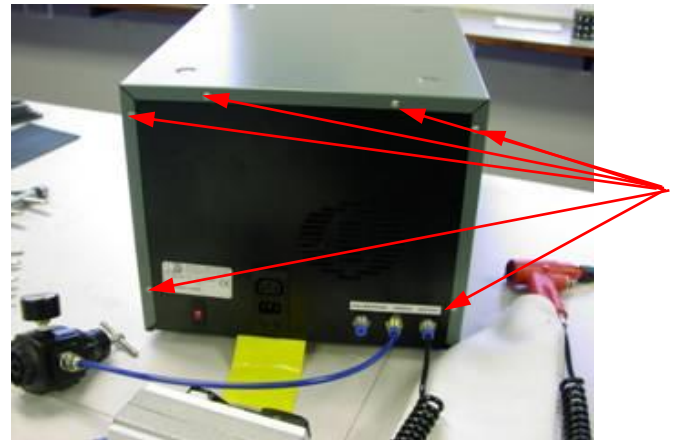


Adjusting the Impulse Door Switch

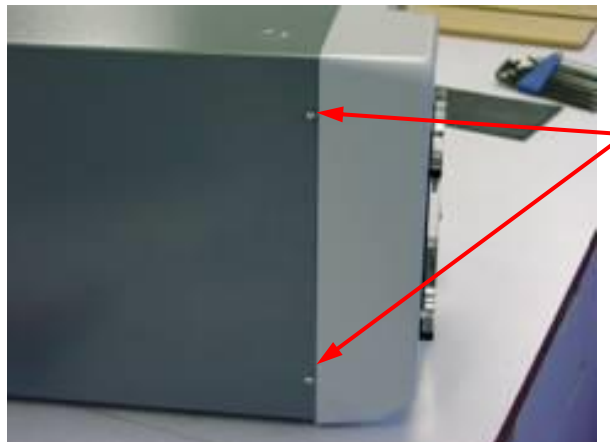
WARNING: Any maintenance work undertaken on a James Heal instrument must be done so by a trained and competent person. Where electrical work is detailed, this should only be completed by a qualified engineer. James Heal is not responsible for damage or injury arising from work carried out by any person not qualified to do so. If in doubt, please contact James Heal or your local James Heal Agent.

THE FOLLOWING PROCEDURE REQUIRES THAT THE IMPULSE IS CONNECTED TO THE ELECTRICAL SUPPLY WHILE THE COVERS ARE REMOVED AND THEREFORE SHOULD ONLY BE PERFORMED BY A COMPETENT TECHNICIAN.

- 1) Disconnect the electrical supply to the Impulse
- 2) Remove the 6 screws at the rear of the unit.

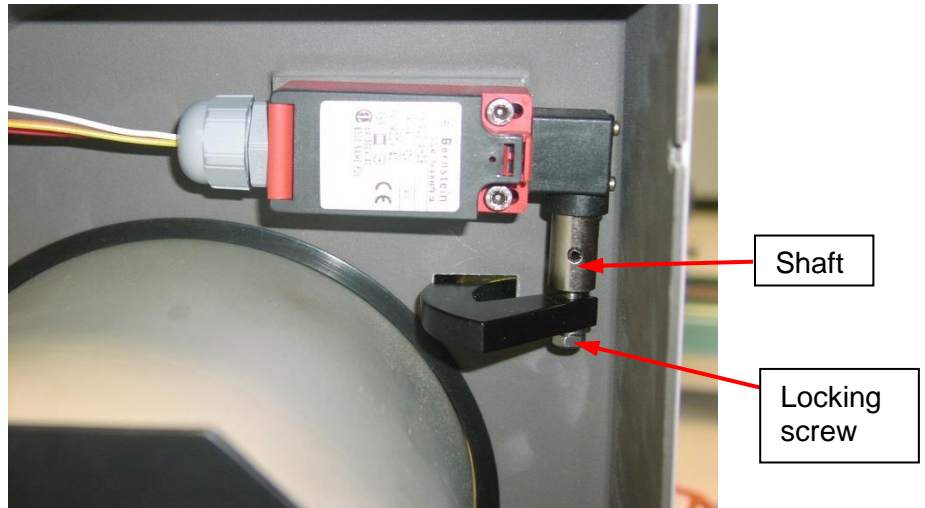


- 3) Slacken the 4 screws (2 each side) at the front of the unit.



- 4) Pull the main cover towards the rear of the Impulse so that the front clamp bars disengage then remove the cover completely.

- 5) The door switch is locked on the front cover just above the upper hinge.



Adjustment:

- Slacken the locking screw a little.
- Rotate the shaft slightly (pliers may be needed) then retighten the locking screw.
- Apply power to the unit be careful not to touch any part of the internals of the Impulse as dangerous voltages are now resent.
- Start the Impulse running and check that the door switch stops the rotor when the door is opened but not opened far enough to allow access to the chamber.

If the door opens too far before the rotor stops turn the shaft in the direction indicated. (Anticlockwise viewed from above.)

If the motor will not run with the door shut rotate the shaft slightly in the opposite direction, (Clockwise viewed from above)



- 6) Refit the cover in the reverse order of the above and check the switch adjustment is still correct.