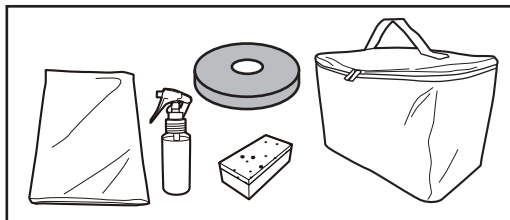
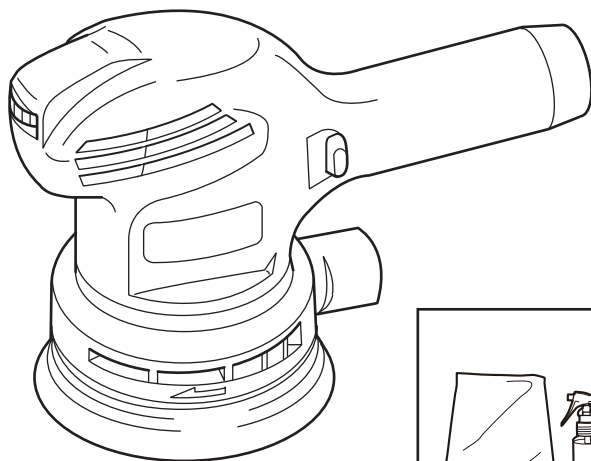
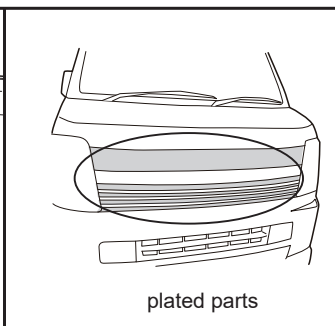
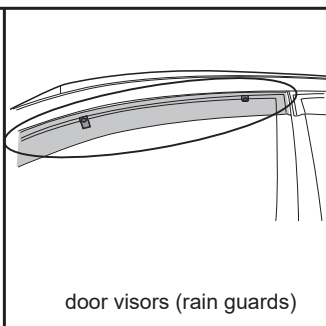
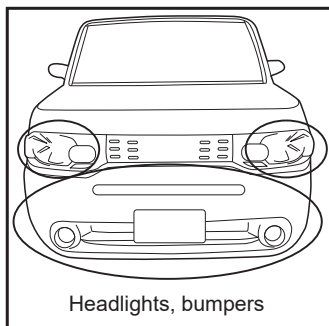
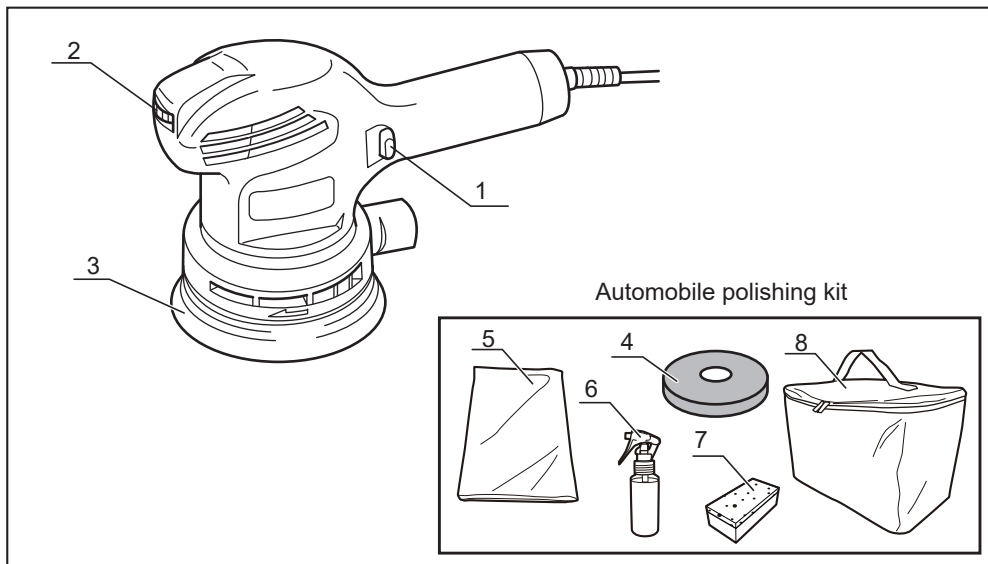


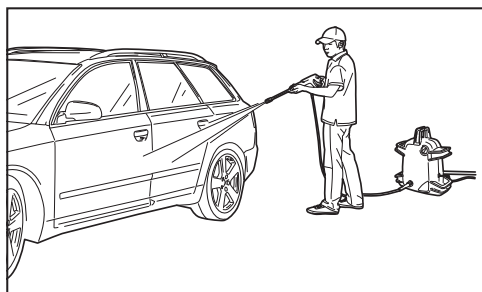
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GB OWNER'S OPERATING MANUAL

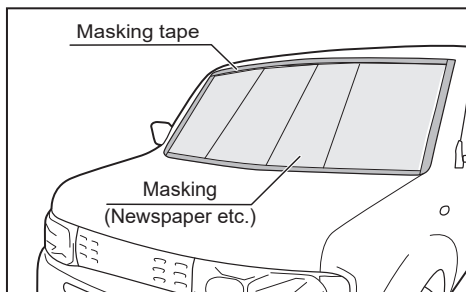




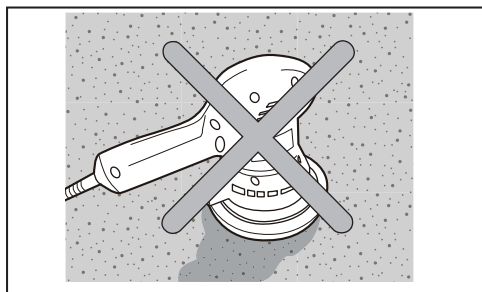
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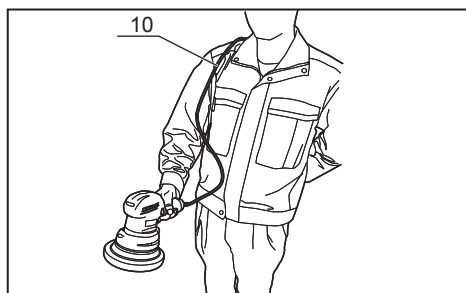
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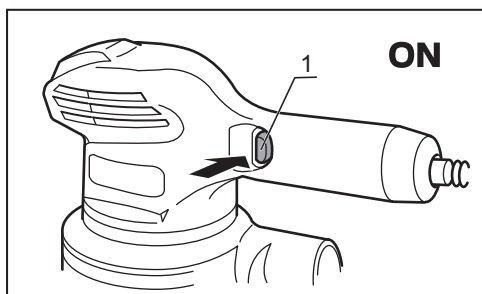
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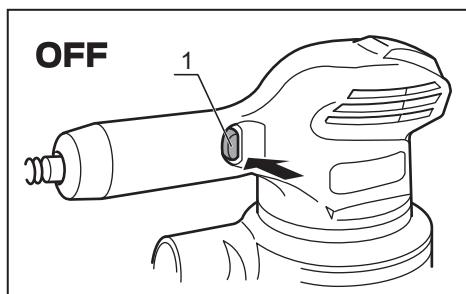
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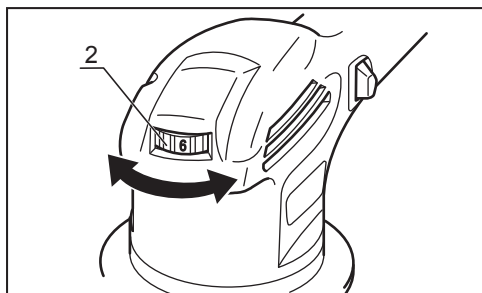
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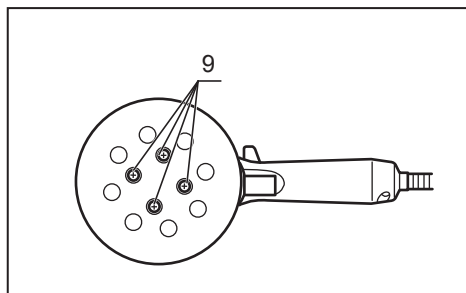
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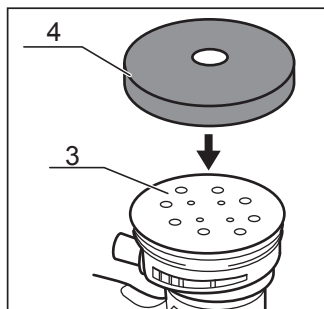
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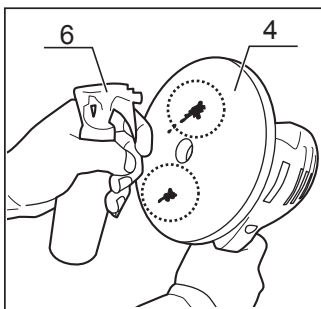
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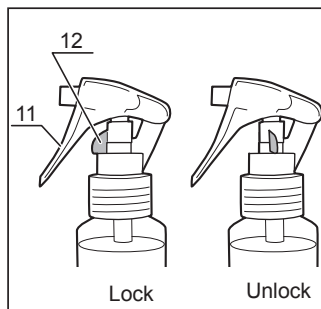
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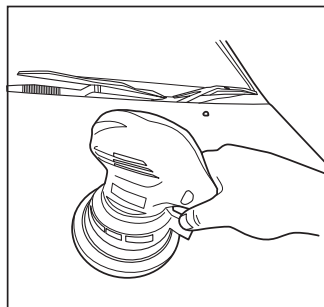
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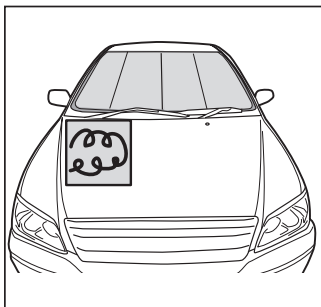
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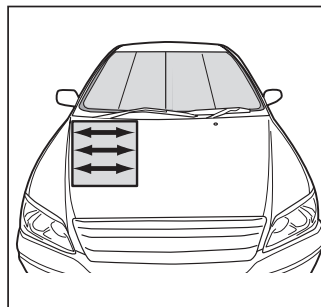
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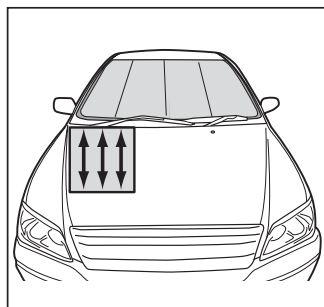
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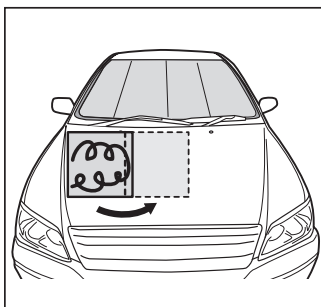
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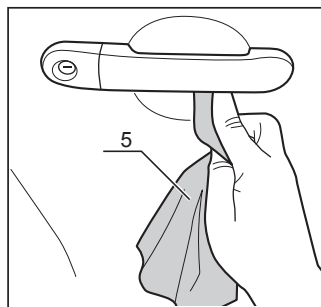
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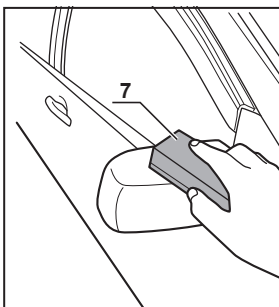
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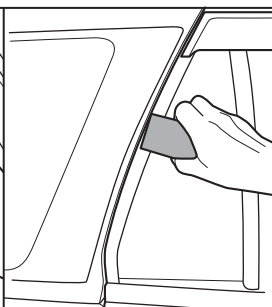
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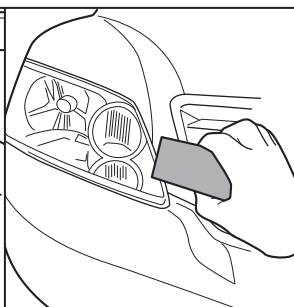
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Door mirror



Door frame



Hood

19

THANK YOU FOR BUYING OUR PRODUCT.

To ensure your safety and satisfaction, carefully read through this OWNER'S MANUAL before using the product.

General power tool safety warnings

⚠ WARNING Read all safety warnings, instructions, illustrations and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire and/or serious 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.

1) Work area safety

- Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- 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.
- Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

2) Electrical safety

- Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.
- 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.
- Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- 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.
- 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.
- If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** Use of an RCD reduces the risk of electric shock.

3) Personal safety

- 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.
- Use personal protective equipment. Always wear eye protection.** Protective equipment such as a dust mask, non-skid safety shoes, hard hat or hearing protection used for appropriate conditions will reduce personal injuries.
- 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.
- Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.

- Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
- 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.
- Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** A careless action can cause severe injury within a fraction of a second.

4) Power tool use and care

- 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.
- Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- Disconnect the plug from the power source and/or remove the battery pack, if detachable, 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.
- 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.
- Maintain power tools and accessories. 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.
- Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- 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.
- Keep handles and grasping surfaces dry, clean and free from oil and grease.** Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.

5) Service

- 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.

SANDER POLISHER SAFETY PRECAUTIONS

- Never wet the sanding surface since this may cause electric shocks.
- Check that the work piece is properly supported.
- Always use protective safety glasses and ear protectors. Use other personal protective equipment such as gloves, apron and helmet when necessary.
- Ensure that ventilation openings are kept clear when working in dusty conditions. If it should become necessary to clear dust, first disconnect the tool from the mains supply (use nonmetallic objects) and avoid damaging internal parts.

INSTRUCTIONS FOR SAFE HANDLING

1. Make sure that the tool is only connected to the voltage marked on the name plate.
2. Never use the tool if its cover or any bolts are missing. If the cover or bolts have been removed, replace them prior to use. Maintain all parts in good working order.
3. Always secure tools when working in elevated positions.
4. Never touch the blade, drill bit, grinding wheel or other moving parts during use.
5. Never start a tool when its rotating component is in contact with the work piece.
6. Never lay a tool down before its moving parts have come to a complete stop.
7. **ACCESSORIES** : The use of accessories or attachments other than those recommended in this manual might present a hazard.
8. **REPLACEMENT PARTS** : When servicing, use only identical replacement parts.

DESCRIPTION

- | | |
|---------------------|-----------------|
| 1. Switch | 7. Hand buff |
| 2. Dial | 8. Carrying bag |
| 3. Rubber pad | 9. Screw |
| 4. Sponge buff | 10. Power cord |
| 5. Microfiber cloth | 11. Lever |
| 6. Compound | 12. Lock lever |

SPECIFICATIONS

Rubber pad size	123 mm (5")
No load speed	6,000 - 12,000 min ⁻¹
Input	300 W
Diameter of orbit	5 mm (1/5")
Overall dimensions	226 x 123 x 151 mm (8-29/32" x 4-27/32" x 5-15/16")
Net weight	1.5 kg (3.3 lbs.)

*** Be sure to check the nameplate on the product, because the voltage is subject to change depending on the area in which the product is to be used.**

STANDARD ACCESSORIES

Sponge buff (Hook-and-loop fastener type) 150mm
Hand buff (L100XW50XH32mm)
Microfiber cloth (300X400mm)
Compound
Carrying bag

APPLICATIONS

(Use only for the purposes listed below.)

Automobile polishing and buffing (water scale removal, minor scratch removal, headlight darkening/yellowing correction, buffing of door visors (rain guards), bumper, and other plastic and plated parts)

* Polishing using the included automobile polish compound also helps protect and buff the automobile's finish and repels water.

Features

This product includes a specialized automobile polishing kit.

1. Allows for removal of water scale and sunlight glare from the body of the automobile.
* Can also remove minor scratches, but may not be effective against more serious damage.
2. Not only polishes, but also protects and buffs the automobile finish, and helps repels water.

3. Can also help correct headlight darkening and yellowing, and buff door visors (rain guards), bumper, and other plastic and plated parts.

Parts other than the automobile body which can be polished (Fig. 1)

Headlights, bumpers, door visors (rain guards), and other plated parts

Notes:

- Do not polish plastic and plated parts excessively to a degree which generates heat.
- Do not use product on glass surfaces, rubber parts, or underside of vehicle (tires, wheels, mudguards).
- If this kit is used on a vehicle which has been waxed or treated with a polymer coating, it will remove the existing wax and polymer coating and apply the compound included with this kit instead.
- This kit can be used on glass coated vehicles without issue. The kit will remove water scale and other dirt from the surface of the glass coating.

Pre-polishing preparation

1. Wash the vehicle (Fig. 2)

- Wash the entire vehicle using tap water or a high pressure washer to remove mud, dust, and other dirt.

Note: Remove any iron particles, dead insects, pitch, or tar on the vehicle beforehand using commercially available iron remover or auto detailing clay. If polishing is carried out with any foreign materials or objects still on the vehicle, the foreign materials or objects could result in damage to the vehicle.

2. Wipe away water to dry

- After washing the car, wipe away remaining water.

Note: Use a commercially available auto drying cloth or similar to avoid damaging the vehicle when wiping it dry.

Do not use household towels to wipe the vehicle dry. The vehicle could be damaged depending on the type of fibers used in the towels.

3. Masking (Use masking tape, and other protective materials to cover parts that will not be polished.) (Fig. 3)

- Mask and cover rubber parts (window frame rubber parts, etc.) and glass surfaces in order to prevent any burning of rubber parts or adhesion of compound on glass surfaces.

Note: Cover keyholes with masking tape or other protection to prevent compound from getting in keyholes.

Work precautions

- Please use only genuine compound (6) and sponge buffs (4) to carry out work.

Note: Using any products other than genuine Ryobi products may not only result in inability to achieve desired results, but may also damage the vehicle.

- Exercise sufficient caution to ensure that no foreign material or objects adhere to the sponge surface of the sponge buff (4) or hand buff (7) used to polish the vehicle.

Note: Never place the product with the sponge surface facing downwards in a location where any foreign material or objects could adhere to the sponge surface. (Fig. 4) If polishing is carried out with any foreign material or objects adhered to the sponge surface, it may result in damage to the vehicle.

- Use the microfiber cloth (5) to remove compound and to hand-polish narrow and hard to reach areas.
Use separate cloths for wiping away dirt and for wiping down the vehicle.

- Do not polish glass surfaces, rubber parts, or underside of vehicle (tires, wheels, mudguards).
- Carry out work in a location away from direct sunlight. If direct sunlight has heated the surface of the car, cool the car surface using water before carrying out polishing work. Excessive heat can cause the compound to solidify and may result in not being able to achieve the desired results. (If the vehicle is cooled with water, wipe away any remaining water before carrying out polishing.)
- It is recommended that the power cord (10) be slung over your shoulder while carrying out work. (Fig. 5)
If the power cord comes into contact with the vehicle surface during work, it may result in damage to the vehicle.
- Do not press or apply excessive pressure when carrying out polishing work. Do not polish plastic and plated parts excessively to a degree which generates heat.
Applying excessive pressure while carrying out polishing work may not only result in inability to achieve desired results, but may also damage the vehicle.
- Do not cover product ventilation inlets with hands or other objects. Doing so could cause the motor to overheat and burnout.
- Only use the product with the sponge buff attached. Using without the sponge buff will damage the vehicle and product pad.
- When operating the product with no load, the pad may not rotate or may rotate backwards, however this is not a malfunction as the product uses a random rotation mechanism. The pad will rotate in the correct direction when light pressure is applied to the pad.

SWITCH (Figs. 6, 7 and 8)

This tool is started by pushing the switch (1) to the "ON" position. (Fig. 6)

To stop the tool, push the switch, to the "OFF" position. (Fig. 7)

The rotation speed can be freely adjusted from 6,000 to 12,000 min⁻¹, by turning the six-step dial (2). (Fig. 8)
(1 = lowest speed / 6 = highest speed)

CHANGING THE RUBBER PAD (Fig. 9)

Damaged rubber pads must be replaced immediately. The rubber pad can be easily removed by removing the 4 screws (9) with a Philips screwdriver. A new rubber pad can be attached by setting the rubber pad on the tool with the screw holes aligned and firmly tightening the 4 screw.

Work methods

Use (polishing)

1. Attach the sponge buff (Fig. 10)

- Attach the included sponge buff (hook-and-loop fastener surface) to the pad (bottom surface).
Attach so that the pad is in the center of the sponge buff.

2. Set the rotation speed. (Fig. 8)

- It is recommended the rotation speed be set to 4 on the dial for polishing work.
It is recommended that a lower speed (1 or 2 on the dial) be used for detailed parts and body edges.

3. Spray on compound. (Fig. 11)

- Spray an appropriate amount of the compound (6) on the sponge buff (4) in two opposing spots.
(Pull compound sprayer handle approximately 2-3 times per spot)
- The compound sprayer lever (11) is locked at the time of purchase to prevent the compound from leaking. Rotate the lock lever (12) 90 degrees to the left or right in order to unlock. (Fig. 12)

4. Begin polishing (Fig. 13)

- Place the sponge surface with the compound applied on the vehicle body and turn the product switch ON.
Note: If the switch is turned ON while the sponge is not in contact with the vehicle body, the compound on the sponge will be sprayed out to the sides of the product by the rotation.

5. Spread the compound. (Fig. 14)

- Spread the compound in approximately 50 cm wide areas.

6. Polish horizontally and vertically. (Figs. 15 and 16)

- Once the compound is spread, move the product slowly and at a fixed speed in a horizontal direction within an approximately 50 cm area of the vehicle surface.
(Movement speed should be approximately 50 cm per 10 seconds.)
- * The slower polishing is carried out, the more effective it will be at removing dirt and scratches.
- * While carrying out work, it is not necessary to push on or apply pressure to the product, just simply hold it in place. (Optimally, the sponge buff should be rotating at a speed that is easily visible to the eye.)
- Move the product slowly and at a fixed speed in a vertical direction within an approximately 50 cm area of the vehicle surface.

7. Repeat process for the entire vehicle surface. (Fig. 17)

- After polishing in a horizontal and vertical direction, polish over the entire 50 cm area again to evenly spread the compound.
Next, carry out the process on the next 50 cm area.
- If any compound powder remains on the vehicle body, wipe away the powder using the microfiber cloth (5) while polishing. If any excess compound sticks to the vehicle surface, moisten a microfiber cloth with water and wring out, then use to wipe away the excess compound.

Repeat the steps 3-7 above to polish the entire vehicle surface.

Polishing of detailed parts

- For concave parts like the indentations under door handles which are difficult to polish using the hand buff, apply compound to a microfiber cloth (5), and polish by hand. (Fig. 18)
- Use the hand buff (7) to polish detailed parts by hand.
Apply the compound to the sponge surface (grey side). (Fig. 19)

Post polishing work

- Remove all masking and protective material after polishing is completed.
- Use a microfiber cloth to wipe away any compound powder which remains in narrow gaps or other locations, or wash the entire vehicle with water to wash away any compound powder.
Use a specialized auto wiping cloth or other appropriate cloth to wipe down if the car is washed.



MAINTENANCE

After use, check the tool to make sure that it is in top condition. It is recommended that you take this tool to an Authorized Service Center for a thorough cleaning and lubrication at least once a year.

DO NOT MAKE ANY ADJUSTMENTS WHILE THE MOTOR IS IN MOTION.

ALWAYS DISCONNECT THE POWER CORD FROM THE RECEPTACLE BEFORE CHANGING REMOVABLE OR EXPENDABLE PARTS (BLADE, BIT, SANDING PAPER ETC.), LUBRICATING OR WORKING ON THE UNIT.

WARNING!

To ensure safety and reliability, all repairs should be performed by an AUTHORIZED SERVICE CENTER or other QUALIFIED SERVICE ORGANIZATION.

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE.



WARNING To reduce the risk of injury, user must read instruction manual "



Class II construction tool in which protection against electric shock does not rely on basic insulation only, but in which additional safety precaution, such as double insulation or reinforced insulation, are provided."

KYOCERA Industrial Tools Corporation
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