

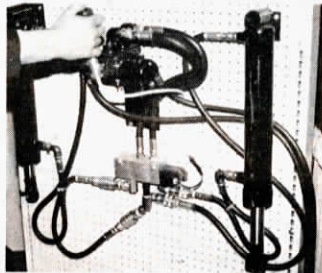
OPERATE TWO HYDRAULIC SYSTEMS WITHOUT SWITCHING HOSES

Hydraulic Diverter Valve

You can operate two hydraulic services with one double-acting valve thanks to a new plug-in solenoid-activated diverter valve that splits hydraulic flow between two applications with a remote control switch.

The add-on valve plugs into existing hydraulic ports with a pair of hoses and has four outlets for running two sets of hydraulics. A 12 or 24-volt powered solenoid mounted on the valve is controlled by a thumb switch on the existing hydraulic lever. The add-on valve handles flow up to 32 gpm at up to 4,200 psi and flow can be switched from one set of hydraulics to another at any rate of flow or pressure.

"It eliminates the need to constantly climb off the tractor to switch hoses and it's much less expensive than a modification of the tractor hydraulic system," says Martin Derks of Shelmar Products, who notes that the diverter valve could also be mounted directly onto any piece of equipment that requires double hydraulics, such as a large grain cart that has a hydraulically controlled auger and unload



chute. That way you can operate the cart with any tractor that's equipped with one double-acting valve.

The valve sells for \$450.

For more information, contact: FARM SHOW Followup, Shelmar Products, P.O. Box 29, Chesterville, Ontario K0C 1H0 Canada (ph toll-free 800 267-0740 or 613 448-3856).

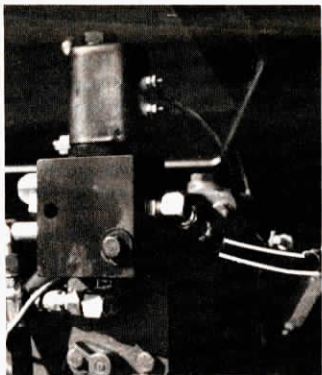
INSTALL IT YOURSELF

Low-Cost Way To Add Extra Hydraulic Outlet

Having an extra "store bought" hydraulic outlet installed on farm tractors generally costs upwards of \$1,000 or more. You can do it yourself for only \$245, thanks to the new Remote Plus, introduced by FBS Corp., Cozad, Neb.

The add-on outlet ties into your tractor's existing hydraulic reservoir and takes less than an hour to install, says Mark Fasse, sales manager. Its battery-operated, 3 position flow control valve provides "finger tip" control right from the tractor seat. The flow regulator adjusts valve output from 0 to 3 gpm (model RT300). A 6 gpm Remote-Plus (model RT600) is available for \$325. Both models are available for closed or open center hydraulic systems.

For more information, contact: FARM SHOW Followup, FBS Corp., Rt. 2, Box 104, Cozad, Neb. 69130 (ph 308 784-3355).



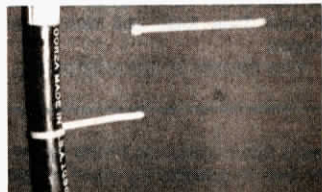
add-on outlet ties into your tractor's existing hydraulic reservoir and takes less than an hour to install.

"Color Alert" Markers

Here's a handy, low-cost way to make sure there are no mistakes when hooking up multiple hydraulic hose connections. Just put matching "Color Alert" marker tags on all matching male and female connections.

"Even inexperienced operators can make complicated hookups without any problem, thanks to these new color-coded markers," the manufacturer points out. "The self-locking plastic ties will usually outlast the hose to which they're attached. When you replace the hose, we suggest putting on new color markers since the old ones are virtually impossible to remove, except with a knife."

Markers are available in 8 different colors. A starter packet of 8 markers (2 red, 2 blue, 2 yellow and 2 brown) sells for \$2, plus 50 cents per order for postage



and handling. Packets of eight markers are also available in all of the same color, or in four of one color and four of another.

For more information, contact: FARM SHOW Followup, Cal-Mark, Rt. 1, Box 109, Callaway, Minn. 56521 (ph 218 375-4395).



Two hydraulically-powered spur gears are turned mechanically on a screw to adjust "work angle" on the go.

LETS YOU ADJUST LINKAGE RIGHT FROM TRACTOR SEAT

Powered Top Link For 3-Pt. Hitches

You'll like the price tag on PowerLink, a new hydraulically-powered top link adjustment for 3 pt. hitches from FBS Corp., Cozad, Neb., that lets you adjust the work angle of equipment "on the go" right from the tractor seat.

Priced at \$495, it fits all category II and III 3 pt. hitches and, by pulling two pins, can be easily moved from one tractor to another. Two hydraulically-powered spur gears are turned mechanically on a screw to adjust "work angle" to whatever increment is desired on the PowerLink's 8-in. stroke. An optional 5 memory digital monitor records every 1/10 turn of the screw, making it easy for the tractor operator to always know the exact working position of 3 pt. equipment, explains Mark Fasse, sales manager. Also optional is an install-it-yourself,

electric-control hydraulic outlet for use on tractors on which all existing hydraulic outlets are committed.

Fosse cites the following applications for the new PowerLink:

- To pull up wide equipment so you can cross ditches, or turn on the ends without scalping crops or furrows.

- To adjust the "work angle" of tillage equipment "on the go" to compensate for changes in soil type, terrain, traction, or whatever.

- To hook up to 3 pt. equipment without having to get off the tractor to hand-adjust the top linkage.

For more information, contact: FARM SHOW Followup, FBS Corp., Rt. 2, Box 104, Cozad, Neb. (ph 308 784-3355).

ELIMINATES BENT SHAFTS AND LEAKY SEALS CAUSED BY VIBRATION

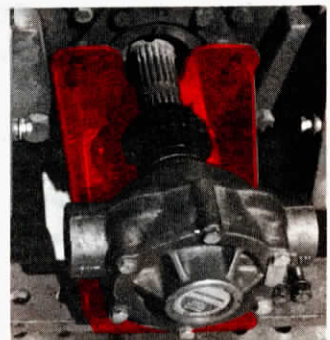
New Pto Bracket Stops Spray Pump Problems

"You almost can't believe the way it remedies pto pump problems," says farmer-inventor Neil Rowe, Garwin, Iowa who manufactures the "Pump Doctor" bracket for pto spray pumps.

When used together with a chain flex coupler, Rowe says the bracket solves most problems associated with pto pumps, including vibration and the leaky seals and bent shafts it can cause.

"I've fought this problem for 30 years on my own equipment. Most pto shafts get bent or slightly distorted once they're used. A 5 thousandths of an inch distortion is enough to cause a tremendous vibration when you mount a pump. Our bracket holds the pump rigidly to the tractor frame and the flex chain coupler eliminates the effect of the distortion in the shaft," says Rowe, noting that use of the chain coupler alone wouldn't solve the problem because the chain can't adequately support the weight of the pump and hoses.

Rowe makes brackets to fit nearly every combination of tractor and Hypro or Delavan pumps. On most tractors the bracket fastens with four bolts to the pto bearing retainer bolt circle around the



"Pump Doctor" bracket holds pump rigidly to tractor frame to eliminate bent shafts, vibration and other problems.

shaft, and attaches to the pump with four bolts. No drilling is required. Pump Doctor brackets range in price from \$114 to \$129.

For more information, contact: FARM SHOW Followup, Neil Rowe, Pump Doctor, Garwin, Iowa 50632 (ph 515 499-2119).