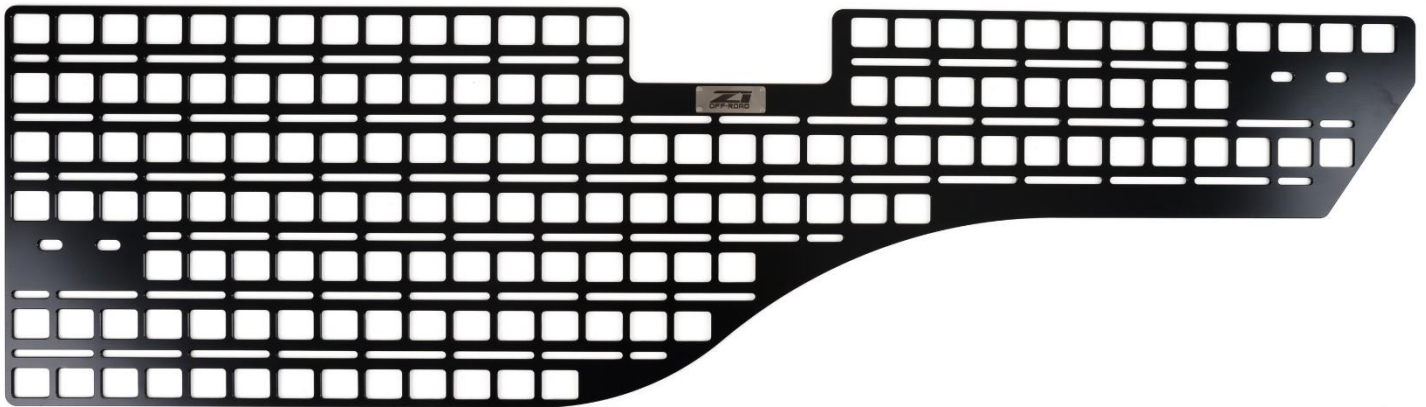


Z1 2022+ NISSAN FRONTIER BEDSIDE MOLLE PANEL INSTALLATION MANUAL



This Installation Manual is intended for the following models:

2022+

Nissan Frontier (Short Bed Models ONLY)

PROLOGUE:

Study these instructions completely before proceeding to assembly. The installer must have a thorough knowledge of automotive systems operation. If unfamiliar with any of the concepts outlined in this instruction, we recommend the installation be completed by a qualified professional.

WARNING!

Extreme caution should be taken when performing maintenance or performance upgrades to your vehicle. Please observe and abide by any Warning or Caution labels placed on the various components and tools used when servicing your vehicle. If you have any questions regarding installation or the various components included with the Z1 Off-Road 2022+ Nissan Frontier Bedside Molle Panel, consult with a Professional Mechanic or contact Z1 Off-Road for more information.

PARTS INCLUDED:

The parts in the chart below are for one MOLLE panel. If you ordered both the left and right side panels, you will receive twice the quantity for each part (except the Riv-Nut tool).

Item	Quantity	Description
1	1	MOLLE Panel
2	2	Long Standoff 65mm
3	1	Medium Standoff
4	2	Short Standoff
5	1	Corner Standoff
6	2	M8 x 45mm Button Head Screw
7	2	M8 x 90mm Button Head Screw
8	1	M6 x 40mm Button Head Screw
9	1	M6 x 80mm Button Head Screw
10	2	M6 Flat Washer
11	4	M8 Flat Washer
12	2	M6 Black Plastic Self-Retaining Washer
13	4	M8 Black Plastic Self-Retaining Washer
14	2	M6 Riv-Nut Tool
15	1	M6 Riv-Nut
16	1	Nail

TOOLS REQUIRED:

- Ratchet
- Ratchet Extension(s)
- Assorted Metric Sockets
- Assorted Metric Wrenches
- Drill
- 3/8" Drill Bit
- 4mm Allen/Hex Socket
- 5mm Allen/Hex Socket
- Hammer
- Riv-Nut Tool (provided)

SAFETY REQUIREMENTS:

- Always wear safety glasses and any necessary protective garments. If using any fluids, chemicals, or solvents, a respirator is recommended.
- Always use properly rated jack stands when working under your vehicle.
- Always keep limbs and parts away from moving drivetrain parts.
- Always turn the ignition to the OFF position and disconnect the NEGATIVE battery terminal.
- Only operate drivetrain in safe space and well-ventilated areas.

BEFORE YOU BEGIN:

Remove contents from the Z1 Off-Road 2022+ Nissan Frontier Bedside Molle Panel and verify that ALL necessary hardware is present.

PROCEDURE:

1. Place the transmission in Park position (or in Reverse gear if equipped with a manual transmission). Apply the parking brake.
2. Remove the factory tie down loops on the bed sides using a 12mm socket and wrench. There are (2) two tie downs on each side held in by (2) two bolts. Ours are already removed. See *Figure 1* below.



Figure 1

3. Locate the Z1 MOLLE panel, (2) two Long Standoffs, (2) two Short Standoffs, (2) two M8 x 90mm Button Head screws, (2) two M8 x 45mm Button Head screws, (4) four M8 Flat Washers, and (4) four M8 Black Plastic Self-Retaining Washers. The Standoffs needed in this step are the ones with the larger (8mm) hole through the center, to be used with the M8 Screws. The other Standoffs have a smaller (6mm) hole through the center and will be used with the M6 Screws at a later step.

4. There are two sections of the MOLLE panel that do not have the standard square holes but instead two small, slotted holes. Install the screws with a washer into the slots, then place the standoffs on the backside of the panel and secure the standoffs to the screws with the self-retaining washers. The longer 90mm bolts and longer standoffs will be used at the front (shorter) side of the panel and the shorter 45mm screws and shorter standoffs will be used at the rear (taller) side of the panel. Use the images below as reference:



Rear of MOLLE Panel with shorter standoffs



Front of MOLLE Panel with longer standoffs

5. Loosely install the MOLLE Panel onto the bed, it will be removed again in a few steps. *Figure 2.*



Figure 2

6. Locate the long 6mm Standoff, (1) one M6 x 80mm Button Head Screw, and (1) M6 Flat Washer. Snake the standoff behind the MOLLE Panel. Line it up with the top row, and the fourth large slot from the back of the car. Insert the M6 x 80mm Button Head screw to hold the 6mm Standoff in position. See *Figure 3* below for reference.



Figure 3

7. Locate the short 6mm Standoff, (1) one M6 x 40mm Button Head Screw, and (1) one M6 Flat Washer. Snake the Standoff behind the MOLLE Panel. Line it up with the fourth row from the bottom, and the eighth large slot from the back of the car, or directly below the Z1 Logo. Insert the M6 x 40mm Button head screw to hold the 6mm Standoff in position. See *Figure 4* below.



Figure 4

- Once you are satisfied with placement of the 6mm Standoffs, remove the M6 bolts, and use the provided Nail (or a center punch) and a hammer to mark the center of each standoff on the truck bed. Do this for each 6mm Standoff. See *Figure 5* below.



Figure 5

NOTE: We suggest using a marker to paint the center punch marks so they are easier to locate when it comes to drilling.



Using a paint marker to mark the center punch

9. Remove the MOLLE Panel and set aside.
10. Using a drill and a 3/8" drill bit, drill into the truck bed at the (4) four holes marked by the center punch. See *Figure 6*.

NOTE: We recommend using a Drill Stop to prevent the drill bit from going too far into the truck bed.



Figure 6

11. Locate the provided M6 Riv-Nut tool and the (4) four M6 Riv-Nuts.
12. Using the provided Riv-Nut tool, insert a single Riv-Nut into each hole that you drilled during *Step 10*. See *Figure 7* below for installation, and *Figure 8* for the intalled Riv-Nut.



Figure 7



Figure 8

13. Reinstall the MOLLE Panel, and loosely tighten the M8 bolts on the outside of the panel.
14. Snake the M6 Standoffs with the (2) two M6 Black Plastic Self-Retaining Washers behind the MOLLE Panel and over the inserted Riv-Nuts. Insert the (2) two M6 Bolts and (2) two M6 Flat Washers into the standoffs from the front of the MOLLE Panel. See *Figure 9* below.



Figure 9

15. Once the MOLLE Panel is aligned, tighten the the M6 Bolts with a 4mm Allen Wrench, and tighten the M8 Bolts with the 5mm Allen Wrench.
16. Your MOLLE Panel is now installed. If you purchased two MOLLE Panels, repeat *Steps 2-15* for the other side.



Completed Driver side MOLLE Panel



Completed Passenger side MOLLE Panel

END

Additional Technical Support:
Contact Z1 Off-Road at info@z1offroad.com
Or call 678-839-8019 between 9am and 6pm ET