

HELPS SERVICE YOUR OWN TIRES

New On-Farm Tractor Tire Bead Breaker

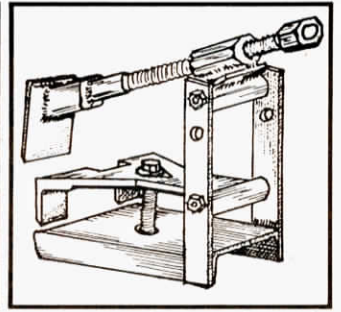
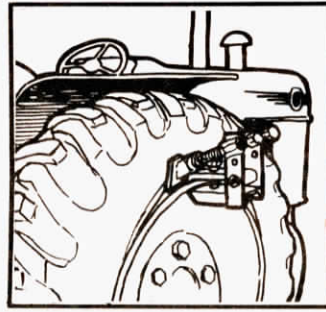
A new tractor tire bead breaker invented by Joe Edwards, and son Danny, farmers in Rocky Mount, N.C. clamps to the rim of the tractor wheel.

A "push arm" fits up tight against the bead and sidewall of the tire and is tightened in by a nut welded to its opposite end. On most tractor tires, just one break is enough to loosen the entire tire.

"You can use it in the field or the shop. There's no need to remove the

wheel from the machine," says Danny. "Many farmers have equipment to handle front tractor tires and pickup tires but there's never been a good way to change rear tractor tires by yourself."

The bead breaker also works on some large truck tires but will have to be used in more than one spot on the rim. A larger bead breaker, equipped with two push arms, is available for the biggest tractor tires and tires on



Bead breaker clamps to the wheel rim. Just one "break" releases the bead on most tractor tires.

large construction equipment.

The bead breaker sells for \$69.95 plus shipping.

For more information, contact:

FARM SHOW Followup, Joed Corporation, Rt. 4, Box 194, Rocky Mount, N.C. 27801 (ph 919 442-4384).

LETS YOU BRING COW, CALF IN TOGETHER

Baby Calf Blanket

"It's the greatest thing since football," says South Dakota rancher James Anderson of the special blanket his wife Dorothy designed and made for bringing in baby beef or dairy calves.

"We've used sleds and other devices but nothing we've tried works as slick as this new-style blanket," says James. His wife Dorothy has applied for a patent on her unique calf blanket and is busy manufacturing them right on the ranch, using a special sewing machine.

The 4 by 6 ft. blankets are made from an extra tough vinyl-type material called Herculite. "The material handles like silk and wears like steel," explains Dorothy.

You simply roll the calf on the blanket and wrap a rope or calf-pulling chain around its back or front legs. The rope (or chain) is threaded through loops in the blanket.

"You have complete control of the calf — it can't slide off the blanket, which often happens with other sled-type transports," Dorothy points out. "It doesn't seem to make any difference if you pull the calf from the front or the back legs. The mother cow can see and smell the calf, which makes transporting much easier. Area ranchers have used the blankets to move calves several miles by hand, horse, pickup, and even with 3-wheelers — with no adverse effects on the calves, and no sign of wear on



Calf Blanket "handles like silk and wears like steel", according to Dorothy Anderson.

the blankets, even where they were drug over sagebrush. The material slides easily over all surfaces and isn't adversely affected by extreme hot or cold temperatures," Dorothy points out.

Individual blankets weigh 3½ lbs. and fold up to fit under your arm, or

in the cubbyhole of your car or pickup. They retail for \$35, including shipping.

For more information, contact: FARM SHOW Followup, Dorothy Anderson, Rt. 1, Box 26, Highmore, S. Dak. 57345 (ph 605 852-2440).

IMPROVES PICKUP IN DOWNED CROPS

"Swing Angle" Hitch For Pull-Type Combines

A new "swing angle" hitch that provides better pickup and practically eliminates side draft is a big hit with Canadian operators of pull-type combines who've had a chance to try it.

Developed by Manitoba farmer and engineer Alex McWilliams, the new hitch swings the entire combine body by up to 22° to approach the windrow at an angle rather than head-on. McWilliams says the idea will also work on self-propelled combines by angling the header out in front of the combine and extending the feederhouse.

"It simply makes the pickup more efficient. The pickup fingers cross the swath at an angle, picking up the crop crosswise. It lets the combine pick up any swath quickly and without hesitation so the crop isn't dragged or missed completely. The device is particularly good in thin or downed crops. Any pickup can handle a good swath but, when conditions are bad, there can be a tremendous amount of

loss," explains McWilliams.

Installing the angle kit on a pull-type combine brings it in directly behind the tractor. This puts the pto shaft in a straight line which cuts down on vibration and, according to McWilliams, practically eliminates the side-draft problem with most pull-type combines. "It also lets operators get into corners and works great in shattering crops because it gets them onto the draper faster. When unloading, it's handy because, by swinging it around, it gets the auger out farther so there's less maneuvering by tractor and truck," says McWilliams.

The add-on kit consists of hydraulic cylinders that fit on either end of the pull-type combine axle. Acting as a sort of tie rod, it turns the wheels "on the go" to varying angles up to a maximum of 22°. In different fields, the inventor says, you can vary the angle for the best pickup to adapt to whatever shape the swath happens to be in.



Hitch lets combine approach the windrow at a 22° angle so pickup fingers can more easily pick up thin or downed crops.

"Farmers already do what this add-on kit does when they zig-zag their combine back and forth across the swath. This just makes it easier to do," says McWilliams.

The add-on hitch kit is currently available only from Coop Implements as an option on the company's pull-type combines that sells for \$2,000 to \$3,000. McWilliams is looking for other manufacturers to offer the kit as option on their machines and he says he plans to offer the angle kit as a

do-it-yourself add-on for existing pull-type combines in the near future. He has also designed a kit for conventional self-propelled combines which will turn the header of an angle to the swath, extending the combine feederhouse.

For more information, contact: FARM SHOW Followup, Alex McWilliams, Box 168, Pilot Mound, Manitoba ROG 1P0 (ph 204 825-2861).