

Document Number	Document Revision	Document Revision Date	Product Date Code Beginning With
L4326	F	12/2023	A

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.

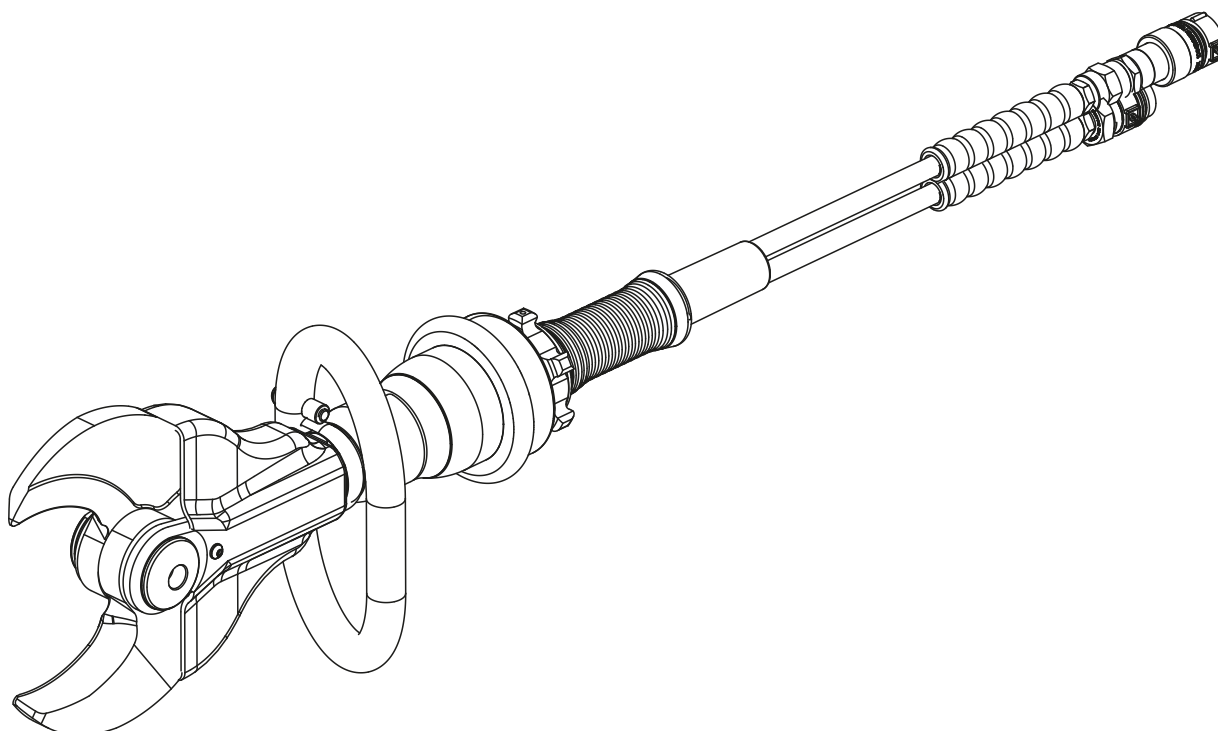


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⚠ WARNING Be certain that hydraulic pressure is completely relieved (0 psi/bar) before beginning any adjustment, maintenance or repair procedures. Appropriate shop safety procedures are to be followed during disassembly and reassembly to minimize any possibility of injury.

Note: Parts kits, components and product features described in this document are subject to change without notice.

Figure 1 - Exploded View - Model EDCH170 (view 1 of 2)

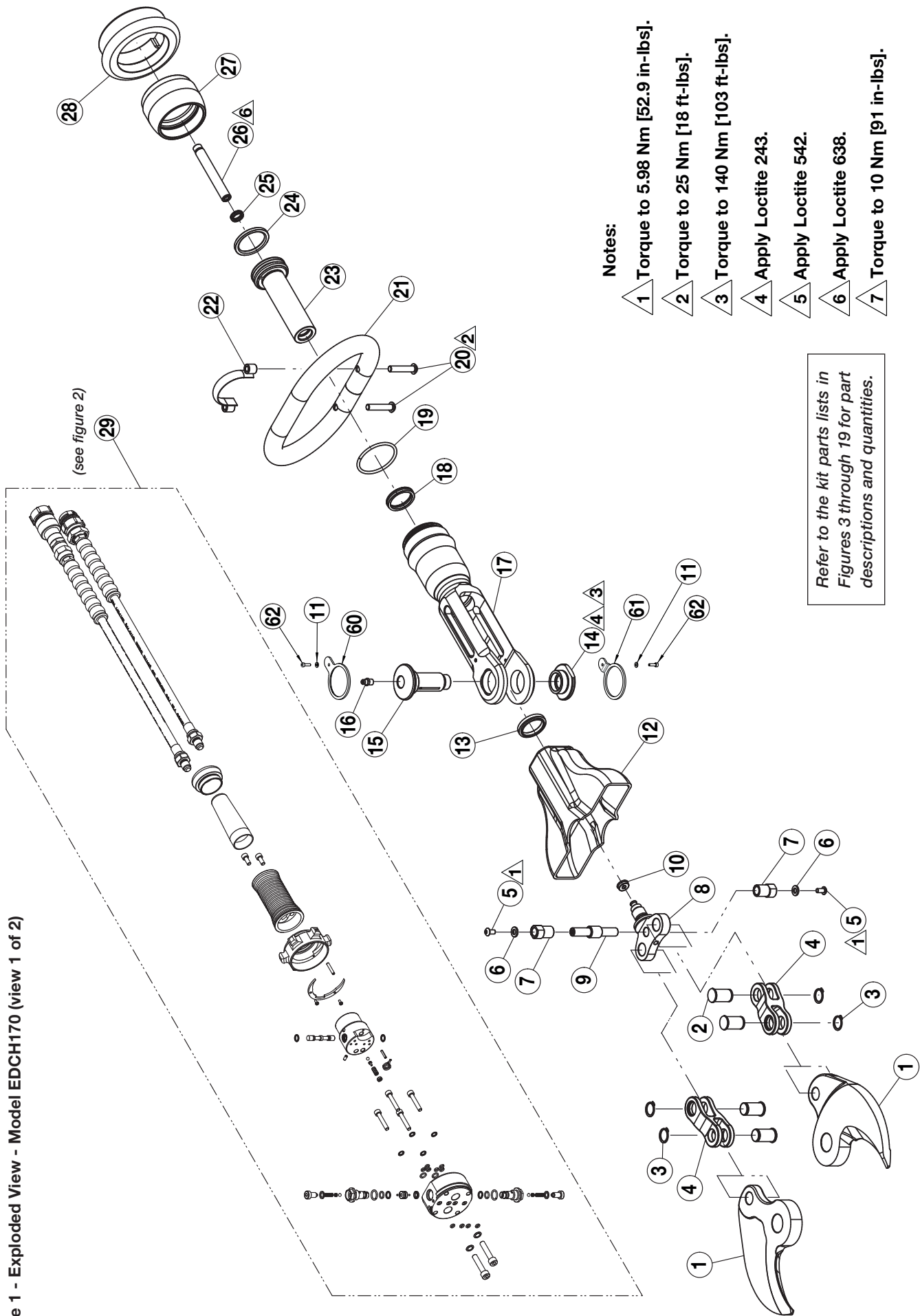


Figure 2 - Exploded View - Model EDCH170 (view 2 of 2)

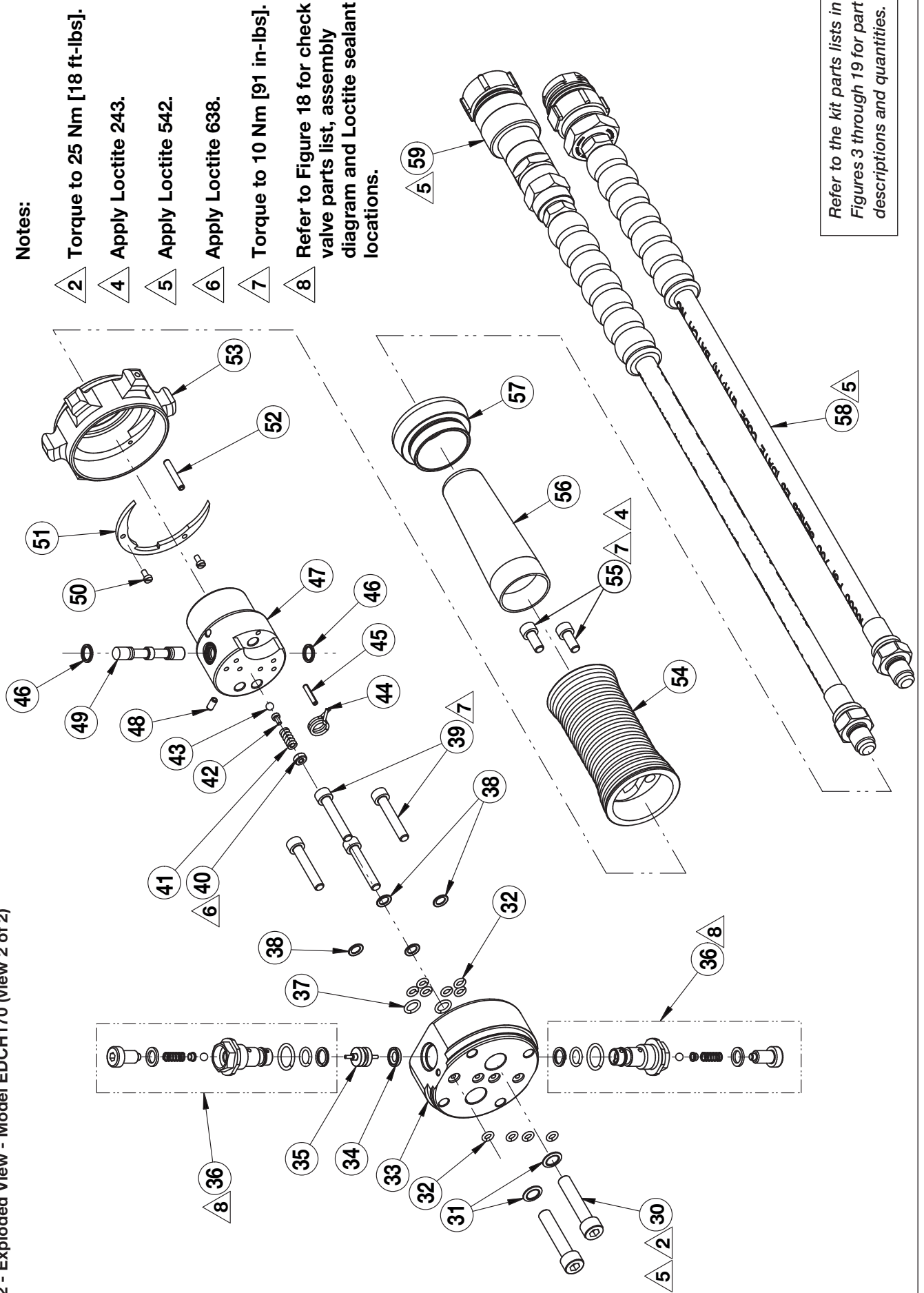
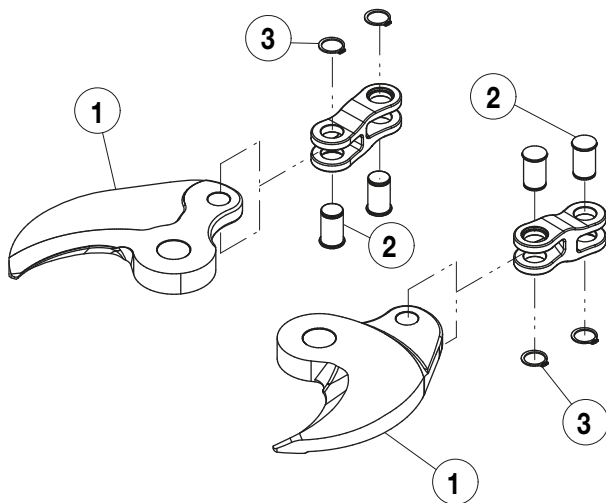


Figure 3 - EDCH17001K Jaw Kit

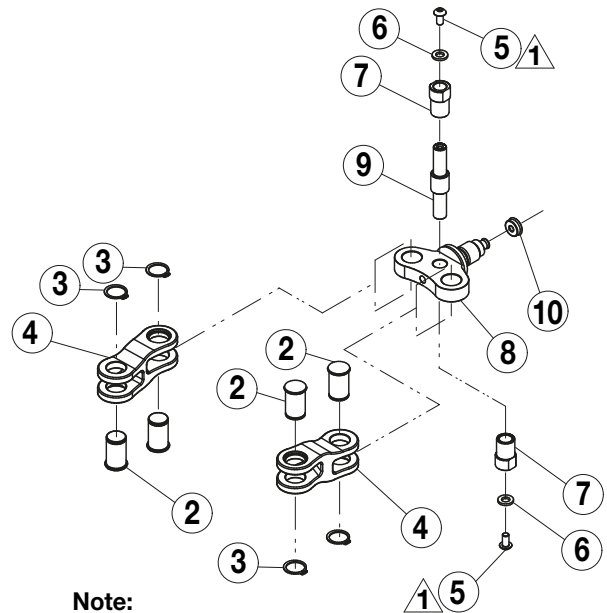


Parts List for Figure 3

Item No.	Qty.	Description
1	2	Blade
2	4	Seeger Ring, External D=25 UNI7435
3	4	Lever Pin

Note: Kit parts available in kits only. Items not sold separately.

Figure 4 - EDCH17002K Linkage Kit



Note:

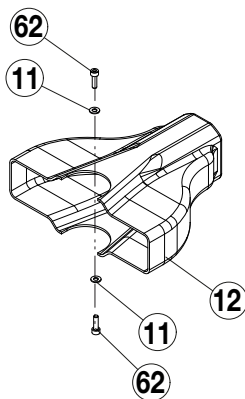
1 Torque to 5.98 Nm [52.9 in-lbs].

Parts List for Figure 4

Item No.	Qty.	Description
2	4	Lever Pin
3	4	Seeger Ring, External D=25 UNI7435
4	2	Lever Pin
5	4	Button Screw M5 x 10 10.9 UNI 7380 Zn
6	2	Flat Washer M5 UNI 6592 Zn
7	2	Sliding Bushing
8	1	Blades Yoke
9	1	Sliding Pin
10	1	Gasket 15 x 5

Note: Kit parts available in kits only. Items not sold separately.

Figure 5 - EDCH17003K Cover Kit

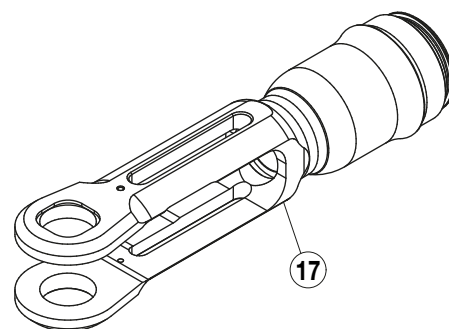


Parts List for Figure 5

Item No.	Qty.	Description
11	2	Flat Washer M4 UNI 6592 Zn
12	1	Blades Rubber Guard
62	2	SHCS M4 x 14 UNI 5931 Zn

Note: Kit parts available in kits only. Items not sold separately.

Figure 6 - EDCH17004K Cylinder Body Kit

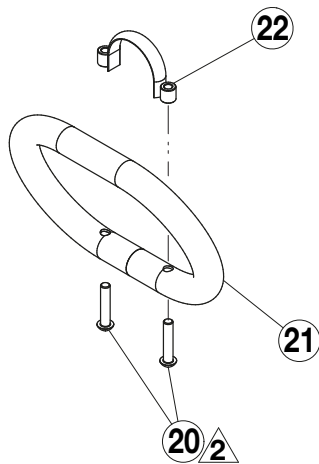


Parts List for Figure 6

Item No.	Qty.	Description
17	1	Cylinder

Note: This kit contains only one part (item 17).

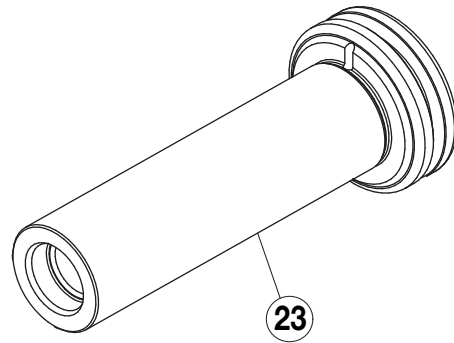
Figure 7 - EDCH17005K Lift Handle Kit



Note:

2 Torque to 25 Nm [18 ft-lbs].

Figure 8 - EDCH17006K Piston Kit



Parts List for Figure 8

Item No.	Qty.	Description
23	1	Piston Assembly

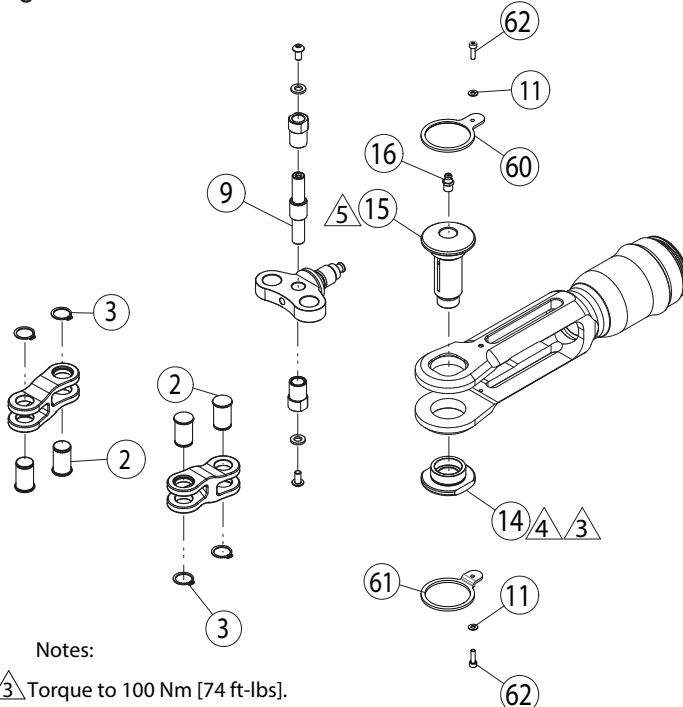
Note: This kit contains only one part (item 23).

Parts List for Figure 7

Item No.	Qty.	Description
20	2	Button Screw M8 x 40 UNI 7380 Zn
21	1	Handle Assembly
22	1	Bracket

Note: Kit parts available in kits only. Items not sold separately.

Figure 9 - EDCH17007K Pin Kit



Notes:

3 Torque to 100 Nm [74 ft-lbs].

4 Apply Loctite 243.

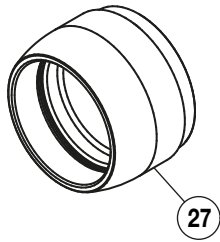
5 Apply grease to bearing surface after repair.

Parts List for Figure 9

Item No.	Qty.	Description
2	4	Lever Pin
3	4	Seeger Ring, External D=25 UNI7435
9	1	Sliding Pin
11	2	Flat Washer M4 UNI 6592 Zn
14	1	Lock Ring for Kingpin
15	1	Pin
16	1	Grease Nipple M8 x 1
60	1	Upper Safety Bracket
61	1	Lower Safety Bracket
62	2	SHCS M4 x 14 UNI 5931 Zn

Note: Kit parts available in kits only. Items not sold separately.

Figure 10 - EDCH17008K Cylinder Bottom Kit

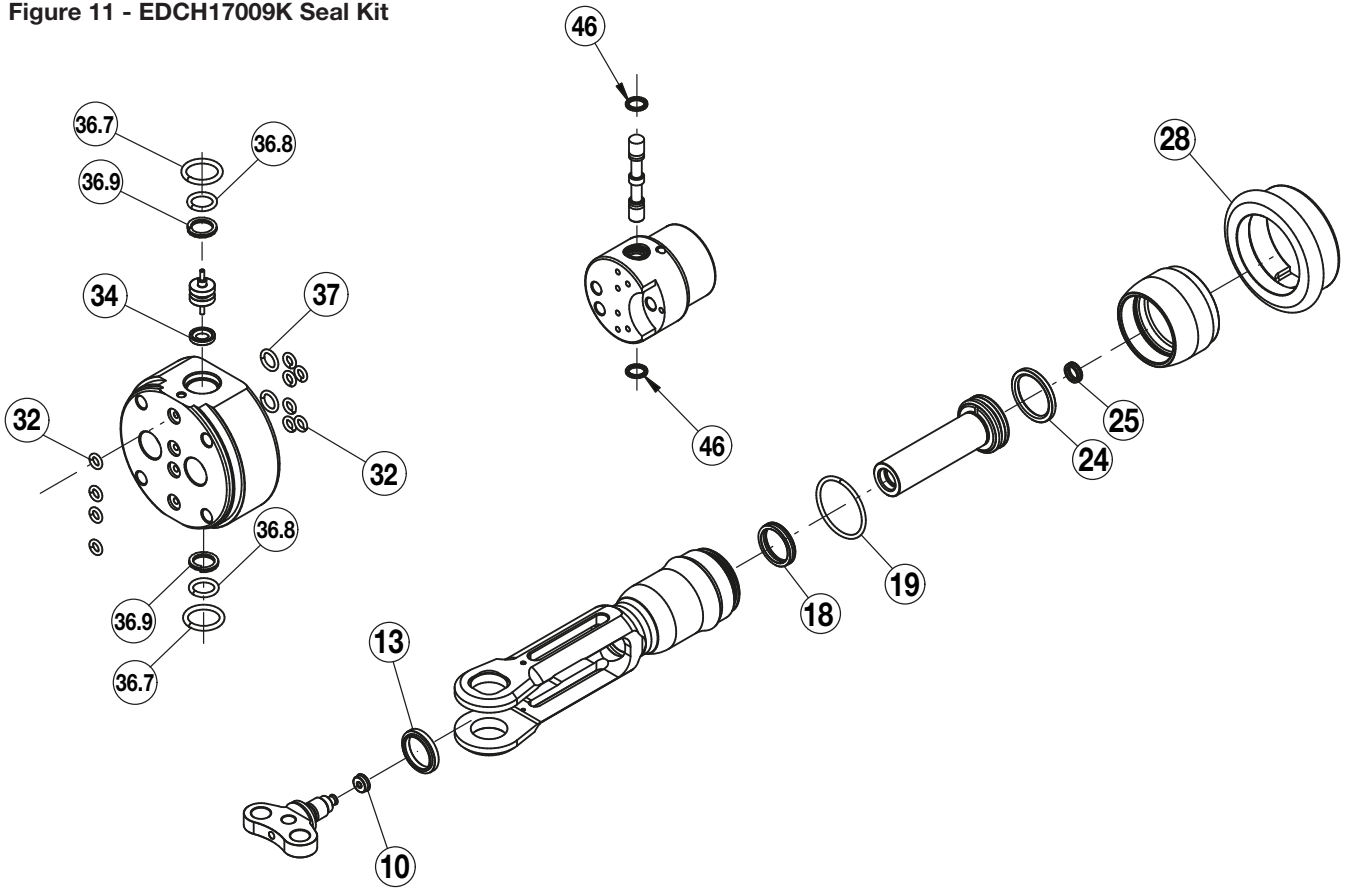


Parts List for Figure 10

Item No.	Qty.	Description
27	1	Piston Rear End Assembly

Note: This kit contains only one part (item 27).

Figure 11 - EDCH17009K Seal Kit



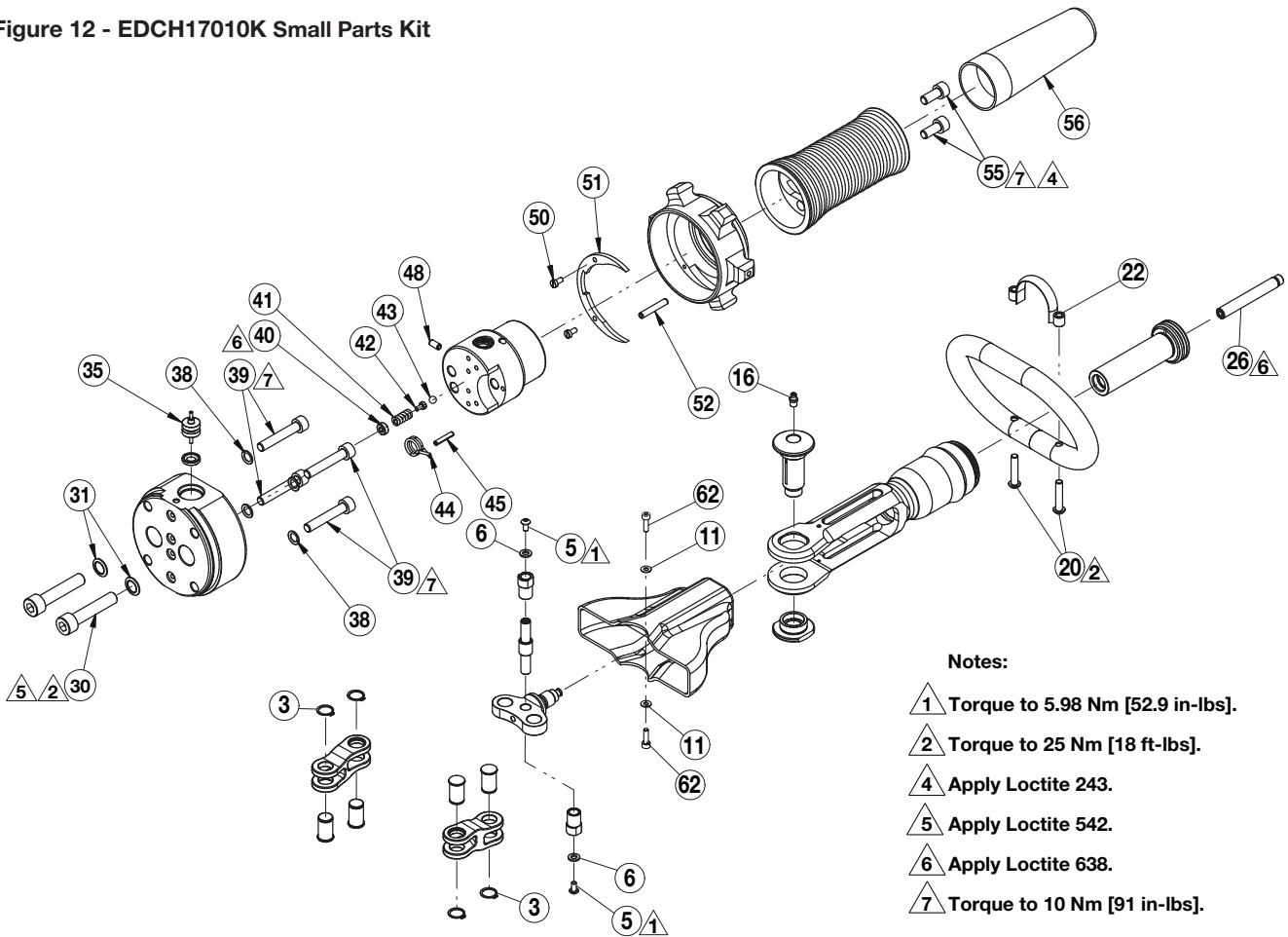
Parts List for Figure 11

Item No.	Qty.	Description
10	1	Gasket 15 x 5
13	1	Dust Seal 48.5 x 40
18	1	Gasket 48 x 40 x 6.5
19	1	O-Ring 75.87 x 2.62
24	1	Gasket NPU 070 70 x 59 x 4.2
25	1	Gasket 18 x 13 x 4.5
28	1	Rubber Ring
32	10	O-Ring 008 4.48 x 1.78 90 SH
34	1	Gasket EGR 0120 6.07 x 12 x 2
36.7	2	O-Ring 13 x 2 90 SH
36.8	2	O-Ring 8.73 x 1.78
36.9	2	Backup Ring BR 611-108
37	2	O-Ring 7.65 x 1.78
46	2	Quad Ring 8.2 x 1.78

Note:

- Items 36.7, 36.8 and 36.9: See Figure 13 for complete check valve parts list and diagram.
- Kit parts available in kits only. Items not sold separately.

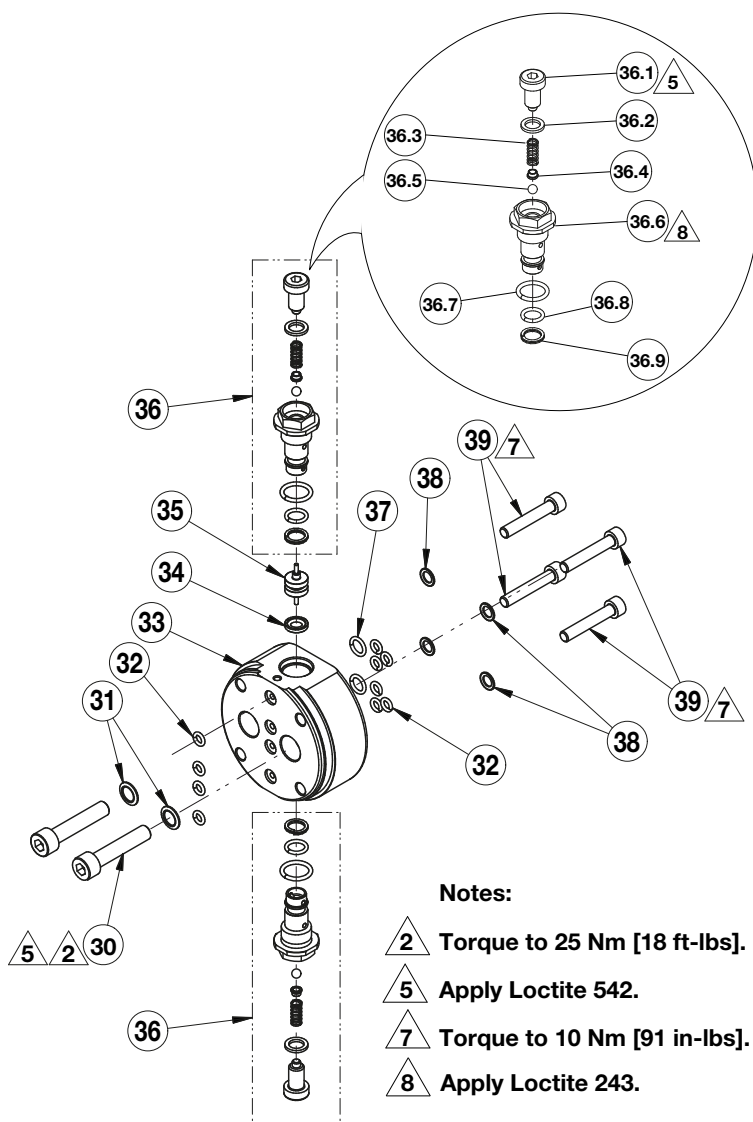
Figure 12 - EDCH17010K Small Parts Kit



Parts List for Figure 12		
Item No.	Qty.	Description
3	4	Seeger Ring, External D=25 UNI7435
5	2	Button Screw M5 x 10 10.9 UNI 7380 Zn
6	2	Flat Washer M5 UNI 6592 Zn
11	2	Flat Washer M4 UNI 6592 Zn
16	1	Grease Nipple M8 x 1
20	2	Button Screw M8 x 40 UNI 7380 Zn
22	1	Bracket
26	1	Oil Return Pipe
30	2	Socket Cap Screw M8 x 40 UNI5931 Zn
31	2	Schnorr Washer M8 Zn
35	1	Piston
38	4	Schnorr Washer, M6 Zn
39	4	Socket Cap Screw M6 x 35 UNI5931 Zn
40	1	Adjustment Valve Grub Screw M8 x 3.5
41	1	Spring F.1.7 x e6.3 x 6
42	1	Valve Pin
43	1	Ball 3/16 D. 4.76
44	1	Spring F.1.7 x i9.3 x 3
45	1	Spring Pin 3 x 16
48	1	Spring Pin 3 x 16
50	2	Screw TCTC M3 x 6 UNI 6107 Brass
51	1	Actuation Fork
52	1	Spring Pin 4 x 24
55	2	Socket Cap Screw M6 x 14 UNI5931 Zn
56	1	Rubber Sleeve
62	2	SHCS M4x14 UNI 5931 Zn

Note: Kit parts available in kits only. Items not sold separately.

Figure 13 - EDCH13011K Front Valve Kit

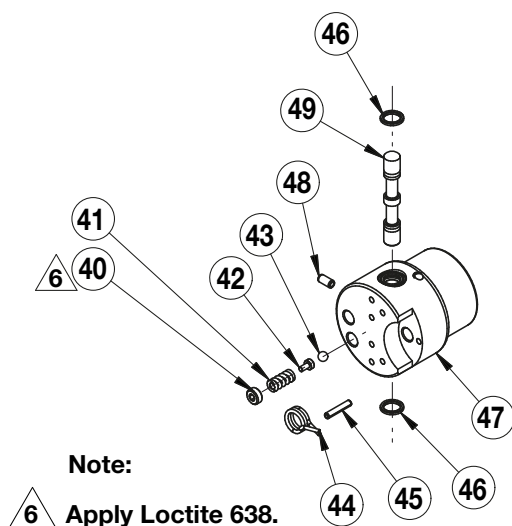


Parts List for Figure 13

Item No.	Qty.	Description
30	2	Socket Cap Screw M8 x 40 UNI5931 Zn
31	2	Schnorr Washer M8 Zn
32	10	O-Ring 008 4.48 x 1.78 90 SH
33	1	Valve Flange
34	1	Gasket EGR 0120 6.07 x 12 x 2
35	1	Piston
36	2	Check Valve
36.1	1	Valve Screw
36.2	1	Flat Washer 8 x 12 x 1.4 Copper
36.3	1	Spring F.0.7 x e5.7 x 7.5
36.4	1	Ball Guide
36.5	1	Ball 3/16 D. 4.76
36.6	1	Valve Cap
36.7	1	O-Ring 13 x 2 90 SH
36.8	1	O-Ring 8.73 x 1.78
36.9	1	Backup Ring BR 611-108
37	2	O-Ring 7.65 x 1.78
38	4	Schnorr Washer M6 Zn
39	4	Socket Cap Screw M6 x 35 UNI5931 Zn

Note: Kit parts available in kits only. Items not sold separately.

Figure 14 - EDCH13012K Rear Valve Kit

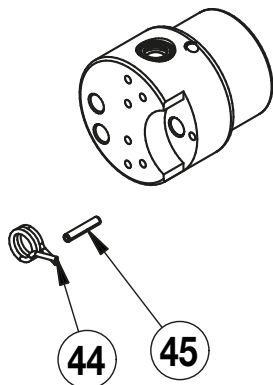


Parts List for Figure 14

Item No.	Qty.	Description
40	1	Adjustment Valve Grub Screw M8 x 3.5
41	1	Spring F.1.7 x e6.3 x 6
42	1	Valve Pin
43	1	Ball 3/16 D. 4.76
44	1	Spring F.1.7 x i9.3 x 3
45	1	Spring Pin 3 x 16
46	2	Quad Ring 8.2 x 1.78
47	1	Distributor Assembly
48	1	Spring Pin 3 x 16
49	1	Valve Slider

Note: Kit parts available in kits only. Items not sold separately.

Figure 15 - EDCH13013K Collar Spring Kit

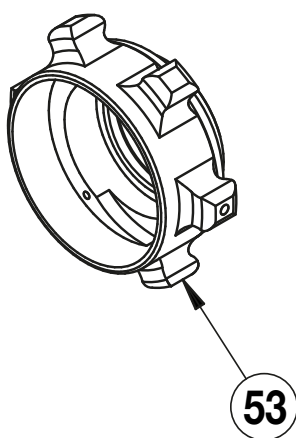


Parts List for Figure 15

Item No.	Qty.	Description
44	1	Spring F.1.7 x i9.3 x 3
45	1	Spring Pin 3 x 16

Note: Kit parts available in kits only. Items not sold separately.

Figure 16 - EDCH13014K Collar Kit

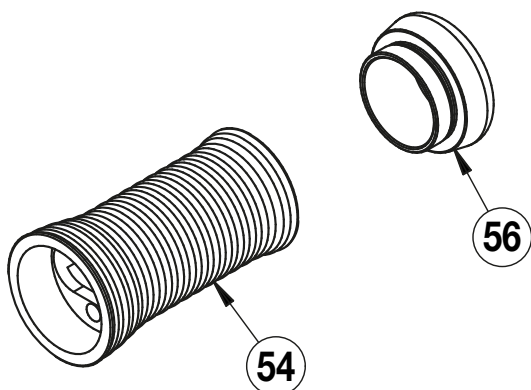


Parts List for Figure 16

Item No.	Qty.	Description
53	1	Control Valve Grip

Note: This kit contains only one part (item 53).

Figure 17 - EDCH13015K Positioning Handle Kit

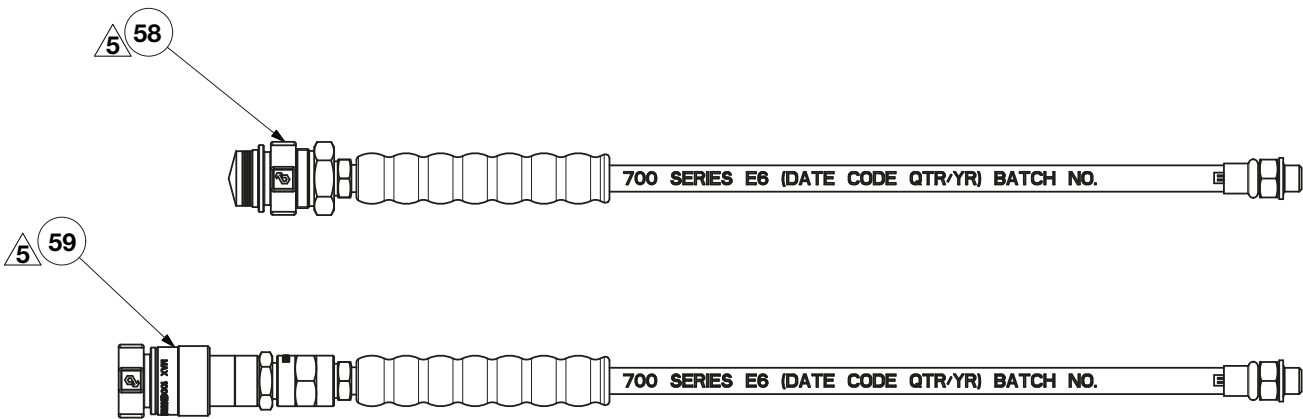


Parts List for Figure 17

Item No.	Qty.	Description
54	1	Grip
56	1	Rubber Sleeve

Note: Kit parts available in kits only. Items not sold separately.

Figure 18 - ECH500EK Hydraulic Hose Kit.



Note:
5 Apply LOCTITE 542.

Parts List for Figure 18		
Item No.	Qty.	Description
58	1	Male Hose
59	1	Female Hose
Note: Kit parts available in kits only. Items not sold separately.		

Notes:

- The decal kit contains decals used on many different cutter models.
- Replace only the decals used on your cutter. Discard the remaining decals in the kit.

