



BUMP CUSHION ASSEMBLY REPLACEMENT INSTALLATION GUIDE FOR AIR & CUSHION RECEIVER HITCH



TOOLS REQUIRED:

-1-1/16" and 1-1/8" wrenches -Impact wrench with 1-1/8" & 1-1/16" sockets (or equivalent)

BUMP CUSHION REPLACEMENT - AIR BUMPER HITCH

DISASSEMBLY - REMOVING ORIGINAL BUMP CUSHION ASSEMBLY

-Start by loosening the jamnut from the top bolt using a 1-1/8" wrench on the bolt head and an impact wrench with a 1-1/16" socket (or equivalent) on the jamnut. Once loosened, pull the bolt, bump cushions, and washer apart from the main hitch frame. Set hardware aside for later installation.

REASSEMBLY - INSTALLING NEW BUMP CUSHION ASSEMBLY

-Assemble the bump cushion assembly by inserting the top bolt through the backside of the receiver shank and hitch frame, be sure to insert the bigger bump cushion between the receiver shank and main hitch frame, then slide the bolt through. Continue by sliding the smaller bump cushion over the bolt on the front side of the hitch frame, slide the washer over, add a small amount of thread lock to the jamnut, and finger thread the jamnut (see Figure 1 for reference).

-Finish by tightening the jamnut using a 1-1/8" wrench on the bolt head and an impact wrench with a 1-1/16" socket (or equivalent) and tighten until there are 2-3 threads of the bolt showing the other side (see Figure 2).

-IMPORTANT: DO NOT over tighten the jamnut on the bump cushion assembly past 2-3 threads, this can prevent the hitch from pivoting and prevent the hitch from functioning properly.

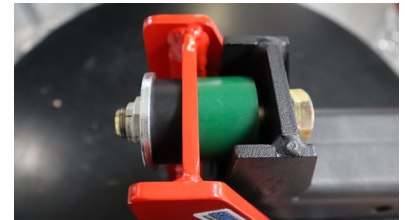


Figure 1: Order of the bump cushions for reassembly (HD hitches, the bigger bump cushion is black in color)



Figure 2: Tighten the jamnut until ONLY 2-3 threads of the top bolt are showing through the jamnut

BUMP CUSHION REPLACEMENT - IMPACT CUSHION BUMPER HITCH

DISASSEMBLY - REMOVING ORIGINAL BUMP CUSHION ASSEMBLY

-Start by loosening the rear nut from the top bolt using a 1-1/8" wrench on the bolt head and an impact wrench with a 1-1/8" socket (or equivalent) on the nut. Once loosened, pull the bolt, cap, and bump cushions apart from the main hitch frame, set hardware aside for later installation.

REASSEMBLY - INSTALLING NEW BUMP CUSHION ASSEMBLY

-Assemble the bump cushion assembly by inserting the smaller bump cushion into the cap and inserting the top bolt through the smaller bump cushion and cap. Continue by inserting the bigger bump cushion between the receiver shank and main hitch frame, then slide the bolt with the preassembled smaller bump cushion and cap through the front of the hitch frame and bigger bump cushion, add a small amount of thread lock to the rear nut, then finger thread the rear nut onto the bolt (see Figure 3 for reference).

-Finish by tightening the jamnut using a 1-1/8" wrench on the bolt head and an impact wrench with a 1-1/8" (or equivalent) socket and tighten until it is showing 1-2 threads past the nut (see Figure 4). NOTE: The receiver shank frame should be perpendicular with the hitch frame.

-IMPORTANT: DO NOT over tighten the nut on the bump cushion assembly, this can prevent the hitch from pivoting and prevent it from functioning properly.

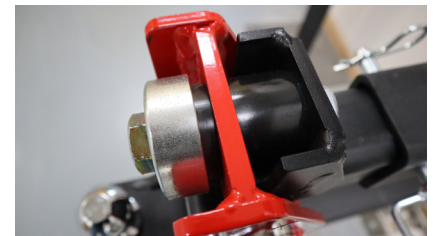


Figure 3: Order of the bump cushions for reassembly (for Impact Max, the bigger bump cushion is red in color)



Figure 4: Tighten the top bolt nut until it is showing 1-2 threads past the nut

THANK YOU FOR CHOOSING SHOCKER HITCH AIR RIDE TOWING HITCHES

Shocker Hitch: Safer Smoother Towing - 2801 3RD AVE SW, JAMESTOWN ND, 58401 - (701)-707-2666

-Email: service@shockerhitch.com -Website: www.shockerhitch.com -Installation Videos on [Shocker Hitch](#) YouTube Channel