

Service Data

Vickers®

Piston Pumps



Variable Inline Piston Pump

PVB45-(F)*SFW-20-C(*)-(*)-11(S67)

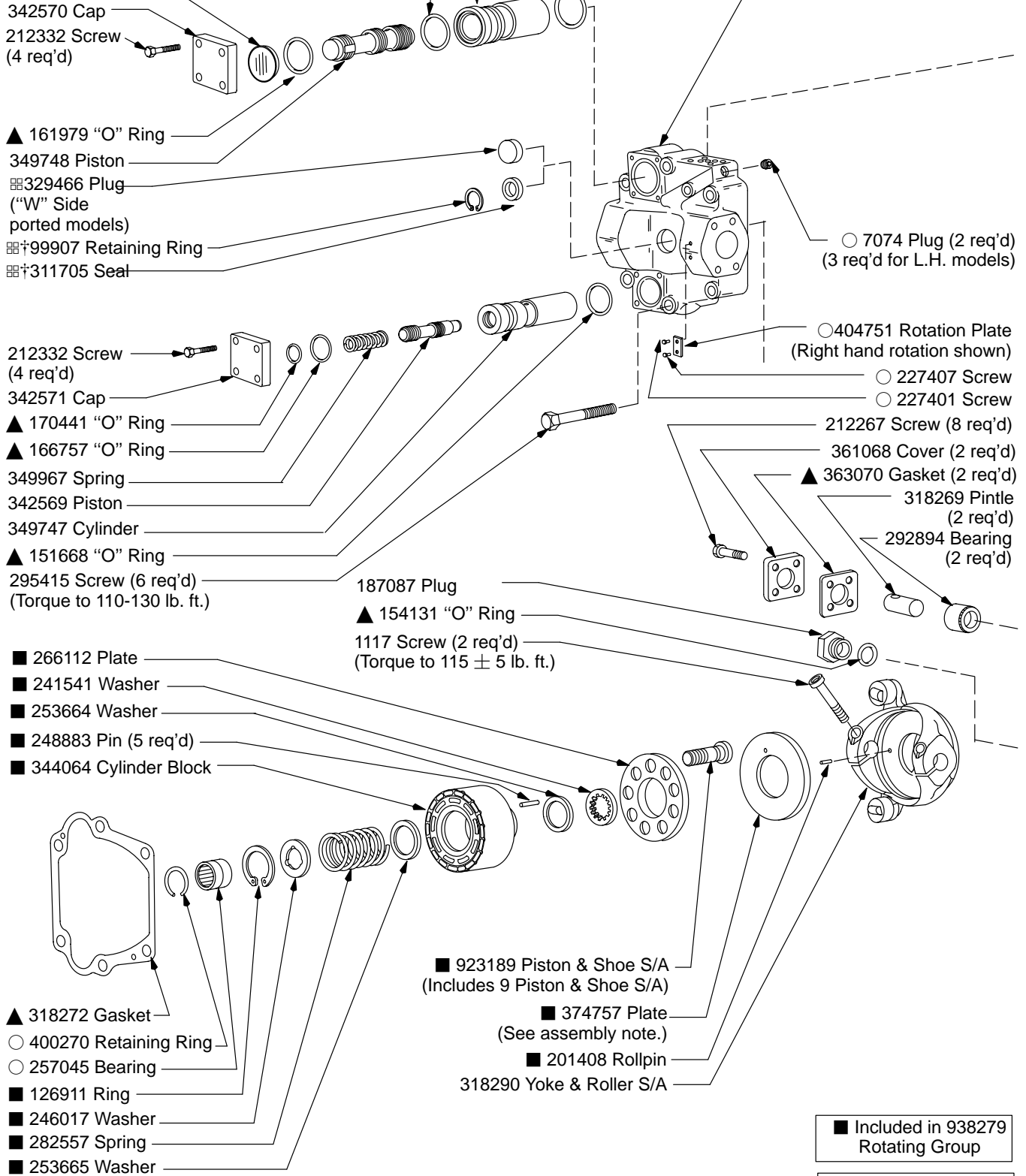
PVB45-(F)*SFX-20-C(*)-(*)-11(S67)

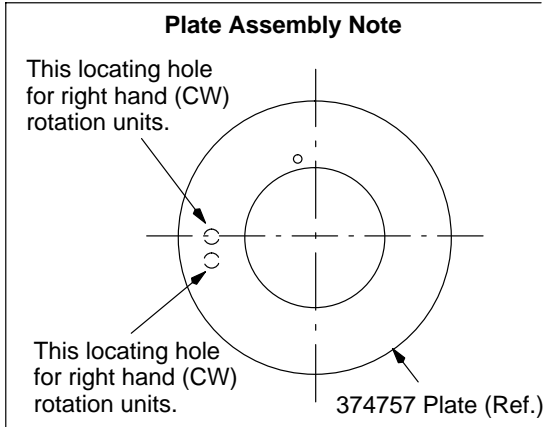
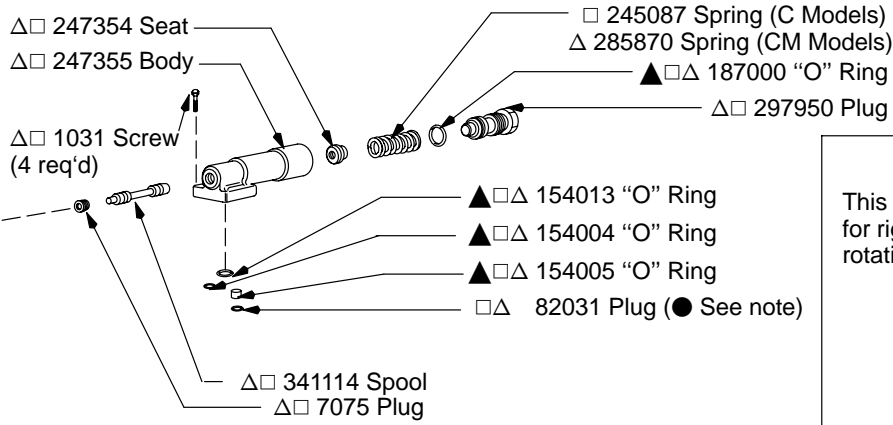


Model	Spacer
C/CM	None
C9/CM9	381291
C8/CM8	381292
C7/CM7	381293
C6/CM6	381294

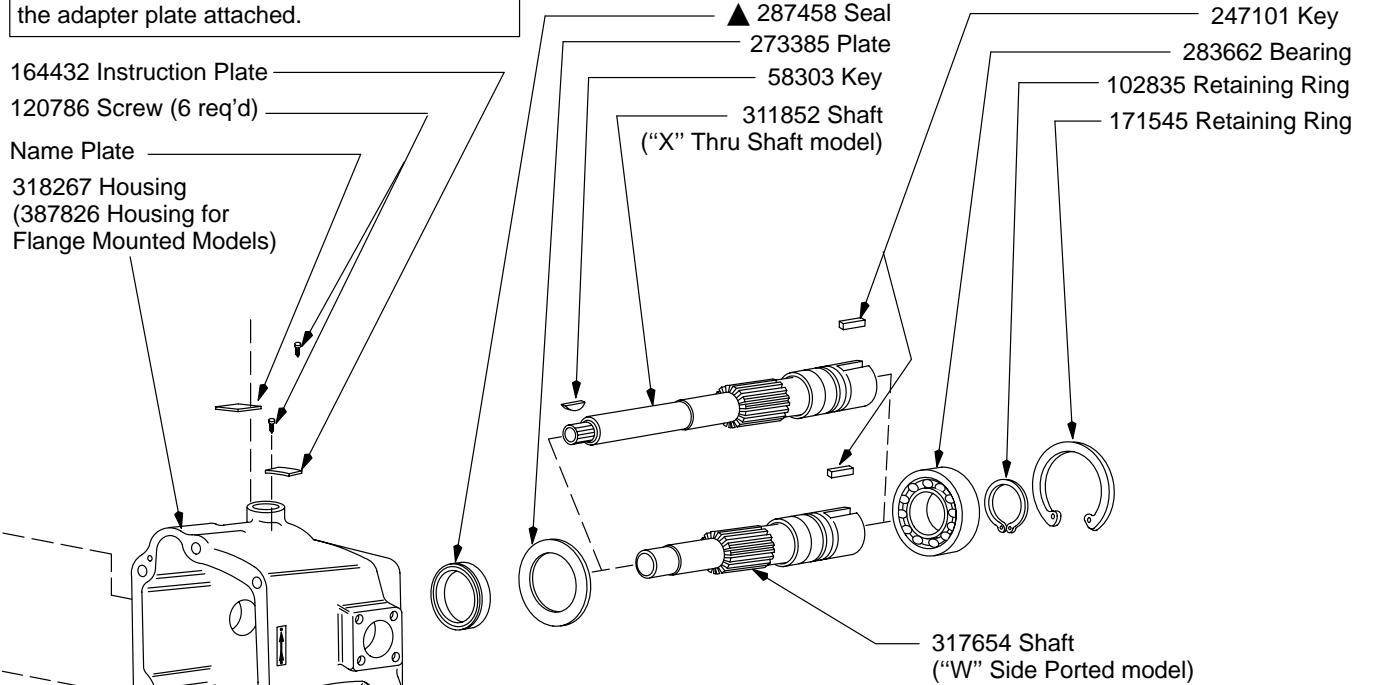
⊞ **NOT** included in seal kit of valve plate S/A.
 †"X" Thru shaft models

Valve Plate S/A	Model
942304	PVB45-(F)RSF*-20-C*-11
942305	PVB45-(F)LSF*-20-C*-11

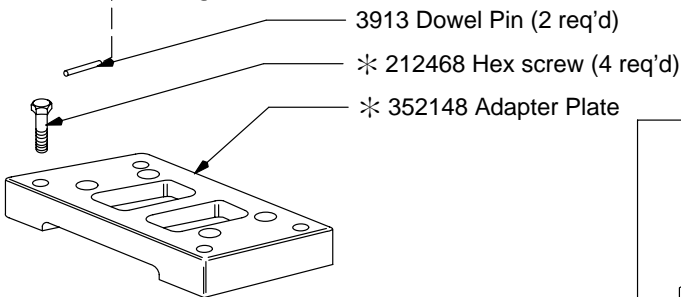




*(S-67 Option):
 Interchangability with the -10 & -11 design foot mounted pumps is provided with the adapter plate 352148 and four (4) 212468 screws. Models ordered with the S-67 suffix will have the adapter plate attached.



● 82031 Orifice plug (Must be installed in the drain port of the compensator body, below the mounting surface.)

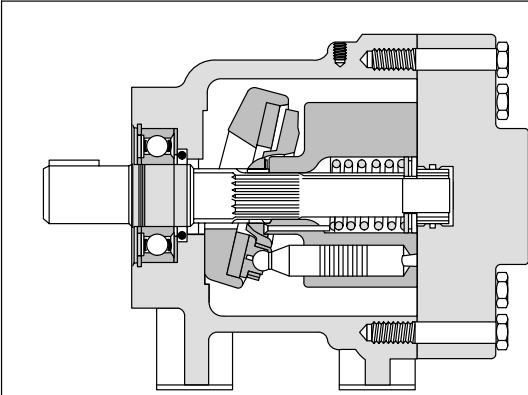


See Parts Drawing I-3963-S for Port Flange data.

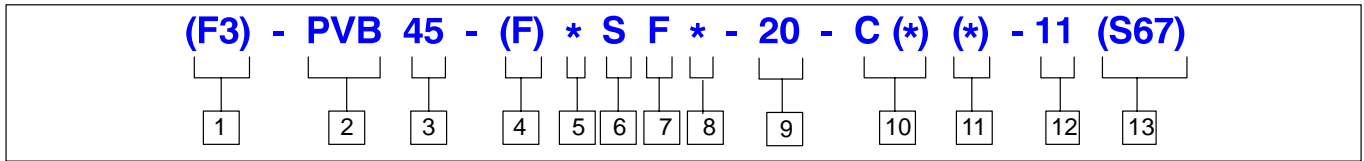
F3 Equivalent Gasket Kit 919891

○ Included in Valve Plate S/A

▲ Included in 919890 Seal Kit



Model Code



1 Special Seals

F3 - Multi-fluid capability
Viton seals

2 Model

Variable displacement pump,
USgpm inline series

3 Flow rating @ 1800 rpm

45 - 45 USgpm

4 Mounting

F - Foot bracket
(Omit for flange mount)

5 Rotation

Viewing from shaft end
L - Left hand (CCW)
R - Right hand (CW)

6 Swash Plate Movement

S - One side of center

7 Port Connections

F - SAE 4-bolt flange

8 Optional Features

W - Side port
X - Thru shaft

9 Pump Design

10 Control Type

C - Compensator (250-3000 psi)
CM - Compensator (150-1500 psi)



Caution
Maximum psi setting of
compensator must be
limited to the values
indicated.

11 Compensator Control Spacers

Omitted - 100% flow
9 - 90% flow
8 - 80% flow
7 - 70% flow
6 - 60% flow

12 Control Design

13 Option

Adapter plate interchangeability
between 10 and 11 design foot
mounted models.

For satisfactory service life of these components, use full flow filtration to provide fluid which meets ISO cleanliness code 16/13 or cleaner. Selections from pressure, return, and in-line filter series are recommended.

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