

BEATER PAN REPLACEMENT KEEPS GRAIN FROM GOING OUT BACK

Grain Saver For IH Axial Flows

"Our customers tell us they pay for it in two days harvesting," says Doug Vincent, an International Harvester dealer in Woodstock, Ont., who's selling a special-built grate that replaces the beater pan on IH Axial Flow 1440 and 1460 combines.

The grate was developed by one of Vincent's customers, Charlie Shelton, when he found he was losing too much grain out the back of his combine.

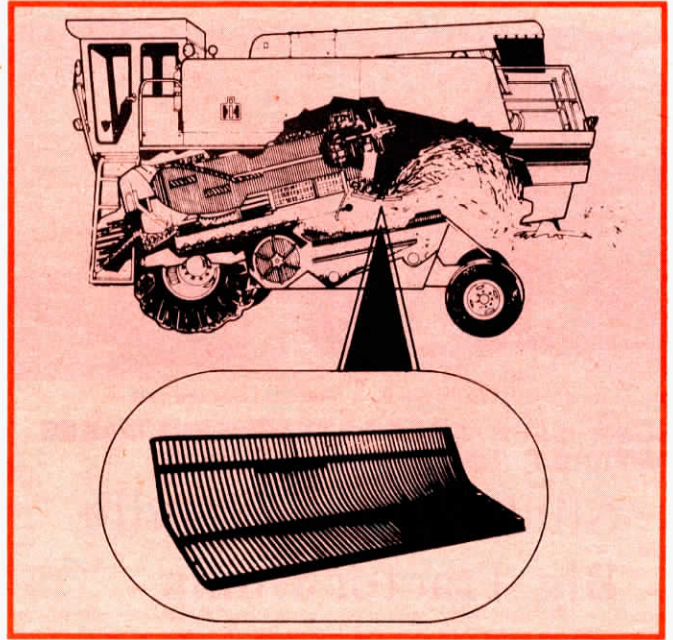
Vincent says the beater pan, positioned just behind the rotor, has a tendency to throw some grain out the back, particularly in tough, high moisture crops. "The loss is reduced or eliminated with our replacement grate because loose grain can fall through it to the sieve rather than go

out the back with the trash," Vincent told FARM SHOW. "It's also easier to fine tune the machine with this grate installed because when you're able to catch that extra grain at the back, you don't have to be quite so exact."

The replacement grate is the same size as the beater pan and simply bolts in place of it. The grate has $\frac{3}{8}$ -in. rods on $\frac{3}{4}$ -in. centers. Installation takes 15 min. or less, according to Vincent.

Sells for \$275, and works equally well in corn, beans, or small grains.

For more information, contact: FARM SHOW Followup, Vincent Farm Equipment Ltd. Box 131, Hwy. 2W, Woodstock, Ontario, Canada N4S 7W8 (ph 519 423-6264).



Grate mounts in place of beater pan so grain falls through sieves rather than going out the back with trash.

"BOLT OUT" EXTRACTION KIT

Easy Way To Remove Stubborn Bolts

Stubborn bolts that are rusted in or broken off can be easily removed with your welder, thanks to a new device called "Bolt Out".

The procedure works for almost any kind of imbedded bolt or stud, such as those on cylinder heads, oil pans, drawbar supports, or wheel lugs.

Removing a stuck bolt involves

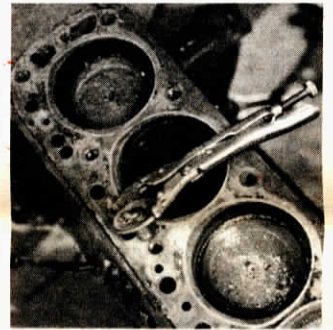
welding a disk onto the imbedded part so that it can be gripped with a wrench and unthreaded. The "Bolt Out" kit consists of a universal clamp, a splatter guard to keep out slag, and extraction discs in sizes for $\frac{3}{8}$ in. to 1 in. dia. bolts. The splatter guard and clamp are reusable. The extraction discs are expendable.

"Bolt Out is effective for the re-

moval of broken steel studs from any housing or casting," says John Vessels, who manufactures the kits. "There are no drill press cuttings to clean out, and the housing and threads are much safer from damage. And, you don't have to be an expert welder to remove broken bolts with the kit."

Retail price of a splatter guard and universal clamp set is \$16. Sets of five extraction discs range in price from \$7 to \$9 per set.

For more information, contact: FARM SHOW Followup, Vessels Enterprises, Rt. 1, Box 69, Webster, Ky. 40176 (ph 502 496-4513).



Disc that welds to imbedded bolt can be gripped with a wrench and unthreaded.

ASSURES THAT MILK IS DRUG-FREE BEFORE SHIPPING

New On-Farm Test For Antibiotics

Newest management tool for dairymen is the "Delvotest Farm Kit" that lets you check to make sure milk from a previously treated cow is free from antibiotic residues before adding it to the bulk tank.

The kit from GB Industries Inc., Charlotte, N.C., is "quick and accurate" and costs only \$1.90 per milk sample to test. It includes 10 ampules containing spores of a test strain that will not grow in the presence of penicillin and 14 other antibiotics that could appear in the milk. The kit also includes nutrient tablets, a drying agent, foam liner, tweezers, dosing syringe to pull the milk sample, and syringe tips. You'll also need an electric block heater to heat the samples or water bath.

The testing procedure involves taking a .1 ml. sample of milk from

the treated cow and placing it in an ampule into which you've placed, with tweezers, one of the nutrient tablets. Next, place the ampule in the block heater, set at 149° F, for 2½ hours.

After 2½ hours, you can tell by the color if the milk contains antibiotics. A yellowish color indicates that antibiotic residues are below the lowest detection limit, while a purple color means detectable antibiotic residues are present in the milk.

The 10 ampule kit sells for \$18.75, plus shipping. The block heater, capable of heating 8 ampules at once, sells for \$95.

For more information, contact: FARM SHOW Followup, GB Fermentation Industries, Inc., P.O. Box 241068, Charlotte, N.C. 28224 (ph 704 527-9000).

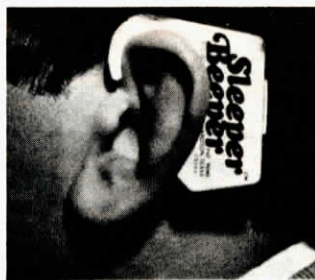
"Sleeper Beeper" Device Awakens Dozing Drivers

If you sometimes have trouble staying awake while driving, whether it's on a tractor working in the fields or in a truck driving down the highway, maybe what you need is a "Sleeper Beeper".

Available from the Sleeper Beeper Corp., Richardson, Tex., the unit fits behind your ear and sounds an alarm when your head drops more than 22°. The alarm shuts off as soon as you straighten your head.

"It is not intended as a substitute for sleep but rather as a warning device when you start to doze at the wheel. This should be a signal for you to stop, get a cup of coffee or rest until you are alert enough to drive safely," explains Gary Thomas, manufacturer.

The lightweight unit (weighs $\frac{1}{2}$ oz.) fits on either ear and over glasses. Comes with a holder to mount on the dash or visor.



Tucked behind your ear, the Sleeper Beeper sounds an alarm when your head nods.

Sells for \$19.95, plus \$2.50 postage and handling.

For more information, contact: FARM SHOW Followup, Sleeper Beeper Corp., P.O. Box 1202, Richardson, Tex. 75080 (ph toll free 800 543-3000).