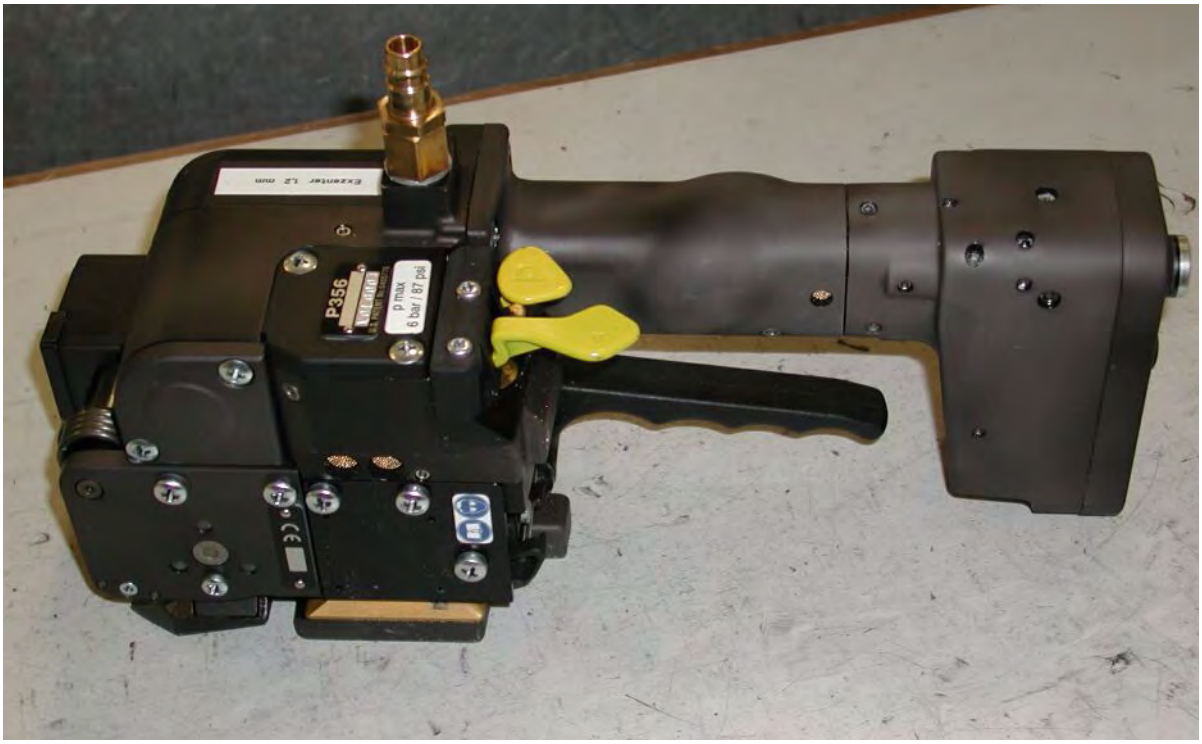
FROMM

OPERATION MANUAL

PNEUMATIC
PLASTIC STRAPPING TOOL
MODEL P356.0001.01



CE Declaration of conformity

We declare that the machine P356
is in conformity with the following standard or
standardised documents:
98/37/EEC

FROMM Holding AG
Hinterbergstrasse 26
CH - 6330 Cham
14.05.2004

R.Fromm
Director

CE

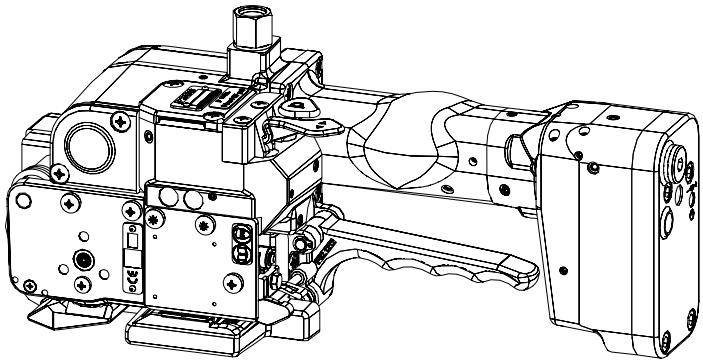
4.6 INSTALLATION

4.6.1 Compressed air connection

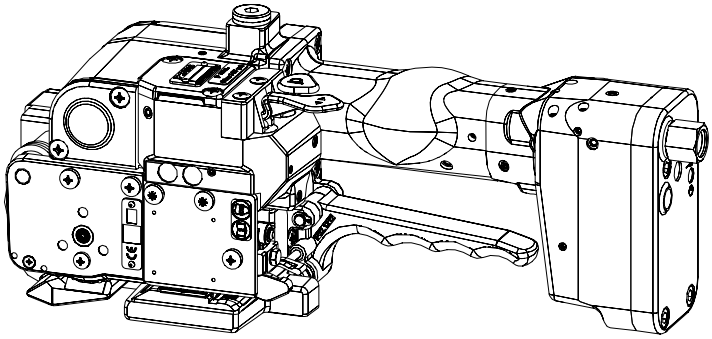
The compressed air is to be connected to the tool preferably by a quick disconnecter (G1/4).
An air-unit consisting of a separator for water and dirt, a pressure regulator with a manometer and a lubricator must be installed within a range of 15 ft / 5 meters. The compressed air must be free from dirt, rust and moisture.

Possible connections at the tool

Factory produced the connection for the air supply is prepared from the top.



According to requirement the connection can also be assembled to the rear end of the tool.



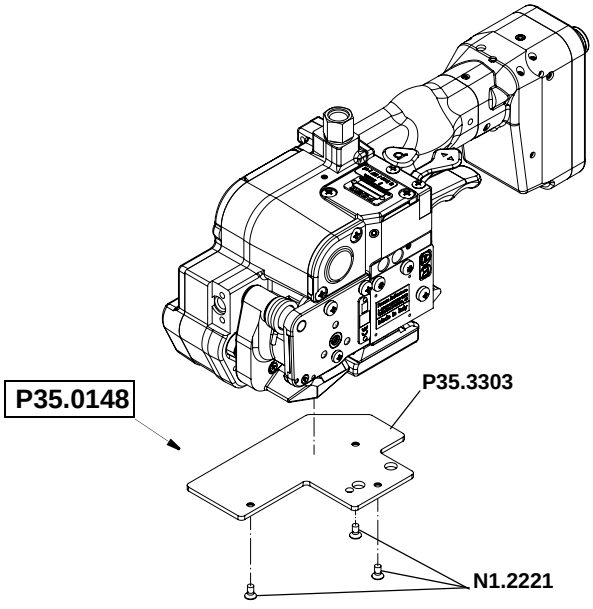
4.6.2 Accessories



Use only parts and accessories mentioned in the operating instruction.
Using other parts or accessories can cause injuries to you and other persons.

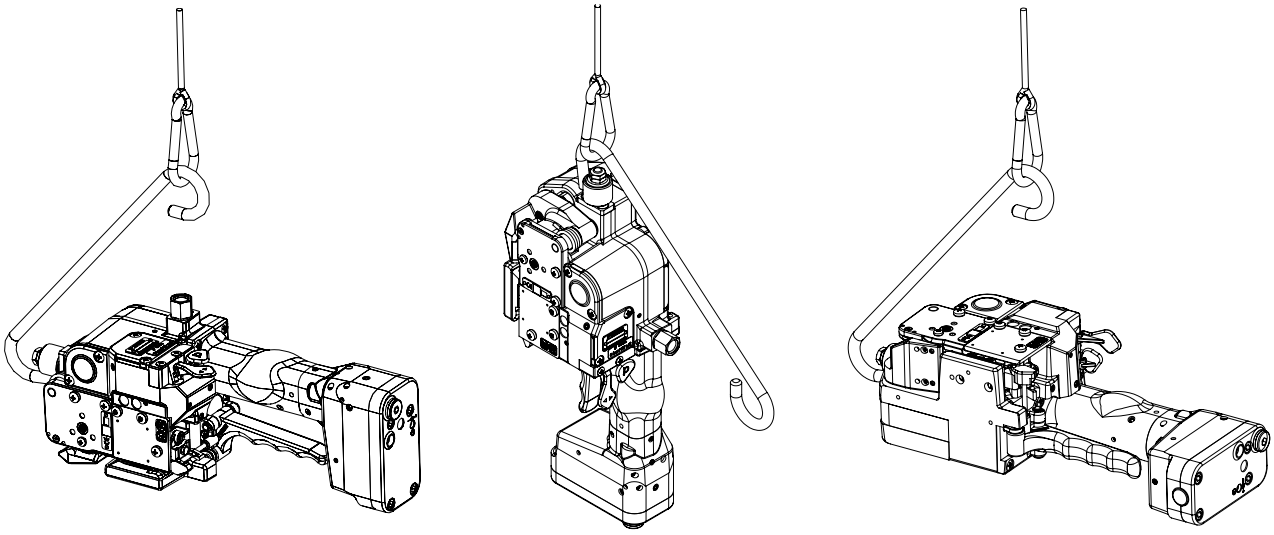
Wearing plate

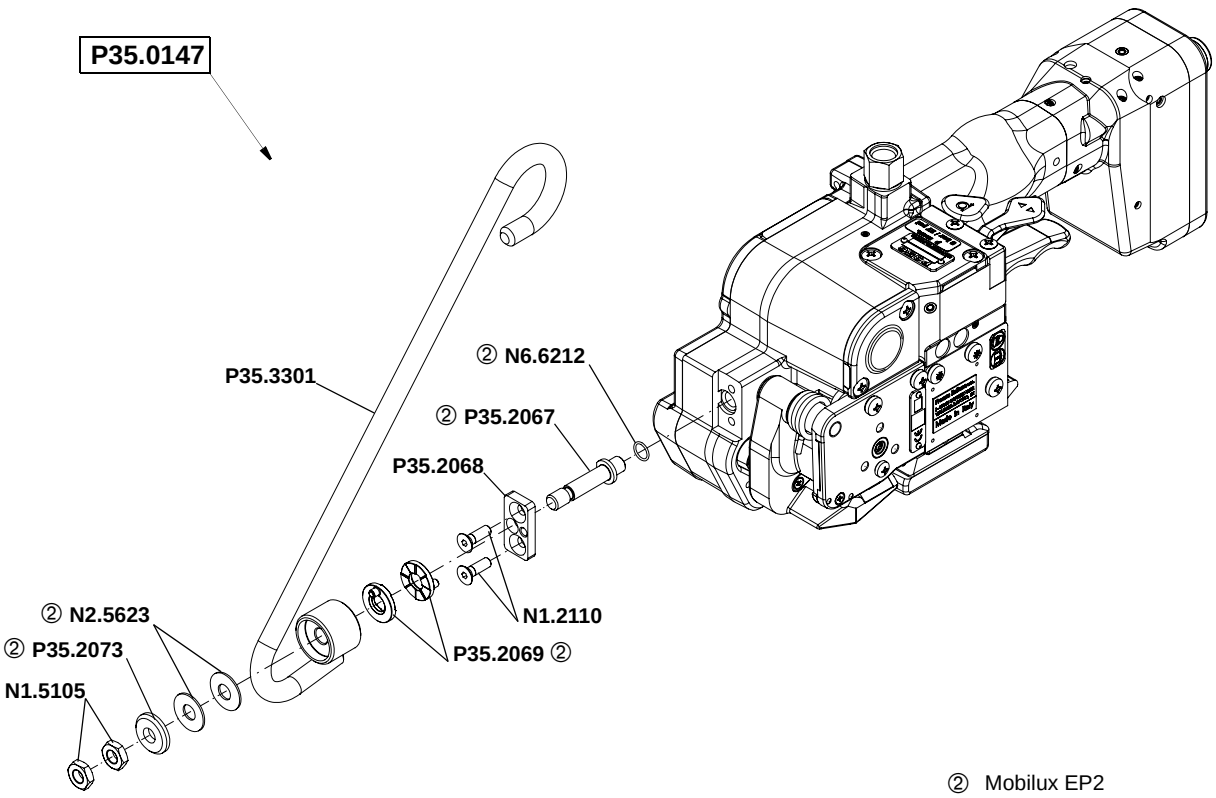
As an option, tool can be equipped with a wearing plate to protect base from excessive wear on abrasive package surfaces (like bricks, concrete blocks etc.). The complete wearing plate can be ordered together with the fastening screws under item number P35.0148.



Suspension of tool

It is possible to suspend the tool on a spring loaded balancer using the suspension bracket P35.0147 which is supplied with the tool. The suspension bracket has been designed in such a way, that the tool can be used for all three working positions.





② Mobilux EP2

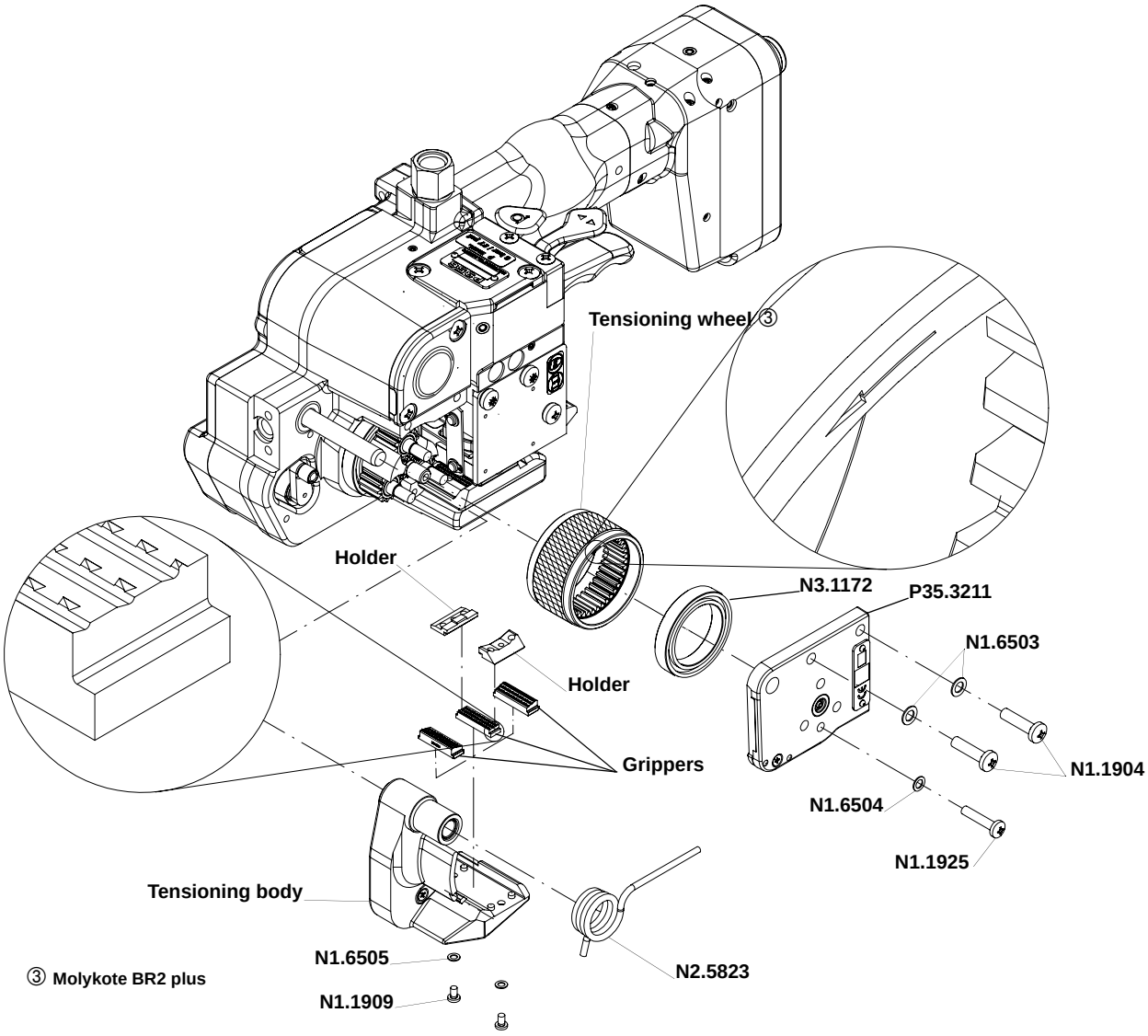
4.9 EXCHANGE OF WEARING PARTS

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

4.9.1 Exchange of tensioning wheel and grippers

Disassembling

- Unscrew end cover P35.3211 and remove it;
- Remove the torsion spring N2.5823;
- Remove the tensioning body;
- Remove the tensioning wheel together with the bearing N3.1172 from the tool;
- Unscrew the holders and remove them from the tensioning body;
- Remove the grippers from the tensioning body.



Assembling

Assembling in opposite order. Observe the following:

- Lubricate the internal toothing of the tensioning wheel with Molykote BR 2 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 (see drawing). Observe the position of the grippers (see drawing).

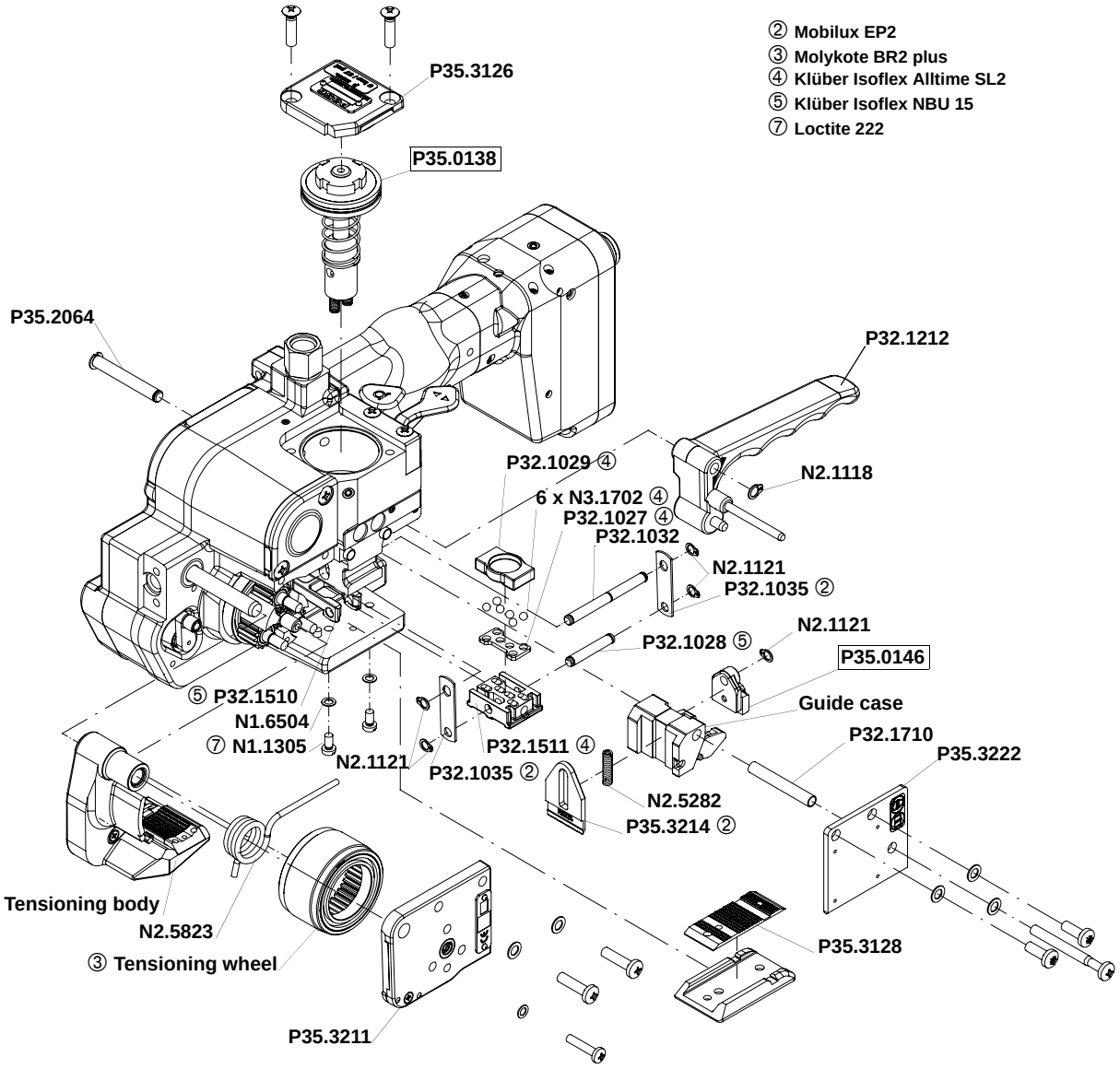
4.9.2 Exchange of cutter, welding stop gripper and welding gripper

Disassembling

- Disassemble security ring N2.1118, pull the grip axle P35.2064 from the tool.
- Tilt down the handle lever P32.1212 and remove it from the tool.
- Remove cover P35.3222 and end cover P35.3211.
- Disassemble spring N2.5823, tensioning body and tensioning wheel with bearing.
- **Don't loose** screw N1.1553 at the coupler P35.0146.
- Disassemble the security ring N2.1121 from the coupler P35.0146;
- Pull out the centering sleeve P32.1710 from the guide case to left, disassemble the guide case;
- Pull out the pressure spring N2.5282 with a screw driver from the cutter P35.3214;
- Remove the cutter from the driving pin P32.1032;
- Unscrew cover P35.3126, push it away to the top;
- Disassemble the two security rings N2.1121 at the left hand side of the welding gripper;
- Disassemble the left driver P32.1035;
- Press down the piston P35.0138;
- Remove the two bolts P32.1028 and P32.1032;

Attention! When releasing the piston, it jumps to the top due to spring pressure!

- Take piston with springs from the tool;
- Remove thrust piece P32.1029 from the welding gripper;
- Lift the rocker P32.1510 behind the welding gripper with a screw driver, remove the welding gripper together with the ball cage P32.1027 and the balls N3.1702 from the tool;
- Unscrew welding stop gripper P35.3128 from the bottom, take it from the tool.



Assembling

Assembling in opposite order. Observe the following:

When inserting the piston pay attention to the proper seat of the piston in the thrust piece.
Pay attention to the fitting position of the cutter (see drawing).
Safe the screws N1.1305 with Loctite 222

Lubrication

- Lubricate the rocker and the bolt P32.1028 in the area of the welding jaw with Klüber Isoflex NBU 15.
- Lubricate the balls, ball cage and the running surface of the balls on the welding gripper with Klüber Isoflex Alltime SL2.
- Lubricate the cutter and the driver with Mobilux EP2.

4.9.3 Adjustment of the coupler P35.0146

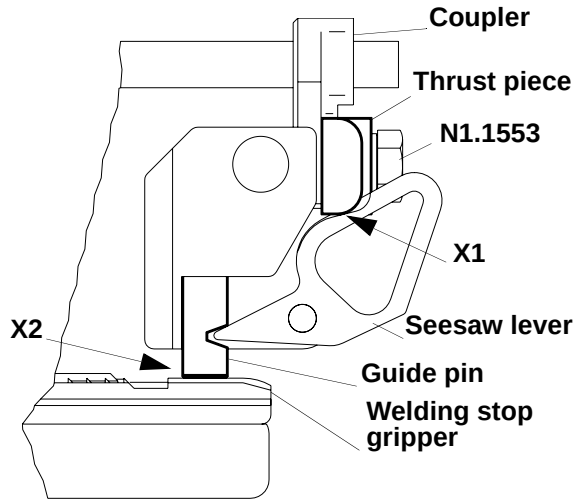
The coupler is adjusted in our works.

In case of replacing the seesaw lever, the coupler or the lever body, the coupler has to be readjusted.

Procedure as follows:

The tool is disconnected from the air supply.
The coupler is fitted into the tool.

- Loosen screw N1.1553.
- Displace thrust piece P35.3223, so that it touches the two seesaw levers without moving them.
- Retighten screw N1.1553.



Control:

The thrust piece must touch the seesaw levers (X1).
Both guide pins must sit on the welding stop gripper(X2).

4.10 SERVICE

Servicing and repair work must only be carried out by authorized service centres.
If the tool breaks down or does no longer operate do not disassemble it. Send it fully assembled to the local service center (see name and address on the rear page of this manual). Use original packing.

The pneumatic plastic strapping tool P356 is a high performance tool. We strongly recommend you to have it serviced by an authorized service shop after 12 months at the latest if used one shift per day. If used two or more shifts per day the tool has to be serviced after a shorter period of time.

4.11 CLEANING

Clean strap gripping parts from strap abrasion regularly using compressed air (do not use any mechanical tool for cleaning).

When cleaning the surface of the tool do not use water or aggressive solvents!