

# Installation Instructions



## 2021+ Bronco Brake Light Relocation Bracket SB61970W Fits both Sasquatch and Non Sasquatch Models



For Technical Support / Warranty Information please call 800-776-0767 EXT 1317  
Smittybilt, 400 W Artesia, Compton, CA 90220

## Important Notes Before Starting



### IMPORTANT NOTE

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



### 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.

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

#### TOOLS REQUIRED

Metric Socket and Wrench Set

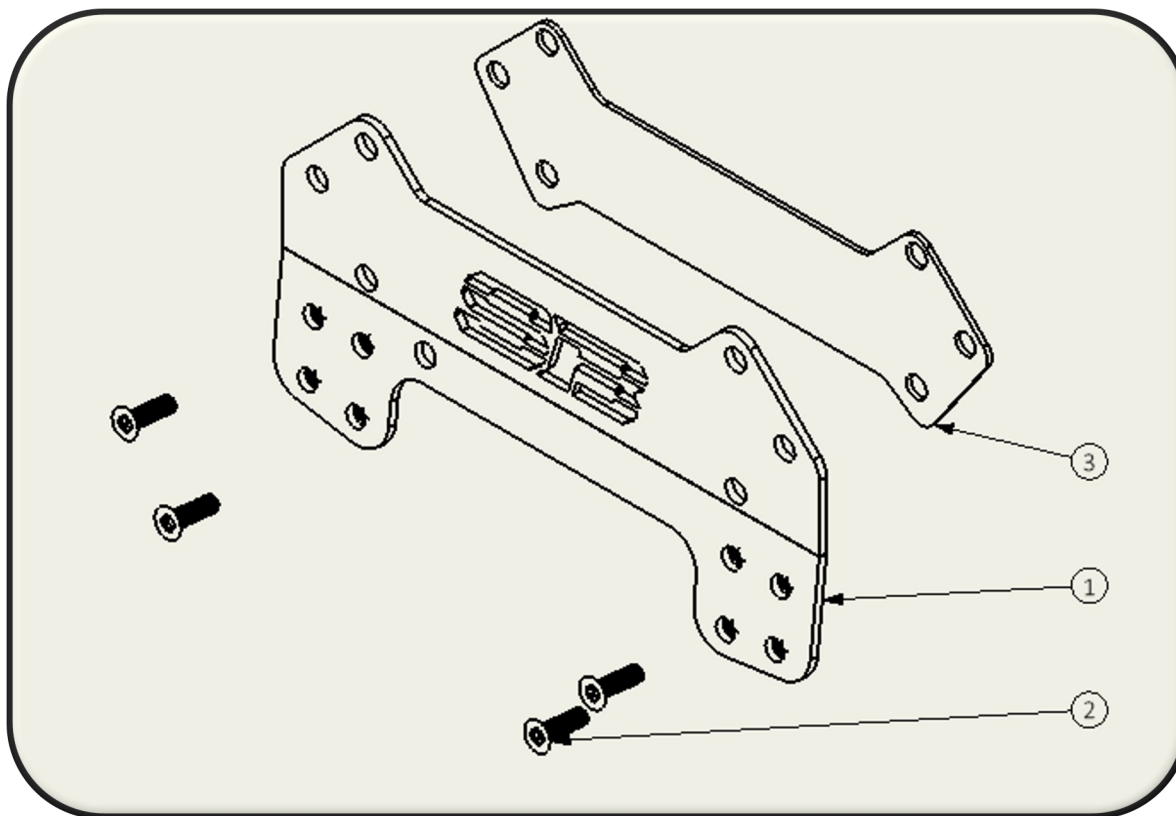
Torx Bit set, Torque Wrench

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.4wheelparts.com](http://www.4wheelparts.com)



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## Box Contents & Technical Information



SB61970W 3rd Brake Light Relocation Assembly	
BUBBLE	DESCRIPTION
1	Relocation Bracket
2	(4qty) M6x1.0 Flat head Torx Screw
3	Backing Plate



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## Installation Instructions: Disassembly

### Step 1: Check box contents

Open the box containing your new Orion Bumper, 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:** Apply the parking brake and chock all 4 tires.

**Step 3:** Open the hood and disconnect the battery.

**Note:** Sasquatch and Non-Sasquatch tire carriers are visually identical with the exception of the 3rd Brake Light mounting screw locations. This kit has both patterns.



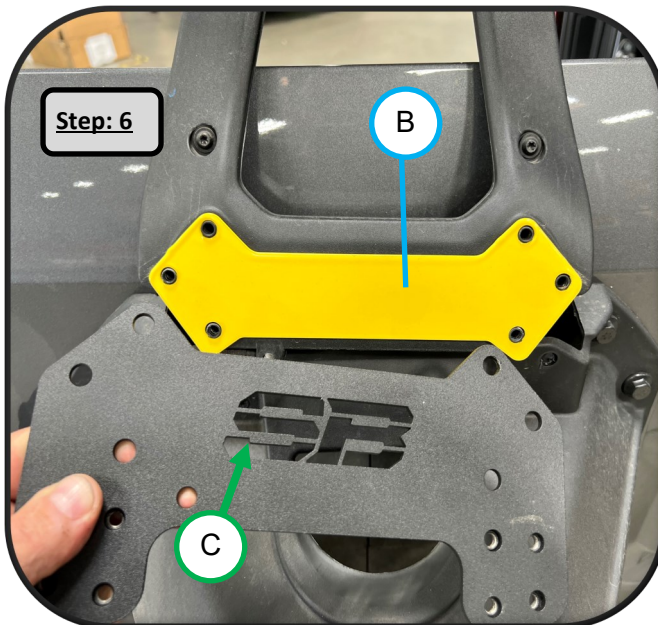
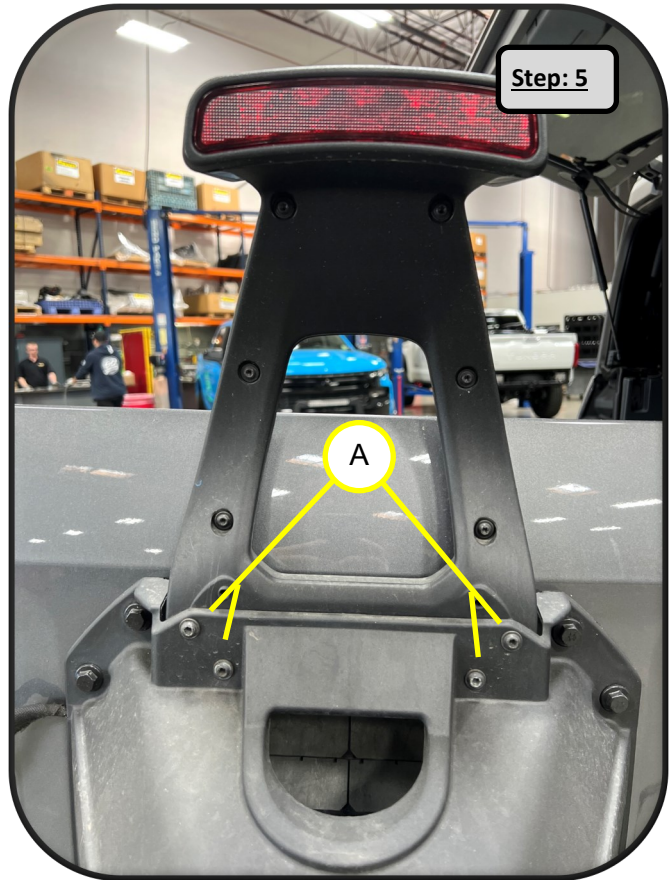
**Step 4:** Remove the (3qty) lug nuts (**Fig A.**) securing the Spare Tire to the tire carrier. Remove the Spare Tire and set aside.



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## Installation Instructions: Disassembly

**Step 5:** With a Torx #35 remove the (4qty) OE screws (**Fig A.**) securing the 3rd Brake Light to the Spare Tire Carrier



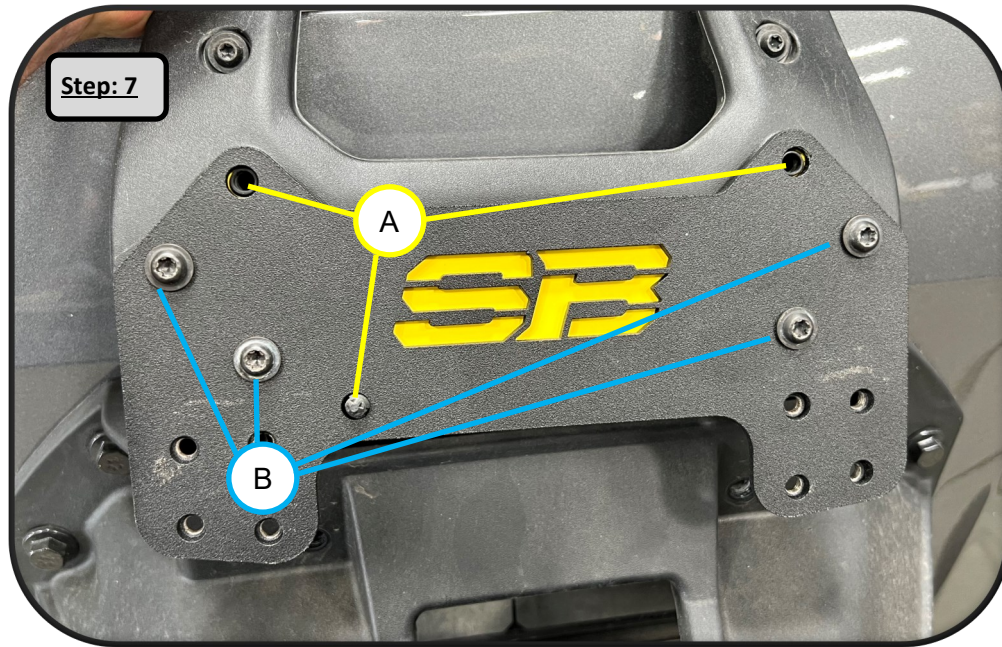
**Step 6:** Carefully remove the 3rd Brake Light from the Tire Carrier. Install the **Backing Plate (Fig B.)** over the mounting holes as shown. Then the **Relocation Bracket** is positioned on top (**Fig C.**)



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## Installation Instructions: Bracket Install



**Step 7:** Make sure both pieces are nested on the OE mounting nubs and the wiring harness rivet (**Fig A.**) Reinstall the (4qty) OE Screws (**Fig B.**) and tighten snug. Torque to **5ft-lbs.**



**Step 8:** Carefully reinstall the 3rd brake light assembly into the tire carrier and secure using the provided (4qty) M6x1.0 Flat Head Torx screws provided (**Fig C.**) Loosely install all (4qty) of the screws before tightening. Torque to **7ft-lbs.**



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## Installation Instructions: Re-assembly



**Step 10:** Reinstall the spare tire and torque the OE lug nuts to **41 ft-lbs.** Reconnect the battery, install is complete.

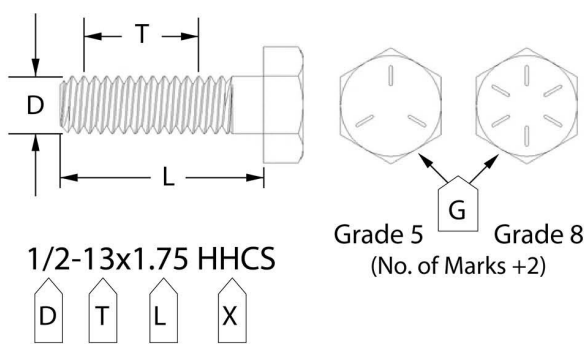


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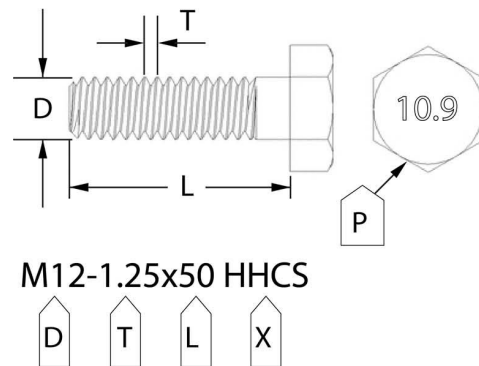
# Bolt Torque Specifications

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			
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



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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