

Fuji USER MANUAL



www.fujitools.com

OIL PULSE WRENCHES

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

FL-6S-3 P



FL-6S-3 BF EC



FL-6S-3

FL-6SD-3



FL-6SD-3 EC



FL-6SD-3, -30

FL-6SD-30



〈BIT SIZE〉

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

SPECIFICATIONS

「Scan code to download this document and see this tool on our online catalogue」

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-6S-3	M8	21~32	6,400	9.5	—	0.42	0.9	221	Rc 1/4	9.5
FL-6SD-3	M8	21~32	6,400	—	6.35	0.42	0.9	221	Rc 1/4	9.5
FL-6SD-30	M8	21~32	6,400	—	6.35	0.42	0.9	221	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.

2-1-14, Kamiji, Higashinari-ku, Osaka, 537-0003 Japan

Tel : 81-6-6972-2335

Fax : 81-6-6972-2380

ASSEMBLY TOOLS

ABRASIVE TOOLS

DRILLS / TAPPERS

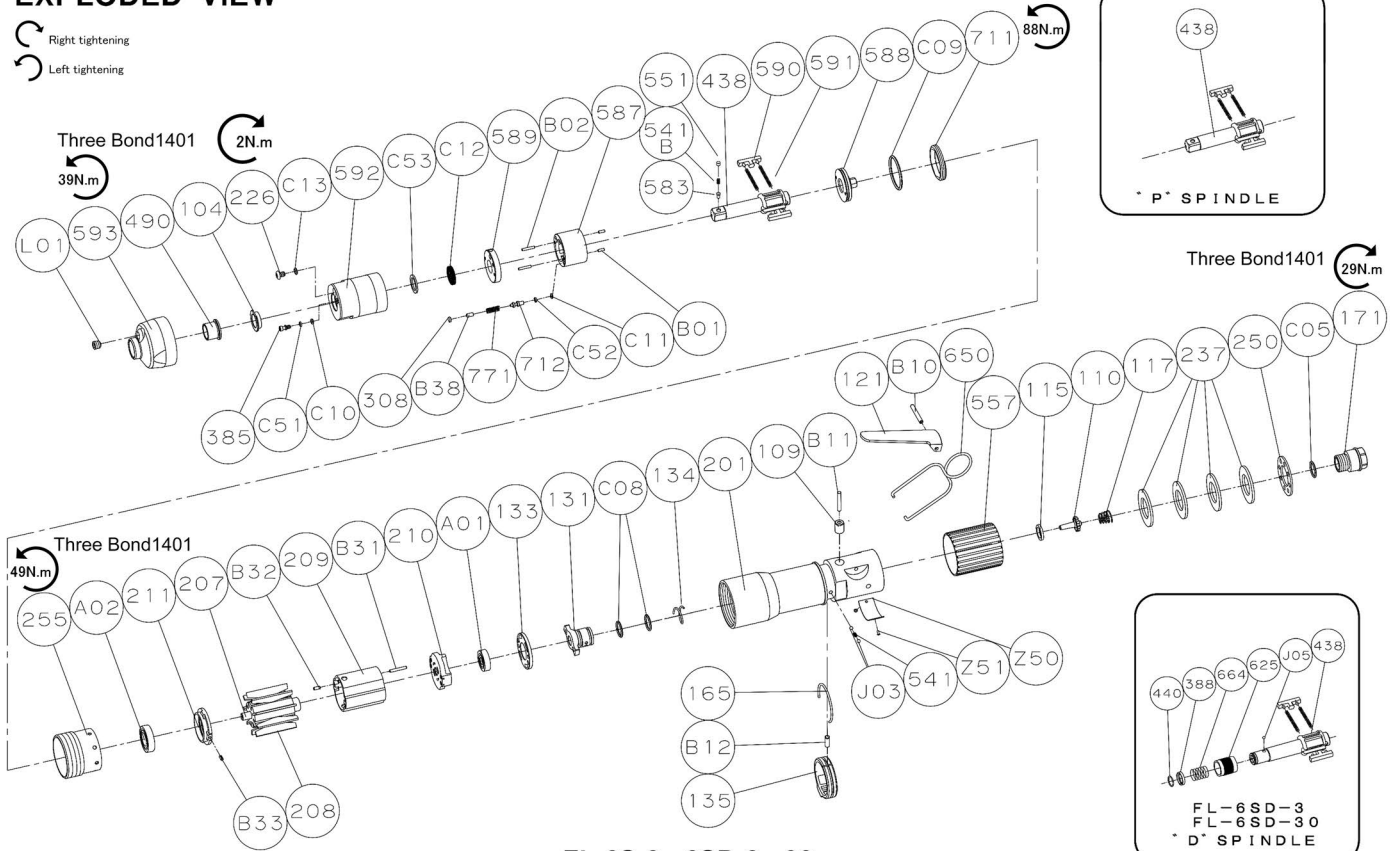
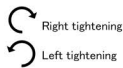
PERCUSSIVE TOOLS

AIR MOTORS

OTHER PRODUCTS

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

EXPLODED VIEW



FL-6S-3, -6SD-3, -30

PARTS LIST

Index No.	Fuji No.	Parts No.	Parts Name	Qty	Index No.	Fuji No.	Parts No.	Parts Name	Qty	Index No.	Fuji No.	Parts No.	Parts Name	Qty
FL-6S-3 <BF>					587	W-380587-00	5412058621	Oil Cylinder	1	It is common with FL-6S-3 <BF> excluding the parts below.				
—	W-399006-00	5412076692	Housing Ass'y	1	588	W-379588-00	5412058611	Oil Cylinder Upper Plate	1	FL-6S-3<P>				
110	W-299110-00	5412057809	Throttle Valve	1	589	W-379589-00	5412058612	Oil Cylinder Lower Plate	1	—	W-380021-04	5412105384	Oil Cylinder Ass'y <P>	1
115	W-396115-00	5412104068	Throttle Valve Sheet	1	590	W-371590-00	5412058467	Spindle Blade	2	438	W-380438-00	5412058618	Spindle <P>	1
117	D-001117-00	5412051234	Throttle Valve Spring	1	591	W-371591-00	5412058468	Blade Spring	2	FL-6SD-3				
121	M-073121-00	5412054786	Throttle Valve Lever	1	592	W-380592-00	5412058622	Cylinder Case	1	—	W-380021-05	5412105385	Oil Cylinder Ass'y	1
131	W-397131-00	5412076686	Reverse Valve	1	711	W-371711-00	5412058476	Cylinder Cover	1	438	W-380438-00	5412058618	Spindle	1
133	W-397133-00	5412076687	Reverse Valve Sheet	1	712	W-371712-00	5412058477	Damper	1	388	W-305388-00	5412057911	Spring Holder	1
134	W-299134-00	5412057813	Reverse Valve Spring	1	771	W-371771-00	5412058481	Spring	1	440	W-305440-00	5412057912	Ring	1
135	W-216135-00	5412057086	Reverse Valve Lever	1	B01	NR-25.8F	5412055091	Needle Roller	2	625	W-305625-00	5412057921	Bit Cover	1
165	W-216165-00	5412057087	Stop Ring	1	B02	NR-211.8	5412055088	Needle Roller	2	664	W-305664-00	5412057922	Finder Spring	1
171	W-394171-00	5412060669	Inlet Joint	1	B38	NR-311	5412055100	Needle Roller	1	J05	B-3	5412050915	Ball	2
201	W-399201-00	5412076694	Housing	1	C09	O-S27.5F(H)	5412055236	"O" Ring(HNBR80)	1	FL-6SD-30				
(109)	W-397109-00	5412076685	Throttle Valve Bushing	1	C10	O-S2F(H)	5412055229	"O" Ring(HNBR80)	1	—	W-380021-06	5412105386	Oil Cylinder Ass'y	1
237	W-394237-00	5412060653	Muffler Pad	4	C11	O-S1.4F(H)	5412055216	"O" Ring(HNBR80)	1	438	W-380438-00	5412058618	Spindle	1
250	W-394250-00	5412060654	Exhaust Cover	1	C12	O-KX12(H)	5412055181	"X"Ring (HNBR80)	1	388	W-305388-00	5412057911	Spring Holder	1
541	W-252541-00	5412057213	Button Retainer Spring	1	C13	O-S3(H)	5412055242	"O" Ring	1	440	W-305440-00	5412057912	Ring	1
557	W-394557-00	5412060674	Protector	1	C51	BR-S2.5FT2	5412051083	Back-Up Ring	1	625	W-305625-00	5412057921	Bit Cover	1
B10	SP-325	5412056285	Spring Pin	1	C52	BR-S2.5FT2	5412051083	Back-Up Ring	1	664	W-305664-00	5412057922	Finder Spring	1
B11	NR-321.5FR	5412060670	Needle Roller	1	C53	BR-112B	5412105373	Back-Up Ring	1	J05	B-3	5412050915	Ball	1
B12	NR-413.5	5412055137	Needle Roller	1	207	W-371207-00	5412058447	Rotor	1	FL-6SD-30				
C05	O-S12.5	5412055220	"O" Ring	1	208	W-371208-00	5412058448	Rotor Blade	9	—	W-373093-00	5412105805	Service Kit	1
C08	O-S12.5	5412055220	"O" Ring	1	209	W-396209-00	5412060663	Cylinder	1	INC	#208, 308, 591, B01, B02, C09, C10, C11, C12, C13 C51, C52, C53			
J03	B-3	5412050915	Ball	2	(B32)	SP-26	5412056272	Spring Pin	1	—	OIL-11-4L	5412105495	Oil (4liter)	1
—	W-380033-00	5412076524	Front Case Ass'y	1	210	W-394210-00	5412060651	Cylinder Upper Plate	1	□ The related parts are shown in thick frame.				
490	W-379490-00	5412058609	Spindle Bushing	1	211	W-395211-00	5412060661	Cylinder Lower Plate	1	□ #201, #209 and #211 are supplied together with parts shown in ().				
593	W-380593-00	5412058623	Front Case	1	(B33)	SP-25	5412056271	Spring Pin	1	□ Specify parts number and quantity when ordering.				
L01	PL-1/16	5412055397	Plug	1	255	W-379255-00	5412058604	Motor Fastening Nut	1					
—	W-380021-07	5412105725	Oil Cylinder Ass'y <BF>	1	650	W-394650-00	5412060680	Hanger (Vertical)	1					
104	W-254104-00	5412057220	Bushing	1	A01	BB-EE2	5412050936	Ball Bearing	1					
226	W-184226-00	5412057024	Oil Plug	1	A02	BB-6901	5412051041	Ball Bearing	1					
308	W-371308-00	5412058457	Spacer	1	B31	SP-216	5412056267	Spring Pin	1					
385	W-379385-00	5412058606	Adjusting Screw	1	Z50	NP-1157	5412074852	Name Plate	1					
438	W-380438-00	5412058618	Spindle <BF>	1	Z51	NPN-0X3.2	5412055056	Screw Rivet	2					
*541B	W-252541-00	5412057213	Button Retainer Spring	1	NP-0740	5412060277	Warning Sticker	1						
*551	W-252551-00	5412057216	Plug	1										
*583	W-252583-00	5412057217	Retainer Button (F)	1										

* These parts are for "BF" only.

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)