

QUICK AIR 5TH WHEEL PIN BOX INSTALLATION GUIDE

Patent #'s 11,370,257 B1 & D898,628 - More patents pending



TOOLS REQUIRED: 15/16" wrench and impact wrench with 15/16" socket

PIN BOX INSTALLATION

-On a level surface, take a measurement of your current pin box from the flat plate to the ground and make note as this will be applied to the Shocker Hitch Quick Air system.

-Unbolt your existing 5th wheel pin box with a 15/16" wrench and impact with a 15/16" socket from your camper/trailer and any brake cables. With assistance, remove your 5th wheel pin box and set it aside and/or put it away in storage (see Figure 1).

-With assistance, slide the Quick Air pin box into the camper/trailer's pin box bracket. Once lined up in the correct adjustment holes of the brackets, use the previous pin box's hardware to install the Quick Air pin box (see Figure 2). Before sliding the Quick Air pin box in place, is recommended to use spray grease/lubricant on the pin box brackets to assist installation.

-NOTES: Some applications may require spacers for the QuickAir pin box to fit properly. Torque to 120 FT pounds.

-**IMPORTANT:** DO NOT overtighten the pin box bolts as this can lead to premature wear and possible failure in the pin box. It is highly recommended to use additional washers on the backside of the pin box bolts.

SHOCKER HITCH UNIT INSTALLATION

-The top side of the hitch unit has stud like bolts sticking out from the top of the frame, with assistance, insert these "studs" through the pin box and start to thread the provided washers and nuts hand tight (see Figure 3).

-With assistance, take the provided washers and bolts and hand thread the bottom side of the hitch unit to the pin box by hand (see Figure 4) and finish tightening with a impact wrench with a 15/16" socket.

-**IMPORTANT:** DO NOT overtighten the bolts or nuts to prevent any stripping or cross threading.

HOOKING UP TO 5TH WHEEL HITCH

-Hook up using 5th wheel hitch like normal, it is recommended to use a 5th wheel scuff plate or to grease the 5th wheel head before hook up, this helps the hitch rotate and prevents any premature damage.

-**IMPORTANT:** Always double check that the 5th wheel head latched correctly and that any safety pins or brake lines get re-installed for safety.

SETTING AIR PRESSURE

-There is air valve on the underside of the Shocker Hitch unit (see Figure 5). Initially set air pressure to around 15 PSI. Test drive and adjust air pressure in 5 PSI increments until optimum results are found. Decreasing/increasing air pressure may be needed. When towing in high winds, it may be necessary to increase the airbag air pressure

-**IMPORTANT:** NEVER exceed 100 PSI in the air bag, this may lead to a stiffer ride and damage the air bag itself.

MAINTENANCE

-On the top of the pin box, there is a hole exposing the top frame of the Shocker Hitch unit. There is a grease fitting in which you can grease the pivot bolt as needed (see Figure 6). It is recommended to do this every 6-12 months depending on the usage of the hitch. Note that you CANNOT over grease the pivot pin.

SAFETY NOTICE

-Towing capacity is limited by lowest rated component. Do NOT exceed Gross Vehicle Weight Rating or Shocker Hitch weight ratings. The Quick Air pin box is ONLY rated for 24,000 LBS GTW and 6,000 LBS TW. Any modification to the hitch or pin box voids warranty and is done so at your own risk. Manufactured by Shocker Hitch® USA in Jamestown, ND.

ADDITIONAL INFORMATION

-Use your cell phone to scan the QR codes below for additional setup guides, air pressure guides, warranty registration, and our Shocker Hitch YouTube channel.



Set up guides



Air pressure guides



Warranty registration



YouTube channel



Figure 1: Loosen pin box bolts & nuts and remove original pin box



Figure 2: Line up Quick Air pin box and install with original hardware



Figure 3: Line up Shocker Hitch unit with pin box & thread provided topside hardware by hand



Figure 4: Thread provided bottom side hardware by hand & tighten with impact wrench with 5/8" socket



Figure 5: Adjust the air pressure of the Shocker Hitch unit using the air valve located on the bottom side



Figure 6: Grease fitting located on the top of the Quick Air pin box once Shocker Hitch is installed