

L-1785
Rev. C
06/98
PC5410

DATE CODES BEGINNING WITH THE LETTER "O".

MODEL NUMBER CODE

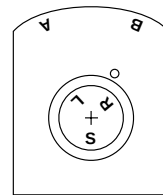
- | | | | | | | |
|---|-----------------|---|---|--|---|---|
| <p>1</p> <p>1. S = swing cylinder
2. T = threaded body
U = upper flange
L = lower flange</p> | <p>2</p> | <p>3</p> <p>3. R = right swing
L = left swing
S = straight swing</p> | <p>4</p> <p>4. S = single-acting
D = double-acting</p> | <p>5</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.

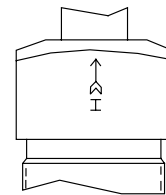
THREADED BODY MOUNTING STYLE

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.



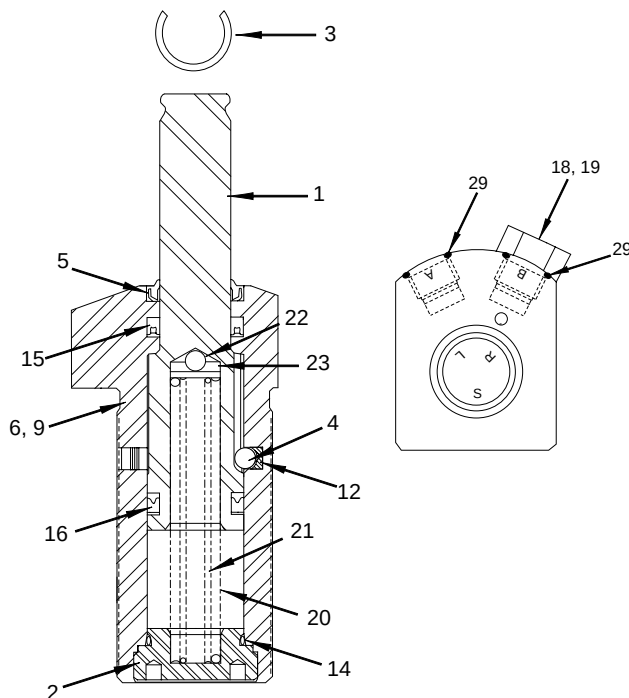
Top View



Front View

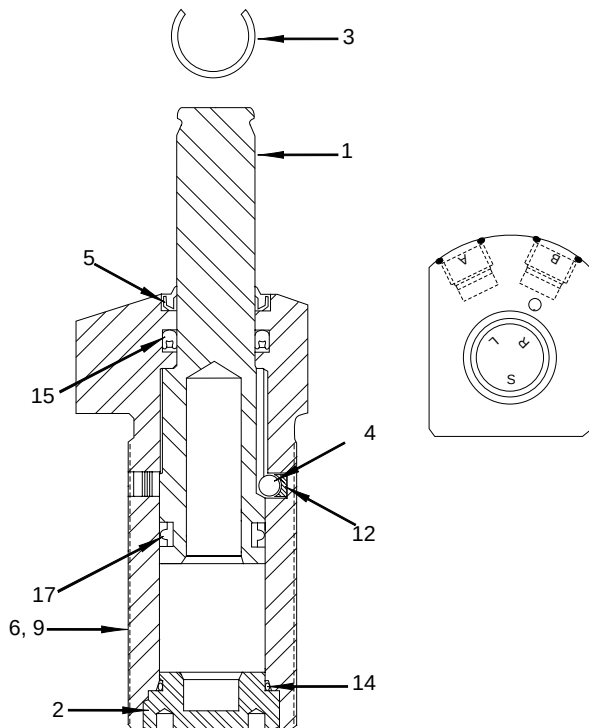
Single-Acting Models

- 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

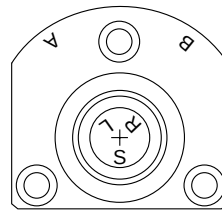
- Lubricate all seals with Lubriplate prior to assembly.
- Torque stop ring (item 2) to 8-15 ft-lbs (11-20 Nm).



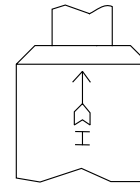
■ LOWER FLANGE MOUNTING STYLE

■ 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.



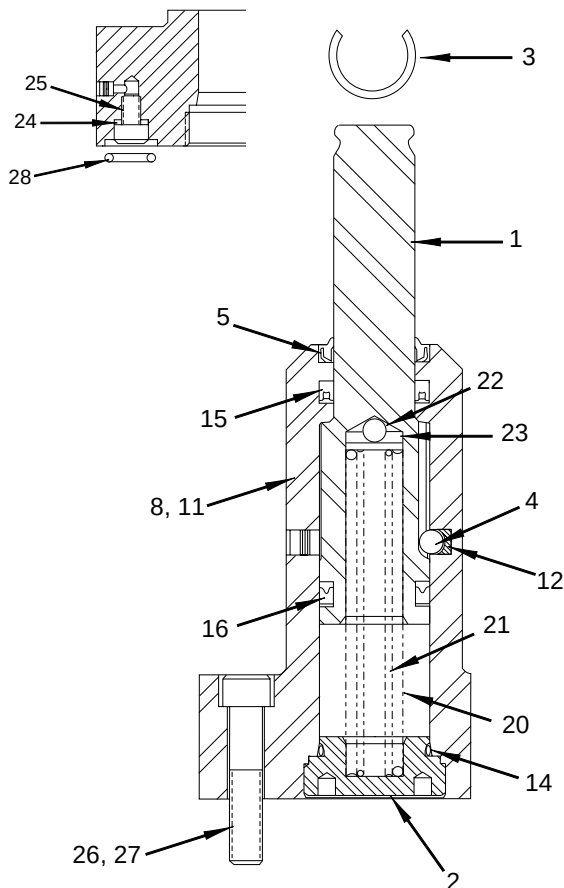
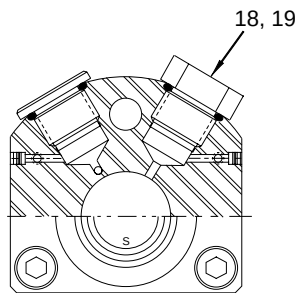
Top View



Front View

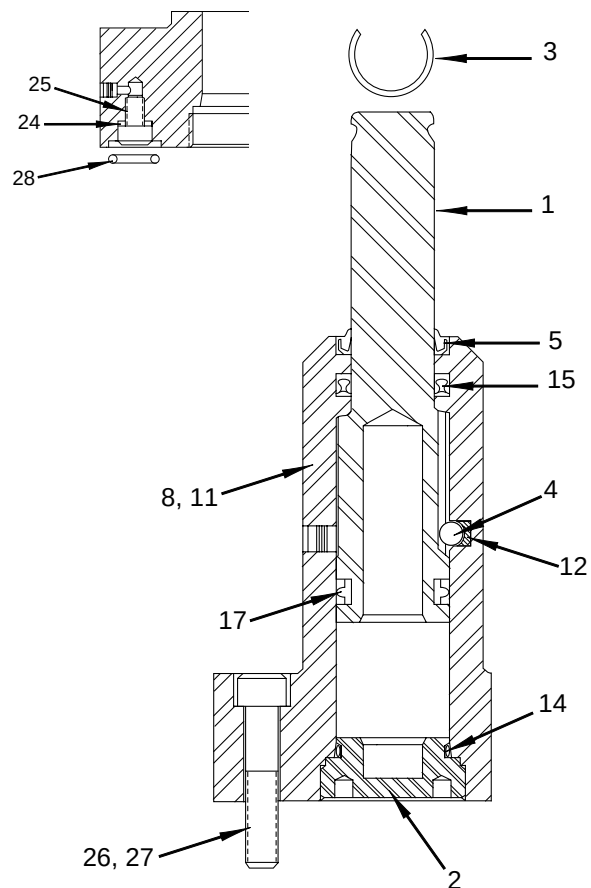
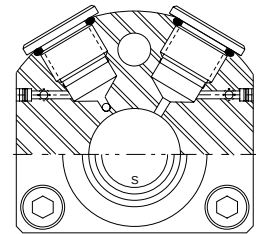
■ Single-Acting Models

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

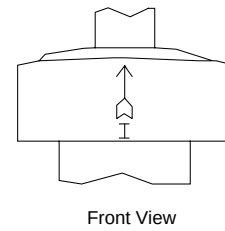
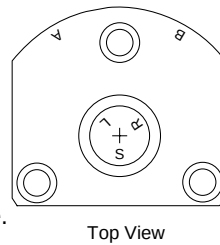
1. Lubricate all seals with Lubriplate prior to assembly.
2. Torque stop ring (item 2) to 8-15 ft-lbs (11-20 Nm).



UPPER FLANGE MOUNTING STYLE

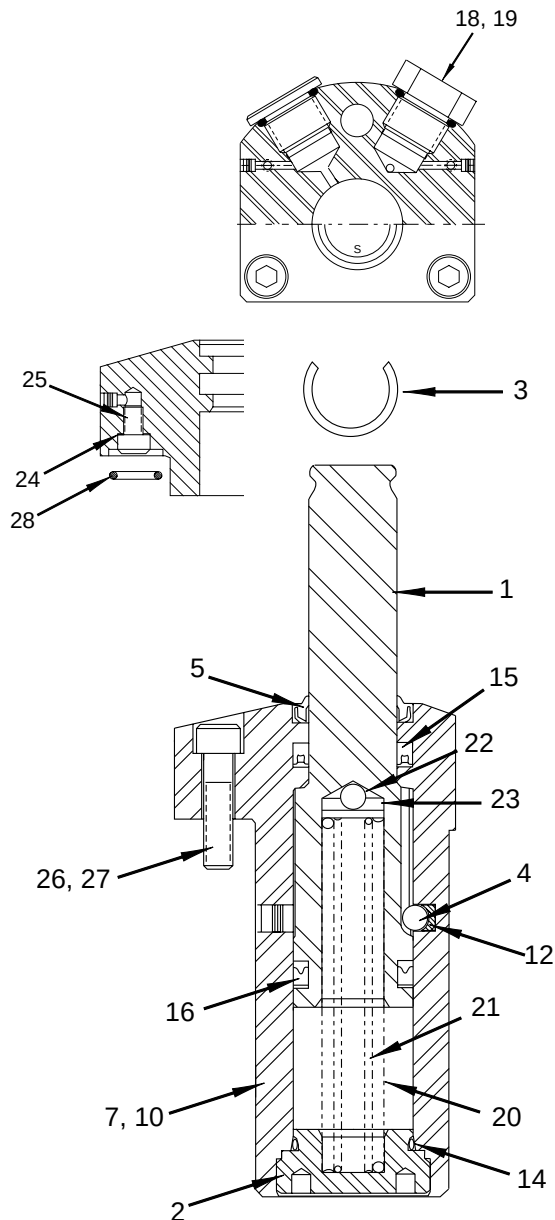
Setting Rotation Direction

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.



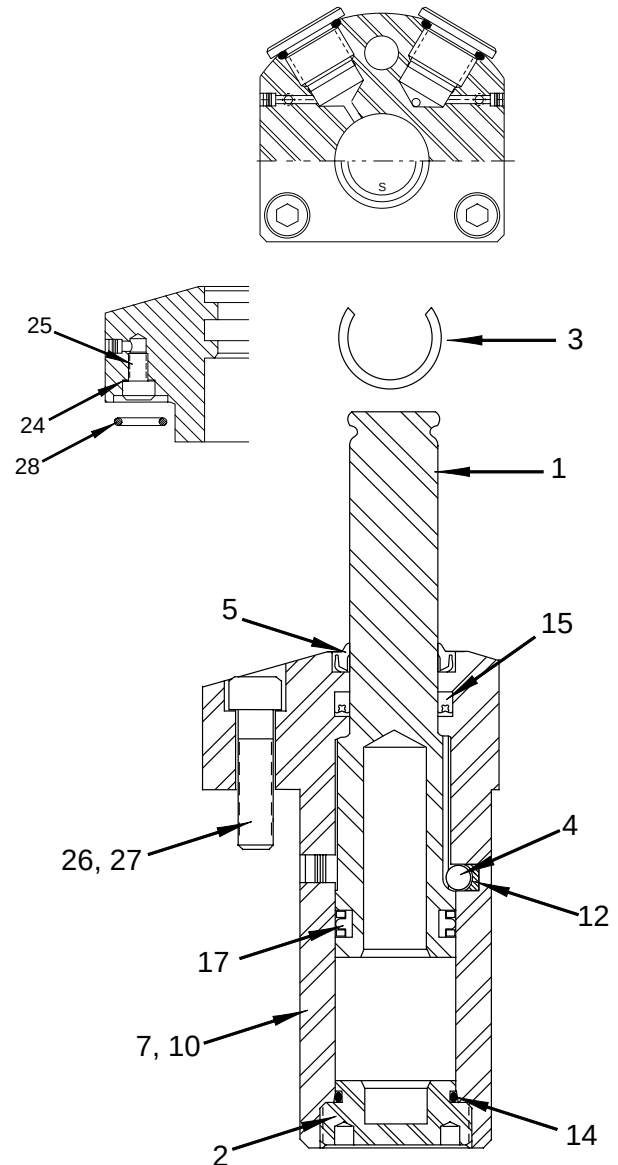
Single-Acting Models

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).				

Australia

ENERPAC
Applied Power Australia, Ltd.
P.O. Box 261 Regents Park
Sydney, N.S.W. 2143
Tel: (61) (2) 9743 8988
Fax: (61) (2) 9743 8648

CIS

Applied Power Moscow
Leninsky Prospekt 95A
117313 Moscow, Russia
Tel: (7)(95) 936 5090
Fax: (7)(95) 936 2006

France, Switzerland, Turkey, Greece, Africa, Middle East

ENERPAC S.A.
Parc d'Activité du Moulin
de Massy
1 rue du Saule trapu, BP200
F-91882 Massy CEDEX
(Paris) France
Tel: (33) 1 60 13 68 68
Fax: (33) 1 69 20 37 50

Germany, Scandinavia, Eastern Europe, Austria, Switzerland

ENERPAC
Applied Power GmbH
P.O. Box 30 01 13
Mündelheimer Weg 51
40401 Düsseldorf 30
Germany
Tel: (49) (211) 47 14 90
Fax: (49) (211) 4714 928/940

Holland, Belgium, and Luxemburg

ENERPAC B.V.
P.O. Box 269, Storkstraat 25
3900AG Veenendaal
Holland
Tel: (31) (318) 535911
Fax: (31) (318) 525613/526645

Hong Kong

ENERPAC
Room No. 907, Workingberg
Commercial Building
41-47 Marble Road, North Point
Tel: (852) 561-6295
Fax: (852) 561-6772

India

ENERPAC
Hydraulics (India) Pvt Ltd.
203 Vardhaman Chamber
Plot #84, Sector 17
Vashi, New Bombay 400 705
India
Tel: 91-22-7631062
Fax: 91-22-7670309

Italy

ENERPAC
Applied Power Italiana S.p.A.
Via Canova, 4
20094 Corsico (Milano)
Italy
Tel: 39 2 45 82 741/2/3
Fax: 39 2 48 60 12 88

Japan

Applied Power Japan LTD
10-17 Sasame Kita-cho
Toda-City
Saitama 335,
Japan
Tel: 81 048 422 2251
Telex: J26275
Fax: 81 048 422 0596

Mexico

ENERPAC
Applied Power Mexico S.A. de C.V.
Av. Principal La Paz #100
Fracc. Industrial La Paz
42084 Pachuca, Hidalgo, Mexico
Tel: (52) 771 33700
Fax: (52) 771 83800

Singapore

Applied Power Asia Pte Ltd.
47 Jalan Pemimpin #01-02
01-03 Sin Cheong Building
Singapore 2057
Thomson Road P.O. Box 114
Singapore 9157
Tel: (65) 258 1677
Fax: (65) 258 2847

South Korea

ENERPAC
Applied Power Korea Ltd.
163-12, Dodang-Dong
Wonmi-gu, Buchun-Shi,
Kyunggi-Do
Korea
Tel: (82) (32) 675 0836
Fax: (82) (32) 675 3002

Spain, Portugal

ENERPAC
Applied Power International, S.A.
Calle de la Imprenta, 7
Polígono Industrial
28100 Alcobendas (Madrid)
Spain
Tel: (34) 1 661 11 25
Fax: (34) 1 661 47 89

United Kingdom, Ireland

ENERPAC Ltd. Unit 3
Colemeadow Road
North Moons Moat
Redditch, Worcester B98 9BP
England
Tel: 44 01527 598 900
Fax: 44 01527 585 500

United States, Canada, Latin America and Caribbean

ENERPAC
13000 West Silver Spring Drive
Butler, Wisconsin 53007, USA
Tel: (414) 781-6600
1-800-433-2766 (End User)
1-800-558-0530 (Distributor)
Fax: (414) 781-1049

Canada

Tel: 1-800-426-4129 (End User)
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Latin America and Caribbean
Tel: (414) 781-6600 ext. 263
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