Fuji USER MANUAL

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OIL PULSE WRENCHES

MODELS : FLT-6S-3,-6SD-3,-30

FLT-6S-3 P

FLT-6S-3 BF EC



FLT-6S-3

FLT-6SD-3

FLT-6SD-3 EC



FLT-6SD-3, -30

FLT-6SD-30

〈BIT SIZE〉

	FLT-6SD-3	FLT-6SD-30
	A : 9.5mm	A : 13mm
	B : 12mm	B : 16mm

SPECIFICATIONS

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Model	Bolt Size	Recommended Torque Range (0.5~0.63MPa)	Rotational Frequency	Square Drive Size	Bit Shank Size	Air Consumption (At Load)	Mass (without socket)	Overall Length (without socket)	Air Inlet Thread Size	Air Hose Size
	mm	N·m	min^{-1}	mm	mm	m^3/min	kg	mm		mm
FLT-6S-3	M8	21～30	5,600	9.5	–	0.42	0.95	234	Rc 1/4	9.5
FLT-6SD-3	M8	21～30	5,600	–	6.35	0.42	0.95	222	Rc 1/4	9.5
FLT-6SD-30	M8	21～30	5,600	–	6.35	0.42	0.95	222	Rc 1/4	9.5

The performance figures are at 0.63MPa (6.3bar).

⚠ **Refer to "The Instructions and Warning for Safety Use" enclosed in each tool box.**

Fuji Industrial Technique Co.,Ltd.

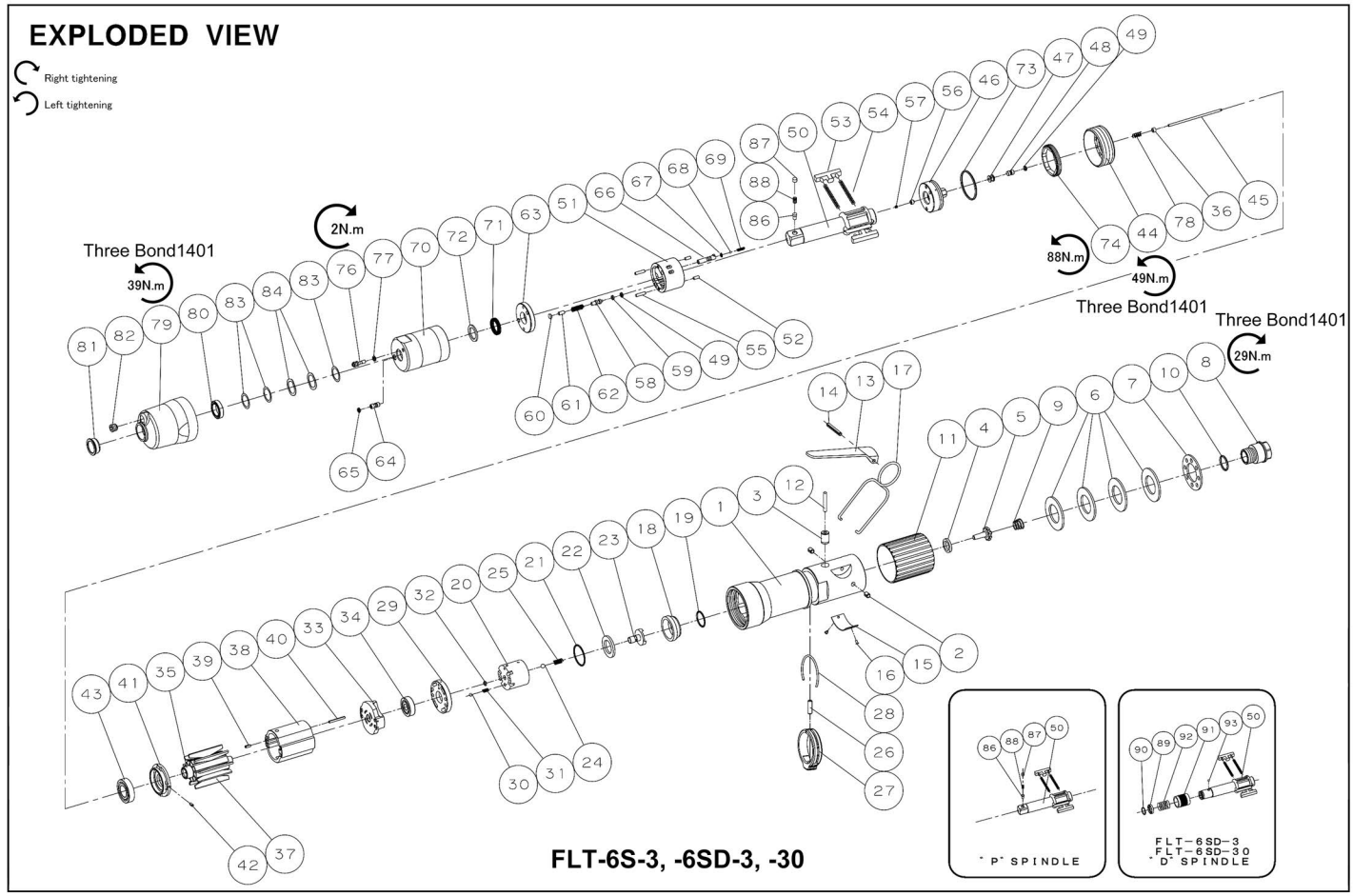
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Specifications are subject to change without notice.

MODELS : FLT-6S-3, -6SD-3, -30

EXPLODED VIEW



PARTS LIST

Index No.	Fuji No.	Parts No.	Parts Name	Qty
		FLT-6S-3 <BF>		
—	W-396006-00	5412076673	Housing Ass' y	1
1	W-396201-00	5412060662	Housing	1
(2)	SP-46	5412056306	Spring Pin	2
(3)	W-299109-00	5412057808	Throttle Valve Bushing	1
4	W-396115-00	5412104068	Throttle Valve Sheet	1
5	W-299110-00	5412057809	Throttle Valve	1
6	W-394237-00	5412060653	Muffler Pad	4
7	W-394250-00	5412060654	Exhaust Cover	1
8	W-394171-00	5412060669	Inlet Joint	1
9	D-001117-00	5412051234	Throttle Valve Spring	1
10	O-S12.5	5412055220	"O" Ring	1
11	W-394557-00	5412060674	Protector	1
12	NR-321.5FR	5412060670	Needle Roller	1
13	M-073121-00	5412054786	Throttle Valve Lever	1
14	SP-325	5412056285	Spring Pin	1
—	W-371033-00	5412076395	Front Case Ass'y	1
79	W-371593-00	5412058470	Front Case	1
80	BB-6701	5412051031	Ball Bearing	1
81	W-302490-01	5412057878	Spindle Bushing	1
82	PL-1/16	5412055397	Plug	1
—	W-396021-07	5412105662	Oil Cylinder Ass'y <BF>	1
46	W-371588-00	5412058465	Oil Cylinder Upper Plate	1
47	W-371104-00	5412058442	Bushing	1
48	W-371720-00	5412058478	Piston	1
49	O-S1.4F(H)	5412055216	"O" Ring (HNBR80)	2
50	W-371438-01	5412058462	Spindle <BF>	1
51	W-371587-00	5412058464	Oil Cylinder	1
52	NR-2.56	5412055084	Needle Roller	2
53	W-371590-00	5412058467	Spindle Blade	2
54	W-371591-00	5412058468	Blade Spring	2
55	NR-2.510.5	5412055078	Needle Roller	2
56	W-362178-00	5412058392	Plunger	1
57	W-362179-00	5412058393	Plunger Spring	1
58	W-371712-00	5412058477	Damper	1
59	BR-S2.5FT2	5412051083	Back-Up Ring	1
60	W-371308-00	5412058457	Spacer	1
61	NR-311	5412055100	Needle Roller	1
62	W-371771-00	5412058481	Spring	1
63	W-371589-00	5412058466	Oil Cylinder Lower Plate	1
64	W-371385-00	5412058460	Adjusting Screw	1

Index No.	Fuji No.	Parts No.	Parts Name	Qty
65	O-S2.5F(H)	5412055227	"O" Ring(HNBR80)	1
66	W-396380-00	5412060683	Adjusting Spindle	1
67	O-2.97X0.63	5412055302	"O" Ring	1
68	B-2	5412050914	Ball	1
69	W-371595-00	5412058471	Torque Adjusting Spring	1
70	W-371592-00	5412058469	Cylinder Case	1
71	O-KX12(H)	5412055181	"X" Ring (HNBR80)	1
72	BR-112B	5412105373	Back-Up Ring	1
73	O-S27.5F(H)	5412055236	"O" Ring	1
74	W-371711-00	5412058476	Cylinder Cover	1
76	W-371226-00	5412058454	Oil Plug	1
77	O-S2F(H)	5412055229	"O" Ring (HNBR80)	1
*86	W-252583-00	5412057217	Retainer Button (F)	1
*87	W-252551-00	5412057216	Plug	1
*88	W-252541-00	5412057213	Button Retainer Spring	1
15	NP-1160	5412060678	Name Plate	1
16	NPN-0X3.2	5412055056	Screw Rivet	2
17	W-394650-00	5412060680	Hanger(Vertical)	1
18	W-394641-00	5412060656	Stop Valve Front Cover	1
19	O-S14	5412055221	"O" Ring	1
20	W-394131-00	5412060646	Reverse Valve	1
21	O-S20	5412055230	"O" Ring	1
22	W-347115-00	5412058365	Throttle Valve Sheet	1
23	W-394640-00	5412060655	Stop Valve	1
24	B-4	5412050919	Ball	1
25	W-395643-01	5412076672	Stop Valve Spring	1
26	NR-413.5	5412055137	Needle Roller	1
27	W-216135-00	5412057086	Reverse Valve Lever	1
28	W-216165-00	5412057087	Stop Ring	1
29	W-394133-00	5412060647	Reverse Valve Sheet	1
30	B-3	5412050915	Ball	1
31	G-005124-00	5412053691	Knock Spring	1
32	O-S2	5412055226	"O" Ring	1
33	W-394210-00	5412060651	Cylinder Upper Plate	1
34	BB-EE2	5412050936	Ball Bearing	1
35	W-371207-00	5412058447	Rotor	1
36	W-394256-00	5412060659	Space Collar	1
37	W-371208-00	5412058448	Rotor Blade	9
38	W-396209-00	5412060663	Cylinder	1
(39)	SP-26	5412056272	Spring Pin	1

* These parts are for "BF"only.

Index No.	Fuji No.	Parts No.	Parts Name	Qty
40	SP-218	5412056268	Spring Pin	1
41	W-395211-00	5412060661	Cylinder Lower Plate	1
(42)	SP-25	5412056271	Spring Pin	1
43	BB-6901	5412051041	Ball Bearing	1
44	W-371255-00	5412058455	Motor Fastening Nut	1
45	W-396753-00	5412060684	Piston Rod	1
78	W-394759-00	5412060664	Return Spring	1
83	W-070169-01	5412056752	Reverse Valve Washer	3
84	WW-12	5412058756	Waved Washer	2
		It is common with FLT-6S-3<BF> excluding the parts below.		
		FLT-6S-3<P>		
—	W-396021-04	5412105471	Oil Cylinder Ass'y<P>	1
50	W-371438-00	5412058461	Spindle<P>	1
		FLT-6SD-3		
—	W-396021-05	5412105472	Oil Cylinder Ass'y	1
50	W-371438-02	5412060718	Spindle	1
89	W-305388-00	5412057911	Spring Holder	1
90	W-305440-00	5412057912	Ring	1
91	W-305625-00	5412057921	Bit Cover	1
92	W-305664-00	5412057922	Finder Spring	1
93	B-3	5412050915	Ball	1
		FLT-6SD-30		
—	W-396021-06	5412105473	Oil Cylinder Ass'y	1
50	W-371438-03	5412076402	Spindle	1
89	W-305388-00	5412057911	Spring Holder	1
90	W-305440-00	5412057912	Ring	1
91	W-305625-00	5412057921	Bit Cover	1
92	W-305664-00	5412057922	Finder Spring	1
93	B-3	5412050915	Ball	1

—	W-371093-00	5412105803	Service Kit
INC	#37, 49, 52, 54, 55, 56, 57, 59, 60, 65, 67, 68, 69, 71, 72, 73, 77, 83, 84		
—	OIL-11-4L	5412105495	Oil (4liter)

☐ The related parts are shown in thick frame.
☐ #1 , #38 and #41 are supplied together with parts shown in ( ).
☐ Specify parts number and quantity when ordering.

■ Standard Accessories

AC No.	Parts No.	Description	Qty
F-701-1	5412052204	1.5mm Hex. Pin Wrench	1
F-704	5412052207	4mm Hex. Pin Wrench	1

● Optional Part (for NPT Inlet)

AC No.	Parts No.	Description
IB-202N00	5412054475	Inlet Bushing (Rc1/4 → NPT1/4)