

Add-On Hour Meter Also Tracks Rpm's

This new timer tracks rpm's, hours in operation and displays the time. It has quick manual resets and an easy-to-read LCD screen.

The Resettable Maintenance Timer was originally designed for motocross bikes and other off road use. However, it can work on any fuel injected and carbureted 2 and 4-stroke engines from 1 to 8 cylinders. It can measure up to 19,999 rpm's and track up to 99,999 hrs.

The timer mounts to any flat surface with a peel-n-stick backing or optional aluminum mounting kit.

The 5-mode screen displays a non-resettable hour meter for total operating hours, resettable operating hours for current use, current rpm's, maximum rpm's reached during current operation and the clock time in either 12 or 24-hour mode.

The current rpm meter can be adjusted for pulses per revolution and readjusted while the motor is operating. The maximum rpm reading automatically resets after the engine stops and is not restarted in less than 30 sec.

Installation is simple. Mount the unit in the desired location for easy viewing. Route the



Timer tracks engine rpm's and hours in operation and displays them on an LCD screen.

black lead to a spark plug wire or to the coil, depending on application. Wrap the red wire that extends out of the black lead around a spark plug wire or around the spark plug cap on "coil in cap" units.

The Tach/Hour Meter/Clock comes with a 5-year battery and is priced at \$44.95. The optional mounting bracket is priced at \$14.95.

Contact: FARM SHOW Followup, Works Connection, 4130 Product Dr., Cameron Park, Calif. 95682 (ph 530 642-9488; www.worksconnection.com).



BDS Suspension offers premium suspension lift kits for just about any truck made.

Premium Suspension Lift Kits For 4-WD's

There are probably a dozen companies waiting to sell you pickup lift kit components, but one we hear a lot about is BDS Suspension. Truck repair specialist Chris Nielsen says his customers modify their vehicles with BDS products for mud racing, hill climbing and other off-road antics. Nielsen says the company has kits for just about any truck made, but two that he's most familiar with are those for Dodge Ram and Ford trucks.

For Dodge Ram trucks, BDS Suspension has teamed with Fox Racing to offer a 6-in. coil-over lift kit that replaces the front strut and uses Fox long-travel coil-over shocks. Fox says their shocks provide more suspension travel to take advantage of the extra height and improve the ride on the road or in rough country. The shocks can be adjusted for stiffness so you can tune the ride to your liking. They also have a remote reservoir that provides extra fluid capacity to dissipate heat. The basic BDS kit has everything except wheels and tires to lift your ride to roll on 35 or 37-in. tires. Do-it-yourselfers can handle the work in about 10 hrs. with the aid of good tools, a sturdy truck lift, and a heated shop. Some torching and metal trimming is required and two people definitely make the job go smoother. BDS suspensions don't work on 2013 model year trucks and newer with self-leveling air suspension.

BDS offers a 4-in. high-clearance lift kit for F-150 Ford Raptor pickups and recently announced IFD and C/O lift systems for



One of the most popular kits is for Ford F-150's.

new 2016 Ford F-150s. The Raptor kit is engineered to clear 37-in. tires and take full advantage of the Fox bypass rollover front shocks and the rear 2 1/2-in. piggyback reservoir shocks. Its one piece 1/4-in. thick crossmembers reposition the lower A-arms. Ductile-iron steering knuckles reposition front tie-rod mounts and integrate with the A-arms. A 4-in. block and U-bolt kit levels the rear. The kit includes all mounting hardware.

BDS Kits include a "No Fine Print Warranty" and a 5-year, 60,000-mile PLUS drivetrain warranty. The company also offers suspension kits for Chevy, GMS, Jeep, Geo, Mazda, Suzuki, and Toyota vehicles. Pricing varies and can be found on the company website.

Contact: Farm Show Followup, BDS Suspension, 491 West Garfield Ave., Coldwater, Mich 49036 (ph 517 279-2135; www.bds-suspension.com).



Vertical drum lifter uses the fuel tank strap from a semi-truck and a "load-securing" ratchet strap to lift drum vertically.

Tools Made To Handle 55-Gal. Drums

When it comes to handling big 55-gal. drums, Ron Paustian has pretty much figured it out. He recently sent FARM SHOW photos of several different drum lifters and tools he's come up with to make handling drums an easier job.

His lifters can lift drums either vertically or horizontally using a chain attached to an overhead crane or forklift. He also has a drum tipper tool that's used to stand a drum up by hand and a bung cap tool that eliminates the need for a wrench.

"I collect used oil from farmers in our area, who store the oil in 55-gal. drums. I used to have to maneuver drums onto pallets by hand or wrestle them into the back of a pickup," says Paustian.

Vertical drum lift

He used the fuel tank strap from a 1970's International cab-over semi truck and a 2-in. "load-securing" ratchet strap to make a handy drum lifter that lifts the drum vertically. The tank strap surrounds about 3/4 of the drum and is attached to a short length of ratchet strap, which Paustian cut down to 30 in. long. He looped one end of the ratchet strap to the tank strap and bolted the other end to a metal loop already on the tank strap. He then welded three 3-ft. lengths of chain spaced equal distances apart onto the tank straps. A big washer welded on where the chains meet at the top serves as a hook.

The strap is placed just below the drum's top rib and tightened up using the tank strap's closing device.

Horizontal drum lift

It consists of a 4-ft. long chain with a big washer welded onto the middle and a pair of curved metal brackets welded onto both ends. The brackets fit against the lips at both ends of the drum and tighten as the drum is raised.

Drum tipper

It works like a big prybar and lets Paustian grab onto a 55-gal. drum that lays horizontally and stand it up by hand. It consists of a long pipe with 2 short pieces of 3/4-in. angle iron spaced about 10 in. apart. One angle iron is welded onto the end of the pipe and serves as a stabilizer.

The operator catches one angle iron on the drum's lip and then raises the pipe. A washer welded onto one end of the tool makes it easy to hang up for storage.

Bung cap tool

Two different size pieces of flat metal are welded onto the ends of a pipe. One piece fits 2-in. bungs and the other 3/4-in. bungs. The operator inserts the metal piece into the bung and then rotates the pipe to open or close the cap.



Horizontal drum lifter consists of a 4-ft. long chain with curved metal brackets welded to each end.



Drum tipper works like a big prybar and consists of a long pipe with 2 short angle irons spaced about 10 in. apart.



Operator grabs onto drum laying horizontally and stands it up by hand.



Bung cap tool has a flat metal piece welded onto end of pipe.

Contact: FARM SHOW Followup, Ron "Skinny" Paustian, 6404 Old Pipestone Road, Eau Claire, Mich. 49111 (ph 269 461-6449; paustianinc@yahoo.com).