



NISSAN NV LADDER INSTALLATION INSTRUCTIONS

Please read before beginning

- *Stainless steel hardware may bind together when tightening—It is recommended that you apply an anti-seize assembly lubricant to the threads of each bolt before assembly*
- *Unless otherwise specified, refer to the general torque value at the end of the instructions for specified torque values*

Included Hardware:

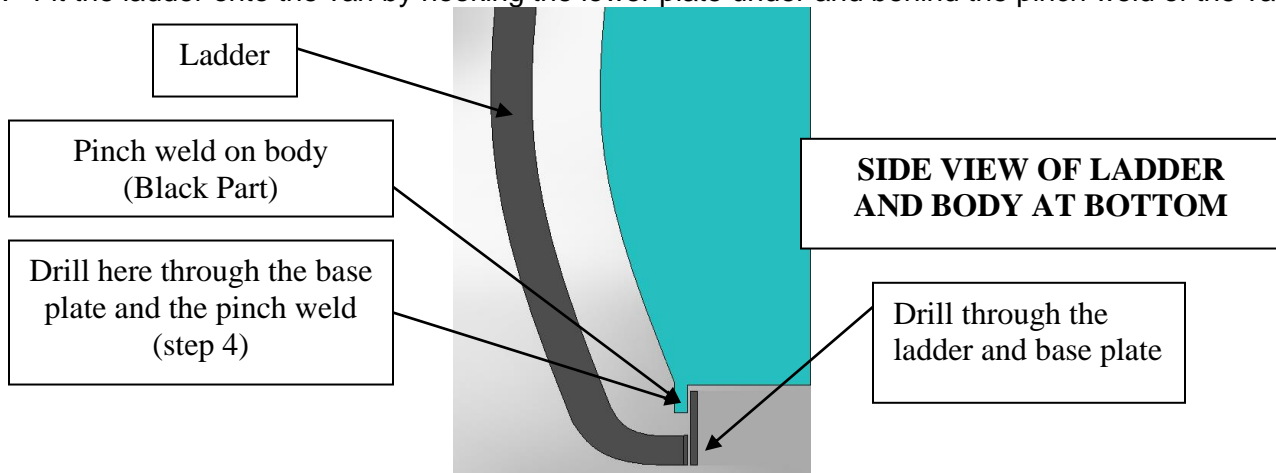
- 70014 - 1/4-20 x 1" Button Head Allen Bolt SS 4
- 70009 - 1/4 x 5/8 Washer SS (.03" Thick) 8
- 70008 - 1/4-20 Nylock Nuts SS 4
- Pinch Weld Extension Plate 1
- Antiseize Packet, 2g 1



Pinch Weld Extension Plate
3" x 15"

Installation Instruction:

1. Fit the ladder onto the van by hooking the lower plate under and behind the pinch weld of the van.



2. Fastening the top of the ladder:
 - a. Using the pipe clamps with the 1/4" x 1 1/2" socket cap screw, fasten down the clamps, but do not tighten down all the way.
3. Use a clamp or two to hold the lower plate tight against the pinch weld.
4. Due to different heights in roof racks an extension plate may be required. If the ladder does not meet up with the pinch weld install the extension plate using the same method below.
5. Drill 2 - 1/4" holes through the bottom plate and pinch weld.
6. Insert the 1/4"-20 x 1 1/4" button head bolt, with 1/4" washers through the drilled holes and tighten down with 1/4"-20 Nylock Nuts.
7. Tighten bolts on the top brackets.



8. Check that all hardware is tight.

General Torque Values			
Size	Stainless Steel	Zinc	Grade 8
#6-32	10 lb-ft	--	--
#8-32	18.4 lb-ft	--	--
#10-32	26.6 lb-ft	--	--
1/4"-20	5.3 lb-ft	7.8 lb-ft	9 lb-ft
5/16"-18	10.9 lb-ft	16 lb-ft	18 lb-ft
3/8"-16	19.4 lb-ft	28.3 lb-ft	33 lb-ft
7/16"-14	31 lb-ft	45 lb-ft	52 lb-ft
1/2"-13	47 lb-ft	69 lb-ft	80 lb-ft
M6	4.7 lb-ft	5.8 lb-ft	--
M8	11.3 lb-ft	14.1 lb-ft	--
M10	22.3 lb-ft	27.9 lb-ft	--
M12	38.9 lb-ft	48.7 lb-ft	--



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