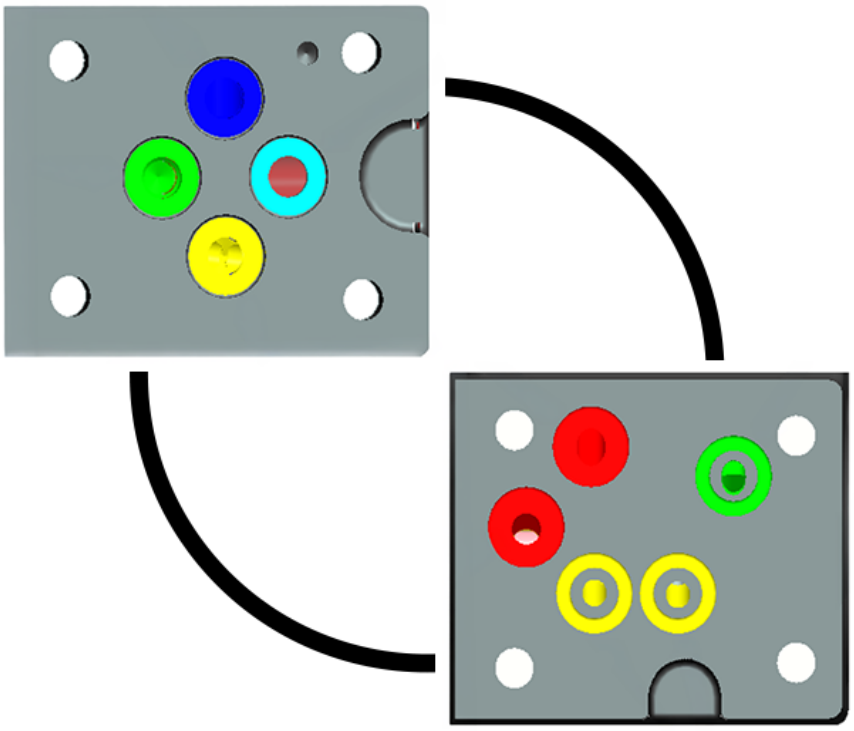
LIFCO HYDRAULICS INC

TECHNICAL ARTICLE
TA-LIF-013

OBSOLETE A-MOD CONTROLS

PARKER P1 & PD PUMP



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Product: C00, C10, L00, L20 & AM
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Department: Engineering

Summary:

The A-mod controls and seal kit are obsolete and no longer available from Parker. They have been replaced with the new B-mod design version of the Pressure Limiter, Load Sense, and Pilot Operated Pressure Limiter.

Differences:

The mounting interface and the physical designs of the controls are different.

A-mod

- 4-port mounting pattern
- Has different physical designs for specific control functions and pump rotation
- Separate CW and CCW designs are used for the different control options

B-mod

- 5-port mounting pattern
- Same physical design for C0, L0, and AM controls, whether the pump rotates clockwise or counterclockwise
- Eliminates the need for separate rotation-specific control designs

Please note: Parker calls it an “All in one compensator” but this does not mean you will get all controls in the same unit. Each control has it’s own part number, which you can see on the Appendix A chart on Page 4.



Figure 1: Design Series A

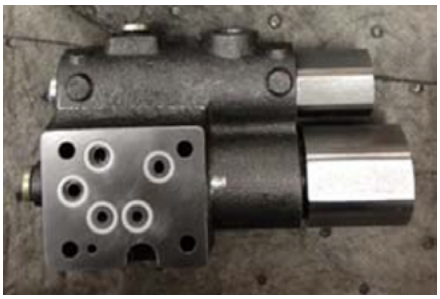
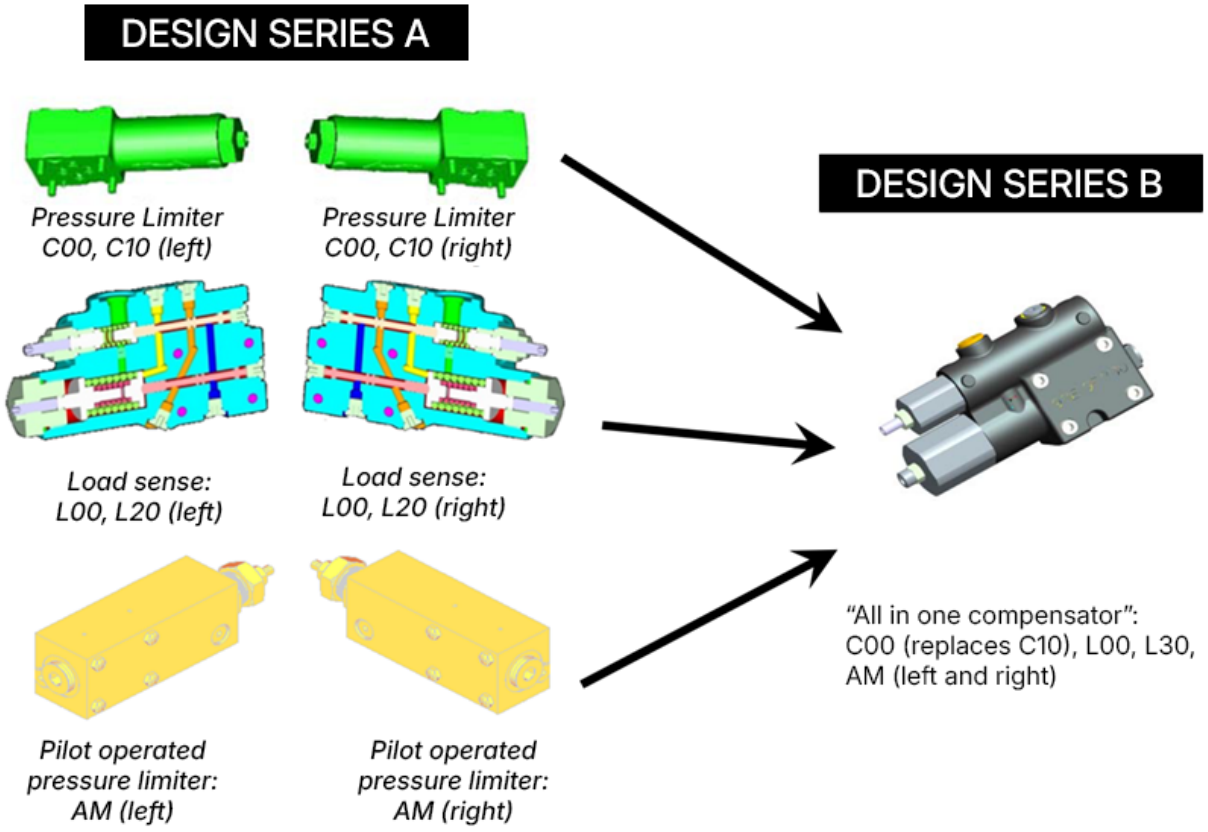


Figure 2: Design Series B



Part Number Change:

The new control is identified as Design Series B in the P1 and PD pump part numbers shown on the nameplate.



Adapter Blocks:

The B-mod controls can be installed on an A-mod pump, but they need an adapter block and the replacement part number depends on the pump's direction of rotation, which can be CW or CCW. Likewise, A-mod controls can be installed on B-mod pumps using the appropriate adapter block. The required adapter depends on the conversion and, in some cases, the pump's direction of rotation.

B-mod Control on A-mod CW Pump	S2E-20301-5
B-mod Control on A-mod CCW Pump	S2E-20302-5
A-mod control on B-Mod Pump (CW or CCW)	S2E-20325-5

APPENDIX A

Obsolete A-mod and replacement B-mod part numbers

CONTROL	**A- MOD PART #**	**B-MOD PART #**
C00 - CW	S2E-19149-5T	S2E-20171-5T
C00 - CCW	S2E-19249-5T	S2E-20171-5T
C10 - CW	S2E-18285-5T	S2E-20171-5T
C10 - CCW	S2E-18286-5T	S2E-20171-5T
L00 - CW	S2E-19051-5T	S2E-19440-5T
L00 - CCW	S2E-19053-5T	S2E-19440-5T
L20 - CW	S2E-18584-5T	S2E-20196-5T
L20 - CCW	S2E-18586-5T	S2E-20196-5T
AM - CW	S2E-18745-5T	S2E-20172-5T
AM - CCW	S2E-18746-5T	S2E-20172-5T
SEAL KIT		S2E-20363-5K