

L-1785
Rev. C
06/98
PC5410

DATE CODES BEGINNING WITH THE LETTER "O".

MODEL NUMBER CODE

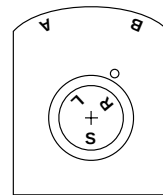
- | | | | | | | |
|---|-----------------|---|---|--|---|---|
| <p>1</p> <p>1. S = swing cylinder
2. T = threaded body
U = upper flange
L = lower flange</p> | <p>2</p> | <p>3</p> <p>3. R = right swing
L = left swing
S = straight swing</p> | <p>4</p> <p>4. S = single-acting
D = double-acting</p> | <p>5</p> <p>5. 2 = 2 kN force</p> | <p>6</p> <p>6. 1 = imperial body type
2 = metric body type</p> | <p>7</p> <p>7. V = Viton seal option</p> |
|---|-----------------|---|---|--|---|---|

NOTE: You may need special tools to reassemble these swing cylinders. Tool drawings are available on request from Enerpac. To obtain tool drawings, contact the Enerpac Technical Services Department at 1-800-433-2766. Please be prepared to provide the Model Number and the Manufacturing Date Code of each swing cylinder being serviced.

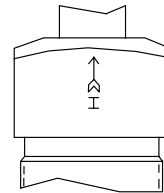
THREADED BODY MOUNTING STYLE

Setting Rotation Direction

- When inserting plunger into base, align desired letter to arrow head stamped on side of cylinder body.
R=right swing rotation
L=left swing rotation
S=straight (no rotation)
- Insert plunger with proper tools. You may have to turn the plunger as you insert it to properly align ball in groove.



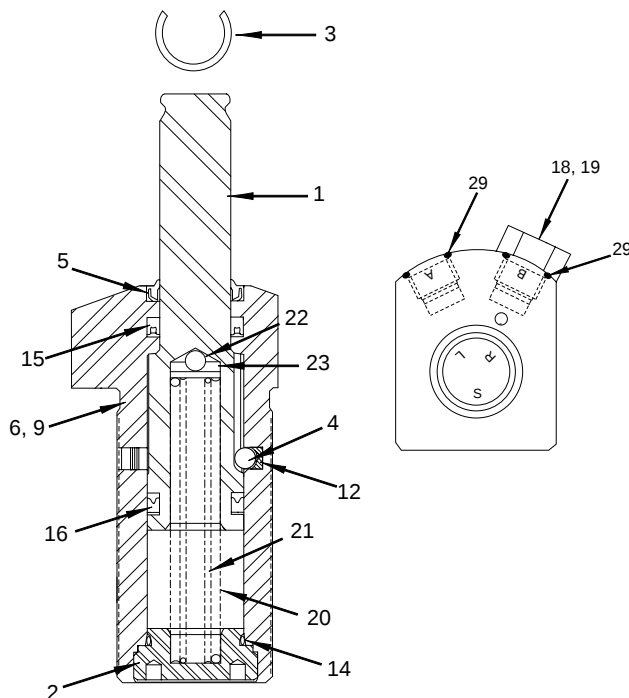
Top View



Front View

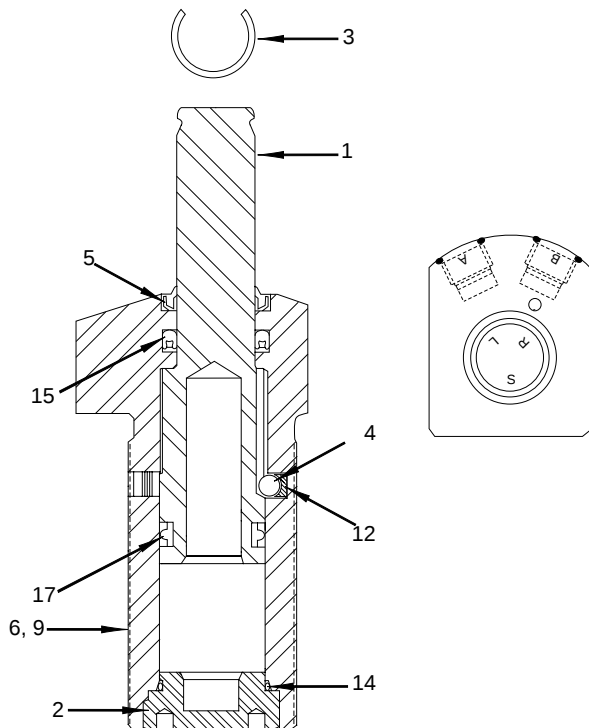
Single-Acting Models

- Lubricate all seals with Lubriplate prior to assembly.
- Lubricate ball and washer (items 18 & 19) with Lubriplate.
- Torque stop ring (item 2) to 8-15 ft-lbs (11-20 Nm).



Double-Acting Models

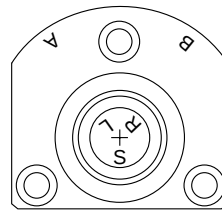
- Lubricate all seals with Lubriplate prior to assembly.
- Torque stop ring (item 2) to 8-15 ft-lbs (11-20 Nm).



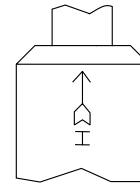
■ LOWER FLANGE MOUNTING STYLE

■ Setting Rotation Direction

1. When inserting plunger into base, align desired letter to arrow head stamped on side of cylinder body.
R=right swing rotation
L=left swing rotation
S=straight (no rotation)
2. Insert plunger with proper tools. You may have to turn the plunger as you insert it to properly align ball in groove.



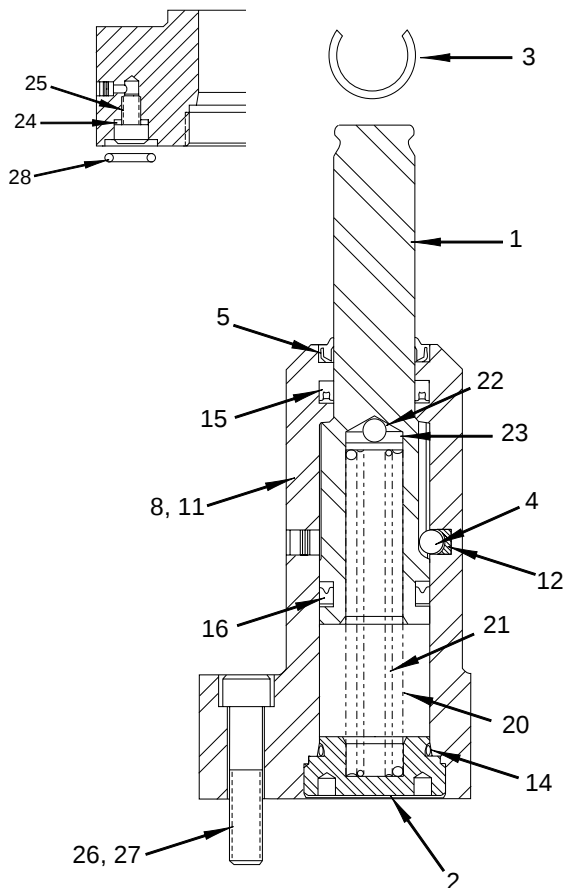
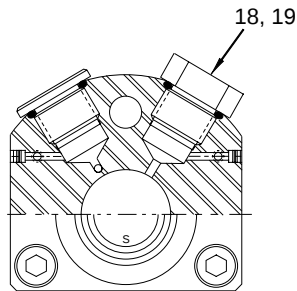
Top View



Front View

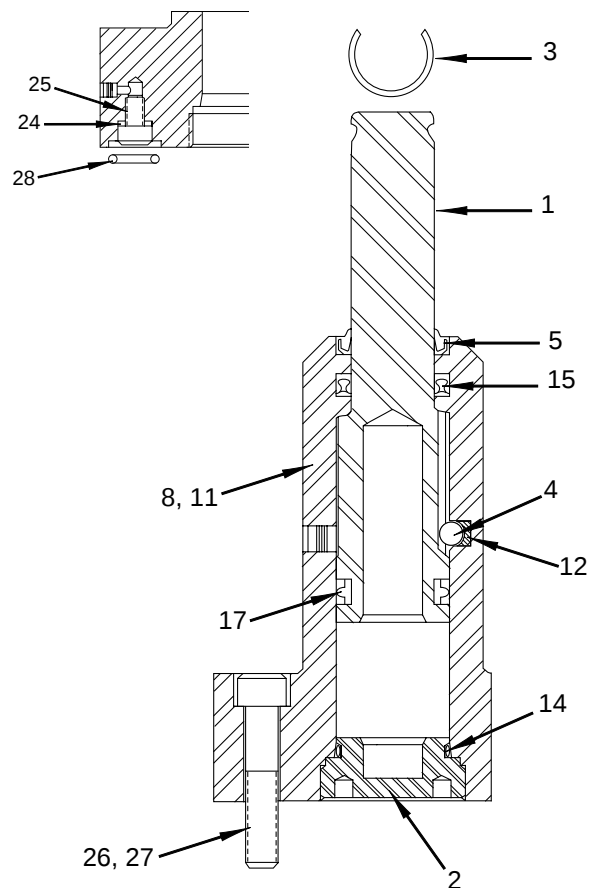
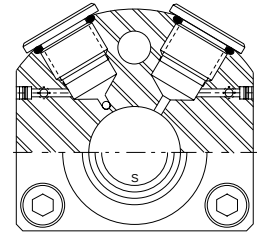
■ Single-Acting Models

1. Lubricate all seals with Lubriplate prior to assembly.
2. Lubricate ball and washer (items 18 & 19) with Lubriplate.
3. Torque stop ring (item 2) to 8-15 ft-lbs (11-20 Nm).



■ Double-Acting Models

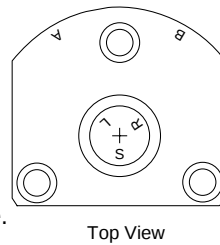
1. Lubricate all seals with Lubriplate prior to assembly.
2. Torque stop ring (item 2) to 8-15 ft-lbs (11-20 Nm).



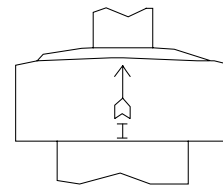
■ UPPER FLANGE MOUNTING STYLE

■ Setting Rotation Direction

1. When inserting plunger into base, align desired letter to arrow head stamped on side of cylinder body.
R=right swing rotation
L=left swing rotation
S=straight (no rotation)
2. Insert plunger with proper tools. You may have to turn the plunger as you insert it to properly align ball in groove.



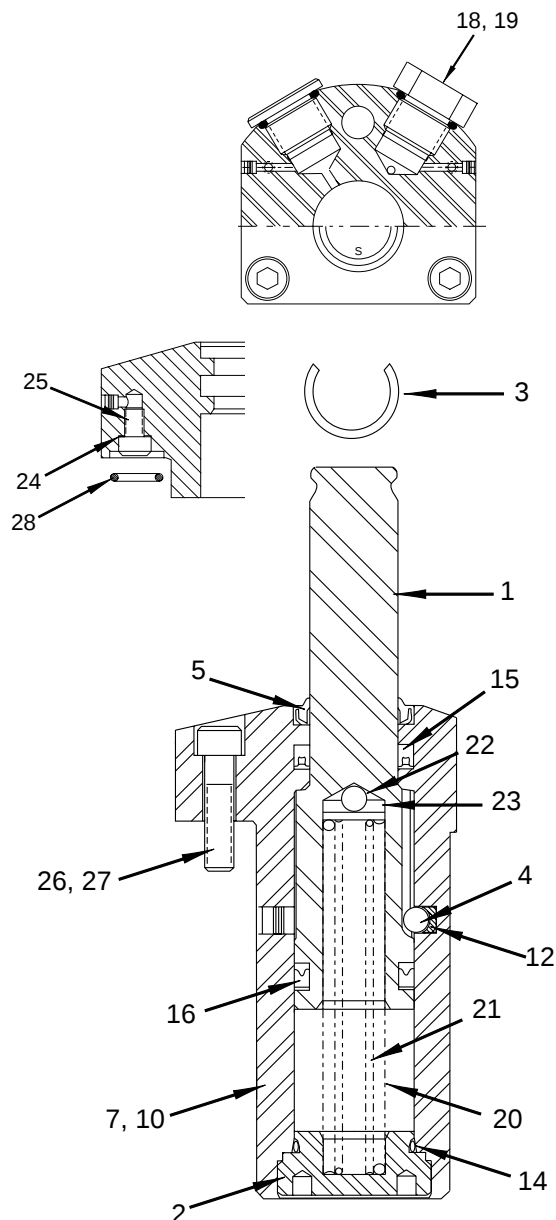
Top View



Front View

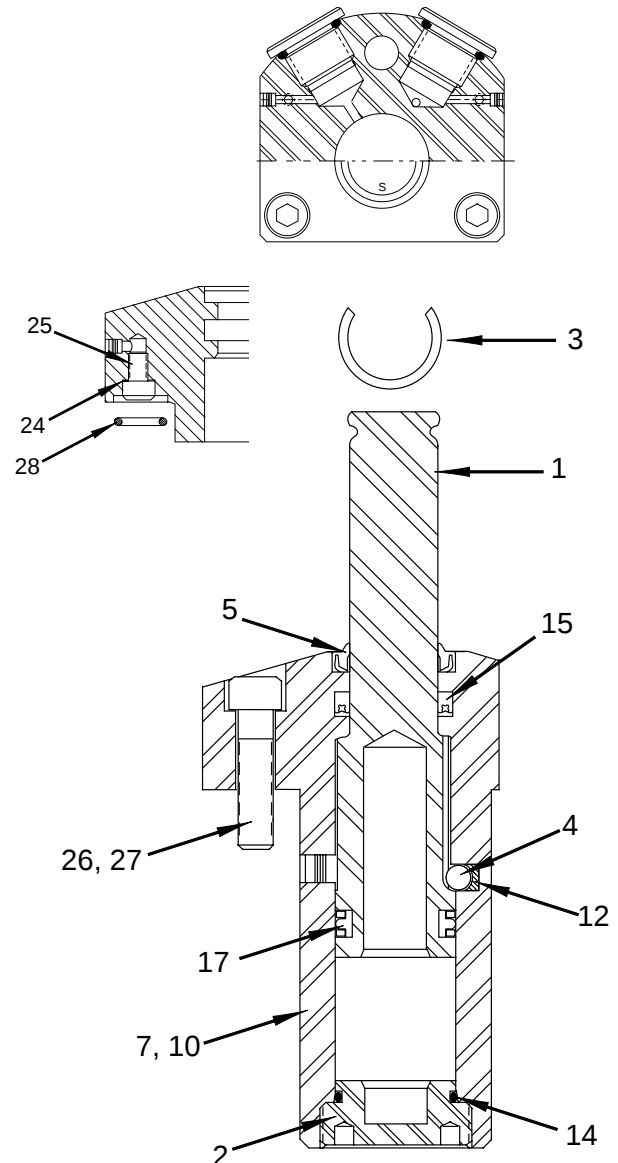
■ Single-Acting Models

1. Lubricate all seals with Lubriplate prior to assembly.
2. Lubricate ball and washer (items 18 & 19) with Lubriplate.
3. Torque stop ring (item 2) to 8-15 ft-lbs (11-20 Nm).



■ Double-Acting Models

1. Lubricate all seals with Lubriplate prior to assembly.
2. Torque stop ring (item 2) to 8-15 ft-lbs (11-20 Nm).



REPAIR PARTS LIST FOR 2 KN SWING CYLINDERS

Item No.	Standard Part Number	Viton Part Number	Quantity	Description
1	PA1233040	PA1233040	1	Plunger
2	PA1251044	PA1251044	1	Stop Ring
3	★ PA1156049	† PA1156049	1	Retaining Ring
4	★ F100016-4	† F100016-4	1	Ball
5	★ PA1132776	† PA1796776	1	Wiper
6	PA1237005SR	PA1237005SR	1	Base-Threaded (imperial)
7	PA1238005SR	PA1238005SR	1	Base-Upper Flange (imperial)
8	PA1239005SR	PA1239005SR	1	Base-Lower Flange (imperial)
9	PA1245005SR	PA1235005SR	1	Base-Threaded (metric)
10	PA1246005SR	PA1246005SR	1	Base-Upper Flange (metric)
11	PA1247005SR	PA1247005SR	1	Base-Lower Flange (metric)
12	★ PA1398054	† PA1398054	1	Ball Cup
14	★ B1013803	† B1013203	1	O-Ring
15	★ PA1148041	† PA1152041	1	U-Cup
16	★ PA1140041	† PA1144041	1	U-Cup (s/a)
17	★ PA1996513	† PA2125515	1	T-Seal (dbl/a), T-Seal, Viton
18	PA1227950SR	PA1227950SR	1	Vent Plug (imperial) (single-acting)
19	PA1267950SR	PA1267950SR	1	Vent Plug (metric) (single-acting)
20	★ PA1406110	† PA1406110	1	Spring (s/a)
21	★ PA1407110	† PA1407110	1	Spring (s/a)
22	★ F100016-4	† F100016-4	1	Ball (s/a)
23	★ PA1200108	† PA1200108	1	Washer (s/a)
24	★ PA1286167	† PA1286167	2	Gasket
25	CCA311028-1A	CCA311028-1A	2	Plug Bolt
26	B1332028	B1332028	3	Bolt (imperial)
27	CCA525028-1A	CCA525028-1A	3	Bolt (metric)
28	★ B1010803	† B1010203	2	O-Ring
29	★ B1007503	† B1005503	2	O-Ring
★ Items included in and available only as part of Repair Kit SS21K (single-acting) or SD21K (double-acting). † Items included in and available only as part of Repair Kit SS21KV (single-acting) or SD21KV (double-acting).				

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