

Fuji USER MANUAL

—VERTICAL GRINDERS—

MODELS : FV-7-1M, -2M, -4M



FV-7-1M, -2M, -4M

SPECIFICATIONS

Model	Capacity				Rotational Frequency	Spindle Thread Size	Angle Head Height		Overall Length		Mass		Max.Air Consumption		Air Inlet Thread Size	Air Hose Size	
	Grinding Wheel		Sanding Disc.														
	mm	in	mm	in			min ⁻¹	in	mm	in	mm	in	kg	lb		m³/min	ft³/min
FV-7-1M	180X6X22.2	7X1/4X7/8	180X-X22.2	7X-X7/8	6000	5/8-11UNC	192	7 9/16	247	9 23/32	4.0	8.8	1.4	49	Rc or NPT 3/8	12.7	1/2
FV-7-2M	180X6X22.2	7X1/4X7/8	180X-X22.2	7X-X7/8	7000	5/8-11UNC	192	7 9/16	247	9 23/32	4.0	8.8	1.6	56	Rc or NPT 3/8	12.7	1/2
FV-7-4M	180X6X22.2	7X1/4X7/8	——	——	8400	5/8-11UNC	192	7 9/16	247	9 23/32	4.0	8.8	1.7	60	Rc or NPT 3/8	12.7	1/2

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

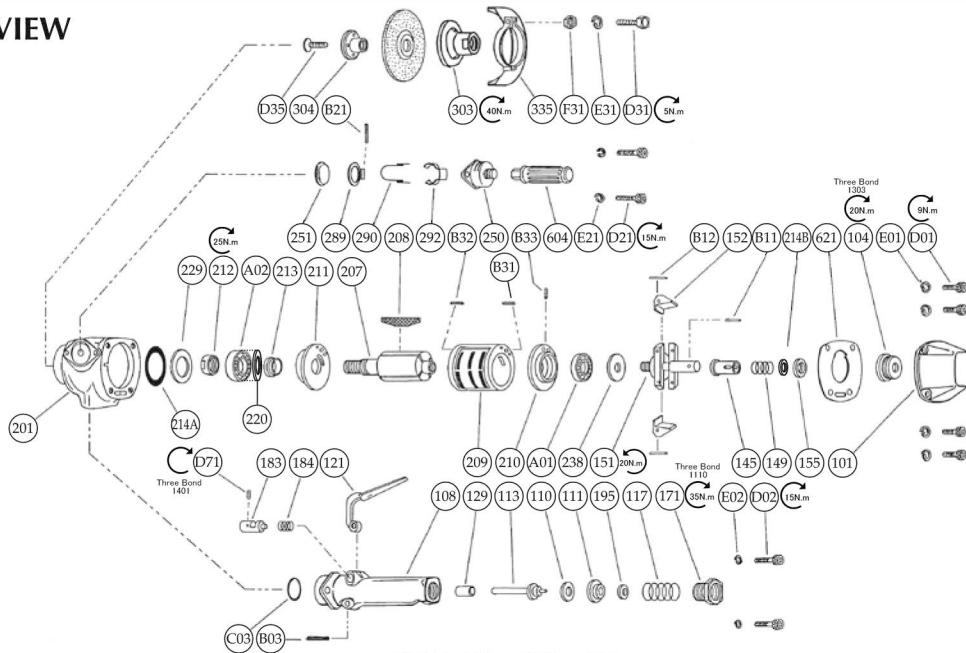
PERCUSSION TOOLS

AIR MOTORS

OTHER PRODUCTS

MODELS : FV-7-1M, -2M, -4M

EXPLODED VIEW



FV-7-1M, -2M, -4M

PARTS LIST

Index No.	Parts No.	Parts Name	Qty	Index No.	Parts No.	Parts Name	Qty	Index No.	Parts No.	Parts Name	Qty
FV-7-1M, -2M, -4M				212	A-094212-00	Rotor Nut	1	289	A-094289-00	Muffler Plate	1
—	A-094003-00	Throttle Valve Body Ass'y (Rc)		213	A-094213-00	Adjusting Collar	1	290	A-094290-03	Muffler Spring	1
—	A-094003-02	Throttle Valve Body Ass'y (NPT)		214A	A-069214-00	Adjusting Washer (T=0.2)	1	292	A-094292-00	Muffler Plate Holder	1
108	A-094108-00	Throttle Valve Body	1		A-069214-01	Adjusting Washer (T=0.3)	1	B21	SP-325	Spring Pin	1
(129)	A-078129-00	Throttle Valve Rod Bushing	1		A-069214-02	Adjusting Washer (T=0.5)	1	—	A-193010-02	Governor Weight Ass'y	
117	A-078117-01	Throttle Valve Spring	1	214B	A-094214-01	Adjusting Washer (T=0.20)	1	151	A-193151-00	Governor Cage	1
121	A-078121-00	Throttle Valve Lever	1		A-094214-02	Adjusting Washer (T=0.25)	1	152	G-154152-00	Governor Weight	2
171	IB-6N30S0	Inlet Bushing (Rc)	1		A-094214-03	Adjusting Washer (T=0.30)	1	B12	GP-2524GCH	Grooved Pin	2
	IB-6N3NS0	Inlet Bushing (NPT)	1	220	A-094220-00	Adjusting Washer (T=0.03)	1	FV-7-2M			
183	A-078183-01	Lock Key	1	229	A-094229-00	Bearing Spacer	1	—	A-094012-00	Exhaust Cover Ass'y	
184	A-078184-00	Lock Spring	1	238	A-109238-00	Bearing Cover (B)	1	250	A-094250-00	Exhaust Cover	1
B03	GP-520GCH	Grooved Pin	1	303	A-041303-A	Wheel Flange (A)	1	251	A-094251-00	Exhaust Valve	1
D71	SS-48	Set Screw	1	304	A-100304-02	Wheel Flange (B)	1	289	A-094289-00	Muffler Plate	1
—	A-078008-00	Throttle Valve Rod Ass'y		335	A-094335-00	Wheel Guard	1	290	A-094290-03	Muffler Spring	1
110	A-078110-01	Throttle Valve	1	(D31)	HS-625	Hexagon Bolt	1	292	A-094292-00	Muffler Plate Holder	1
111	A-078111-01	Throttle Valve Washer	1	(E31)	SW-6	Spring Washer	1	B21	SP-325	Spring Pin	1
113	A-078113-01	Throttle Valve Rod	1	(F31)	N-6	Nut	1	—	A-193010-01	Governor Weight Ass'y	
195	W-080195-00	Sub Throttle Valve	1	604	A-025604-02	Dead Handle	1	151	A-193151-00	Governor Cage	1
101	A-094101-00	Housing Cover	1	621	A-094621-00	Packing (A)	1	152	G-088152-00	Governor Weight	2
104	A-078104-00	Bushing	1	A01	BB-6202MN	Ball Bearing	1	B12	GP-2524GCH	Grooved Pin	2
145	A-077145-00	Governor Valve	1	A02	BB-6303	Ball Bearing	1	FV-7-4M			
149	A-084149-00	Governor Valve Spring (For FV-7-1M)	1	B11	NR-2.515.8	Needle Roller	1	—	A-094012-01	Exhaust Cover Ass'y	
	A-159149-00	Governor Valve Spring (For FV-7-2M)	1	C03	O-S34	"O" Ring	1	250	A-094250-00	Exhaust Cover	1
	A-077149-00	Governor Valve Spring (For FV-7-4M)	1	D01	CS-520	Cap Screw	4	251	A-094251-00	Exhaust Valve	1
155	A-069155-00	Governor Valve Spring Holder	1	D02	CS-620	Cap Screw	2	289	A-094289-00	Muffler Plate	1
201	A-094201-00	Housing	1	D21	CS-618	Cap Screw	2	290	A-094290-04	Muffler Spring	1
207	A-094207-00	Rotor	1	D35	CS-635S	Cap Screw	1	292	A-094292-00	Muffler Plate Holder	1
208	A-094208-00	Rotor Blade	4	E01	SW-5	Spring Washer	4	B21	SP-325	Spring Pin	1
209	A-094209-00	Cylinder	1	E02	SW-6	Spring Washer	2	—	A-193010-01	Governor Weight Ass'y	
(B31)	SP-48	Spring Pin	1	E21	SW-6	Spring Washer	2	151	A-193151-00	Governor Cage	1
(B32)	SP-48	Spring Pin	1	FV-7-1M				152	G-088152-00	Governor Weight	2
210	A-094210-00	Cylinder Upper Plate	1	—	A-094012-00	Exhaust Cover Ass'y		B12	GP-2524GCH	Grooved Pin	2
(B33)	SP-38	Spring Pin	1	250	A-094250-00	Exhaust Cover	1				
211	A-094211-00	Cylinder Lower Plate	1	251	A-094251-00	Exhaust Valve	1				

□ The related parts are shown in thick frame.

□ #108, 209, 210 and 335 are supplied together with parts shown in ().

□ Specify parts number and quantity when ordering.

● Optional Parts

(For Sanding application (FV-7-1M, -2M))

■ Optional Accessory

AC No.	Description	Qty
HN-304000	Hose Nipple	1

AC No.	Description	Qty
A-087318-00	Rubber Pad Flange	1
RP-7	Rubber Pad	1

■ Standard Accessories

AC No.	Description	Qty
F-704	4mm Hex. Pin Wrench	1
F-707	6mm Hex. Pin Wrench	1
F-109	24mm Open-End Wrench	1
F-203	32mm Open-End Pin Wrench	1