



To make this 3-pt. mounted drawbar, Seltzer welded a length of rod to a flat piece of steel that hooks onto the tractor's original 3-pt. hitch. The rod supports the 3-pt.'s lower lift arms so they can't drop down too far.

## 3-Pt. Hitch Added To Sears Garden Tractor

"I recently built this 3-pt. mounted drawbar for my Sears 12 hp garden tractor. It really comes in handy for pulling small wagons and hay rakes," says Leonard Seltzer, Manhattan, Ill.

The tractor was already equipped with a manually-operated 3-pt. hitch. Seltzer used 1 1/2-in. wide, 5/8-in. thick flat steel to make the drawbar, welding a pair of 5/8-in. dia. steel pins onto each end that mount on the 3-pt.'s lift arms. The top part of the drawbar pins onto the 3-pt.'s top link. He drilled a hole into a flat piece of metal to make the drawbar hole.

"I like how it turned out. The only problem was the 3-pt. dropped down too far," says Seltzer. "To solve the problem I mounted a pair of U-shaped metal 'stops' under the lift arms, which keeps the drawbar at a normal hookup height and therefore keeps the implement's tongue about 1 in. higher than the original drawbar."

He says he has also made 2 other hitches using this same style, one for Cat. I implements and the other for Cat. II.

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## "Scoop" Picks Fruit Off The Ground

"This scoop makes it fun to pick fruit up off the ground. It glides through grass and weeds with ease," says Dave Schutz, Marine On St. Croix, Minn., about the Pelican Scoop.

Made from heavy wire, the rake-like scoop measures 12 in. wide and 12 in. deep with a wavy bottom. As you pull the scoop along the ground the fruit is scooped up and is held in the basket.

"It's easy to use and saves a lot of time. You can make 2 or 3 passes without any apples falling out," says Schutz. "It's designed to pick up fallen fruit before mowing or for harvest purposes, but it has a lot of different uses. For example, you can use it to pick up everything from walnuts to golf balls, and even rocks and potatoes out of your garden."

Schutz is in the process of finalizing plans to get the Pelican Scoop manufactured. He expects it to sell for about \$20 to \$25.

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As scoop is pulled along the ground, the fruit is scooped up and held in the basket.

## How To Add A Grapple To Loader-Mounted Pallet Forks

"Our new Add-A-Grapple converts standard pallet forks into grapple forks at an economical cost. It lets you haul brush, tree limbs and logs and also helps stabilize any pallet load," says Bill Reed, Precision Mfg., Sedalia, Mo.

The unit comes with its own hydraulic cylinder and attaches to your forks with a screw-on lockdown clamp and a locking pin. It fits pallet forks up to 4 in. wide and a maximum of 1 3/4 in. thick.

Two fork positions are available. An inner position allows clamping against the forks, while the outer position will allow the grapple to bypass the forks to clamp down on a smaller load. An optional log clamp

allows you to clamp onto one object at a time, which is useful when cutting pipe or logs. "It eliminates the need to bend over and use a chainsaw in the dirt," says Reed. "Coming soon is an additional model with 3 height adjustments with up to a 74-in. opening, which is large enough to pick up a big round bale."

The pallet fork Add-A-Grapple sells for \$695 plus S&H. The adjustable pallet fork grapple will sell for \$995 plus S&H.

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## He Puts Moonlight On A Cap

Keith Bennet has captured the light of a full moon on a cap for nighttime workers, mechanics and even coon hunters. In fact, his headlamp is so bright, he warns users not to flash it in other people's eyes.

"I forgot my grandson was wearing one, and when I turned to look at him, the beam hit me in the eyes," recalls Bennet. "For about an hour afterwards, I had white spots in my eye like when you meet car lights on bright."

Bennet put his first two sets of "Moon Lights" together for himself and his grandsons. When a coon-hunting friend saw them, he wanted a set too. That led to three more orders when others saw his headlamp.

Since then the "retired" Bennet has been busy building headlamps for use with plastic bump caps and baseball caps. He sold more than 100 sets at \$100 each in just over a year, and business is picking up. When FARM SHOW called, he had just received orders for another 29 lights.

The price includes shipping and a 2-year guarantee. Bump caps are available in a variety of colors. The baseball cap version is only available in camouflage.

The two main selling features are the 1600 lumen output and a long lasting durable battery. "The lights are stronger than most 21-volt lights and will shine more than a quarter mile," says Bennet. "We left a light on for four days and four nights one time, and it was still very bright. The 3.7-volt battery can be recharged up to 50,000 times and comes with its own smart charger."

Bennet got the idea for his new light when heavy snows several winters ago kept him



Bennet's lights can be fitted to hard hats and regular farm caps.

out of the woods at night. After extensive research on the internet, he came up with the combination of light and battery he wanted. He says he has compared his light to both 21 and 24-volt lamps, and his has come out ahead.

"My light gives as much light as the big ones you can buy, but without all the belts and harness you need for the weight of their batteries," says Bennet. "I like the idea of hunters being able to get a good light without it costing them an entire paycheck."

Bennet says the best advertising he has had yet is a successful sale. "I've had several hunters who bought one and then came back for 5 more," he says.

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## Sound Blast Keeps Deer Out Of Garden

After years of finding carrots, bean blossoms and other garden produce disappear when he wasn't looking, Elmer Haux found a way to scare off the culprits, deer and antelope.

"I combined a motion sensor with a small radio," says Haux. "When the sensor detects a deer, the radio comes on at loud volume with a blast, and the deer run."

The sonic blaster is simplicity at its best. The motion sensor is mounted on a post near the garden and plugged into a nearby outlet. A radio enclosed in a plastic bag for protection from the weather is hung on the same post.

"I turned the radio up real loud. When a deer, antelope or other animal is sensed, the

radio blasts and scares the animal off," says Haux.

He has used the deterrent system for two years, and it continues to work fine...and not only for deer.

"My boss stopped by, and I was showing it to him. As he walked over to it, the radio came on," says Haux. "He jumped. It's really loud."

Haux has an outlet close to his garden, but he suspects the same system could work with a solar charger and 12-volt battery and radio.

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Add-A-Grapple comes with its own hydraulic cylinder and attaches to standard pallet forks with a screw-on lockdown clamp and a locking pin.