

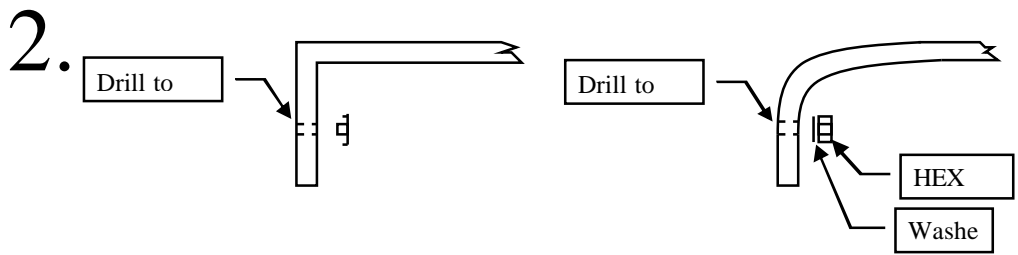
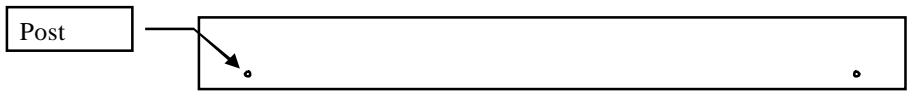
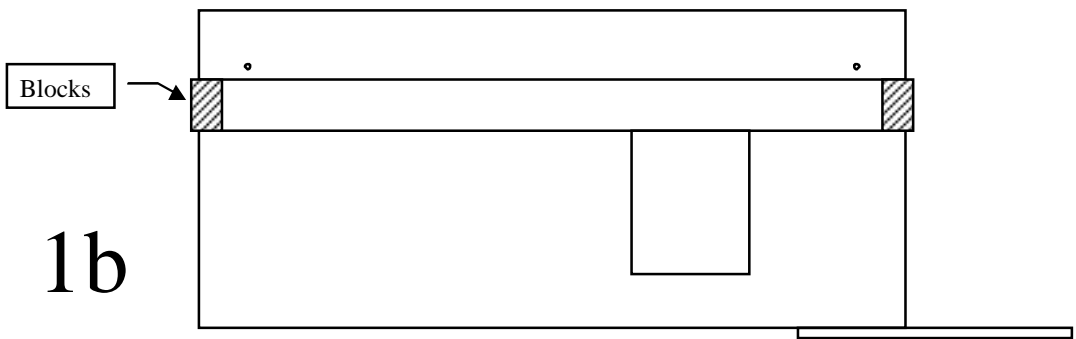
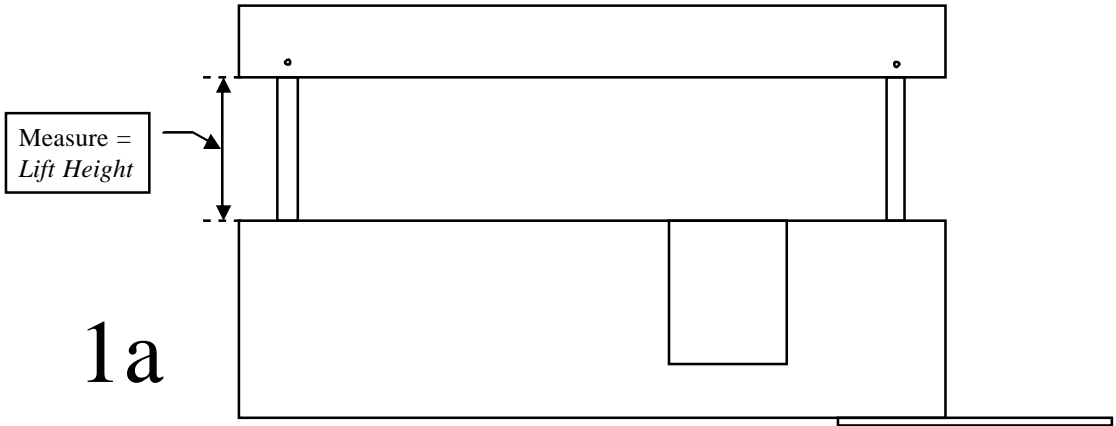
INSTALLING YOUR NEW SPRING LIFT ARM KIT

1. Measure the distance that the roof is to be raised. [If your lift system is completely non-functional, you will need to calculate or estimate this distance as closely as possible.] Then disconnect the crank-up system and remove any parts that may be in the way of the new system. [At this point, block the roof up about 6 to 12 inches to access the inside.]
2. Check the hole in the roof where the old lift post was fastened. If it appears strong and not "rotted out" drill it out to 3/8". If your roof is wood, drill the inside a little larger and tap one of the T-nuts into the hole. If your roof is aluminum or fiberglass, use the T-nut, if it can be adapted. If not, a hex nut and washer will have to be used later.
3. Remove the blocks so the roof sets squarely on the body of the camper. Secure the roof to the body of the camper with the existing roof latches. Take 2 of the aluminum front latch bars and pin the ends together with one of the locking pins. On one front corner line up the inside bar with the top edge of the body of the camper and fasten with 3 tapping screws. Put the outside bar at about a 45 degree angle and fasten to the roof. Repeat for the other front corner. [These bars form a safety latch to prevent the roof from popping up on the road and a pivot point when setting up your camper; the exact angles are not important, but it is important that the bars be installed functionally.] Subtract the measurement taken in step 1 from 63" [the extended length of the arm from bolt to bolt]. Measure this distance vertically down from the bolt hole in the roof and mark this spot. Repeat at each corner. Drill a 3/4" hole about 1" deep at each mark and a 3/8" hole in the center of that. This is to countersink the nut on the mounting plate to sit flush with the side of the camper. Place a Lower Arm Mounting Plate over the hole; drill 3/16" holes for the 4 #14 tapping screws and fasten the plate securely in place. Take a spring arm and with the hinge up and toward center of the trailer [see illustration] screw the bolt into the mounting plate. When the bolt is snug, finish tightening the extra nut against the mounting plate. The washer between the arm and the extra nut should have just enough clearance to turn easily. Repeat at the other 3 corners. Set each arm vertically to locate the locking hooks. Use the long hooks for the back arms and the shorter ones for the front arms. Screw the hooks securely to the camper body as near the top edge as possible with the opening of the hooks toward the center of the camper. The front locking hooks may be installed over the lower front latch bar.
4. Place the bolts in the top hole of each arm and spin on an extra nut, as on the lower bolt. Standing behind the arm, pull it toward you carefully bending it against the hook. When it is completely bent [about a 45 degree angle], CAREFULLY pivot the arm on the bottom bolt until you can line up the top bolt with the hole in the roof. Guide the bolt into the hole. DO NOT release your grip on the arm until the bolt is securely in the top mounting hole. If you were able to use the T-nuts and they are in place, thread and then tighten the bolt in the top hole. If not, raise the roof a few inches and have an assistant thread a nut on the end of the bolt inside the roof before going to the next arm. After all arms are in place make sure all bolts and nuts are securely tightened.

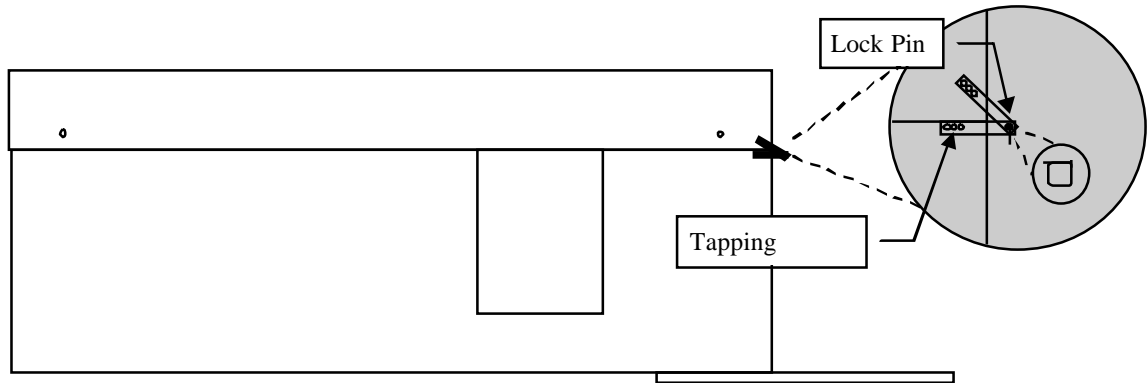
SETUP INSTRUCTIONS

1. To set up camper, raise back end of roof until arms snap straight. Put pin in first hole of back hook to secure rear spring arm. Pull pins from front latch bars and pull front of roof slightly forward while lifting until front arms are nearly straight, then gently push back until front arms snap straight and back arms rest solidly in the hook. Pin all four corners, extend beds, and set up canvas as before.
2. **To collapse camper**, slide in beds and fold canvas, then MOVE REAR PINS TO FIRST HOLE IN BACK LOCKING HOOKS [forgetting this step may cause the hooks to tear loose or kink the arm]. Remove front hook pins, pull roof 6-8 inches forward [until rear arms contact the rear lock pins] then bend front arms and pull front of roof down. Line up the holes in the front latch bars and put in the front pins. Remove the back pins, bend each back arm and pull roof down. Latch roof securely.

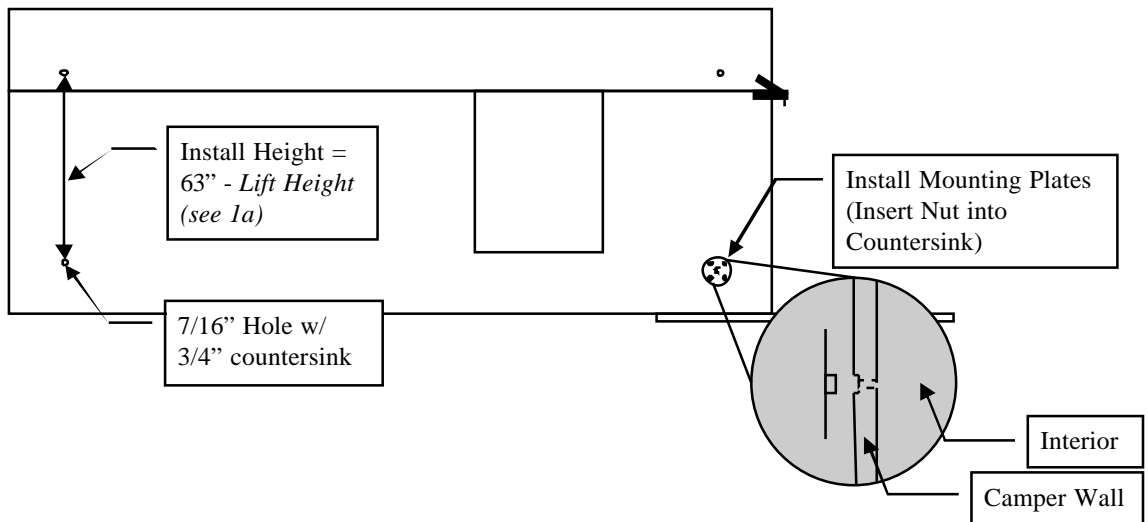
C&R LIFT SYSTEM Installation Illustration



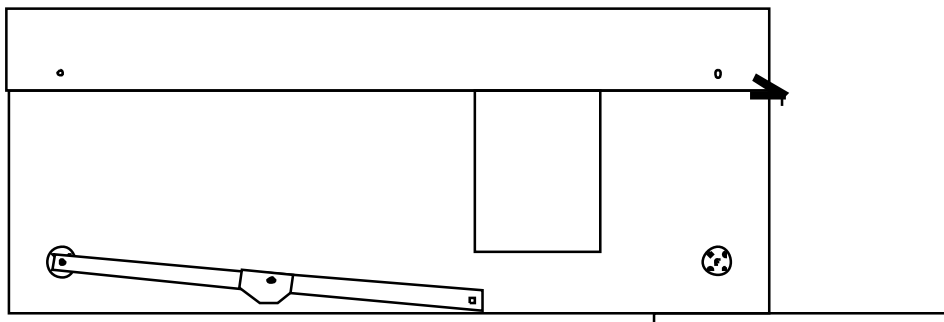
3a.



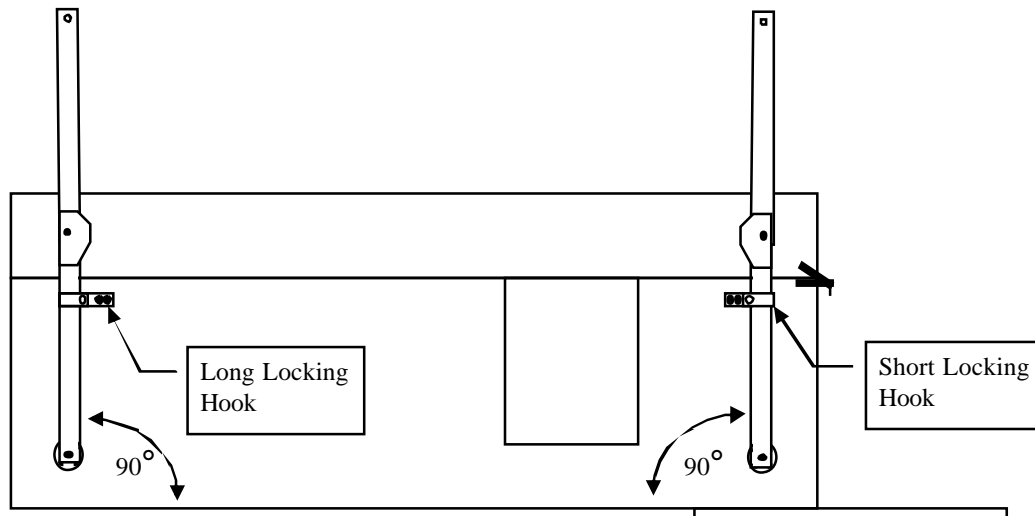
3b



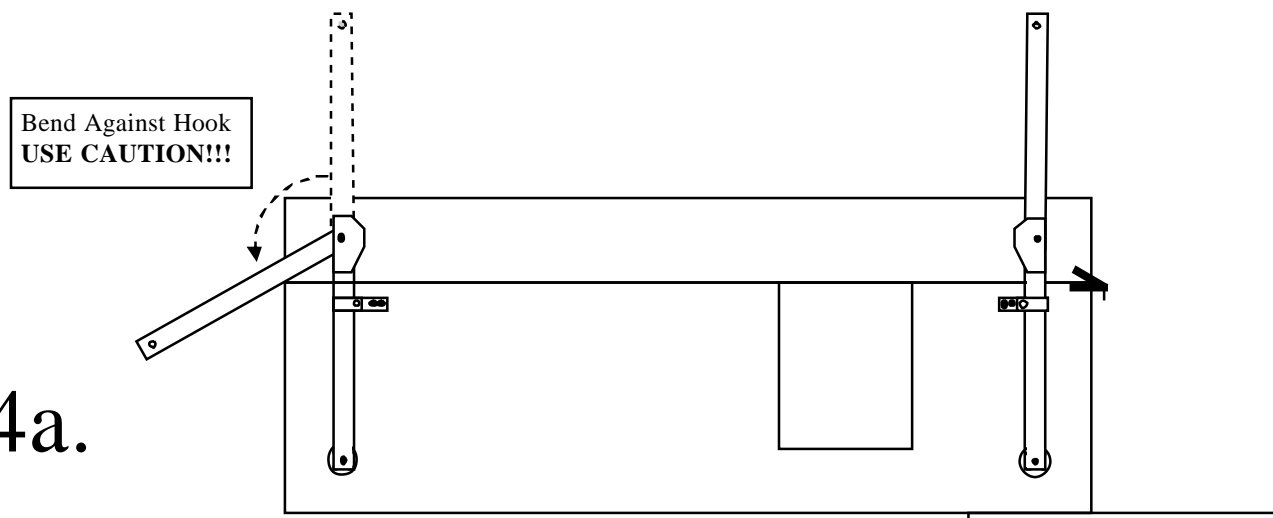
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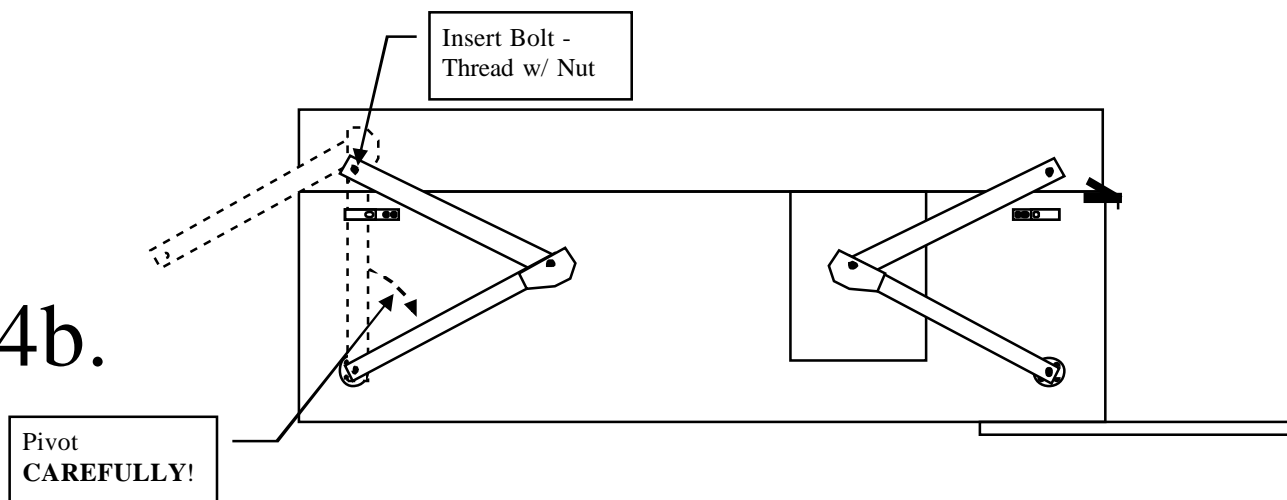
3d.



4a.



4b.



Set Up

