BODYGUARD®
COMPOSITES

MI-LIN345 FORD TRANSIT LOW ROOF PARTITION INSTALLATION GUIDE

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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-LIN345 & MI-LIN346			
	QTY	DESCRIPTION	
	1	PARTITION PANEL	
A	4	SPACERS (1”Odx1/2”Idx3/4)	
B	7	PLUS NUTS	
C	7	FLAT WASHERS	
D	7	SPLIT WASHERS	
E	3	1/4”-20 X 1-1/2” PHILLIPS DRIVE PAN HEAD STEEL MACHINE SCREWS	
F	17	HEX HEAD #2 POINT 410 STAINLESS STEEL SELF-DRILLING SCREWS	
G	4	2” TRUSS HEAD SCREWS	
H	3	SPACERS (1”Odx1/2”Idx1/2”)	

SUGGESTED TOOLS:

1” HOLE SAW BIT (FOR 1” SPACERS)
HOLE SAW
11/32” DRILL BIT (FOR PLUS NUTS)
¼” NUT DRIVER (FOR SELF-TAPPING SCREWS)
DRILL
PLUS NUT GUN
PHILLIPS SCREW DRIVER
½” NUT DRIVER (FOR D-RINGS)

A (45-18128)
Spacers

B (10592-03962)
Plus Nuts

C (1133004)
Flat Washers

D (1133618)
Split Washers

E (1129196)
Pan Head Screws

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

G (29205)
2” Truss Head Screws

H (45-18141)
Spacers

Ensure you have all required hardware and equipment prior to beginning installation.

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.

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.

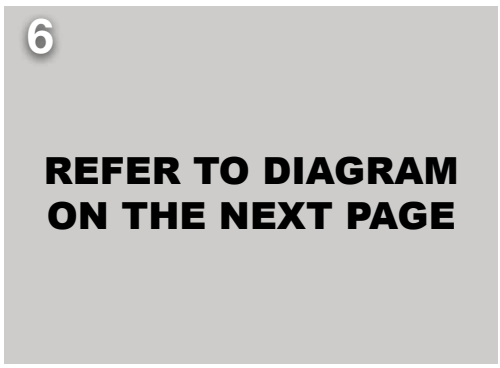
Pull back the rubber trim from around the door frame. Remove the D-rings using a 1/2” nut driver.

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

Replace the D-rings to hold the partition in the proper position. **Note:** If the vehicle only has the OEM metal floor, use spacers (**H**) to hold the partition in place. Sticky tape can help to keep the spacers in place temporarily.

Using the pre-drilled holes in the steel rib as a guide, mark the B-pillar plastic. Mark the holes in the bottom bracket.

Remove the D-rings and partition. Then drill pilot holes through the plastic and the metal B-pillar.

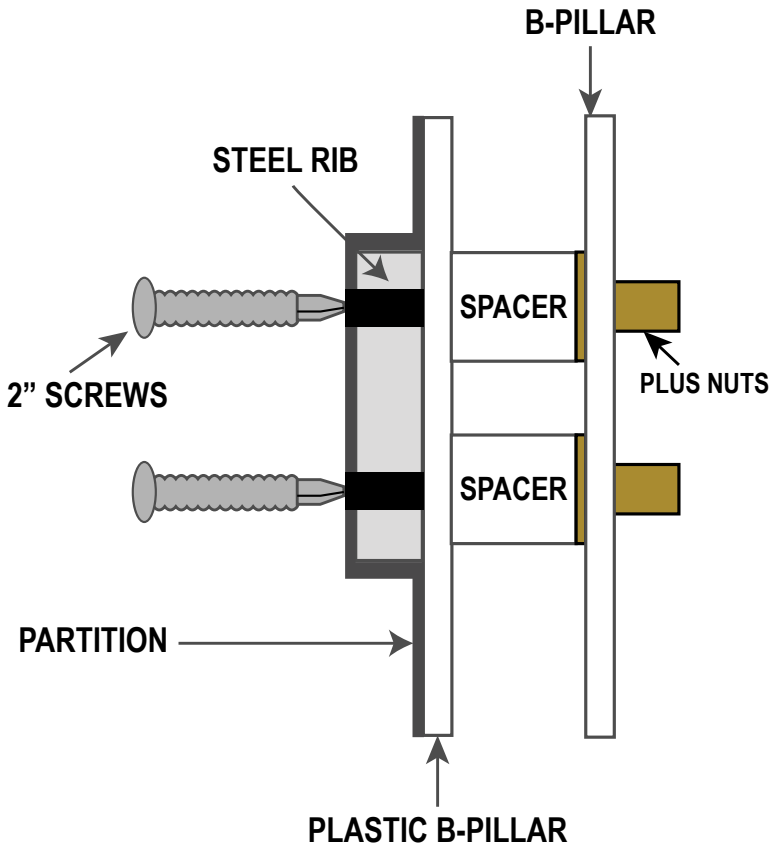


Using the 1” hole saw, cut the B-pillar plastic as marked. Drill a 11/32” in the B-pillar metal and in the floor. Insert plus nuts (**B**) using the plus nut gun. Insert spacers (**A**) in the 1” hole of the B-pillars plastic.

Re-insert the partition and reattach the D-rings. Loosely secure to the floor using 1 ½” screws (**E**), washers (**C**), and split washers (**D**). Loosely secure the sides of the partition with the 2” screws (**G**), washers (**C**), and split washers (**D**).

Loosely secure self-tapping screws (**F**) with the ¼” nut driver through the pre-drilled holes of the partition. When properly positioned, tighten all bolts.

Adjust the weatherstripping. The rubber should cover the outer edge of the panel. Installation is complete.


B-PILLAR
STEEL RIB
SPACER
PLUS NUTS
2” SCREWS
SPACER
PARTITION
PLASTIC B-PILLAR