

Add-On Power Steering Kits

“We are in our eleventh year of building custom power steering for tractors, implements and off road vehicles” says Roland Jackson, president of Jackson Power steering.

Specifically Jackson specializes in the following tractors:

- Ford 8N, Jubilee/NAA, 600 Series, 800 Series, 1000 Series and the Ford Industrial tractors
- International Harvester 300, 330 and 350 Utility and Farmall tractors, and the H and M Farmalls.
- Oliver Super 55 and 550 tractors
- John Deere 750, 850, 950 and 1050 compact tractors.

“In addition, says Jackson, “We are always looking for different makes and models of tractors to build steering for. In the past, we have had customers bring their tractors to us from as far away as New York State.”

Jackson Power Steering offers two types of power steering. One is Hydrostatic Power Steering; the other is the Torque Generator type.

The Torque Generator type of steering is a unit that is spliced into the steering shaft. Actually, it is a directional control valve combined with a motor to assist turning the steering shaft going to the steering gear box. It provides very good steering in those applications where one has 9 in. of steering shaft space to fit the unit into. The Torque

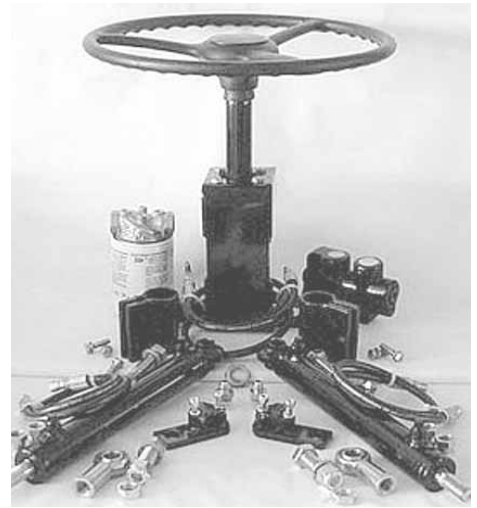
Generator is not meant to be installed on vehicles going over 20 MPH.

The Hydrostatic power steering will upgrade the steering on your tractor to equal the steering ease of a car. There will be no mechanical link between the tractor’s steering wheel and the front wheels. Therefore you will not have to spend the money to restore the tractor’s steering gear box. In tractors where the internal tractor hydraulics is not sufficient to power the steering, a front-mounted loader pump is used, on tractors fitted with a loader.

To install the unit, you simply remove your tractor’s original steering wheel, steering column, and steering worm gear. All those original parts can be placed in a storage box and stored away in case you want to go back original some day. The steering unit would mount on the top of your present steering gear box, with its own steering wheel, steering column steering control unit and bracket. Once installed, it is hard to see the steering control unit since it looks factory.

The steering unit uses a priority flow valve to divide the flow, giving the steering unit all the fluid it wants, and then sending the rest to the 3-pt. hitch and loader. This gives you effortless steering regardless of the load on the loader or the speed of the engine.

The steering unit is built so anyone can



install it using standard tools. Excellent instructions with lots of pictures are provided. In addition, factory help is as close as the phone if the customer has questions.

There is much more information, regarding the steering unit, at the Jackson website: www.jacksonpowersteering.com

Included are customer testimonials, pictures, video, and a section of questions and answers about the steering unit.

Contact: FARM SHOW Followup, Jackson Power Steering, 17321 NW V Road, Jetmore, Kansas 67854 (ph 620-357-6546; email: sales@jacksonpowersteering.com).

Reader Inquiry No. 127

Carbide-Tipped Chain Saw Chains

Equip your chain saw with a carbide-tipped chain and it’ll stay sharp up to 15 to 25 times longer than a conventional chain in tough cutting conditions, says Rick Fowler, Rapco Industries, Inc., Vancouver, Wash.

The company is a leading supplier of chain saw chains for specialty cutting applications.

The carbide-tipped chains are available in nearly all pitches and gauges to fit most chain saws, and can be customized to specific cutting requirements.

“Carbide-tipped chains aren’t new - we’ve been selling them for more than 28 years. Our main customers are fire departments, construction crews, and anyone who does demolition work,” says Fowler. “However, farmers and ranchers can benefit from them, too. They work great for cutting abrasive wood such as fallen trees, removing tree stumps and roots, railroad ties, and so forth. They also work great for cutting firewood. When a conventional chain accidentally contacts the ground, you’ll get a dull chain right away. That won’t happen with a carbide chain. They also work great when cutting along fence rows, where trees have grown



Carbide-tipped saw chains stay sharp much longer than conventional chains, and don’t have to be replaced as often.

into the fences and you might run into nails or wire.

“One customer told us he uses his carbide-tipped chain to cut cedar trees growing out of rocks, where it was impossible for him to keep from catching the chain on a rock now and then. They also work great for cutting through plastic and fiber.”

Carbide-tipped chains cost about six times more than standard steel chains, says

Fowler. “We sell the chains for \$2.00 per drive link, which typically works out to about \$144.00 per chain. A conventional chain sells for about 35 cents per drive link, which works out to about \$20 to \$25 per chain. However, to many people the labor saved in not having to sharpen chains all the time and not having to replace them as often is worth the extra cost.”

The company offers two types of carbide-tipped chains. Fowler recommends either the Camfer or Chisel style for farmers and ranchers.

The chains are resharpenable, but you have to use a diamond sharpener which the company sells for \$5.45 plus S&H.

Contact: FARM SHOW Followup, Rapco Industries, Inc., 6000 N.E. 88th St., Suite D-104, Vancouver, Wash. 98665 (ph 800 959-6130; fax 360 573-0046; rick@rapcoindustries.com; www.rapcoindustries.com).

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