

HALE PUMPS

Hale Fire Pump Company
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August 10, 1973

SERVICE BULLETIN #25

TO: All Major Pump Customers
SUBJECT: VPS - CONTROL VALVE AND POWER SHIFT

Gentlemen:

We have made several improvements to the VPS power shift and control during the past year or so and would like to bring you up to date on what has been done.

CONTROL VALVE

1. An indicator pin has been installed to show locked and unlocked position.
2. The body has been hard anodized to prevent scoring.
3. The hex stock body has been enlarged to prevent over tightened fittings from binding stem.
4. A metering set screw has been installed in a 90° elbow fitting to control the flow of air entering valve and cylinder. This prevents uncemented "O" ring valve seals from failing as well as providing smoother, quieter shifts. Further, this eliminates the need for a pressure regulator valve.

NOTE: When using the new VPS control valves with vacuum, it is important that you remove the hex metering set screw so as to not restrict the vacuum flow.

(The improved VPS valve with the metering elbow can be readily identified by the pink instruction slip which has been enclosed with all VPS shifts shipped after 6/18/73.)

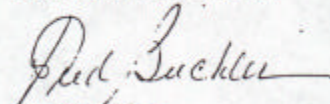
POWER SHIFT MECHANISM

5. An "O" ring seal has been added to the power cylinder cover and the cover bolt thread engagement has been increased to prevent possible air leakage.

We feel that these improvements and corrections should alleviate any past problems you may have experienced with this device.

These changes are part of "Hale's" continuing policy to improve our products.

Yours very truly,
HALE FIRE PUMP COMPANY


Fred Buchler
Service Manager