Repairs & Maintenance Shortcuts
(Continued from previous page)

TABC0, 11655 Chillicothe Rd., Chesterland, Ohio 44026 (ph 216 729-5151).

Steve Westhoff, LeMars, Iowa: Steve turned an ordinary pliers into one of the most useful tools around his farm.

“Cut the handles down 1 in. and weld a 9/16-in. round end wrench head on one and a 1/2-in. head on the other. They’re the two most common wrench sizes you need around the farm and the modification means you’ve always got your pliers as well as a 9/16 and 1/2 in. wrench with you. It’s really handy and cost little or nothing to do.”

Gary Crawford, Lyons, Kan.: “I discovered a slick, quick way to realign the feeder chains on my 1981 Gleaner N6 combine. On this combine and many others, three feeder chains run around the drive sprockets. As sprockets and chains wear, the outer chain has a tendency to jump a tooth, especially in heavy crops. My dealer used to tell me to loosen all the chains so I could readjust the slipped one. I streamlined the process by using a pipe wrench to rotate the drive shaft that runs to the header and laying a 5/8 or 3/4-in. dia. brightly colored 1-in. piece of baling wire around broken ends of the outer chain has a tendency to jump a tooth, and you’ve always got your pliers as well as a handy and cost little or nothing to do.”

Jerome Bruha, Comstock, Neb.: “The only complaint we have with our 1986 OMC 500 bALER is that the #10 roller chain is a real pain to repair because the spring loaded idler won’t loosen completely. Rather than take the idler completely apart, which is extremely time-consuming, we came up with a shortcut. We loop a piece of baling wire around broken ends of the chain. Simply twisting the wire with a pliers tightens the chain enough to allow you to replace the broken link in a jiffy.”

Steve Matthews, Berthoud, Colo.: Steve made a nifty adjustable welding table that mounts on a 4-in. pipe in his shop. An old corn chopper flywheel, which is about 4-ft. in dia., slips up and down on the pipe which is cemented in the floor and runs up to the roof. Steve made a locking collar out of a piece of pipe so he can lock it in place at any height.

“It makes a handy welding table because it spins like a lazy Susan,” notes Steve. He also slipped a large disc blade onto the pipe and welded it in place above the flywheel to hold tools.

Charlie Stough, Thermopolis, Wyo.: “There are many problems with the thermal linear actuator used to engage the 4-WD on late 1980’s GM pickups through current models. It’s an electro-mechanical part with an atrocious failure record. GM replaces them) work best.”

Michael Risner, Knox, Ind.: “We’ve got two Case-IH Cyclo planters, a 500 (12-row) and a 900 (6-row). Both have trouble with seed spacing. That’s because the plastic wheels on each of the brushes wear out because there’s too much pressure on them, causing the brush to bind when it runs too close to the seed drum.

“ar 8,000 pounds to move a 4-WD equipped with a magneto system. The problem with Deere heads is that stalk rollers are an integral part of the row unit, bolting directly onto the roller shaft out of the gear drive. The design makes removal to weld on new fighting difficult and you can even damage the gear box or bearing doing so.

“Each one can take as much as an hour to remove with conventional means,” notes Dunavant. The Stalk Roller Puller consists of a 10-ton porta-power jack in a special holder. It operates a 12-in. by 2-in. hydraulic cylinder with a 1 1/2 in. dia. ram that pushes on a rod between two extractor hooks. The rod pushes on the end of the stalk roller which then seems pull it off.

Standard painted model sells for $175, nickel plated for $225 excluding porto-power jack. Add $20 S&H. Do-it-yourself plans are also available.

Contact: FARM SHOW Followup, Dunavant’s Welding & Steel Inc., P.O. Box 54, Shawboro, N.C. 27973 (ph 919 338-6533).

Ed Englebault, Aurelia, Iowa: “I’ve discovered a way to remove hex nuts from ax-

New Tool Makes It Easy To Pull Stalk Rollers

If you’ve ever spent hours hammering or cutting worn stalk rollers off a Deere corn header, you’ll like this new hydraulic tool that pops them off in minutes.

D & R’s “Stalk Roller Puller” works on all Deere heads except for 1997 models with the bolt-on knife option. It was invented by Shawboro, N.C., farmer Harvey Roberts and machinist David Dunavant.

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William Fannon, Plympton Gap, Va.: “Here’s a quick, simple, low-cost way to light new fire in weak magnets on older tractors. I’ve used it on Farmall M’s, H’s, and A’s but it could be used on any tractor equipped with a magneto system.

“The first thing you need to do is get a 6-volt ignition coil from any auto parts store for around $20. Then, disconnect the remote kill switch on the magneto. Wire the positive lead from the ignition coil to the points on the magneto, which act as a ground for the system. Wire the coil’s negative lead to an electric on-off toggle switch and run the wire back to any hot point on the tractor’s electrical system, such as the starter switch. With the flip of the on-off switch, you’ve immediately got plenty of power to start the tractor. Works like a charm and only costs about $25. Note: The wire from the points to the coil needs to be connected to the positive or negative terminal on the coil according to battery ground. The above description is for a positive ground system A negative ground system would be wired just the opposite.”

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