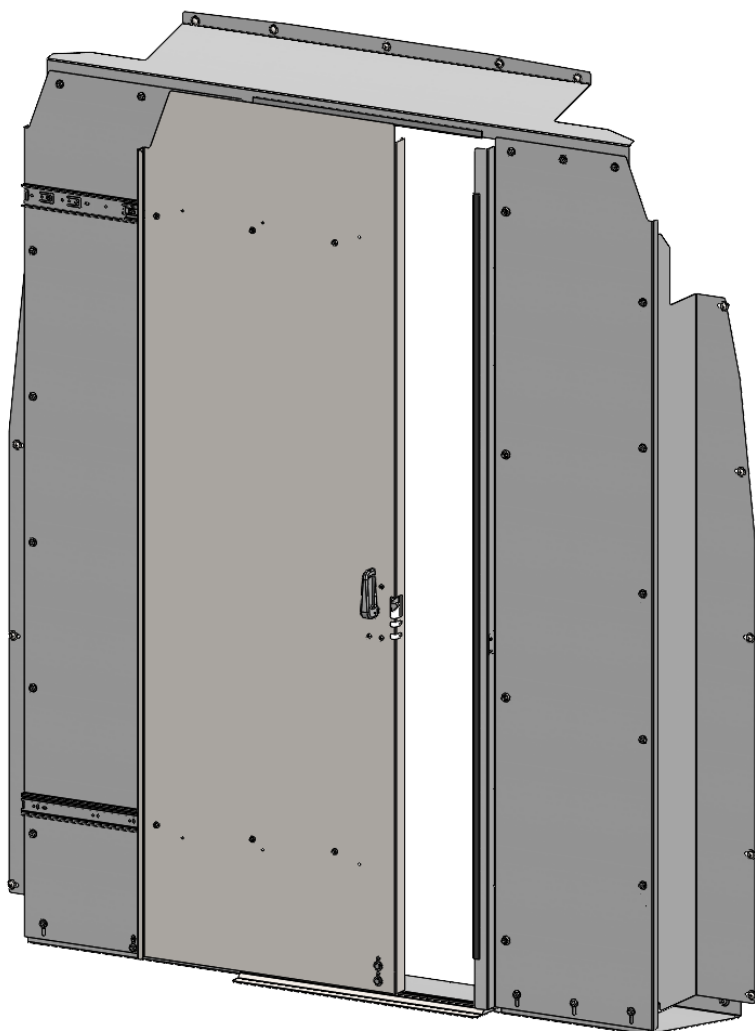


## SPARSPH2 - SLIDING PARTITION, SPH2



PRODUCT WEIGHT  
**135 LBS**

WIDTH x DEPTH x HEIGHT  
**SPRINTER HR**

CAPACITY  
**N/A**

COLOR  
**GRAY**

CATALOG NUMBER  
**SPARSPH2**

### PRODUCT FEATURES

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

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



**CATALOG NUMBER      SPARSPH2**

***PRODUCT APPLICATION***

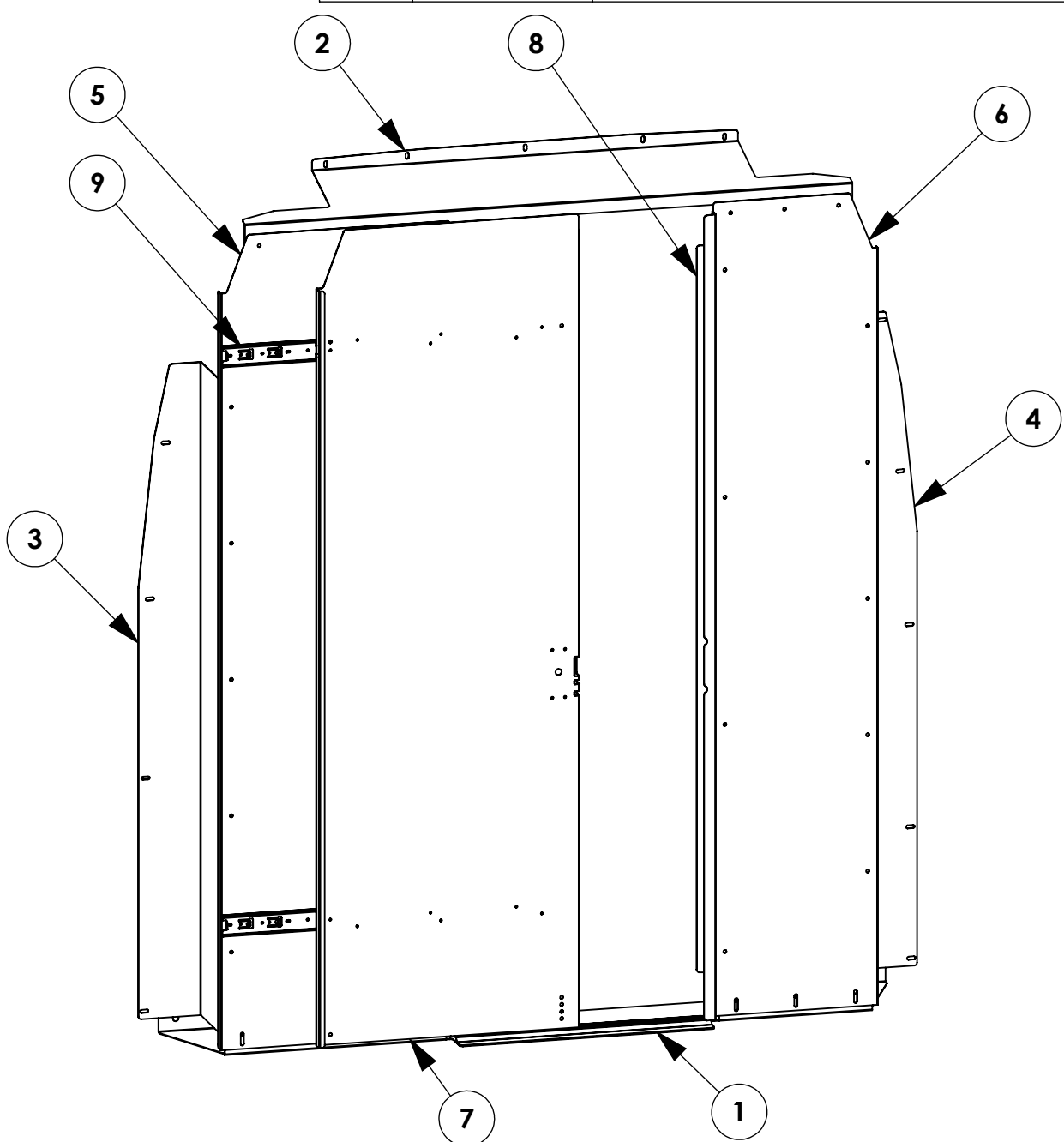
**This product is designed to be installed into the Sprinter High Roof Cargo Van**

***ACCESSORIES THAT WILL WORK WITH THIS PRODUCT***

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

***SPECIAL APPLICATION NOTES***

INSTR. NUMBER : 65010	PG: 1	REV: B	ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
			1	64998-G	SPARSPH2, FOOTER ASM, GRAY	1
PART NUMBER : SPARSPH2			2	64997-G	SPARSPH2, HEADER, G	1
PART DESC. : SLIDING PARTITION, SPH2			3	64999-G	SPARSPH2, DS WING, G	1
			4	65000	SPARSPH2, PS WING, G	1
			5	65001-G	SPARSPH2, DS PANEL, G	1
			6	65002-G	SPARSPH, PS PANEL, G	1
			7	65003-G	SPARSPH2, SLD DOOR, G	1
			8	64980-G	SPAR2 IMPACT BRACKET, LONG, G	1
			9	776-1300	SLIDE, 20" PAIR, NON-LOCK	2



**GET TO KNOW THE VEHICLE** - AT THE BEGINNING OF ANY INSTALLATION, CHECK THE LOCATION OF THE FUEL TANK, FUEL LINES, BRAKE LINES, HIGH VOLTAGE BATTERIES AND WIRING HARNESSSES TO AVOID INJURY OR PROPERTY DAMAGE FROM TOOL CONTACT.

**SEAL ALL EXTERIOR HOLES** - ALL INSTALLATION HOLES SHOULD BE SEALED WITH BUTYL TAPE OR SILICON TO PREVENT WATER AND EXHAUST GASES FROM ENTERING THE VEHICLE.

**CONTROL DRILL DEPTH** - TO AVOID DAMAGE TO THE VEHICLE, USE A DRILL STOP OR CLEARED STEP BIT WHEN DRILLING INSTALLATION HOLES.

**ALWAYS ADD PRIMER** - WHEN ADDING INSTALLATION HOLES BE SURE TO USE A SELF-ETCHING PRIMER TO PREVENT CORROSION, FASTENER FAILURE AND INJURY.

**MOUNTING POINTS MUST HAVE METAL-TO-METAL CONTACT** - USE PROVIDED MOUNTING SPACERS TO ACCOMMODATE FOR VEHICLE FEATURES, CARPET OR SUBFLOORS.

**PROVIDE CLEARANCE FOR SPACERS** - IF THE INSTALLATION VEHICLE CONTAINS A CARPET OR SUBFLOOR, USE A 1-3/16" DIAMETER CARPET CUTTER (P/N: 31183-0) AT ALL MOUNTING LOCATIONS TO OPEN UP ROOM FOR SPACERS.

**CHECK SPACER ORIENTATION** - BE SURE THAT THE INDENT IN THE SPACER COVERS THE PLUSNUT HEAD; THIS ENSURES THE MOST METAL-TO-METAL CONTACT AND REDUCES VIBRATION.

**PLUSNUT INSTALLATION** - A PLUSNUT GUN IS RECOMMENDED FOR PLUSNUT INSTALLATION FOR ITS PRODUCTION SPEED. HOWEVER, A PLUSNUT SETTING TOOL CAN ALSO BE USED (P/N: 22200-0).

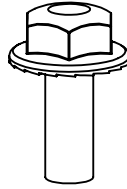
**THRU-BOLT CLEARANCE** - WHEN USING A THRU-BOLT AT ANY MOUNTING LOCATION, BE SURE THAT YOUR HOLE HAS 1/16" CLEARANCE.

**FASTENERS USED**

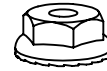
**FAS0967**  
#8-32X.500 ZP  
PHP SCREW  
QTY: 6



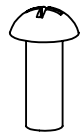
**FAS0923**  
#8-32 ZP  
HFLNG NLK NUT  
QTY: 6



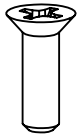
**FAS0018**  
1/4-20X.625 ZP  
HFLNG SCREW  
QTY: 26



**FAS0020**  
#10-24 ZP  
HFLNG NUT  
QTY: 4



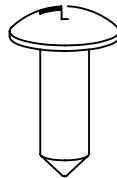
**FAS0021**  
#10-24X.50 ZP  
RHP SCREW  
QTY: 4



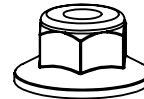
**FAS0338**  
#10-24X.625 ZP  
FHP SCREW  
QTY: 6



**FAS0029**  
#10-24 ZP  
HEX NLK NUT  
QTY: 4



**FAS0041**  
14-10X.75 ZP  
THP SCREW  
QTY: 14



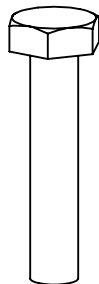
**FAS0055**  
1/4-20 ZP  
HFLNG NLK NUT  
QTY: 6



**FAS0066**  
1/4 ZP  
LCK WASHER  
QTY: 14



**FAS0067**  
1/4 ZP  
FLAT WASHER  
QTY: 16



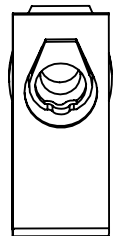
**FAS0073**  
1/4-20X1.25 ZP  
HH SCREW  
QTY: 2



**FAS0098**  
5/16 ZN  
SPL LCK WASHER  
QTY: 2



**FAS0112**  
5/16 ZN  
FLAT WASHER  
QTY: 2



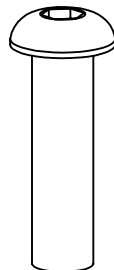
**FAS0274**  
1/4-20  
U-CLIP NUT  
QTY: 22



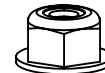
**FAS0674**  
10-24X.75 SS  
BHC SCREW  
QTY: 4



**FAS0688**  
3/8 EPDM  
FLAT WASHER  
QTY: 3



**FAS0741**  
M8-1.25X30  
BHC SCREW  
QTY: 2



**FAS0918**  
#10-24 ZP HFLNG  
NLK NUT  
QTY: 6

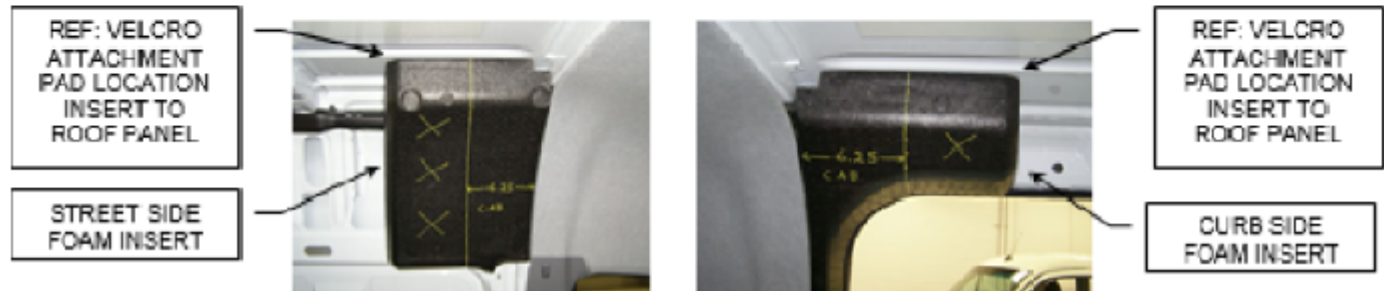
**NOTE:** If your Sprinter, either Standard or High Roof models, comes with a factory installed partition and you plan on installing an Adrian Steel "SMC" partition you **MUST** order from your Mercedes dealership the head impact foam inserts for your particular Sprinter van model.

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

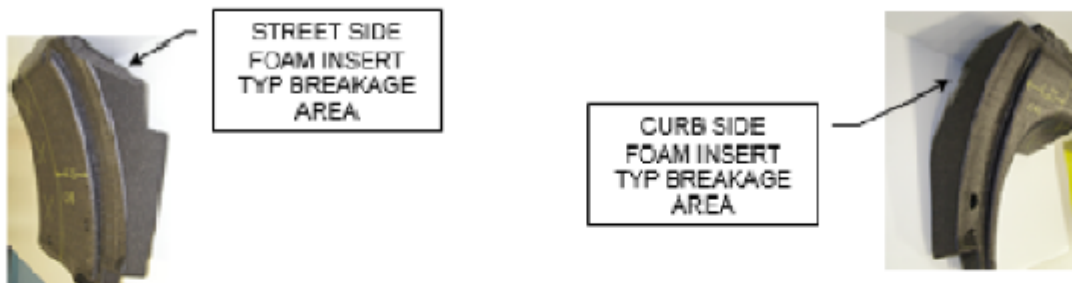
**NOTE:** The high roof Sprinter vans **REQUIRE** Head Impact Foam Insert modifications. Rework involves removing inserts from the vehicle, removing foam material (as shown below), and then re-installing inserts back into the vehicle. In addition, reworking of the Street side foam insert results in exposing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



Trim piece will be cut along this side, before edge transitions to a radius.



Curved edge of B-Pillar will need to be contoured accordingly.

**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.



Picture is for reference. Once rear portion is removed, it will look similar to this.

Carbide Circular Saw Blade for minimal debris.



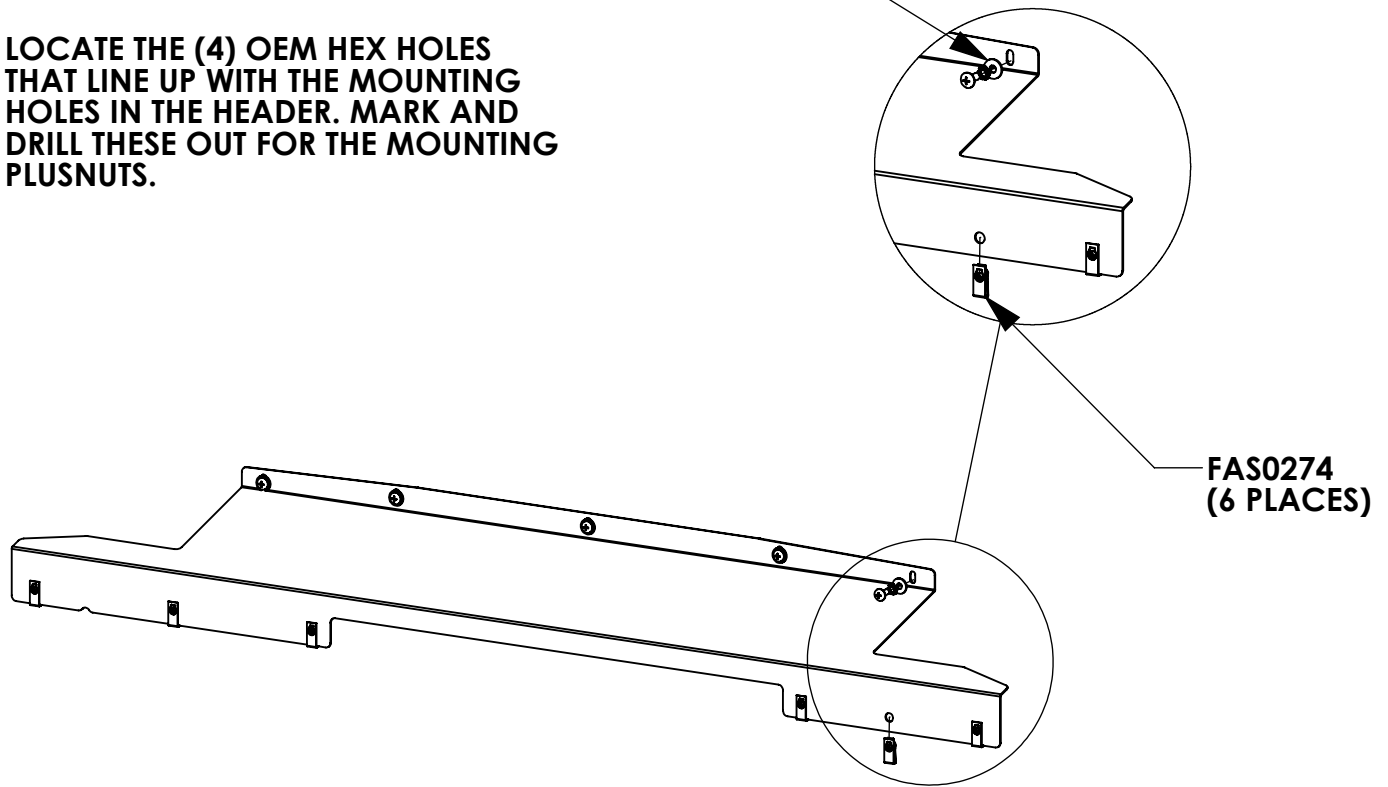
**Step 04:** Using a box cutter or deburring tool, cut away the excess plastic pieces and use a vacuum to clean them from the floor of the van. It is important the plastic debris is never cleaned with an air hose, this could lead to plastic lodged into the seatbelt mechanism and cause safety issues.

## BEGIN INSTALLATION

### STEP 1 - INSTALL HEADER

FAS0044, FAS0061,  
FAS067  
(4 PLACES)  
#3 PHILLIPS

LOCATE THE (4) OEM HEX HOLES THAT LINE UP WITH THE MOUNTING HOLES IN THE HEADER. MARK AND DRILL THESE OUT FOR THE MOUNTING PLUSNUTS.



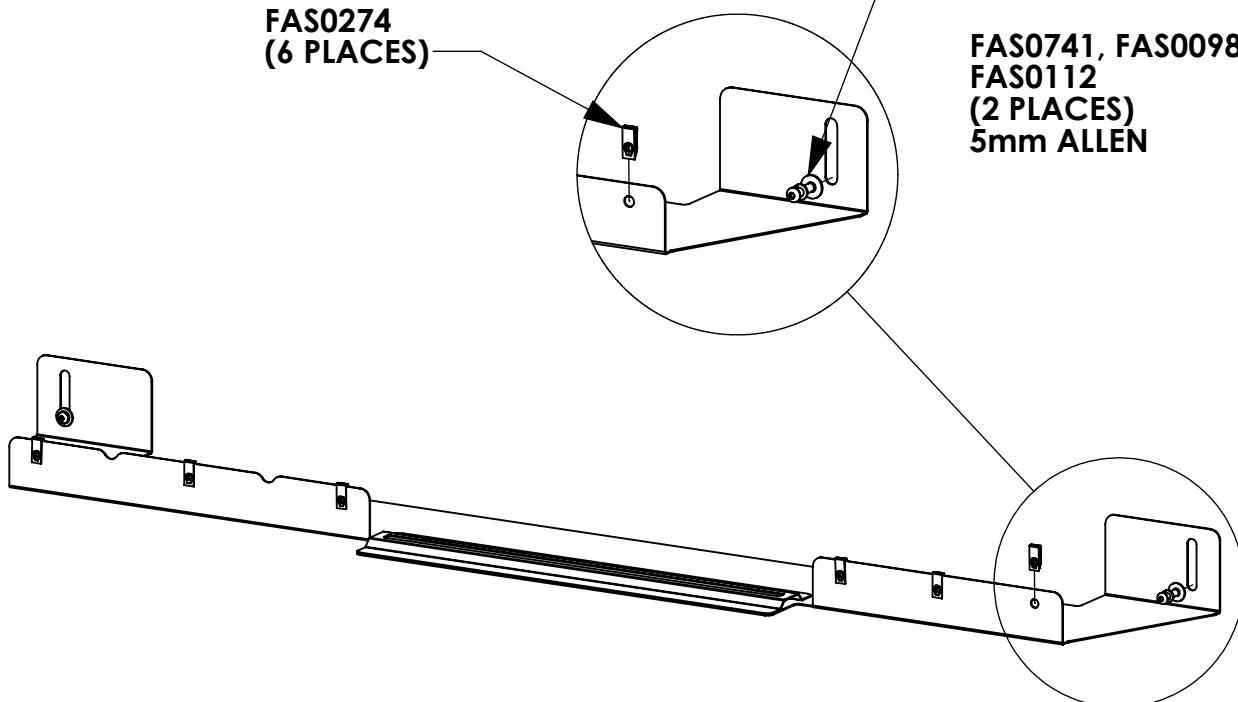
### STEP 2 - INSTALL FOOTER

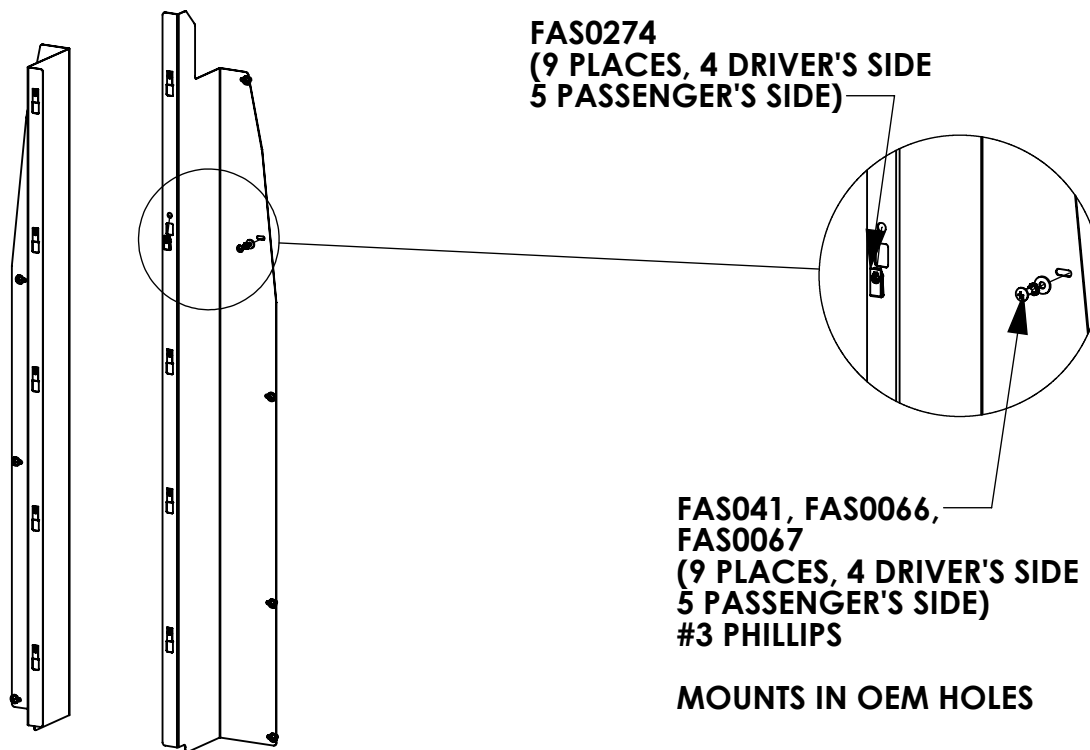
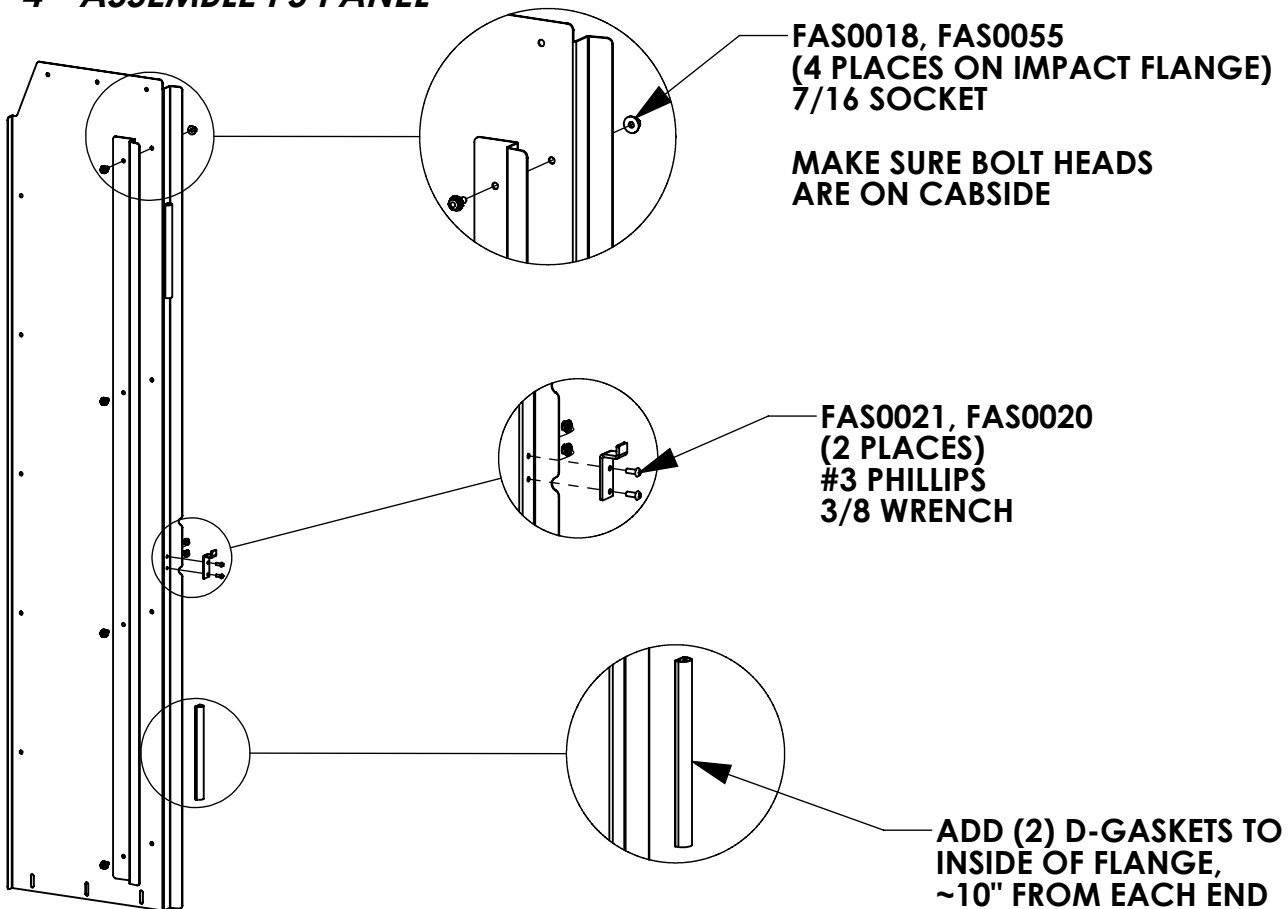
FAS0274  
(6 PLACES)

REMOVE OEM D-RINGS.  
REPLACE D-RINGS

- OR USE -

FAS0741, FAS0098  
FAS0112  
(2 PLACES)  
5mm ALLEN



**STEP 3 - INSTALL WINGS****STEP 4 - ASSEMBLE PS PANEL**

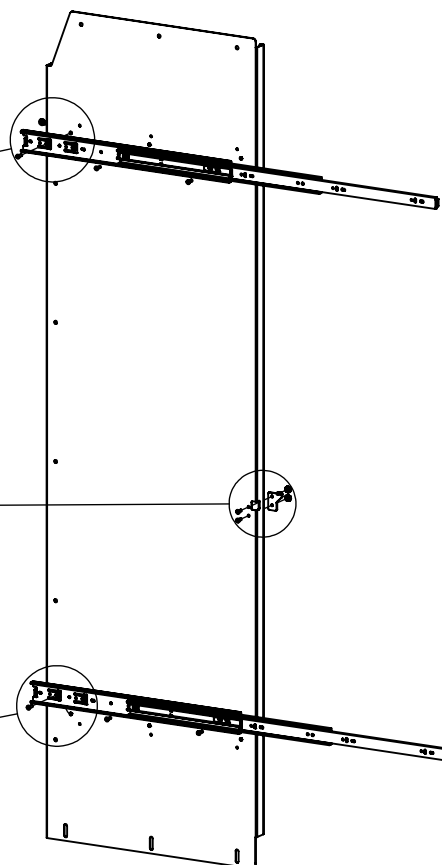
**STEP 5 - ASSEMBLE DS PANEL**

USE THE BOTTOM ROW OF HOLES  
FOR THE TOP SLIDE

FAS0338, FAS0918  
(3 PLACES PER SLIDE)  
LOOSE INSTALL

FAS0021, FAS0020  
(2 PLACES)  
#3 PHILLIPS  
3/8 WRENCH

USE THE TOP ROW OF HOLES  
FOR THE BOTTOM SLIDE

**STEP 6 - ASSEMBLE SLD DOOR HANDLE**

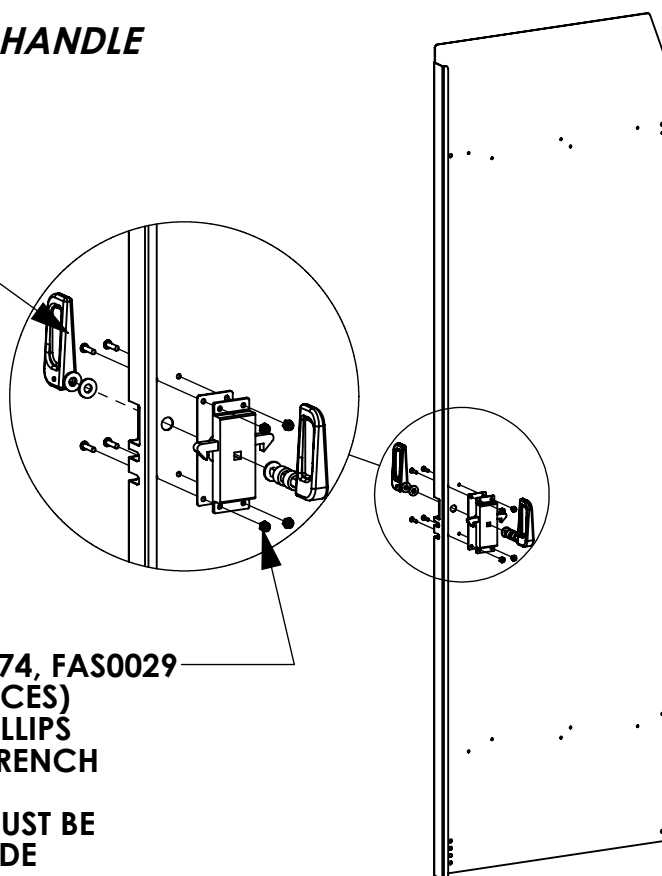
CARGO-TO-CAB  
HANDLE STACKUP:

FEMALE HANDLE  
(2) FAS0688  
DOOR  
LATCH PLATE  
LATCH  
(1) FAS0688  
(2) 59180  
HANDLE W/SHANK

TIGHTEN SET SCREW  
WHEN ASSEMBLED.  
1/8 ALLEN

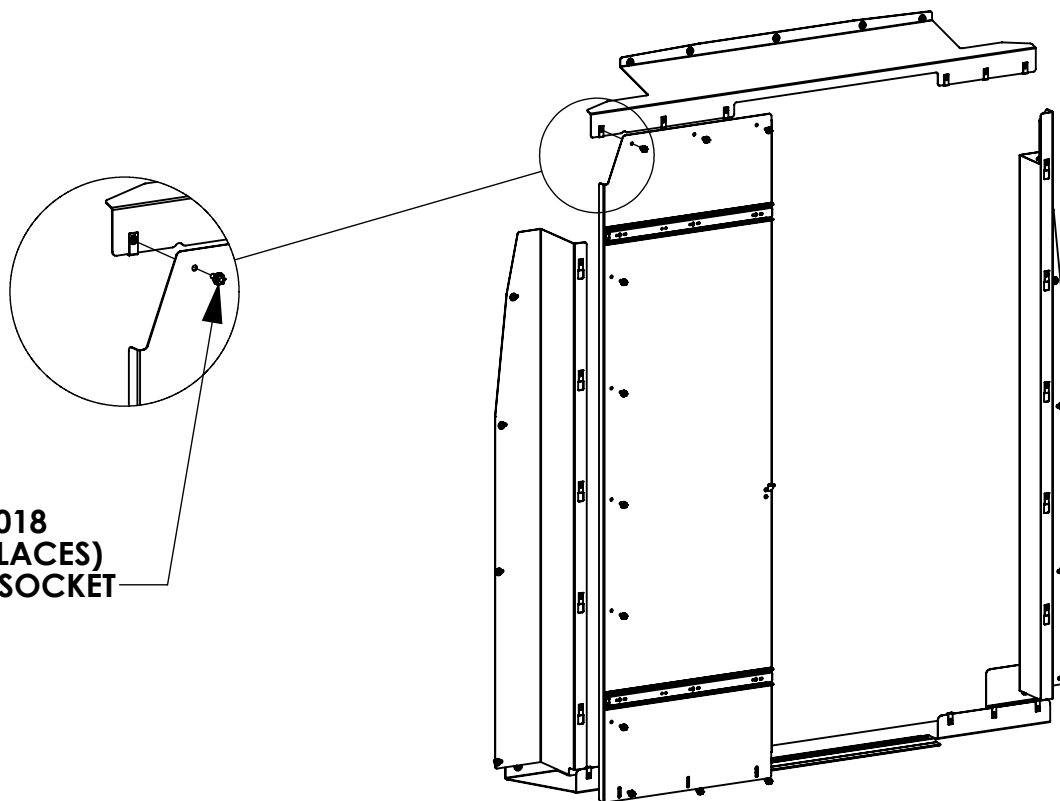
FAS0674, FAS0029  
(4 PLACES)  
#3 PHILLIPS  
3/8 WRENCH

NUT MUST BE  
CABSIDE



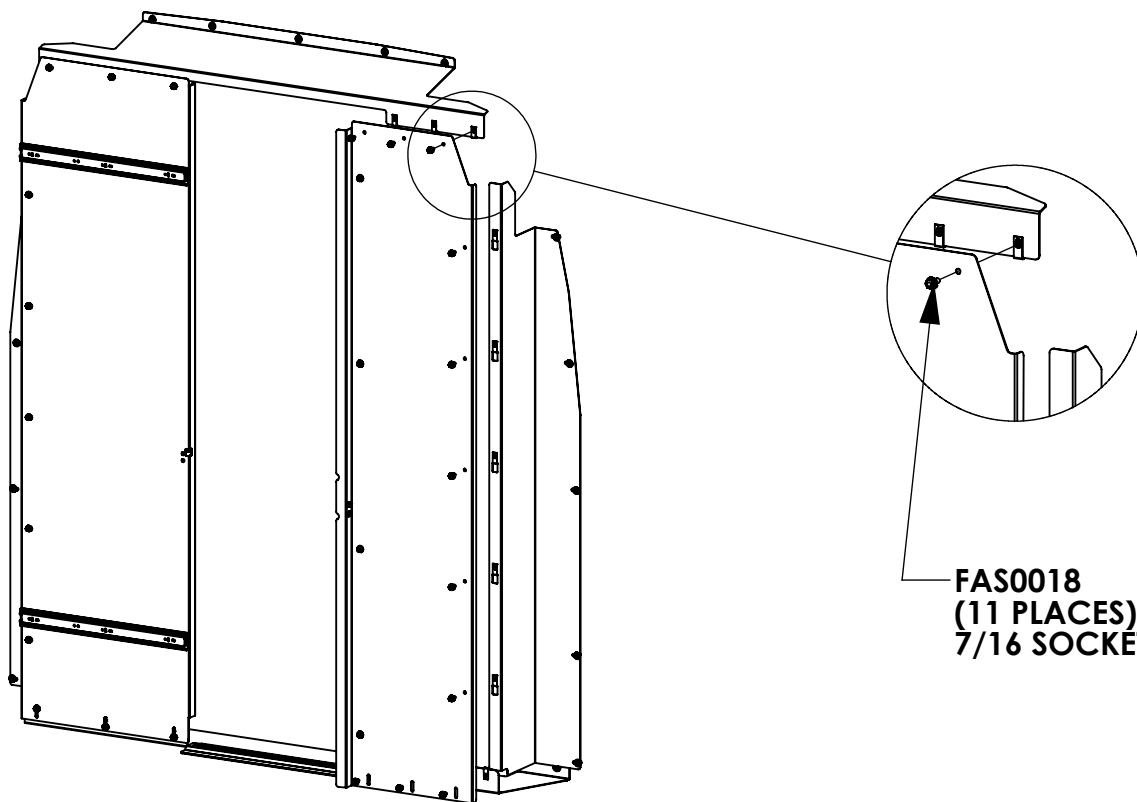
## STEP 7 - INSTALL DS PANEL

FAS0018  
(11 PLACES)  
7/16 SOCKET



## STEP 8 - INSTALL PS PANEL

FAS0018  
(11 PLACES)  
7/16 SOCKET

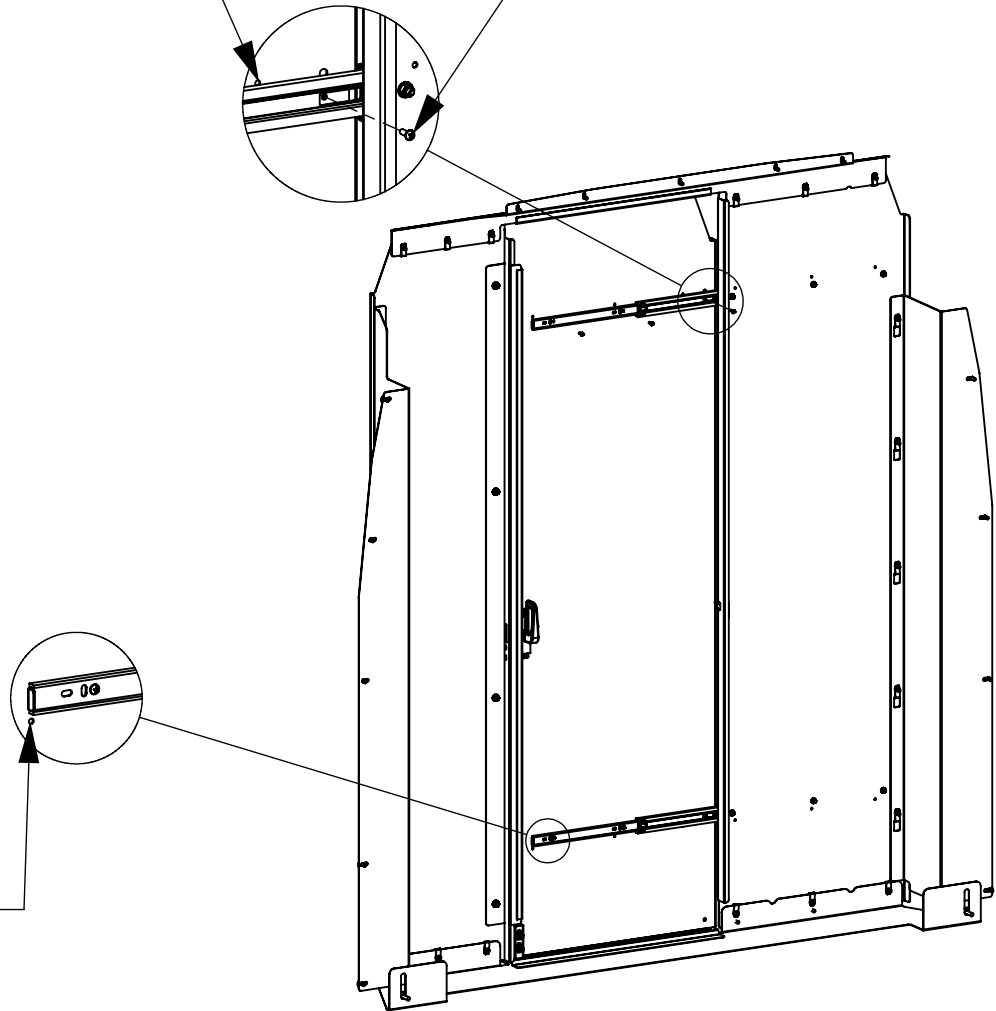


**STEP 9 - INSTALL SLD DOOR AND HANDLE**

USE THE BOTTOM ROW OF HOLES  
FOR THE TOP SLIDE

FAS0967, FAS0923  
(3 PLACES PER SLIDE)  
LOOSE INSTALL

USE THE TOP ROW  
OF HOLES FOR THE  
BOTTOM SLIDE



WHEN INSTALLING THE SLIDING  
DOOR, SOFT INSTALL THE (6)  
FASTENERS. THEN SHUT THE DOOR  
TO MAKE SURE THE LATCH BITES  
THE STRIKE PLATE. TIGHTEN DOWN  
ALL SLIDE FASTENERS.  
(6 PLACES PER SLIDE)  
#3 PHILLIPS  
3/8 WRENCH

**! TEST SLIDING DOOR !**

DOOR SHOULD SLIDE FREELY  
FROM THE OPEN TO CLOSED  
POSITION. IF IT DOES NOT LATCH  
IN THE OPEN OR CLOSED  
POSITION THEN LOOSEN SLIDE  
FASTENERS, SLIGHTLY LIFT DOOR  
AND RESECURE.

**STEP 10 - INSTALL SAFETY EQUIPMENT**