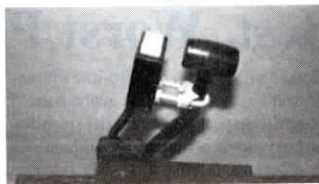


Header Control Switch For Deere Combines

You can give your 100 or 20 Series Deere combine the same header control found on new 9000 Series combines with a new "thumb activated" header control switch that attaches to the existing hydrostatic control lever.

Designed for combines with automatic header height control or Dial-A-Matic, the add-on kit lets you control header height by thumb without ever taking your hand off the hydrostatic lever. "With simultaneous control of hydrostatic functions and header height control in one hand, operators experience faster response time and less fatigue," says farmer-inventor Mark Burrow, noting that the original height control lever can still be used after the kit is installed. "But operators who've already tried the kit say they seldom do because our system is so convenient and header height changes are smoother and more precise."

The add-on kit consists of the switch,



mounting hardware, wire harness, connectors and complete installation instructions. Takes 1 to 2 hrs. to install, since it simply wires into the existing controls.

"We've tested it on our combine for two years and on four other neighboring farms last fall with excellent results," says Burrow. Sells for \$75.

For more information, contact: FARM SHOW Followup, S.I. Distributing, 03221 Barber Werner Rd., St. Marys, Ohio 45885 (ph 419 647-4444 or 394-2989).



Nifty Way To Mount Combine Duals

The last three harvests have been wet ones for Australian farmer John Haigh who farms near Gunnedah in New South Wales. In order to get through the boggy, black soil he farms, he mounted dual front wheels on the two N-7 Gleaners he operates.

But because Haigh was worried about the extra strain the duals would put on the combine axles, he came up with an innovative mounting system that lets the duals "float" over fields.

He bought second-hand 24.5 by 32 rims and tires to add to the 30.5 by 32-in. tires already on the combines. "We got tires with only 10 percent of the tread left on them so most of the weight is still taken on the inside wheel, with the outside ones being used mostly for flotation."

The add-on wheels are held in place by six high-tensile chains tightened by bolts, with a steel spacing ring between each pair of wheels. The chains allow a slight bit of slip that also helps relieve strain on the axles. Haigh says it took about a day to fit each combine with duals and cost about \$1,500 per machine.

Since equipping his machines with duals he's harvested hundreds of acres of crops in standing water. He says the water keeps the tires clean but under wet conditions he has had problems with mud balling up between duals.

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New "Low Profile" Combine Bin Extension

If you own a Deere or Case-IH combine, you'll like this compact new "low profile" bin extension that lets you add an extra 70 to 110 bu. capacity to the grain tank while adding just 14 in. to the grain tank height.

"We've used it since 1979 on our own combines," says Bob Maurer, manufacturer. "It lets combines fit under most machine shed doors without having to fold the bin extension down. If height is still a problem you can fold the extension down. It also takes stress off the bin's fill auger, because it doesn't have to push grain up so high, reducing auger wear. It also lowers the

combine's center of gravity."

The extension is made of four metal side panels and four metal corner panels that mount on a two-part frame at the top of the tank. In 5 minutes, you can remove the sides and store them inside the tank, fold the corners down over them, and return the combine to its original height for transport or storage.

Sells for \$650 to \$730 depending on combine model.

For more information, contact: FARM SHOW Followup, Maurer Mfg., Inc., Rt. 2, Sutherland, Iowa 51058 (ph 712 933-2758).

2-In-1 Alarm Monitors Shafts, Seed Hoppers

New 2-in-1 alarm monitors both rotating shafts and the level of seed in hoppers, setting off visual and audible alarms if a shaft stops turning or the level of seed in a hopper gets too low (grain drill) or too high (combine).

Developed by Field Technologies, Lisbon, Iowa, the new shaft/bin monitor is available with two types of sensors. The shaft sensor consists of a magnetic ring that clamps onto the shaft being monitored and a monitoring sensor that mounts alongside. If the ring stops turning, it sets off the alarm in the cab. Works on shafts turning as slow as 1 rpm up to high-speed shafts spinning at 2,000 rpm's.

The bin level sensor consists of an optical sensor that mounts on the sidewall of a grain tank or seed hopper.

The monitor is available with 1, 2 or 4 channels to monitor any combination of bins or shafts.

"It's ideal for both combines and grain drills because you can keep track of both

shafts and hoppers. We can custom-build larger monitors for big drills that'll let you monitor as many as 64 shafts bins at once," says Doug Barmby, company representative.

A 2-channel unit for monitoring one shaft and one bin sells for \$227.

For more information, contact: FARM SHOW Followup, Field Technologies Ltd., 223 West Main, Lisbon, Iowa 52253 (ph 800 238-6042 or 319 455-2263).



Sharpening Cones Back On Market

"Cost of replacement sickle sections is way up. Farmers are starting to look at sharpening their own again, the way everyone used to do," says Don Thorson of A.E. Thorson & Sons Manufacturing which sells hard-to-find high-grade grinding "cones" for do-it-yourself sickle sharpening.

The company makes 3 1/2, 4 1/2 and 5 1/2 in. dia. cones designed to fit existing sickle sharpening machines or the mandrel of any grinding wheel. Thorson also sells sharpening machines, which it has produced since the 1950's. Although demand fell off to practically zero for many years, it has been picking up recently with the renewed interest in do-it-yourself sharpening.

"It's amazing how many farmers and ranchers have old sickle sharpening machines sitting around the farm. It has been difficult to locate grinding cones to fit them, since many of the manufacturers who made them have gone out of business. We were approached by ranchers looking for the cones and were able to contract with a grinding stone manufacturer to produce what we needed. These stones are of much higher quality than other sickle grinding stones which have periodically come on the market over the years," says Thorson.

He says much interest in sharpeners comes from ranchers who cut wild hay or grasses, which require extremely sharp sickles.

Height Gauge For Combine Headers

You'll like this simple new combine cutting height gauge. It consists of a fiberglass rod, attached by cable to combine feederhouse.

A 24-in. long spring-loaded cable, connected to the bottom end of the 5/16-in. dia. fiberglass rod, hooks onto the feederhouse. A scale numbered in increments of 4, 8, 12, 16, and 20 in. mounts on the windshield inside the cab. As the feederhouse goes up and down, the fiberglass rod moves up and down the scale, showing you exactly how far the cutterbar is off the ground.

"It takes the guesswork out of setting your combine header. You can see the rod and all of the numbers as well at night as during the day," says Ernest Lokken, inventor.

A 1/2-in. dia. pipe serves as a guide for the fiberglass rod and is screwed onto the cab just below the windshield.

Sells for \$69.95 (Canadian) or \$59.95 (U.S.).

For more information, contact: FARM SHOW Followup, Lokken Ag Innovations, P.O. Box 1345, Weyburn, Sask. Canada S4H 3J9 (ph 306 456-2518).

The smallest 3 1/2 in. dia. cone fits most sickle sharpener machines. The larger 4 1/2 and 5 1/2 in. cones mount on regular grinding wheels. The cones range in price from \$15 to \$35. The company makes two sickle sharpening machines. One sells for \$160 and the other for \$400.

Contact: FARM SHOW Followup, A.E. Thorson & Sons Manufacturing, 1685 East Side Hwy., Corvallis, Mont. 59828 (ph 406 961-3493).