

Installation Instructions



XRC Gen 3 Front Bumper Part # S/B77808 2007-Present JK/JL/JT



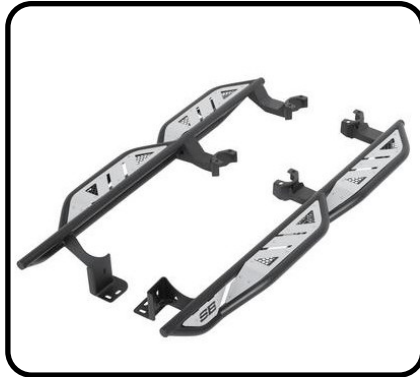
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Smittybilt, 1017 W 600 N, Ogden, UT 84404

Introduction

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



XRC Rear Bumpers



Apollo Rock Sliders with Steps



JK/JL/JT Neoprene Seat Covers

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Important Notes Before Starting

! IMPORTANT NOTE

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

! IMPORTANT NOTE

This bumper fits 2007-2018 JK, 2018+ JL, and 2020+ JT model Jeeps. Steps may vary.

! IMPORTANT NOTE

This installation was performed on a Sahara JL, steps may vary depending on vehicle model and trim.

! WARNING

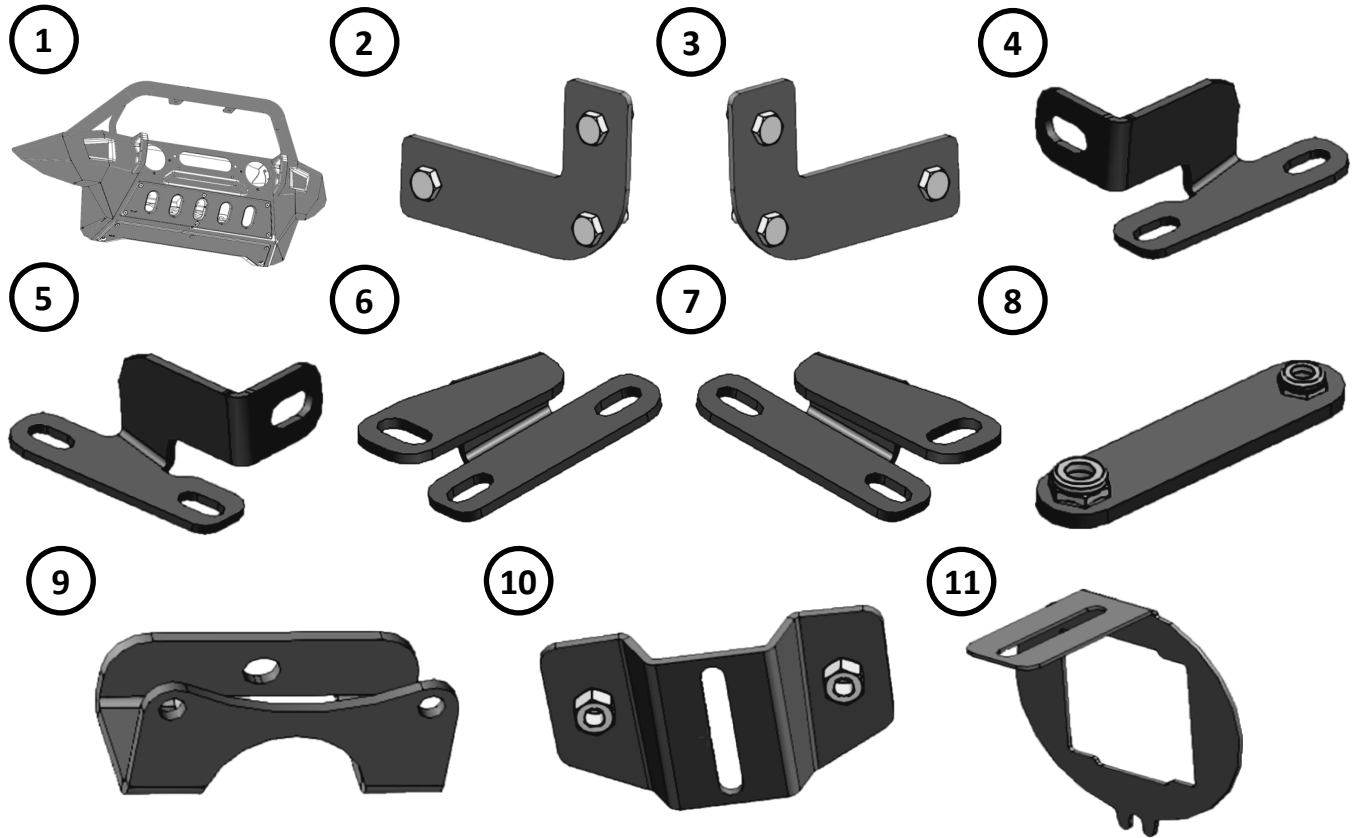
Park vehicle on flat surface, chock all four wheels and engage parking brake prior to installation.

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



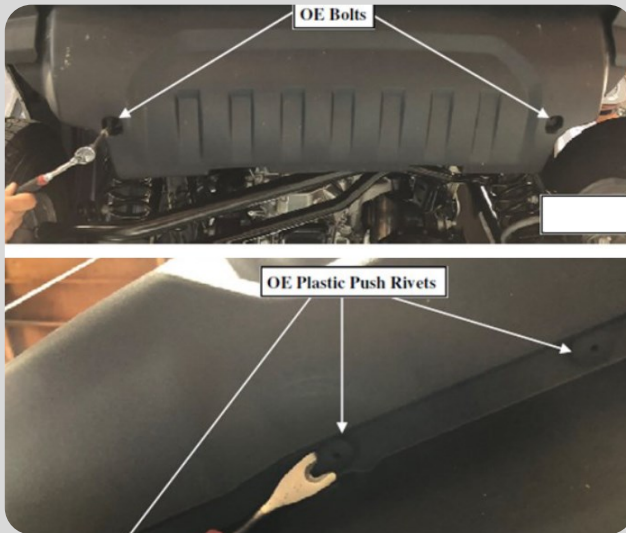
ID	Part Description	QTY
1	XRC Gen 3 Front Bumper	1
2	Driver Frame Bolt Plate	1
3	Passenger Frame Bolt Plate	1
4	Driver Lower Mount - JL/JT	1
5	Passenger Lower Mount - JL/JT	1
6	Driver Lower Mount - JK	1
7	Passenger Lower Mount - JK	1
8	M8 Nut Plate	2
9	LED Fog Light Mount	2
10	LED Light Mount	2
11	LED Light Cover Plate	2
	M12-1.75 Nylock Nut	6
	M12 Flat Washer	6
	M10-1.5x30mm Button Head Bolt	2

Part Description	QTY
M10-1.5x20mm Hex Head Bolt	2
M10-1.5 Nylock Nut	2
M10 Flat Washer	4
M8-1.25x20mm Button Head Bolt	4
M8-1.25x20mm Hex Head Bolt	2
M8-1.25 Flange Nut	2
M8 Large OD Flat Washer	4
M8 Flat Washer	2
M5-0.8x20mm Button Head Bolt	2
M5-0.8 Flange Nut	6
M5 Flat Washer	2
M4-0.7x15mm Button Head Bolt	8
M4-0.7 Nyloc Nut	8
M4 Flat Washer	16



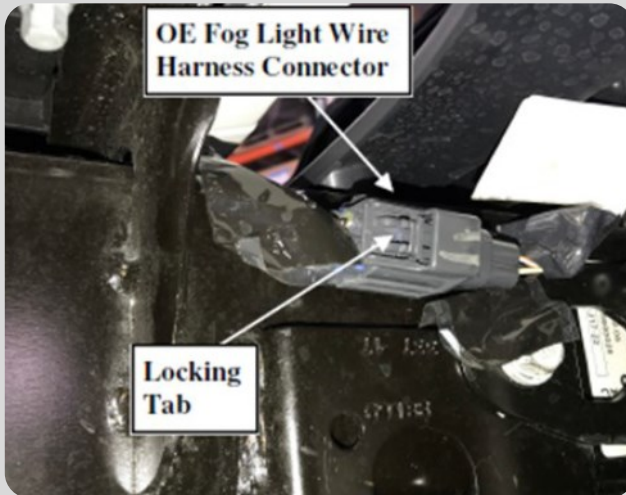
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Installation Instructions: OE Bumper Removal



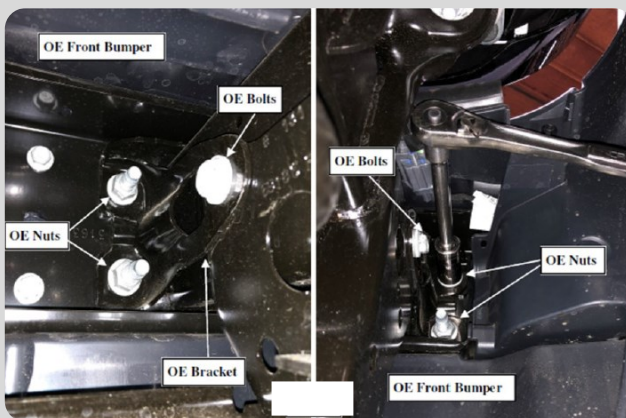
Step 1:

Remove the **(2) OE bolts** and **(8) OE plastic push rivets** securing the plastic skid plate to the **OE metal skid plate**. Remove the plastic skid plate.



Step 2:

Depress the locking tab and disconnect the **OE** fog light wiring harness connector located on the passenger side of the vehicle.



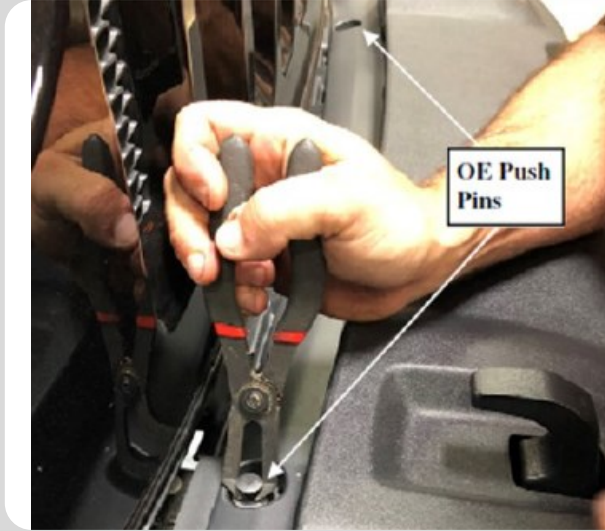
Step 3:

Remove the **(2 per side) OE nuts** and **(1 per side) OE Bolts** securing the **OE front bumper and brackets** to the frame.



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Installation Instructions: OE Bumper Removal

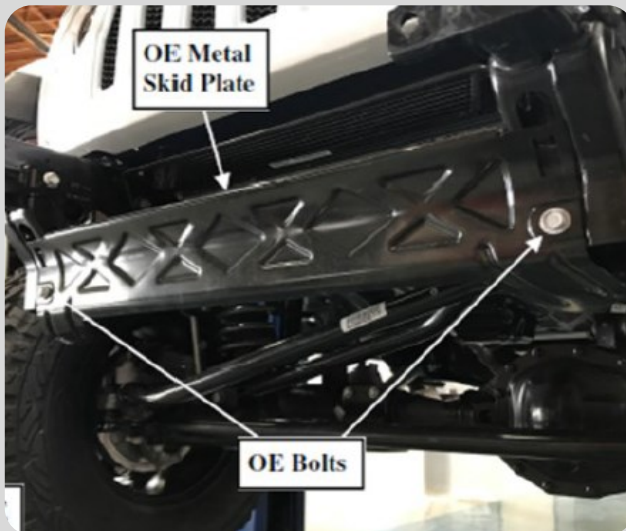


Step 4:

Remove the upper bumper plastic trim by removing the (2) **OE Push Pins**.

Step 5:

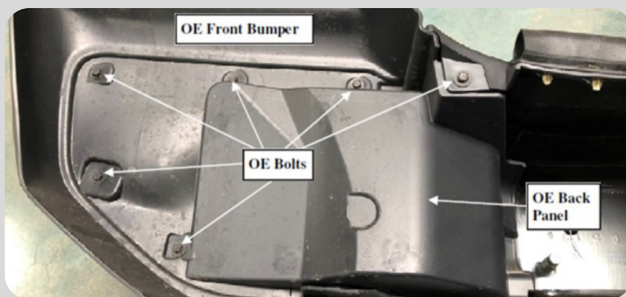
Carefully remove the **OE Front Bumper** from the vehicle.



Step 6:

Remove the (2) **OE Bolts** securing the **OE Metal Skid Plate** and remove the skid plate from the frame rails. Save the **OE Hardware** for re-installation later.

Note: If not reusing the fog lights from the OE bumper, proceed to Step 10.



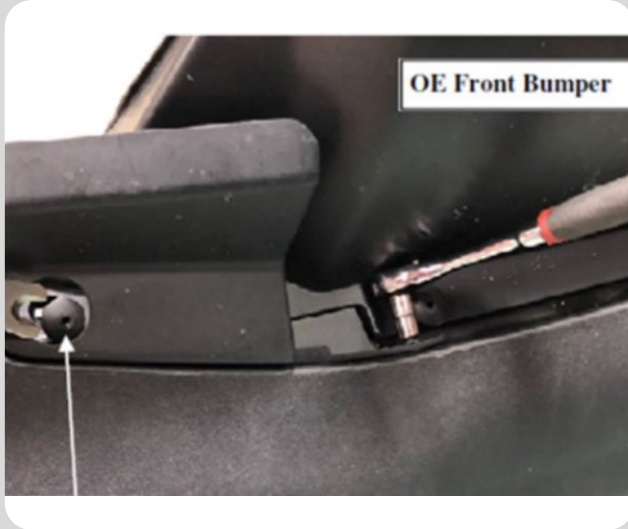
Step 7:

Using a **7mm socket**, remove the (6 Per Side) **OE Screws** securing the **OE back panels** from the **OE front bumper**.



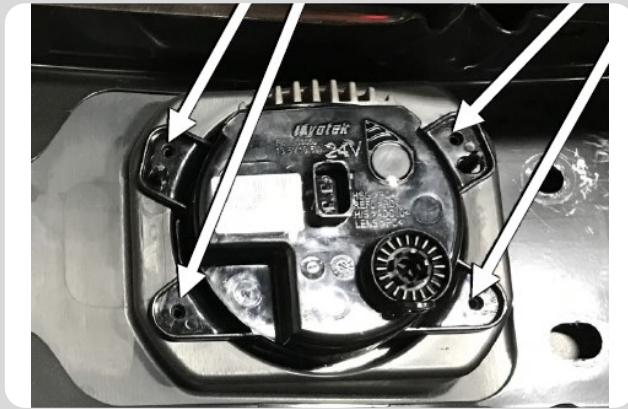
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Installation Instructions: OE Bumper Removal



Step 8:

Remove the (1 per side) OE plastic push rivet. Using a 7mm socket, remove the (1 Per Side) remaining OE screw securing the back panel. Then remove the back panel from the OE front bumper.



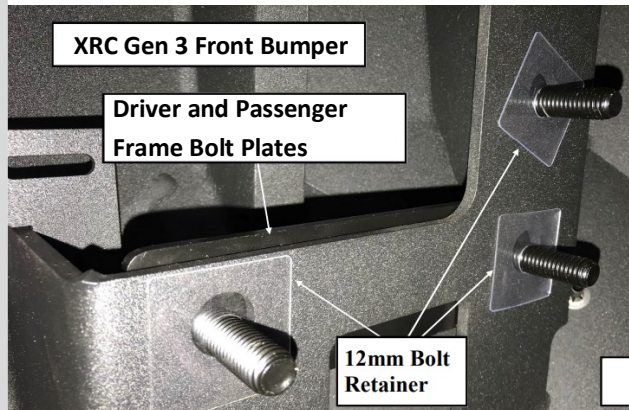
Step 9:

Disconnect the wiring harness from the back of each OE Fog Light. Then, remove the (4 per light) OE Screws that secure the fog lights to the OE Bumper. Set the lights aside for installation into the XRC Gen 3 Front Bumper.



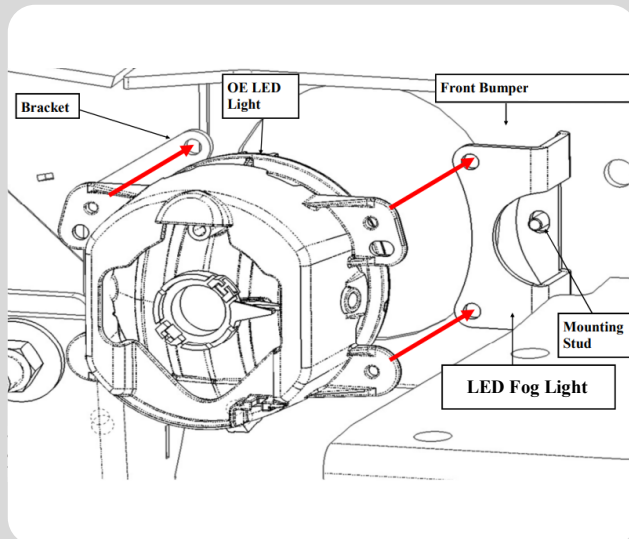
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Installation Instructions: XRC Gen 3 Installation



Step 10:

Install the **Driver and Passenger Bolt Plates** in the **XRC Gen 3 Front Bumper** use the included **M12 Bolt Retainers** to keep the bolt plates in place.

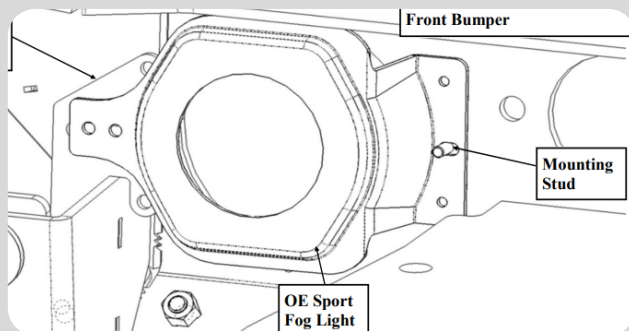


Step 11:

If reinstalling the OE LED lights, perform Step 11.

Install the **(2) LED Fog Light Brackets** to the front bumper mounting stud and secure using the included **(2) M5-0.8 Nylock Nuts** and **(2) M5 Flat Washers**.

Secure the **OE LED Fog Lights** to the **LED Fog Light Brackets** using the provided **(4 per light) M4-0.5x14mm Bolts, Flat Washers, and Nylock Nuts**. Make sure the **OE Lights** are centered in the cutout and tighten the hardware.



Step 12:

If installing the OE sport fog lights perform Step 12. Secure the **OE Sport Fog Lights** to the front bumper mounting stud using the included **(1 per light) M5 Flat Washer and Nylock Nut**. Secure the light to the mounting bracket using the included **(1 per light) M5-0.8x8mm Bolt** and hardware.



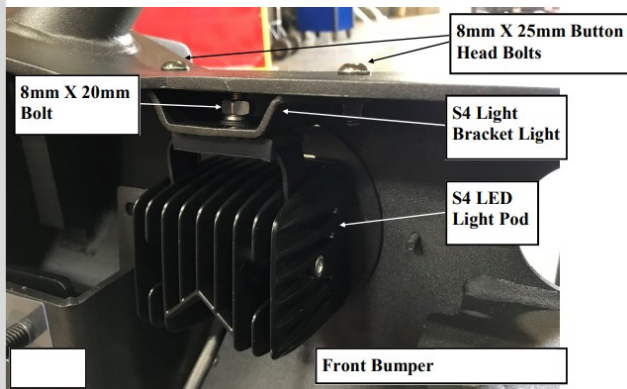
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Step 13:

If installing 2" cube lights, perform Step 13.

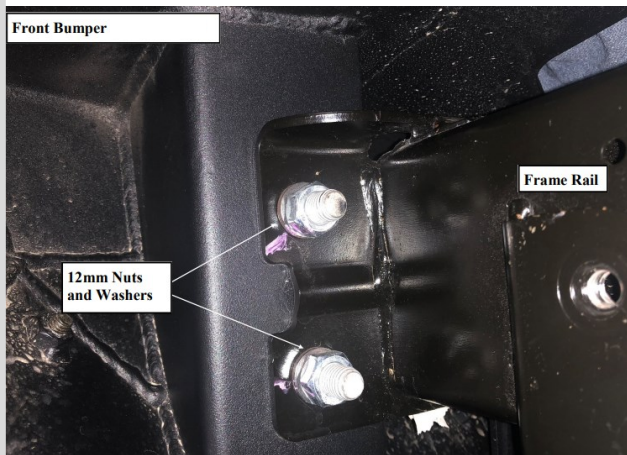
Install your 2" cube lights (sold separately) to the provided **LED Light Mounts** and **LED Cover Plate** to the bumper using the hardware included with the lights. Then, install the assembly to the bumper using the included **M8-1.25x25mm Button Head Bolts, Flat Washers, and Nylock Nuts**.



Step 14:

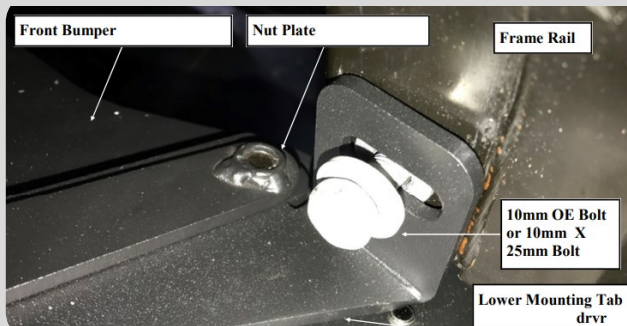
Note: this step may require 2 people.

Raise the **XRC Gen 3 Front Bumper** up into place and align the previously installed **Frame Bolt Plates** to the 3 holes in the frame horns. Then loosely secure the bumper to the frame horn using the provided (**3 per side**) **M12 Nylock Nuts and M12 Flat Washers**.



Step 15:

Secure the (**2 Per Side**) front bumper lower mounting holes to the **Lower Mount Plates** using the supplied **M8-1.25x30mm Bolts, Flat Washers, and M8 Nut Plates**.



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Step 16:

Level the **XRC Gen 3 Front Bumper** until happy with the fitment. Then, torque the **M12 Hardware** to **70 ft-lbs.**

Reconnect the **OE** fog light harness, if applicable. Or, if you installed 2" cube lights, wire them per the manufacturer's instructions.

Installation is now complete.

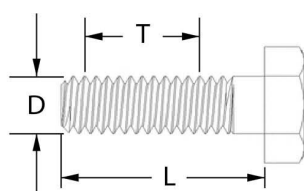


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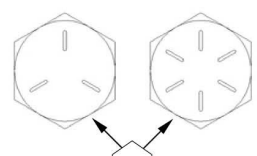
Bolt Torque Specifications

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

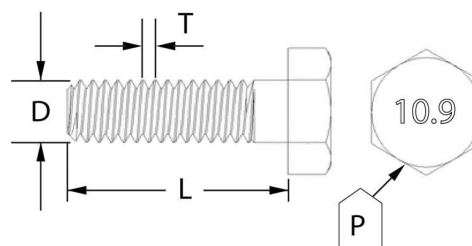
Bolt Torque and ID						
Decimal System			Metric System			
All Torques in Ft. Lbs. Maximums						
Bolt Size	Grade 5	Grade 8	Bolt Size	Class 9.8	Class 10.9	Class 12.9
5/16	15	20	M6	5	9	12
3/8	30	45	M8	18	23	27
7/16	45	60	M10	32	45	50
1/2	65	90	M12	55	75	90
9/16	95	130	M14	85	120	145
5/8	135	175	M16	130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



1/2-13x1.75 HHCS



Grade 5 Grade 8
(No. of Marks +2)



M12-1.25x50 HHCS



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 **XRC Gen 3 Front Bumper** will be free of defects in material and workmanship for the lifetime of the product from the date of purchase of the bumper, 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 bumper 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 or part replacement of the bumper. SAP will, at its sole discretion, provide replacement part(s) for a defective bumper 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) wearables components; or (2) if the bumper 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 bumper is used for any commercial, industrial, or rental applications. This warranty only applies to XRC Gen 3 Front Bumpers bought, sold, and used within the United States or Canada unless otherwise specifically agreed in writing by SAP.

THE WARRANTY SET FORTH ABOVE IS THE ONLY WARRANTY. THERE ARE NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO IMPLIED WARRANTIES OF MERCHANT ABILITY OR FITNESS FOR A PARTICULAR PURPOSE. ANY IMPLIED WARRANTY WHICH BY LAW MAY NOT BE EXCLUDED IS LIMITED TO A DURATION OF ONE (1) YEAR FROM THE DATE OF ORIGINAL RETAIL PURCHASE OF THE PRODUCT. No SAP dealer, agent, or employee is authorized to make any modification, extension or addition to this warranty. SAP SHALL NOT BE LIABLE FOR SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, LOST PROFITS, DOWNTIME OR LOSS OF USE) UNDER ANY LEGAL THEORY, EVEN IF SAP WAS ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. Some states do not allow the exclusion of implied warranties or the exclusion or limitation of liability for incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above limitation or exclusion may not apply to you. This Warranty gives you specific legal rights. You may also have other rights that vary from state to state. SAP reserves the right to change product design without notice. In situations in which SAP has changed a product design, SAP shall have no obligation to upgrade or otherwise modify previously manufactured products. For warranty inquiries contact SAP at:

Smittybilt Automotive Products, LLC

Customer Service Department

Call 1-800-776-0767 or Email info@smittybilt.com



WARNING: Cancer and Reproductive Harm
www.P65Warnings.ca.gov



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