

## Installation Instructions



### 2019-2022 Ram® 2500 Nerf Steps S/BD2080CC-TX



For Technical Support / Warranty Information please call 1-800-776-0767  
Smittybilt, 1017 W. 600 N. STE 4, Ogden, UT 84404

## Introduction

Thank you for choosing Smittybilt accessories for your Ram® 2500. If you would like to view our full range of available accessories, please visit us at [www.smittybilt.com](http://www.smittybilt.com)



Soft Shackle w/ Recovery Ring



Fridges



Recovery Gear and Winches

Ram® is a registered trademark of Stellantis N.V.®

## Important Notes Before Starting

### ! IMPORTANT NOTE

Carefully read through this entire instruction manual thoroughly before attempting to install this part. Images are for illustration purposes and may vary from your vehicle. Installation will remain the same.

### ! WARNING

Serious injury can occur when working on vehicles alone.

When possible, work with another person to reduce risk of injury from strain or other dangers that can occur when working alone.

### ! WARNING

The weight limit for these steps is 445lbs. Do not exceed this weight limit.

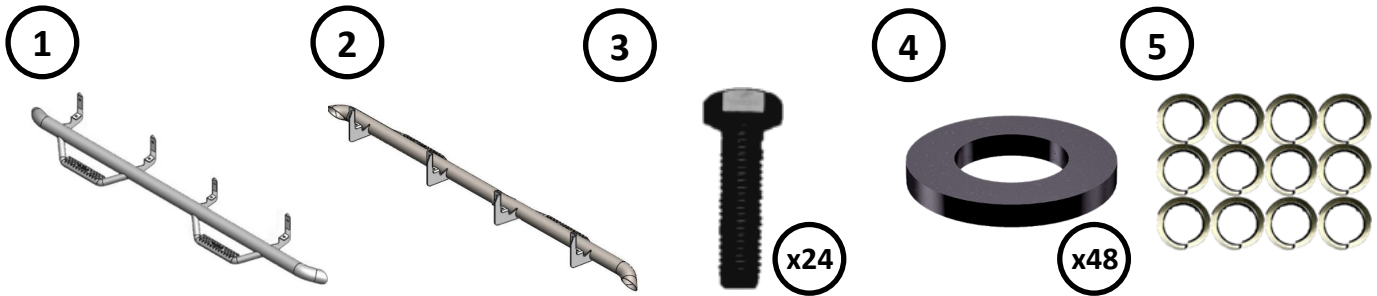
Exceeding this weight limit can cause damage or personal injury.



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## Box Contents & Product Safety

### D2080CC-TX Box Contents



ID	Part Description	QTY
1	Driver Side Nerf Step	1
2	Passenger Side Nerf Step	1
3	M8-1.25x30mm Hex Head Bolt	24
4	M8 Flat Washer	48
5	M8 Split Lock Washer	12
	M8-1.25 Nut	6

ID	Part Description	QTY
	M8-1.25 Nylock Nut	18
	Driver Front/Center Brace	2
	Passenger Front/Center Brace	2
	Driver Rear Brace	1
	Passenger Rear Brace	1
	M8 Bolt/Nut Plate	6

## Installation Instructions: Ram® 2500 Nerf Steps



### Step 1:

If your Ram® 2500 currently has running boards, remove them prior to proceeding. Remove steps and hardware from the box. Confirm you have all the components needed for installation. Then, starting on the driver's side, install **(3) M8 Bolt/Nut Plates** in the preexisting holes in the frame as shown.



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### Step 2:

Next, with assistance, lift the steps up into place. Loosely secure using (1) **M8-1.25x30mm Bolt**, (1) **M8 Lock Washer**, (2) **M8 Flat Washers**, and (1) **M8-1.25 Nylock Nut** for all (3) **M8 Bolt/Nut Plates**.



### Step 3:

Install the **Front, Center, and Rear Braces** to their respective mount on the step using (3) **M8-1.25x30mm**, (6) **M8 Flat Washers**, (2) **M8-1.25 Nylock Nuts**, (1) **M8 Lock Washer**, and (1) **M8-1.25 Nut** per mount.

**Note:** The two bolts attached to the pinch weld will use the nylock nuts, while the bolt attached to the step bracket will use a regular nut and a lock washer



### Step 4:

Confirm you are happy with the fitment and placement of the step. Then torque all (6) **M8 Hardware** to spec using the guide on **Page 6**.



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### Step 5:

Repeat **Steps 1-4** for the **Passenger Side Nerf Step**.



### Step 6:

**Installation is now complete.**

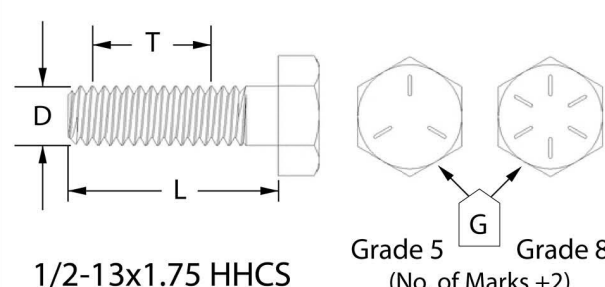


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# Bolt Torque Specifications

Use this only as a guide for hardware without a called out torque specification in the instruction manual.

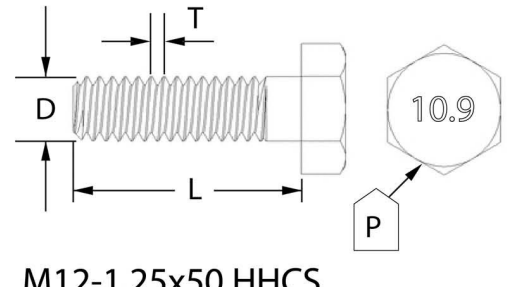
Bolt Torque and ID						
Decimal System			Metric System			
All Torques in Ft. Lbs. Maximums						
Bolt Size	Grade 5	Grade 8	Bolt Size	Class 9.8	Class 10.9	Class 12.9
5/16	15	20	M6	5	9	12
3/8	30	45	M8	18	23	27
7/16	45	60	M10	32	45	50
1/2	65	90	M12	55	75	90
9/16	95	130	M14	85	120	145
5/8	135	175	M16	130	165	210
3/4	185	280	M18	170	240	290



**1/2-13x1.75 HHCS**

D T L X

G = Grade (Bolt Strength)  
D= Nominal Diameter (Inches)  
T= Thread Count (Threads per Inch)  
L= Length (Inches)  
X= Description (Hex Head Cap Screw)



**M12-1.25x50 HHCS**

D T L X

P = Property Class (Bolt Strength)  
D= Nominal Diameter (Millimeters)  
T= Thread Pitch (Thread Width, mm)  
L= Length (Millimeters)  
X= Description (Hex Head Cap Screw)



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# Notes and Disclaimers

## Product cleaning and maintenance instructions

Stainless Steel Finish – Aluminum polish may be used to polish small scratches and scuffs on the finish. Mild soap, window or glass cleaner may be used to clean the finish. Dual state powder coat finish – Mild soap, window or glass cleaner may be used to clean the finish. In order to protect the finish, you may wax your product on a regular basis with pure carnauba automotive wax. Do not use any types of soap, polish or wax that contains abrasive that could damage the finish. Textured coated finishes should be cleaned with a mild soap on a damp sponge. Do not apply polish or wax that requires to be removed by means of buffing. This type of wax is commonly used at car wash facilities. Chrome Finish – Mild soap, window or glass cleaner may be used to clean the finish. In order to protect the finish, you should wax your product on a regular basis with pure carnauba automotive wax. Do not use any types of soap, polish or wax that contains abrasive that could damage the finish.

## SMITTYBILT ADVANTAGE WARRANTY

### LIMITED-LIFETIME WARRANTY FOR STRUCTURAL COMPONENTS

#### 5-YEAR FINISH WARRANTY

Smittybilt Automotive Products, LLC (SAP) warrants to the original purchaser that (a) the physical components (e.g., metal components, welds, etc.) of any SAP **2019-2022 Ram® 2500 Nerf Steps** will be free of defects in material and workmanship for the lifetime of the product from the date of purchase of the Nerf Steps, and (b) the finish will be free of defects in material and workmanship for a period of 5-years from the original date of purchase. This warranty applies only to the original purchaser of the Nerf Steps and is non-transferable. To obtain any warranty service, you must provide SAP with a proof of purchase and date of purchase that is acceptable to SAP, such as a copy of your purchase receipt.

This warranty does not cover labor of part replacement of the Nerf Steps. SAP will, at its sole discretion, provide replacement part(s) for a defective Nerf Step or component, provided this is done within the warranty period. To request assistance under warranty, one must call or email using the phone number or email at the bottom of this page. This warranty does not apply (1) wearable components; or (2) if the Nerf Step(s) has/have been damaged, including, but not limited to: abuse, misuse, collision, modification, misapplication, improper installation, or improper service. This warranty is void if any SAP serial number has been removed or defaced; or if the Nerf Steps are used for any commercial, industrial, or rental applications. This warranty only applies to Nerf Steps bought, sold, and used within the United States or Canada unless otherwise specifically agreed in writing by SAP.

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Customer Service Department

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