

Installation Instructions



Ford Bronco Front Skid Plate
Part # S/B61269W



For Technical Support / Warranty Information please call 800-776-0767 EXT 1317
or Email info@smittybilt.com

Introduction

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



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Important Notes Before Starting

! IMPORTANT NOTE

Carefully read through this entire instruction manual thoroughly before attempting to install this part.

The following tools will be required to complete the installation of this part:

TOOLS REQUIRED	
15mm Socket	Torque Wrench
17mm Socket	Medium Strength Threadlocker
Socket Wrench	

! WARNING

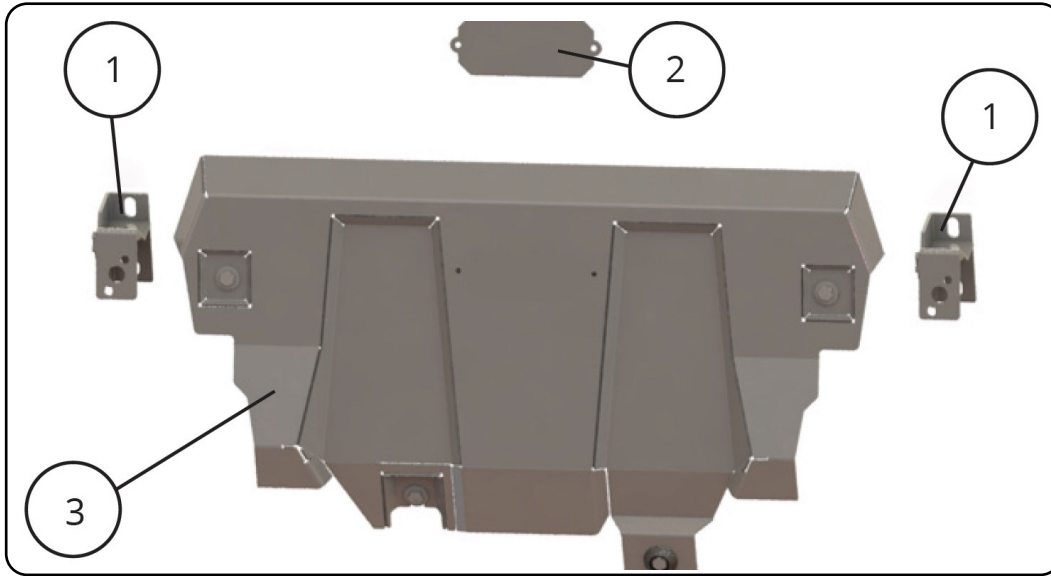
Serious injury can occur when working on vehicles alone.

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



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Box Contents



S/B61269W BOX CONTENTS

ITEM NO.	PART NO.	DESCRIPTION	QTY
1	84-12301	SKID SUPPORT INSERT	2
2	102-12300	SKID LOGO BACKPLATE	1
3	84-12293	BRONCO SKID PLATE WELDMENT	1

Hardware Packs

90-60813 HARDWARE PACK 1 CONTENTS

QTY	PART NO.	DESCRIPTION
4	71-100351501000	M10X1.5X35 HHCS GR10.9 CZ
3	91100A170	M10 OVRSDZ WSHR 10.5mm ID, 30mm OD, 2.3-2.7 THKN CZ
2	26LJ85	M6X1.0 NYLOCK GR10.9 CZ
2	6EY59	M6 FLAT WSHR CZ
2	91263A838	M6X1 FHCS

90-60814 HARDWARE PACK 2 CONTENTS

QTY	PART NO.	DESCRIPTION
1	84-44183	RAMPED SPACER - M10



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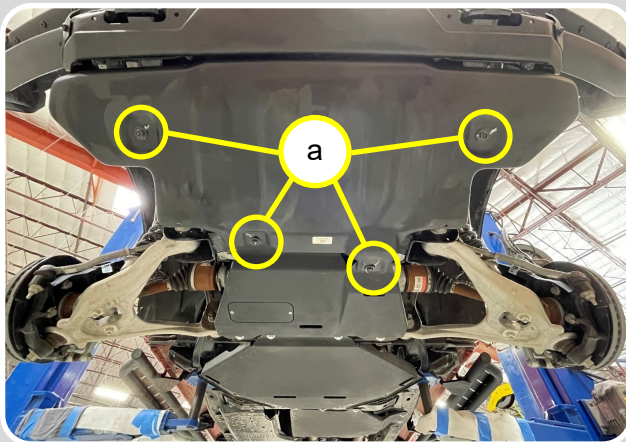
! WARNING

Chock all four wheels and make sure parking brake is engaged before starting this install. Failure to do so could result in serious injury.

Step 1: Check Box Contents

Open the box containing your Ford Bronco Front Skid Plate, check all parts against the Bill of Materials outlined in the first pages of these instructions.

If anything is missing, contact Smittybilt Technical Support immediately.

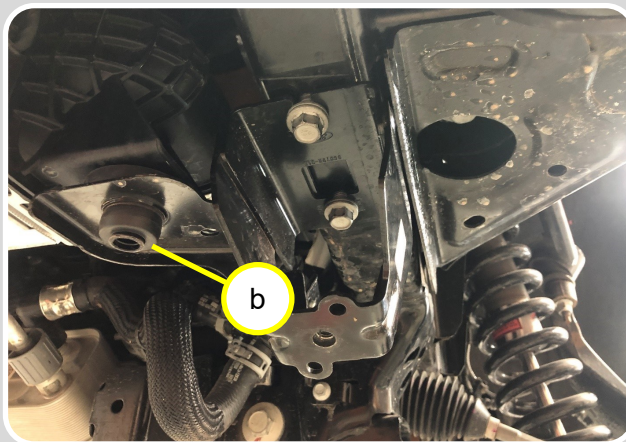


Step 2: Remove OE Skid Plate

Remove the 4X OE 10mm bolts (shown here at *a*) using a **15mm socket** and then remove the skid plate.

! IMPORTANT NOTE

These bolts will NOT need to be reused in this installation.



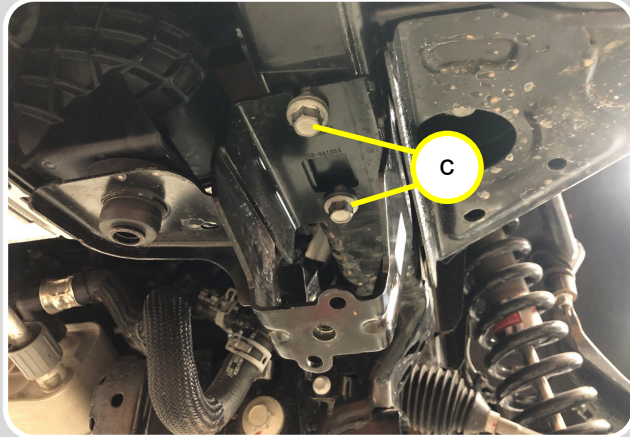
Step 3: Place Support Under Intercooler

If available use a Jack to support the intercooler (at *b*) and prevent sagging of the intercooler



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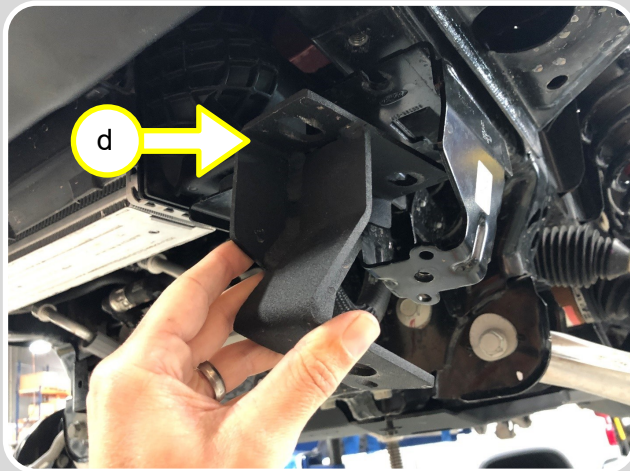
Step 4: Remove Mounting Bolts

Using a 15mm Socket, remove the 2X M10 skid support mounting bolts (*c*).



IMPORTANT NOTE

These bolts **WILL** be reused at step 6 of this installation, set aside until then.



Step 5: Install Skid Support Inserts

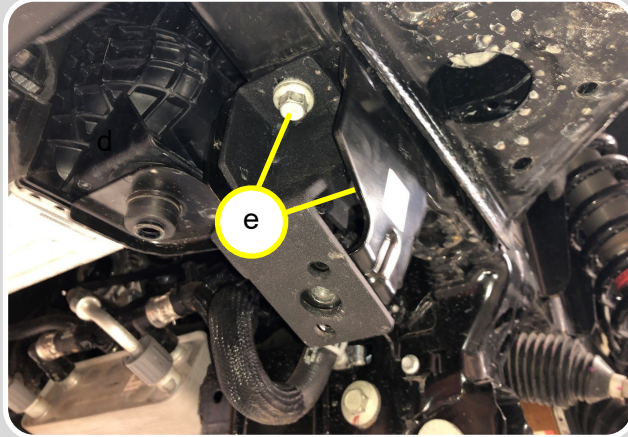
Insert **PN: 84-12301 (Skid Support Insert)** into the skid support mount from the front of the vehicle (*d*).

Align bolt holes with holes that were exposed in Step 4.



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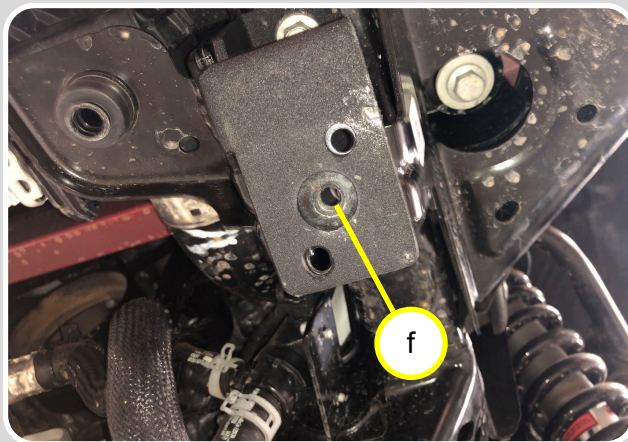
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Step 6: Reinstall 2X OE Bolts

Using a 15mm Socket reinstall 2X 10mm skid support mounting bolts set aside in Step 4 to hold the skid support mount and **PN: 84-12301 Skid Support insert** in the place (e).

It is recommended that **Medium Strength Threadlocker** be applied to prevent bolts from loosening.



Step 7: Align Threaded Hole

Ensure the center mounting hole on the lower face of **PN:84-12301 (Skid Support Insert)** is centered with the threaded OE hole (f).

Once aligned tighten bolts and torque to factory specifications.

Repeat Steps 3-7 on opposite skid support mount.

! IMPORTANT NOTE

Refer to chart on page 7 of instructions for torque specifications.

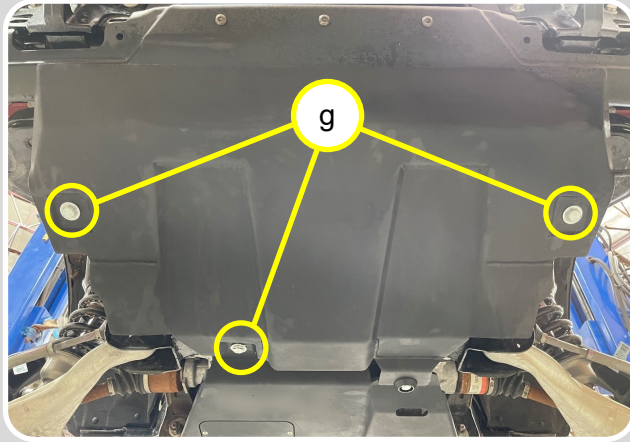
! IMPORTANT NOTE

If Skid Logo Backplate (PN: 102-12300) is not pre-installed, use the provided M6 hardware to secure the backing plate behind the logo.



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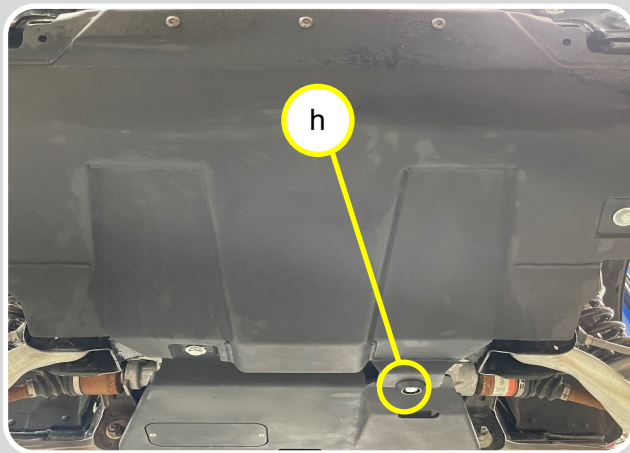
Step 8: Install Skid Plate Weldment

Lift PN: 84-12293 (Bronco Skid Plate Weldment) and align bolt holes.

Install the following 3X 10mm bolts with the provided washers.

Driver side (location closest to bumper),
Pass side (location near bumper) and at crossmember (g)

Medium Strength Threadlocker is recommended for all mounting bolts.



Step 9: Install Ramped Spacer

Install 1X 10mm bolt with PN: 84-44183 (Ramped Spacer) using the 17mm socket for bolts on the Driver side, location at crossmember (h).

Torque to 55NM.

! IMPORTANT NOTE

Refer to chart on page 7 of instructions for torque specifications.



The Installation is Complete

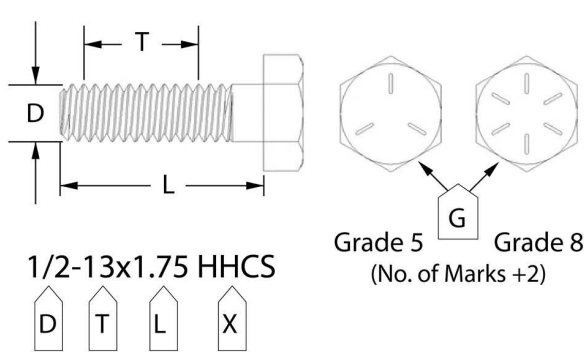


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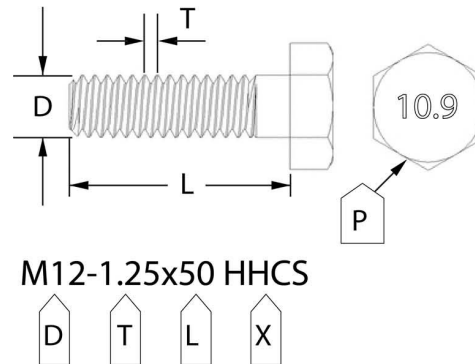
Bolt Torque Specifications

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			
<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.

Limited Warranties

Smittybilt's products are covered under the following limited warranties only. Note that the duration of the limited warranty differs according to the material and finish of the product purchased. Subject to the duration and conditions of the limited warranty stated below, Smittybilt warrants to the original retail purchaser that its products are free from defects in material and workmanship. All other warranties and representations express or implied, are hereby disclaimed, including fitness for merchantability and buyer's intended use or purpose. All parts are sold "AS IS" except for the limited warranties granted herein. Buyer assumes all risks as to the selection, suitability and performance of all goods and products selected. This limited warranty does not cover damage or impairment in any part due to misuse, improper installation, accident or contact with on-road or off-road hazards, product modification, improper or inadequate cleaning and/or maintenance. Smittybilt is not responsible for items damaged during shipping. This warranty is not transferable from the original buyer. For the original Buyer to be eligible for the limited warranty coverage, the Buyer must provide proof of purchase. Smittybilt strongly recommends returning the warranty registration card. Customer's remedy hereunder shall be limited only to repair or replacement (at Smittybilt's option) of any defective part(s) returned to Smittybilt at customer's expense. The determination of whether or not a returned part is defective or subject to coverage under the limited warranties stated herein shall be made at Smittybilt's sole discretion. To assure product quality, Smittybilt reserves the right to change product design, material, specification and finishes without prior notice to customers. This limited warranty gives you specific legal rights and you may also have other rights, which may vary from state to state. Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply as to you. Also, some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. Smittybilt reserves the right to discontinue product lines and substitute products or provide other remedies than those listed in this limited warranty for those discontinued products.

Warning

Rollover and other types of vehicle accidents may result in serious injury or death to you, your passengers and others sharing the road. Smittybilt accessories are decorative and are not intended to reduce or avoid injury or damage in the event of an accident. The weight and location of Smittybilt accessories may affect your vehicles' handling, stability and performance, creating an increased risk of accident or rollover. Before installing any accessory, check state laws and assure that the accessory will not obscure any lights or interfere with proper operation on your vehicle's safety equipment. Consult your owner's manual and the Smittybilt instructions, or additional safety information. Smittybilt products, nor the warnings contained herein, are not a substitute for your safe driving. Don't drink and drive, always use seat belts and don't drive faster than conditions permit.



WARNING: Cancer and Reproductive Harm
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