

	Repair Parts Sheet
	Cable and Rope Cutter Models EWCE55B & EWCE55E

Document Number	Document Revision	Document Revision Date	Product Date Code Beginning With
L4332	G	09/2024	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.

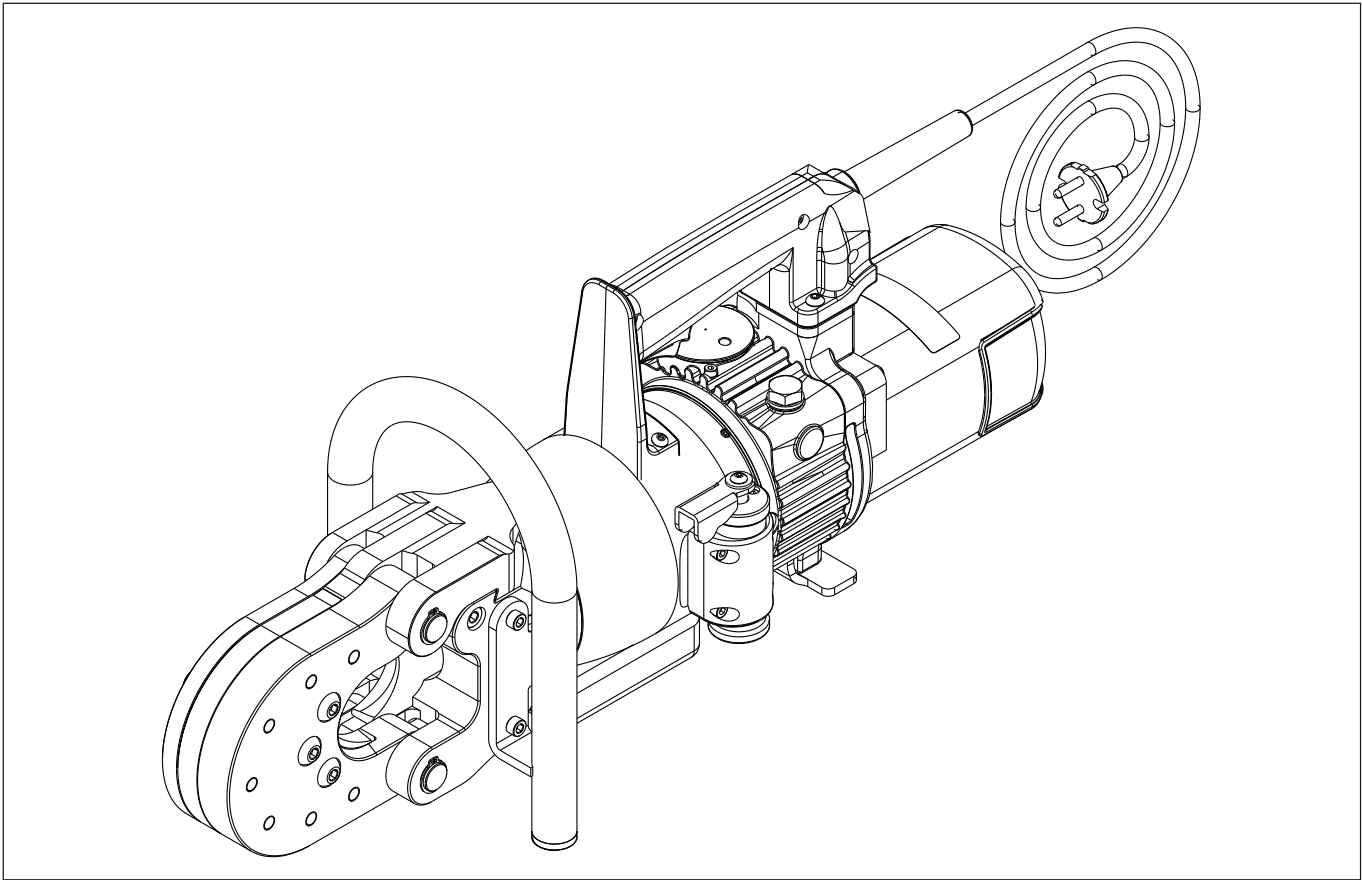


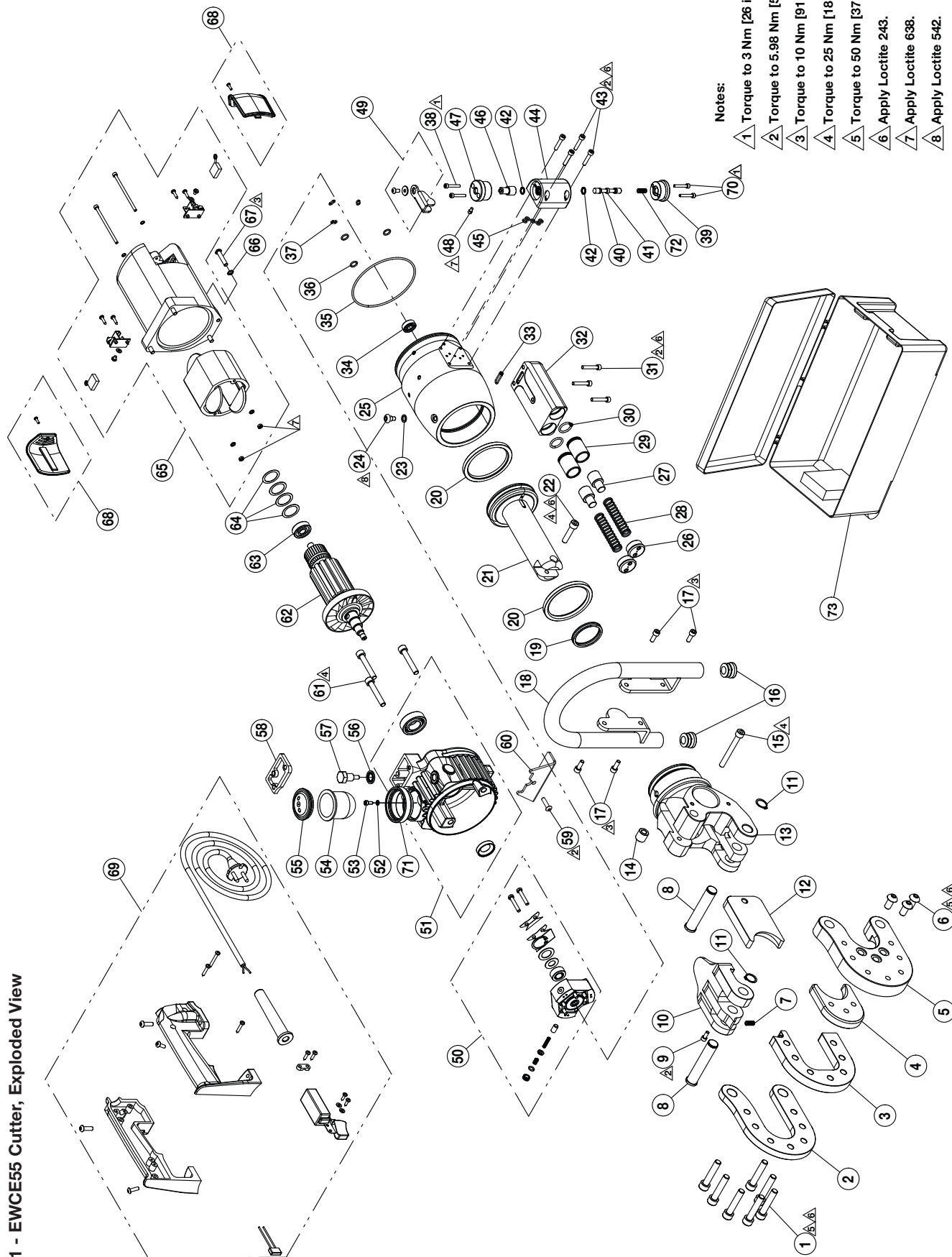
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⚠ WARNING Be certain that cutter is disconnected from AC power supply before beginning any adjustment, maintenance or repair procedures. Appropriate shop safety procedures are to be followed during disassembly and reassembly to minimize any possibility of injury.

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

Figure 1 - EWCE55 Cutter, Exploded View



Notes:

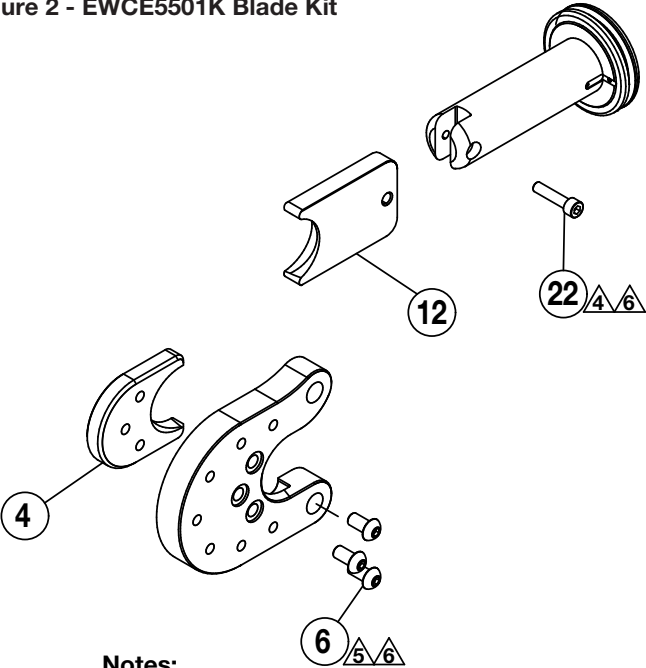
- 1 Torque to 3 Nm [26 in-lbs].
- 2 Torque to 5.98 Nm [52.9 in-lbs].
- 3 Torque to 10 Nm [91 in-lbs].
- 4 Torque to 25 Nm [18 ft-lbs].
- 5 Torque to 50 Nm [37 ft-lbs].
- 6 Apply Loctite 243.
- 7 Apply Loctite 638.
- 8 Apply Loctite 542.

Repair Parts List for Figure 1		
Item No.	Qty.	Description
1	7	Socket Cap Screw M10 x 50 12.9 UNI 5931 Zn
2	1	Support Plate
3	1	Spacer Per TF42
4	1	Fixed Blade
5	1	Fixed Blade Support
6	3	Button Screw M10 x 20 10.9 UNI 7380 Zn
7	1	Spring F.1 x e7 x 7 x Lo22 Rounded
8	2	Pin
9	1	Socket Cap Screw M5 x 8 UNI 5931 Zn Black
10	1	Hook
11	2	Snap Ring External D=17 UNI 7435
12	1	Moving Blade
13	1	Blades Support
14	1	Bushing
15	1	Socket Cap Screw M8 x 70 UNI 5931 Zn
16	2	Plastic Plug
17	4	Socket Cap Screw M6 x 16 UNI 5931 Zn
18	1	Handle Assembly
19	1	Gasket CSC 5244 52 x 44 x 6.5
20	2	Gasket NPU 085 85 x 69.5 x 6.3
21	1	Piston Assembly
22	1	Socket Cap Screw M8 x 34 UNI 5931 Zn
23	1	Flat Washer 8 x 12 x 1.4 Copper
24	1	Positioning Screw
25	1	Cylinder Base TF42
26	2	Cap
27	2	Spring Seat
28	2	Spring F.1.5 x e13 x 13.5 x Lo76 NIM Zn
29	2	Compensation Piston
30	2	O-Ring 2.62 x 17.82
31	3	Socket Cap Screw M5 x 30 UNI 593 Zn
32	1	Compensating Cylinder
33	1	O-Ring 14 x 1.78 90 SH
34	1	Bearing
35	1	O-Ring 156 107.62 x 2.62

Repair Parts List for Figure 1 (continued)		
Item No.	Qty.	Description
36	3	O-Ring 9.25 x 1.78
37	3	O-Ring 6.07 x 1.78
38	2	Socket Cap Screw M4 x 25 UNI5931 Zn
39	1	Spring Cap
40	1	Collar
41	1	Spool
42	2	Quad Ring 8.2 x 1.78
43	4	Socket Cap Screw M5 x 25 UNI 5931 Zn
44	1	Distributor Assembly
45	5	O-Ring 4.48 x 1.78 90 SH
46	1	Slider Pin
47	1	Cap With Hole
48	1	Fixing Screw
49	1	Lever Assembly
50	1	Pump Assembly
51	1	Tank Assembly
52	1	Bonded Seal Washer 4.10 x 7.20 x 1
53	1	Socket Cap Screw M4 x 10 UNI 5931 Zn
54	1	Diaphragm
55	1	Diaphragm Housing Lid
56	1	Bonded seal washer 1/4"
57	1	Magnetic Filter
58	1	Spacer
59	1	Button Screw M5 x 20 10.9 UNI 7380 Zn
60	1	Stand-Off Bracket
61	3	Socket Cap Screw M8 x 50 UNI 5931 Zn
62	1	Rotor Assembly
63	1	Bearing
64	4	Compensating Ring 29.7 x 22.5 x 0.5
65	1	Motor Assembly
66	4	Shnorr Washer M6 Zn
67	4	Button Screw M6 x 30 10.9 UNI 7380 Zn

Repair Parts List for Figure 1 (continued)		
Item No.	Qty.	Description
68	2	Brush Cover Assembly
69	1	Handle Assembly
70	2	Socket Cap Screw M4 x 16 UNI 5931 Zn
71	1	Spacer
72	1	Spring F.1 x e7 x 7 xLo14 rounded
73	1	Hard case
Note: Refer to Figures 2 through 22 for repair kit parts diagrams and additional information.		

Figure 2 - EWCE5501K Blade Kit



Notes:

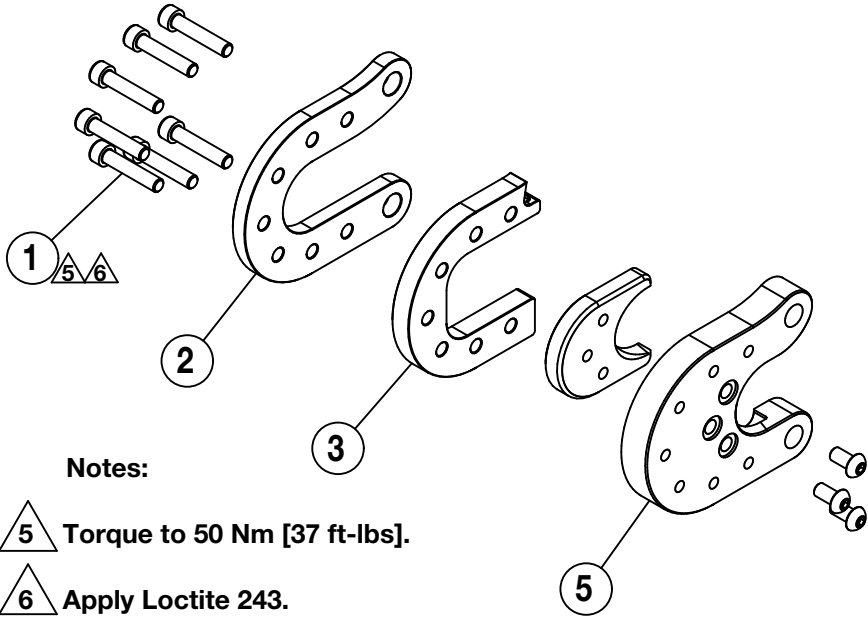
- 4 Torque to 25 Nm [18 ft-lbs].
- 5 Torque to 50 Nm [37 ft-lbs].
- 6 Apply Loctite 243.

Parts List for Figure 2

Item No.	Qty.	Description
4	1	Fixed Blade
6	3	Button Screw M10 x 20 10.9 UNI 7380 Zn
12	1	Moving Blade
22	1	Socket Cap Screw M8 x 35 UNI 5931 Zn

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

Figure 3 - EWCE5503K Guide Kit



Notes:

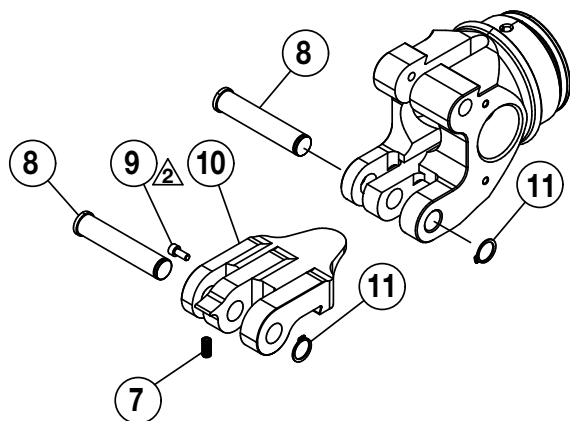
- 5 Torque to 50 Nm [37 ft-lbs].
- 6 Apply Loctite 243.

Parts List for Figure 3

Item No.	Qty.	Description
1	7	Socket Cap Screw M10 x 50 12.9 UNI 5931 Zn
2	1	Support Plate
3	1	Spacer Per TF42
5	1	Fixed Blade Support

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

Figure 4 - EWCE5505K Latch Kit



Note:

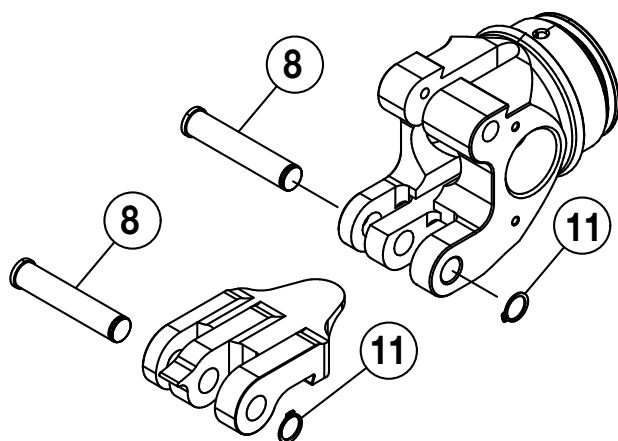
2 Torque to 5.98 Nm [52.9 in-lbs].

Parts List for Figure 4

Item No.	Qty.	Description
7	1	Spring F.1.25 x e92 x 7.5 x Lo22 Rounded
8	2	Pin
9	1	Socket Cap Screw M5 x 8 UNI 5931 Zn Black
10	1	Hook
11	2	Snap Ring External D=17 UNI 7435

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

Figure 5 - EWCE5506K Pin Kit

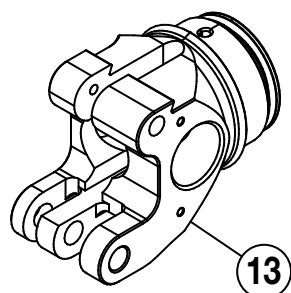


Parts List for Figure 5

Item No.	Qty.	Description
8	2	Pin
11	2	Snap Ring External D=17 UNI 7435

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

Figure 6 - EWCE5511K Head Kit

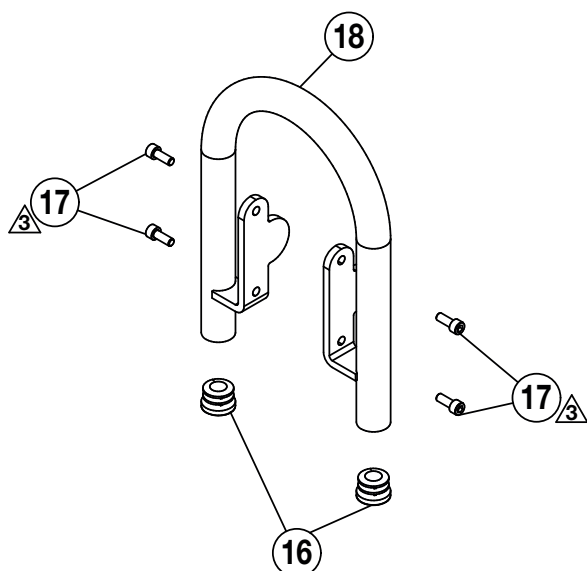


Parts List for Figure 6

Item No.	Qty.	Description
13	1	Blades Support

Note: This kit contains only one item. (Item 13)

Figure 7 - EWCE5507K Lift Kit



Note:

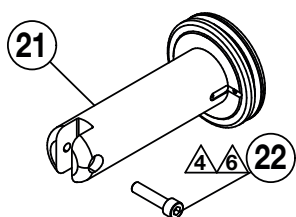
3 Torque to 10 Nm [91 in-lbs].

Parts List for Figure 7

Item No.	Qty.	Description
16	2	Plastic Plug
17	4	Socket Cap Screw M6 x 16 UNI 5931 Zn
18	1	Handle Assembly

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

Figure 8 - EWCE5504K Piston Kit



Notes:

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

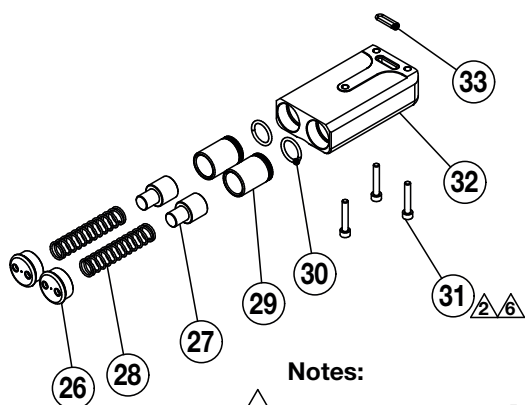
6 Apply Loctite 243.

Parts List for Figure 8

Item No.	Qty.	Description
21	1	Piston Assembly
22	1	Socket Cap Screw M8 x 34 UNI 5931 Zn

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

Figure 9 - EWCE5508K Compensator Kit



Notes:

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

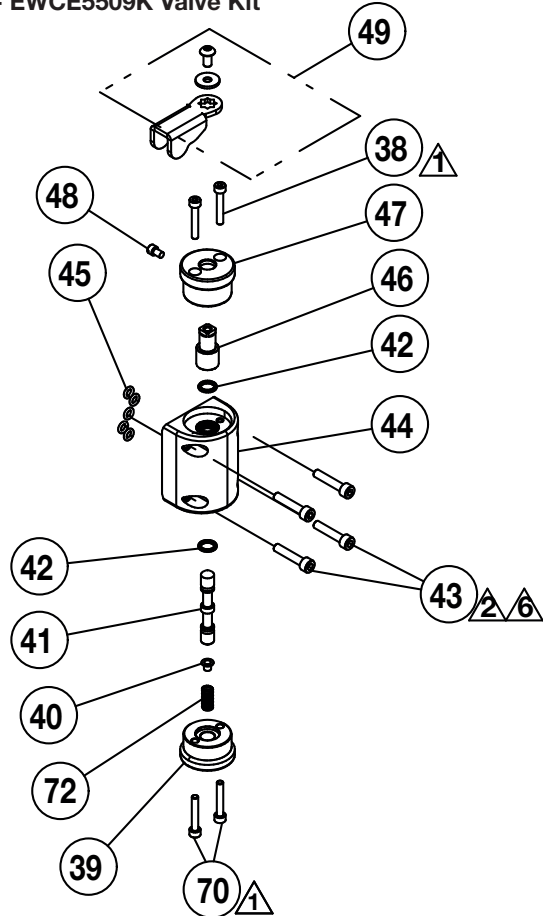
6 Apply Loctite 243.

Parts List for Figure 9

Item No.	Qty.	Description
26	2	Cap
27	2	Spring Seat
28	2	Spring F.1.5 x e13 x 13.5 x Lo76 NM Zn
29	2	Compensation Piston
30	2	O-Ring 2.62 x 17.82
31	3	Socket Cap Screw M5 x 30 UNI 593 Zn
32	1	Compensating Cylinder
33	1	O-Ring 14 x 1.78 90 SH

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

Figure 10 - EWCE5509K Valve Kit



Notes:

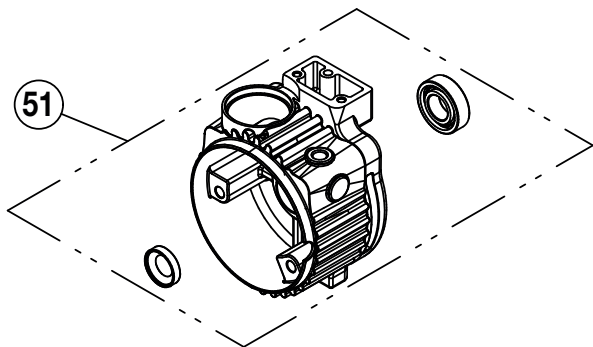
- 1 Torque to 3 Nm [26 in-lbs].
- 2 Torque to 5.98 Nm [52.9 in-lbs].
- 6 Apply Loctite 243.
- 7 Apply Loctite 638.

Parts List for Figure 10

Item No.	Qty.	Description
38	2	Socket Cap Screw M4 x 25 UNI5931 Zn
39	1	Spring Cap
40	1	Collar
41	1	Spool
42	2	Quad Ring 8.2 x 1.78
43	4	Socket Cap Screw M5 x 25 UNI 5931 Zn
44	1	Distributor Assembly
45	5	O-Ring 4.48 x 1.78 90 SH
46	1	Slider Pin
47	1	Cap With Hole
48	1	Fixing Screw
49	1	Lever Assembly
72	1	Spring F.1 x e7 x 7 x Lo14 Rounded

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

Figure 11 - EWCE5510K Tank Kit

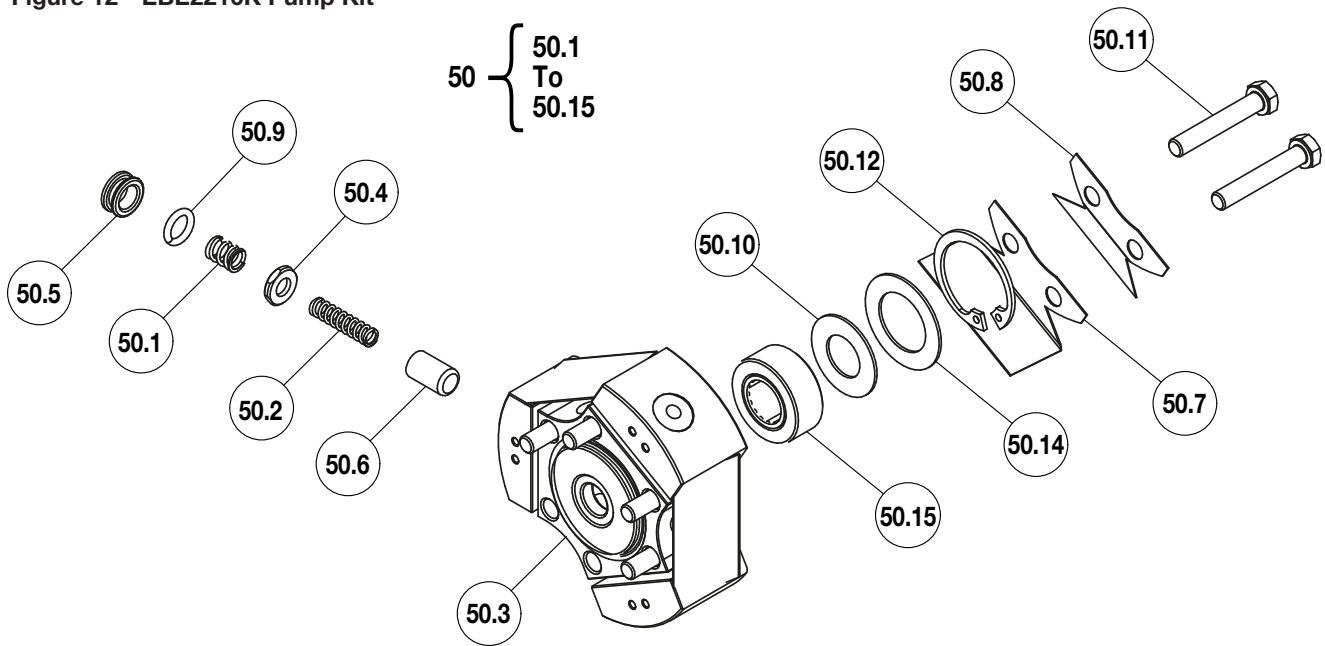


Parts List for Figure 11

Item No.	Qty.	Description
51	1	Tank Assembly

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

Figure 12 - EBE2210K Pump Kit



Parts List for Figure 12

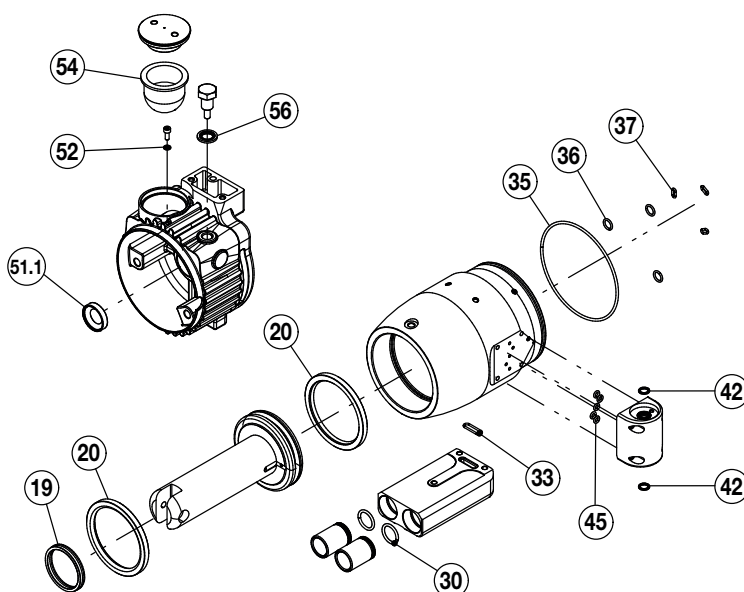
Item No.	Qty.	Description
50	1	Pump Assembly (includes parts 50.1 through 50.15)
50.1	3	Spring F.0.9 x e6.5 x 4.75 x Lo8.5
50.2	3	Spring F.0.8 x e5 x 11 x Lo20
50.3	1	Pump Body
50.4	3	Pump Valve
50.5	3	Valve Oil Cap
50.6	3	Pump Piston
50.7	3	Oil Filter

Parts List for Figure 12 (continued)

Item No.	Qty.	Description
50.8	3	Filter Support
50.9	3	O-Ring 6.75 x 1.78
50.10	1	Bearing R-R 12 x 24 x 9.8 INA RSTO 8
50.11	6	HXBT Screw M5 x 30 UNI 5739 Zn
50.12	1	Seeger Ring for Hole D=37 UNI 7437
50.13	1	Flat Washer 12.1 x 23 x 1
50.14	1	Flat Washer 17 x 26.8 x 1
50.15	1	Bearing R-R 12 x 24 x 9.8 INA RSTO 8

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

Figure 13 - EWCE5502K Seal Kit

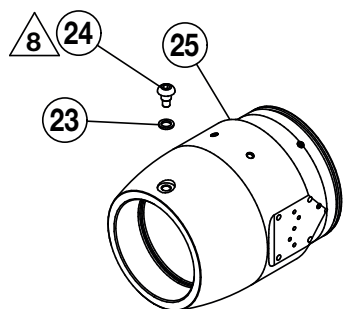


Parts List for Figure 13

Item No.	Qty.	Description
19	1	Gasket CSC 5244 52 x 44 x 6.5
20	2	Gasket NPU 085 85 x 69.5 x 6.3
30	2	O-Ring 2.62 x 17.82
33	1	O-Ring 14 x 1.78 90 SH
35	1	O-Ring 156 107.62 x 2.62
36	3	O-Ring 9.25 x 1.78
37	3	O-Ring 6.07 x 1.78
42	2	Quad Ring 8.2 x 1.78
45	5	O-Ring 4.48 x 1.78 90 SH
51.1	1	Oil Seal 17 x 30 x 7 GE NBR75% (MU20)
52	1	Bonded Seal Washer 4.10 x 7.20 x 1
54	1	Diaphragm
56	1	Bonded Seal Washer 1/4"

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

Figure 14 - EWCE5512K Cylinder Body Kit



Note:

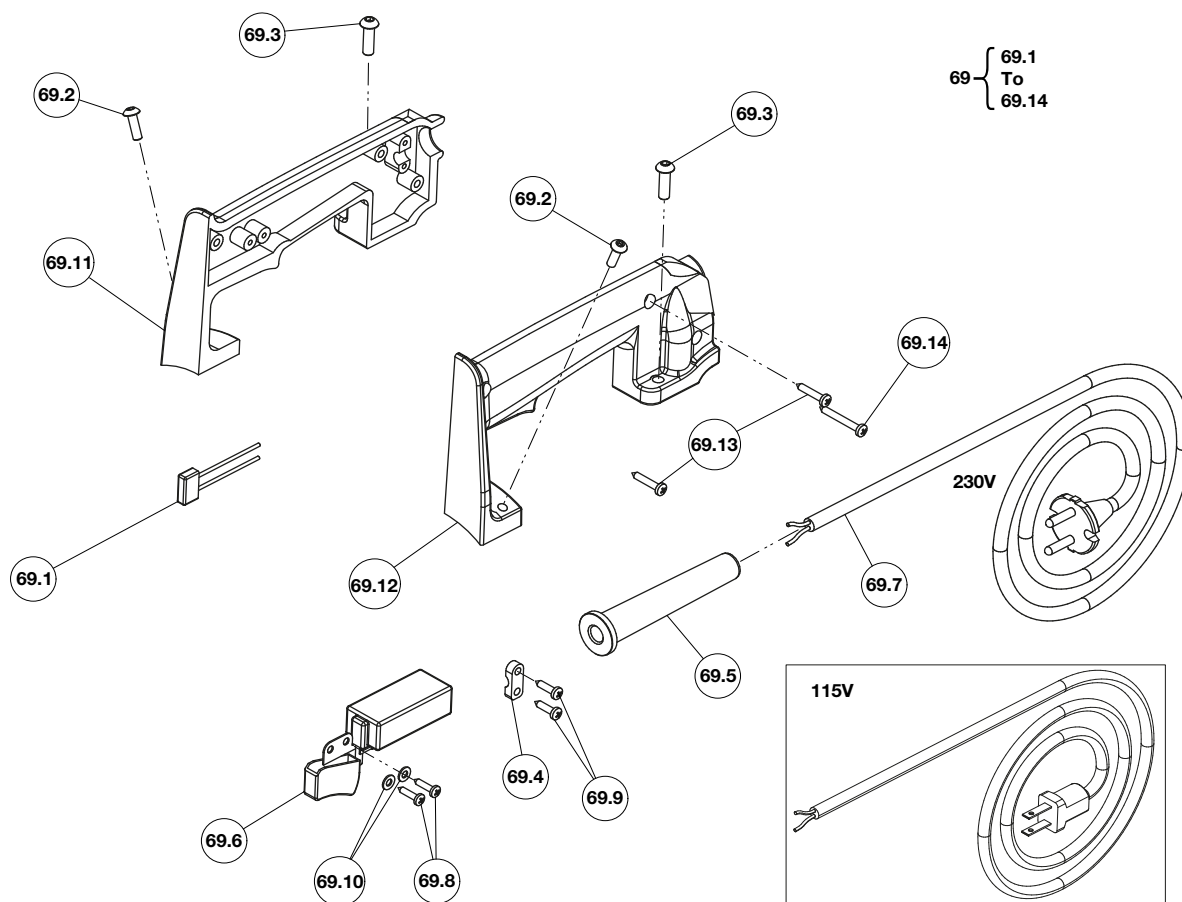
8 Apply Loctite 542.

Parts List for Figure 14

Item No.	Qty.	Description
23	1	Flat Washer 8 x 12 x 1.4 Copper
24	1	Positioning Screw
25	1	Cylinder Base TF42

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

Figure 15 - EBE2219K & EBE2204K Handle Kit



Parts List for Figure 15

Item No.	Qty.	Description
69	1	Handle Assembly (includes items 69.1 - 69.14)
69.1	1	Interference filter
69.2	2	Button Screw M5 x 16 10.9 UNI 7380 Zn
69.3	2	Button Screw M6 x 25 10.9 UNI 7380 Zn
69.4	1	Strain Relief Clamp
69.5	1	Grommet Sleeve
69.6	1	Switch
69.7	1	Power Supply Cable with Plug
69.8	2	Pan Head Screw 3.5 x 13 UNI 6954 Zn
69.9	2	Pan Head Screw 3.5 x 16 UNI 6954 Zn

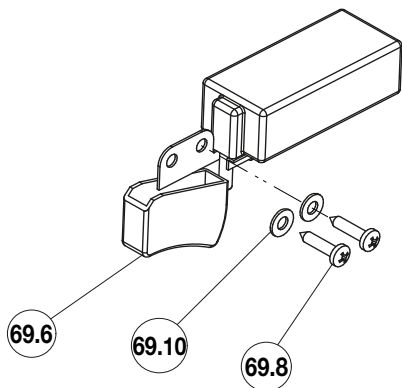
Parts List for Figure 15 (continued)

Item No.	Qty.	Description
69.10	2	Flat Washer M4 UNI 6592 Zn
69.11	1	Right Half-Handle
69.12	1	Left Half-Handle
69.13	2	Pan Head Screw 3.9 x 22 UNI 6954 Zn
69.14	1	Pan Head Screw 3.9 x 32 UNI 6954 Zn

Notes:

- Handle Kit EBE2219K - Includes parts for 115V cutter, Model EWCE55B.
- Handle Kit EBE2204K - Includes parts for 230V cutter, Model EWCE55E.
- Kit parts available only in kits. Items not sold separately.

Figure 16 - EBE2223K & EBE2203K Switch Kit



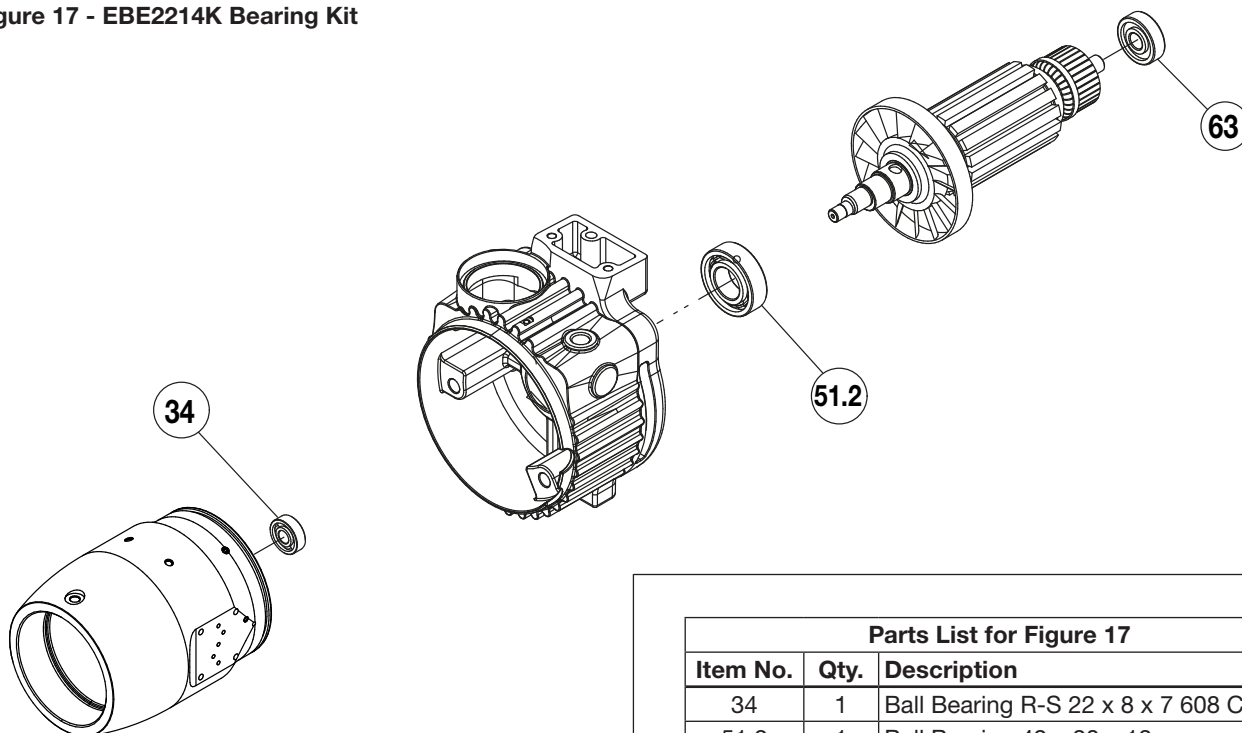
Parts List for Figure 16

Item No.	Qty.	Description
69.6	1	Switch
69.8	2	Pan Head Screw 3.5 x 13 UNI 6954 Zn
69.10	2	Flat Washer M4 UNI 6592 Zn

Notes:

- Switch Kit EBE2223K - Includes switch and hardware for 115V cutter, Model EWCE55B.
- Switch Kit EBE2203K - Includes switch and hardware for 230V cutter, Model EWCE55E.
- Kit parts available only in kits. Items not sold separately.

Figure 17 - EBE2214K Bearing Kit

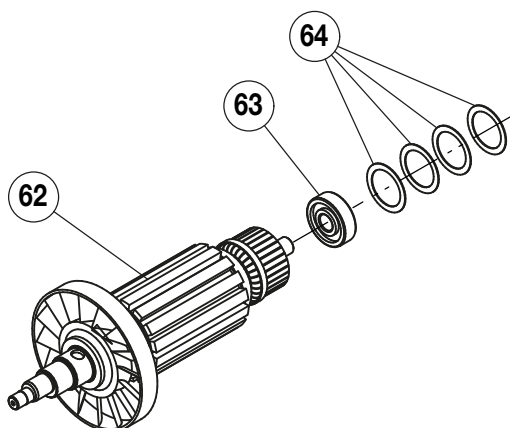


Parts List for Figure 17

Item No.	Qty.	Description
34	1	Ball Bearing R-S 22 x 8 x 7 608 C3
51.2	1	Ball Bearing 42 x 20 x 12
63	1	Bearing

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

Figure 18 - EBE2211K & EBE2220K Rotor Kit



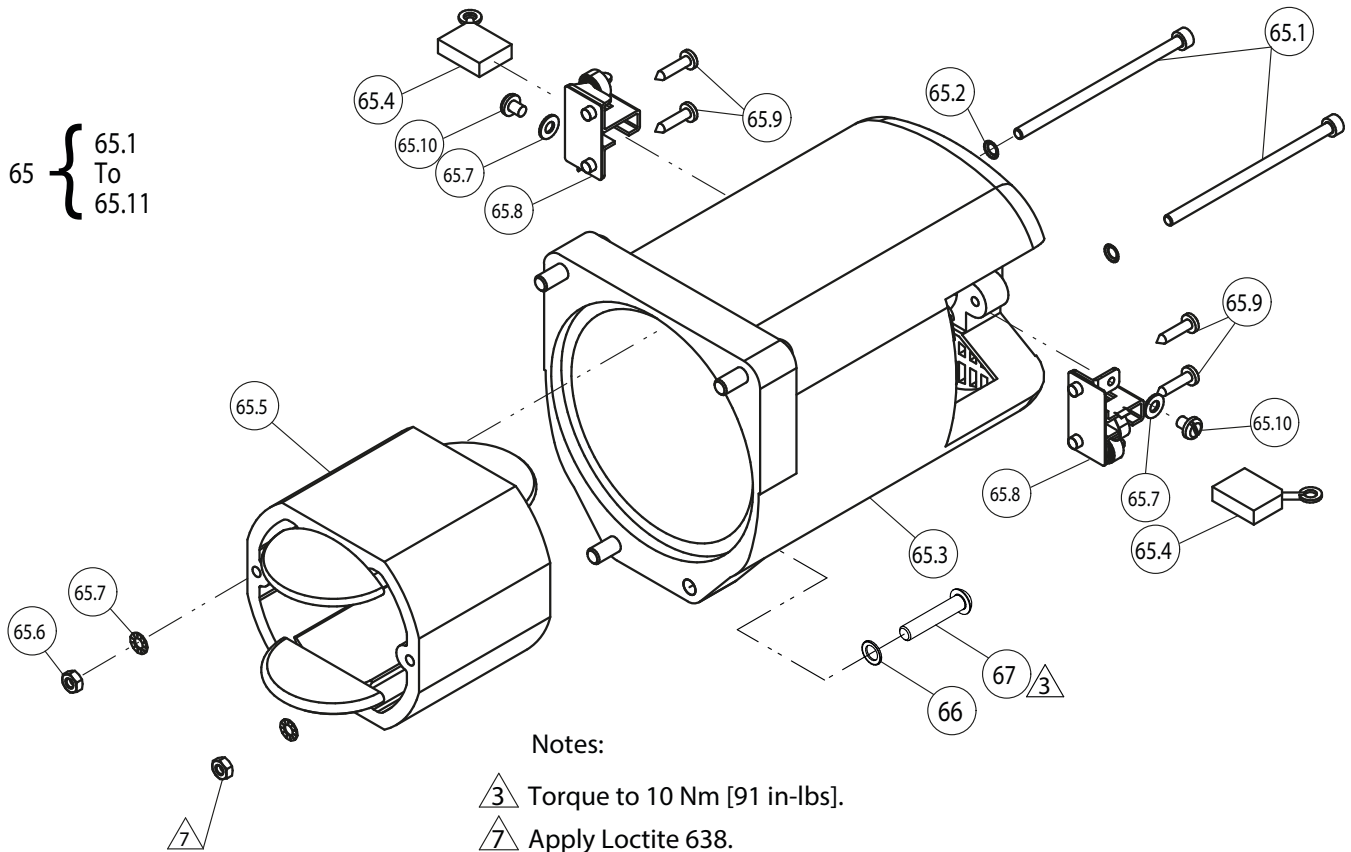
Parts List for Figure 18

Item No.	Qty.	Description
62	1	Rotor Assembly
63	1	Bearing
64	4	Compensating Ring 29.7 x 22.5 x 0.5

Notes:

- Rotor Kit EBE2220K - Includes parts for 115V cutter, Model EWCE55B.
- Rotor Kit EBE2211K - Includes parts for 230V cutter, Model EWCE55E.
- Kit parts available only in kits. Items not sold separately.

Figure 19 - EBE2212K & EBE2221K Motor Kit



Parts List for Figure 19

Item No.	Qty.	Description
65	1	Motor Assembly (Includes items 65.1 through 65.10)
65.1	2	Socket Cap Screw M4 x 80 UNI5931 Zn
65.2	2	Schnorr Washer M4 Zn
65.3	1	Motor Housing
65.4	2	Carbon Brush
65.5	1	Stator
65.6	2	Nut M4 UNI 5588 Zn
65.7	4	External Tooth Lock Washer D4
65.8	2	Brush Support Assembly MU22N
65.9	4	Pan Head Screw 3.5 x 16 UNI 6954 Zn
65.10	2	Screw TCTC M4 x 5 UNI 6107 Brass

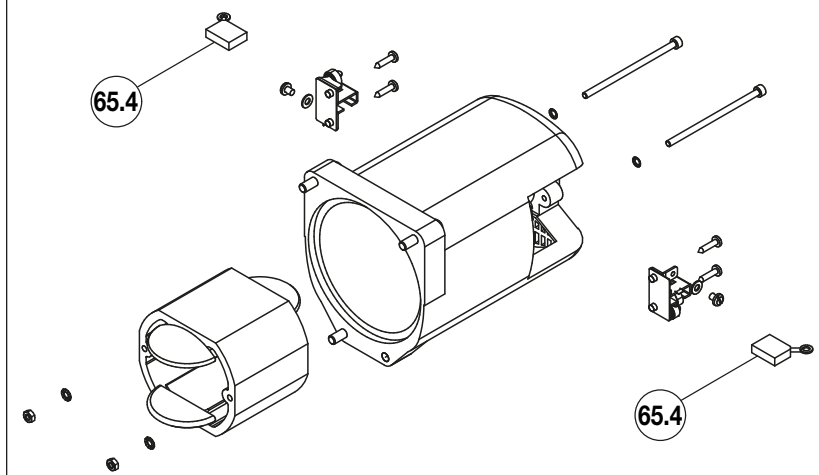
Parts List for Figure 19 (Continued)

Item No.	Qty.	Description
66	4	Shnorr Washer M6 Zn
67	4	Button Screw M6 x 30 10.9 UNI 7380 Zn

Notes:

- Motor Kit EBE2221K - Includes parts used on 115V cutter, Model EWCE55B.
- Motor Kit EBE2212K - Includes parts used on 230V cutter, Model EWCE55E.
- Carbon Brush (item 65.4) and stator (item 65.5) are different for 115V and 230V models. Be sure to order the correct kit for your cutter model.
- Kit parts available only in kits. Items not sold separately.

Figure 20 - EBE2222K and EBE2215K Brush Kit



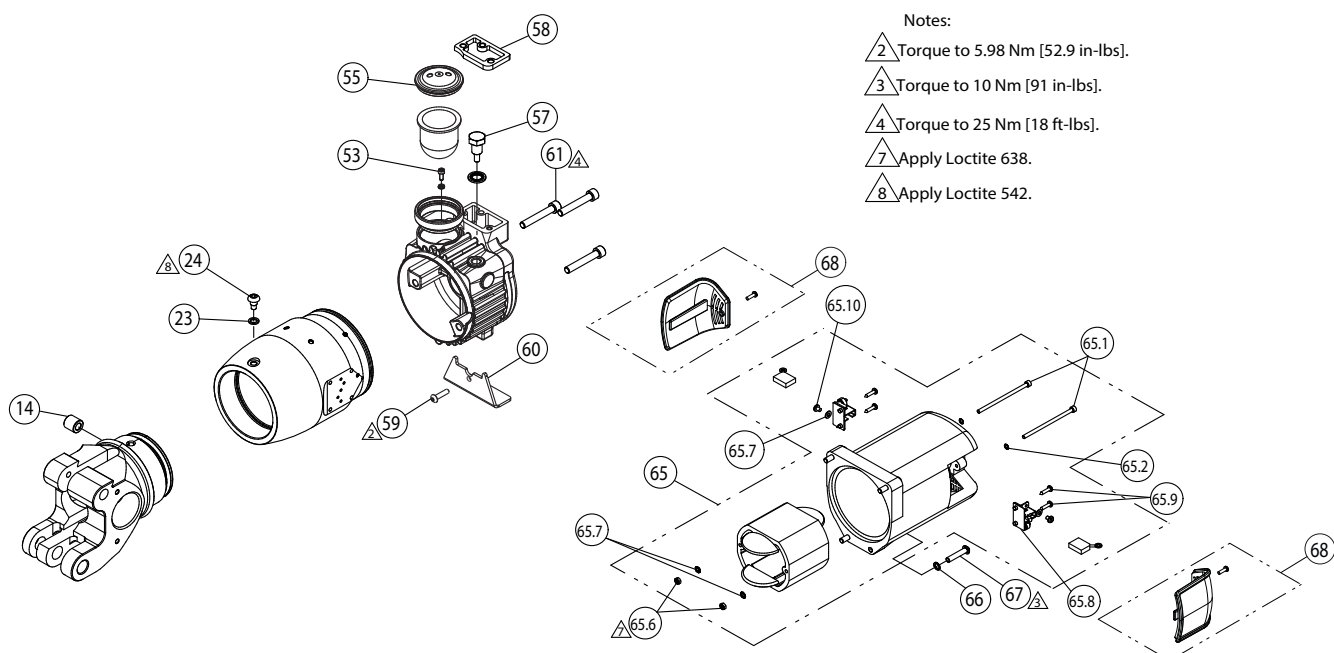
Parts List for Figure 20

Item No.	Qty.	Description
65.4	2	Carbon Brush

Notes:

- Brush Kit EBE2222K - Includes brushes used on 115V cutter, Model EWCE55B.
- Brush Kit EBE2215K - Includes brushes used on 230V cutter, Model EWCE55E.
- Carbon brushes are different for 115V and 230V models. Be sure to order the correct kit for your cutter model.

Figure 21 - EWCE5513K Small Parts Kit



Parts List for Figure 21		
Item No.	Qty.	Description
14	1	Bushing
23	1	Flat washer 8 x 12 x 1.4 Copper
24	1	Positioning Screw
53	1	Socket Cap Screw M4 x 10 UNI 5931 Zn
55	1	Diaphragm Housing Lid
57	1	Magnetic Filter
58	1	Spacer
59	1	Button Screw M5 x 20 10.9 UNI 7380 Zn
60	1	Stand-Off Bracket
61	3	Socket Cap Screw M8 x 50 UNI 5931 Zn
65.1	2	Socket Cap Screw M4 x 80 UNI5931 Zn

Parts List for Figure 21 (continued)		
Item No.	Qty.	Description
65.2	2	Schnorr Washer M4 Zn
65.6	2	Nut M4 UNI 5588 Zn
65.7	4	External Tooth Lock Washer D4
65.8	2	Brush Support Assembly MU22N
65.9	4	Pan Head Screw 3.5 x 16 UNI 6954 Zn
65.10	2	Screw TCTC M4 x 5 UNI 6107 Brass
66	4	Shnorr Washer M6 Zn
67	4	Button Screw M6 x 30 10.9 UNI 7380 Zn
68	2	Brush Cover Assembly
Notes: Kit parts available only in kits. Items not sold separately.		

Figure 22 - DKSCOMP Decal Kit

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.