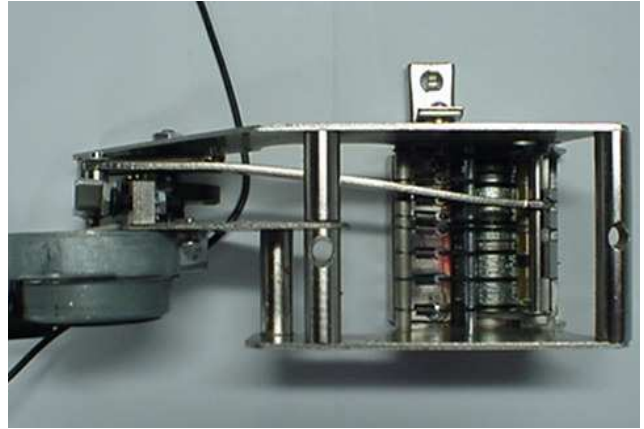
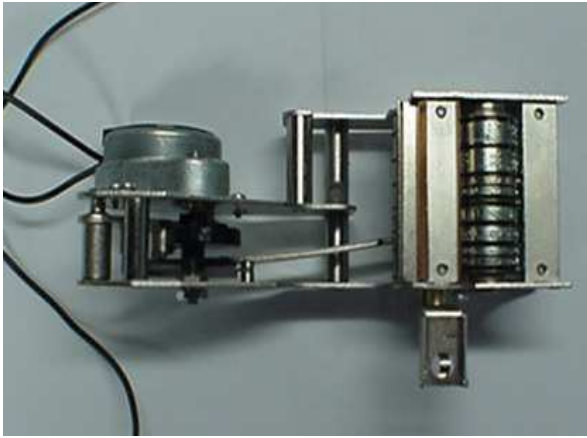




## Type Section



**Make sure the Actuating Pawl Assembly, falls onto the center of the ratchet part of the wheels. If not, re space the wheels so that the ratchet part of the wheels line up with the teeth of the Actuating Pawl Assembly. (fig 1)**



**Fig 1**

The teeth on the actuating pawl assembly for the minute and the ten minute can 't line up. (fig 2)

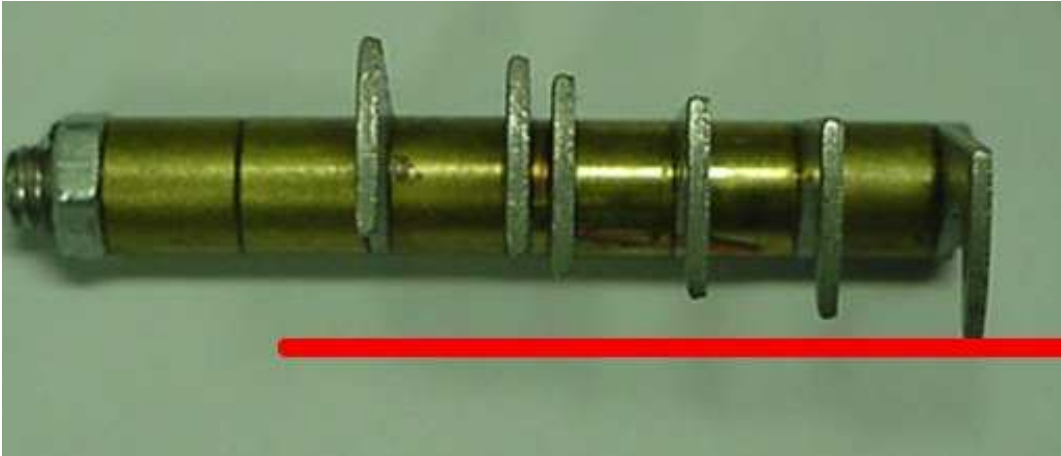


Fig 2

## HOW TO REBUILD A TYPE SECTION.

Unplug the stamp. Remove the type section from the top of the stamp. There are two bolts holding in the type section in. (fig 3) Use a ¼ inch socket to remove. And two screws holding the motor onto the type section. (fig 4) Pull off the motor, you may have to rotate the motor to get the shaft out.

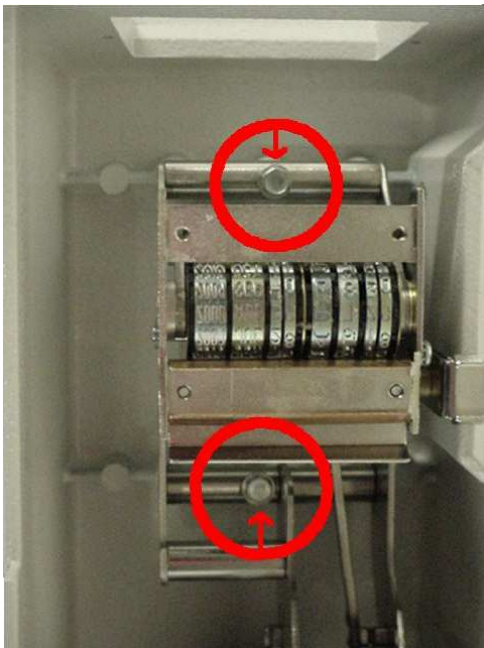
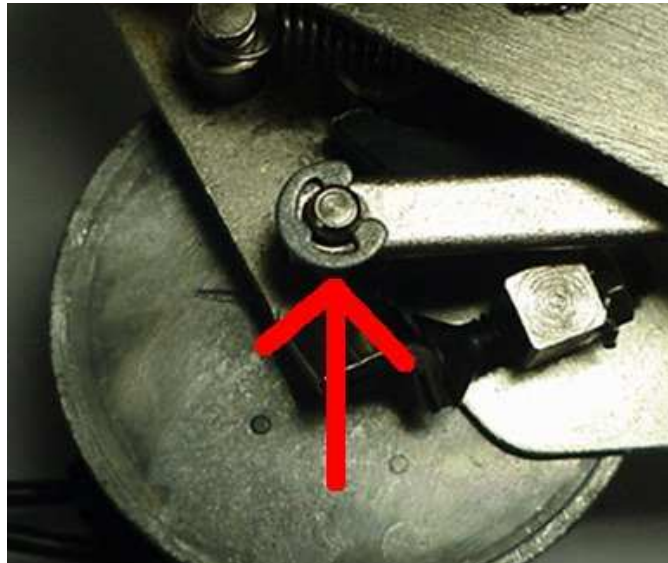


Fig 3



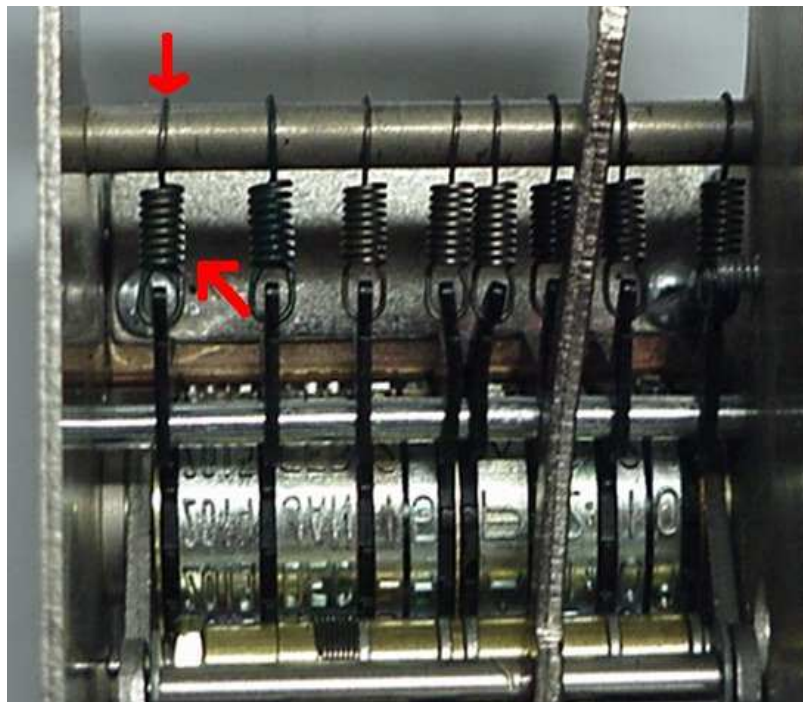
Fig 4

**Remove the E-clip by the motor holding the connecting link to the cam follower assembly. And slid the connecting link off the cam follower assembly. (fig 5)**



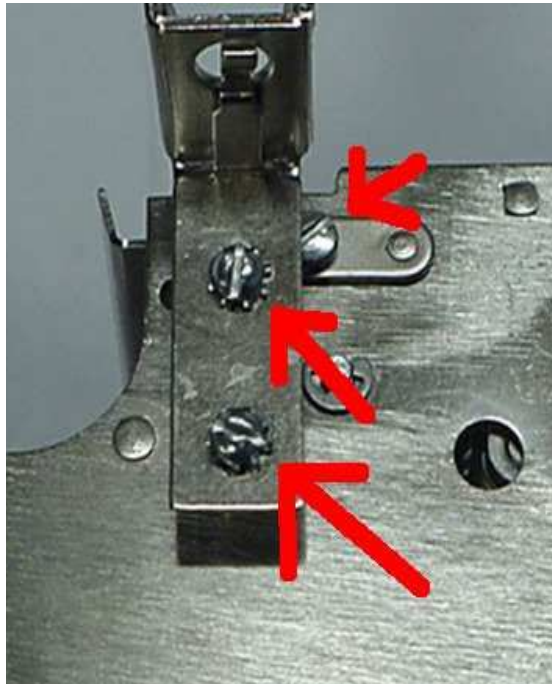
**Fig 5**

**Remove the springs from the retaining pawls. (fig 6) DO NOT REUSE OLD SPRINGS!**



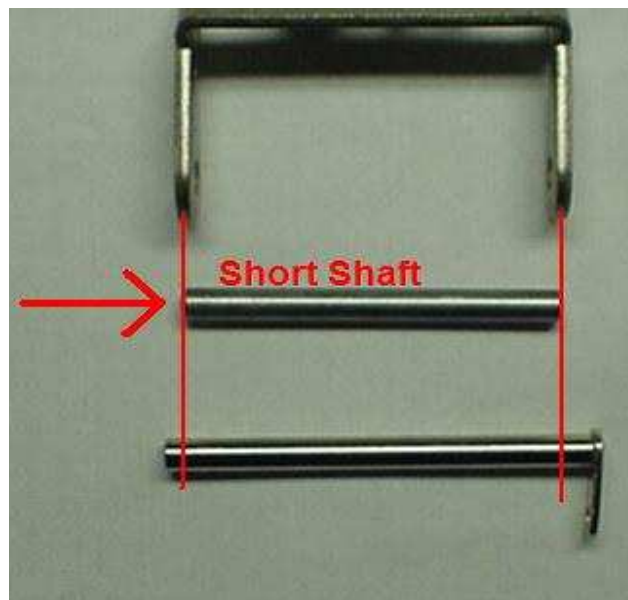
**Fig 6**

**Remove the screws for the removable die guide block assembly if equipped with this feature. Also remove the screw for the printing wheel shaft assembly locate under the removable die guide lock assembly. (fig 7)**



**Fig 7**

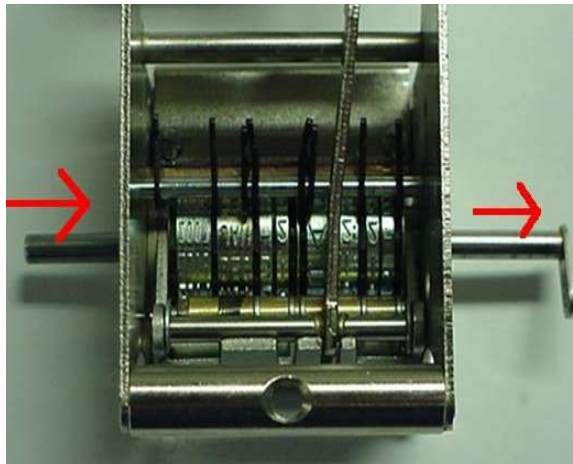
**The short shaft. The short shaft is a printing wheel grounded down to fits between the actuating pawl swing assembly arms. Used to remove the wheels and re space them. (fig 8)**



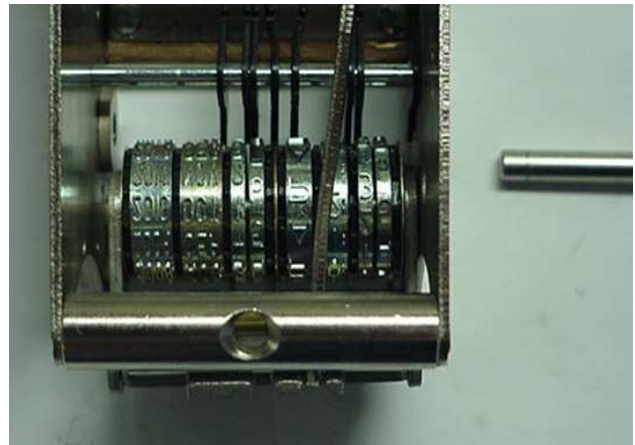
**Fig 8**



**Take the short shaft and push the printing wheel shaft out. (fig 9) Using the short shaft to hold the wheels in place in the actuating pawl assembly. (fig 10)**

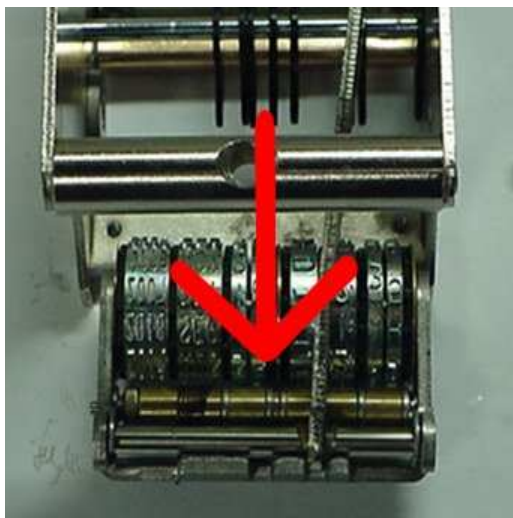


**Fig 9**

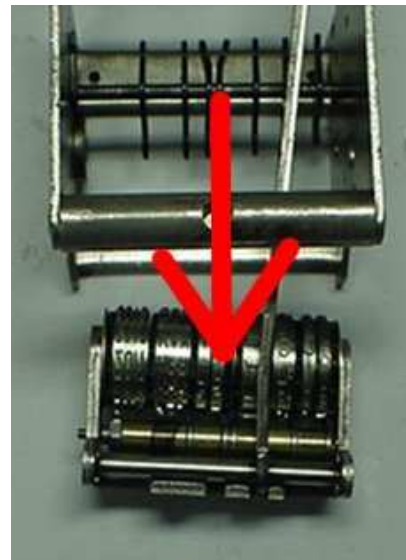


**Fig 10**

**With the short shaft in place. (fig 11) Pull the actuating pawl swing assembly out with the connecting link. (fig 12)**



**Fig 11**



**Fig 12**

**Slid out the short shaft. (fig 13) Pull out the wheel and spacers. (fig 14)**



**Fig 13**



**Fig 14**

**Check the wheels for any cracks, flatten numbers and if the black ratchet on the wheels are loss. Replace the bad wheels with new wheels. Pay particular attention to the unit minute wheel as this takes the most abuse. Check the spacers to see if they have wear. Replace the spaces if they have any wear. (fig 15)**



**Fig 15**

Take the wheels and spaces, line them up. Slid the wheels and spaces into the actuating pawl swing. Make sure that the actuating pawl assembly line up with the black ratchets on the wheels. You may have to move spaces around or replace with different thickness of spaces to get the ratchets to line up with actuating pawl assembly. (fig 16) **Do not** bend the fingers on the actuating pawl assembly, they are harden and **They will break.**



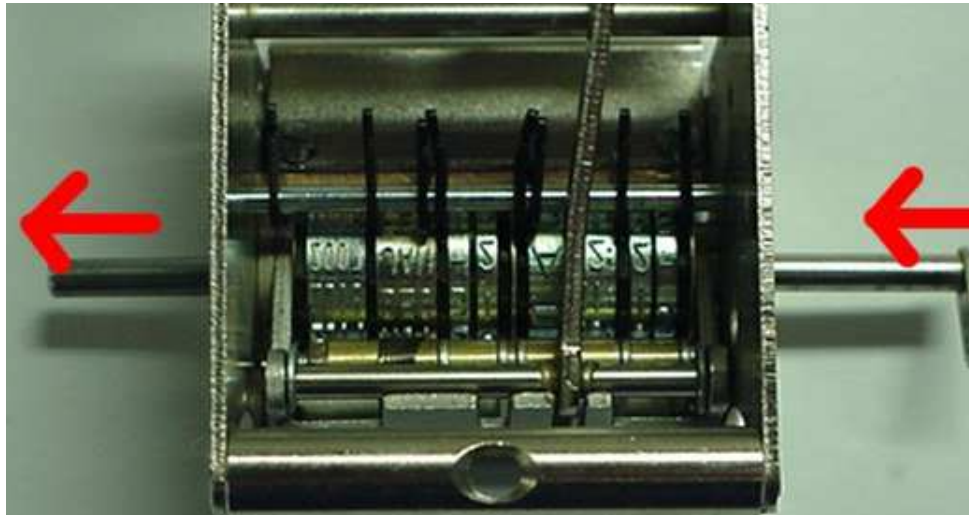
Fig 16

After the ratchets line up with the actuating pawl assembly. Slid the actuating pawl assembly back into the type section frame. (fig 17)



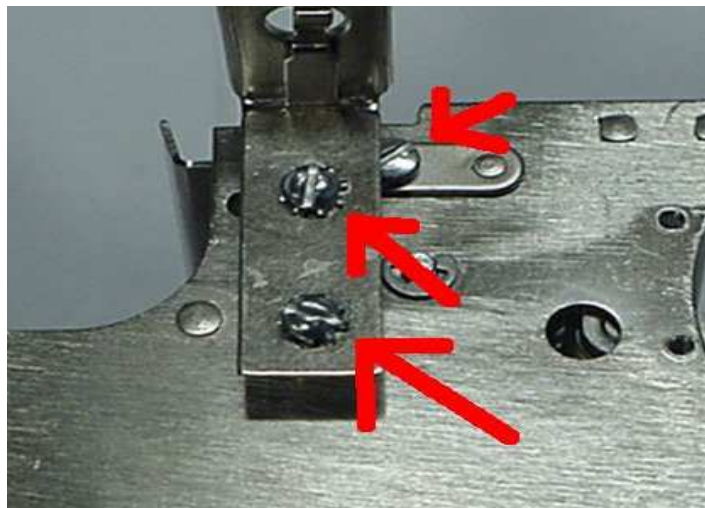
Fig 17

**Line up the holes for the printing wheel shaft in the frame to the hole in the actuating pawl swing. Slid the printing wheel shaft into the frame and push out the short shaft. (fig 18)**



**Fig 18**

**Screw the printing wheel shaft to the frame. And screw the removable die guide lock assembly back to the frame. If this type section has this feature. (fig 19)**

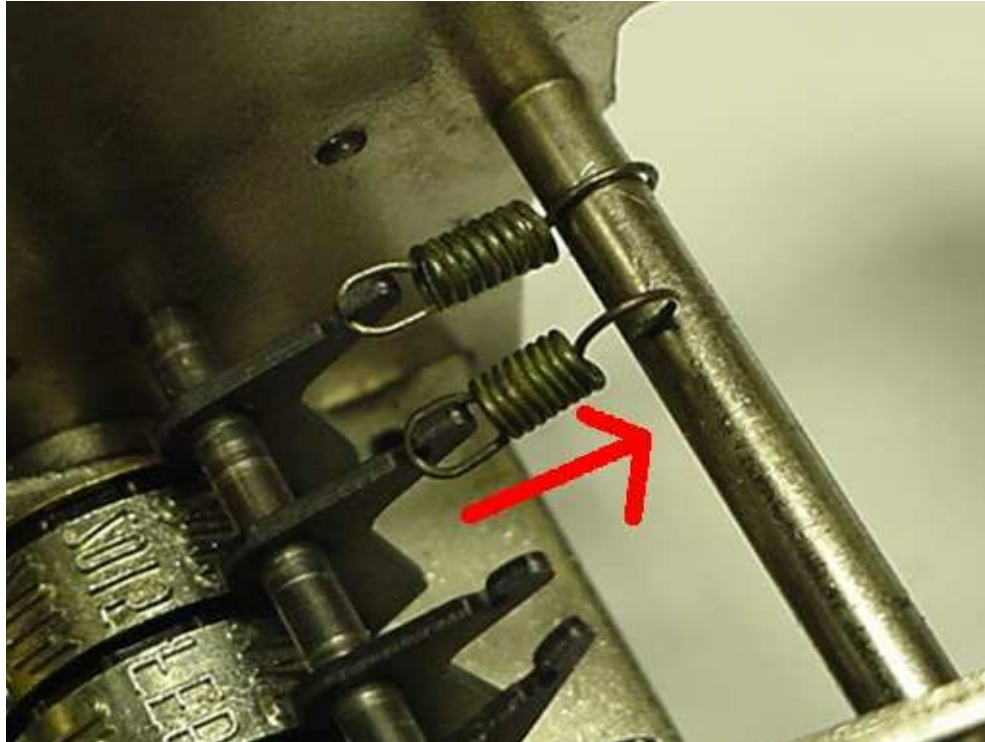


**Fig 19**



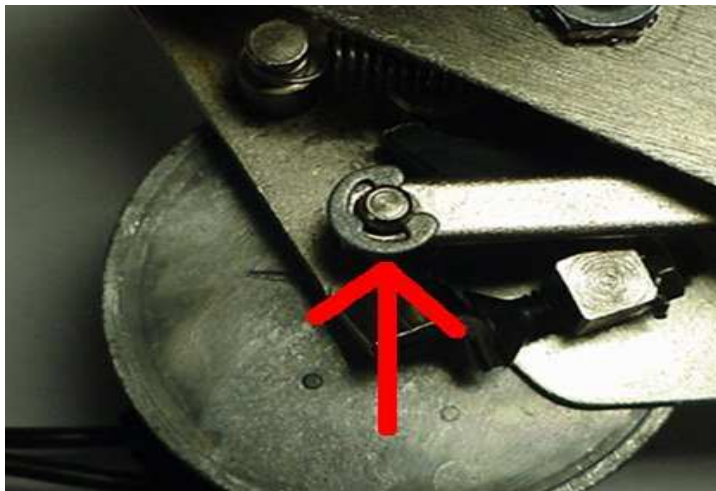
Take new springs. Hook the springs to the retaining pawl then to the bar on the type section. Make sure the retaining pawls line up with the black ratchets on the wheels. (fig 20)  
Green spring (36 oz.) on the year and month wheels. Black springs (21 oz.) on the rest of the wheels.

**DO NOT OVER STRECH THE SPRINGS!**



**Fig 20**

Hook the connecting link onto the cam follower assembly. (fig 21) Slid the E-clip back onto the stud.



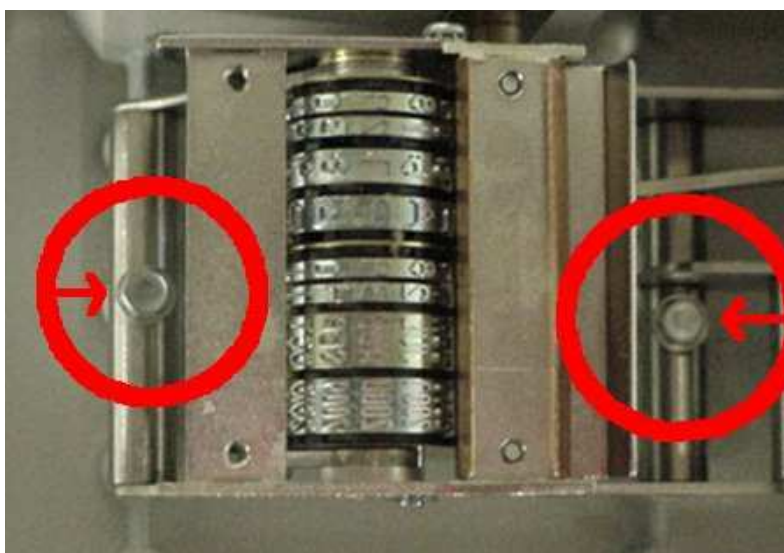
**Fig 21**

**Connect the motor back onto the frame. (fig 22)**



**Fig 22**

**Bolt the type section back into the lid of the stamp. (fig 23)**



**Fig 23**

**Set the time on the stamp. Plug the time stamp in. Let the time run for a day or two. To see if it holds the right time and rolls the wheels over.**

