

TB 98

TECHNICAL BULLETIN

INFORMATION ONLY

For the Attention of : Installers, Trade Customers, Trainers

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Product : Midilift SL

Subject : Pressure Switch Adjustment for the RFP pump unit

Pages : 2

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This document has been produced to outline the correct procedure for setting the over pressure switch on a RFP pump unit.

The pressure switch is located on the valve block, which is beneath the motor and in front of the hose connection shut off valve. See below:



Pressure Switch

Adjusting the Pressure Switch

1. Place 475 Kg load onto the platform
2. Remove the fixing screw from the pressure switch connector. Leave connected.
3. Insert a 2mm Allen key into the pressure switch and turn clockwise to increase the setting. Take care not to over tighten the screw!

4. Run the lift up and while the lift is running, slowly turn the Allen key back anti-clockwise until the lift stops. Care is needed to stop adjusting the switch as soon as the switch opens and stops the lift.
5. Call the lift down, and then raise it to check that the switch operates (see bottom note). Repeat part 4 if not.
6. Call the lift to ground floor and remove 75Kg from the platform, leaving 400Kg. Run the lift up to check pressure switch does not operate with rated load and replace the switch fixing screw.

Note

Due to the small pressure differences under load and that the pressure switch has a large operational hysteresis, a load greater than 75Kg may have to be removed to reset the switch.

When the switch operates, always call the lift down, pull the emergency lowering valve or remove a further 50Kg. This will allow the switch to reach its reset point. In service, if the over pressure switch operates, two people would have to leave the lift to reset the switch.