

# Fuji USER MANUAL

## VERTICAL GRINDERS

MODEL : FV-9BH-1M



**FV-9BH-1M**

### SPECIFICATIONS

| Model            | Max.Dia<br>(Grinding Wheel) | Spindle<br>Tread<br>Size | Rotational<br>Frequency | Angle<br>Head<br>Height | Overall<br>Length | Mass | Max. Air<br>Consumption | Air Inlet<br>Thread<br>Size | Air Hose<br>Size |
|------------------|-----------------------------|--------------------------|-------------------------|-------------------------|-------------------|------|-------------------------|-----------------------------|------------------|
|                  | mm                          | in                       | min <sup>-1</sup>       | mm                      | mm                | kg   | m <sup>3</sup> /min     |                             | mm               |
| <b>FV-9BH-1M</b> | 230 x 8 x 22                | 5/8-11 UNC(M)            | 5,900                   | 222                     | 279               | 5.8  | 2.8                     | PT or NPT 1/2               | 19.0             |

The performance figures are at 0.63MPa (6.3bar).

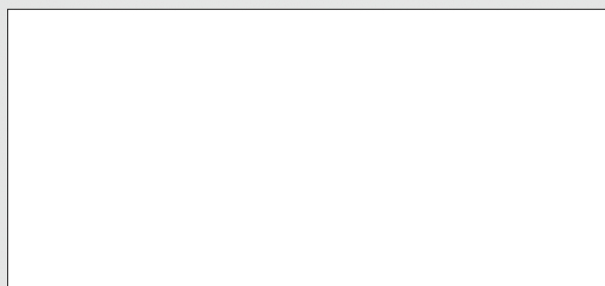
⚠ Refer to "The Instructions and Warning for Safety Use" enclosed in each tool box.

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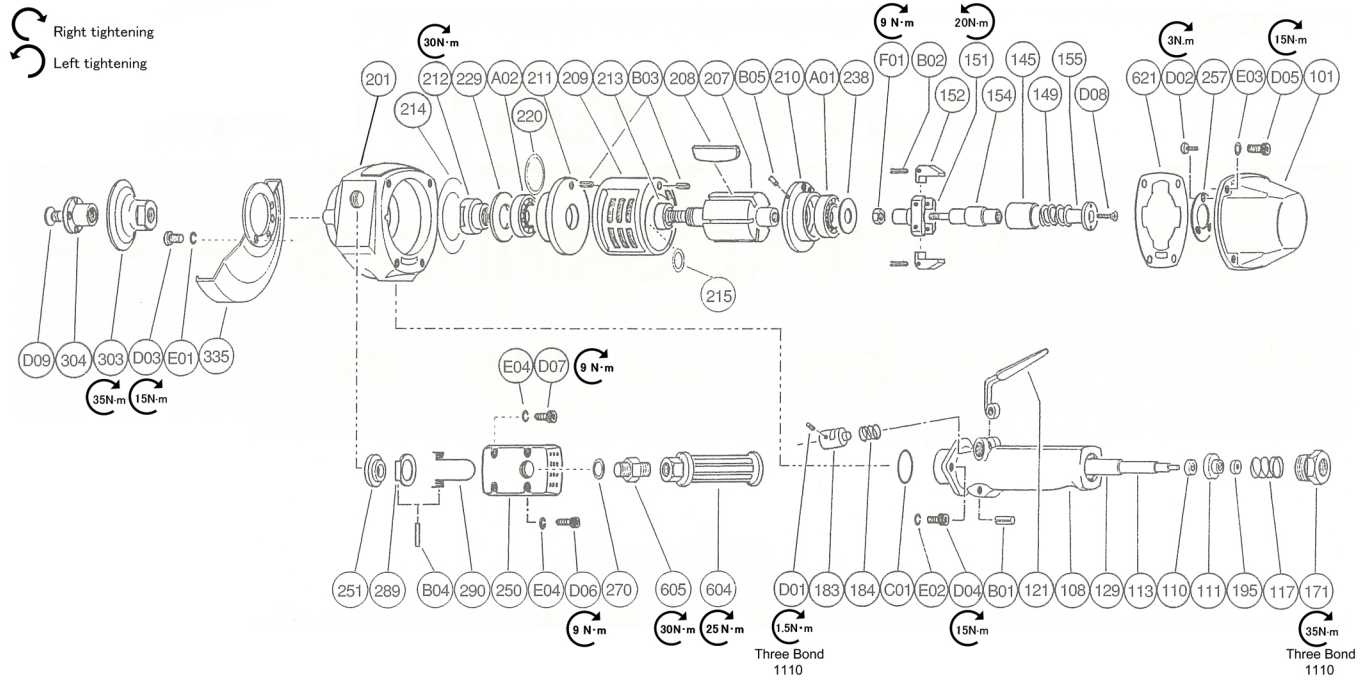
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# MODEL : FV-9BH-1M

## EXPLODED VIEW



FV-9BH-1M

## PARTS LIST

| Index No. | Parts No.   | Parts Name                     | Qty |
|-----------|-------------|--------------------------------|-----|
| —         | A-151003-00 | Throttle Valve Body Ass'y<PT>  |     |
| —         | A-151003-01 | Throttle Valve Body Ass'y<NPT> |     |
| 108       | A-094108-00 | Throttle Valve Body            | 1   |
| ( 129 )   | A-078129-00 | Throttle Valve Rod Bushing     | 1   |
| 117       | A-078117-01 | Throttle Valve Spring          | 1   |
| 121       | A-078121-00 | Throttle Valve Lever           | 1   |
| 171       | IB-6N40S0   | Inlet Bushing <PT>             | 1   |
|           | IB-6N4NS0   | Inlet Bushing <NPT>            | 1   |
| 183       | A-078183-01 | Lock Key                       | 1   |
| 184       | A-078184-00 | Lock Spring                    | 1   |
| B01       | GP-520GCH   | Grooved Pin                    | 1   |
| D01       | SS-48       | Set Screw                      | 1   |
| —         | A-078008-00 | Throttle Valve Rod Ass'y       |     |
| 110       | A-078110-01 | Throttle Valve                 | 1   |
| 111       | A-078111-01 | Throttle Valve Washer          | 1   |
| 113       | A-078113-01 | Throttle Valve Rod             | 1   |
| 195       | W-080195-00 | Sub Throttle Valve             | 1   |
| —         | A-150001-00 | Housing Cover Ass'y            |     |
| 101       | A-150101-00 | Housing Cover                  | 1   |
| 257       | A-150257-00 | Washer                         | 1   |
| D02       | S-410R      | Screw                          | 3   |
| —         | A-150010-00 | Governor Weight Ass'y          |     |
| 151       | S-016151-00 | Governor Cage                  | 1   |
| 152       | A-150152-00 | Governor Weight                | 2   |
| 154       | A-150154-00 | Governor Shaft                 | 1   |
| B02       | GP-330GCH   | Grooved Pin                    | 2   |
| F01       | UN-5        | "U" Nut                        | 1   |
| 145       | A-150145-00 | Governor Valve                 | 1   |
| 149       | A-150149-00 | Governor Valve Spring          | 1   |
| 155       | A-150155-00 | Governor Valve Spring Holder   | 1   |
| 201       | A-172201-00 | Housing                        | 1   |
| 207       | A-151207-00 | Rotor                          | 1   |
| 208       | A-151208-00 | Rotor Blade                    | 5   |
| 209       | A-151209-00 | Cylinder                       | 1   |
| ( B03 )   | SP-48       | Spring Pin                     | 2   |
| 210       | A-150210-00 | Cylinder Upper Plate           | 1   |
| ( B05 )   | SP-36       | Spring Pin                     | 1   |
| 211       | A-150211-00 | Cylinder Lower Plate           | 1   |
| 212       | A-150212-00 | Rotor Nut                      | 1   |
| 213       | A-150213-00 | Adjusting Collar               | 1   |

- ☐ The related parts are shown in a thick frame.  
☐ #108, #209, #210 and #335 are supplied together with parts shown in ( ).  
☐ Specify parts number and quantity when ordering.

| Index No. | Parts No.   | Parts Name                       | Qty   |
|-----------|-------------|----------------------------------|-------|
| 214       | A-150214-01 | Adjusting Washer (Shim) <T=0.20> | ( 1 ) |
|           | A-150214-02 | Adjusting Washer (Shim) <T=0.25> | ( 1 ) |
|           | A-150214-03 | Adjusting Washer (Shim) <T=0.30> | ( 1 ) |
| 215       | A-150215-00 | Adjusting Washer (B) <T=0.03>    | ( 1 ) |
|           | A-150215-01 | Adjusting Washer (B) <T=0.05>    | ( 1 ) |
| 220       | A-150220-00 | Adjusting Washer (C) <T=0.03>    | 1     |
| 229       | A-150229-00 | Bearing Spacer                   | 1     |
| 238       | A-150238-00 | Bearing Cover (B)                | 1     |
| 250       | A-171250-00 | Exhaust Cover                    | 1     |
| 251       | A-094251-00 | Exhaust Valve                    | 1     |
| 270       | H-001270-00 | Conical Spring Washer            | 1     |
| 289       | A-094289-00 | Muffler Plate                    | 1     |
| 290       | A-150290-00 | Muffler Spring                   | 1     |
| 303       | A-041303-A  | Wheel Flange (A)                 | 1     |
| 304       | A-100304-02 | Wheel Flange (B)                 | 1     |
| 335       | A-078335-00 | Wheel Guard                      | 1     |
| ( D03 )   | CS-616      | Cap Screw                        | 4     |
| ( E01 )   | SW-6        | Spring Washer                    | 4     |
| 604       | A-025604-02 | Dead Handle                      | 1     |
| 605       | A-108605-00 | Dead Handle Joint                | 1     |
| 621       | A-150621-00 | Packing (A)                      | 1     |
| A01       | BB-6203MN   | Ball Bearing                     | 1     |
| A02       | BB-5204     | Ball Bearing                     | 1     |
| B04       | SP-330      | Spring Pin                       | 1     |
| C01       | O-S34       | "O"Ring                          | 1     |
| D04       | CS-620      | Cap Screw                        | 2     |
| D05       | CS-620      | Cap Screw                        | 4     |
| D06       | CS-528      | Cap Screw                        | 2     |
| D07       | CS-520      | Cap Screw                        | 2     |
| D08       | S-412S      | Screw                            | 1     |
| D09       | CS-635S     | Cap Screw                        | 1     |
| E02       | SW-6        | Spring Washer                    | 2     |
| E03       | SW-6        | Spring Washer                    | 4     |
| E04       | SW-5        | Spring Washer                    | 4     |

### Standard Accessories

| AC No. | Description              | Qty |
|--------|--------------------------|-----|
| F-109  | 24mm Open-End Wrench     | 1   |
| F-203  | 32mm Open-End Pin Wrench | 1   |
| F-704  | 4mm Hex. Pin Wrench      | 1   |
| F-705  | 5mm Hex. Pin Wrench      | 1   |
| F-707  | 1/4 in Hex. Pin Wrench   | 1   |