

## FUTURE NOW

### **Light Ranger Trailer Tester**

Trailers really aren't that complicated, and neither is inspecting them. It just requires help from a buddy to sit in the cab while you walk around checking everything. But then, I found the #9101 Light Ranger Trailer Tester from IPA® -- a one-man tester that lets you test the trailer without a truck or a helper. It allows me to power each circuit individually with a labeled



knob and inspect the corresponding lights and/or brakes to check a trailer in minutes. It's been a great asset in my small shop for my customers and also for my personal use on my trailer and RV.

Reader Inquiry No. 15

#### **Universal Gun Cleaning Master Kit**

When cleaning my gun on the kitchen table, I could never find a solution that worked completely (and made my wife happy). The #70035 Professional Gun Cleaning Master Kit from RamRodz® is the first product that has everything to service my firearms. The odorfree cleaning solution, lubricant,



and chemical-resistant mat leave no odor or residue on my table. Caliber-specific RamRodz© allow me to clean every inch of my rifles and pistols. Any tool I could need for a full and thorough cleaning was there and the USA made pushrod and bore cable were the highest quality I've ever used. Everything came in a convenient, four-layer case for easy carrying wherever I want to set up.

Reader Inquiry No. 17

#### **Grease Joint Rejuvenator®**

I never knew why I couldn't grease some of the joints on my 650G Dozer until I took the blade off. Heat and dirt had dried the grease and clogged the relief slots! No amount of pressure would push new grease inside. The Grease Joint Rejuvenator® from IPA® opened the joint in a minute! I filled the tool with light, penetrating oil, attached it to the fitting, and tapped it lightly to force the oil inside. The relief slots opened and pushed out the old, dried up grease, and the new grease went



in effortlessly. The professional model works on just about any machinery and the pocket model is great for small jobs, but has greater pressure!

Reader Inquiry No. 16

#### Air Comb® Filter and Radiator Cleaners

Until recently, cleaning cylindrical air filters, radiators and condensers was time consuming, ineffective and sometimes impossible. I purchased the Air Comb® from IPA® because it is the only blowgun with flush 90° air flow. It has five holes on the



side, which puts out more air volume than my other blow guns, making my job faster and easier. Now, I can safely clean the debris from my radiator and condenser or completely blow out a cylindrical air filter, cleaning it from the inside. They are available in 12', 24', 36' and 48".

Reader Inquiry No. 18

# Zero-Turn Foot Pedals Less Tiring, Give Better Control

You'll like this new foot pedal system for zero-turn mowers that puts a lot less strain on shoulders, arms and back than hand levers.

"With the Ergomower concept, you can use your feet, your hands, or both," explains Harold Newcomb, Ergomower. "Everyone who tries it loves it. I tell people, see it and you believe it; try it and you'll buy it; use it and you're hooked."

Newcomb explains that the reduced stress is all about leverage or the lack thereof. With standard zero-turn levers, you're constantly pulled forward, leveraging the body against the footrests. With the Ergomower, pressing against the added foot pedals pushes you back and into the seat with no leveraging stress.

Each foot pedal rotates on a steel rod connected by other rods to the drive units on either side of the mower. Pushing on the toe portion of a foot pedal controls forward movement. Pushing down on the heel portion controls reverse. Just as with hand levers, pushing down farther either way controls speed.

Newcomb's shortened hand levers use an armrest design alongside the operator's legs. Instead of grabbing a tall lever and pushing

it forward, the operator simply pushes down on the hand rest at the front of the short lever. To activate the reverse transmission, simply lift the arm up or press down with the forearm or elbow on the rear of the short lever.

"I use the foot pedals to control the mower and the short hand levers to fine-tune control, especially when going over rough ground."

Newcomb notes that the foot pedals need very little pressure exerted on them. The weight of the foot and leg on the pedal are almost enough to activate them.

"I've adapted Badboy, Swisher and Cub Cadet zero-turns to foot pedals and short hand levers," says Newcomb, who is attempting to license or sell the patent to a company.

"A foot controlled zero-turn is great for spraying. I use my feet to control speed and direction, leaving my hands free for the spray wand," relates Newcomb. "I've also used it with a Cyclone Rake to pick up leaves. I just drive along like I'm sitting in an easy chair."

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Pushing on toe portion of foot pedal controls forward movement, and pushing down on heel portion controls reverse. Pushing down farther either way controls speed.



The operator can also control the machine by pushing a pulley on the arm rests alongside the seat.