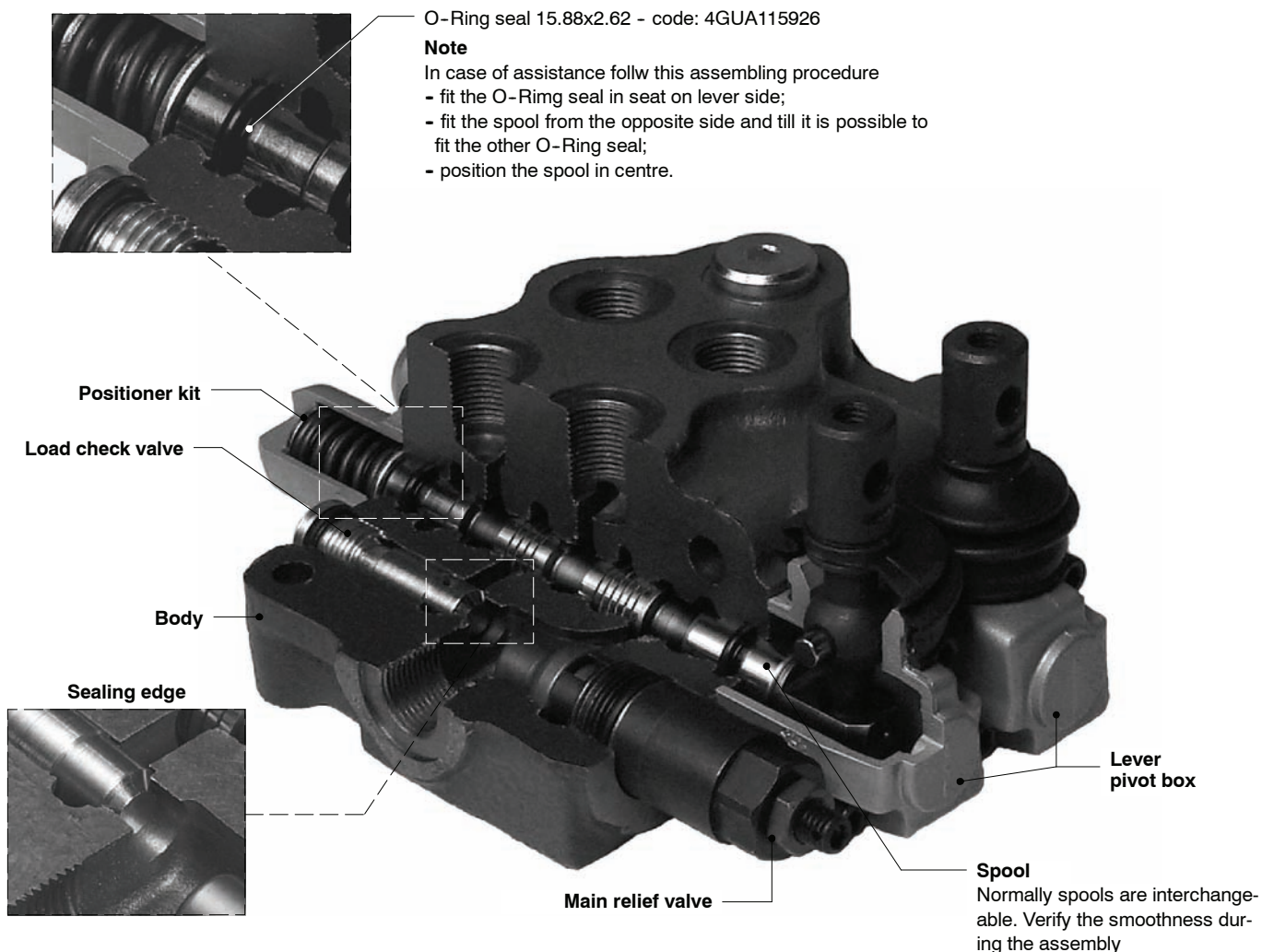


## SD5 directional control valve



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.<br>Low pump pressure and flow. | Remove and clean or replace the valve.<br>Check the pump and circuit.        |