

ELX/ELX-S VALVES

Check Valve Assembly Modification

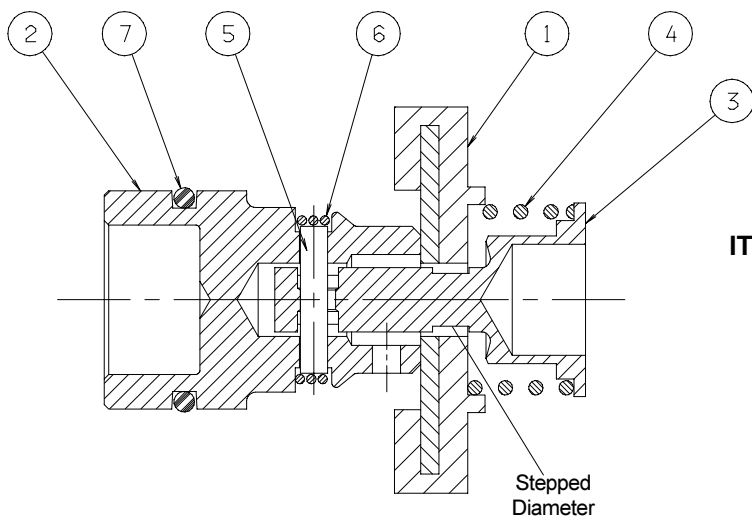
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The **ELX/ELX-S Release Check Valve(3)** has been **revised** to add a stepped diameter where it passes through the check valve(1). If the release check valve(3) does not have the stepped diameter on the stem, a new release check valve(3) with this feature **MUST BE USED**.

In reviewing valves returned, it was found that the O-ring which was utilized to secure the dowel pin(5) may allow this pin to move out of position. To ensure that the dowel pin(5) remains in position, **Retainer(6)** has now **replaced** the O-ring.

Install new retainer(6) onto the stepped diameter of the carrier(2) (cross drilled hole end). Place spring(4) onto the mating seat of the release check valve(3). Assemble new check valve(1), spring(4), release check valve(3) and carrier(2), locking the assembly together with dowel pin(5). Spread the new retainer(6) so that the end closest to the ring groove catches and starts into the ring groove. Rotate the retainer so that it fully engages into the ring groove. Make sure that the retainer is in the ring groove securing the dowel pin(5) in place.

The retainer(6) is part of the rubber parts kits (Pc. No. 305105 for ELX, and Pc. No. 305301 for ELX-S). Both the retainer(6) and the release check valve(3) with the stepped diameter should be used during the first COTS of the ELX and ELX-S Valves.



Assembly View

MATERIAL LIST

ITEM #	DESCRIPTION	PC. NO.	QTY.
1	Check Valve	304987	1
2	Carrier	304989	1
3	Release Check Valve	305166	1
4	Spring, Release	305167	1
5	Dowel Pin	305186	1
6	Retainer	310388	1
7	O-ring	305003	1