

## Money-Saving Repairs & Maintenance Shortcuts

"The splice as finished appears in the third drawing. A 6 or 7-in. piece of metal can be used to make the splicer. This will be about right for no. 8 wire. If it is to be used only for smaller wire, the length of the handle can be reduced for the sake of convenience."

**S & S Products, LLP, Box 142, Maywood, Neb. 69038:** "Our durable nylon Rench Rap tool pouch replaces the original,



easily torn plastic pouches that new tools normally come in.

"The pouch has a fold-down top that assures your wrenches are secure in their pocket and easy to carry when the pouch is rolled up. The size of each wrench is printed right on the individual pocket for that wrench.

"You can hang the pouch up in your shop, carry it in your vehicle, or keep it in your toolbox. Sells for \$19.95. Order online at [www.renchrap.com](http://www.renchrap.com) or call 888 561-0213 (U.S. only) or 308 367-4467; fax 308 367-5592."

**Robert Boone, Intacap, 207 East Main St., Union City, Ohio 45390 ph 800 333-8718; E-mail: [Intacap@who.rr.com](mailto:Intacap@who.rr.com):** "Our company recently introduced an intake cap for pneumatic tools that fits tightly over the



tool's intake coupler. It protects the inner workings of the pneumatic tool from dirt and grime when a tool is not in use. It's molded from durable and flexible Santoprene material for long life. The cap has a tether to secure it to the tool when it's in use in order to prevent loss of the cap.

"The cap is currently available for 1/4-in. couplers. We plan to offer caps for 3/8 and 1-in. couplers in the near future. Intacap sells for \$1.99 MSRP. Contact us for sales outlet information."

**Brian Dickinson, Rocky Mountain House, Alberta:** "I used 3/4-in. thick plywood to make a toolbox that mounts on back



of my ATV. It measures 9 by 44 in. and has a hinged, lockable lid. I use the toolbox to store a lot of different things, including an axe, small hand saw, shovel, frying pan, medical kit, cell phone, poncho, fence pliers and stretcher, snatch blocks for my ATV-mounted winch, a rifle, ammunition, gloves, knives,

and rope."

**Marty Garrett, Louisville, Ill.:** "I use a radial arm saw in my shop and often had problems with dust flying up everywhere. I solved the problem by connecting the hose



on my shop vac up to the discharge port on the saw. The hose fit perfectly onto the discharge. All I had to do was tape it on.

"The saw came factory-equipped with the discharge, which was designed to be used with central vacuum systems that some woodworking shops use. I use a brush occasionally to remove any fine dust from the filter in order to keep it from plugging up."

**Roy Klindt, Crane Valley, Sask.:** "I had difficulty seeing the twine when baling with my round baler. I couldn't tell if the twine



was moving or not so I often dumped out bales that weren't tied. I also had bales with twine wrapped all through them because the twine didn't cut off and I didn't realize that it was still going out. I solved the problem by mounting a wooden sewing machine thread spool on front of the baler. The twine travels over this spool, turning it, so I can see at a glance whether the twine is moving. I painted a dark stripe on the spool to make any movement easy to see.

"The pto-operated hydraulic pump on my New Holland haybine is quite heavy and tended to sag on the tractor's pto shaft. The



resulting vibration caused the hydraulic hoses to rub against the haybine frame. I was afraid the hoses would wear through and also that the steel lines they were connected to would fail due to metal fatigue.

"To solve the problem I made a sling for the pump that keeps it running nice and straight. I wrapped a piece of baler belt around the pump and used a pair of square steel plates to bolt the top ends of the belt together. The plate connects to a steel bracket that's welded to the top link on the tractor's

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**Mark Gordin** put together a "tool bus" from a 25-ft. bus designed for handicapped passengers. "It lets us carry more tools than a pickup or cargo van, and we can work inside during bad weather," he says.

## Great Portable Farm Shop

There's nothing better than having a fully-equipped shop on wheels, says Mark Gordin, Jamestown, Ohio, who put together a "tool bus" from a 25-ft. bus designed for handicapped passengers.

Gordin, who bought the 1991 model bus for \$2,400, totally remodeled the interior. On one side of the bus he installed a gas engine-powered air compressor, a 7-ft. long workbench, a roll-around toolbox, and a welding torch and acetylene tank. On the other side of the bus there's a 50-ft. air reel, 4-drawer bolt bin, electric-operated grinder, and a 110 and 220-volt AC/DC Hobart welder-generator. Each side of the bus is wired with three 110-volt outlets, eliminating the need to run an extension cord from tools to the generator.

He converted a remote-controlled wheelchair lift on one side of the bus into a welding table that's fitted with a vise. The wheelchair lift automatically lowers to a horizontal position, providing a handy work station.

Gordin, who grows corn, soybeans, and wheat, says he needed a mobile shop because his fields are located up to 25 miles apart. "The bus lets us carry many more tools than a pickup or cargo van and we can work inside during bad weather. The bus is equipped with a Chevrolet 6.2-liter diesel engine and Allison automatic transmission. It had been well maintained and everything on it worked and was ready to go. All the tires were new.

"I spent about \$7,200 for tools to go inside it. Some farmers spend \$30,000 just for a 1-ton pickup equipped with a utility box, and that doesn't include the cost for tools. Even a used 1-ton pickup equipped with a utility bed costs about \$10,000. Unlike with a pickup, on my bus everything is enclosed so nothing gets wet. The bus has dual wheels on back so it's not likely to get stuck in the field.

"All the equipment inside the bus is bolted to the floor. I had a local muffler shop cus-



On one side of bus he installed a gas engine-powered air compressor, a 7-ft. long workbench, a roll-around toolbox, and a welding torch and acetylene tank.



On other side of bus there's a 50-ft. air reel, 4-drawer bolt bin, electric-operated grinder, and a 110 and 220-volt welder-generator.



Remote-controlled wheelchair lift on one side of bus was converted into a welding table that's fitted with a vise.

tom build an exhaust system, which hooks up to the gas engine on the air compressor and also to the engine on the welder-generator. Exhaust pipe runs through the bus floor and out the back to keep fumes out of the bus."

Contact: FARM SHOW Followup, Mark Gordin, 7290 U.S. Route 35 E., Jamestown, Ohio 45335 (ph 740 948-2838).

## Shift Kit For IH 86 Series Tractors

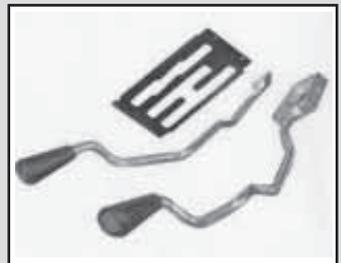
Anyone who owns an International Harvester 86 series tractor will appreciate this new chrome shift lever kit designed for 86 series tractors equipped with 4-speed transmissions. It makes it much easier to get in and out of the cab.

The kit includes a new shifting gate and two chrome shift levers with new-style knobs.

The new kit allows the operator to more easily enter the cab and shift gears without having to lean or bend over. The shift levers angle back farther than the original ones and are also longer, which makes them easier to grab.

Fits all 86 series tractors except for the 1586 model.

Suggested list price is \$155.71. Contact your farm implement dealer and ask for parts number C86SLK.



Chrome shift lever kit makes it much easier to get in and out of the cab.

Contact: FARM SHOW Followup, Hy-Capacity Engineering and Mfg., Box 156, Hwy. 169 South, Humboldt, Iowa 50548 (ph 515 332-2125; Website: [www.hy-capacity.com](http://www.hy-capacity.com)).