



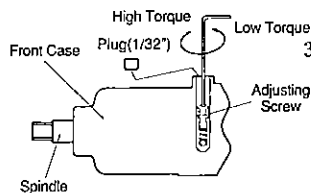
USER MANUAL

— PULSE WRENCH SHUT-OFF TYPE —

MODELS : FPT-660S-1, FPT-660SD-1, -10

■ 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-660S-1



FPT-660SD-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)		Air Hose Size	
		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
FPT-660S-1	M6~M8	20~30	2.0~3.1	14.8~22.1	5000	23	29/32	9.5	3/8	—	—	262	10 21/64	1.09	2.4	0.5	17.7	9.5	3/8
FPT-660SD-1(10)	M6~M8	15~28	1.5~2.9	11.1~20.7	5000	23	29/32	—	—	6.35	1/4	262	10 21/64	1.10	2.4	0.5	17.7	9.5	3/8

* Air Inlet Thread : PT or NPT 1/4"

* Use all above model at 0.5~0.63 MPa (5.0~6.3kgf/cm²) 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 AIR TOOLS CO., LTD.

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

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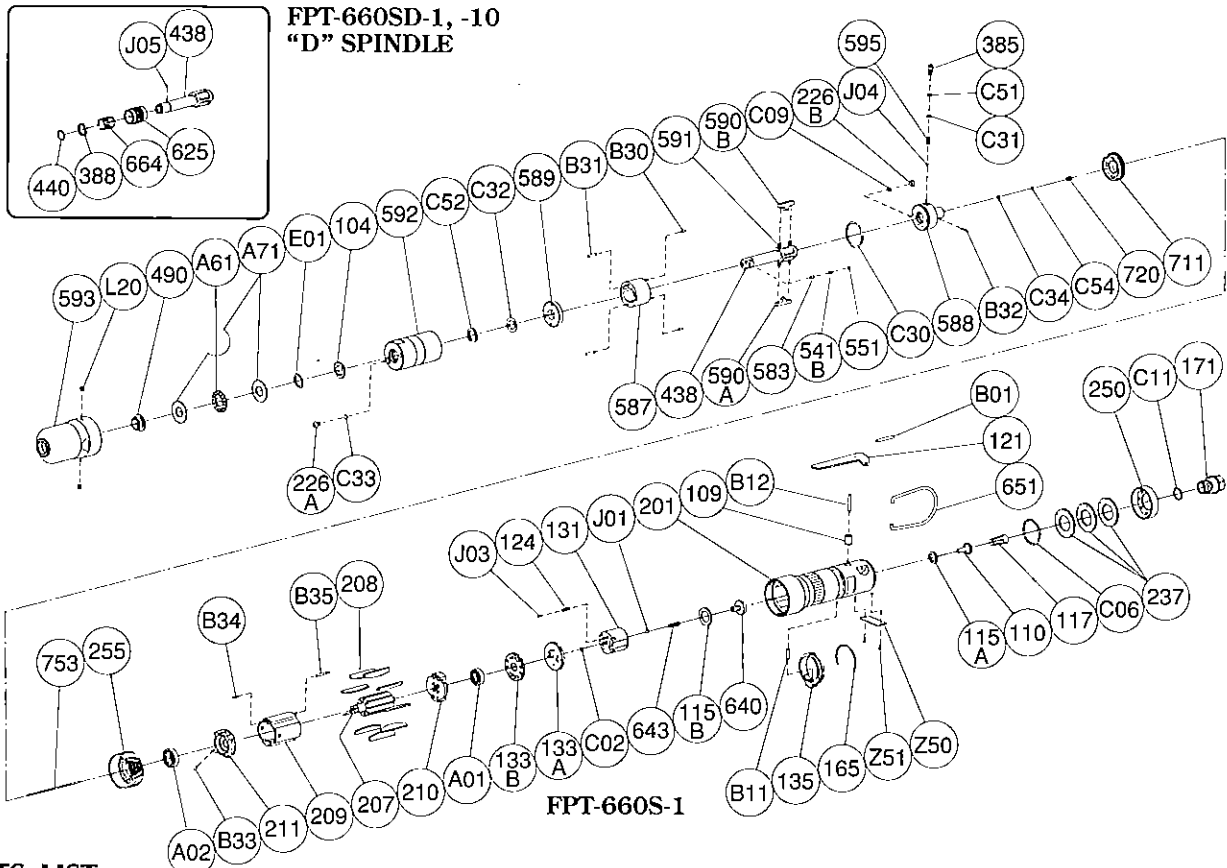
Fax : (06)6972-2250



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PARTS LIST MODEL: FPT-660S-1, FPT-660SD-1, -10

EXPLODED VIEW



PARTS LIST

Index No.	Parts No.	Parts Name	Qt.	Index No.	Parts No.	Parts Name	Qt.	Index No.	Parts No.	Parts Name	Qt.
FPT-660S-1				589	W-331589-00	Oil Cylinder Lower Plate	1	210	W-299210-00	Cylinder Upper Plate	1
FPT-660SD-1, -10				590A	W-276590-00	Spindle Blade	1	211	W-343211-00	Cylinder Lower Plate	1
Ass'y No.	W-344006-00	Housing Ass'y <PT>		590B	W-276590-01	Spindle Blade	1	(B33)	SP-2.55	Spring Pin	1
Ass'y No.	W-344006-01	Housing Ass'y <NPT>		591	W-254591-00	Blade Spring	2	255	W-299255-00	Motor Fastening Nut	1
109	W-299109-00	Throttle Valve Bushing	1	592	W-331592-00	Cylinder Case	1	640	W-343640-00	Stop Valve	1
110	W-299110-00	Throttle Valve	1	595	W-330595-00	Torque Adjusting Spring	1	643	W-343643-01	Stop Valve Spring	1
115A	W-299115-00	Throttle Valve Sheet	1	711	W-331711-00	Cylinder Cover	1	651	W-100651-00	Hanger	1
117	D-001117-00	Throttle Valve Spring	1	720	W-302720-00	Piston	1	753	W-344753-00	Piston Rod	1
121	M-073121-00	Throttle Valve Lever	1	B30	NR-2.56	Needle Roller	2	A01	BB-EE2	Ball Bearing	1
171	W-299171-00	Inlet Joint <PT>	1	B31	NR-2.512	Needle Roller	2	A02	BB-EE3	Ball Bearing	1
171	W-299171-01	Inlet Joint <NPT>	1	B32	P-1.510.5	Pin	1	A61	NB-NTB1226	Thrust Ball Bearing	1
201	W-344201-00	Housing	1	C09	O-S3(H)	"O" Ring	1	A71	TW-AS1226	Thrust Washer	2
237	W-299237-00	Muffler Pad	3	C30	O-S27.5F(H)	"O" Ring	1	B11	NR-412	Needle Roller	1
250	W-299250-00	Exhaust Cover	1	C31	O-P3(H)	"O" Ring	1	C02	O-S2	"O" Ring	1
B01	SP-325	Spring Pin	1	C32	O-KX12(H)	"X" Ring	1	C11	O-S12.5	"O" Ring	1
B12	NR-321FR	Needle Roller	1	C33	O-S3(H)	"O" Ring	1	E01	WW-12	Spring Washer	1
C06	O-S28F	"O" Ring	1	C34	O-S1.4F	"O" Ring	1	J01	B-4	Ball	1
Ass'y No.	W-331033-00	Front Case Ass'y		C51	BR-P3T2	Back Up Ring	1	J03	B-3	Ball	1
490	W-331490-00	Spindle Bushing	1	C52	BR-112	Back Up Ring	1	Z50	NP-1126	Name Plate	1
593	W-331593-00	Front Case	1	C54	BR-S2.5FT2	Back Up Ring	1	Z51	NPN-0X3.2	Screw Rivet	2
(L20)	PL-1/32	Plug	2	J04	B-3	Ball	1	It is common with FPT-660S-1 excluding the undermentioned parts.			
FPT-660S-1				115B	W-343115-00	Throttle Valve Sheet	1	FPT-660SD-1, -10			
Ass'y No.	W-331021-09	Oil Cylinder Ass'y <BF>		124	G-005124-00	Knock Spring	1	Ass'y No.	W-331021-10	Oil Cylinder Ass'y	
104	W-254104-00	Bushing	1	131	W-343131-00	Reverse Valve	1	438	W-331438-02	Spindle <D> (for FPT-660SD-1)	1
226A	W-184226-00	Oil Plug	1	133A	W-343133-00	Reverse Valve Sheet	1	Ass'y No.	W-331021-11	Oil Cylinder Ass'y	
226B	W-331226-00	Oil Plug	1	133B	W-343133-01	Reverse Valve Sheet	1	438	W-331438-03	Spindle <D> (for FPT-660SD-10)	1
385	W-331385-00	Adjusting Screw	1	135	W-216135-00	Reverse Valve Lever	1	388	W-305388-00	Spring Holder	1
438	W-331438-01	Spindle 	1	165	W-216165-00	Stop Ring	1	440	W-305440-00	Ring	1
(541B)	W-252541-00	Button Retainer Spring	1	207	W-311207-00	Rotor	1	625	W-305625-00	Bit Cover	1
551	W-252551-00	Plug	1	208	W-276208-00	Rotor Blade	9	664	W-305664-00	Finder Spring	1
583	W-252583-00	Retainer Button <F>	1	209	W-344209-00	Cylinder	1	J05	B-3	Ball	1
587	W-254587-00	Oil Cylinder	1	(B34)	SP-28	Spring Pin	1	Z50	NP-1129	Name Plate	1
588	W-343588-00	Oil Cylinder Upper Plate	1	(B35)	SP-220	Spring Pin	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, 438 and 593 are supplied together with parts shown in (). ■ Standard Accessory : F-701-1.....1.5mm Hex. Pin Wrench 1.

□ Specify parts number and quantity in ordering.

F-712.....2mm Hex. Pin Wrench 1.