

Forest River Recall: #16V579

Preparation

NOTE: Use all new hardware that is provided with the kit (part number 425750). This kit will add approximately 1.88" of lift on your trailer.

1. Support the trailer with jack stands on front corners and at the rear behind the spring hangers.
2. Block tires on one side of the trailer.
3. Remove the wheel on the other side. Using jacks to support the axle, remove the spring bolts from the hangers.
4. With spring bolts removed from hangers, use jacks to lower the axle about 2 inches.
5. Place a hanger plate on the outside of one of the hangers. Align the center hole with the bottom hole of the hanger (Fig. 1).

CAUTION

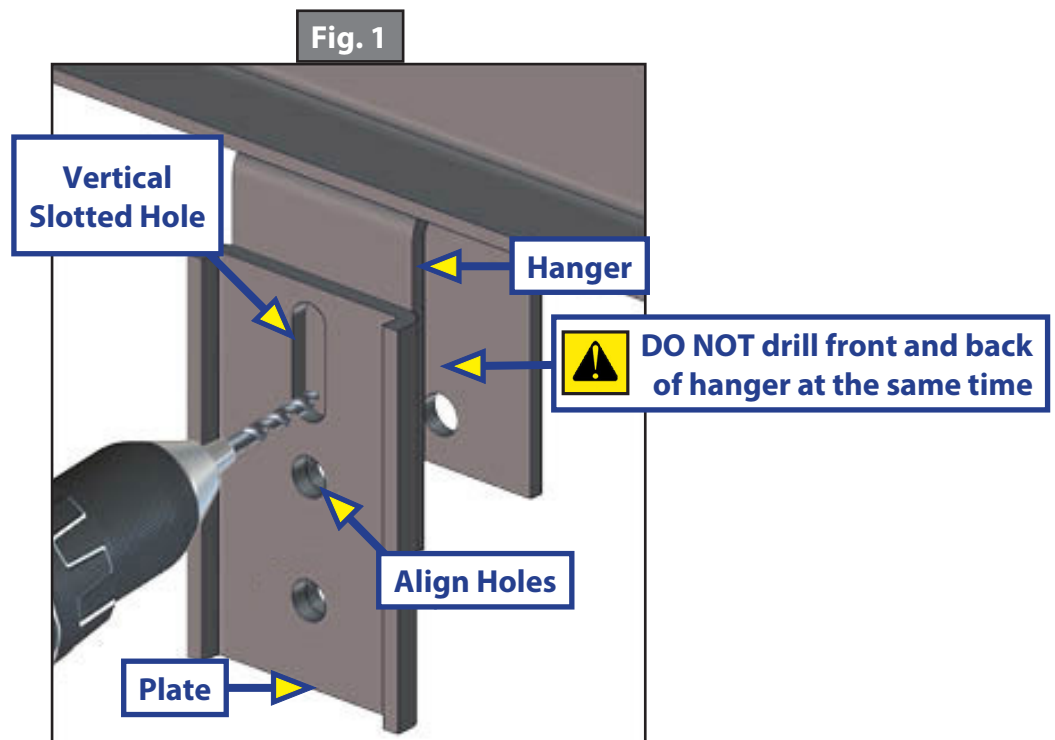
Failure to clamp the plate to the hanger may allow the plate to move or rotate during the drilling procedure. This movement may cause personal injury or property damage.

6. Make sure the sides of the hanger and plate are aligned (using a 12" level to ensure accuracy) and clamp the plate to the hanger.
7. Use a 1/4" drill bit to drill a pilot hole. Go through the vertical 9/16" x 1 5/8" slotted area into the hanger (Fig.1). The hole must be oriented so the bolt inserted later will set against the bottom of the vertical slotted hole.
8. Repeat steps 5-7 on the other side of the hanger.

CAUTION

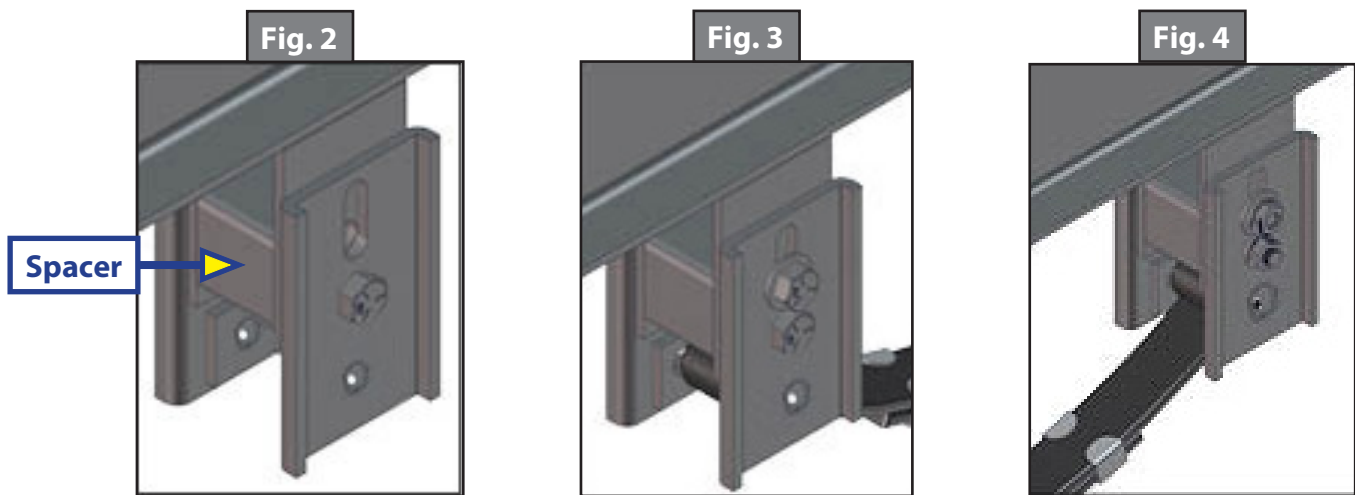
Do not attempt to drill the pilot hole in the backside of the hanger by using the front hole as a guide. These holes MUST be perfectly aligned or the plates will not fit properly.

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.
10. Once you have completed the preparation on one side, repeat steps 2-10 for the opposite side of the trailer.



Installation

1. Place spring hanger plates on the outside of the spring hanger. Insert the 2" x 3" x 2" 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 with place washer through the plate, spacer and hanger (Fig.2). Install a nut and place washer on the backside of the plate.
2. Use a 9/16" x 4" bolt and a washer to go through the upper slot, hanger spacer and drilled hanger holes. Install a nut and washer on the backside and snug up (Figs.3, 4).
3. Repeat steps 1 and 2 on the remaining outside hanger.
4. Use jacks to raise the axle in order to bring the spring eye back into the hanger area.
5. Bolt the assembly together using a 9/16" x 3.32" bolt and a nut. Tighten the nut to a minimum of 30 ft-lbs of torque, up to a maximum of 50 ft-lbs of torque.
6. Repeat step 5 on remaining spring hanger(s).



The sequence that the components are installed in is not critical and should suit the production flow of the manufacturer. However, it is important to note that these components are attached to the vehicle frame in the proper manner.

NOTE: The nuts should not be used to "pull" the shackle bolt into the hanger. Instead, the bolt should be driven into the hanger using a hammer. This will fully seat the serrations of the bolt into the hanger hole and provide maximum resistance to rotation during service.

NOTE: Shackle bolts that are free to rotate will drastically limit the service life of the hangers. Over tightening the nuts can lead to fastener failure. The torque specifications for the 7/16"-20 hex locknut used on the shouldered shackle bolts, is 30-50 ft lbs.

