

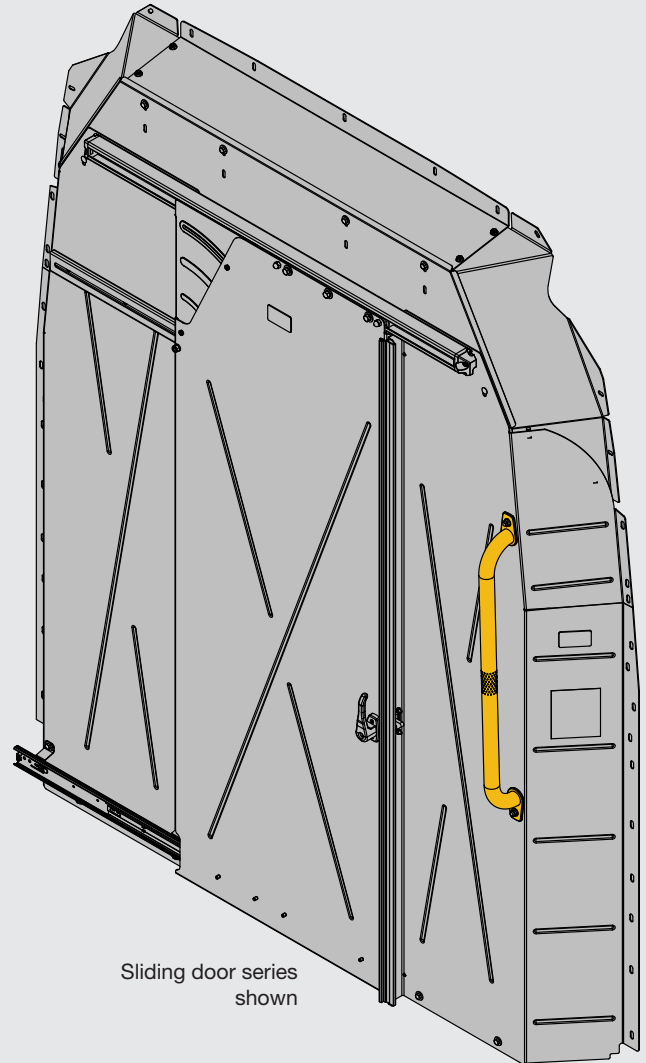
Owner's Manual

Sliding Door Partition

This Owner's Manual provides assembly, install and user guidance. It applies to all **3066 and 3067 Series Sliding Door Partition** sold by Ranger Design. For a list of compatible models, visit our website at rangerdesign.com.

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Scan the QR code for the latest Installation Guide. For more information, visit rangerdesign.com.



This Owner's Manual must remain in vehicle at all times.

Warnings

READ, UNDERSTAND, AND FOLLOW ALL WARNINGS AND INSTRUCTIONS BEFORE USING THIS PRODUCT. FAILURE TO FOLLOW THESE DIRECTIONS MAY RESULT IN PROPERTY DAMAGE, SERIOUS BODILY INJURY, AND/OR DEATH. RANGER DESIGN IS NOT RESPONSIBLE FOR ANY PROPERTY DAMAGE, PERSONAL INJURY, OR DEATH THAT OCCURS WHILE USING ANY RANGER DESIGN PRODUCTS.

THE FINAL ALTERER AND/OR MODIFIER SHOULD REVIEW THE WARNING SHEET WITH THE CUSTOMER BEFORE THE VEHICLE IS RELEASED TO THE CUSTOMER FOR GENERAL USE. THESE INSTRUCTIONS SHOULD REMAIN WITH THE VEHICLE AT ALL TIMES.

WARNINGS – Prior To Starting

- Ranger Design products must be assembled and installed by individuals qualified to use the tools required and have experience with similar products. If there is any question as to competence or experience, please contact a professional alterer or modifier.
- Failure to use Ranger Design-provided fasteners, brackets, and proper installation guidelines could increase risk of serious personal injury and/or death.
- Prior to installation, inspect the vehicle to ensure that installation will not interfere with, or cause obstruction of, any critical components such as electrical wiring, fuel tanks, fuel cells, locks, latches, etc.
- The final alterer and/or modifier is responsible for ensuring all equipment is sufficiently secured to wall and floor structures or suitable anchorages.
- Do not install systems into any weak or unsound materials such as plastics, woods, thin-walled metals, etc., without proper reinforcement.
- Do not install this product where it could interfere with the deployment of airbags. Failure to comply could result in death or serious injury.
- Do not install this product where it could ingress on the Vehicle Occupant Protection Zone. Failure to comply could result in death or serious injury.
- Incorrect installation could cause water leaks, electric shock, or fire.
- Any cargo vehicle with any cargo or equipment should use a certified partition which can be found on the Ranger Design website. (<https://rangerdesign.com>)
- Mounting rails and floors are strongly recommended for any attachment to the vehicle and can be found on the Ranger Design website. (<https://rangerdesign.com>)
- Any modification or unintended use of this product voids any warranty and could create a hazardous condition.
- Ranger Design provides recommended assembly and installation instructions which must be followed to ensure correct operation. Failure to do so could invalidate the product's compliance and/or warranty and cause injury.
- The final stage vehicle alterer and/or modifier is responsible for the integration, installation, and compliance of the product in its final location with all applicable regulations and standards. Failure to maintain compliance of the vehicle with applicable regulations and standards could be punishable by law. Alterers and/or modifiers should consult with all local authorities prior to commissioning.

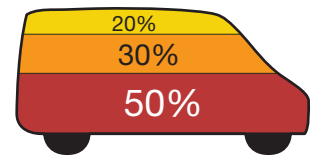
- Any materials, padding, or glazing installed in the vehicle must comply with FMVSS/CMVSS 201/205/302, as applicable.

WARNINGS – Prior To Drilling

- Improper drilling can cause property damage to vehicles and could lead to electric shock, fire, or even death.
- Ensure that drilling is only performed on areas of the vehicle allowed by the vehicle's Original Equipment Manufacturer's Body Builders Layout Book (or equivalent document).
- Ensure that you will not hit any critical parts of the vehicle like the gas tank, wiring harnesses, or hoses. Consult the vehicle's OEM documentation as necessary. When drilling, use a drill collar to reduce the risk of damage to the vehicle.

WARNINGS – Prior To Operating Vehicle

- The heaviest items must be placed towards the bottom of the vehicle, while the lightest ones can be arranged upwards. Vehicle cargo loading weight proportion should follow the guidelines shown here.
- Check your vehicle's tare weight and remaining load capacity with all equipment installed. Never exceed the maximum Gross Vehicle Weight Rating (GVWR), Gross Axle Weight Ratings (GAWRs), or other maximum loads permitted by the vehicle's Original Equipment Manufacturer (OEM) and required by law.
- All items in the cargo area should be properly secured and partition doors closed while the vehicle is in motion.
- All system components should be regularly inspected, cleaned, and maintained pursuant to Ranger Design guidelines.



WARNING – In Event Of An Accident

- In the event of a motor vehicle accident or collision where a Ranger Design system has been installed, especially ones where the vehicle's structure has been damaged and/or the air bags have deployed and/or the vehicle has been towed, the system must be inspected to ensure continued soundness and safety before returning the vehicle to service. Damaged components should be replaced as necessary.

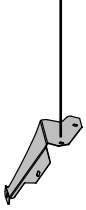
 FR: Si vous avez besoin de ces instructions en français, s'il vous plait contacter notre service à la clientèle. +1-800-565-5321

 ES: Si necesita estas instrucciones en español, comuníquese con el Servicio de atención al cliente de Ranger Design. +1-800-565-5321

Parts Included

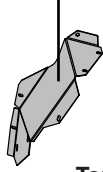
Top Wing Panel Driver Side – Qty. 1
P/N 30-789

Model: FTH



Top Wing Panel Driver Side – Qty. 1
P/N 30-782

Model: DH



Top Mounting Bracket – Qty. 1
P/N 30-787

Model: FTH



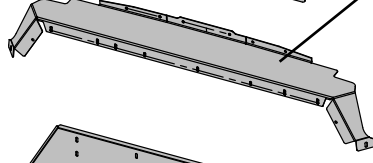
Top Mounting Bracket – Qty. 1
P/N 30-780

Model: DH



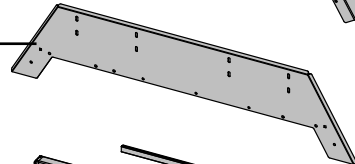
Top Mounting Bracket – Qty. 1
P/N 30-791

Model: FTM



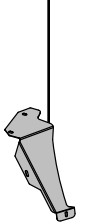
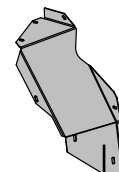
Top Panel – Qty. 1
P/N 30-779

Model: DH,FTH



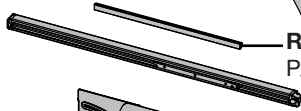
Top Wing Panel Passenger Side – Qty. 1
P/N 30-790

Model: FTH



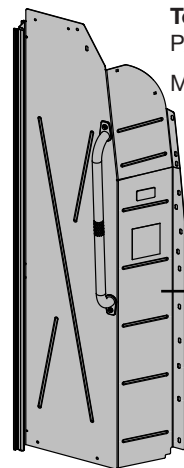
Rubber Bumper – Qty. 1
P/N 30-502

Rail System – Qty. 1
P/N 30-6740

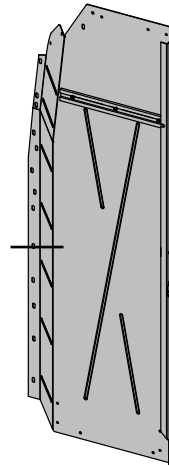


Top Wing Panel Passenger Side – Qty. 1
P/N 30-781

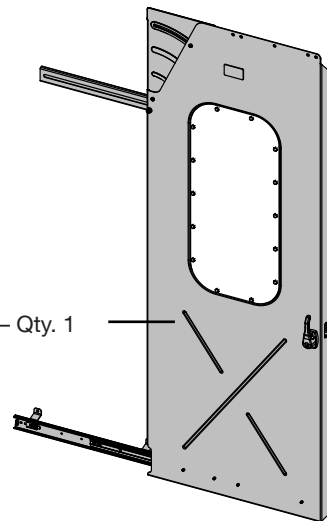
Model: DH



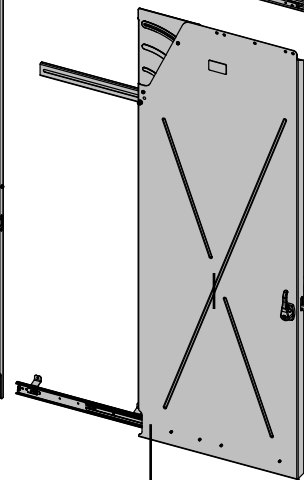
Driver Side Panel – Qty. 1
P/N 30-6710



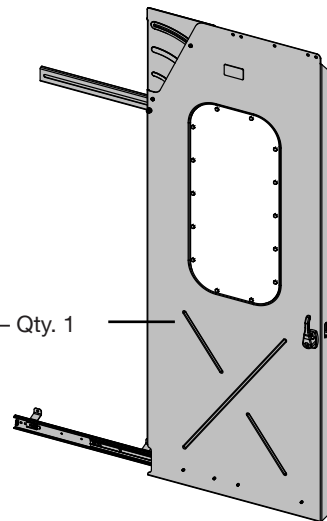
Passenger Side Panel – Qty. 1
P/N 30-6740



Door Sub Assembly – Qty. 1
P/N 30-6720



Door Sub Assembly with Window – Qty. 1
P/N 30-6722



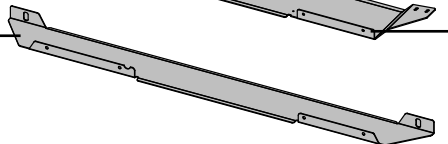
B-Pillar bracket – Qty. 2
P/N 30-783

Model: DH



Floor Bracket – Qty. 1
P/N 30-788

Model: FTH,FTM



Floor Bracket – Qty. 1
P/N 30-784

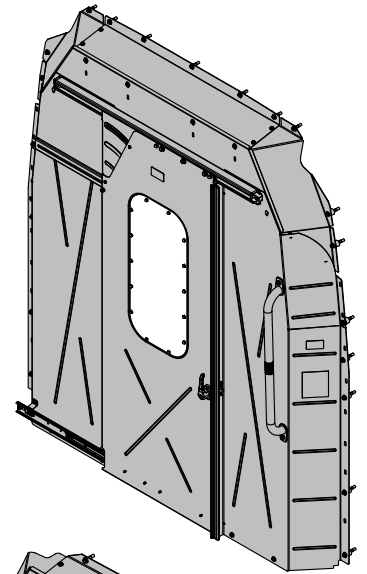
Model: DH

Model Reference

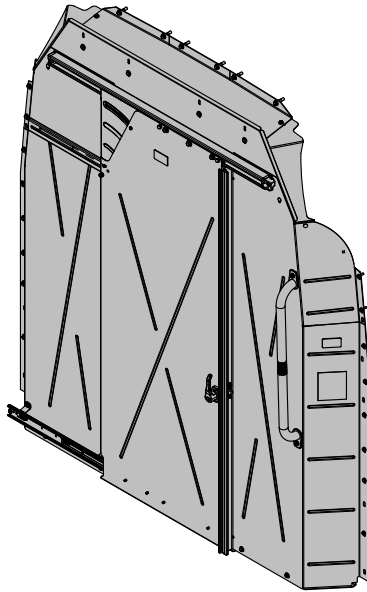
Sprinter High Roof
Model: 3066-DH



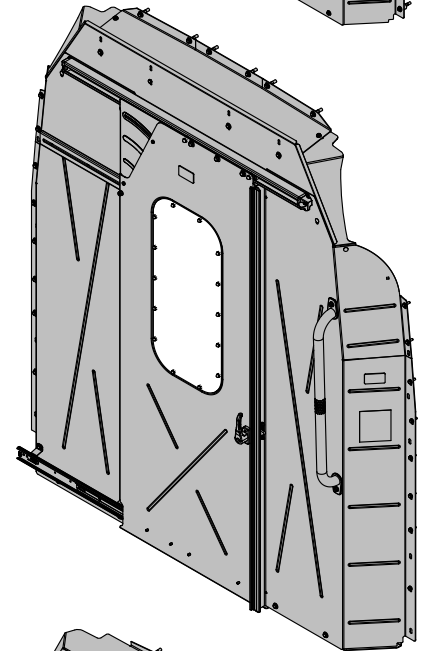
Sprinter High Roof
Model: 3067-DH



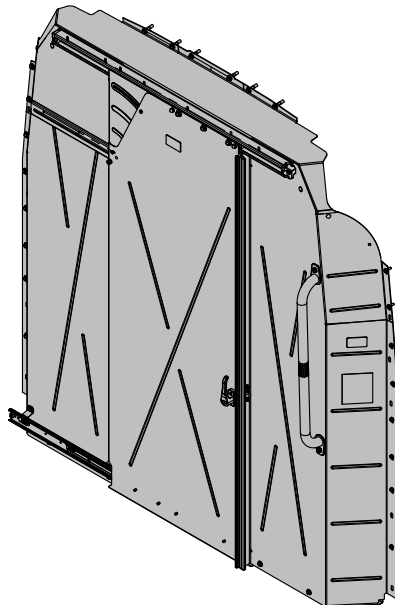
Transit High Roof
Model: 3066-FTH



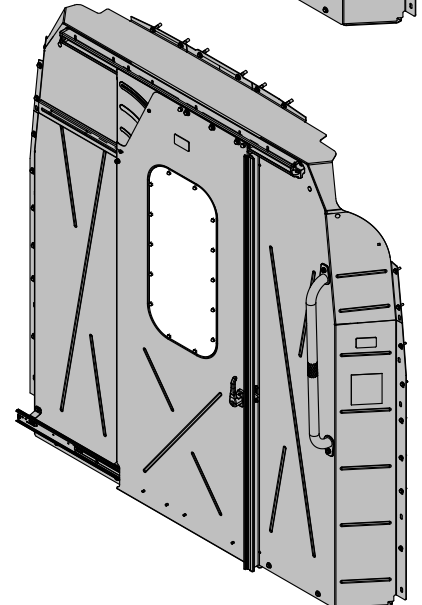
Transit High Roof
Model: 3067-FTH



Transit Mid Roof
Model: 3066-FTM



Transit Mid Roof
Model: 3067-FTM



Parts Included

Assembly Fastener Kit Content

Part	P/N & Description	DH series P/N 94-6082 Qty.	FTH series P/N 94-6081 Qty.	FTM series P/N 94-6083 Qty.
	P/N 90-108 Hex Bolt 1/4"-18 x 5/8" GR-5 ZINC	16	18	10
	P/N 90-118 Hex Bolt 1/4"-18 x 1 1/4" GR-5 ZINC	2	2	2
	P/N 90-204 Hex Bolt 5/16"-18 x 3/4" GR-5 ZINC	3	3	3
	P/N 92-319 Flanged Button Head 10-32 Thread 1/2" SS	3	3	3
	P/N 94-106 Lock Nut Nylon Insert 1/4" ZINC	2	2	2
	P/N 94-118 Acorn Nut 1/4"-20 ZINC	23	21	17
	P/N 94-122 Acorn Nut 5/16"-20 ZINC	2	2	2
	P/N 98-106 Flat Washer SAE 1/4" ZINC	4	4	4
	P/N 98-112 Flat Washer USS 1/4" O.D. 3/4" ZINC	39	18	10
	P/N 98-116 Flat Washer USS 5/16" O.D. 7/8" ZINC	3	3	3
	P/N 98-118 Spring Lock Washer 1/4" ZINC	23	21	17

Part	P/N & Description	DH series P/N 94-6082 Qty.	FTH series P/N 94-6081 Qty.	FTM series P/N 94-6083 Qty.
	P/N 98-122 Spring Lock Washer 5/16" ZINC	3	3	3
	P/N 94-112 Serrated Nut 1/4"-20 ZINC	4	4	—
	P/N 90-388 Carriage Bolt 1/4"-18 x 5/8" ZINC	6	2	2
	P/N 94-116 Serrated Nut 5/16"-18 ZINC	4	—	—
	P/N 90-484 Carriage Bolt 5/16"-18 x 5/8" ZINC	4	—	—

Installation Fastener Kit Content

Part	P/N & Description	DH series P/N 96-6082 Qty.	FTH & FTM series P/N 96-6083 Qty.
	P/N 90-114 Hex Bolt 1/4"-20 x 1" GR-5 ZINC	7	6
	P/N 90-983 Double Ended Screw 1/4-20 - 1.125" Long	7	8
	P/N 94-100 Hex Nut 1/4"-20 ZINC	14	8
	P/N 94-130 Plus Nut 1/4"-20	21	14
	P/N 98-112 Flat Washer USS 1/4" O.D. 3/4" ZINC	21	14
	P/N 98-118 Spring Lock Washer 1/4" ZINC	21	14

Part	P/N & Description	DH series P/N 96-6082 Qty.	FTH & FTM series P/N 96-6083 Qty.
	P/N 98-141 Square Flat Washer 7/16" I.D. 1" ZINC	2	2
	P/N 98-180 Spacer .688" Long	7	—
	P/N 98-181 Screw HWH #14 x 1" ZINC	7	—
	P/N 90-984 Spacer 1.250" Long	7	—
	P/N 90-971 Head Head Flanged Bolt M6-1.0x20mm 1022 Black Oxide	—	8
	P/N 90-022 Torx Screw Pan Head 7/16-20x28mm	2	8
	P/N 90-010 Torx Screw Pan Head 7/16-20x28mm	—	2

Tools Required (Not Included)

- Cordless Impact Driver
- Cordless Drill
- Tape Measure
- Marker
- 1/2" Socket
- 1/2" Drill Bit w/ Drill Collar
(Set at 1/2")
- 3/8" Driver Bit
- Plusnut Tool / Plusnut Gun (5/16")
- 7/16" Drill Bit
- 7/64" Allen Key

Pre-Assembly Preparation

BEFORE STARTING

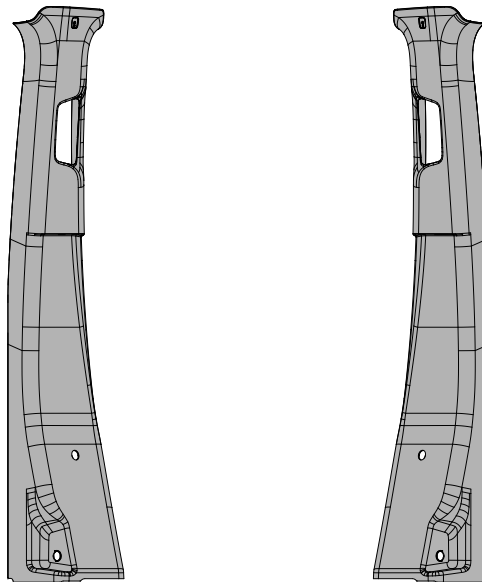
- Verify all parts are present.

Skip Step 1 when:

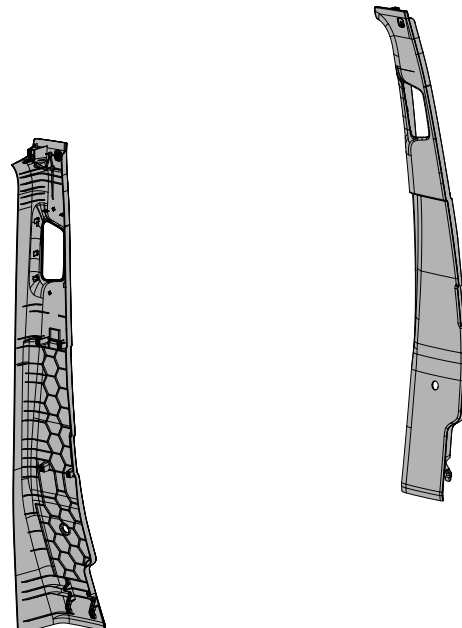
- Installing to Transit Van (FTH & FTM).

STEP 1 B-Pillar trim preparation.

Case 1: For the complete pre-mold trim please use Step 13 as instructions to install partition to B -Pillar



Case 2: For two sided trim with exposed B-Pillar Skip Step 13 and go right to Step 14



Assembly

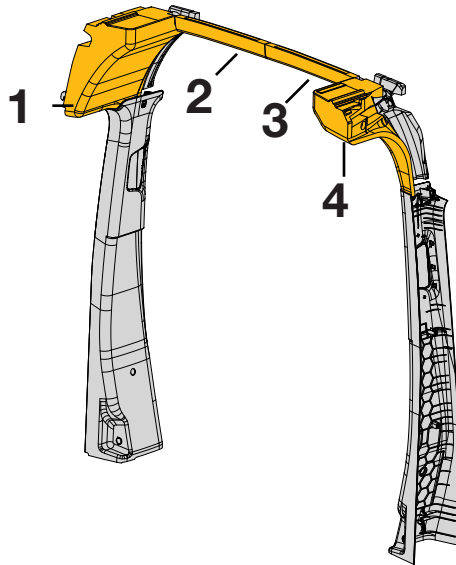
Skip Step 2 when:

- Installing to Transit Van (FTH & FTM).
- No existing foam pads in Sprinter high roof.

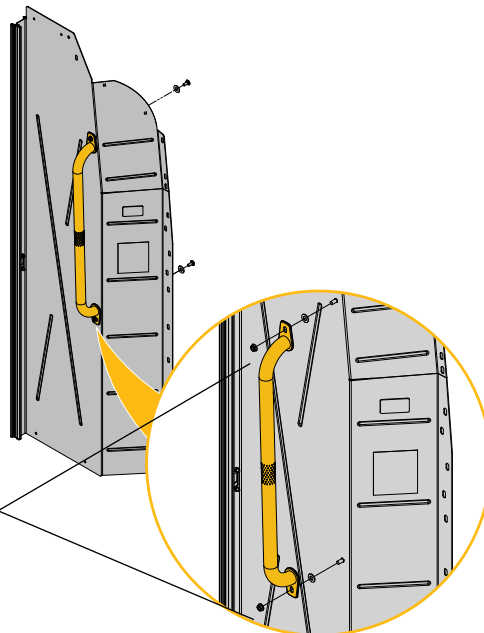
STEP 2 B-Pillar preparation-Foam pad removal

Note:

- This step is only applicable to 3066-DH Model.
- Ranger Design partition is compliant to applicable FMVSS 201 requirements.



STEP 3 Assemble grab handle to passenger side partition.



HARDWARE

Hex Bolt 5/16"-18x3/4"	Qty: 2
Flat Washer	Qty: 2
Flat Washer	Qty: 2
Serrated Nut	Qty: 2

TOOLS

- 1/2 Wrench
- 1/2 Socket
- Impact Driver

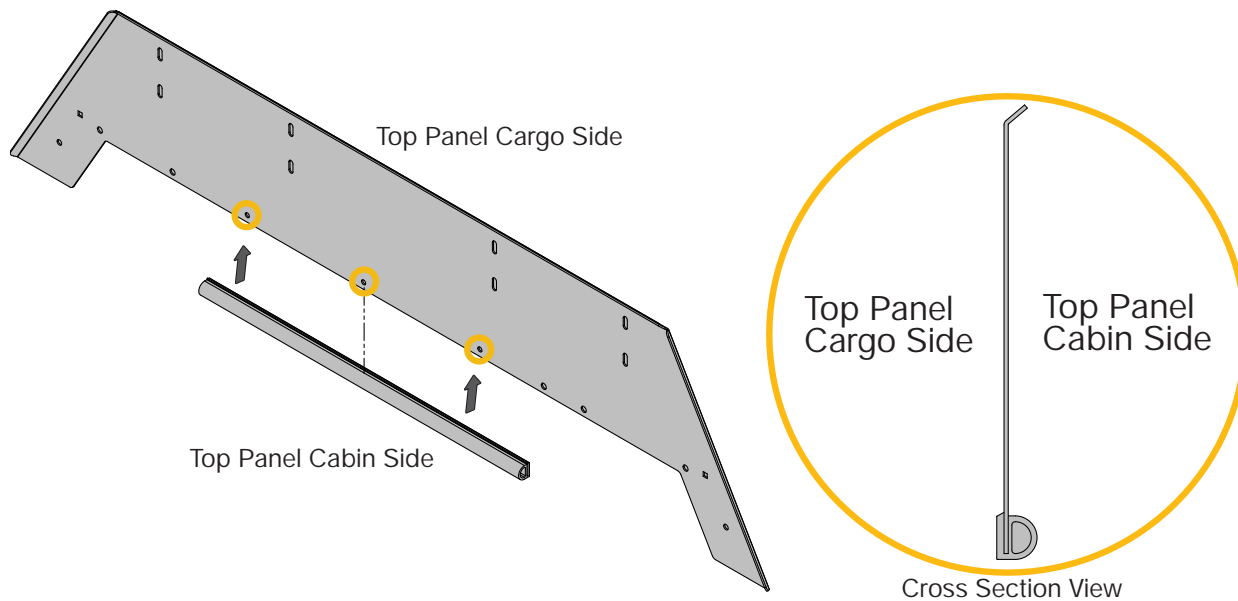


**Torque to
12 ft-lbs.**

Assembly

STEP 4 Rubber bumper pre-assembly preparation.

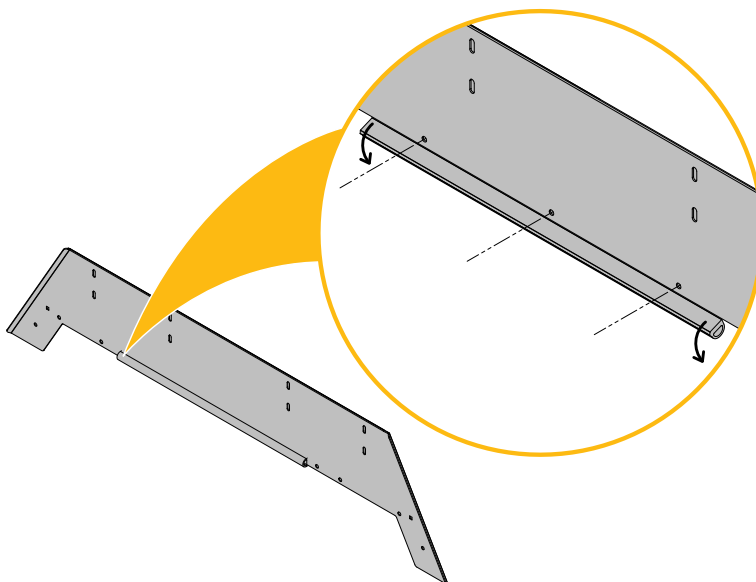
- a. Insert rubber bumper to top panel centered into the 3 installation holes.



- b. Using the top panel as template, fold the rubber lip to reveal holes. Then mark and drill.

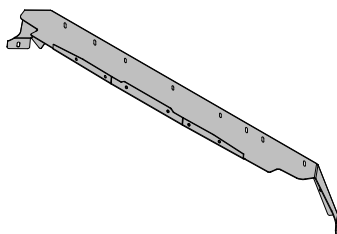
TOOLS

- Silver Marker
- 7/32 Drill Bit



NOTE:

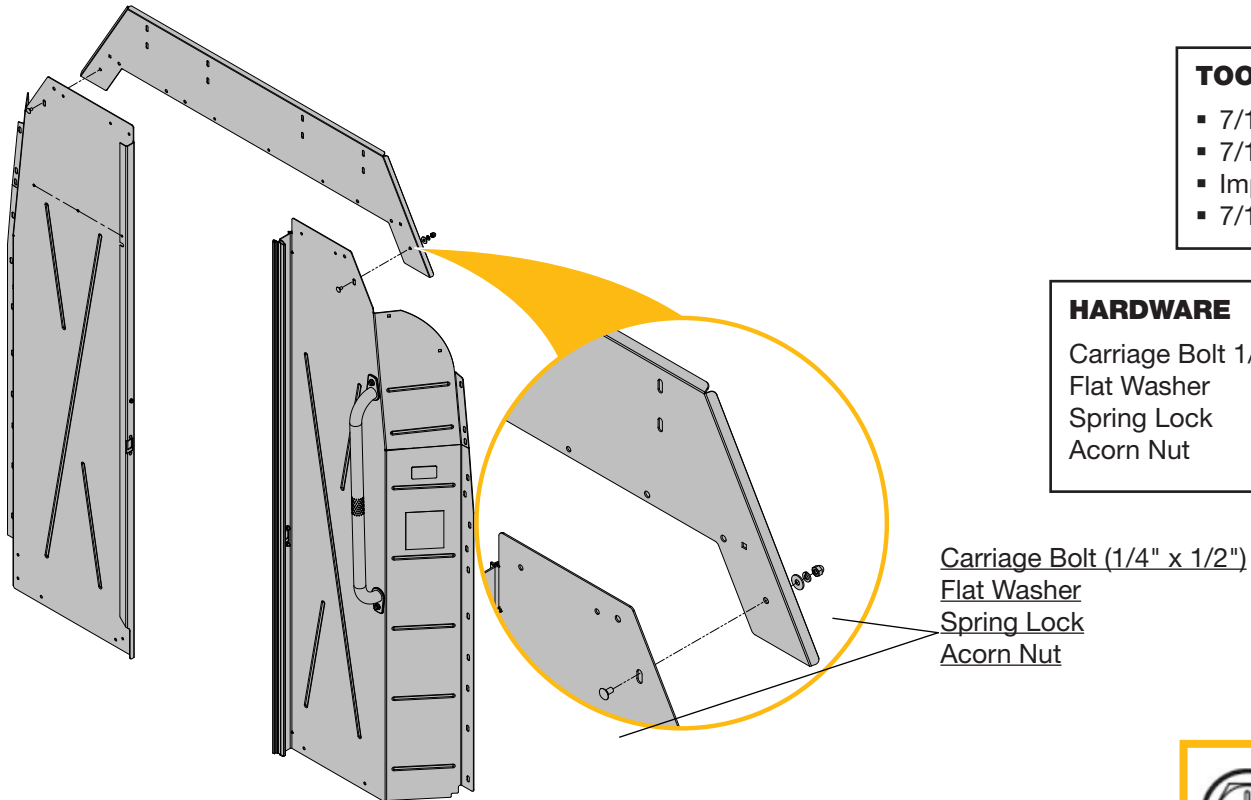
- For 3066-FTM use 30-791 Top mounting bracket (Mid Roof).



Assembly

STEP 5 Assemble top panel, driver side and passenger side panels.

a. Assemble top panel, driver and passenger side panel.



TOOLS

- 7/16 Wrench
- 7/16 Socket
- Impact Driver
- 7/16" Socket

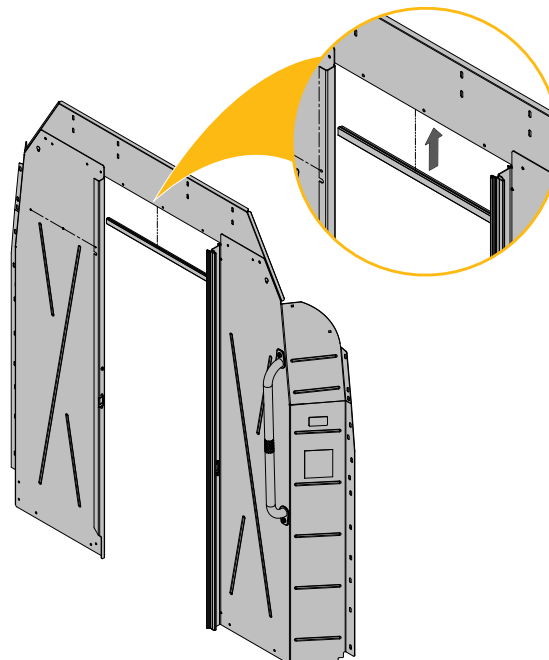
HARDWARE

Carriage Bolt 1/4" x 1/2"	Qty: 2
Flat Washer	Qty: 2
Spring Lock	Qty: 2
Acorn Nut	Qty: 2



Torque to
12 ft-lbs.


b. Insert pre-drilled rubber bumper.



Assembly

STEP 6 Assemble the rail to the top panel and screw the rubber bumper into the rail.

TOOLS

- 7/16 Wrench
- 7/16 Socket
- Impact Driver
- 7/64 Allen key 
- 7/16" Socket

HARDWARE

Acorn Nut	Qty: 2
Lock Nut	Qty: 2
Flat Washer	Qty: 2

Acorn Nut
Spring Lock
Flat Washer

HARDWARE

Bottom Head Screw 1/2" Qty: 2

Bottom head flanged screw 1/2"



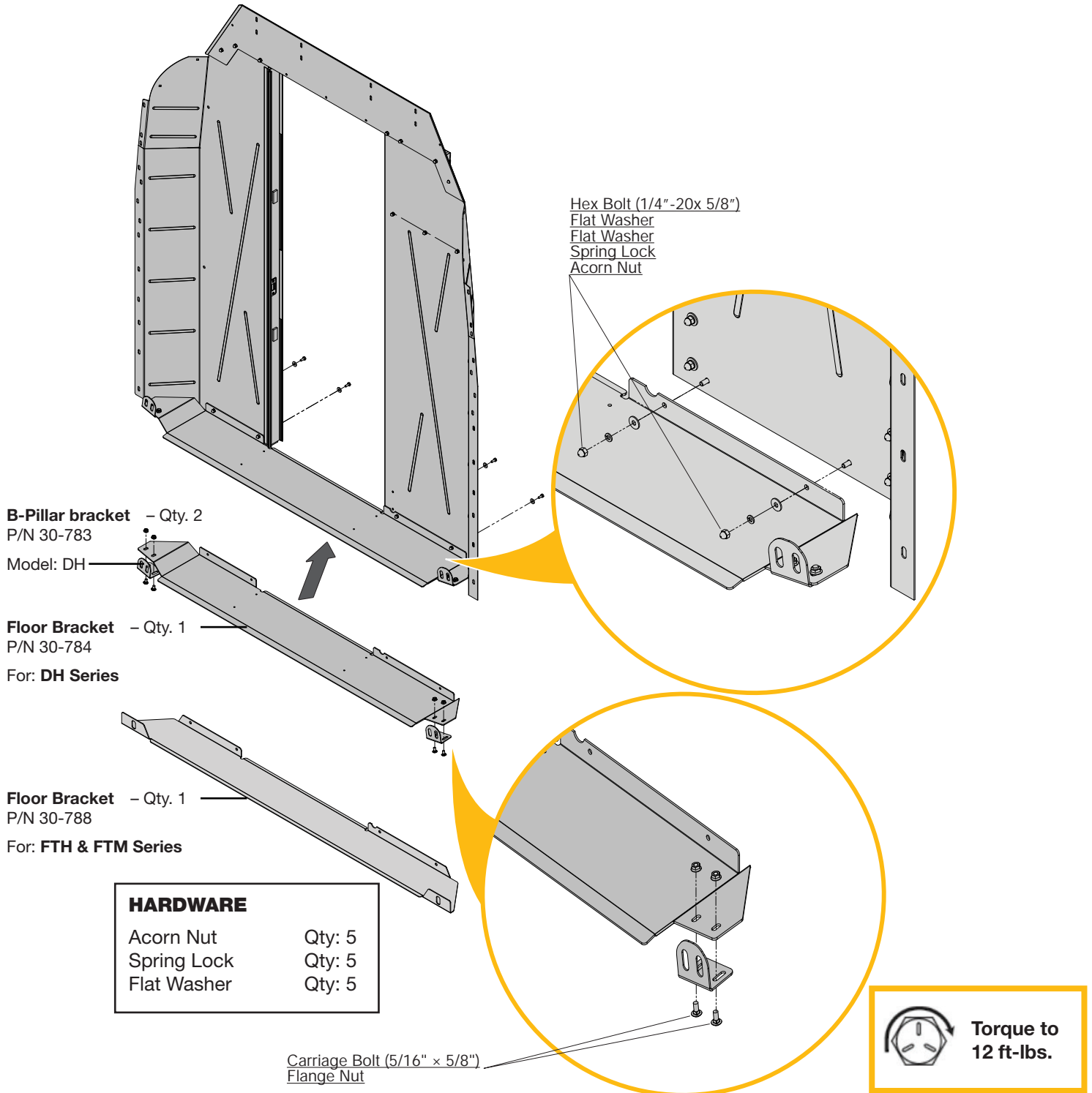
Torque to
12 ft-lbs.

Assembly

Note:

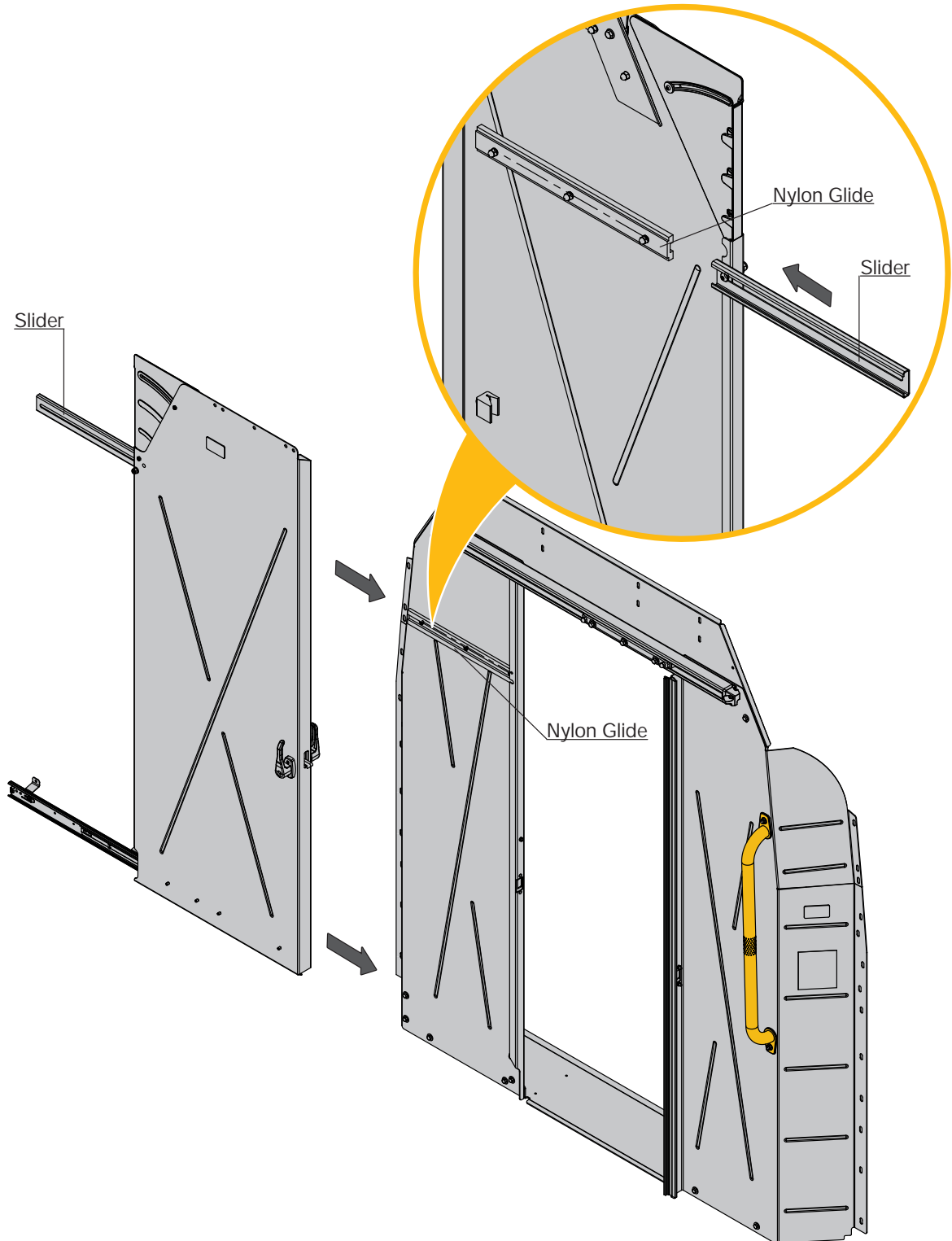
- For FTM and FTH series use 30-788 floor bracket and does not require B-pillar brackets.

STEP 7 Assemble floor bracket to the driver and passenger panels.



Assembly

STEP 8 Assemble the door slider into the nylon glide.

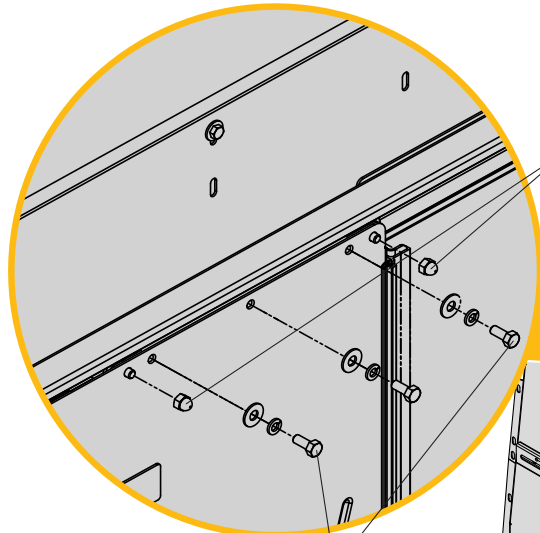


Assembly

STEP 9 Assemble door to the rail.

Note:

- Ensure the door is level before tightening the hardware.

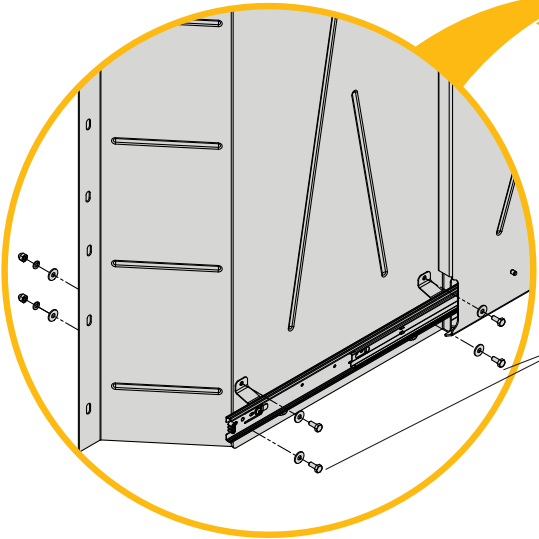
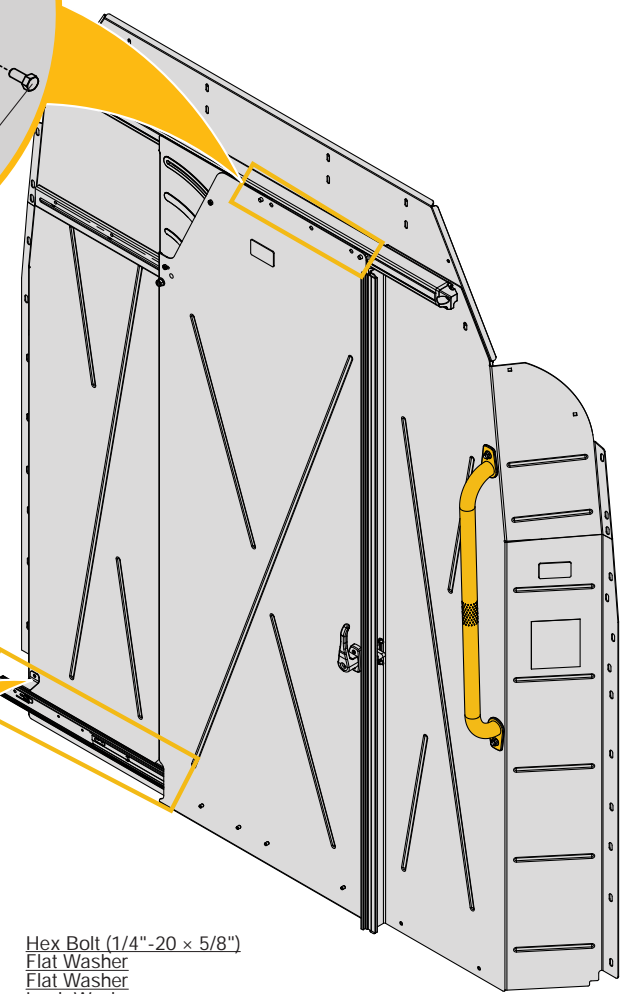


HARDWARE	
Acorn Nut	Qty: 2

TOOLS	
▪	7/16" Socket
▪	7/16" Wrench
▪	1/2" Socket
▪	1/2" Wrench
▪	Impact Driver

Hex Bolt (5/16" x 3/4")
Flat Washer
Lock Washer

HARDWARE	
Hex Bolt 5/16"-20 x 3/4"	Qty: 3
Flat Washer	Qty: 3
Lock Washer	Qty: 3



Hex Bolt (1/4"-20 x 5/8")
Flat Washer
Flat Washer
Lock Washer
Acorn Nut

HARDWARE	
Hex Bolt 1/4"-20 x 5/8"	Qty: 4
Flat Washer	Qty: 4
Flat Washer	Qty: 4
Lock Washer	Qty: 4
Acorn Nut	Qty: 4



**Torque to
12 ft-lbs.**

Installation

NOTE:

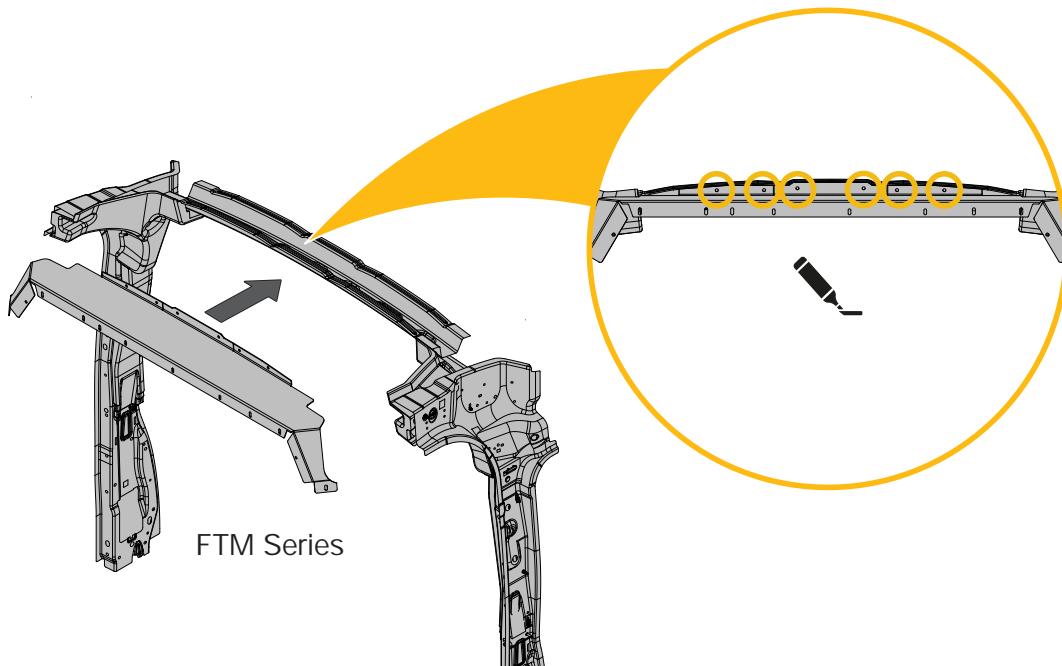
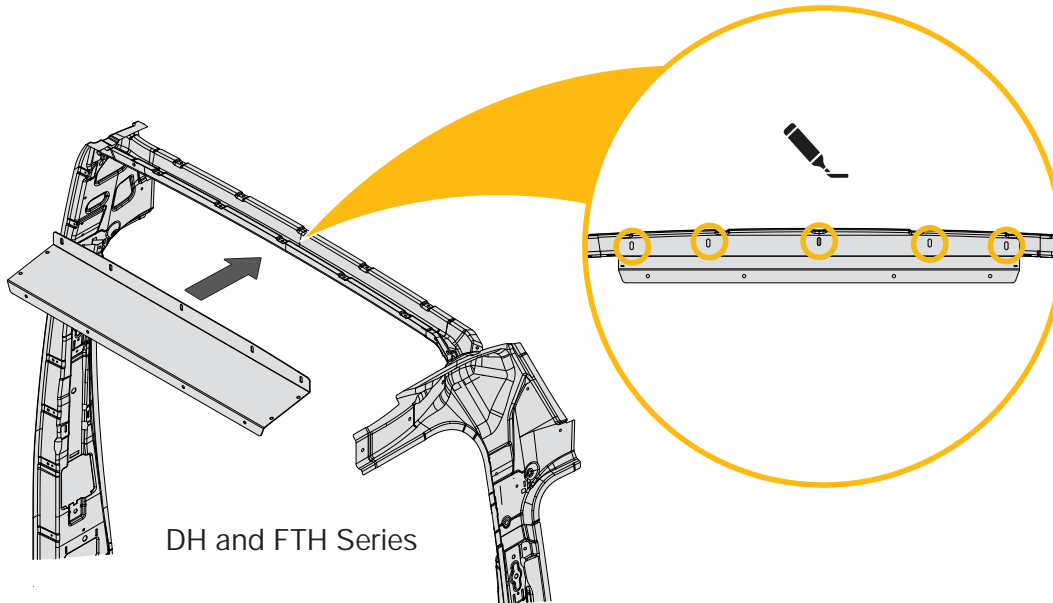
- This step does not apply for FTM Series.

STEP 10 Mark plus nut install points using the top bracket as a template.

- a. Mark holes to center of slot, to allow for further height adjustment.
- b. Center bracket left to right.

TOOLS

- Marker



Installation

For Plusnut Guidelines turn to page 26

STEP 11 Install plusnuts.

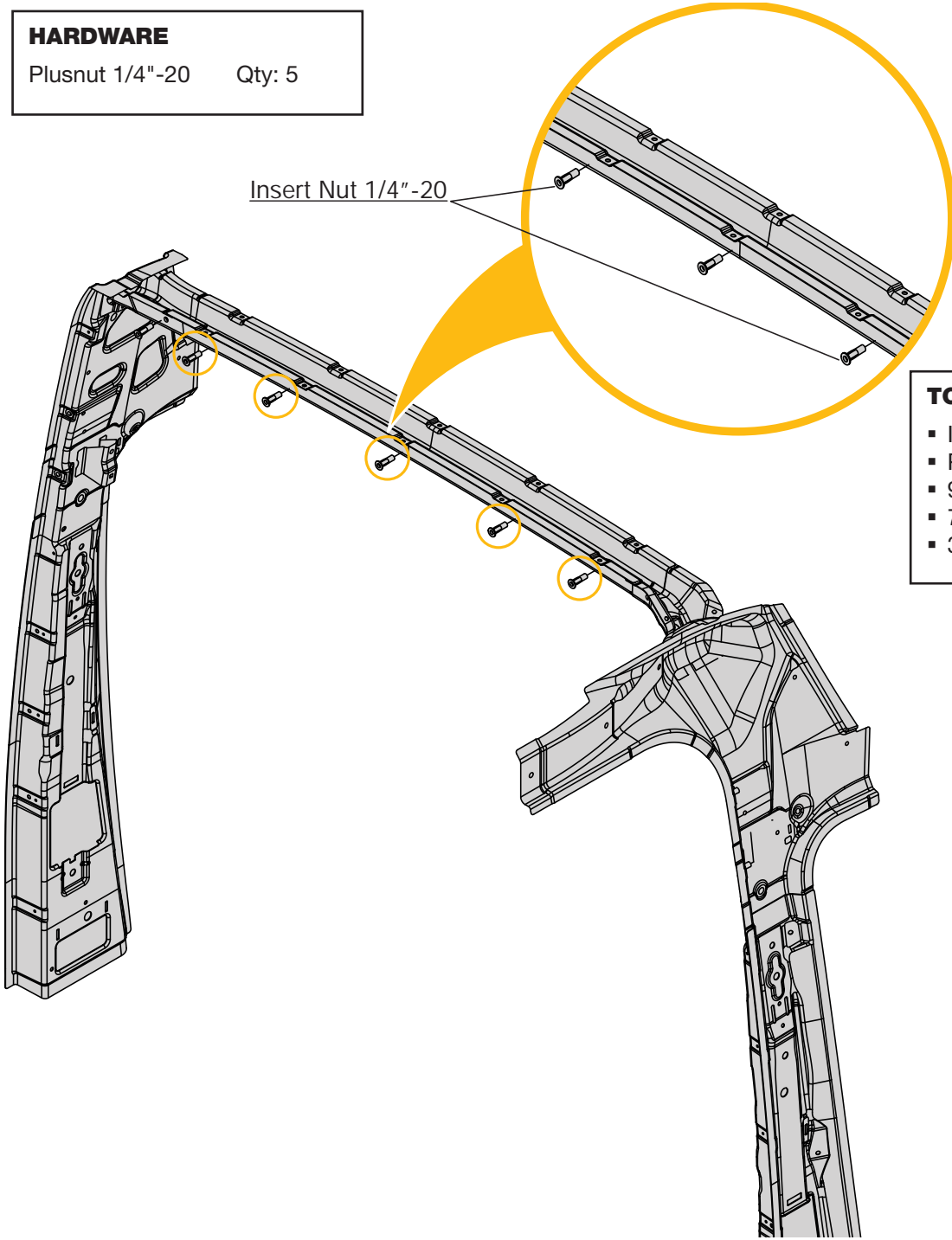
HARDWARE

Plusnut 1/4"-20 Qty: 5

Insert Nut 1/4"-20

TOOLS

- Impact Drill
- Plusnut Tool
- 9/16" Wrench
- 7/16" Socket
- 3/8" Drill Bit



Installation

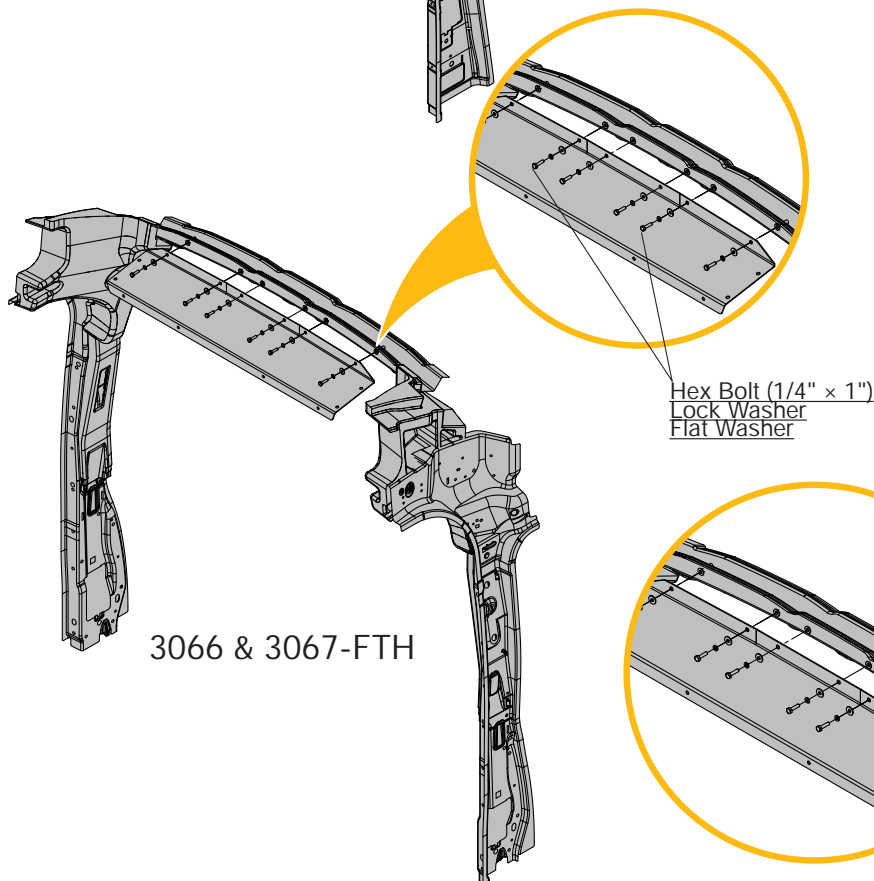
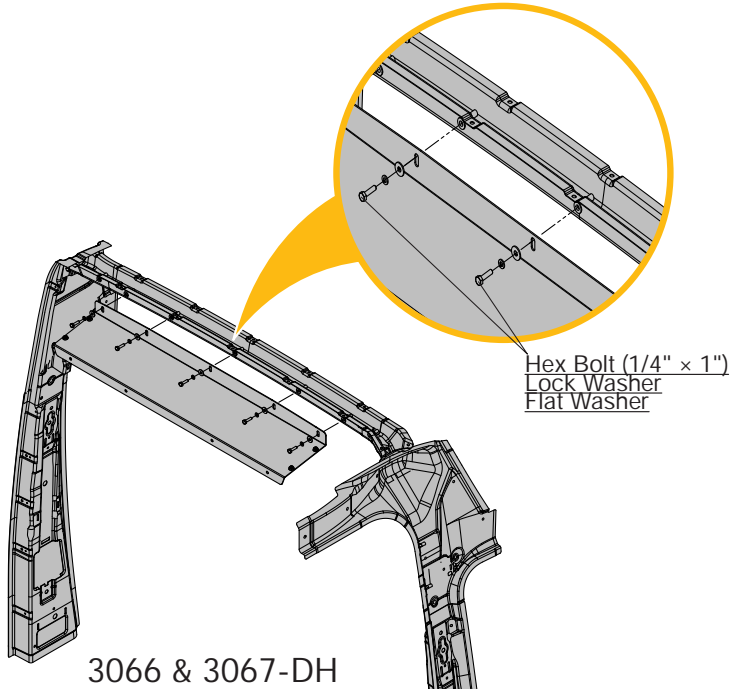
STEP 12 Install top mounting bracket using provided hardware.

TOOLS

- 7/16" Wrench
- 7/16" Socket
- Impact Driver

HARDWARE

Hex Bolt 1/4"-20 x 1" Qty: 5
Lock Spring Qty: 5
Flat Washer Qty: 5



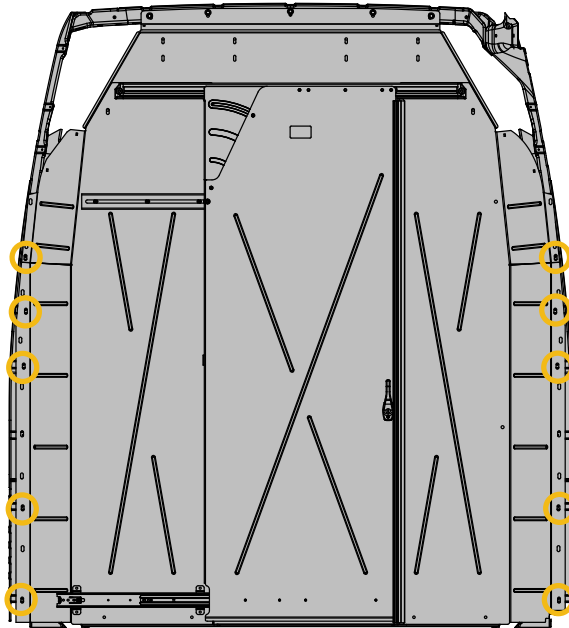
**Torque to
12 ft-lbs.**

Installation

STEP 13 Place partition, and mark hole locations.

Note: If B-pillar is covered with plastic trim.

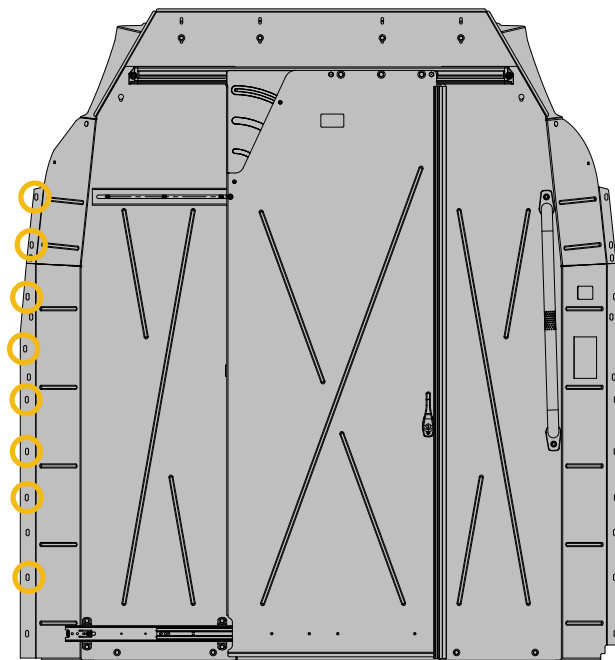
- Put the assembled partition in place, then mark all the holes through on the trim.
- Use 1" hole saw to drill a hole in the B-pillar plastic cover.



3066 & 3067-DH

TOOLS

- Marker
- 1" Hole Saw
- Cordless Drill



3066 & 3067-FTH
3066 & 3067-FTM

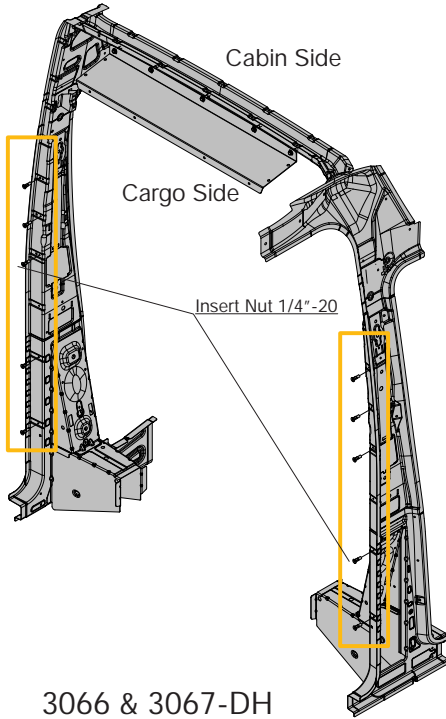
Note:

- For FTH & FTM Series mark only Driver side B-Pillar.
- For Passenger side installation use OEM install holes.

Installation

For Plusnut Guidelines turn to page. 28

STEP 14 Install plusnuts into B-pillar locations marked.

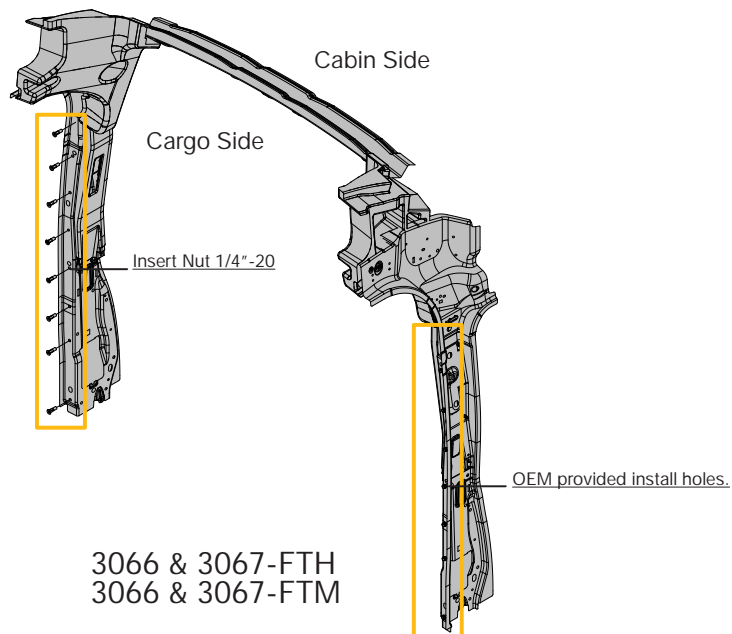


TOOLS

- 9/16 Wrench
- Plusnut Tool
- Impact Driver
- 3/8 Drill Bit
- Power Drill

HARDWARE

Plusnut 1/4"-20 Qty: 10



Installation

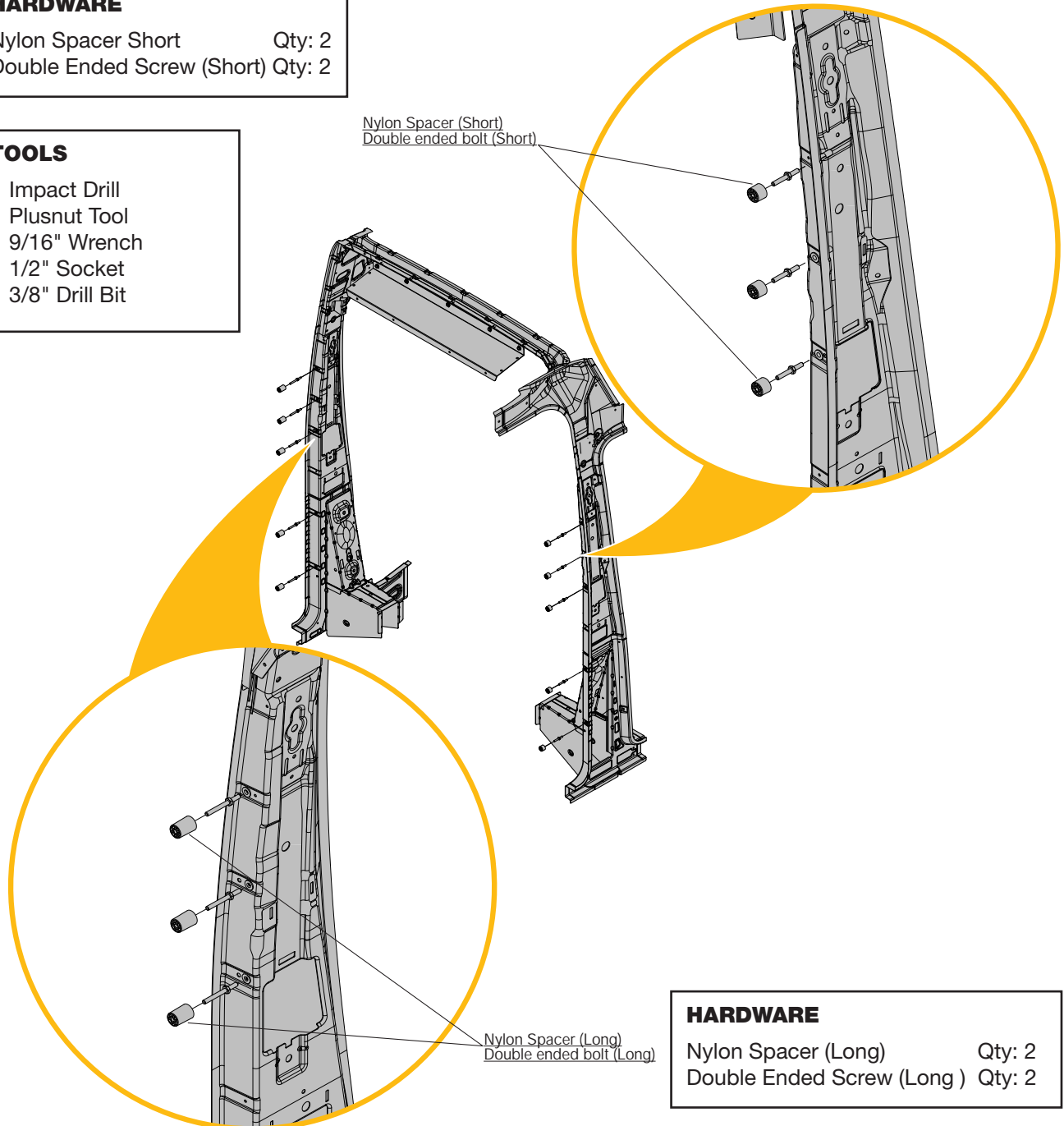
STEP 15 Install double ended studs into B-pillar location.

HARDWARE

Nylon Spacer Short Qty: 2
Double Ended Screw (Short) Qty: 2

TOOLS

- Impact Drill
- Plusnut Tool
- 9/16" Wrench
- 1/2" Socket
- 3/8" Drill Bit



HARDWARE

Nylon Spacer (Long) Qty: 2
Double Ended Screw (Long) Qty: 2

Installation

STEP 16 Fasten assembled partition to B-Pillars.

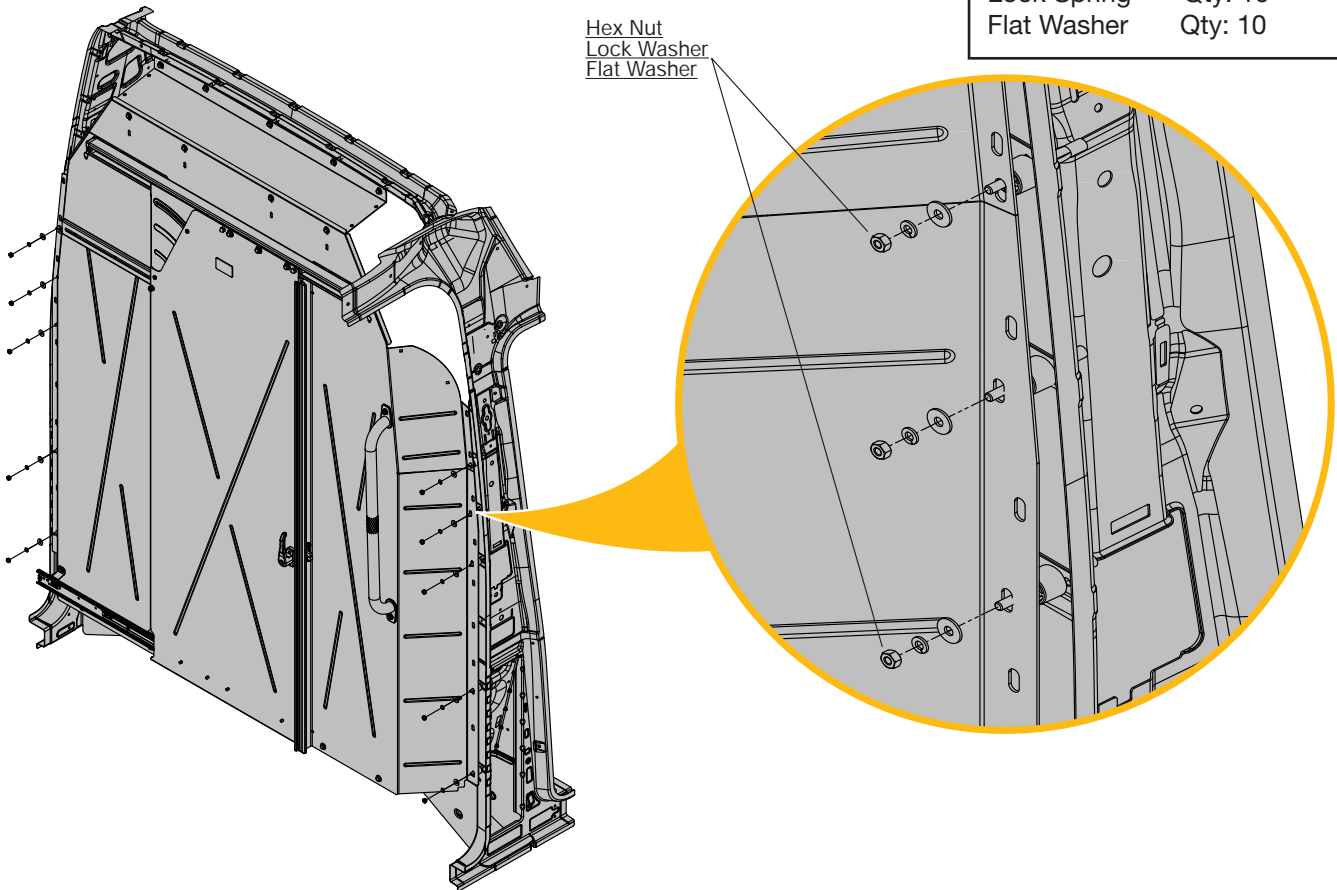
TOOLS

- 7/16 Socket
- Impact Driver

HARDWARE

Hex Nut	Qty: 10
Lock Spring	Qty: 10
Flat Washer	Qty: 10

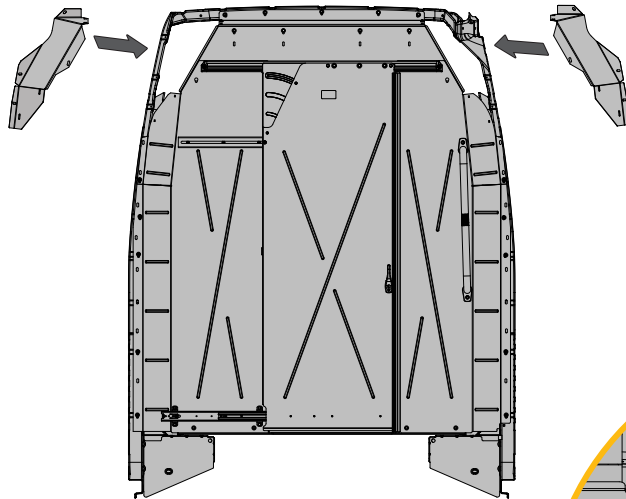
Hex Nut
Lock Washer
Flat Washer



Torque to
12 ft-lbs.

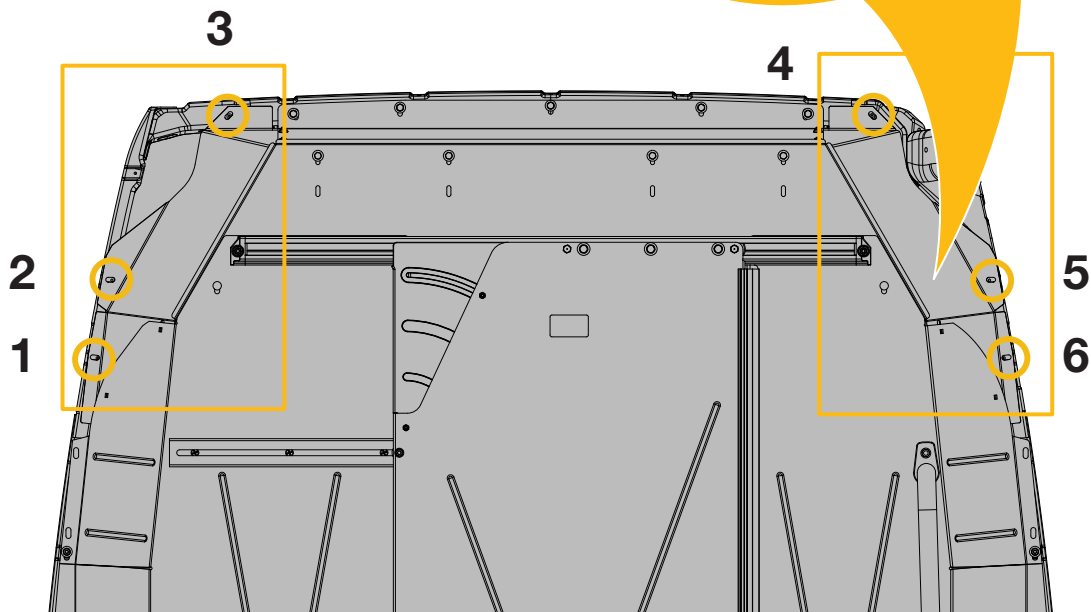
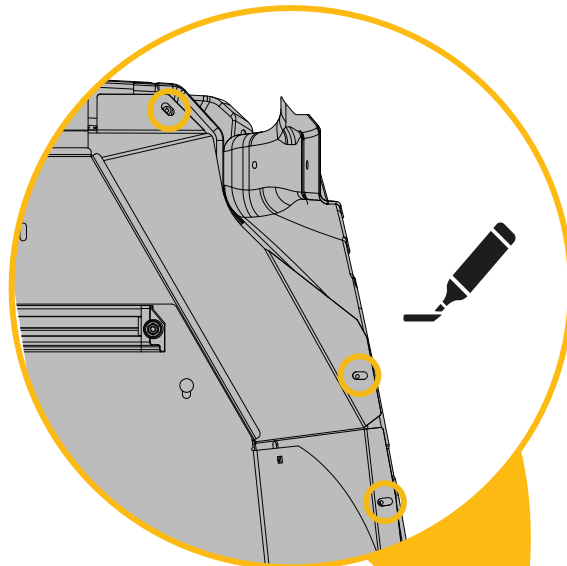
Installation

STEP 17 Use Passenger and Driver side foam blockers as templates to mark plusnut installation locations.



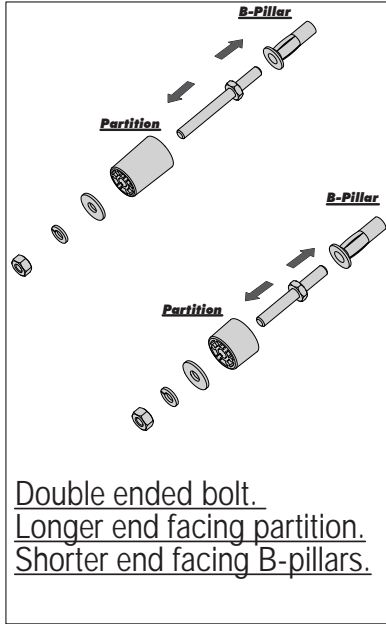
TOOLS

- Marker



Installation

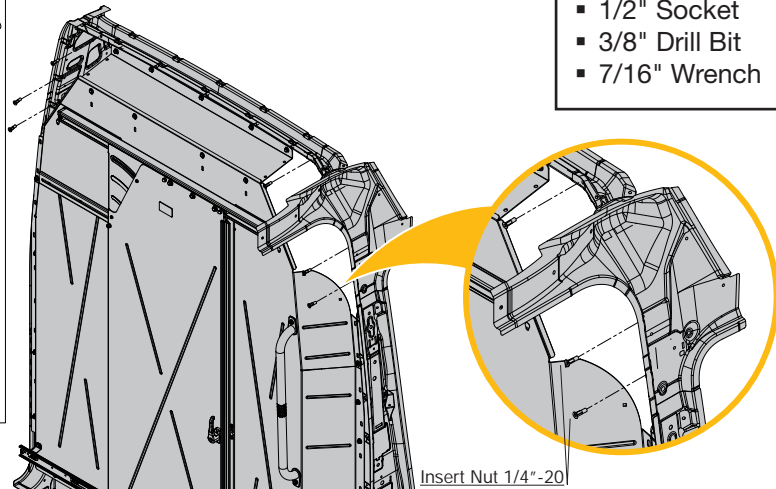
STEP 18 Install plusnuts and double ended studs to 6 top wing locations.



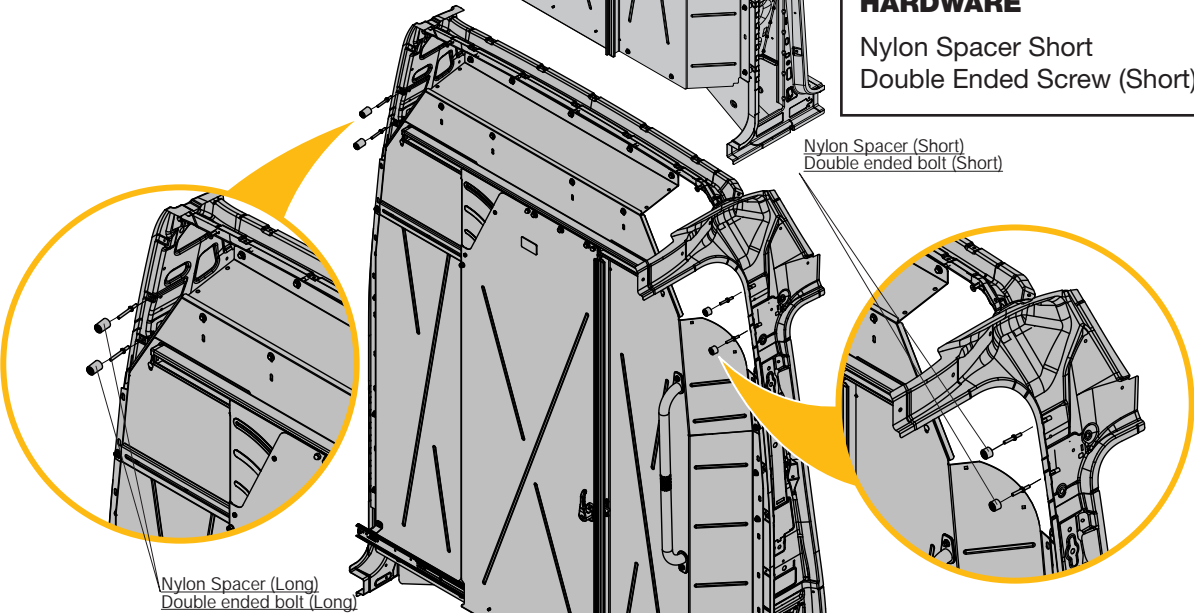
HARDWARE
Plusnut 1/4"-20 Qty: 4

TOOLS

- Impact Drill
- Plusnut Tool
- 9/16" Wrench
- 1/2" Socket
- 3/8" Drill Bit
- 7/16" Wrench



HARDWARE
Nylon Spacer Short Qty: 2
Double Ended Screw (Short) Qty: 2

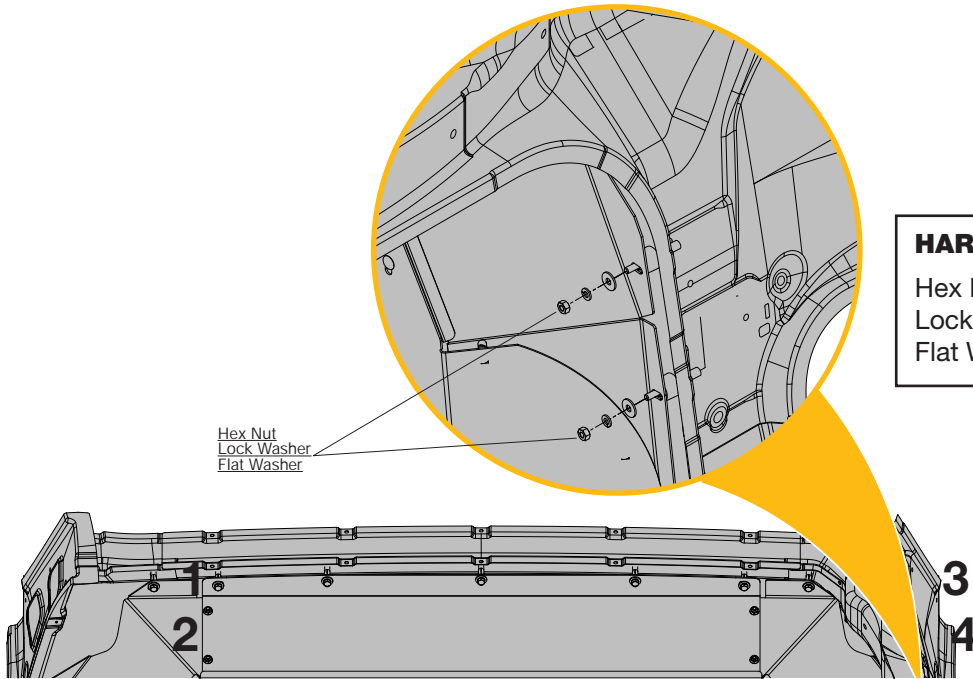


HARDWARE
Nylon Spacer (Long) Qty: 2
Double Ended Screw (Long) Qty: 2

 Torque to
12 ft.-lbs.

Installation

STEP 19 Attach top wing diver and passenger side to B-pillar and top roof brace.

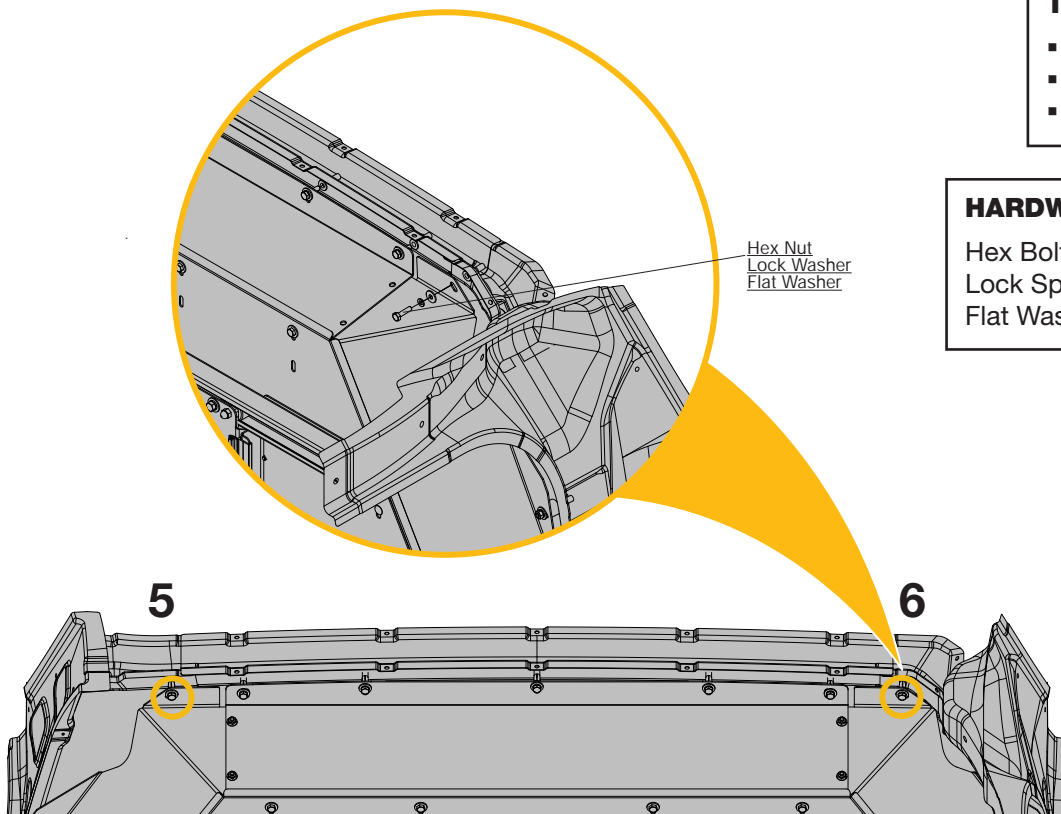


TOOLS

- 7/16 Socket
- Impact Driver

HARDWARE

Hex Nut	Qty: 10
Lock Spring	Qty: 10
Flat Washer	Qty: 10



TOOLS

- 7/16" Wrench
- 7/16" Socket
- Impact Driver

HARDWARE

Hex Bolt 1/4"-20 x 1"	Qty: 2
Lock Spring	Qty: 2
Flat Washer	Qty: 2



Torque to
12 ft-lbs.

Installation

STEP 20 Attach top wing panel to top bracket and side panel.

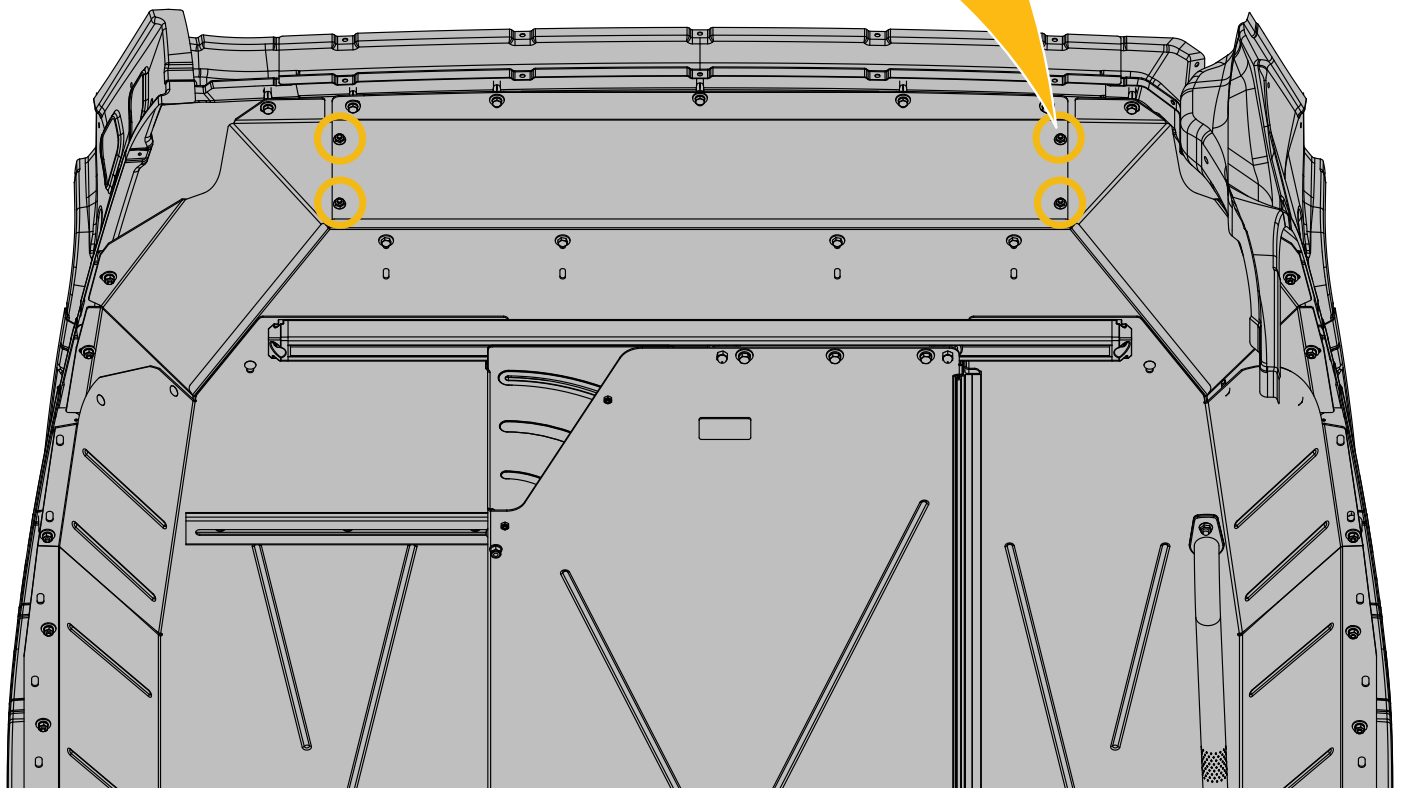
HARDWARE

Hex Bolt 1/4"-20 x 5/8"	Qty: 2
Flat Washer	Qty: 2
Flat Washer	Qty: 2
Serrated Nut	Qty: 2

TOOLS

- 7/16 Socket
- Impact Driver

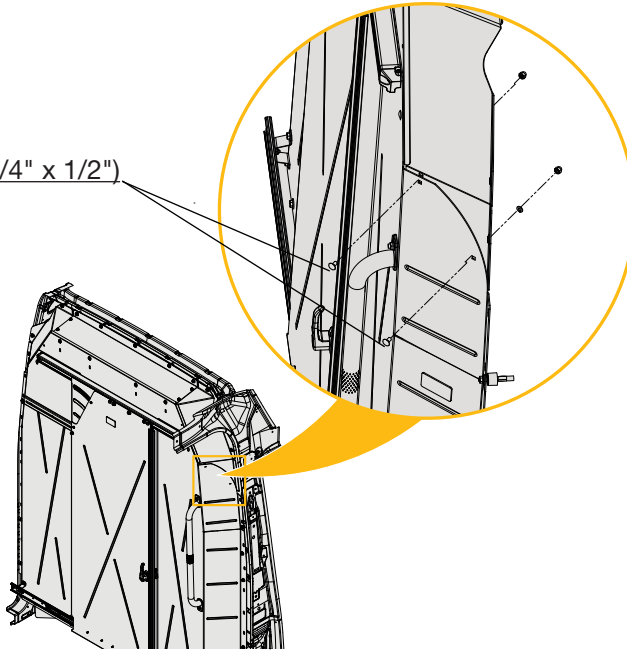
Hex Nut
Lock Washer
Flat Washer



Installation

STEP 21 Attach top wing panel to top bracket and side panel.

Carriage Bolt (1/4" x 1/2")
Flat Washer
Lock Nut
Acorn Nut



TOOLS

- 7/16" Wrench
- 7/16" Socket
- Impact Driver

HARDWARE

Carriage Bolt	Qty: 4
Flat Washer	Qty: 4
Lock Washer	Qty: 4
Acorn Nut	Qty: 4

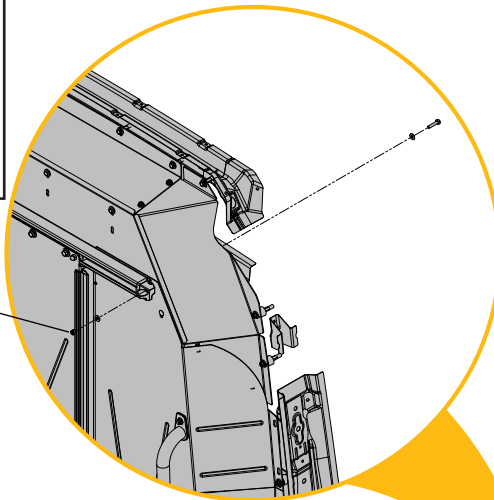


**Torque to
12 ft-lbs.**

HARDWARE

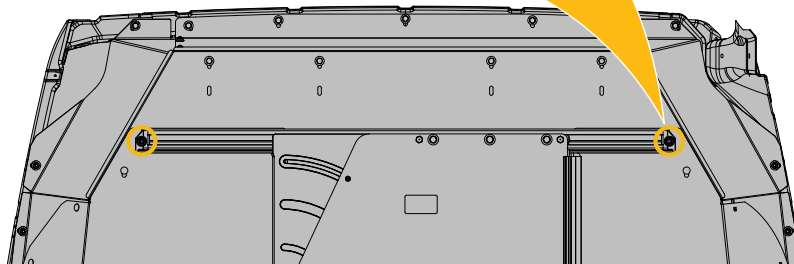
Hex Bolt 1/4"-20 x 1 1/4"	Qty: 2
Flat Washer	Qty: 2
Flat Washer	Qty: 2
Lock Nut	Qty: 2

Hex Bolt (1/4" x 1 1/4")
Flat Washer
Flat Washer
Lock Nut



TOOLS

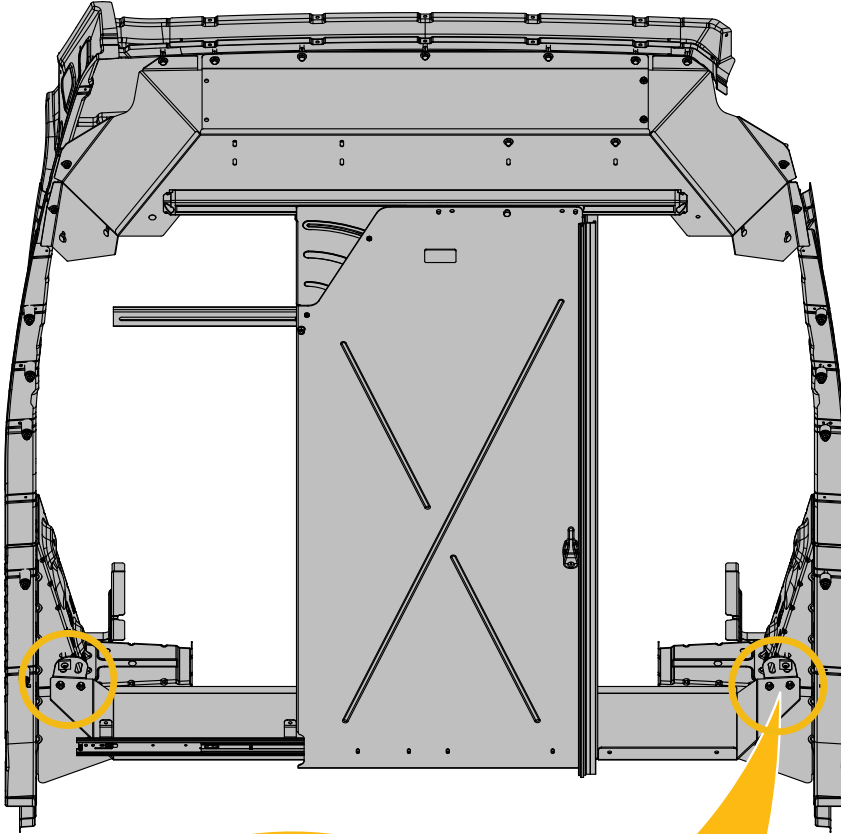
- 7/16" Wrench
- 7/16" Socket
- Impact Driver



**Torque to
12 ft-lbs.**

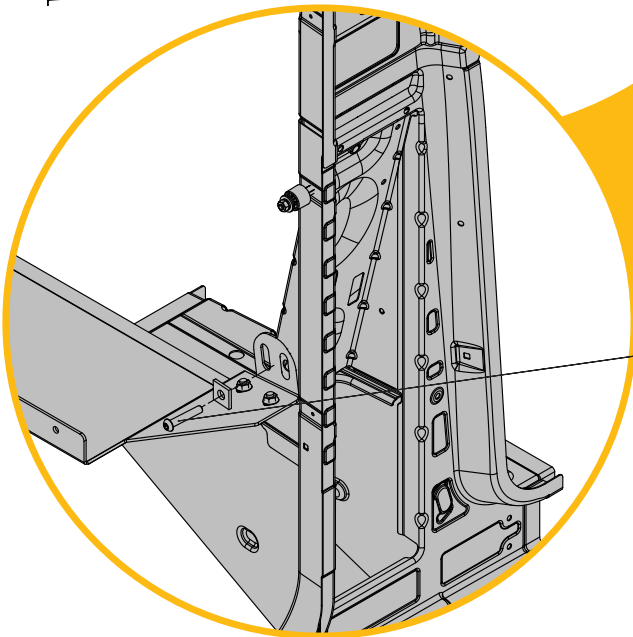
Installation

STEP 22 Attach floor bracket to both B-pillar.



TOOLS

- T-40 Torx Bit (DH Series)
- T-50 Torx Bit (FTH,FTM Series)
- Impact Drill



HARDWARE

Torx Screw 28mm	Qty: 2
Square Washer	Qty: 2

Torx Screw 28mm T-50 (FTH,FTM Series)
M8-1.25 x 45mm Black Oxide (DH Series)
Square Washer

Plusnut Guidelines

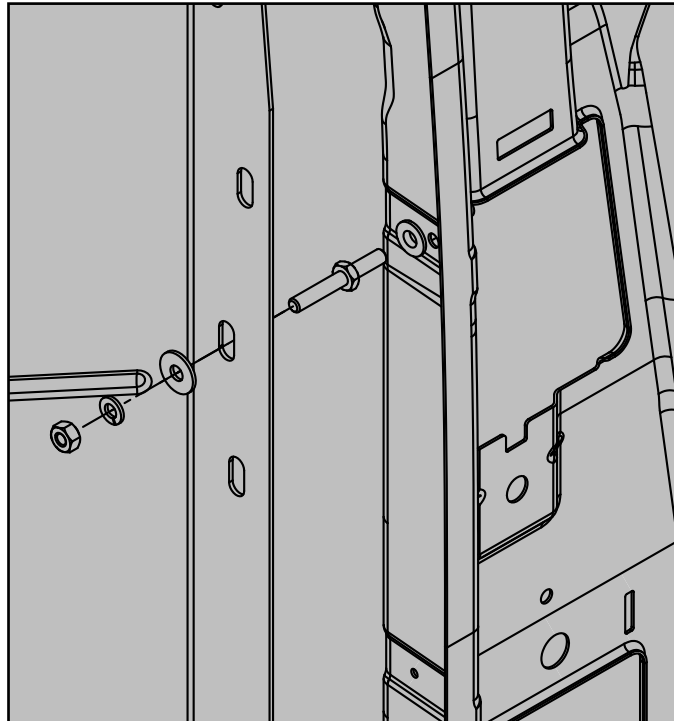


CAUTION: When drilling into sheet metal be sure to:

- Follow OEM-provided no-drill-zone guidelines.
- Rust protect all holes after drilling.

When attaching to sheet metal using plusnuts:

- Use plusnuts and fasteners provided in installation fastener kit and refer to the **Ranger Design Plusnut Installation Instructions** found in plusnut tool package.
- Follow the specific manufacturer's install guidelines if using alternative attachments to sheet metal.
- Use spacers provided in installation fastener kit when attaching partition to B-pillars with plastic trims.





You have successfully assembled and installed your Sliding Door Partition.

Thank you for doing business with us.

For technical support, contact us at 1-800-565-5321.

For any feedback or suggestions you may have, please contact cs@rangerdesign.com.

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