



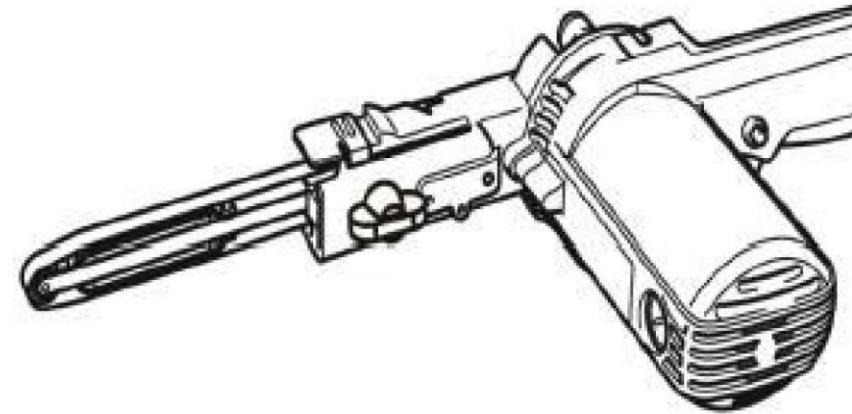
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SSANDB-002

BELT SANDER



ORIGINAL OPERATING INSTRUCTIONS



DANGER! Read all safety regulations and instructions.
Keep all safety regulations and instructions in a safe place for future use.



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GENERAL POWER TOOL SAFETY WARNINGS

(For All Power Tools)

⚠ WARNING! Read and understand all instructions. *Failure to follow all instructions listed below may result in electric shock, fire and/or serious personal injury.*

Save all warnings and instructions for future reference.

The term “power tool” in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

Work Area Safety

1. **Keep work area clean and well lit.** *Cluttered or dark areas invite accidents.*
2. **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.** *Power tools create sparks which may ignite the dust or fumes.*
3. **Keep children and bystanders away while operating a power tool.** *Distractions can cause you to lose control.*

Electrical Safety

4. **Power tool plugs must match the outlet. Never modify the plug in anyway.** *Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.*
5. **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** *There is an increased risk of electric shock if your body is earthed or grounded.*
6. **Do not expose power tools to rain or wet conditions.** *Water entering a power tool will increase the risk of electric shock.*
7. **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** *Damaged or entangled cords increase the risk of electric shock.*
8. **When operating a power tool outdoors, use an extension cord suitable for**

outdoor use. *Use of a cord suitable for outdoor use reduces the risk of electric shock.*

9. **If operating a power in a damp location is unavoidable, use a residual current device (RCD) protected supply.** *Use of an RCD reduces the risk of electric shock.*

NOTE: The term “residual current device (RCD)” may be replaced by the term “ground fault circuit interrupter (GFCI)” or “earth leakage circuit breaker (ELCB)”.

Personal Safety

10. **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol, or medication.** *A moment of inattention while operating power tools may result in serious personal injury.*
11. **Use personal protective equipment. Always wear eye protection.** *Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.*
12. **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and /or battery pack, picking up or carrying the tool.** *Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.*
13. **Remove any adjusting key or wrench before turning the tool on.** *A wrench or a key left attached to a rotating part of the power tool may result in personal injury.*
14. **Do not overreach. Keep proper footing and balance at all times.** *This enables better control of the power tool in unexpected situations.*
15. **Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing, and gloves away from moving parts.** *Loose clothes, jewellery or long hair can be caught in moving parts.*
16. **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** *Use of dust collection can reduce dust-related hazards.*

Power Tool Use and Care

17. **Do not force the power tool. Use the correct power tool for your**

application. *The correct power tool will do the job better and safer at the rate for which it was designed.*

18. **Do not use tool if switch does not turn it on or off.** *Any power tool that cannot be controlled with the switch is dangerous and must be repaired.*
19. **Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.** *Such preventive safety measures reduce the risk of starting the power tool accidentally.*
20. **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** *Power tools are dangerous in the hands of untrained users.*
21. **Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** *Many accidents are caused by poorly maintained power tools.*
22. **Keep cutting tools sharp and clean.** *Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.*
23. **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** *Use of the power tool for operations different from those intended could result in a hazardous situation.*

Service

24. **Have your power tool serviced by a qualified repair person using only identical replacement parts.** *This will ensure that the safety of the power tool is maintained.*

VOLTAGE WARNING:

Before connecting the machine to a power source (receptacle, outlet, etc.), be sure the voltage supplied is the same as that specified on the nameplate of the machine. A power source with voltage greater than that specified for the machine can result in SERIOUS INJURY to the user, as well as damage to the machine. If in doubt, DO NOT PLUG IN THE MACHINE. Using a power source with voltage less than nameplate rating is harmful to the motor.

SPECIFICATIONS

Rated Power Input	500 W
Abrasive Belt Speed	5-28 m/s
Abrasive Belt Size	9×533 mm
Net Weight	1.5 kg

※ Due to the continuing program of research and development, the specifications herein are subject to change without prior notice.

ADDITIONAL SAFETY RULES

1. **Hold power tool by insulated gripping surfaces, because the belt may contact its own cord.** *Cutting a "live" wire may make exposed metal parts of the tool "live" and could give the operator an electric shock.*
2. **Hold the tool firmly.**
3. **Keep hands away from rotating parts.**
4. **Do not leave the tool running.** *Operate the tool only when hand-held.*
5. **Make sure the belt sander is not contacting the workpiece before the switch is turned on.**
6. **Some material contains chemicals which may be toxic.** *Take caution to prevent dust inhalation and skin contact. Follow material supplier safety data.*
7. **This tool has not been waterproofed, so do not use water on the workpiece surface.**
8. **Ventilate your work area adequately when you perform sanding operations.**
9. **Always use the correct dust cover and vacuum cleaners According to the materials used and applications.**

SAVE THESE INSTRUCTIONS.

WARNING! MISUSE or failure to follow the safety rules stated in this instruction

manual may cause serious personal injury.

INSTRUCTIONS FOR OPERATION

Adjusting the arm inclination

CAUTION:

- Always be sure that the tool is switched off and unplugged before carrying out any work on the tool.

The arm can be pivoted and fixed at any desired angle within the "A" range according to the operating position or the figure of the workpiece.

Loosen the lock lever by raising it.

Pivot the arm to the desired position, and secure the lock lever to fix the arm firmly. (Fig.1)

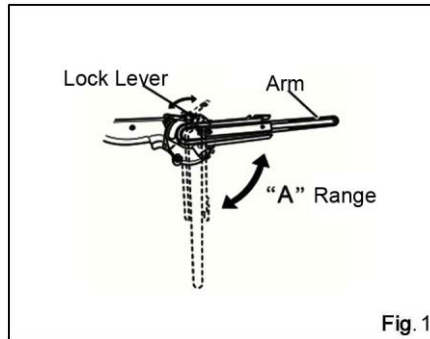


Fig. 1

Switch action

CAUTION:

- Before plugging in the tool, always check to see that the switch trigger actuates properly and returns to the "OFF" position when released.

To start the tool, simply pull the trigger.

Release the trigger to stop.

For continuous operation, pull the trigger and then push in the lock button. To stop the tool from the locked position, pull the trigger fully then release it. (Fig.2)

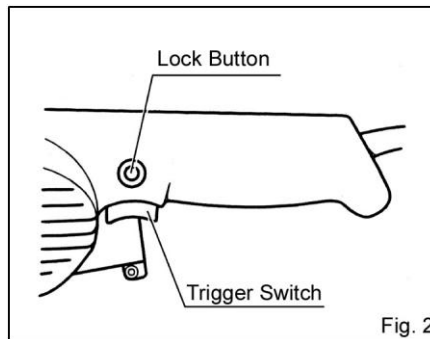


Fig. 2

Speed Adjusting

CAUTION:

- The speed control turned only as far as 6 and back to 1. Do not force it past 6 or 1, otherwise the speed adjusting function may no longer work.

The tool speed can be changed between 5m/s and 28m/s by turning the speed control to a given number setting from 1 to 6. (At the time when the switch trigger is fully pulled.)

Higher speed is obtained when the speed control is turned in the direction of number 6. And lower speed is obtained when it is turned in the direction of number 1. (Fig. 3)

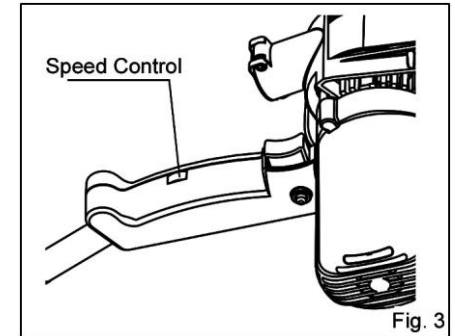


Fig. 3

Installing or Removing Abrasive Belt

Pull the cam lever all the way out. Install the belt over the rear pulley, and slip the belt over the front pulley, with the belt pulled out to the front arm. Return the cam lever to the original position. (Fig. 4)

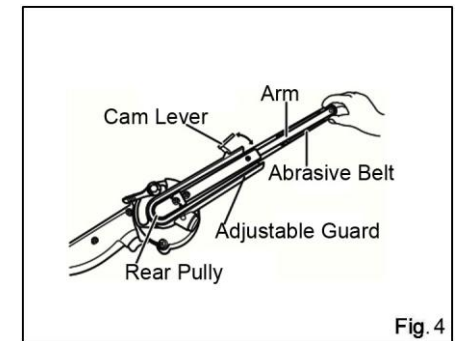


Fig. 4

Adjusting Belt Tracking

Switch on the tool and make sure that the belt is aligned properly.

Use the wing bolt to center the belt tracking.

Turn the wing bolt clockwise to incline the arm to the right, or counterclockwise to incline it to the left. (Fig. 5)

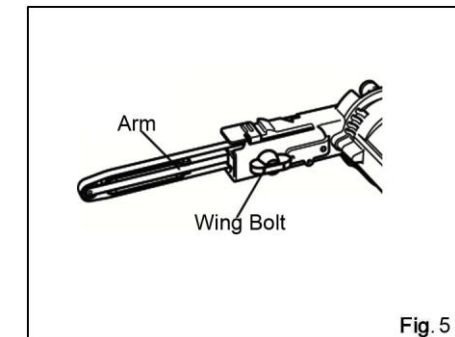


Fig. 5

Connecting to the cleaner

CAUTION:

- When tools did not connected to the cleaner, please shut down the dust cover. Do not put your fingers in the dust channel.

It is practical to connect the belt sander to cleaner to use. Attention:

Connect the belt sander to cleaner as shown in the figure 6. It is possible to purchase suitable hose to connect tools and cleaner. Please according to the relevant safety requirements for vacuuming grinding operation and do some corresponding protections to avoid the accidents.

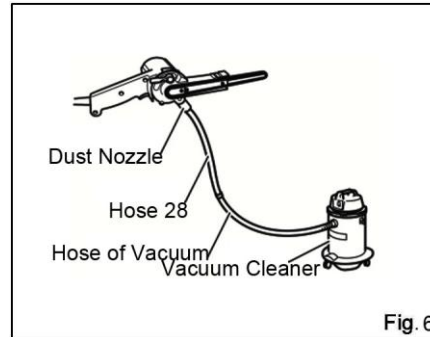


Fig. 6

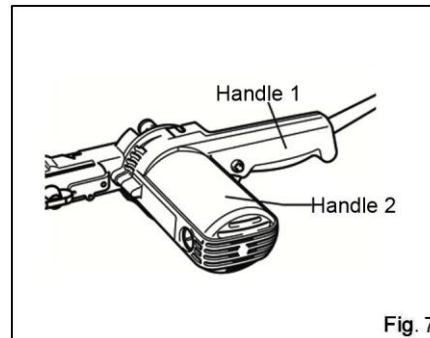


Fig. 7

Operation

CAUTION:

- Secure the workpiece with the fasteners like clamp if there is any possibility of it moving during the work operation.
- Do not make the power tool contact with the workpiece before turning on or off the tool or it may decrease the sanding

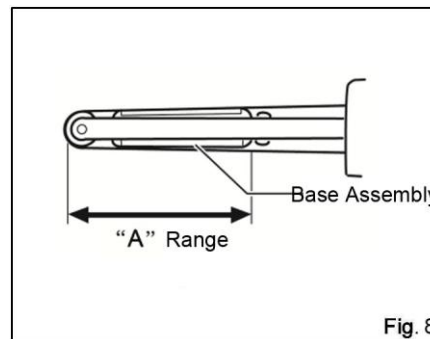


Fig. 8

efficiency or damage the abrasive belt.

- When working with the tool, be very carefully to avoid any contact of the tool and belt with any part of your body or anything near you.

Hold the tool firmly with both hands. Turn the tool on and wait until it attains full speed before operation. Then gently place the tool on the workpiece surface and move the tool back and forth. (Fig.7) Press the belt only lightly on the workpiece. Excessive pressure may damage the belt and shorten tool life.

Always use "A" range of the belt to sand the workpiece. (Fig.8)

MAINTENANCE AND INSPECTION

CAUTION:

- Always be sure that the tool is switched off and unplugged before carrying out any work on the tool.

1. Inspecting the Mounting Screws

Regularly inspect all mounting screws and ensure that they are properly tightened. Should any of the screws be loose, retighten them immediately. Failure to do so could result in serious hazard.

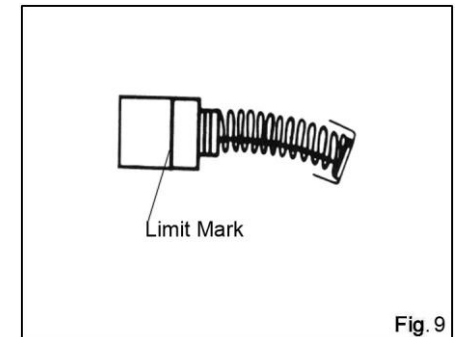


Fig. 9

2. Maintenance of the Motor

The motor unit winding is the very "heart" of the power tool. Exercise due care to ensure the winding does not become damaged and /or wet with oil or water.

3. Inspecting and Replacing the Carbon Brushes

Remove and check the carbon brushes regularly. Replace when they wear down

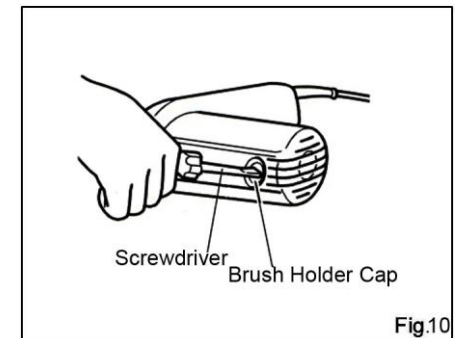


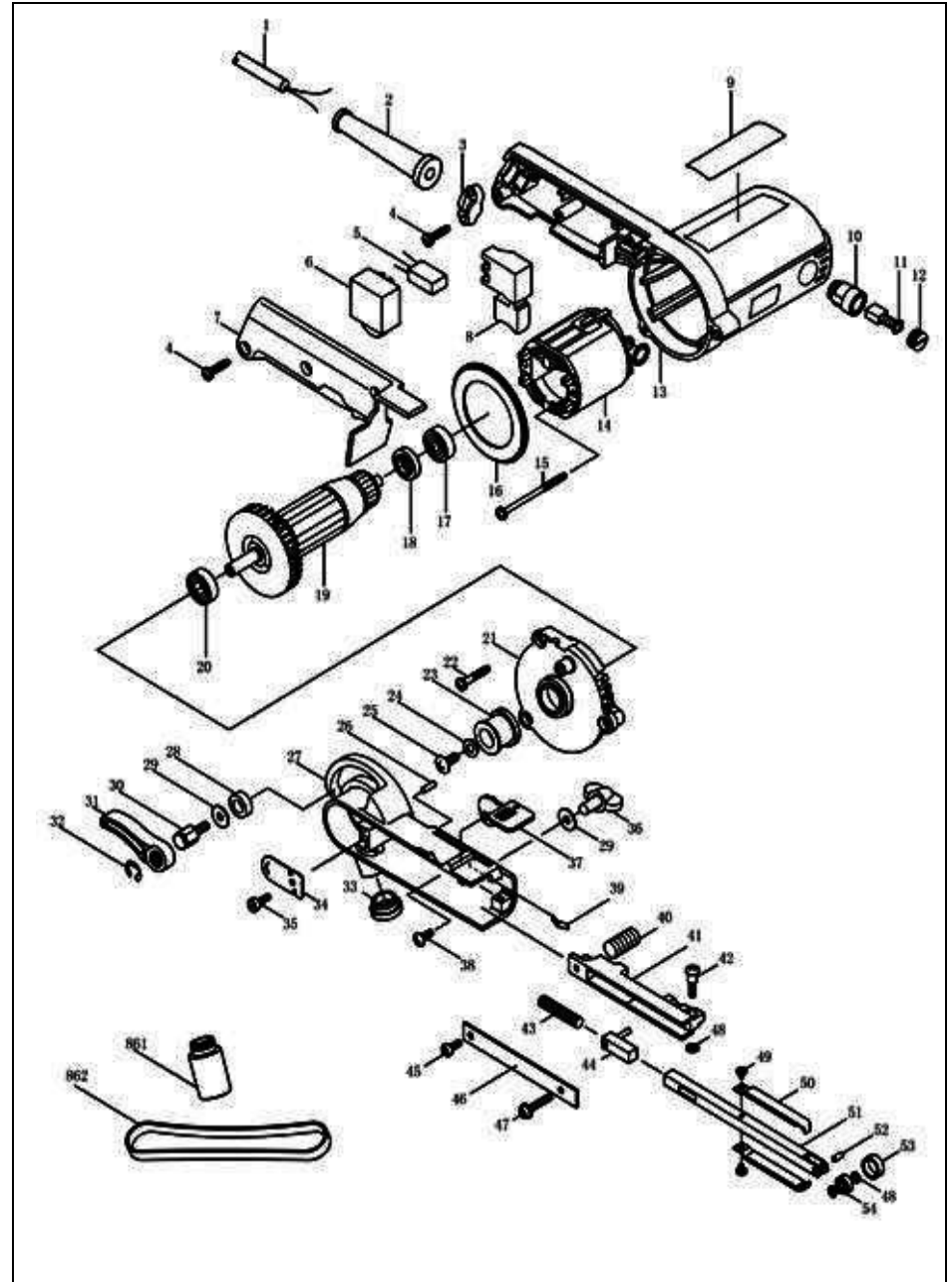
Fig.10

to the limit mark (**Fig. 9**). Keep the carbon brushes clean and free to slip in the holders. Both carbon brushes should be replaced at the same time. Use only identical carbon brushes.

Use a screwdriver to remove the brush holder caps. Take out the worn carbon brushes insert the new ones and secure the brush holder caps. (**Fig. 10**)

※ Damaged cord must be replaced by a special cord purchased from authorized service center.

※ To maintain product SAFETY and RELIABILITY, repairs, any other maintenance or adjustment should be performed by authorized service centers, always using original replacement parts.



EXPLANATION OF GENERAL VIEW

1	Cord	21	Gear Housing Cover
2	Cord Guard	22	Pan Head Tapping Screw
3	Strain Relief	23	V-Pulley
4	Pan Head Tapping Screw	24	Washer
5	Capacitor	25	Pan Head Screw
6	Speed Controller	26	Lock Pin
7	Handle Cover	27	Lower Safety Guard
8	Switch Assembly	28	Spacer Ring
9	Nameplate	29	Washer
10	Carbon Brush Holder	30	Hex Bolt
11	Carbon Brush	31	Lock Wrench
12	Brush Holder Cap	32	Split Washer
13	Motor Housing	33	Rubber Seal
14	Stator Assembly	34	Fiber Baffle
15	Pan Head Tapping Screw	35	Pan Head Screw (with Spring Washer)
16	Baffle Plate	36	Wing Bolt
17	Bearing	37	Wrench
18	Insulation Washer	38	Shoulder Screw
19	Armature Assembly	39	Leaf Spring
20	Bearing	40	Spring

EXPLANATION OF GENERAL VIEW

41	Bracket Support		
42	Shoulder Screw		
43	Spring		
44	Guide Slider Assembly		
45	Pan Head Screw		
46	Cover Plate		
47	Pan Head Screw (with Flat Washer)		
48	Washer		
49	Pan Head Screw		
50	Base Assembly		
51	Arm		
52	Pin		
53	Bearing Cover		
54	Bearing		
861	Dust Tube Assembly		
862	Abrasive Belt		