BODYGUARD®
COMPOSITES

MI-LIN1562 MERCEDES BENZ METRIS SOLID PARTITION INSTALLATION GUIDE

MI-LIN1563 MERCEDES BENZ METRIS WINDOW PARTITION INSTALLATION GUIDE

BODYGUARD®
COMPOSITES

On behalf of Bodyguard and Malley Industries, congratulations and thank you for purchasing our interior van products.

Malley Industries is one of North America's premiere manufacturers of ambulances, patient transfer units and mobility vehicles. Bodyguard composite interiors are in all of these vans because they are rugged, safe, and easy-to-clean.

Bodyguard Composites products follow Malley's strict manufacturing process controls. With tens of thousands of our products in commercial and emergency vehicles throughout North America, Bodyguard's noise-reducing, lightweight interior products will provide years of protection while improving the fuel efficiency of your van.

Terry Malley

President & CEO

BODYGUARD®
COMPOSITES

MI-LIN1562 | MI-LIN1563			
	QTY	DESCRIPTION	
	1	PARTITION PANEL	
A	2	3/8 FLAT WASHERS	
B	4	PLUS NUTS	
C	4	SPACERS	
D	4	1/4”-20 X 2” HEX CAP BOLTS ZF	
E	4	1/4 FLAT WASHERS	
F	14	HEX HEAD #2 POINT 410 STAINLESS STEEL SELF-DRILLING SCREWS	

SUGGESTED TOOLS:

1” HOLE SAW BIT (FOR 1” SPACERS)
5/16” DRILL BIT (FOR PLUS NUTS)
DRILL
PLUS NUT GUN (OPTIONAL)
1/4” NUT DRIVER (FOR THE SELF-TAPPING SCREWS)
7/16 WRENCH (FOR HEX CAP SCREWS)
T-45 TORX DRIVER (FOR D-RINGS)

A (Fast:1133815)
3/8 Flat Washers

B (45-18229)
Plus Nuts

C (45-18138)
Spacers

D (Fast:1113803)
Hex Cap Bolts

E (Fast:1133004)
1/4 Flat Washers

F (Fast:1131945)
#2 Point 410 Self-Drilling Screws

WARNING: PRIOR TO DRILLING INTO THE VEHICLE, CHECK BEHIND DRILLING LOCATIONS FOR ELECTRICAL WIRES, FUEL/BRAKE LINES, AND OTHER CRITICAL COMPONENTS. ADJUST THE DRILLING LOCATIONS TO ENSURE THAT YOU AVOID CONTACT WITH THESE COMPONENTS. FAILURE TO DO SO CAN RESULT IN SERIOUS INJURY OR DEATH, AND CAUSE SEVERE DAMAGE TO THE VEHICLE’S FUNCTIONALITY.

BODYGUARD® COMPOSITES

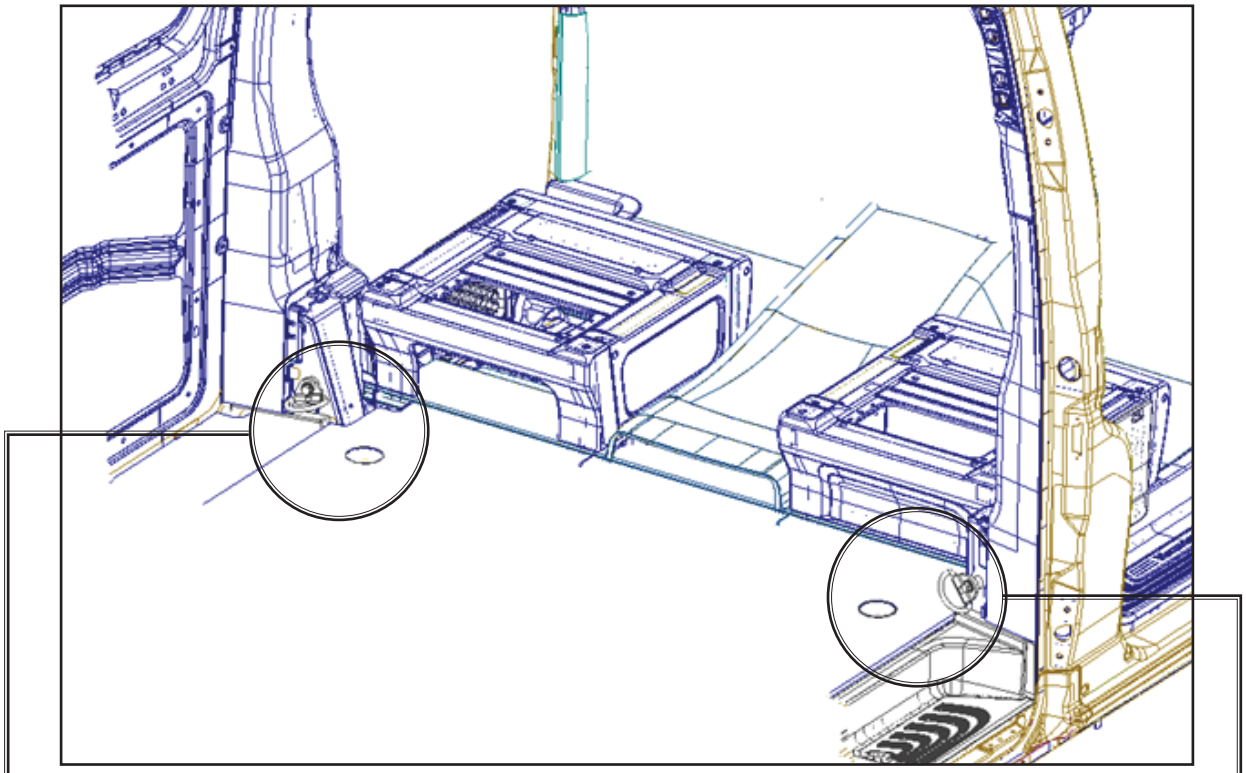
BEST PRACTICES FOR SUCCESSFUL INSTALLATION:

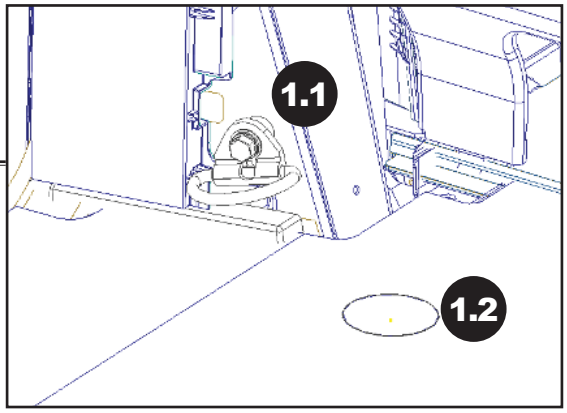
- Ensure you have all the required tools and hardware as listed to complete the installation.
- While following the steps in this guide do not tighten down any of the bolts/screws completely until the end or as indicated to do so in the installation guide.
- Ensure proper personal protective equipment is used during the installation including but not limited to safety glasses, ear plugs, gloves etc.
- As each OEM vehicle may vary slightly, you may need to trim outside edges of the partition/wall liner. This can be done easily with a jigsaw.
- Where applicable, please use a second person to lift or hold components during the installation.

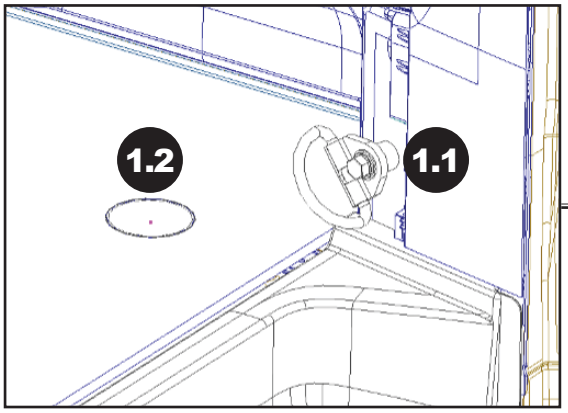
DISCLAIMER: WHILE OUR PRODUCTS ARE PRODUCED WITHIN A MANUFACTURING PROTOCOL - ABS COMPOSITE PARTITIONS AND WALL LINERS COULD HAVE SLIGHT VARIANCES THAT OCCUR DURING THE MANUFACTURING PROCESS. VARIANCES IN THE VEHICLE MANUFACTURING PROCESS CAN ALSO AFFECT HOW OUR PRODUCTS FIT. IT MAY BE NECESSARY TO TRIM SOME AREAS TO ACCOMMODATE A BETTER FIT. SHOULD YOU HAVE QUESTIONS DURING THE INSTALLATION PROCESS, PLEASE CONTACT US.

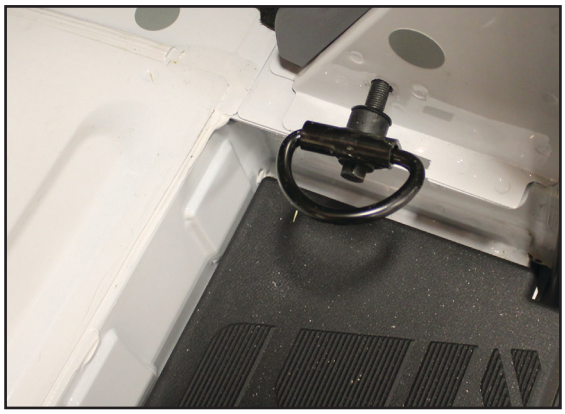
1) 1.1 Remove the two B-pillar D-rings using a T45 Torx driver, discard D-Ring wall bolt but retain the D-Ring.

1.2 Remove the OEM bottom M8 Bolts using the T45 Torx driver and retain.

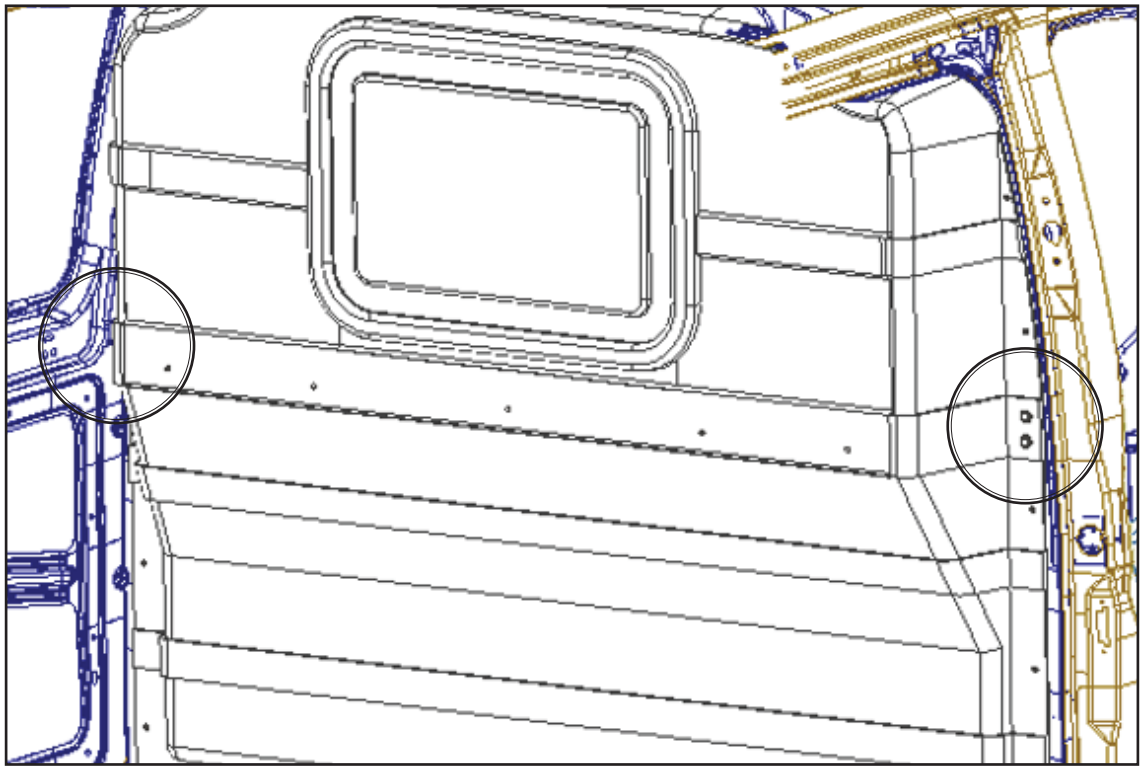








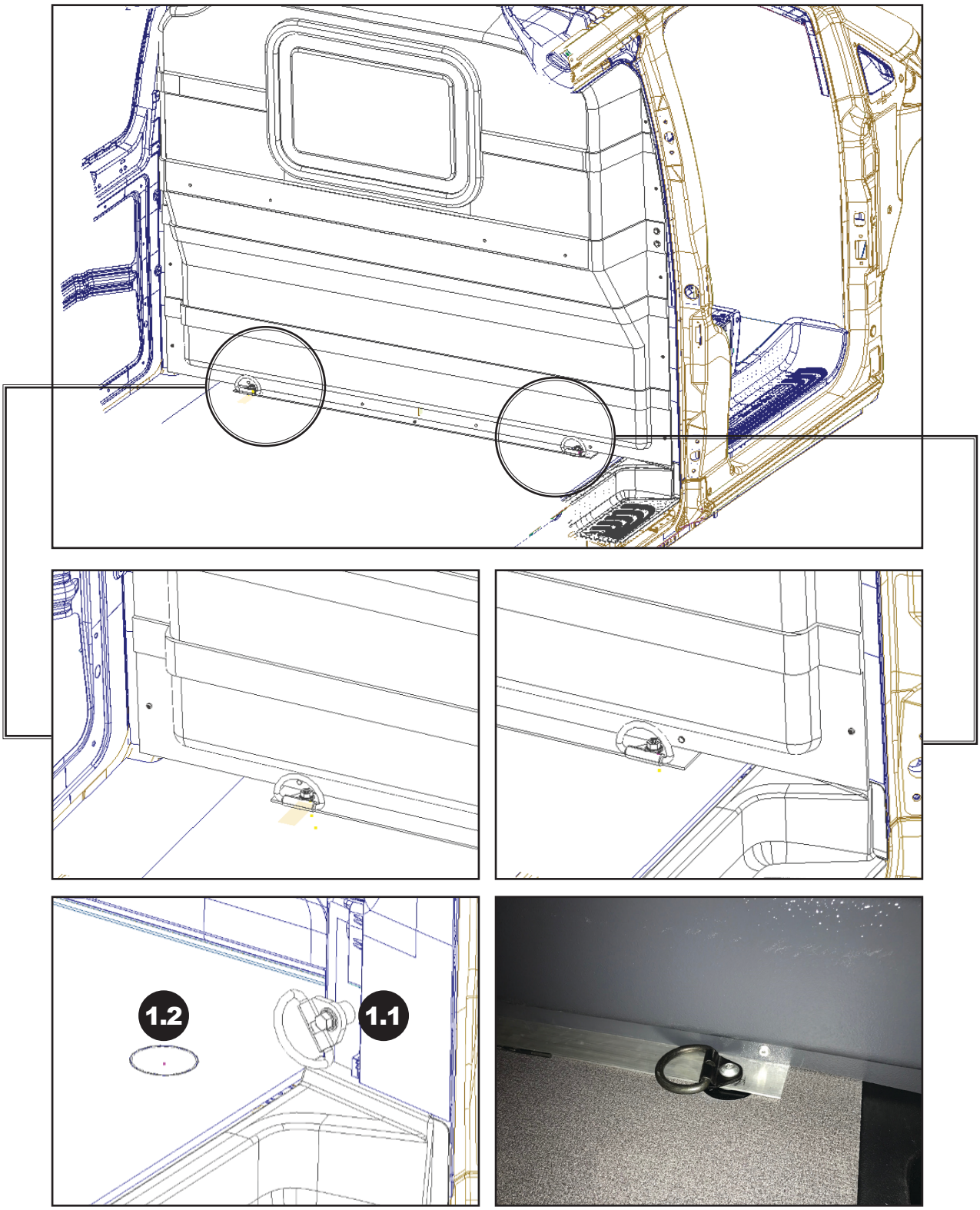
2) Locate the holes on the end of the rib and drill through just the partition using a 5/16 drill bit.



3) Slide a 3/8 zinc plated washer **(A)** into the bottom OEM holes to support the bottom rib.

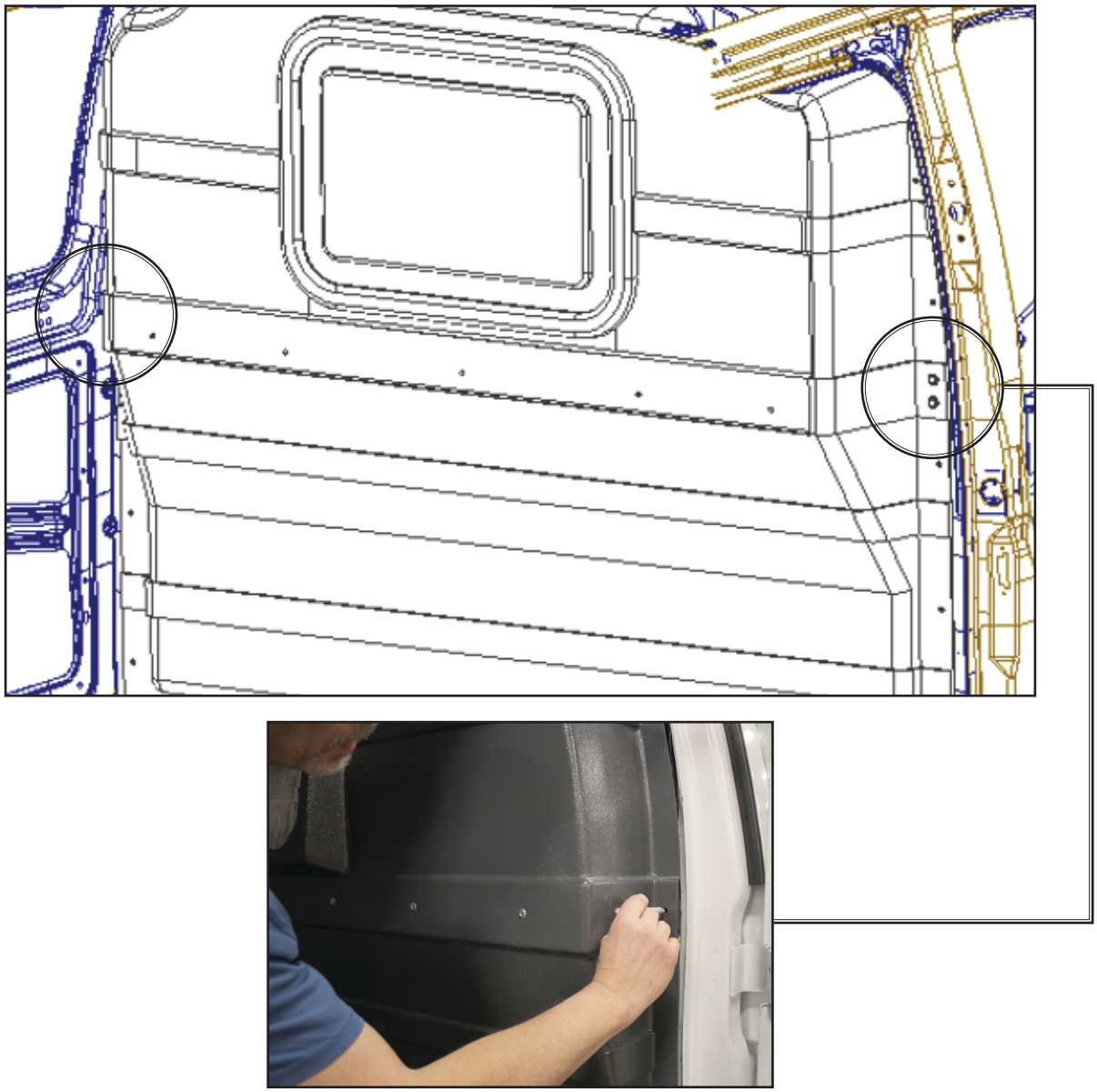
Slide the partition into place so that it lines up against the B-Pillars and the headliner.

Reattach the D-rings using the M8 bolts from step 1 on the bottom rib using the T45 Torx driver. This pulls the partition down into its resting place.



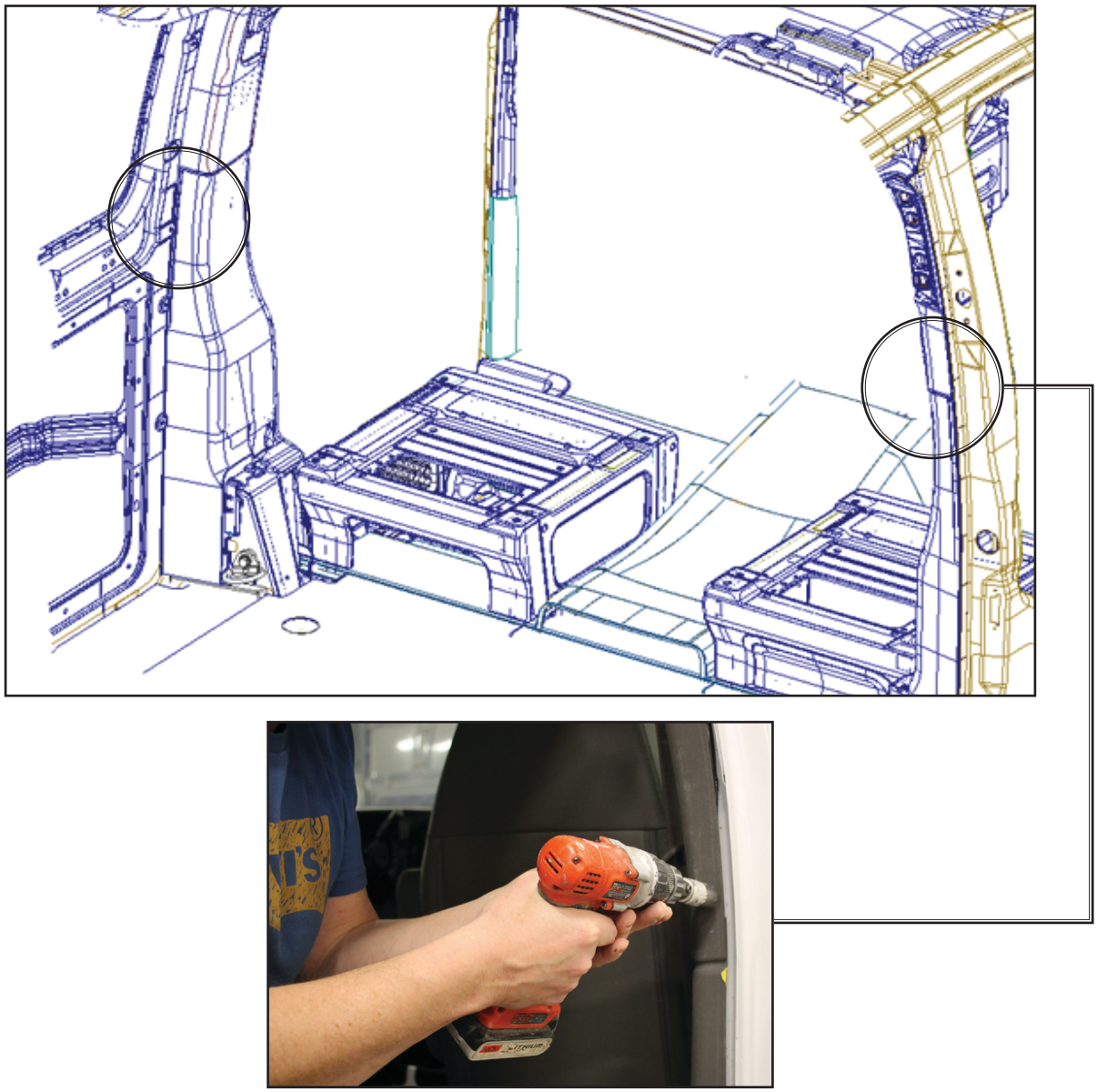
4) Mark the holes (2 on each side) for the mid rib and drill through the plastic and metal B-pillar using a 5/16” drill bit.

Undo step 3 and remove partition.



5) Using the drilled holes from **step 4** as a centerpoint, cut the B-Pillar plastic using a 1” hole saw. Install a plus nut **(B)** into the metal B-pillar. Insert a 1” spacer **(C)** in each hole. Verify access to the plus nuts.

Reinstall partition and **repeat step 3**.



6) Loosely secure the sides of the partition at the mid rib with the 2” bolts **(D)** and washers **(E)** as shown on **Diagram 1**.

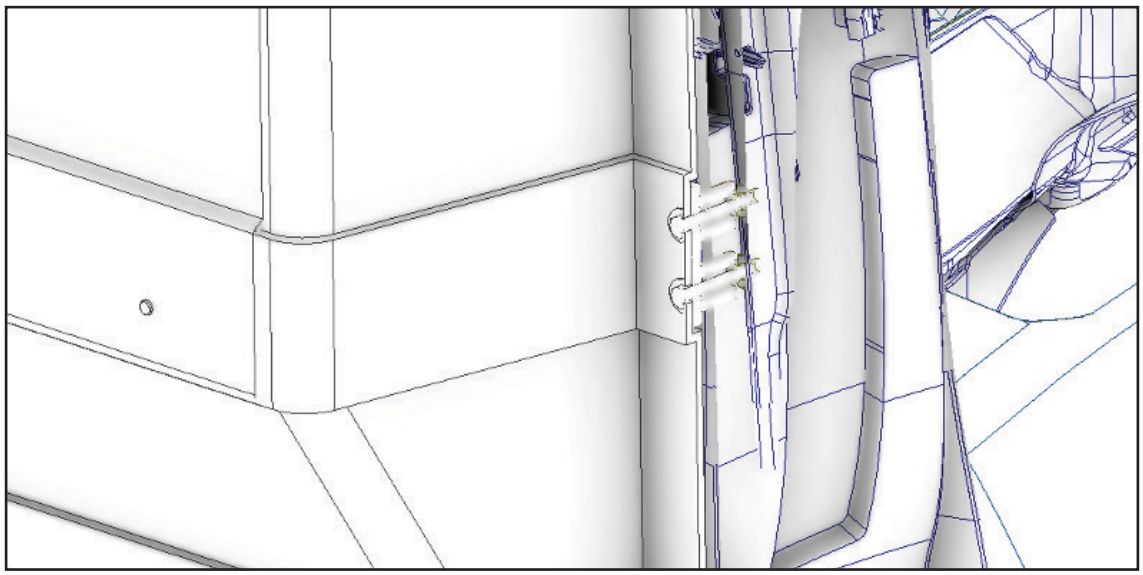
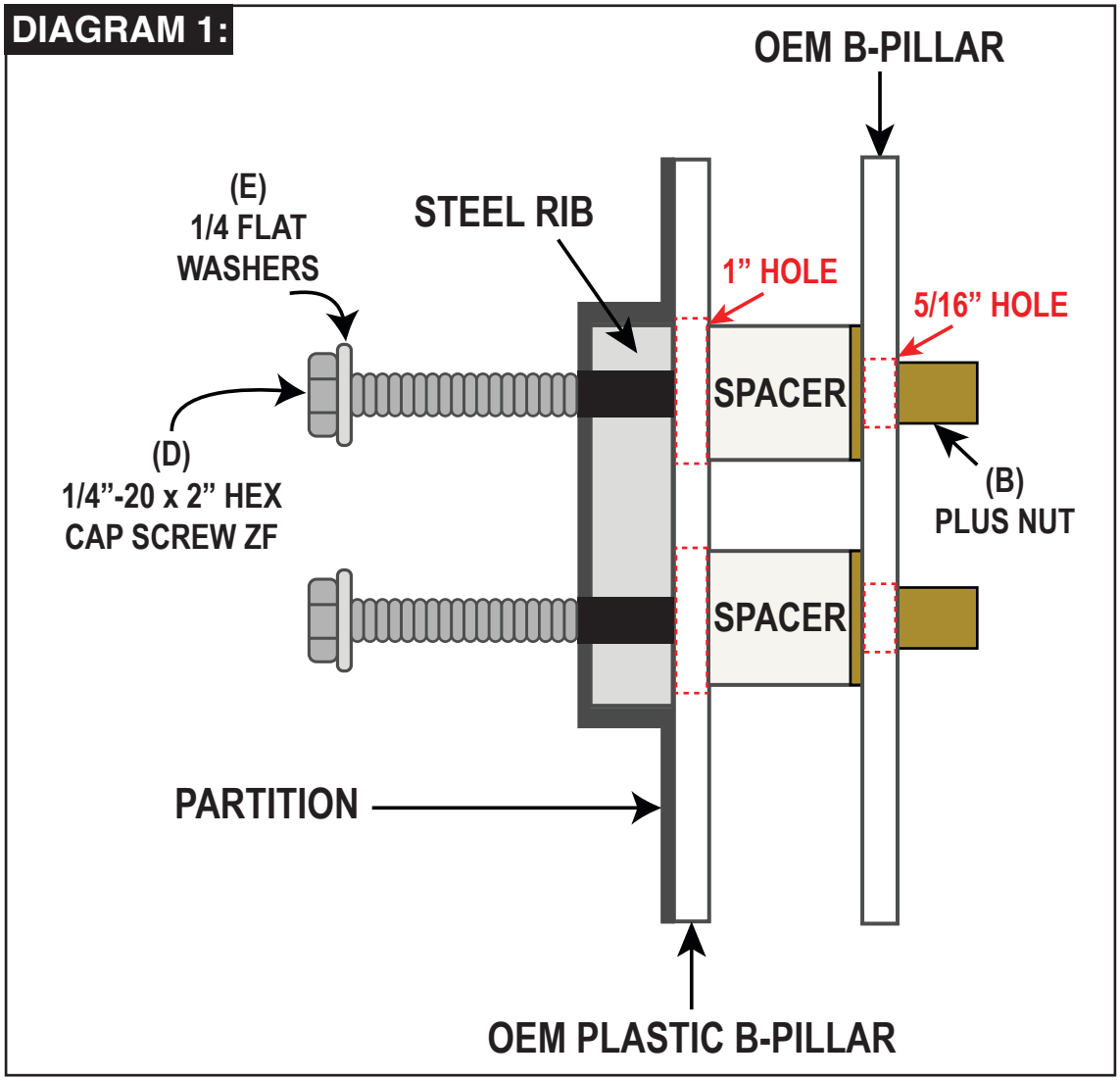


DIAGRAM 1:



7) For increased rigidity and noise reduction, follow **Diagram 2** and apply self-drilling screws **(F)** at marked locations until satisfied. When positioned, tighten any remaining loose bolts.

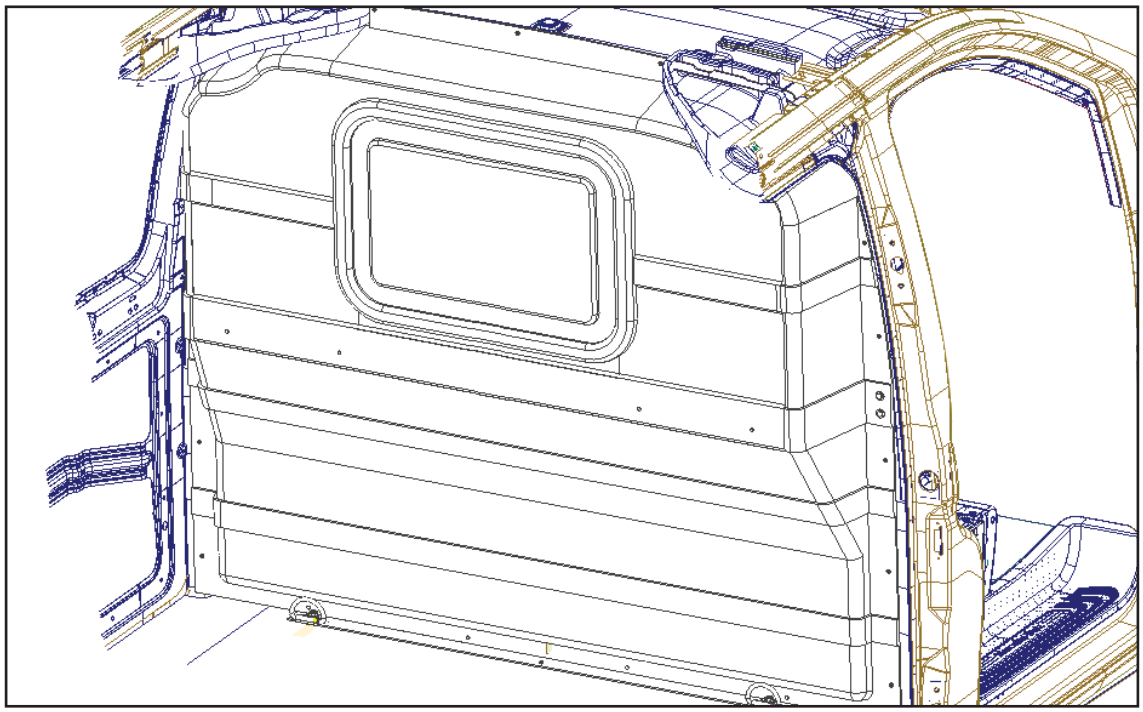
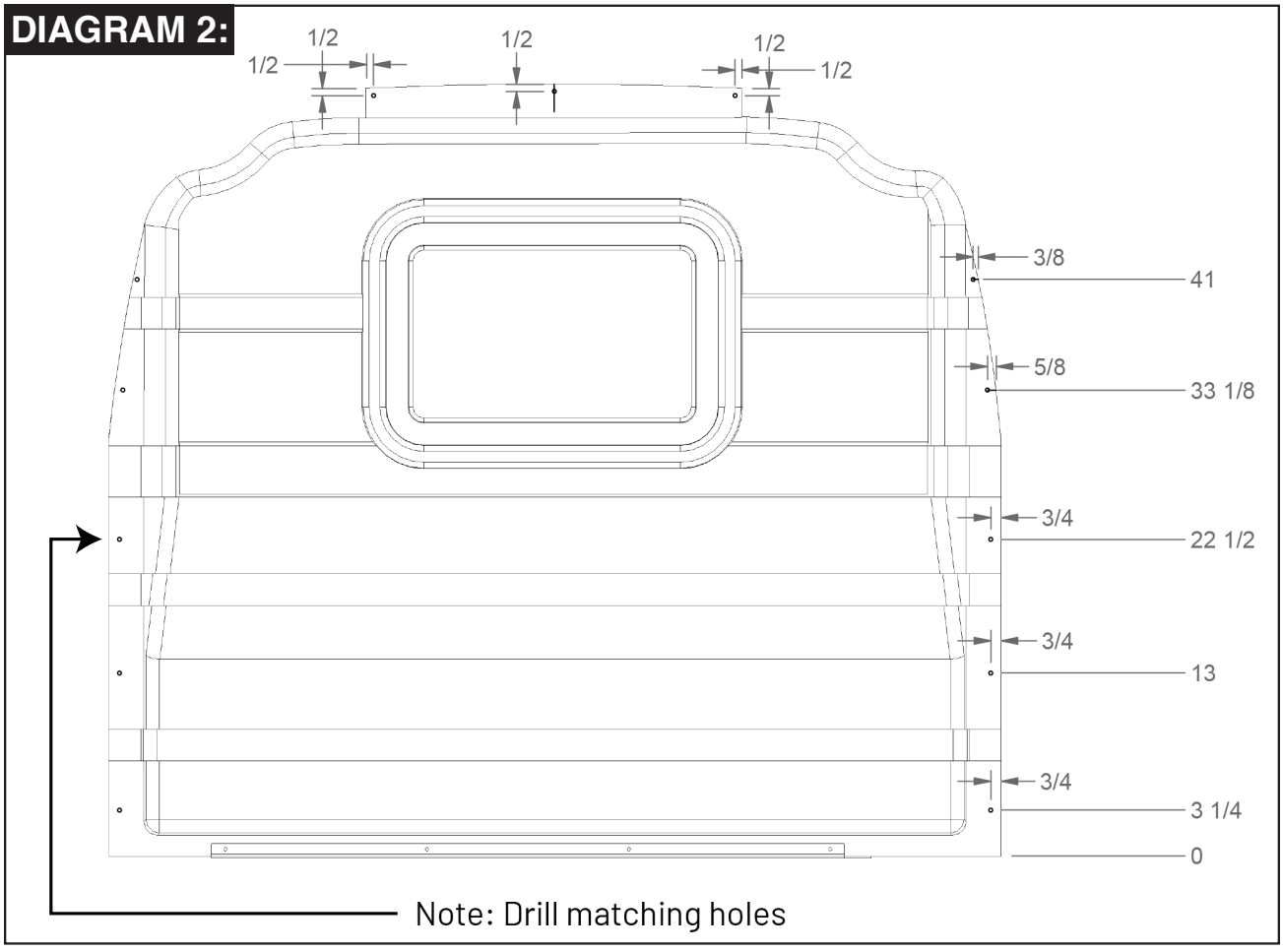


DIAGRAM 2:



8) Congratulations. your installation is complete.