



Installation Instructions:

(Part # SB76892)

2007-2013 Jeep JK

Atlas Front Bumper Kit

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

Parts Included	Qty	Parts Included	Qty
93-9148 Skid Plate Front Bumper	1	7/16" Hex Nut	8
93-9152 Winch Mounting Plate	1	7/16" Split Lock washer	8
93-9160 Atlas Bumper	1	7/16" SAE Hardened Flat Washer	8
93-9233 Bull Bar	1	90-6922 Hardware Pack: Skid Plate Bumper	1
93-9275 Bumperette	1	3/8"-16 X Clip On Nut	6
90-9280 Bolt Plate:	2	3/8" -16 X 1" Black Button Head Bolt	6
90-9407 Stainless Grill: Driver	1	3/8" SAE Hardened Flat Washer	6
90-9408 Stainless Grill: Passenger	1	90-6923 Hardware Pack: Front Bumper	1
90-6928 Hardware Pack: S.S. Grill	1	7/16" Hex Nut	8
#10-24 X 3/8" Stainless Button Head Bolt	8	7/16" Split Lock washer	8
90-6920 Hardware Pack: Driving Lights	1	7/16" USS Flat Washer	8
#8 Plastic Clip On Nut (Purchase)	8	90-6924 Hardware Pack: Winch Plate	1
#8 X 3/4" Phillips Screw	8	5/8" X 1" Hex Bolt Gr. 8	2
90-6921 Hardware Pack: Bull Bar	1	5/8" Hex Nut	2
7/16" X 1" Black Button Head Bolt	8	5/8" USS Flat Washer	4

INSTALLATION:

Step 1: Unbolt and remove the **OE** front bumper and hardware from the vehicle.

NOTE: Be sure to unclip the factory fog light wiring harnesses if equipped

Step 2: Unbolt and remove the **OE** driving lights from the **OE** bumper.

Step 3: Lift the winch mounting plate (**93-9152**) into place and insert the mounting studs into the holes on the frame horn bumper mounting brackets. Secure using the supplied **7/16"** washers and nuts. Do not tighten the **7/16"** bolts at this time. (Fig A)

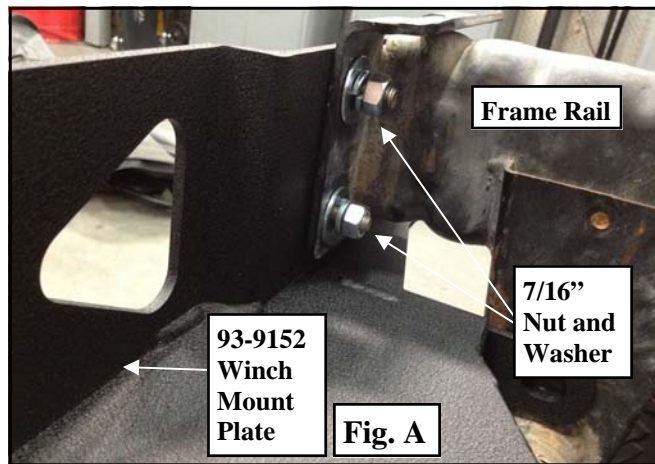


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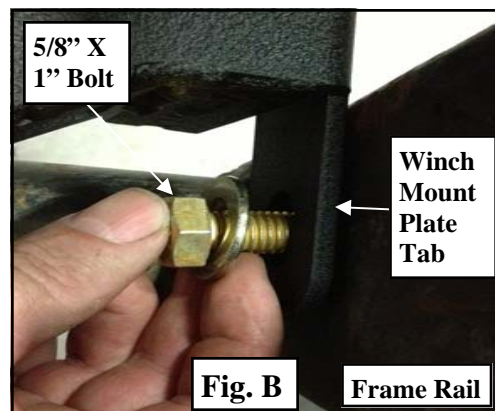
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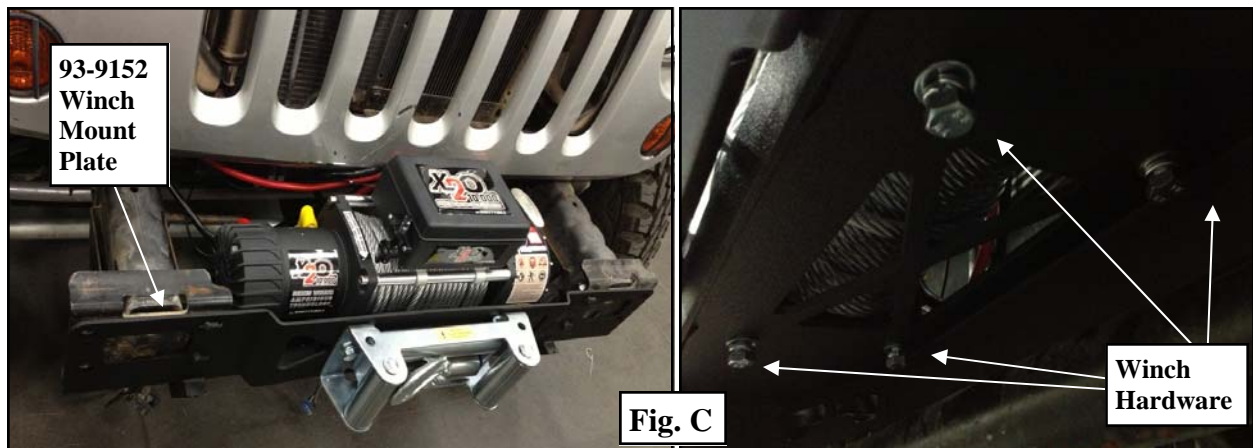


Step 4: Secure the tabs on the winch mounting plate to the inside of the frame rail using the (2) supplied 5/8" X 1" bolts and hardware. (Fig B)



Step 5: Torque winch plate mounting 7/16" hardware to 55 ft./lbs. and the 5/8" hardware to 135 ft./lbs. (Fig C)

NOTE: If installing a winch, do so at this time using the provided hardware from the winch kit.

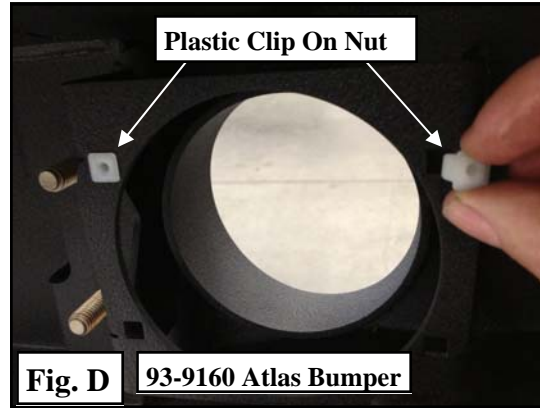




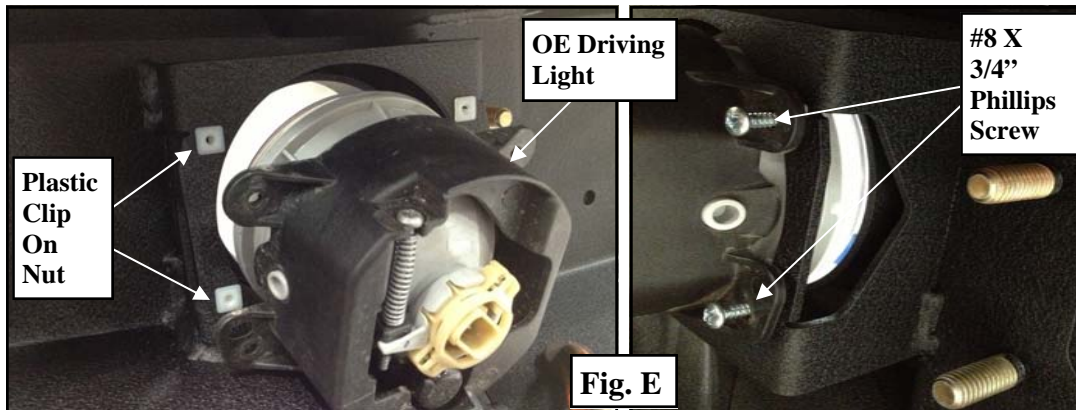
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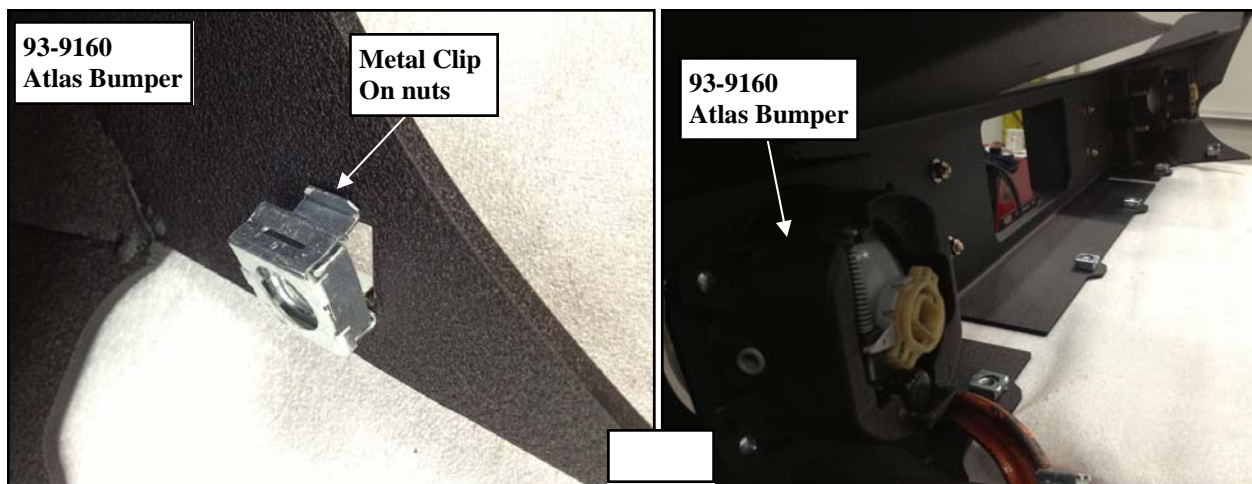
Step 6: Insert the (8) supplied plastic clip on nuts to the mounting holes in the bumper driving light mounting pads. (Fig D)



Step 7: Install the OE driving lights to the bumper mounting pads using the (8) supplied #8 X 3/4" Phillips screws. (Fig E)



Step 8: Insert the (6) supplied metal clip on nuts into the square lower skid plate mounting holes in the Atlas bumper (93-9160). (Fig F)





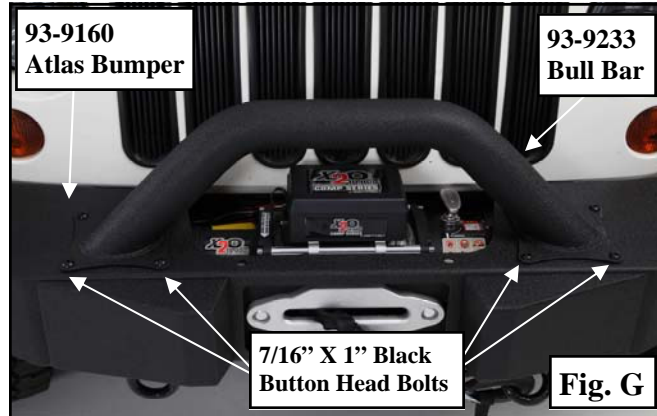
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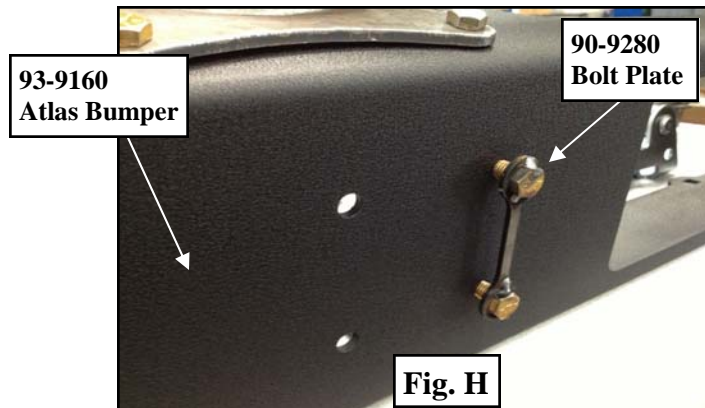
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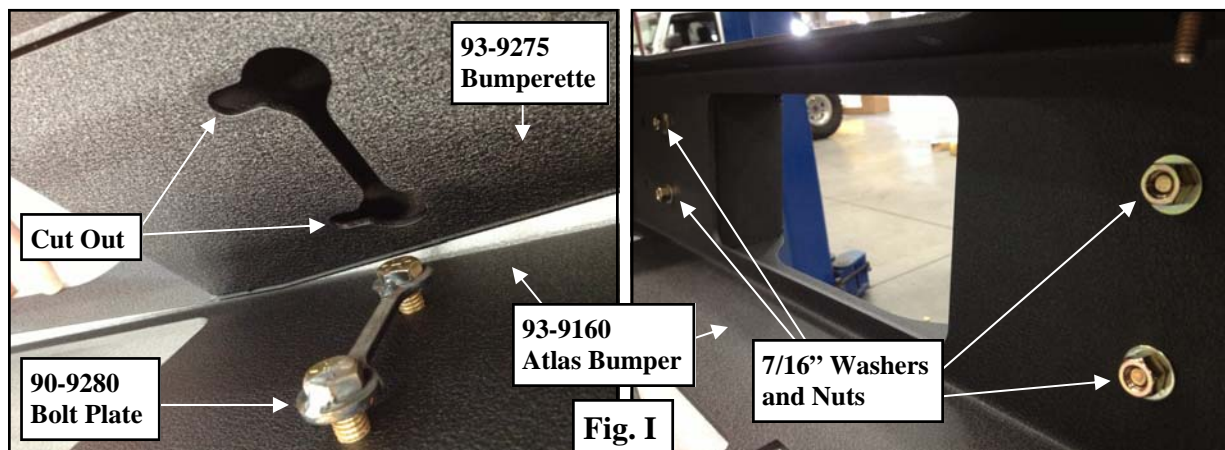
Step 9: Install the bull bar (93-9233), angled toward the vehicle, using the supplied (4 per side) 7/16" X 1" black button head bolts and hardware. (Fig G)



Step 10: Insert the (1 per side) bolt plates (90-9280) into the existing holes in the Atlas bumper (93-9160). Do not install the bolt plate flush with the bumper at this time. (Fig H)



Step 11: Install the bumperette (93-9275) onto the new Atlas bumper (93-9160) over the installed bolt plates (90-9280). Push the bumperette to the side to lock the cut outs into place around the bolt plates. Secure using the (4) supplied 7/16" nuts and washers. (Fig I)



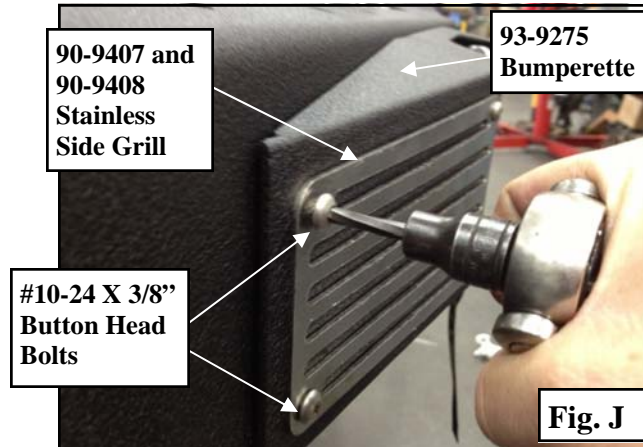


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Step 12: Install the stainless side grill (90-9407 *drv*r and 90-9408 *Pass*) to the side of the Atlas bumper (93-9160) using the supplied (8) #10-24 X 3/8" stainless button head bolts. (Fig. J)

NOTE: The grill may also be installed directly to the bumper if the bumperette is not used.



Step 13: **NOTE:** This step might require 2 people. Raise the assembled Atlas bumper (93-9160) up into place and align the bumper mounting studs with (2 **per side**) remaining empty holes on the winch mounting plate (93-9152). Secure using the supplied 7/16" nuts and hardware. Torque bumper mounting 7/16" hardware to 55 ft./lbs. (Fig K)



Step 14: Install the front bumper skid plate (93-9148) to the previously installed metal clip on nuts using the (6) supplied 3/8" X 1" black button head bolts and hardware. Torque bumper mounting 3/8" hardware to 15 ft./lbs. (Fig. L)

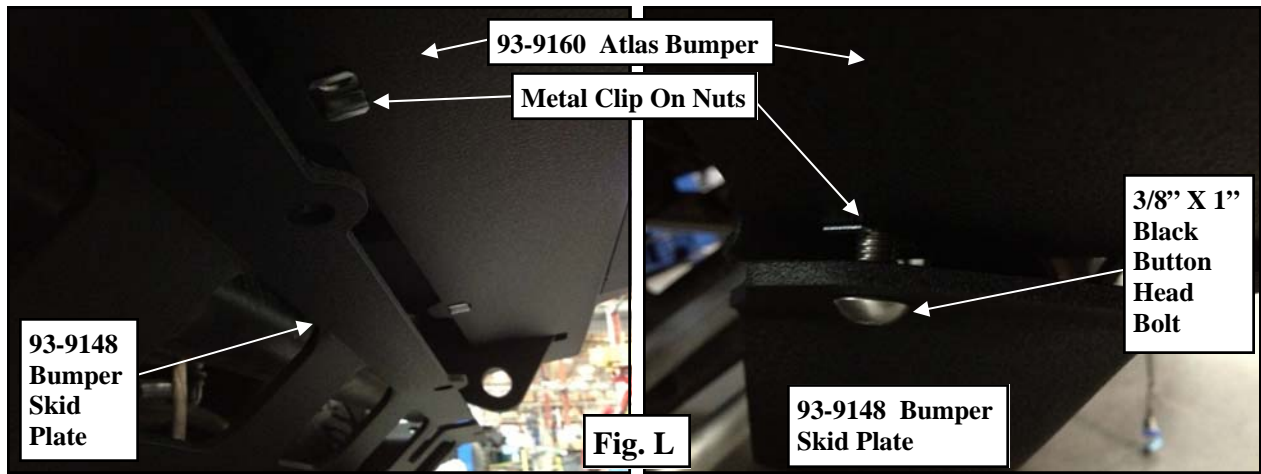


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Step 15: Install the winch wiring per the manufactures instructions. Carefully route the (+) lead keeping it clear of sharp metal, areas of excessive heat or any moving parts. Secure the leads using the supplied zip ties.

Step 16: Connect the driving light wiring connectors to the connectors on the vehicle. Test, aim & adjust the fog lights at this time.

Step 17: Installation is now complete. (Fig M)





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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</p> <p>D T L X</p> <p>Grade 5 Grade 8 (No. of Marks + 2)</p>	<p>M12-1.25x50 HHCS</p> <p>D T L X</p> <p>P</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>

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