

L1787
REV C
11/23
PC5410

DATE CODES BEGINNING WITH THE LETTER "O".

MODEL NUMBER CODE

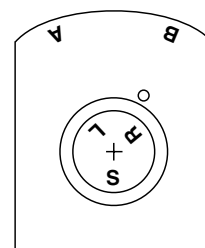
- | | | | | | | | |
|-----------------------|----------------------|--|----------------------|--------------------|---------------------|---------------------------|--------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1. S = swing cylinder | 2. T = threaded body | 3. R = right swing
L = left swing
S = straight swing | 4. D = double-acting | 5. L = long stroke | 6. 12 = 12 kN force | 7. 1 = imperial body type | 8. V = Viton seal option |
| U = upper flange | L = lower flange | | | | | | |

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.

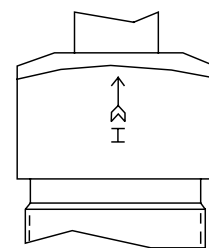
THREADED BODY MOUNTING STYLE

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.



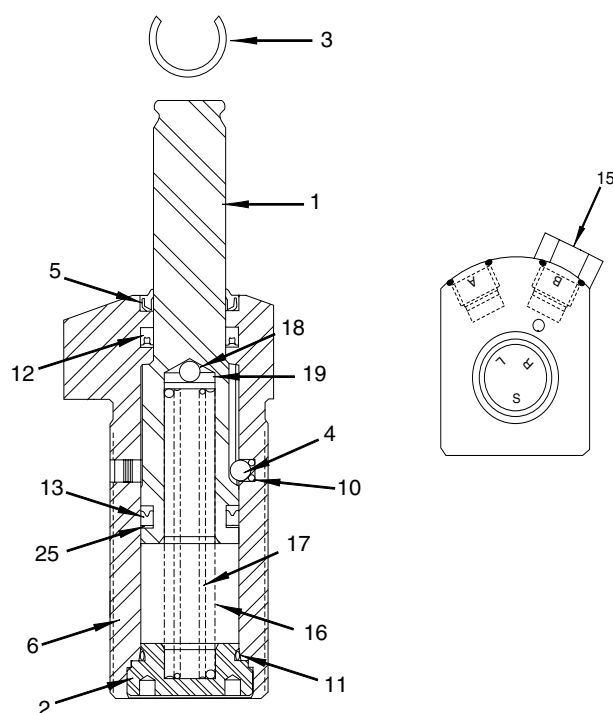
Top View



Front View

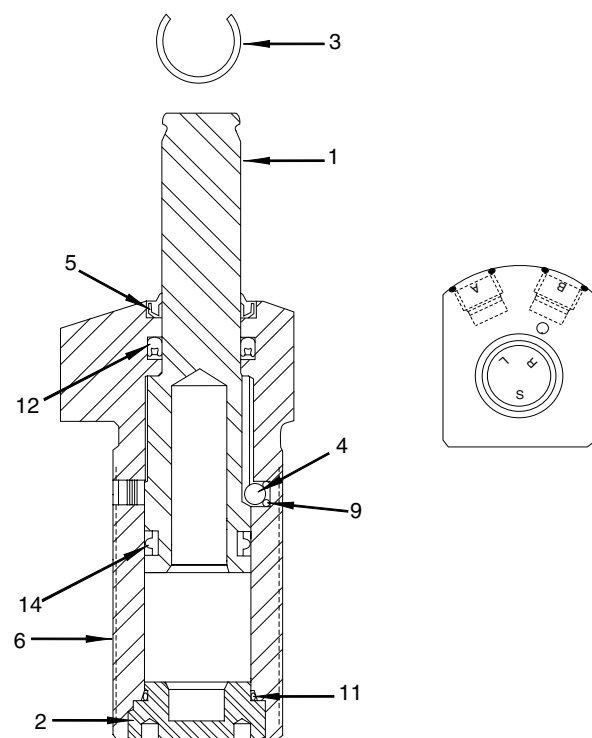
Single-Acting Models

- 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

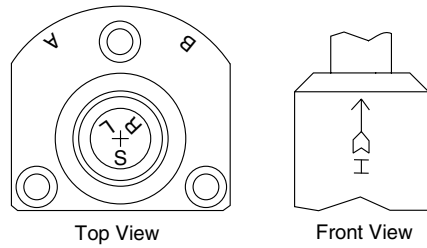
- Lubricate all seals with Lubriplate prior to assembly.
- Torque stop ring (item 2) to 8-15 ft-lbs (11-20 Nm).



LOWER FLANGE MOUNTING STYLE

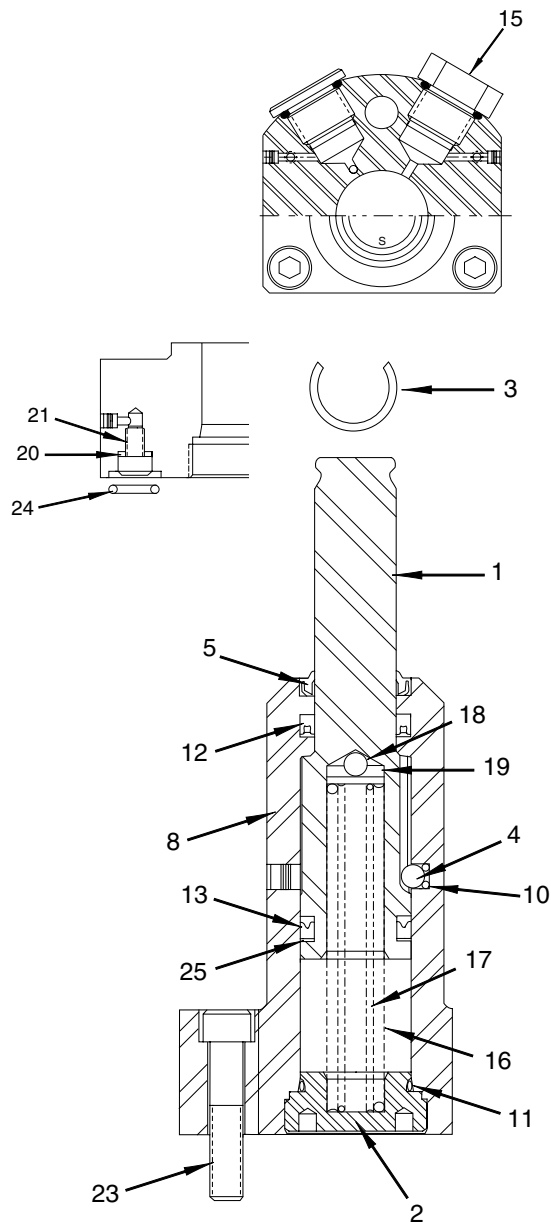
Setting Rotation Direction

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.



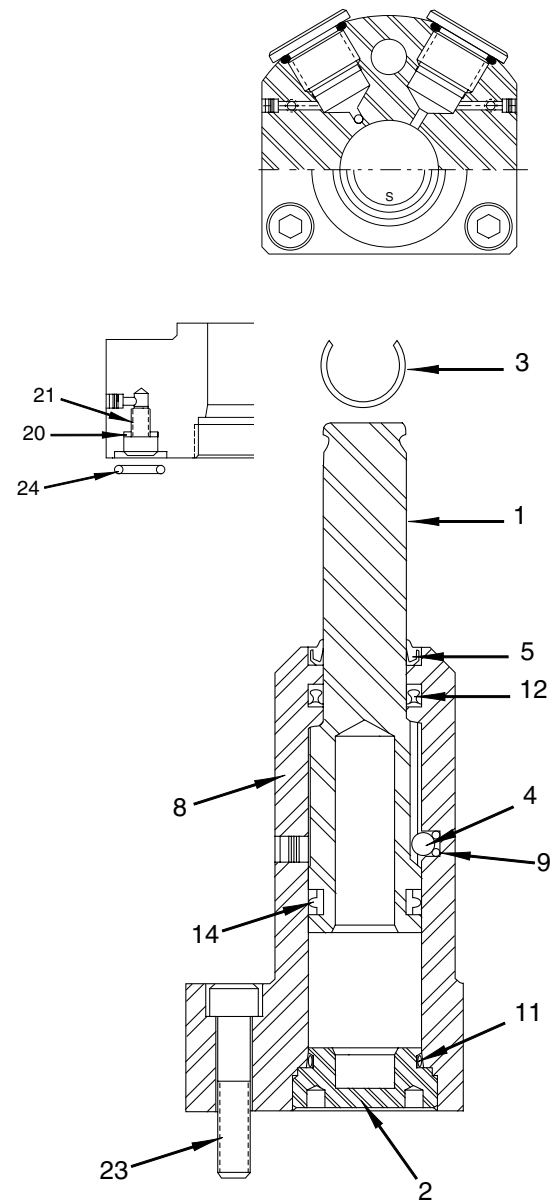
Single-Acting Models

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

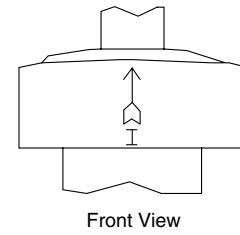
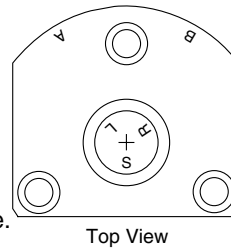
1. Lubricate all seals with Lubriplate prior to assembly.
2. Torque stop ring (item 2) to 8-15 ft-lbs (11-20 Nm).



UPPER FLANGE MOUNTING STYLE

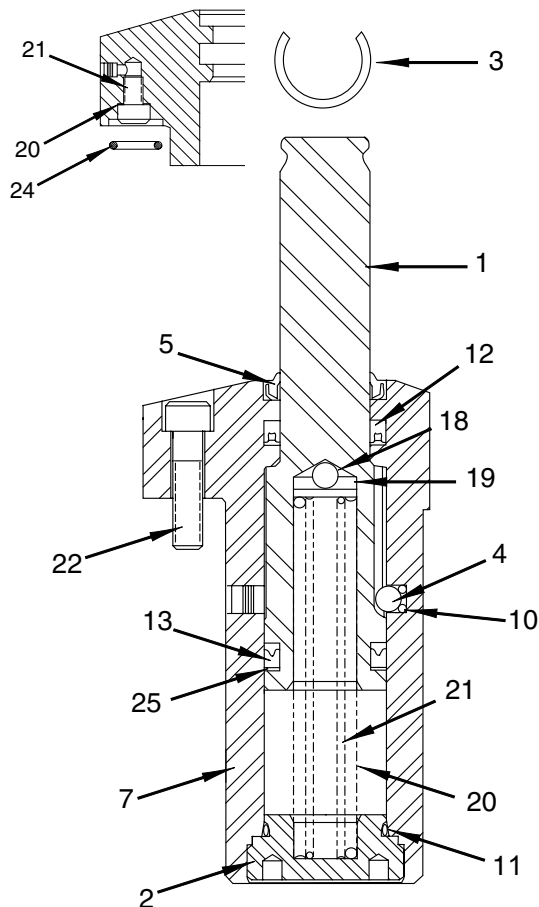
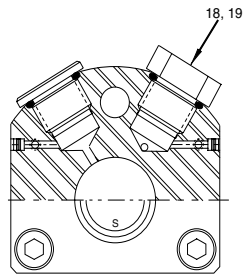
Setting Rotation Direction

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.



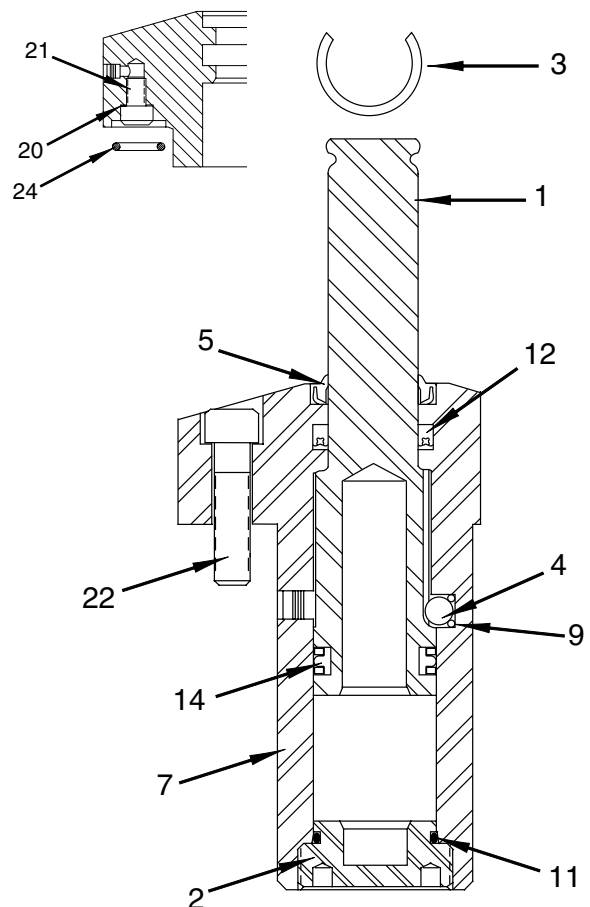
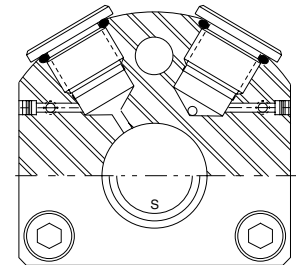
Single-Acting Models

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 12 kN SWING CYLINDERS

Item No.	Standard Part Number	Viton Part Number	Quantity	Description
1	PA1065040	PA1065040	1	Plunger
2	PA1066044	PA1066044	1	Stop Ring
3	★ PA1112049	* PA112049	1	Retaining Ring
4	★ B1007016	* B1007016	1	Ball
5	★ DA12141776	* DA12146776	1	Wiper
6	not serviceable	not serviceable	1	Base--Threaded Body
7	not serviceable	not serviceable	1	Base--Upper Flange
8	not serviceable	not serviceable	1	Base--Lower Flange
9	★ B1006803	* B1006203	1	O-Ring (double-acting)
10	★ B1001503	* B1006203	1	O-Ring (single-acting)
11	★ B1025803	* B1025203	1	O-Ring
12	★ PA1105041	* PA1105041	1	U-Cup
13	★ PA1104041	* PA1104041	1	U-Cup--Single-Acting
14	★ B1214513	* B1214515	1	GT-Ring--Double-Acting
15	PA1103950SR	PA1103950SR	1	Vent Plug--Single-Acting
16	★ PA1109110	* PA1109110	1	Spring--Single-Acting
17	★ PA1108110	* PA1108110	1	Spring--Single-Acting
18	★ B1007016	* B1007016	1	Ball--Single-Acting
19	★ PA1107108	* PA1107108	1	Washer--Single-Acting
20	★ PA1303167	* PA1303167	2	Gasket
21	CCA411028-1A	CCA411028-1A	2	Bolt
22	B1352028	B1352028	3	Bolt--Upper Flange
23	B1354028	B1354028	3	Bolt--Lower Flange
24	★ B1011803	* B1011203	2	O-Ring
25	★ B1214564	* B1214564	1	Washer
★Items included in and available only as part of Repair Kit SS121K (Single-Acting) or SD121K (Double-Acting). *Items included in and available only as part of Repair Kit SS121KV (Single-Acting) or SD121KV (Double-Acting).				