SHOCKER HITCH
AIR RIDE TOWING HITCHES
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QUICK AIR® 5TH WHEEL TO GOOSENECK CONVERSION KIT & SAFETY CHAIN INSTALLATION GUIDE

TOOLS REQUIRED

•15/16" wrench •Impact wrench with 15/16" socket (or equivalent)

PIN BOX INSTALLATION

•On a level surface, take a measurement of your vehicles bed floor to the ground and make note as this will be applied to the Shocker Hitch Quick Air system. You will want to take the measurement noted and match it to the bottom of the Gooseneck Surge coupler for optimal operating height.

•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 Figures 1 & 2).

•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 3). 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 Quick Air pin box to fit properly. Torque to 120 FT pounds, please note that some pin box frames may required a different torque, refer to the manufacturer's recommendations.

•IMPORTANT: DO NOT over tighten 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.

Figure 1: Unbolt your existing 5th wheel pin box

Figure 2: Remove your existing pin box and set aside

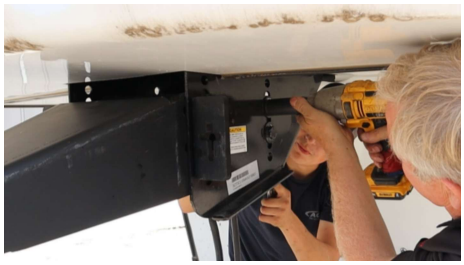

Figure 3: Line up Quick Air® pin box & install with original hardware

SAFETY CHAIN INSTALLATION - ALWAYS USE SAFETY CHAINS WITH GOOSENECKS AS IT IS REQUIRED BY LAW

NEW STYLE (2024-NEWER)

•Take the "open end" of chain and feed it through the cross cut out to desired length.

•Insert provided bolt and nut and tighten it on the "top" or "shorter" end of the cross cut out on the pin box (see Figure 4)

OLD STYLE (2023-OLDER)

•Take provided chain brackets and install them using the existing pin box hardware (see Figure 5)

•Take the "open end" of chain and feed it through the cross cut out to desired length.

•Insert provided bolt and nut and tighten it on the "top" or "shorter" end of the cross cut out on the pin box (see Figure 6)

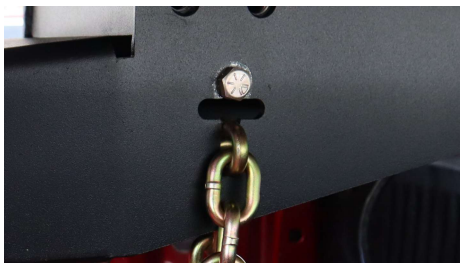

Figure 4: Chain kit installed correctly

Figure 5: Install safety chain bracket onto pin box frame

Figure 6: Chain kit installed correctly on bracket

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GOOSENECK SURGE® INSTALLATION

-With assistance, take the Shocker Hitch, insert it into the outer tube of the Quick Air® pin box to desired height (see Figure 7), install safety pin, make sure hitch is straight with the trailer and torque set bolt to 125 ft. lbs. Please note the air bag faces toward the rear of the trailer (see Figure 8). Before hooking up to your towing vehicle, be sure to lubricate the gooseneck coupler and gooseneck ball in your bed. For proper usage of the coupler, please refer to "HOW TO USE COUPLER" section.

Figure 7: Insert Shocker Hitch into the outer tube of the pin box

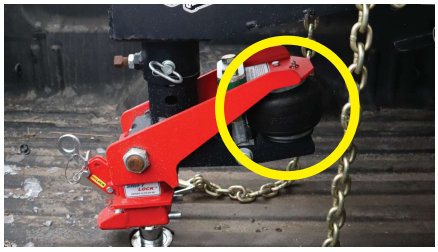

Figure 8: Air bag faces towards the rear of the trailer - toward tailgate

HOW TO USE COUPLER

SHIFT LOCK® COUPLER

-Move handle to unlocked position, lower trailer onto ball (see Figure 9). Lock coupler by moving Shift Lock® handle forward. The u-bolt should stick out 1" from the coupler rear when locked (see Figure 10). If you do NOT see this, repeat until u-bolt is visible from rear of coupler. Insert optional safety pin and optional manual lock (see Figure 11).

-To release coupler from ball, remove safety pin on Shift Lock® handle and slide handle "backward", re-install safety pin and crank trailer up off ball.

Figure 9: Lower hitch onto gooseneck ball

Figure 10: Move Shift Lock® handle until 1" of u-bolt is showing on rear

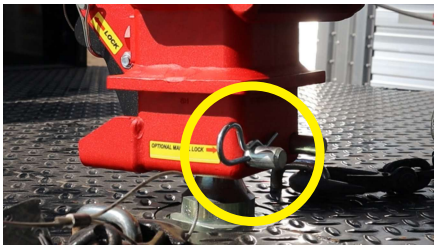

Figure 11: Safety clip the Shift Lock® handle and insert manual lock pin

EZ LATCH DEMCO COUPLER

-Lower trailer onto ball, as you lower, the EZ Latch handle will begin to lift. The coupler will fully lock when the EZ Latch handle "snaps" back into it's original position

-To release coupler from ball, lift handle "upward" where it will rest and crank trailer up off ball. Flip handle back down when ready for next hook-up.

SETTING AIR PRESSURE

-Initially set air pressure to around 15 PSI. Test driver 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 air bag air pressure.

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

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