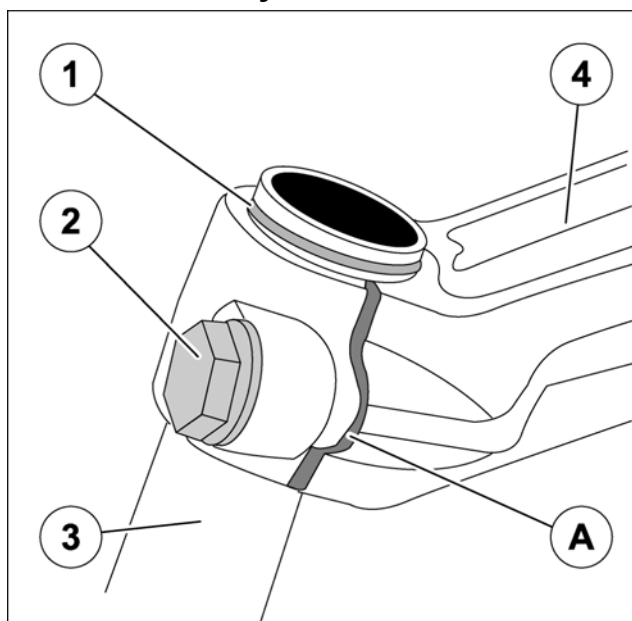


METHOD FOR CHANGING THE PAIOLI HYDRAULIC FORK SEALS

Technical data and tooling required

| Machines | Cubic capacity (cc) | Fork diameter (mm) | Oil capacity (cc) | Tooling part number Seal piston |
|---------------------------|---------------------|--------------------|-------------------|------------------------------------|
| Trekker Road ¹ | 50 | 32 | 90 | 756608 |
| Looxor | 50 | 28 | 70 | 756608 |
| | 100 125-150 | 33 | 110 | 756607 |
| Elystar | 50 | 33 | 110 | 756607 |
| | 125-150 | 36 | 150 | 756607 |

Fork disassembly



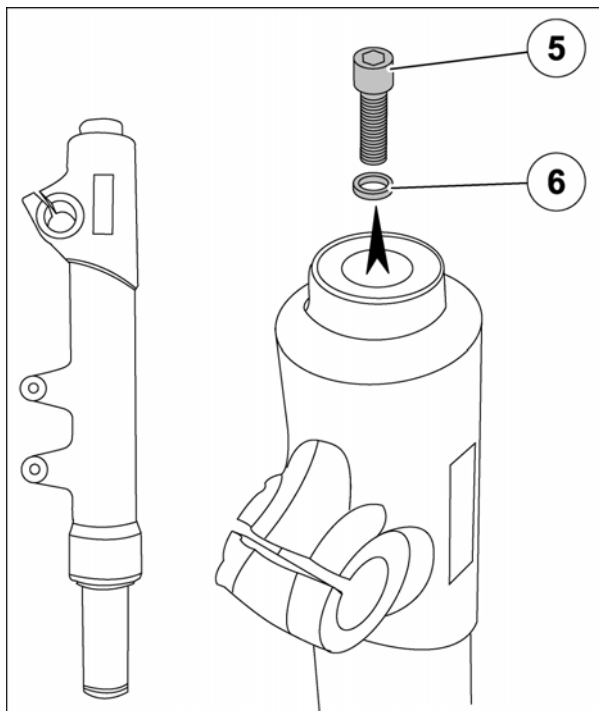
- Where the tubes can be removed from the fork Tee, remove the body panels and the parts fixed to the fork stanchions (mudguard, brake caliper, front wheel, etc....)

- Remove the safety clips (1)
- Slacken the fork tube (3) fixing bolts (2) on the fork Tee (4)
- Remove the fork parts (tube plus sleeve) (to facilitate removal, if necessary, **very slightly** open the fixing clamps with a screwdriver at (A))

- Where the tubes cannot be removed from the fork Tee, the complete fork must be removed

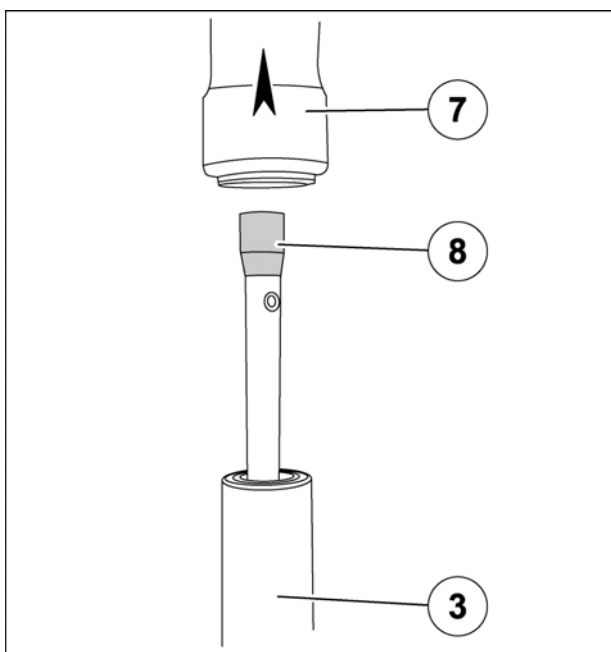
¹ Depending on model

Fork components removal



- Immobilise the fork tube or the complete fork, as necessary, with the drain plug pointing upwards

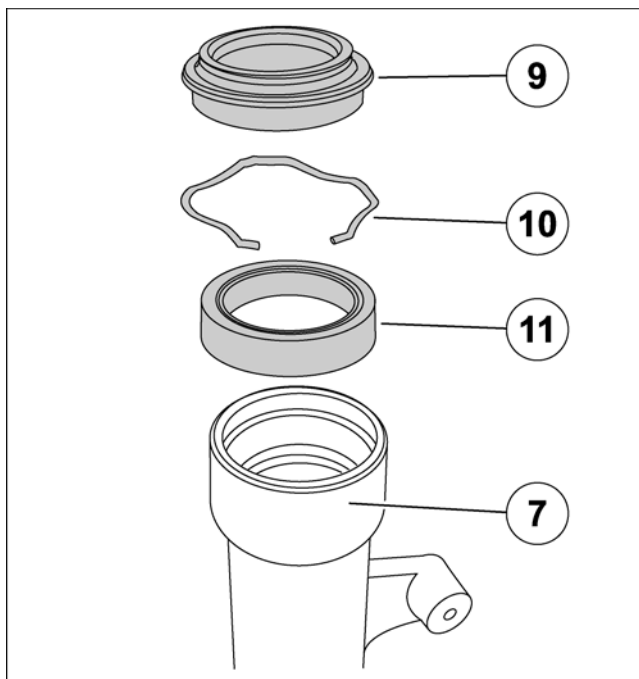
- Remove the drain plug (5) and its seal (6)



- Separate the fork tube (3) from the fork stanchion (7)

- Remove the compression stop cone (8) (depending on the fork, the compression stop cone remains inside the stanchion)

- Empty the tube (3) by turning it over



-Remove from the fork sleeve (7):

- the dust cover (9)
- the circlip (10)
- the seal (11)

-Clean all the parts with a degreasing product
(of the type Biosane 212 **P/N: 755700** see SI N° 91)

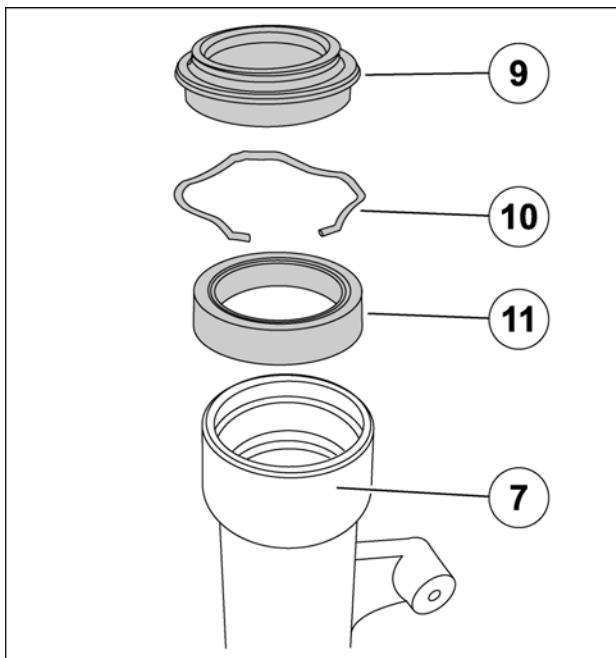
Parts to be changed

- the dust covers
- the seals
- the sealing washers

Checks before re-assembly

- Check the condition of the fork tube, it should show no traces of corrosion, impact and be perfectly straight and clean

Re-assembly

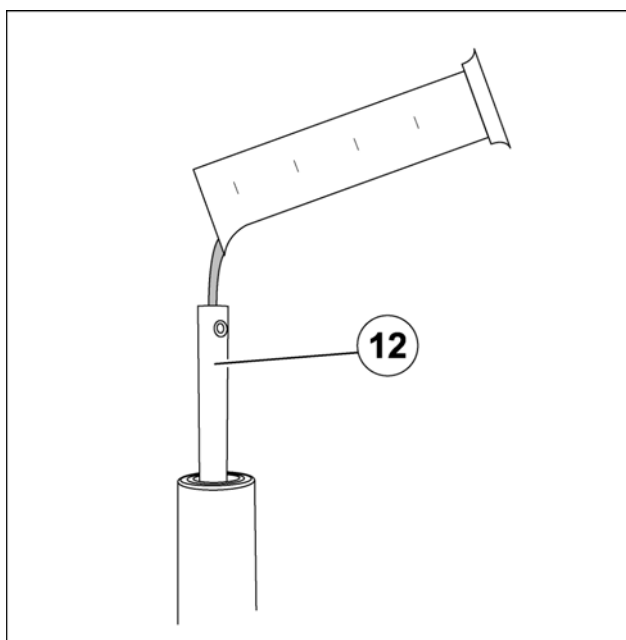


Fork sleeve assembly:

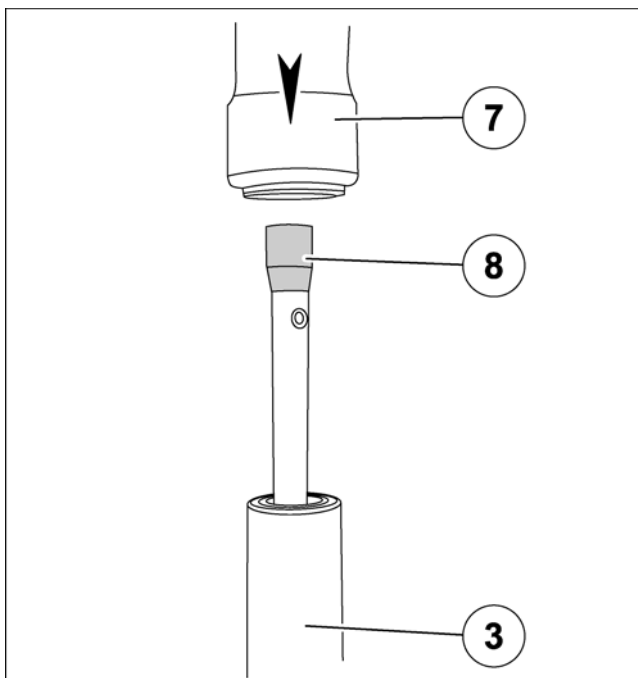
- Fit the seal (11) **without grease** using the seal fitting piston (depending on fork diameter, p/n see table page 1)

- Fit:

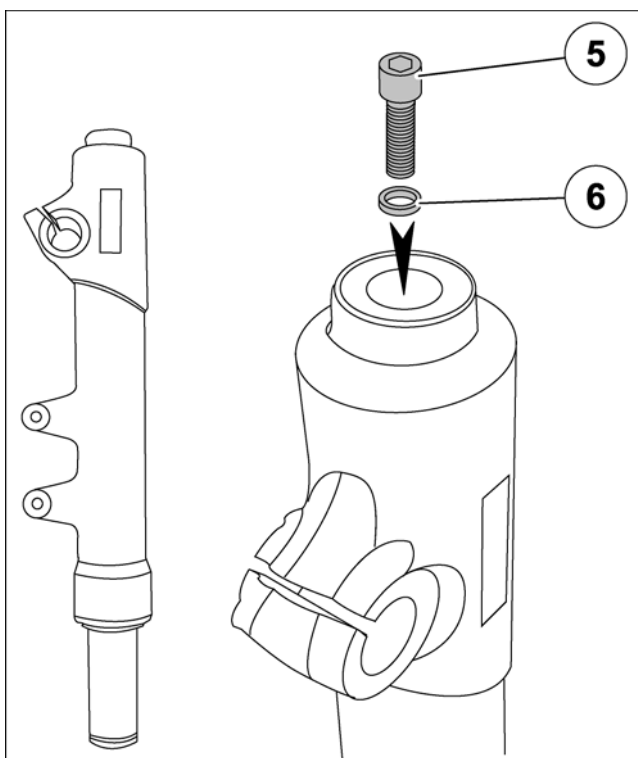
- the circlip (10)
- the dust cover (9)



- Put new SAE 15 type hydraulic fluid into the fork tube (Esso Unavis N46) through the hydraulic transfer tube (12) (quantity as per fork type see table page 1)

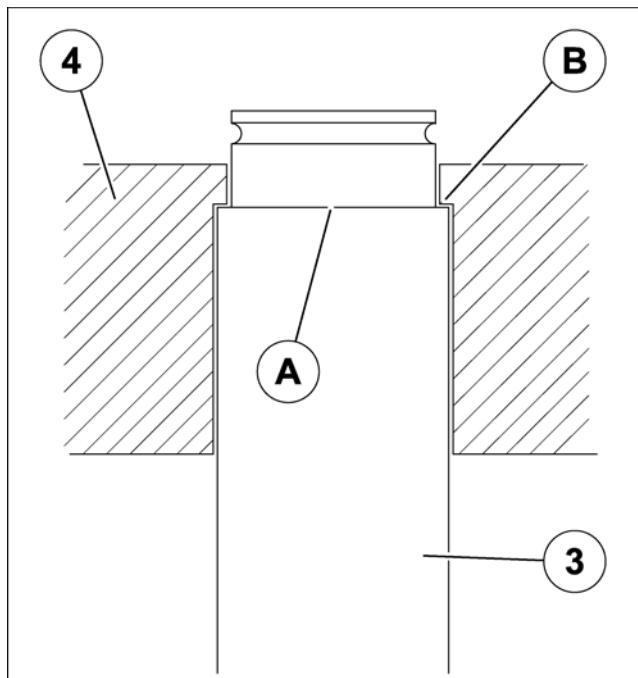


- Fit the compression stop cone (8) to the hydraulic transfer tube
- Fit the fork sleeve (7) to the slightly oiled fork tube (3)

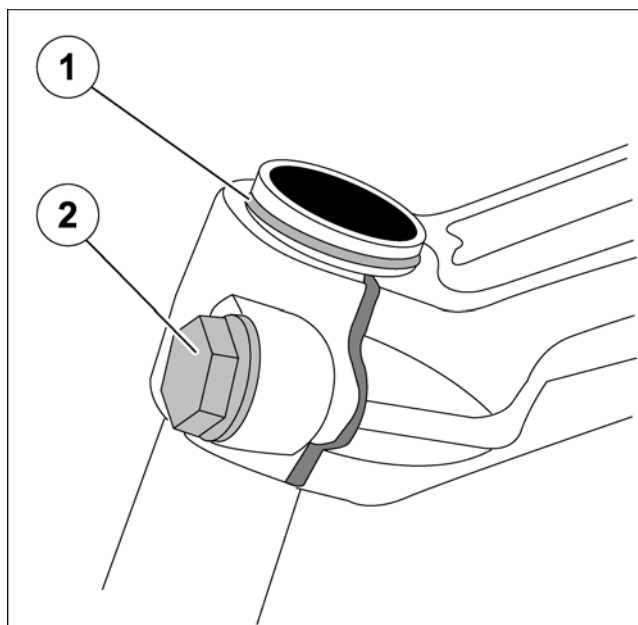


- Fit a new seal (6) and tighten the drain plug (5) to a torque of 2.3 m.daN (use of an electric screwdriver is recommended for running up, with final tightening with a torque wrench)
- Slide the fork tube into the fork stanchion to check for correct operation and circulate the oil in the fork tube
- Wipe the fork tube with a clean cloth

Refitting the fork components



- Push the fork tube (3) into the Tee until the shoulder (A) is in contact with shoulder (B) of the fork Tee (4)



- Tighten the fork assembly bolt (2) to a torque of 3 m.daN
- Fit the locking clips (1)
- Re-fit the fork-mounted components (mudguard, caliper, etc....)