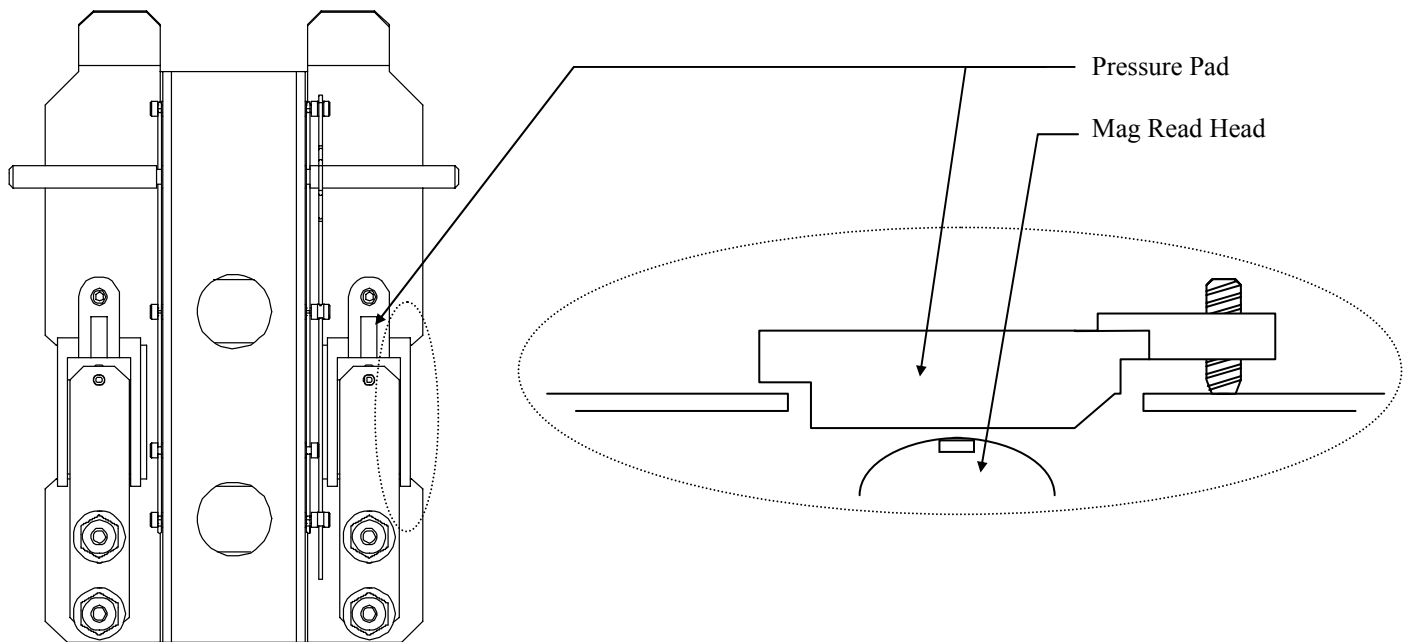


EC2000 ATB Magnetic Head Pressure Pad Adjustment

The EC2000 ATB mechanism includes two ATB magnetic read heads (designed specifically for ATB magstripe processing). The Idler Assembly (shown below) locks into place above the magnetic heads and the paper path.

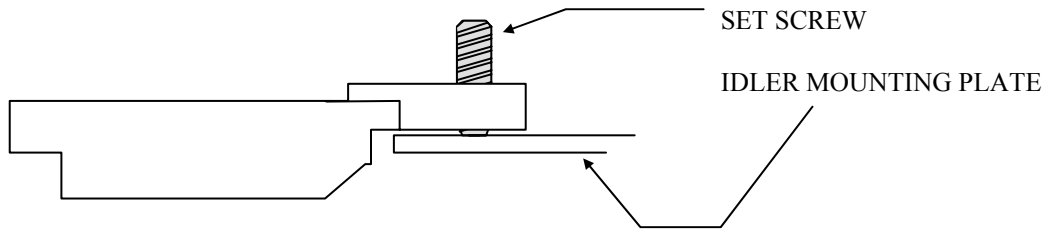
Built into the idler assembly are two plastic pressure pads that are located directly above the heads and maintain contact between the ATB magstripe and the head (magstripe oriented down).

A hex headed set screw is fitted into the front of the pressure pad which is used to adjusted pressure and angle that is applied to the magnetic head.

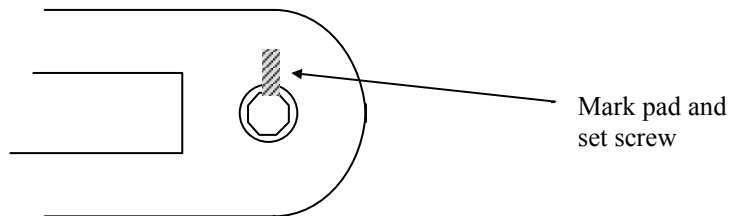


PROCEDURE

1. Turn the set screw in the front of the pressure pad(s) so that the set screw just protrudes from the bottom of the pressure pad making contact with the metal frame of the idler assembly. Verify that the pressure pad is not touching the metal frame of the idler assembly.



2. Run a test ATB MAG test coupon through the unit so that the magstripe will run under the pressure pad(s) being adjusted. If the coupon runs through without jamming, and the encoded data is read correctly then no further adjustments should be required. If the encoded data cannot be read correctly, proceed with step 3.
3. Mark the position of the set screw (pressure pad and set screw).



4. Turn the set screw a full turn clockwise. Run a test ATB Mag test coupon through the unit. If the unit still cannot read the coupon, turn the set screw another full turn clockwise. Repeat until the unit just starts reading the test coupon (but not perfectly).
5. Once the unit starts reading test coupons, start turning the set screw by 1/4 turn increments. Repeat until the unit can read at coupons in order without read errors.