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FEE Fleet Equipment

March 2018

Managing Equipment Assets

An ELD UPDATE on
the eve of
out-of-service
enforcement

Why AIR DISC
BRAKE ADOPTION
continues
to climb

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Purposeful *innovation*

Inside Peterbilt's new Model
**579 ULTRALOFT
INTEGRAL SLEEPER**

Phillips Industries introduces light-duty trailer products

Phillips Industries recently introduced Sta-Dry four- and six-way straight cables, with Thermosealed plugs, in lengths varying from 6 to 20 ft. Weatherproof Sta-Dry Thermosealed four- and six-way plugs, and weatherproof Sta-Dry molded four- and six-way sockets and Sta-Dry four-way molded flat connectors for light-duty towing are now available with connections offering a weatherproofing advantage to fight corrosion and are molded to 2- and 4-ft. length cables. The Sta-Dry Weather-Tite Permaplug is also available to connect a light-duty trailer to a light-duty vehicle wired with a J560 style type socket.

Phillips Industries
www.phillipsind.com

Dayton Parts releases new trailer accessories product line

Dayton Parts LLC announced a new line of trailer accessories to complement its current trailer component offering. The new line of accessories includes coiled air, power cables, pogo sticks, glad hands and tire inflation components. The new accessories are available now.

Dayton Parts
www.daytonparts.com



Utilimaster highlights Safeload System

Utilimaster highlights its Safeload and locking cart system. According to the company, this technology and upfit is targeted toward the laundry and linen services industry. Its sling bay system utilizes the vertical space inside of the truck with an extending arm and laundry bag hanger to telescope out of the back of the vehicle. The locking cart system is configurable for multiple needs. //

Utilimaster
www.utilimaster.com

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Multimeter do's and don'ts

As the spring season starts to thaw winter's freeze, it's a good time to give your trucks and trailers a good once-over to ensure that all components are operating properly. The lighting system is a good place to start. Check for any loose connections, broken wires or excessive corrosion at the connections, since, of course, any electrical device needs power to work. A multimeter is your go-to tool for troubleshooting a circuit or electrical device.

"Testing for direct current voltage is probably the most commonly performed diagnostic with a multimeter because the power supplied by the tractor batteries to the rest of the vehicle is direct current (DC) voltage," explained Andrea Smeby, Phillips Industries content specialist. "Digital multimeters that have a numeric display are the most common, but every multimeter is comprised of three key components—the display, the rotary knob or dial to select the electrical measurement setting, and ports for two detachable probes used to perform a diagnostic."

Smeby outlined a few "do's and don'ts" when using a multimeter.

Do

- Have a basic understanding of how electricity works. Understanding the basics of how electricity performs within the scope of the test you are performing allows for a better understanding of not only how to set the multimeter up for proper testing, but also what the results mean.
- Make sure that the probes are plugged into the proper ports or the multimeter won't be able to perform the test.
- Make sure the dial or knob is set to the correct electrical unit and correct measurement range. If not set to the correct measurement range, the reading will display a 1 (one). Some advanced devices are "auto-range," meaning after the multimeter is set to the desired unit of measure it will automatically adjust the range for the test being performed.
- Refer to the owner's manual when in doubt, as most should have a wealth of knowledge regarding the use of the product.

Don't

- Pierce the jacketing to test wires, as holes can create paths for contaminants to wick their way into the wiring system, corroding wires from the inside out. //

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6346
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