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Repair Tool Works From Undamaged Threads

Israel's NES Tools dominates the bolt and nut thread repair sector with their NES 1, 2, and 3 external thread repair tools. Their main North American distributor, Anglo American Tools, has been handling the machining tools for over a decade.

Each tool is universal, infinitely adjustable, and doesn't depend on pitch or object diameter.

"You don't need a caliper or pitch gauge," says Stephen Tuck, Anglo American President. "Just open it, size it on the tool, and tighten it firmly enough to spin with your fingers."

During use, two matching and parallel cutters float lightly, finding the thread Vs whether fine or coarse, hard or soft, or left or right-handed. The cutters are made from high-speed steel with 58 Rockwell hardness

built to last for hundreds of uses.

"As you turn the tool, you're gently but firmly pushing the cutter through the damaged threads," Tuck says. "Unlike other thread repair tools, ours starts anywhere on the undamaged thread and works back rather than starting it at the tip or end where the damage usually occurs."

The external thread repair tools come in three basic sizes: the smaller 5/32 to 11/16-in. NES 1A, the 11/16 to 1 1/2-in. NES 2, and the larger 1 3/8 to 6-in. NES 3.

Prices range from \$55 to \$449 plus S&H. Contact: FARM SHOW Followup, Anglo American Tools, 401 Kennedy Blvd., Somerdale, N.J. 08083 (ph 800-223-8600; info@angloamericantools.com; www.angloamericantools.com).



"It works much like a two-part spherical washer that increased the size of the tow ball to be larger," Lierd says.

Easy-To-Use Tow Ball Converter

The Weigh-Safe Clamshell Tow Ball gives you versatility for towing that otherwise requires expensive modifications. "It was developed by Kevin McAllister to change from a 2-in. tow ball to a 2-5/16-in. tow ball quickly and easily," says Braxton Lierd, Weigh Safe community manager. "He was tired of unbolting and bolting on new tow balls every time he had to change trailers."

Weigh Safe entered the towing market in 2013 with a patented trailer hitch ball mount with a built-in scale to measure tongue weight. Since then, the company has built a name for itself with revolutionary products that improve peace of mind.

The converter is compatible with most 2-in. tow balls. The newest clamshell model, released last year, fits the Weigh Safe 2-in. Tow Ball and the 180 2-in. Combo Tow Ball. "It works much like a two-part spherical washer that increased the size of the tow ball

to be larger," Lierd says. "Once the trailer coupler is covering and attached to the ball, the clamshell fills the gap with tough stainless steel, and there's no way it can work its way off."

Despite the size increase, the capacity rating is for the 2-in. tow ball within the shell. It's also best to remove the converter from the tow ball unless towing, as an unweighted converter could detach while driving and cause problems to people and property.

The Converter retails for \$30 on the company website.

"I think the converter is more convenient, cost-effective, and exciting to use than anything else on the market," says Lierd.

Contact: FARM SHOW Followup, Weigh Safe, 420 N. Geneva Rd., Lindon, Utah 84042 (ph 801-820-7020; customersupport@weighsafe.com; www.weigh-safe.com).

Chain Hoist Makes Zero-Turn Clean-Out Easy

Gary Meeks suffered the granddaddy of mower blade messes while mowing behind his barn with his zero-turn mower.

"I got all three blades wrapped up with electric fence wire, plastic shrink wrap, pallet strap, and baler twine," says Meeks. "I knew I needed to get the mower high enough to get at it from below with room for my impact wrench."

Meeks put an old chain hoist to work, hooking it to the sliding door track on an old garage. He knew the track was screwed in solid to the header over the doorway.

"I lifted the mower so the rear frame just touched the ground behind it," says Meeks. "I didn't tie off the pull chain on the hoist, but I would've if I weren't sure about its brake."

Meeks went to work removing the blades. However, the blades wouldn't slide off even with the nuts off. "I had to cut wire and twine just to get them loose and off," he says. "Removing the blades, sharpening, and replacing them took about an hour. I took advantage of having the under-deck exposed to clean out the grass pack and the corners. The grass always flows better when the deck is clean."

"I like to look for a product that can help not just one farmer but thousands and then get it up to scale," he says. "One out of a hundred projects are things that more than that one client can benefit from. I have a lot of projects in the works and try to prioritize the ones with the most potential."

New Ag Supply offers the brackets for use on XP and ME Series Deere planters. They cost \$66 each and include all needed



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Contact: FARM SHOW Followup, Gary Meeks, 238 W. Amber Rd., Verona, Va. 24482 (ph 540-487-0423).

hardware.

Contact: FARM SHOW Followup, New Ag Supply, P.O. Box 347, Chase, Kan. 67524 (ph 620-938-7009; newagsupply@gmail.com; www.newagsupply.com) or Swihart Solutions, 602 E. 5th St., Enterprise, Kan. 67441 (ph 785-477-9854; ej@swihartsolutions.com; www.swihartsolutions.com).

Brackets are available from New Ag Supply for use on XP and ME Series Deere planters.



Brackets Fine-Tune Closing Wheels

When a local farmer came to E.J. Swihart with a problem, the two devised a solution. The problem was being unable to fine-tune the closing wheel downforce on a Deere planter.

"He had an idea of what he wanted, which was a bracket with more adjustability," says Swihart, Swihart Solutions. "I started welding stuff up for a prototype. Several tries later, and I had what he was looking for."

Swihart had a set of brackets that mount to the original tailpiece on the closing wheel. Installation takes less than a minute. With nine holes versus Deere's four holes, the farmer can choose any of nine downforce settings between 10 and 60 lbs. Each setting is spaced 5.5 lbs. from the previous one, with two settings lower than Deere's allowed.

"In addition to increased accuracy

and adjustability, the brackets keep the T-handle centered to prevent the spring from contributing to side drift," says Swihart.

Swihart made a full set of the brackets, which the farmer used for his 2023 planting. The farmer was tickled, and Swihart realized others might like the brackets, too. He showed the brackets to Brian Sieker at New Ag Supply, who really liked them and is now distributing them.

"I do a little of everything in custom fabrication, but what I'm really passionate about is developing new products that increase efficiency and productivity," says Swihart. "I like to work with farmers because they know exactly what they need to make their systems work better."

Swihart enjoys developing a solution as he did with the Set Exact downforce brackets.