



ELECTRIC DRILL



MODEL:DS-350,DS-450,DS-550



I. FEATURE & USE

JIZ HANDLEELECTRIC DRILL is handle electric tool with driven by the series generation. Its features are small in volume, light in weight, convenient to catch etc. It can be used in places which is moist and marrow. It can be used in the workshop with good conduct electricly, such as work high above the ground or metal frameetc.

II. INSTRUCTION OF SAFETY USE MAINTENANCE

Read the explanation following before the tool got through power.

SAFETY

1. Be sure to carry out strictly the relevant rules in GB 3387 THE TECHNICAL RULESONMANAGEMENT. USE. CHECKING AND SAFE MAINTENANCE OF THE HANDLE ELECTRIC TOOLS. Otherwise you must obey our explanation first.

2. REGULARIZING WORKPIECE The workpiece to be drilled must be regularized and pay more attention to it when it is drilled through.

3. Use the plug correctly without changing the plug as one please and plugging the outer with bare conducting wire directly not using the plug. Be sure to take off the plug in time.

4. Not to use power wire without limited. Be sure not to lengthen or change the power wire, not to carry the power wire touch heat source and oil. Prevent the from being damaged.

OPERATION

1. USE ASSIGNED VOLTAGE The voltage in the circuit must be not more



than 10% at the date plate assignment before using it.

2. CHECK BEFORE BEING USED Let the tool have nonloading for one minute and see whether the function of transmission position is flexible and there is abnormal noise and the screws become flexible and fall off and the inverting spark is normal or not.

3. PREVENT THE TOOL FROM OVERLOAD The head of the drill must be sharp. When you are drilling, you should not be too tough. If the rotation speed is reduced abnormally, you should reduce to exert yourself. If the drill stops suddenly or gets stuck, you turn off the power.

4. CHANGE THE BRUSH IN TIME If the brushes are too damaged to use, change them both at the same time, otherwise the brushes and the inverter will be in loose contact even spark around or the inverter can be damaged. Sometimes the armature would be burnt.

5. It can not be used in the following condition. If you find the insulate is damaged, the power wire or electric cable case is broken, the plug and outlet is broken, and it works continually the spark appears seriously etc. you should repair immediately. It can not be used before being repaired.

6. USE THE TOOL CAREFULLY The tool used should be placed softly in order not to be shocked.

MANTENANCE:

1. ADD OIL IN IT OF TEN The drill is a speed working tool. The lubrication grease is volatilized easily so the grease in reduction case and bearing must often be kept clean and add or change it anytime needed.

1. CHECKING AND MAINTENANCE ON IT FREQUENTLY. The drill should be checked, repaired day to day and see whether the power wire, the plug and the switch work well or not. Pay attention to everything such as whether the insulation resistance works normally, the handle is flexible, the inverter and brushes

are well contacted, the armature winding and the stator winding are in short circuit or broken circuit, and the bearing, the other moving parts are damaged etc.

3. EACH PART SHOULD BE WELL KEPT AND WHEN YOU WANT TO CHANGE THE PART USING THE SAME ONES When the drill needs taking apart and checking, do keep each part including insulation liner and casing pipe. If they are damaged you must change the new one and the same one. Be sure not to use the substitution materials which is worse than one used and the part which does not agree with the standard. When fixing, you must put the parts in their proper position as usual and should not omit any of them.

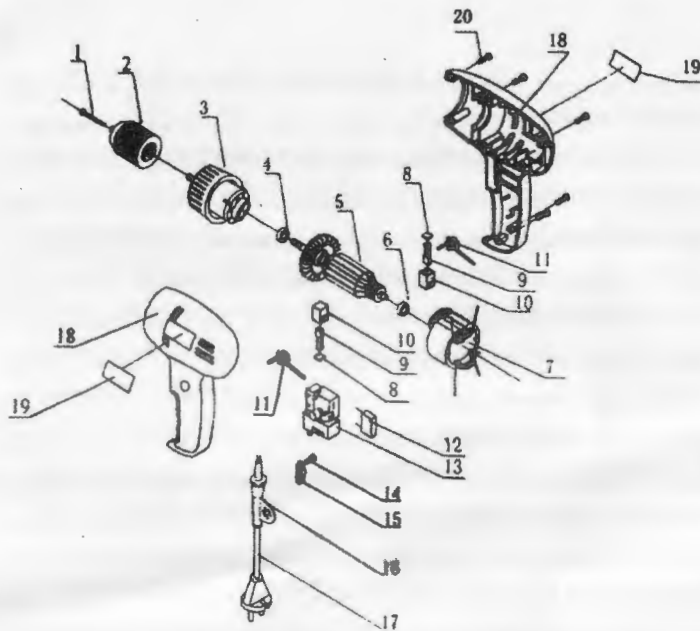
4. BE CAREFUL OF THE INSULATION RESISTANCE The drill not to be used for long or to have been used in damp condition must be tested in its winding of the insulation resistance with a 500 million ohm meter. If the winding, and iron center is less than 2 million ohms, you must make drying treatment to the winding until more than 2 million ohms.

5. STORED CAREFULLY The drill should be kept in a dry clean place and without any corrosive gases.

III . ACCESSORIES

If the drill manufactured by our factory is damaged or can not work normally for the quality, we will repair it free within one year since the date of manufacture or being bought within six months.

NOTE: To be sure obey the rules and use and keep it correctly and disassemble by yourself except to change the brushes.



Item No.	Part Name	Qty	Item No.	Part Name	Qty	Item No.	Part Name	Qty
1	Screw M4x16 (left)	1	9	Carbon brush	2	17	Cord	1
2	Chuck	1	10	Brush holder	2	18	Housing	2
3	Gear Box	1	11	Inductor	2	19	Name Plate	1
4	bearing 608	1	12	Condenser	1	20	Screw ST3x16	8
5	Armature	1	13	Switch	1			
6	bearing 626	1	14	Screw ST4x14	2			
7	Stator	1	15	Cord clip	1			
8	Carbon cap	2	16	Rubber sleeve	1			

