Body of the Bulletin

The Hale ESP pump primer is the most popular priming system for fire pumps in North America, being used on Hale and other brands of pumps. The highly reliable and popular accessory is now being upgraded with a new solenoid that has heavier contacts and springs for even better operation.

The solenoid is shipped in the standard location, however it is now mounted with an innovative clamp that allows the solenoid to be re-positioned on the primer pump so that potential interference or damage can be avoided.

In addition, the priming pump amp draw has been reduced from a maximum of 300 amps to 280 amps without any loss of the priming performance that has made the ESP primer a popular fire pump accessory.

Please review the attached installation documentation for the details on the new ESP priming pump installation. The improved ESP priming pump will begin shipments in place of the current design in early April 2009.

As always Hale working to improve even our best products. Please contact Hale customer service at 1-800-220-3473 if you need additional information.
HALE TYPE ESP-12 PRIMING PUMP
ELECTRICAL INSTALLATION DETAILS

Solenoid Relocation Instructions
1. Disconnect the power supply to the motor and remove the existing solenoid mounting screws.
2. Install the new solenoid using the existing solenoid mounting holes. The screws must be tightened securely.
3. Connect the solenoid to the desired location.
4. Tighten the terminal nut to 10-12 in-lbs.

Solenoid Fastener Torque Specifications
- (2) M8-1.25 UNC terminals: 85 in-lbs maximum torque
- (12) No.10-32 UNC coil terminal: 40 in-lbs maximum torque

Batteries
- Use minimum AA or AAA batteries.

PVG Priming Valve
- Connect to either a PVG switch or panel mount switch.
- Battery power connection: 12 VDC.

SPV Panel Mounted Switch
- Connect to a PVG switch or panel mount switch.

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