Fuji USER MANUAL

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OIL PULSE WRENCHES

MODELS : FLT-4-3,-4D-3,-30

FLT-4-3 P

FLT-4-3 BF

FLT-4-3 BF EC



FLT-4-3



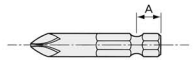
FLT-4D-3, -30

FLT-4D-3

FLT-4D-3 EC

FLT-4D-30

〈BIT SIZE〉

	FLT-4D-3	FLT-4D-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-4-3	M5~M6	5～12	6,200	9.5	–	0.40	0.97	181	Rc 1/4	6.3
FLT-4D-3	M5~M6	5～12	6,200	–	6.35	0.40	0.97	181	Rc 1/4	6.3
FLT-4D-30	M5~M6	5～12	6,200	–	6.35	0.40	0.97	181	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.**

Fuji Industrial Technique Co.,Ltd.

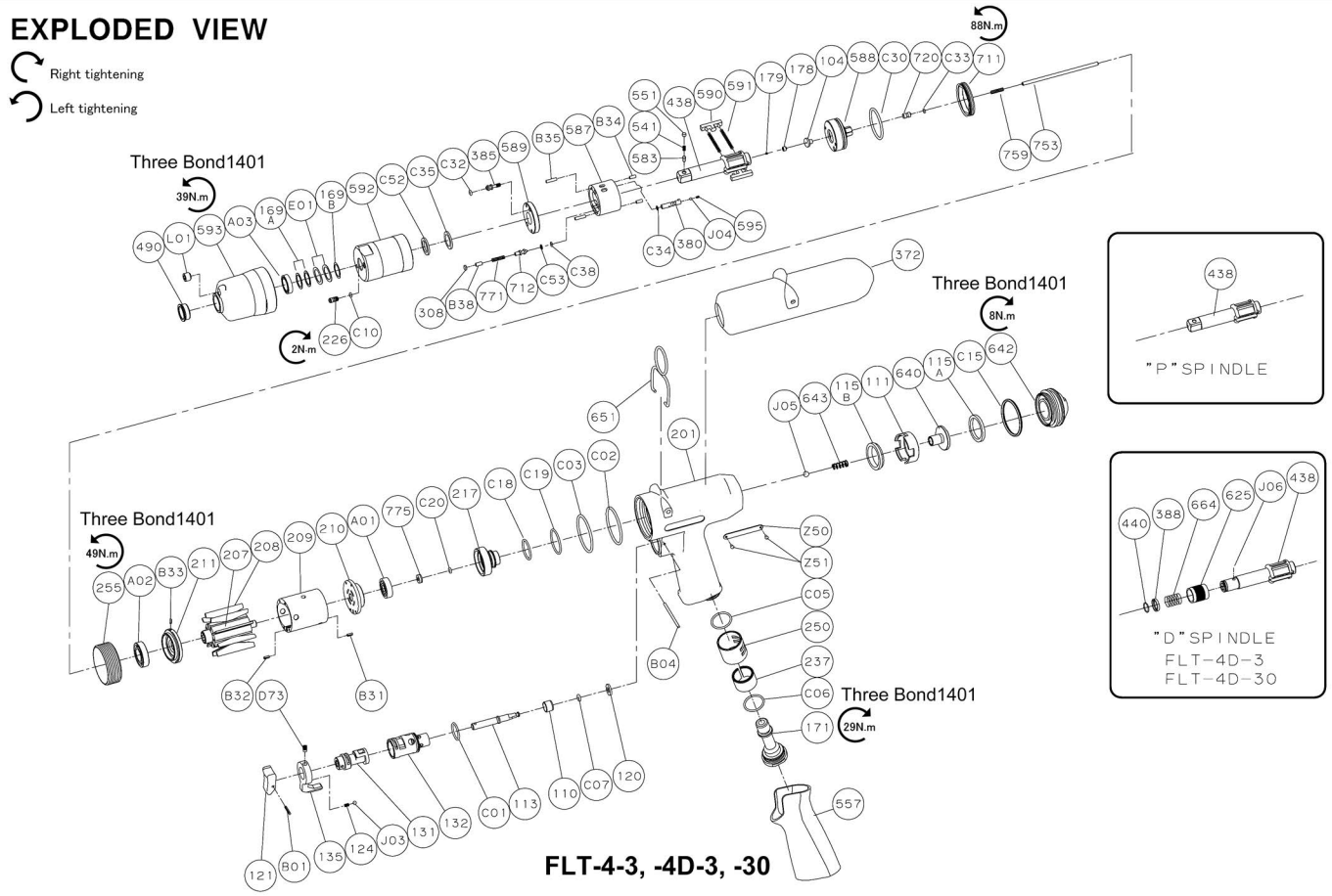
2-1-14, Kamiji, Higashinari-ku, Osaka, 537-0003 Japan

Tel : 81-6-6972-2335
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Specifications are subject to change without notice.

MODELS : FLT-4-3, -4D-3, -30

EXPLODED VIEW



PARTS LIST

Index No.	Fuji No.	Parts No.	Parts Name	Qty
		FLT-4-3 <BF>		
—	W-370006-04	5412105414	Housing Ass'y	1
110	W-371110-00	5412058443	Throttle Valve	1
113	W-362113-00	5412058387	Throttle Valve Rod	1
120	W-371120-00	5412058444	Throttle Valve Cover	1
121	W-254121-00	5412057221	Throttle Valve Lever	1
124	W-254124-00	5412057222	Knock Spring	1
131	W-276131-00	5412057484	Reverse Valve	1
132	W-276132-01	5412057486	Reverse Valve Bushing	1
135	W-254135-00	5412057223	Reverse Valve Lever	1
171	W-371171-00	5412058445	Inlet Joint	1
201	W-370201-03	5412105408	Housing	1
237	W-310237-00	5412057941	Muffler Pad	1
250	W-302250-00	5412057876	Exhaust Cover	1
557	W-371557-00	5412058463	Protector	1
B01	SP-212	5412056265	Spring Pin	1
B04	GP-224GLC	5412060304	Grooved Pin	1
C01	O-S15	5412055222	"O" Ring	1
C02	O-S34	5412055246	"O" Ring	1
C03	O-S34	5412055246	"O" Ring	1
C05	O-S18	5412055225	"O" Ring	1
C06	O-S18	5412055225	"O" Ring	1
C07	O-P3(H)	5412055201	"O" Ring (HNBR80)	1
D73	SS-46D	5412056388	Set Screw(Dog Point)	1
J03	B-3	5412050915	Steel Ball	1
—	W-370033-01	5412105417	Front Case Ass'y	1
490	W-302490-01	5412057878	Spindle Bushing	1
593	W-370593-01	5412105411	Front Case	1
A03	BB-6701	5412051031	Ball Bearing	1
L01	PL-1/16	5412055397	Plug	1
—	W-369021-15	5412105761	Oil Cylinder Ass'y <BF>	1
104	W-371104-00	5412058442	Bushing	1
178	W-362178-00	5412058392	Plunger	1
179	W-362179-00	5412058393	Plunger Spring	1
226	W-371226-00	5412058454	Oil Plug	1
308	W-371308-00	5412058457	Spacer	1
380	W-369380-00	5412060675	Adjusting Spindle	1
385	W-371385-00	5412058460	Adjusting Screw	1
438	W-370438-01	5412060433	Spindle <BF>	1
*541	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-370587-00	5412058435	Oil Cylinder	1
588	W-371588-00	5412058465	Oil Cylinder Upper Plate	1
589	W-371589-00	5412058466	Oil Cylinder Lower Plate	1
590	W-370590-00	5412058436	Spindle Blade	2
591	W-371591-00	5412058468	Blade Spring	2
592	W-370592-00	5412058437	Cylinder Case	1
595	W-369595-00	5412058427	Torque Adjusting Spring	1
711	W-371711-00	5412058476	Cylinder Cover	1
712	W-371712-00	5412058477	Damper	1
720	W-371720-00	5412058478	Piston	1
771	W-370771-00	5412058441	Spring	1
B34	NR-2.56	5412055084	Needle Roller	2
B35	NR-2.510.5	5412055078	Needle Roller	2
B38	NR-36	5412055122	Needle Roller	1
C10	O-S2F(H)	5412055229	"O" Ring (HNBR80)	1
C30	O-S27.5F(H)	5412055236	"O" Ring (HNBR80)	1
C32	O-S2.5F(H)	5412055227	"O" Ring (HNBR80)	1
C33	O-S1.4F(H)	5412055216	"O" Ring (HNBR80)	1
C34	O-2.97X0.63	5412055302	"O" Ring	1
C35	O-KX12(H)	5412055181	"X"Ring (HNBR80)	1
C38	O-S1.4F(H)	5412055216	"O" Ring (HNBR80)	1
C52	BR-112B	5412105373	Back-Up Ring	1
C53	BR-S2.5FT2	5412051083	Back-Up Ring	1
J04	B-2	5412050914	Steel Ball	1
111	W-371111-00	5412103742	Throttle Valve Washer	1
115A	W-371115-00	5412103743	Throttle Valve Sheet	1
115B	W-371115-01	5412103744	Throttle Valve Sheet	1
169A	W-070169-01	5412056752	Reverse Valve Washer	2
169B	W-070169-01	5412056752	Reverse Valve Washer	1
207	W-369207-00	5412058423	Rotor	1
208	W-369208-00	5412058424	Rotor Blade	9
209	W-369209-00	5412058425	Cylinder	1
(B31)	SP-2.56	5412056262	Spring Pin	1
(B32)	SP-2.56	5412056262	Spring Pin	1
210	W-371210-00	5412058450	Cylinder Upper Plate	1
211	W-369211-00	5412058426	Cylinder Lower Plate	1
(B33)	SP-25	5412056271	Spring Pin	1
217	W-371217-01	5412103745	Bearing Cover	1
255	W-371255-00	5412058455	Motor Fastening Nut	1
372	W-370372-01	5412060450	Plastic Cover	1
640	W-371640-00	5412103746	Stop Valve	1
642	W-371642-01	5412103747	Stop Valve Rear Cover	1
643	W-371643-01	5412103748	Stop Valve Spring	1

Index No.	Fuji No.	Parts No.	Parts Name	Qty
651	W-371651-00	5412058474	Hanger (Horizontal)	1
753	W-370753-01	5412103784	Piston Rod	1
759	W-371759-01	5412076404	Return Spring	1
775	W-371775-00	5412058482	Seal Box	1
A01	BB-EE2	5412050936	Ball Bearing	1
A02	BB-6901	5412051041	Ball Bearing	1
C15	O-S25	5412055234	"O" Ring	1
C18	O-S14	5412055221	"O" Ring	1
C19	O-S22	5412055232	"O" Ring	1
C20	O-S3	5412055241	"O" Ring	1
E01	WW-12	5412058756	Wave Washer	2
J05	B-4.5	5412050920	Steel Ball	1
Z50	NP-7000	5412074866	Name Plate	1
Z51	NPN-0X3.2	5412055056	Screw Rivet	2
—	NP-0740	5412060277	Warning Sticker	1
It is common with FLT-4-3 <BF> excluding the parts below.				
FLT-4-3 <P>				
—	W-369021-08	5412105420	Oil Cylinder Ass'y <P>	1
438	W-370438-00	5412058434	Spindle <P>	1
FLT-4D-3				
—	W-369021-09	5412105421	Oil Cylinder Ass'y	1
438	W-370438-02	5412060305	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
J06	B-3	5412050915	Ball	1
FLT-4D-30				
—	W-369021-10	5412105422	Oil Cylinder Ass'y	1
438	W-370438-03	5412076382	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
J06	B-3	5412050915	Ball	1

—	W-369093-00	5412105801	Service Kit
INC # 169A,169B,178,179,208,308,591,595,B34,B35,C10,C30,C32 C33,C34,C35,C38,C52,C53,E01,J04			
—	OIL-11-4L	5412105495	Oil(4 liter)

☐ The related parts are shown in a thick frame.
☐ #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)