

# Cub Cadet Narrow Frame Category 0 – 3 Point Lift Installation Instructions

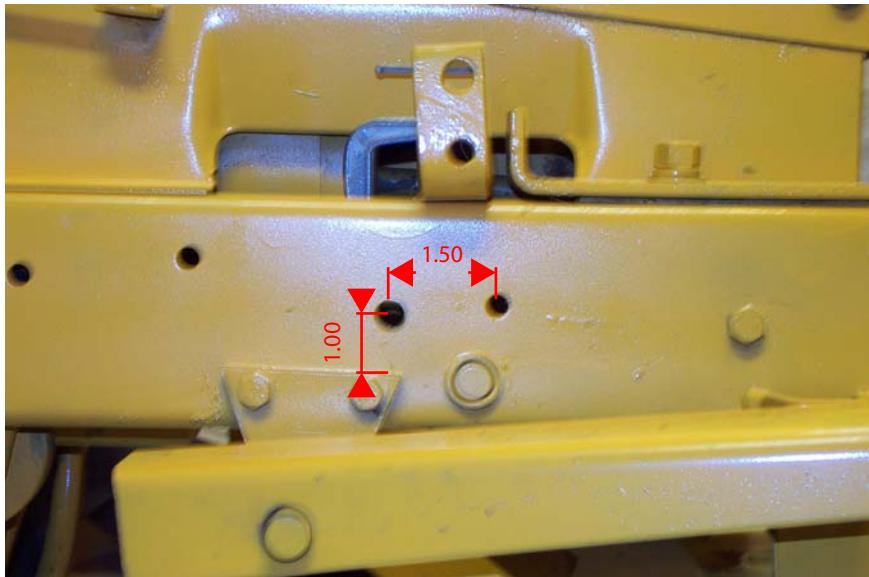
This kit was designed for a 147 with an electric lift. May fit other models with minor or no modification.



This kit is easiest if the rear fenders and electric lift are off. This is a good time to change the hytran fluid, reseal the rear plate on the differential and any other general work. If you have a hitch on back, remove it and replace the bolts with (3) bolts that are  $\frac{1}{4}$ " shorter.



Using a small c-clamp, clamp the lift lever to the short frame lip so that you can drill thru the frame and thru the lift arm. This is the easy way to do it. You could take the whole lift assembly out of your tractor and drill the hole if you do not want an extra hole in your frame.



Using a measuring device, measure up 1" from the foot rest bracket and 1 ½" back from the hole shown. Center punch it with a center punch and hammer. Using a ½" drill bit, drill thru the frame and thru the lift arm. Keep the drill bit straight and perpendicular to the frame.



From underneath, insert the supplied ½" bolt into the hole you just drilled. Do not push it all the way thru, just about ¼" thru.



Attach the rear brackets to the axle housings by taking out the existing lower 2 bolts and putting the bracket over them and re-inserting them. Do not tighten them tight yet – just finger tight. The 2 holes that bolt to the tractor should be towards the top and the larger hole to the back of the bracket should be down.



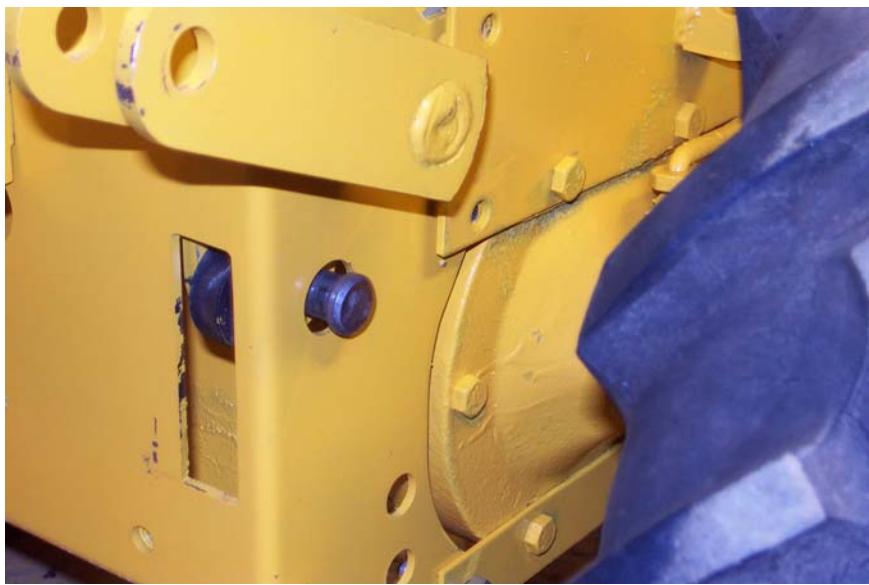
Slide the link shaft thru the frame of the tractor. Watch out for electrical lines.



Slide the shaft up to meet the bolt that you inserted earlier. Push the bolt thru now and secure with the supplied nylon lock nut. There is not a lot of room to work, and a 3<sup>rd</sup> hand can come in handy. Tighten the nut snugly and then back off  $\frac{1}{4}$  turn to allow rotation and eliminate binding.



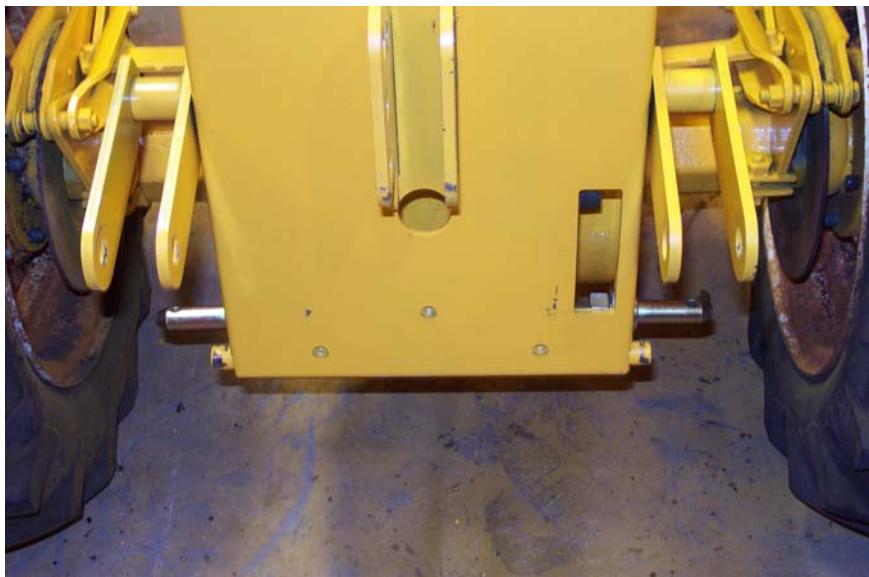
Attach the 3 point plate to the previously installed brackets with the supplied 7/16" bolts, nuts and lock washers. Do not tighten yet – finger tight only.



Rotate the plate up into position and put the link shaft thru the inner ears and align everything so that you can insert the 5/8" pin thru the hole, ears and shaft. Secure the pin with a cotter pin.



Secure the plate to the frame with the supplied bolts, nuts and lock washers. Use the shorter bolts on the right side of the tractor (if sitting in the seat). Once you get it all in place and movement is accomplished, you may snug down all the bolts in the plate, brackets and axle tubes.



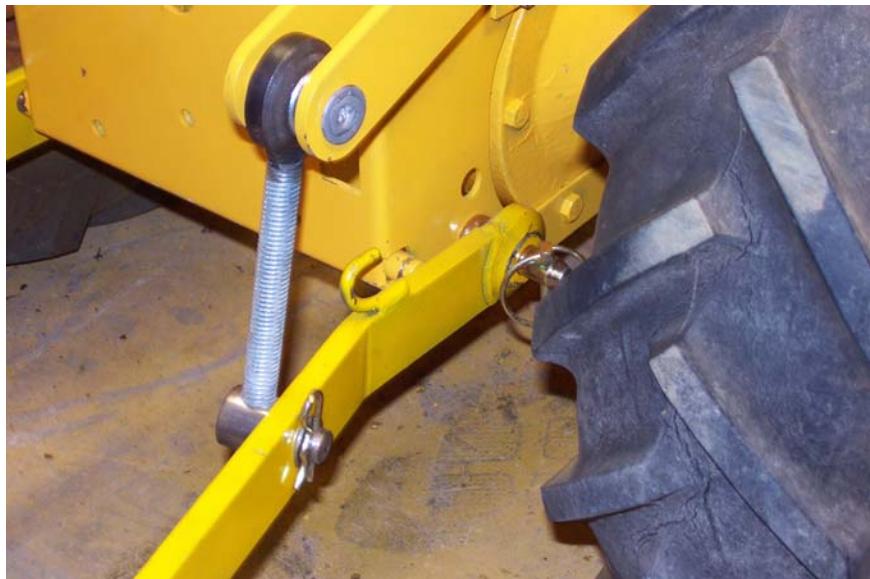
Attach the 3 point pins to the plate using the supplied nuts and lock washers. Best is if you can keep the holes straight up and down. Tighten securely. The plate has 2 sets of holes for the pins. The bottom is considered "Stock", but if you need a different lift configuration due to equipment needs, you can move them to the upper holes.



Assemble the lift links and furrels as shown. Lubricate the threads in the furrels with grease prior to assembly and through out the life of the lift.



Attach the lift arms to the tractor, with the supplied pins.



Lubricate all the points that move with oil frequently. The ball sockets will be tight when first put on, but in a short time they will loosen up.



Your 3 point is now basically installed. Check movement by lifting on the arms and by moving the lift that connects to the electric lift or the lift rod. You can adjust the height of the 3 point by moving the furrels up and down on the lift shafts.



Reinstall the hitch as so desired. Reinstall the fenders, electric lift, and other things that were taken off the tractor.