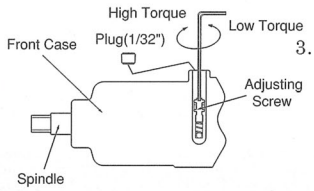
Fuji USER MANUAL

PULSE WRENCHES

MODELS : FPW-110S-1, -110SD-1, -10

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

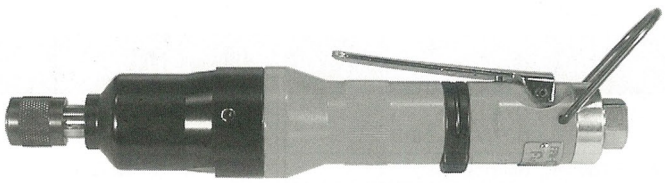
■ How to Adjust Torque



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.



FPW-110S-1



FPW-110SD-1, -10

SPECIFICATIONS

Model	Bolt Size	Recommended Torque Range			Rotational Frequency	Distance from Center to Side		Square Drive Size		Bit Shank Size		Overall Length		Mass		Air Consumption (At Load)	
	mm	N·m	kgf·m	ft·lb	min^{-1}	mm	in	mm	in	mm	in	mm	in	kg	lb	m^3/min	ft^3/min
FPW-110S-1	M4	2~7.5	0.2~0.8	1.5~5.5	3,200	17.5	11/16	9.5	3/8	—	—	218	8 19/32	0.65	1.4	0.2	7.1
FPW-110SD-1(10)	M4	2~7.0	0.2~0.7	1.5~5.2	3,200	17.5	11/16	—	—	6.35	1/4	224	8 53/64	0.65	1.4	0.2	7.1

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

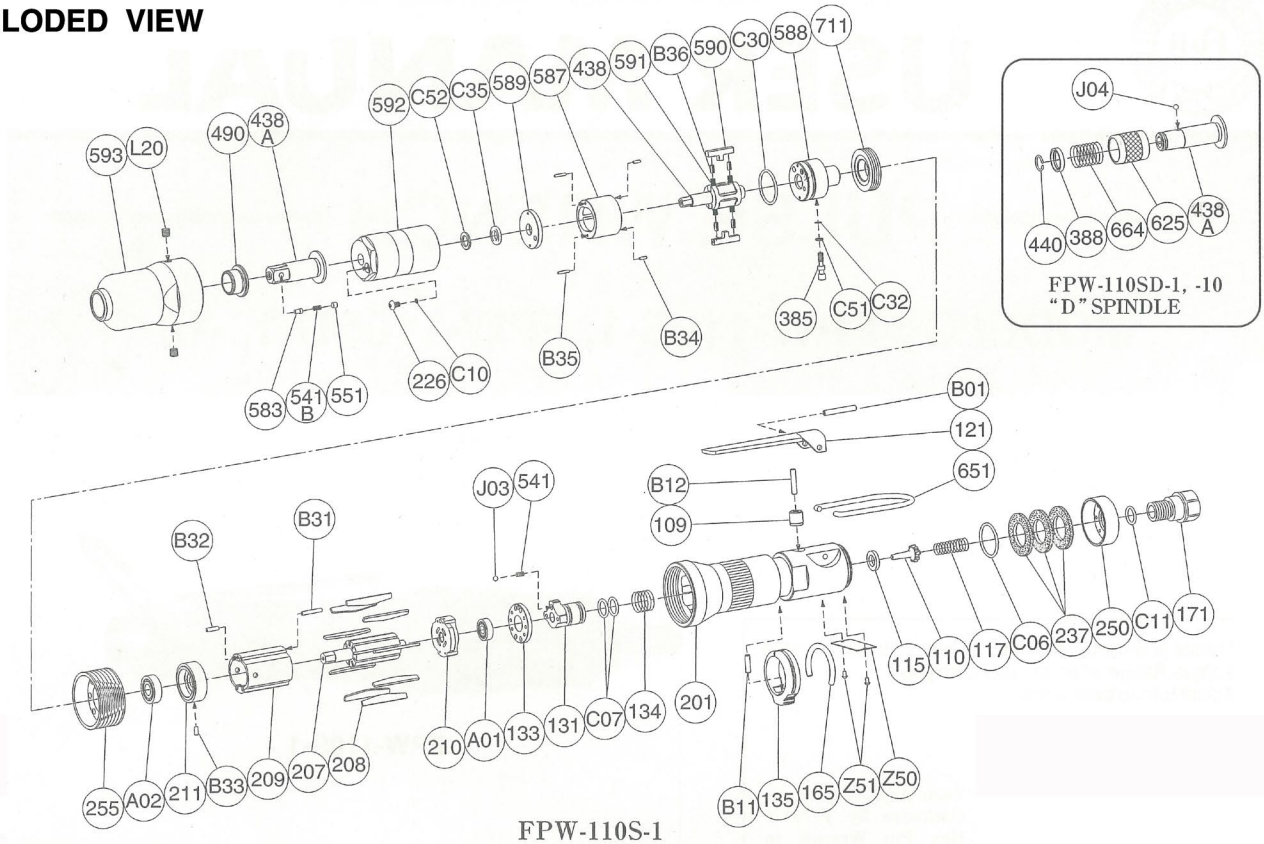
2-1-14, Kamiji, Higashinari-ku, Osaka, 537-0003 Japan

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

Specifications are subject to change without notice.

MODELS : FPW-110S-1, -110SD-1, -10

EXPLODED VIEW



FPW-110S-1

PARTS LIST

Index No.	Parts No.	Parts Name	Qt.
FPW-110S-1 FPW-110SD-1, -10			
Ass'y No.	W-345006-04	Housing Ass'y〈PT〉	
Ass'y No.	W-345006-05	Housing Ass'y〈NPT〉	
109	W-345109-00	Throttle Valve Bushing	1
110	W-345110-00	Throttle Valve	1
115	W-345115-00	Throttle Valve Sheet	1
117	W-345117-00	Throttle Valve Spring	1
121	W-345121-00	Throttle Valve Lever	1
131	W-345131-00	Reverse Valve	1
134	W-345134-00	Reverse Valve Spring	1
135	W-345135-00	Reverse Valve Lever	1
165	W-345165-00	Stop Ring	1
171	W-345171-00	Inlet Joint 〈PT〉	1
171	W-345171-01	Inlet Joint 〈NPT〉	1
201	W-345201-00	Housing	1
237	W-345237-00	Muffler Pad	3
250	W-345250-00	Exhaust Cover	1
541	W-252541-00	Button Retainer Spring〈F〉	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	2
C11	O-S10	"O" Ring	1
J03	B-3	Ball	1

Index No.	Parts No.	Parts Name	Qt.
Ass'y No.	W-345021-00	Oil Cylinder Ass'y	
226	W-345226-00	Oil Plug	1
385	W-345385-00	Adjusting Screw	1
438	W-345438-00	Spindle	1
587	W-345587-00	Oil Cylinder	1
588	W-345588-00	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-345592-00	Cylinder Case	1
711	W-345711-00	Cylinder Cover	1
B34	NR-1.55	Needle Roller	2
B35	NR-1.58	Needle Roller	2
C10	O-S2F(H)	"O" Ring	1
C30	O-S20(H)	"O" Ring	1
C32	O-S2F(H)	"O" Ring	1
C35	O-XR7(H)	"X" Ring	1
C51	BR-S2.5FT2	Back Up Ring	1
C52	BR-7	Back Up Ring	1
Ass'y No.	W-345033-00	Front Case Ass'y	
490	W-345490-00	Spindle Bushing	1
593	W-345593-00	Front Case	1
L20	PL-1/32	Plug	2
FPW-110S-1			
133	W-345133-00	Reverse Valve Sheet	1
207	W-345207-00	Rotor	1

Index No.	Parts No.	Parts Name	Qt.
208	W-345208-00	Rotor Blade	9
209	W-345209-00	Cylinder	1
(B31)	SP-214	Spring Pin	1
(B32)	SP-28	Spring Pin	1
210	W-345210-00	Cylinder Upper Plate	1
211	W-345211-00	Cylinder Lower Plate	1
(B33)	SP-25	Spring Pin	1
255	W-345255-00	Motor Fastening Nut	1
438A	W-345438-02	Spindle 〈B〉	1
541B	W-252541-00	Button Retainer Spring〈F〉	1
551	W-252551-00	Plug	1
583	W-252583-00	Retainer Button 〈F〉	1
651	G-028651-00	Hanger	1
A01	BB-695	Ball Bearing	1
A02	BB-697	Ball Bearing	1
Z50	NP-1076	Name Plate	1
Z51	NPN-0X3.2	Screw Rivet	1
It is common with FPW-110S-1 excluding the undermentioned parts.			
FPW-110SD-1, -10			
388	W-305388-00	Spring Holder	1
438A	W-345438-03	Spindle〈D〉〈for -110SD-1〉	1
438A	W-345438-04	Spindle〈D〉〈for -110SD-10〉	1
440	W-305440-00	Ring	1
625	W-305625-00	Bit Cover	1
664	W-305664-00	Finder Spring	1
J04	B-3	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.

☐ Index Nos. 209, 211 and 590 are supplied together with parts shown in ( ).

☐ Specify parts number and quantity in ordering.

■ Standard Accessories : F-701-1 ..... 1.5mm Hex. Pin Wrench 1.
F-712 ..... 2 mm Hex. Pin Wrench 1.