

Service Data

Vickers®

Vane Pumps



Single Pumps

V100 Series

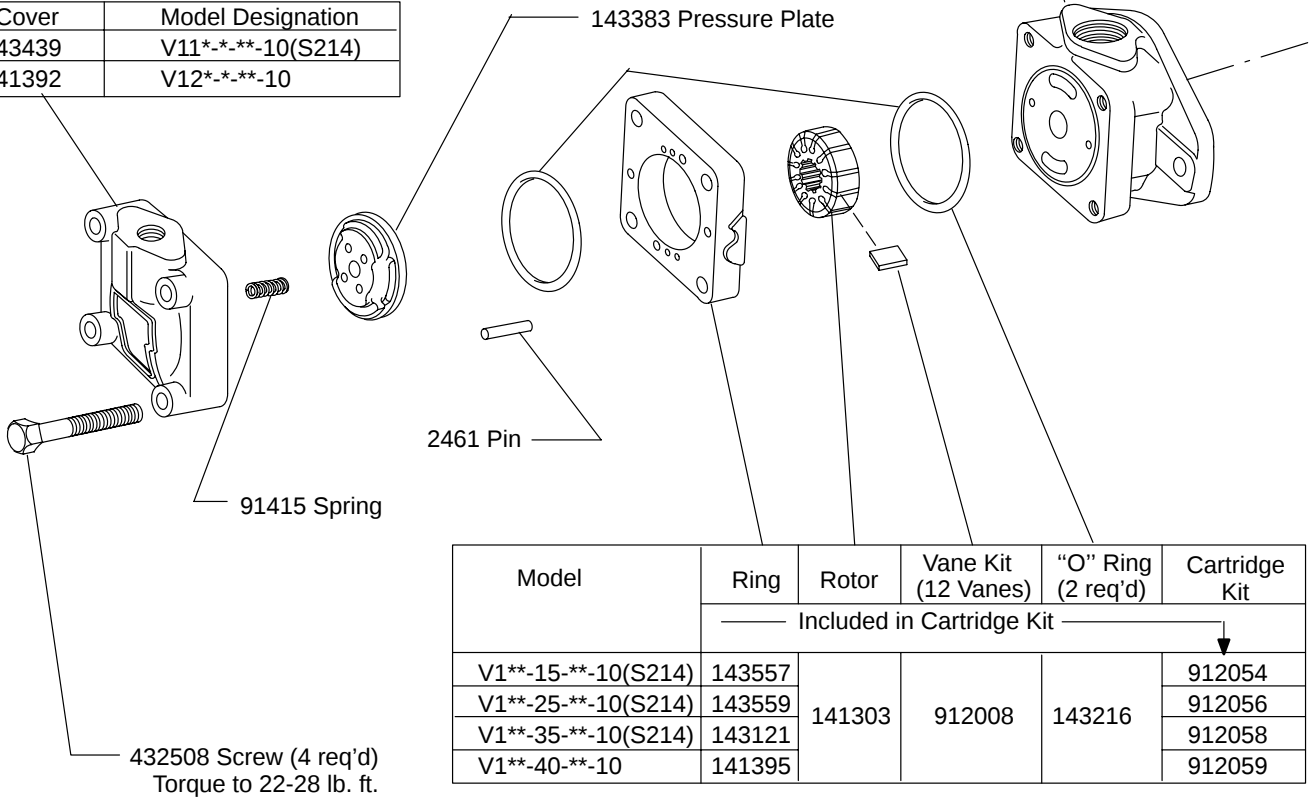


Revised 08/01/97

M-2031-S

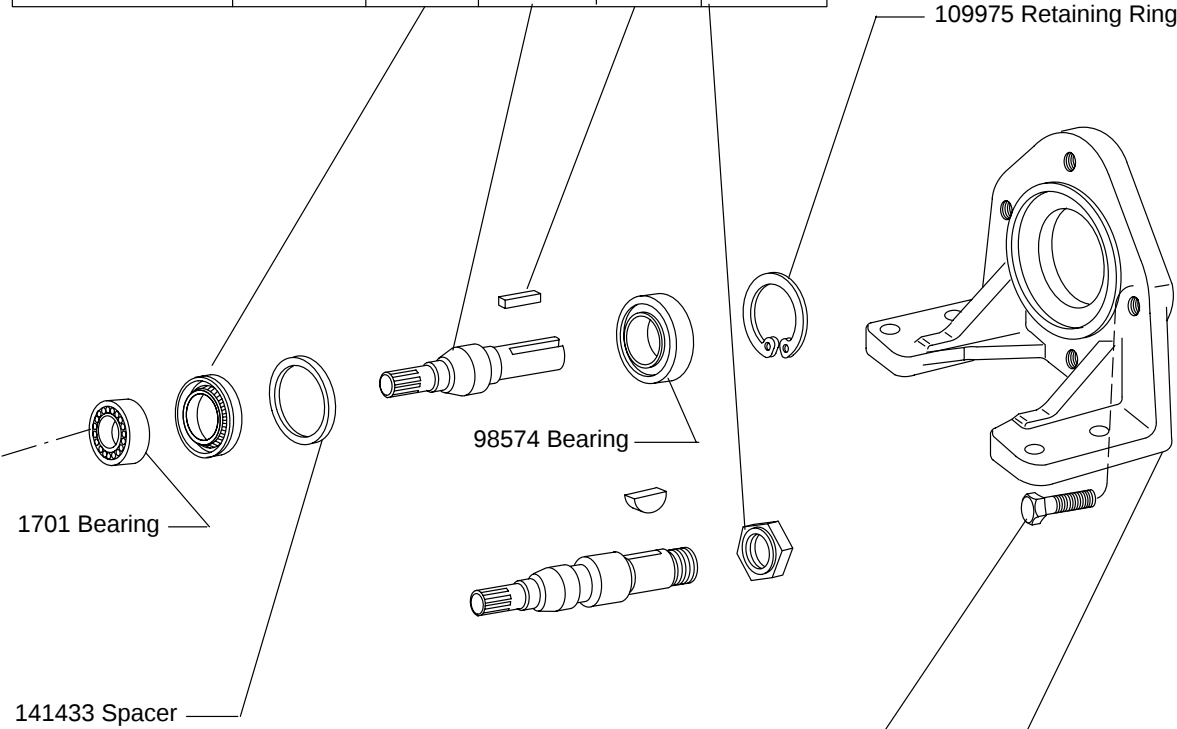
Body	Model Designation
143440	V11*-**-10(S214)
142917	V12*-**-10

Cover	Model Designation
143439	V11*-**-10(S214)
141392	V12*-**-10



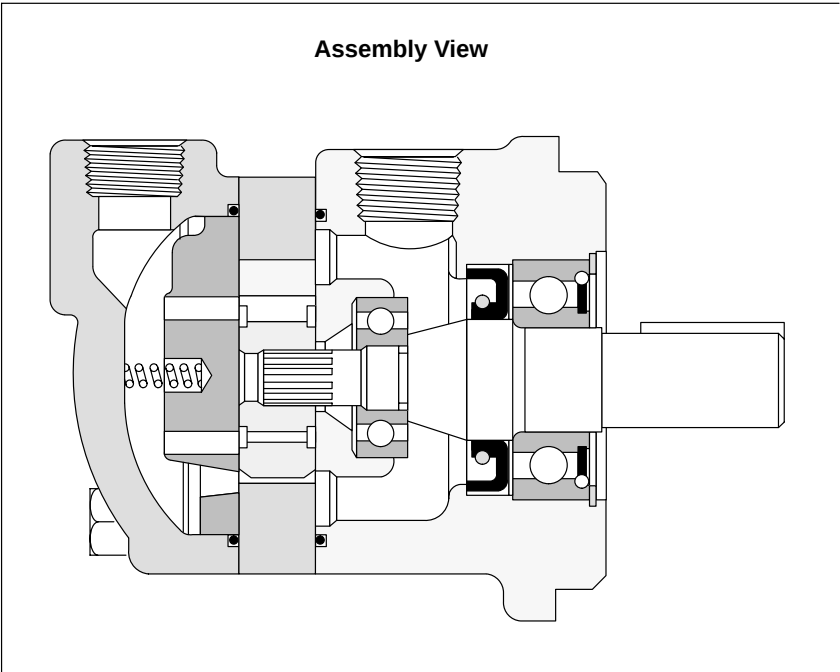
Model	Ring	Rotor	Vane Kit (12 Vanes)	"O" Ring (2 req'd)	Cartridge Kit
Included in Cartridge Kit					
V1*-15--10(S214)	143557	141303	912008	143216	912054
V1*-25--10(S214)	143559				912056
V1*-35--10(S214)	143121				912058
V1*-40--10	141395				912059

Model	Seal Kit	Seal	Shaft	Key	Nut
	Included in — Seal Kit				
V1**-1*-10(S214)	922793	229236	142916	142843	—
V1**-2*-10			146326	1602	
V1**-3*-10	—	229236	154806	1615	132260
V1**-21*-10	922793	229236	141398	1602	—
V1**-34*-10			205750	1605	



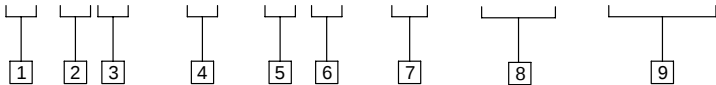
Bolt (2 req'd)	Mounting Bracket	Model
177939	FB-A-10	V1*4-*-*-10(S214)

F3 Equivalent
Seal Kit 919290



Model Code

V1 * * - * - * * - 10 - (LH) - (S214)



1 Model Series

V1 - Vane Type, 100 series

2 Body Type

- 1** - Std. thread
- 2** - Std. gasket

3 Mounting

- 0** - Body
- 4** - Foot

4 Ring Capacity

- 15** - 1.5 USgpm
- 20** - 2.0 USgpm
- 25** - 2.5 USgpm
- 35** - 3.5 USgpm
- 40** - 4.0 USgpm

5 Shaft

- 1** - Str. keyed
- 2** - Tapered
- 3** - Threaded
- 21** - Keyed
- 31** - Keyed

6 Cover Position
(Viewed facing cover end)

- A** - 180° from inlet
- B** - 90° counterclockwise from inlet
- C** - Inline with inlet
- D** - 90° clockwise from inlet

7 Design

8 Left hand Rotation

9 Industrial Unit

For satisfactory service life of these components in industrial applications, use full flow filtration to provide fluid which meets ISO cleanliness code 20/18/15 or cleaner. Selections from Eaton OFP, OFR, and OFRS series are recommended.