# 9.7 Seal - Control

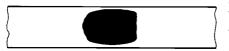
A regular control of the seal is necessary. The seal can be examined visually. Make a seal, peel it apart and examine it as follows:

## **Correct seal**



The seal must be completely welded over the whole width of the strap on a length of ca. 19 mm. Minor quantities of fused plastic may overflow on sides.

### Welding time too short



The plastic strap is not welded over the whole width of the strap. The seal efficiency is insufficient.

Warning! Straps with insufficient seal strength must be removed from the package!

Adjust the welding time.

## Welding time too long

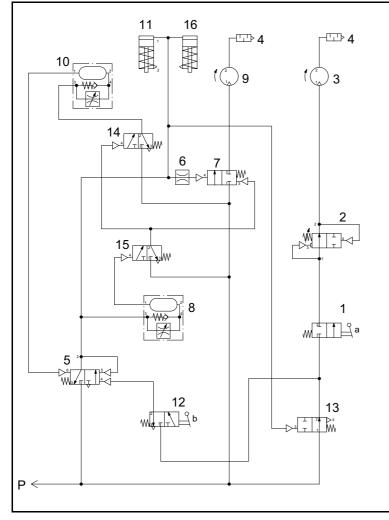


If the welding time is too long the straps are overheated. The fused plastic overflows on both sides of the straps. The seal efficiency is affected.

Warning! Straps with insufficient seal strength must be removed from the package!

Adjust the welding time.

# **10 PNEUMATIC SCHEMATIC**



- 1 Tensioner valve
- 2 Tension force control valve
- 3 Tensioning motor
- 4 Exhaust silencer
- 5 Welding valve
- 6 Throttle 0,6
- 7 Welding motor valve
- 8 Welding time valve
- 9 Welding motor
- 10 Cooling time valve
- 11 Welding cylinder
- 12 Welding signal valve
- 13 Turn off valve
- 14 Cooling signal valve
- 15 Welding turn off valve
- 16 Cylinder reverse stop
- a Tensioner valve lever
- b Welding valve lever

# 11 EXCHANGE OF WEARING PARTS



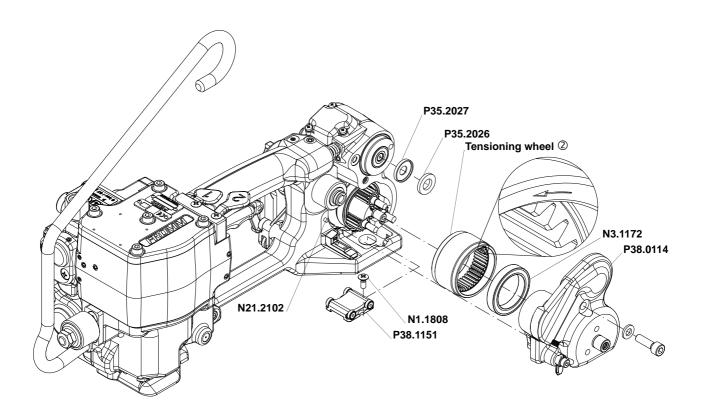
Before any maintenance work always disconnect the tool from the air supply.

### 11.1 Exchange of tensioning wheel and slide plate

- Unscrew end cover P38.0114 and remove it;
- Remove the tensioning wheel together with the bearing N3.1172 from the tool;

If additionally the slide plate has to be changed:

• Unscrew slide plate P38.1151.



② Molykote BR2 plus

Assembling in opposite order.

#### Assembly advise

- The sliding plate remains movable also after the screws N1.1808 has been fixed.
- Lubricate the internal tooth system of the tensioning wheel with Molykote BR2 plus.
- Observe the position of the tensioning wheel. The direction of rotation of the tensioning wheel is marked at the front of the tensioning wheel .
- The parallel pin N21.2102 must be inserted in the guide of the strap guide lever P38.1150 when assembling the end cover.