

Document Number	Document Revision	Document Revision Date	Product Date Code Beginning With
L4330	D	08/2019	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.

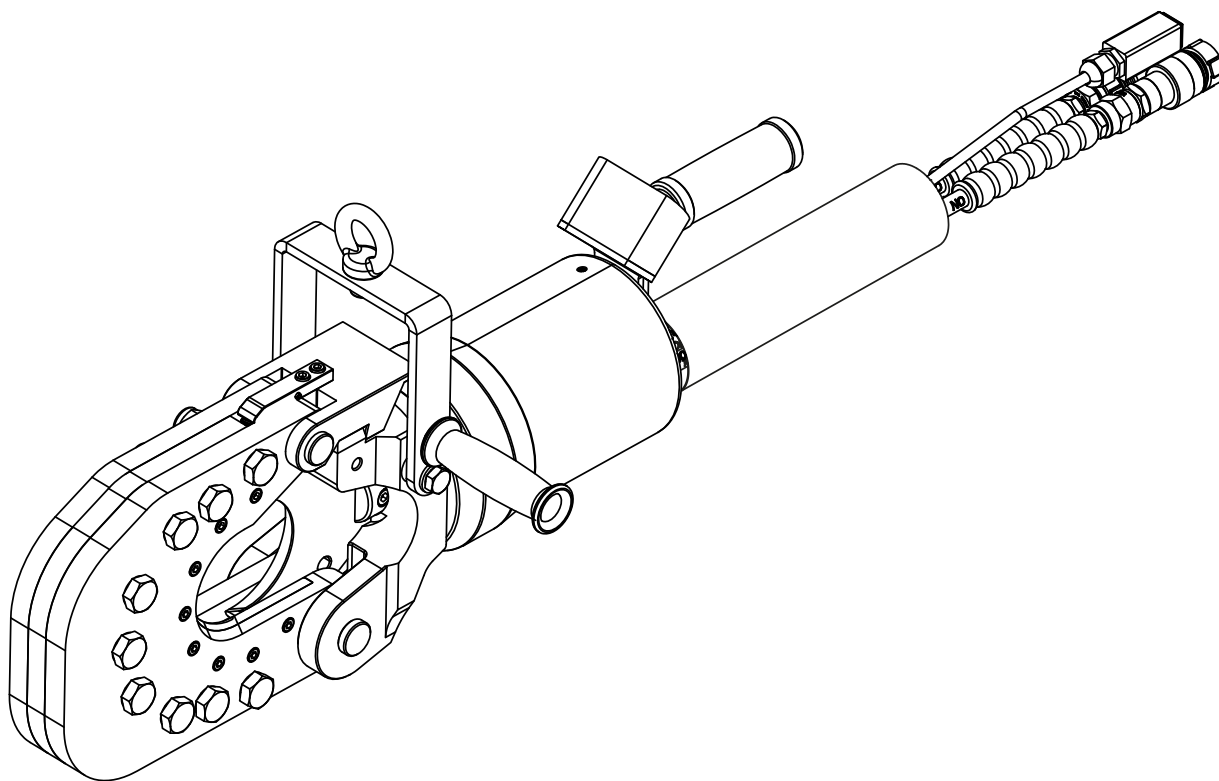


Table of Contents:

	Page		Page
Figure 1 - EWCH90 Cutter, Exploded View	2	Figure 10 - EWCH9009K Side Handle Kit	6
Figure 2 - EWCH9001K Blade Kit	4	Figure 11 - EWCH9010K Lift Kit	7
Figure 3 - EWCH9002K Seal Kit	4	Figure 12 - EBH5204K Switches Kit	7
Figure 4 - EWCH9003K Guide Kit	5	Figure 13 - EBH5205K Handle Kit	8
Figure 5 - EWCH9004K Pin Kit	5	Figure 14 - EBH5206K Grip Kit	8
Figure 6 - EWCH9005K Latch Kit	5	Figure 15 - ECH5001K Hydraulic Hose Kit	9
Figure 7 - EWCH9006K Small Parts Kit	6	Figure 16 - CKECHYD Connector Kit	9
Figure 8 - EWCH9007K Head and Cylinder Body Kit	6	Figure 17 - CH720EC Hose and Cable Assembly Kit.	10
Figure 9 - EWCH9008K Piston Kit	6	Figure 18 - DKSCOMP Decal Kit	10

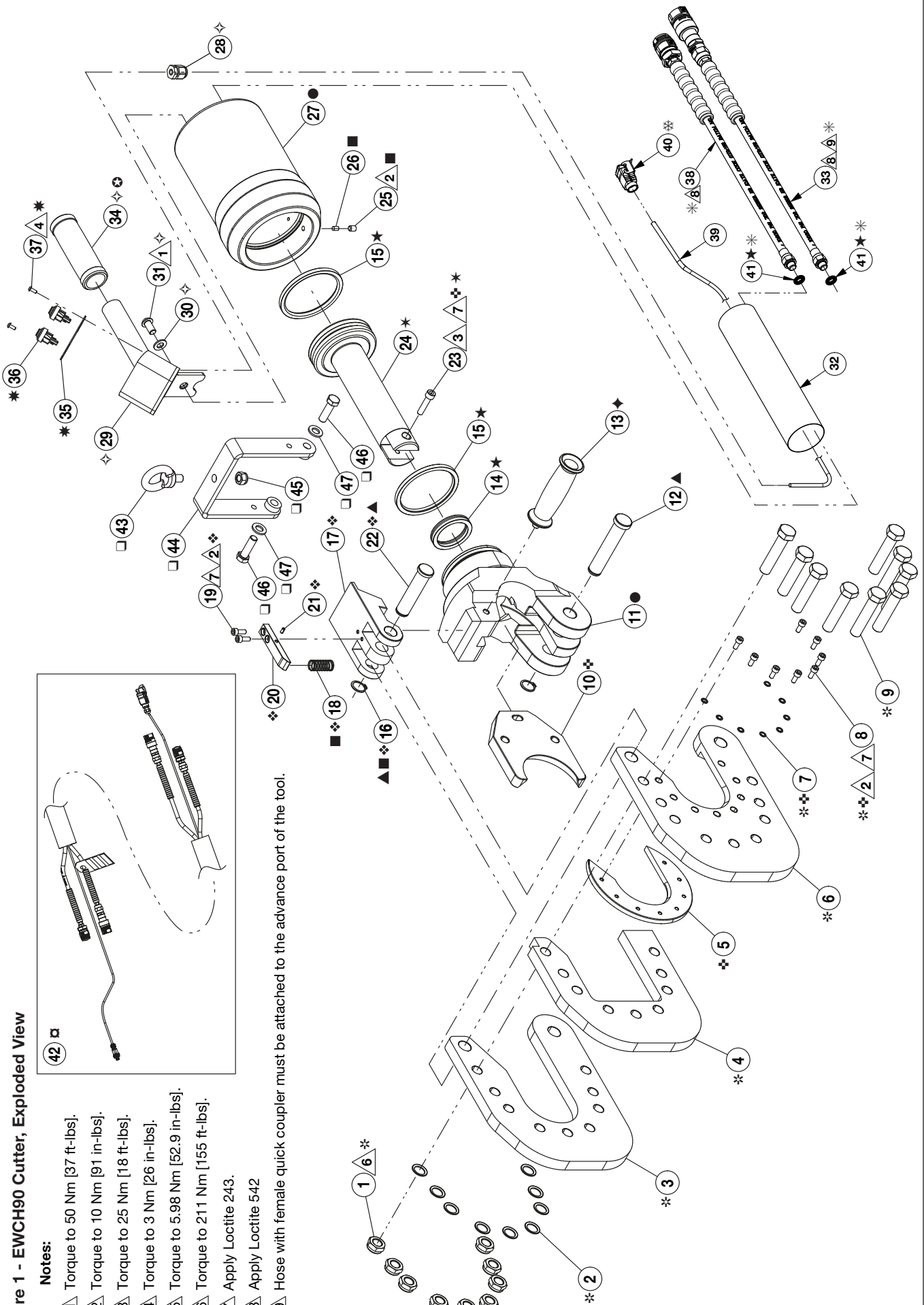
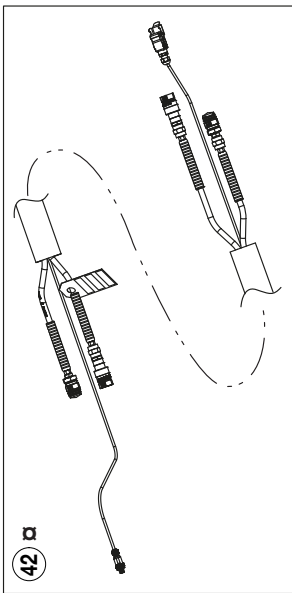
⚠ WARNING Be certain that hydraulic pressure is completely relieved (0 psi/bar) before beginning any adjustment, maintenance or repair procedures. Appropriate shop safety procedures are to be followed during disassembly and reassembly to minimize any possibility of injury.

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

Figure 1 - EWCH90 Cutter, Exploded View

Notes:

- 1 ▲ Torque to 50 Nm [37 ft-lbs].
- 2 ▲ Torque to 10 Nm [91 in-lbs].
- 3 ▲ Torque to 25 Nm [18 ft-lbs].
- 4 ▲ Torque to 3 Nm [26 in-lbs].
- 5 ▲ Torque to 5.98 Nm [52.9 in-lbs].
- 6 ▲ Torque to 211 Nm [155 ft-lbs].
- 7 ▲ Apply Loctite 243.
- 8 ▲ Apply Loctite 542
- 9 ▲ Hose with female quick coupler must be attached to the advance port of the tool.



Repair Parts List for Figure 1

Item No.	Part Number	Qty.	Description
1	*	9	Lock nut M16 x 1.5 UNI 7474 Zn
2	*	9	Shnorr washer M16 Zn
3	*	1	Support plate
4	*	1	Spacer plate
5	✚	1	Fixed blade
6	*	1	Fixed blade support
7	✚*	8	Shnorr washer M6 Zn
8	✚*	8	Socket cap screw M6 x 14 UNI 5931 Zn
9	*	9	HXBT screw M16 x 75 UNI 5739 Zn
10	✚	1	Moving blade
11	●	1	Blades support
12	✚▲	1	Pin
13	◆	1	Handle
14	★	1	Gasket CSC 6250
15	★	2	Gasket NPU 100 x 84.5 x 6.3
16	✚■▲	2	Seeger ring external D=20 UNI 7435
17	✚	1	Hook
18	✚■	1	Spring F.1,3 x e9,8 x 8,75 x Lo26 ground
19	✚	2	Socket cap screw M6 x 16 UNI 5931 Zn
20	✚	1	Return lever
21	✚	1	Coiled spring pin 4 x 8 UNI 6873
22	✚▲	1	Pin
23	✚*	1	Socket cap screw M8 x 39 UNI 5931 Zn
24	*	1	Piston
25	■	1	Set screw M8 x 10 UNI 5923
26	■	1	Plastic pin
27	●	1	Cylinder assembly
28	◇	1	Cable gland
29	◇	1	Handle assembly
30	◇	1	Flat washer M10 UNI 6592 Zn
31	◇	1	Button screw M10 x 20 10.9 UNI 7380 Zn
32	N/A	1	Protective sheath
33	*	1	High press. hose (700 Series) G 1/4 F + DC1392900
34	◇☛	1	Grip

Repair Parts List for Figure 1 (Continued)

Item No.	Part Number	Qty.	Description
35	*	1	Button panel
36	*	2	Push button switch
37	*	2	Button screw M4 x 10 10.9 UNI 7380 Zn
38	*	1	High press. hose (700 Series) G 1/4 F + CJ649096
39	N/A	1	Cable
40	✚	1	Connector
41	★*	2	Bonded seal washer (included with items 36 and 37)
42	□	1	Hose and Cable Assembly, 6m long
43	□	1	Male eyebolt M12
44	□	1	Lifting hook
45	□	1	Lock nut M12 DIN 985
46	□	1	Bolt M12 x 40 UNI 5739 Zn
47	□	1	Flat washer M12 UNI 6592 Zn

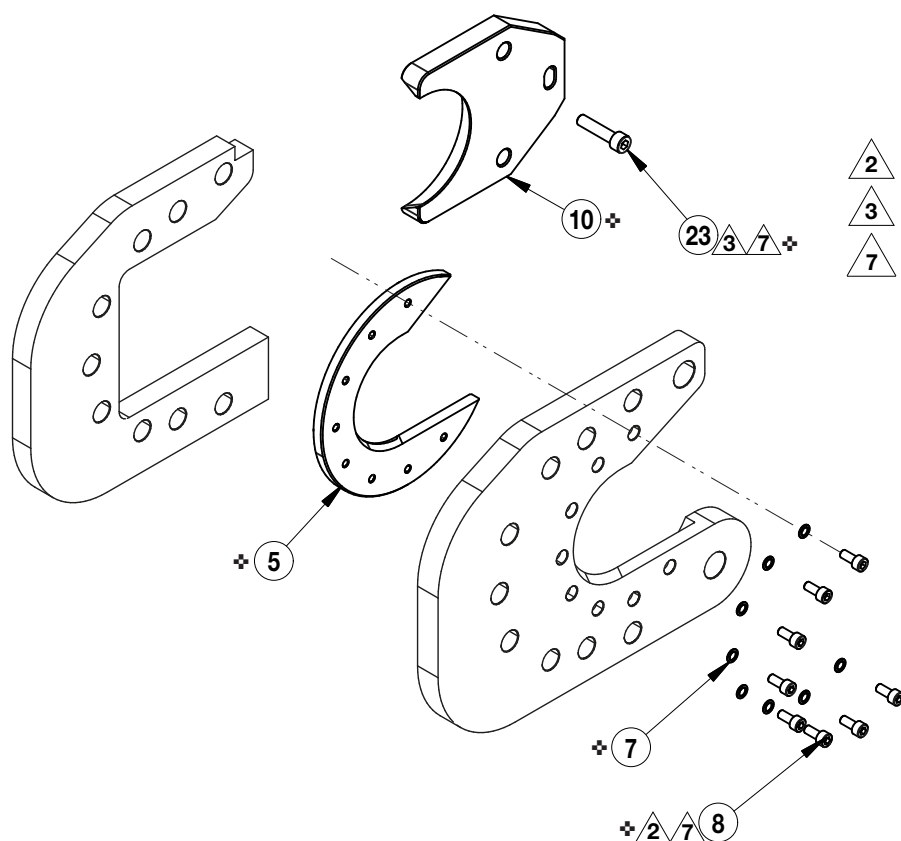
Kit Information

Symbol	Included In	See Figure
✚	EWCH9001K Blade Kit	2
★	EWCH9002K Seal Kit	3
*	EWCH9003K Guide Kit	4
▲	EWCH9004K Pin Kit	5
✚	EWCH9005K Latch Kit	6
■	EWCH9006K Small Parts Kit	7
●	EWCH9007K Head and Cylinder Body Kit	8
*	EWCH9008K Piston Kit	9
◆	EWCH9009K Side Handle Kit	10
□	EWCH9010K Lift Kit	11
*	EBH5204K Switches Kit	12
◇	EBH5205K Handle Kit	13
☛	EBH5206K Grip Kit	14
*	CKECHYD Connector Kit	15
*	ECH5001K Hydraulic Hose Kit	16
□	CH720EC Hose and Cable Assembly Kit	17
N/A	DKSCOMP Decal Kit	18

Refer to figures 2 through 17 for kit part exploded views and additional service information.

N/A - Not Available

Figure 2 - EWCH9001K Blade Kit

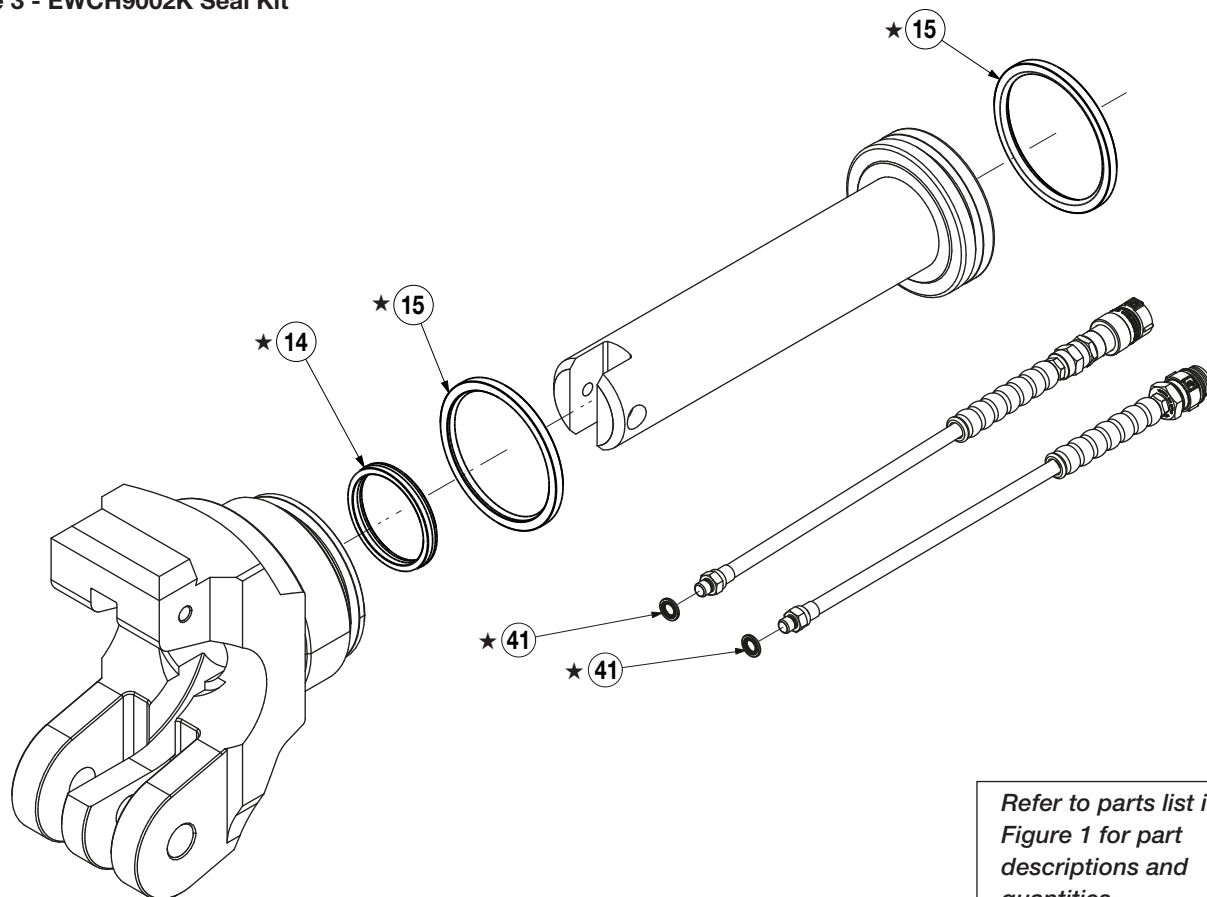


Notes:

-  **2** Torque to 10 Nm [91 in-lbs].
-  **3** Torque to 25 Nm [18 ft-lbs].
-  **7** Apply Loctite 243.

Refer to parts list in Figure 1 for part descriptions and quantities.
(items marked "❖")

Figure 3 - EWCH9002K Seal Kit



Refer to parts list in Figure 1 for part descriptions and quantities.
(items marked "★")

Figure 4 - EWCH9003K Guide Kit

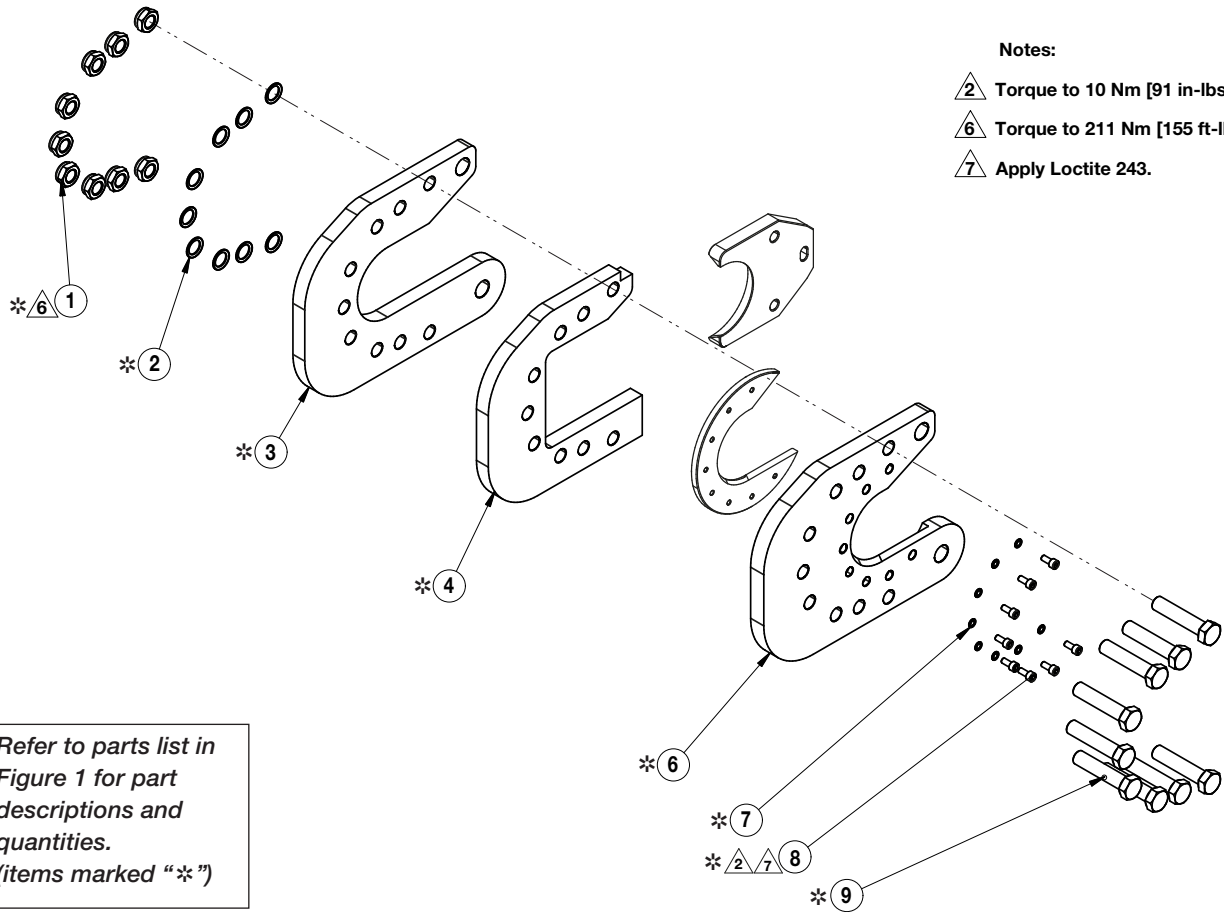


Figure 5 - EWCH9004K Pin Kit

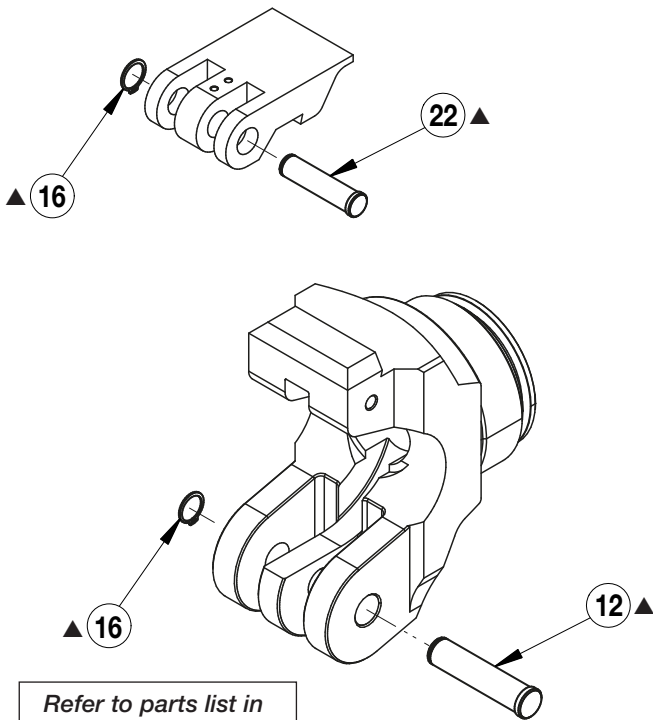


Figure 6 - EWCH9005K Latch Kit

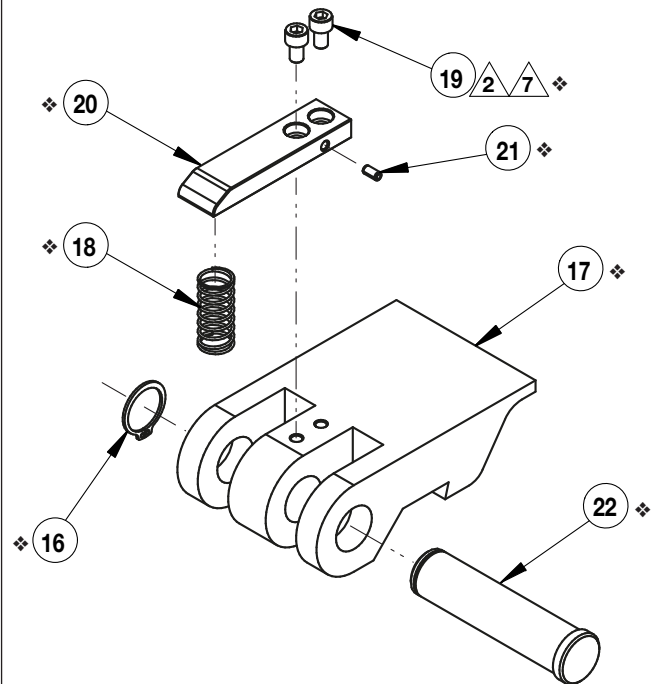
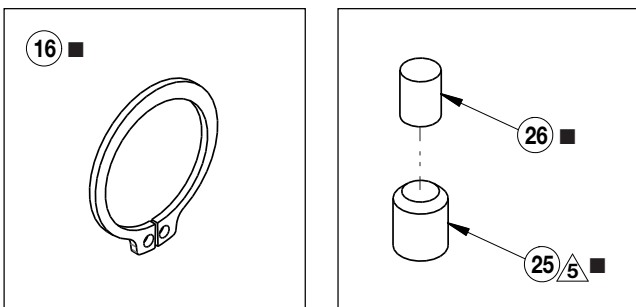
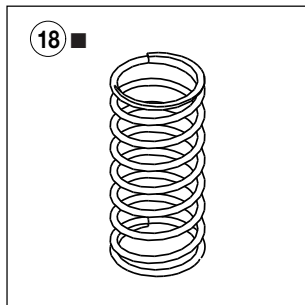


Figure 7 - EWCH9006K Small Parts Kit



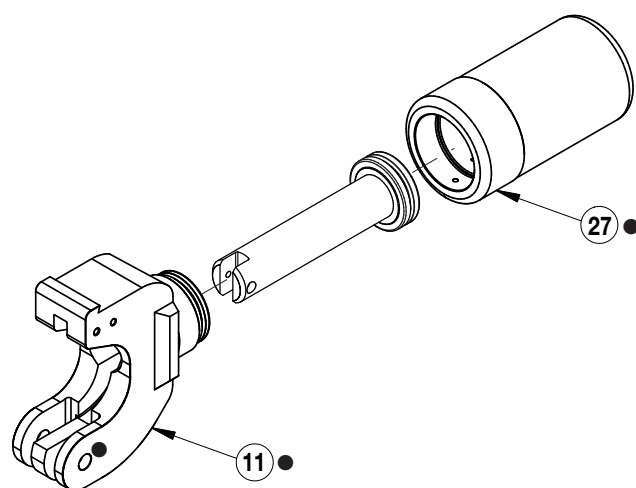
Note:

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



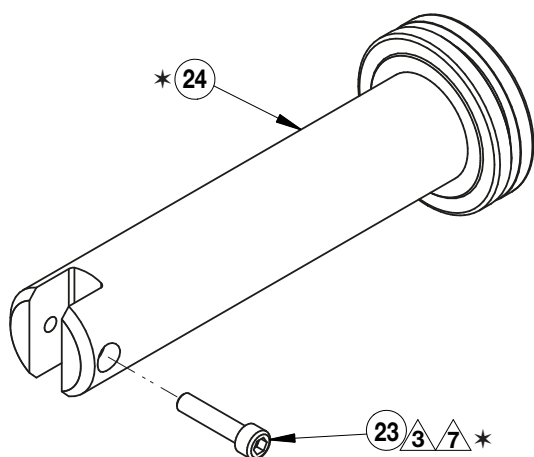
Refer to parts list in Figure 1 for part descriptions and quantities.
(items marked "■")

Figure 8 - EWCH9007K Head and Cylinder Body Kit



Refer to parts list in Figure 1 for part descriptions and quantities.
(items marked "●")

Figure 9 - EWCH9008K Piston Kit



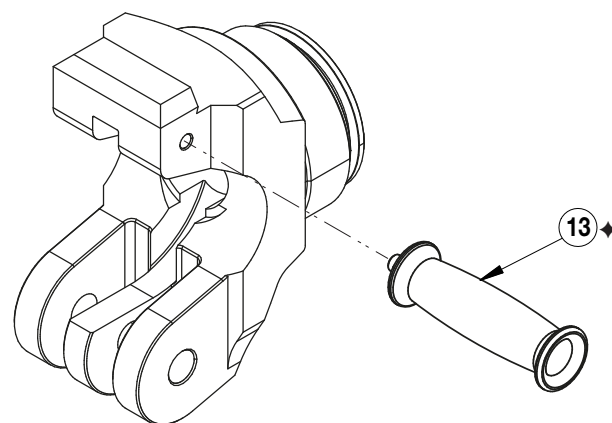
Refer to parts list in Figure 1 for part descriptions and quantities.
(items marked "★")

Notes:

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

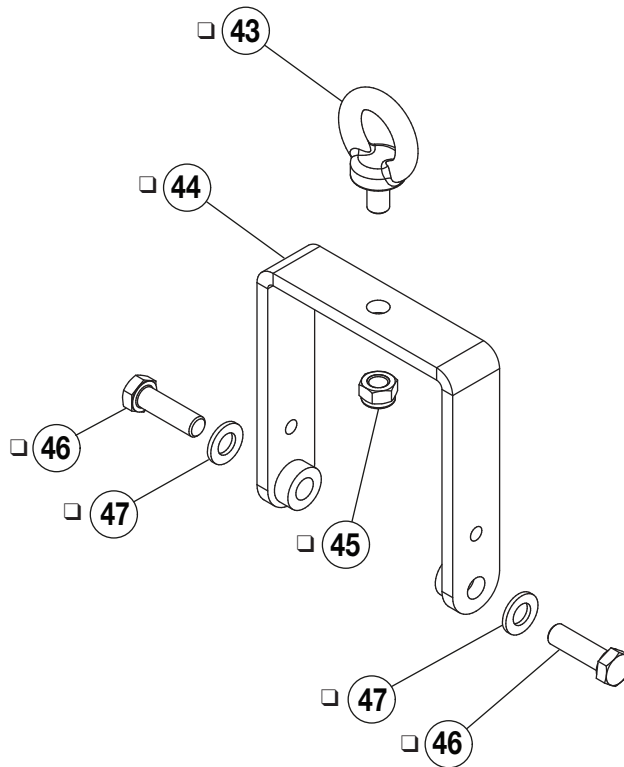
7 Apply Loctite 243.

Figure 10 - EWCH9009K Side Handle Kit



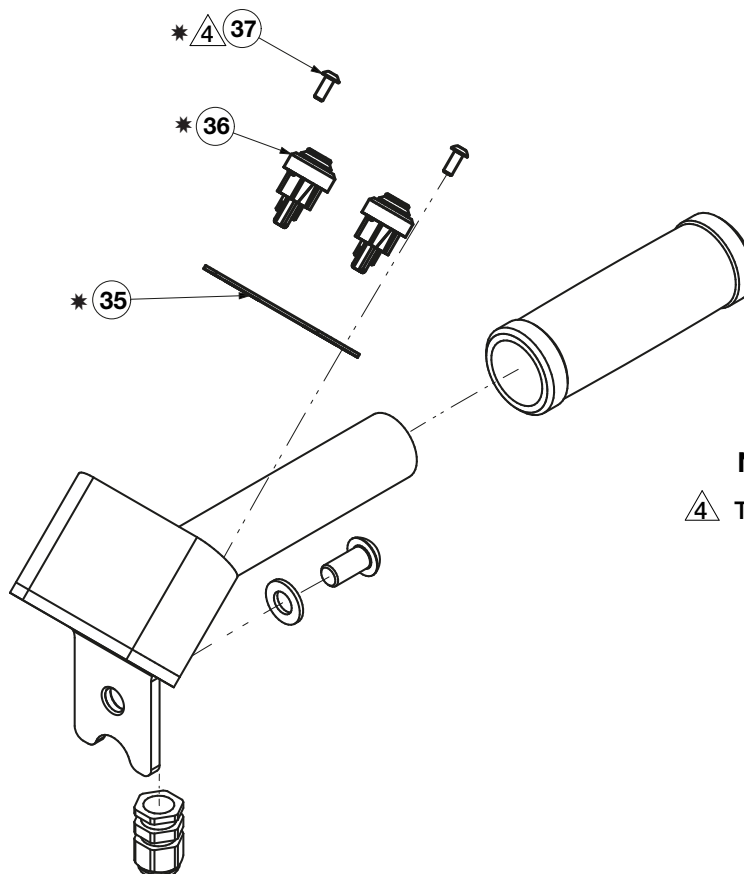
Refer to parts list in Figure 1 for part descriptions and quantities.
(items marked "◆")

Figure 11 - EWCH9010K Lift Kit



Refer to parts list in
Figure 1 for part
descriptions and
quantities.
(items marked "□")

Figure 12 - EBH5204K Switches Kit



Note:

△ Torque to 3 Nm [26 in-lbs].

Refer to parts list in
Figure 1 for part
descriptions and
quantities.
(items marked "※")

Figure 13 - EBH5205K Handle Kit

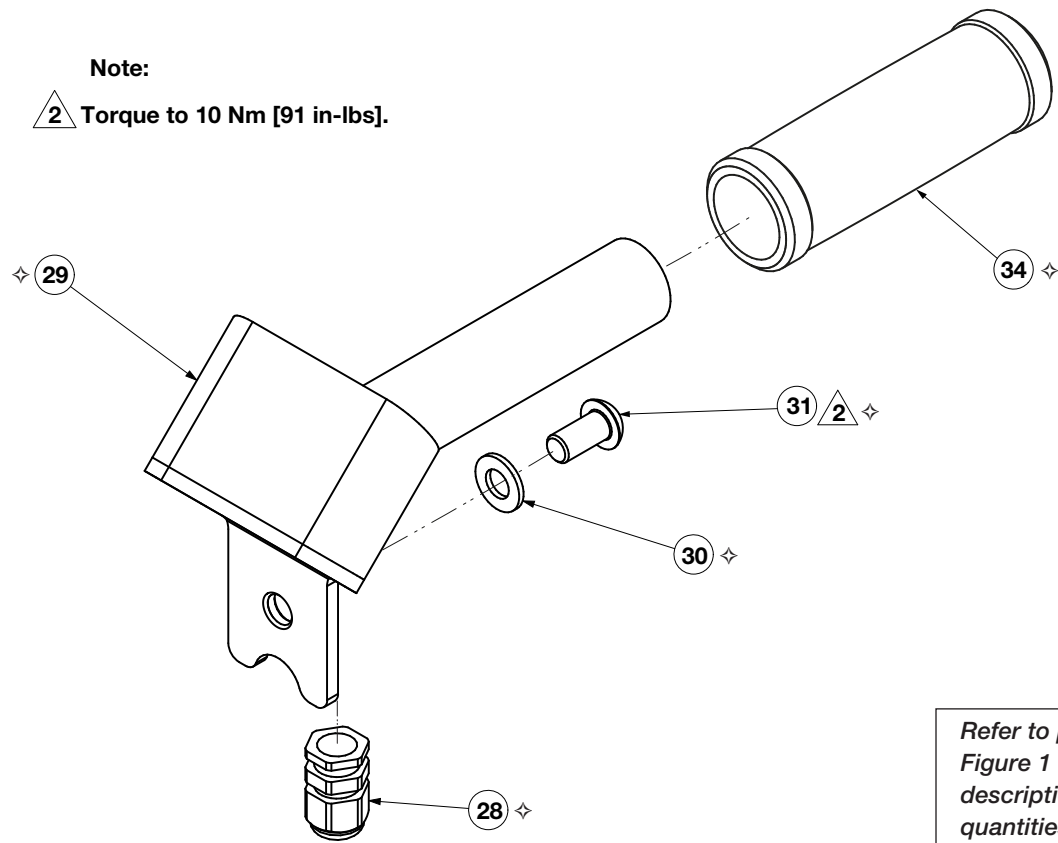


Figure 14 - EBH5206K Grip Kit

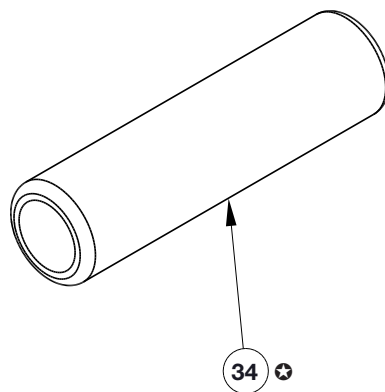
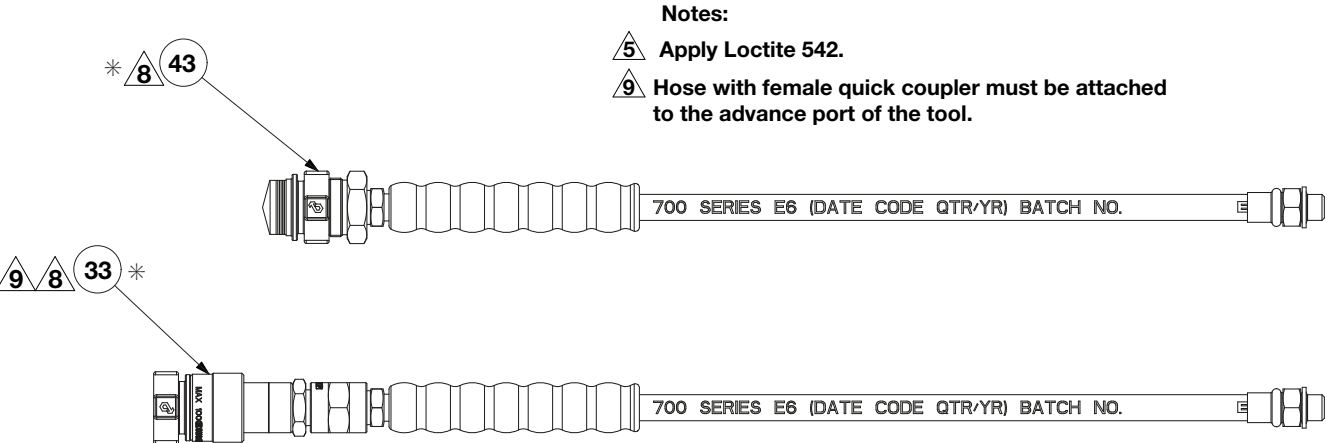
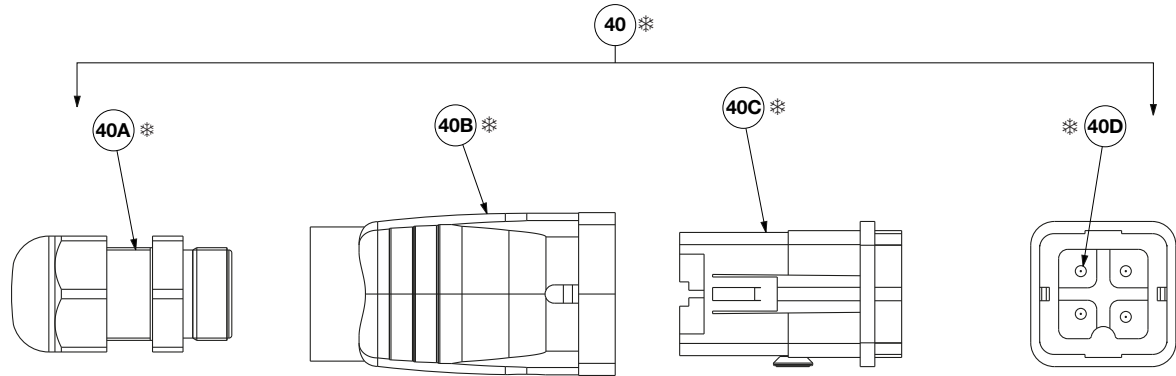


Figure 15 - ECH500IK Hydraulic Hose Kit.



Refer to parts list in Figure 1 for part descriptions and quantities.
(items marked “*”)

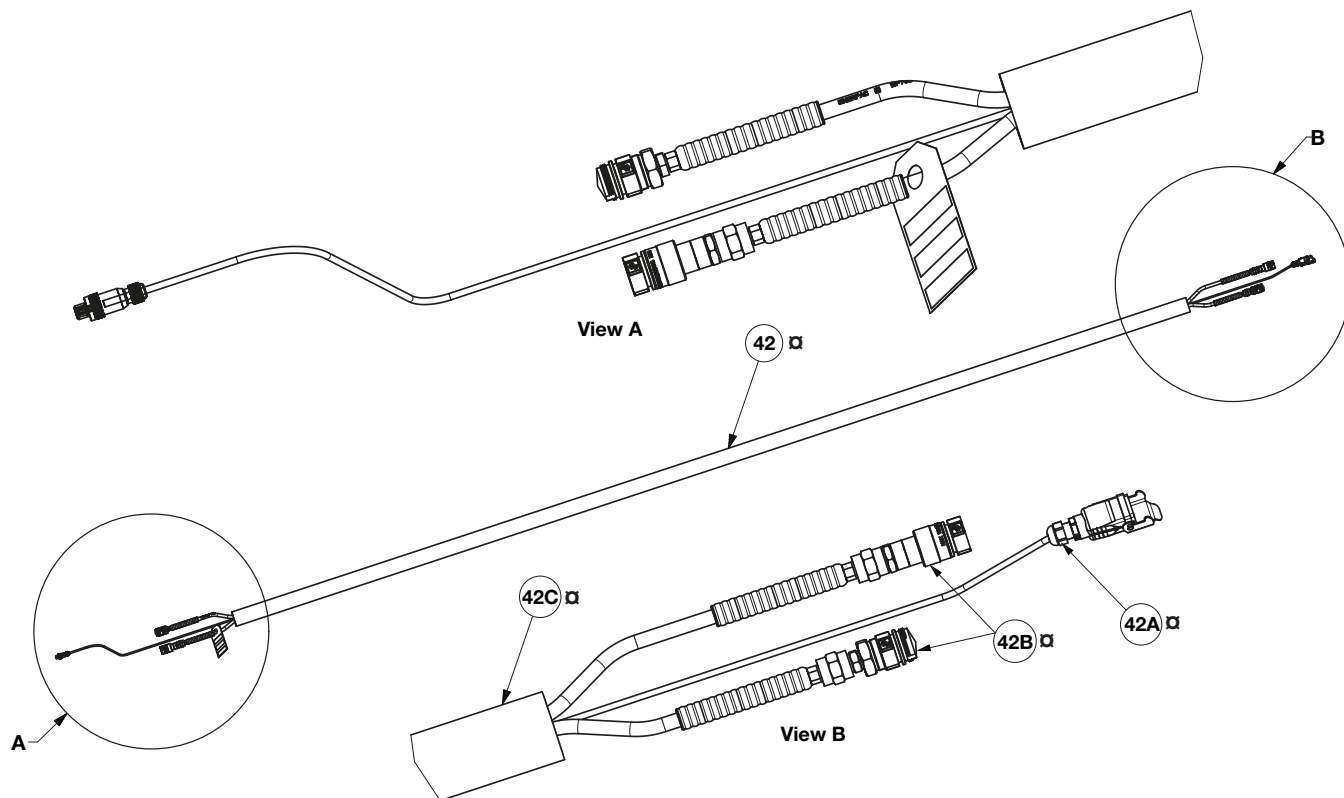
Figure 16 - CKECHYD Connector Kit



Note:
Items Included in the CKECHYD Kit (item 40):

Item No.	Description
40A	Cable Gland
40B	Housing
40C	Connector
40D	Pin

Figure 17 - CH720EC Hose and Cable Assembly Kit



Note:

Items Included in the CH270EC Kit (item 42):

Item No.	Description	Part No.
42A	Electrical Cable	EW720EC
42B	Twin Hydraulic Hose Assy.	CH720MC
42C	Chafe Wrap	S720EC

Figure 18 - 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]

