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His Willys Jeep Is A Spray Rig

When Andrew Jossund picked up a 1947 Willys CJ-2A Jeep at auction, it only needed ignition and carburetor work. He quickly put it to work on his family's farming operation.

"I used it like many people use an ATV, hooking it behind field equipment when moving fields, as well as just driving it around in the summer," says Jossund. "A modern

UTV has its advantages, but I really enjoy old equipment. I've had a lot of interesting conversations with people when they see the Jeep."

A great-uncle's long-retired jeep with a Fargo spray rig made him think about doing something similar with his own.

"The old Jeep is still on the place, but it's in really rough shape," says Jossund. "I liked the idea of having a sprayer for field edges and small areas, so I built a skid-mounted sprayer for my Jeep."

To avoid using a small engine-driven pump, he tracked down parts for the factory-mounted 540 PTO for the Willys Jeep and installed them.

"The PTO let me use a standard roller pump," explains Jossund.

He designed the skid sprayer so it could be mounted on or removed from the Jeep using a forklift.

"Originally, I was going to build booms for the sprayer, but then I came across a nice set of 20-ft. booms made by Enduraplas," says Jossund. "I added a TeeJet regulator and valves for boom control."

Initially, he used a 110-gal. tank from another implement. However, when filled with water, it was too heavy for the 800-lb. capacity jeep. In addition, when spraying on a slope, the chemical ran to one side.

"I replaced it with a 60-gal. mix-cone,"



Sprayer has 20-ft. booms, TeeJet regulator and valves for boom control.

he says. "I also added a long spray wand. The booms are great for spraying grass waterways and to touch up my lawn, as well as field edges. The wand is good for spraying thistles and such."

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Old pickup bed liner, strapped to pallet loader forks, makes a dandy leaf collector.



Bed Liner Makes A Great Leaf Mover

Michigan inventor Dan Daugherty says the leaf collector he made using an old 8-ft. pickup bed liner works like a giant dustpan on the front of his garden tractor loader. At first, he thought it was just a stupid, flimsy idea, but after he put it to work in his yard, he was pleasantly surprised.

Daugherty bolted two pallet forks onto the bucket of his Case 644 loader to support the liner's base. Two ratchet straps connect from the top sides of the liner anchor to the top of the bucket, holding the liner in place.

Daugherty says he can push into a large pile of leaves and easily scoop them up,

raking them in by hand as needed. When the liner is full, he lifts it and dumps the leaves into a pile. The leaf pan is one of several attachments Daugherty has built for his loader since buying it eight years ago. Others include a snowblower, a dirt blade, and a hydraulic scoop.

Inventors who've seen his simple idea have said they might have to remove their pickup bed liners once a year to collect leaves on their own property, then reinstall them after the leaves are all moved. One online viewer says the idea is as good as gold, not entirely new, but totally redneck ingenious.



"The cart has proven handy for pulling around the farm when I need to swap out hoppers on the planter, as well as taking them to my dealer," says Jossund.

Modified Tow-Behind Hopper Stand

Getting his planter hoppers serviced at the dealer is easy for Andrew Jossund. He simply hooks his modified hopper stand to his truck and drives away.

"I have a separate set of hoppers for my 24-row planter," explains Jossund. "When I bought some of them, they came with a homemade stand. I made it longer and added a hitch, axle and wheels."

The cart/stand originally held up to 16 hoppers and meters. The main frame consists of two 2 by 4-in. channel irons that run the length of the cart, with 2 by 2-in. sq. tubing for cross supports. Six 2 by 2-in. sq. T-shaped risers provide hopper rest supports. The

hoppers ride on 1-in. sq. tubing and two 1 1/2-in. pipes that run the length of the cart from one riser to the other.

"I extended the stand about 2 1/2 ft. at both ends for the eight additional hoppers," says Jossund. "The hitch is 2 1/2-in. square tubing and extends about half the length of the cart."

"The cart has proven handy for pulling around the farm when I need to swap out hoppers on the planter, as well as taking them to my dealer," adds Jossund.

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Andrews built his own can crusher from an old bicycle.



Bicycle Can Crusher

Brian Andrews of Rossville, Ill., created his own can crusher from an old bicycle, gears and scrap iron.

He reduced the gear speed to increase crushing power. Once the can is dumped into

the chamber, it comes out crushed using only "bicycle power."

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Stairs Built From Old Grain Loader

Retired farmer Brian Haubrich invented many farm and shop tools while farming. Now retired, he sent us a photo of a staircase he built from an old grain loader.

"It has a leveling lever to level the steps at any angle. I had some things I couldn't reach with a ladder, so I built this," says Haubrich.

"Keep in mind that you have to use your head when using it; you can only have so much weight per section," notes Haubrich.

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Lever keeps stairs level at any angle.