



Setting Instructions for Six-Directional Systems

Locating placement of roller points

Consult the manufacturers set-up guide to help determine the placement of rolling and jacking points. Our general recommendation are as follows:

- a) Homes under 55 feet in length can be set with a 3 point system. The two rear points of the jacking system are positioned in between the axles if possible, or right behind the last axle. The front point is placed under the hitch jack on the tongue of the home.
- b) Homes under 70 feet long should be set with a 4 point system. The front two points are generally positioned 8 to 10 feet back from the front of the home. The two rear points of the jacking system are positioned in between the axles if possible, or right behind the last axle.
- c) Homes over 70 feet long should be set with a 5 point system. Two points are placed directly in front of the axles, with the other 2 main points directly behind the axles. The front point is placed under the hitch jack on the tongue of the home.
- d) A truck with a 6 way hitch can also be used as the support for the tongue of the home in place of a front roller point under the hitch jack.

Setting up the roller system

1. Rolling channel placement and operation.

- a) Place provided end bolts in both ends of each rolling channel. Do not over tighten, and this can cause the channel to bow.
- b) Unless the rolling channel is being placed on hard, flat, level surface (concrete or asphalt) a 2 x 10 wood plank or other similar support should be used under the channel along the whole length. The support should be adequate enough to not allow the rolling channel to bend in the middle or settle at the ends.
- c) The rolling channel should be set up as level as possible.
- d) Rolling channels should be set at a 90 degree angle from the frame of the home, and as close to parallel as possible with the other channels in the system. The top rollers will help to alleviate any side pressure caused by a slight misalignment.

2. Bottom roller/dolly guide assembly placement.

- a) The bottom roller and dolly guide are bolted together as an assembly for convenience when purchased together.
- b) The bottom roller /dolly guide assembly is placed in one end of the rolling channel directly under the frame of the home to achieve maximum sideways movement when the home is moved.
- c) The roller/guide assembly should be placed so that when the jack is slid into the bracket, the jack pump handle faces toward the outside of the home.

3. Hydraulic jack and jack head plate placement and operation.

- a) In order to use the hydraulic bottle jack with the roller system, it is necessary to remove the head screw. We have modified the jack head to be removable so that this is possible. Hold down the base of the jack and pull on the head screw. It may take a substantial pull to free it.
- b) Slide the jack in to the bracket on the dolly guide. The edge of the base of the jack that is closest to the cylinder slides into the bracket first. The cylinder of the jack must be positioned in the center of the dolly guide when the jack is in position. Once the jack is in position place the provided 1/4 x 1" bolt in to the hole in the guide to act as a holding pin.

- c) The jack head plate is placed into the top of the cylinder of the jack in place of the head screw.

4. Top Roller Placement and Operation.

- a) The top roller is placed on top of the head plate between the angle guides. Insert the spring loaded center pin on the head plate into corresponding hole in the center of the top roller housing.
- b) The top roller serves two purposes. First, it gives you lengthwise movement of the home. Second (more importantly) it allows the frame of the home to adjust on the roller as the home is being rolled sideways. This keeps side pressure off of your jacks, which prevents them from kicking out or tipping if your channels are not perfectly aligned with one another.

5. Lifting and Rolling the Home.

- a) The jacks are raised until the tires clear the ground. The tongue of the home is also raised. All of the jacks in the system should be raised as evenly as possible. While a home is up on a roller system the tires and axles should be left on until the last possible moment (final leveling). At which time safety cribbing should be used when removing the tires and axles. If tires must be removed to roll the home sideways, safety cribbing should be used while working underneath the home.
- b) "C" clamps are positioned on the frame of the home about 4" from each end of the top rollers. This will prevent excess lengthwise movement while rolling the home sideways. The top rollers do need a small amount of movement to allow the frame of the home to adjust on the top rollers. This keeps the weight of the home directly over the rolling system, preventing side pressure on the the system.
- c) When rolling the home into position, do not roll one end of the home further that 2-3 feet past the other end. We strongly recommend the use of top rollers to eliminate side pressure and prevent jack tipping.
- d) Using a come-along, the home is then rolled sideways. If conditions permit the home can often be pushed over by hand, and then cinched together with a come-along.
- e) A wedge can the be placed in the rolling channel against the bottom roller to prevent further sideways movement. Wedges can be used at any time to prevent unwanted movement. Care should be taken to remove wedges before attempting to roll the home.
- f) If the system is a 3 point or 5 point system the front point under the hitch jack can now be rotated to allow lengthwise adjustment. This is done by lifting the tongue of the home with a jack, and rotating the front channel 90 deg.
- g) Again, a come-along may be used to move the home lengthwise. If conditions permit, the home can be moved by hand.
- h) Final leveling can now be done.

Scan QR code for video for visual reference.



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