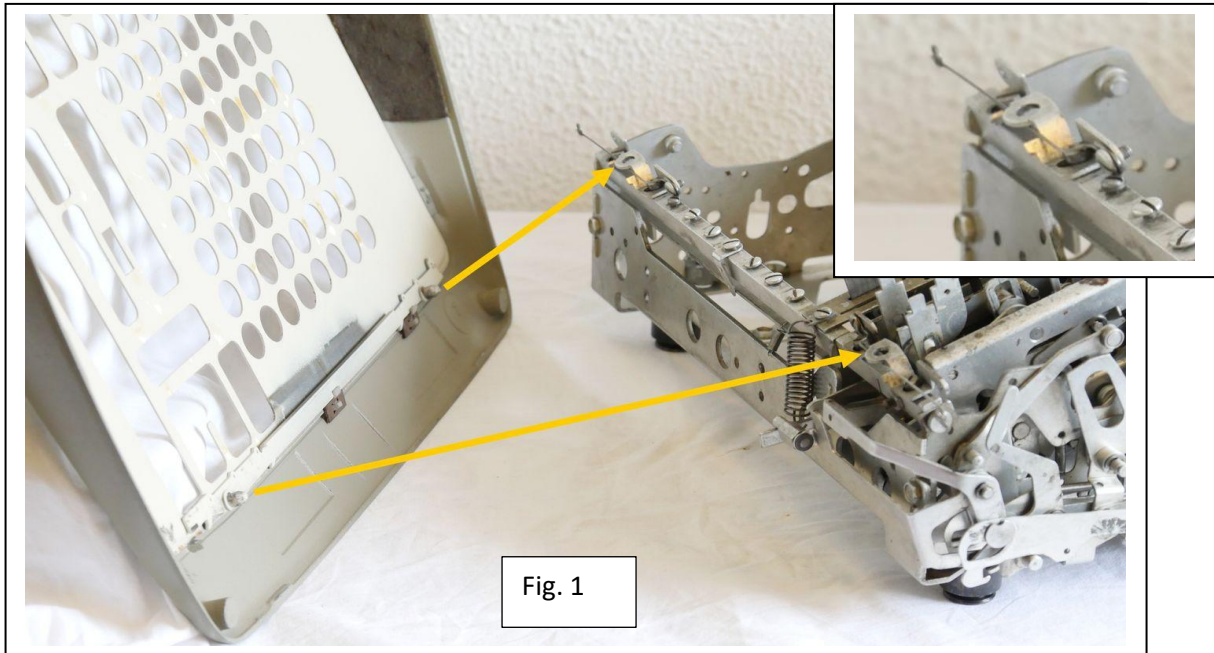Marchant 8CMR

When I received the machine, the casing was loose. A first inspection showed that some parts were missing. Not knowing how exactly the original mechanism looked like, I managed to more-or-less reconstruct it.

The explanation below may help in closing the casing.

First put the machine with its feet in the openings of the case bottom (not shown in the pictures below). Then shift it backward.
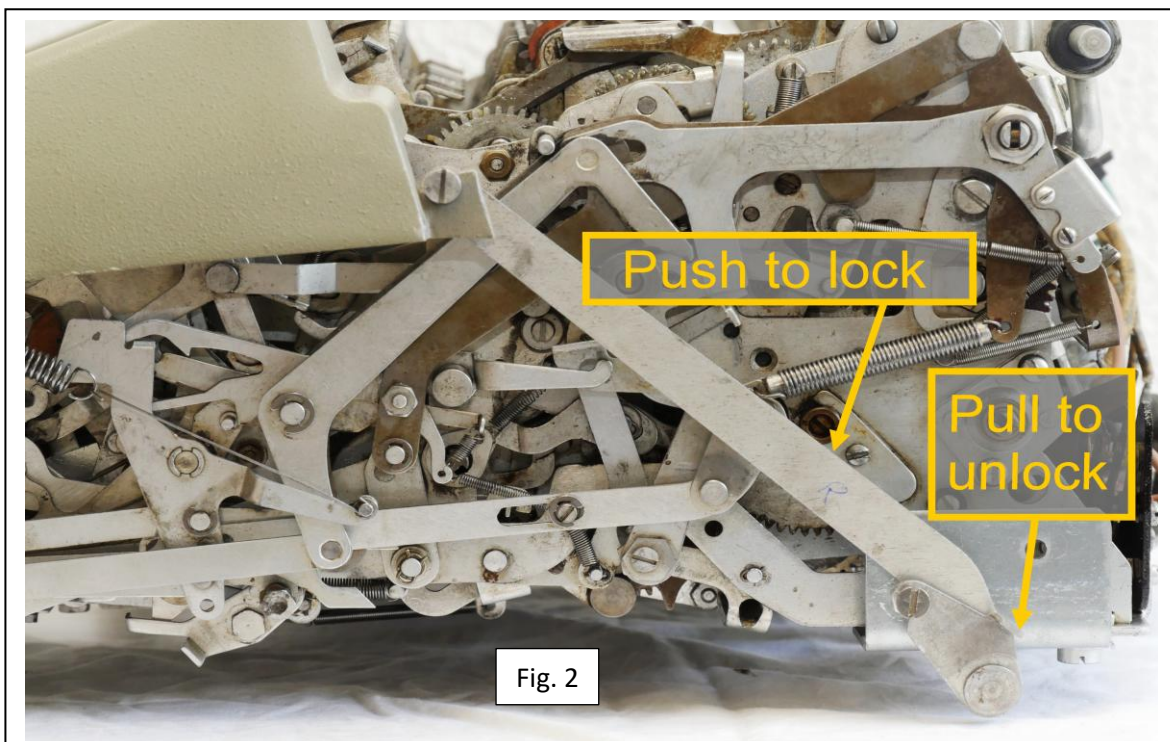
Now loosen the feet a few turns. Doing that, the machine is lifted a bit which is necessary for the next step.

1. Mount the keyboard cover as shown in Fig. 1. The two pins fit into the holes as shown. A spring on each side locks the pins. If they fail to lock, the machine has to be lifted a bit more.
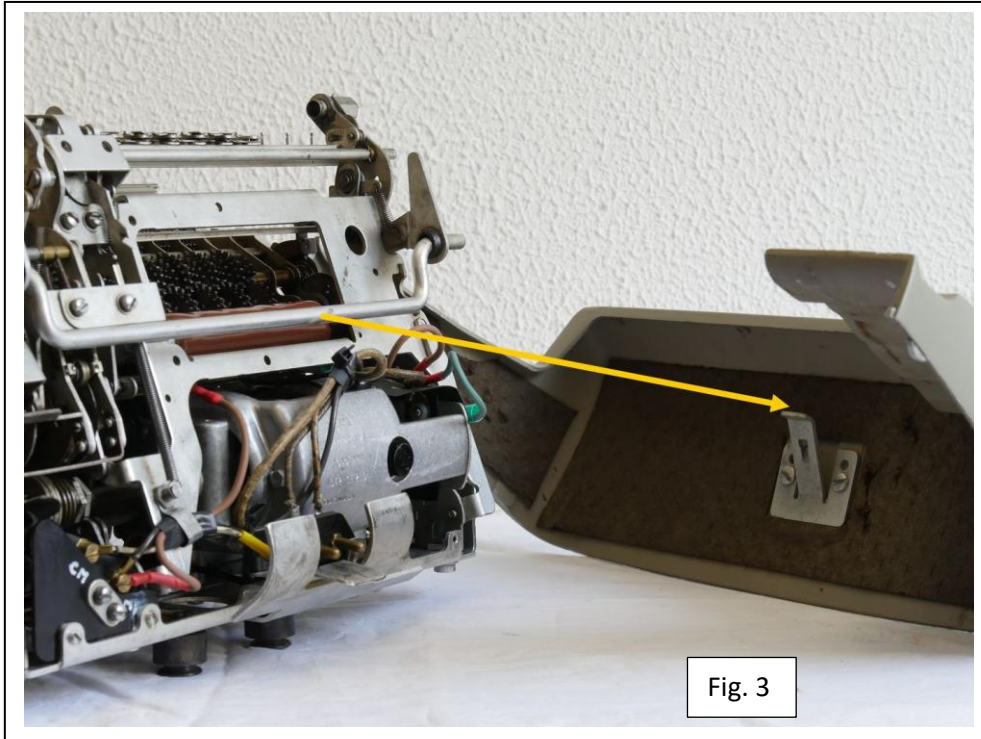

Fig. 1

Note: Put the machine with its feet in the case bottom (Not shown in the pictures).

2. Next the back part of the keyboard cover is secured as shown in Fig. 2.

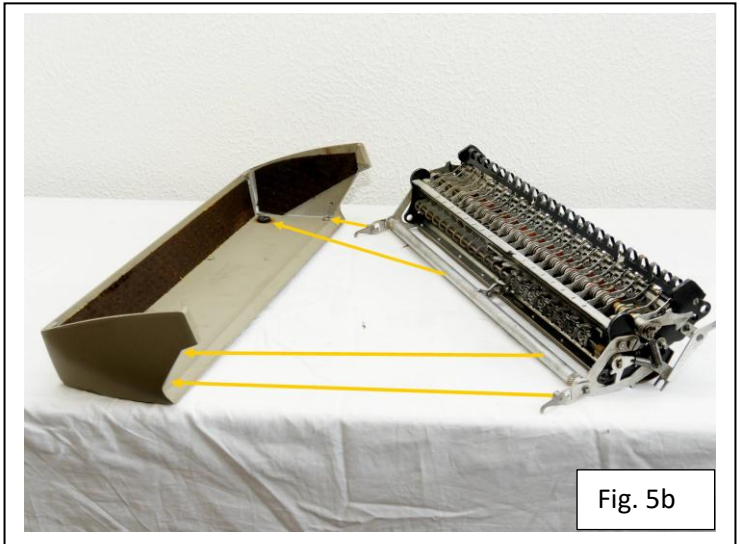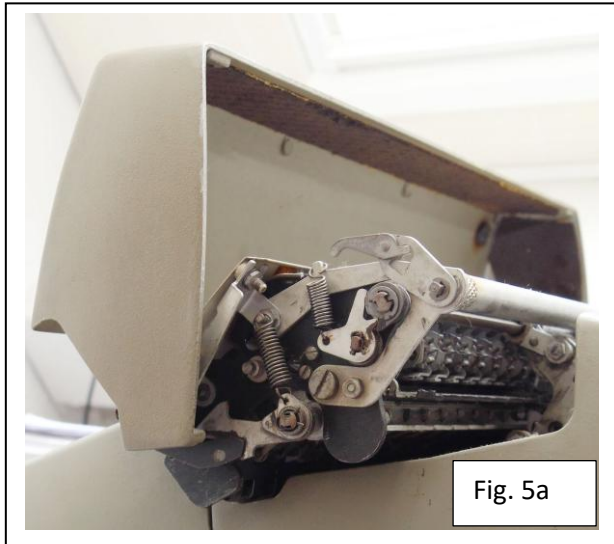
Push to lock

Pull to unlock

Fig. 2

3. The next step is to mount and secure the back part of the casing.
   Tighten the feet which were loosened in step 1.
   Also for the back cover a clamp system is used (Fig. 3). Two small pieces of metal on the back part fit into holes of the keyboard cover. The metal piece on the back cover is shifted over the metal rod. If all is well, it fastens itself. To gain some flexibility for this step the rod is mounted in rubbers.
   Now it may be possible/necessary to further shift the machine backward in its casing.

Fig. 3

4. Finally four bolts (here white plastic) prevent that the machine can move inside its casing. This way the entire closing mechanism is secured. (Fig. 4)

Fig. 4

5. Now the carriage should be mounted onto machine.

6. When that is done, the carriage cover is mounted. This again is a clamp system. The rod on the carriage will support two rubbers on the left and right hand side of the cover. To fasten the carriage two moveable arms on the carriage are to pressed into holes in the cover (see Fig. 5a & 5b). This can best be done while the entire machine rests on one side.

Fig. 5a

Fig. 5b

Fig. 6

To remove the machine from its casing:

1. Remove the carriage cover by loosening the left and right clamp (Fig. 5a & 5b)
2. Remove the digit cover (two small nuts))
3. Remove the carriage
4. Put the machine on its back and:
   - If present, remove the locking screws (white screws in my machine)
   - Loosen the 4 "legs" a few turns (don't remove them)   (see Fig. 4)
5. Put the machine back into its normal position.
6. Shift the machine towards the operator in it's casing
7. Loosen the back of the casing (Fig. 3)
8. Loosen the clamps which connect the keyboard cover to the machine (Fig. 2)
9. The front of the keyboard is still firmly held by two slotted pins and two springs (Fig. 1). They can be reached after raising the keyboard a bit by putting the CMR service accessory (Fig. 7) under the front feet.
10. Press the two steel springs to loosen the front of the keyboard cover (Fig. 1). Remove the cover.
11. Lift the machine from its bottom casing.