

Document Number	Document Revision	Document Revision Date	Product Date Code Beginning With
L4334	G	09/2021	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.

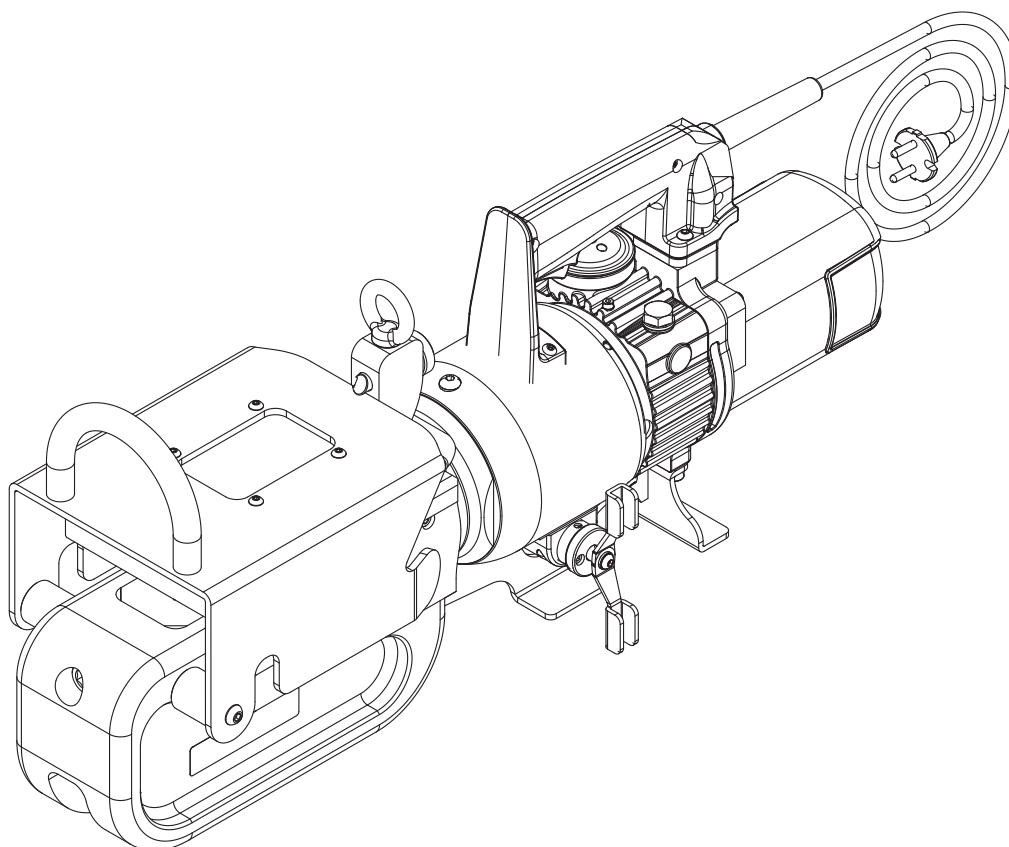


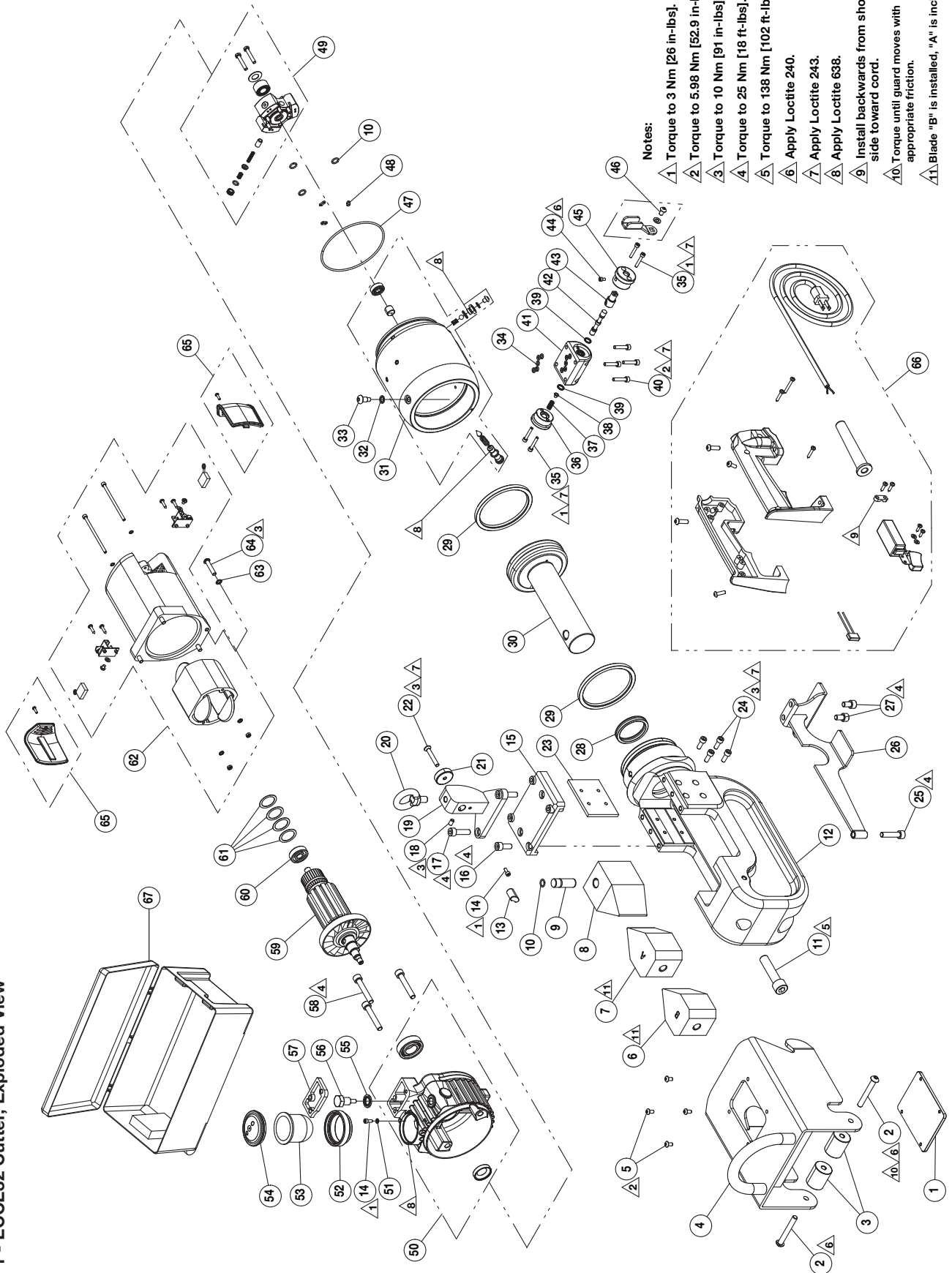
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⚠ WARNING Be certain that cutter is disconnected from AC power supply before beginning any adjustment, maintenance or repair procedures. Appropriate shop safety procedures are to be followed during disassembly and reassembly to minimize any possibility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

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

Figure 1 - ECCE32 Cutter, Exploded View

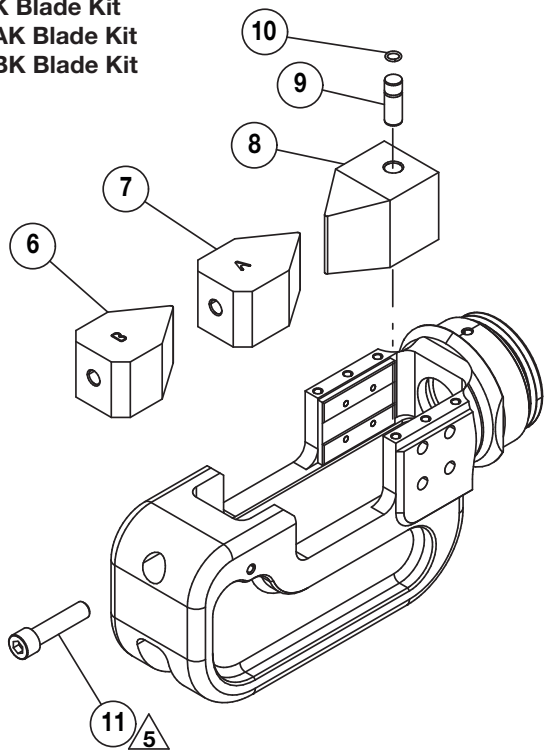


Repair Parts List for Figure 1		
Item No.	Qty.	Description
1	1	Transparent Screen
2	2	Button Screw M8 x 60 10.9 7380 Zn
3	2	Spacer Sleeve
4	1	Guard Assembly
5	4	Button Screw M5 x 10 10.9 UNI 7380 Zn
6	1	Fixed Blade (Short Version)
7	1	Fixed Blade (Long Version)
8	1	Moving Blade
9	1	Positioning Pin
10	4	O-Ring 9.25 x 1.78
11	1	Socket Cap Screw M14 x 60 UNI 5931 Zn
12	1	Head
13	1	Locking Pin
14	2	Socket Cap Screw M4 x 10 UNI 5931 Zn
15	1	Jumper
16	4	Socket Cap Screw M8 x 20 UNI 5931 Zn
17	2	Socket Cap Screw M8 x 30 UNI 5931 Zn
18	1	Set Screw M6 x 10
19	1	Locking Guard Assembly
20	1	Eye Bolt M10
21	1	Unlocking Sleeve
22	1	Countersunk Head Screw M6 x 40 10.9 UNI 5933 Zn
23	2	Sliding Guide
24	8	Socket Cap Screw M6 x 16 UNI 5931 Zn
25	1	Socket Cap Screw M8 x 35 UNI 5931 Zn
26	1	Stand-Off Bracket
27	2	Socket Cap Screw M8 x 14 UNI 5931 Zn
28	1	Gasket CSC 56 x 46 x 8
29	2	Gasket NPU100 100 x 84.5 x 6.3
30	1	Piston Assembly
31	1	Cylinder Assembly
32	1	Flat Washer 8 x 12 x 1.4 Copper
33	1	Positioning Screw
34	5	O-Ring 4.48 x 1.78 90 SH
35	2	Socket Cap Screw M4 x 25 UNI5931 Zn
36	1	Spring Cap

Repair Parts List for Figure 1 (continued)		
Item No.	Qty.	Description
37	1	Spring F.1 x e7 x 7 x Lo14 Rounded
38	1	Collar
39	2	Quad Ring 8.2 x 1.78
40	4	Socket Cap Screw M5 x 25 UNI 5931 Zn
41	1	Distributor Assembly
42	1	Spool
43	1	Spool Pin
44	1	Positioning Screw
45	1	Cap With Hole
46	1	Lever Assembly
47	1	O-Ring 107.62 x 2.62
48	3	O-Ring 6.07 x 1.78
49	1	Pump Assembly TC26
50	1	Tank Assembly
51	1	Bonded Seal Washer 4.10 x 7.20 x 1
52	1	Extension
53	1	Diaphragm
54	1	Diaphragm Housing Lid
55	1	Bonded Seal Washer 1/4"
56	1	Magnetic Filter
57	1	Spacer
58	3	Socket Cap Screw M8 x 50 UNI 5931 Zn
59	1	Rotor Assembly
60	1	Bearing
61	4	Compensating Ring 29,7 x 22,5 x 0,5
62	1	Motor Assembly MU22
63	4	Schnorr Washer M6 Zn
64	4	Button Screw M6 x 30 10.9 UNI 7380 Zn
65	2	Brush Cover Assembly
66	1	Handle Assembly
67	2	Socket Cap Screw M4 x 16 UNI 5931 Zn
68	1	Hard Case
Note: Refer to Figures 2 through 21 for repair kit parts diagrams and additional information.		

Figure 2 - Blade Kits

- ECCE3201K Blade Kit
- ECCE3201AK Blade Kit
- ECCE3201BK Blade Kit



Notes:

5 Torque to 138 Nm [102 ft-lbs].

Parts List for Figure 2 - ECCE3201K Blade Kit

Item No.	Qty.	Description
6	1	Fixed Blade B (Short Version)
7	1	Fixed Blade A (Long Version)
8	1	Moving Blade
9	1	Positioning Pin
10	1	O-Ring 9.25 x 1.78
11	1	Socket Cap Screw M14 x 60 UNI 5931 Zn

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

Parts List for Figure 2 - ECCE3201AK Blade Kit

Item No.	Qty.	Description
7	1	Fixed Blade A (Long Version)
8	1	Moving Blade
9	1	Positioning Pin
10	1	O-Ring 9.25 x 1.78
11	1	Socket Cap Screw M14 x 60 UNI 5931 Zn

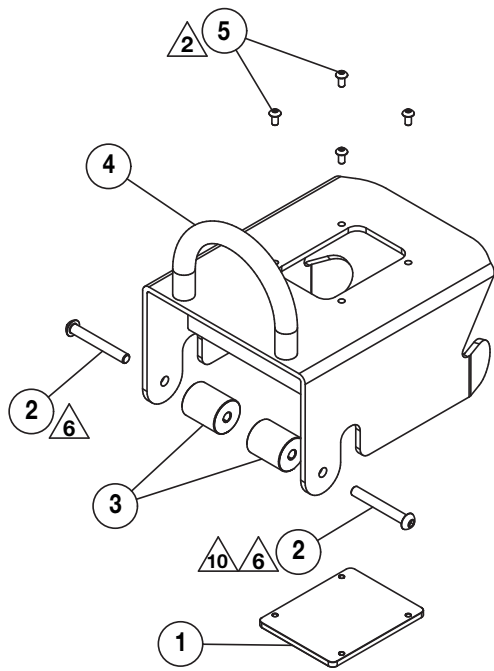
Note: Kit parts available only in kits.
Items not sold separately.

Parts List for Figure 2 - ECCE3201BK Blade Kit

Item No.	Qty.	Description
6	1	Fixed Blade B (Short Version)
8	1	Moving Blade
9	1	Positioning Pin
10	1	O-Ring 9.25 x 1.78
11	1	Socket Cap Screw M14 x 60 UNI 5931 Zn

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

Figure 3 - ECCE3202K Guard Kit



Notes:

- 2 Torque to 5.98 Nm [52.9 in-lbs].
- 6 Apply Loctite 240.
- 10 Torque until guard moves with appropriate friction.

Parts List for Figure 3

Item No.	Qty.	Description
1	1	Transparent Screen
2	2	Button Screw M8 x 60 10.9 7380 Zn
3	2	Spacer Sleeve
4	1	Guard Assembly
5	4	Button Screw M5 x 10 10.9 UNI 7380 Zn

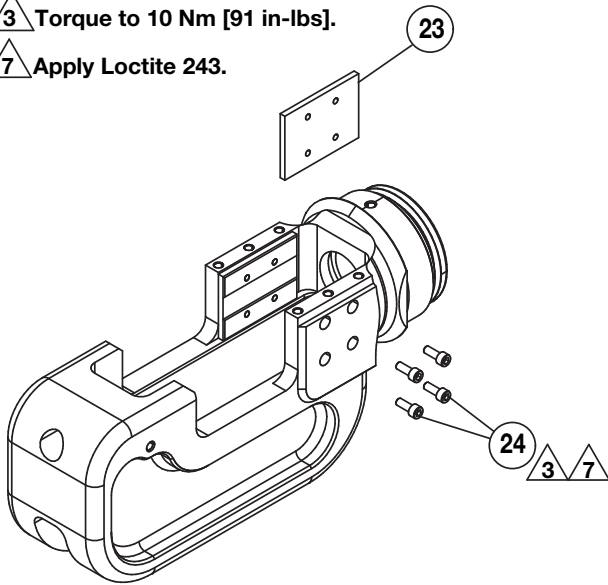
Note: Kit parts available only in kits. Items not sold separately.

Figure 4 - ECCE3205K Guide Kit

Notes:

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

7 Apply Loctite 243.

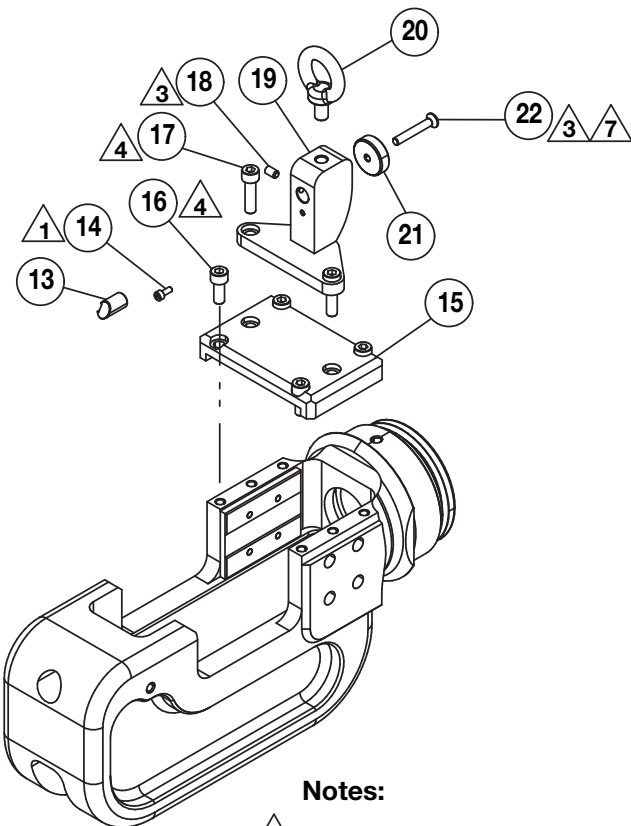


Parts List for Figure 4

Item No.	Qty.	Description
23	2	Sliding Guide
24	8	Socket Cap Screw M6 x 16 UNI 5931 Zn

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

Figure 5 - ECCE3204K Top Cover Kit



Notes:

1 Torque to 3 Nm [26 in-lbs].

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

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

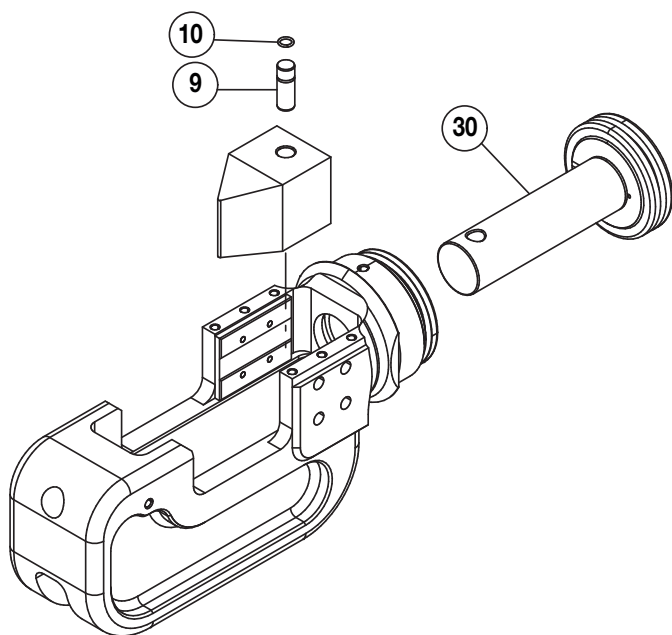
7 Apply Loctite 243.

Parts List for Figure 5

Item No.	Qty.	Description
13	1	Locking Pin
14	2	Socket Cap Screw M4 x 10 UNI 5931 Zn
15	1	Jumper
16	4	Socket Cap Screw M8 x 20 UNI 5931 Zn
17	2	Socket Cap Screw M8 x 30 UNI 5931 Zn
18	1	Set Screw M6 x 10
19	1	Locking Guard Assembly
20	1	Eye Bolt M10
21	1	Unlocking Sleeve
22	1	Countersunk Head Screw M6 x 40 10.9 UNI 5933 Zn

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

Figure 6 - ECCE3203K Piston Kit

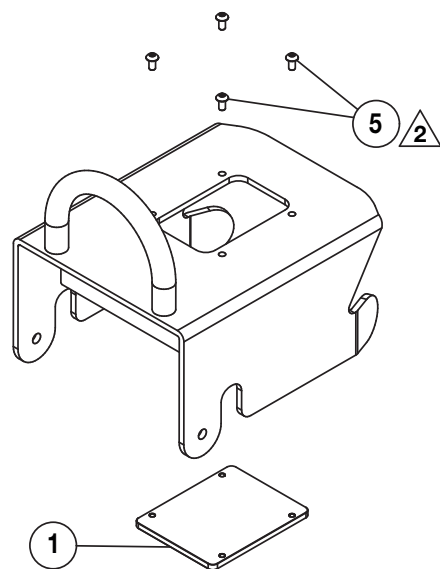


Parts List for Figure 6

Item No.	Qty.	Description
9	1	Positioning Pin
10	1	O-Ring 9.25 x 1.78
30	1	Piston Assembly

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

Figure 7 - ECCE2606K Guard Window Kit



Note:

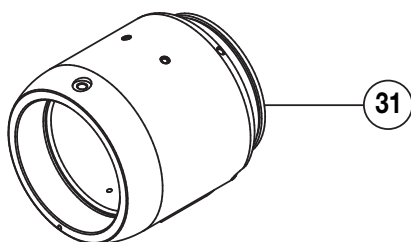
2 Torque to 5.98 Nm [52.9 in-lbs].

Parts List for Figure 7

Item No.	Qty.	Description
1	1	Transparent Screen
5	4	Button Screw M5 x 10 10.9 UNI 7380 Zn

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

Figure 8 - ECCE3207K Cylinder Body Kit

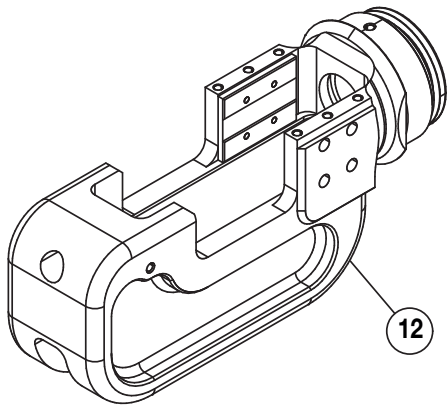


Parts List for Figure 8

Item No.	Qty.	Description
31	1	Cylinder Assembly

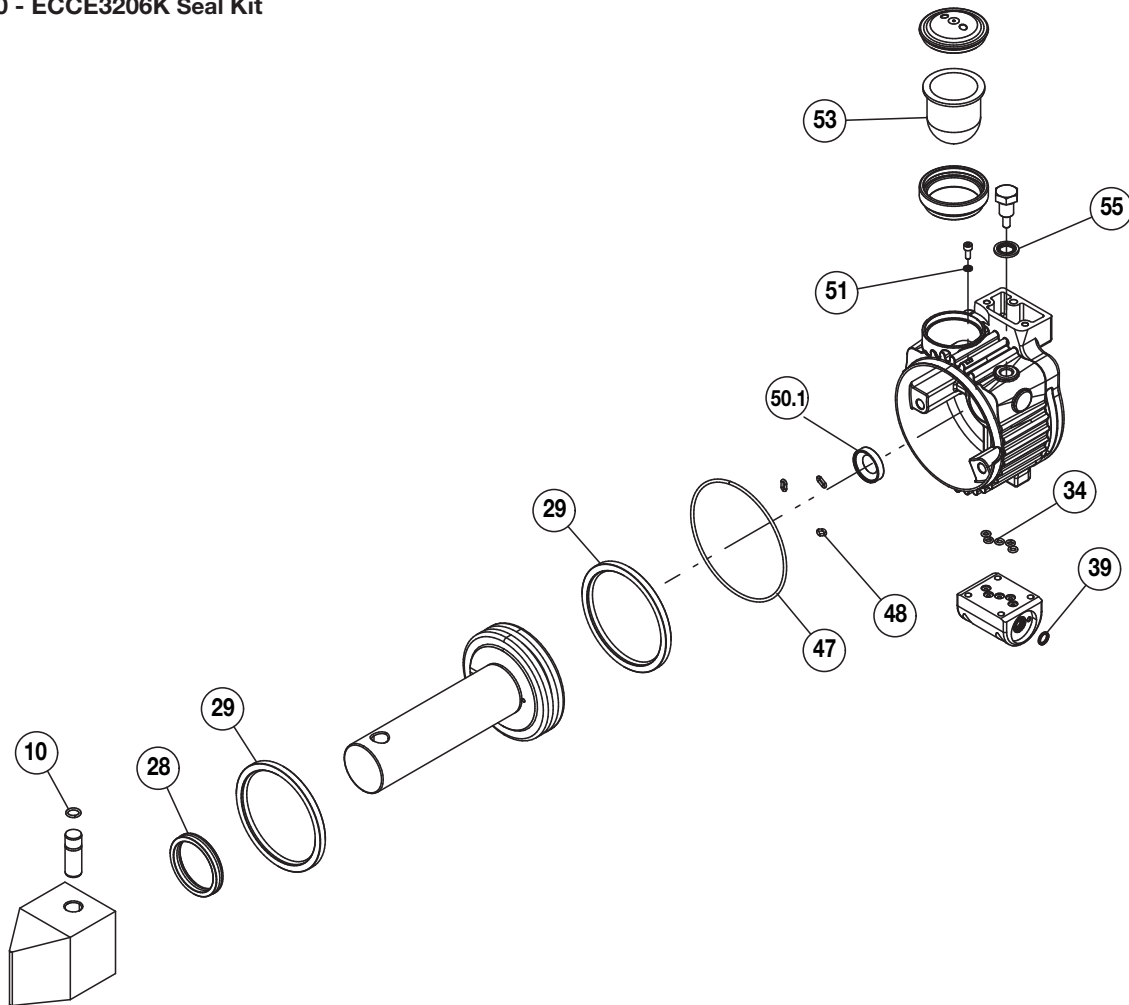
Note: This kit contains only one item. (Item 31)

Figure 9 - ECCE3211K Head Kit



Parts List for Figure 9		
Item No.	Qty.	Description
12	1	Head
Note: This kit contains only one item. (Item 12)		

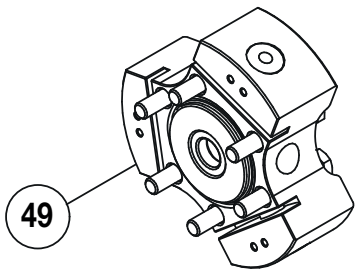
Figure 10 - ECCE3206K Seal Kit



Parts List for Figure 10		
Item No.	Qty.	Description
10	4	O-Ring 9.25 x 1.78
28	1	Gasket CSC 56 x 46 x 8
29	2	Gasket NPU100 100 x 84.5 x 6.3
34	5	O-Ring 4.48 x 1.78 90 SH
39	2	Quad Ring 8.2 x 1.78
47	1	O-Ring 107.62 x 2.62
48	3	O-Ring 6.07 x 1.78

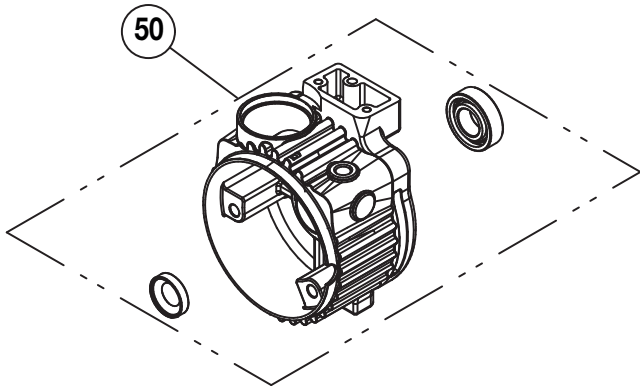
Parts List for Figure 10 (continued)		
Item No.	Qty.	Description
50.1	1	Oil Seal 17 x 30 x 7
51	1	Bonded Seal Washer 4.10 x 7.20 x 1
53	1	Diaphragm
55	1	Bonded Seal Washer 1/4"
Note: Kit parts available only in kits. Items not sold separately.		

Figure 11 - ECCE2613K Pump Kit



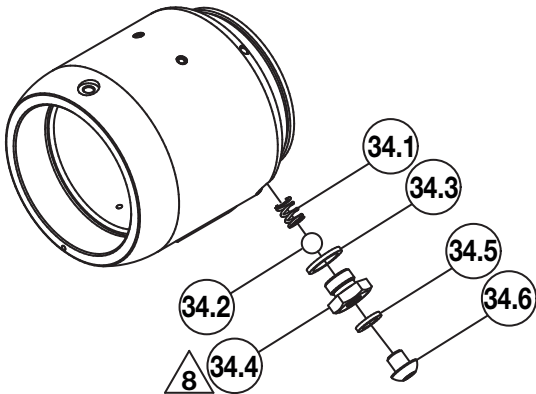
Parts List for Figure 11		
Item No.	Qty.	Description
49	1	Pump assembly TC26
Note: Kit parts available only in kits. Items not sold separately.		

Figure 12 - ECCE3212K Tank Kit



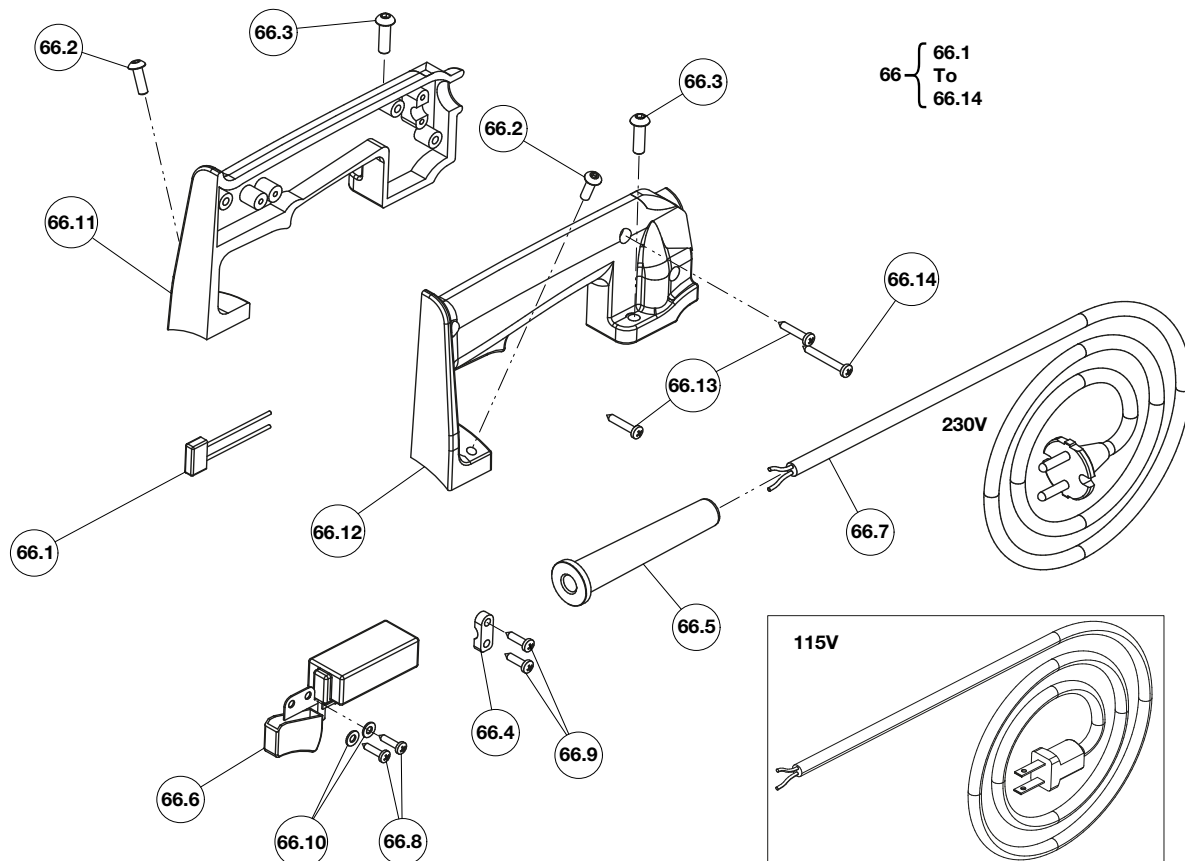
Parts List for Figure 12		
Item No.	Qty.	Description
50	1	Tank Assembly
Note: Kit parts available only in kits. Items not sold separately.		

Figure 13- ECCE3209K Gauge Port Kit



Parts List for Figure 13		
Item No.	Qty.	Description
31.1	1	Spring F.0.9 x e6.5 x 4.75 x Lo8.5 Rounded
31.2	1	Steel Ball D.5
31.3	1	Flat Washer 10.4 x 13.8 x 1.5 Copper
31.4	1	Plug M10 x 1 Hole M6
31.5	1	Flat Washer 6.3 x 9.8 x 1.4 Copper
31.6	1	Button M6 x 6 ISO 7380 A2 Stainless
Note: Kit parts available only in kits. Items not sold separately.		

Figure 14 - EBE2219K & EBE2204K Handle Kit



Parts List for Figure 14

Item No.	Qty.	Description
66	1	Handle Assembly (includes items 66.1 - 66.14)
66.1	1	Interference filter
66.2	2	Button Screw M5 x 16 10.9 UNI 7380 Zn
66.3	2	Button Screw M6 x 20 10.9 UNI 7380 Zn
66.4	1	Strain Relief Clamp
66.5	1	Grommet Sleeve
66.6	1	Switch (See Figure 16)
66.7	1	Power Supply Cable with Plug
66.8	2	Pan Head Screw 3.5 x 13 UNI 6954 Zn
66.9	2	Pan Head Screw 3.9 x 16 UNI 6954 Zn

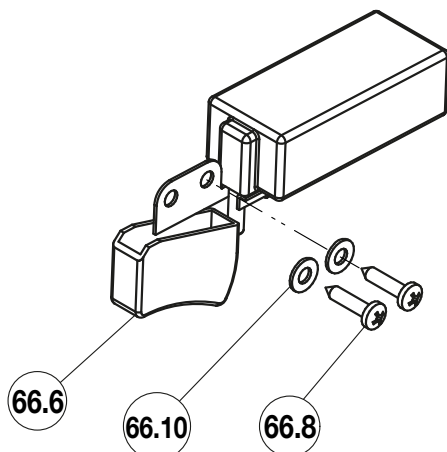
Parts List for Figure 14 (continued)

Item No.	Qty.	Description
66.10	2	Flat Washer M4 UNI 6592 Zn
66.11	1	Right Half-Handle
66.12	1	Left Half-Handle
66.13	2	Pan Head Screw 3.9 x 22 UNI 6954 Zn
66.14	1	Pan Head Screw 3.9 x 32 UNI 6954 Zn

Notes:

- Handle Kit EBE2219K - Includes parts for 115V cutter, Model ECCE32B.
- Handle Kit EBE2204K - Includes parts for 230V cutter, Model ECCE32E.
- Kit parts available only in kits. Items not sold separately.

Figure 15 - EBE2223K & EBE2203K Switch Kit



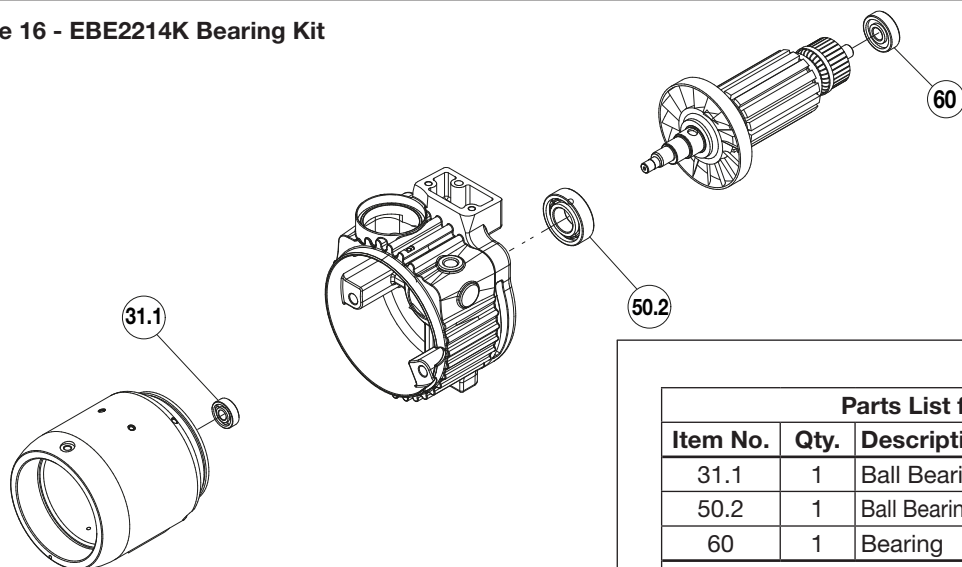
Parts List for Figure 15

Item No.	Qty.	Description
66.6	1	Switch
66.8	2	Pan Head Screw 3.5 x 13 UNI 6954 Zn
66.10	2	Flat Washer M4 UNI 6592 Zn

Notes:

- Switch Kit EBE2223K - Includes switch and hardware for 115V cutter, Model ECCE32B.
- Switch Kit EBE2203K - Includes switch and hardware for 230V cutter, Model ECCE32E.
- Kit parts available only in kits. Items not sold separately.

Figure 16 - EBE2214K Bearing Kit

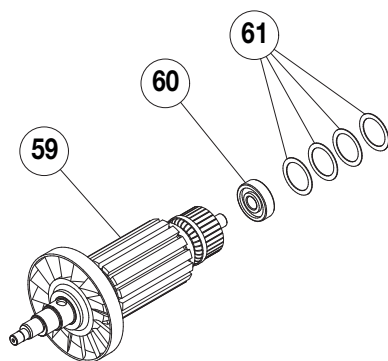


Parts List for Figure 16

Item No.	Qty.	Description
31.1	1	Ball Bearing R-S 22 x 8 x 7 608 C3
50.2	1	Ball Bearing R-S 6004 42 x 20 x 12 ZZ C3
60	1	Bearing

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

Figure 17 - EBE2211K & EBE2220K Rotor Kit



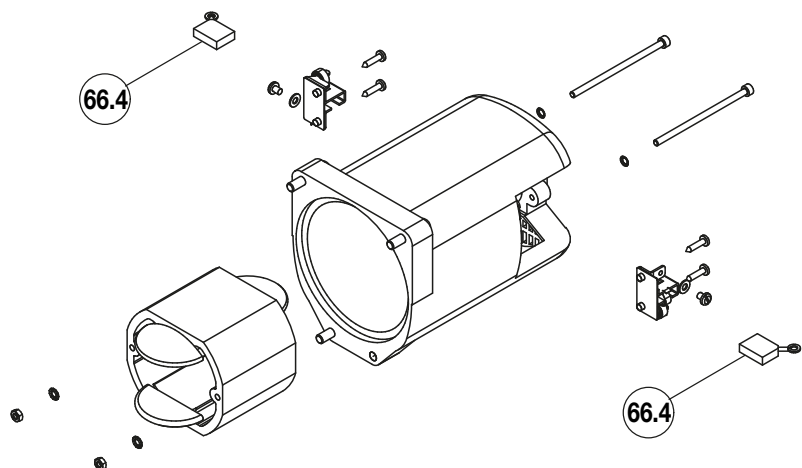
Parts List for Figure 17

Item No.	Qty.	Description
59	1	Rotor Assembly
60	1	Bearing
61	4	Compensating Ring 29,7 x 22,5 x 0,5

Notes:

- Rotor Kit EBE2220K - Includes parts for 115V cutter, Model ECCE32B.
- Rotor Kit EBE2211K - Includes parts for 230V cutter, Model ECCE32E.
- Kit parts available only in kits. Items not sold separately.

Figure 18 - EBE2222K and EBE2215K Brush Kit



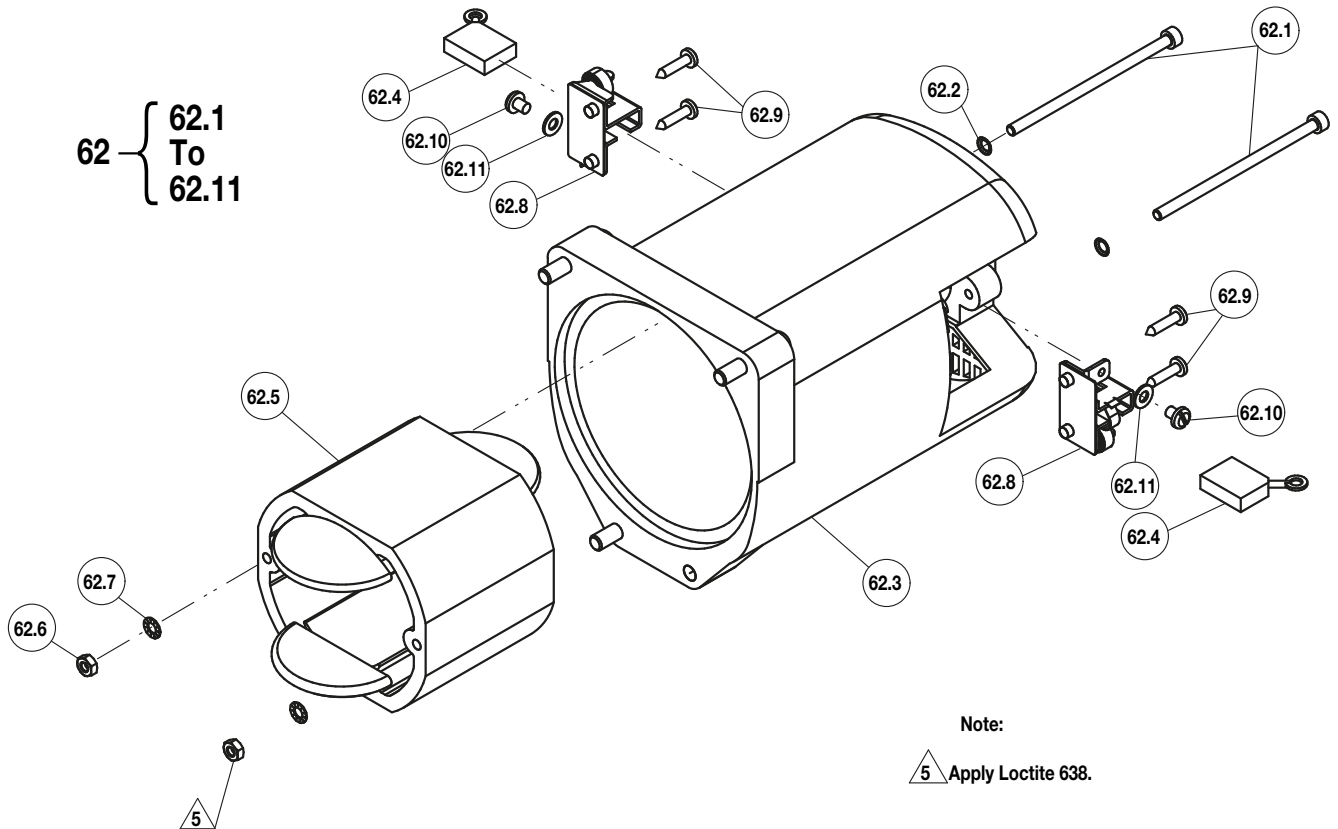
Parts List for Figure 18

Item No.	Qty.	Description
66.4	2	Carbon Brush

Notes:

- Brush Kit EBE2222K - Includes brushes used on 115V cutter, Model ECCE32B.
- Brush Kit EBE2215K - Includes brushes used on 230V cutter, Model ECCE32E.
- Carbon brushes 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 19 - EBE2212K & EBE2221K Motor Kit



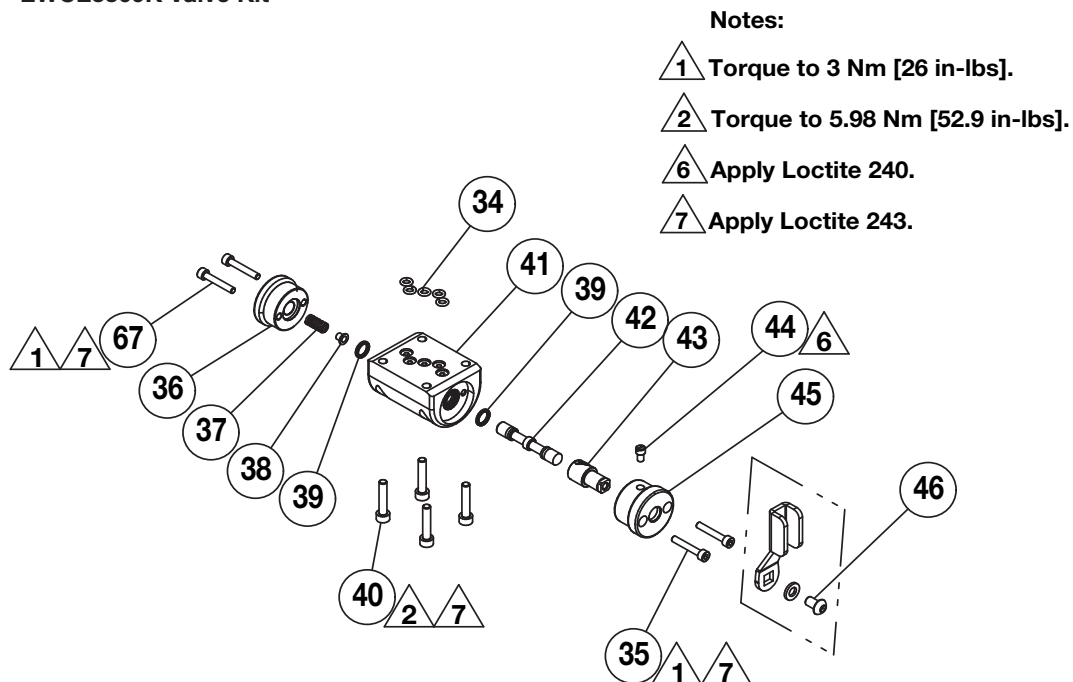
Parts List for Figure 19		
Item No.	Qty.	Description
62	1	Motor Assembly (Includes items 62.1 through 62.11)
62.1	2	Socket Cap Screw M4 x 80 UNI5931 Zn
62.2	2	Schnorr Washer M4 Zn
62.3	1	Motor Housing
62.4	2	Carbon Brush
62.5	1	Stator
62.6	2	Nut M4 UNI 5588 Zn
62.7	2	External Tooth Lock Washer D4
62.8	2	Brush Support Assembly MU22N
62.9	4	Pan Head Screw 3.5 x 16 UNI 6954 Zn
62.10	2	Screw TCTC M4 x 5 UNI 6107 Brass

Parts List for Figure 19		
Item No.	Qty.	Description
62.11	2	Flat Washer M4 UNI 6592 Brass

Notes:

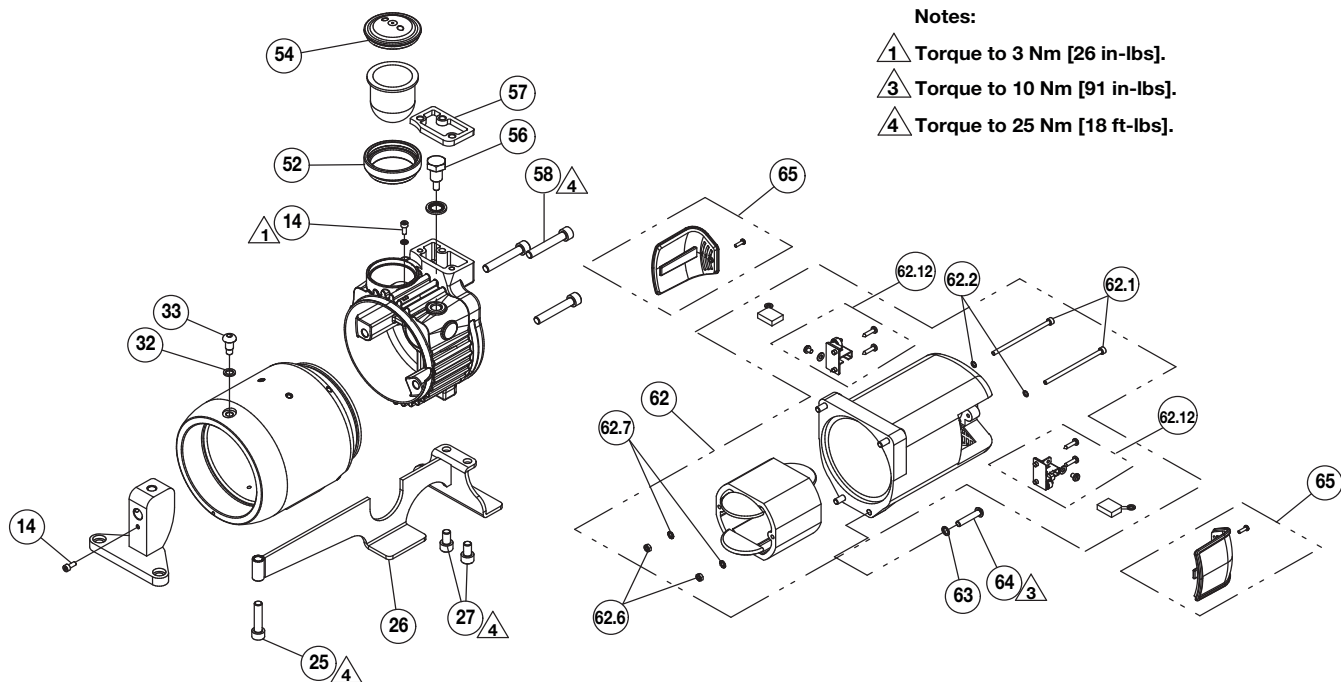
- Motor Kit EBE2221K - Includes parts used on 115V cutter, Model ECCE32B.
- Motor Kit EBE2212K - Includes parts used on 230V cutter, Model ECCE32E.
- Carbon Brush (item 62.4) and stator (item 62.5) are different for 115V and 230V models. Be sure to order the correct kit for your cutter model.
- Kit parts available only in kits. Items not sold separately.

Figure 20 - EWCE5509K Valve Kit



Parts List for Figure 20		
Item No.	Qty.	Description
34	5	O-Ring 4.48 x 1.78 90 SH
36	1	Spring Cap
37	1	Spring F.1 x e7 x 7 x Lo14 Rounded
38	1	Collar
39	2	Quad Ring 8.2 x 1.78
40	4	Socket Cap Screw M5 x 25 UNI 5931 Zn
41	1	Distributor Assembly
42	1	Spool
43	1	Spool Pin
44	1	Positioning Screw
45	1	Cap With Hole
46	1	Lever Assembly
67	2	Socket Cap Screw M4 x 16 UNI 5931 Zn
Notes: Kit parts available only in kits. Items not sold separately.		

Figure 21 - ECCE3213K Small Parts Kit



Parts List for Figure 21		
Item No.	Qty.	Description
14	2	Socket Cap Screw M4 x 10 UNI 5931 Zn
25	1	Socket Cap Screw M8 x 35 UNI 5931 Zn
26	1	Stand-Off Bracket
27	2	Socket Cap Screw M8 x 14 UNI 5931 Zn
32	1	Flat Washer 8 x 12 x 1.4 Copper
33	1	Positioning Screw
52	1	Extension
54	1	Diaphragm Housing Lid
56	1	Magnetic Filter
57	1	Spacer
58	3	Socket Cap Screw M8 x 50 UNI 5931 Zn
62.1	2	Socket Cap Screw M4 x 80 UNI5931 Zn
62.2	2	Schnorr Washer M4 Zn
62.6	2	Nut M4 UNI 5588 Zn
62.7	2	External Tooth Lock Washer D. 4
62.12	2	Brush Holder
63	4	Schnorr Washer M6 Zn
64	4	Button Screw M6 x 30 10.9 UNI 7380 Zn
65	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.

NOTES

[illegible]

