

Appendix D.

DRIVE BELT CHANGE PROCEDURE

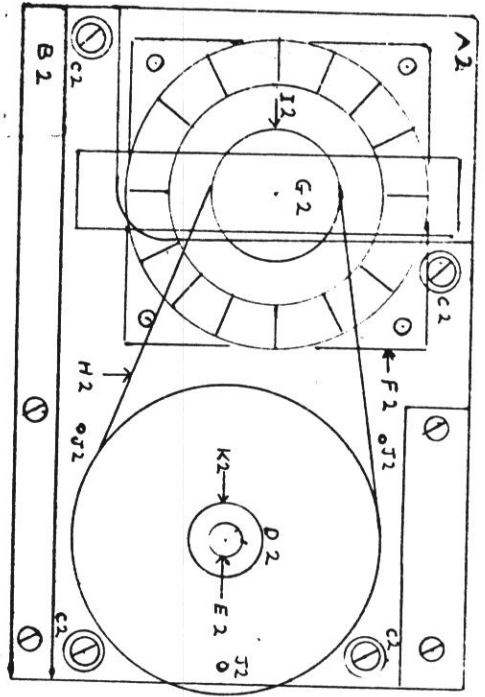
Disconnect machine from its power supply.

These instructions should be read and understood before attempting to remove the motor assembly!

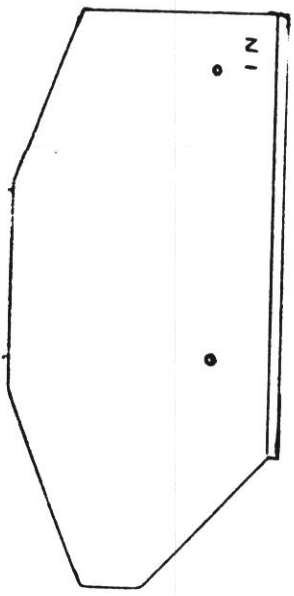
1. Remove rear panel of machine being careful to disconnect the fan terminals as the panel is lifted away. Four spacers are placed at the top of the frame - these are glued in place and should not be removed.
2. Remove six chromed screws from right hand side sheet. Remove wooden side sheet and place to one side.
3. Facing the rear of the machine, remove two 6BA posidrive screws on the left hand side of the speed change p.c.b. (J2). Slacken the remaining 6BA posidrive screw and swing the speed change p.c.b. through 180 degrees in order to give access to the capstan motor mounting plate (see drawing SH-3)
4. Remove 3 2BA posidrive screws as shown in drawing SH-3 and marked C-2. Under no circumstances should any other posidrive screw be loosened.
5. Remove the single countersunk 2BA screw to which the motor chassis is earthed. Retain the spacer which will become free as this screw is withdrawn. The motor and its mounting plate will now be free and may be pulled clear of the brass flywheel.

Under no circumstances should the flywheel be disturbed from its main mounting.

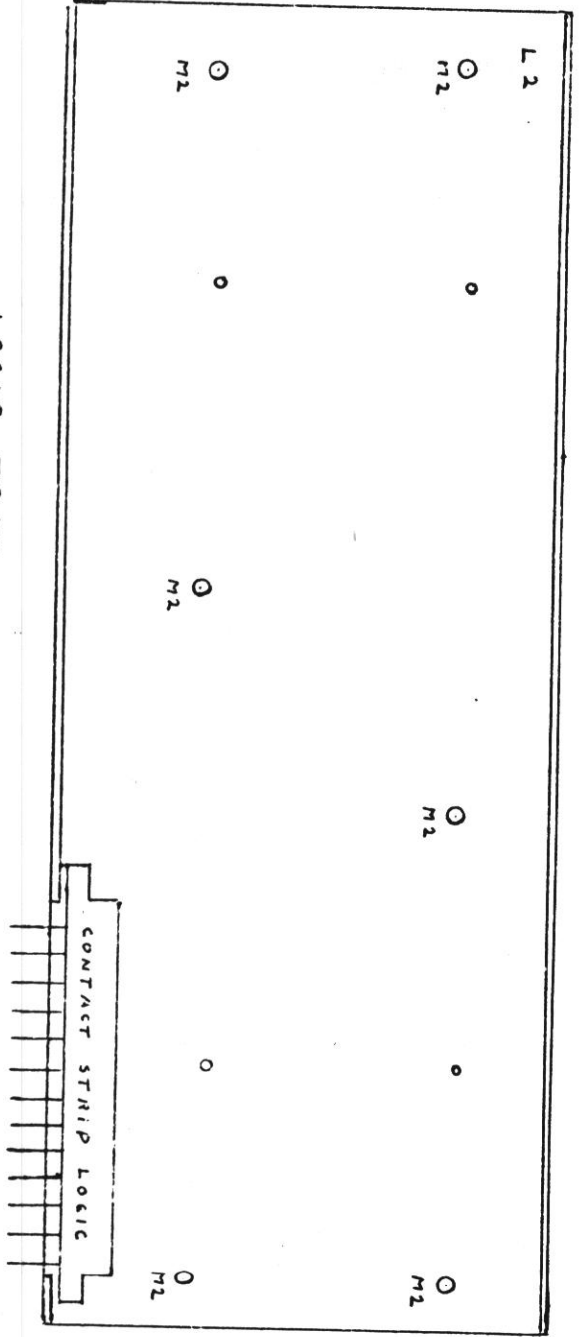
6. Replacement drive belts may now be placed over the brass flywheel. A length of wire should be threaded through the belts in order to pull them away from the flywheel over the motor drive pulley.
7. Re-assemble the motor mounting plate and replace speed change board.
8. Pull drive belts from the side of the machine and position them over the drive pulley, ensuring that they are well seated in the pulley grooves.
9. Reconnect fan and replace machine covers.



DRIVE UNIT



HEAD COVER



LOGIC TRAY

- | | | |
|----|-------------------------|---|
| A1 | MOTOR PLATE | 1 |
| B2 | FLYWHEEL PLATE | 1 |
| C2 | DRIVE UNIT POSTS | 4 |
| D2 | FLYWHEEL | 1 |
| E2 | FLYWHEEL SHAFT | 1 |
| F2 | MOTOR PLATE SMALL | 1 |
| G2 | DRIVE MOTOR | 1 |
| H2 | BELTS | 2 |
| I2 | MOTOR PULLEY | 1 |
| J2 | PRINTED CU. POSTS | 3 |
| K2 | FLYWHEEL BUSH | 1 |
| L2 | LOGIC TRAY | 1 |
| M2 | PRINTED CU. POSTS, L.I. | 1 |
| N1 | HEAD COVER | 1 |