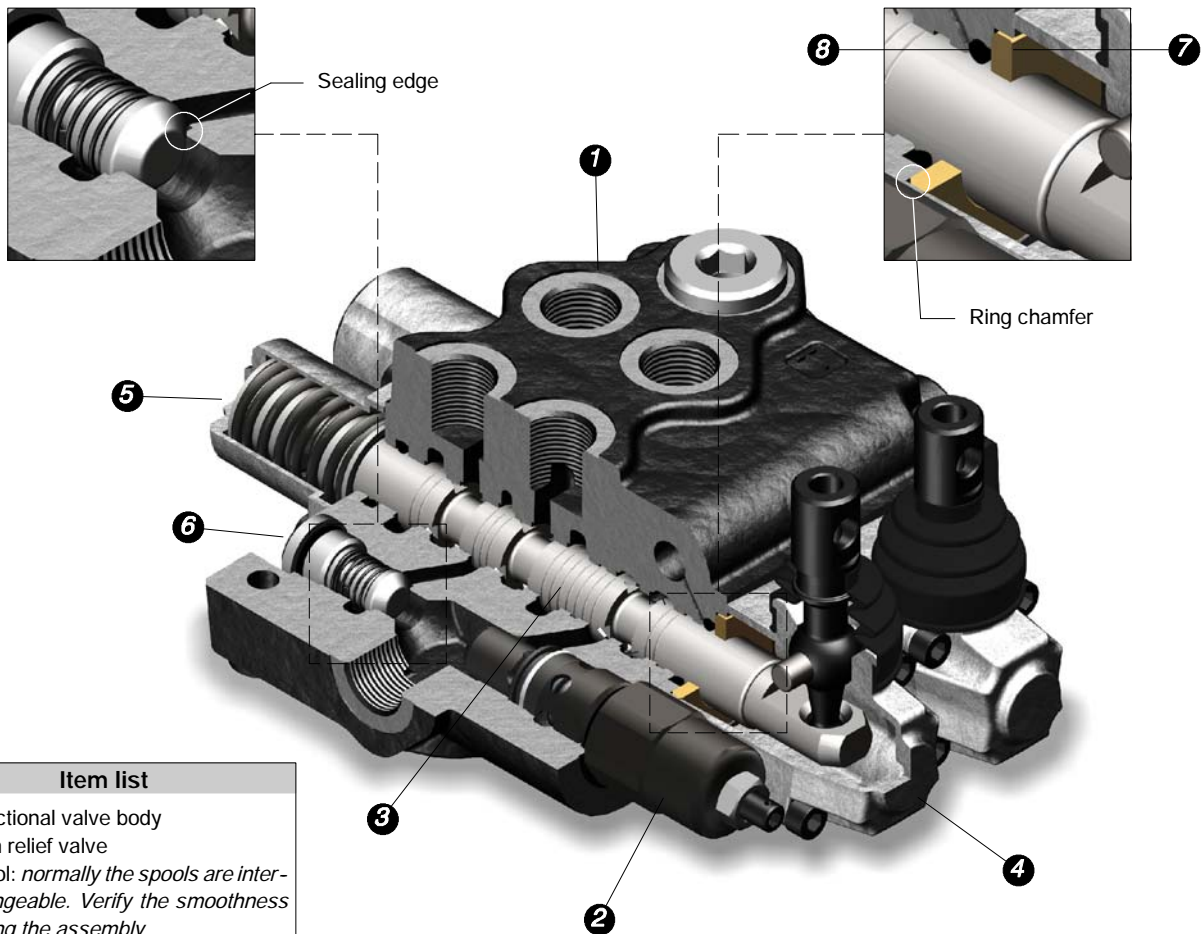


## Installation and maintenance



### Item list

- 1) Directional valve body
- 2) Main relief valve
- 3) Spool: *normally the spools are interchangeable. Verify the smoothness during the assembly*
- 4) Lever box
- 5) Side "A" spool positioner
- 6) Load check valve
- 7) Holding O-Ring bushing
- 8) O-Ring seal 18x2,5  
code: 4GUA120235

NOTE - All articulated parts inside cap, lever box and mechanical joystick are lubricated with synthetic base grease grade NLGI2

Malfunction	Cause	Remedy
External leakage pivot box lever or control kit side.	Worn spool seal due to mechanical actuation or high back pressure.	Locate the leakage and replace the seal. Check back pressure level.
Excessive internal leakage on A and B ports.	Increase clearance between spools and body due to high wear.	Replace the directional control valve and check the oil contamination level.
Dropping load during transition while raising.	High leakage on the load check valve	Remove the load check valve and clean the seat, verifying it's not dented.
Inability to build pressure on A and B ports.	Pressure relief valve blocked open. Low pump pressure and flow.	Remove and clean or replace the valve. Check the pump and circuit.