

Original Grease Buster™ Loosens Up Frozen Fittings

“The Grease Buster™ tool might be the handiest tool to come along since the adjustable wrench. We now have 20 years of satisfied customers,” says inventor-manufacturer, Paul Michener.

An aircraft mechanic won a \$2,500 bonus for reducing the cost of maintenance on landing gear on air freighters using the Grease Buster™ tool. It forces solvent into a fitting and/or bearing.

A new pneumatic piston fits only the shop-size Grease Buster. It's powered by a pneumatic hammer. The shop-size Grease Buster, using the pneumatic piston, is much more effective and faster at cleaning out fittings as the pneumatic hammer will produce 30 to 40 hits in the same time one can tap the shop size piston 3 or 4 times with a hammer.

Ordinarily the fitting will either free up instantly, or the process may be repeated

until the solvent has had time to work says Michener, now retired from the hay business. Michener developed the Grease Buster to solve the problem of fittings that would not take grease. Once solvent flows freely into the fitting, grease can then be injected with a grease gun to displace the solvent in the fitting.

The Shop size Grease Buster was introduced in the fall of 2001. It has a 7/16-in. diameter. Overall it's a stronger tool and it has about twice the capacity of the original tool. The Grease Buster tool is available retail or wholesale, with quantity discounting available for bulk orders. The Regular size tool is \$42, and the Shop size is \$52, plus \$5 shipping.



The Grease Buster tool comes with a one-year limited warranty. Using the tool without solvent or disassembly voids the warranty.

Contact: Grease Buster, T-J Tools Ltd., P.O. Box 120, Waynesville, Ohio 45068 (cell ph 513 312-5779).

Reader Inquiry No. 95

“No Clog” Easy-Clean Drop Nozzle Filters

The only thing better than an easy-to-clean drop nozzle filter is one that is almost impossible to clog. That's what Gerald Beer, American Agriculture Products, came up with on his farm near Guymon, Okla.

“When I switched from flood irrigation to center pivots, I got an education in cleaning sprinkler nozzles,” says Beer. “It takes time to walk the length of a sprinkler to clean filters. If you don't keep them clean, a drop nozzle can clog up, and before you know it, the crop is stressed or dying. It's not a job I enjoy doing, so I started working on an alternative.”

What Beer came up with was a filter to fit between the hose and the regulator on drop nozzles. The hard plastic screen has 540 5/64-in. holes in it.

“The popular #9 Nelson nozzle orifice for drop tube nozzles is also 5/64-in.,” notes Beer. “You could plug up all but one hole in the filter and still have enough water flowing through to maintain your water pattern in the field.”

Beer estimates his filters will only need to be flushed clean once a year on most irrigation systems. Even in cases where water carries heavy loads of sand and sediment and more frequent flushing is needed, it's easy to do.

“Just push up the small release valve on the side of the filter,” says Beer. “The water pressure will quickly flush out the sediment.”



Filter fits between the hose and the regulator on center pivot drop nozzles (left). To flush out sediment you just push up a small release valve on side of filter.

Beer is confident his filter will last a lifetime. The UV protected plastic filters have been tested at pressures as high as 150 psi. Made in Dallas, Texas, the filter uses the same hard black plastic as is used for drop nozzle regulators.

“I have regulators that have been in place for 20 to 25 years,” says Beer. “I expect the filters to last at least as long.”

While regulators and hoses can suffer winter damage if left undrained, that's not a problem when Beer's filters are installed. An unexpected benefit of the release valve is its auto-drain feature.

“We didn't know it when we designed it, but when the water pressure shuts off, the valve releases on its own,” relates Beer.



“The hose and filter drain out completely, and water is sucked back up out of the regulator.”

Beer's American Agriculture Products is selling filters for \$20 each in boxes of 50. Currently he is selling them direct with a flat shipping rate of \$25 per box. Filters can be ordered by phone or via the company website.

Contact: FARM SHOW Followup, American Agriculture Products, P.O. Box 1392, Guymon, Okla. 73942 (ph 580 338-7104; cell 580 651-0377; americanagprod@ptsi.net; www.americanagricultureproducts.com).

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