Fuji USER MANUAL

PULSE WRENCHES

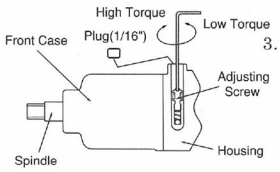
SHUT-OFF TYPE

MODEL : FPT-1660-1

PAT

■ 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(1/16") on Housing by F-704 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 Housing by F-704 Hex Pin Wrench after setting torque.
5. Always set Plug to Housing when using wrench.



FPT-1660-1

SPECIFICATIONS

Model	Bolt Size	Recommended Torque Range			Rotational Frequency	Distance from Center to Side		Square Drive Size		Overall Length		Mass		Air Consumption (At Load)		Air Hose Size	
	mm	N·m	kgf·m	ft·lb	min^{-1}	mm	in	mm	in	mm	in	kg	lb	m^3/min	ft^3/min	mm	in
FPT-1660-1	M16~M18	150~210	15.3~21.4	110.6~154.9	2,800	35.0	1 25/64	19.0	3/4	266	10 31/64	4.4	9.7	1.2	42.4	9.5	3/8

Air Inlet Thread : PT or NPT 3/8"

Use above model at 0.5~0.63MPa (5.0~6.3kgf/cm^2) air pressure.
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.

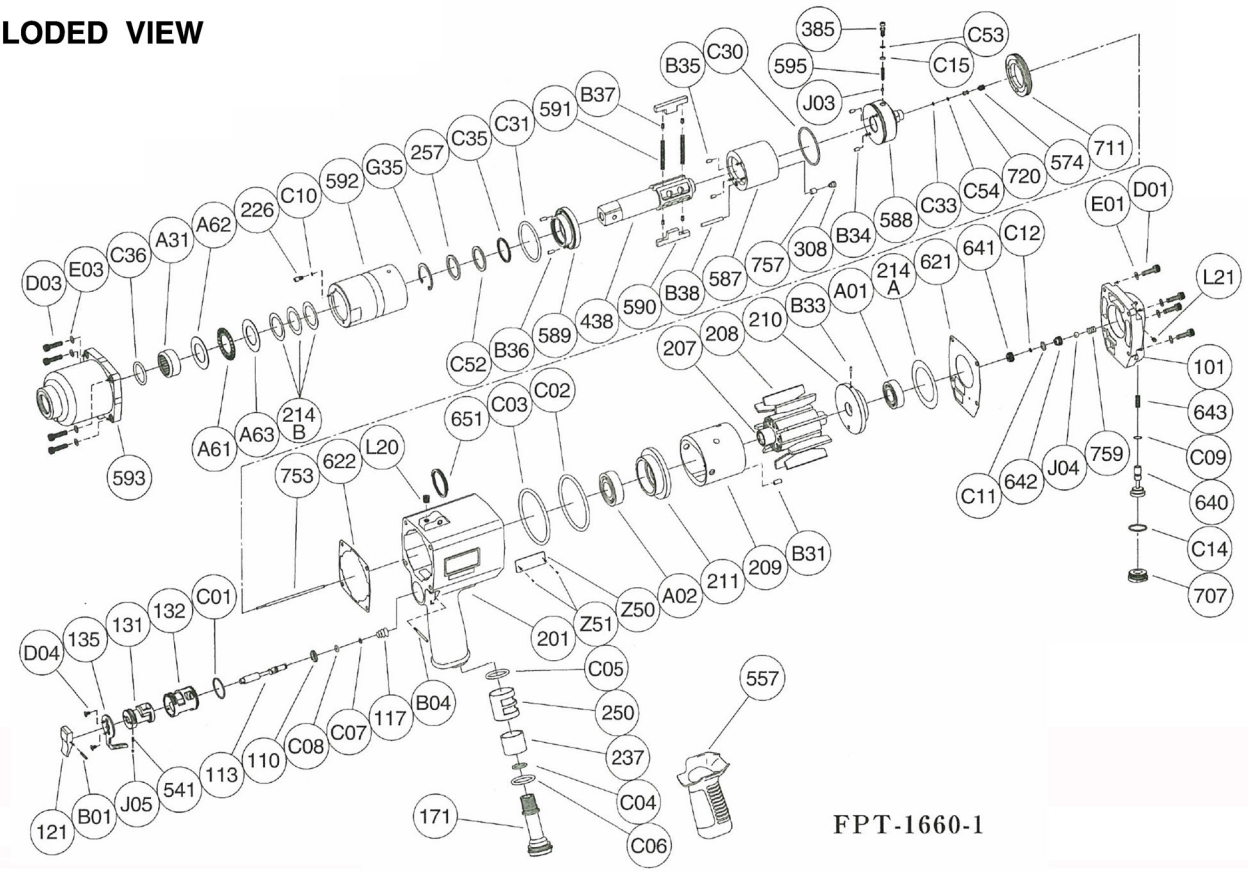
2-1-14, Kamiji, Higashinari-ku, Osaka, 537-0003 Japan

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

Specifications are subject to change without notice.

MODEL : FPT-1660-1

EXPLODED VIEW



PARTS LIST

Index No.	Parts No.	Parts Name	Qt.
Ass'y No.	**W-360001-00**	**Housing Cover Ass'y**	
101	W-360101-00	Housing Cover	1
640	W-360640-00	Stop Valve	1
641	W-326641-00	Stop Valve Front Cover	1
642	W-326642-00	Stop Valve Rear Cover	1
643	W-360643-00	Stop Valve Spring	1
707	W-333707-00	Valve Cover	1
759	W-326759-00	Return Spring	1
C09	O-P11	"O" Ring	1
C11	O-S9	"O" Ring	1
C12	O-S3	"O" Ring	1
C14	O-S20	"O" Ring	1
J04	B-7	Ball	1
L21	PL-1/32	Plug	1
Ass'y No.	**W-360006-00**	**Housing Ass'y〈PT〉**	
Ass'y No.	**W-360006-01**	**Housing Ass'y〈NPT〉**	
110	W-341110-00	Throttle Valve	1
113	W-341113-00	Throttle Valve Rod	1
117	W-282117-01	Throttle Valve Spring	1
121	W-283121-00	Throttle Valve Lever	1
131	W-341131-00	Reverse Valve	1
132	W-341132-00	Reverse Valve Bushing	1
135	W-341135-01	Reverse Valve Lever	1
171	W-341171-00	Inlet Joint〈PT〉	1
	W-341171-01	Inlet Joint〈NPT〉	1
201	W-360201-00	Housing	1
237	W-341237-00	Muffler Pad	1
250	W-341250-00	Exhaust Cover	1
541	W-252541-00	Button Retainer Spring〈F〉	1
B01	SP-212	Spring Pin	1
B04	GP-2.532GLC	Grooved Pin	1
C01	O-S24	"O" Ring	1
C02	O-S67	"O" Ring	1
C03	O-S67	"O" Ring	1
C04	O-S15	"O" Ring	1

Index No.	Parts No.	Parts Name	Qt.
C05	O-S25	"O" Ring	1
C06	O-S25	"O" Ring	1
C07	O-S4	"O" Ring	1
C08	O-P5	"O" Ring	1
D04	CS-36S	Cap Screw	2
J05	B-3	Ball	1
L20	PL-1/16	Plug	1
Ass'y No.	**W-360021-00**	**Oil Cylinder Ass'y**	
226	W-281226-00	Oil Plug	1
257	W-341257-00	Washer	1
308	W-335308-00	Spacer	1
385	W-335385-00	Adjusting Screw	1
438	W-341438-00	Spindle	1
574	W-326574-00	Bolt Holder	1
587	W-341587-00	Oil Cylinder	1
588	W-360588-00	Oil Cylinder Upper Plate	1
589	W-360589-00	Oil Cylinder Lower Plate	1
590	W-341590-00	Spindle Blade	2
(B37)	SP-36	Spring Pin	4
591	W-341591-00	Blade Spring	2
592	W-360592-00	Cylinder Case	1
595	W-360595-00	Torque Adjusting Spring	1
711	W-341711-00	Cylinder Cover	1
720	W-300720-00	Piston	1
757	W-224757-00	Needle	1
B34	NR-3.56	Needle Roller	2
B35	NR-3.56	Needle Roller	2
B36	GP-36GCH	Grooved Pin	2
B38	NR-430	Needle Roller	1
C10	O-S3(H)	"O" Ring	1
C15	O-P3(H)	"O" Ring	1
C30	O-S46(H)	"O" Ring	1
C31	O-47X1.6(H)	"O" Ring	1
C33	O-S1.4F	"O" Ring	1
C35	O-X215(H)	"O" Ring	1

Index No.	Parts No.	Parts Name	Qt.
C52	BR-215F	Back Up Ring	1
C53	BR-P3T2	Back Up Ring	1
C54	BR-S2.5FT2	Back Up Ring	1
G35	SR-RA32	Snap Ring	1
J03	B-3	Ball	1
Ass'y No.	**W-360033-00**	**Front Case Ass'y**	
593	W-360593-00	Front Case	1
A31	NB-HMK2515C	Needle Bearing	1
C36	O-S25	"O" Ring	1
207	W-341207-00	Rotor	1
208	W-341208-00	Rotor Blade	9
209	W-341209-00	Cylinder	1
(B31)	SP-410	Spring Pin	1
210	W-341210-00	Cylinder Upper Plate	1
(B33)	SP-26	Spring Pin	1
211	W-341211-00	Cylinder Lower Plate	1
214A	W-341214-00	Adjusting Washer	1
214B	D-029214-00	Adjusting Washer	3
557	W-341557-00	Protector	1
621	W-360621-00	Packing〈A〉	1
622	W-341622-00	Packing〈B〉	1
651	W-181651-00	Horizontal Hanger	1
753	W-360753-00	Piston Rod	1
A01	BB-6003	Ball Bearing	1
A02	BB-6004	Ball Bearing	1
A61	NB-NTB2542	Thrust Needle Bearing	1
A62	TW-AS2542	Thrust Washer	1
A63	TW-AS2542	Thrust Washer	1
D01	CS-516	Cap Screw	4
D03	CS-520	Cap Screw	4
E01	PW-5K	Plain Washer	4
E03	PW-5K	Plain Washer	4
Z50	NP-2070	Name Plate	1
Z51	NPN-0X3.2	Screw Rivet	2

☐ 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, 210 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-704·····4mm Hex. Pin Wrench 1.