



Installation Instructions:

Bumper (Part # SB76810)

1984-2001 XJ Jeep Cherokee XRC Front Bumper

NOTE: Carefully read entire instructions thoroughly before attempting to install this part.

Parts Included	Qty	Parts Included	Qty
93-7761 XJ XRC Front Bumper	1	7/16" X 4" HEX BOLT GR. 8	3
93-7760 Bumper Mount Plate	2	7/16" SAE HARDENED FLAT WASHER	12
90-7758 Nut Plate: Pass side frame rail	1	7/16" STOVER NUT GR. C	2
90-1051 Frame Rail Spacer: 2"	2	1/2" USS HARDENED FLAT WASHER	2
90-6866 Hardware Pack: Bumper	1	1/2" STOVER NUT GR. C	2
1/2" X 3 1/2" HEX BOLT GR. 8	2	10mm-1.5 X 40mm HEX BOLT 10.9	6
7/16" X 1 1/4" HEX BOLT GR. 8	5	10mm HARDENED FLAT WASHER	6

INSTALLATION:

Step 1: Unbolt and remove the factory front bumper, end caps, valence and hardware from the vehicle. *NOTE: Be sure to unclip the factory fog light wiring harnesses if equipped*

IMPORTANT!: *If you have a first generation Jeep Cherokee you will need to cut the front fenders before bumper can be installed. Draw a cut line on the fenders that is even with the bottom of the grill. Using a cut-off wheel, plasma cutter, Sawz-all or another suitable cutting tool, cut along the previously applied line, through the fender and flare at the same time. Once fenders have been cut, finish sand, prime and paint the trimmed areas with a quality touch-up paint that matches your vehicle. (Fig A)*



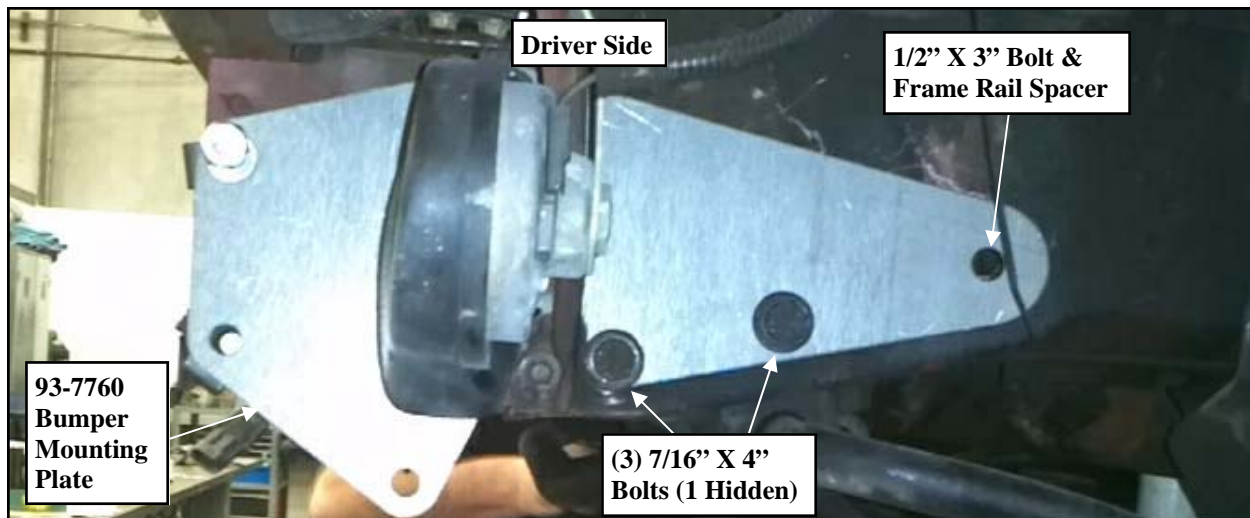
(Fig A)

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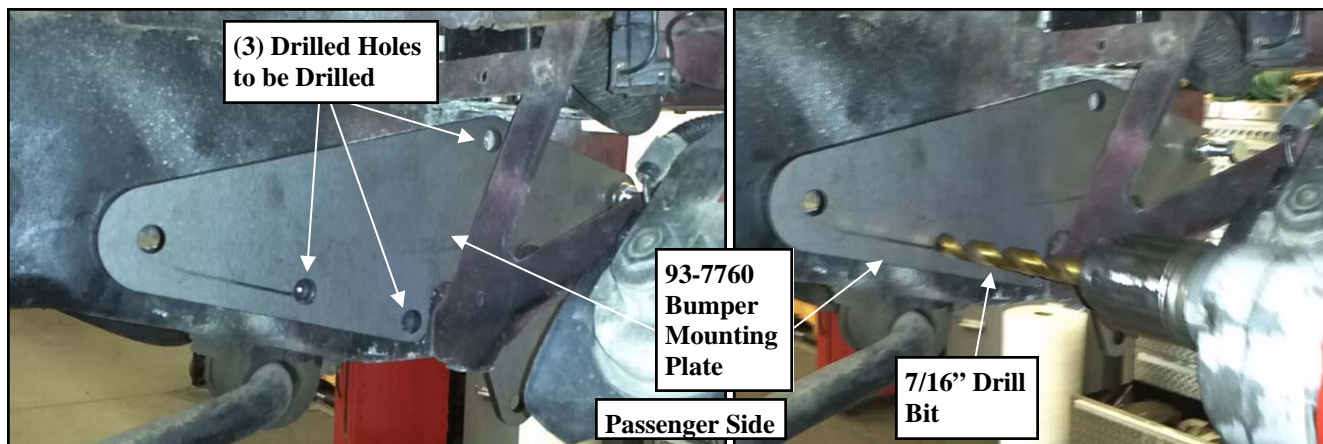
Step 2: On the driver's side of the vehicle, remove the (3) OE steering box bolts. Be sure to support the steering box after unbolting it. (Fig B)

Step 3: Install (1) front bumper mount plate (93-7760) to the outside of the frame rail. Secure the mount plate and the OE steering box to the frame rail using the (3) provided 7/16" X 4" bolts and hardware in the OE steering box bolt holes. Install the 1/2" X 3 1/2" bolt, 2" spacer (90-1051 inside the frame) and hardware into the rear most hole in the mounting plate. **NOTE: Be sure the (2) front OE bumper mounting plate bolt holes line up with the remaining holes in the front bumper mount (93-7760).** (Fig B)



(Fig B)

Step 4: On the passenger side of the vehicle, install (1) front bumper mount plate (93-7760) to the outside of the frame rail. With the bracket secured in it's proper position, use the (3) middle holes in the mounting plate as a template, center punch and drill through the outer wall of the frame **ONLY!** **NOTE: Be sure the (2) front OE bumper mounting plate bolt holes line up with the front holes in the front bumper mount (93-7760) before drilling.** (Fig C)



(Fig C)

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Step 5: Insert the nut plate (90-7758) into the front opening of the passenger side frame rail. Secure the mounting plate through the frame to the nut plate (90-7758) using the (3) supplied 7/16" X 1 1/4" bolts and hardware. (Fig D)



(Fig D)

Step 6: Install the 1/2" X 3 1/2" bolt, 2" spacer (90-1051 inside the frame) and hardware into the rear most hole in the mounting plate. (Fig D)

Step 7: *NOTE: This step might require 2 people.* Raise the new XRC front bumper (93-7761) up into place and align the bumper mounting holes with holes on the bumper mounting plates. Secure using the supplied (6) 10mm X 40 bolts and washers. Insert the (2) 7/16" X 1 1/4" bolts and hardware into the remaining lower holes and secure using the supplied hardware. (Fig E)



(Fig E)

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Step 8: Level the bumper and torque all mounting hardware according to the chart on page?? or manufacturers specifications.

Step 9: Installation is now complete.

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

<p>1/2-13x1.75 HHCS</p> <p>D T L X</p>	<p>Grade 5 Grade 8</p> <p>(No. of Marks + 2)</p>	<p>M12-1.25x50 HHCS</p> <p>D T L X</p>
<p>G = Grade (Bolt Strength)</p> <p>D = Nominal Diameter (Inches)</p> <p>T = Thread Count (Threads per Inch)</p> <p>L = Length (Inches)</p> <p>X = Description (Hex Head Cap Screw)</p>		<p>P = Property Class (Bolt Strength)</p> <p>D = Nominal Diameter (Millimeters)</p> <p>T = Thread Pitch (Thread Width, mm)</p> <p>L = Length (Millimeters)</p> <p>X = Description (Hex Head Cap Screw)</p>

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 was 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 was 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 was that contains abrasive that could damage the finish.

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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.

Duration of Limited Warranty

Limited Lifetime Warranty on Stainless Steel Products -

Smittybilt stainless steel products carry the foregoing limited repair or replacement warranty against workmanship and defects in the material so long as the original purchaser retains the original stainless steel parts.

Limited Five (5) Year / 50,000 Mile Pro-Rata Warranty (whichever occurs first) on Dual-Stage Powder Coating Products -

Smittybilt dual-stage powder coated products carry the foregoing limited repair or replacement warranty for a period of (5) years or 50,000 miles (whichever occurs first) from date of purchase against workmanship and defects in the material, provided that any claim submitted after (2.5) years from date of purchase shall, if accepted, be satisfied by Smittybilt offering customer a credit on the purchase of a replacement product equal to fifty percent (50%) of customer's initial purchase price.

Limited Three (3) Year / 36,000 Mile Pro-Rata Warranty (whichever occurs first) on Chrome Products-

Smittybilt chrome products finished carry the foregoing limited repair or replacement warranty for a period of three (3) years or 36,000 miles against workmanship and defects in the material (whichever occurs first) from the date of purchase.

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.

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