BODYGUARD® COMPOSITES

MI-LIN903 RAM PROMASTER 159 WB HIGH ROOF DUAL DOOR LINER PACKAGE INSTALLATION GUIDE

MI-LIN904 RAM PROMASTER 159 WB HIGH ROOF DUAL DOOR LINER PACKAGE WITH E-TRACK 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

WALL LINER KIT		
	QTY	DESCRIPTION
	5	BODYGUARD PANELS
A	44	3/4” SELF-TAPPING SCREWS
B	44	WASHERS FOR SELF-TAPPING SCREWS
C	44	COVERS FOR SELF-TAPPING SCREWS
D	14	#10 TRUSS HEAD SCREWS

E-TRACK KIT ONLY		
	QTY	DESCRIPTION
E	2	72” E-TRACK
F	36	1/4” POP RIVETS
G	2	PRE-ASSEMBLED ALUMINUM E-TRACK BRACKETS
H	4	PLASTIC SPACERS FOR BRACKETS

NOTE: EXTRA HARDWARE MAY BE INCLUDED.

SUGGESTED TOOLS:

DRILL
RIVET GUN
T40 TORK DRIVER (FOR D-RINGS)
1 1/8” HOLE SAW (FOR D-RINGS)

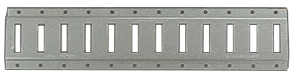
A 3/4” Self-Tapping Screws

B Washers

C Covers

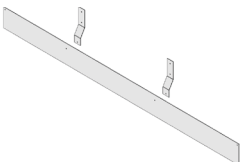
D #10 Truss Head Screws

E E-Track



F 1/4” Pop Rivets

G E-Track Brackets

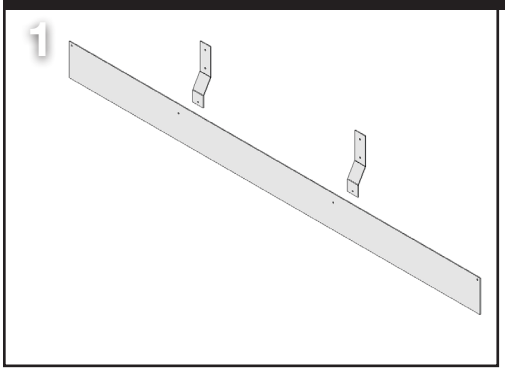


H Spacers for Bracket

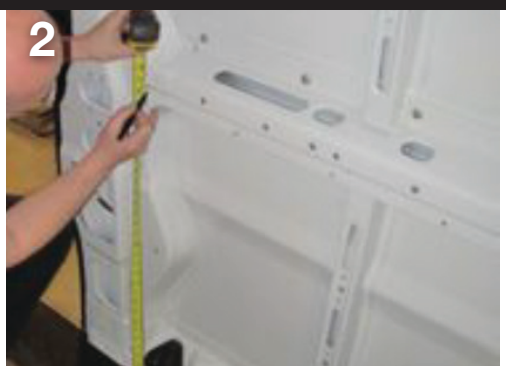
Ensure you have all required hardware and equipment prior to beginning installation.
Some extra trimming of panels may be required to accommodate variances in vehicle interiors.

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.

COMPLETE STEPS 1-4 ONLY IF YOU HAVE PURCHASED THE E-TRACK KIT

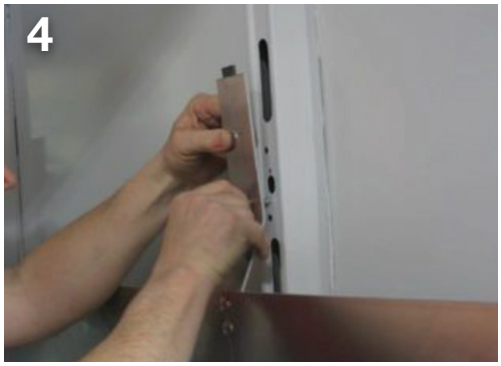


Assemble E-Track brackets (**G**) using 1/4” pop rivets (**F**)



Mark 30.5” up from the floor along the center horizontal rib at both ends of the driver and passenger side walls.

Using the bracket (**G**) as a jig, mark out 4 hole points in the vertical ribs as indicated. Mark out the holes at both ends of the bracket. Drill out using a 1/4” bit. Be sure to stop drilling as soon as you have passed through the rib.



Holding the bracket (**G**) in place, slip a plastic spacer (**H**) between the bracket and van rib. Insert rivets (**F**) into the holes and secure using a rivet gun. Then, attach the bracket at both ends using rivets (**F**) and plastic spacers (**H**). Repeat steps for other side of the van.

WALL LINER INSTALLATION:

Remove the plastic trim pieces (2) near the rear doors. They will be reinstalled later.

Peel back the weatherstripping.

If present, remove D-rings. If desired, holes can be drilled into the dimples on the liner to reinstall the D-rings later.

Insert rear driver and passenger wall panels and adjust any weatherstripping so it covers over the liners.

Secure the liners using self-tapping screws (**A**), caps (**B**), and washers (**C**).

Reinstall the plastic trim pieces removed in **Step 5** with provided screws (**D**)

Insert the front driver side door panel and secure with self-tapping screws (**A**), caps (**B**), and washers (**C**)

Insert the passenger side door panel. Adjust weatherstripping and secure the panel to the passenger wall panel with self-tapping screws (**A**),caps (**B**), and washers (**C**).

Insert the small rear door panel and secure to rear driver and passenger panels with self-tapping screws (**A**), caps (**B**), and washers (**C**).

Drill holes in dimples to accommodate any D-rings that were previously removed. Reinstall D-rings using metal spacers (**E**).

Installation of wall liner kit is complete. If you purchased an E-Track kit, continue onto next page.

COMPLETE STEPS 16-18 ONLY IF YOU HAVE PURCHASED THE E-TRACK KIT

16

The E-track is positioned between the third and fourth ribs from the base of the wall.

Using the pre-drilled holes in the liner wall as a guide, drill two 1/4” holes through the previously installed aluminum backing plate.

17

Secure the end of the E-track to the wall through through these holes with rivets (**F**).

18

Using the holes in the E-track as a guide, drill a 1/4” hole after every 6 holes in the E-track. You will have 6 holes in the top and 6 hole in the bottom. Secure with rivets (**F**). Repeat steps for the other side of the van.

Installation of wall liner kit with E-Track is complete.