

Revised 4.20.15



Installation Instructions:

(Part # SB76981)

2007-2014 Jeep JK 2Door

XRC Rear Armor Kit

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

<u>Parts Included:</u>	<u>Qty</u>
93-326EP009 Front Armor: Drvr	1
93-326EP010 Front Fender: Pass	1
90-6774m Hardware Pack: Nutcert Installation	1
96-5951 Nutcert Tool	1
10mm Star Washer	1
10mm-1.5 X 50mm Socket Head Bolt	1
10mm Flat Washer	1
10mm Nut: Un-plated	1
90-6778m Hardware Pack:	2
10mm Nutcert	14
10mm X 25mm Button Head Bolt	26
Thread Locker Tube: Blue	1

IMPORTANT!: In order to install this rear armor kit you will have to drill holes in the body.

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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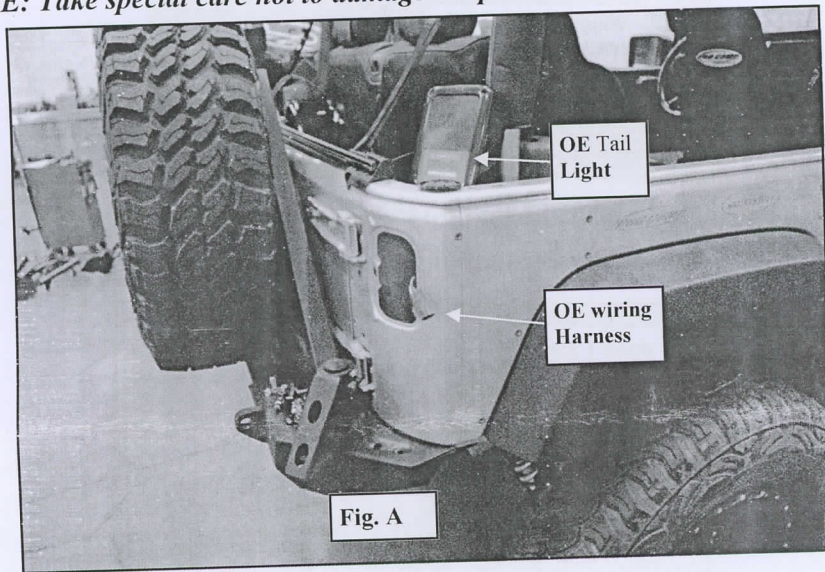
INSTALLATION:

Step 1: Remove any previously installed armor or rear fender accessories.

Step 2: Thoroughly clean and dry the rear fenders using compressed air or clean cloths.

Step 3: Remove the tail light assemblies from the rear of the vehicle. Unclip the OE wiring harnesses. Save the OE hardware for reinstallation. (Fig. A)

NOTE: Take special care not to damage the paint.



Step 4: Working on the drivers side of the vehicle, apply painters masking tape to outer edges of the rear fender and any other area that may be contacted during armor installation. This will prevent any possible damage to the paint.

Step 5: Carefully raise the rear fender armor (93-326EP009 *drvvr* and 93-326EP010 *pass*) into position on the rear fender. Make sure the armor is level and is following the same edges as the vehicle.. Mark the location of the armor mounting holes using a permanent marker.

IMPORTANT!: Align the upper edge of the armor with the body line. The bottom rear edge of the armor should line up with the radius of the lower edge and fender contour. The front of the armor should be aligned so that it provides proper clearance for door operation. (Fig G)

NOTE: Applying painters masking tape to the marked drill locations may help to protect the paint.

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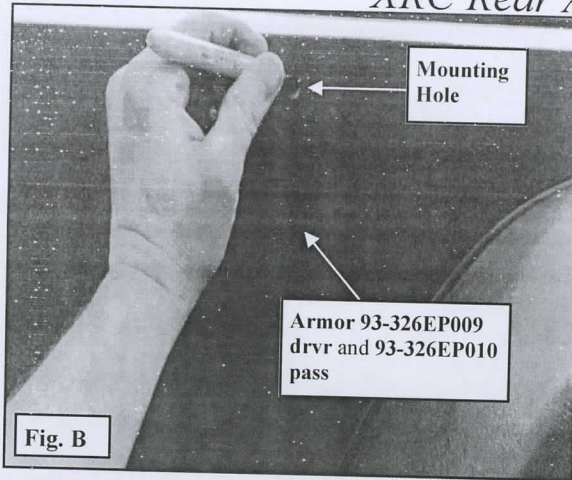


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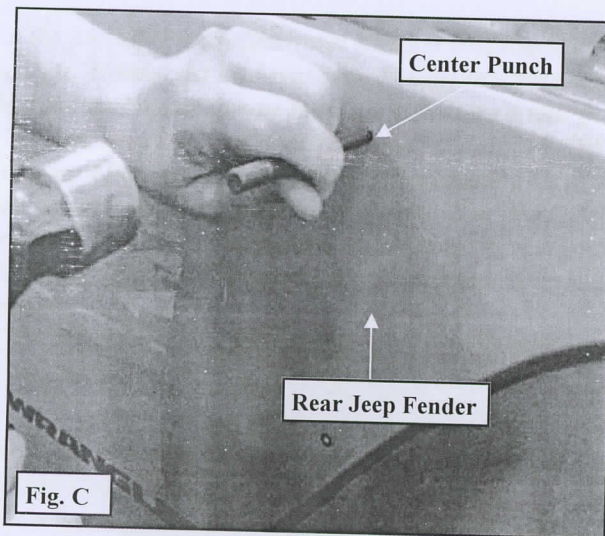
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Step 6: Center punch the previously applied drill marks and drill each hole to 17/32". (Fig. C)



Step 7: Remove the armor (93-326EP009 driver and 93-326EP010 pass) from the rear fender.

Step 8: It is recommended starting out with an 1/8" bit working up to 17/32". This method will help reduce the chances of paint chipping. A Unibit or similar tool is recommended. (Fig. D)

NOTE: Areas around the door jamb will need to penetrate both layers of sheet metal when drilling.

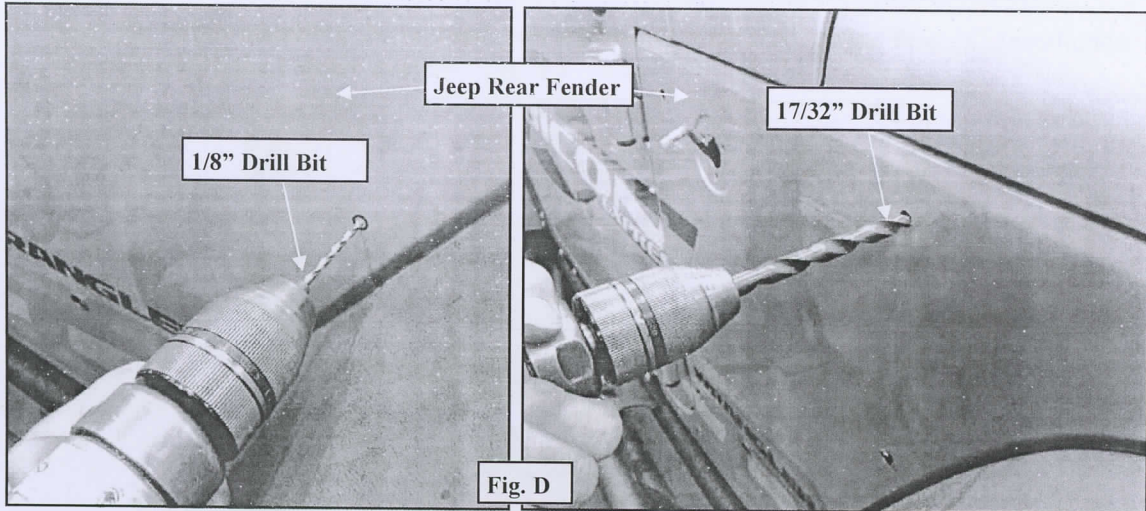
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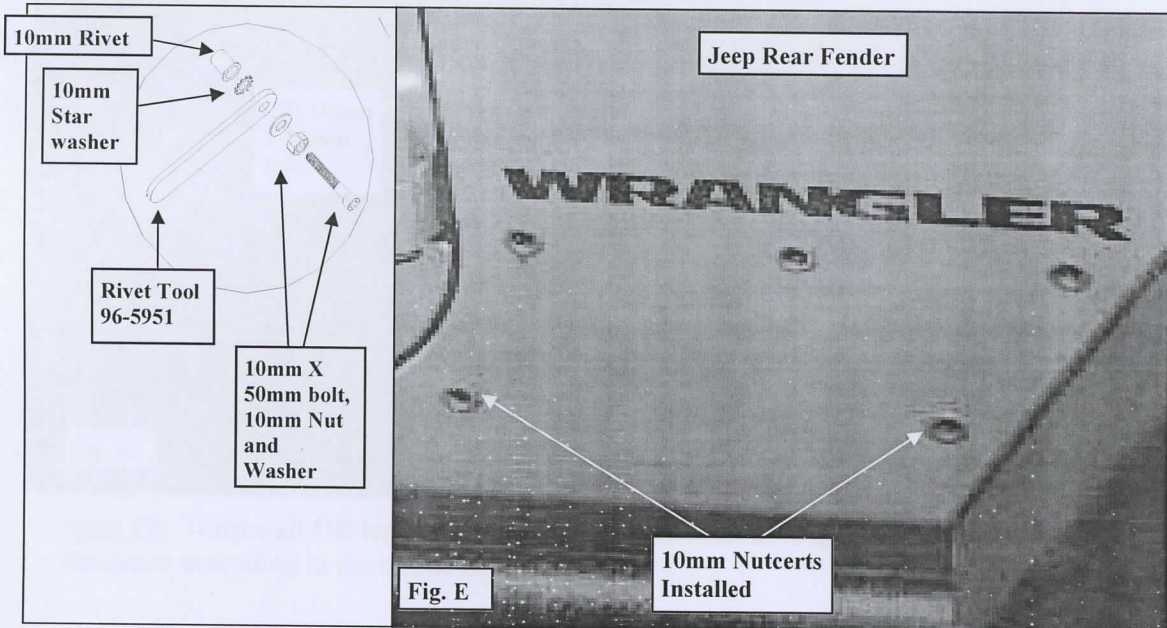
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Step 9: Install the (13 per side) 10mm nutcerts into the previously drilled 17/32" holes. (Fig. E)

NOTE: If you do not have a professional nutcert installation tool, use the 10mm X 50mm socket head bolt, 10mm nut and washer. Install the nutcert into the 1/2" hole on the vehicle. Thread the nut up as far on the 10mm bolt as it will go and then follow that with the washer. Thread the bolt, nut, washer, nutcert tool (96-5951) and star washer assembly into the nutcert. (Fig. E) While holding the 10mm bolt with an Allen wrench, tighten the nut and washer down against the nutcert. Use the nutcert tool and star washer to keep the nutcert body from spinning while tightening the 10mm bolt. Once the nutcert is properly installed into the vehicle remove the 10mm bolt, nut, washer, nutcert tool (96-5951) and star washer.



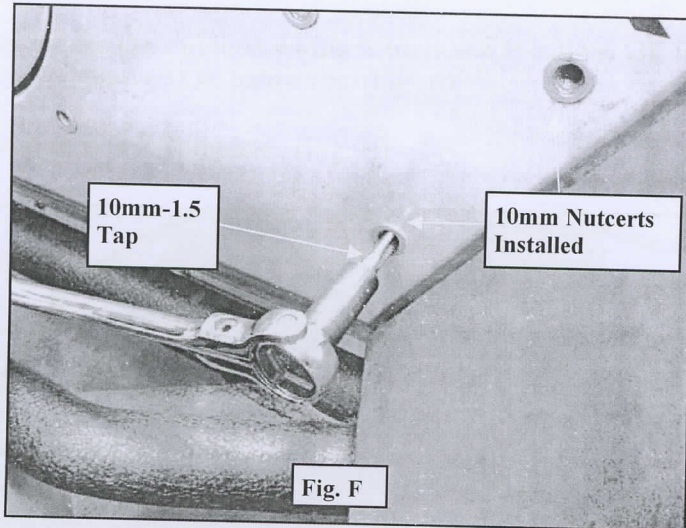
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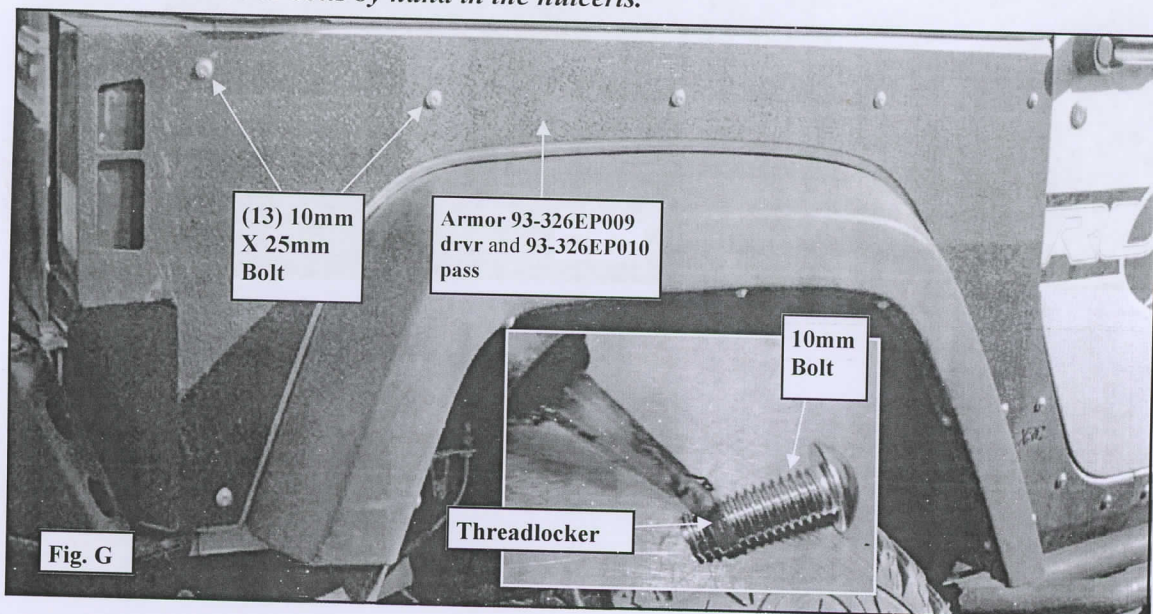
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Step 10: After installing the nutcerts, run a 10mm-1.5 tap through the threads. Installation can often warp the nutcert threads. (Fig. F)



Step 11: Reinstall the armor (93-326EP009 drvr and 93-326EP010 pass) and secure using the supplied (13 per side) 10mm X 25mm bolts. Be sure to apply threadlocker to the 10mm bolts. (Fig. G)

NOTE: The nutcerts are prone to spinning if not installed properly or cross threaded. Be sure to start the bolts by hand in the nutcerts.



Step 12: Torque all OE hardware according to manufacturers specifications or the supplied hardware according to the torque chart below.

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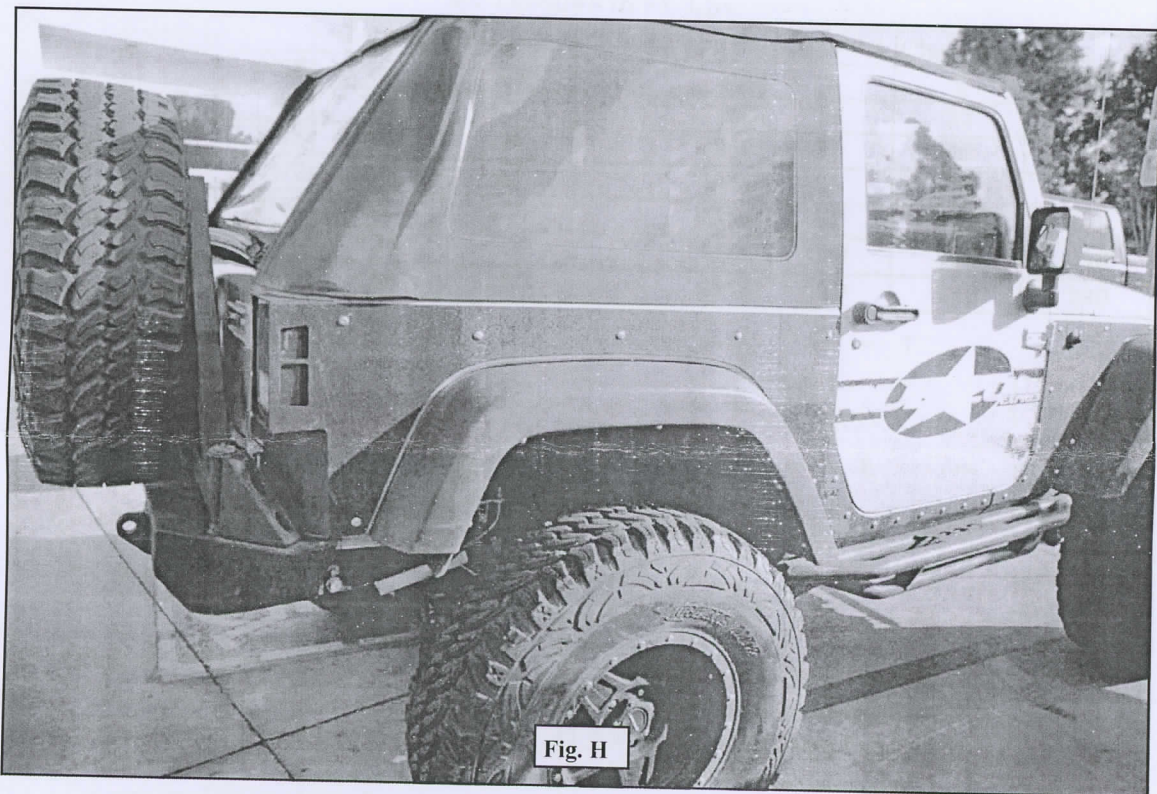


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Step 13: Repeat steps 4 through 12 on the passenger side of the vehicle.

Step 14: Reconnect the OE tail light wiring harness and install the OE tail light assemblies using the previously removed OE hardware. (Fig. A)

Step 15: Installation is now complete. (Fig. H)



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Bolt Torque and ID						
Decimal System			Metric System			
All Torques in Ft. Lbs.						
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)

D T L X

M12-1.25x50 HHCS

D T L X

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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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

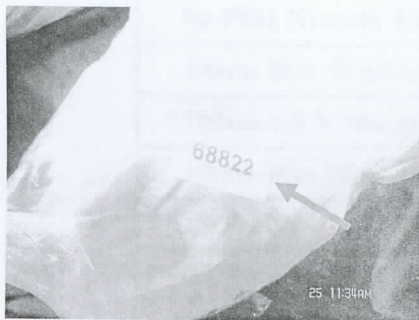
Rollover and other types of vehicle accidents may result in serious injury or death to you, your passengers and others sharing the road. Smittybilt accessories are decorative and are not intended to reduce or avoid injury or damage in the event of an accident. The weight and location of Smittybilt accessories 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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NOTE: Please take time to fill in the information requested below. It is highly recommended to keep this with the instructions and warranty information in a safe location. This will help with any warranty or customer service issues if they should arise. Please write down the DOP# that is located on the outside of the box and or on part or hardware box. (Pictured Below)



Part Number: _____
Date of Purchase: _____
Where did you purchase this product? _____
Store or catalog name: _____
Store Location: _____
Invoice # _____
DOP# _____
Who installed or will install your Smittybilt product? _____

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