

T ECHNICAL INFORMATION

Models No. ▶ 9501B

Description ▶ 100 mm Disc Grinder

CONCEPTION AND MAIN APPLICATIONS

Model #9501B, 100mm Disc Grinder, is designed to provide double insulator structure, light in weight, one hand type, and electric safety for operator by revising conventional model 9500B aiming improving maneuverability by shifting switch lever to gripping position to allow complete one hand controlling and to provide workability.

▶ Specifications

Voltage (V)	Current (A)	Frequency (Hz)	Continuous rating input (W)
100	4	50 ~ 60	385

Rotation	10,000 R.P.M.
Power supply cord	25 m
R.P.M.	Wood
Net weight	1.8 kg

▶ Standard equipment

- Grinding wheel 100 (24P) — Mounted on machine
- Grinding wheel 100 (36P)
- Phillips bit driver
- Spanner (14)
- Wrench

▶ Optional accessories

- Disc pad set
- Disc paper 100 (#24, #30, #50, #80, #120)
- Wire brush 75 (Cup type)
- Wire brush 85 (Bevel type)
- Grip holder set
- Grinding wheel (24P and 36P each five pieces set)

▶ Features and benefits

1. Light weight and one hand type
 - Switch operation can be controlled by one hand and weight is 1.2kg (the same with #9500B)
2. OPTIONAL ACCESSORIES for model #9500B and #9501 are all common.
3. Double insulated for operator safety.
4. Radio noise eliminator is provided.

The standard equipment for the tools shown may differ from country to country.

► Notices and required tools for assembling and disassembling

- a. Carefully insert ball bearing paying attention not to hurt inner races of bearing avoiding pushing strongly inner ring and outer ring each other when ball bearing is inserted because scratch and dent on inner race will give influence greatly on service life of bearing.
- b. Bearing check plate must be inserted with burr of the plate facing ball bearing side.
- c. Armature ball bearing at fan side must be inserted into housing with its open seal side coming to gear side.
- d. Attaching of retainer ring must be inserted with its burr side coming to the other side of gear. It is convenient to use retaining ring prier (ST-ZL) (Tips of the prier are bent in right angle.) to attach retaining ring at pinion gear side.
- e. Basically machine is designed to be assembled without any shim for gear back rush adjusting but insert the shim one by one to get optimum gear back rush when gear noise is high.
- f. Mount switch rod and switch lever with screw applying one or two drops of lock tight adhesive on the screw threads and tighten screw to its specified position using No.1 Phillips bit driver avoiding excess tightening torque. (Required tightening torque is from 1 kg-cm to 2kg-cm.)
- g. Be sure to confirm lever can be operated ON and OFF smoothly and surely after switch lever was

► Matters to be attended to use and handle

1. Be sure to turn off power supply when tool is mounted or dismounted.
2. Be sure to confirm complete tightening of wheel cover and lock nut for grinding wheel before operation start.
3. Be sure to confirm that tool does not contact with parts and body before turning on the switch.
4. Immediately stop rotation of tool and check tool mounting state, matching of supplied power with rating written in indication plate again when any abnormal sound, abnormal vibration, or abnormal temperature rise is observed during tool rotating.