

Fuji USER MANUAL



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OIL PULSE WRENCHES

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

FLT-4-3 P



FLT-4D-3



FLT-4-3 BF



FLT-4D-3 EC



FLT-4-3 BF EC



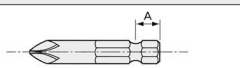
FLT-4D-30



FLT-4-3

FLT-4D-3, -30

〈BIT SIZE〉

	FLT-4D-3	FLT-4D-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
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.

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ASSEMBLY TOOLS

ABRASIVE TOOLS

DRILLS / TAPPERS

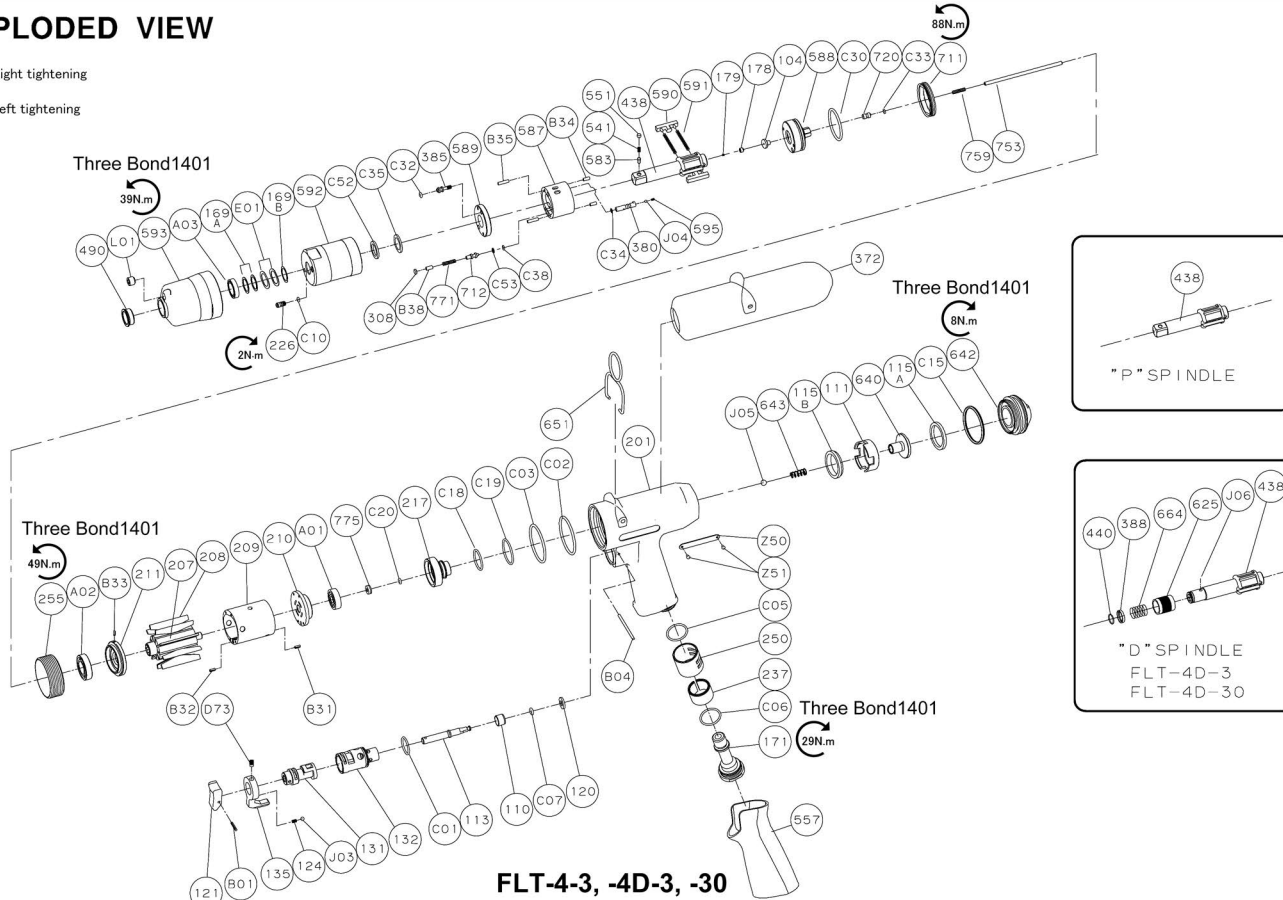
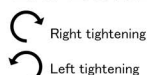
PERCUSSIVE TOOLS

AIR MOTORS

OTHER PRODUCTS

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

EXPLODED VIEW



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
FLT-4-3 <BF>					587	W-370587-00	5412058435	Oil Cylinder	1	651	W-371651-00	5412058474	Hanger (Horizontal)	1
110	W-371110-00	5412058443	Throttle Valve	1	588	W-371588-00	5412058465	Oil Cylinder Upper Plate	1	753	W-370753-01	5412103784	Piston Rod	1
113	W-362113-00	5412058387	Throttle Valve Rod	1	589	W-371589-00	5412058466	Oil Cylinder Lower Plate	1	759	W-371759-01	5412076404	Return Spring	1
120	W-371120-00	5412058444	Throttle Valve Cover	1	590	W-370590-00	5412058436	Spindle Blade	2	775	W-371775-00	5412058482	Seal Box	1
121	W-254121-00	5412057221	Throttle Valve Lever	1	591	W-371591-00	5412058468	Blade Spring	2	A01	BB-EE2	5412050936	Ball Bearing	1
124	W-254124-00	5412057222	Knock Spring	1	592	W-370592-00	5412058437	Cylinder Case	1	A02	BB-6901	5412051041	Ball Bearing	1
131	W-276131-00	5412057484	Reverse Valve	1	595	W-369595-00	5412058427	Torque Adjusting Spring	1	C15	O-S25	5412055234	"O" Ring	1
132	W-276132-01	5412057486	Reverse Valve Bushing	1	711	W-371711-00	5412058476	Cylinder Cover	1	C18	O-S14	5412055221	"O" Ring	1
135	W-254135-00	5412057223	Reverse Valve Lever	1	712	W-371712-00	5412058477	Damper	1	C19	O-S22	5412055232	"O" Ring	1
171	W-371171-00	5412058445	Inlet Joint	1	720	W-371720-00	5412058478	Piston	1	C20	O-S3	5412055241	"O" Ring	1
201	W-370201-03	5412105408	Housing	1	771	W-370771-00	5412058441	Spring	1	E01	WW-12	5412058756	Wave Washer	2
237	W-310237-00	5412057941	Muffler Pad	1	B34	NR-2.56	5412055084	Needle Roller	2	J05	B-4.5	5412050920	Steel Ball	1
250	W-302250-00	5412057876	Exhaust Cover	1	B35	NR-2.510.5	5412055078	Needle Roller	2	Z50	NP-7000	5412074866	Name Plate	1
557	W-371557-00	5412058463	Protector	1	B38	NR-36	5412055122	Needle Roller	1	Z51	NP-N-0X3.2	5412055056	Screw Rivet	2
B01	SP-212	5412056265	Spring Pin	1	C10	O-S2F(H)	5412055229	"O" Ring (HNBR80)	1	—	NP-0740	5412060277	Warning Sticker	1
B04	GP-224GLC	5412060304	Grooved Pin	1	C30	O-S27.5F(H)	5412055236	"O" Ring (HNBR80)	1	It is common with FLT-4-3 <BF> excluding the parts below.				
C01	O-S15	5412055222	"O" Ring	1	C32	O-S2.5F(H)	5412055227	"O" Ring (HNBR80)	1	FLT-4-3 <P>				
C02	O-S34	5412055246	"O" Ring	1	C33	O-S1.4F(H)	5412055216	"O" Ring (HNBR80)	1	—	W-369021-08	5412105420	Oil Cylinder Assy <P>	1
C03	O-S34	5412055246	"O" Ring	1	C34	O-2.97X0.63	5412055302	"O" Ring	1	438	W-370438-00	5412058434	Spindle <P>	1
C05	O-S18	5412055225	"O" Ring	1	C35	O-KX12(H)	5412055181	"X" Ring (HNBR80)	1	FLT-4D-3				
C06	O-S18	5412055225	"O" Ring	1	C38	O-S1.4F(H)	5412055216	"O" Ring (HNBR80)	1	—	W-369021-09	5412105421	Oil Cylinder Assy	1
C07	O-P3(H)	5412055201	"O" Ring (HNBR80)	1	C52	BR-112B	5412105373	Back-Up Ring	1	438	W-370438-02	5412060305	Spindle	1
D73	SS-46D	5412056388	Set Screw (Dog Point)	1	C53	BR-S2.5FT2	5412051083	Back-Up Ring	1	388	W-305388-00	5412057911	Spring Holder	1
J03	B-3	5412050915	Steel Ball	1	J04	B-2	5412050914	Steel Ball	1	440	W-305440-00	5412057912	Ring	1
—	W-370033-01	5412105417	Front Case Assy	1	111	W-371111-00	5412103742	Throttle Valve Washer	1	625	W-305625-00	5412057921	Bit Cover	1
490	W-302490-01	5412057878	Spindle Bushing	1	115A	W-371115-00	5412103743	Throttle Valve Sheet	1	664	W-305664-00	5412057922	Finder Spring	1
593	W-370593-01	5412105411	Front Case	1	115B	W-371115-01	5412103744	Throttle Valve Sheet	1	J06	B-3	5412050915	Ball	1
A03	BB-6701	5412051031	Ball Bearing	1	169A	W-070169-01	5412056752	Reverse Valve Washer	2	FLT-4D-30				
L01	PL-1/16	5412055397	Plug	1	169B	W-070169-01	5412056752	Reverse Valve Washer	1	—	W-369021-10	5412105422	Oil Cylinder Assy	1
—	W-369021-15	5412105761	Oil Cylinder Assy <BF>	1	207	W-369207-00	5412058423	Rotor	1	438	W-370438-03	5412076382	Spindle	1
104	W-371104-00	5412058442	Bushing	1	208	W-369208-00	5412058424	Rotor Blade	9	388	W-305388-00	5412057911	Spring Holder	1
178	W-362178-00	5412058392	Plunger	1	209	W-369209-00	5412058425	Cylinder	1	440	W-305440-00	5412057912	Ring	1
179	W-362179-00	5412058393	Plunger Spring	1	(B31)	SP-2.56	5412056262	Spring Pin	1	625	W-305625-00	5412057921	Bit Cover	1
226	W-371226-00	5412058454	Oil Plug	1	(B32)	SP-2.56	5412056262	Spring Pin	1	664	W-305664-00	5412057922	Finder Spring	1
308	W-371308-00	5412058457	Spacer	1	210	W-371210-00	5412058450	Cylinder Upper Plate	1	J06	B-3	5412050915	Ball	1
380	W-369380-00	5412060675	Adjusting Spindle	1	211	W-369211-00	5412058426	Cylinder Lower Plate	1	Service Kit				
385	W-371385-00	5412058460	Adjusting Screw	1	(B33)	SP-25	5412056271	Spring Pin	1	—	W-369093-00	5412105801	Service Kit	1
438	W-370438-01	5412060433	Spindle <BF>	1	217	W-371217-01	5412103745	Bearing Cover	1	INC # 169A, 169B, 178, 179, 208, 308, 591, 595, B34, B35, C10, C30, C32, C33, C34, C35, C38, C52, C53, E01, J04				
*541	W-252541-00	5412057213	Button Retainer Spring	1	255	W-371255-00	5412058455	Motor Fastening Nut	1	OIL-11-4L 5412105495 Oil (4 liter)				
*551	W-252551-00	5412057216	Plug	1	372	W-370372-01	5412060450	Plastic Cover	1					
*583	W-252583-00	5412057217	Retainer Button (F)	1	640	W-371640-00	5412103746	Stop Valve	1					
* These parts are for "BF" only.					642	W-371642-01	5412103747	Stop Valve Rear Cover	1					
					643	W-371643-01	5412103748	Stop Valve Spring	1					

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)