

the remaining two pawl ring screws 3KC3 and 3KC10. Before tightening these screws firmly, screw up the rear paper feed pawl ring adjusting screw 3KC2. The alignment of the perforations in the paper ribbon will then be the same as before the parts were removed.

Connect the pawl springs 5KC3, 6KC3 and 7KC2 to their respective posts, replace paper feed release plate spring 8KC4, paper feed release plate link b8KC2, paper wind lever driving rod a21KC7, paper feed wheel shaft knob 13KC10, and paper feed rod 9KC1. See that all washers and split pins are replaced.

Always check the adjustments of any parts or assemblies which have been removed and replaced.

### NOTES RELATIVE TO THE DUPLEX KEYBOARD

In most respects the adjustments of the Duplex keyboard are similar to those described for the Standard keyboard, and the same instructions apply for taking off complete sections and replacing them. The exceptions will be found recorded in the following paragraphs:

On Duplex keyboards the lower right-hand green button on the left-hand keybank actuates the restoring mechanism of the right-hand unit wheel standard, when the right-hand piston block valve handle 29KC17 is pointing to the left, and when lock switch valve lever 52KC5 is pointing forwards or to the left also. An additional valve bank plunger a41KC12 is provided, actuated by a valve bar 13KA17K. These should be noted and tested when rock shafts and valve bars and valves are being checked or cleaned.

It is not possible to operate the Duplex keyboard and occupy a position central with both of the unit wheel standards. Consequently, the justifying scale pinions xd13KB are meshed with justifying scale gears 12KB1 in positions which will enable either the left-hand or right-hand justifying scales to be easily read from the normal operating position. The justifying scale pointers h14KB1 and j14KB1 are then adjusted to conform with the positions taken by the justifying scales.

As an additional justification warning, the Duplex keyboard is equipped with electric light signals which work in conjunction with the bells. No adjustments are necessary to this