

ASSEMBLY INSTRUCTIONS FOR 360 CHAINROLL™ CUSTOM STALK ROLL PULLER

The custom stalk roll puller from 360 Yield Center makes removing your stalk rolls much faster and easier so you can get 360 CHAINROLL installed more quickly and achieve better residue management this season. If you have any issues along the way, feel free to give us a call at 309-321-0090.



PARTS OVERVIEW



- Bracket
- Threaded Bushing
- Long Arm
- Short Arm
- Threaded Torque Rod
- Hydraulic Ram
- Bolts with Nuts (2)
- Extension Shaft
- John Deere 40-90 Ext. Shaft

TOOLS REQUIRED

- + Cordless Impact Drill with 1/2 in. Drive
- + 5/8 in. Deep Socket 1/2 in. Drive
- + Penetrating Oil
- + Screwdriver
- + Hammer

USEFUL TIPS

- Apply penetrating oil onto the stalk roll shafts the night before removal to help lubricate and loosen rust and weathered material.
- Always keep the torque rod (5/8 in. bolt) threaded inside the hydraulic cylinder to prevent dirt and dust getting inside.
- Be careful not to strip the torque rod with applied torque from the cordless drill.
- To compress the hydraulic ram to starting position, unscrew the torque rod and push the hydraulic ram back.

Light Hammer Tap

Lightly tapping the OEM stalk roll with an impact hammer vibrates and frees trapped dirt between the shaft and the stalk roll.

Mushroom-shape Shaft

Creating a wedge with a screwdriver will offset a mushroom-shape shaft and enable the hydraulic puller to stay concentric with the shaft.

STEP 1



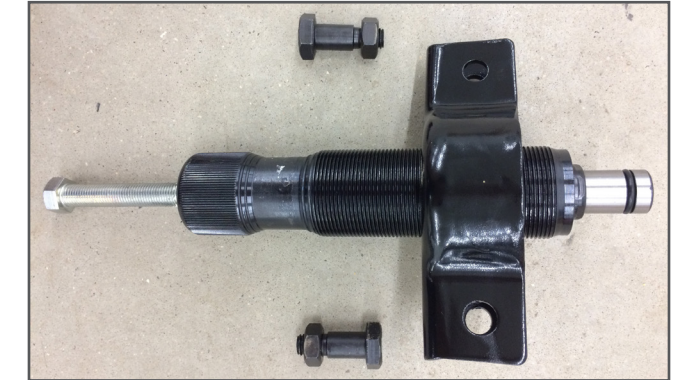
Thread the threaded bushing onto the hydraulic ram until it is in place with a few extra threads exposed on the side opposite of the threaded torque rod.

STEP 2



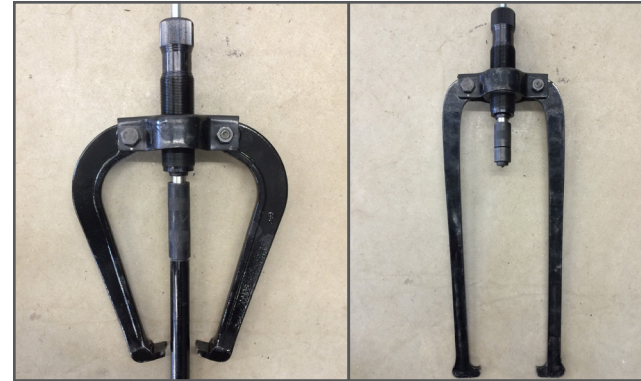
Slide the bracket over the threaded torque rod and onto the hydraulic ram. Place it over the threaded bushing.

STEP 3



Before screwing the arms into the bracket and threaded bushing, notice the different sized holes on either side of the bracket. The head and nut of the bolt direction is opposite on each side, as shown. The smaller side hole is where you should secure the nut; the larger side hole is where the bolt head should sit.

STEP 4

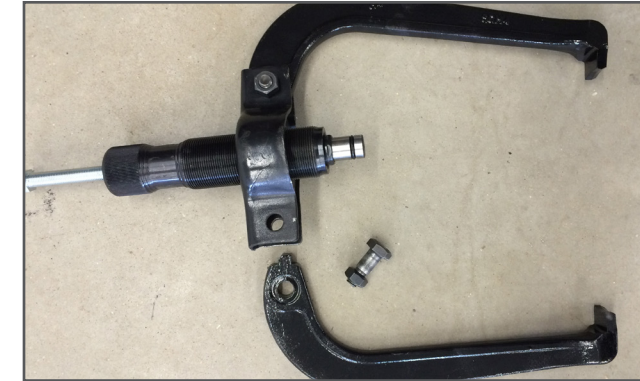


Reference the parts overview for details on the extension arm options.

- + Short arm extensions are for the OEM stalk rolls on all John Deere corn head models
- + Long arm extensions are retrofit Calmer stalk rolls.

Grab the appropriate arm extension for the stalk rolls you are removing.

STEP 5



Attach the arm extension on one side with the bolt facing the appropriate way (reference Step 3). Attach the arm extension on the opposite side with the bolt facing the appropriate way (reference Step 3).

STEP 6



Install the extension shaft to protect the hydraulic ram, as shown. If you have factory/OEM stalk rolls for John Deere 40 and 90 series corn head models, use the John Deere 40-90 extension shaft.