

Document Number	Document Revision	Document Revision Date	Product Date Code Beginning With
L4331	E	09/2019	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.

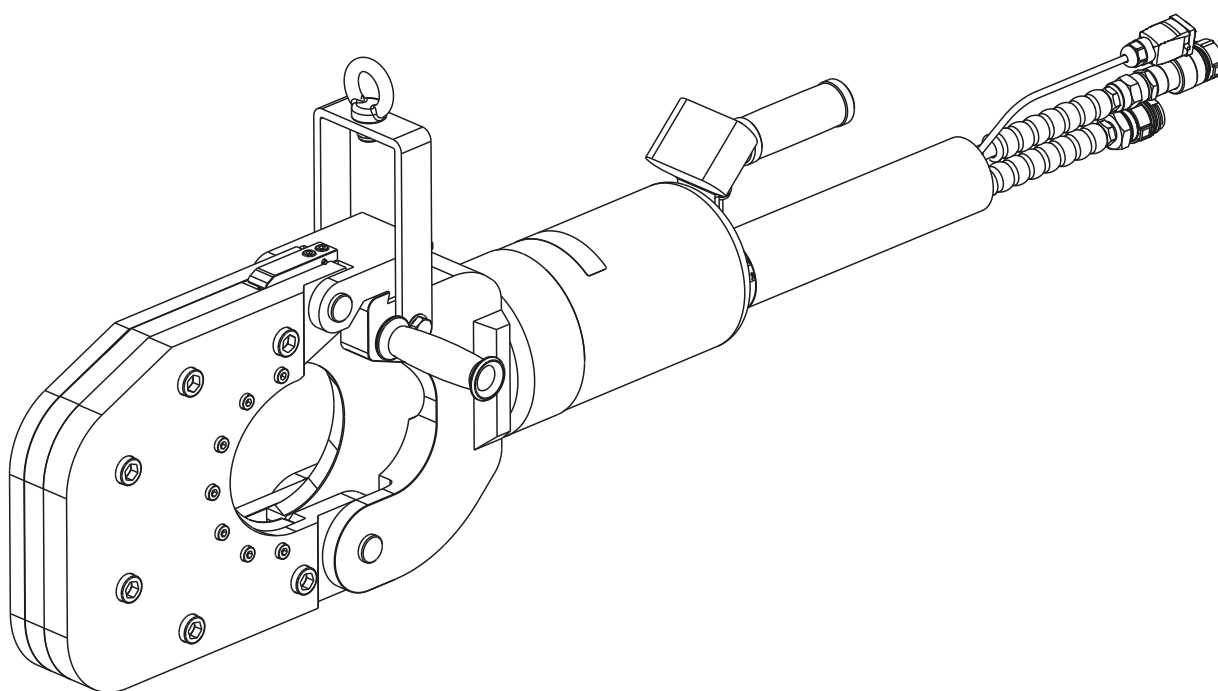


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⚠ WARNING Be certain that hydraulic pressure is completely relieved (0 psi/bar) before beginning any adjustment, maintenance or repair procedures. Appropriate shop safety procedures are to be followed during disassembly and reassembly to minimize any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

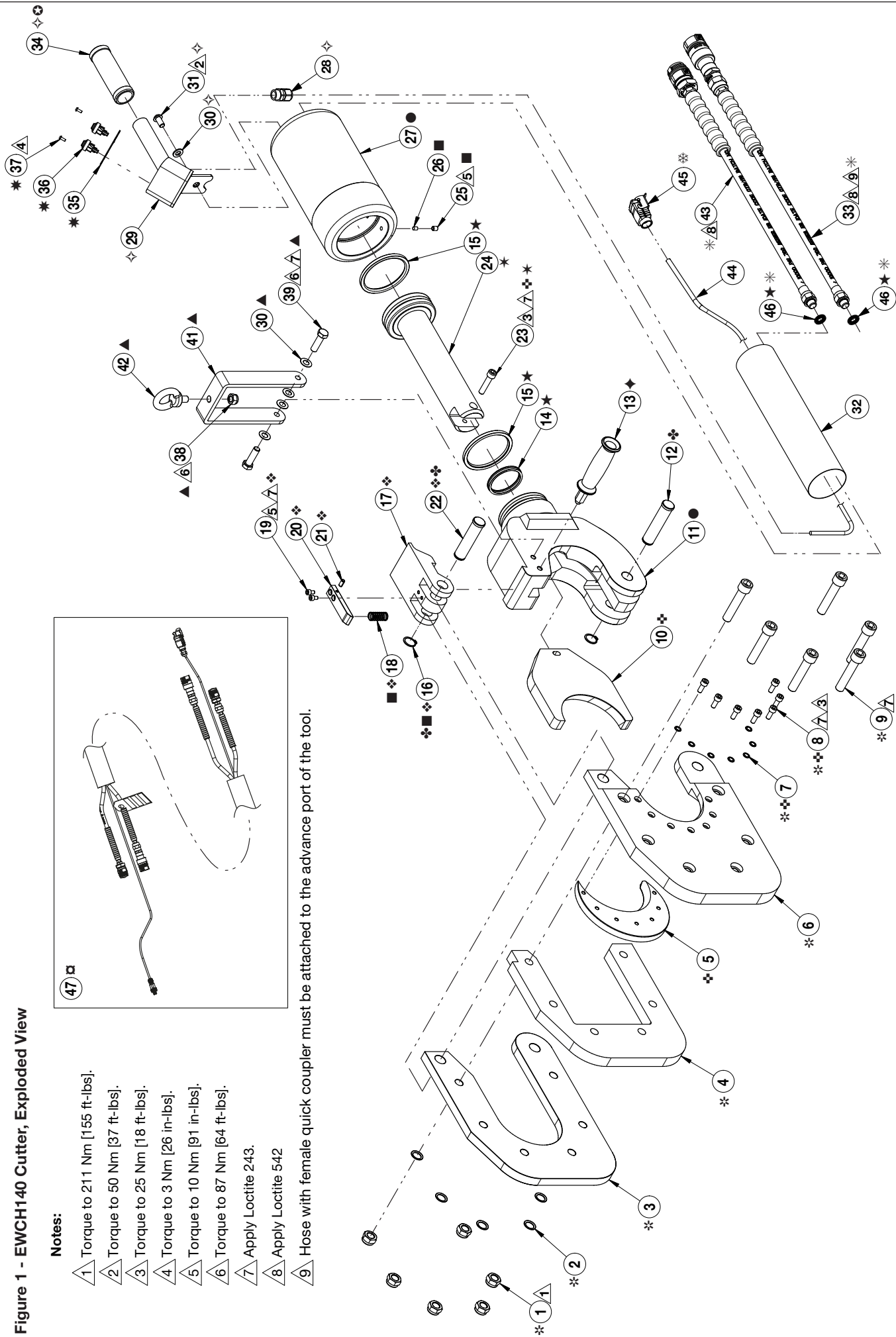
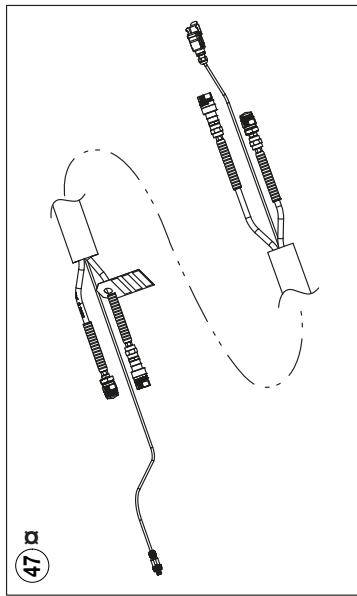
Note: Parts kits, components and product features described in this document are subject to change without notice.

Figure 1 - EWCH140 Cutter, Exploded View

Notes:

1. Torque to 211 Nm [155 ft-lbs].
2. Torque to 50 Nm [37 ft-lbs].
3. Torque to 25 Nm [18 ft-lbs].
4. Torque to 3 Nm [26 in-lbs].
5. Torque to 10 Nm [91 in-lbs].
6. Torque to 87 Nm [64 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	*	6	Lock nut M16 UNI 7474 Zn
2	*	6	Shnorr washer M16 Zn
3	*	1	Support plate
4	*	1	Spacer plate
5	✚	1	Fixed blade
6	*	1	Fixed blade support
7	✚*	7	Shnorr washer M8 Zn
8	✚*	7	Socket cap screw M8x20 UNI 5931 Zn
9	*	6	HXBT screw M16 x 80 UNI 5739 Zn
10	✚	1	Moving blade
11	●	1	Blades support
12	✚	1	Pin
13	◆	1	Handle
14	★	1	Gasket CSC 7060
15	★	2	Gasket NPU 100 x 84.5 x 6.3
16	◆■✚	2	Snap ring external D=22 UNI 7435
17	◆	1	Hook
18	◆■	1	Spring F.1.2 x e16
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 M10 x 47 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	◇	5	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

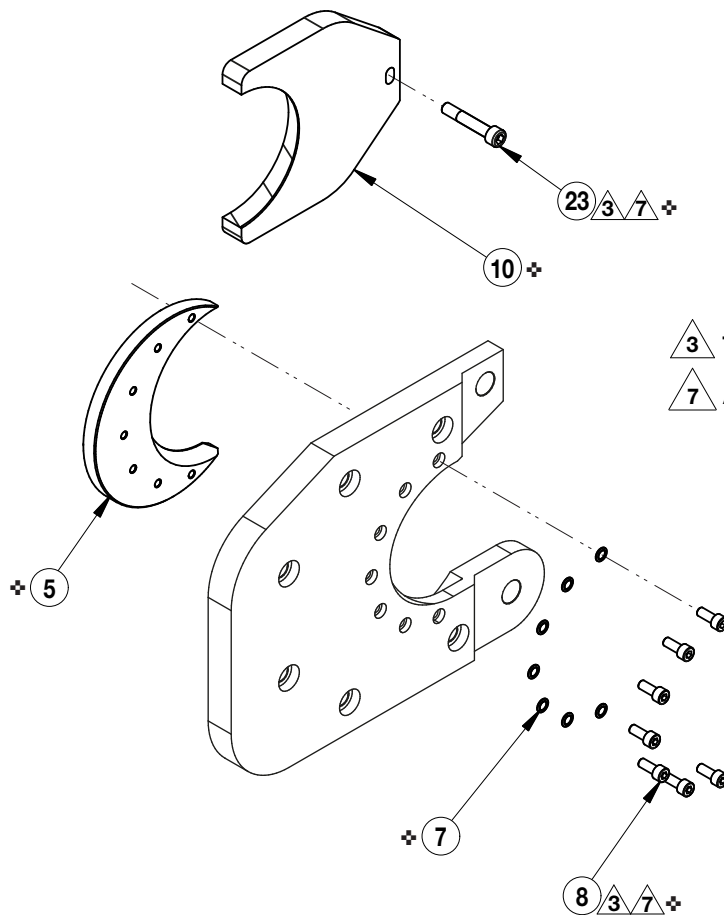
Repair Parts List for Figure 1 (Continued)			
Item No.	Part Number	Qty.	Description
35	*	1	Button panel
36	*	2	Push button switch
37	*	2	Button screw M4 x 10 10.9 UNI 7380 Zn
38	▲	1	Lock nut M12 UNI 7474 Zn
39	▲	2	Hex cap screw TE M10 x 40 UNI 5739 Zn
41	▲	1	Lifting hook
42	▲	1	Eyebolt M12
43	*	1	High press. hose (700 Series) G 1/4 F + CJ649096
44	N/A	1	Cable
45	✚	1	Connector
46	★*	2	Bonded seal washer (included with items 33 and 43)
47	□	1	Hose and Cable Assembly, 6m long

Kit Information			
Symbol	Included In		See Figure
✚	EWCH14001K Blade Kit		2
★	EWCH14002K Seal Kit		3
*	EWCH14003K Guide Kit		4
▲	EWCH14004K Lift Kit		5
◆	EWCH14005K Latch Kit		6
■	EWCH14006K Small Parts Kit		7
●	EWCH14007K Head and Cylinder Body Kit		8
*	EWCH14008K Piston Kit		9
✚	EWCH14009K Pin Kit		10
*	EBH5204K Switches Kit		11
◇	EBH5205K Handle Kit		12
◆	EWCH9009K Side Handle Kit		13
⊕	EBH5206K Grip Kit		14
*	ECH5001K Hydraulic Hose Kit		15
✚	CKECHYD Connector Kit		16
□	CH720EC Hose and Cable Assembly Kit		17
N/A	DKSCOMP Decal Kit		18

Refer to figures 2 through 18 for kit part exploded views and additional service information.

N/A - Not Available

Figure 2 - EWCH14001K Blade Kit

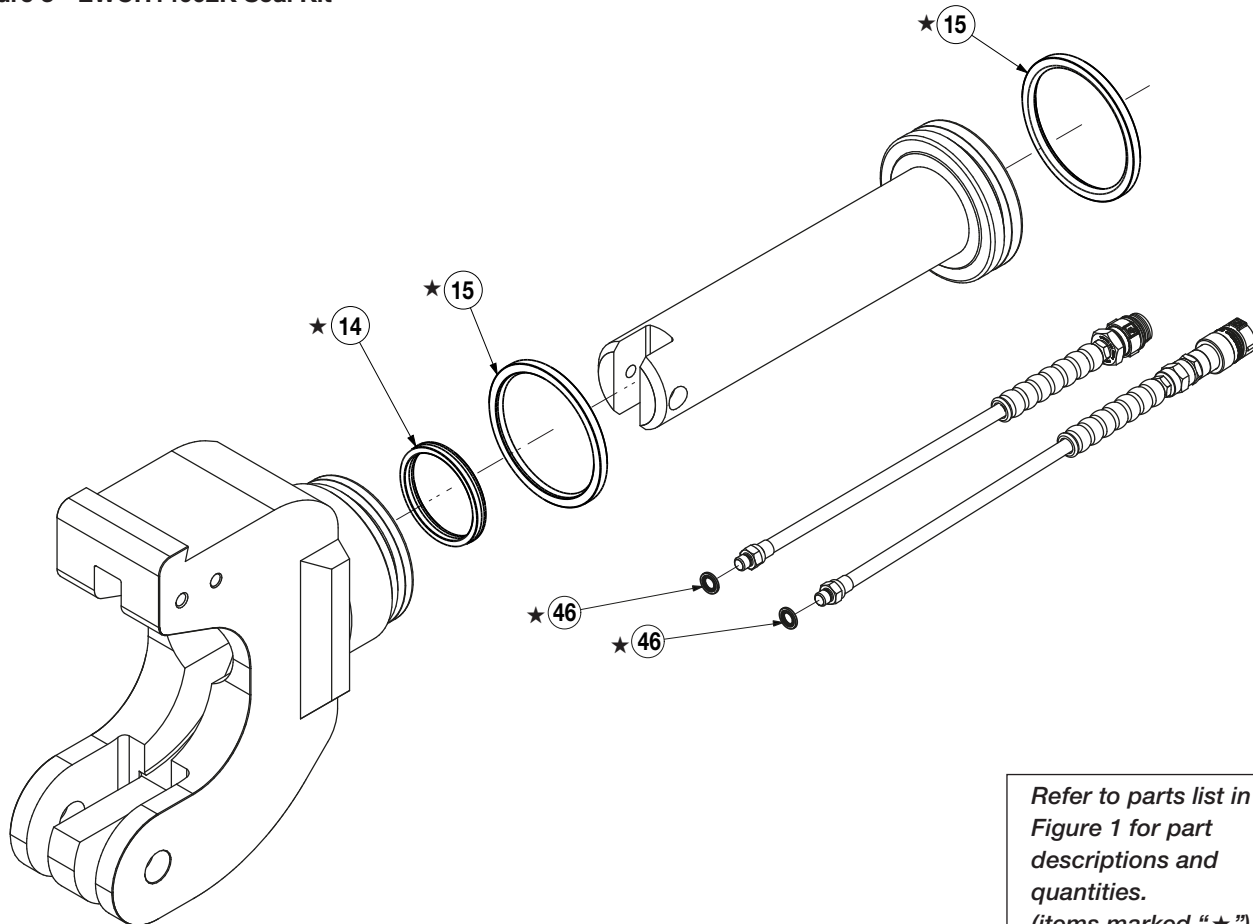


Notes:

-  **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 - EWCH14002K Seal Kit



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

Figure 4 - EWCH14003K Guide Kit

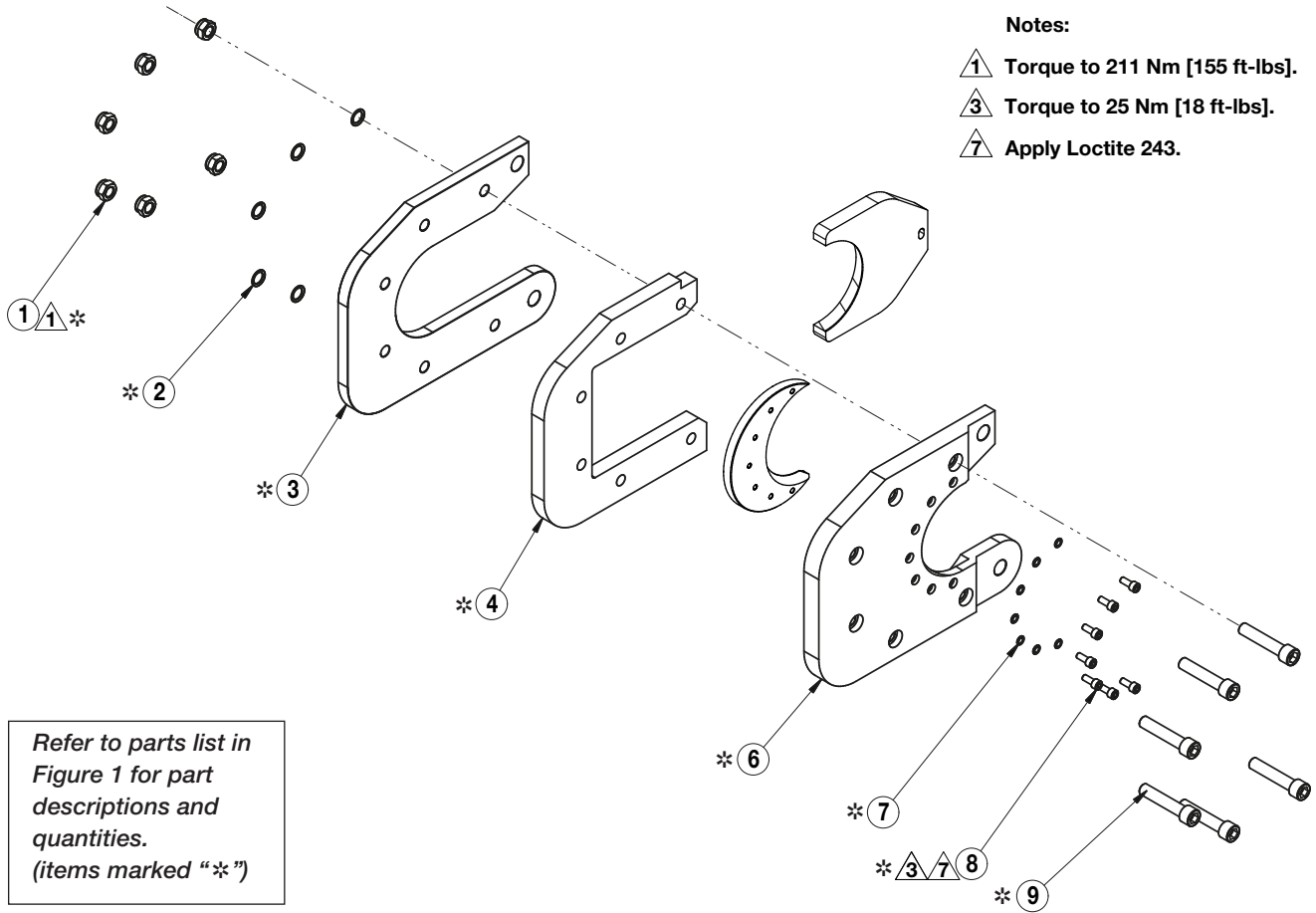


Figure 5 - EWCH14004K Lift Kit

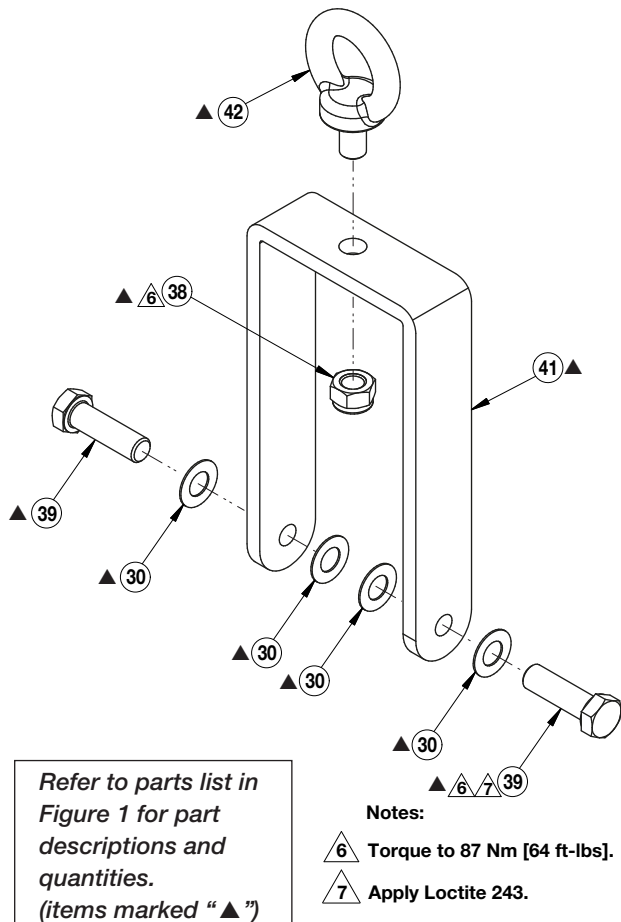


Figure 6 - EWCH14005K Latch Kit

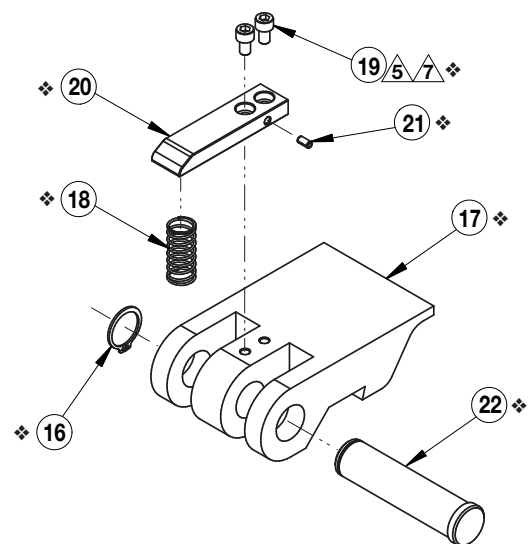
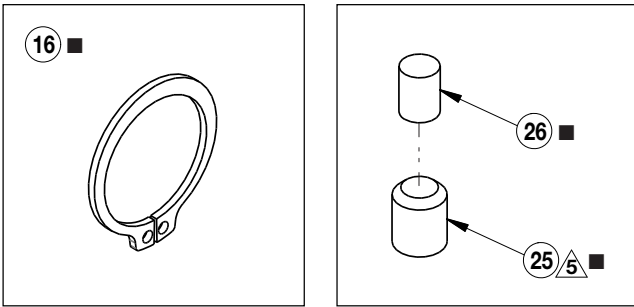
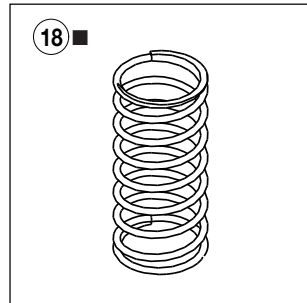


Figure 7 - EWCH14006K Small Parts Kit



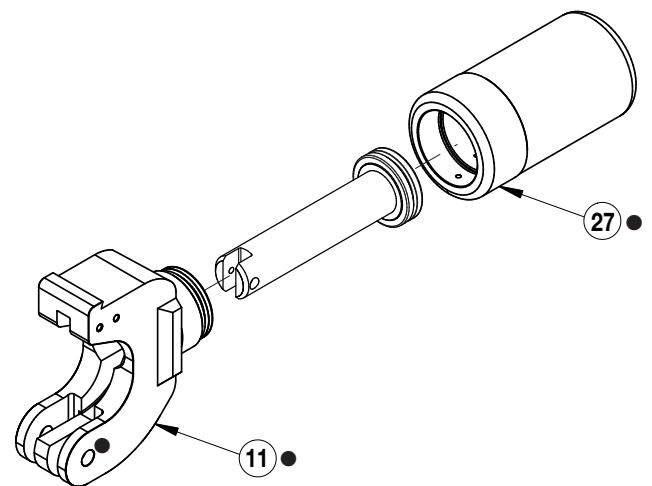
Note:

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



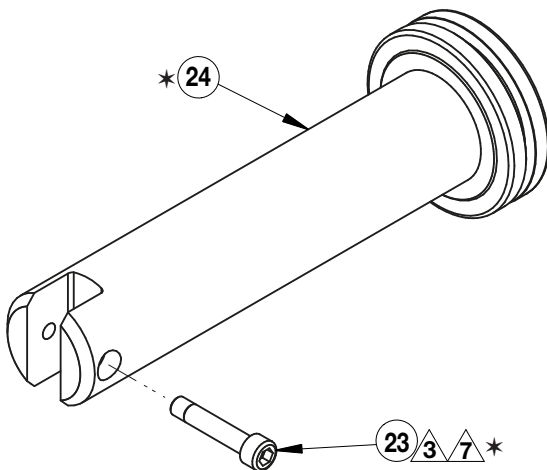
Refer to parts list in Figure 1 for part descriptions and quantities.
(items marked "■")

Figure 8 - EWCH14007K Head and Cylinder Body Kit



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

Figure 9 - EWCH14008K Piston Kit



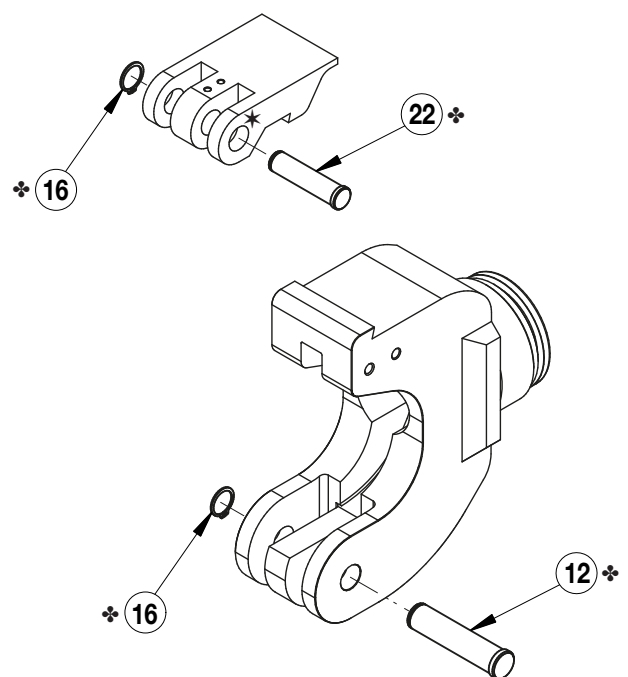
Notes:

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

7 Apply Loctite 243.

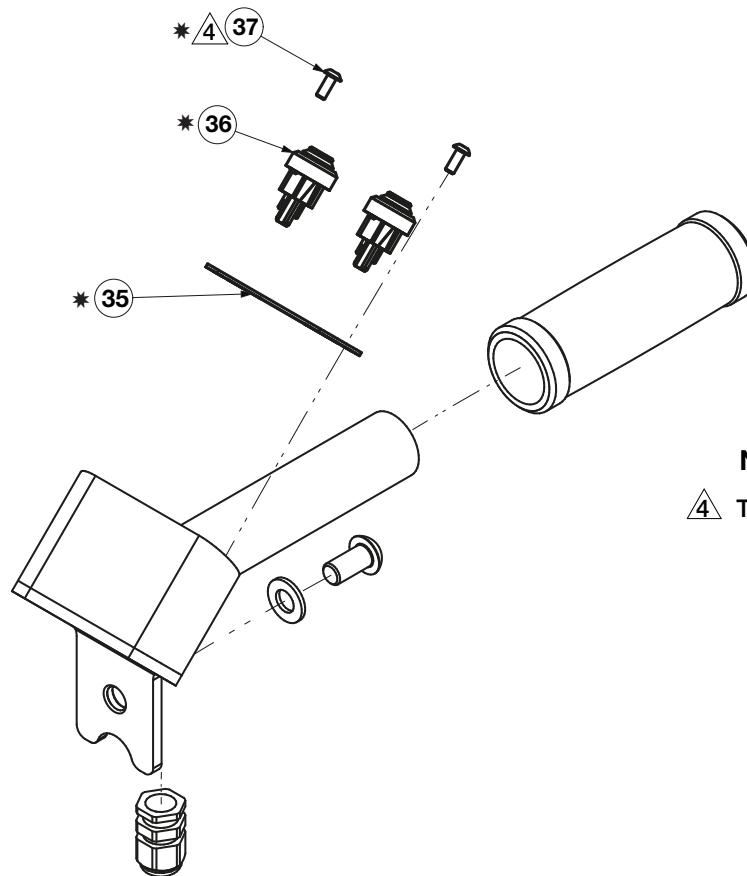
Refer to parts list in Figure 1 for part descriptions and quantities.
(items marked "*")

Figure 10 - EWCH14009K Pin Kit



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

Figure 11 - EBH5204K Switches Kit

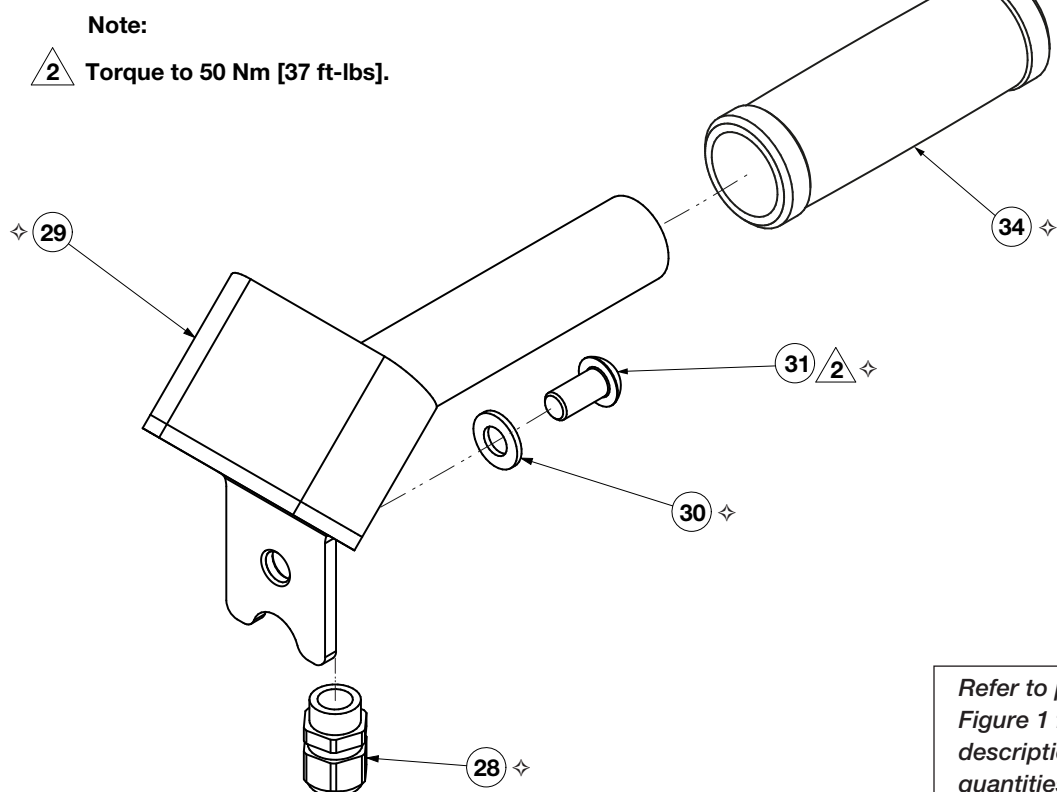


Note:

 Torque to 3 Nm [26 in-lbs].

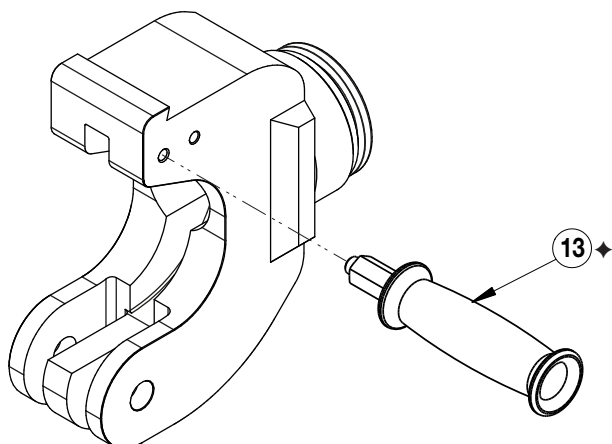
Refer to parts list in
Figure 1 for part
descriptions and
quantities.
(items marked “*”)

Figure 12 - EBH5205K Handle Kit



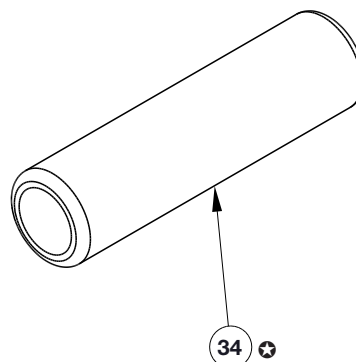
Refer to parts list in
Figure 1 for part
descriptions and
quantities.
(items marked “◆”)

Figure 13 - EWCH9009K Side Handle Kit



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

Figure 14 - EBH5206K Grip Kit

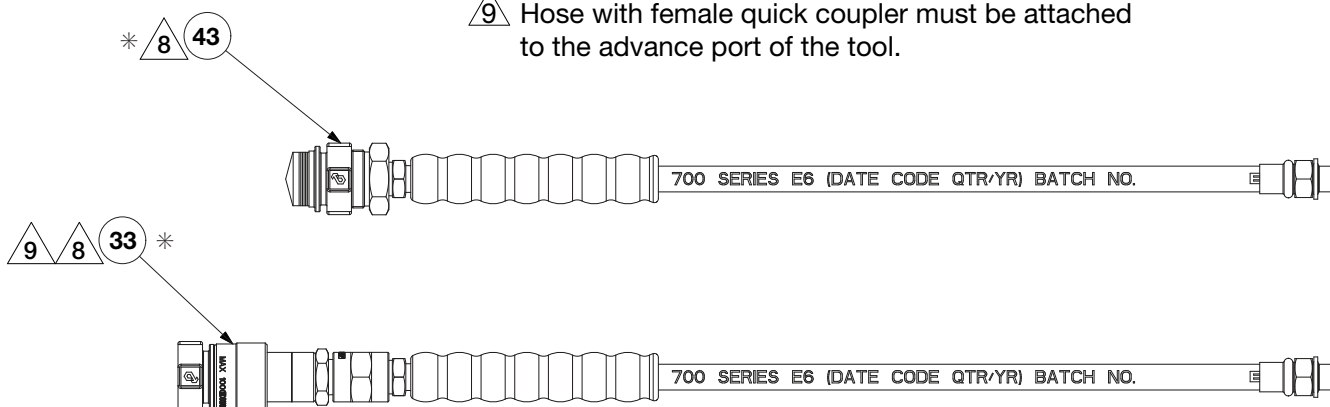


Refer to parts list in
Figure 1 for part
descriptions and
quantities.
(items marked "★")

Figure 15 - ECH500IK Hydraulic Hose Kit.

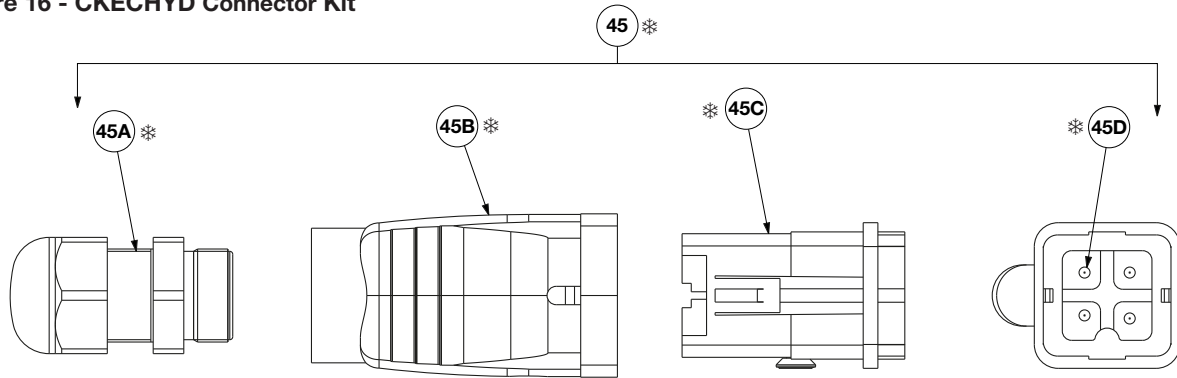
Notes:

- △8 Apply Loctite 542.
- △9 Hose with female quick coupler must be attached to the advance port of the tool.



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

Figure 16 - CKECHYD Connector Kit

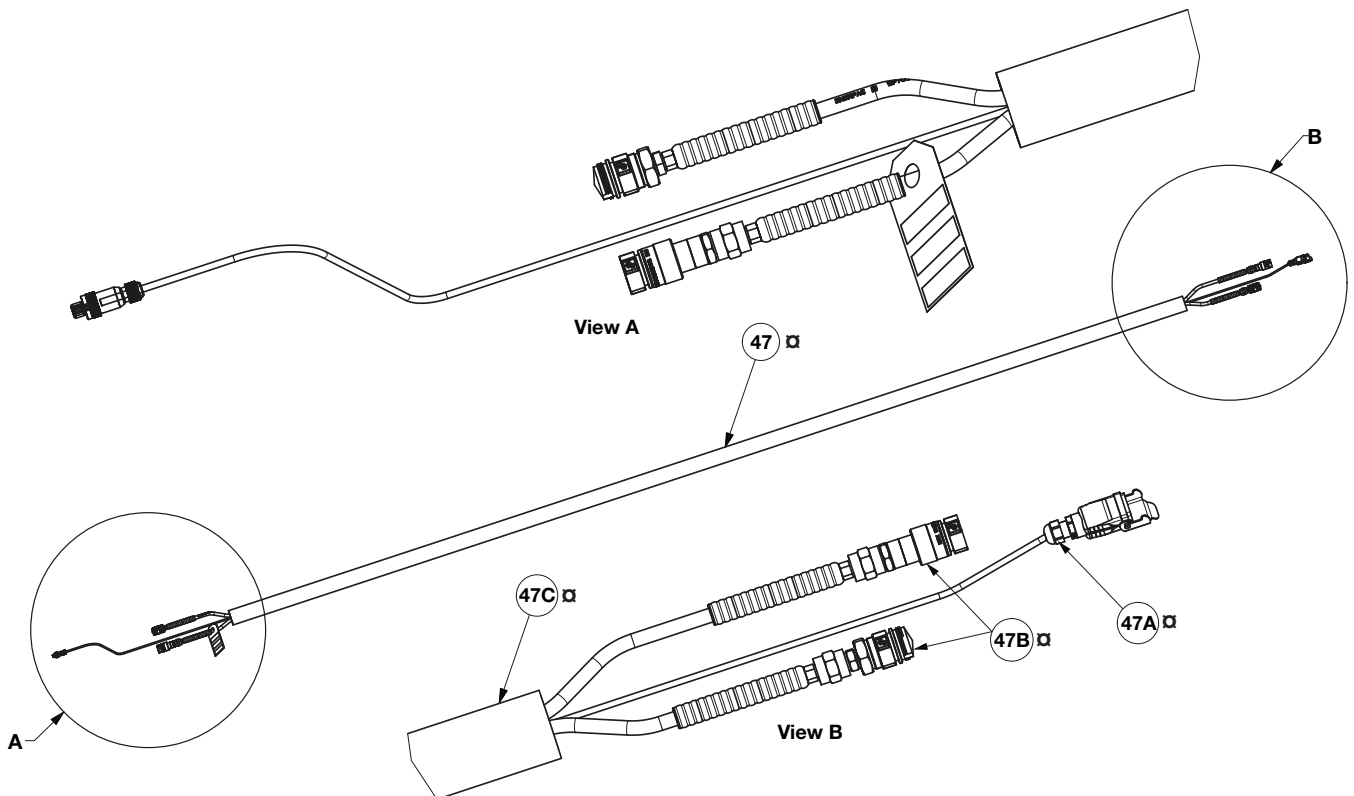


Note:

Items Included in the CKECHYD Kit (item 45):

Item No.	Description
45A	Cable Gland
45B	Housing
45C	Connector
45D	Pins

Figure 17 - CH720EC Hose and Cable Assembly Kit



Note:

Items Included in the CH270EC Kit (item 47):

Item No.	Description	Part No.
47A	Electrical Cable	EW720EC
47B	Twin Hydraulic Hose Assy.	CH720MC
47C	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

This image shows a single page of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page, leaving small margins at the top and bottom. There are no vertical margin lines, and the page contains no text or other markings.

