

PRODUCT WEIGHT
130 LBS

WIDTH x DEPTH x HEIGHT

SPRINTER HR

CAPACITY

N/A

COLOR

GRAY

CATALOG NUMBER

SPARSPH

PRODUCT FEATURES

THE SLIDING PARTITION FOR THE SPRINTER HIGH ROOF VAN ALLOWS FOR FULL SEAT TRAVEL AND PARTIAL RECLINE OF BOTH THE DRIVER AND PASSENGER SEATS. PARTITION WILL WORK WITH BOTH SINGLE AND DUAL SLIDING DOOR MODELS. THE INTERIOR FOAM AND TRIM WILL NEED TO BE MODIFIED TO MOUNT THE PARTITION. ACCESSORIES CAN BE MOUNTED TO THE PASSENGER SIDE PANEL WITH EXISTING HOLES OR DRILLED HOLES. SEE NEXT PAGE FOR ACCESSORIES.

SEE PAGE 2 FOR APPLICATION NOTES AND ACCESSORIES, OTHER PRODUCTS THAT WORK WITH THIS UNIT.



CATALOG NUMBER SPARSPH

PRODUCT APPLICATION

This product is designed to be installed into the Sprinter High Roof Cargo Van

ACCESSORIES THAT WILL WORK WITH THIS PRODUCT

<i>CATALOG NUMBER</i>	<i>DESCRIPTION</i>
PA7	REFLECTOR KIT (EXISTING HOLES FOR MOUNTING)
PA8	FIRE EXT.1A:10BC 2.5# (DRILLING REQUIRED TO MOUNT)
PA9	FIRST AID TRAY (EXISTING HOLES FOR MOUNTING)
GHSPR	GRAB HANDLE, SPRINTER (EXISTING HOLES)
SPARLHK	SLIDING PARTITION, LOCKING HANDLE KIT

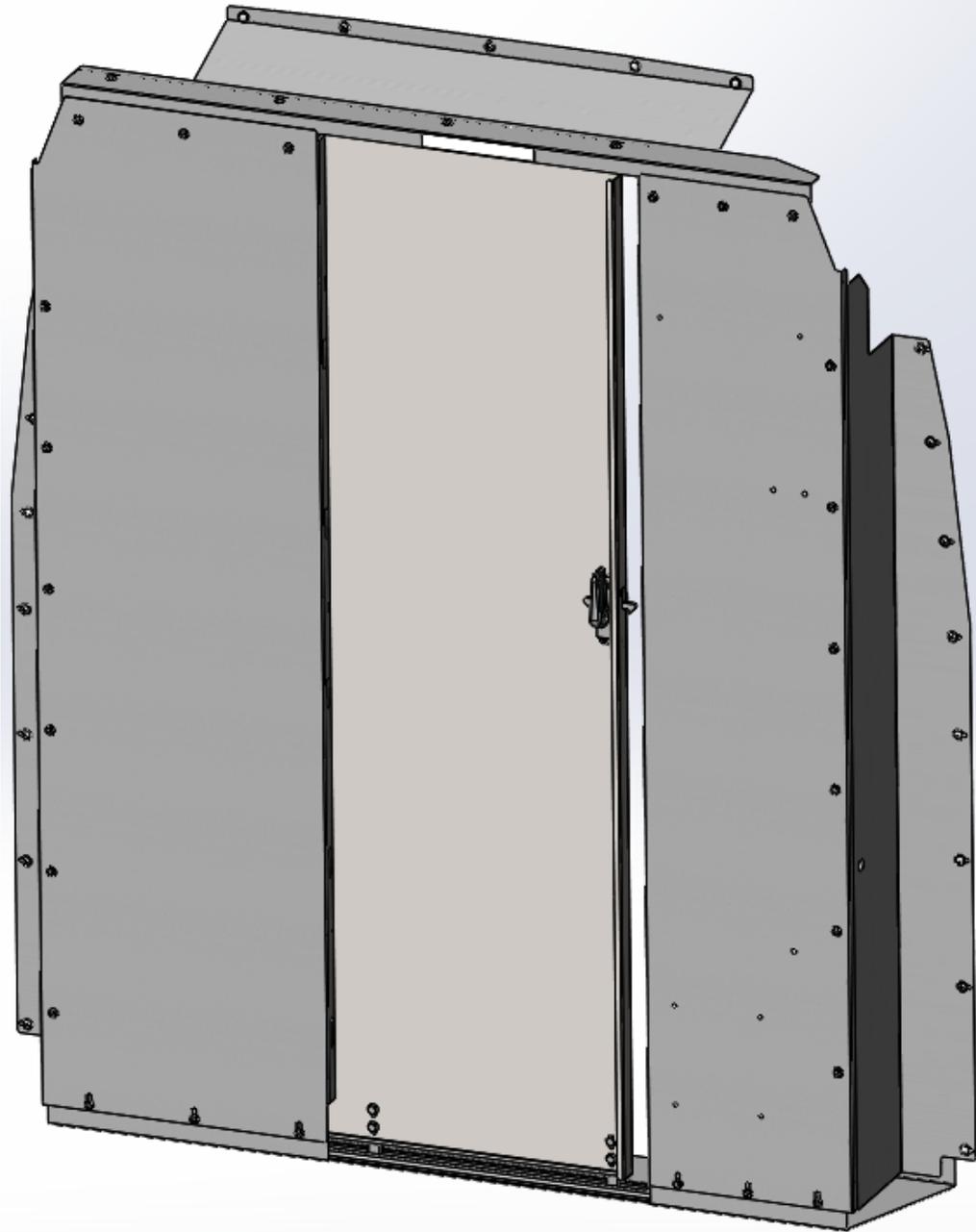
SPECIAL APPLICATION NOTES

Introduction / Comments:

ASSEMBLY INSTALLATION INSTRUCTIONS FOR THE SPARSPH—SLIDING PARTITION, SPRINTER HIGH ROOF

Note:

It is advised that all fasteners used in this assembly and installation should be checked for tightness at the following intervals: @ 2-weeks and again @ 6-weeks of operation. This preventive maintenance step must be completed to ensure your Partition gives you long service life.



**SPARSPH
SLIDING PARTITION, SPRINTER HIGH ROOF**

- PRECAUTIONS -



CAUTION
THE USE OF AIR IMPACT TOOLS CAN
OVER-TORQUE FASTENERS AND
CAUSE FASTENER FAILURE!



CAUTION
ALL INSTALLATION HOLES SHOULD BE SEALED
WITH SILICON OR BUTYL SEALANT TO PREVENT
EXHAUST FUMES FROM ENTERING THE VEHICLE!



DANGER
INSPECT FOR FUEL TANK, FUEL LINES, BRAKE LINES, HIGH
VOLTAGE BATTERIES AND ELECTRICAL LINES PRIOR TO
DRILLING TO AVOID DAMAGING CRITICAL VEHICLE SYSTEMS
OR INJURY TO INSTALLER DURING INSTALLATION PROCESS!



CAUTION
TO AVOID DAMAGING THE VEHICLE ALWAYS
USE DRILL STOPS WHEN DRILLING ANY IN-
STALLATION HOLES!



- IMPORTANT WARRANTY REQUIREMENTS -

1. SUBSTITUTING ADRIAN STEEL SPECIFIED FASTENERS FOR ASSEMBLY AND/OR INSTALLATION WILL VOID YOUR PRODUCT WARRANTY.
2. ALL HOLES DRILLED INTO VEHICLE SHOULD HAVE THE RAW METAL EDGES SEALED WITH A SELF-ETCHING PRIMER TO RESIST CORROSION AND POTENTIAL FASTENER POINT FAILURE.
3. ALL FASTENERS USED IN THE INSTALLATION OF THIS PRODUCT SHOULD BE TIGHTENED TO THE TORQUE(S) SPECIFIED IN THESE INSTRUCTIONS.
4. THESE INSTRUCTIONS SHOULD BE KEPT WITH THE VEHICLE.

THE BASIC TOOLS NEEDED FOR MOST INSTALLATIONS



DRILL



DRILL BIT WITH
STOP



RATCHET, SOCKETS
AND/OR WRENCHES



SCREWDRIVERS



MEASURING TAPE

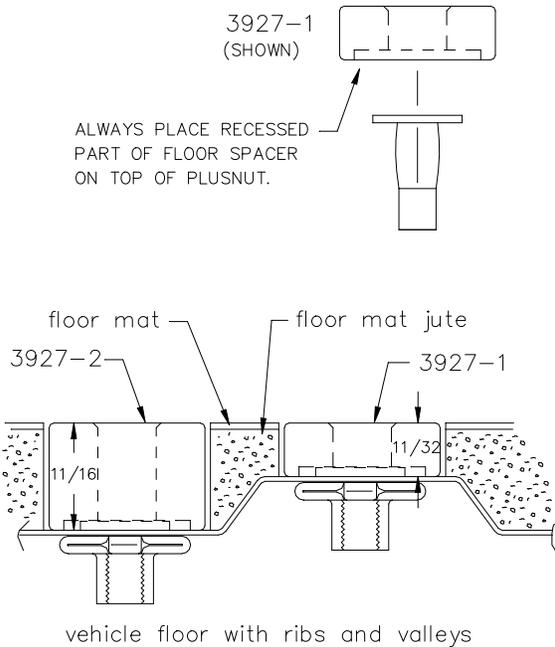
ADDITIONAL TOOLS MAY BE NEEDED FOR THIS INSTALLATION AND THEY WILL BE IDENTIFIED IN THE STEPS THAT FOLLOW.

If your vehicle contains carpet or a rubber floor mat you will need to prepare the mounting location. Position the product to be installed into the vehicle and once you are satisfied with the mounting locations, mark the mounting locations. Using a 1-3/16" diameter carpet cutter (P/N: 31183-0). Select the appropriate floor spacers as shown in the illustration. Set those aside for use later into the installation process.

Using the correct drill bit size for the selected plusnut, drill the mounting holes in the vehicle sheet metal to prepare for installing the plusnuts.

If you are thru-bolting at any of the locations simply drill a hole that is 1/16" larger than the bolt size(s) for those locations.

Once you have drilled the holes into the vehicle, the raw metal edges should be sealed using a self-etching primer to resist corrosion and potential fastener point failure.



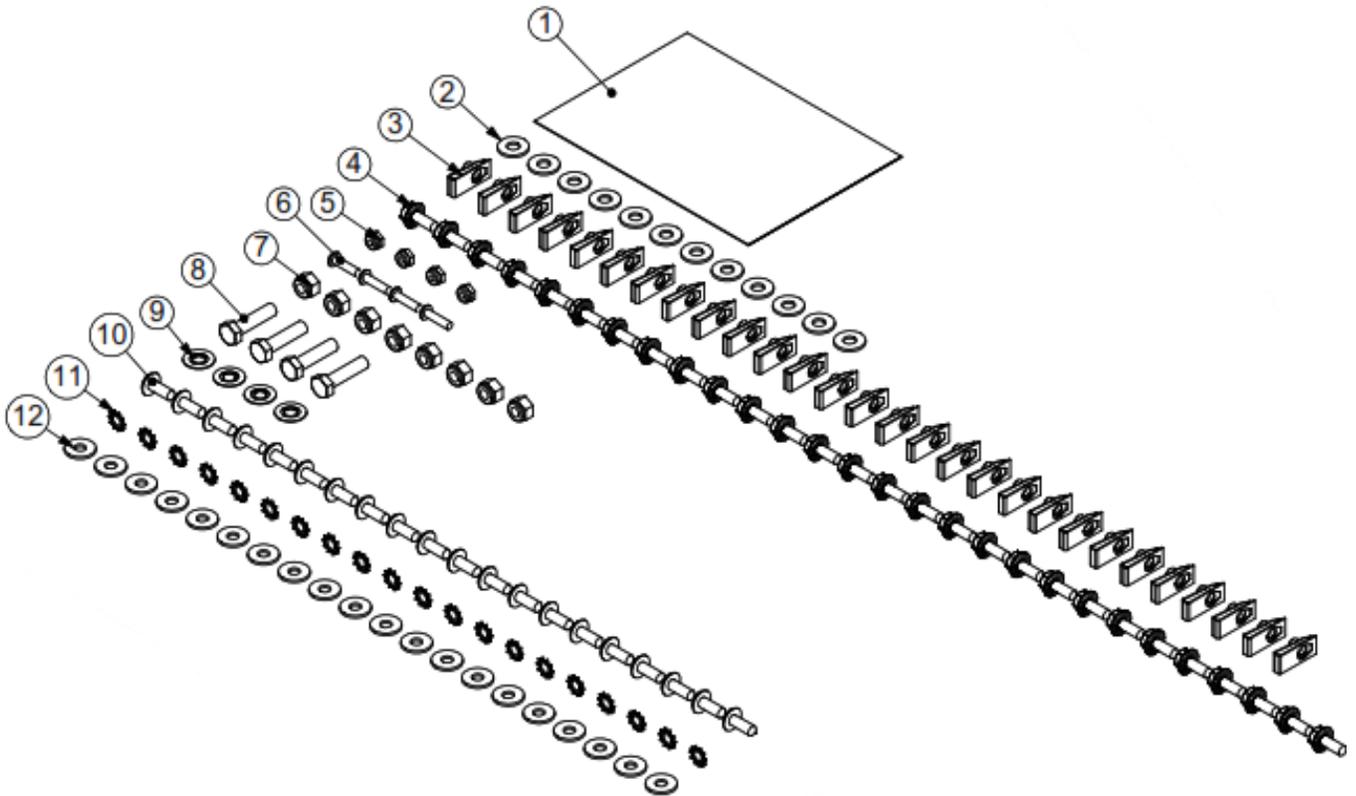
A PLUSNUT (RIVNUT) SETTING TOOL IS REQUIRED FOR PLUSNUT (RIVNUT) INSTALLATION AND IS SUPPLIED WITH THIS KIT. OR USE AN AIR POWERED PLUSNUT SETTING GUN.

<u>1/4-20UNC Plusnut (FAS0052)</u>	Use 3/8" dia. drill w/stop
FAS0080	SCREW, HXHD, 1/4-20UNCx2.00", G8
FAS0067	WASHER, FLAT, 1/4"ID
22200-0	PLUSNUT TOOL
<u>5/16-18UNC Plusnut (FAS0091)</u>	Use 1/2" dia. drill w/stop
FAS0095	SCREW, HXHD, 5/16-18UNCx2.00", G8
FAS0086	WASHER, FLAT, 5/16"ID
22200-0	PLUSNUT TOOL

Place barrel of the plusnut body in sheet metal thru hole until flange is flush with sheet metal.
Using a 9/16" combination wrench of plusnut tool body and a second hand wrench, ratchet, or air tool, rotate the hex bolt head CW to draw plus nut flanges up (set the plusnut).

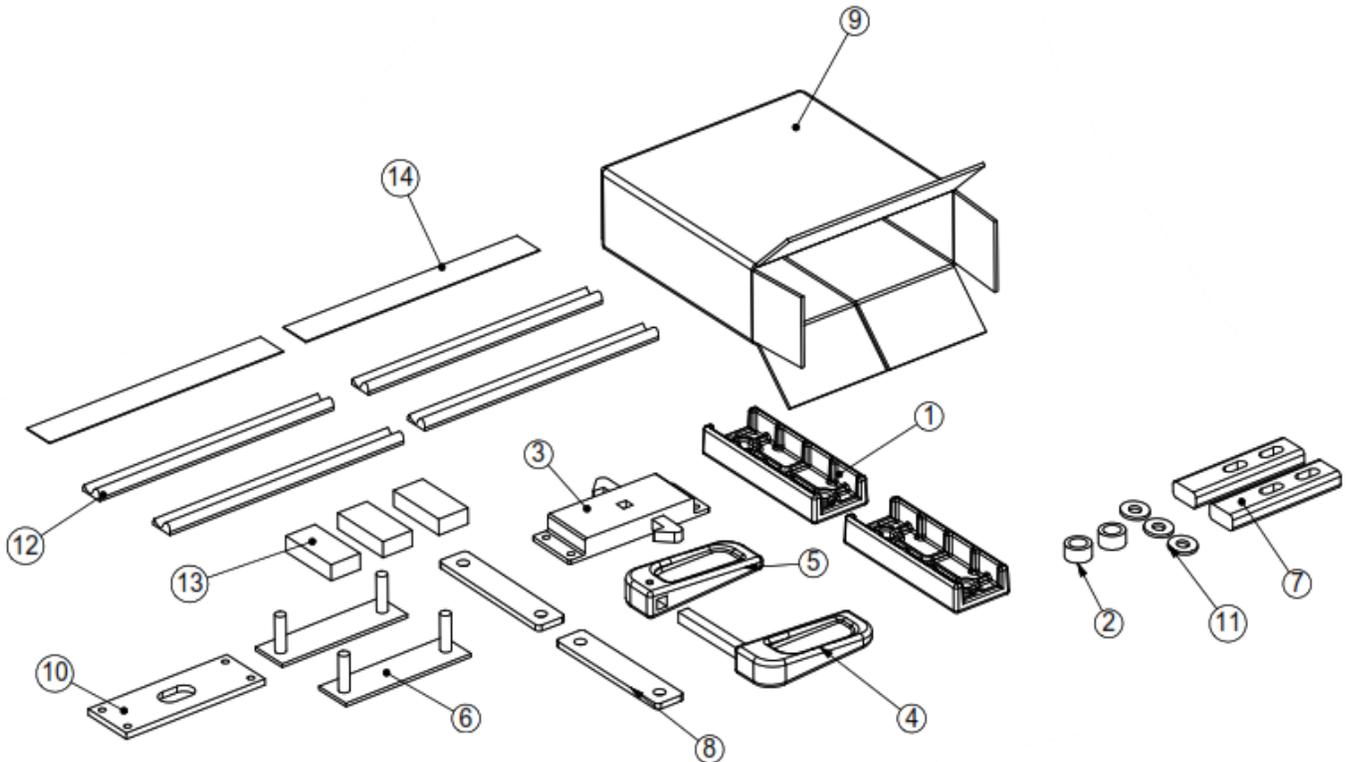
Assembly and Installation
Fastener Identification Sheet
(BAG62674)

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	BAG0507-A	5" x 7" 3MIL AUTOBAG	1
2	FAS0124	WASHER,FLAT USS 1/4 ZN	12
3	FAS0274	NUT, CLIP-ON, U-STYLE, 1/4-20UNC	28
4	FAS0018	SCREW,HH SFLNG 1/4-20X.62 ZP	28
5	FAS0029	NUT,HEX NLK 10-24 ZP	4
6	FAS0674	SCREW,BHCS 10-24X.75 SS	4
7	FAS0090	NUT,HEX NLK 5/16-18 ZP	8
8	FAS0587	SCREW,HH 5/16-18X1.25G5ZN	4
9	FAS0557	WASHER, RET 5/16, NY	4
10	FAS0041	Screw, Truss Hd Phillips Tapping, #14-10x0.75 (A)	20
11	FAS 0066	Washer, Lock, Ext. Tooth, 1/4	20
12	FAS0067	WASHER,FLAT USS 1/4 ZP	20



Assembly and Installation
HARWARE KIT
(HDW62569)

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	30245-0	GLIDE-LK8	2
2	59180	BUSHING, 0.750 x .419 LG	2
3	58084-0	LATCH ASSEMBLY	1
4	58084-1	HANDLE AND SHAFT ASSEMBLY	1
5	58084-2	HANDLE ASSEMBLY	1
6	53865	GLIDE SUPPORT ASM, LK	2
7	59183	GUIDE BLOCK	2
8	59182-G	GUIDE BAR BACKER, GRAY	2
9	CRT06987-A	CARTON HARDWARE FOR KD	1
10	59288	LATCH SPACER	1
11	FAS0688	WASHER, FLAT .36X.81 BK	3
12	52666	GASKET, D-SECTION, 8"LG	4
13	60991	FOAM STRIP 1/2"X1.0"X2.0"	3
14	51401	CONSPICUITY TAPE, 1 X 8	2



VEHICLE PREP: HEAD IMPACT FOAM INSERT AND B PILLAR MODIFICATIONS

NOTE: If your Sprinter, either Standard or High Roof models, comes with a factory installed partition and you plan on installing an Adrian Steel "SMC" partition you **MUST** order from your Mercedes dealership the head impact foam inserts for your particular Sprinter van model.

NOTE: The standard roof Sprinter vans **DO NOT REQUIRE** Head Impact Foam Insert modifications.

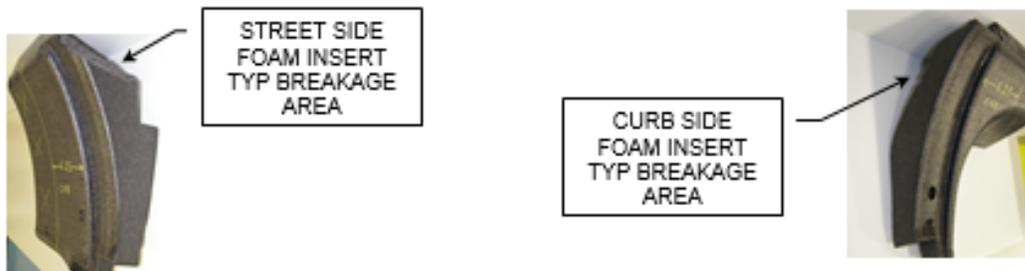
NOTE: The high roof Sprinter vans **REQUIRE** Head Impact Foam Insert modifications. Rework involves removing inserts from the vehicle, removing foam material (as shown below), and then re-installing inserts back into the vehicle. In addition, reworking of the Street side foam insert results in exposing of the wire harness running along the top street side wall section.

SPRINTER HIGH ROOF HEAD IMPACT FOAM INSERT MODIFICATIONS:

STEP 01: For the street side measure 6.25" from the cab area headliner and mark foam as shown in the left side photo below. Repeat procedure for the curb side foam insert.



STEP 02: Next remove the inserts by pulling down on the inserts removing the Velcro attachment pads. The molded foam inserts have features that partial wrap around each "B" pillar, these features will break off during removal, discard this broken off section.



STEP 03: Cut foam along previously marked lines (from STEP 01) and re-install modified foam insert back in vehicle as shown below. Photographs below show inserts reinstalled in vehicle.



SPRINTER HIGH ROOF B-PILLAR MODIFICATIONS:

NOTE: On 2019 and newer Sprinter models, the B-Pillar trim will need to be modified by removing the rear portion on both sides of the van. This will allow access to sheet metal underneath the trim and a stable mounting point for the wing kits of the partition.

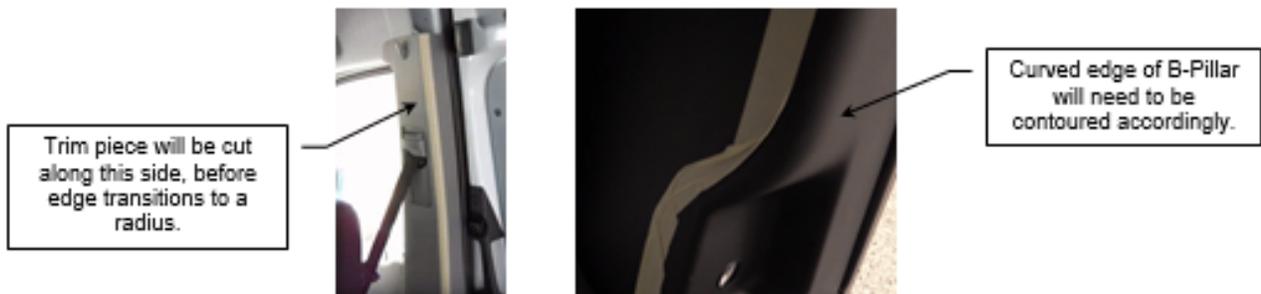
See YouTube videos for process instructions:

<https://vimeo.com/390504035/4b1156f73a>

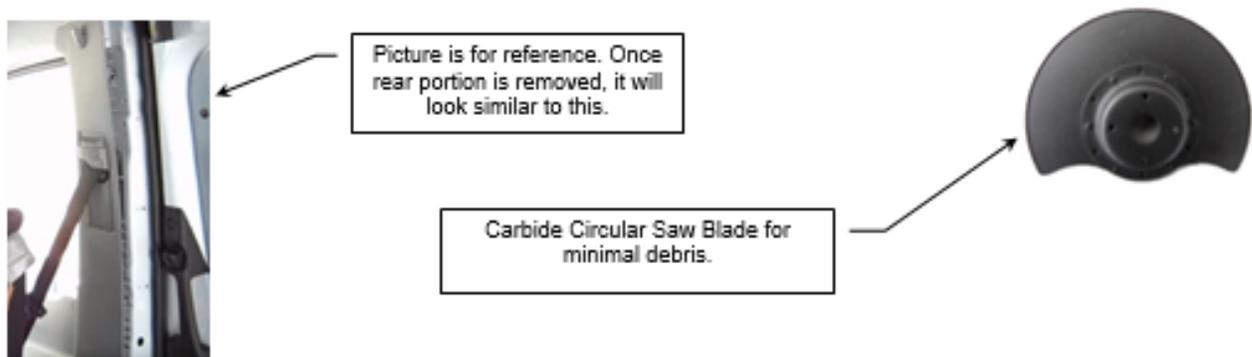


Step 01: Remove D-Rings located at the bottom of the B-Pillar using a power drill and a torque bit. These will not be needed when installing a steel partition.

Step 02: Using masking tape, create a cutting line ensuring one side of the tape is along the edge before it transitions to a radius. Tape will contour and follow the radius all the way down the B-Pillar.



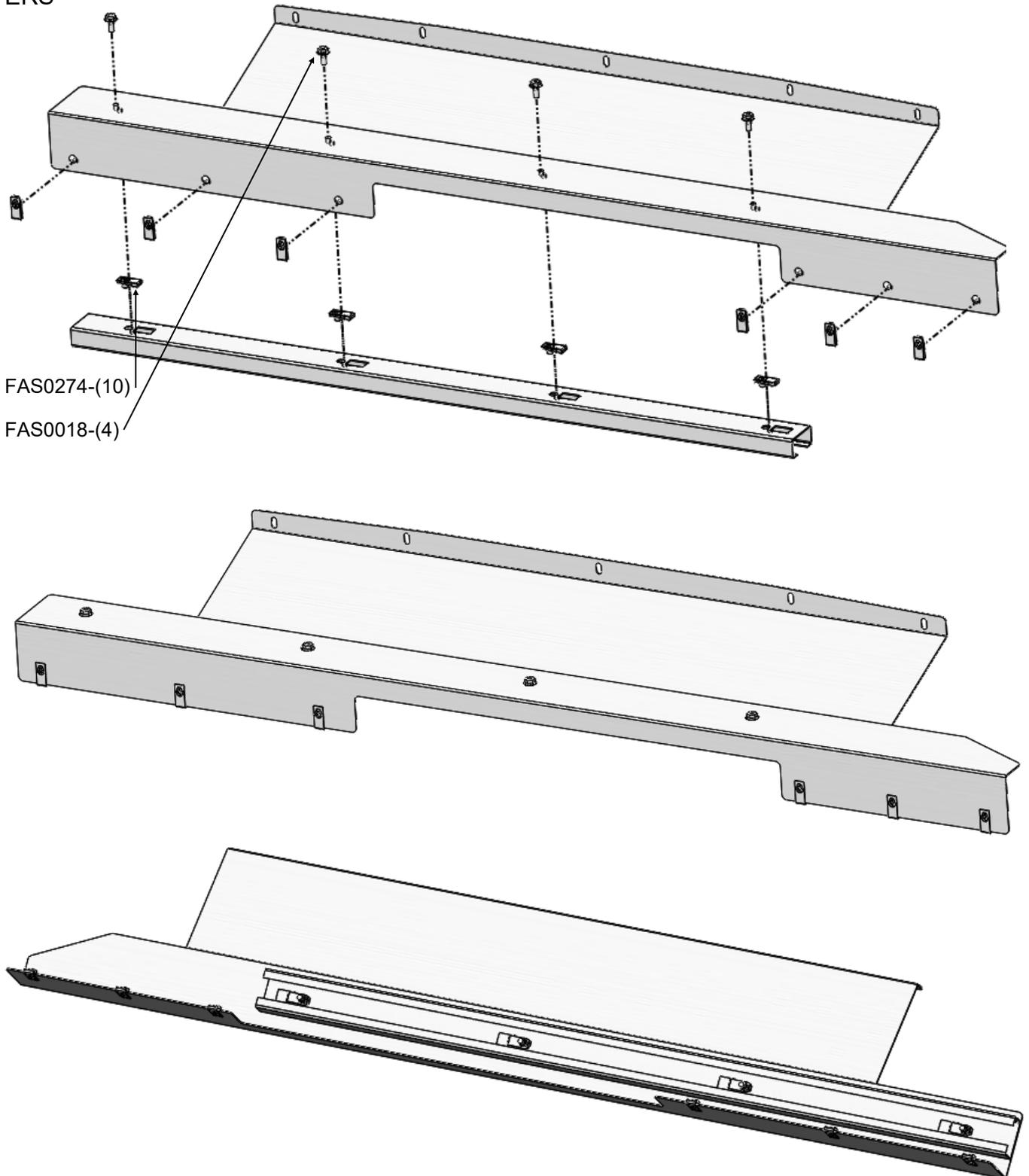
Step 03: Cut along tape using a high speed oscillating tool. It is recommended using a circular saw blade for minimal debris. After cut is made, the rear portion of the B-Pillar can easily be removed.



Step 04: Using a box cutter or deburring tool, cut away the excess plastic pieces and use a vacuum to clean them from the floor of the van. It is important the plastic debris is never cleaned with an air hose, this could lead to plastic lodged into the seatbelt mechanism and cause safety issues.

STEP 1 - PRE-ASSEMBLE HEADER AND HEADER RAIL.

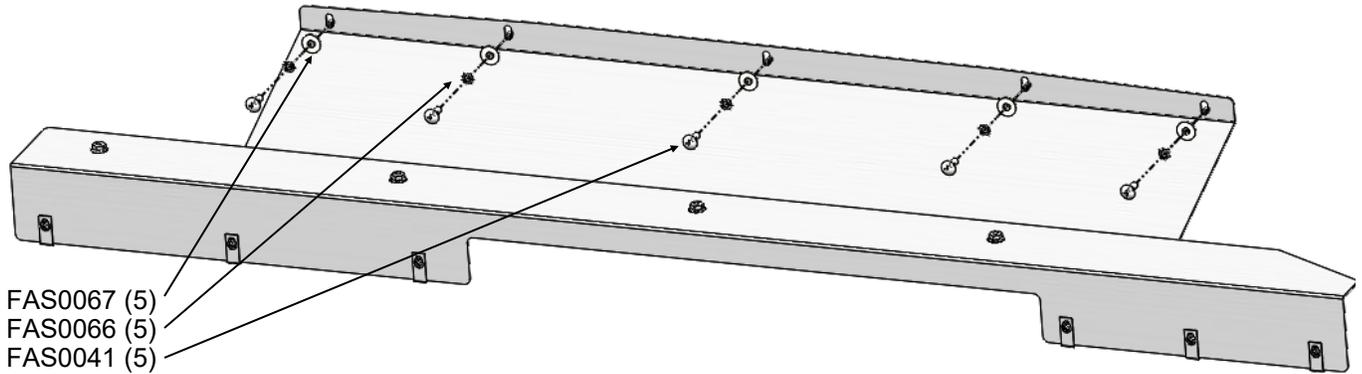
USE THE (FAS0274) 1/4-20 U NUT CLIPS (10 PLACES) INTO THE HEADER AND HEADER RAIL. THEN USE (FAS0018) 1/4-20 FLANGED BOLT (4 PLACES) TO JOIN THE HEADER AND HEADER RAIL TOGETHER. ***DO NOT OVER TIGHTEN FASTENERS***



STEP 2 - FASTEN ASSEMBLED HEADER TO THE ROOF BOW.

MOUNT THE HEADER USING (5) OF EACH OF THE FOLLOWING FASTENERS; FAS0067 (WASHER), FAS0066 (STAR WASHER), AND FAS0041 (#14 SCREW)

NOTE: DO NOT OVER TIGHTEN

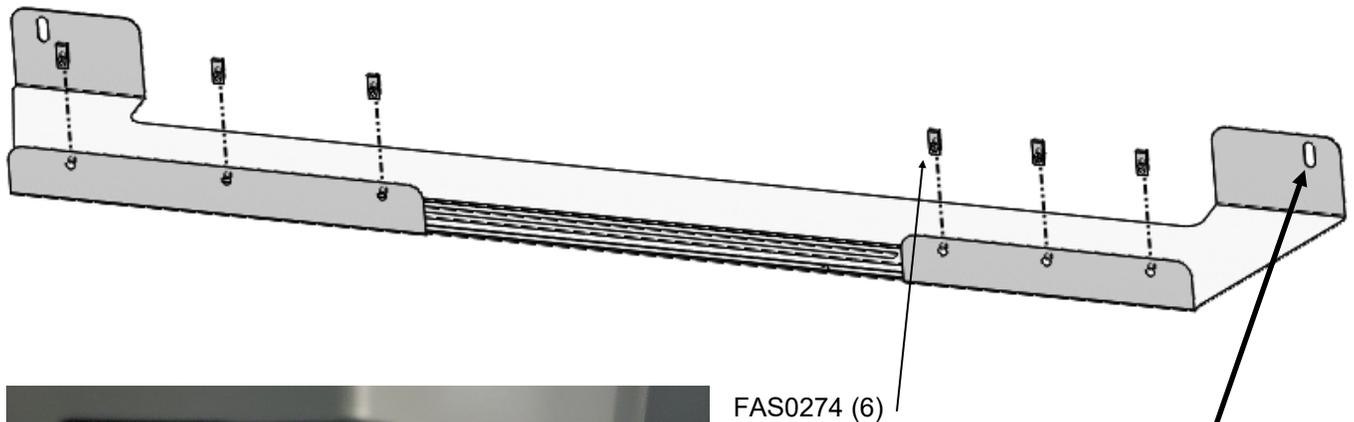


FAS0067 (5)
FAS0066 (5)
FAS0041 (5)

USE THE OEM HOLES IN THE ROOF BOW TO FASTEN THE HEADER, NO DRILLING REQUIRED TO MOUNT THE HEADER.

STEP 3 - ASSEMBLE AND INSTALL FOOTER.

INSERT (FAS0274) 1/4-20 U NUT CLIPS INTO THE FOOTER (6 PLACES) AND THEN INSTALL THE FOOTER TO THE VAN USING THE OEM D-RING HOLES. RE-USE THE OEM D-RINGS TO MOUNT THE FOOTER.



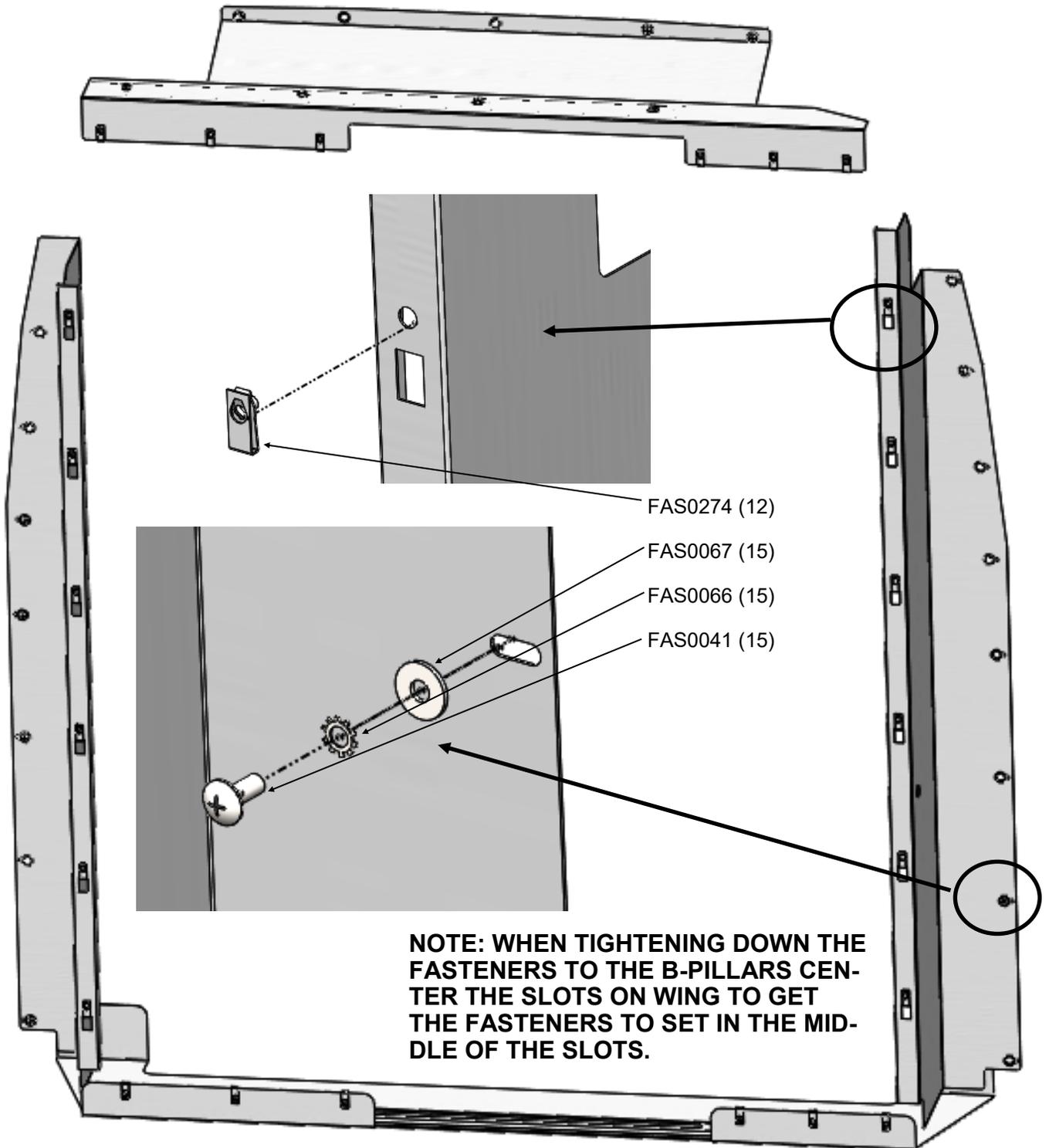
FAS0274 (6)



IMAGE SHOW THE FOOTER INSTALLED WITH THE OEM D-RINGS. (IMAGE SHOW FORD TRANST D-RING) USE THE SPRINTER OEM D-RING FOR THIS INSTALL.

STEP 4 - ASSEMBLY AND INSTALL DRIVER AND PASSANGER SIDE WINGS.

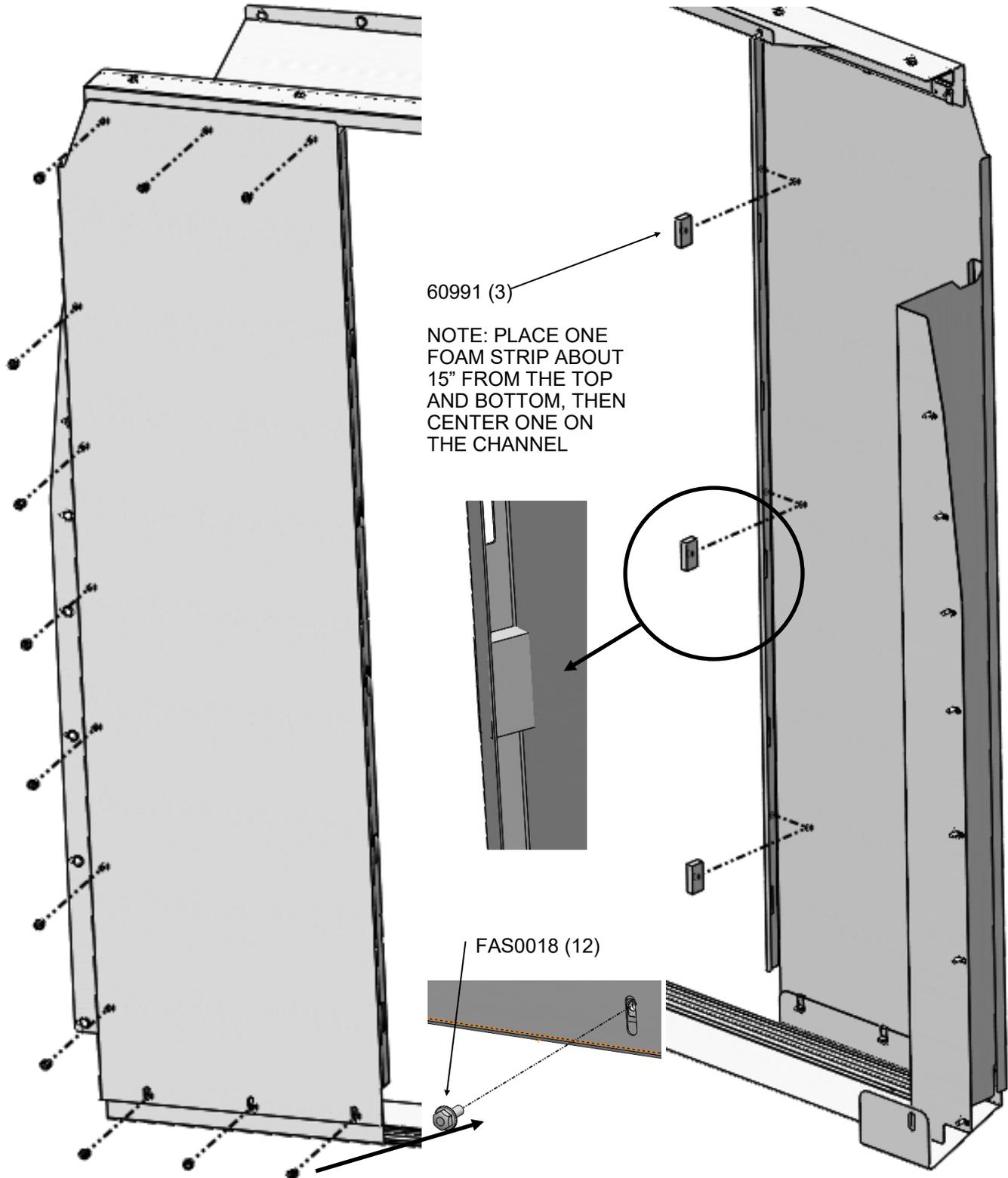
INSERT THE (FAS0274) 1/4-20 U NUT CLIPS INTO THE WINGS (12 PLACES). USE FAS0067 WASHERS (15), FAS0066 STAR WASHERS (15), AND FAS0041 #14 SCREWS (15) TO ATTACH THE WINGS TO THE B-PILLAR OF THE VAN.



NOTE: DO NOT OVER TIGHTEN FASTENERS TO B-PILLAR, NO DRILLING OUT OEM HOLES REQUIRED.

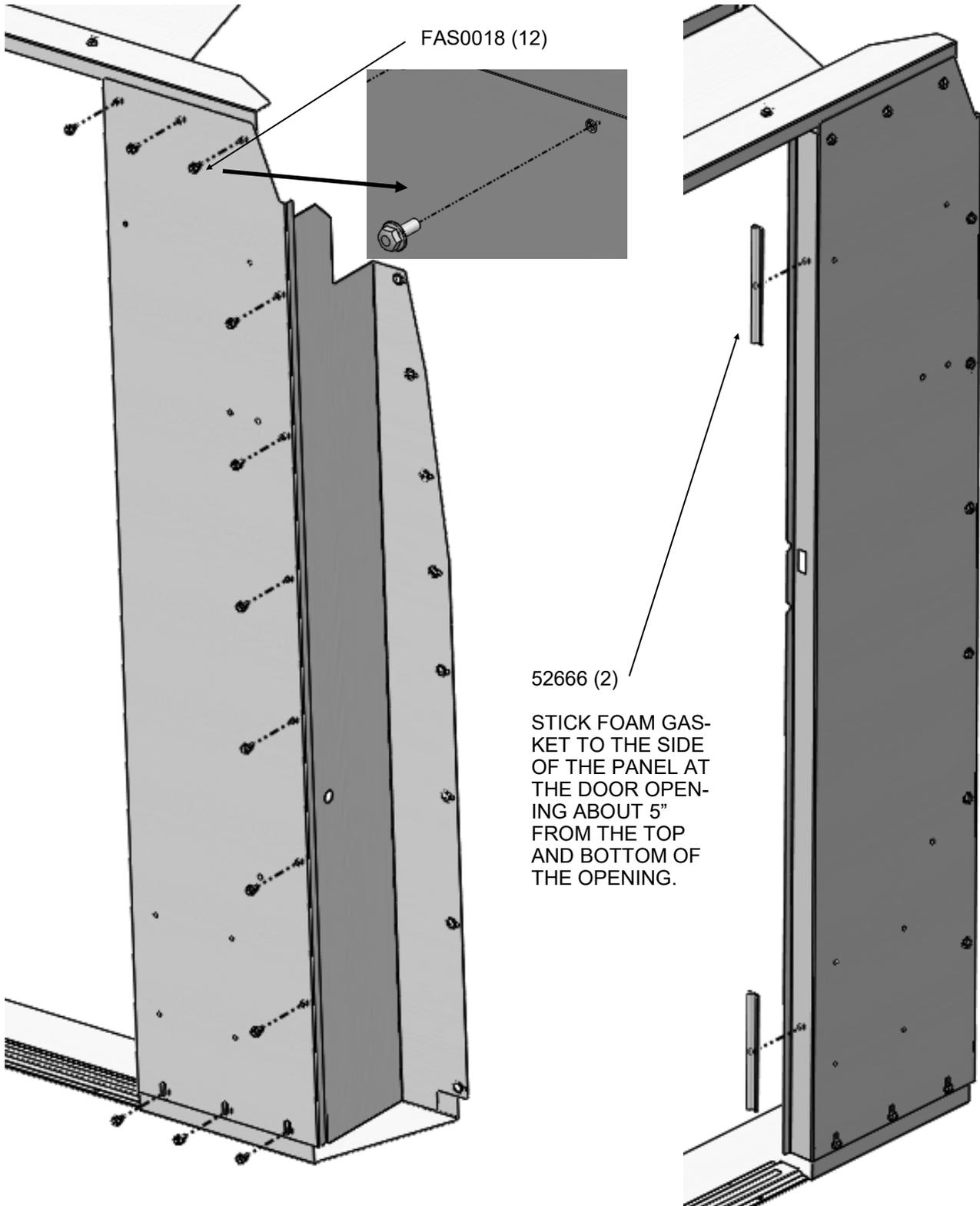
STEP 5A - MOUNT THE DRIVER SIDE PANEL.

MOUNT THE DRIVER SIDE PANEL WITH FAS0018 FLANG BOLTS (12 PLACES). ONCE THE PANEL IS MOUNTED STICK THE FOAM STRIPS (60991) FROM THE HARDWARE BOX TO THE CHANNEL ON THE CAB SIDE OF THE PARTITION AS SHOWN (3 PLACES)



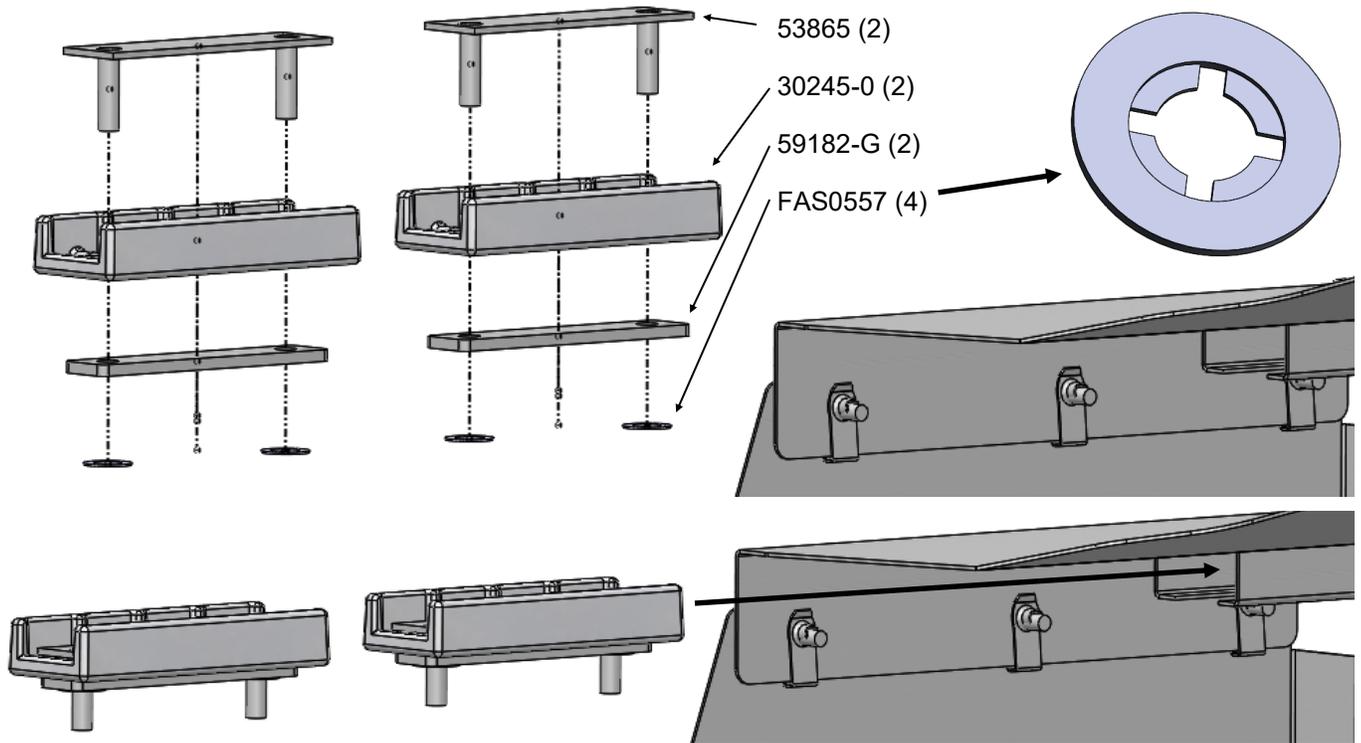
STEP 5B - MOUNT THE PASSANGER SIDE PANEL.

MOUNT THE PASSANGER SIDE WING WITH FAS0018 FLANG BOLTS (12 PLACES). ONCE THE PANEL IS MOUNTED STICK THE FOAM GASKETS (52666) FROM THE HARDWARE BOX TO THE DOOR OPENING OF THE PARTITION AS SHOWN (2 PLACES)



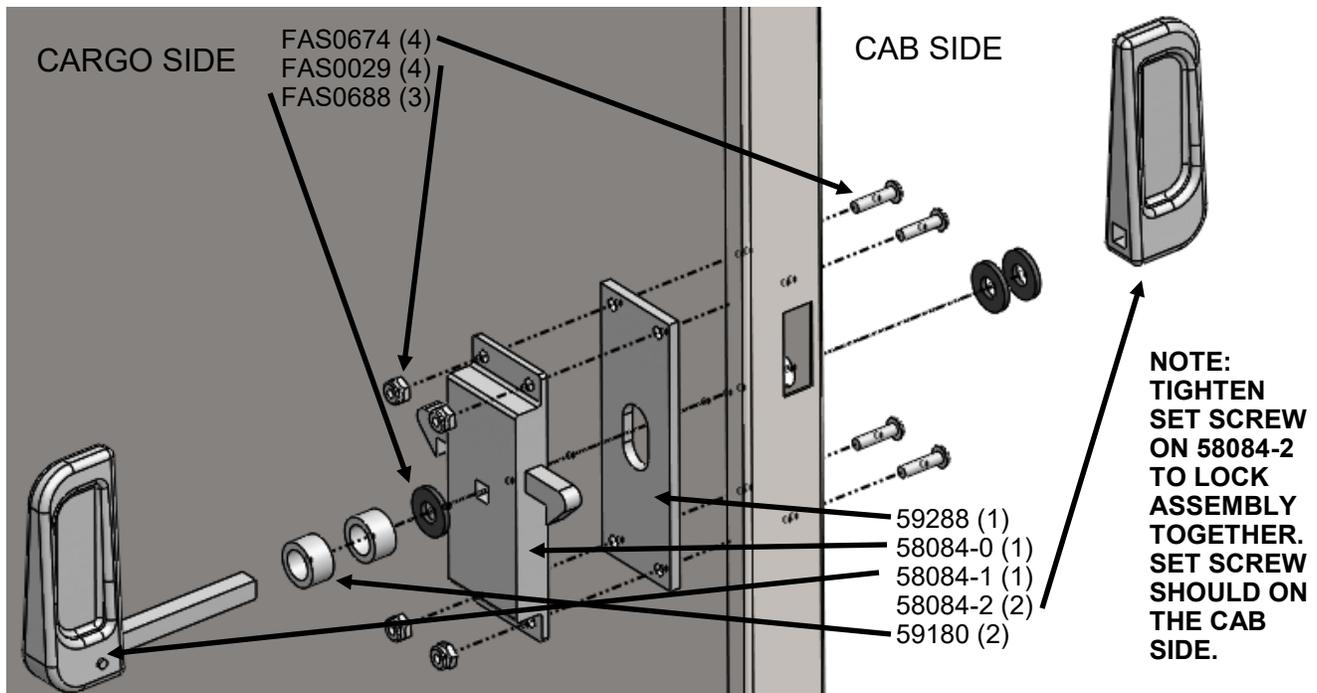
STEP 6 - ASSEMBLE TOP GLIDES AND INSERT THEM IN THE HEADER RAIL

ASSEMBLE THE TOP GLIDES AND INSERT THEM IN THE HEADER RAIL. PARTS 53865 (SUPPORT ASM), 30245-0 (GLIDE), AND 59182-G (GUIDE BAR) CAN BE FOUND IN THE HARDWARE KIT WHILE FAS0557 (RETAINING WASHER) CAN BE FOUND IN THE FASTENER BAG.



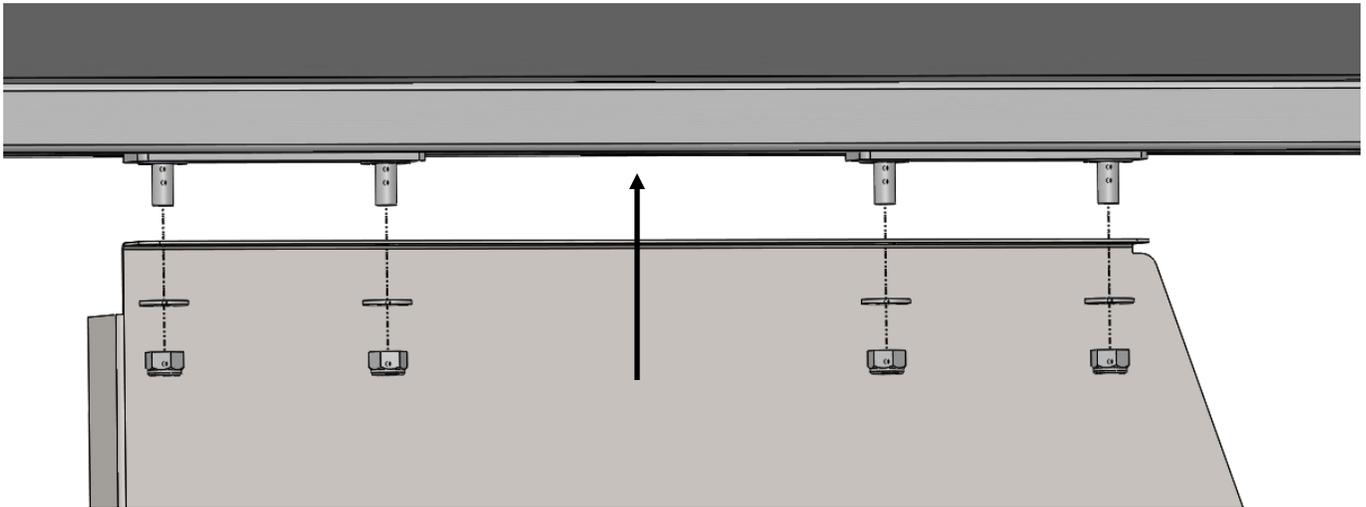
STEP 7 - ASSEMBLE DOOR LATCH

ASSEMBLE THE DOOR LATCH USING THE FOLLOWING HARDWARE AND FASTENERS.



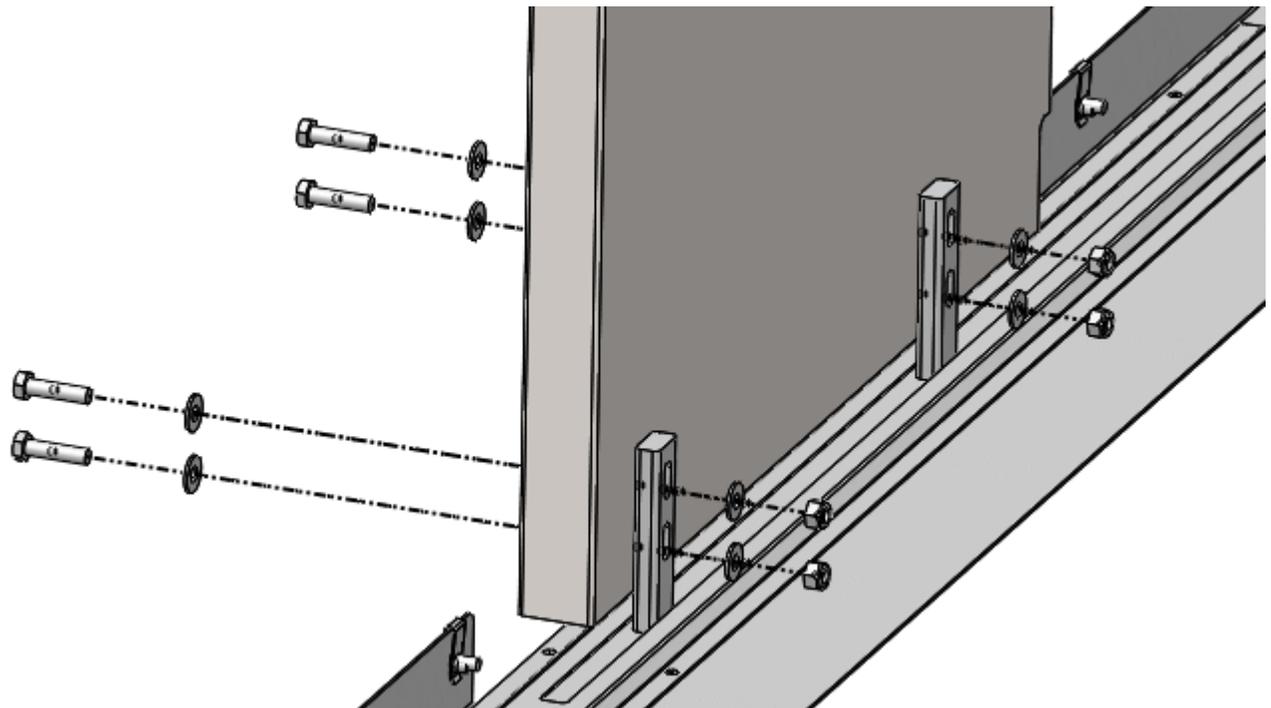
STEP 8 - MOUNT THE DOOR TO THE GLIDES.

MOUNT THE DOOR TO THE GLIDES USING FAS0124 WASHER (4) AND FAS0090 NY-LOCK NUT (4).



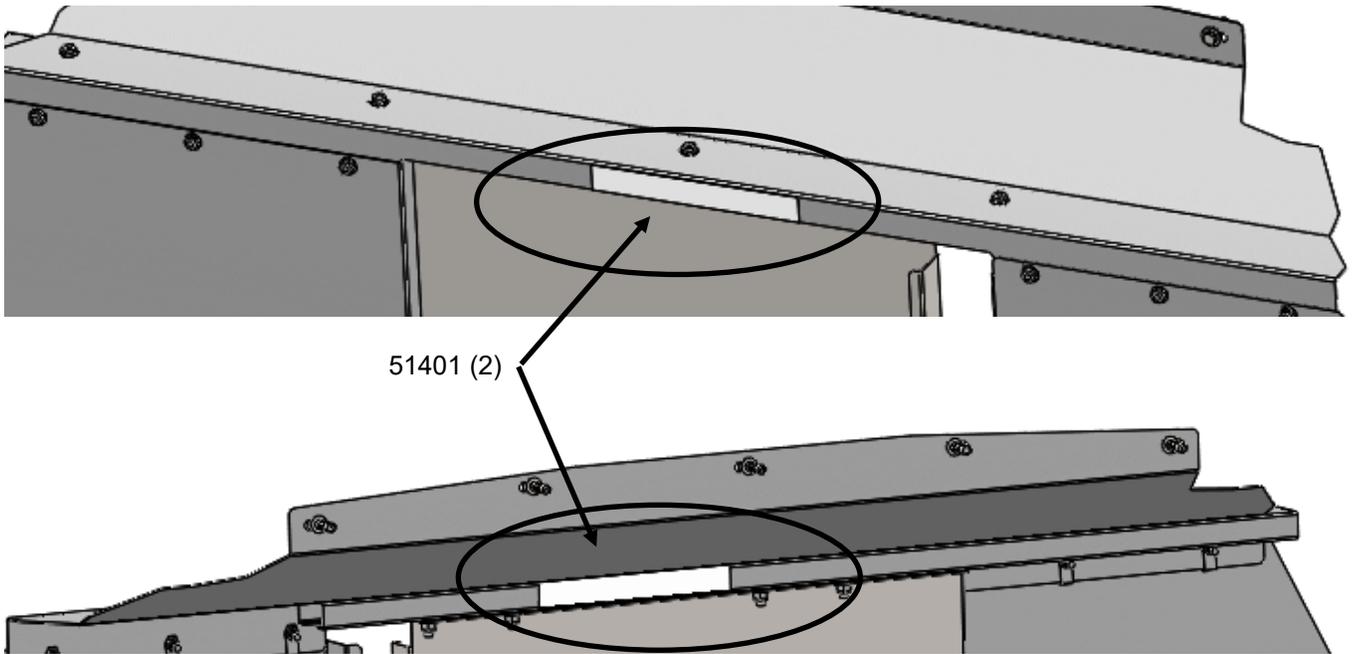
STEP 9 - MOUNT THE BOTTOM GLIDES TO THE DOOR AND ADJUST.

MOUNT THE BOTTOM GLIDES (59183) TO THE DOOR WITH FAS0587 5/16 BOLT (4), FAS0124 WASHER (8), AND FAS0090 NYLOCK NUT (4).

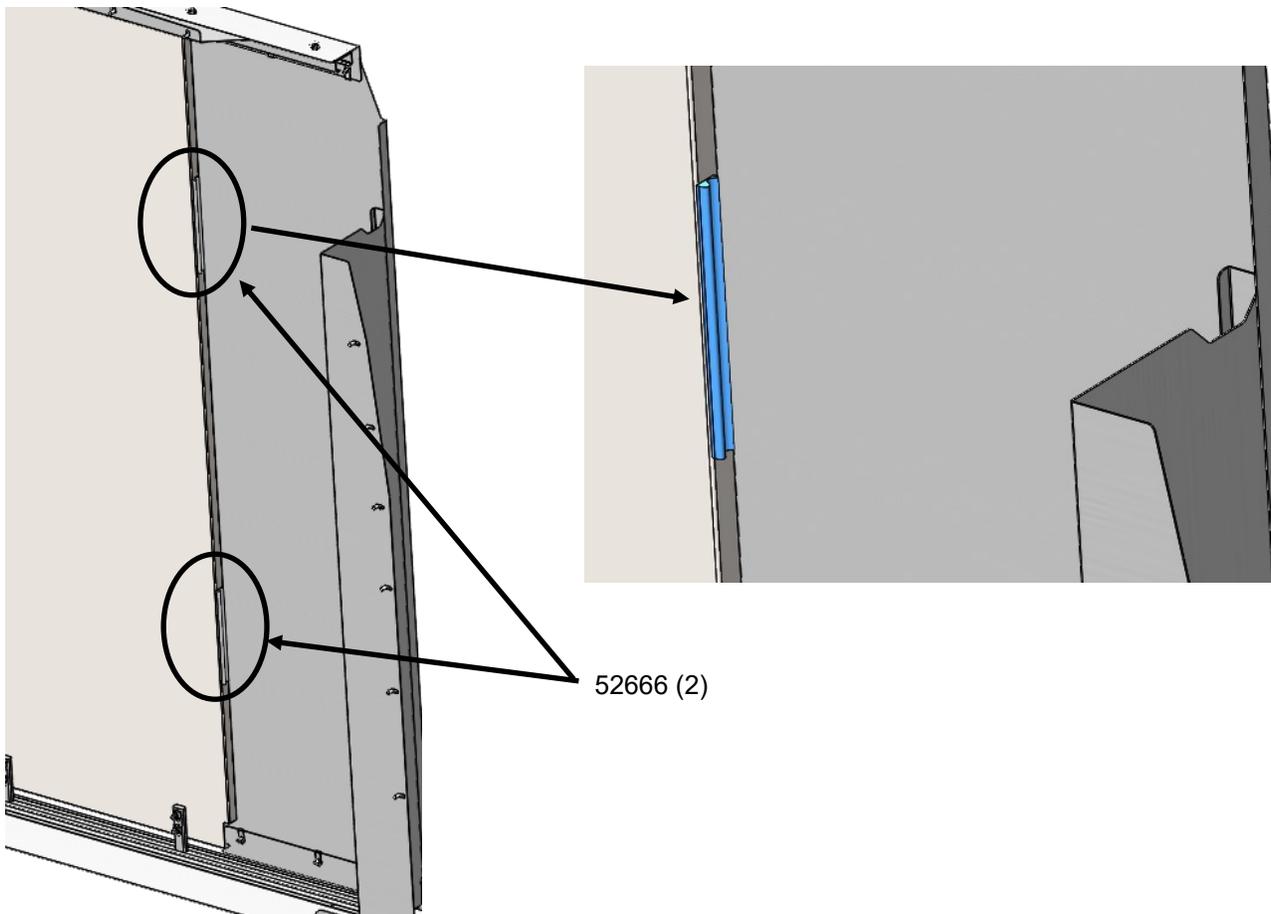


NOTE:
ADJUST THE BOTTOM GLIDES UPWARD ABOUT 1/16" OFF THE FOOTER SO THE DOOR CAN SLIDE FREELY BUT STILL BE CONTAINED BY THE FOOT CHANNEL.

STEP 9 - STICK ON 51401 CONSPICUITY TAPE ON BOTH SIDES OF THE HEADER RAIL. CENTER THE TAPE OVER THE MIDDLE OF THE DOOR OPENING.

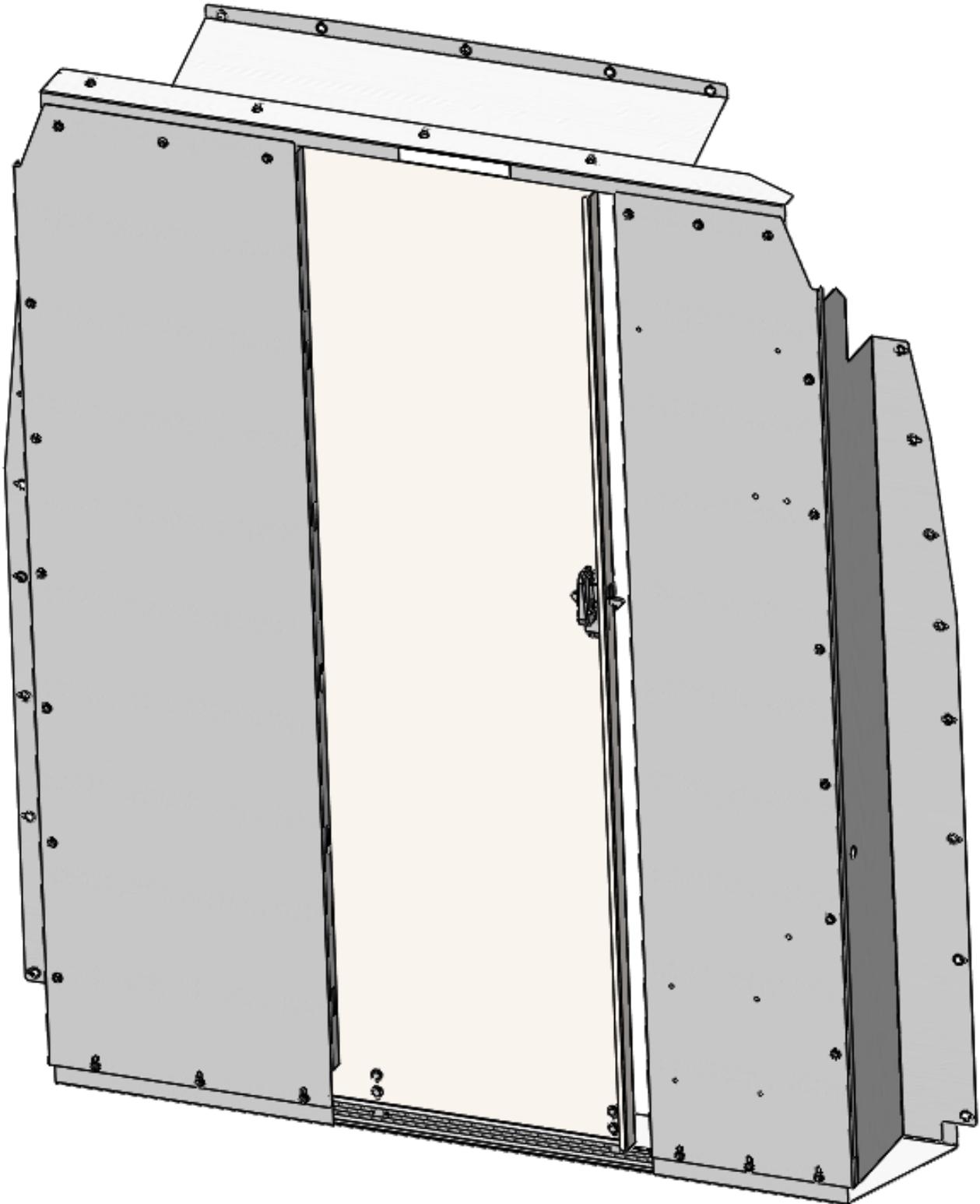


STEP 10 - STICK FOAM GASKET, 52666 (2) TO SIDE OF THE DRIVER'S SIDE WING AND PANEL. ABOUT 12" FROM THE TOP AND BOTTOM. THIS HELPS TO DOOR FROM SLAMMING OPEN.





INSTALLATION IS COMPLETE! MAKE SURE THAT ALL FASTENERS THAT WERE LEFT LOOSE FOR THE INSTALL ARE NOW TIGHTED.



INSTALLATION IS COMPLETE! MAKE SURE THAT ALL FASTENERS THAT WERE LEFT LOOSE FOR THE INSTALL ARE NOW TIGHTED.