

TROUBLE SHOOTING GUIDE & HOW TO REPLACE CUTTER AND GEARS OF JAKAR 5151 ELECTRIC PENCIL SHARPENER

Although the original components have been factory fitted using special tooling no special skills are required to perform these basic tasks. Should you have any difficulties please do not hesitate to contact us for assistance.

Your statutory rights remain unaffected.

IMPORTANT

- **ALWAYS DISCONNECT MACHINE FROM MAINS BEFORE ATTEMPTING ANY OF THE FOLLOWING TASKS.**
- **PLEASE PAY PARTICULAR ATTENTION TO STEP 3 REGARDING THE SMALL SPRING UNDER THE SECTION 'REMOVING THE MOTOR'**

POSSIBLE REASONS WHY YOUR MACHINE MAY HAVE STOPPED WORKING.

- 1. BROKEN SHAVING TRAY** - Ensure that the small plastic 'nib' at the rear of the shaving tray is intact. This is a safety device without which the machine will not operate. If it breaks, replacement trays are available.
- 2. OVERHEATING** -The machine has a built-in device to prevent the motor from overheating. If, after continuous use within a relatively short period of time, the machine stops working, this is probably because the overheating device has been activated. Allow the machine to cool for at least 30 minutes after which the motor should re-set.
- 3. PIECE OF LEAD LODGED IN THE CUTTER AREA:** Should a piece of lead breaks off from the tip of the pencil and becomes lodged in the cutter area this may cause the small metal 'stop plate' to the rear of the cutter to 'think' that a pencil is still inserted. The machine will therefore no longer turn. This is to prevent over sharpening. The piece of lead may not be visible until the motor is removed from the outer casing. **Follow steps 1 and 2** below to see if there is a piece of lead lodged between the rear of the cutter and the small metal 'stop plate'. If it is not possible to remove all of the obstructing lead it may be necessary to remove the cutter in order to gain better access to the obstruction. See instruction below. **Clean the cutter regularly with a stiff bristle brush.**

REMOVING THE MOTOR

IMPORTANT

- **ALWAYS DISCONNECT MACHINE FROM MAINS BEFORE ATTEMPTING ANY OF THESE TASKS**
- **PLEASE PAY PARTICULAR ATTENTION TO STEP 3 REGARDING SMALL SPRING.**

1. Remove the 4 small screws securing base plate. Lift base plate from the front and remove.
2. Lift the rectangular rubber cable seal from the rim of the casing and remove entire motor and cutter unit from casing. (Note: With some models it may be necessary to pull the front of the outer casing forward in order to release the motor. ***(See images 1 & 2 below)***)
3. Using a small flat screwdriver carefully remove the half moon plastic cap from end of the cutter **(TAKE CARE: THIS CAP CONCEALS A SMALL SPRING UNDER TENSION)**
4. Removal of the cap (and spring) will reveal a steel rod passing through the cutter.
5. Remove the steel rod.
6. Holding the cutter at the 'cap' end, lift and remove.
7. Note the self adhesive sponge washer between the cutter and the 'cap' end. This may come away as the cutter is removed.

Replacing the cutter

8. Replace the sponge washer against the 'cap' end of the housing.
9. Insert the new cutter into rear of the housing and lower into position against the sponge washer. (Useful tips! - It may be helpful to insert a small piece of paper (greaseproof paper is ideal) between the cutter and sponge washer to act as a 'lubricant'. This will help the cutter to 'slide' into position without dislodging the washer. Withdraw the paper as the cutter is lowered into position. (Partially inserting the steel rod may also help to keep the washer in place while inserting the cutter)
10. Once the cutter and washer are in position, insert the steel rod fully and replace the spring and then the half-moon cap.
11. Slide the motor back into the guide rails on either side of the outer casing.
12. Tuck the red and blue wires into the cavity behind the motor.
13. Ensure the rectangular rubber seal around the cable is inserted with the longer piece facing inwards so that it sits flush with the rim of the casing.
14. Replace the base plate by first engaging the securing clip at the rear of the base plate and then lower the plate fully into position.
15. Before securing the base plate with the 4 screws ensure that the plate fits flush and that no cables are trapped.

REPLACING GEARS

After a long period of use you may find that one or both of the white plastic gears may require replacing. These can be obtained on request.

1. Disconnect machine from mains and follow the procedure to remove the motor as described above.
2. Remove the 2 screws from the U shaped bracket that secures the motor to the main body.
3. Pull out motor with shaft and small gear.
4. If the small gear has split it should be easy to remove.
5. A new tight fitting gear can then be pushed onto the shaft. We do not advise the use of pliers which may damage the gear. Instead use the flat end of a screwdriver to apply pressure.

6. Remove metal block from plastic body to give access to the large gear.
7. Remove the large gear from the shaft using the flat ended screwdriver.
8. Push the new gear into position until it locks into place.
9. Replace the U shaped bracket and re-assemble as described above.

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Pull back casing to release motor



Unecessary with this model

