

**Rear Bumper Replacement W/  
 Tire Carrier**  
 Installation Instructions  
**94201**  
 Jeep Wrangler / Wrangler Unlimited 2007 - 2017



\*Shown with optional  
 Angled Tire Mount  
 Part # 94202

**\*Patent Pending Design\***

**94201 Components**

- 1) Rear Bumper
- 1) Tire Carrier Swingarm
- 1) Swingarm Stop Bracket
- 1) Adjustable Tire Carrier Assembly
- 1) Rear Door Plate
- 1) Lower 3rd Brakelight Bracket (3BBA)
- 1) Upper 3rd Brakelight Bracket (3BBB)
- 1) Bumper Mounting Bracket (Driver)
- 1) Bumper Mounting Bracket (Passenger)
- 2) Composite Sleeve Bearings (Tall)
- 1) Composite Sleeve Bearings (Short)
- 2) Tire Carrier Bump Pads
- 4) Heim Joint Ends
- 2) Plastic plugs
- 1) 94201 Hardware Kit

**94201 Hardware Kit Contents**

- 6) 1/2" - 13 x 1 1/2" Hex Bolts (Gr. 8)
- 10) 1/2" Flat Washers
- 6) 1/2" Lock Washers
- 4) 1/2" Nylon Locking Nuts
- 4) 3/8" - 16 x 1 3/4" Socket Cap Screws (Black)
- 8) 3/8" Flat Washers (Black)
- 4) 3/8" Nylon Locking Nuts (Black)
- 2) 3/8" - 16 x 1 1/2" Hex Bolts
- 4) 3/8" Flat Washers
- 2) 3/8" Nylon Locking Nuts
- 2) 5/16" - 18 x 3/4" Hex Bolts
- 4) 5/16" Flat Washers
- 2) 5/16" Nylon Locking Nuts
- 4) 10 - 32 x 3/4" Buttonhead Machine Screws
- 4) 1/4" Flat Washers
- 4) 10 - 32 Nylon Locking Nuts



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**Note: Completely read instructions before beginning installation!**

1. Remove contents from the box and check for missing pieces or damage. If parts are missing or damaged, please contact the original place of purchase.
2. Remove the spare tire from the factory spare tire mount. Save lug nuts for later use.
3. Remove the 3rd brake light assembly from the 3rd brake light housing. Save hardware for later use. (See Fig. 1)
4. Unplug the 3rd brake light assembly and set aside. (See Fig. 2)
5. Remove factory spare tire mount from the tailgate by removing the 8 bolts from the perimeter of the mount. (See Fig. 3)
6. Install the rear door plate as shown in Fig. 4 (Step 1), utilizing the previously removed hardware.
7. Install 3BBA over the top 2 holes in the rear door plate and reinstall 2 factory bolts to secure the bracket. (See Fig. 4 Step 2)
8. Install the 2 remaining factory bolts back into their corresponding holes next to the passenger side of the rear door plate. (See Fig. 4 Step 3)
9. Bolt upper 3BBB to lower 3BBA using the (2) 5/16" - 18 x 3/4" bolts, (4) 5/16" flat washers, and the (2) 5/16" - 18 locknuts.
10. Plug in the 3rd brake light and route the wiring between the 3rd brake light assembly and the 3rd brake light brackets.
11. Mount the 3rd brake light assembly to the new 3rd brake light brackets using the previously removed hardware.
12. Remove the 4 bolts from the bumper brackets on the frame rails (2 on each frame rail). Save hardware for later use. (See Fig. 5)
13. Remove the 4 screws at the back of the rear inner fender wells that go into the bumper. (2 in each fender well)
14. Remove the 2 bolts from the rear cross member that secure the factory rear bumper brackets. Loosen the 2 top bolts and swing the brackets up above the rear cross member. (See Fig. 6)
15. Remove the trailer wiring plug from the factory bumper and remove the factory bumper.
16. Remove the rear tow hook from the frame. (See Fig. 7)
17. Insert the new rear bumper mounting brackets into the frame rails and line up the welded nuts of the brackets with the 2 oval holes on the outside of each frame rail (See Fig. 8) and loosely install the lower (1) 1/2" - 13 x 1 1/4" bolt, (1) 1/2" lock washer, and (1) 1/2" washer into each rear bracket (See Fig. 9) to make installation of the rear bumper easier. (See Fig. 9)



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18. Place the new rear bumper assembly onto the rear of the vehicle and install the 4 bolts previously removed in step #11 to hold the bumper in place.
19. Install the (4) 1/2" - 13 x 1 1/4" bolts, each with (1) 1/2" lock washer and (1) 1/2" flat washer through the bumper and frame rails and into the rear bumper mounting brackets. Adjust the bumper to level and tighten all mounting hardware. (See Fig. 10)
20. Place a supplied tall sleeve bearing onto the hinge pin on the rear bumper, then place the tire carrier swing arm onto the hinge pin. Insert the remaining tall sleeve bearing onto the top portion of the tire carrier sleeve (making sure that it is fully seated). (See Fig. 11)
21. Insert the short sleeve bearing into the pass through hole of the swing arm stop bracket. Then place the swing arm stop bracket over the hinge pin, and line up with the holes in the bumper. Install using the (2) 3/8" - 16 x 1 1/4" bolts with (2) 3/8" flat washers from the top side, and (2) 3/8" flat washers followed by the (2) 3/8" locknuts from underneath. Tighten hardware at this time. (See Fig. 12)
22. Assemble heim joints so that they are adequately threaded on both ends, so that both pieces are of equal length. \*A common starting length for these pieces is just under 6" from end to end\* (See Fig. 13)
23. Install heim joints loosely into their mounts on the rear door plate using (1) 3/8" - 16 x 1 3/4" socket head cap screw, (2) 3/8" flatwashers, and (1) 3/8" - 16 locking nut per piece as shown. (See Fig. 14)
24. Install the tire carrier bump pads on to the mounting tabs of the tire carrier swing arm using (2) 10 - 32 x 3/4", (2) 10 - 32 flat washers, and (2) 10 - 32 locking nuts. (See Fig. 15)
25. Bring the tire carrier swing arm towards the rear door plate and adjust the rear door plate as necessary until the tire carrier bump pads fit uniformly against the bump pad mating surfaces on the rear door plate. (See Fig. 16)
26. You may now attach the loose ends of the heim joint pieces to their mounts on the tire carrier swing arm using the remaining 3/8" hardware as used in step #24. Leave hardware loose at this time. (See Fig. 17)
27. Determine which of the sets of holes will be needed for your tire size and install the tire carrier on to the swing arm assembly using the (4) 1/2" - 13 Locknuts and (4) 1/2" flat washers. (See Fig. 18)
28. Mount the spare tire to the carrier using lug nuts from step #2 and tighten. Adjust the 3rd brake light assembly to a safe and proper height above the top of your spare tire and tighten. You may also re-attach the trailer wiring plug to the bumper cut-out if equipped.
29. Open and close the rear door, making sure that the pads are still making appropriate contact with the rear door plate. Adjust the heim joint pieces inward equally until you get a slight amount of tension when closing the rear door. Once satisfied you can tighten all remaining loose hardware to complete the installation.

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Fig. 1



Fig. 2



Fig. 3

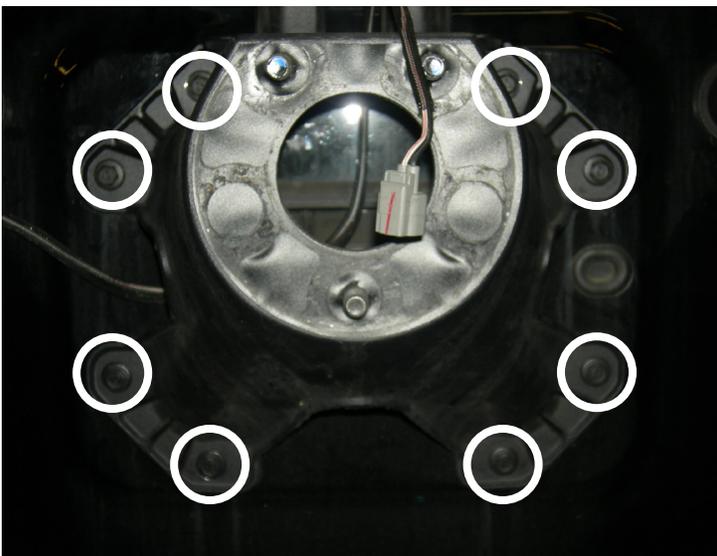
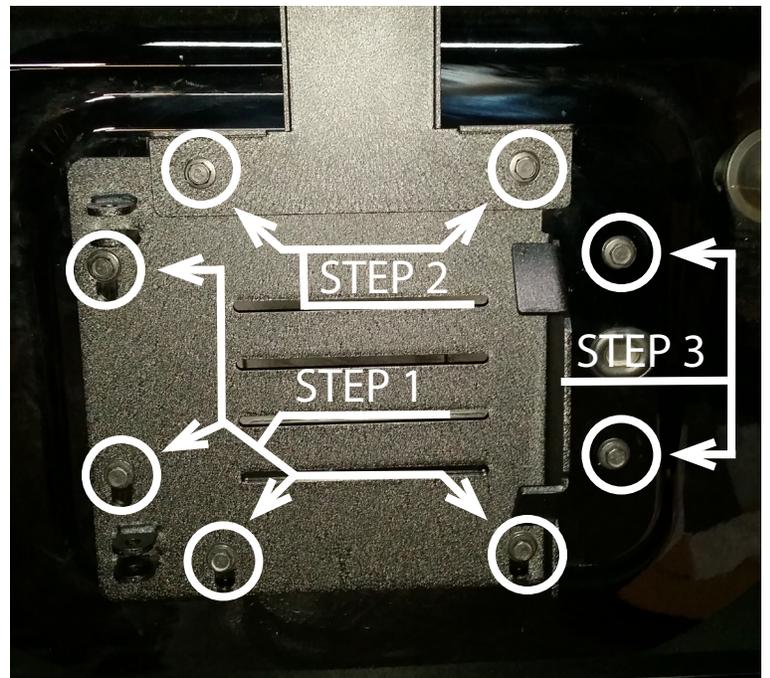


Fig. 4



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Fig. 5



Fig. 6



Fig. 7



Fig. 8



Fig. 9



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Fig. 10



Fig. 11



Fig. 12



Fig. 13



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Fig. 14



Fig. 15



Fig. 16



Fig. 17

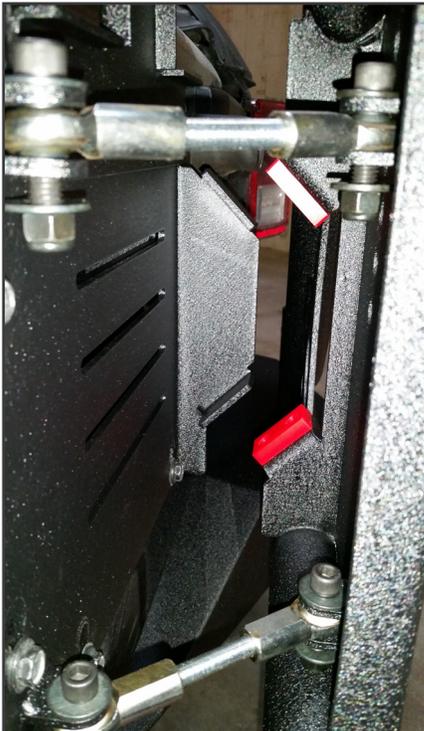
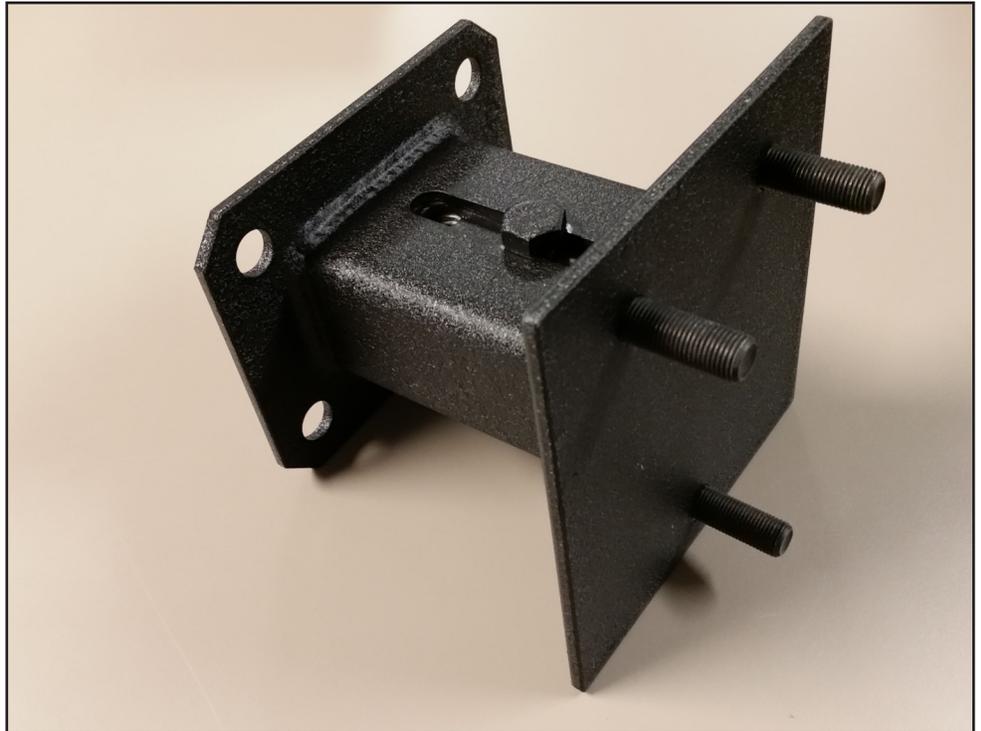


Fig. 18



**Note: Re-check all hardware for proper tightness upon completion and periodically inspect hardware and parts for signs of wear throughout the life of the product.**