



Photo shows a restored tractor hood that had been all smashed in with a lot of dents.

Hood Repair Tool For Deere Tractors

If you've got a Deere 3010-3020 or 4000-4020 tractor with a damaged hood, you'll like this new hood repair tool that helps you accurately re-form the hood nose back to its original factory shape.

The tool consists of an L-shaped steel die that's machined to the original shape of the factory hood. It's made from 1-in. thick steel and measures 4 in. long by 3 in. wide and 1 in. deep. A body hammer is used to re-form the hood nose into the die. Once you complete a section you move the die and repeat the process.

"It returns your tractor hood nose to exactly the right radius and angle," says inventor Dick Sundahl, Faribault, Minn. "You can pound any place on the inside of the hood as long as the hammer hits the die. The tool actually has two functions. It's a die to form the hood sheet metal into place, and also serves as a gauge that lets you know when you've got the hood nose back to its original factory geometry."

"It works fast. It takes only about a half hour to completely re-form a hood back to its original condition."

Sundahl and his tool and die-maker son, Thad, say they looked at a lot of Deere tractors and collected a lot of data before making the die. "It's a fairly expensive tool because of the technology we had to use, which included use of a CNC machining center. We spent a lot of time taking dimensions from as many tractors as we could find in our area, and entered the data into a CAD/CAM. The CAD/CAM made slight corrections on our radii and angle measurements which produced the correct dimensions for the prototype. We have a lot of confidence in the tool we came up with."

They did most of their research on the 3010 and 4010 series because they're so popular, but say the tool can also be used on Deere models all the way up to the 7020's. It can even be used on some early 30 series models like the 6030.

Sells for \$115 plus \$10 S&H.
Contact: FARM SHOW Followup, Sundahls' Restoration Tooling, 1703 Greenwood Place, Faribault, Minn. (ph 507 334-8966; info@sundahltooling.com; www.sundahltooling.com).

They Specialize In Cat Parts

Looking for used or reconditioned parts for Caterpillar equipment? A great place to start your search may be Great Lakes Equipment Company. Since 1933 the company has been serving the heavy equipment industry. With over 26,000 parts in stock, they're likely to have the Cat part you need.

The company purchases used Cat tractors and dismantles them. Each part is inspected and cleaned. If the part is in 'high quality' condition, it's immediately added to inventory. Others are rebuilt and tested before being added to the company's parts list. Parts deemed not worth rebuilding are discarded or offered for sale with full disclosure.

Available parts include everything from engines and transmissions to rollers idlers, final drives, sprocket hubs, frames, wheel assemblies and hitches. Services offered include an undercarriage shop for installation. Attachments are also available.

The company takes special pride in its ability to locate hard-to-find parts. They also offer used parts for Deere, Komatsu, Case, Hitachi and other heavy equipment suppliers.



Great Lakes Equipment Company says it has more than 26,000 Cat parts in stock. They also offer used parts for Deere, Komatsu, Case, Hitachi and other heavy equipment suppliers.

If you have used heavy construction equipment to sell, give them a call.

Contact: FARM SHOW Followup, Great Lakes Equipment Co., 592 Mayer St., Oglesby, Ill. 61348 (ph 815 883-3610 or 800 634-0084; fax 815 883-8082; info@greatlakesequipment.com; www.greatlakesequipment.com).



Enclosed steel rack sets right outside Roger Gutschmidt's shop. "It holds my inventory of steel tubing, angle iron, shafts, flat iron, and 4 by 8 metal sheets," he says.

Enclosed Steel Rack Keeps Inventory Handy

This sharp and tidy-looking "steel shack" is one of Roger Gutschmidt's most useful shop innovations.

"I absolutely love this rack and can't imagine being without it," he says. "Since I'm always working on projects, I'm in it every day. It sets right outside my shop and holds my inventory of steel tubing, angle iron, shafts, flat iron, and 4 by 8 metal sheets."

The storage unit measures about 42 in. wide by 48 in. high, and is 12 ft., 4 in. long. The compartments each measure 5 by 7 in. and are set up in a "checkerboard" pattern.

"I used a checkerboard design because it cut the amount of tubing needed in half," he says. "I have a large upright compartment on the right to hold 4 by 8-ft. sheets of steel. It has a hinged door at each end and I painted it with acrylic enamel automotive paint to match my shop's exterior siding."

(Gutschmidt points out that automotive paint is much more weather and fade resistant than enamel paints like you find at most building supply stores.)

"Storing steel inside the shop is nice, but it takes up a lot of room, and tends to make things look cluttered and messy," he says. "This design keeps my steel organized and it's easy to see at a glance what I have."

Gutschmidt built the steel shack in 2002.



Compartments each measure 5 by 7 in. and are set up in a "checkerboard" pattern, to reduce the amount of tubing needed.

The 25 pieces of 5 by 7-in. steel tubing cost him \$702. The sheet metal for the shell and doors was \$250, and the paint cost \$491.

"This project cost me a grand total of around \$1,500, and that's without my labor, but it has certainly been well worth my investment because it's so handy," he says.

Contact: FARM SHOW Followup, Gutschmidt Manufacturing, LLC, Roger Gutschmidt, 6651 Hwy. 56, Gackle, N. Dak. 58442 (ph 701 698-2310; shopdoc@drtel.net).

Stick-On Roofing Has Lots Of Uses

"It has been used to re-cover mobile home and RV roofs for about 20 years, but people keep coming up with new uses for it," says Tod Windsor, MFM Building Products Corp., about Peel & Seal roofing. It's an aluminum-backed, rubberized asphalt product that you simply roll out and stick in place. "It can be used to patch leaking metal roofs or to seal seams between roofing panels. It has even been used by truckers to patch trailer walls quickly."

Other uses for the product include gutter and flashing repair, as well as sealing seams between aluminum panels on sunroofs. Windsor says it's also used in construction to provide a waterproof seal before putting shingles or other roofing materials over the top.

The aluminum exterior layer reflects sunlight, giving the product its cooling properties. Windsor says Peel & Seal will cool a building by 20 degrees compared to a traditionally shingled roof. This reflectivity has earned it the Energy Star rating, which can qualify for rebates with some electricity suppliers as well as tax credits.

Peel & Seal is available in four colors and



Peel & Seal roofing is an aluminum-backed, rubberized asphalt product that you simply roll out and stick in place.

in widths of 3, 4, 6, 9, 12, 18, and 36 in.

"I know people who use it to patch their cars, and it's great for sealing over nails in metal roofing," says Windsor. "You can cover just the nails or do the entire roof. It's amazingly useful, like a serious piece of duct tape."

Contact: FARM SHOW Followup, MFM Building Products Corp., 525 Orange St., P.O. Box 340, Coshocton, Ohio 43812 (ph 800 882-7663; fax 740 622-6161; twindsor@mfm-bp.com; www.mfm-bp.com).