



Farmall "B" Repowered With V-8 Engine

Repowering a 1940 Farmall B with a V-8 pickup engine produced what Kermit and Stuart Heckenlaible call their "International Super B".

The Freeman, S. Dak., father and son used a 266 cu. in. V-8 out of a late 1960's International pickup to repower the tractor. To make room for the pickup engine, they had to lengthen the hood by 5 in.

"We also had to modify the sides of the hood to clear the engine's valve covers," says Stuart. "The exhaust system also had to be reworked so the muffler would come out the original hole in the hood."

Key to success, however, was finding a way to adapt the V-8 to the bolt pattern in the bell housing of the tractor's transmission.

"I took the center line of where the 4-cyl. engine had been and positioned the V-8 off the same line," Stuart says. "Everything is in correct proportion from the transmission all the way to the front hand crank-shaft."

To match the engine to the bell housing, the men fabricated a 30-in. long, oval-shaped center housing out of 1/4-in. thick steel. It runs from the rear of the motor to the transmission and accommodates the tractor's original clutch linkage.

Cost of the project, excluding tractor and engine, was \$1,500.

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Some of the best new ideas we hear about are "made it myself" inventions born in farmer's workshops. If you've got a new idea or favorite gadget you're proud of, we'd like to hear about it. Send along a photo or two, and a description of what it is and how it works. Is it being manufactured commercially? If so, where can interested farmers buy it? Are you looking for manufacturers, dealers or distributors? Send to FARM SHOW, P.O. Box 1029, Lakeville, Minn. 55044 or call toll-free 1-800-834-9665.

Mark Newhall, Editor



Pontiac "ATV" Does The Work Of A Pickup

"A friend of mine offered me this 1988 Pontiac Lemans 2-door hatchback with 100,000 miles on it for only \$200. When I got it home I decided to have some fun with it. I ended up with a handy new workhorse that I call a 'Pontiac ATV,'" says Ron Stadler, Monroe, Mich.

Stadler used a Sawz All to cut the roof off just above the door. He removed the doors and rear seats and bolted a skid plate under the car to protect the undercarriage from stubble and brush. He used 13-ga. sheet metal to build a cargo box on back and made a tailgate out of 10 gauge diamond steel plate. He also bolted a length of angle iron onto the rear bumper to make a hitch.

"It's as handy to me as any ATV I could buy yet I spent less than \$300 to build it," says Stadler. "It works like a Deere Gator but a new Gator sells for \$7,000 or more. I use it to bring in watermelons and sweet corn and also to haul wood, bricks, and other heavy loads. I also use it to pull empty gravity wagons out to the fields and to haul 5-gal. buckets of soybean seed to my grain drill. It isn't road legal because I removed

the doors which makes it easier to get in and out of. However, it eliminates the need to drive my pickup in the field as much which saves wear and tear.

"It rides smooth. I didn't beef up the suspension at all. I did worry at first that the frame might split behind the seat, but after almost 500 heavy duty miles on dirt roads it's still running strong. I usually haul 500 to 1,000 lbs. on it but I have hauled up to 2,000 lbs. of watermelons. The only limitation is that I can't drive it in real muddy fields or it'll get stuck. The 4-speed manual transmission lets me drive slow over rough, bumpy ground. Also, there's a nice roomy cargo area behind the seats and under the cargo box where I can store tools, tarps, etc. I mounted an extra cooling fan on the radiator to keep it from overheating. So far it hasn't."

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Seed Fill Auger Fits Folding Planter

"As far as we know, it's the only seed fill on the market that works on a folding planter," says Howard Green about a versatile seed fill system his company builds.

Market Farm Equipment custom-built the seed fill last spring for Fred and Gerald Van Osch of Crediton, Ontario. It fits their Friesen-Friesen Inc. (1 South Douglas Rd., Douglas, Neb. 68344; ph 402 799-2020) front-fold frame equipped with 24 Deere planter units on 22-in. spacings.

The seed fill complements the Van Oschs' fast-fill system for loading seed, liquid fertilizer which they inject, and herbicides.

"Thanks to this seed fill system we can load 72 bu. of seed into the planter's 24 hoppers, 800 gal. of 10-34-0, and fill two 250-gal. saddle tanks with Frontier-Banvel in just nine minutes," says Gerald Van Osch.

The seed fill system consists of two 22-ft. long, 6-in. dia. cross augers equipped with bristle flighting and 1-bu. directional hoppers mounted back-to-back at the center of the planter. Auger tubes and seed drop units, which feature shut-off slides, are constructed of PVC and polyethylene.



The seed fill mounts on the planter's 7 by 7-in. main frame with 3 by 3-in., 48-in. tall steel posts and height-adjustable cross arms. The augers attach to cross arms with clamp bands.

"The augers are designed to pivot along with the 8-row wings they mount on," Green says. "The way it's designed for transport, the augers set in from the end and are narrower than the planter itself."

Cost of the seed fill was \$5,000 (Canadian).

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