

L-2003
Rev. O
03/96
PC5412

DATE CODES BEGINNING WITH THE LETTER "O".

MODEL NUMBER CODE

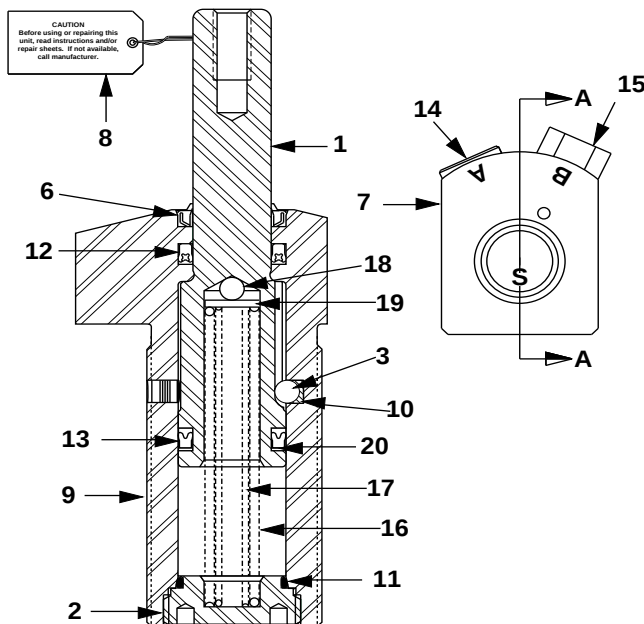
- | | | | | | | |
|----------------------|-------------------------|--------------------------|----------|----------|----------|----------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1. P = Pull cylinder | 3. S = Straight retract | 6. 1 = Imperial | | | | |
| 2. T = Threaded body | 4. S = Single-acting | 2 = Metric | | | | |
| U = Upper flange | D = Double-acting | 7. V = Viton seal option | | | | |
| L = Lower flange | 5. 2 = 2 kN force | | | | | |

NOTE: You may need special tools to reassemble these pull 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

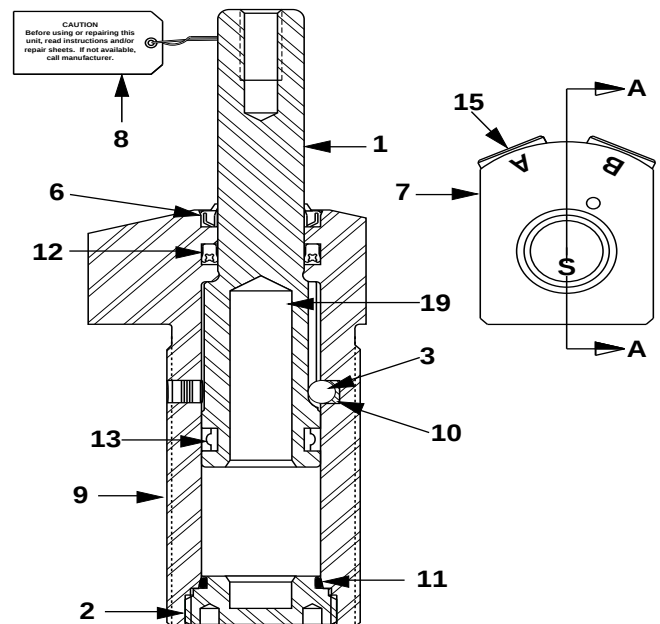
Single-Acting Models

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

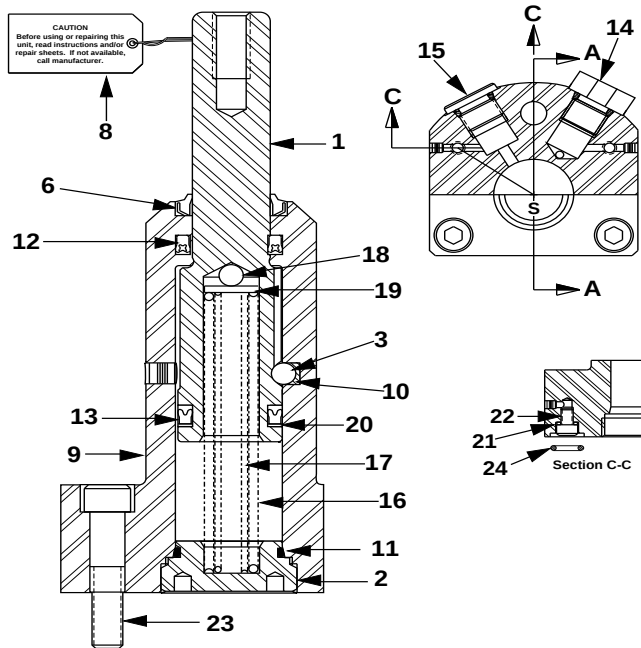
1. Lubricate all seals with Lubriplate prior to assembly.
2. Torque stop ring (item 2) to 8-15 ft-lbs (11-20 Nm).



LOWER FLANGE MOUNTING STYLE

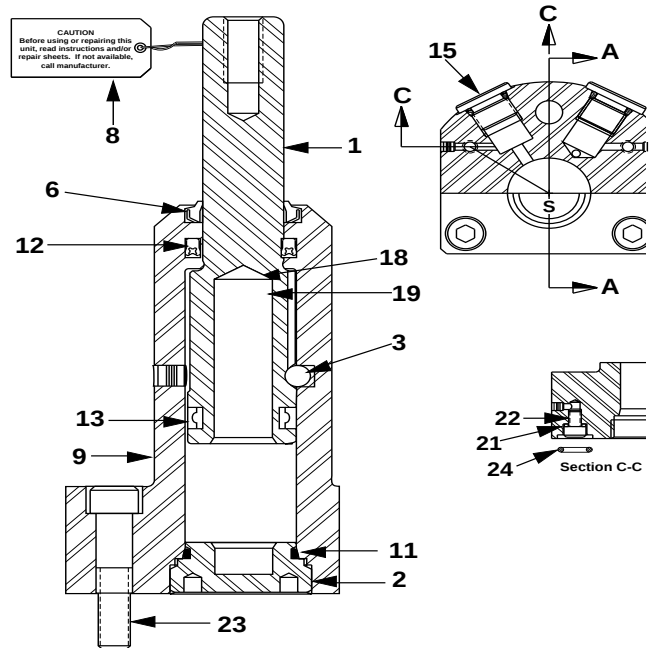
Single-Acting Models

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

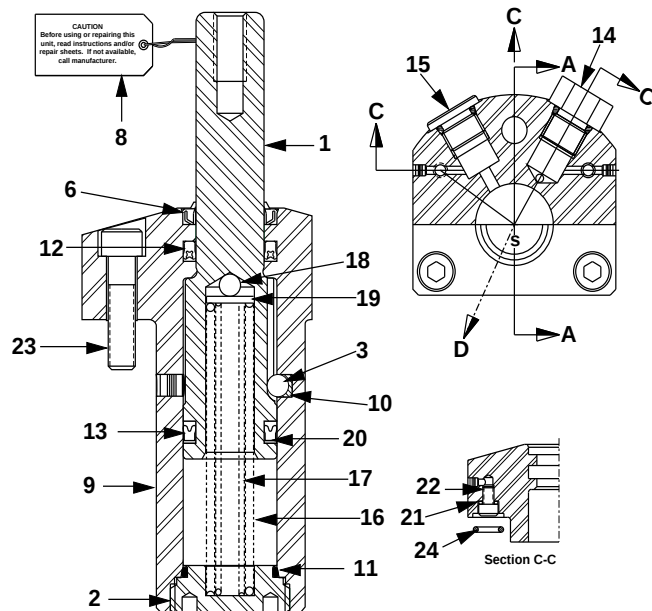
1. Lubricate all seals with Lubriplate prior to assembly.
2. Torque stop ring (item 2) to 8-15 ft-lbs (11-20 Nm).



UPPER FLANGE MOUNTING STYLE

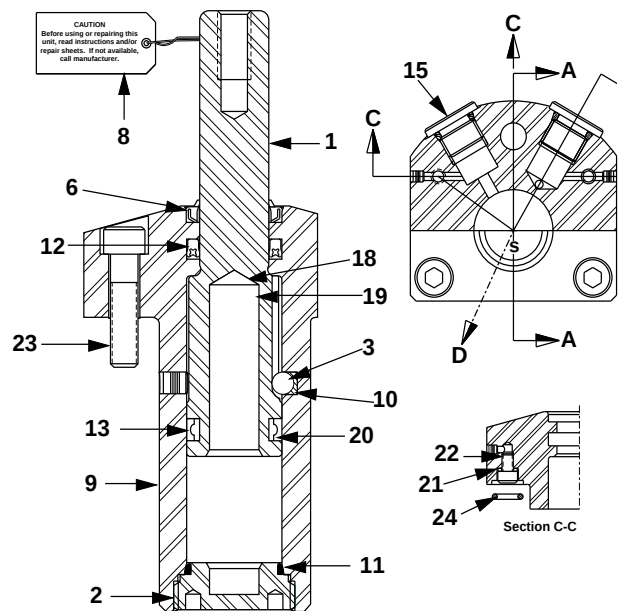
Single-Acting Models

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 PULL CYLINDERS				
Item No.	Standard Part Number	Viton Part Number	Quantity	Description
1	DA6976040	DA6976040	1	Plunger--Imperial
	DA12206040	DA12206040	1	Plunger--Metric
2	PA1251044	PA1251044	1	Stop Ring
3	★ F100016-4	* F100016-4	1	Steel Ball
6	★ PA1132776	* PA1796776	1	Wiper
7	F100026-50	F100026-50	1	PA Label
8	DA5953326	DA5953326	1	Caution Tag
9	PA1237005SR	PA1237005SR	1	Base--Threaded Body (Imperial)
	PA1245005SR	PA1245005SR	1	Base--Threaded Body (Metric)
	PA1239005SR	PA1239005SR	1	Base--Lower Flange (Imperial)
	PA1247005SR	PA1247005SR	1	Base--Lower Flange (Metric)
	PA1238005SR	PA1238005SR	1	Base--Upper Flange (Imperial)
	PA1246005SR	PA1246005SR	1	Base--Upper Flange (Metric)
10	★ PA1398054	* PA1398054	1	Ball Cup
11	★ B1013803	* B1013203	1	O-Ring
12	★ PA1148041	* PA1152041	1	U-Cup
13	★ PA1140041	* PA1144041	1	U-Cup--Single-Acting
	★ PA1258513	* PA1259515	1	GT Ring--Double-Acting
14	PA1227950SR	PA1227950SR	1	Vent Plug--Imperial
	PA1267950SR	PA1267950SR	1	Vent Plug--Metric
15	B1001006	B1001006V	1	SAE Plug--Imperial (Single-Acting)
	B1001006	B1001006V	2	SAE Plug--Imperial (Double-Acting)
	CS236006	F100006	1	BSPP Plug--Metric (Single-Acting)
	CS236006	F100006	2	BSPP Plug--Metric (Double-Acting)
16	★ PA1406110	* PA1406110	1	Spring--Single-Acting Only
17	★ PA1407110	* PA1407110	1	Spring--Single-Acting Only
18	★ F100016-4	* F100016-4	1	Ball--Single-Acting Only
19	★ PA1200108	* PA1200108	1	Washer--Single-Acting Only
21	★ PA1286167	* PA1286167	2	Gasket
22	CCA311028-1A	CCA311028-1A	2	Socket Head Cap Screw
23	B1332028	B1332028	3	Bolt--Imperial
	CCA525028-1A	CCA525028-1A	3	Bolt--Metric
24	★ B1010803	* B1010203	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
Block V, Unit 3
Regents Park Estate
391 Park Road
Regents Park NSW 2143
Tel: (61) (2) 743-8988
Fax: (61) (2) 743-8648

Canada

Enerpac
13000 West Silver Spring Drive
Butler, Wisconsin 53007, USA
Tel: (800) 426-4129 User
Tel: (800) 426-2284 Distributor
Fax: (414) 781-1049

**Eastern Europe and
Other European
Countries,
Middle East and Africa**

Enerpac
47, avenue Blanc
P.O. Box 67, CH-1211
Geneva 21, Switzerland
Tel: (41) 22-731 94 05
Telex: 22-41 2843
Fax: (41) 22-731 12 15

Far East

Enerpac
47 Jalan Pemimpin
#01-02 & 01-03
Sin Cheong Building
Singapore 2057
Thomson Road P.O. Box 114
Singapore 9157
Tel: (65) 2581677
Telex: RS24882 APOWR
Fax: (65) 2582847

France

Enerpac
B.P. 200
Parc d'Activités du Moulin
de Massy
91882 Massy Cedex, France
Tel: (33) 1-69 20 70 70
Telex: 600 951
Fax: (33) 1-69 20 37 50

Germany

Enerpac
Mündelheimer Weg 51
P.O. Box 300 113
D-4000 Düsseldorf 30
Tel: (49) (221) 41707-0
Telex: 8582790
Fax: (49) (211) 4170740

Italy

Enerpac
Via Canova, 4
20094 Corsico
Milano, Italy
Tel: 39-2-4582741
Telex: 352337
Fax: 39-2-48601288

Japan

Enerpac
10-17 Sasame
Kita-cho, Toda-Shi
Saitama 335,
Japan
Tel: 81-0484-22-2251
(Administration Dept.)
0484-21-2311 (Sales Dept.)
Telex: J26275
Fax: 82-0484-22-0596

**Latin America
and Caribbean**

Enerpac
13000 West Silver Spring Drive
Butler, Wisconsin 53007
Tel: (414) 781-6600 ext. 263
Fax: (414) 781-5561

Mexico

Enerpac
Blvd. Gral. Felipe Angeles 1604
P.O. Box 362
Pachuca. Hidalgo 42080
Mexico
Tel: (52) 771 3-3700 or
Telex: 17 55 15
Fax: (52) 771 3-1196 or
(52) 771 8-3800

**Netherlands,
Belgium, Luxemburg**

Enerpac
Storkstraat 25/P.O. Box 269
NL-3900 AG Veenendaal
Holland
Tel: (31) 8385 35911
Fax: (31) 8385 25613/26645

South Korea

Enerpac
163-12, Dodang-Dong,
Choong-Ku,
Buchun-Shi, Kyunggi-Do
Republic of Korea
Tel: (82) (32) 6560836/7
Fax: (82) (32) 6563002

Spain

Enerpac
Calle de La Imprenta, 5
Poligono Industrial
28100 Alcobendas, Madrid
Spain
Tel: (34) 1-6611125
Fax: (34) 1-6614789

United Kingdom

Enerpac
Leacon Road
Ashford, Kent
TN23 2TU
England
Tel: 4-4233-639871
Telex: 966 450
Fax: 4-4233-643923

United States

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

ENERPAC**WORLD
STANDARD
GUARANTEE**

All Enerpac products are guaranteed against defects in workmanship and materials for as long as you own them. Under this guarantee, free repair or replacement will be made to your satisfaction.

For prompt service, contact your Authorized Enerpac Service Center or call toll free:

**In U.S.A. 1-800-558-0530
In Canada 1-800-426-2284**

RECYCLED
PAPER



PRINTED IN U.S.A.