

Battery Adapter Works With 2 Models

The Milwalt battery adapter is compatible with both Milwaukee 18-volt and DeWalt 20-volt batteries, making it easier for members of Plain Communities and people who live off grid to use the same adapter for appliances, lights and other things that need DC power.

The adapter has a slim footprint, but the real beauty of it is that only one adapter is needed for both batteries instead of one for each brand.

"There are people with businesses using these adapters for converting small household appliances powered by cordless batteries. With the Milwalt they can just stock one adapter," says Melvin King, majority owner of Lancaster Lanterns, which makes the adapters. They retail for \$3.95.

The company also punches out the contacts needed to complete these quality Slimpak adapters, enabling them to build whatever configuration customers need. At 99 cents each, these contacts are a little more expensive than some contacts. The contacts are copper tabs that are nickel-plated for resistance to rust, acids and salt water. They will last for years and thousands of battery changes.

Lancaster Lanterns produces the adapters with on-site injection molding. They also



Lancaster Lanterns sells a low-cost adapter that allows the use of batteries from either Milwaukee or DeWalt.

have adapters compatible with Milwaukee and Makita batteries.

Customers have used them for a variety of purposes including adapting batteries to power everything from fishing boat trolling motors to buggy lights.

Contact: FARM SHOW Followup, Lancaster Lanterns, 5264 White Oak Rd., Paradise, Penn. 17562 (ph 717 340-4678; custservice@lancasterlanterns.com).

New Twist On Steering Wheel Spinner

For Utah-based truck driver Doug Andersen, watching TV's Shark Tank combined with his wife's good-natured prodding was the inspiration he needed to come up with his "wheel in a wheel", a new twist on steering wheel spinners.

Spinner design hadn't changed since their inception in the 1920's but recently OSHA and different DOT regulations were forcibly discouraging the use of any raised aftermarket steering wheel attachments. Many verified instances showed them falling off, catching on clothes, bruising fingers or wrists, and causing serious accidents.

"I did away with those problems and made my 'wheel in a wheel' spinner a central part of the steering wheel itself," says Andersen

He explains that he prefers to drive with his hand on an inside spoke of the wheel, and often noticed other truck drivers doing the same. "I thought if I could wrap my hand around a handle that pops up to become a type of spinner, that would be perfect. With my version, I can make a full left or right 360 degrees turn without taking my hand off."

Andersen says his "wheel in a wheel" meets or exceeds all OSHA and DOT requirements as it's part of a manufactured steering wheel, isn't an add-on, and doesn't stick up to catch on clothes or fingers.

"It pops up maybe a 1/4 in. to unlock. Otherwise, it locks down in any of 6 positions depending on where the driver's hand position is comfortable. It's like grabbing a shovel handle - you have much better control with it."

He envisions his spinner invention working with heavy equipment, forklifts, loaders, yard donkeys, farm equipment and



Andersen's "wheel in a wheel" is part of the steering wheel and meets all OSHA and DOT requirements.

boats. Normally these operators run their machinery with only one hand on the wheel while the other works hydraulic levers or shifts gears, so it will be extremely handy.

Design engineers are in the process of calculating production and manufacturing costs, and Andersen hopes the spinner will hit the market within 8 to 12 mos.

Equipped steering wheels will come in different diameters with a simple hub change for mounting on variable steering columns.

He expects the "wheel in a wheel" spinner to be manufactured in the U.S. and sell in the \$250 to \$350 range.

Contact: FARM SHOW Followup, Doug Andersen, Utah (falken4522@yahoo.com; www.wheelinawheelspinner.com).

6.0 Powerstroke Fitted With 3 Turbos

It's only logical that Art Martinez would build a high-performing engine for his own enjoyment since he's part owner/operator of PSP Diesel, a performance diesel business in Houston. His business partner Richard Alvarado says Art's 6.0L Powerstroke has 3 turbochargers, a shortened chassis, and enough power to burn plenty of rubber. The original truck was stripped down, the frame re-built by a custom shop, and the bed and cab sent off for a pearl white paint job.

The Powerstroke 6.0L has a balanced factory crank, forged Carrillo rods, and special pistons with heavy-duty wrist pins.

Ported and polished heads from Kill Devil Diesel and injectors from Warren Diesel are fed by a Thumper II injection pump. They also used an Odawg intake and installed an adaptor to inject nitrous. Two 65mm atmospheric turbos combine with a 69mm SXE for high pressure. The valve train was upgraded to Manton valve springs with a FASS 220 lift pump. There's an ATI damper, billet flexplate and a fully rebuilt transmission by Sam Wise.

Martinez and Alvarado say the truck is well disguised as a daily driver with the 3 turbos providing 650 hp., which, believe it or not,



Art Martinez's 6.0L Powerstroke triple turbo engine puts out 650 hp., but he plans to boost that to over 1,000 hp. with modifications.

they're disappointed with. They intend to change out the Stage 3 Colt cam to a different model that should bump the engine up to 1,000 hp. at lower rpms.

Alvarez and Martinez say their work on trucks is more like play for them and the triple turbo 6.0L is the best toy yet.

Contact: FARM SHOW Followup, PSP Diesel (www.pspdiesel.com).



PermaFlex can be used to seal the base of grain bins, grain bin roofs, chicken coops and livestock floors to create a heavy-duty waterproof surface.

Leak Stopper "Good For Everything"

PermaFlex from SANI-TRED is a liquid rubber-like adhesive coating that can seal up just about any surface. Randy Emerick at SANI-TRED says its most important qualities are its penetration and its flexible elongation memory. That means it penetrates deep and can stretch and return to its original shape if bent or twisted. The product is ideal for use where a heavy-duty waterproof surface is needed.

Emerick says "We get calls all the time from people who ask about sealing the base of grain bins, grain bin roofs, coating things like chicken coop floors, livestock floors and many different surfaces that are prone to corrosion or wear. PermaFlex can be brushed, rolled or sprayed on and will work for all of those applications and many more."

Hans Sulzer is a recent customer. "Last spring, I purchased SANI-TRED PermaFlex to seal a cattle water tank. We let it dry for several days before filling the tank with water. Three weeks later the water was only down 1/2 in. due to surface evaporation. Before we sealed it the water would seep down 6 in. per week. We're very pleased with the results because the tank didn't leak or seep all summer."

It's available in 4 different colors in quart,



PermaFlex can even be used to seal cattle water tanks.

gallon and 5-gallon containers. PermaFlex can be purchased direct from the company (www.sanitred.com or call 1-866-784-3308).

The company has a mini sample pack (\$27.95) that contains enough PermaFlex to double coat 7 1/2 sq. ft. and enough Liquid Rubber Base and Thickening Activator mixture to apply a 1-in. bead 2-ft. long. Application instructions with photos and video are on the SANI-TRED website. Emerick says the sample pack has a double your money back satisfaction guarantee, and if the customer places an order in the future, the cost of the sample pack is deducted from the new order.

"Best Bargain In Farming"



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