



Installation Instructions

*Jeep Rear Bumper (Part # JB44-R,RB01)
1987-2006 Jeep Wranglers*

NOTE: Carefully read entire instructions thoroughly before attempting to assemble and/or install this product.

Parts Included	Qty
Rear Bumper	1
10 mm Bolts	8
10 mm Lock Washers	8
10 mm Nuts	8
10 mm Flat Washers	8
12 mm Bolts	4
12 mm Lock Washers	4
12 mm Flat Washers	4
12 mm Nuts	4
Mounting Brackets	2

Tools Needed
Drill
Drill Bit Set
Ratchet
Sockets Set
Wrench Set

Step 1: Remove the factory bumper or bumperettes. On 97-06 Models you need to remove the plastic end guards first. (Figure 1,2)



(Figure 1)



(Figure 2)

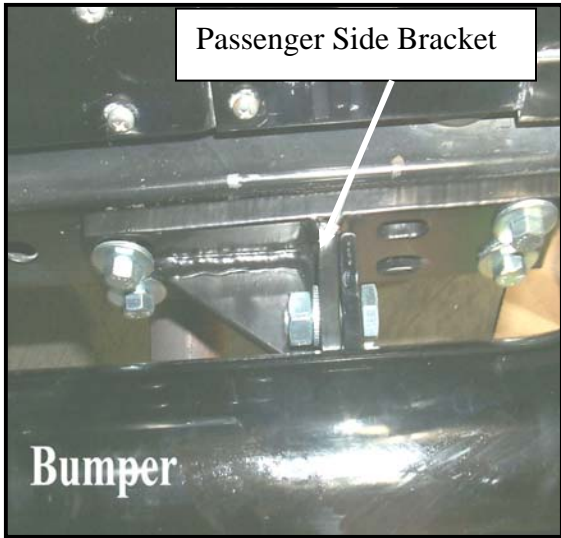
Step 2: Locate the driver and passenger side mounting brackets. On 1987-95 models all four holes will lineup with the holes on the vehicle frame.(Figure3) Proceed to Step 5. On 97-06 models only the outer two holes will line up. The inner two holes will need to be drilled. (Figure 4) Continue to the next step.

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

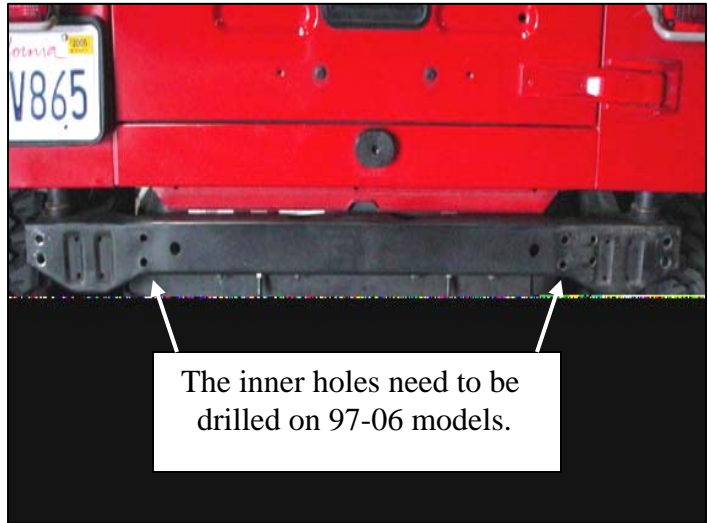
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(Figure 3)



(Figure 4)

Step 3: Temporarily attach the hitch to the vehicle frame by installing (1) 10mm bolt (2) 10 mm flat washers, (1) 10mm lock washer, and (1) 10mm nut in each of the two outer holes on both brackets. Now, using the brackets as a template mark the two inner holes on the vehicle frame. Now remove the brackets from the frame. (Figure 5,6)



(Figure 5)



(Figure 6)

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- Step 4:** Drill the locations that you just marked to 1/2". It is recommended to use a pilot hole 3/16" first.
CAUTION: Be very cautious in this step. The vehicles fuel take is located behind the frame. Check for any other hazards or obstructions also.
- Step 5:** Using (1) 10mm bolt, (2) 10mm flat washers, (1) 10mm lock washer, and (1) 10mm nut at each of the four hole locations re-install the brackets on the frame. Do not tighten completely at this time.
- Step 6:** Position the Bumper up on the brackets. You can adjust the brackets on the vehicle from side to side so that they will be flush against the welded brackets on the bumper. (You can review Figure 3 again) Once you are satisfied with the position set the bumper to the side. You may tighten all of the bracket bolts at this time.
- Step 7:** Position the bumper back on the brackets. Determine which mounting holes you would like to use on bumpers brackets. These holes are designed to help lower or raise the height of your bumper for a better fit in relations to your spare tire or other accessories. Using (1) 12mm bolt, (2) 12mm flat washers, (1) 12mm lock washer and (1) 12mm nut at each of the four locations mount the bumper on the brackets.
- Step 8:** Tighten all bolts at this time. Installation is now complete. (Fig 7)



(Figure 7)

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NOTE: To protect your investment, wax this product after installing. Regular waxing is recommended. Do not use any type of polish/wax that contains abrasives that could damage the finish.

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 3 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 or to Smittybilt. Items returned to Smittybilt Automotive without an 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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