



Ken Hall used the electric power steering motor from a car to add power steering to his Farmall "B". He cut 1 ft. out of tractor's steering shaft to attach motor.

Electric Power Steering Added To Farmall "B"

Ken Hall, Purdy, Mo., updated his 1950 Farmall B tractor with electric power steering.

"The tractor wasn't that hard to steer, but with a 5-ft. Woods belly mower and 2 acres of wooded lawn to mow, I wanted power steering," says Hall. "Now I can steer with one finger even when the tractor is sitting still."

He found an electric power steering motor from a Saturn Vue car on eBay. He cut about 1 ft. out of the tractor's steering shaft and fabricated 2 bushings to attach the steering motor to the shaft. He then fabricated a metal bracket to bolt the unit to the tractor, which had already been converted to a 12-volt system.

"I think the same idea would work on any

"Backsaver" Portable Bale Chute

"I cut off part of the side of an old flare box wagon to make a portable bale chute for my bale elevator. Whoever is on the hay wagon can slide bales neatly down onto the elevator without having to throw them on. It's a real back saver," says Ron Jaeschke, Somers, Iowa.

The bale chute measures 4 ft. long and 16 in. wide and is mounted on an angle iron frame fitted with 4 legs and a pair of 4-in. pneumatic wheels. The chute slants downward at about a 45 degree angle.

The bottom end of Jaeschke's elevator sets on the ground and can't be raised level with his hay wagon, so he has to throw bales down into the elevator. If the bale lands crooked he has to jump down from the wagon and straighten the bale out. His portable bale chute keeps every bale



Ron Jaeschke used part of an old flare box wagon to make this portable bale chute. "It lets me slide bales neatly down onto my elevator without having to throw them on," he says.

straight.

"Most bales will start up the conveyor easily. If they don't, I just slide another bale into the chute and the second bale will start the first one going. The bales always stay perfectly straight going up the elevator," says Jaeschke.

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steering shaft with a straight section on it somewhere," says Hall.

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Bracket Modifies Case IH Drills To Handle Forage And Grass Mixes

You can convert an older Case IH drill to plant forage and grass seed mixes with a new Grass Seeder Update Kit designed by two Ontario farmers. The kit eliminates a troublesome cotter pin that holds the downspout in place.

"The 6100 through 6300 Case IH drills plug up when you try to plant coarse seeds through the fine seeder box," says Earl Wagler, one of the kit designers. "A cotter pin is the problem."

Wagler notes that you could plant those seeds through the grain box, but then they get planted too deep. Forage and grass seeds should be spread on top of the ground and then get packed or pressed into the soil.

Wagler and a neighbor, Delmar Gerber, came up with a solution. Their update kit is a simple bracket that replaces the cotter pin. The bracket uses an existing bolt hole beneath the fine seeder box, replacing the OEM bolt

with a slightly longer bolt. This locks the bracket in place and holds the downspout previously held by the cotter pin.

"With the bracket, you can plant some forage and grass mixes with up to 30 percent coarse seeds in the mix," says Wagler.

Wagler and Gerber sell the brackets for \$4.70 per downspout. The brackets are easy to install with only one caution.

"Before planting with the drill, ensure downspouts and rubber tubes are attached and free from obstruction," says Wagler.

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Grass seeder kit lets you convert an older Case IH drill to plant forage and grass seed mixes. It eliminates a troublesome cotter pin that holds downspout in place.



Rotary Flax Buncher Piles Straw For Burning

Ryan Dennis wasn't satisfied with the flax bunchers on the market, so the grain farmer from Holdfast, Sask., decided to build his own. It worked so well he started building them for sale.

He calls the rotary flax buncher the "Better Buncher". It's pulled behind a tractor and used after a flax crop has been harvested. The rake bunches the flax straw into piles for burning. When the operator decides there's enough in the pile, he pushes a button and the straw flips out the back of the machine.

"Unlike with other bunchers, you don't have to stop to drop the straw load," says Dennis, who took first place honors in an inventions contest at the recent Canada's Farm Progress Show.

After flax straw piles are made, farmers usually burn them because flax straw is waxy and tough; unlike other types of straw, it doesn't break down easily in the field.

"All the other flax straw bunchers I've seen aren't built very heavy, and they rely on hydraulics to dump the load. With the Better



Buncher you don't have to stop every time to dump the pile. You just push a 12-volt button on-the-go. It lets you line up all the piles in a row so they're easier to burn."

The machine has a 12-ft. wide basket and a big swiveling rake on back with slanted tines at both ends. The rake mounts on a horizontal steel pipe that rotates at each end on a pair of

bearings. Pressing a button causes the rake to flip around 180 degrees and then lock into place to start the next pile instantly.

A pair of ground-driven wheels on one side of the machine make sure the rake stays latched.

"Another advantage is the rake tines are slanted, which helps lift straw off ground

without digging up dirt," notes Dennis.

The Better Buncher retails for \$12,000 Canadian. You can see a video of the Buncher in action at FARMSHOW.COM.

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Rotary flax buncher has a 12-ft. wide basket and a big swiveling rake on back. Pressing a button causes rake to flip around 180 degrees and then lock into place to start next pile instantly.