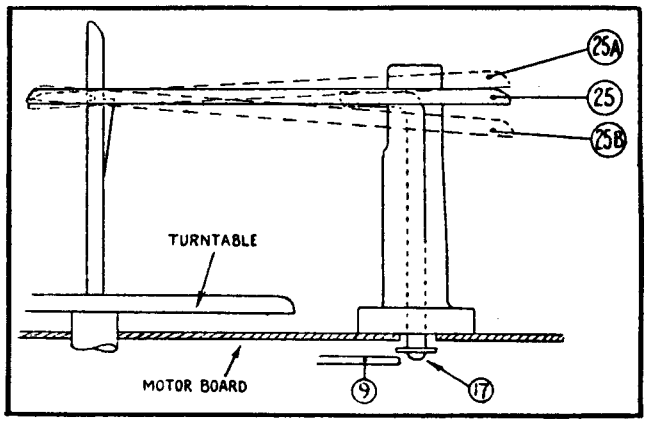

Fig. 10

Record Spindle Setting.

The action of the record support spindle is fully described in "The Record Selecting Mechanism" and is illustrated in Fig. 8. If the spindle is not opening or closing correctly, the brackets 23 and 24 are incorrectly adjusted. Proceed as follows. Slacken the fixing screws on both brackets. Turn the turntable until the bush 18 lies in the lowest part of the cam 19. Then turn the mechanism back slightly so that the bush is just beginning to travel up the cam and the arm 20 just commences to move. Push bracket 24 so that it makes contact with the shaft and tighten the fixing screws. (This bracket then forms the stop and removes the spring pressure from the end of the spindle shaft 21, which would otherwise become bent or would wear quickly.) Insert the record spindle (the inner shaft of which is spring loaded) and push the top of it into the "record dropping position." This will cause bracket 23 to slide to a position at which it should be locked with the two fixing screws.

Overarm Adjustment.

It is possible that the overarm which rests over the top of the record pile may become bent, in which case either the pick-up will lift and return to the rest without playing a record, or the mechanism will not switch off after the last record has been played.

In Fig. 10 the correct setting for the overarm 25 is shown. It should be adjusted so that the end of the spindle 17 is just above the plate 9 (see also Fig. 7) when the arm is in the position shown If the overarm is bent, it will still take up its correct position on the record spindle, but the other end of the arm will be displaced (indicated dotted) with the result that the end of the spindle 17 will not be in its correct position. If the arm is bent to position 25-a, the spindle will not drop sufficiently far down after the last record to hold back plate 9, and hence the pick-up will again feed out to the record and fail to stop. If the arm is bent to position 25-b, the spindle will drop too far down and on the last record of the pile (or, if the bend is excessive, on the preceding record also), the spindle end 17 will hold back plate 9 and the pick-up will not feed to the record at all.

PARTS LIST

Fig. No.	No. on Drawing	Description	Code No.
		MOTOR ASSEMBLY	
		Rubber mounting bush, 4 off	49.922.26
		Metal mounting bush, 4 off	49.922.27
		Stator and field coil assembly	49.924.12
		Rotor and spindle assembly	49.926.27
		Rotor bearing screw, 2 off	49.931.61
		Nut for rotor bearing screw, 2 off	07.093.06
		Steel ball, 3/32", 2 off	89.205.76
		Bearing, 2 off	49.931.58
		Felt pad for bearing, 2 off	49.931.57
		Bearing retaining ring, 2 off	49.931.59
		Fibre disc between bearing screw or pressure piece and ball, 2 off	49.933.41
		Pressure spring, drive end	49.931.63
		Pressure piece, drive end	49.931.62
		Spring steel disc, motor end	49.931.60
		Capacitor, 1.2 mF	49.134.12
		FRICTION DRIVE	
		Friction wheel, complete	49.926.47
		Friction ring only	49.926.64
		Bearing bush for friction wheel	49.932.56
		Tension spring	49.932.57
		Fibre washer on spindle	49.932.54
		Locking ring for wheel	07.892.01
		Rubber bush for bracket	49.922.26
		SWITCH UNIT	
		Switch unit, complete	A3.181.31
		Housing	MK.914.15
		Side cover	23.652.06
		Moulded operating lever	MK.922.11
		Moulded hub	MK.914.12
		Return spring for moulded lever	A3.209.90
		Upper spring contact	HY.072.39
		Lower Spring contact	HY.072.40
		Spacer for upper contact block	A3.209.97
		Knob for operating lever	23.609.06