

Therapy Equipment Ltd - Workshop Standing Instructions

4.0 PRODUCT SERVICING/REPAIR - WORKSHOP (Cont'd)

4.3 SUCTION CONTROLLER - Part no. 4740 Thoracic, 4720 Low, 4701 High. (Cont'd)

4.3.4 ON/OFF Switch Repair

- a) Remove Pipeline Protector or Filter Jar from unit,
- b) Remove four screws in Jar Top securing Body of Unit. Retain the two 'O' Rings,
- c) Rotate ON/OFF Switch parallel to Body in mid ON/OFF position,
- d) Using pointed pliers remove the Spirol Pin from Switch Shaft,
- e) Remove Switch and damaged Shaft and scrap them,
- f) Take new ON/OFF Switch (4701-16), check it is fully de-burred and fit White 'O' Ring (4701-64) to Shaft before applying any grease,
- g) Apply a small amount of Kilopose grease 001G into the two 'O' Ring recesses on Shaft and to 'O' Ring (4701-54) and 'O' Ring (4701-64). Fit 'O' Ring to Shaft,
- h) Clear recess holes of any excess grease,
- i) Push ON/OFF Switch into the Body Assembly, ensuring it is angled to avoid the 'O' Ring coming across the face of the hole in the Body with a thin piece of metal, if required,
- j) When in position, rotate the Switch through 360° three times to ensure there is no interference,
- k) Subject to correct fitting, insert new Spirol Pin (4701-17) to capture ON/OFF Switch in Body,
- l) Re-fit the two 'O' Rings in Jar Top recesses,
- m) Using a powerdriver, attach the Jar Top to the Body with four screw (4701-35), ensuring small 'O' Ring (4701-54) is aligned with Gauge socket hole,
- n) Lightly grease large 'O' Ring (4701-10) with Vaseline and insert into open end of Jar Top,
- o) Re-test unit as per paragraph (f) to (m) in Section 4.3.3 above.

4.3.5 Packing and Recording

- a) Clean all marks from unit,
- b) Sign and record details to Internal Repair Sheet,
- c) Pack unit in a Polythene Bag and place on Dispatch Shelf for return to Customer.

4.0 PRODUCT SERVICING/REPAIR - WORKSHOP (Cont'd)

4.3 SUCTION CONTROLLER - Part no. 4740 Thoracic, 4720 Low, 4701 High.

4.3.1 Precautions

- a) It is advised that Latex Gloves are worn before any work is carried out on Controllers.
- b) If the unit appears to contain any effluent - DO NOT OPEN and return it to the Customer in a Polythene Bag, stating reason why.

4.3.2 Part Numbers

Refer to Price List and Catalogue for relevant model part numbers for renewed components.

4.3.3 Procedure

- a) Wipe unit with a 5% Alcohol Solution to clean,
- b) For THORACIC models, remove the Filter Jar and Float Assembly and renew the cylindrical Filter, if discoloured,
- c) For LOW and HIGH models renew the Filter Jar, if discoloured,
- d) Check the Control Knob for freedom of movement. If NOT free, refer to appropriate Product Assembly Sections of this Manual (2.3.8 or 2.4.7) and dismantle and assemble Control Knob Assembly, as required to rectify,
- e) Check the ON/OFF Switch for freedom of movement. If NOT free or the Switch Shaft has sheered, follow procedure in paragraph 4.3.4 below,
- f) Fit Blank Jar Assembly and connect to Vacuum supply,
- g) Turn Switch ON, set Control Knob to Maximum and ensure all aspects of the unit are functional,
- h) Check Gauge readings are as follows with Control Knob fully Open:
THORACIC 35 - 40 cm. LOW 150 Hg. HIGH 625 Hg,
- i) Check unit and Vacuum supply Gauges read the same, If NOT, renew unit Gauge and re-check to Vacuum Gauge,
- j) For HIGH model turn Control Knob OFF and ensure Gauge holds reading,
- k) Correct any faults found,
- l) Close Control Knob, turn Switch OFF and disconnect unit from Vacuum supply,
- m) Remove Blank Jar Assembly and fit new Filter to THORACIC unit, if not already renewed. Fit new Pipeline Protector to HIGH and LOW units.