



Technical Note

Unit 2, The Business Centre, Molly Millars Lane, Wokingham, Berkshire, RG41 2RZ

Main: Tel: 0118 9786929 Fax: 0118 9789934

email: mailbox@anmedic.co.uk website: www.anmedic.co.uk

Tech Note Number: 01-01	Date: 19 February 2001	Category:
--------------------------------	-------------------------------	------------------

Title: Cavendish Oxygen Flush

Units affected: Cavendish 250, 500, 750
Cavendish 460,680, 460M 680M

Action: This note is to warn users that an incorrect valve may have been supplied by MIE and or that a similar valve used by other Medical companies could be inadvertently fitted to MIE Cavendish Anaesthetic machines. This does not apply to service kits supplied by Anmedic UK.

Author: W T Quick

Summary: A valve, part number 8698-016 supplied with service kits 8798-760, 8826-751 or as a separate spare for servicing the Oxygen Flush valve may not fit the housing in the correct manner. When fitting this valve it is important that the screw thread is level or below the surface of the housing. (See accompanying sketch) If the body of the valve protrudes above the shoulder of the valve housing when tightened it may be of the wrong type and should be discarded. Identification of the correct valve can only be determined by fitting the valve to the housing and ensuring that position 'A' is level or below the surface of the Housing.

A protruding valve has the effect of allowing the Main Push Rod to engage the Valve Core body, and if this is rotated in an anti-clockwise direction during depression of the flush, could loosen the valve thus allowing Oxygen to leak to the Common Gas outlet.

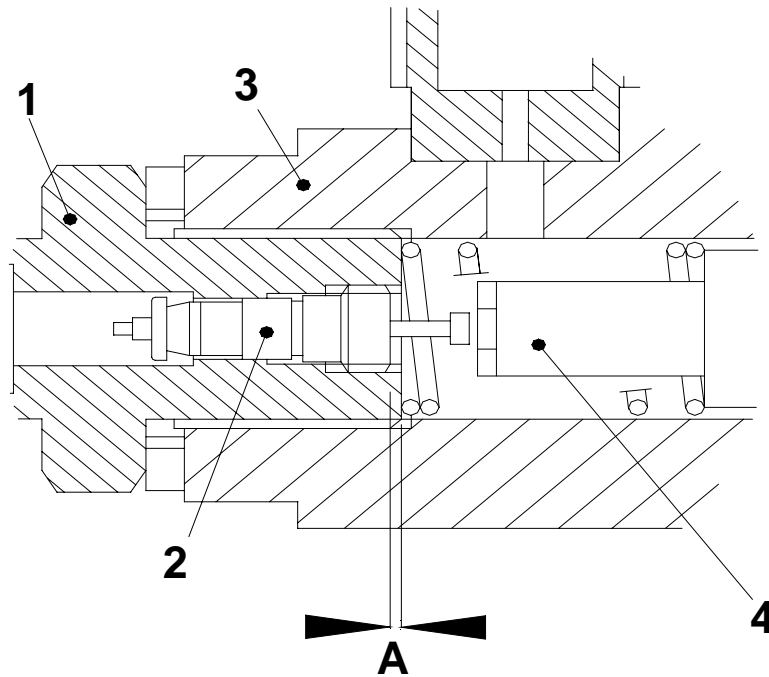
Check all stock you may of this valve, discard any that do not fit.

A qualified Hospital Technician should check any Cavendish machine that might be affected. By detaching the supply hose (copper tube) from the rear of the flush valve, carefully unscrew the valve housing, check position of valve. Take appropriate action as necessary.

Re-fit housing and supply tube, check machine for leaks.

Approvals	Name	Signature	Date
Engineering Manager	Bill Quick		
General Manager	John Basford		

Customer release: Yes No (tick one)



- 1. Valve Housing
- 2. Valve Core (8698-016)
- 3. Main Body
- 4. Main Push Rod