

Correct Track II

Bolt-on System

Benefits:

1. Aligns 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" front to back, in 1/4" increments.
6. Increases fuel mileage by not dragging misaligned tires.
7. Helps keep trailer straight when braking.

Read all instructions before starting installation.

Installation:

1. Disconnect Battery and LP gas.
2. Level trailer front-to-back using only the front jacks. Use plumb bob or laser tool. Then measure from the center of kingpin or coupler to each tire at center of tread 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 center of tires.
3. Record these measurements for future use. (**Record measurements in the areas provided.**) 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 outside hub to the right rear outside hub. **Record the measurement.** Do the same for the left side.
5. Check measurements for misalignment.
6. Support the trailer with jack stands on front corners and at the rear behind the spring hangers.
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 bushings with NeverFail Bushings in the springs and the equalizer at this time. Also, if the shackle holes or equalizer/center hanger holes show any signs of wear, replace them now too, we recommend replacing with Equa-Flex or Center Point Air Ride.

Parts List

- 12 - hanger plates with side rails welded on one side
- 4 - plates have two 9/16" holes and one 9/16" x 1 5/8" vertical slot (these are for the Equalizer/Center hanger)
- 8 - plates have two 9/16" holes and one 9/16" x 1 5/8" vertical slot on top of the plate and one 9/16" x 1 5/8" horizontal slot on bottom of the plate (these are for the spring hangers?)
- 6 - 2 x 3 x 1 7/8" spacers
- 6 - 9/16" - 20 x 3 1/2" bolts
- 12 - 9/16" x 4" bolts
- 18 - 9/16" locking nuts
- 12 - 9/16" washers for use behind the locking nuts
- 8 - Correct Track cams (octagon shape) with one 9/16" hole (gold zinc)

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 through 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 9/16" drill to spot a hole. Go through the vertical 9/16" 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 1/4" 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). Do not try to drill the pilot hole in the backside of the hanger by using the front hole as guide. These holes must be perfectly aligned or else the plates will not fit properly.
8. Repeat steps 2-7 for the remaining spring hangers and the equalizer/center hanger.
9. Drill open all the 1/4" drilled holes to 9/16". You may step directly up to a 9/16" drill; or if you find it easier, use a 3/8" bit prior to the 9/16" 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 9/16" x 1 5/8" horizontal and one 9/16" x 1 5/8" vertical.) Insert the 2 x 3 x 1 7/8" spacer in the center of the hanger. Align the center hole of the plate with the bottom hole of the hanger and insert a 9/16" x 4" bolt through the plate, spacer, and hanger. Install a nut on the backside and snug it up.
2. Use a 9/16"-20 x 3 1/2" 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 vertical 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. Bolt together, using a 9/16" bolt, washer and nut. Tighten the nut until there is about 1/16" of play between the two Correct Track plates and the spring.
8. 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 side of the plate. 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. This is done by slowly raising and/or lowering the axle and /or the trailer frame to move the cam into position.
9. Repeat step 8 on remaining spring hanger(s).
10. 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 1/4" of an inch of adjustment.
11. Make adjustments as needed on each of the spring hangers



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12. Tighten the nuts until there is about $\frac{1}{16}$ " of play between the Correct Track plates and the spring.
13. Verify that all nuts and bolts are tightened properly.
14. Reinstall wheels.
15. Repeat instructions for the second side of the trailer.

Verify Alignment.

1. Level trailer front to back using only the front jacks. Then measure from the center of kingpin or coupler to each center of tire tread making sure you measure the same area on both tires 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 center of tread, up, down and sideways. **(Record measurements in the areas provided.)**
2. Measure from the right front outside hub to the right rear hub. **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 574-312-6654, sdismuke@LCI1.com

A 9/16" drill bit can be purchased at:

Sears: Craftsman Model 66050 \$14.99

Home Depot: Model 48-89-2740 \$14.97

Menards: Model 2420646 \$7.99

Grainger: Model 46M62 \$19.70

Kornwell Tools: SKU UG 322036 \$12.86

The Mobile Outfitters: PN# 284400 \$14.99 plus shipping



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