

## “Back It Off” Snowplow

As Roy Dove drove into Denver, Colorado, to work a few years ago, after clearing his driveway of one of the area's frequent light snowfalls, he was particularly struck by the number of big snowplows mounted on the front of vehicles he encountered.

“I thought about all these people trying to clear their driveways before they went to work and how great it would be if you could just push out the snow as you backed out of the garage in the morning,” Dove says.

A couple of hours later, Dove had scribbled out a rough plan to build a simple, light-weight snow blade that would mount on his pickup's receiver hitch.

Later that year, he took his plan to a friend's welding shop and built three prototypes. He selected the prototype that worked best and put it into production.

The plow blade, made of 16 ga. steel, is 5 ft. wide and 24 in. high. It slips into the receiver hitch and is locked into place with a pin, just like a trailer hitch. Once mounted,

the user can adjust the plow to his/her vehicle by changing three manually set pins. The plow angles in either direction, depending on which way the operator wants to push the snow.

It rides close in to the vehicle, which makes it more easily maneuvered. At its maximum angle setting, the blade is 4 in. from the bumper on one side and about 18 in. away on the other. It weighs only 70 lbs., so it can be hitched up or removed easily and quickly by one person,” he says. “If you want, you can back the snow off of the driveway, and then take the plow off before leaving home.”

If you choose to leave the plow in place, you simply manually move the plow into its raised position, where it doubles as a receiver-mounted carryall. The blade comes complete with tie-down anchors. “Some people have bought it just as a carry-all,” says Dove, who now makes his home in the Texas Panhandle.

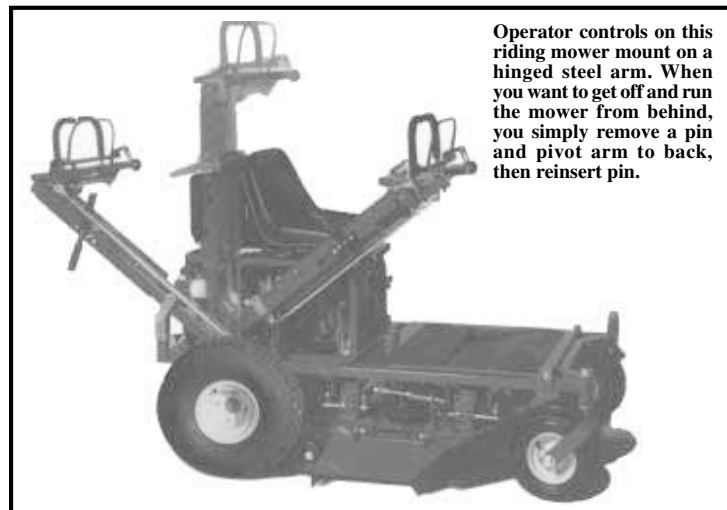
The Back It Off Snowplow sells for



**Lightweight snow blade mounts on any pickup's receiver hitch, allowing you to push away snow as you back out of garage. Blade can be angled in either direction.**

\$199.95 and can be delivered anywhere by UPS. Call 800 529-2602 for a free video showing the plow in action.  
Contact: FARM SHOW Followup, Back

It Off Snowplow, Box 86, Hartley, Texas 79044. Fax information requests or orders to 806 365-4027. Website: <http://sites.netscape.net/dovesnowplow>.



**Operator controls on this riding mower mount on a hinged steel arm. When you want to get off and run the mower from behind, you simply remove a pin and pivot arm to back, then reinsert pin.**

## Riding Mower Can Also Be Used As A “Walk-Behind”

You've never seen anything like this new lawn mower which converts from a zero turn riding mower to a zero turn walk-behind model, allowing you to maneuver on steep hillsides without worrying about tipping over.

The operator controls mount on a hinged steel arm. When you want to get off and run the mower from behind, you simply remove

a pin and pivot the arm to the back over the seat, then reinsert the pin.

The mower is available with either a 17, 20, or 25 hp engine and with either a 48, 52, or 61-in. floating deck.

Contact: Rich Mfg., Inc., Box 145, Thorntown, Ind. 46071 (ph 765 436-2744; fax 2521).

## Join Us On The Web!

If you've got a computer, you're never more than a click away from FARM SHOW.

Join us at [WWW.FARM SHOW.COM](http://WWW.FARM SHOW.COM). It's the easiest way to tell us about your “best” or “worst” buys or to tell us about a hot new “made it myself” idea you or your neighbor has come up with. It's also a great way to renew your subscription, buy a gift subscription for a friend, buy a video or CD, or just to change your address.

But that's not all.

We've compiled a list of all the major farm equipment shows in North America, Europe, and the rest of the world. And if the shows have a web site, we've provided active links so you can travel there with a click of your mouse.

If you're an inventor, you'll want to check out our [resource links for inventors](#). If you've got a product you'd like to patent or bring to market, this site will get you on your way.

We've got a discussion group where you can [talk to other FARM SHOW readers](#). And you can now sign up for [free E-mail updates between regular issues of FARM SHOW](#).



The Ellis's mounted an old gravity box on back of a flatbed, then fitted it with a return elevator off a combine.

## Gentle Bean Handler Uses Combine Return Elevator

To avoid damage to bean seed, Sam Ellis, and his sons Roger and Bob, built this bulk hopper with a hydraulic-powered unloading conveyor.

They mounted an old gravity box on back of a flatbed. Then they fitted it with a return elevator off a combine. It's positioned so the lower end is just below the chute. The elevator swings out to the side at a right angle, braced by a support arm mounted on a hinged

bracket on the side of the box.

The elevator is powered by a hydraulic motor mounted on the flatbed. There's a hydraulic motor at the top of the elevator.

The men narrowed up the opening on the grain door so seed comes out slowly and evenly, further minimizing damage.

Contact: FARM SHOW Followup, Sam Ellis, RR2, Box 72, Chrisman, Ill. 61924.



Return elevator is positioned so lower end is just below chute.