

# Installation Instructions FRONT BUMPER (Part # JB48-F) 07 JEEP WRANGLER JK

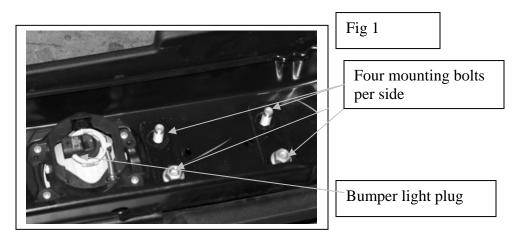
### **PARTS LIST**

1	Front Bumper
2	Brackets
8	12MM X 35MM bolts
8	12MM nylon lock nuts
16	12MM washers

**Caution:** Do not use bumper as a jack or lifting point. This may cause injury or damage.

## PROCEDURE:

- 1. REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY.
- 2. Unplug the bumper lights electrical connections (Fig 1)
- 3. Remove front factory bumper by removing the eight mounting bolts with a 17MM socket wrench (Fig 1)
- **4.** Install the new bumper brackets as shown in photos. Note that the bracket faces rearward and the forward facing holes (those the mounts bolt onto the frame) are horizontal, and those the bumper mounts to are vertical. (Fig 2)
- 5. Install the 12MM bolts and locking nuts to the mounts but leave finger tight to allow for adjustment
- 6. Install the 12MM bolts and locking nuts to the bumper and the mount.
- 7. Adjust the bumper and tighten all the bolts. (Fig 3)

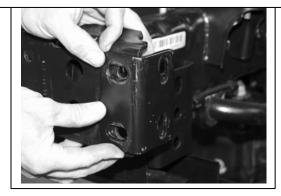


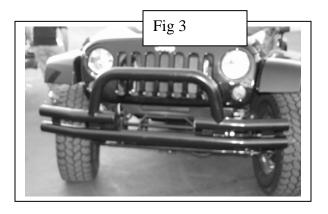
For Technical Support/Warranty Information please call 310-762-9944



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Fig 2 Note the orientation of the bolt holes





## **Cleaning and Maintenance**

To protect your investment, wax this product after installing. Regular waxing is recommended to add a protective layer over the finish. Do not use any type of polish or wax that may contain abrasives that could damage the finish.

**For stainless steel**: Aluminum polish may be used to polish small scratches and scuffs on the finish. Mild soap, window or glass cleaner may be used also.

For gloss black finishes: Mild soap, window and glass cleaner may be used.

### LIMITED WARRANTY

Smittybilt (The Company) warrants to the original purchaser of this product that should the product or any part thereof, under normal use and conditions, be proven defective in material or workmanship within the warranty period of 5 years from the date of purchase, such defect(s) will be repaired or replaced (At the Company's option) without charge for parts or labor. To obtain repair or replacement within the terms of the warranty, the product is to be delivered with proof of warranty coverage (e.g. dated bill of sale, receipt), specification of defect, freight pre-paid with Returns Good Authorization Number from Smittybilt to place of purchase. Items returned to Smittybilt without a Returns Authorization Number will be refused and returned to sender at the senders' expense.

This warranty does not apply to any product or part thereof which, in the opinion of the Company, has suffered or been damaged through altercation, improper installation, mishandling, misuse, neglect accident or acts of nature. THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY THE PURCHASER FOR THIS PRODUCT.

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