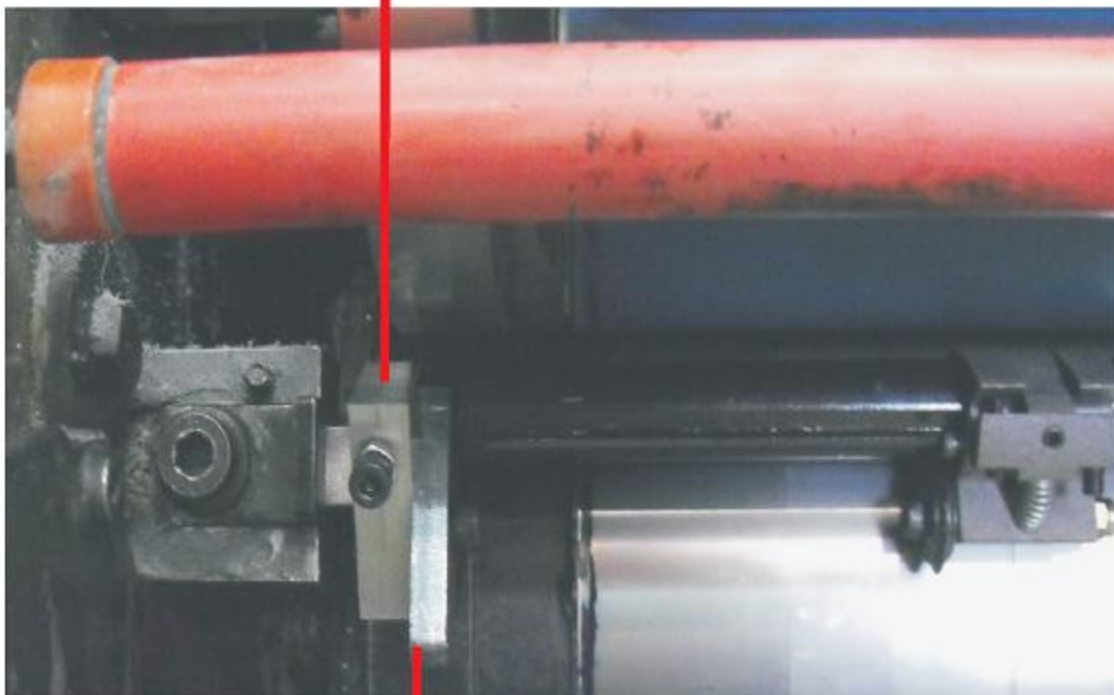


Fitting Instructions for SM 52

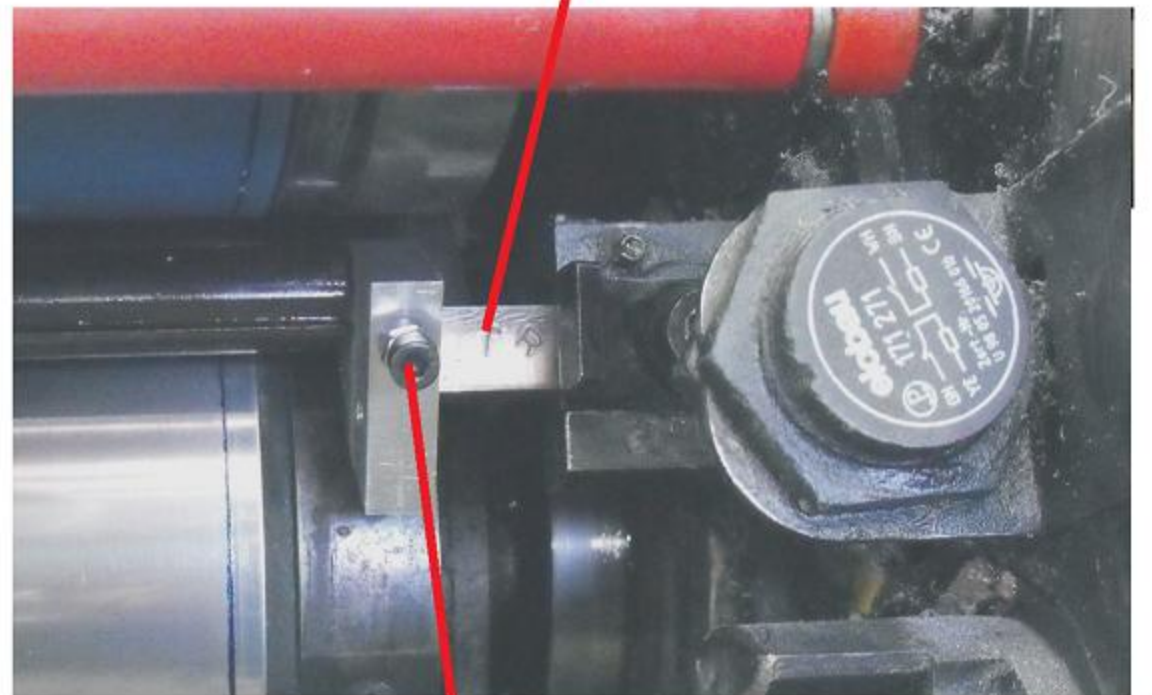
(to be used in conjunction with GTO instructions)

Remove sheet smoother guard & fit unit into the brackets making sure that the brackets are clean as any build up of ink etc. will effect the accuracy of the unit.

Overall view of SM 52 Cylinders showing positioning of the GRAFIX Perforation unit



The bracket with the smaller bar & the forked adjuster goes to the left side as you look at the machine.



The bracket with the larger end fits into the right hand side, if fitted the wrong way damage may occur to the unit & the machine.

This forked trigger adjusts spring tension see GTO Setting Instructions.

Locking screws These lock shaft after correct pressure has been set.

*** Please note the 5mm set screw in the end of each bracket. On a few occasions the latches have been strained, by turning these set screws out SLIGHTLY until a firm tight fit can be obtained.**

THIS UNIT HAS BEEN PRESET ON A JIG & SHOULD ONLY NEED MINOR ADJUSTMENT.

But check carefully that all settings are correct

From this point on all settings as per GTO manual. Fig 11 to 15 see Page 2

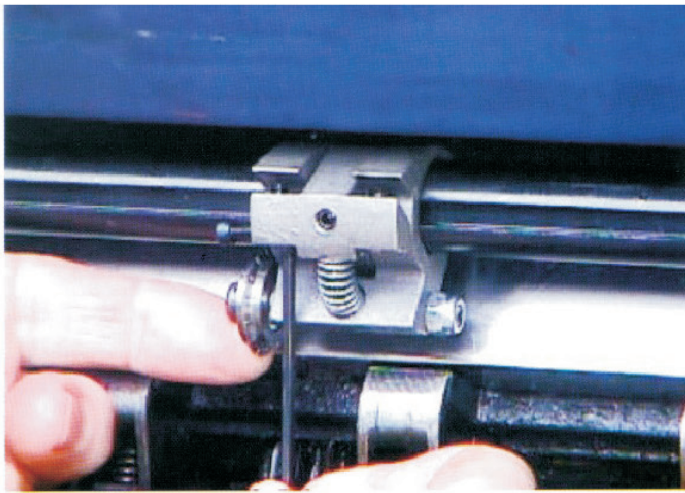


Fig 11: Set the Head Height

The Grub screw on left (underneath) sets the head height. **Wind all perfs off before setting.** Lower each one down untill you achieve the correct pressure to jack, turning wheel with finger as shown.

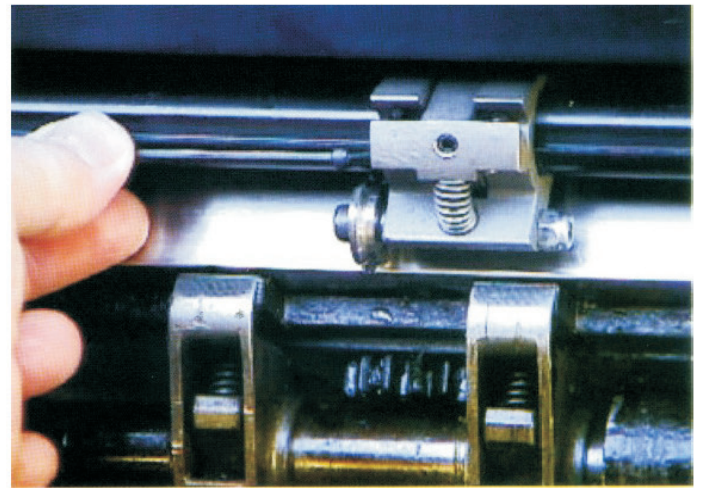


Fig: 12 Lock Height Setting

When the correct setting is achieved this small screw is locked onto the setting screw. **Do not over tighten.**

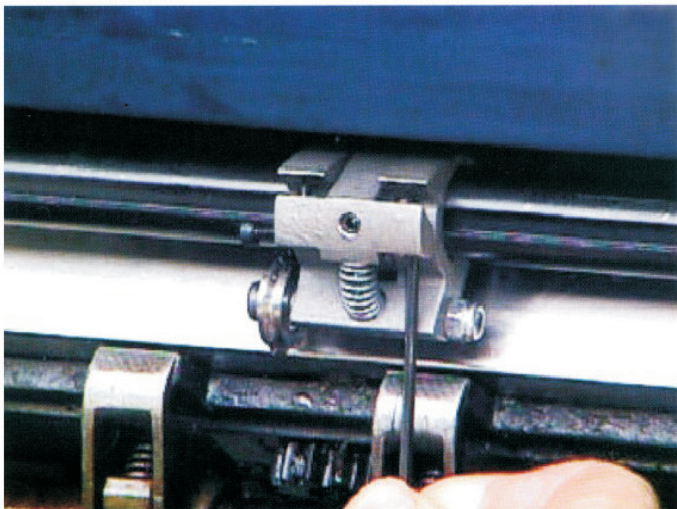


Fig 13: Wheel Lift Off Screw

At the end of the run use this screw to lift head, as soon as wheel lifts off cylinder, turn this screw 1½ turns only. If you lift the wheel too far you will damage the springs!

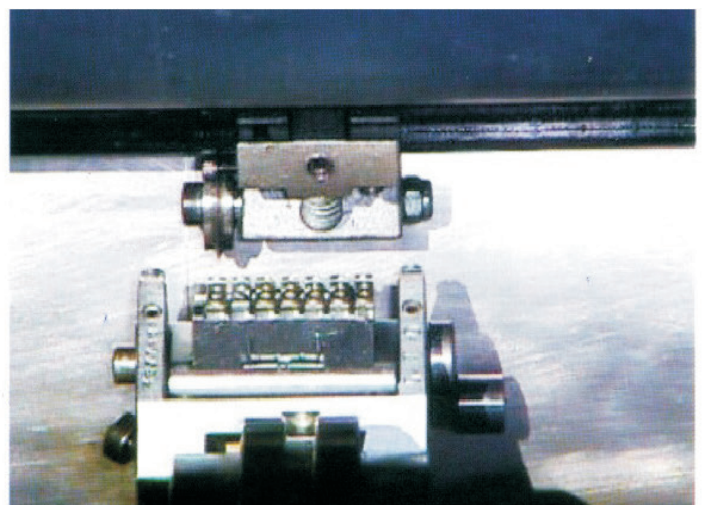


Fig 14: Moving Perforation Head

This operation is best done in the jaws of the cylinder. Undo center grub screw as shown. With an upwards - downwards action on allen key, you will find slight side pressure will move unit accurately into new position.

Fig 15: Check Numbering Box Clearance

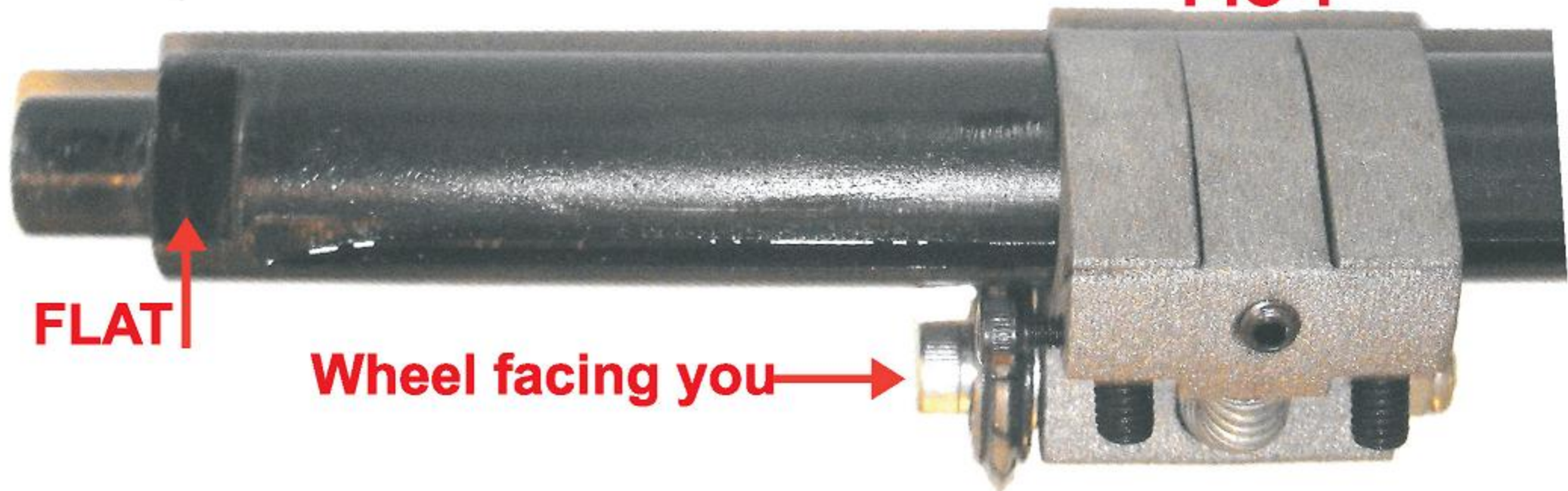
As you will see the perforator does not restrict the positioning of the numbering box. Therefore the problems of repositioning numbers at the artwork stage do not occur.



GRAFIX SM 52 & PRINTMASTER 52 INSTRUCTIONS

With the FLAT surfaces to the left put heads onto bar with the slot & the wheel facing you as in pic.1

PIC 1

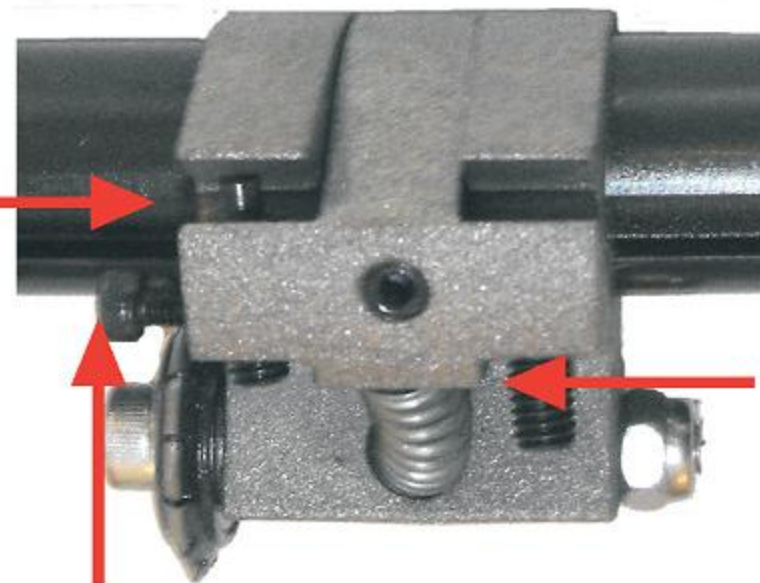


Place one perforation head approx 100mm from the slotted end of shaft and the 2nd head 100mm from the other end.

Setting the heads

Using the left hand adjusting screw open up a gap of approx 3.00 to 3.5mm mm as shown in pic 2 this screw is also used for setting wheel pressure.

PIC 2



The right hand screw is used to lift the wheel at the end of the job therefore the pressure setting is saved for next time.

The socket head screw locks the pressure setting.

Put the bracket with the short square bar on the left of bar ie: the end where the flats are, this bracket also has the forked adjuster attached.



Short square bar

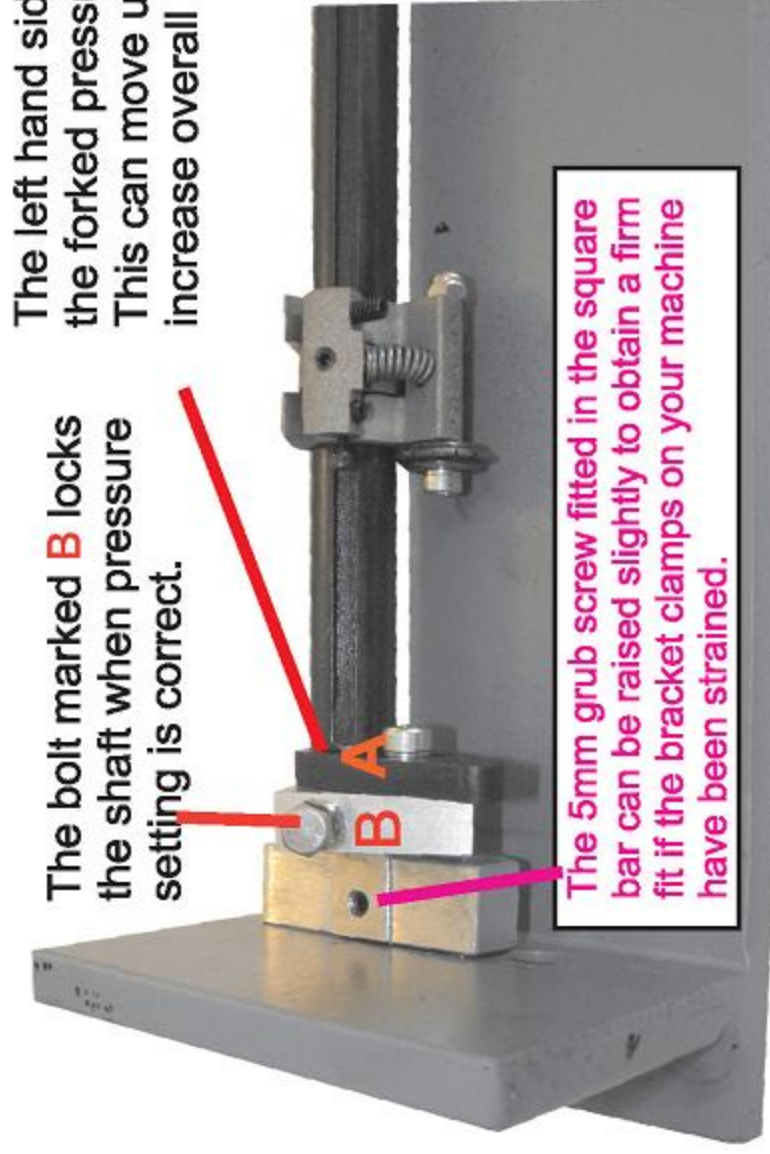
Put the bracket with the long square bar on to the right of the Shaft.



GRAFIX SM 52 & PRINTMASTER 52 INSTRUCTIONS

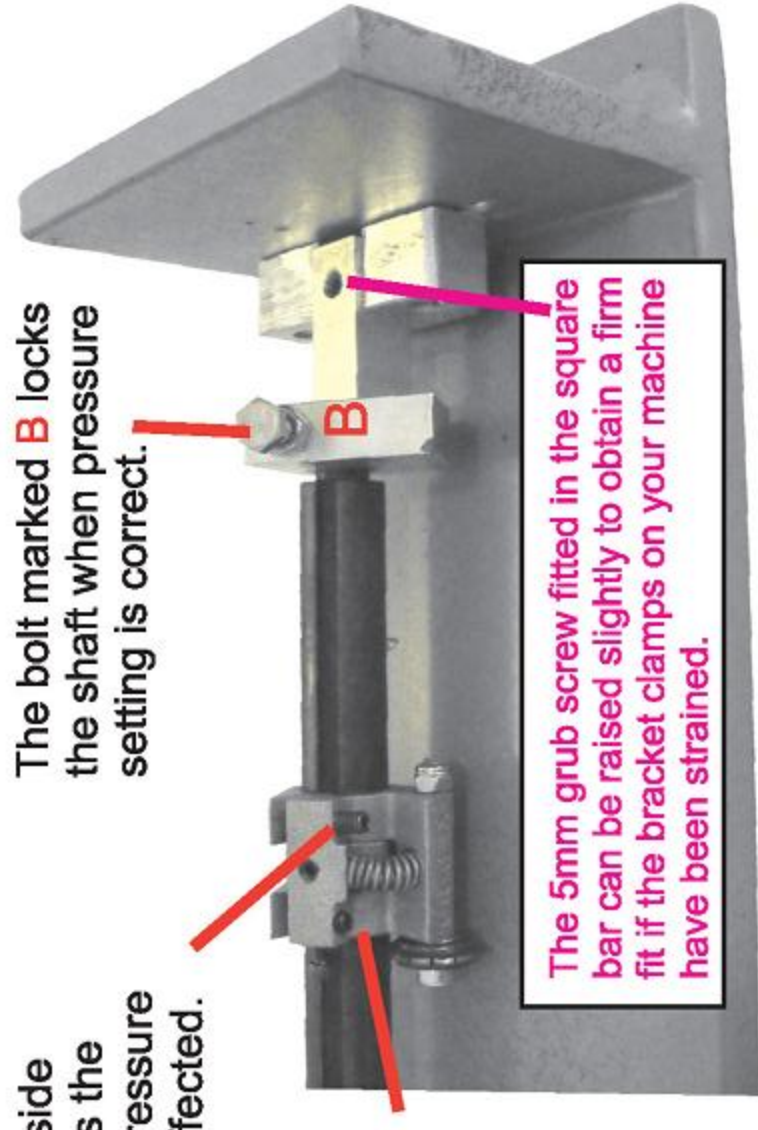
This unit fits directly into the existing sheet smoother brackets already fitted to your machine it comes to you pre-set on the jig shown below it should only need minor adjustment.

Clean the machine brackets before inserting unit.



The left hand side bracket contains the forked pressure setting lever **A**. This can move up or down to increase overall pressure on wheels.

The grub screw on right side of perforation head raises the head after use ie: your pressure setting on wheel is not effected.



For further information on the setting of this unit please refer to the GTO 46/52 leaflet **page 3 onwards.**

All instructions for the installation of your GRAFIX perforation

systems are available on our website.

Pressure settings.

The slotted lever is used

to set overall spring pressure

with gap in heads approx 3.00 - 3.5mm

lever should be approx 1/2 way in slot

more pressure can be obtained by adjusting this lever..

If you have to take the unit apart ie: to put another perf head on take the right side bracket off so that you do not disturb pressure settings on the left side.

