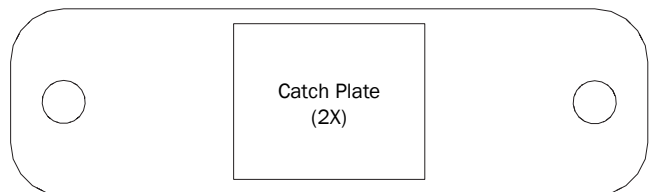
6—Latch Bracket ..... (Qty 1)



7—Cargo Side Door Latch ..... (Qty 1)



8—Cab Side Door Latch ..... (Qty 1)

8—Hardware ..... (Qty 1)  
(Not called out in Overview)5/16" Hex Nut  
(8X)5/16" Lock Washer  
(24X)5/16" Flat Washer  
(24X)5/16" - 18 x .75" Phillips  
Truss Head Bolt  
(8X)5/16" - 18 x 1.75" Hex  
Head Cap Screw  
(16X).375" Long Spacer  
(8X)1.00" Long Spacer  
(16X)1/4" Hex Nut  
(27X)1/4" Lock Washer  
(27X)1/4" Flat Washer  
(27X)1/4" Phillips Truss  
Head Screw  
(27X)#10 Hex Nut  
(28X)#10 Lock Washer  
(28X)#10 Flat Washer  
(28X)#10 - 24 x .75"  
Phillips Head Screw  
(28X)Plusnut Tool  
(1X)Plusnut  
(16X)Catch Plate  
(2X)

## TOOL LIST AND PLUS NUT APPLICATION



**INSTALLER NOTE:** ALWAYS check for clearance on the the vehicle before drilling any holes for the installation of any equipment. Look for any obstructions such as fuel tanks, fuel lines, brake lines, or electrical wiring and components. If any floor drill point is less than 2" from a fuel system component you should move it to another location or reverse the fastener so that the head is under the floor. Always drill with caution and use drill stops. Wear eye protection when drilling.

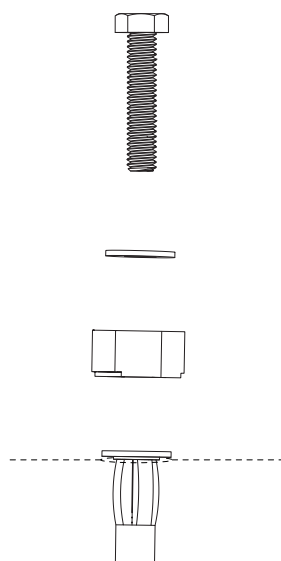
### TOOLS NEEDED:

- Safety glasses
- Windex/Spray Lubricant
- Battery or air drill & driver
- Metal Shears

- Adjustable wrench
- Phillips screwdriver
- $\frac{11}{32}$ ",  $\frac{7}{16}$ ",  $\frac{7}{8}$ ", and  $\frac{1}{2}$ " sockets or wrenches
- Small mallet
- Hammer
- Center Punch
- 1" Hole Saw (For RAM ProMaster only)

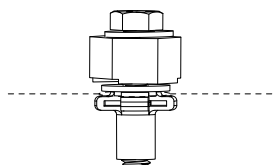
### HOW TO SET A PLUSNUT WITH THE PROVIDED PLUSNUT TOOL

- Lay out the holes with a marker where each Plusnut is to go and then drill the proper size hole in the sheet metal ( $\frac{1}{2}$ " diameter for this application).
- When you have a situation where placing a nut on a bolt is impossible, use the Plusnut blind fasteners. This blind fastening method is illustrated below with the optional Plusnut Tool.
- Make sure each Plusnut is set properly before installing the equipment.
- Insert the Plusnut into the hole and set it using the Plusnut Tool, a Flat Washer, and a 1.75" Hex Head Bolt. The bolt is used only to pull the backing of the Plusnut against the inaccessible side of the sheet metal.
- Remove the 1.75" Bolt and the Plusnut Tool. The Plusnut is ready to be used.
- If neither nut and bolt nor Plusnut fastening are possible, use sheet metal screws as a last resort.



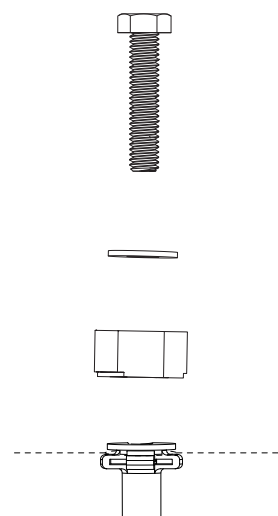
0.1

Assemble the Plusnut, Plusnut Tool, Flat Washer and 1.75" Hex Head Bolt and insert into  $\frac{1}{2}$ " hole as shown.



0.2

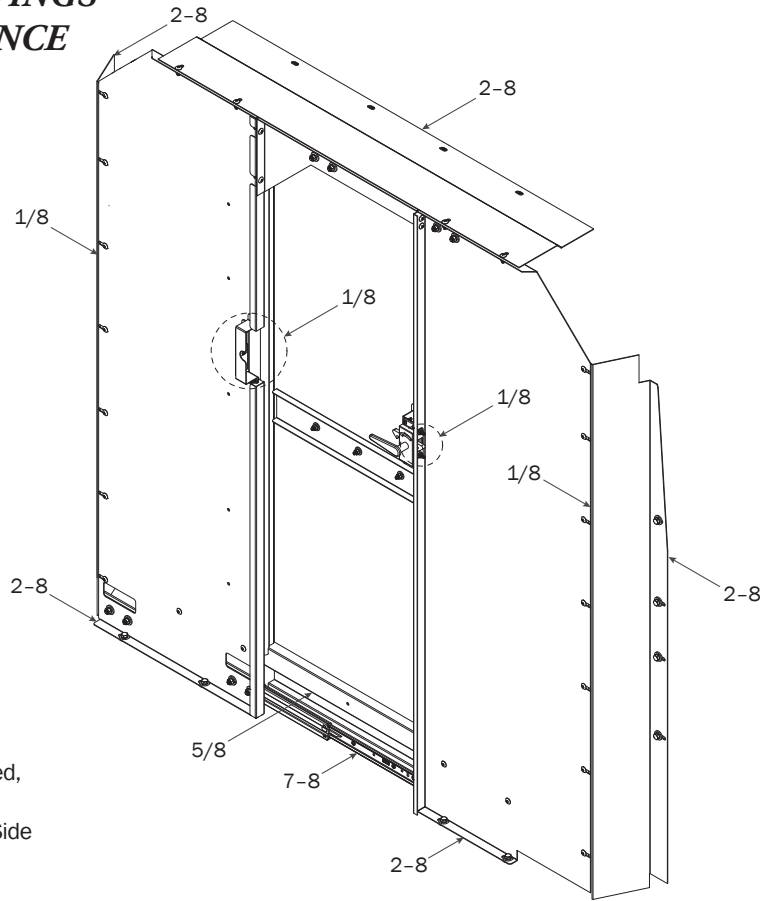
Use  $\frac{7}{8}$ " open end wrench to hold the Plusnut Tool and with  $\frac{1}{2}$ " wrench, tighten the Bolt until the Plusnut fastener collapses. Do not overtighten.



0.3

Remove the Bolt, Flat Washer, and Plusnut Tool. Install Fastening Hardware according to your Assembly Instruction sequence.

## HEADER & SIDE WINGS ASSEMBLY SEQUENCE



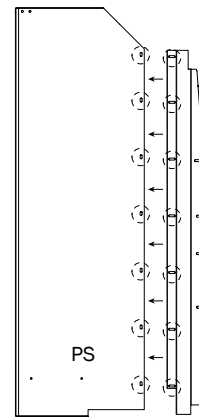
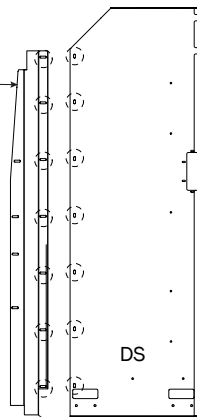
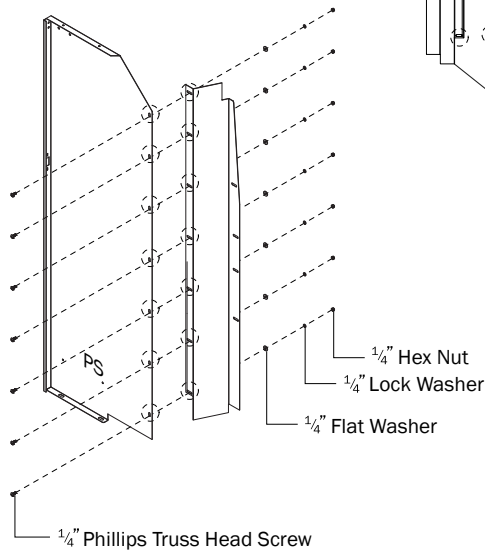
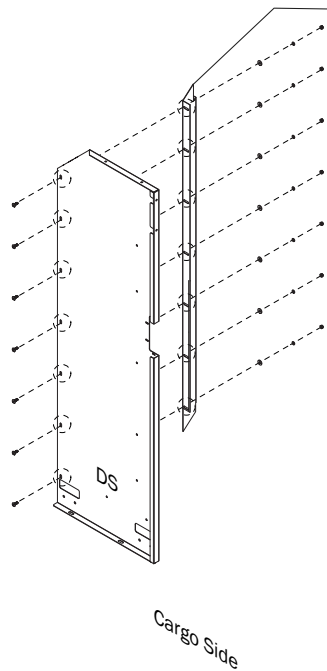
NOTE: Unless otherwise specified, Assembly Instructions are shown with the ProMaster Header and Side Wing configuration for illustrative purposes only.

## WING PANEL ASSEMBLY

**1.1**

Using Hardware as shown, align and install:

- The RH Wing Panel into the RH Side Panel
- The LH Wing Panel into the LH Side Panel.

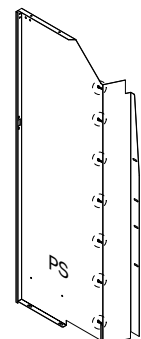
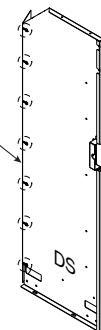


Align holes for Hardware  
Note Wing Panel orientation

Cargo Side

**1.2**

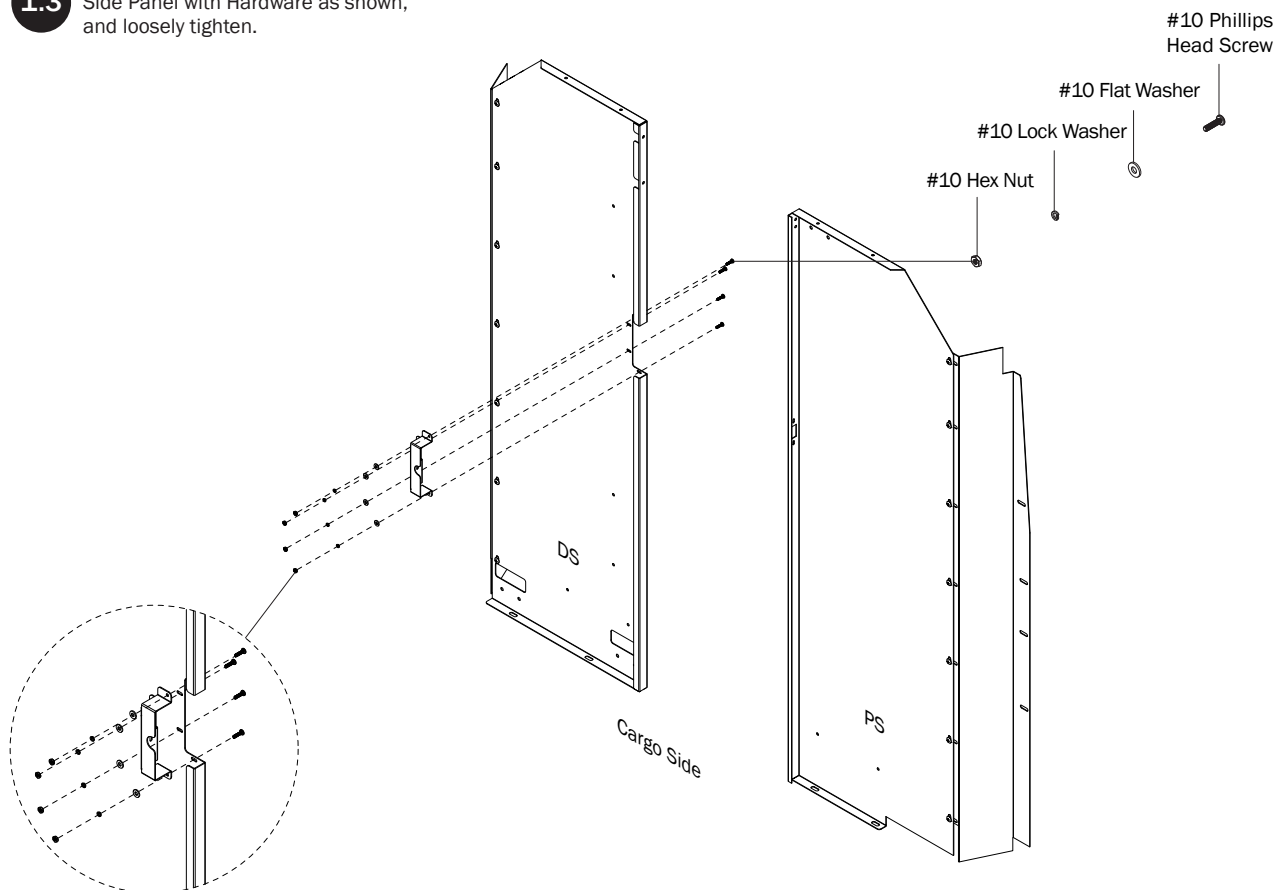
Loosely tighten Hardware.



Cargo Side

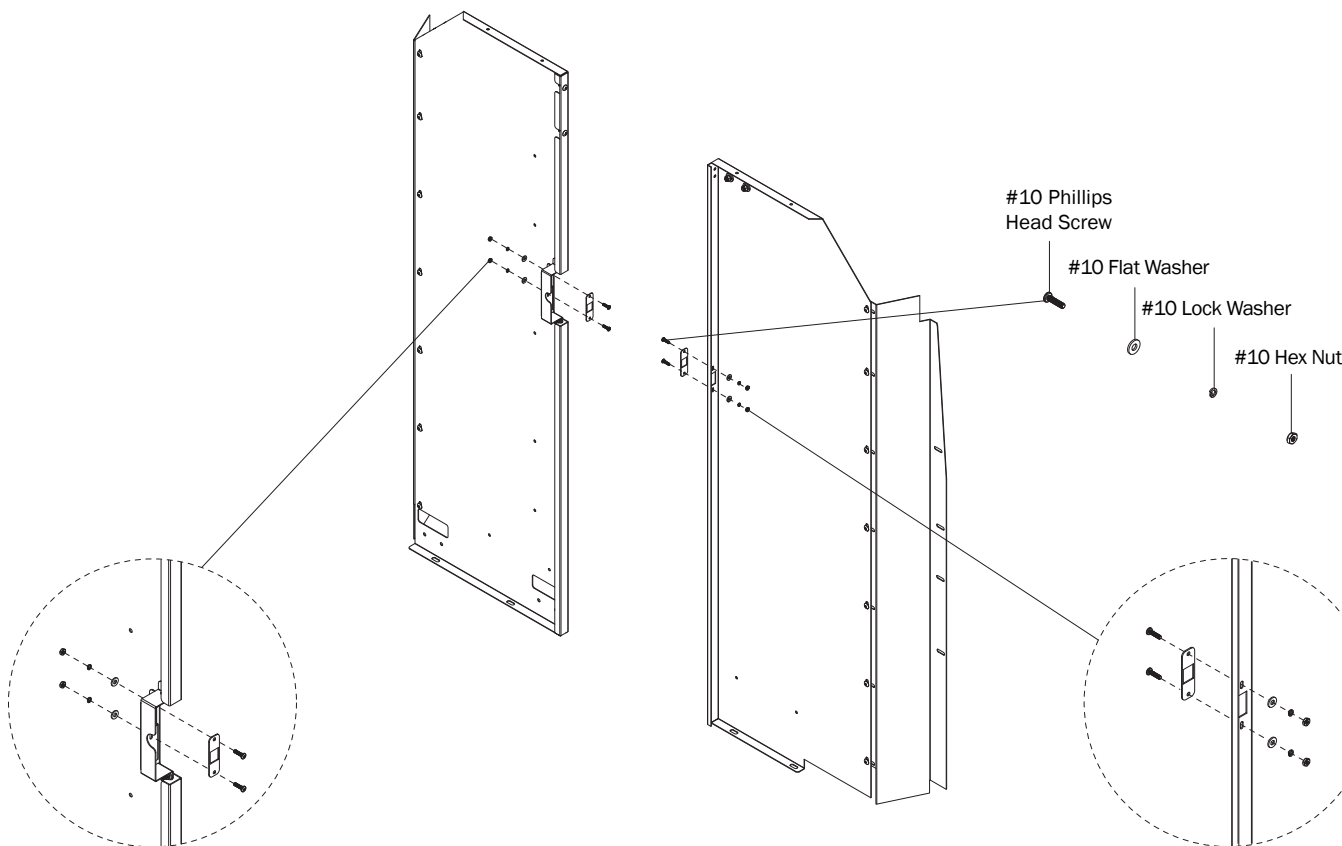
1.3

Fasten Latch Bracket to the Driver Side Side Panel with Hardware as shown, and loosely tighten.



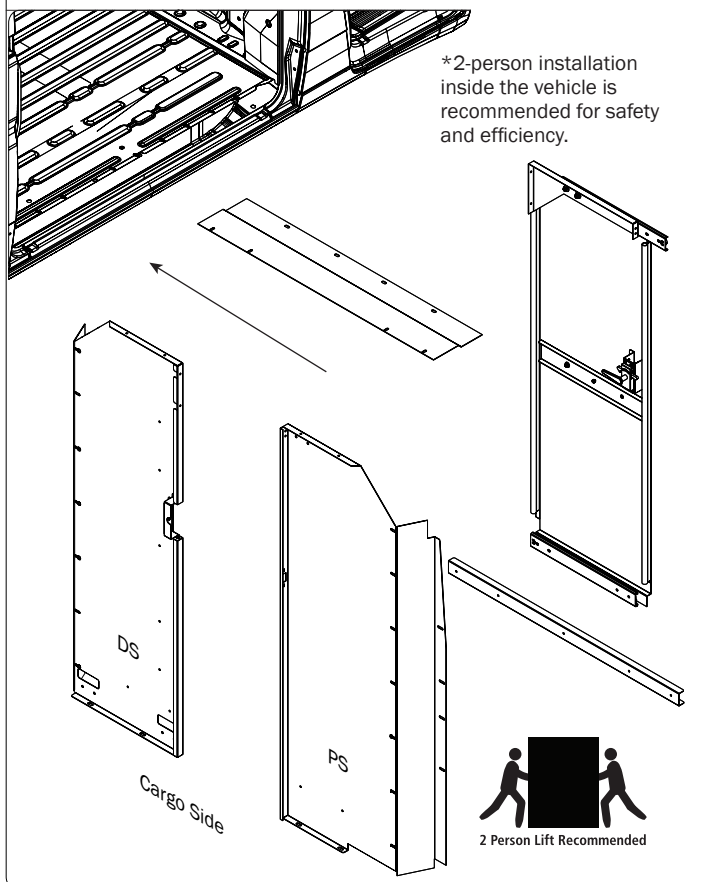
1.4

Fasten Catch Plates to the Side Panels with Hardware as shown, and loosely tighten.



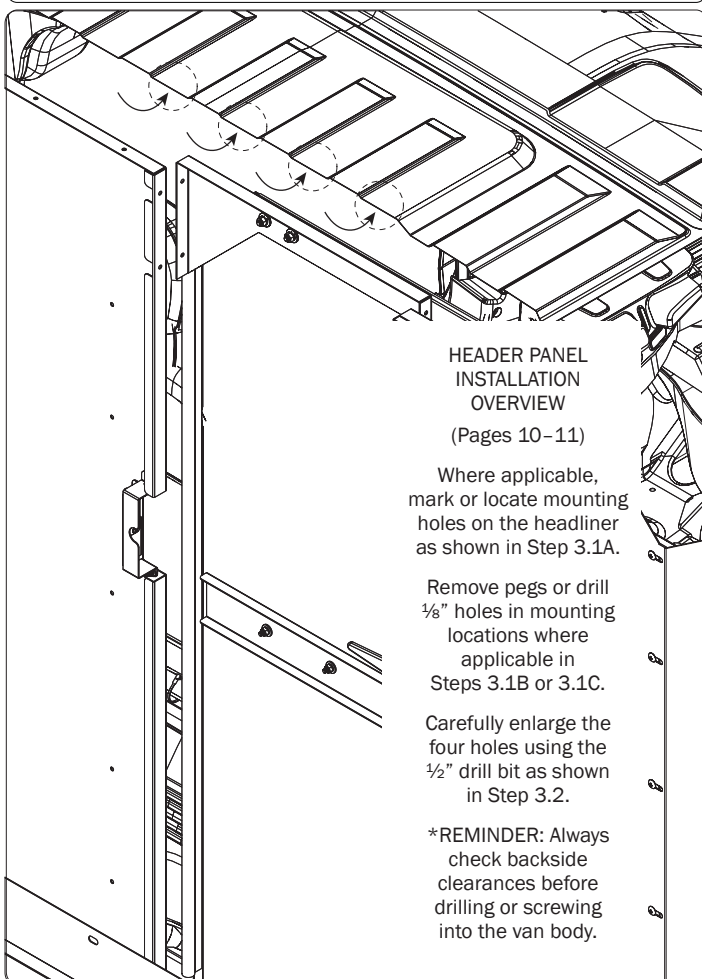
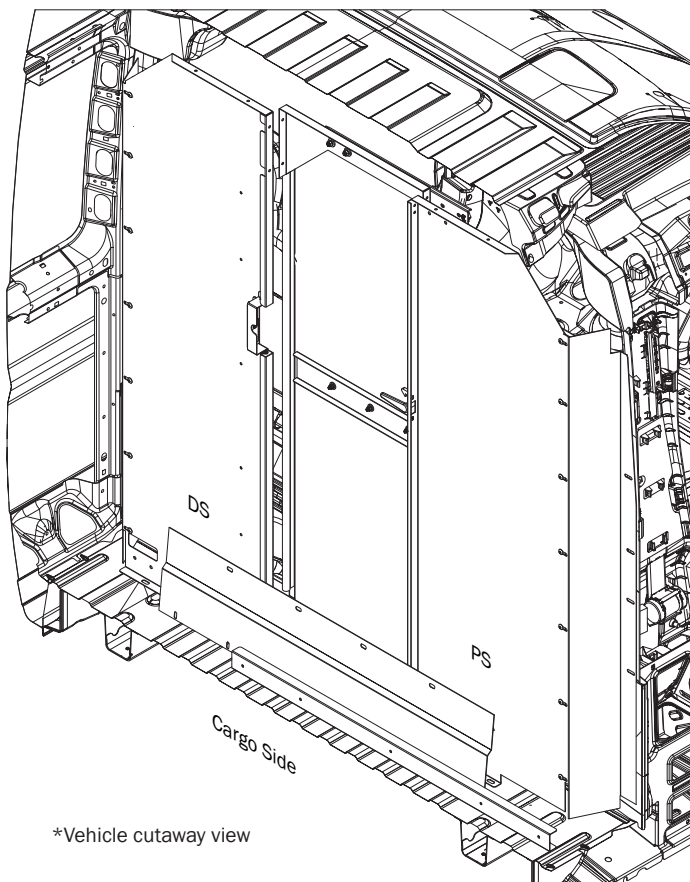


## INTERIOR INSTALLATION



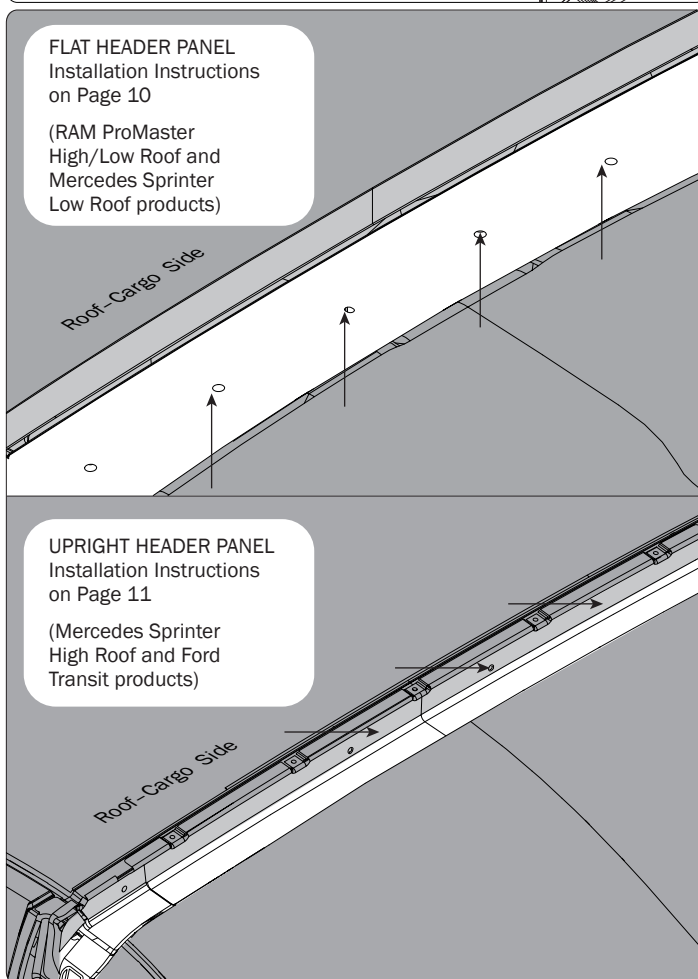
2

Position sub-assemblies in rear cargo area or near the van.



FLAT HEADER PANEL  
Installation Instructions  
on Page 10

(RAM ProMaster  
High/Low Roof and  
Mercedes Sprinter  
Low Roof products)



UPRIGHT HEADER PANEL  
Installation Instructions  
on Page 11

(Mercedes Sprinter  
High Roof and Ford  
Transit products)

9

AWK/SWK-M ASSEMBLY INSTRUCTIONS—INTERIOR INSTALLATION

PRIME DESIGN  
A Safe Fleet Brand

**3.1A**

Use Flat Header Panel to align mounting holes as shown. If pre-drilled holes are present, proceed to Step 3.1B.

If vehicle factory holes aren't present, or don't align with Header Panel holes, use a marker to mark new locations for drilling as needed, and proceed to Step 3.1C.

**\*NOTE:** It may be necessary to flex the center of the Header Panel upward to align holes.

**3.1B**

Remove pegs in factory holes if present and proceed to Step 3.2.

If no pegs are present in factory holes, proceed to Step 3.2.

**3.1C**

$\frac{1}{8}$ " Drill Bit

**3.2**

Expand hole sizes to  $\frac{1}{2}$ " as needed.

**4.1**

Install Plusnuts as shown.

**4.2**

Set Plusnuts as directed on Page 6.

**4.3**

Attach header panel into Plusnuts along the rear edge of the headliner as shown and loosely tighten.

Hex Head Cap Screw

$\frac{5}{16}$ " - 18 x 1.75"

$\frac{5}{16}$ " Lock Washer

$\frac{5}{16}$ " Flat Washer

**\*NOTE:** It may be necessary to flex the center of the Header Panel upward to get all fasteners engaged.

3.1A

Use Upright Header Panel to align mounting holes as shown. If pre-drilled holes are present, proceed to Step 3.1B.

If vehicle factory holes aren't present, or don't align with Header Panel holes, use a marker to mark new locations for drilling as needed, and proceed to Step 3.1C.

\*NOTE: It may be necessary to flex the center of the Header Panel to align holes.

3.1C

$\frac{1}{8}$ " Drill Bit

3.1B

Remove pegs in factory holes if present and proceed to Step 3.2.

If no pegs are present in factory holes, proceed to Step 3.2.

3.2

Expand hole sizes to  $\frac{1}{2}$ " as needed.

$\frac{1}{2}$ " Drill Bit

4.3

Attach header panel into Plusnuts along the rear edge of the headliner as shown and loosely tighten.

Hex Head Cap Screw  
 $\frac{5}{16}$ " - 18 x 1.75"

$\frac{5}{16}$ " Lock Washer

$\frac{5}{16}$ " Flat Washer

4.1

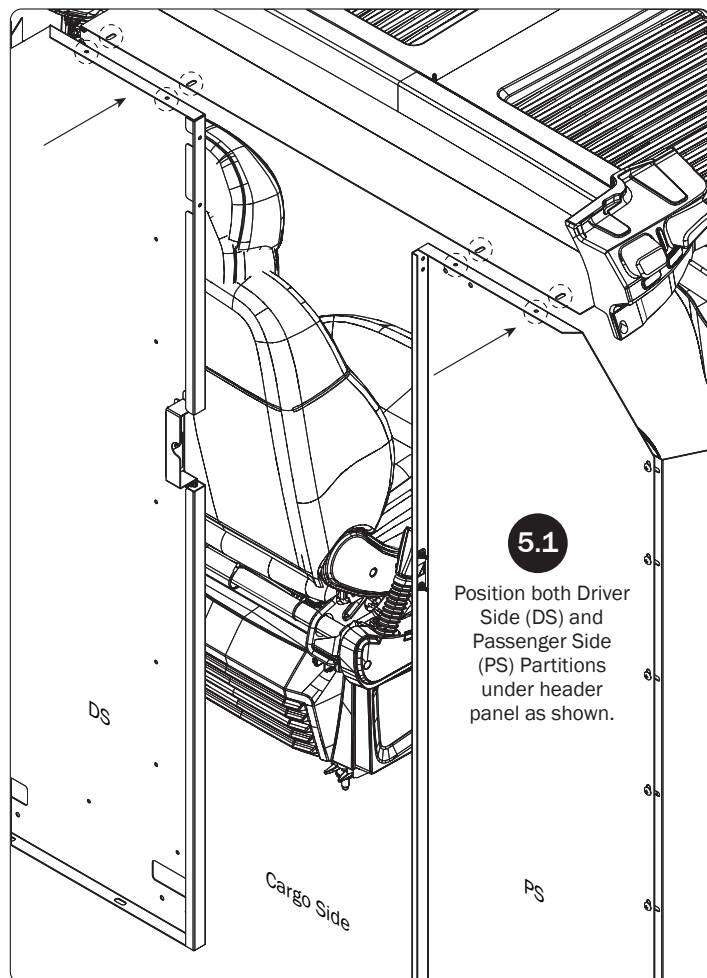
Install Plusnuts as shown.

4.2

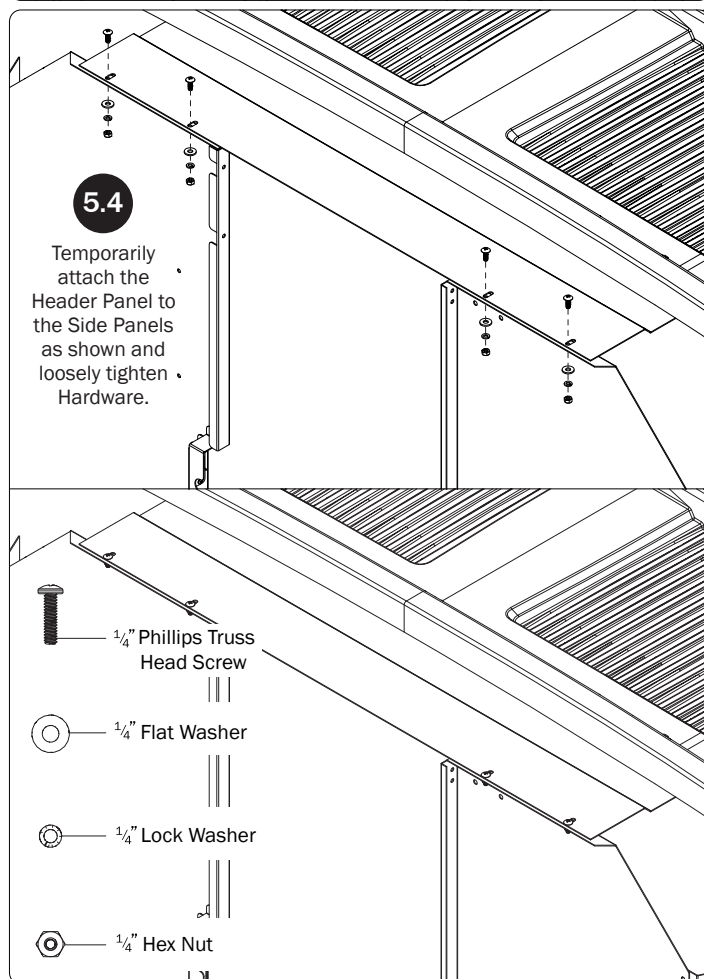
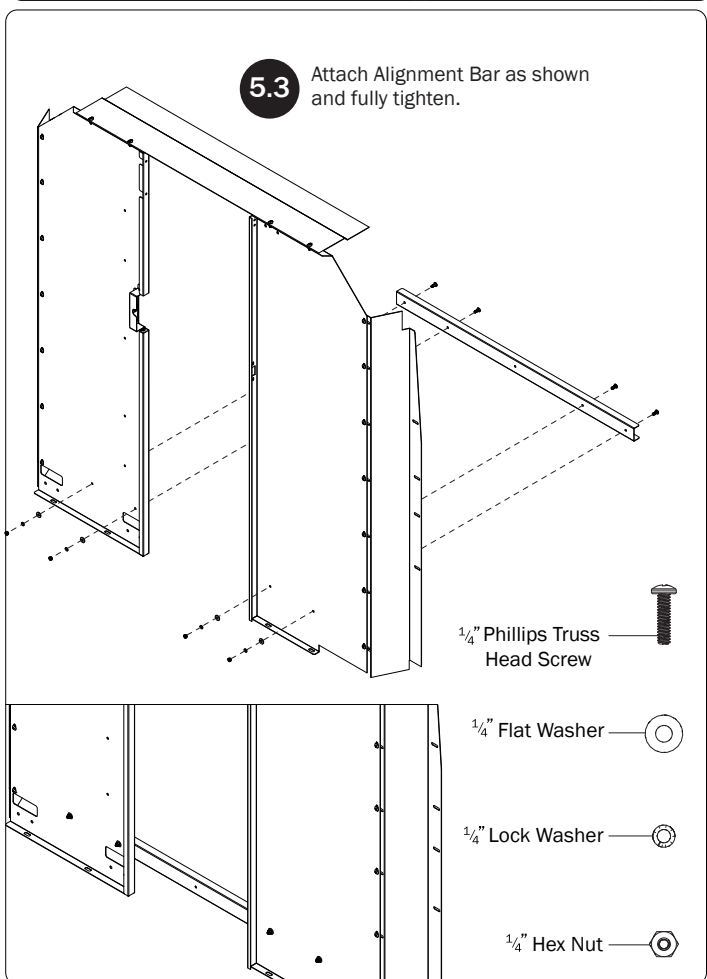
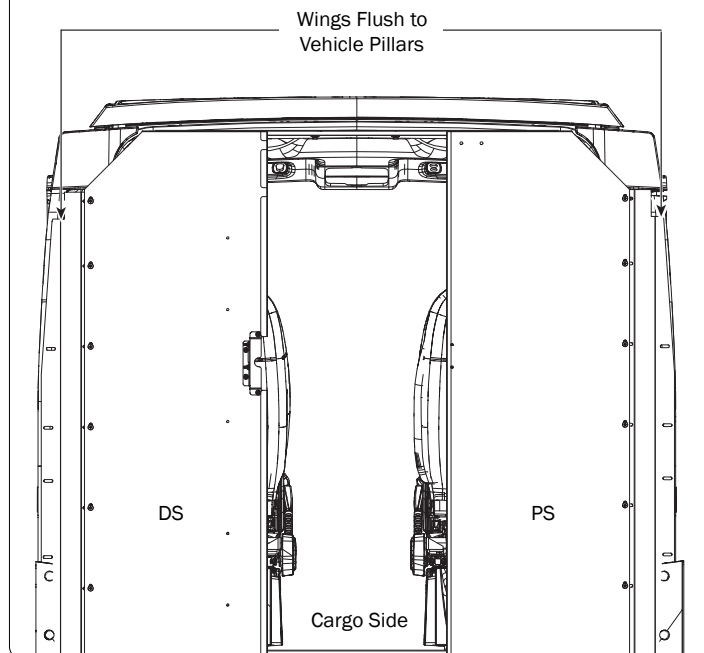
Set Plusnuts as directed on Page 6.

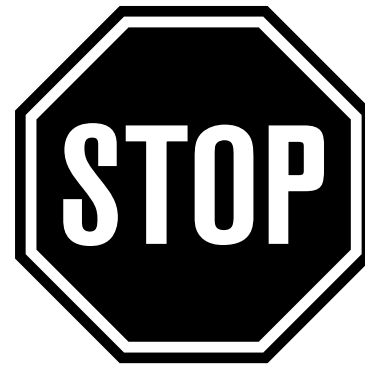
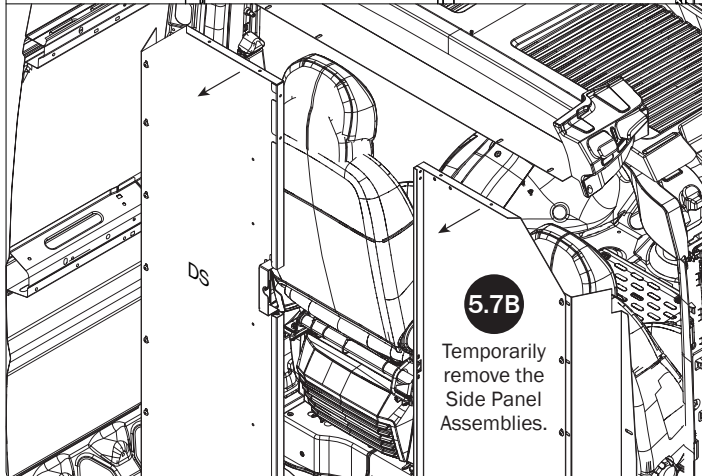
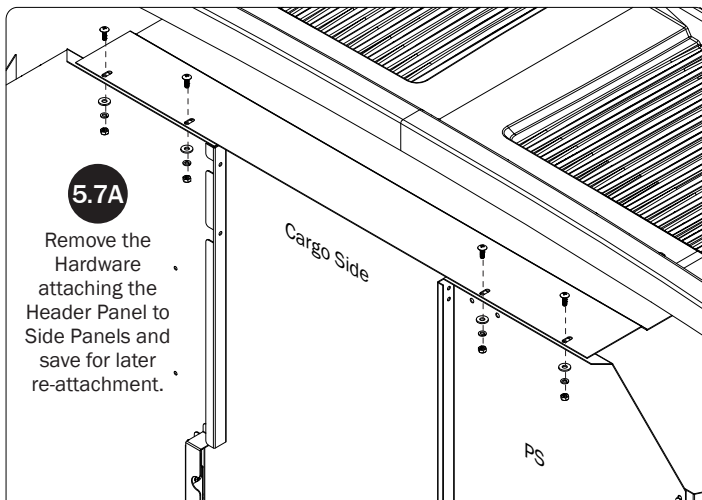
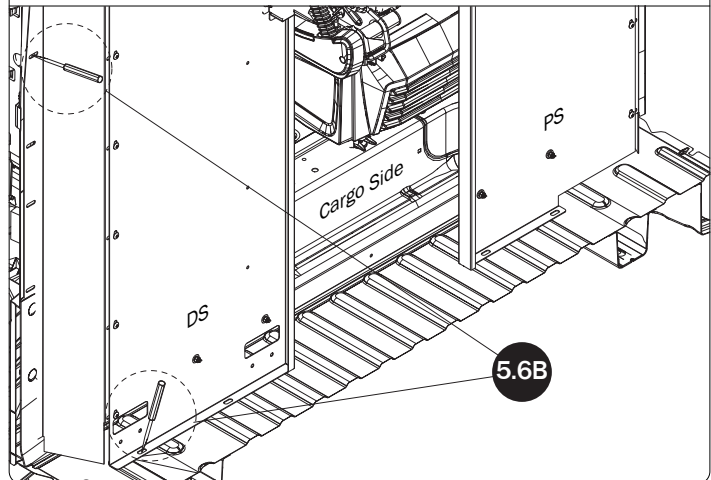
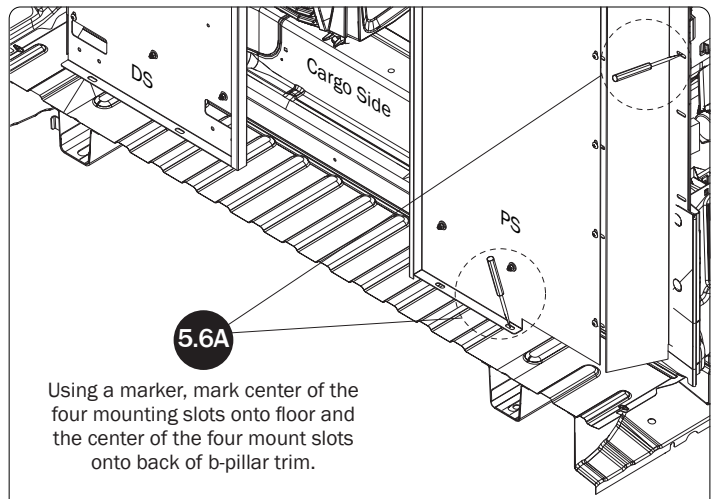
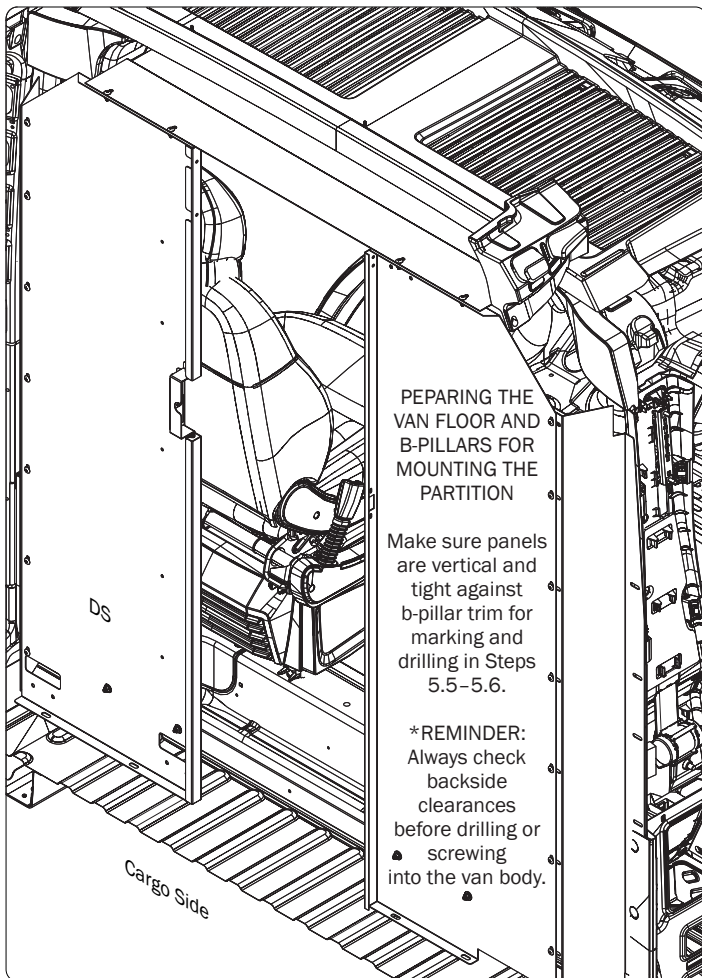
\*NOTE: It may be necessary to flex the center of the Header Panel get all fasteners engaged.





**5.2** Position both Driver Side (DS) and Passenger Side (PS) Partitions forward against back side of b-pillar trim as shown.





Product-specific Installation Instructions are found on Pages 14–15, and views will reflect configurations similar to your specific purchase. Refer to your Vehicle section, and continue as indicated.

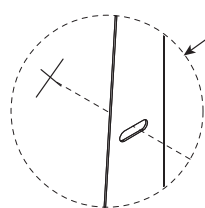
**PROMASTER-SPECIFIC INSTRUCTIONS**

**5.8A:** Using a  $\frac{1}{8}$ " drill, carefully drill all locations marked; into the floor and into back of each b-pillar.

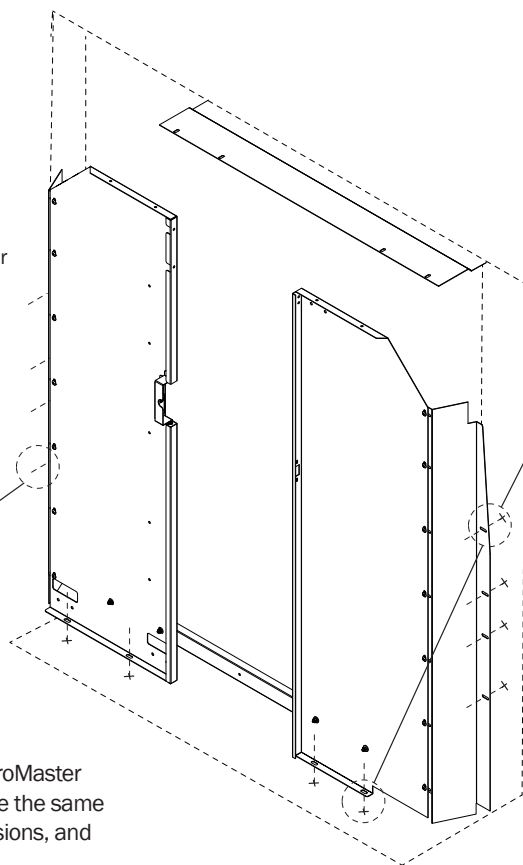
**5.8B:** Using a 1" hole saw, carefully create four holes in the back side of each b-pillar trim where marked. If the floor has a rubber floor mat, hole saw through it at the four marked locations.

*Note: Do not saw into metal floor or b-pillar.*

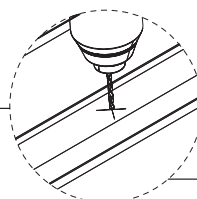
**5.8C:** Using a  $\frac{1}{2}$ " drill, enlarge all  $\frac{1}{8}$ " drilled hole locations.



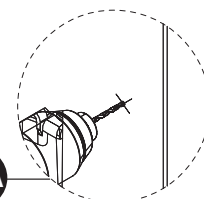
**NOTE:** Shown with the ProMaster High Roof. Instructions are the same for High and Low roof versions, and views are similar.



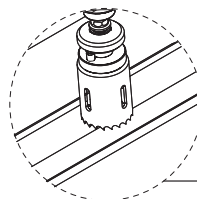
$\frac{1}{8}$ " Drill



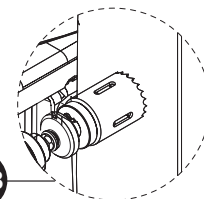
**5.8A**



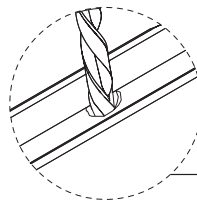
Hole Saw



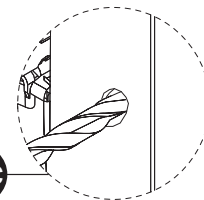
**5.8B**



$\frac{1}{2}$ " Drill

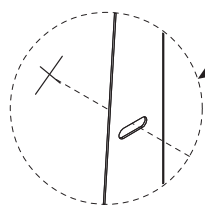


**5.8C**

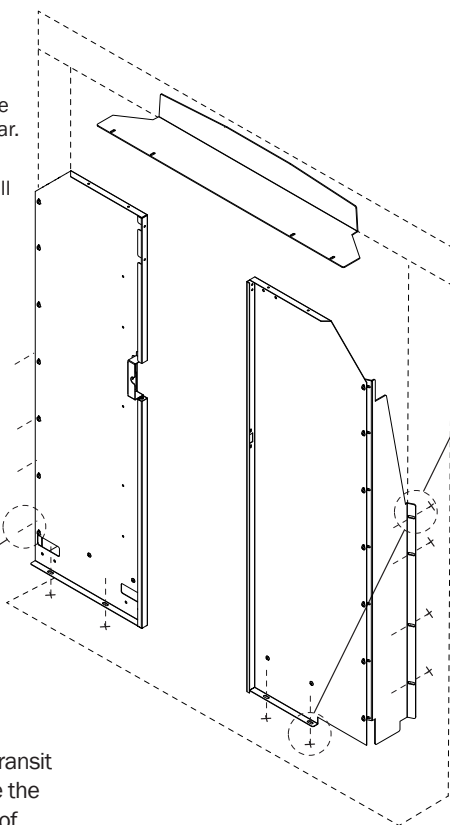
**FORD TRANSIT-SPECIFIC INSTRUCTIONS**

**5.8A:** Using a  $\frac{1}{8}$ " drill, carefully drill all locations marked; into the floor and into back of each b-pillar.

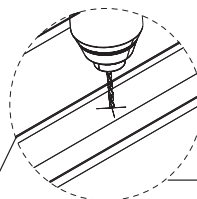
**5.8B:** Using a  $\frac{1}{2}$ " drill, enlarge all  $\frac{1}{8}$ " drilled hole locations.



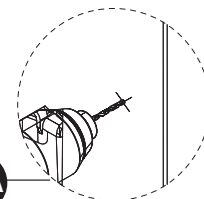
**NOTE:** Shown with the Ford Transit Medium Roof. Instructions are the same for High and Medium roof versions, and views are similar.



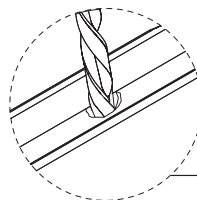
$\frac{1}{8}$ " Drill



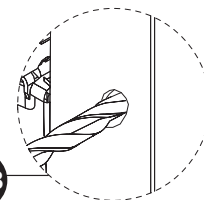
**5.8A**



$\frac{1}{2}$ " Drill



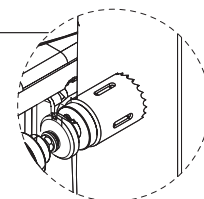
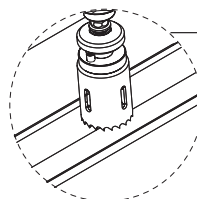
**5.8B**



\*If b-pillars and/or floor have trim or covering installed, a 1" Hole Saw attachment may be needed to reach the metal surface of your vehicle before drilling.

*Note: Do not saw into metal floor or b-pillar.*

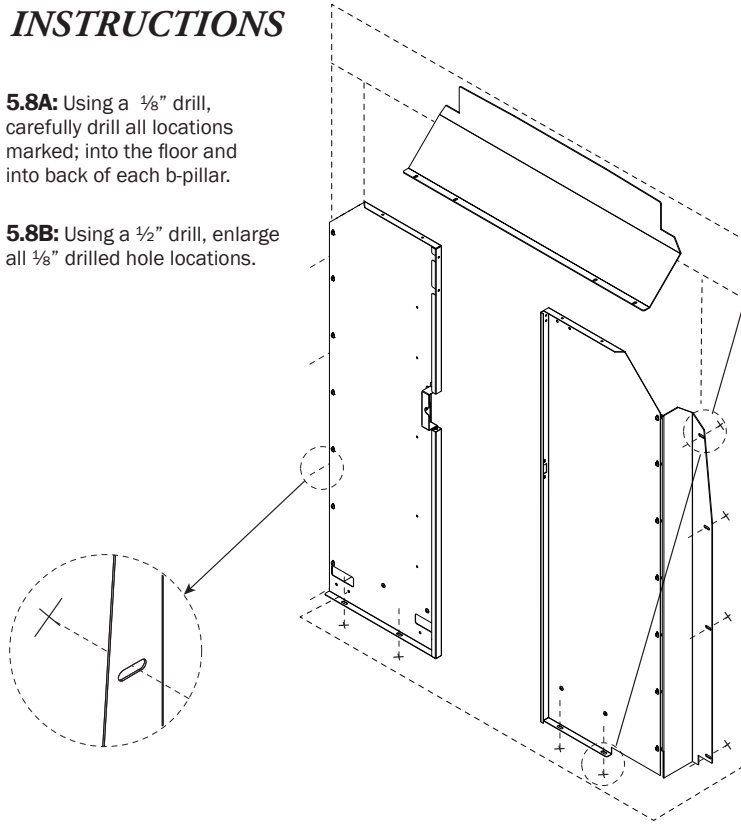
Hole Saw



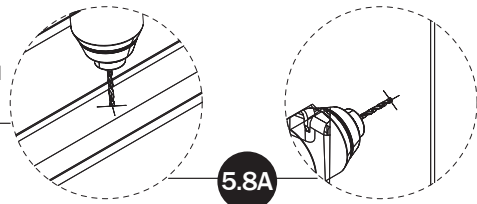
## SPRINTER HIGH ROOF-SPECIFIC INSTRUCTIONS

**5.8A:** Using a  $\frac{1}{8}$ " drill, carefully drill all locations marked; into the floor and into back of each b-pillar.

**5.8B:** Using a  $\frac{1}{2}$ " drill, enlarge all  $\frac{1}{8}$ " drilled hole locations.

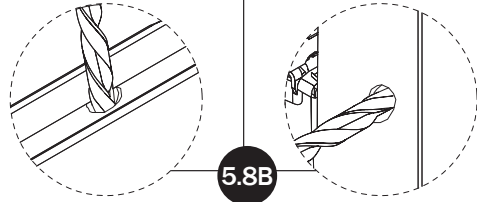


$\frac{1}{8}$ " Drill



5.8A

$\frac{1}{2}$ " Drill

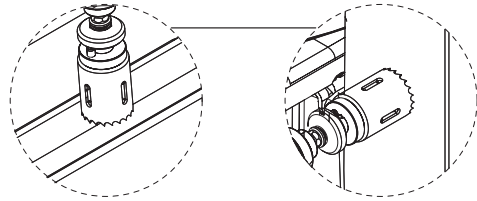


5.8B

\*If b-pillars and/or floor have trim or covering installed, a 1" Hole Saw attachment may be needed to reach the metal surface of your vehicle before drilling.

*Note: Do not saw into metal floor or b-pillar.*

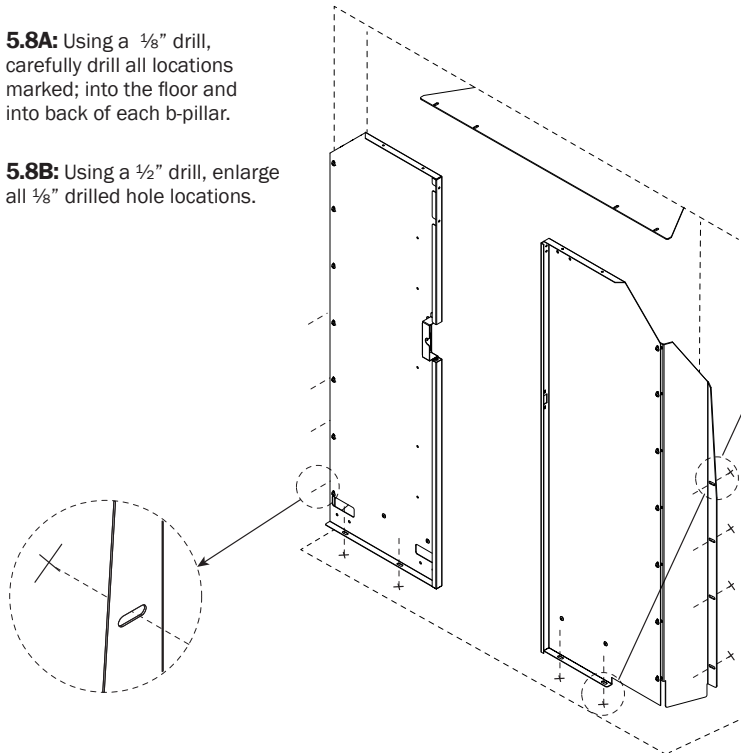
Hole Saw



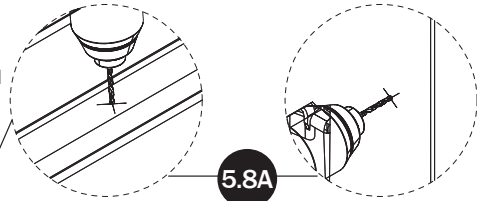
## SPRINTER STANDARD ROOF-SPECIFIC INSTRUCTIONS

**5.8A:** Using a  $\frac{1}{8}$ " drill, carefully drill all locations marked; into the floor and into back of each b-pillar.

**5.8B:** Using a  $\frac{1}{2}$ " drill, enlarge all  $\frac{1}{8}$ " drilled hole locations.

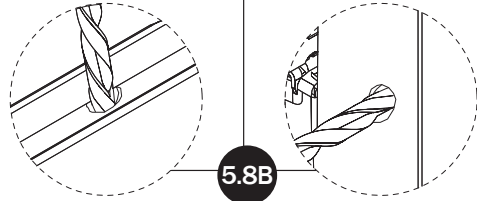


$\frac{1}{8}$ " Drill



5.8A

$\frac{1}{2}$ " Drill

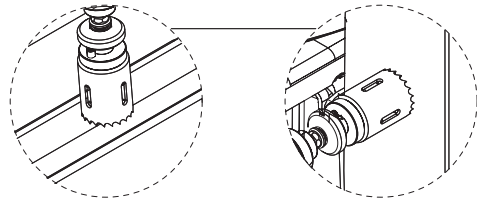


5.8B

\*If b-pillars and/or floor have trim or covering installed, a 1" Hole Saw attachment may be needed to reach the metal surface of your vehicle before drilling.

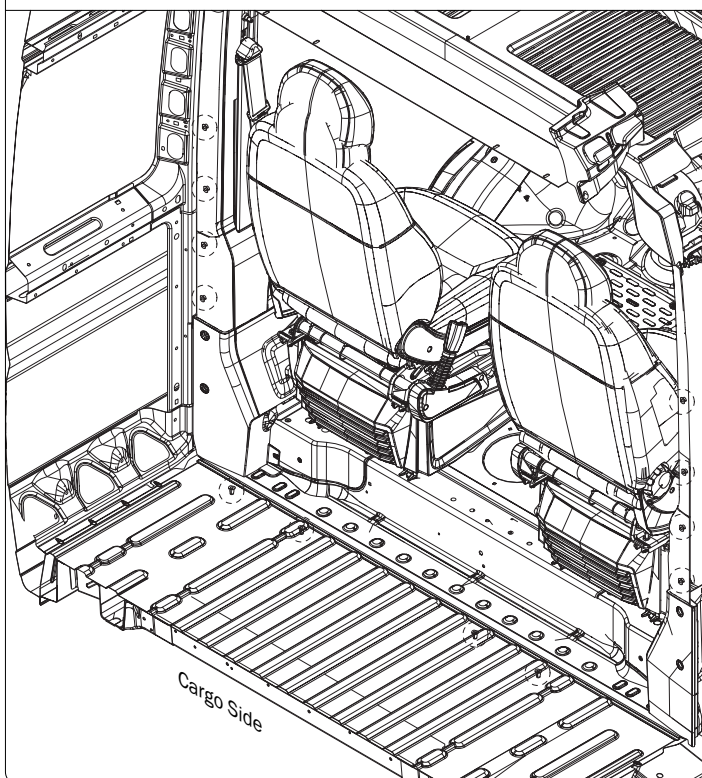
*Note: Do not saw into metal floor or b-pillar.*

Hole Saw



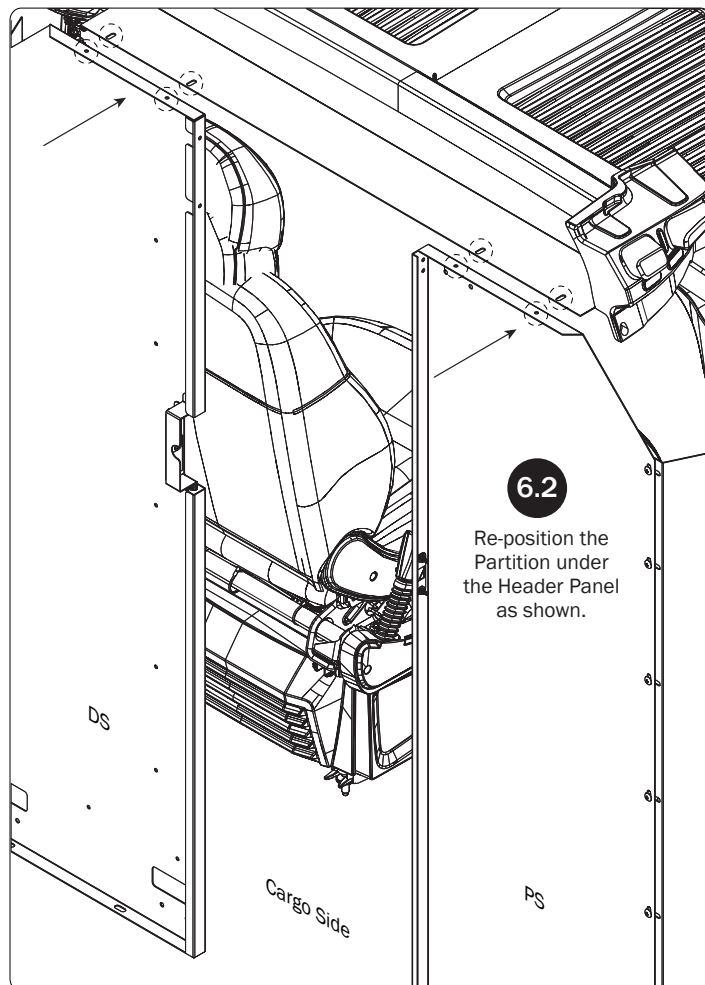


- 6.1** Install Plusnuts in all drilled out locations as shown below. Set Plusnuts as directed on Page 6.



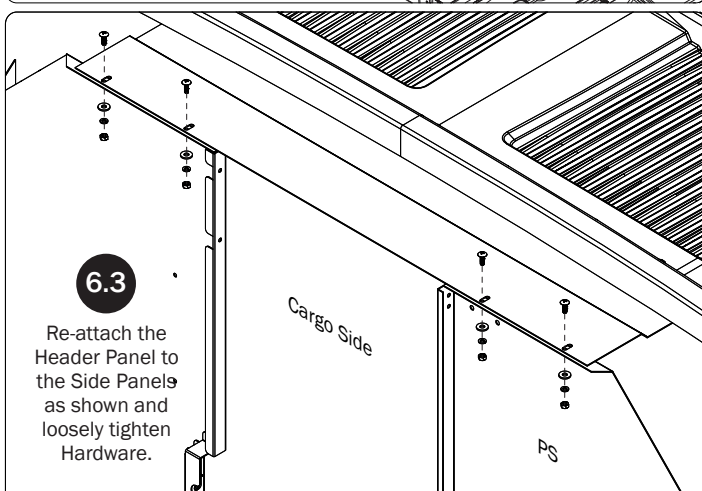
**6.2**

Re-position the Partition under the Header Panel as shown.

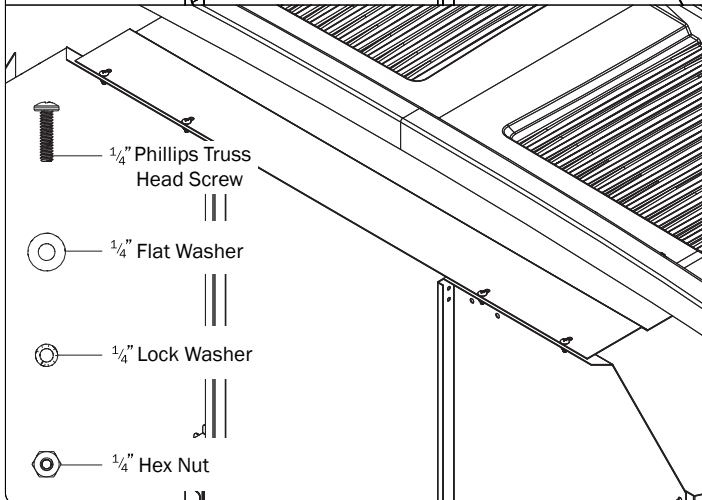


**6.3**

Re-attach the Header Panel to the Side Panels as shown and loosely tighten Hardware.



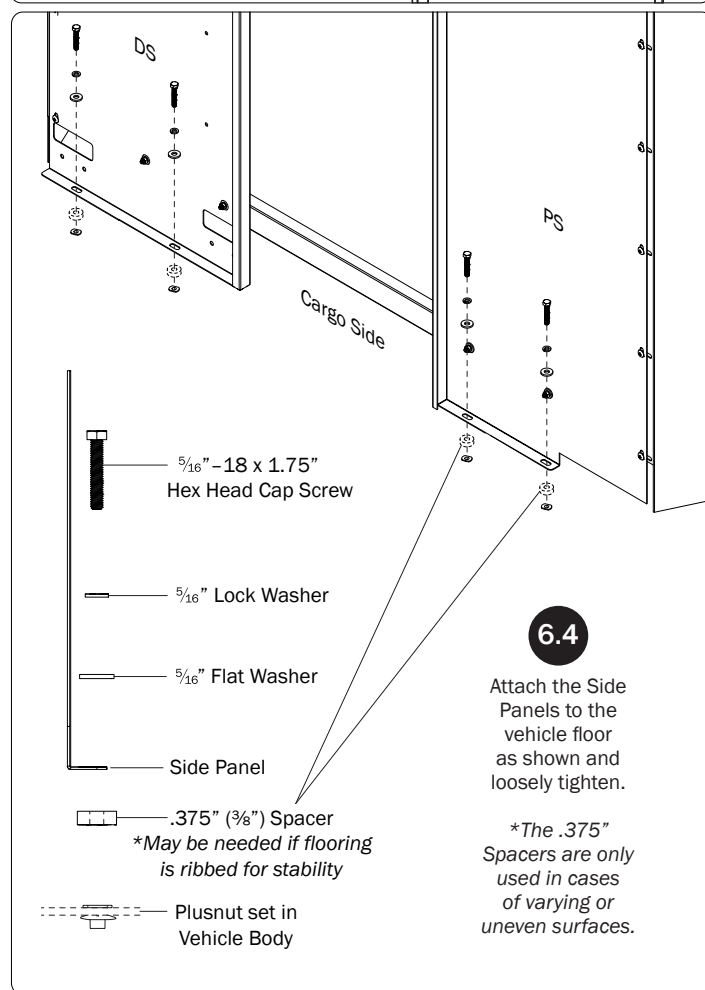
- 1/4" Phillips Truss Head Screw
- 1/4" Flat Washer
- 1/4" Lock Washer
- 1/4" Hex Nut



**6.4**

Attach the Side Panels to the vehicle floor as shown and loosely tighten.

- 5/16" -18 x 1.75" Hex Head Cap Screw
- 5/16" Lock Washer
- 5/16" Flat Washer
- Side Panel
- .375" (3/8") Spacer  
\*May be needed if flooring is ribbed for stability
- Plusnut set in Vehicle Body



\*The .375" Spacers are only used in cases of varying or uneven surfaces.



## 6.5

Attach the Side Panels to the vehicle b-pillars as shown and loosely tighten.

*\*The 1" Spacer is typically used in ProMaster B-Pillar applications only.*

*\*\*Be careful not to drop the spacer inside the trim at the b-pillar positions.*

$\frac{5}{16}$ "-18 x 1.75" Hex Head Cap Screw

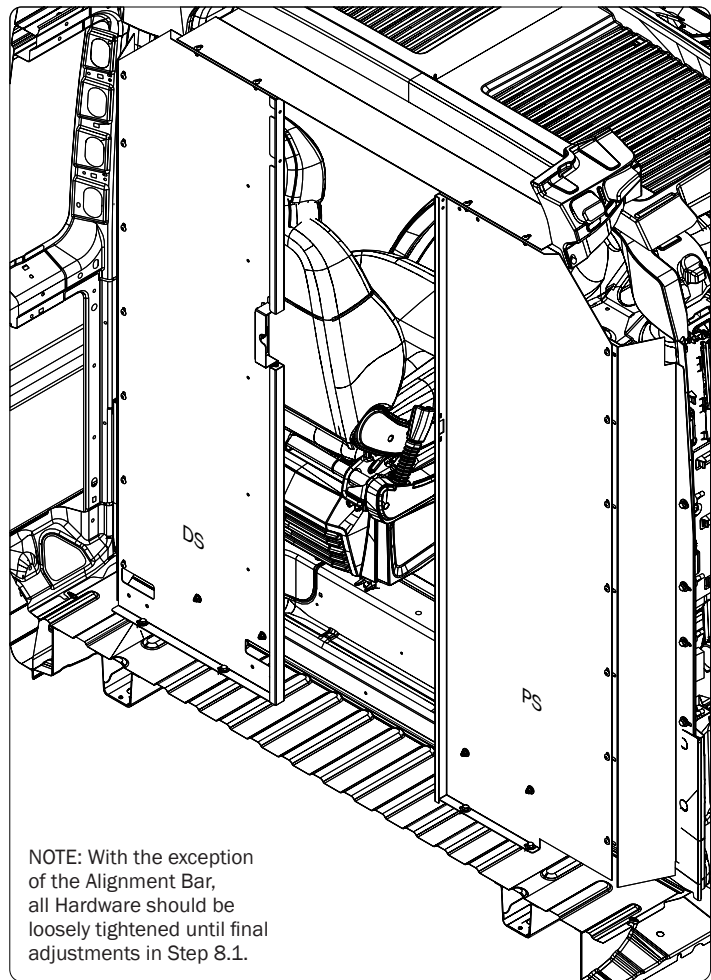
$\frac{5}{16}$ " Flat Washer

1" Spacer (for ProMaster)

$\frac{5}{16}$ " Lock Washer

Side Panel

Plusnut set in Vehicle Body



NOTE: With the exception of the Alignment Bar, all Hardware should be loosely tightened until final adjustments in Step 8.1.

## DOOR MOUNTING

## 7.1

Carefully maneuver the door sub-assembly into the vehicle cab and put in position as shown.

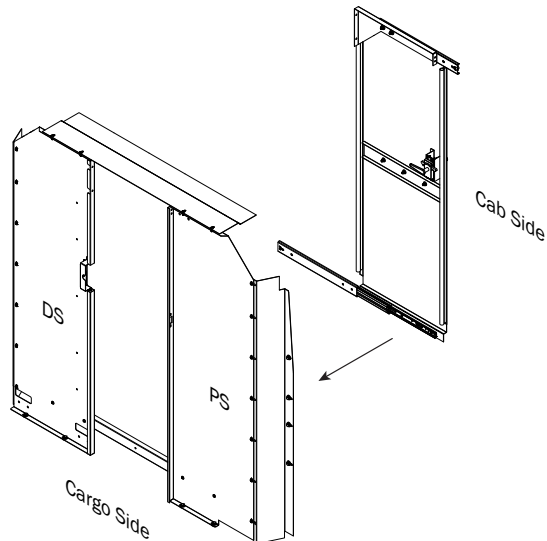
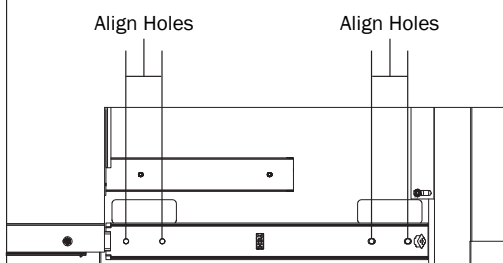


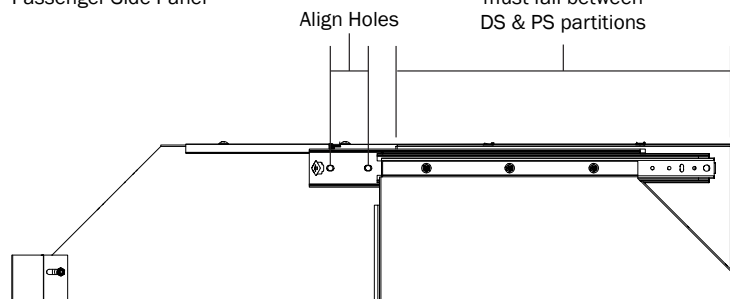
Fig. 7—Lower Slide on Driver Side Panel

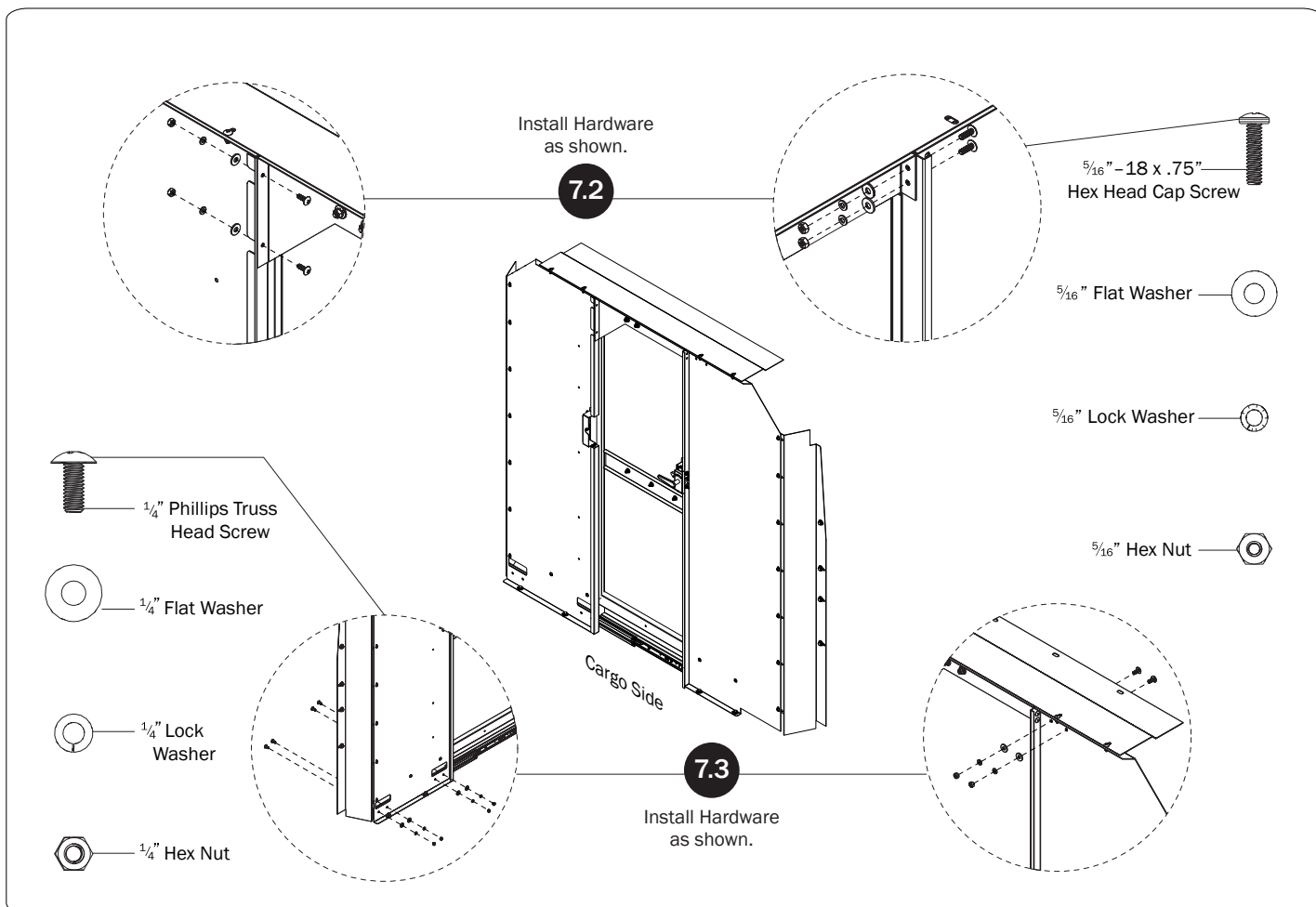
Fig. 8—Upper Slide on Passenger Side Panel

Top slide mount must fall between DS & PS partitions

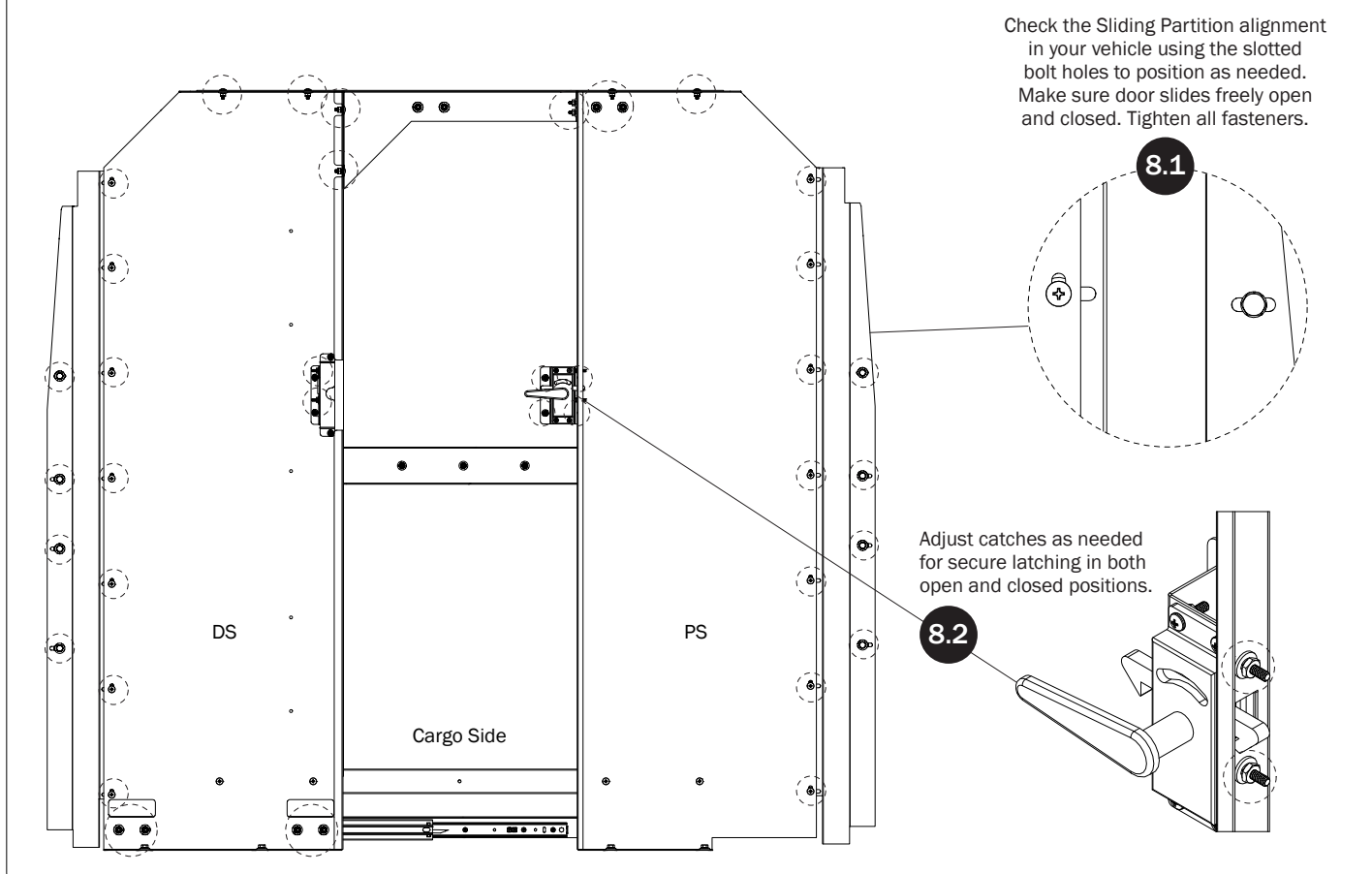


Cab Side View

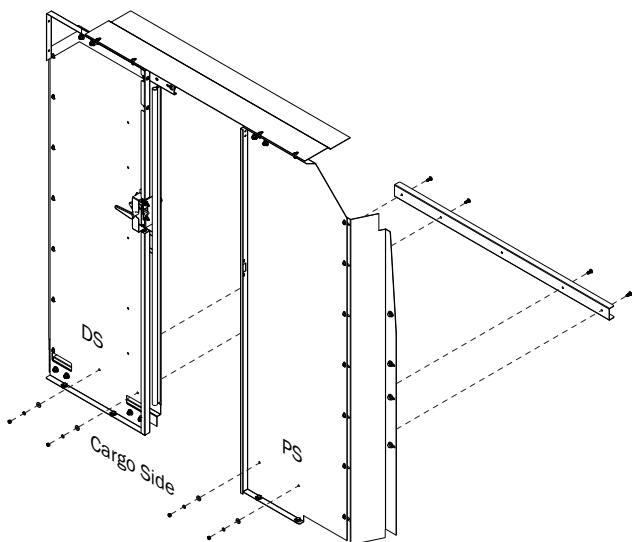




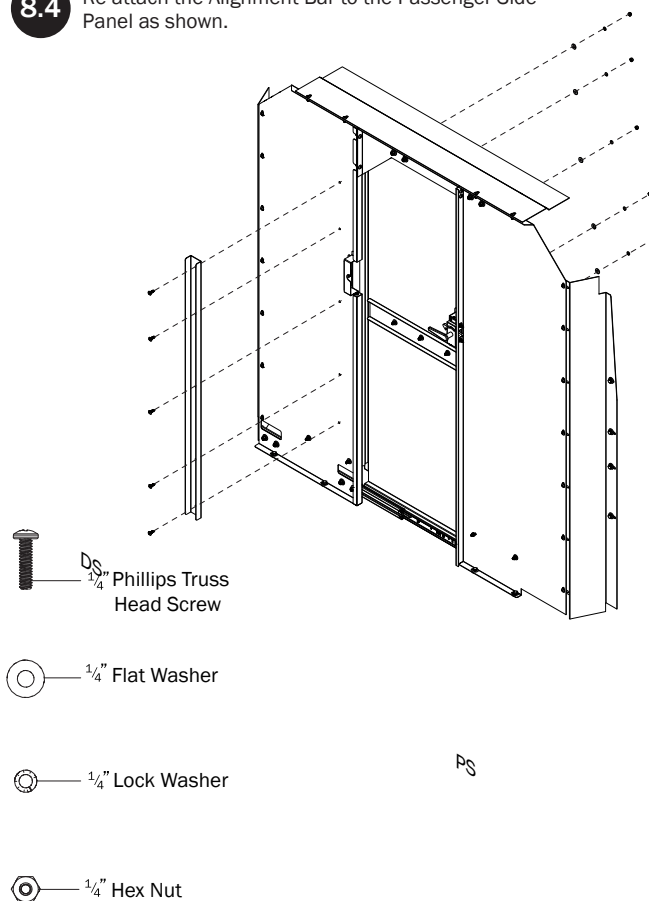
## FINAL ADJUSTMENTS



### 8.3 Remove the align bar as shown.



### 8.4 Re-attach the Alignment Bar to the Passenger Side Panel as shown.



Save all Assembly Manuals in your vehicle glove box for future adjustments or replacement needs.

