

## Air Line Chucks Lock Onto Valves

The Lightning S-Series air chuck from Jaco Superior Products makes tire inflation easier than ever. Push it on, and it locks in place, even under high pressure or if the air hose is moved. The chuck is available by itself or with the FlowPro digital tire inflator with pressure gauge.

The Lightning air chuck is open-flow with 1/4-in. F-NPT (tapered) threaded fitting for a faster and tighter connection with air lines. Air flows freely through it as soon as the air source is turned on. It's not designed for use with air tank-style compressors without the use of a hand-operated inflation tool.

The internal locking system of the chuck uses military-grade clamps to grab and hold the tire valve stem. The high-density alloy air chuck also features a quick-release valve. It detaches as fast as it locks on, with no air release for extreme precision inflation.

The Lightning air chuck has a base price of \$22.95 for a twin pack. For \$2 more, the S2 offers a 360-degree swivel head, eliminating air hose tension.

Access to hard-to-reach valve stems is made easier with the L2 model and the Lighting T Dually tire air chuck. Both are priced at \$27.95. The L2 has a 90-degree body plus the 360-degree swivel. The T Dually has the 360-degree swivel head on a 7-in. neck.

Other Lightning air chucks are available for Presta and Schrader bike tire valve stems, as well as with tire inflator extension nozzles.

The Lightning tire air chuck kit features seven of the S-Series air chucks, including the T Dually. It's priced at \$89.95.

The Lightning lock-on air chuck comes standard with Jaco's FlowPro digital tire inflator with pressure gauge. The FlowPro 100 psi maximum pressure gauge is equipped with a 21-in. flexible hose. The 200 psi FlowPro is equipped with an 18-in. stainless steel braided hose. Both have a push-to-inflate thumb trigger and an air bleeder valve.

The FlowPro is calibrated, and performance



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tested to plus or minus 1 percent accuracy. The 2.5-in. digital gauge displays pressure readings in 0.5 psi increments. The second generation FlowPro 2.0 with a maximum pressure readout of 200 psi has a readout resolution of 0.10 psi.

The two AAA batteries needed for the gauge are included. They provide a super bright blue LCD backlight display needed in dark garages and shops and for night use.

The FlowPro is air compressor-ready with 1/4-in. NPT-compatible accessories. However, it's not compatible with 12-volt mini tire inflators. It can be used as a stand-alone tire pressure gauge. It doesn't need to be connected to an air compressor to measure pressure or deflate air.

Prices for the FlowPro start at \$35.95 with a maximum 100 psi pressure. The 200 psi FlowPro and FlowPro 2.0 gauges are priced at \$39.95.

Contact: FARM SHOW Followup, Jaco Superior Products, 3721 Evergreen Parkway, Suite 1, Evergreen, Colo. 80439 (ph 303-386-4364; support@jacosuperiorproducts.com; www.jacosuperiorproducts.com).

## Screw-On Funnel Eliminates Leaks

With its screw-on cap and how it's designed to close, the Screw-On Funnel eliminates oil leaks and drips. Adapters that come with it ensure that the funnel works with 98 percent of oil bottles.

"It's the only screw-on model we've found on the market," says Ryan Gill, operations officer for Express Products in Grandville, Mich. Two Canadian brothers developed the prototype a couple of years ago, and the Michigan company purchased the rights, modified the design and patented the Screw-On Funnel.

"The neat thing about it is that it's not just a funnel. It closes up on itself to retain fluids in there so you can use it, and it won't leak after," Gill says. "Because you screw it onto the bottle, it's protected from the outside environment. So, it keeps the fluids clean with no bugs, dust or contaminants."

The durable, bendable 29-in. long 3/4-in. hose also makes it easy to fill oil tanks in hard-to-reach places. A breather valve can be opened to prevent a vapor lock and speed up the flow. In addition to adapters to screw the funnel onto different types of bottles, a smaller tip can be added for transmission fluid.

Besides using it for oil, diesel truck operators use it for DEF. At about \$20/retail, customers often buy more than one funnel to use for different applications, Gill says.

The new product can be found at truck stops and some farm supply companies, as



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well as through the Express Products website and Amazon.

Contact: FARM SHOW Followup, Screw-On Funnel, 2606 Sanford Ave. SW, Grandville, Mich. 49418 (ph 616-532-4906; Sales@ExpressProducts.com; www.screwonfunnel.com).

## Automatic Grease System Uses Standard Cartridges

SKF Lincoln's Automatic Electric Cartridge Pump (AECP) automatically greases equipment on the go using ordinary grease gun cartridges.

"You can use it anywhere you would use a grease gun, from balers, combines, skid steers, mini excavators, to street sweepers and construction equipment," says Jordan Butler, SKF product line manager.

The AECP accommodates standard 14.1-oz. grease gun tubes and consistencies from NLGI 0 to 2. It can be mounted in any position, works with a piston pump, and is powered by the tractor's 12-volt battery system. The pump pushes grease from the cartridge through tubing and divider valves to selected grease points.

Each of the points is individually metered by adjustment screws in the progressive divider valve. They determine the piston travel distance which controls and ratios out the amount of grease delivered. A cab-mounted controller manages run and pulse times, provides a manual cycle capability, and features a low-level detector that alerts the operator when a tube change is required.

"Our target market was compact equipment with limited space to install automatic lubricating systems," says Owen Mostoller, SKF national accounts manager. "Another large application was combines, but over time this has transitioned to farm sprayers and applicators due to the environment they operate in and the corrosiveness of the sprays."

Mostoller explains what sets the AECP apart from its competitors is other systems use their own distinct reservoirs and filling devices while the SKF equipment holds a standard grease tube.

"It's convenient to throw an extra tube in



A cab-mounted controller alerts the operator when a tube change is required.

the cab or toolbox," Mostoller says. "When the controller signals that it's run empty, you just slap in another tube and carry on. You don't need to carry a bulk pail or filling device."

The AECP is readily available in North America through numerous supporting dealers and distributors.

The cost of the complete unit including installation for a standard skid loader is approximately \$5,000.

Customers are urged to use the distributor locator tab and contact form on the SKF website for further information and support.

Contact: FARM SHOW Followup, SKF Lincoln (www.skf.com/us/products/lubrication-management/system-components/pumps-and-pump-units/aecp).



DKC fuel filter conversion kit fits Deere engines.

## Conversion Makes Swapping Fuel Filters Easier

DKC Solutions has the solution to time-consuming fuel filter replacements on Deere tractors. Their filter conversion system eliminates the hassle once and for all.

"Replacing the fuel filter on most Deere engines introduces air into the fuel system since the filter is installed dry," says Dave Christianson, DKC Solutions. "You have to bleed the fuel system to prevent a stall. Our conversion system lets you fill the filter with diesel fuel, spin it on, fire up the tractor and go."

DKC Solutions was founded in 2021 to make the use of spin-on filters a reality on Deere diesels. The prototype was machined out of a block of aluminum and designed to mount to the engine block where the

original filter was mounted. It was connected to the fuel lines and evaluated for possible improvements.

"We decided to cast the adaptor from one piece, to make it look like it came with the tractor from the factory," says Christianson. "We used 6160 aluminum, so it can handle the heat and vibration it gets and work dependably, as expected."

Christianson says the \$240 kit comes with everything needed, including a premium filter that holds more fuel than conventional filters. Contact: FARM SHOW Followup, DKC Fuel Solutions, 520 Summer Ave., Humboldt, Iowa 50548 (ph 515-890-2318; dave@dkcfuel.com; www.dkcfuelsolutions.com).