

	Repair Parts Sheet		
	High Tonnage Hydraulic Cylinders HCR-Series		

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NOTICE:

Enerpac recommends the installation of all parts included in a service assembly or repair kit to ensure optimum performance of the repaired product.

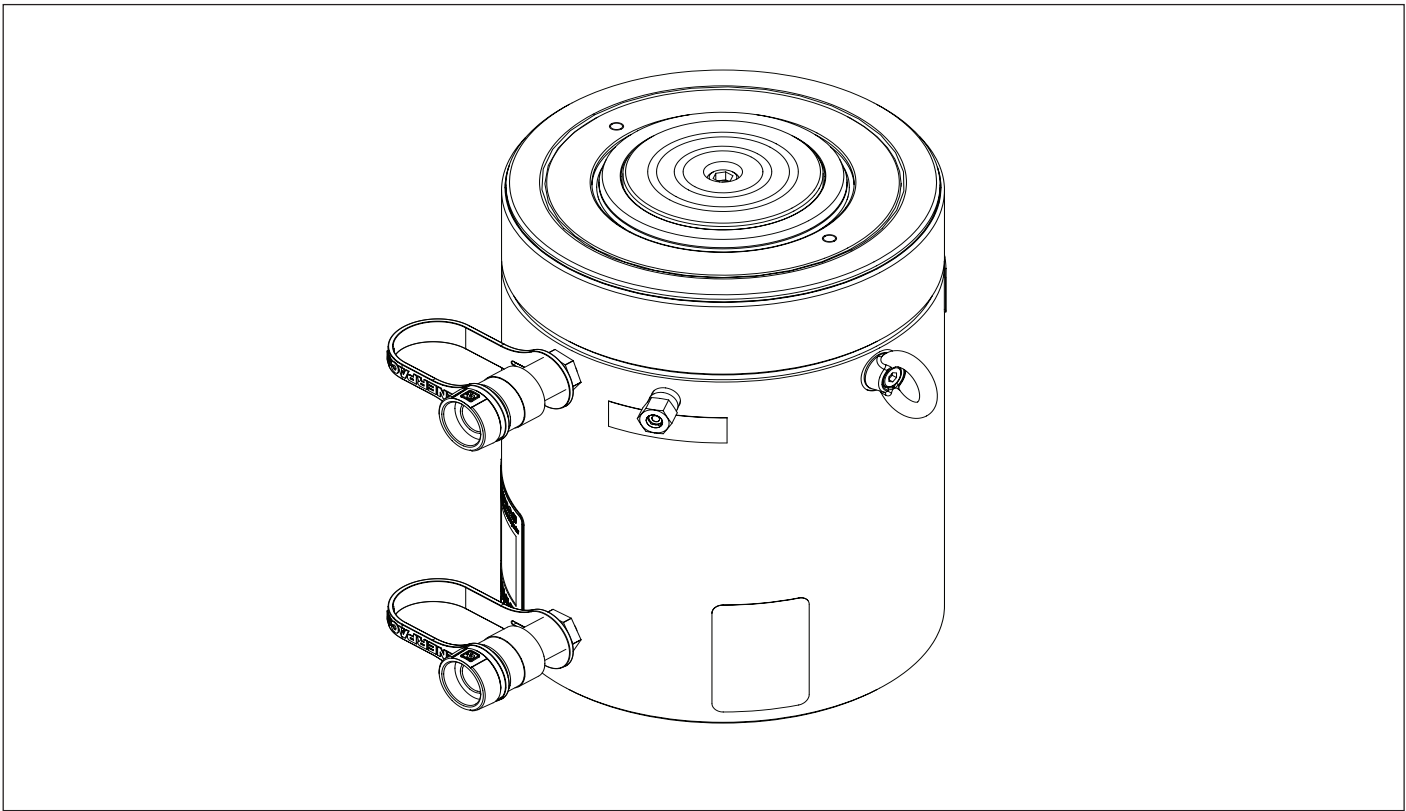
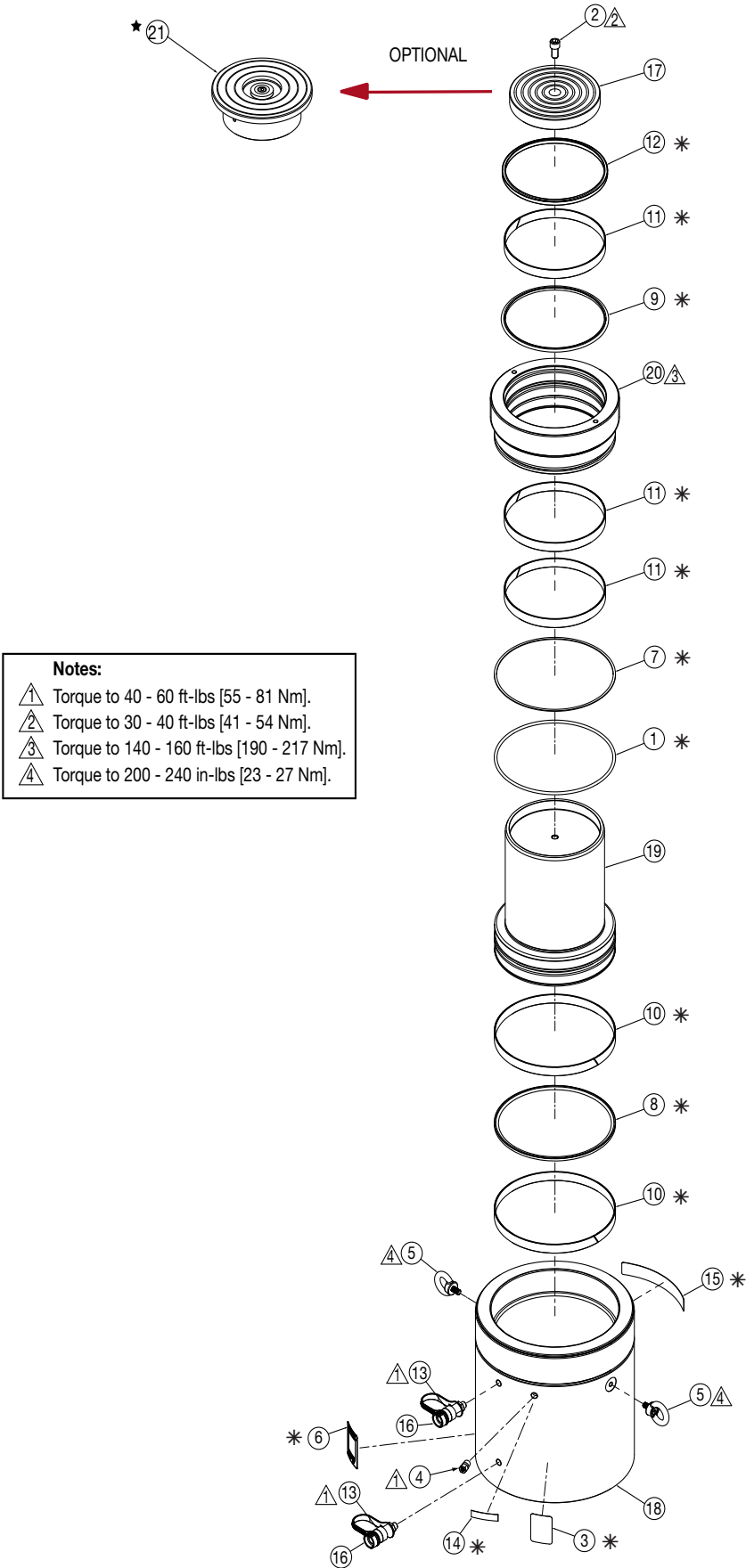


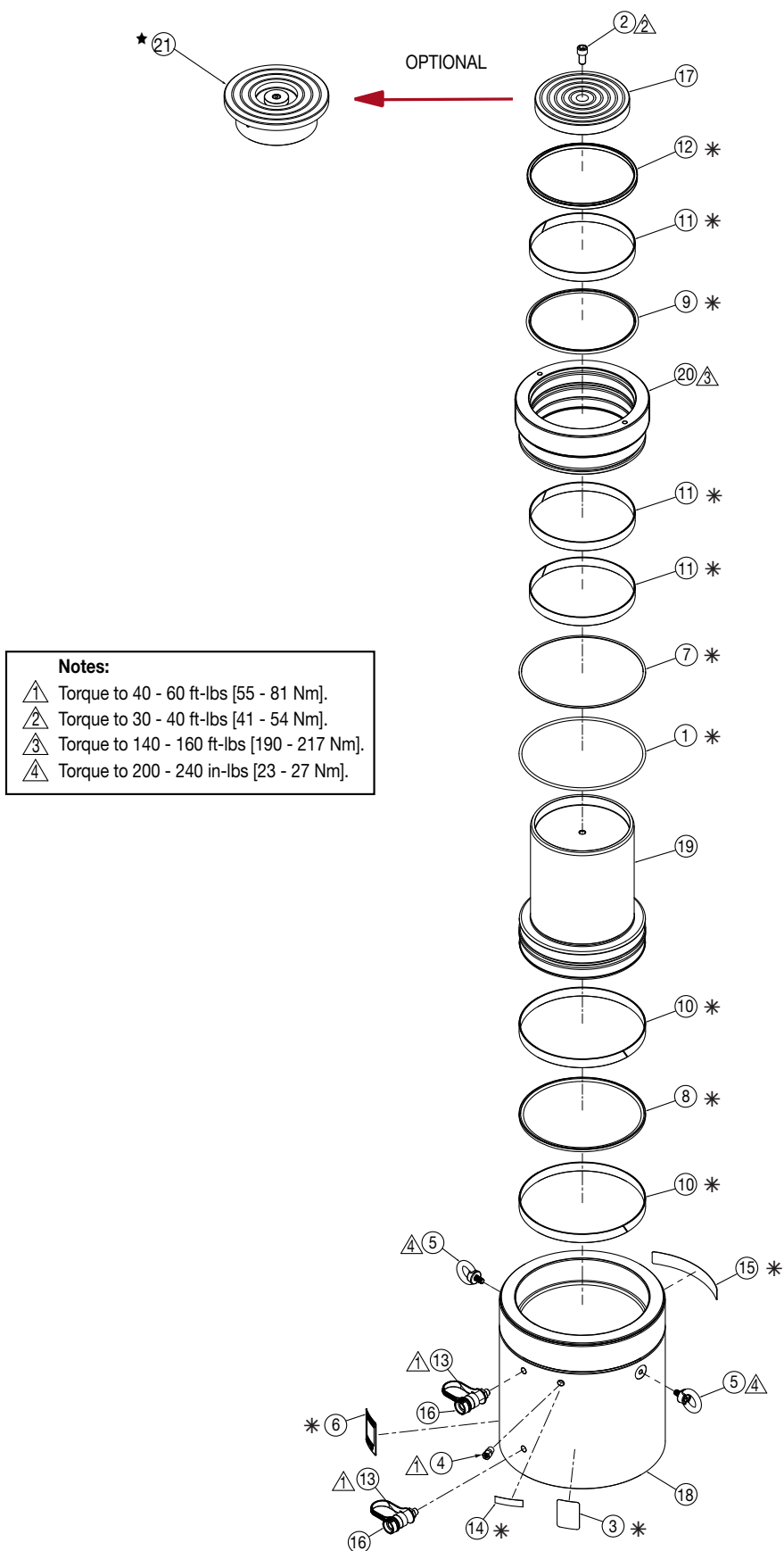
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Figure 1, Exploded View - Model HCR-500



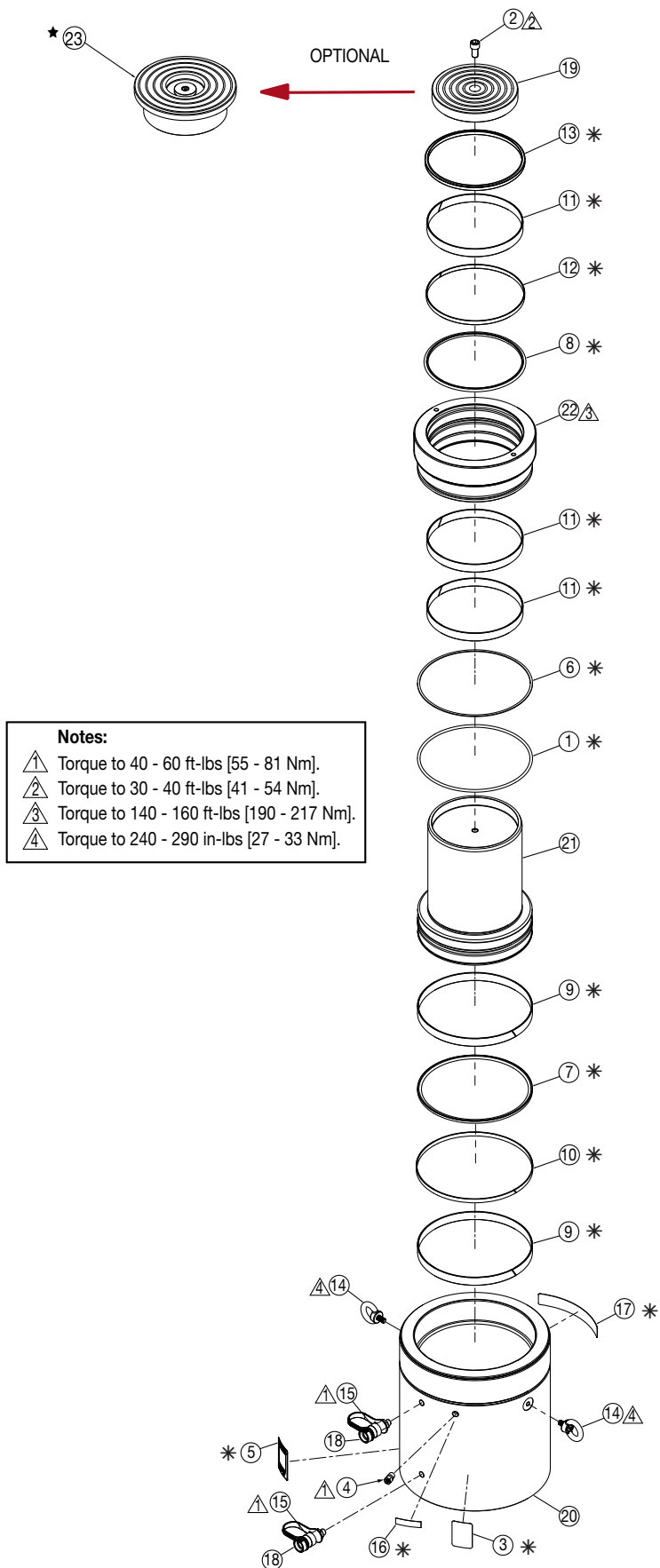
Repair Parts List for Figure 1			
Item	Part Number	Qty.	Description
1	*	1	O-Ring 291,47 x 7,00 Dash 452
2	CBE1625028-1A	1	Screw, SHC M16 x 30 Zinc
3	*	1	Warning Decal, 2.19" x 3.18"
4	DB8049900	1	Relief Valve Assembly
5	DB8086667	2	Eyebolt, Rotating, M12
6	*	1	Decal, Product Specification
7	*	1	Back Up Ring 305 x 293,4 x 1,7
8	*	1	Piston Seal 305 x 284 x 8,1
9	*	1	Rod Seal 250 x 270,5 x 8,1
10	*	2	Bearing, Piston 305 x 25
11	*	3	Bearing, Rod 250 x 25
12	*	1	Wiper 250 mm
13	CR400	2	Female Coupler
14	*	1	Decal, Safety Warning
15	*	1	Decal, Enerpac
16	CD411D	2	Dust Cap
17	HCL500045	1	Saddle HCL 500 Ton
18	N/A	1	Base HCG/HCR 500 Ton 50 mm
	N/A	1	Base HCG/HCR 500 Ton 100 mm
	N/A	1	Base HCG/HCR 500 Ton 150 mm
	N/A	1	Base HCG/HCR 500 Ton 200 mm
	N/A	1	Base HCG/HCR 500 Ton 250 mm
	N/A	1	Base HCG/HCR 500 Ton 300 mm
19	HCR5002040	1	Plunger HCG/HCR 500 Ton 50 mm
	HCR5004040	1	Plunger HCG/HCR 500 Ton 100 mm
	HCR5006040	1	Plunger HCG/HCR 500 Ton 150 mm
	HCR5008040	1	Plunger HCG/HCR 500 Ton 200 mm
	HCR50010040	1	Plunger HCG/HCR 500 Ton 250 mm
	HCR50012040	1	Plunger HCG/HCR 500 Ton 300 mm
20	HCR5002044	1	Stop Ring HCR 500 Ton
★ 21	CATS500	1	Tilting Saddle 500 Ton
* Included in HCR500K Seal Kit. N/A - Not Available. ★ Optional item			

Figure 2, Exploded View - Model HCR-600



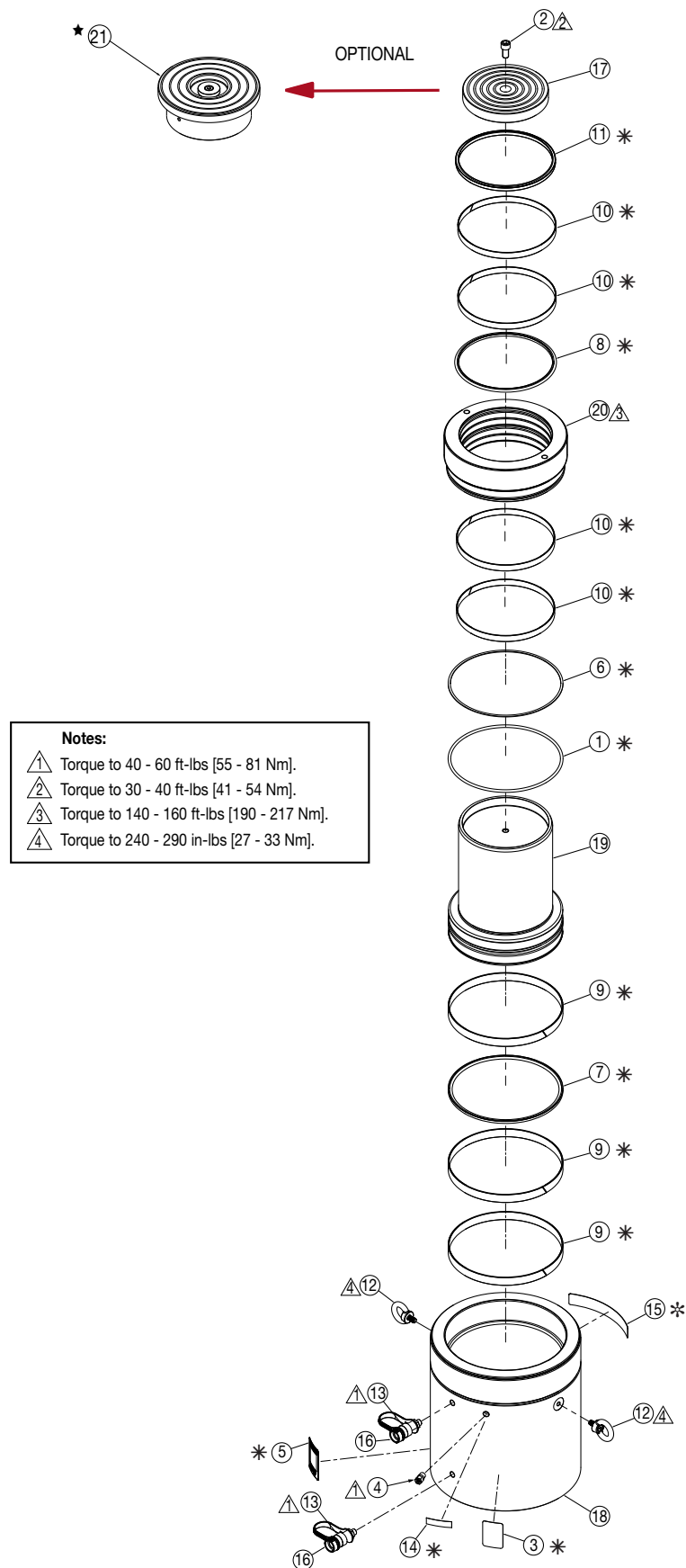
Repair Parts List for Figure 2			
Item	Part Number	Qty.	Description
1	*	1	O-Ring 304,17 x 7,00 Dash 453
2	CBE1625028-1A	1	Screw, SHC M16 x 30 Zinc
3	*	1	Warning Decal, 2.19" x 3.18"
4	DB8049900	1	Relief Valve Assembly
5	DB8086667	2	Eyebolt, Rotating, M12
6	*	1	Decal, Product Specification
7	*	1	Back Up Ring 330 x 318,4 x 1,7
8	*	1	Piston, Seal 330 x 305,5 x 8,1
9	*	1	Rod, Seal 270 x 294 8,1
10	*	2	Bearing, Piston 330 x 25
11	*	3	Bearing, Rod 270 x 25
12	*	1	Wiper 270 mm
13	CR400	2	Female Coupler
14	*	1	Decal, Safety Warning
15	*	1	Decal, Enerpac
16	CD411D	2	Dust Cap
17	HCL600045	1	Saddle HCL 600 Ton
18	N/A	1	Base HCG/HCR 600 Ton 50 mm
	N/A	1	Base HCG/HCR 600 Ton 100 mm
	N/A	1	Base HCG/HCR 600 Ton 150 mm
	N/A	1	Base HCG/HCR 600 Ton 200 mm
	N/A	1	Base HCG/HCR 600 Ton 250 mm
	N/A	1	Base HCG/HCR 600 Ton 300 mm
19	HCR6002040	1	Plunger HCG/HCR 600 Ton 50 mm
	HCR6004040	1	Plunger HCG/HCR 600 Ton 100 mm
	HCR6006040	1	Plunger HCG/HCR 600 Ton 150 mm
	HCR6008040	1	Plunger HCG/HCR 600 Ton 200 mm
	HCR60010040	1	Plunger HCG/HCR 600 Ton 250 mm
	HCR60012040	1	Plunger HCG/HCR 600 Ton 300 mm
20	HCR6002044	1	Stop Ring HCR 600 Ton
★ 21	CATS600	1	Tilting Saddle 600 Ton
* Included in HCR600K Seal Kit. N/A - Not Available. ★Optional item			

Figure 3, Exploded View - Model HCR-800



Repair Parts List for Figure 3			
Item	Part Number	Qty.	Description
1	*	1	O-Ring 367,67 x 7,00 Dash 458
2	CBE1625028-1A	1	Screw, SHC M16 x 30 Zinc
3	*	1	Warning Decal, 2.19" x 3.18"
4	DB8049900	1	Relief Valve Assembly
5	*	1	Decal, Product Specification
6	*	1	Back Up Ring 385 x 373,4 x 1,7
7	*	1	Piston Seal 385 x 360,5 x 8,1
8	*	1	Rod Seal 320 x 344 x 8,1
9	*	2	Bearing, Piston 385 x 25
10	*	1	Bearing, Piston 385 x 15
11	*	3	Bearing, Rod 320 x 25
12	*	1	Bearing, Rod 320 x 15
13	*	1	Wiper 320 mm
14	DB8168667	2	Eyebolt, Rotating, M14
15	CR400	2	Female Coupler
16	*	1	Decal, Safety Warning
17	*	1	Decal, Enerpac
18	CD411D	2	Dust Cap
19	HCL800045	1	Saddle HCL 800 Ton
20	N/A	1	Base HCG/HCR 800 Ton 50 mm
	N/A	1	Base HCG/HCR 800 Ton 100 mm
	N/A	1	Base HCG/HCR 800 Ton 150 mm
	N/A	1	Base HCG/HCR 800 Ton 200 mm
	N/A	1	Base HCG/HCR 800 Ton 250 mm
	N/A	1	Base HCG/HCR 800 Ton 300 mm
21	HCR8002040	1	Plunger HCG/HCR 800 Ton 50 mm
	HCR8004040	1	Plunger HCG/HCR 800 Ton 100 mm
	HCR8006040	1	Plunger HCG/HCR 800 Ton 150 mm
	HCR8008040	1	Plunger HCG/HCR 800 Ton 200 mm
	HCR80010040	1	Plunger HCG/HCR 800 Ton 250 mm
	HCR80012040	1	Plunger HCG/HCR 800 Ton 300 mm
22	HCR8002044	1	Stop Ring HCR 800 Ton
★ 23	CATS800	1	Tilting Saddle 800 Ton
* Included in HCR800K Seal Kit. N/A - Not Available. ★Optional item			

Figure 4, Exploded View - Model HCR-1000



Repair Parts List for Figure 4			
Item	Part Number	Qty.	Description
1	*	1	O-Ring 417,96 x 7,00 Dash 462
2	CBE1625028-1A	1	Screw SHC M16 x 30 Zinc
3	*	1	Warning Decal, 2.19" x 3.18"
4	DB8049900	1	Relief Valve Assembly
5	*	1	Decal, Product Specification
6	*	1	Back Up Ring 440 x 428,4 x 1,7
7	*	1	Piston Seal 440 x 415,5 x 8,1
8	*	1	Rod Seal 340 x 364 x 8,1
9	*	3	Bearing, Piston 440 x 25
10	*	4	Bearing, Rod 340 x 25
11	*	1	Wiper 340 mm
12	DB8168667	2	Eyebolt, Rotating, M14
13	CR400	2	Female Coupler
14	*	1	Decal, Safety Warning
15	*	1	Decal, Enerpac
16	CD411D	2	Dust Cap
17	HCL1000045	1	Saddle HCL 1000 Ton
18	N/A	1	Base HCG/HCR 1000 Ton 50 mm
	N/A	1	Base HCG/HCR 1000 Ton 100 mm
	N/A	1	Base HCG/HCR 1000 Ton 150 mm
	N/A	1	Base HCG/HCR 1000 Ton 200 mm
	N/A	1	Base HCG/HCR 1000 Ton 250 mm
	N/A	1	Base HCG/HCR 1000 Ton 300 mm
19	HCR10002040	1	Plunger HCG/HCR 1000 Ton 50 mm
	HCR10004040	1	Plunger HCG/HCR 1000 Ton 100 mm
	HCR10006040	1	Plunger HCG/HCR 1000 Ton 150 mm
	HCR10008040	1	Plunger HCG/HCR 1000 Ton 200 mm
	HCR100010040	1	Plunger HCG/HCR 1000 Ton 250 mm
	HCR100012040	1	Plunger HCG/HCR 1000 Ton 300 mm
20	HCR10002044	1	Stop Ring HCR 1000 Ton
★ 21	CATS1000	1	Tilting Saddle 1000 Ton
* Included in HCR1000K Seal Kit. N/A - Not Available. ★Optional item			



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