

Vickers®

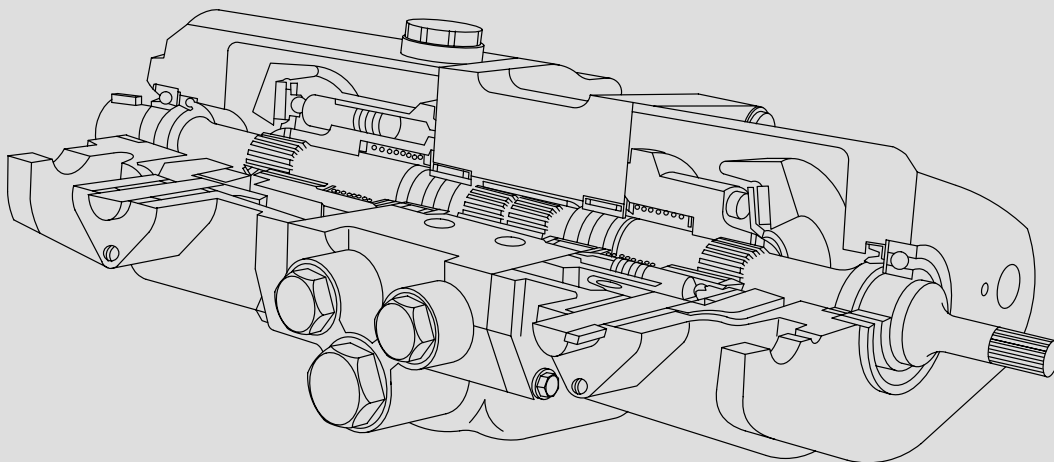
Transmissions

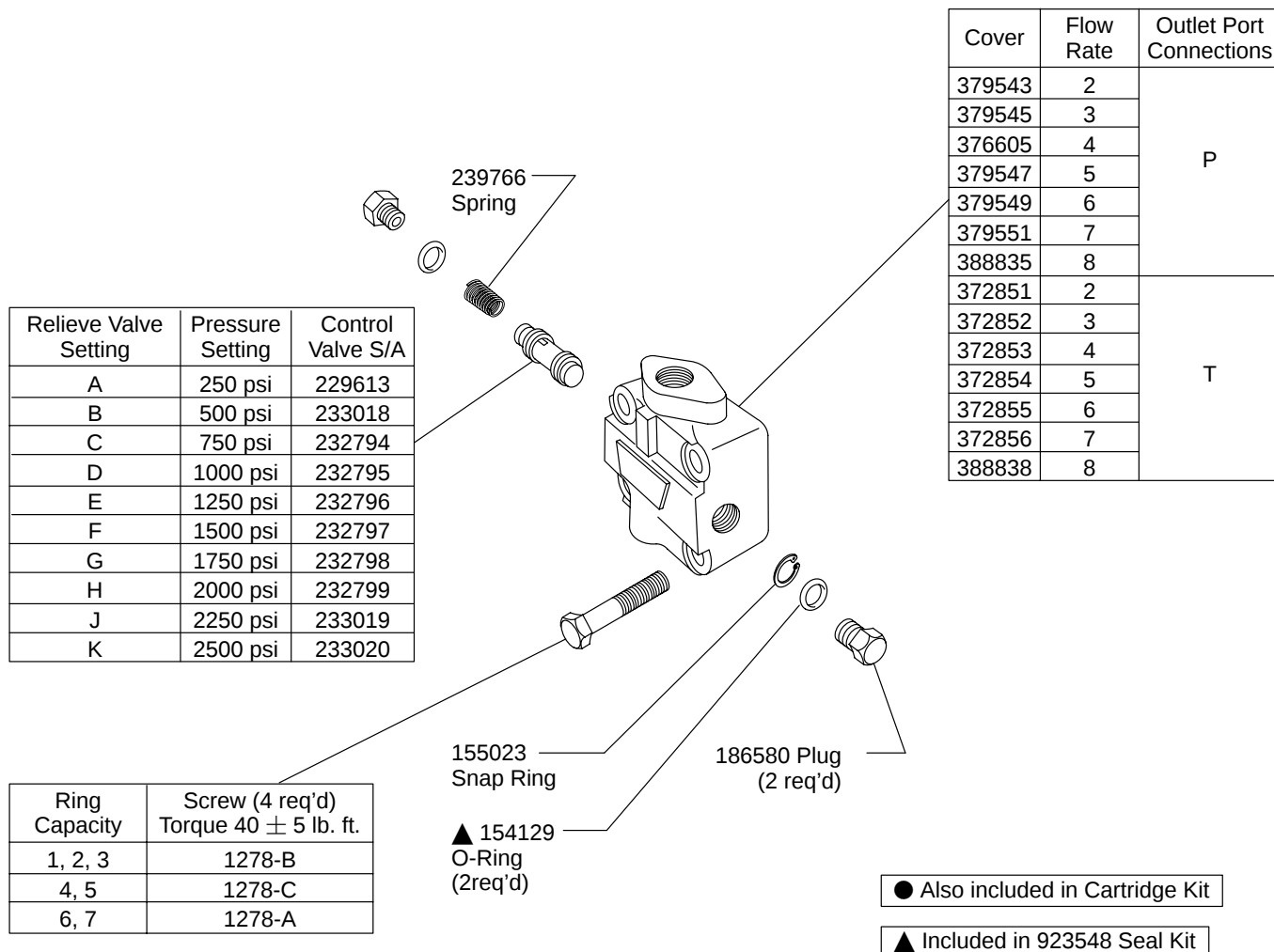
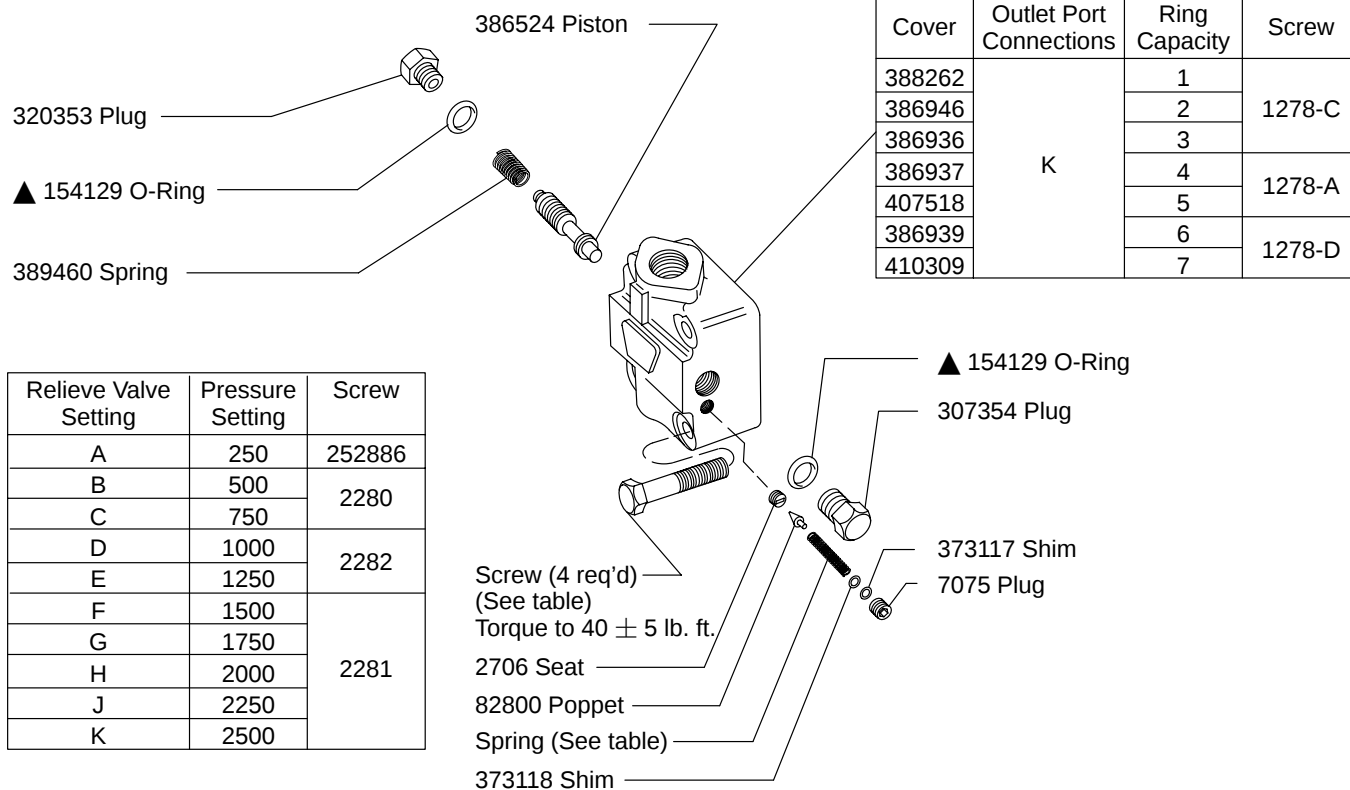


Service Parts Information

Transmission Supercharge Pumps

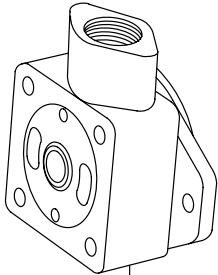
TA1515V-1**-3030-1*.-**-(C)****10L





Ring Capacity USgpm	Rotor	Vane Kit (12 Vanes)	Ring	Pin	Cart. Kit
3	317681	923499	317676	231042	—
4	417297	923500	317677	39640	923928
5			317678		
6	417212	923501	355641	16662	—
7			331813		923812

Std. Cover	Outlet Port Connections	Screw
372863	P	1278
372865	S	



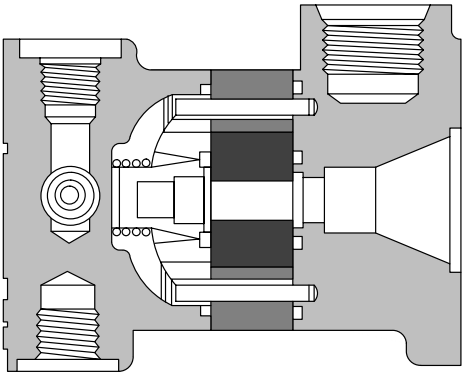
Inlet Port Connection	
Code	Body (V10)
Omitted(s)	395643
T	402652

Screw (See table)
Torque to 40 ± 5 lb. ft.

▲● 199822
O-Ring

345262
Spring
374343
Pressure Plate S/A

▲● 199823
O-Ring



Model Code

TA 1515 V - 1 L S - 3030 - 1 L - T 7 - C B 6 H Y 10 L

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

1 Transmission Pump

2 Double Pump Size

3 Co-existing Version

- V - Aux. V10
- VF - Aux. V10 with flow control valve cover
- VP - Aux. V10 with priority cover

4 Pump Shaft Extension

- 1 - Splined

5 Control Options

- L - Left hand
- B - Double pintles
- omit for right hand

6 Port Connection Double Piston Pumps

- S - .875 - 14 standard thread
- 1.0625 - 12 standard thread (std - omit)

7 Relief Valve Setting

- 4500 psi (std. omit)
- 3030 - 3000 psi

8 Supercharge Inlet

- 1 - left hand
- omit for right hand

9 Control Description

Right or left hand pintle location is determined by viewing pump from input shaft end with case drain positioned up.

10 Inlet Port Connection - Vane Pump

- P - 1" NPT
- T - 1.1875-12 standard thread
- Omitted - 1.3125-12 standard thread (stand. omit)

11 Ring Capacity @1200 rpm

- 1 - 1 USgpm
- 2 - 2 USgpm
- 3 - 3 USgpm
- 4 - 4 USgpm
- 5 - 5 USgpm
- 6 - 6 USgpm
- 7 - 7 USgpm

12 Vane Pump Inlet Position

- C - Inlet 180° opposite TA1515 case drain
- Omitted - Inlet inline with TA1515 case drain (std.)

13 Outlet Port Positions Vane Pump (Viewed from Cover End)

- A - Opposite inlet
- B - 90° C'clockwise from inlet
- C - Inline with inlet
- D - 90° Clockwise from inlet

14 Flow Rate thru Orifice in Cover

- 2 - 2 USgpm
- 3 - 3 USgpm
- 4 - 4 USgpm
- 5 - 5 USgpm
- 6 - 6 USgpm
- 7 - 7 USgpm
- 8 - 8 USgpm

15 Vane Pump Relief Valve Setting

- A - 250 psi
- B - 500 psi
- C - 750 psi
- D - 1000 psi
- E - 1250 psi
- F - 1500 psi
- G - 1750 psi
- H - 2000 psi
- J - 2250 psi
- K - 2500 psi

16 Outlet Port Connections (See table below)

17 Design

18 Rotation (Omit for right hand)

- L - Left hand

Outlet Port Connections						
Code	Standard Cover	Flow Control Cover		Priority Valve Cover		
		Pressure	Tank	Primary Outlet	Secondary Outlet	Tank Outlet
K				9/16-18 St. Thd. V10P V2010P	3/4-16 St. Thd. V10P V2010P	9/16-18 St. Thd. V10P V2010P
P	1/2-NPT V10 V2010					
	3/4-NPT V20 V2020	3/4-16 V20 V2010	1/2-NPT V10 V2010			
S	3/4-16 St. Thd. V10 V2010					
T		3/4-16 St. Thd. V10 V2010	3/4-16 St. Thd. V10 V2010			
Y	7/8-14 St. Thd. V10 V2010					

For satisfactory service life of these components, use full flow filtration to provide fluid which meets ISO cleanliness code 19/15 or cleaner. Selections from Eaton OFF, OFR and OFRS filter series are recommended.

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