Fuji USER MANUAL

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OIL PULSE WRENCHES

MODELS : FL-5S-3,-5SD-3,-30

FL-5S-3 P

FL-5S-3 BF EC



FL-5S-3

FL-5SD-3

FL-5SD-3 EC

FL-5SD-30



FL-5SD-3, -30

〈BIT SIZE〉

	FL-5SD-3	FL-5SD-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
FL-5S-3	M6～M8	11～24	7,000	9.5	—	0.40	0.85	210	Rc 1/4	6.3
FL-5SD-3	M6～M8	11～24	7,000	—	6.35	0.40	0.85	210	Rc 1/4	6.3
FL-5SD-30	M6～M8	11～24	7,000	—	6.35	0.40	0.85	210	Rc 1/4	6.3

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

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

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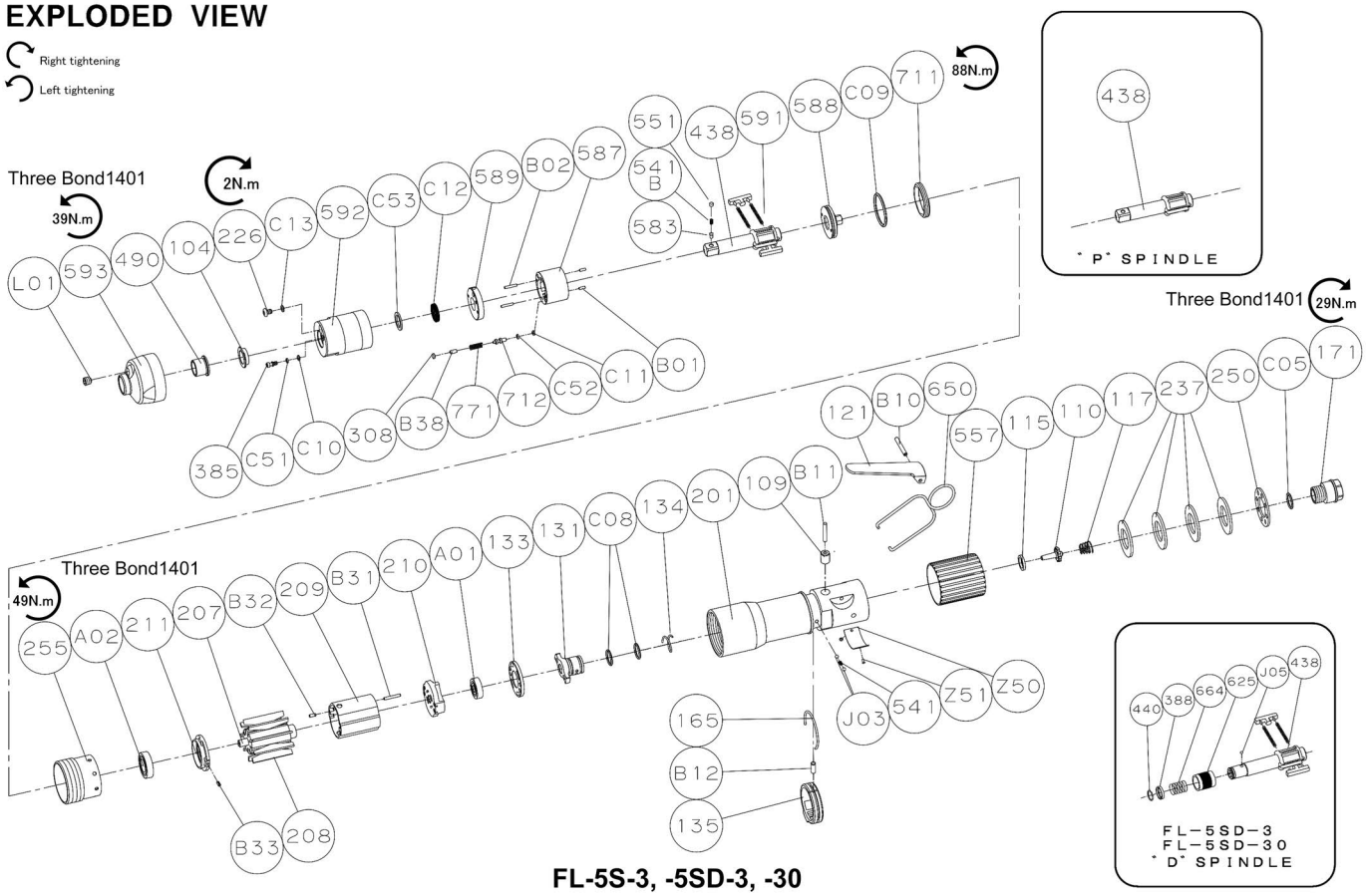
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Specifications are subject to change without notice.

MODELS : FL-5S-3, -5SD-3, -30

EXPLODED VIEW



FL-5S-3, -5SD-3, -30

PARTS LIST

Index No.	Fuji No.	Parts No.	Parts Name	Qty
		FL-5S-3 <BF>		
—	W-398006-00	5412076689	Housing Ass'y	1
110	W-299110-00	5412057809	Throttle Valve	1
115	W-396115-00	5412104068	Throttle Valve Sheet	1
117	D-001117-00	5412051234	Throttle Valve Spring	1
121	M-073121-00	5412054786	Throttle Valve Lever	1
131	W-397131-00	5412076686	Reverse Valve	1
133	W-397133-00	5412076687	Reverse Valve Sheet	1
134	W-299134-00	5412057813	Reverse Valve Spring	1
135	W-216135-00	5412057086	Reverse Valve Lever	1
165	W-216165-00	5412057087	Stop Ring	1
171	W-394171-00	5412060669	Inlet Joint	1
201	W-398201-00	5412076691	Housing	1
(109)	W-397109-00	5412076685	Throttle Valve Bushing	1
237	W-394237-00	5412060653	Muffler Pad	4
250	W-394250-00	5412060654	Exhaust Cover	1
541	W-252541-00	5412057213	Button Retainer Spring	1
557	W-394557-00	5412060674	Protector	1
B10	SP-325	5412056285	Spring Pin	1
B11	NR-321.5FR	5412060670	Needle Roller	1
B12	NR-413.5	5412055137	Needle Roller	1
C05	O-S12.5	5412055220	"O" Ring	1
C08	O-S12.5	5412055220	"O" Ring	2
J03	B-3	5412050915	Ball	2
—	W-379033-00	5412076511	Front Case Ass'y	1
490	W-379490-00	5412058609	Spindle Bushing	1
593	W-379593-00	5412058614	Front Case	1
L01	PL-1/16	5412055397	Plug	1
—	W-379021-07	5412105724	Oil Cylinder Ass'y <BF>	1
104	W-254104-00	5412057220	Bushing	1
226	W-184226-00	5412057024	Oil Plug	1
308	W-371308-00	5412058457	Spacer	1
385	W-379385-00	5412058606	Adjusting Screw	1
438	W-379438-01	5412058608	Spindle<BF>	1
*541B	W-252541-00	5412057213	Button Retainer Spring	1
*551	W-252551-00	5412057216	Plug	1
*583	W-252583-00	5412057217	Retainer Button (F)	1

＊These parts are for "BF"only.

Index No.	Fuji No.	Parts No.	Parts Name	Qty
587	W-379587-00	5412058610	Oil Cylinder	1
588	W-379588-00	5412058611	Oil Cylinder Upper Plate	1
589	W-379589-00	5412058612	Oil Cylinder Lower Plate	1
590	W-370590-00	5412058436	Spindle Blade	2
591	W-371591-00	5412058468	Blade Spring	2
592	W-379592-00	5412058613	Cylinder Case	1
711	W-371711-00	5412058476	Cylinder Cover	1
712	W-371712-00	5412058477	Damper	1
771	W-370771-00	5412058441	Spring	1
B01	NR-25.8F	5412055091	Needle Roller	2
B02	NR-211.8	5412055088	Needle Roller	2
B38	NR-36	5412055122	Needle Roller	1
C09	O-S27.5F(H)	5412055236	"O" Ring (HNBR80)	1
C10	O-S2F(H)	5412055229	"O" Ring(HNBR80)	1
C11	O-S1.4F(H)	5412055216	"O" Ring(HNBR80)	1
C12	O-KX12(H)	5412055181	"X"Ring (HNBR80)	1
C13	O-S3(H)	5412055242	"O" Ring (HNBR80)	1
C51	BR-S2.5FT2	5412051083	Back-Up Ring	1
C52	BR-S2.5FT2	5412051083	Back-Up Ring	1
C53	BR-112B	5412105373	Back-Up Ring	1
207	W-370207-00	5412058429	Rotor	1
208	W-370208-00	5412058430	Rotor Blade	9
209	W-395209-00	5412060660	Cylinder	1
(B32)	SP-26	5412056272	Spring Pin	1
210	W-394210-00	5412060651	Cylinder Upper Plate	1
211	W-395211-00	5412060661	Cylinder Lower Plate	1
(B33)	SP-25	5412056271	Spring Pin	1
255	W-379255-00	5412058604	Motor Fastening Nut	1
650	W-394650-00	5412060680	Hanger (Vertical)	1
A01	BB-EE2	5412050936	Ball Bearing	1
A02	BB-6901	5412051041	Ball Bearing	1
B31	SP-216	5412056267	Spring Pin	1
Z50	NP-1156	5412074851	Name Plate	1
Z51	NPN-0X3.2	5412055056	Screw Rivet	2
	NP-0740	5412060277	Warning Sticker	1

Index No.	Fuji No.	Parts No.	Parts Name	Qty
It is common with FL-5S-3 <BF> excluding the parts below.				
FL-5S-3<P>				
—	W-379021-04	5412105381	Oil Cylinder Ass'y<P>	1
438	W-379438-00	5412058607	Spindle <P>	1
FL-5SD-3				
—	W-379021-05	5412105382	Oil Cylinder Ass'y	1
438	W-379438-02	5412076514	Spindle	1
388	W-305388-00	5412057911	Spring Holder	1
440	W-305440-00	5412057912	Ring	1
625	W-305625-00	5412057921	Bit Cover	1
664	W-305664-00	5412057922	Finder Spring	1
J05	B-3	5412050915	Ball	1
FL-5SD-30				
—	W-379021-06	5412105383	Oil Cylinder Ass'y	1
438	W-379438-03	5412076515	Spindle	1
388	W-305388-00	5412057911	Spring Holder	1
440	W-305440-00	5412057912	Ring	1
625	W-305625-00	5412057921	Bit Cover	1
664	W-305664-00	5412057922	Finder Spring	1
J05	B-3	5412050915	Ball	1

—	W-379093-00	5412105795	Service Kit
INC	# 208, 308, 591, B01, B02, C09, C10, C11, C12, C13 C51, C52, C53		
—	OIL-11-4L	5412105495	Oil（4liter）

☐ The related parts are shown in thick frame.
☐ #201, #209 and #211 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)