

RECOMMENDATIONS



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Practical Instructions to Change Ball-End on Hydraulic Control Valve

- Remove rubber grommet at the front of the hydraulic control valve piston. Please note, the new replacement kit includes a small bracket which hold the rubber grommet in place - it can easily be fitted onto the old version valve also!
- Remove cap on the back of the control valve (2 x Allen key head bolts)
- Remove compression spring - do not loos washer at end of spring
- Grip front - screwed in ball-end with vice grip and remove spring seat on the back of the piston (1 x Allen key head bolt).
- Pull out control-valve piston towards the front and change ball-end by gripping the piston at it's recesses with a vice-grip pliers - and second vice-grip plier to replace ball-end.
- Do not grip on shiny piston surface and use Loctite 243 on ball-end thread!
- Re-insert piston and re-fit rear spring seat - gripping front with vice-grip
- Place some grease on back end of piston - re-insert compression spring and centralising washer and re-install rear cap with 2 x Allen-key head bolts
- Pop rubber grommet over new ball-end and fit holding bracket with spacers.
- Use a drop of Loctite 243 on all screws
- Maintain the ball-end with occasionally spraying with WD-40 or equivalent !!