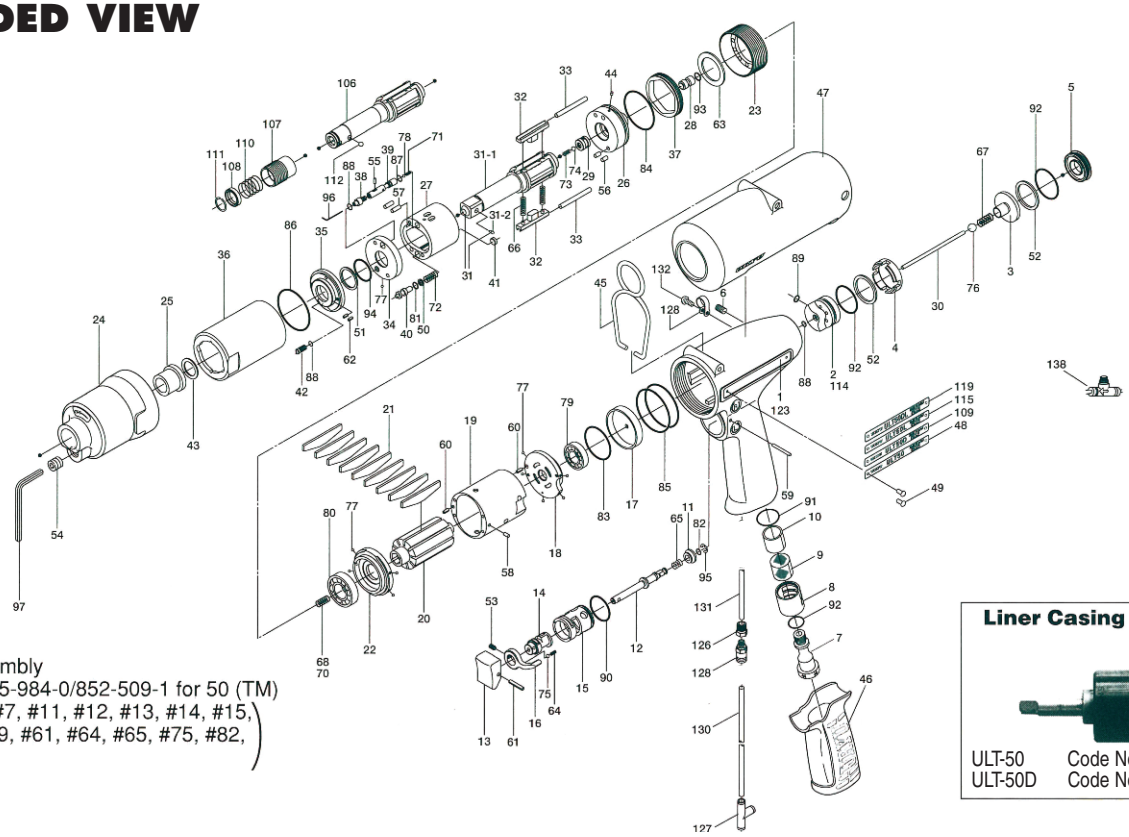
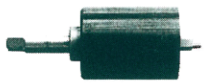
ULT-50(D) SERIES OIL-PULSE WRENCHES

EXPLODED VIEW



Handle Assembly
Code No. 145-984-0/852-509-1 for 50 (TM)
(#1 or #123, #7, #11, #12, #13, #14, #15, #16, #53, #59, #61, #64, #65, #75, #82, #90)

Liner Casing Assembly



ULT-50 Code No. 891-462-1
ULT-50D Code No. 145-911-2

PARTS LIST — FOR REFERENCE ONLY

Index Number	Part Number	Description	Qty.	
1	18B-025-2	Handle	1	
2	145-253-0	Shut-off Valve Bushing	1	
3	145-254-6	Shut-off Valve	1	
4	145-684-6	Cushion Spacer	1	
5	145-019-6	Valve Cover	1	
6	150-108-5	Valve Plug	1	
7	147-091-2	Air Inlet Bushing	1	
8	147-780-3	Exhaust Stack	1	
9	147-042-2	Silencer	1	
10	147-835-3	Filter (K200)	1	▲
11	147-100-3	Valve	1	
12	142-104-6	Valve Rod	1	
13	147-107-2	Valve Lever	1	
14	147-210-2	Reverse Valve	1	
15	147-211-2	Reverse Valve Bushing	1	
16	480-212-8	Reverse Lever	1	
17	145-291-7	Rear Plate Spacer	1	
18	145-285-6	Rear Plate	1	
19	145-286-0	Cylinder	1	
20	145-287-0	Rotor	1	
21	145-288-0	Blade (PC)	9	▲
22	145-289-6	Front Plate	1	
23	147-036-2	Hammer Casing Connector	1	
24	145-439-0	Front Casing	1	
25	190-328-6	Anvil Bushing	1	
26	145-901-0	Rear Liner Plate	1	
27	145-902-0	Liner	1	
28	145-546-6	Piston	1	
29	145-929-6	Check Valve Cover	1	
30	145-130-0	Operating Rod (2.1 x 50.9)	1	
31	891-554-1	Anvil Assembly (P)	1	
31-1	145-319-0	Anvil (0)	1	
31-2	891-300-1	Socket Pin Assembly	1	
32	145-440-0	Driving Blade	2	
33	145-974-0	Roller (2.5x21)	2	
34	145-973-6	Liner Casing Spacer	1	
35	145-904-6	Front Liner Plate	1	
36	145-905-0	Liner Casing	1	
37	145-906-6	Liner Casing Cover	1	
38	145-907-6	Relief Valve Spindle	1	
39	144-970-0	Relief Valve	1	
40	145-972-6	Accumulator	1	
41	145-908-7	Accumulator Cover	1	
42	194-742-0	Oil Plug	1	

Index Number	Part Number	Description	Qty.	
43	145-327-6	Anvil Front Spacer	1	
44	150-064-5	Plug	1	
45	174-790-0	Suspension Ring	1	
46	147-842-2	Handle Cover	1	
47	145-840-7	Casing Cover	1	
48	145-924-0	Name Plate (ULT-50)	1	
49	930-205-0	Pin (No. 0x2.6)	2	
50	944-002-0	Support Ring (2.6x4.5x1)	1	●
51	944-212-0	Support Ring (12x16x1.5)	1	●
52	944-217-0	Support Ring (14x20x1.8)	2	
53	952-106-0	Allen Head Dog Point Screw (M4x6)	1	
54	966-099-0	Allen Head Plug (NPT1/16) GDL	1	
55	970-013-0	Pin (H) (1.5x4)	1	
56	970-130-0	Pin (H) 12.45x4.5)	2	
57	970-131-0	Pin (H) (2.45x9.5)	2	
58	971-102-0	Pin (2x3.8)	1	
59	971-123-0	Pin (2x23)	1	
60	973-008-0	Roll Pin (2x8)	2	
61	973-014-0	Roll Pin (2x14)	1	
62	973-040-0	Roll Pin (1.5x5)	2	
63	975-752-0	Adjusting Spacer (15x1 0xt)	1	
64	976-006-0	Spring (3x5x0.4)	1	
65	976-457-0	Spring (7x12x0.9)	1	
66	976-791-0	Spring (3.3x21 x0.4) WPC	2	●
67	977-043-0	Cone Spring (4.1x4.7x9) (0.45)	1	
68	976-650-0	Spring (3.3x16x0.45) [Standard]	1	
70	976-662-0	Spring (3.3x18x0.45) Yellow [Strong]	1	
71	976-632-0	Spring (2.8x7.7x0.4) for ULT50	1	●
72	976-674-0	Spring (4.3x14x0.55)	1	●
73	976-653-0	Spring (2.4x5x0.26)	1	●
74	981-001-0	Ball (3/32)	1	
75	981-002-0	Ball (1/8)	1	
76	981-003-0	Ball (5/32)	1	
77	981-045-0	Ball (1.5)	9	
78	144-270-0	Pressure Control Valve	1	
79	982-014-0	Ball Bearing (607)	1	▲
80	982-902-0	Ball Bearing (6901)	1	▲
81	990-320-0	O-Ring (APR568-003)	1	●
82	990-306-0	O-Ring (APR568-004H)	1	
83	990-327-0	O-Ring (JW1530-18)	1	
84	990-329-0	O-Ring(JW1530-19)	1	●
85	990-337-0	O-Ring(JW1530-27)	2	▲
86	990-605-0	O-Ring (25x1.45)	1	●
87	990-621-0	O-Ring (3.8x1.8x1.0)	1	●

Index Number	Part Number	Description	Qty.	
88	990-900-0	O-Ring (SNS-2)	3	●
89	990-901-0	O-Ring (SNS-3)	1	
90	990-912-0	O-Ring (SNS-14)	1	
91	990-914-0	O-Ring (SNS-16)	1	
92	990-916-0	O-Ring (SNS-18)	3	
93	990-305-0	O-Ring (ARP568-003KS)	1	●
94	992-020-0	SU-Ring (Q12) NTN	1	●
95	979-405-0	Outer Snap Ring (E2.5)	1	
PARTS FOR ULT50D				
106	145-350-2	Driver Anvil	1	
107	011-351-1	Bit Sleeve (1/8)	1	
108	011-352-1	Bit Spacer	1	
109	145-924-2	Name Plate (ULT50D)	1	
110	976-327-0	Spring (13.5x11x0.9)	1	
111	978-117-0	Snap Ring (11.7x1)	1	
112	981-002-0	Ball (1/8)	1	
PARTS FOR ULT50L				
114	145-253-3	Shut-off Valve Bushing	1	
115	145-924-3	Name Plate	1	
PARTS FOR ULT50DL				
114	145-253-3	Shut-off Valve Bushing	1	
119	145-924-4	Name Plate	1	
PARTS FOR TM-TYPE				
123	852-559-1	Handle	1	
126	1/16BK1-10F	Barb 10/32 X 1/16npt X 1/16	1	
127	909-442-0	Quick Exhaust (AQ240F-04-00)	1	
128	PQ-MC05N	5/32 X 10/32 Fitting	1	
130	935-350-0	Polyurethane Hose (F-1504)	1	
131	935-358-0	Polyurethane Hose (TU-0212)	1	
ACCESSORIES				
96	939-091-0	Allen Wrench (1.5x80x20)	1	
97	939-105-0	Allen Wrench (4)	1	
138	909-449-0	Speed Controller (AS1001F-04)	1	

AIMCO also offers a complete line of standard & special adapters, bits, sockets and extensions.

FOOTNOTES

● Items in Pulse Repair Kit ULT-50(D)PRK
▲ Items in Repair Kit ULT-50(D)-RK

AIMCO
10000 SE PINE,
PORTLAND, OR 97216
503-254-6600
FAX 503-255-2615

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

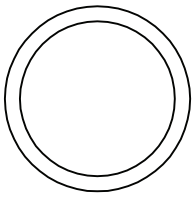
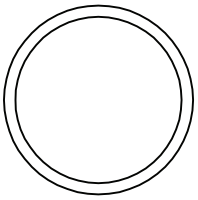
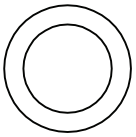
ULT-50-PRK

(Kit contains following parts)

#/#	Item Number on Exploded View	Part Number	QTY	Description	Material	Drawing / Scketch
1	50	944-002-0	1	Support Ring	Teflon-White	
2	51	944-212-0	1	Supporting Ring	Teflon-White	
3	71	976-632-0	1	Spring	Spring wire	
4	73	976-653-0	1	Spring	Spring wire	
5	72	976-674-0	1	Spring	Spring wire	
6	-	976-682-0	1	Spring	Spring wire	
7	66	976-791-0	2	Spring	Spring wire	
8	93	990-305-0	1	O-Ring	Buna-Black	
9	81	990-320-0	1	O-Ring	Buna-Black	

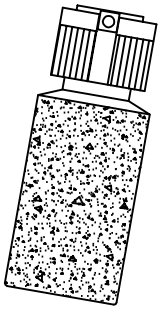
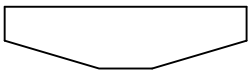
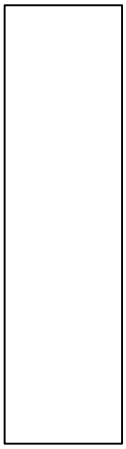
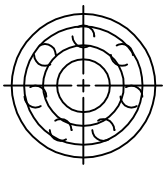
ULT-50-PRK

(Kit contains following parts)

#/#	Item Number on Exploded View	Part Number	QTY	Description	Material	Drawing / Scketch
10	84	990-329-0	1	O-Ring	Buna-Black	
11	86	990-605-0	1	O-Ring	Buna-Black	
12	87	990-621-0	1	O-Ring	Buna-Black	
13	88	990-900-0	2	O-Ring	Buna-Black	
14	94	992-020-0	1	SU-Ring	Buna-Black	

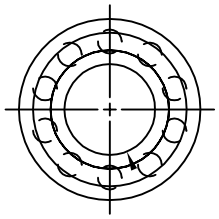
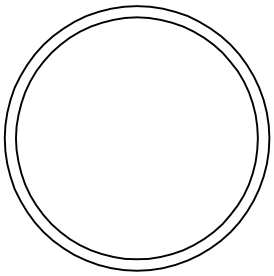
ULT-50-RK

(Kit contains following parts)

#/#	Item Number on Exploded View	Part Number	QTY	Description	Material	Drawing / Scketch
1	-	AM-OIL	1	Oil Air Motor 1 oz. fluid	Plastic Container	
2	21	145-288-0	9	Blade(PC)	Phenolic-Fiber	
3	10	147-835-3	1	Filter K200	Sendered Plastic	
4	79	982-014-0	1	Ball Bearing(607)	Bearing Steel	

ULT-50-RK

(Kit contains following parts)

#/#	Item Number on Exploded View	Part Number	QTY	Description	Material	Drawing / Scketch
5	80	982-902-0	1	Ball Bearing(6901)	Bearing Steel	
6	85	990-337-0	2	O-Ring (JW1530-27)	Buna-Black