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Service Bulletin

Effective date: 5/23/2023

Product Description: E3/EWXT

Product Issue: Potential Battery Charging Issue

Solution: Updated Charging Instructions

Bulletin Completed by: Adam Finch

WARNING: Properly charge, store, and maintain batteries in accordance with manuals and enclosed instruction sheet to make sure the tools are ready when needed.

Hurst Jaws of Life, relentlessly enhances its technology providing tools that first responders use to maximize life safety, with greater speed and under more extreme conditions.

The eDraulic line of battery-powered extraction tools is an example of this development in technology.

These tools use leading edge Lithium-Ion batteries protected by a BMS (Battery Management System), which provides protection and communication to maximize battery performance.

The eDraulic E3/EWXT batteries provide significant technological advancements, as compared to the prior generation E2 batteries, including increased capacity, wider range of temperature operation, fresh and salt water submersible operation, communication between the tool, battery and charger, LED displays, and software updates without disassembly/reassembly.

In order for an eDraulic tool to function properly, it must be able to draw upon instantaneous power from the battery.

Based on recent feedback from a very limited number of customers, we have attached a charging recommendations chart that shows how the E3/EWXT batteries can be kept at full charge and in proper working order.

Further, Hurst Jaws of Life, now recommends rotating the batteries from the charger to the tool often. Rotating them every shift or every week is not too often. Frequent recharging will not harm the battery. Please follow the attached recommendations for the LED indicators to ensure the tool is operating at peak performance.

As always, thanks for your lifesaving efforts and support of Hurst Jaws of Life, products.

(For charging E3/EWXT batteries)

Proper Charging & Verification of Charging



1. Check Condition of **Charger** [Right LED on Charger]

- Red, Continuously ON -> Indicates Power is ON
- Red, Blinking -> Charger is defective

2. After placing Battery in Charger; Check Condition of **Battery in Charger** [Left LED on Charger]:

- Green, Continuously ON -> Battery fully charged
- Green, Blinking -> Battery is charging

Do not use Battery if Left Charger LED show any of these error codes [Left LED on Charger]:

- Red, continuously on -> Battery is faulty
- Off, blank -> Battery is faulty
- Red, blinking -> Battery outside optimal temp range (**Do not use** until battery is in the temp. range provided in manual)

3. Check **Battery** is fully charged [Charger & Battery LEDs]

When On Charger: Charger Left LED Green + Battery LED is blank:



When Off Charger: Press button "I" + Battery LED is full:



Checking Battery Level on the Tool

1. Insert Charged Battery on Tool
2. Immediately upon insertion of the battery into the tool Inspect Battery LED for Red flashing LED, this will appear within the first 3s-5s
Flashing Error Codes Do Not Use Battery
3. If no error codes, check SOC (State of Charge), which is continuously on ~10s
Should see full Charge on battery as shown below before using tool



Check Charge Before Using the Tool

When battery is already installed on the tool

1. Press "I" button
2. Do not use if Battery Charge is not >75% as shown below:

