

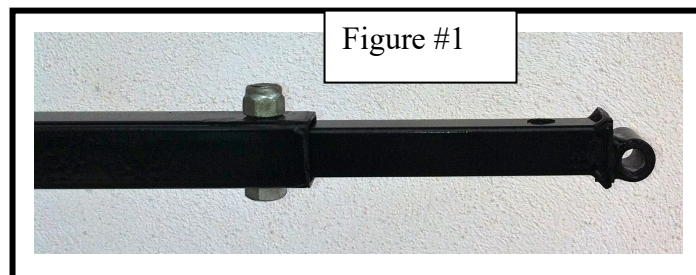
# Winfield RV Products

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## Scissor Jack Cross Brace Installation Instructions

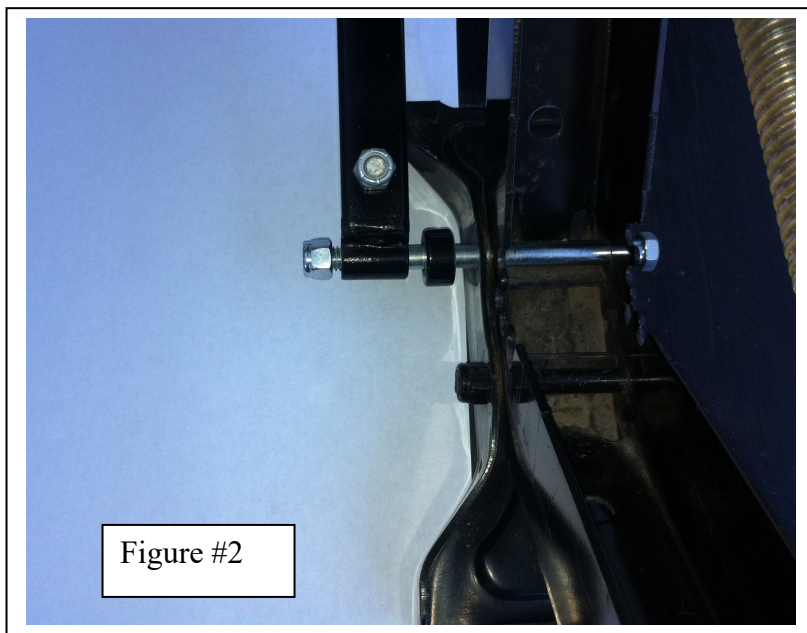
Prior to installation, verify your scissor jack alignment. Your scissor Jacks must be installed straight across from each other with a 90-degree angle to the frame. If they are offset they must be moved to a location where they can be straight across from each other with a 90-degree angle to the frame. Verify that there are no obstructions between the jacks, such as a spare tire, generator exhaust, propane, water or sewer piping hanging down below the frame to prevent the scissor jacks from retracting with the cross braces. With the scissor jacks retracted the cross braces will hang 1 ½ " below the frame.

1. Lower the scissor jacks so that they barely come in contact with the ground. Do not apply any tension. If you apply tension it will make it difficult to remove and replace the bolts.
2. Measure the distance between the scissor jacks. At the top of the scissor jacks where they attach to the frame or RV, measure the distance from the center of one scissor jack to the center of the other scissor jack. If the measurement is less than 72" continue to step 4 and disregard step 3. If the measurement is greater than 72 " the cross brace must be extended as described in step 3.
3. On fifth wheels or travel trailers where the distance between the scissor jacks is wider than 72", the cross Braces must be extended to compensate for a wider install. If this applies to your RV, remove the bolt and nut at the end of the smaller tube. Extend the tube by pulling the end of the rod out 5". Reinsert and tighten the bolt and nut as shown in **figure 1**.

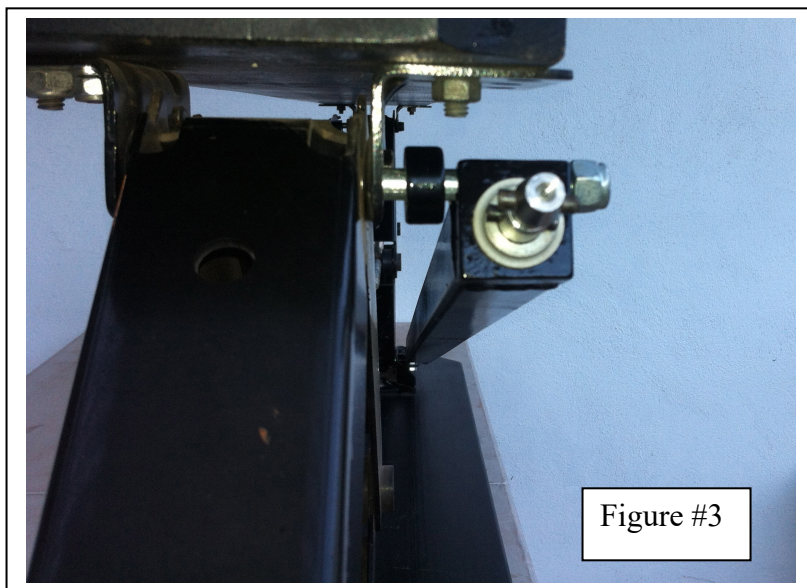


4. Assemble the Cross Brace sections. Insert the inner square tube into the outer square tube. On the larger outer square tube the mounting hole should be up. On the smaller tube the mounting hole should be positioned down. Twist the tensioning rod to insure that the inner tube is seated all the way into the outer tube. If it is properly seated the inner tube will expand when the tensioning rod is turned clockwise. Once seated, rotate the tensioning rod counter clockwise until it stops and the cross brace is at its shortest length.

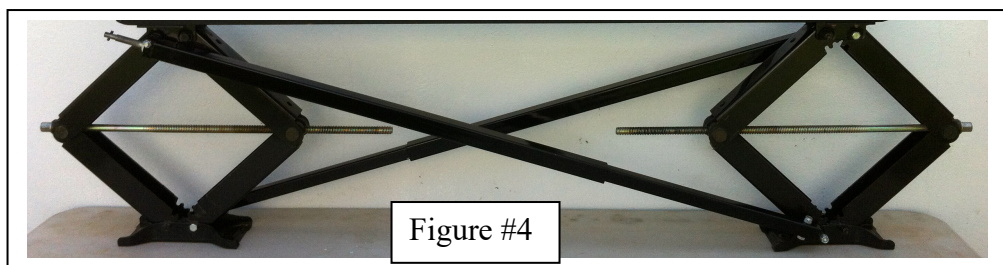
5. On one side of the RV, remove the **INNER** bolt at the bottom of the jacks that holds the lower assembly and jack foot. Replace the scissor jack bolt with the provided 3/8" x 4 1/2" bolt. Insert the bolt into the scissor jacks from the right side of the jack. Place the spacer on the bolt and slide the small end of the Cross Brace onto the bolt as shown in **fig.2**. Make sure that the Cross Brace is installed on the left side of the jack as shown. Tighten the nut and bolt until all of the slack is out of the bolt. **Do Not Over Tighten**. If you over tighten the bolt, the jack will not retract smoothly.



6. Remove the **OUTER** bolt at the top of the scissor jack assembly. Replace the scissor jack bolt with the provided 3/8" x 5" bolt. Insert the bolt into the scissor jacks from the Left side of the jack. Place the spacer on the bolt and slide the large end of the Cross Brace onto the bolt as shown in **fig.3**. Make sure that the Cross Brace is installed on the right side of the jack as shown. Tighten the nut and bolt until all of the slack is out of the bolt. **Do Not Over Tighten**. If you over tighten the bolt, the jack will not retract smoothly.



7. Repeat steps 5 & 6 on the opposite side of the RV. Once completed the Cross Braces should look like Fig. 4.



8. Retract both scissor jacks to ensure they come all the way up. With both jacks fully retracted rotate the tensioning rod on both cross braces clockwise until you feel slight resistance. Your Cross braces are now adjusted for your RV.

**Installation is complete. If you have any questions please call 858 435-0720.**

## **Proper use**

### **Tensioning**

1. Lower your scissor jacks to the ground and tension them as usual. Make sure the jacks are bearing the weight of the RV.
2. Tension your cross braces by inserting the tensioning handle onto the tensioning rod. Rotate the tensioning handle **clockwise**, until you feel it begin to tension. Continue to rotate the handle counter clockwise another  $\frac{1}{4}$  to  $\frac{1}{2}$  a turn and stop. **Do Not Over Tension** or you will spread the bottom of the jacks. Count the turns needed to tension the braces. This will vary depending on terrain. Make note of the number of turns, because you will need to remember this number when you retract the scissor jacks. Repeat this procedure on both scissor jacks.

**Now enjoy a more stable relationship with your RV!**

### **Un-tensioning**

1. To un-tension the braces and retract the scissor jacks, insert the tensioning handle on the tensioning rod. Rotate the handle counter clockwise the same number of turns you needed to tension the rods. If you don't recall the number of turns, approximately 15-20 should work. Repeat this step on both scissor jacks.
2. Retract your scissor jacks as usual.