

QUICKLY RELEASE CHAIN FOR TRANSPORT

Drive Chain Release Kit For Max-Emerge Planters

There's no telling how many skinned knuckles and greased-up hands the new chain release kit from Jackson-Lee-Pearson, Inc., will help farmers avoid. Inventor Lynn Hufford says it also avoids wear and tear on the planter.

"When transporting a Max-Emerge for any distance it's best to disconnect the drive chains but many farmers don't do it because it's not easy to do. It's a heavy chain and there's not much room to work. Often times you scrape your knuckles or pinch your fingers and you always get dirty. With our new release kit it's simply a matter of flipping a handle," says Hufford.

The release kit attaches to the drive sprocket. A half-moon shaped release slides in between the chain and the sprocket, suspending the chain so drive components stay at rest during transport. A spring-loaded release quickly flips the handle back down when you switch back to field position.

The release kit fits 4, 6, 8, and 12-row Deere Max-Emerge planters.



Release holds chain away from sprocket when handle is raised.

plus front-folding and conservation models. Comes with complete instructions for installation.

For more information, contact: FARM SHOW Followup, Jackson-Lee-Pearson, Inc., P.O. Box 27, Flora, Ind. 46929 (ph 219 967-4164).

REPLACES LIP ON EDGE OF SNOOT

"Corn Guard" Helps Keep Ears In Header

Harry Weeks, Plain City, Ohio, couldn't stop loss of ears when harvesting corn, particularly in a down crop, until he came up with an ear saver design that he says works better than anything else on the market.

Most corn heads have a protruding lip about halfway up the snout that's designed to catch ears thrown out by the gathering chains. But in a down crop, stalks often simply pile up crossways on this lip. If you remove the lip, according to Weeks, the stalk will simply come over the snout crossways and the ear pass out onto the ground.

"We remove the lip and install our finger mechanism that allows stalks through but which falls back in place to prevent ears from being thrown out," says Weeks, noting that the projecting bar also helps separate the stalks and force them to stand up and enter one snout or another.

"There are some other ear savers on the market that cover the feeder auger but that's often too late. Many ears are lost before they ever reach the auger," says Weeks.

The ear saver fits any combine snout and installs with just two bolts. On most combines, it'll fit into existing holes. They sell for \$58 per row.



Swinging guard fingers raise up backwards to let stalks through.

Weeks also manufactures a grate and grain pan extension kit designed to boost capacity of New Holland combines.

For more information, contact: FARM SHOW Followup, Harry Weeks, J & H Mfg. Inc., 7225 Kile Road, Plain City, Ohio 43064 (ph 614 873-5452).



"Triggers" on either side of gate activate opener as vehicle drives through.

NO OUTSIDE POWER NEEDED

"Trip-O-Matic" Gate Opens Automatically

"It's the first automatic self-opening farm gate that doesn't require an outside power source," say developers of the "Trip-O-Matic" farm gate that uses mechanical linkages to open and shut farm gates.

The gate opener uses two 6-in. high triggers installed in the drive path ahead of and behind the gate. Two aircraft cables run from each trigger to the gate post. When a tire pushes the trigger bar down one way, the cable activates compression springs that open the gate. When the vehicle runs over the trigger on the opposite side, the springs close the gate. When the vehicle comes through the gate from the other direction the triggers simply work in reverse.

The gate kit is designed to fit existing gates that weigh 150 lbs. or less and are not over 16 ft. long. The opening springs have 700 lbs. of thrust when activated and will open a 14-ft. gate weighing 100 lbs. in 3.9 seconds.

The gate kit sells for \$1,091. A modified kit equipped with an air cylinder that holds the triggers flat to the ground when the vehicle passes to prevent snagging on low clearance vehicles, sells for \$1,236.

For more information, contact: FARM SHOW Followup, Total Concepts, Inc., 620 Highway 79 North, Henderson, Tex. 75652 (ph 214 657-8061).

New Automatic Hitch Fits Pickups, Tractors

You've never seen anything like this new automatic electric hitch invented by a rural Minnesota dairyman and manufactured by the Hepola Company, Deere Creek, Minn.

The hitch consists of a mast mounted on the drawbar that's about 4 ft. high with a small electric motor at the top powering a cable that runs down to a hitch pin at the bottom. The operator simply backs the drawbar up to the adaptor on the tongue of the implement and then activates the pin so it drops down. The donut-shaped implement adaptor is slightly larger than the hole in the tractor drawbar so the pin easily slides into it.

The hitch can be mounted on the back of tractors, forage harvesters and it's especially good on pickups, says Hepola. "Because it sticks up several feet you can see it over the rear tailgate which lets you see where you're backing," he notes.

For more information, contact: FARM SHOW Followup, The Hepola Co., Box 212, Deere Creek, Minn. 56527 (ph 218 462-2622).



Electric motor, top, powers cable attached to hitch pin.