

Fig. 26 or 28, and also the Line Input lead(s) from two upper left pins of record board(s). Remove one screw each side holding chassis to cross frame, and also two on each side frame; note one screw is shorter than the others and must be replaced in same position on re-assembly. Amplifier will now slide free of frame.

Replace amplifier in reverse order.

(g) *To hinge up AMPLIFIER PANEL*, after (f) above, turn equalisation knob to "med" position, then undo nut holding lever and strap pivot at the equalisation switch at the centre of the amplifier (Fig. 28). On stereo models it is also necessary to loosen higher grub screw between R721 and R722; (Fig. 29), Record Mode knob at "Stereo", so that Record Mode knob and spindle may be withdrawn upwards.

FERROGRAPH SERIES SEVEN

INSTRUCTIONS FOR THE REMOVAL OF SUB-ASSEMBLIES

SERIES SEVEN FERROGRAPH

INSTRUCTIONS FOR THE REMOVAL OF SUB-ASSEMBLIES

A comprehensive Service Manual is in course of preparation, but until this becomes available the following notes will act as a guide (together with the Operator's Handbook) to gaining access to the various parts of the recorder.

Before attempting any of the following operations, *disconnect* the recorder from the mains power supply.

(a) *To remove DECK COVER PLATE* and expose the deck mechanism (Fig. 20), slacken grub screws and remove speed change knob and mains on/off knob. Remove four screws holding cover plate and lift rear of plate first, then ease front from under control panel. Take care not to break foil stop lead on front left of panel. Except where only slight adjustments are being carried out, it is advisable to remove the foil stop lead from the plate (note necessary on later models).

Replace cover plate in reverse order, easing controls (record button, reel height adjusters, etc.) into appropriate apertures.

(b) *To remove DECK CONTROL PANEL*, slacken grub screws and remove function knob, fast wind knob and auto stop arm guide. Remove four screws holding control panel (one at each corner) and lift panel and head cover, taking care not to strain loading arm and knob. Retain screws and four spacers which fit underneath them.

Replace control panel in reverse order, with function switch at "Pause" or "Run" position and tape loading gate closed.

(c) *To gain access to IDLER WHEELS*, remove deck cover plate as in (a) above and undo hexagonal pillar holding "power on" lamp holder. After sliding reset lamp holder upwards, turns counter mechanism and

bracket can be gently "rotated" with the flexible drive to rest near auto stop arm, taking care not to strain drive cable. With speed change mechanism at highest tape speed, other two idler wheels are easily accessible. The high speed idler, nearest deck plate, is accessible after sliding out top two idler wheel arms, taking care not to strain springs. If removing circlip, take care it does not spring off and become lost in mechanism.

Replace mechanism in reverse manner, locating turns counter bracket in slots under control panel.

(d) For following operations it is necessary to remove complete recorder chassis from case, as outlined in Operator's Handbook, page 37.

If it is required to have access to function switch or flywheel, deck front can be hinged on rear mounting bolts by unscrewing front two, one on each side of cross frame. The power supply *must* be disconnected when doing this. If the power unit is removed as described below, the deck can be hinged even more, to expose the underside of the deck plate.

When re-fitting mounting bolts, washers should be against the rubber mounts and spacer next to deck plate (on later models, spacer and inner washer are combined into one fixed part).

(e) *To remove POWER UNIT*, unplug lead to amplifier (SK700, Fig. 27 or 29) and lead to deck (P101, Fig. 20). Loosen jack sockets at extreme end of rear panel (Line Input) and replace bezel, spacers, etc., on socket, remove four screws from cross frames (near letters F in Fig. 28), and ease rear panel and chassis towards rear. Carrying handle can be moved out of way by pulling it out fully, moving wires sideways and upwards out of slots, and whole handle pulled upwards. Rear panel and chassis can now be slid clear underneath handle.

Replace power unit in reverse order.

(f) *To remove AMPLIFIER*, remove all plugs from rear of amplifier; P100, P700 and two (mono) or four (stereo) phono plugs. Replay head lead(s) must be unsoldered from two lower right pins of replay board(s).