

Have You Tried PLASTEX?

It has been around for 16 years but most people still haven't heard about PLASTEX, an amazing moldable plastic repair kit that's used for everything from filling holes in wood, plastic, or glass to restoring damaged threads.

"It becomes part of whatever you're fixing," says inventor Jim Lewis of G.T. Motorsports.

Customers appreciate how easy it is to use. Though it comes in 2 parts, a powder and a liquid, there isn't a specific ratio and it sets up completely in an hour.

Videos on the PLASTEX website show different ways to use it – putting the powder on the piece being repaired, then adding the liquid to blend in, or mixing the liquid into the powder before applying it.

To fabricate a new part, such as a broken tab on a plastic part, warm the kit's reusable molding bar to 120° F until it's like putty, and wrap it around another tab. Then let it harden before removing it.

"It'll mold in such detail that if paint has a superficial scratch, it replicates that," Lewis says. "And the mold is reusable. We sell larger sheets for bigger projects."

To repair a stripped thread, coat a lubricated screw with PLASTEX and screw it in. Once it dries, remove the screw.

"PLASTEX doesn't shrink or expand so you get the same exact size," Lewis says.

Originally marketed to the motorcycle and automotive markets, the repair kits



PLASTEX can be used for everything from making new tabs on plastic housings to restoring damaged threads.

are now used in hundreds of industries. PLASTEX can be used as fill to bridge gaps and repair pvc and irrigation pipe. It even cures in cold temperatures to make repairs on snowmobiles.

PLASTEX is available on the company's website as well as through distributors, Lewis says. It comes in black, white and clear and starts at \$13.95 for a small kit to make a tab or repair a 3-in. crack. Several size kits and refills are available. Check out the website for details and how-to videos.

Contact: FARM SHOW Followup, G.T. Motorsports, P.O. Box 18308, Reno, Nevada 89511 (ph 775 852-4066; www.plastex.net).

"Piranha" Tooth Bar Chews Up Dirt

Harry Clearman says the Piranha is a tooth bar that turns any bucket into a multi-functional piece of equipment that clears brush, rakes out roots, digs, levels and smoothes.

"Most of our products are based on things I needed and then started manufacturing," explains Clearman, inventor and owner of BXpanded, based in North Carolina.

He first tried other tooth bars and decided he could improve the design with a multi-depth tooth pattern with bevels and angles that grab onto small trees and saplings. Once an area is dug or cleared of brush, the flat back drags it smooth. Made of thick, heavy-duty welded steel construction, the bar can be mounted on a bucket in about 15 min. with just one hole drilled on each side.

While originally designed for buckets in the Kubota BX series, Clearman says his business has customized buckets from 34 in. wide for lawn tractors up to 86 in. wide for wheel loaders.

"To get a proper fit, we need an actual



Loader bucket-mounted Piranha tooth bar works great to clear brush and rake out roots.

measurement of the inside width of your bucket where the mounting ears slide into the bucket. We will make the necessary allowances to allow easy installation," Clearman says.

Prices range from \$229 (46 1/4 in.) to \$339 (72 in.). The bars are finished with tough, hammered finish silver and come with mounting instructions and all the necessary hardware.

Contact: FARM SHOW Followup, BXpanded, 4317 Old Lincolnton Rd., Crouse, N.C. 28033 (ph 704 419-5332; www.bxpanded.com).

Smartphone App Marks Rocks In The Field

Dirt Tech is a small technology company started by 4 young farmers whose goal is to create apps that make farming easier. One of their first apps marks rocks in the field.

"Rock Picker is super simple," says Ben Brutlag, Dirt Tech. "It uses your phone's GPS to mark the location of rocks you see to pick up later. The map is displayed on your smartphone, which can be mounted in the cab for quick access."

The app can be modified for different trailing equipment. A 60-ft. planter can be split into as many as 5 sections on the screen. As it travels across the field, when a rock is seen, a mark is placed within that section.

The map is simply used later as a guide to find the rocks. The map can be shared with others, and a file on one smartphone can be

constantly updated on a second phone or tablet.

"You can have a guy on a planter marking rocks he sees and a second guy following on an ATV and picking up the rocks," says Brutlag. "The navigation features on the app will guide him to the nearest rocks. Once he has picked a rock, he can mark it as picked."

Rock Picker is available for use with either Apple or Android systems. Dirt Tech offers the app for \$50 a year. A 14-day free trial is available.

Contact: FARM SHOW Followup, Dirt Tech, 918 W Division St., Elbow Lake, Minn. 56531 (ph 218 731-2117 or 218 234-5858; Ben@dirtech.com; www.dirtech.com).



Steve Zook built skid loader-style couplers for the dozer arms on his crawler tractor.

He Uses Skid Steer Tools On Dozers

Steve Zook wanted to get more use out of his crawler tractor, so he built skid loader-style couplers for the dozer arms so he can use any skid steer attachment.

"The quick-tach couplers can be mounted on wheeled tractor loader arms as well," says Zook, Glendale Repair, LLC. "Our cost is about half that of OEM quick couplers."

The idea for using quick attach units with his crawler tractor came when Zook stopped by a local salvage yard. A number of brand new quick-tach units had been scrapped. Zook brought a few home and fabricated mounts for his crawler loader arms. Several neighbors asked him to supply mounts for them as well.

"When the salvage yard ran out of junked units, a neighbor with a machine shop started making them for us," says Zook. "We continue to make the mounts for them."

Zook uses his with a scoop bucket, bale spears and pallet forks. One neighbor uses his with a bale mover.

Although most of Zook's sales have been in the local area, he says he can ship the 200-lb. units anywhere. The modified quick-tach



He uses his quick-tach couplers with a bucket, bale spears and pallet forks.

units run about \$600 plus shipping.

"All we need to make the brackets for a crawler tractor is the size of the pins on the loader arms, how far apart the top and bottom pins are, and the widest points of the loader frame with inside measurements," says Zook. "People can call or just send an order with those dimensions."

Contact: FARM SHOW Followup, Glendale Repair LLC, 241A Williams Run Rd., Christiana, Penn. 17509 (ph 610 593-2942).



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