



Installation Instructions

07-16 JK Front Bumper

Part# 76807 XRC
Part # 76724 SRC

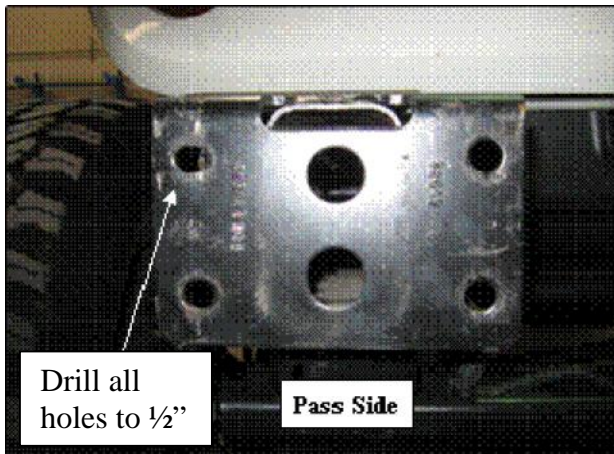
NOTE: carefully read entire instructions before attempting to install this product. It is recommended to have assistance while lifting and installing the bumper.

Parts Included	Qty	Parts Included	Qty
M10-1.5x40mm Countersunk Bolt	2	M6-1.0x20mm Hex Bolt	4
M10-1.5 Hex Nut	2	M6-1.0 Hex Nut	4
M10 Flat Washer	2	M6 Lock Washer	4
M12-1.75x40mm Hex Bolt	4	M6 Flat Washer	8
M12 Flat Washer Large O.D.	14	#8 Phillips Sheet Metal Screw	8
M12-1.75 Nylock Nut	4	#8 Plastic Clip Nut	8
M12 Lock Washer	4	Aftermarket Light Bracket	2

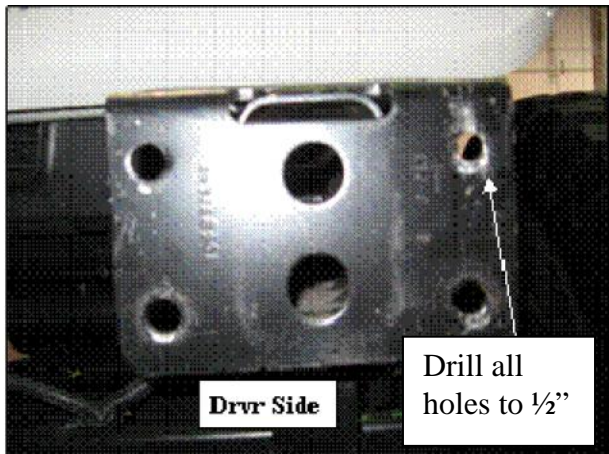
Step 1: Remove your front factory bumper. On certain bumpers you may need to remove your factory front plastic frame cover. (Before taking bumper off, make sure you have disconnected the fog lights)

Step 2: Remove the OE fog lights, plastic retaining clips and hardware to be used later.

Step 3: Drill out all of the mount holes in the front frame mounting plates to 1/2" (Fig A, B)



(Fig A)



(Fig B)



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Step 4: Install the OE fog lights into the front bumper using the previously removed OE plastic clips, secure with included sheet metal screws (Fig C)

If your vehicle is not equipped with OE lights you can use the included light brackets along with Smittybilt light # 612800-01 (sold separately) the bracket installs on the bumper using 2 of the plastic clips and screws. (Fig D) Follow light instructions for complete installation.



(Fig D)

Note: If OE hardware is not re-useable, use included plastic nut clips and #8 screws.

Step 5: Position the bumper up on the front of your jeep by aligning the welded studs on the bumper into the holes on the front frame mounting plates. Secure studs using 1 ea, flat washer and nylock nut. Insert M12 x 40 mm hex bolt with 1 ea flat washer and lock washer in the reaming two holes. (Fig C, D) Level the bumper and then proceed to torque to 60 ft lbs.



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(Fig C, Driver side-Inside)



(Fig D, Driver side outside)

Step 6: Using the two outer lower center plate mounting holes on the bottom of the front bumper as a guide, center punch and drill through the factory cross member using a 13/32 "drill bit. (Fig E) Once Drilled, secure with included M10 hardware. (Counter Sunk bolt, washer, nut). Use M12 flat washers as a spacer if there is a gap between the bumper and the factory cross member.(FigH+I)



Always use extreme caution when cutting/trimming. Touch up area with a primer and a high quality paint.

Step 7: Reconnect OE fog light wiring harness.

Step 6: Installation is now complete. (Fig F, G) Periodically re-torque all fasteners.



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(Fig E)



(Fig F, XRC Bumper)



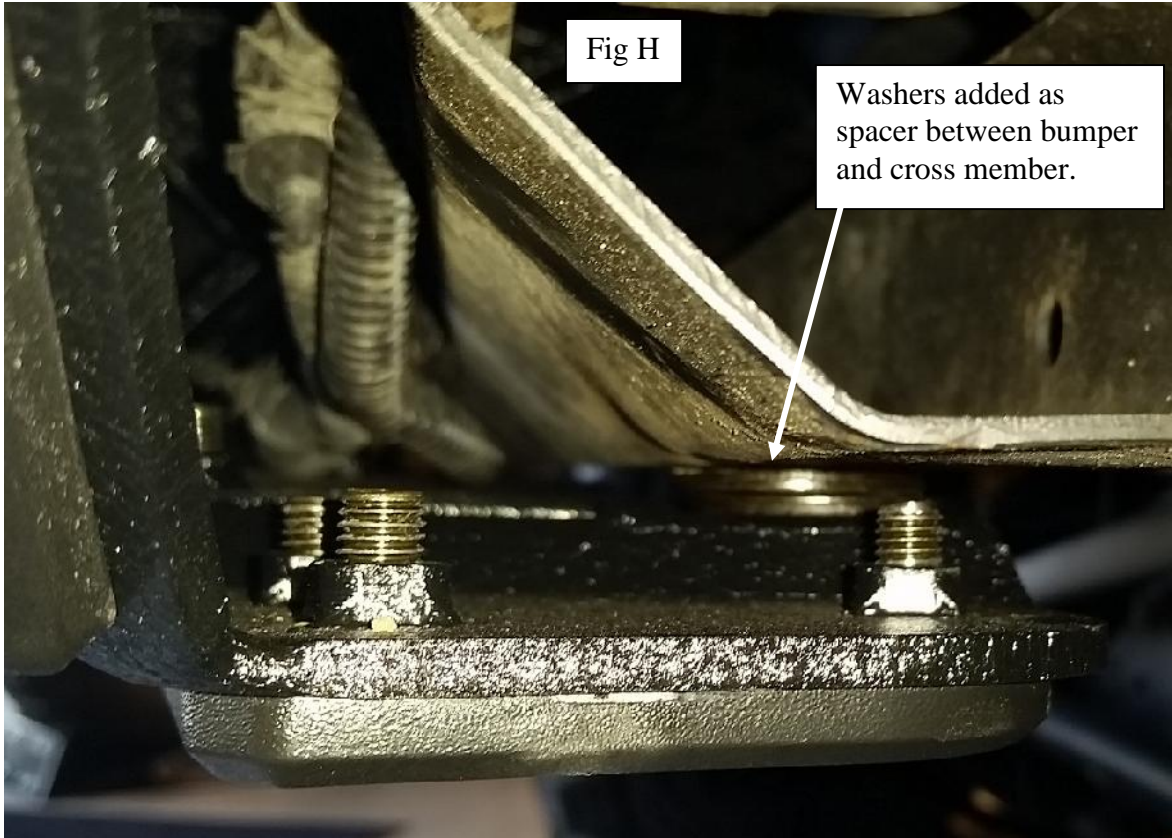
Finished Installation

Note: SRC Model Shown Without Fog Lights

Fig G



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If using a tow bar (Smittybilt part # 87450) use Smittybilt tow bar adapter brackets part #87451





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

Compliment your seat brackets with other quality parts from Smittybilt.



Seating



Cage Kits



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