



## NERF BAR INSTALLATION INSTRUCTIONS

2003-2020 GMC/CHEVY VAN 155 Wheel Base [PN: 210160 & 210160.1]

### 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*
- *This installation requires two people*
- *Unless otherwise specified, refer to the general torque value at the end of the instructions for specified torque values.*



### Required tools

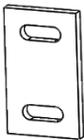
- Standard wrench set
- Drill, with ¼" drill bit

### Included hardware

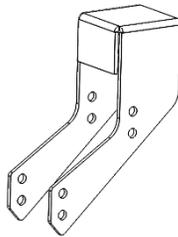
### Quantity

- |   |    |
|---|----|
| • 70008 - 1/4-20 Stainless steel nuts with nylon locking insert | 12 |
| • 70009 - 1/4 x 5/8 Washer                                      | 26 |
| • 70088 – 1/4-20 X 5 ½" Hex Bolt                                | 4  |
| • 70089 – ¼-20 x 4" Hex Bolt                                    | 2  |
| • 70119 - 1/4-20 x 2" Button head socket cap screw              | 6  |
| • 70024 – 3/8-16 Nylock Nut, SS                                 | 22 |
| • 70028 – 3/8" Flat Washer, SS                                  | 44 |
| • 70029 – 3/8-16 x 1 ¼" Hex Head Bolt, SS                       | 22 |
| • Antiseize Packet, 2g  | 1  |

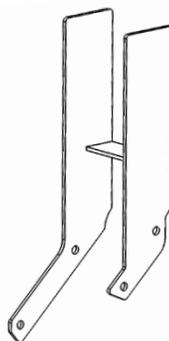
### Included Parts/Subassemblies



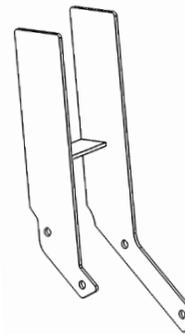
**X3**  
[350527] Aluminu  
Backing Plates



**X3**  
[310030 ]Ford/Chevy  
Nerf Bar Bracket



**X1**  
Chevy Rear Bracket  
Assy Driver



**X1**  
Chevy Rear Bracket  
Assy Passenger



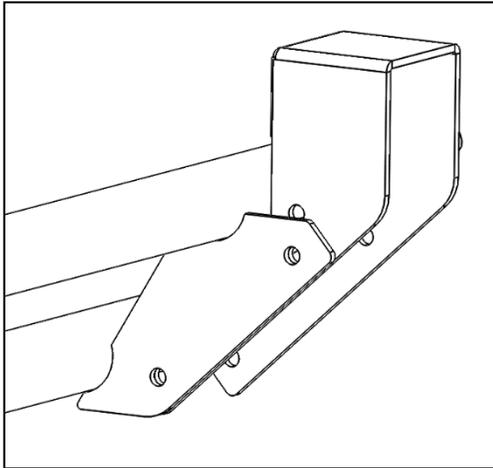
**X1**  
[350585]Chevy Mid Blade



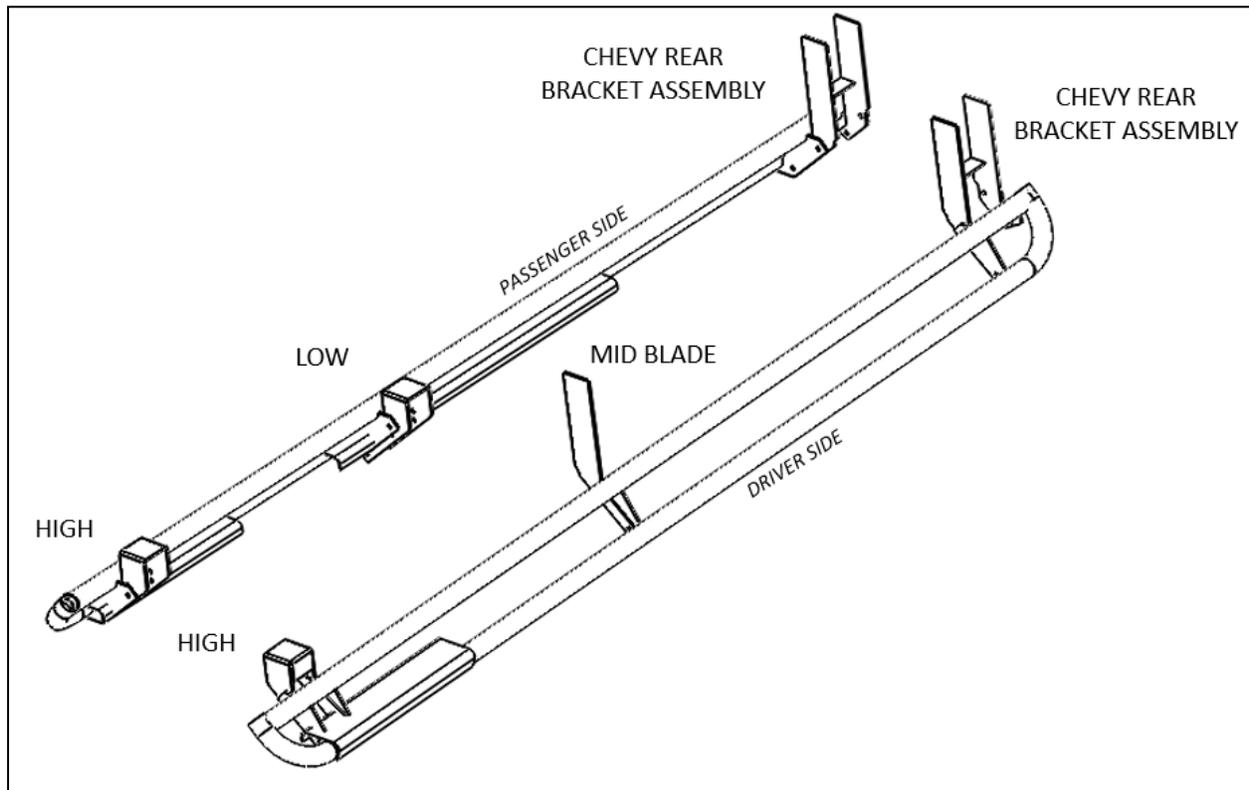
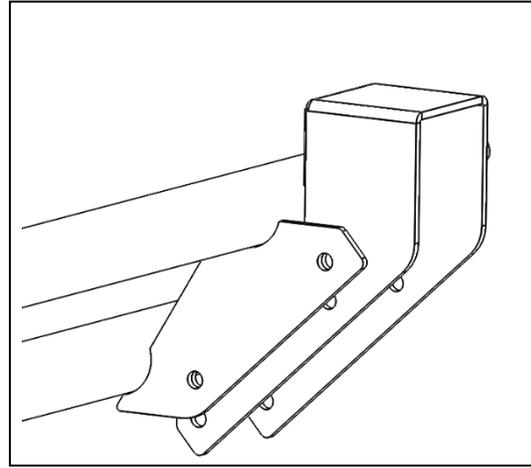
## Installation Instructions

1. Assemble the nerf bar brackets into the correct orientations shown in Figure 1. The passenger side and driver side nerf bars will assemble differently, be sure to note the differences outlined in Figure 1.
  - Some nerf bar brackets will have two sets of holes; you will need to utilize the correct set of holes for each bracket to ensure the correct bracket height when mounting.
  - Use the 3/8-16 x 1 1/4" bolts, along with accompanying nuts and washers, to fasten the brackets to the nerf bar assembly.

**Ex. HIGH Configuration**



**Ex. LOW Configuration**





**Figure 1.** Correct orientation of mounting brackets for Chevy 155 Nerf Bars.

2. Once your nerf bars are fully assembled, begin installation on the driver's side.
3. Remove the plastic step on the driver side found just inside the driver's door (take note of any wiring because you will be drilling in this area).
4. Hold the nerf bar up oriented correctly.
  - The front mounting bracket should be held up against the step (see figure 3) and the rear mounting bracket should be on either side of the stock van channel (see figure 4).



**Figure 2**

5. Front Mounting Bracket:
  - With the front mounting bracket held up against the step.
  - Drill through the bracket and the step with a 1/4" drill bit (be careful of any wiring that may be on the top of the step).
  - After drilling the first hole insert a 1/4-20 x 2" Button Socket Cap (70119) through the Slotted Aluminum plate hole (See figure 2.a), with a flat washer (70009) on both sides, and a 1/4-20 Nylock Nut (70008).



**Figure 2.a**

- The head of the bolt should be on the top of the step (i.e. the bolt is going down and the nut is on the bottom of the vehicle).
- Repeat steps "ii" and "iii" until there are two bolts attaching the front mounting bracket to the bottom of the step.



**Figure 3**

6. Rear Mounting Bracket:

- With the rear mounting brackets on either side of the cross-beam drill through both sides of the mounting bracket and the crossbeam with a  $\frac{1}{4}$ " bit.



**Figure 4**

- After drilling the first hole insert a  $\frac{1}{4}$ -20 x  $5 \frac{1}{2}$ " Hex Bolt (70088) through the hole, with a washer (70009) on either side, and  $\frac{1}{4}$ "-20 Nylock Nut (70008) on the end.
  - There are two extra washers for each 5" bolt for spacer if needed.
- Repeat steps "i" and "ii" so that there are two bolts holding the rear mounting bracket to the crossbeam (Try to offset these two bolts, top right and bottom left to help reduce "play" in the nerf bars).

7. Middle Mounting Bracket:



- Follow the same procedure outlined in step “d” to attach the middle bracket to the vehicle, using the ¼-20 x 4” Hex Bolt (70089).
  - There are two extra washers for each 4” bolt for spacer if needed
- The Middle Mounting Bracket on the driver side, has a single Blade to attach to the body of the vehicle.

- Passenger Side

1. The steps are the same for the passenger side except:



- The Middle Bracket on the passenger side is mounted the same way as the front brackets on both driver and passenger side.
- Drill through the bracket and the step with a ¼” drill bit (be careful of any wiring that may be on the top of the step).
- After drilling the first hole insert a ¼-20 x 2” Button Socket Cap (70119) through the Slotted Aluminum plate hole (See figure 2.a), with a flat washer on both sides, and a ¼-20 Nylock Nut (70008).
  - The head of the bolt should be on the top of the step (i.e. the bolt is going down and the nut is on the bottom of the vehicle).
- Repeat steps “ii” and “iii” until there are two bolts attaching the front mounting bracket to the bottom of the step



**Figure 1.a**

- For the rear mounting Procedures, follow steps 1-d as seen above for the driver side section.



<b>General Torque Values</b>			
<b>Size</b>	<b>Stainless Steel</b>	<b>Zinc</b>	<b>Grade 8</b>
#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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<b>Rev:</b>	<b>Date:</b>	<b>Description:</b>	<b>Changed by:</b>
D	2/10/23	Updated hardware kit to match what is needed and clarified instructions.	K.Mesch
E	5/31/23	Corrected part number for spacer plate	K.Mesch
F	9/7/223	Added new logo, Torque spec table, and QR code	E. Isacowitz