

**Product**

Exploded View

Disassembly & assembling



Preload Adjuster

# PA Frontfork

Introduction	2
Exploded view	3
Disassembly	4
Assembling	10



## Introduction

### General notice

Pay attention to the following notes, when you are working with WP Suspension products as described in this workshop manual:

Always use clean and professional tools.

Regular you need next to the general equipment, the special tools of WP Suspension.

These Tools with a unique "T" number (available at WP Suspension) protect you from damaging the parts.

Always use aluminium protector plates, when clamping our products or parts in the vice.

Always replace damaged or worn parts.

Clean all parts before assembling.

#### **Caution:**

Many times it is necessary to assemble parts with T131, T132 and T163.

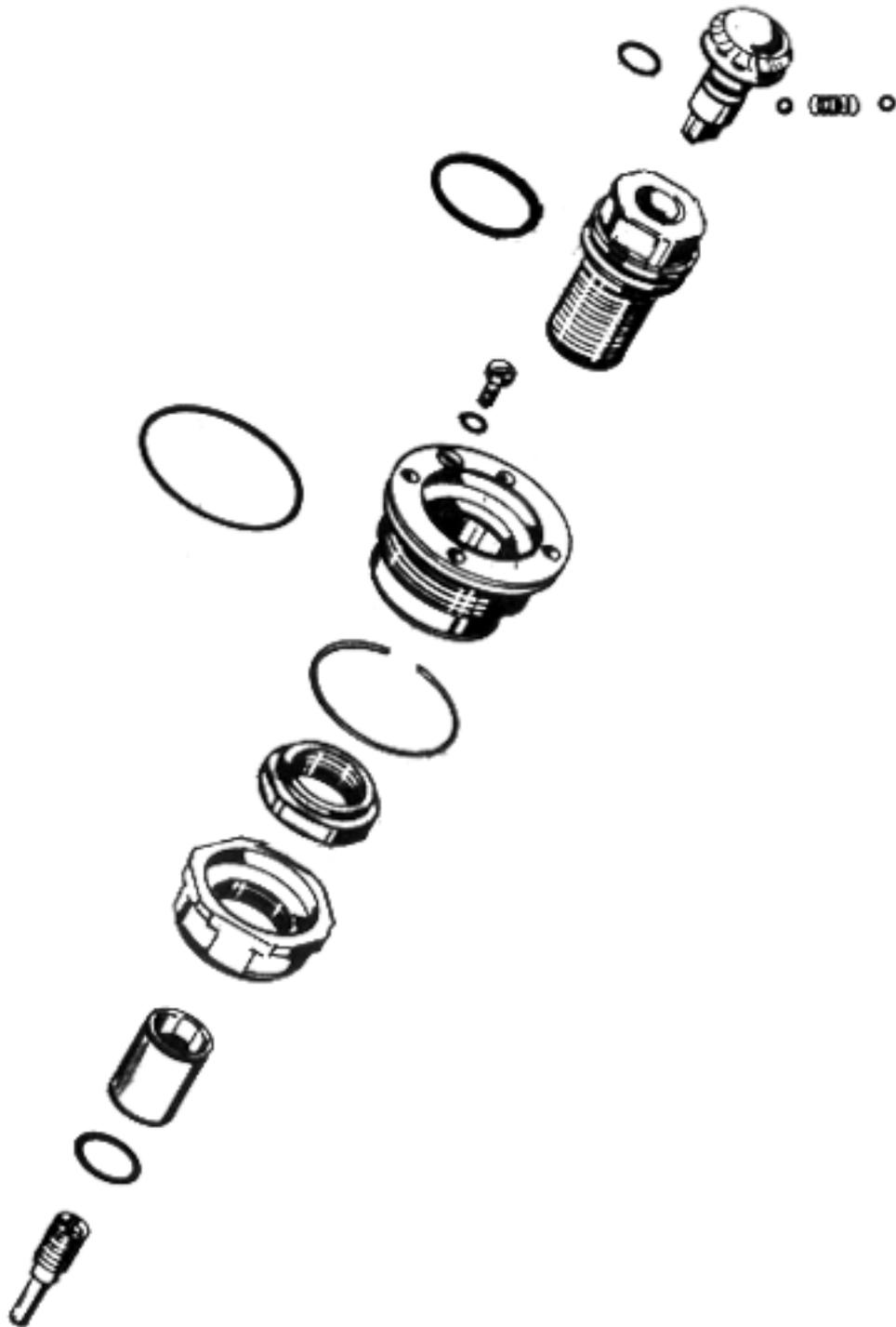
These parts must dry for at least four hours!!

**Product**

**Exploded View**

**Disassembly & assembling**

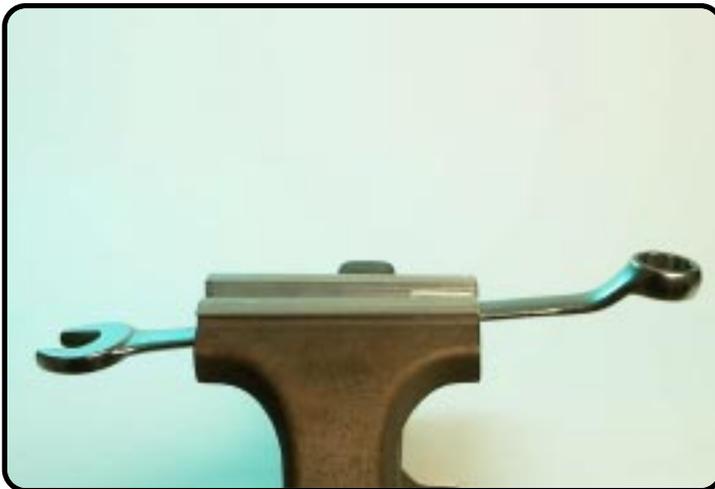
**Exploded view**



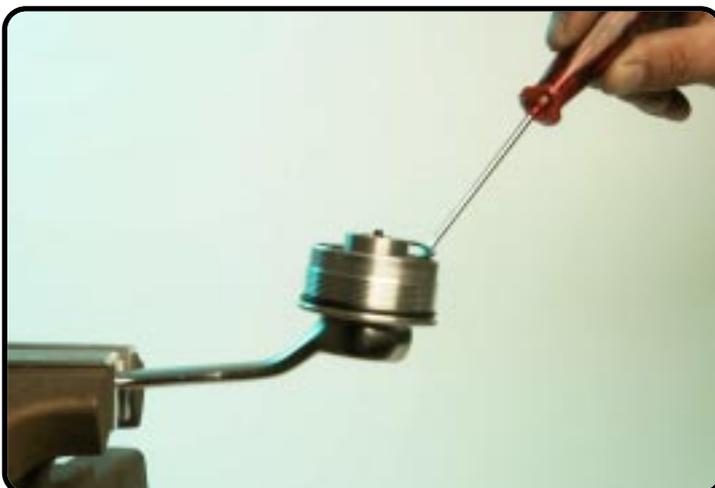
## Disassembly



Turn the preload adjuster to the left.  
(size 24)



Clamp spanner 24 in the vice.



Disassemble the springring.



Screw the screw-cap to the right so that the spring washer is turning out of the screw-cap PA.



Remove the spring washer. Pay attention to the assembling direction!!!



Turn the plastic adjustment tube holder out of the screw-cap.



1. Remove the O-ring inside.



2. Remove the O-ring.



Unscrew the air release plug.



Disassemble the adjusting knob from the screw-cap.  
Pay attention to the steel balls and spring!!!



Heat the steel nut.



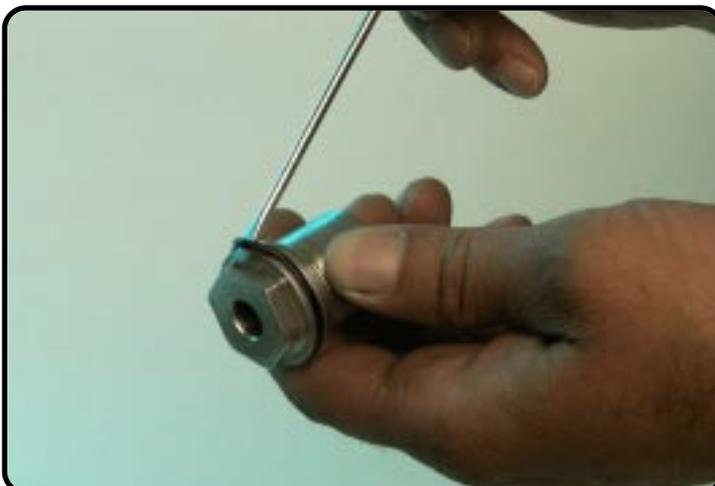
Unscrew the nut (size 32) **clockwise**.



The nut.  
Pay attention to the assembling  
direction!!!



Push the holder rebound PA out of the  
screw-cap.



Remove the O-ring.

**Workshop manual**

**Preload Adjuster frontfork**

**Product**  
**Exploded View**  
**Disassembly & Assembling**



- springring
- spring washer
- O-rings
- holder rebound adjustment tube
- rebound adjusting knob with steel balls and spring
- air release screw with O-ring
- nut
- holder rebound adjustment cpl. with O-ring
- screw-cap PA

## Assembling

Assemble a new O-ring.



Greasing the O-ring with T159.



Wet only the end of the thread with T132.





Assemble the holder in the screw-cap.



Assemble the nut.  
Pay attention to the assembling  
direction!!!



Tighten the nut to a torque of 100Nm.



Assemble the O-ring into the innerside of the holder.



Screw plastic holder adjustment tube into the holder.



Grease the O-ring adjustment tube with T159.



Grease the steel balls with spring (T159) and assemble those in the adjustment knob.



Assemble the rebound adjusting knob.



Place spring washer.



Turn the washer so that its fitting into the screw-cap.



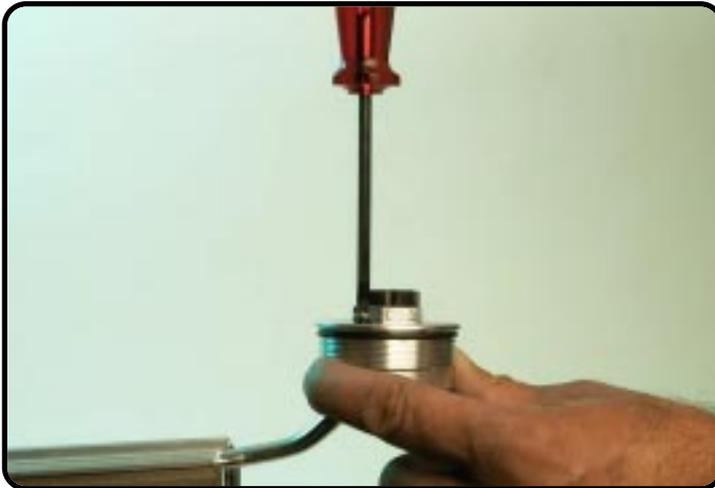
Turn the spring washer past the springing groove.



Assemble the springring.



Assemble the O-ring.



Assemble the air release screw with O-ring.



Turn the adjusting knob completely to the left.  
(open)