CORRECT TRACK II

Bolt-on System

By Rieco Titan
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Benefits:

1. Align axles to kingpin or coupler.
2. Will spread axles for more clearance between tires.
3. Increases tire life.
4. Help reduce tire sidewall heating.
5. Adjusts up to 1 ½ inches front to back.
6. Increases fuel mileage by not dragging misaligned tires.
7. Helps keep trailer straight when braking.

<u>*READ ALL INSTRUCTIONS BEFORE STARTING INSTALLATION.</u>

Installation:

1. Disconnect Battery and LP gas.
2. Level trailer front-to-back using only the front jacks. Then measure from the center of kingpin or coupler to each axle U-bolt plate on left and right sides.
   -This can be done using a plumb line to mark a spot on the ground and measuring up to the axle plate.
3. Record these measurements for future use. **(Record measurements in the area provided on last page.)** Some trailers weigh more on different sides, allowing the springs to spread apart, and causing them to become misaligned.
4. Measure from the right front axle plate to the right rear axle plate. Record the measurement. Do the same for the left side.
5. Check measurements for misalignment.
6. Support the trailer with jack stands on all four corners.
7. Block tires on one side of the trailer.
8. Remove the wheels on the other side. Using jacks to support the axles, remove the spring bolts from the hangers.
9. We strongly suggest replacing all the inserts (if you have them) in the springs and the equalizer.

Installing Correct Track II Hanger Plates

Hanger Preparation

1. With bolts removed from hangers, use the jacks to lower the axles about 2 inches.
2. Place a CT II hanger plate on the outside of one of the hangers. Align the center hole with the bottom hole of the hanger. Place a 9/16 x 4" bolt though the plate and hanger.
3. Make sure the sides of the hanger and CT II plate are aligned.
4. Clamp the pieces together, making sure not to cover the slot in the plate.
5. Use a ½ inch drill to spot a hole. Go through the horizontal ½ x 1 5/8 slotted area, into the hanger**. (Try to place the hole as high up as possible without braking into another hole.)**
6. Use a ¼" drill bit to finish drilling through the spot in the ONE SIDE of the hanger.
7. Do the same to the backside of the hanger. (Steps 2-6)
8. Repeat steps 2-7 on the remaining hangers.
9. Drill open all the ¼" drilled holes to ½ inch. You may step directly up to a ½ inch drill; or if you find it easier, use a 3/8" bit prior to the ½" finished size.

Installation

1. Place CT II Spring Hanger Plates on the outsides of the spring hanger. **(These are the plates with two slots in them, one horizontal and one vertical.)** Align the center hole with the bottom hole of the hanger. Place a 9/16 x 4 bolt though the plate, spacer, and hanger. (Use the 3 x 3 x 1-7/8 spacer in the center of the hanger.) Install a nut on the backside and snug it up.
2. Use a ½-20 x 3½ bolt to go through the slot, hanger spacer, and drilled hanger holes. Install a nut on the backside and snug it up.
3. Repeat steps 1& 2 on the other spring hanger, or hangers.
4. Equalizer/Center Hangers Plates have two holes and one horizontal slot. Install these the same as the Spring Plates.
5. Tighten all installed bolts up to this point.
6. Use jacks to raise axle in order to bring the spring eye back into the hanger area.
7. Start with the equalizer hanger. Place two spring shim washers on either side of the equalizer and between the CT II plates. Bolt together, using a 9/16" bolt and nut. Tighten the nut until there is about 1/16" of play between the two Correct Track plates and the spring. (The spacers should spin freely on the bolt.)
8. Next start on front spring hanger. Place 2 spring shim washers on either side of the spring and between the CT II plates. (You may have to place 3 on one side and 1 on the other to prevent binding.)

9. Place an octagon cam over a 9/16" bolt. The cam should hang down with the hole being in the center, from left to right. Thread the bolt through the plates, shims, and spring. Place a second octagon cam on the back end. Just start the nut so the assembly doesn't fall apart. **(Octagons are used ONLY on Spring Hangers)** Make sure the cams are seated and locked between their side rails.
10. Repeat steps 8 & 9 on remaining spring hanger(s).
11. Using the measurements recorded on paper, determine how much adjustment is needed on each of the axles. Each notch of the octagon when turned equals ¼" of an inch of adjustment.
12. Make adjustments as needed on each of the spring hangers
13. Tighten the nuts until there is about 1/16 inch of play between the Correct Track plates and the spring. (The spacers should spin freely on the bolt.)
14. Verify that all nuts and bolts are tightened properly.
15. Reinstall wheels.
16. Repeat instructions for the second side of the trailer.

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Verify Alignment

1. Level trailer front to back using only the front jacks. Then measure from the center of kingpin or coupler to each axle U-bolt plate on left and right sides.
   -This can be done using a plumb line to mark a spot on the ground and measuring up to the axle plate.
   - Record these measurements for future use. **(Record measurements in the area provided on last page.)**

2. Measure from the right front axle plate to the right rear axle plate. Record the measurement.
3. Do the same for the left side.
4. Check measurements for misalignment.

********** ***ALIGNING YOUR AXLES*** **********

1.Release pressure on cam bolt by jacking up the frame. Stop just before the tire is lifted off the ground.
2. Remove nut from backside of cam bolt.
3. Tap end of bolt until the cam clears the locking tabs.
4. Rotate cam to get desired movement of axle. The jack may have to be adjusted up or down in order to get the cam aligned with the locking tabs on the hanger.

Record Measurements for future references.

1. Kingpin or coupler to front right axle with weight on axles. _____
2. Kingpin or coupler to front left axle with weight on axles. _____
3. Front axle to rear axle right side with weight on axles. _____
4. Front axle to rear axle left side with weight on axles. _____

Measurements of new Correct Track II System

5. Kingpin or coupler to front right axle with weight on axles. _____
6. Kingpin or coupler to front left axle with weight on axles. _____
7. Front axle to rear axle right side with weight on axles. _____
8. Front axle to rear axle left side with weight on axles. _____

For technical help call Sonny @ 574-370-4515 or 866-403-9803