



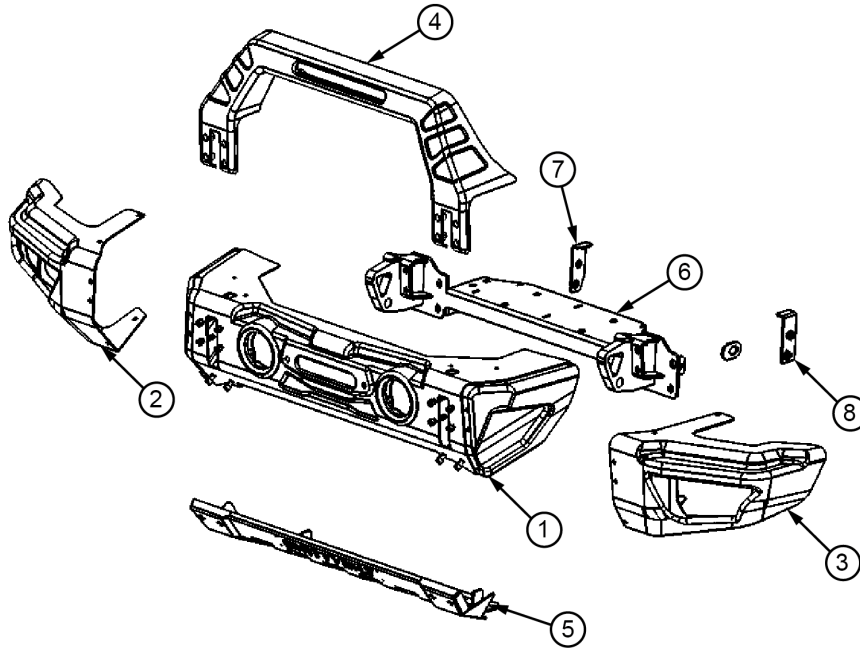
Installation Instructions:

(Part # SB76730)

Stryker front bumper

2007-Present Jeep JK & JL

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



Stryker front Bumper (76730/76731)	Qty	ID
Core bumper	1	1
left wing	1	2
right wing	1	3
Light mount	1	4
skid plate	1	5
winch cradle	1	6
Left nut plate	1	7
Right nut plate	1	8
Lower Cover Bracket	1	
M8x20 Allen-headed screw	16	
M8 Nylock Nut	6	
M8 Spring Washer	6	
M10x25 Hex bolt	9	

Stryker front Bumper (76730/76731)	Qty	ID
M8 Flat Washer	6	
M10x45 Button SOC CAP Screw	12	
Nut plate	4	
M12x35 Bolt	12	
M12 Nylock Nut	12	
M12 Flat Washer	24	
M10x25 Metric Hex Bolt	9	
M10 Flat Washer	18	
M4.1x19 Round-headed screw	8	
Plastic Plug	8	
Left winch bracket	1	
Right winch bracket	1	

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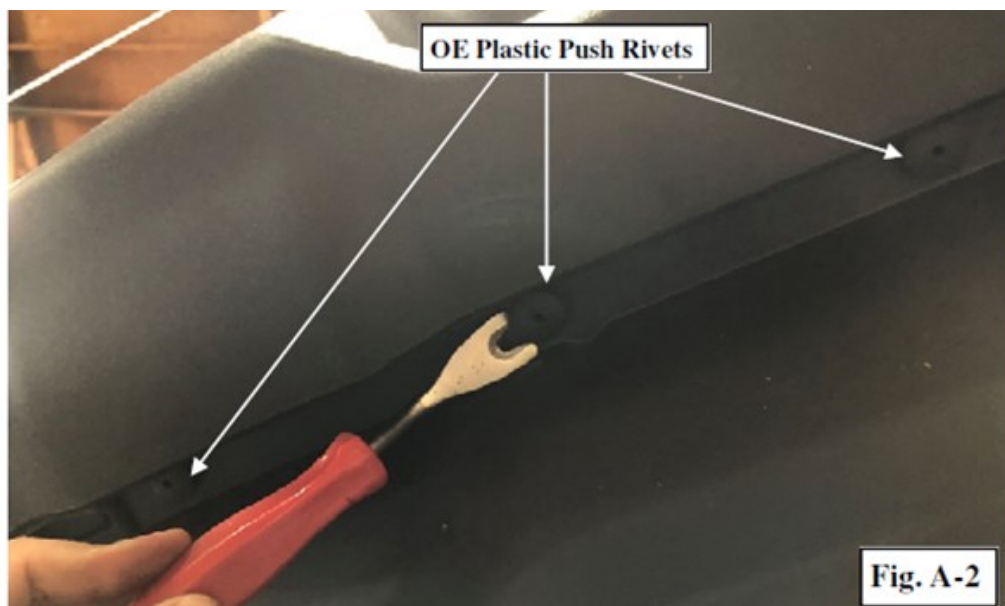
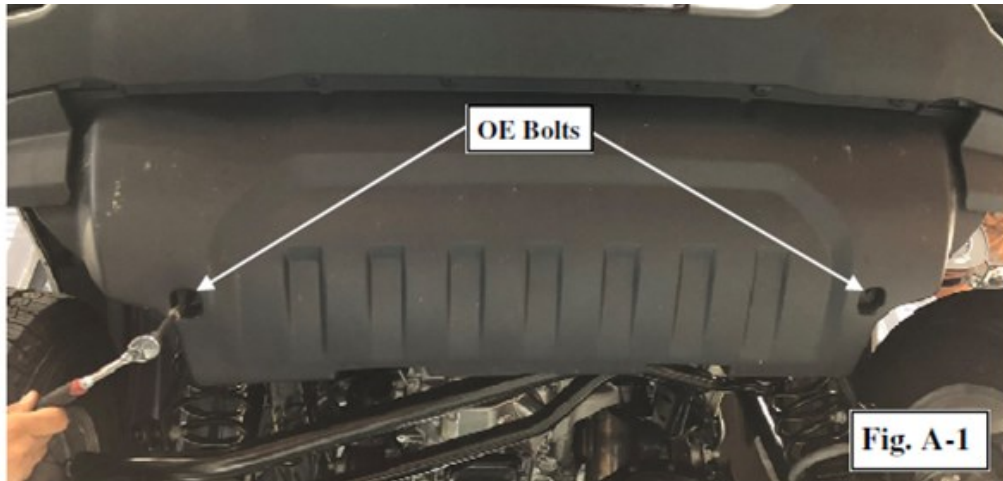
INSTALLATION:

Note : Carefully read through entire instructions before attempting to install this kit.
This kit fits both 2007-2018 JK & 2018+JL 2dr and 4dr models.

Park the vehicle on a flat level surface, chock all four wheels and make sure that parking brake is engaged before starting this installation procedure.

Note : Installation performed on Jeep Sahara and Jeep Rubicon will be similar.

Step 1 : Remove the (2) OE bolts and (8) OE plastic push rivets securing the plastic skid plate to the OE metal skid plate. (Fig. A-1 & Fig. A-2)



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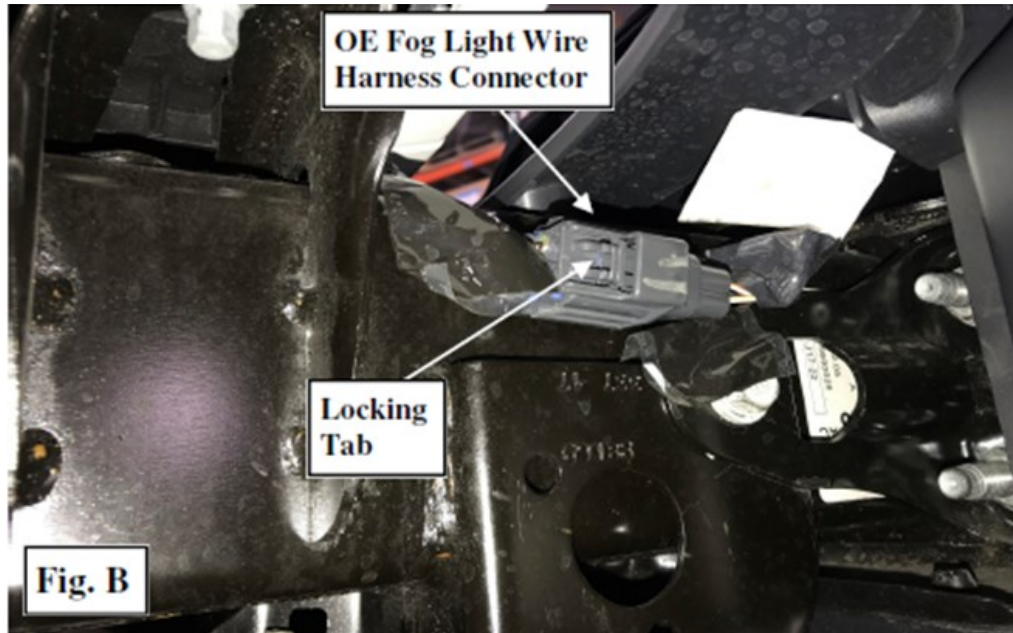
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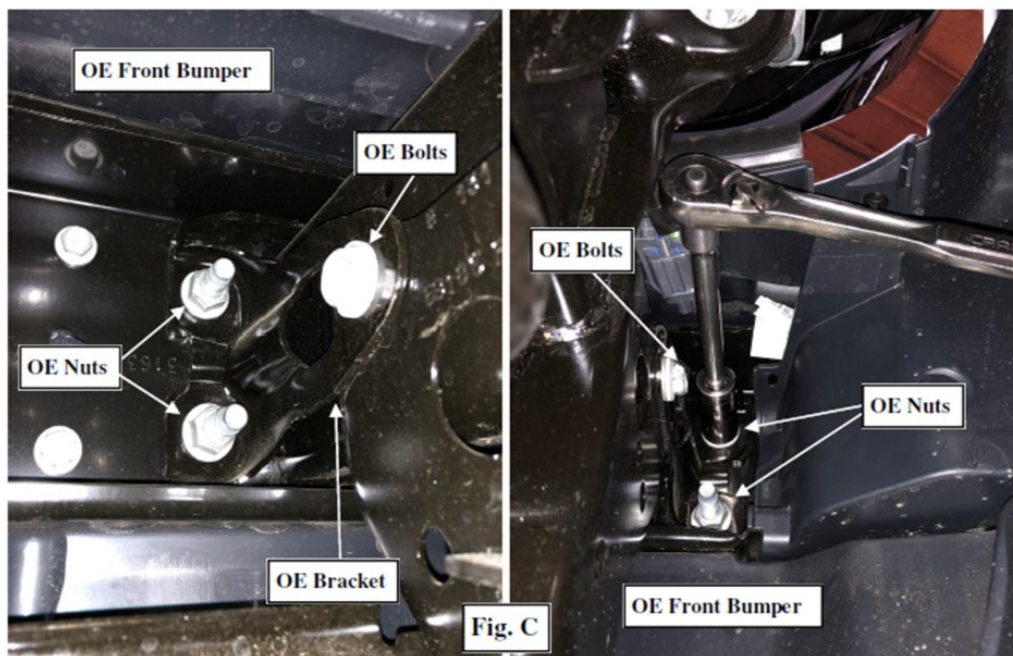
Stryker front bumper

2007-Present Jeep JK & JL

Step 2 : Depress locking tab and disconnect the OE for light wire harness connector located on the passenger side of the vehicle. (Fig. B)



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. (Fig. C)



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(Part # SB76730)

Stryker front bumper

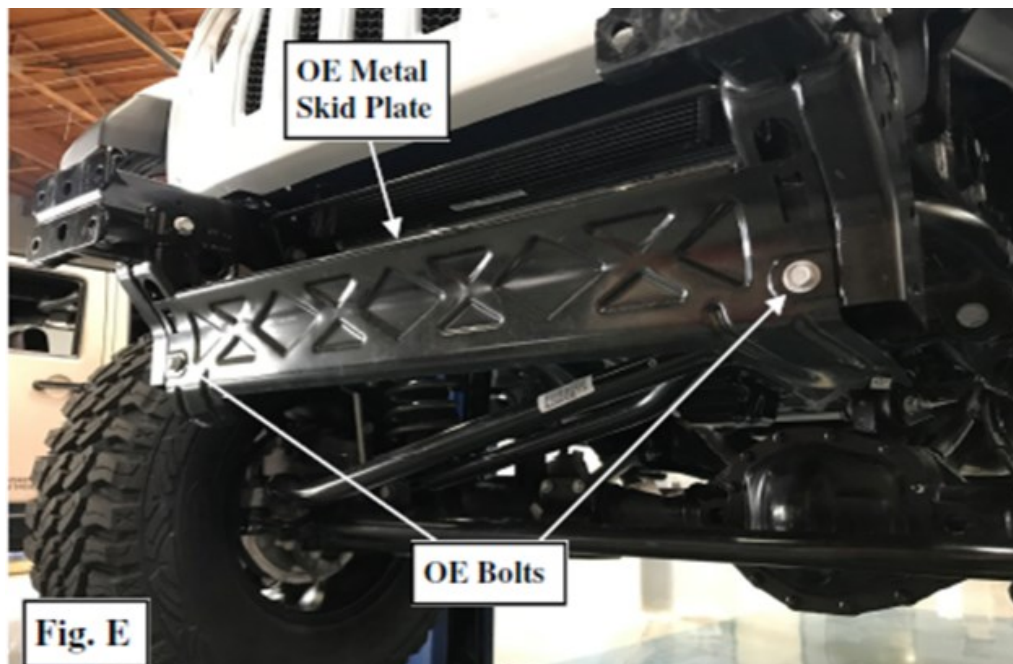
2007-Present Jeep JK & JL

Step 4 : Remove the upper bumper plastic trim by removing (2) OE push pins. (Fig. D)



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 metal skid plate from the frame rails. Save OE hardware for re-installation. (Fig. E)



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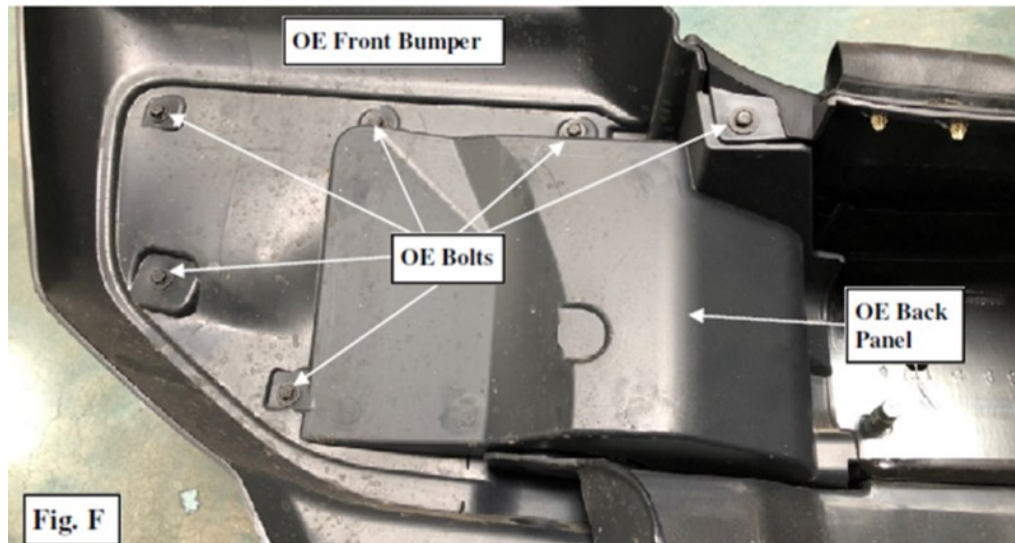
(Part # SB76730)

Stryker front bumper

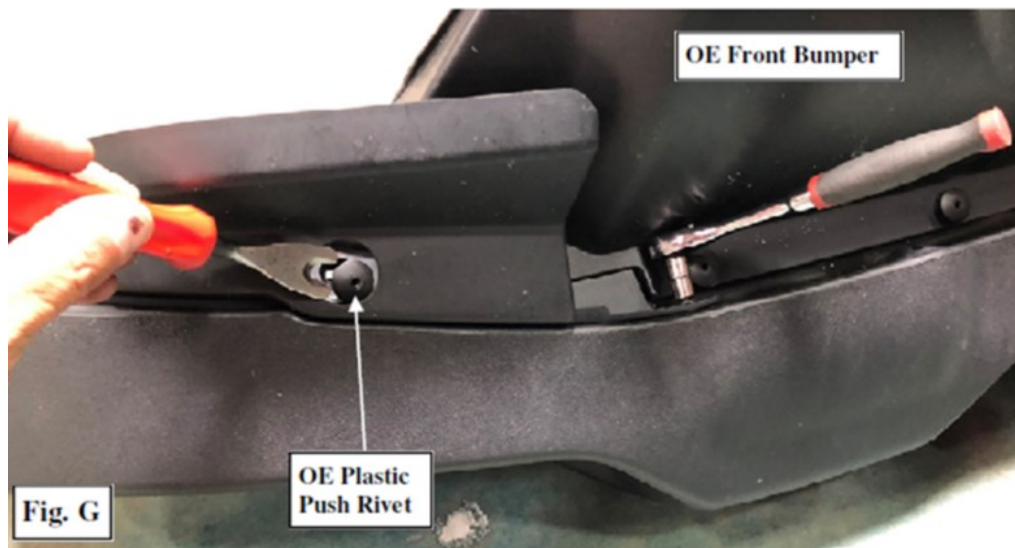
2007-Present Jeep JK & JL

Note : If reinstalling the OE LED lights or OE sport fog, lights perform step 8 through 12.

Step 7 : Using a 7mm socket, remove the (6 Per Side) OE screws securing the OE back panels to the OE front bumper. (Fig. F)



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 OE back panels to the OE front bumper. Remove the OE back panel from the OE front bumper. (Fig. G)



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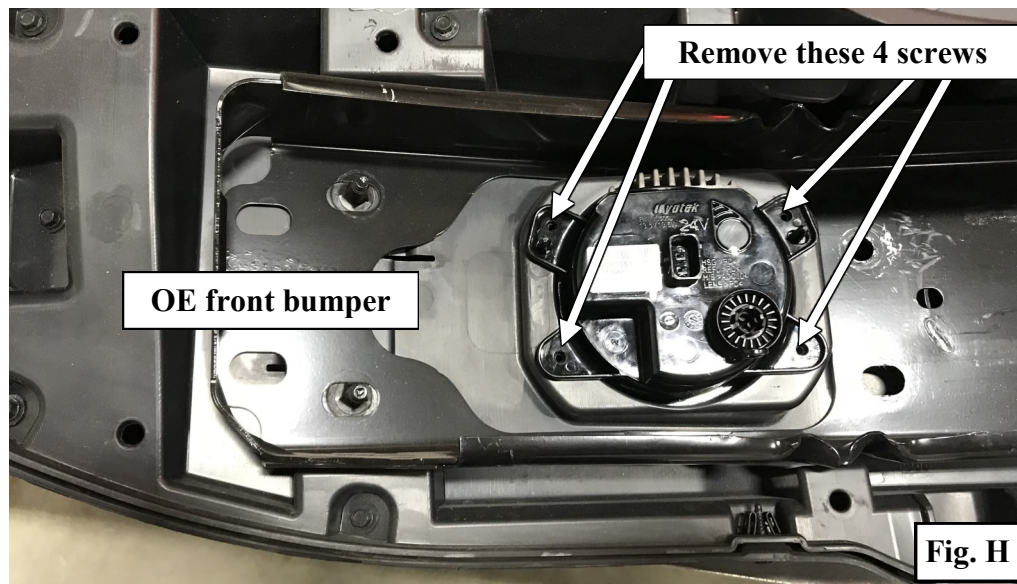
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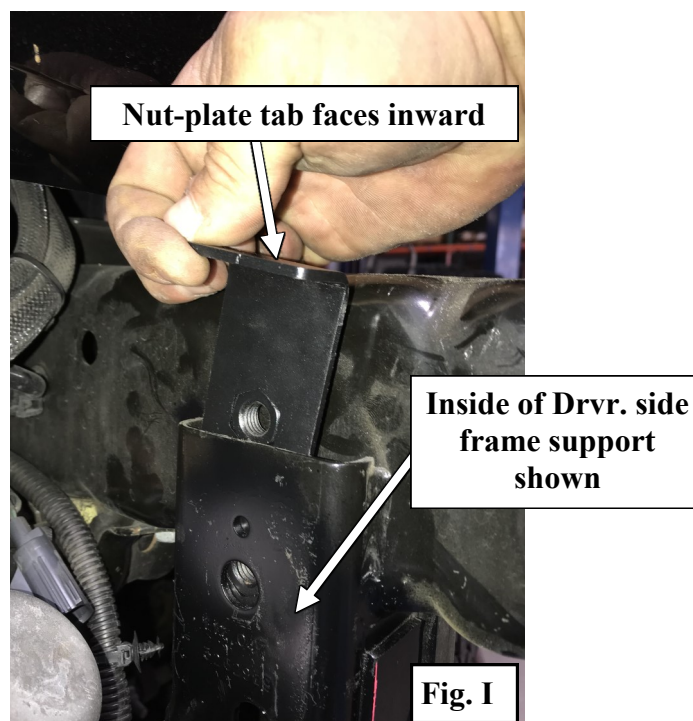
Stryker front bumper

2007-Present Jeep JK & JL

Step 9 : Disconnect the wiring harness and remove the **(4each)** screws securing the fog lights to the bumper (**Fig H**). Set the lights aside for reinstallation into new bumper.



Step 10: Install the two nut-plates to the inside, top of the frame supports (**Fig I**). Make sure that the holes align with tabs facing inwards.



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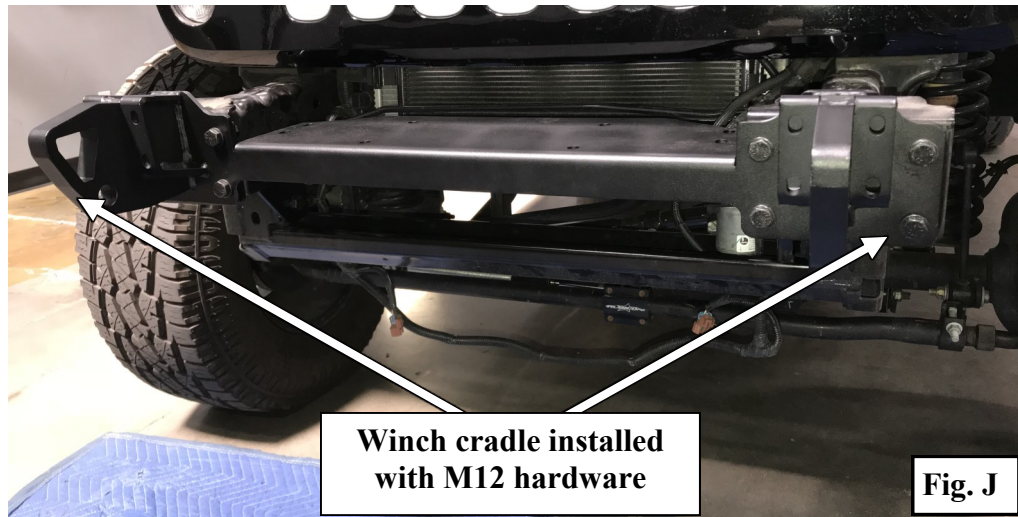
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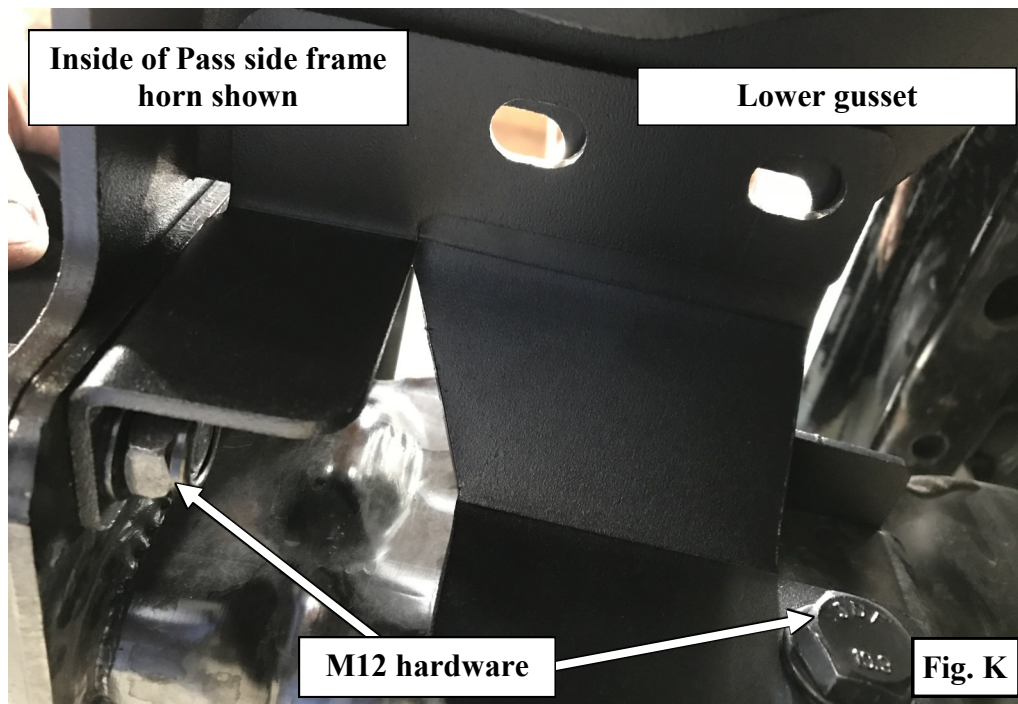
Stryker front bumper

2007-Present Jeep JK & JL

Step 11: Install the winch cradle to the OE frame horns using the supplied **M12 hardware (Fig J)**. Install **washers and nuts** on just the outside bolts at this time.



Step 12: Install the lower support gussets under the winch cradle to the back of the inside frame horn bolts, (**Fig K**) secure with **M12 washers and lock nuts**. Secure the winch cradle to the nut-plates installed in the frame supports (**Step 10**) with provided **M12 bolts and washers** through the support gussets.



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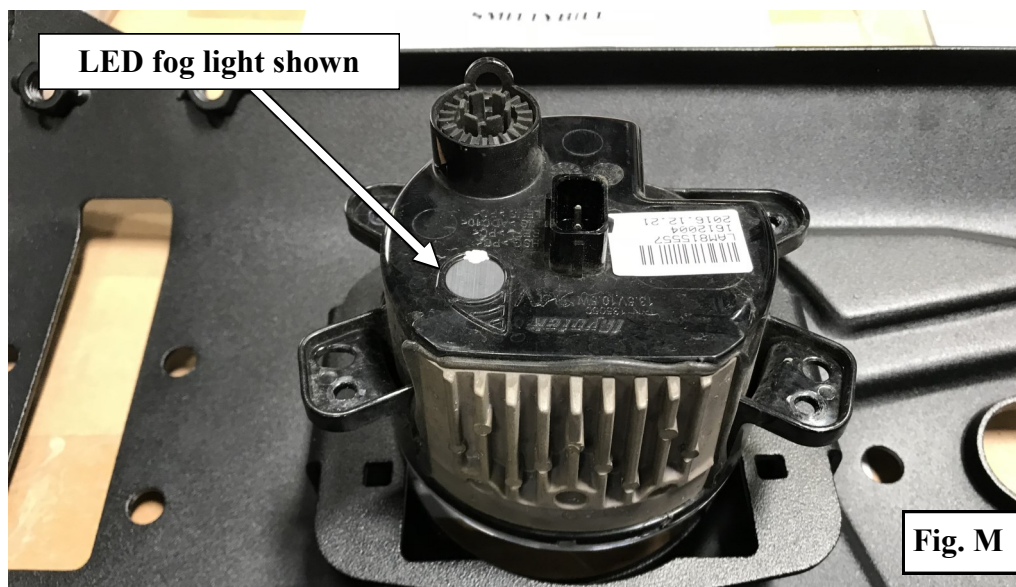
(Part # SB76730)
Stryker front bumper
2007-Present Jeep JK & JL

Step 13: Adjust the winch cradle assembly so that it is level to the grill and frame rails. When satisfied tighten all **M12 hardware** to **70ft-lbs**.

Step 14: If installing a winch, do so at this time, following the instructions provided with the winch (**Fig L**). Tighten the mounting bolts to the specs given with the winch.



Step 15: Install the **OE fog lights** removed from the OE bumper, or aftermarket JK style lights, into your new Stryker bumper using the **M4 hardware** provided. (**Fig M**)



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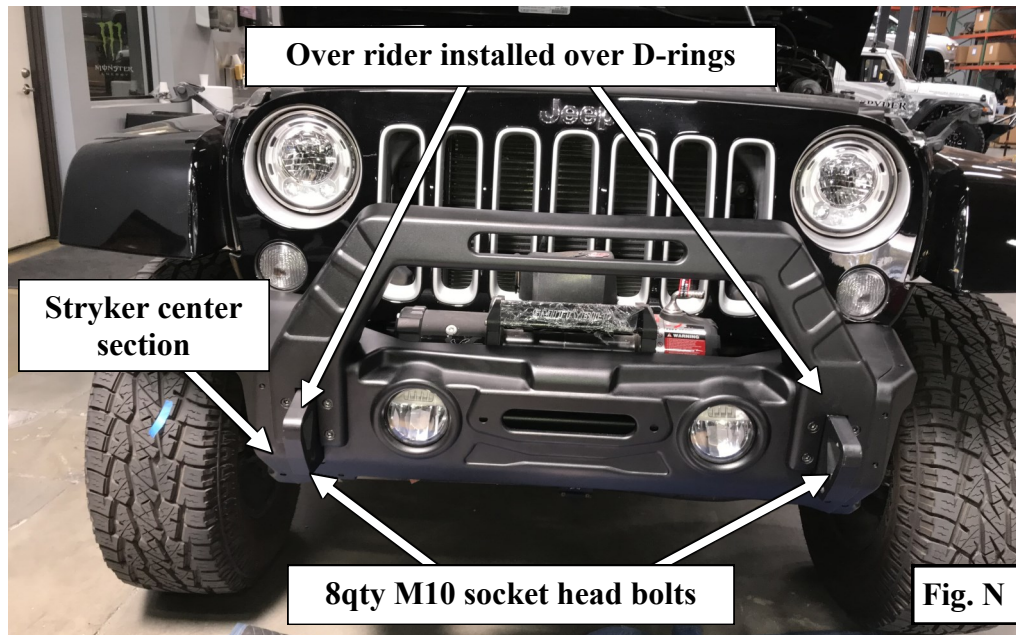
Installation Instructions:

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Stryker front bumper

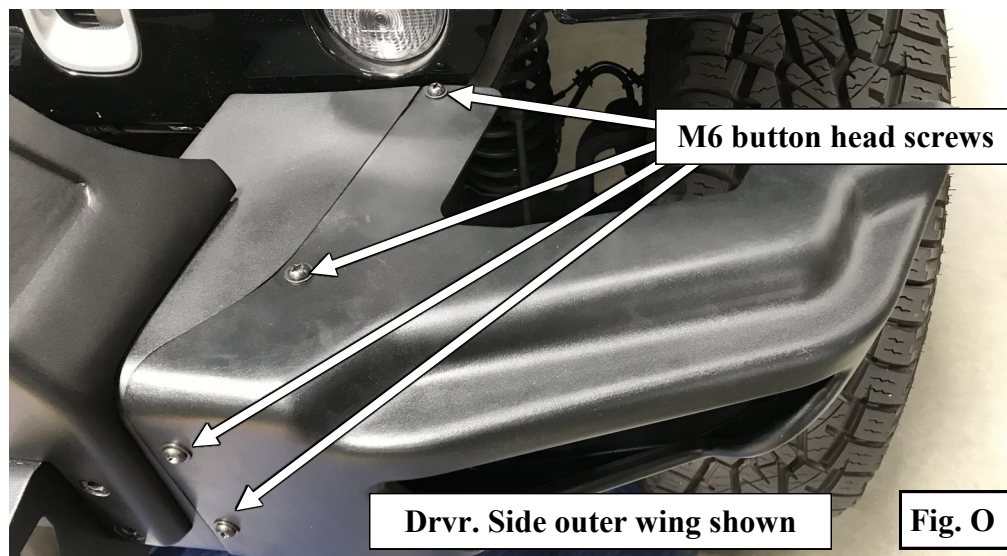
2007-Present Jeep JK & JL

Step 16: Install the **nut-plates** behind the D-rings. Mount the bumper onto the winch cradle, over the winch cradle D-rings, then install the over-rider over the D-rings to the bumper with the supplied (8 qty.) **M10 socket head bolts**. (Fig N)



Step 17: Secure the over rider to the top of the center section using the **M8 hardware** provided.

Step 18: Mount the outer wings to the center section using the supplied (5 qty. each side) **M6 button head screws**. (Fig O)



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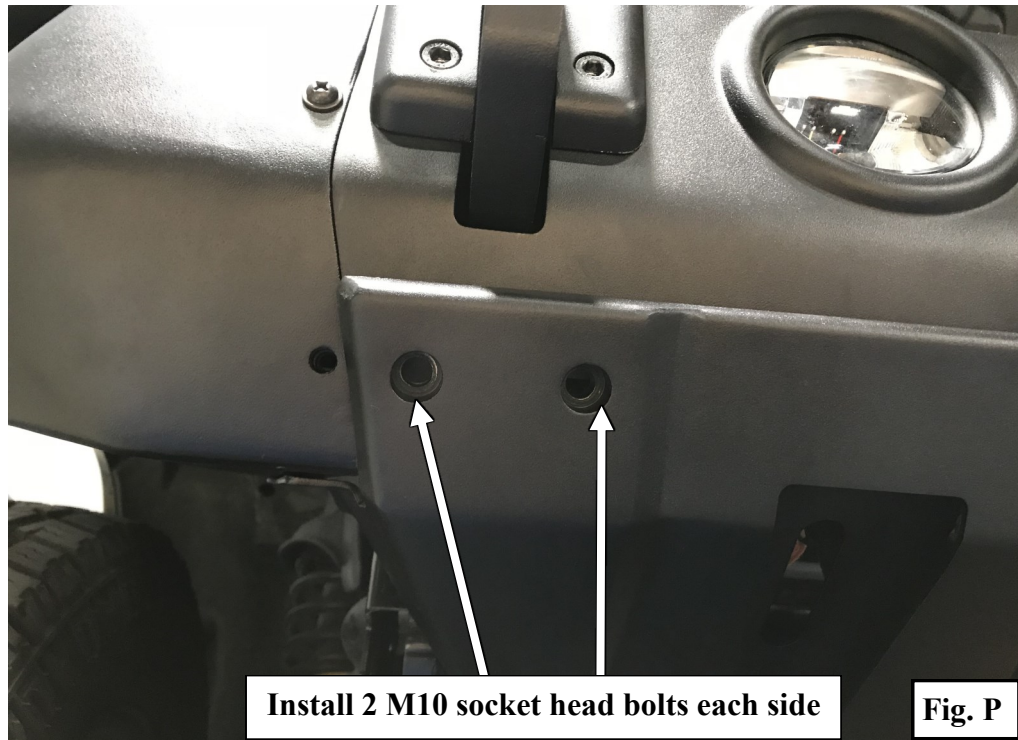
Installation Instructions:

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Stryker front bumper

2007-Present Jeep JK & JL

Step 19: Mount the skid plate to the bottom of the center section using provided (4 qty.) M10 socket head bolts. (Fig P)



Step 20: If you have a JL go to Step 21. On JKs, bolt the lower portion of the skid plate to the crossmember Using supplied **M10 hardware**, tighten upper and lower hardware to 40ft-lbs.

Step 21: For JL owners, install the supplied skid plate strap to the two lower frame horns with the supplied **M10 hardware** bolt the lower portion of the skid plate to the strap with supplied M10 hardware and tighten to 40ft-lbs.

Step 22: If installing off-road lights in the outer wing pockets, do so at this time following the instructions provided with the lights .

Step 23: Install the OE fog light harness in your new bumper, connect it to the fog lights and carefully secure it out of the way of any pinch points or moving parts. Reconnect it to the vehicle (**Step 2**).

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Stryker front bumper

2007-Present Jeep JK & JL

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

D

T

L

X

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

M12-1.25x50 HHCS

D

T

L

X

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 = 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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Smittybilt, 400 W. Artesia, Compton, CA 90220



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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.

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.

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