

Installation Instructions



2024+ Toyota Tacoma Defender Platform Rack Kit Part #: S/BT02



For Technical Support / Warranty Information please call **800-776-0767** or email info@smittybilt.com
1017 W 600 N, STE 4, Ogden, UT 84404

Introduction

Thank you for choosing Smittybilt accessories for your vehicle. If you would like to view our full range of available accessories, please visit us at www.smittybilt.com



Important Notes Before Starting

! IMPORTANT NOTE

Carefully read through this entire instruction manual thoroughly before attempting to install this part. Please refer to the vehicles owner's manual for **roof weight capacity**. Check that all fasteners are properly torqued after installation and driving a short distance. Fasteners should be checked regularly.

! 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.

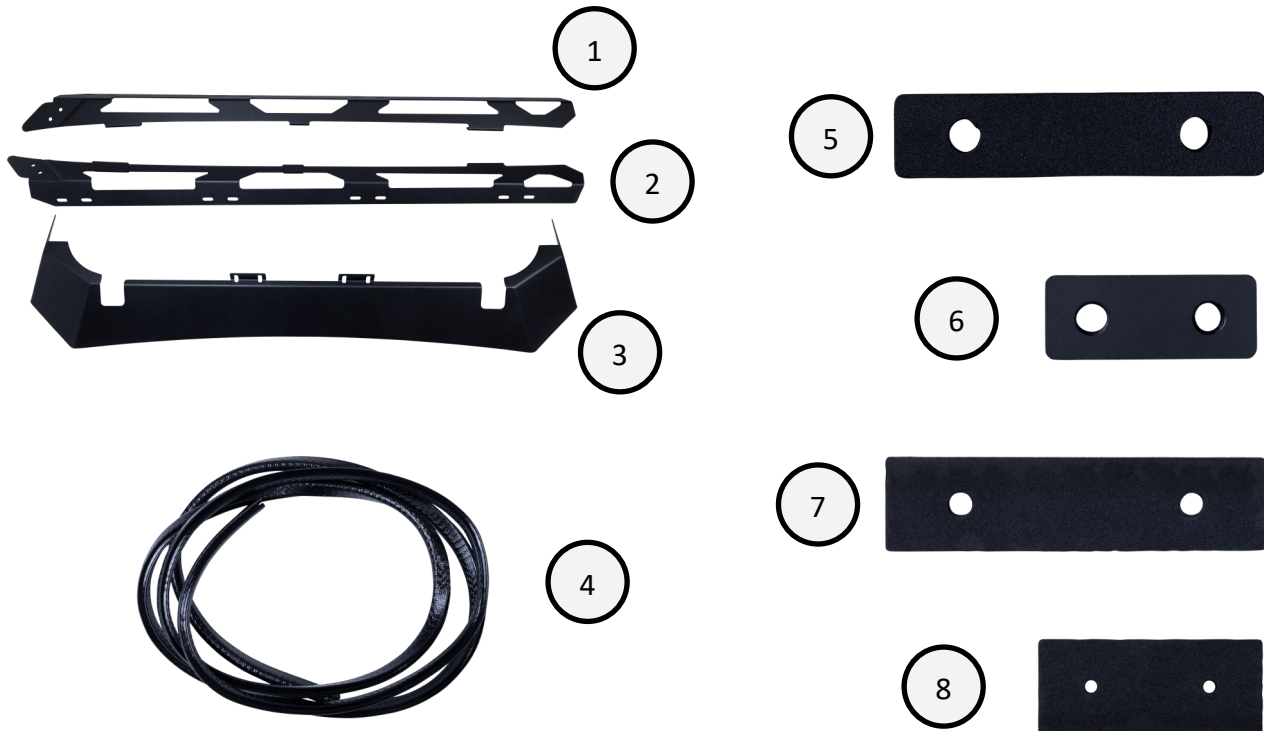
TOOLS REQUIRED

Socket Wrench	Socket Set	Wrench Set
Torx/Star Bit Socket Set	Panel Pry Tool	Diagonal Cutting Pliers
Knife		



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Box Contents



Item	Description	QTY
1	DS Side Rail	1
2	PS Side Rail	1
3	Wind Fairing	1
4	Wind Fairing Edge Trim	1
5	Front/Rear Spacer	4
6	Middle Spacer	2
7	Front/Rear Spacer Foam	4
8	Middle Spacer Foam	2



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Hardware Packs

Description	QTY
Installation Hardware	
M6x1x30MM ZINC STEEL HEX HEAD SCREW CLASS 10.9	12
M6 ZINC STEEL STANDARD WASHER CLASS 10.9	12
M6 ZINC STEEL LOCK WASHER CLASS 10.9	12
M6x1 18-8 STAINLESS STEEL RIVET NUT	4
M8x1.25x12MM ZINC STEEL HEX HEAD SCREW CLASS 10.9	4
M8x1.25x20MM ZINC STEEL BUTTON HEAD TORX SCREW CLASS 10.9	4
M8 ZINC STEEL STANDARD WASHER CLASS 10.9	8
M8x1.25 ZINC NYLON LOCKING NUT CLASS 10.9	4



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Step 1: Set-Up

Open the box containing your Smittybilt Defender Platform Rack Kit and check all parts against the Bill of Materials outlined on the first few pages of these instructions. If anything is missing, contact Smittybilt factory technical support.

Read all instructions before installation. Park vehicle on a flat, level surface and apply the parking brake. Place masking tape around areas that can be scratched by installation of this rack kit.



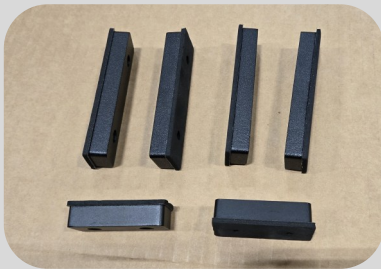
Step 2: Remove Plastic Covers

To access the tape that covers the threaded holes in the roof, remove the four plastic covers on top of vehicle by carefully prying them up and popping them off.



Step 3: Cut Holes in Tape

Feel around the tape for the two threaded holes underneath, then cut two small holes in the tape in the center of each hole big enough for an M6 bolt.



Step 4: Attach Foam to Spacers

Peel the backing off each of the six foam strips and stick one on each of their respective spacers.



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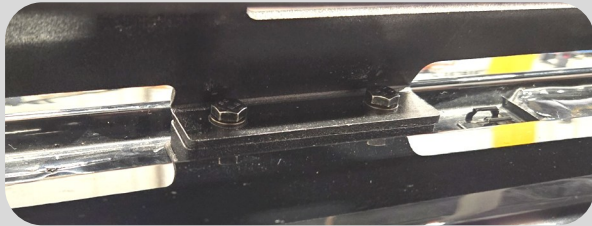
Step 5: Mount the Middle Spacers

Using the provided 12MM M8 bolts, attach the center spacer to the center tab on the side rails, foam side down.



Step 6: Mount the Front and Rear Spacers

Place a 30MM M6 bolt with a lock washer and washer through each of the two holes on the front and rear tabs on each side rail. Slide a front/rear spacer, foam side down, onto each set of bolts.



Step 7: Install Side Rails

Lift each side rail into place, aligning each M6 bolt with a hole in the tape, then tighten each bolt down most of the way, leaving it slightly loose.



Step 8: Wind Fairing Installation

Apply the edge trim to the wind fairing between the two points indicated in the photo. Cut off any extra trim.



Lift the wind fairing into place between the two side rails and attach it to each rail using the provided M8 20MM bolt, washers, and lock nuts. Make sure the top of the fairing is level with the tops of the side rails.

Make any final adjustments, then tighten all hardware to the specifications outlined at the end of these instructions.



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Installation Complete

Congratulations! Your install is now complete.
Enjoy your new Smittybilt Defender Platform Rack Kit



NOTE: Follow the instructions for your defender platform rack to install it on this kit.

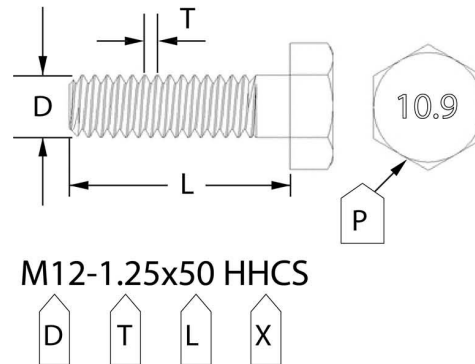
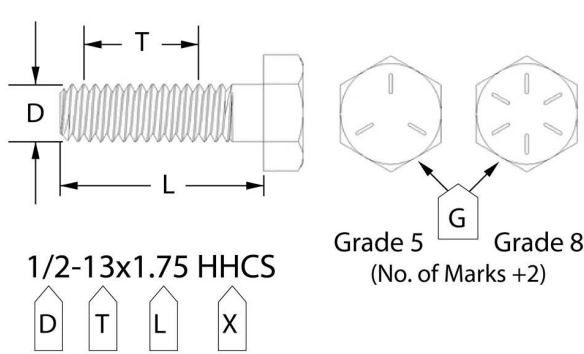


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Bolt Torque Specifications

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			
<i>All Torques in Ft. Lbs. Maximums</i>						
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



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

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 **PRODUCT NAME** will be free of defects in material and workmanship for the lifetime of the product from the date of purchase of the **PRODUCT NAME**, 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 **PRODUCT NAME** 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 **PRODUCT NAME**. SAP will, at its sole discretion, provide replacement part(s) for a defective **PRODUCT NAME** 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 **PRODUCT NAME** has 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 **PRODUCT NAME** is used for any commercial, industrial, or rental applications. This warranty only applies to **PRODUCT NAME** bought, sold, and used within the United States or Canada unless otherwise specifically agreed in writing by SAP.

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Smittybilt Automotive Products, LLC

Customer Service Department

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WARNING: Cancer and Reproductive Harm
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