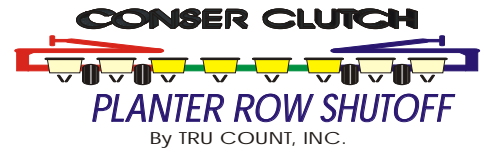


CONSER CLUTCH FOR HYDRAULIC DRIVE PLANTERS



This kit will work with most hydraulic drive planters either factory or after market. The photos in this document show a Deere planter but the installation is the same for any make.

IMPORTANT! Installation of this kit depends on the hydraulic drive being in the center of each section controlled. If the motor is not in the center of the section you must move the motor or supply a jack shaft to bring the drive to the center of the section. This kit will work only on 30" rows or greater. If the planter is less than 30" rows you must supply a jack shaft.

OVERVIEW: Hydraulic drive planters typically receive the seed shaft rotation directly from a hydraulic motor. Each section will have it's own motor. With this kit you will effectively divide each section into two sections. The seed shaft will need to be cut into sections and your new sectioned shaft is supported with extra brackets and bearings. The shutoff clutches are placed on each section to shutoff the individual sections. Control of each clutch is through a switch box and wiring harness supplied with the kit.

Before proceeding you must have the following parts from your Kinze or Deere Dealer for each section you want to split.

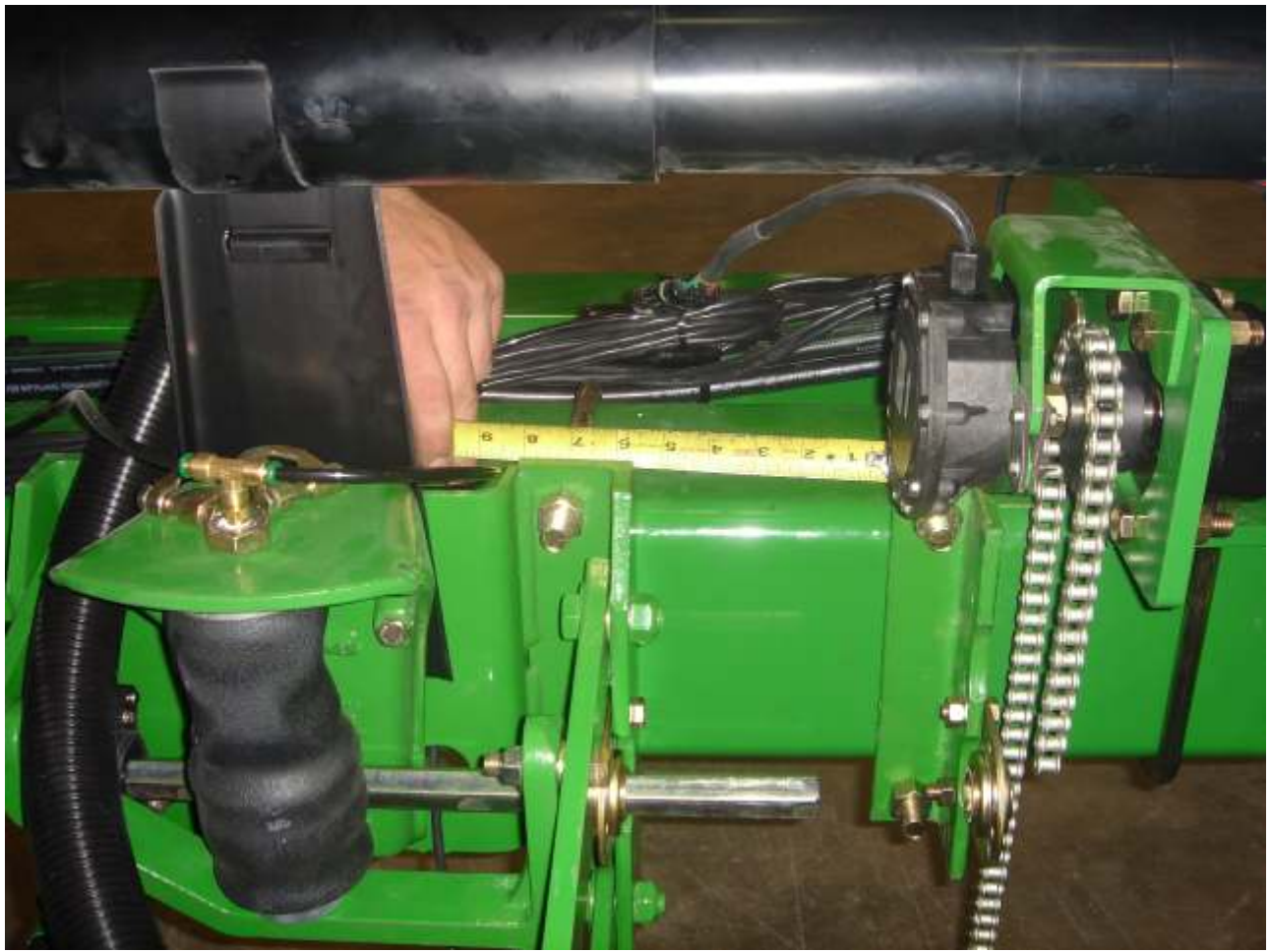
- (1) A46440 (Deere) angle bracket (use this part on all planter models)
- (2) AA35646 (Deere) bearing hanger plus hardware
- OR
- (2) GA2180 (Kinze) bearing hanger plus hardware
- (1) Gd1113 (Kinze) U-bolt plus hardware
- OR
- (1) A46533 (Deere) U- bolt plus hardware



Original position of motor on a Deere planter



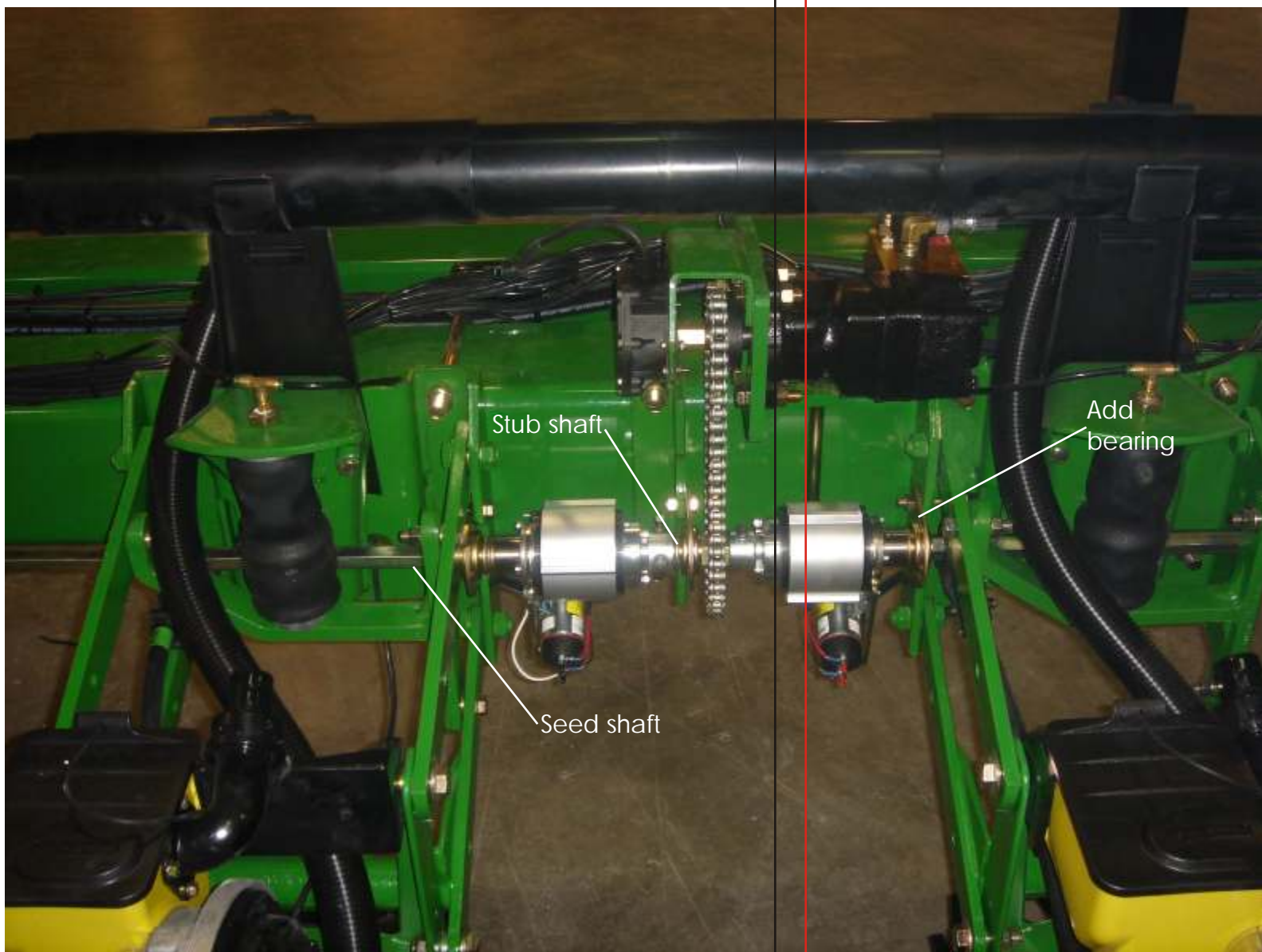
Move the motor to the EXACT center of the section you wish to control



Remove the seed shaft and install purchased angle bracket and bearing hanger as shown. Edge of angle bracket should be 5-5/8" from edge of row unit (30" rows) Tighten angle bracket but leave bearing hanger loose for now.



After removing the seed shaft cut a piece 5" long from the shaft. Use a marker to draw a line exactly 1-3/4" from each end, set aside for now.



Stub shaft must not extend past here.

Seed shaft must not extend past here.

Install extra bearing hanger as shown. Install stub shaft and seed shafts for a trial fit. Please take close notice of the photo and make sure that the shafts do not extend past the lines shown.

Trim the seed shafts as needed making sure that they fit properly on both the clutch end and opposite end.

Use clamps and spacers to finish the installation. Tighten all screws at this time.

Test the clutches by turning the sprocket on the seed shaft. NOTE: to test you must turn the sprocket not the seed shaft! While turning grab the silver ring and the clutch will slip and stop the corresponding seed shaft.

The wiring harness is marked right and left or 1,2,3 etc. Secure the proper harness to the selected solenoid. If your solenoid has a + symbol hook the red wire to the + side. Secure the wire to the frame being careful that the wire will not be stretched or pinched during planter operation. Repeat on the left side.

Mount the control box in a comfortable place in your tractor cab. Hook the black wire to ground and the red wire to 12 volts dc. Plug the 2 halves of the harness together and test the electrical connections.

BY INSTALLING THIS CLUTCH ASSEMBLY YOU ACCEPT ANY AND ALL RESPONSIBILITY FOR YOUR PLANTERS OPERATION. THERE ARE NO EXPRESSED OR IMPLIED WARRANTIES EXTENDED BY THE MANUFACTURER EXCEPT THAT THE MANUFACTURER OR THEIR REPRESENTATIVE WILL REPLACE ANY AND ALL DEFECTIVE PARTS IF REQUEST FOR REPLACEMENT IS MADE WITHIN 6 MONTHS OF PURCHASE. PROOF OF PURCHASE REQUIRED.

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