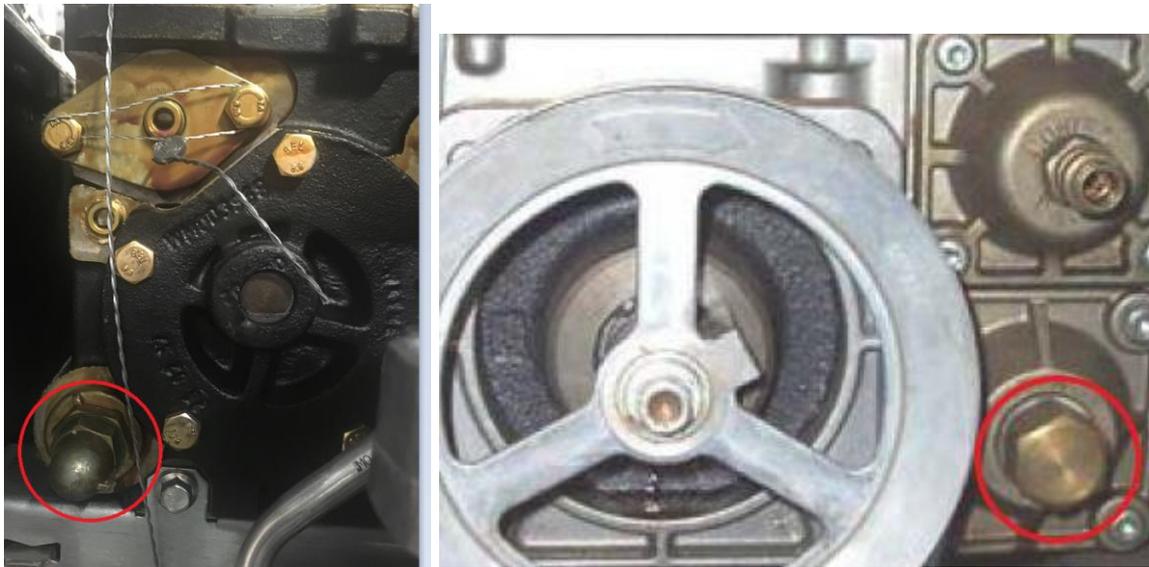


# Service Bulletin SB 2020-01

Addressed to technical service managers.

Topic: Bypass-pressure adjustment



The bypass pressure setting in the factory full fill the requirements for the wet test of the dispensers. The conditions on site will be very different from the conditions on our factory test bay. For that reason, this has to be adjusted at installation.

Wrong bypass settings could lead to following issues:

- Increased level of wear and tear on pumping unit, motor and belt
- Increased level of noise
- Increasing amount of foam inside pumping unit causing air separation failures
- Too high flowrate of the fuel, not according the VR-certificate and could generate as well vapour recovery failures on the monitoring system.
- Higher motor amps leading to premature failure of the motor.
- Excessive level of vibration that could interfere with other parts of the dispenser

The methods of the bypass-pressure adjustment depend from the pumping unit model and are described in detail in the manuals. Our regular offered training sessions providing this know-how as well.

Note: Especially for single phase systems where there are fluctuations in the power supply, the bypass setting is used to verify and adjust the motor running current to ensure that the values stated on the motor badge plate are not exceeded. It is also recommended to set the motor running current to allow a tolerance for operating under low voltage during power fluctuations as an additional protection for the motor.

If you have any further technical questions on this info, please contact your local DFS Regional Service Manager.

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