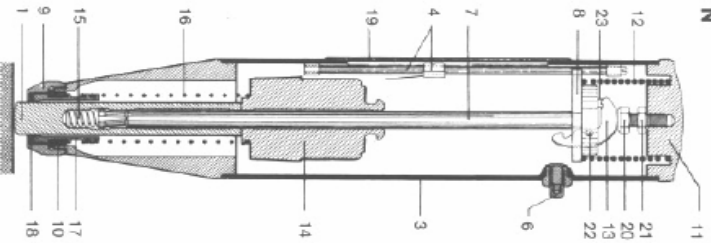


II. Models N and L

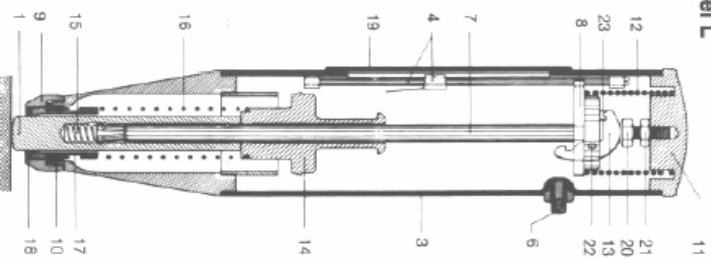
1. Structure

- The two models have basically similar structure.
- However, some of the individual parts are different and are not necessarily interchangeable (see chapter 10).

Model N



Model L



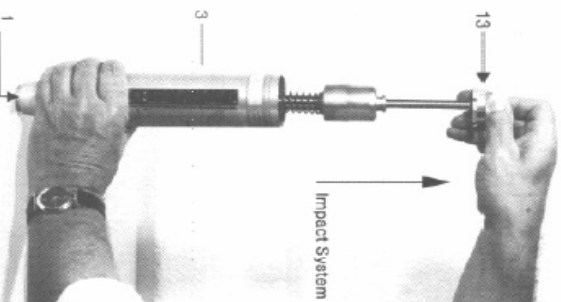
Designation of the individual parts

- | | |
|-------------------------|----------------------------------------------|
| 1 Impact plunger | 14 Hammer mass |
| 3 Housing, complete | 15 Retaining spring |
| 4 Rider with guide rod | 16 Impact spring |
| 6 Push-button, complete | 17 Guide sleeve |
| 7 Hammer guide bar | 18 Felt washer |
| 8 Guide disk | 19 Plexiglass window scale printed on window |
| 9 Cap | 20 Trip screw |
| 10 Two-part ring | 21 Lock-nut |
| 11 Rear cover | 22 Pin |
| 12 Compression spring | 23 Pawl spring |
| 13 Pawl | |

2. Dismantling

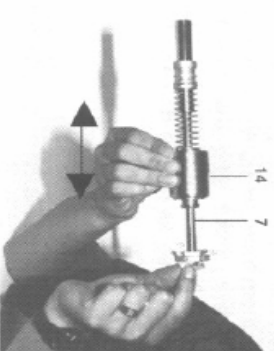


- Procedure**
- Push impact plunger (1) slightly in and allow it to slide spontaneously into its extreme forward position.
 - Screw cap (9) off.
 - Remove felt washer (18).
 - Take out two-part ring (10).
 - Screw off rear cover (11).
 - Take out compression spring (12).

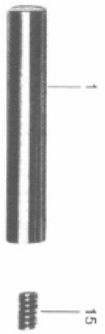


- Hold the housing (3) with the cone vertically downwards.
- Push the impact plunger (1) right in.
- Release the pawl (13).

Push the impact system (1, 7, 8, 13, 14, 15, 16, 17) up and out.
Caution: not to bend entrainer spring of rider.



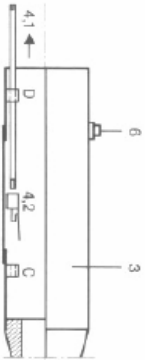
Hold the hammer (14) firmly and jerk the hammer guide bar (7) sharply out of the impact plunger (1).



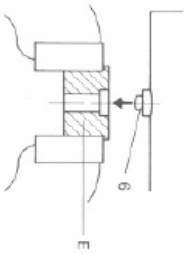
The retaining spring (15) can now be shaken out of the impact plunger (1).



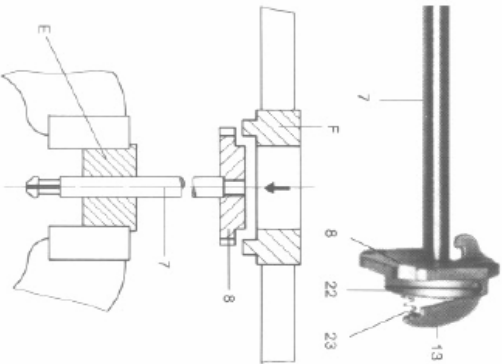
Pull hammer (14), impact spring (16) and guide sleeve (17) off hammer guide bar (7).
Disengage impact spring (16) from the hammer (14).



Use a screwdriver to screw out the rider guide rod (4.1) of the forward bearing "C", then pull out to the rear. Rider (4.2) is now loose and can be shaken out of the housing (3).



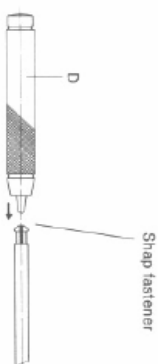
Fix the push-button (6) with the clamping jaws "E" in vice and loosen it by turning housing in counter-clockwise direction.



Drive pin (22) out of the guide disk (8) and the pawl (13) with drift diam. 2.8 mm.
Take out pawl (13).
Screw the hammer guide rod (7) out of the guide disk (8).

Procedure: Push the hammer guide bar into the clamping jaws "E" and fix them together tightly in the vice.
Caution: make sure the hammer guide bar is fixed above the snap fastener so as not to damage the rod surface.
Unfasten disk with cam wrench "F".

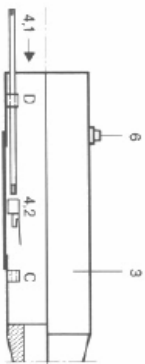
3. Mounting



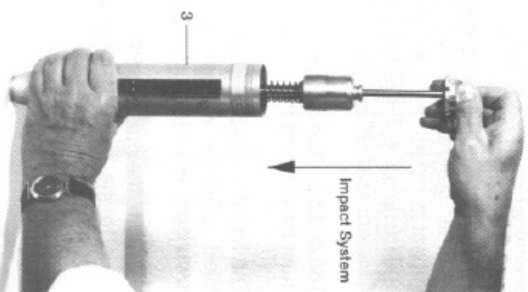
When reassembling the Test Hammer, proceed in reverse order. Note the following in particular:
Insert the retaining spring (15) in the impact plunger (1).

Thrust the impact plunger (1) onto the hammer guide bar (7) until the latter's snap fastener engages. Check for proper seating and, if necessary, expand the snap fastener with the expanding arbor "D" to ensure that the impact plunger (1) is properly held.

Caution: Push expanding arbor centrally into the snap fastener as far as the stop. "Do not make any turning motion".



Lay the rider (4.2) correctly in the horizontally-positioned housing (3). Push the guide rod (4.1) through the rear bearing "C".



Insert the impact system into the housing with hammer disengaged. Ensure correct positioning of the guide disk (8).