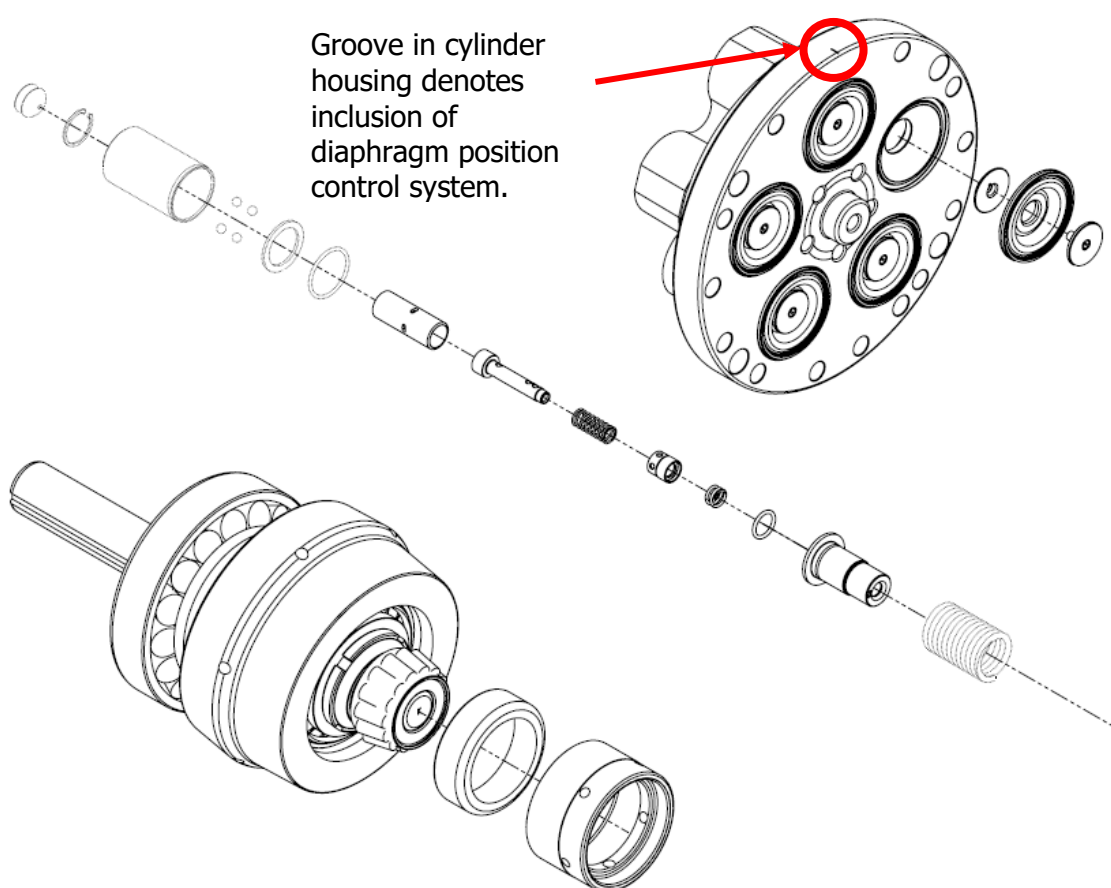


D/G15 and D/G17 pump design upgrade to include Advanced Diaphragm Position Control (ADPC) system.

A design upgrade has been included in the latest iteration D/G15 and D/G17 pumps to allow the inclusion of the patented **Advanced Diaphragm Position Control (ADPC)** system technology as is included in other pump options in the Hydra-Cell pump range.

This inclusion of the latest design advanced diaphragm position control system adds extra protection to the pump in the event of inadvertent closure of the pump suction line, suction line blockage or if suction conditions become marginal; the diaphragm position control system will maintain the diaphragms position within the diaphragm pocket and prevent diaphragm rupture due encroachment on the valve bores due to poor suction conditions.



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Several design improvements have been made these include:

- Change to cam assembly nose bearing design to offer longer bearing life along with corresponding change to cylinder housing.
- Inclusion of advanced diaphragm position control elements in piston components.
- Optimisation of diaphragm design including inclusion of single piece diaphragm follower and screw arrangement removing the requirement for the follower screw and O-ring.

Due to these changes, it is important to understand that for the pump to function correctly the following parts are designed for use with the latest pump upgrade and are not interchangeable with parts from the original pump design.

Part Number	Description
D/G15K54****	Fluid end kit - Complete
D/G15D54****	Fluid end kit – Diaphragm
D/G15V54****	Fluid end kit - Valve
K15-014-1210	Piston assembly
K15-002-1210	Loaded cylinder Housing
K15-007-1210	Cam assembly: X-cam
K15-007-1214	Cam assembly: E-cam
K15-018-****	Diaphragms

Valve plate and manifolds remain unchanged and are useable on both diaphragm position control and non-diaphragm position-control pumps.

Pumps after serial No. 411940 will be supplied in the upgraded configuration.



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