



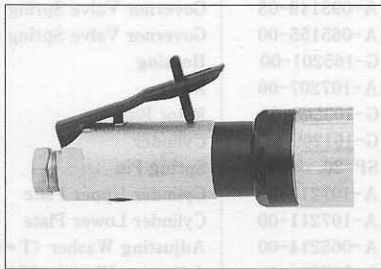
USER MANUAL

EXTENDED GRINDERS

MODELS : FG-3HL-2, -2F



FG-3HL-2



LOCK LEVER
FG-3HL-2F

SPECIFICATIONS

Model	Throttle Type	Max. Dia (Grinding Wheel)		Max. Free Speed	Spindle Thread Size	Overall Length (about)		Weight (about)		Air Consumption at Max. Output (about)		Air Hose Size	
		mm	in			rpm	in	mm	in	kg	lb	m ³ /min	ft ³ /min
FG-3HL-2	Roll	65×13×9.5	2½×1½×¾	12,000	¾-24	522	20 35/64	1.9	4.2	0.55	19.4	9.5	¾
FG-3HL-2F	Lever	65×13×9.5	2½×1½×¾	12,000	¾-24	547	20 17/32	1.9	4.2	0.55	19.4	9.5	¾

3/8" Air inlet

The performance figures are at 6.2 bar.

⚠ Refer to instructions and warning for safety use enclosed in each tool box.

FUJI AIR TOOLS CO., LTD.

1-14, Kamiji 2-chome, Higashinari-ku, Osaka 537, Japan
 Tel : (06) 972-2335
 Fax : (06) 972-2250

BOLT & NUT SETTERS
SCREW DRIVERS

ABRASIVE TOOLS

DRILLS · TAPPERS

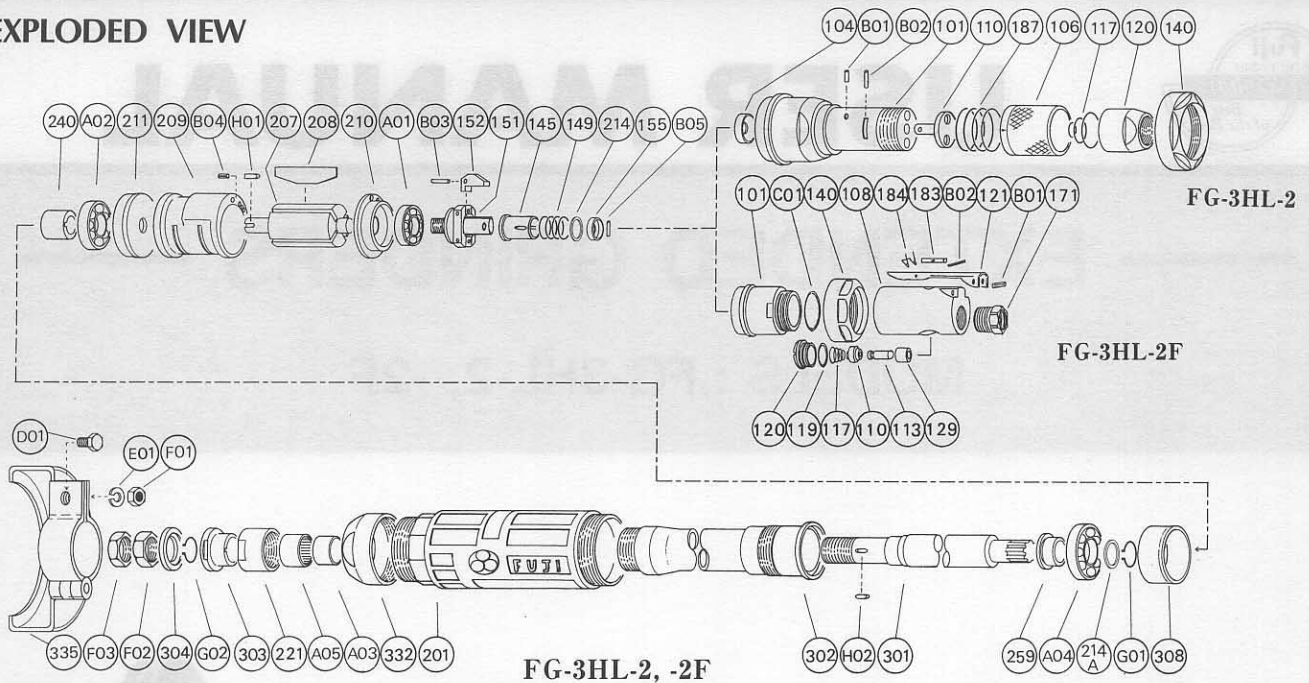
PERCUSSION TOOLS

AIR MOTORS & OTHERS

OTHER PRODUCTS

PARTS LIST MODEL: FG-3HL-2, -2F

EXPLODED VIEW



PARTS LIST

Index No.	Parts No.	Parts Name	Qt.
FG-3HL-2			
CP No.	G-101001-00	Housing Cover CP	
101	G-101001-50	Housing Cover	1
(104)	G-101104-00	Bushing	1
106	G-042106-04	Throttle Valve Handle	1
110	G-042110-00	Throttle Valve	1
117	G-042117-00	Throttle Valve Spring	1
120	G-042120-00	Throttle Valve Cover (PT)	1
120	G-042120-01	Throttle Valve Cover (NPT)	1
187	G-042187-00	Throttle Valve Handle Spring	1
B01	NR-310	Needle Roller	1
B02	NR-316.8	Needle Roller	1
CP No.	A-107010-00	Governor Weight CP	
151	A-107151-01	Governor Cage	1
152	A-010152-00	Governor Weight	2
B03	GP-2.516GCH	Grooved Pin	2
FG-3HL-2F			
CP No.	A-107001-00	Housing Cover CP	
101	G-161101-00	Housing Cover	1
140	G-101140-00	Cup Nut	1
C01	O-S26	"O" Ring	1
CP No.	A-107003-00	Throttle Valve Body CP	
108	A-107003-50	Throttle Valve Body	1
(129)	H-014129-00	Throttle Valve Rod Bushing	1
110	H-001110-02	Throttle Valve	1
113	G-028113-00	Throttle Valve Rod	1
117	D-001117-00	Throttle Valve Spring	1
119	G-028119-00	T.V. Cover Packing	1
120	G-028120-00	Throttle Valve Cover	1
171	IB-4030S0	Inlet Bushing (PT)	1
171	IB-403NS0	Inlet Bushing (NPT)	1
B01	SP-320	Spring Pin	1
CP No.	G-144019-01	Lock Lever CP	
121	G-144121-02	Throttle Valve Lever	1
183	G-144183-02	Lock Key	1
184	G-144184-00	Lock Spring	1
B02	SP-218	Spring Pin	1
CP No.	A-107010-00	Governor Weight CP	
151	A-107151-01	Governor Cage	1
152	A-010152-00	Governor Weight	2
B03	GP-2.516GCH	Grooved Pin	2

Index No.	Parts No.	Parts Name	Qt.
FG-3HL-2 FG-3HL-2F			
140	G-101140-00	Cup Nut (For FG-3HL-2)	1
145	A-065145-00	Governor Valve	1
149	A-093149-03	Governor Valve Spring	1
155	A-065155-00	Governor Valve Spring Holder	1
201	G-165201-00	Housing	1
207	A-107207-00	Rotor	1
208	G-103208-00	Rotor Blade	4
209	G-161209-00	Cylinder	1
(B04)	SP-26	Spring Pin	1
210	A-107210-00	Cylinder Upper Plate	1
211	A-107211-00	Cylinder Lower Plate	1
214	A-065214-00	Adjusting Washer (T=0.2)	1
214	A-065214-01	Adjusting Washer (T=0.3)	1
214	A-065214-02	Adjusting Washer (T=0.5)	1
214A	A-065214-02	Adjusting Washer (T=0.5)	1
221	G-165221-00	Spindle Bearing Cover	1
240	G-161240-00	Coupling	1
259	G-165259-00	Inner Race	1
301	G-165301-01	Wheel Spindle	1
302	G-111302-00	Wheel Spindle Case	1
303	G-161303-00	Wheel Flange (A)	1
304	G-161304-00	Wheel Flange (B)	1
308	G-161308-00	Spacer	1
332	G-111332-00	Lock Nut	1
335	G-165335-00	Wheel Guard	1
(D01)	HS-625	Hexagon Bolt	1
(E01)	SW-6	Spring Washer	1
(F01)	N-6	Nut	1
A01	BB-609MN	Ball Bearing	1
A02	BB-6200	Ball Bearing	1
A03	IR-101312.5	Inner Race	1
A04	BB-6201	Ball Bearing	1
A05	NB-HK1312	Needle Bearing	1
B05	NR-211.8	Needle Roller	1
F02	N-U3/8F	Nut	1
F03	N-U3/8F(3)	Nut	1
G01	SR-S9	Snap Ring	1
G02	SR-SA10	Snap Ring	1
H01	K-338F	Key	1
H02	K-338	Key	1

- CP No. denotes the assembled parts comprising of more than 1 pc. of parts. The related parts are shown in the thick frame.
- #101, 108, 209 and 335 are supplied together with parts shown in ().

- Specify parts number and quantity in ordering.
- Standard Accessory : F-117 21Hex Open-End Wrench 1.
- Optional Accessory : HN-303000.....PT3/8×3/8 Hose Nipple 1.