



# Installation Instructions:

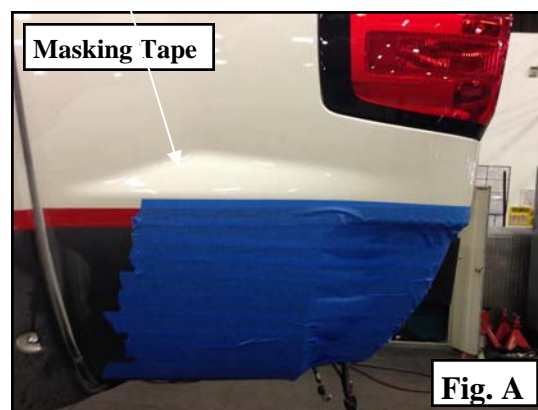
(Part # SB614822)  
2014 GM K2XX 1500  
M1 Rear Bumper Kit

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

Parts Included	Qty	Parts Included	Qty
93-9927 Rear Bumper	1	1/2" Hardened Flat Washer	4
93-9948 Frame Mount Bracket: Driver	1	<b>90-6626 Hardware Pack: Back-up Lights</b>	<b>2</b>
93-9955 Frame Mount Bracket: Passenger	1	1/4"-20 X 3/4" Hex Bolt Gr. 8	2
90-9953 Locking Spare Tire Crank Tube	1	1/4"-20 Nylock Nut	2
90-9135 Shim	4	1/4" Hardened Flat Washer	4
90-60005 Hardware Pack: Bumper Bolt Plate	1	<b>90-6662 Hardware Pack: Frame mount Bracket</b>	<b>1</b>
90-9957 Bolt Plate: Frame Mount	2	3/8"-16 X 2" Hex Bolt Gr. 8	2
90-9960 Washer Plate	2	3/8"-16 Nylock Nut	2
<b>90-60006 Hardware Pack: Frame mount Bracket</b>	<b>3</b>	3/8" SAE Hardened Flat Washer	4
1/2"-13 X 2" Hex Bolt Gr. 8	2	<b>90-6887 Hardware Pack: Spare Tire Tube</b>	<b>1</b>
1/2" USS Nylock Nut	2	1/4"-20 X 3/4" Button Head Bolt Gr. 8- (1Not Used)	8
1/2" SAE Hardened Flat Washer	4	1/4"-20 Nylock Nut- (8 Not Used)	8
<b>90-60007 Hardware Pack: License Plate Lights</b>	<b>1</b>	1/4" SAE Flat Washer- (6 Not Used)	8
1/4"-20 X 3/4" Hex Bolt Gr. 8	2	<b>S/B612800-03 2 1/2" Clear Back-Up light Kit</b>	<b>1</b>
<b>90-6886 Hardware Pack: Bumper Bolt Plate</b>	<b>1</b>	<b>90-7318 Light Mount</b>	<b>2</b>
1/2"-13 Stover Nut Gr. C	4		

## INSTALLATION:

**Step 1:** Place masking tape on the areas of the rear fenders and tailgate that can be scratched by removal of the rear bumper. (Fig A)



For Technical Support/Warranty Information please call 310-762-9944  
Smittybilt, 400 W. Artesia, Compton, CA 90220



## Installation Instructions:

(Part # SB614822)  
2014 GM K2XX 1500  
M1 Rear Bumper Kit

**Step 2:** Remove the trailer wiring plug, if so equipped. Save the hardware for reinstallation.

**Step 3:** Unplug the license plate light and back-up sensor wiring at the main harness connector on frame, if so equipped.

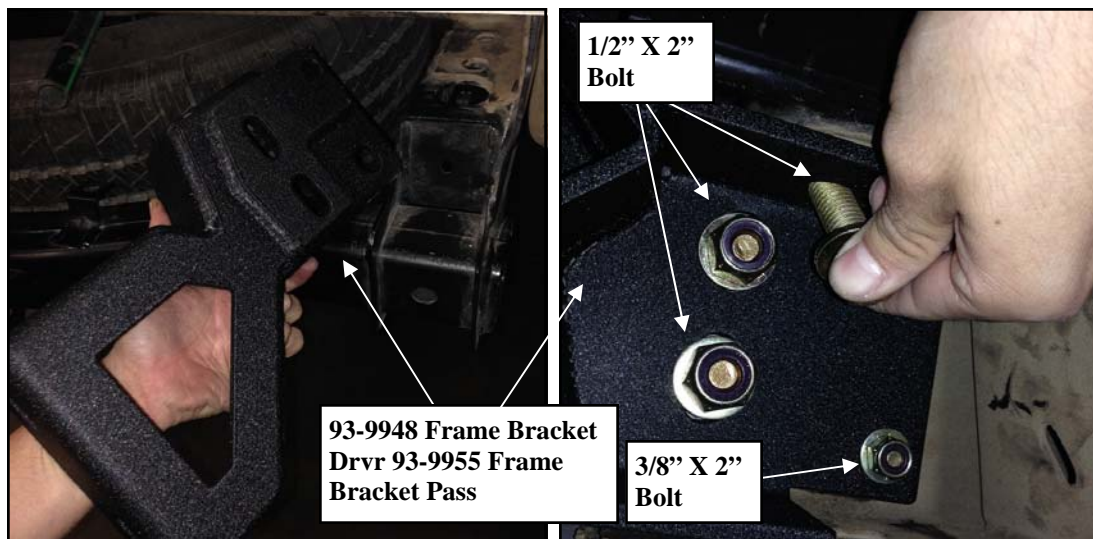
**Step 4:** Unbolt and remove the license plate from the OE bumper.

**Step 5:** Remove the OE spare tire crank tube lock from the OE bumper.

**Step 6:** With help from a friend or while supporting the bumper with a jack, unbolt the OE bumper bracket retaining bolts from the frame. Carefully remove the OE bumper and brackets from the vehicle. Save the OE hardware for reinstallation. (Fig A)



**Step 7:** Install the bumper mounting brackets (93-9948 Drvr and 93-9955 Pass) to the OE frame rails. Secure using the (3 per side) supplied 1/2" X 2" bolts and (1 per side) 3/8" X 2" bolts and hardware. Lightly tighten the 1/2" and 3/8" hardware at this time. (Fig B)



For Technical Support/Warranty Information please call 310-762-9944  
Smittybilt, 400 W. Artesia, Compton, CA 90220

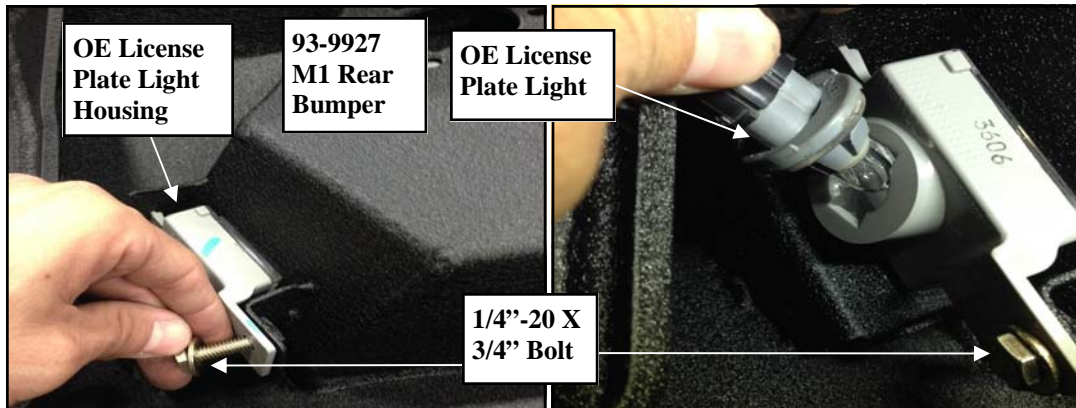


## Installation Instructions:

(Part # SB614822)  
2014 GM K2XX 1500  
M1 Rear Bumper Kit

**Step 8:** Carefully unclip and remove the **OE** bumper wiring harness from the **OE** bumper.  
*NOTE: Be sure to note the orientation of the wiring plugs.*

**Step 9:** Carefully remove the license plate lights and housings from the **OE** bumper and install the **OE** housings and lights into the holes on the M1 rear bumper (93-9927) using the supplied 1/4"-20 X 3/4" bolts and hardware. (Fig C)

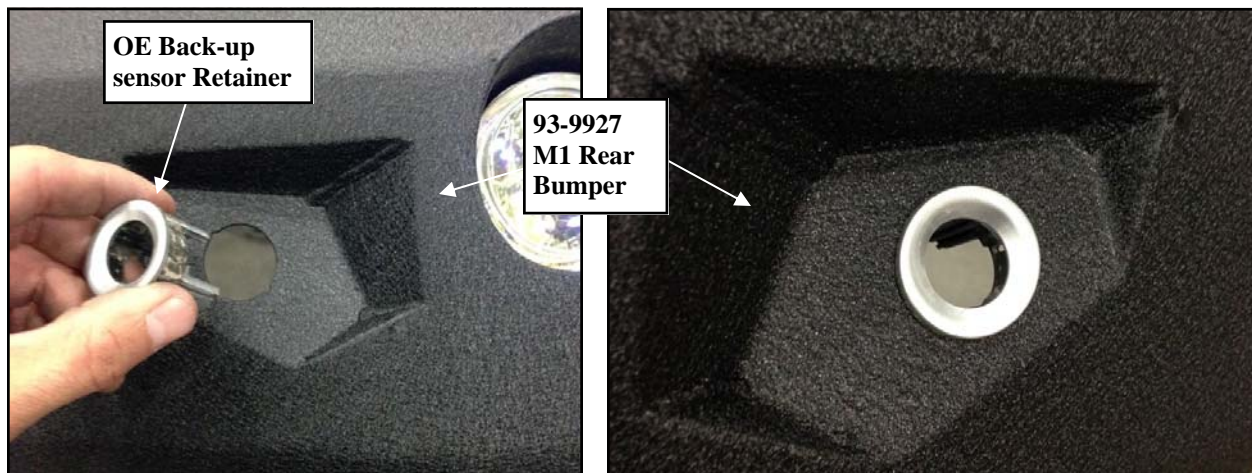


**IMPORTANT!:** Perform steps 10 through 13, one sensor at a time, carefully noting the original orientation in the OE bumper prior to removal.

**Step 10:** Unclip and carefully remove the back-up sensors from the **OE** rear bumper, if so equipped.

**Step 11:** Remove the **OE** back-up sensor retainers from the **OE** bumper, if so equipped.  
*NOTE: Be sure to note the orientation of the back-up sensor retainers in the OE bumper prior to removal.*

**Step 12:** Install the previously removed **OE** back-up sensor retainers into the mounting holes on the M1 rear bumper (93-9927). (Fig D)



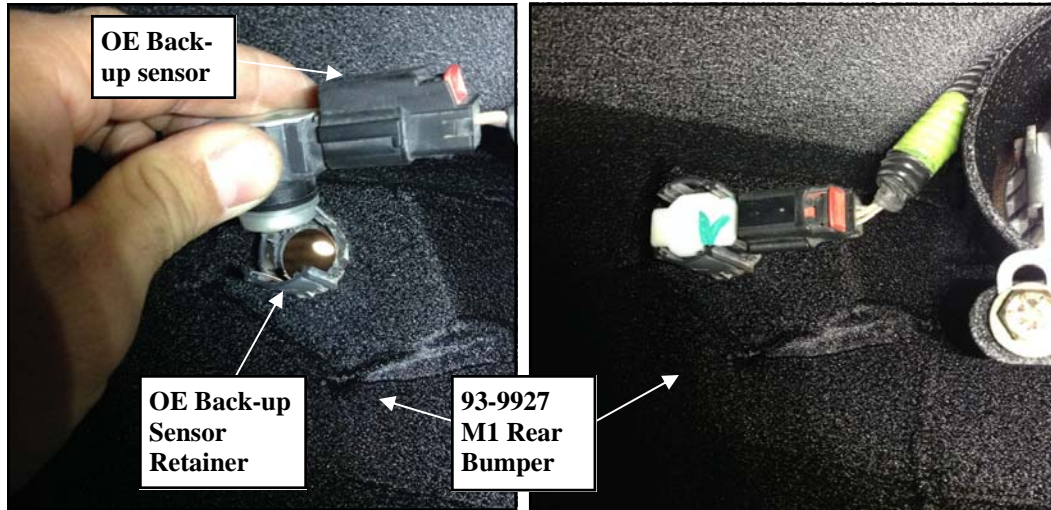
For Technical Support/Warranty Information please call 310-762-9944  
Smittybilt, 400 W. Artesia, Compton, CA 90220



## Installation Instructions:

(Part # SB614822)  
2014 GM K2XX 1500  
M1 Rear Bumper Kit

**Step 13:** Install the OE back-up sensors into the OE retainers on the M1 rear bumper (93-9927) according to their original orientation in the OE bumper. (Fig D)



**Step 14:** Install the OE trailer plug to the mounting hole in the M1 bumper (93-9927). Press the OE trailer plug into place firmly to secure. (Fig E)

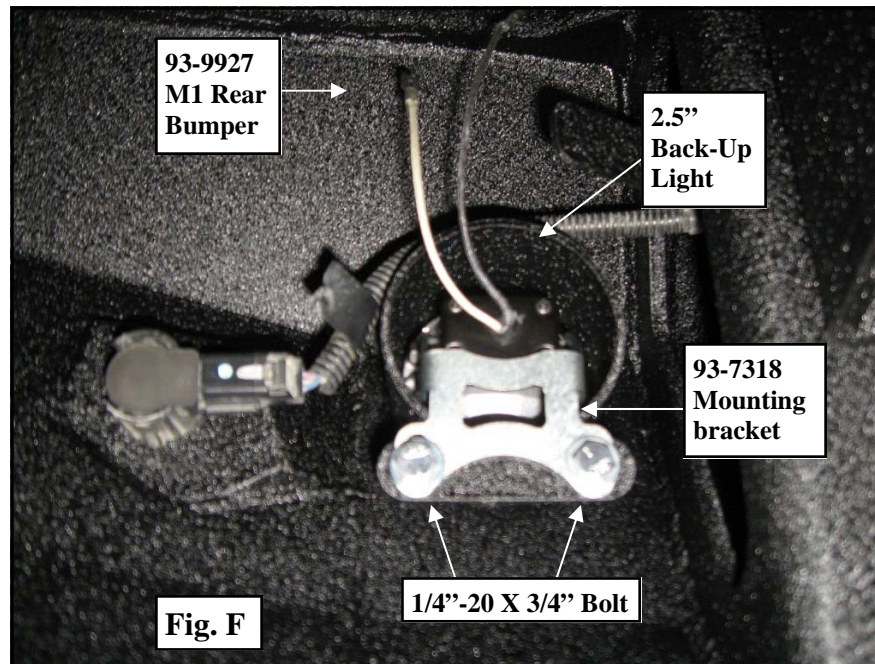


**Step 15:** Install the brackets (90-7318) to the 2 1/2" clear back-up lights as a replacement for the included mounting bracket from clear back-up light kit (S/B612800-03). (Fig F)



## Installation Instructions:

(Part # SB614822)  
2014 GM K2XX 1500  
M1 Rear Bumper Kit

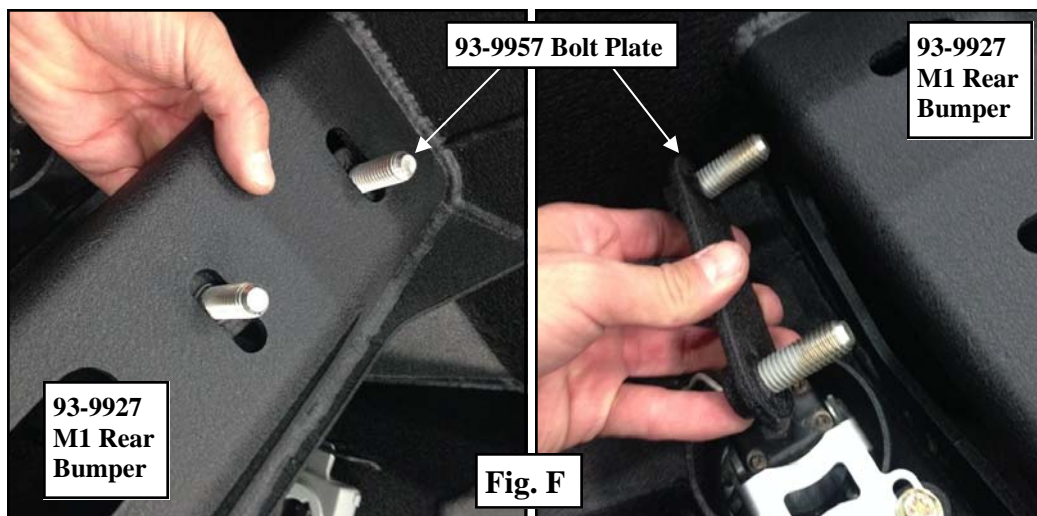


**Step 15:** Install the back-up lights into the new M1 rear bumper (93-9927) using the supplied (2 per side) 1/4"-20 X 3/4" bolt and hardware. (Fig F)

**Step 17:** Install the license plate using the (4) 1/4"-20 X 3/4" button head bolts.

**Step 18:** Place the OE rear bumper wiring harness into the M1 rear bumper (93-9927) Be sure the harness is tucked up neatly away from any sharp edges or moving parts. Use the zip ties if necessary. (Fig G)

**Step 19:** Insert the 1/2" bolt plates (90-9957) into the mounting pocket on the M1 rear bumper (93-9927). (Fig H)



For Technical Support/Warranty Information please call 310-762-9944  
Smittybilt, 400 W. Artesia, Compton, CA 90220



## Installation Instructions:

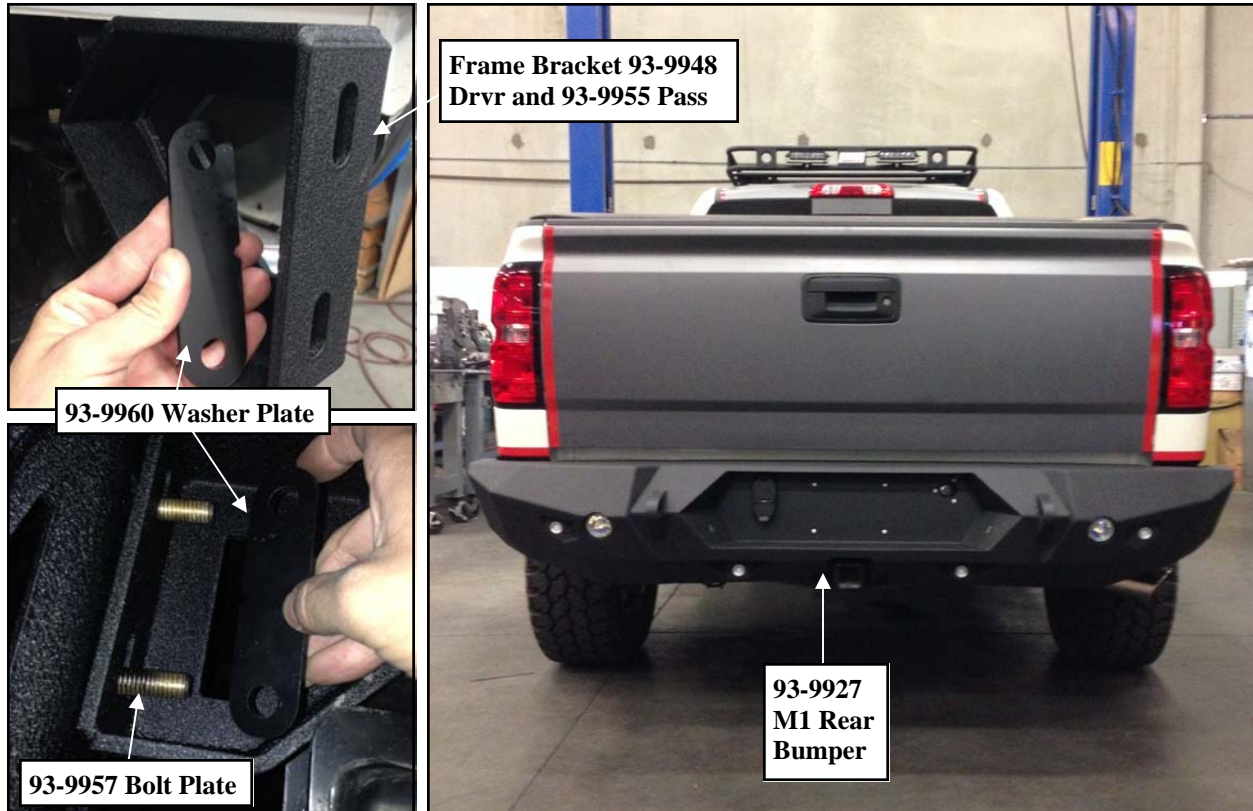
(Part # SB614822)

2014 GM K2XX 1500

M1 Rear Bumper Kit

**Step 20:** Carefully raise the new M1 rear bumper (93-9927) into position. Secure the M1 rear bumper to the previously installed bumper mounting brackets (93-9948 Drvr and 93-9955 Pass) using (2 per side) the 1/2" bolt plates (90-9957), washer plate (90-9960), and 1/2" hardware. Leave the hardware slightly loose for adjustment. (Fig I)

**NOTE:** If the M1 rear bumper (93-9927) is too close to the body or tow hitch, install bumper shims (90-9135) to provide the necessary space.



**Step 21:** Once proper M1 bumper (93-9927) alignment is achieved, torque the 1/2" bumper mounting hardware to 85 ft./lbs., the 3/8" bumper mounting hardware to 45 ft./lbs., and the OE hardware to manufacturer's specifications. (Fig I)

**IMPORTANT!:** Be sure to check clearance between the bumper and tailgate when the tailgate is in the lowered position before torquing the bolts.

**Step 22:** Install the spare tire tube (90-9953) to the M1 rear bumper (93-9927) using the (3) supplied 1/4" X 3/4" button head bolts and hardware. (Fig J)

**NOTE:** Be sure to check that the OE spare tire crank fits properly into the spare tire tube.

**Step 23:** Install the previously removed OE spare tire tube lock into the spare tire tube (93-9953). (Fig D)



## Installation Instructions:

(Part # SB614822)  
2014 GM K2XX 1500  
M1 Rear Bumper Kit



**Step 24:** Reconnect license plate lights to the wiring harness. Use zip ties to secure the wiring harness to the M1 rear bumper (93-9927). (Fig D & F)

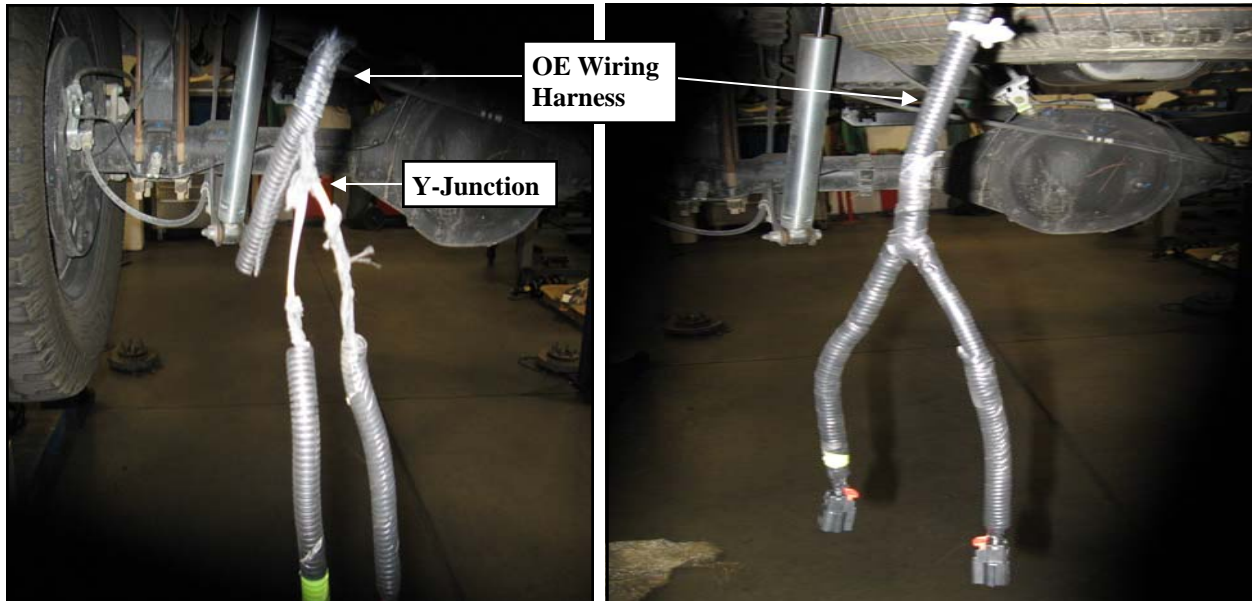


**Step 25:** At each end of the rear bumper wiring harness are the back-up sensors connectors. Remove the tape and loom cover from the Y-junction and separate the wires in order to move the split 4 to 5 inches further up the harness. Re-tape the Y-junction with electrical tape. Perform this on both sides of the harness. Reconnect the wiring harness connectors to the back-up sensors.

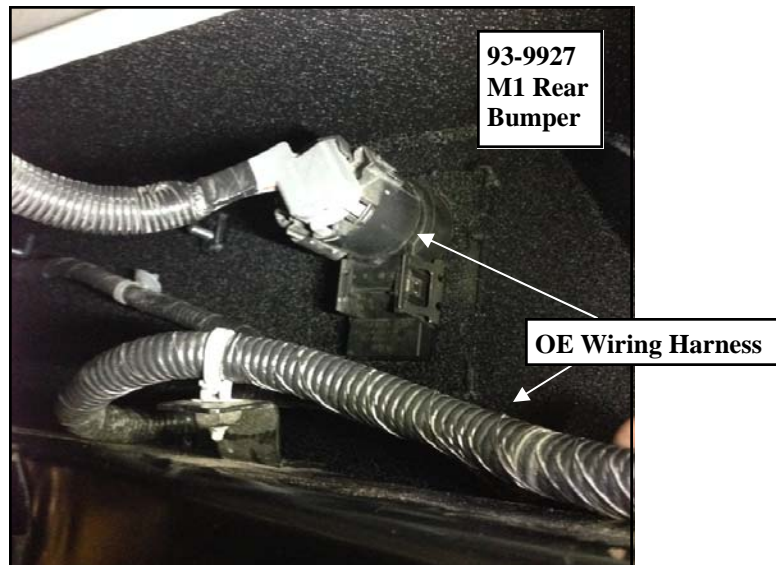


# Installation Instructions:

(Part # SB614822)  
2014 GM K2XX 1500  
M1 Rear Bumper Kit



**Step 26:** Reconnect the rear bumper wiring at the main harness connector on frame.



**Step 27:** Connect the back-up light wiring per instructions, to a switch or in conjunction with auxiliary back-up lights. Test, aim & adjust the lights at this time.

**Step 28:** Installation is now complete. (Fig K)





# Installation Instructions:

(Part # SB614822)

2014 GM K2XX 1500

M1 Rear Bumper Kit



Use this only as a guide for hardware without a called out torque specification in the instruction manual.

<b>Bolt Torque and ID</b>						
<b>Decimal System</b>			<b>Metric System</b>			
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	60
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 I L X</p>	<p>Grade 5    Grade 8</p> <p>(Number of Marks + 2)</p>	<p>M 12-1.25x50 HHCS</p> <p>D I 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>

**For Technical Support/Warranty Information please call 310-762-9944**  
**Smittybilt, 400 W. Artesia, Compton, CA 90220**



# Installation Instructions:

*(Part # SB614822)*  
*2014 GM K2XX 1500*  
*M1 Rear Bumper Kit*

## 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.

## 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.

---

**For Technical Support/Warranty Information please call 310-762-9944**  
**Smittybilt, 400 W. Artesia, Compton, CA 90220**