

Extended Run Fuel Kits

Tony Luey just wanted to keep his diesel tent heater running, but ended up helping others do the same. His Extended Run Fuel Kits keep popular tent heaters and generators running, and Luey's Unethical Manufacturing company busy.

"I was an avid off-road camper and did a lot of winter camping just as tent heaters became popular," says Luey of Unethical Manufacturing. "I picked one up and realized the fuel tank was small. What was missing was extended run time."

Luey put together a flexible fuel line to connect his heater to a larger fuel tank. When he posted it on Instagram, the internet blew up.

"I got tons of views," he recalls. "People loved them. That's what's cool about social media. You can have a simple idea, and the whole world can see it and buy it."

Luey began making kits, redesigning, improving and selling them. He has kits for multiple brands of fuel cans, ranging from 2-gal. to 55-gal. barrels. Buyers can choose plastic or stainless-steel connectors, and the fuel lines won't drain out when disconnected. The quick connectors lock in the fuel.

Sales boomed as he expanded his product line to include diesel camp generators as well.

"We've shipped kits throughout the world, with sales in Italy, Norway, Denmark, the U.K., Australia and Japan, as well as all across Canada and the U.S.," says Luey.

In addition to the extended run kits, which start at \$28.98, Luey offers a range of fuel-related products, including lines, connectors and adapter kits.

As is the case with an increasing number of companies, Unethical Manufacturing



Kits fit multiple brands of fuel cans, ranging from 2-gal. to 55-gal. barrels.

is a completely online company. All sales are direct, and Luey maintains no customer service phone line. Instead of working with a distributor, he built his website and distribution system.

"Online self-service ensures consistent quality and keeps our prices low," he says. "We do our best to respond quickly to emails, even on weekends. If you don't use email, direct message us from Instagram, Facebook or other social media. I like being able to reach out to people directly."

When asked about the company name, Luey describes it as a marketing strategy.

"I wanted a name that would stick with people," he says. "I always wanted to be different, and it clicked."

Contact: FARM SHOW Followup, Unethical Manufacturing, Vancouver, B.C., Canada (support@unethicalmfg.com; https://unethicalmfg.com).

Easy Outdoor Service Ramp

We found several versions online for an outdoor service ramp built from old concrete blocks and bricks.

Handy for a quick oil change or repairs, the concrete blocks are placed on a small slope to provide easy access under a vehicle. Starting with a single course of blocks and adding more as the slope rises creates a ramp.

Most versions we found had some form of block or brick at the end as wheel stops. When set up as a permanent ramp, it's important to use concrete to secure the blocks and ensure the ramp doesn't move.

Site choice is also critical, as it can't be in an area that can be washed out by rain, etc.

Safety is key. You need to be sure that what you are working under is safe, just as when raising any vehicle or implement for service. This is just an easy way if you have the right slope and space, compared to a full-service pit.



We found several versions of this outdoor service pit on a slope, built from concrete.



Money-Saving Repairs & Maintenance Shortcuts

Have you come up with any unusual money-saving repair methods for fixing farm equipment? What maintenance shortcuts have you found? Have you had any equipment recalled by the factory? Name a particularly tough mechanical problem you've had with a piece of equipment and how you solved it.

These are a few of the questions we asked randomly selected FARM SHOW readers. If you have a repair tip, maintenance shortcut, or other mechanical experience you'd like to share, send details to: FARM SHOW, P.O. Box 1029, Lakeville, Minn. 55044 or email us at: editor@farmshow.com.

Scott Geyer, Editor & Publisher



Cal Miner, Willmar, Minn.: "I've found that Menards periodically has 4,000 to 5,000-lumen LED shop lights on sale for under \$10. Recently, I saw them on sale for \$6 after a rebate. They work great as trouble lights because they stay cool and have a 42-in. reach."

local welding shop cut a slot in a 6-in. dia. pipe. Three straps welded to it fasten it to the plow blade.

"The pipe allows me to plow my crushed-stone driveway without causing too much damage to the surface. It also lets me push snow off grassy areas without tearing up the grass. I plow the snow off a pasture area to help the deer find something to eat, which reduces the damage they do to my shrubbery."

"It works well and is easily removed if needed. I would use a larger, thicker pipe if I did it over again. After 15 years, it's starting to wear thin at the bottom. I'd also add some weights and cap the ends of the pipe so it doesn't fill with stones or dirt when angled."



Ralph Volkman, Black Creek, Wis.: "The power went out on both sides of the jaws of my old jumper cables. On a new set, only one side of the jaw transferred power. I drilled out the rivets and installed a loop of copper wire, replacing the rivets with screws."



From The Web: We found a cheap, easy way online to keep a screw in place on a screwdriver or drill bit. Simply twist a piece of copper wire around the bit, making it long enough for the screw, ending with a wrap to hold the screw. This will allow hands-free starting of the screw into most materials without holding or fumbling.

Dr. Karl Spees, Port Angeles, Wash.: "In retirement, it seems I have more projects than time. One recurring problem is remembering where I left a specialty tool or piece of equipment. Recently, I couldn't find my cordless drill (again). After unsuccessfully looking in the usual places, I used an aid that had worked before. "I used my Mag-Lite to systematically



Glenn Reeder, New Tripoli, Pa.: "This is a picture of the pipe I have mounted on my snowplow. I got this idea from a tip in FARM SHOW many years ago. I had the

Great Shop Ideas - All 4 Volumes!



We're proud to offer this fantastic 4-Volume BOOK COLLECTION of the BEST Shop Ideas & Tips! Each book contains hundreds of time & money-saving repair advice, handy maintenance shortcuts and so much more!

See order form on pg. 39 or go to www.farmshow.com.