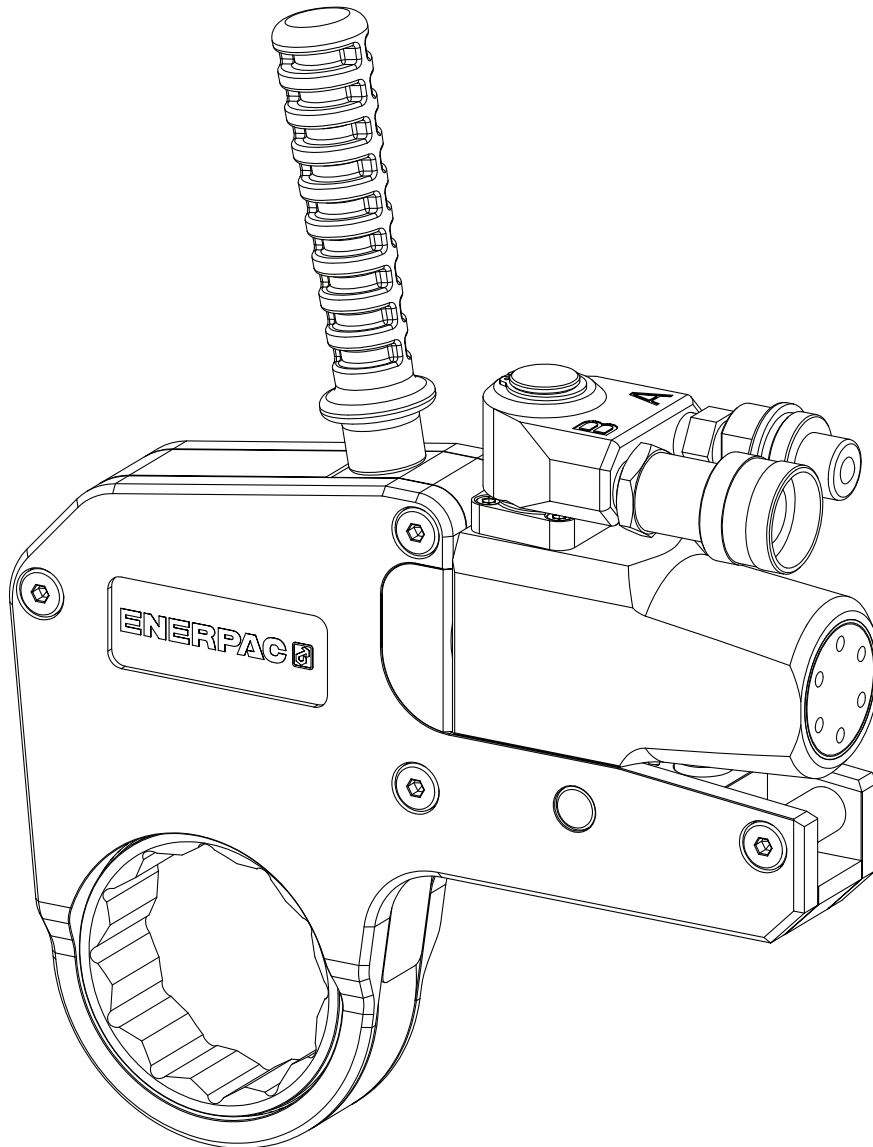


To Protect Your Warranty, Use Only ENERPAC Hydraulic Oil.

Enerpac recommends that all kit components be installed to insure optimum performance of the repaired product.

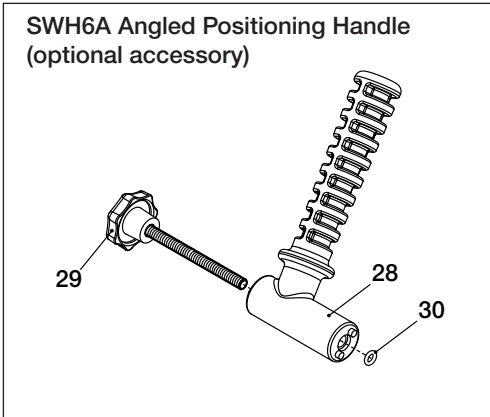


Contents:

Pages

Figure 1, Cassette Assembly.	2-3
Figure 2, Ratchet Assembly and Sideplates	4
Figure 3, Carrying Case.	5
Figure 4, Drive Unit and Swivel Assemblies	6-7

- Inspection, lubrication and maintenance instructions.
- Torque specifications for selected fasteners.

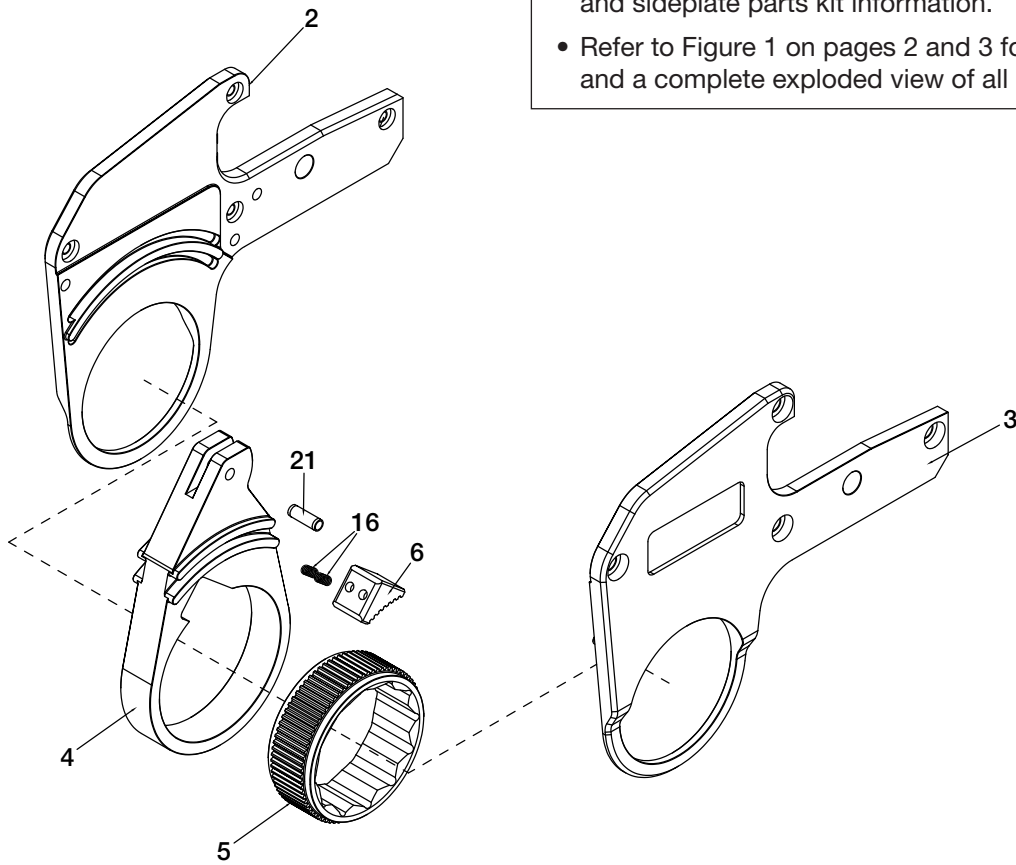


2

Repair Parts List for Figure 1													
Item	Part Number	Quantity (used on wrench)	Quantity (included in each kit)									(*) Item available separately OR in kit.	Description
			Sideplate Kit, LH and RH (see Figure 2 for kit details)	Ratchet Lever and Pin Kit (see Figure 2 for kit details)	Ratchet and Drive Shoe Kit (see Figure 2 for kit details)	Drive Shoe Kit (see Figure 2 for kit details)	Head Guard Kit, UltraSlim W4000SLHGK	Safe Link Kit W4000SLKB	Cassette Hardware Kit W4000CHKB	Head Spacer Kit W4000HSK	Angled Positioning Handle Kit SWH6A (optional)		
1	(Not Available)	1											Cylinder Locating Plate
2	(See Figure 2)	1	1										Sideplate, Right-Hand
3	(See Figure 2)	1	1										Sideplate, Left-Hand
4	(See Figure 2)	1		1									Ratchet Lever
5	(See Figure 2)	1			1							*	Ratchet
6	(See Figure 2)	1			1	1							Drive Shoe
7	W4000SL117	1					1						Guard, Rear
8	W4000SL116	1					1						Guard, Front
9	(Not Available)	1											Pin Retainer
10	4000110A	1						1				*	Spacer Retaining Pin
11	4000109A	1						1					Cylinder Retaining Pin
12	4000114A	1											Reaction Foot
13	4000115	1						1					Fail Safe Pin
14	4000113	4								4			Sideplate Spacer
15	CCA423057-2A	1						1					Pin, Spirol
16	E3074K	2			2	2			2			*	Spring, Compression (packet of 10)
17	CBA411028-1E	3					3		3				Screw, Button Head
18	4000129	4							4	4			Screw, Shoulder, Modified
19	E4584	2						2	2				Spring, Plunger
20	E4564K	3							3			*	Pin, Spirol Spring (packet of 10)
21	CCA621057-2A	1		1									Pin, Spirol Spring, 18 mm long
	CCA623057-2A	1							1				Pin, Spirol Spring, 20 mm long
22	E4728	1							1				Ball Detent
23	CBA521028-1E	1						1	1				Screw, Button Head
24	E3083	1						1					Spring, Compression
25	CAE1040108-1A	3					3		3				Washer, Flat
26	SL100154	2							2				Nameplate, Enerpac
27	SWH6S	1											Positioning Handle, Straight
28	DM0341070	1									1		Positioning Handle, Angled
29	DM0309147	1									1		Thumbscrew
30	E2393	1									1		O-Ring
Notes: • Enerpac recommends that all kit components be installed to assure optimum performance of the repaired product. • Items 16 and 20: Packet quantity is provided only when item is ordered separately and not included in a kit. • Item 21: Pin CCA623057-2A supplied in Cassette Hardware Kit is slightly longer than the original pin CCA621057-2A. However, the longer pin can be used as a replacement.													

Note: This view contains only ratchet and sideplate parts.

- Refer to Figure 2 repair parts list (see below) for ratchet and sideplate parts kit information.
- Refer to Figure 1 on pages 2 and 3 for the main parts list and a complete exploded view of all cassette parts.



Note: Refer to the wrench instruction sheet for:

- Inspection, lubrication and maintenance instructions.
- Torque specifications for selected fasteners.

Figure 2, Ratchet Assembly and Sideplates, W4000SL Series

Repair Parts List for Figure 2

Cassette Model	Size		Part Numbers				
	Inch	mm	Ratchet Only (Figure 2, item 5)	Drive Shoe Kit (Figure 2, items 6 & 16)	Ratchet and Drive Shoe Kit (Figure 2, items 5, 6 & 16)	Ratchet Lever and Pin Kit (Figure 2, items 4 & 21)	Sideplate Kit LH and RH (Figure 2, items 2, and 3)
W4113SL	1 13/16	46	W4000SL121113	W4113SLDSK	W4113SLRK	W4000SL120113A	W4000SL175113A
W4203SL	2 3/16	55	W4000SL121203	W4203SLDSK	W4203SLRK	W4000SL120203A	W4000SL175203A
W4206SL	2 3/8	60	W4000SL121206	W4206SLDSK	W4206SLRK	W4000SL120206A	W4000SL175206A
W4209SL	2 9/16	65	W4000SL121209	W4209SLDSK	W4209SLRK	W4000SL120209A	W4000SL175209A
W4212SL	2 3/4	70	W4000SL121212	W4212SLDSK	W4212SLRK	W4000SL120212A	W4000SL175212A
W4215SL	2 15/16	75	W4000SL121215	W4215SLDSK	W4215SLRK	W4000SL120215A	W4000SL175215A

Note: Enerpac recommends that all kit and subassembly components be installed to assure optimum performance of the repaired product.

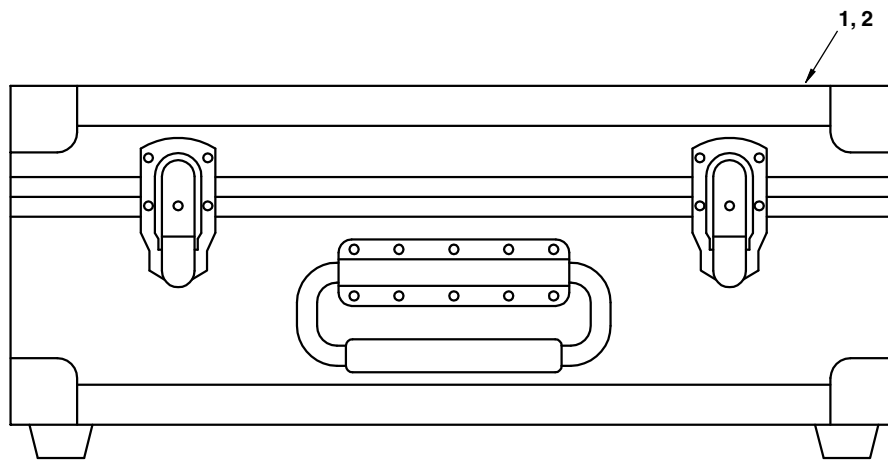
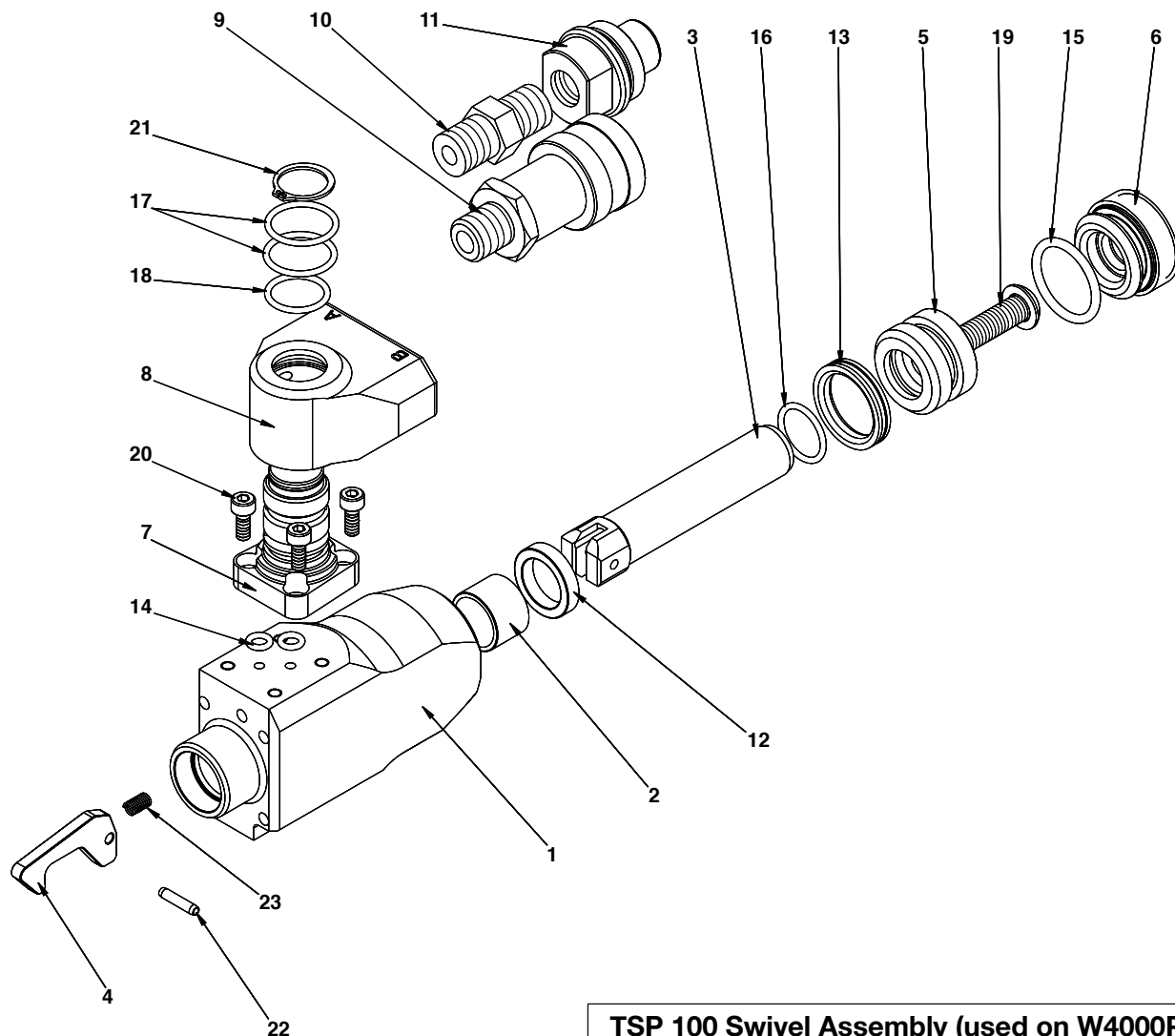


Figure 3, Carrying Case, W4000 Series (typical - appearance may vary)

Repair Parts List for Figure 3			
Item	Part Number	Qty.	Description
1	DD1363530	1	Carrying Case, Drive Unit, W4000 Series
2	DD1378530	1	Carrying Case, Cassette, W4000 Series



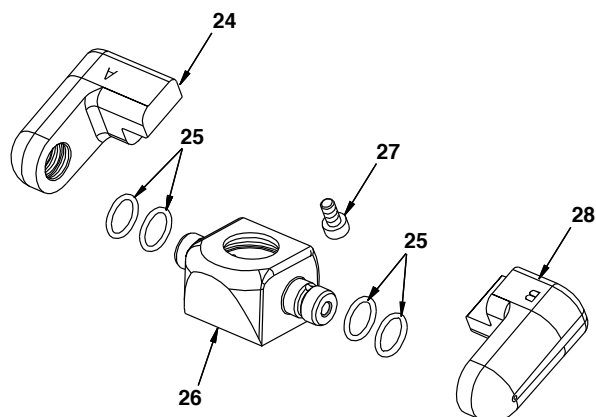
Notes:

- Refer to page 7 for parts kit information.
- Drive units with model numbers ending in "P" are factory equipped with the TSP100 Swivel Assembly.

Refer to the wrench instruction sheet for:

- Inspection, lubrication and maintenance instructions.
- Torque specifications for selected fasteners.

TSP 100 Swivel Assembly (used on W4000P)



(optional - replaces item 8)

Figure 4, Drive Unit and Swivel Assemblies, W4000

Repair Parts List for Figure 4												
Item	Part Number	Quantity (used on drive unit)		Quantity (included in each kit)							(*) Item available separately OR in kit.	Description
		Model W4000	Model W4000P	Drive Unit Seal Kit W4000SK	Retract Link Kit W4000RLK	Drive Unit Rebuild Kit W4000DRK	Swivel Manifold Seal Kit W2000MSK	Swivel Post and Manifold Kit W4000SMK (For Standard Swivel)	Swivel Manifold Kit TSP100A (For TSP100 Swivel)	Swivel Post and Manifold Kit TSP100MK (For TSP100 Swivel)		
1	(Not Available)	1	1									Cylinder Body (housing)
2	4000106A	1	1			1						Cylinder Bushing
3	4000104	1	1			1						Piston Rod
4	4000105	1	1		1							Retract Link
5	4000103	1	1			1						Piston
6	4000102	1	1			1						Cylinder Gland
7	1000S004	1	1					1		1	*	Swivel Manifold Post (small)
8	1000S003	1	- - -					1			*	Swivel Manifold Block (non-tilt)
9	TR630	1	1						1	1		Coupling, 10,000 PSI Screw-On
10	FZ1608	1	1						1	1		Adaptor, Hex 10,000 PSI
11	TH630	1	1						1	1		Nipple, 10,000 PSI Screw-On
12	E2360	1	1	1								Seal, Rod
13	E2312	1	1	1								Seal, T-Piston w/Back Up Rings
14	E2304K	2	2	2			2	2		2	*	O-Ring (packet of 10)
15	E2311	1	1	1								O-Ring
16	E2313	1	1	1								O-Ring
17	E2239	2	2	2			2	2	2	2		O-Ring
18	E2237	1	1	1			1	1	1	1		O-Ring
19	E4560	1	1			1						Screw, Button Head
20	E4598	4	4					4		4		Swivel Manifold Retaining Bolt
21	E4017	1	1	1			1	1	1	1		Retainer Ring, Circlip
22	E4561	1	1		1							Pin, Spirol Spring
23	E3074K	1	1		1						*	Spring, Compression (packet of 5)
24	1000S009	- - -	1						1	1		Swivel Arm, Pressure A
25	E2173	- - -	4				4		4	4		O-Ring, Double Swivel
26	1000S011	- - -	1						1	1		Manifold Block, Double Swivel
27	E4650	- - -	1				1		1	1		Capscrew, Swivel Arm
28	1000S010	- - -	1						1	1		Swivel Arm, Return B
Notes: • Enerpac recommends that all kit components be installed to assure optimum performance of the repaired product. • Items 14 and 23: Packet quantity is provided only when item is ordered separately and not included in a kit.												

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