BODYGUARD®
COMPOSITES

MI-LIN1020 NISSAN NV HIGH ROOF WALL LINER INSTALLATION GUIDE

MI-LIN1021 NISSAN NV HIGH ROOF WITH E-TRACK WALL LINER 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-LIN1020 | MI-LIN1021		
	QTY	DESCRIPTION
	5	BODYGUARD PANELS
A	34	1/4” Pop Rivets
B	32	#8 X 1” DRILL POINTS SCREWS
C	32	WASHER FOR DRILL POINT SCREWS
D	32	SNAP CAP COVERS FOR DRILL POINT SCREWS
E	6	M6-1 x 44mm HEX HEAD BOLTS
F	5	M8-1.25 x 44mm PAN HEAD BOLTS
G	3	E-TRACK BRACKETS
H	2	E-TRACKS

NOTE: EXTRA HARDWARE MAY BE INCLUDED.

SUGGESTED TOOLS:

DRILL
RIVET GUN

A 1/4” Pop Rivets

B Drill Point Screws

C Washers

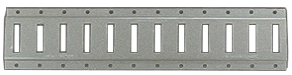
D Snap Cap Covers

E M6 Hex Head Bolts

F M8 Pan Head Bolts

G E-Track Brackets

H E-Tracks

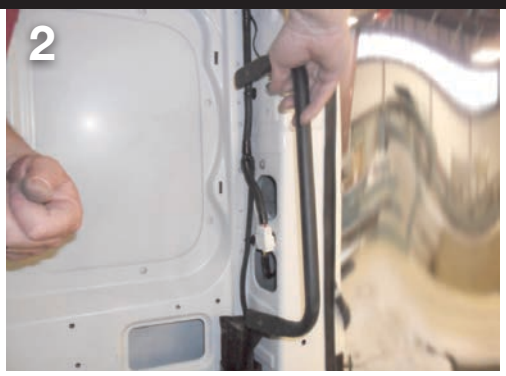


Ensure you have all required hardware and equipment prior to beginning installation.
Some extra trimming of panels may be required to accommodate variances in vehicle interiors.

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.

PREPARING FOR INSTALLATION:

Remove jack and jack bracket by removing the two OEM bolts. Keep bolts for reinstallation later.



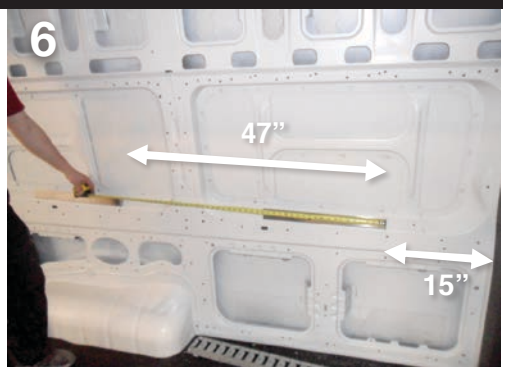
Remove grab handle. Discard OEM bolts. Grab handle will be reinstalled later.

Remove the foam cover from above the side door. OEM bolts can be discarded. The foam will be reinstalled later.

COMPLETE STEPS 4-6 ONLY IF YOU HAVE PURCHASED THE E-TRACK KIT

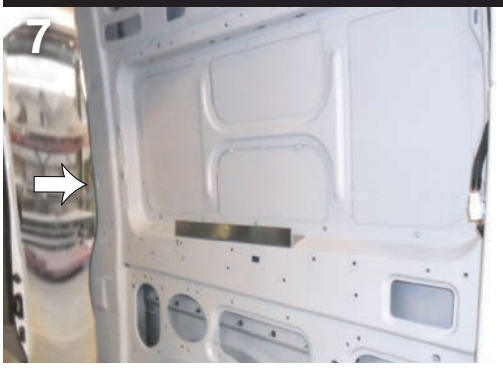
Install the first E-Track bracket (**G**) 22.5” from the passenger side door to the leading edge of the bracket as shown. Drill 1/4” holes at each hole location on the bracket, then secure to the wall with four rivets. (**A**)

Install the second E-Track bracket (**G**) 15” from the driver side B-Pillar to the leading edge of the bracket as shown. Drill 1/4” holes at each hole location on the bracket, then secure to the wall with four rivets. (**A**)



Install the third E-Track bracket (**G**) 47” from the leading edge of the second bracket on the driver side as shown. Drill 1/4” holes at each hole location on the bracket, then secure to the wall with four rivets. (**A**)

WALL LINER INSTALLATION:



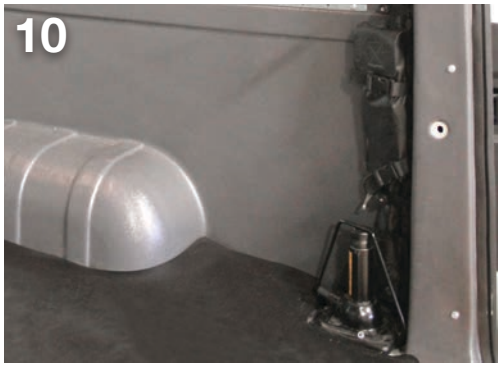
Pull the weatherstripping from the side door

Secure side door trim using two screws (**B**), washers (**C**) and snap caps (**D**) as shown.

Reinstall foam pad with two M6 bolts (**E**).

Insert passenger side wall liner through back doors and slide jack rubber strap through exisiting holes in the liner.

Fasten wall liner using screws (**B**), washers (**C**) and snap caps (**D**) in the fifteen pre-drilled hole locations. Reattach weatherstripping on side door.

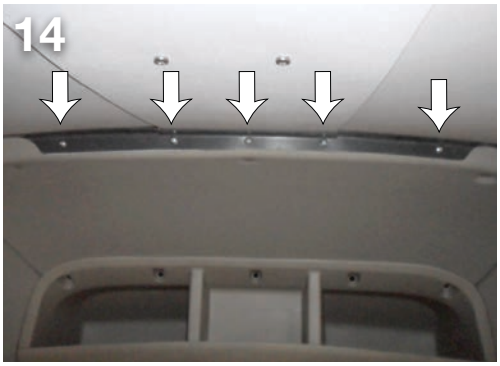


Reinstall jack bracket using OEM bolts.

Reinstall grab handle using M6 bolts (**E**), and replace jack and tools.

Insert driver side wall in through back doors and tuck the front end of the liner behind the driver-side B-Pillar plastic covers.

Fasten wall liner using screws (**B**), washers (**C**) and snap caps (**D**) in the **11** pre-drilled hole locations.



Fasten front ceiling trim using five M8 bolts (**F**) in the five existing threaded inserts.

Attach rear ceiling trim using four screws (**B**), washers (**C**) and snap caps (**D**).

Wall liner installation is complete. Complete steps on following page only if you purchased an E-Track kit.

FINISH INSTALLING E-TRACKS:

17

Align 4ft passenger side E-Track (**H**) with the pre-drilled holes on the wall liner. Drill eight 1/4” holes through the E-Track bracket (**G**) using the holes on the E-Track.

18

Secure the E-Track (**H**) with eight rivets (**A**).

19

Align 8ft driver side E-Track (**H**) with the pre-drilled holes on the wall liner. Drill fourteen 1/4” holes through the E-Track bracket (**G**) using the holes on the E-Track.

20

Secure the E-Track (**H**) with fourteen rivets (**A**).

21

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