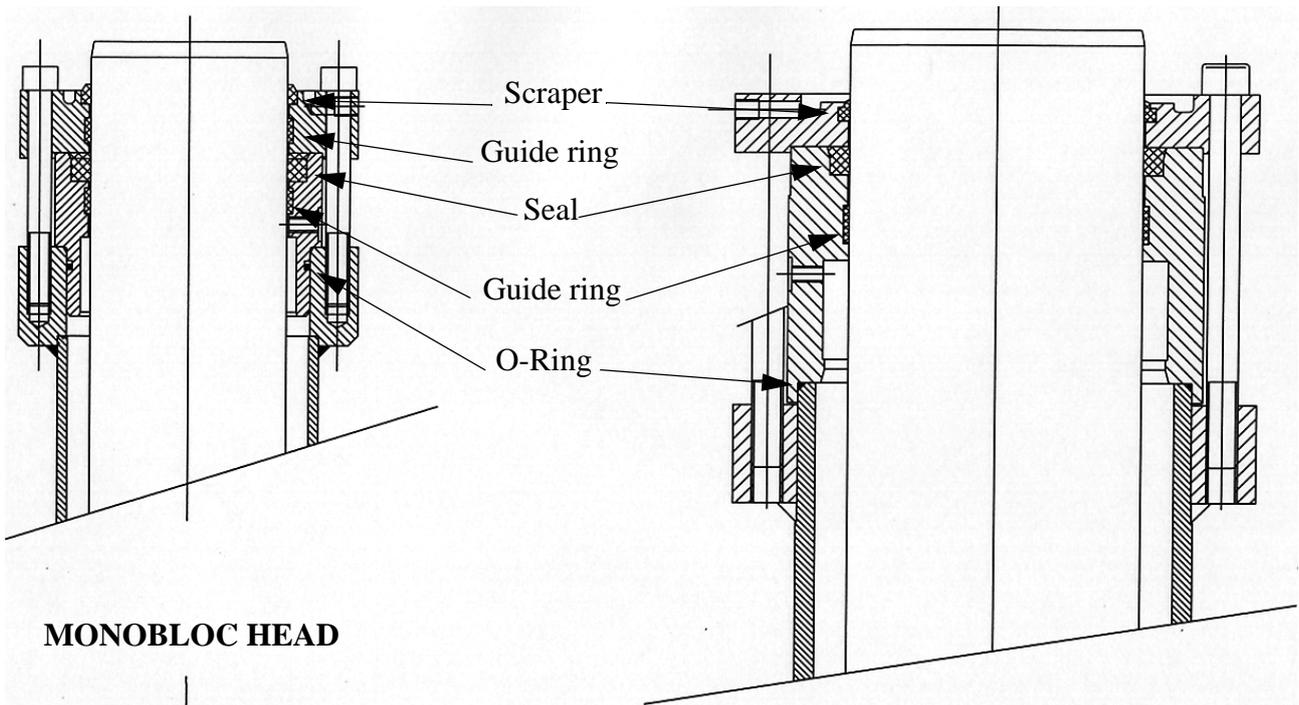


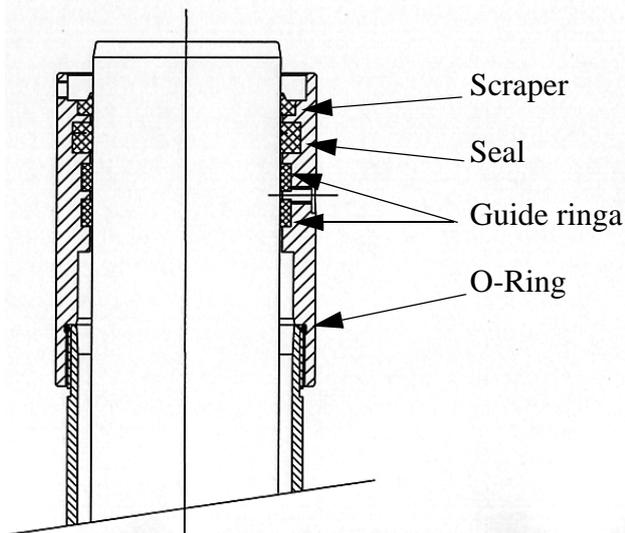
**PROCEDURE FOR THE SUBSTITUTION OF THE SEAL OF THE JACKS**

**Warning:** The following procedure gives useful informations for the substitution of the sealings inside the head of jacks.  
The following operations must be executed according to current safety rules..

**THREE PIECES JACK HEAD**



**MONOBLOC HEAD**



- Lower the car until the ram stands out from the cylinder head for about 50 mm.

- Block the car with the safety devices and add a second safety block to have a further protection. For indirect acting lifts, also the top pulley sling must be blocked about 50 cm over cylinder head.
- Clean well the jack head from dirt and dust.

**THIS OPERATION IS VERY IMPORTANT:** dirt fallen inside jack head could damage quickly the sealings and the ram!

- Unscrew the screws that keep the sling (or the pulley sling) in order to free the ram head.

Lower the ram using the manual lowering valve, until it stops on the cylinder bottom. From this moment there is no more pressure in the hydraulic circuit and the jack head can be dismantled. Unscrew all the screws that keep the top part of the head and put them away carefully.

### **Three pieces jack head**

Pull away the top part of the jack head, which contains the scraper. Pull away the main pressure sealing, eventually using a screwdriver.

**Warning!** never touch the ram with the screwdriver! The ram could be scratched and the whole jack would be seriously damaged! Fit the screwdriver between the sealing and the cylinder.

- Clean the seal set with brush and thinner and let dry, then put some grease on the seal and the set and fit the sealing using a no metallic tool. Caution: **the white ring of the sealing must be on the upper side!** If necessary, change also the scrapert.

- Fit the upper part of the cylinder head and lock it with the screws.

**Caution!** Do not use for this operations metallic or sharp tools to avoid damages to the ram and sealings!

### **Monobloc head**

- Unscrew the cylinder head using a hook spanner.
- Pull away the main pressure sealing, eventually using a screwdriver.
- Clean the seal set with brush and thinner and let dry, fit the sealing into the seal set; Caution: **the white ring of the sealing must be on the upper side!** If necessary, change also the scrapert and the guide rings.
- Change the O-Ring of the cylinder head, lubricate the ram and the seals then screw the head on the cylinder using a hook spanner.

- Join the ram to the sling (pulley sling for indirect lift). Use the hand pump to lift the ram.
- After joining the ram to the sling, free the car and make some runs with the air escape screw slightly untightened, until some oil starts coming out from the hole, then re-tighten the screw. make another complete run and stop the car near the upper floor. Proceed at creeping speed until it reaches the upper stop.
- Adjusting the pressure switch, give the system a pressure of 50 bar and wait for some minutes. In this way it is possible to check if there are oil leakages from the jack head or cylinder.