

STOP-VALVE TYPE XAD 36

Disassembly and reassembly

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SERVICE AND REPAIR OF STOP-VALVE TYPE XAD 36

1 DISASSEMBLY OF THE STOP-VALVE

1.1 Preparation to the disassembling

- Electric insulation of the loading station.
- Hydraulic insulation of the station.
- Drain of the strainer.
- Disassembly the case of electrical order :
 - ➔ Disassembly the hood.
 - Pull out the lead of sealing.
 - Remove the 3 screws.
 - ➔ Disassembly the case.
 - Remove 2 nuts and their washers.
- Disassembly the stop-valve.
 - Removal of seal of the stop-valve.
 - Pull out cages of seal.
 - Pull out bolts.
 - Disassembly the valve.

DISASSEMBLY OF STOP-VALVE

Fig.1

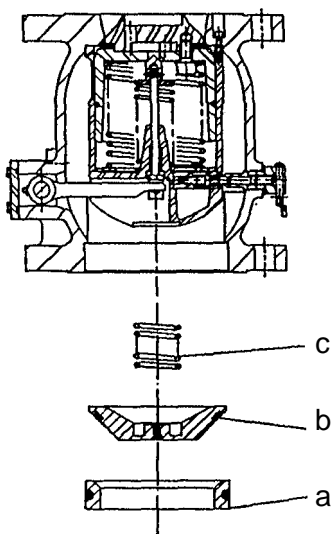


Fig.2

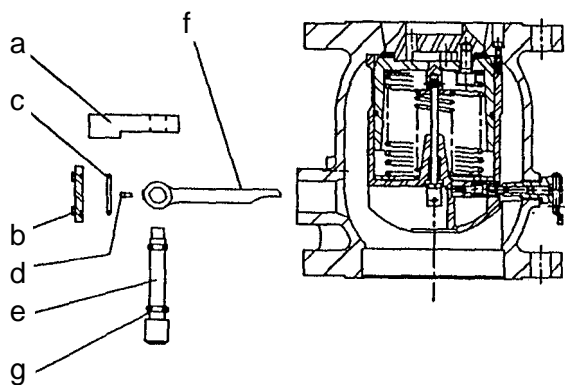


Fig.3

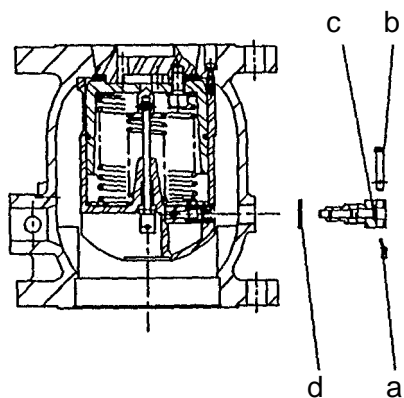


Fig.5

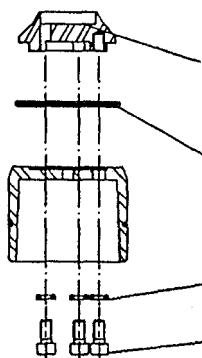


Fig.4

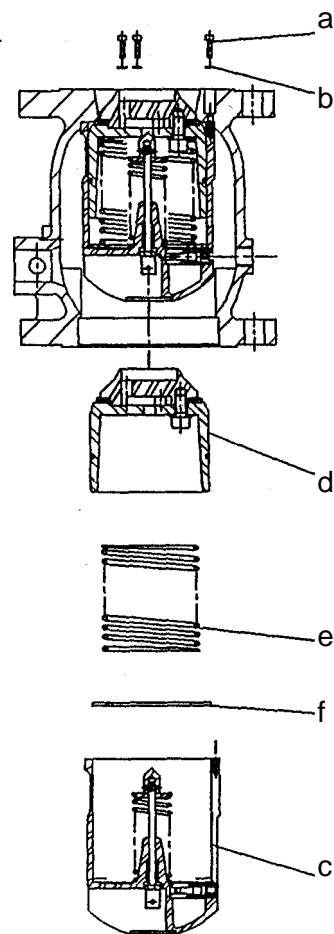
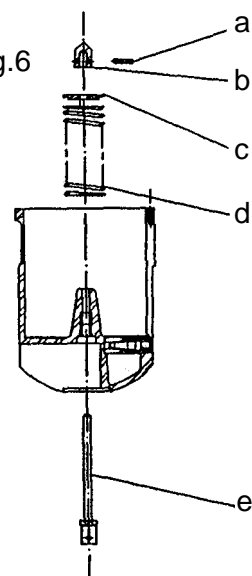


Fig.6



Disassembly of the stop-valve

- Disassembly the no return valve **(Fig.1)**.
 - Remove the seat of valve.(a)
 - Pull out the valve (b) and the spring.(c)

- Disassembly the axle **(Fig.2)**.
 - Notice the lever of order and pull out the pin.
 - Remove the lever of order.(a)
 - Dismantle 4 screws of the cover (b)
 - ➔ Collect the o'ring.(c)
 - Pull out the pin.(d)
 - Pull out axle.(e)
 - Pull out the lever.(f)
 - Remove 2 o'rings.(g)

- Disassembly the system of adjustment **(Fig.3)**.
 - Pull out the lead.(a)
 - To withdraw the axis of leading.(b)
 - Inscrew the system of adjustment (c)
 - ➔ Collect the ring BS.(d)

- Disassembly the group sleeve / piston **(Fig.4)**.
 - Remove 3 screws (a) and collect 3 gaskets.(b)
 - Disassembly the group (c+d)
 - To withdraw the piston of its shirt,
 - ➔ Collect spring (e) and washer.(f)

- Deposit trimming **(Fig.5)**.
 - To remove the 3 screws (a) and the discs. (b)
 - To remove the nose of the piston. (c)
 - To withdraw the trimming. (d)

- Deposit of the pilot and the control shaft **(Fig.6)**.
 - To remove goupille.(a)
 - Deposit of the pilot. (b)
 - To remove the thrust (c) and the spring. (d)
 - To withdraw the control shaft. (e)

REASSEMBLY OF STOP-VALVE

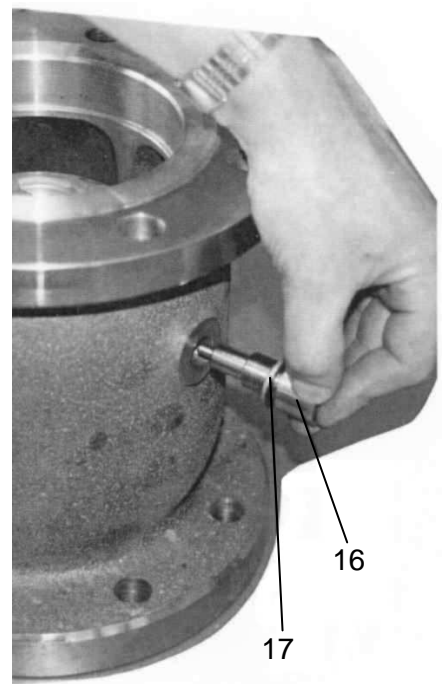
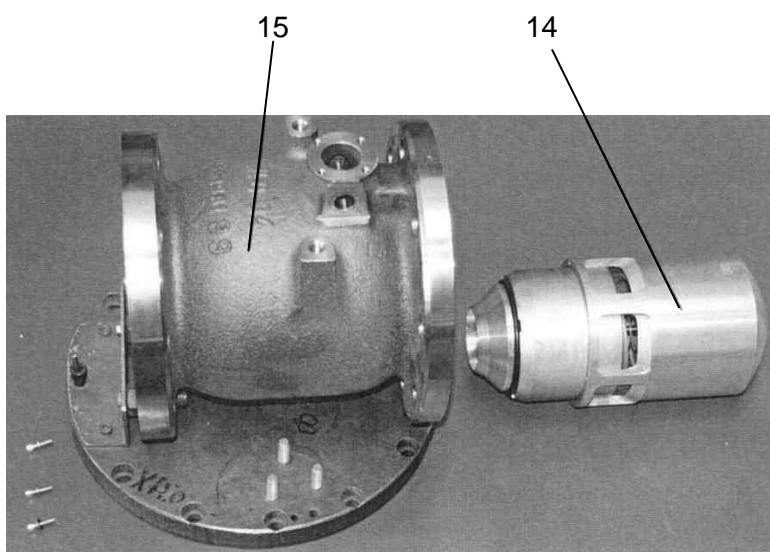
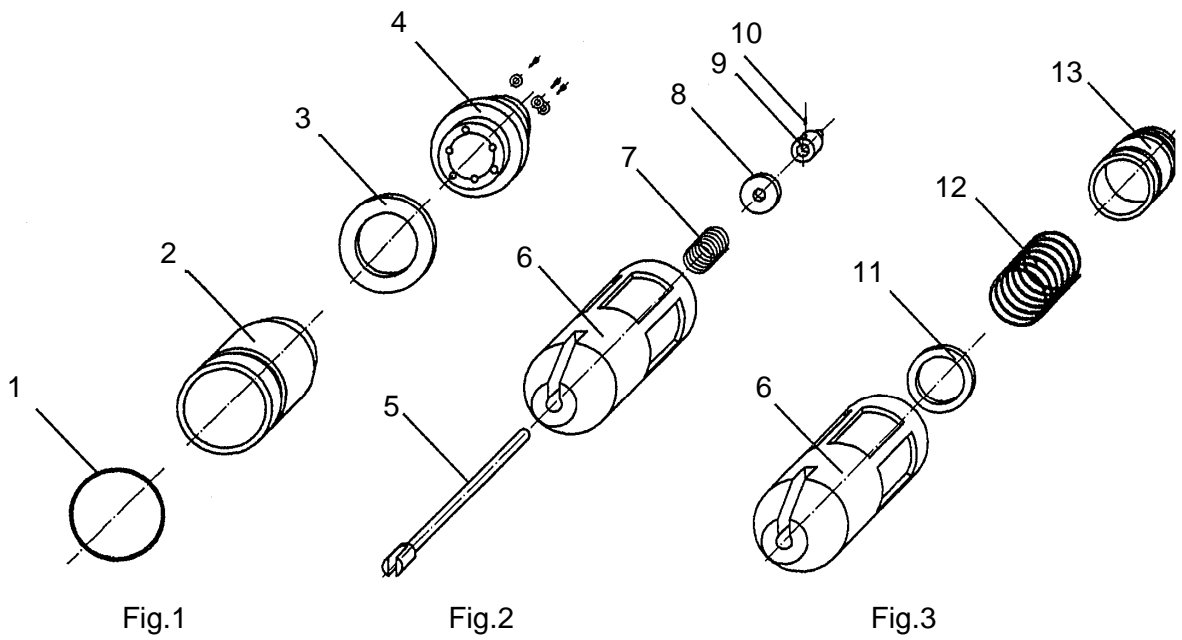


Fig.4

Fig.5

REASSEMBLY OF THE VALVE

1.2 Clean the body of the valve

- To clean the interior of the body with solpar, gasoline or gas oil.

1.3 Assembly the piston (Fig.1)

- Assembly the gasket (1) with piston (2).
 - ➔ To slacken the joint with hot water.
- Assembly the packing (3) on the piston (2) by fixing the nose of the piston (4) by 3 screws.

1.4 Prepare the sleeve (Fig.2)

- Installation of the axle (5) in the sleeve (6).
 - ➔ To check that the axis slides laterally in the shirt without hard point.
- Installation of the spring (7) and the washer (8).
- Installation of the pilot (9) and put on the pin (10).

1.5 Assembly the group sleeve / piston in the body (Fig.3 - 4)

- Installation of the washer (11) and the spring (12) in the sleeve (6).
- Installation of the piston (13).
 - ➔ To ensure itself of a fatty slip of the piston in the shirt by exerting a pressure on this last.
 - ➔ No the hard point.
- Installation of the group sleeve / piston (14) in the body (15) and fix by 3 Gasket BS and 3 screws.
- Control operation of the piston.
 - ➔ To make sure that the piston is a fatty slip without hard point.

1.6 Assembly with the system of adjustment (Fig.5)

- Installation of the system of adjustment (16) with a ring BS (17).

REASSEMBLY OF STOP-VALVE

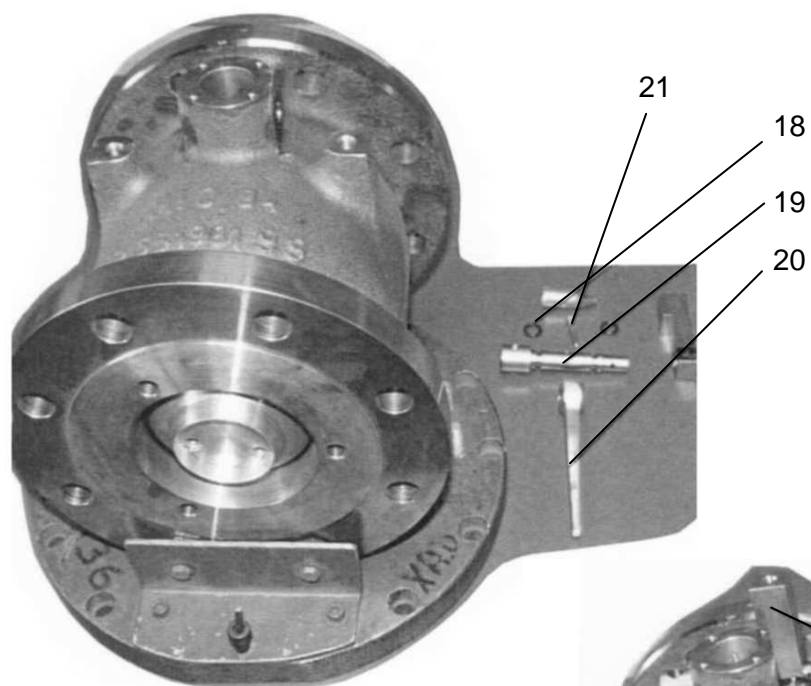


Fig.6

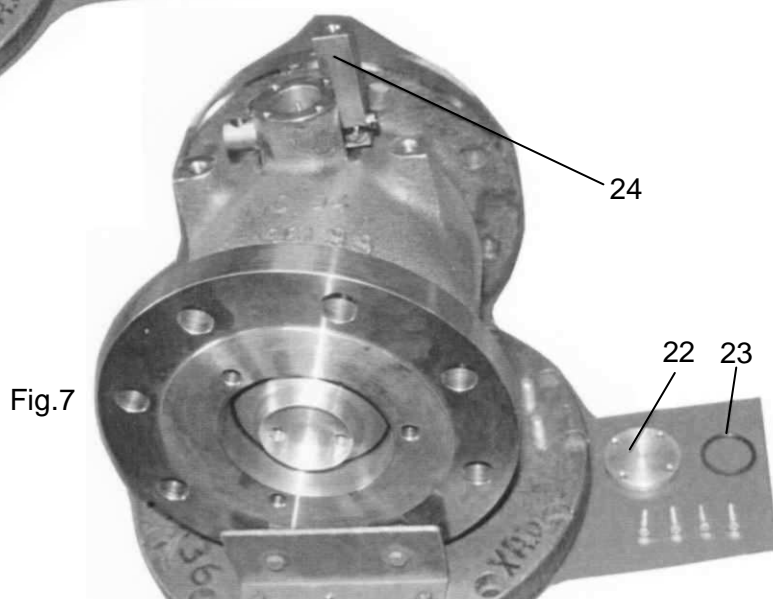
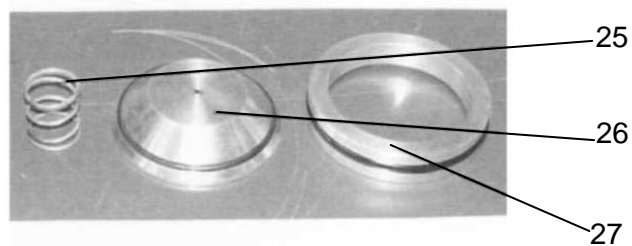


Fig.7



Fig.8



1.7 Assembly the system of order (Fig.6, 7 and 8)

- Assembly 2 o'rings (18) on the axle (19).
 - ➔ to make sure that there are no arrises on the axis which can cause the deterioration of the joints.
- Put grease on the hole of the body.
- Installation of the lever of order (20).
- Installation of the axle (19).
- Assembly the pin (21).
- Assembly the cover (22) with his gasket (23).
 - ➔ To fix the whole by 4 discs and 4 screws.
- Assembly the lever (24) and to fix the pin.
- Control of functioning.
 - ➔ No hard point must be detected during the use of the lever.
- Assembly the spring of the valve (25), the valve (26) and the seat of valve (27) after having lubricated the joints.
- Installation of the valve.
- Installation of the case of order.
- Control mechanical operation without hard point.