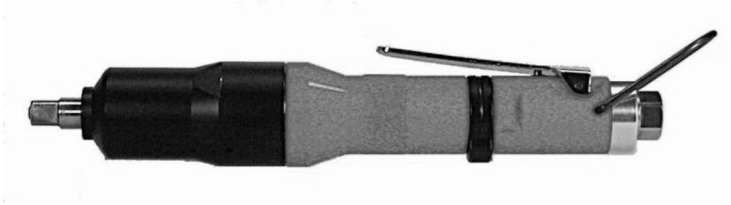
Fuji USER MANUAL

— TORQUE CONTROL OIL PULSE WRENCHES —

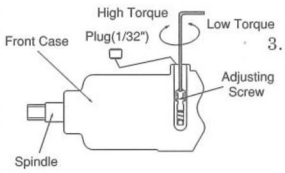
MODELS : FPT-110S-1 & FPT-110SD-1, -10



FPT-110S-1

■ Torque is preset at the min. torque of Recommended Torque Range when the tool is shipped. Adjust torque before use.

■ How to Adjust Torque

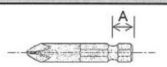
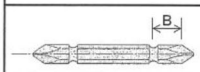


1. Unscrew Plug(1/32") on Front Case by F-712 Hex Pin Wrench.
2. Turn Spindle by hand until Adjusting Screw can be seen through Plug hole.
3. Turn Adjusting Screw clockwise by F-701-1 Hex Pin Wrench to increase torque and counter clockwise to decrease torque.
4. Screw Plug back to Front Case by F-712 Hex Pin Wrench after setting torque.
5. Always set Plug to Front Case when using wrench.



FPT-110SD-1, -10

<BIT SIZE>

	FPW-110SD-1	FPW-110SD-10
	A : 9.5mm	A : 13mm
	B : 12mm	B : 16mm

SPECIFICATIONS

Model	Bolt Size	Recommended Torque Range			Rotational Frequency	Square Drive Size		Bit Shank Size		Overall Length (without socket)		Mass (without socket)		Air Consumption (at Load)	
	mm	N·m	kgf·m	ft·lb	min^{-1}	mm	in	mm	in	mm	in	kg	lb	m^3/min	ft^3/min
FPT-110S-1	M4～M5	3～6	0.3～0.6	2.2～4.4	4,700	9.5	3/8	-	-	236.5	9 5/16	0.7	1.5	0.2	7.1
FPT-110SD-1	M4～M5	3～6	0.3～0.6	2.2～4.4	4,700	-	-	6.35	1/4	239.5	9 27/64	0.7	1.5	0.2	7.1
FPT-110SD-10	M4～M5	3～6	0.3～0.6	2.2～4.4	4,700	-	-	6.35	1/4	239.5	9 27/64	0.7	1.5	0.2	7.1

*Air Inlet Thread Size : PT or NPT 1/4".
*Air Hose Size : 6.3mm(1/4").

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.

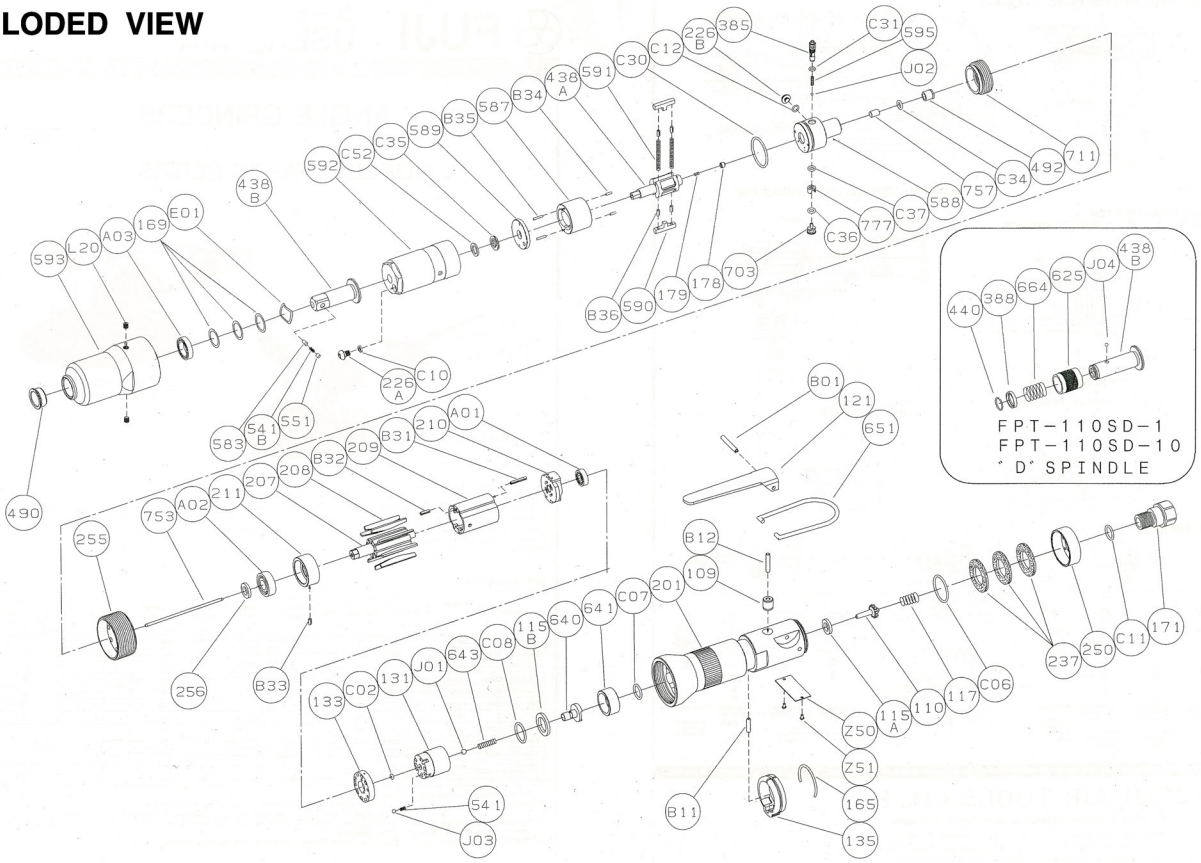
2-1-14, Kamiji, Higashinari-ku, Osaka, 537-0003 Japan

Tel : 81-6-6972-2335
Fax : 81-6-6972-2380

Specifications are subject to change without notice.

MODELS : FPT-110S-1 & FPT-110SD-1, -10

EXPLODED VIEW



PARTS LIST

Index No.	Parts No.	Parts Name	Qt.
FPT-110S-1, -110SD-1, -10			
Ass'y No.	W-363006-00	Housing Ass'y <PT>	
Ass'y No.	W-363006-01	Housing Ass'y <NPT>	
109	W-345109-00	Throttle Valve Bushing	1
110	W-345110-00	Throttle Valve	1
115A	W-345115-00	Throttle Valve Sheet	1
115B	W-363115-00	Throttle Valve Sheet	1
117	W-345117-00	Throttle Valve Spring	1
121	W-345121-00	Throttle Valve Lever	1
131	W-363131-00	Reverse Valve	1
135	W-345135-00	Reverse Valve Lever	1
165	W-345165-00	Stop Ring	1
171	W-345171-00	Inlet Joint <PT>	1
	W-345171-01	Inlet Joint <NPT>	1
201	W-363201-00	Housing	1
237	W-345237-00	Muffler Pad	3
250	W-345250-00	Exhaust Cover	1
541	W-252541-00	Button Retainer Spring	1
640	W-363640-00	Stop Valve	1
641	W-363641-00	Stop Valve Front Cover	1
643	W-363643-00	Stop Valve Spring	1
B01	SP-322	Spring Pin	1
B11	NR-311	Needle Roller	1
B12	NR-317FR	Needle Roller	1
C06	O-S20	"O" Ring	1
C07	O-S10	"O" Ring	1
C08	O-S14	"O" Ring	1
C11	O-S10	"O" Ring	1
J01	B-4	Steel Ball	1
J03	B-3	Steel Ball	1
Ass'y No.	W-362021-00	Oil Cylinder Ass'y	
178	W-362178-00	Plunger	1
179	W-362179-00	Plunger Spring	1
226A	W-345226-00	Oil Plug	1
226B	W-362226-00	Oil Plug	1
385	W-362385-00	Adjusting Screw	1
438A	W-362438-00	Spindle	1
492	W-362492-00	Stopper	1
587	W-345587-00	Oil Cylinder	1
588	W-362588-00	Oil Cylinder Upper Plate	1
589	W-345589-00	Oil Cylinder Lower Plate	1
590	W-345590-00	Spindle Blade	2
(B36)	SP-25	Spring Pin	4
591	W-345591-00	Blade Spring	2
592	W-362592-00	Cylinder Case	1
595	W-362595-00	Torque Adjusting Spring	1
703	W-362703-00	Valve Sheet	1
711	W-362711-00	Cylinder Cover	1
757	W-362757-00	Needle	1
777	W-362777-00	Collar	1
B34	NR-1.55	Needle Roller	2
B35	NR-1.57.8	Needle Roller	2
C10	O-S2F(H)	"O" Ring (HNBR80)	1
C12	O-S3(H)	"O" Ring (HNBR80)	1
C30	O-S20(H)	"O" Ring (HNBR80)	1
C31	O-S3(H)	"O" Ring (HNBR80)	1
C34	O-S5F	"O" Ring	1
C35	O-XR7(H)	"X" Ring (HNBR80)	1
C36	O-S4(H)	"O" Ring (HNBR80)	1
C37	O-S4(H)	"O" Ring (HNBR80)	1
C52	BR-7	Back-Up Ring	1
J02	B-2	Steel Ball	1
Ass'y No.	W-363033-00	Front Case Ass'y	
490	W-302490-01	Spindle Bushing	1
593	W-363593-00	Front Case	1
(L20)	PL-1/32	Plug	2
A03	BB-6701	Ball Bearing	1
133	W-363133-00	Reverse Valve Sheet	1
169	W-070169-01	Reverse Valve Washer	3
207	W-363207-00	Rotor	1
208	W-345208-00	Rotor Blade	9
209	W-345209-00	Cylinder	1
(B31) (B32)	SP-214	Spring Pin	1
	SP-28	Spring Pin	1
210	W-345210-00	Cylinder Upper Plate	1
211	W-363211-00	Cylinder Lower Plate	1
(B33)	SP-25	Spring Pin	1
255	W-363255-00	Motor Fastening Nut	1
256	W-363256-00	Space Collar	1
438B	W-362438-02	Spindle	1
541B	W-252541-00	Button Retainer Spring	1
551	W-252551-00	Plug	1
583	W-252583-00	Retainer Button <F>	1
651	G-028651-00	Hanger (HORIZONTAL)	1
753	W-363753-00	Piston Rod	1
A01	BB-695	Ball Bearing	1
A02	BB-698	Ball Bearing	1
C02	O-S2	"O" Ring	1
E01	WW-12	Wave Washer	1
Z50	NP-1144	Name Plate	1
Z51	NPN-0X3.2	Screw Rivet	2
It is common with FPT-110S-1 excluding the undermentioned parts.			
FPT-110SD-1			
388	W-305388-00	Spring Holder	1
438B	W-345438-03	Spindle	1
440	W-305440-00	Ring	1
625	W-305625-00	Bit Cover	1
664	W-305664-00	Finder Spring	1
J04	B-3	Steel Ball	1
FPT-110SD-10			
388	W-305388-00	Spring Holder	1
438B	W-345438-04	Spindle	1
440	W-305440-00	Ring	1
625	W-305625-00	Bit Cover	1
664	W-305664-00	Finder Spring	1
J04	B-3	Steel Ball	1

☐ Ass'y No. denotes no. of the assembled parts comprising of more than 1 pc. of parts.
The related parts are shown in the thick frame.
☐ #209, 211, 590, 593 are supplied together with parts shown in ( ).
☐ Specify parts number and quantity in ordering.

■ Standard Accessories

AC No.	Description	Qt.
F-701-1	1.5mm Hex. Pin Wrench	1
F-712	5mm Hex. Pin Wrench	1