

the upper stop nut 9KC4 stops the downward stroke of the rod 9KC1, and not the piston 28KC5.

PRELIMINARY

Turn on the air.

To start this adjustment the length of the rod 9KC1 between the centres of its eyes 9KC2 should measure about $6\frac{1}{16}$ ". Each eye 9KC2 should be screwed on the rod 9KC1 an equal amount.

Loosen the two lock nuts 9KC5 and back off both stop nuts 9KC4.

PROCEDURE

Adjust the upper stop nut 9KC4 on the rod 9KC1 so that when the front end of the lever a2KC1 is pressed down hard the upper stop nut 9KC4 will come against the upper washer 9KC6 (resting on the lug "A" on the housing c18KC15) and the pawl a6KC1 will move down over one tooth and about one-fourth the way on to the next tooth on the ratchet 13KC5. This ensures that the pawl a6KC1 will always engage the proper tooth on the ratchet 13KC5 to feed the paper one notch at a time.

Note: If the pawl a6KC1 is adjusted to move too far over the next tooth, the downward movement may be stopped by the paper feed piston 28KC5 striking its stop 4KC10, instead of the upper nut 9KC4 coming against the upper washer 9KC6 as it rests on the lug on the housing c18KC15.

Lock the upper nut 9KC4 with its lock nut 9KC5 being careful not to move the upper nut 9KC4.

Second

OBJECT

To have the upward movement of the rod 9KC1 stopped by the lower washer 9KC6 coming against the lug "A" on the housing c18KC15, instead of by the ratchet 13KC6 stopping against the pawl 7KC1. This prevents strain on the shaft 13KC9 and on the two ratchets 13KC5 and 13KC6.

PROCEDURE

Adjust the lower nut 9KC4 on rod 9KC1 so that when the front end of the lever a2KC1 is moved down gently and then slowly raised, the detent 5KC1 will not quite drop into the next