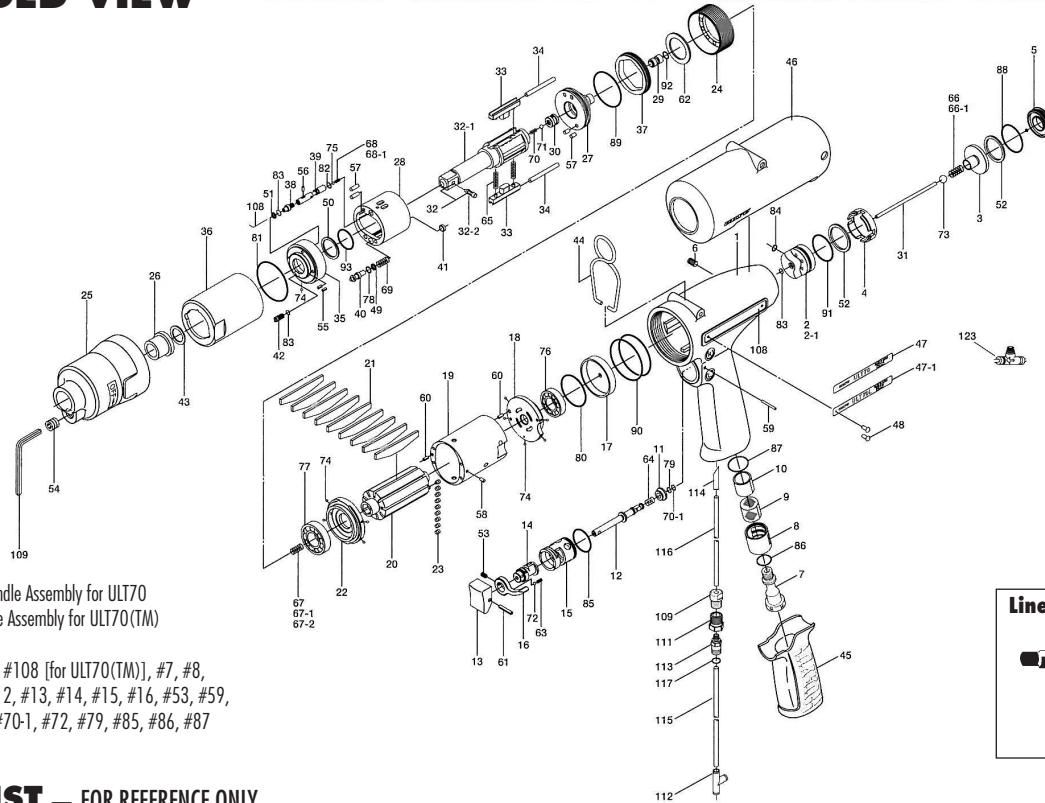


# ULT-70 SERIES OIL-PULSE WRENCHES

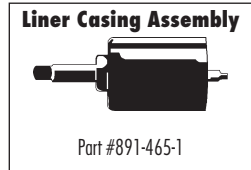
## EXPLODED VIEW



■ 147-984-6 Handle Assembly for ULT70  
 852-513-1 Handle Assembly for ULT70(TM)

Components:

#1 [for ULT70] or #108 [for ULT70(TM)], #7, #8,  
 #9, #10, #11, #12, #13, #14, #15, #16, #53, #59,  
 #61, #63, #64, #70-1, #72, #79, #85, #86, #87



## PARTS LIST — FOR REFERENCE ONLY

Index Number	Part Number	Description	Qty.	Index Number	Part Number	Description	Qty.	Index Number	Part Number	Description	Qty.
1	18E-025-3	Handle	1 ■	39	147-970-6	Relief Valve	1	76	982-014-0	Ball Bearing (607)	1 ▲
2	147-253-6	Shut-off Valve Bushing	1	40	145-972-6	Accumulator	1	77	982-902-0	Ball Bearing (6901)	1 ▲
3	147-254-6	Shut-off Valve	1	41	145-908-7	Accumulator Cover	1	78	990-320-0	O-Ring (ARP568-003)	1 ●
4	147-684-6	Cushion Spacer	1	42	194-742-0	Oil Plug	1	79	990-306-0	O-Ring (ARP568-004)(H)	1 ●
5	147-019-6	Valve Cover	1	43	178-327-0	Anvil Front Spacer	1	80	990-327-0	O-Ring (JW1530-18)	1
6	150-108-5	Valve Plug	1	44	174-790-0	Suspension Ring	1	81	990-334-0	O-Ring (JW1530-24)	1 ●
7	147-091-2	Air Inlet Bushing	1 ■	45	147-842-2	Handle Cover	1	82	990-621-0	O-Ring (3.8 x 1.8 x 1.0)	1 ●
8	147-780-3	Exhaust Stack	1 ■	46	147-840-7	Casing Cover	1	83	990-900-0	O-Ring (SNS-2)	3 ●
9	147-042-2	Silencer	1 ■	47	147-924-6	Name Plate	1	84	990-901-0	O-Ring (SNS-3)	1
10	147-835-3	Filter (K200)	1 ■ ▲	48	930-205-0	Pin (No.0 x 2.6)	2	85	990-912-0	O-Ring (SNS-14)	1 ■
11	147-100-3	Valve	1 ■	49	944-002-0	Support Ring (2.6 x 4.5 x 1)	1 ●	86	990-914-0	O-Ring (SNS-16)	1 ■
12	142-104-6	Valve Rod	1 ■	50	944-013-0	Support Ring (P-12)	1 ●	87	990-916-0	O-Ring (SNS-18)	1 ■ ●
13	147-107-2	Valve Lever	1 ■	51	944-203-0	Support Ring (3.1 x 5 x 1)	1 ●	88	990-918-0	O-Ring (SNS-20)	1
14	147-210-2	Reverse Valve	1 ■	52	944-220-0	Support Ring (1.6 x 22.5 x 1.5)	2	89	990-923-0	O-Ring (SNS-26)	1 ●
15	147-211-2	Reverse Valve Bushing	1 ■	53	952-106-0	Allen Head Screw (M4 x 6)	1 ■	90	990-926-0	O-Ring (SNS-35)	2 ▲
16	09B-212-5	Reverse Lever	1 ■	54	966-099-0	Allen Head Plug (NPT1/16)	1	91	990-979-0	O-Ring (SNS-20)	1
17	145-291-7	Rear Plate Spacer	1	55	969-449-0	Pin (G) (3 x 6) 1/2	1	92	990-305-0	O-Ring (ARP568-003)	1 ●
18	147-285-6	Rear Plate	1	56	970-013-0	Pin (H) (1.5 x 4)	1	93	992-020-0	SU-Ring (Q12)	1 ●
19	147-286-6	Cylinder	1	57	970-204-0	Pin (H) (3 x 6)	4	<b>PARTS FOR ULT-70L</b>			
20	147-287-6	Rotor	1	58	971-102-0	Pin (2 x 3.8)	1	2-1	147-253-7	Shut-off Valve Bushing	1
21	147-288-6	Blade (PC)	9 ▲	59	971-123-0	Pin (2 x 23)	1 ■	47-1	147-924-7	Name Plate	1
22	147-289-6	Front Plate	1	60	973-008-0	Roll Pin (2 x 8)	2	66-1	977-045-0	Cone Spring (4 x 4.6 x 9) (0.45) WPC	1
23	147-064-6	Plug	9	61	973-014-0	Roll Pin (2 x 14)	1 ■	68-1	976-677-0	Spring (2.8 x 7)	1
24	147-036-6	Hammer Casing Connector	1	62	975-752-0	Adjusting Spacer (15 x 10 x t)	1	<b>PARTS FOR (TM) TYPE</b>			
25	147-439-6	Front Casing	1	63	976-006-0	Spring (3 x 5)	1 ■	108	852-587-1	Handle	1 ■
26	190-328-6	Anvil Bushing	1	64	976-457-0	Spring (7 x 12)	1 ■	111	1/16BK1-10F	Barb 10/32 x 1/16npt x 1/16	1
27	147-901-6	Rear Liner Plate	1	65	976-788-0	Spring (3.5 x 25) WPC	2 ●	112	909-442-0	Quick Exhaust (AQ240F-04-00)	1
28	147-902-6	Liner	1	66	977-056-0	Cone Spring (4.1 x 4.7 x 9.4)	1	113	PQ-MC05N	5/32 x 10/32 Fitting	1
29	145-546-6	Piston	1	67	976-650-0	Spring (3.3 x 16) [Standard]	1	115	935-350-0	Polyurethane Hose (F-1504)	1
30	145-929-6	Check Valve Cover	1	67-1	976-661-0	Spring (3.3 x 17) [Weaker]	1	116	935-358-0	PolyurethaneHose(TU-0212)	1
31	147-130-6	Operating Rod (2.1 x 60.5)	1	67-2	976-662-0	Spring (3.3 x 18) [Strong]	1	<b>ACCESSORIES</b>			
32	891-550-1	Anvil CP (P)	1	68	976-676-0	Spring (2.7 x 7.4)	1 ●	117	990-320-0	O-Ring (ARP568-003)	1
32-1	18E-319-3	Anvil	1	69	976-666-0	Spring (4.3 x 23)	1 ●	121	939-091-0	Allen Wrench (1.5)	1
32-2	891-300-1	Socket Pin Assembly	1	70	976-645-0	Spring (2.4 x 5)	1 ●	122	939-105-0	Allen Wrench (4)	1
33	147-440-6	Driving Blade	2	70-1	979-405-0	Outer Snap Ring (E2.5)	1	123	909-449-0	Speed Controller(AS100F-04)	1
34	147-974-6	Roller Pin (2.5 x 28)	2	71	981-001-0	Ball (3/32)	1	<b>FOOTNOTES</b>			
35	147-904-6	Front Liner Plate	1	72	981-002-0	Ball (1/8)	1 ■	● = Items in Pulse Repair Kit ULT-70-PRK			
36	147-905-6	Liner Casing	1	73	981-003-0	Ball (5/32)	1	▲ = Items in Repair Kit ULT-70-RK			
37	147-906-6	Liner Casing Cover	1	74	981-045-0	Ball (1.5 mm)	10	■ = Items in Handle Assembly			
38	174-907-2	Relief Valve Spindle	1	75	981-150-0	Ball (3 mm)	1				



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When ordering spare parts, please specify  
 tool type, part number, and description.

**FOOTNOTES**  
 ● = Items in Pulse Repair Kit ULT-70-PRK  
 ▲ = Items in Repair Kit ULT-70-RK  
 ■ = Items in Handle Assembly

REVISED 08/18