



PERCUSSION HAMMER

ID HQ11E

Part No.: 26563

OPERATION INSTRUCTIONS



Read through carefully and understand these instructions before use.

Power Tool Safety Rules

WARNING!

Read and understand all instructions. Failure to follow all instructions listed below, may result in electric shock, fire and/or serious personal injury. Warning words as below, "POWER TOOL" indicates Electric Power Tool or Battery(Cordless) Power Tool.

Save these instructions

1. Work Area

1) Keep your work area clean and well lit. Cluttered benches and 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 by-standers, children, and visitors away while operating a power tool. Distractions can cause you to lose control.

2. Electrical Safety

1) The plug must fit fully in the outlet, reverse the plug. Do not change the plug in any way, power tools for Connecting ground couldn't use any changed plug. original plugs and fitted outlet will reduce electric shock

2) Avoid body contact with grounded surfaces such as pipes, radiators, refrigerators. There is an increased risk of electric shock if your body is grounded.

3) Don't expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.

4) Do not abuse the cord. Never use the cord to carry the tools or pull the plug from an outlet. Keep cord away from heat, oil, sharp edges or moving parts. Replace damaged cords immediately. Damaged or winding cords increase the risk of electric shock.

5) When operating a power tool outside, use an proper outdoor extension cord .That help reduce the risk of electric shock.

3. Personal Safety

1) Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use tool while tired or under the influence of drugs, alcohol, or medication. A moment of inattention while operating power tools may result in serious personal injury.

2) Use safety equipment. Always wear eye protection. Dust mask, non-skid safety shoes, hard hat, or hearing protection must be used for appropriate conditions.

3) Avoid accidental starting. Be sure switch is "OFF" before plugging in. Carrying tools with your finger on the switch or plugging in tools that have the switch "ON" invites accidents.

4) Remove adjusting keys or wrenches before turning the tool "ON". A wrench or a key that is left attached to a rotating part of the tool may result in personal injury.

5) Do not overreach. Keep proper footing and balance at all times. Proper footing and balance enables better control of the tool in unexpected situations.

6) Dress properly. Do not wear loose clothing or jewelry. Contain long hair. Keep your hair, clothing, and gloves away from moving parts. Loose clothes, jewelry, or long hair can be caught in moving parts.

7) if equipment connected with scraps-discharge device and integration equipment provided, be sure connected well and in right use. it will reduce injure resulted from scrape.

4.Tool Use and Care

1) Do not force tool. Use the correct tool for your application. The correct tool will do the job better and safer at the rate for which it is designed.

2) Do not use tool if switch does not turn it "ON" or "OFF". Any tool that cannot be controlled with the switch is dangerous and must be repaired.

3) Disconnect the plug from the power source before making any adjustments, changing accessories, or storing the tool. Such preventive safety measures reduce the risk of starting the tool accidentally.

4) Store idle tools out of reach of children and other untrained persons. Tools are dangerous in the hands of untrained users.

5) Maintain tools with care .check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the tools operation. If damaged, have the tool serviced before using. Many accidents are caused by poorly maintained tools. Develop periodic maintenance schedule for your tool.

6) Keep cutting tools sharp and clean. Properly maintained tools, with sharp cutting edges are less likely to bind and are easier to control. Any alteration or modification is a misuse and may result in a dangerous condition.

7) Correctly use power tools .accessory and clamps according to operating condition and related requirements .use tools not complying operation standards maybe lead to danger.

5.Service

1).We use only identical replacement parts in tool service after your tools are sent to our company. In that case each repaired tool safety maintenance can be guaranteed.

***Power Supply Voltage: Attention of the power supply voltage if it's as same as the voltage of the Power Tool you used. If the voltage is higher than the tools, will be caused accident, meanwhile, will damage the tools. Conversely, the voltage is less than the tools, will be damaged the motors. So, please don't connect the power supply if you're not sure the voltage.**

Percussion Hammer Safety Rules

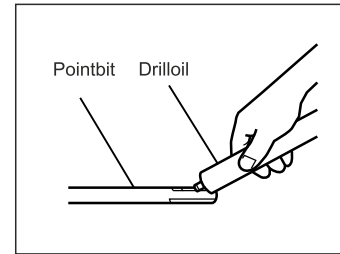
1. Please wear the related safety facility, such as helmet, safety glasses and protective mask. And dust cover, ear protector and thick glove will be recommend to wear.
2. Assure the chisel are fixed on the right position tightly.
3. Carefully check the screws are not loose before turn on the machine. Because the Demolition Break is running with vibration to cause the screws loose.
4. warm up the machine when the machine haven't been used for a long time or in the cold weather.
5. Working place must be solid, and please wear the safety belt when you're working at the high place and make sure there is no people as below.
6. Handle the machines by two hands tightly.
7. Don't touch the parts that is running.
8. Don't loosen the machine when It is working. Start the machine after hold it up.
9. Don't make the machine direct any people when it's running. Because the running chisel may hurt someone.
10. Please handle the plastic grip and side grip to avoid the accident when the machine is running. Because it may chisel the electric wires on working.
11. Don't touch the chisel or the parts near chisel after the machine turned off in a short while. Because the heat parts may damage you.

Please keep this Instruction.

Specification

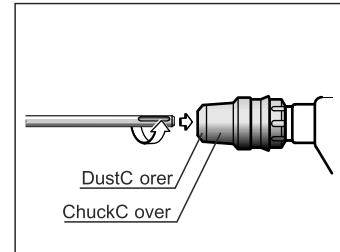
Model	ID HQ11E
Rated Voltage	220V/240V ~
Rated Power	1500W
Impact times	900-1800/min
Rated Frequency	50/60Hz
N.W.	10.7kg

***Remark:** Manufactures reserve the right to change specification without notice. Specifications, the voltage may be sold in different countries vary.



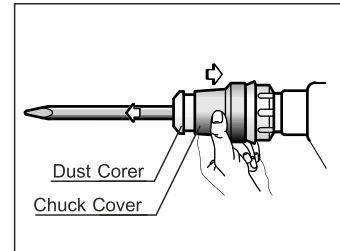
Install or remove the bit

Please clean the bit and lubricate the bottom of the bit before install it.

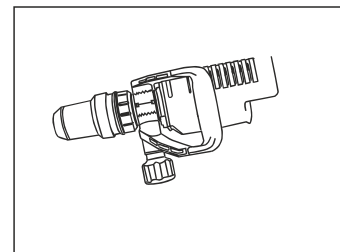


NOTE: when install or remove the bit, please make sure you have turned off the switch and disconnected the power supply.

Put the bit in the chuck and lock it automatically, and pull the bit to make sure it locked tightly.

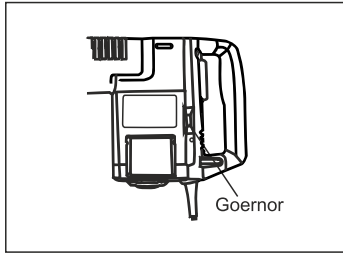


Remove the bit, just put the chuck back and pull it out.



Side Grip

The side grip can be around the machine 360 degree and position 8 place in horizontal, just release the Screw and turn the grip to the proper position and tighten the screw.



Change Impact Rate

The user can choose the impact rate as the machining material. Set on the impact rate via the governor.

Loading and no-loading, the electronic controller can keep the impact rate under the range of that you setted on.

Must choose the impact rate basing on the machining material.

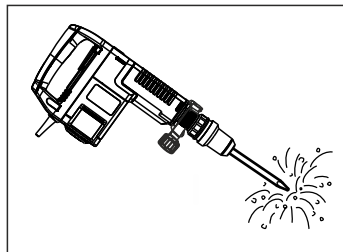
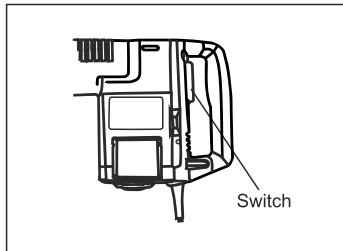
Material	Numbers of the Governor	Impact rate/Min
Plaster/light material	1-2	900-1180
Tile	3	1380
Brick	4	1502
Concrete	5-6	1710-1800

Switch's operation

Turn on: push the switch at the right, then the machine is running.

Turn off: push up the switch at the left to close the machine.

You must warm up the machine in the cold working place. It will be reducing the warming up time to chisel the ground.



Chisel, Scratch, Break

Handle the machine tightly, switch on it and press a little to make it stable. Don't press it more that will not improve the working efficiency.

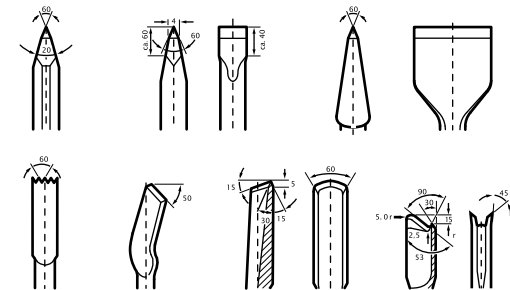
Sharpen the bit

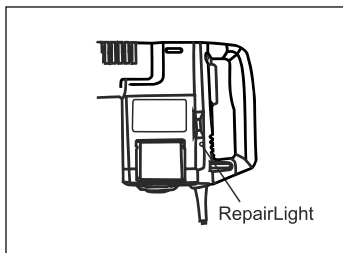
Using sharp bit can help us to attain an ideal finish ,so we must sharpen bits properly to prolong tool's life time and improve our efficiency .

Additional care of sharpening bits

Place bit into steady stream to sharpen it .any detailed value, please refer to pictures .

Caution : temper colour never appears on the bit edge ,if that ,bit hardness can be effected .



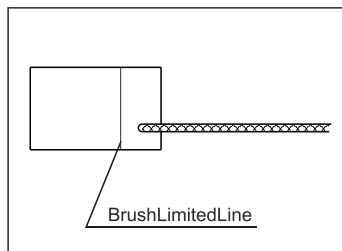


Lamp indicator

lamp indicator lights up or blinks, indicating that carbon brush would be worn out switch off the tool in about 8 hours , after that period,tool stops running ,and has to sent to service center for repair .

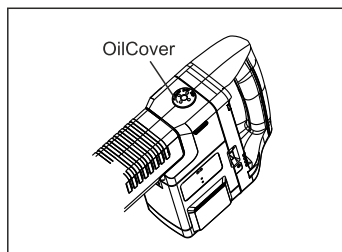
Maintenance and clean

Always be sure that the tool is switched off and unplugged before attempting to perform inspection or maintenance.



Carbon Brush Replacement

Check and replace the Carbon Brush regularly. Replace it in time when it is running to the limited line. And please keep the bursh holder clear and replace the carbon brush in pair.



Lubricate

Please lubricate the machine after replacement the Carbon Brush.

Switch on the machine and run several minutes, then put it on the table, keep the bit point up, It makes the lube in the gear box, after 5 minutes, open the oil cover and take out the used lube fully and then replace the new lube.

NOTE: Please don't put the lube over the quantity that specified, because It will couse the wrong impact or demange if put more.

Please use the good quality lube, which will be more better to the machine.

How to use Demolition Hammer

- 1. Switch on the machine after putting its head into the hole of basement. Sometimes, should make the drill direct the oppesite and jump up to start the stroke. It's the protection action under the no-loading status, don't means the machine has something wrong.**
- 2. Make use of your hands to tighten the machine to control it efficiently with the machine's weight. Start working as the proper speed, press it more may reduce its working efficiency.**

To ensure the safety and reliability of products,pls send the power tools to our local special maintenance centers for repair.

User's replacement parts: Carbon Brush, Switch, Power Supply Cord

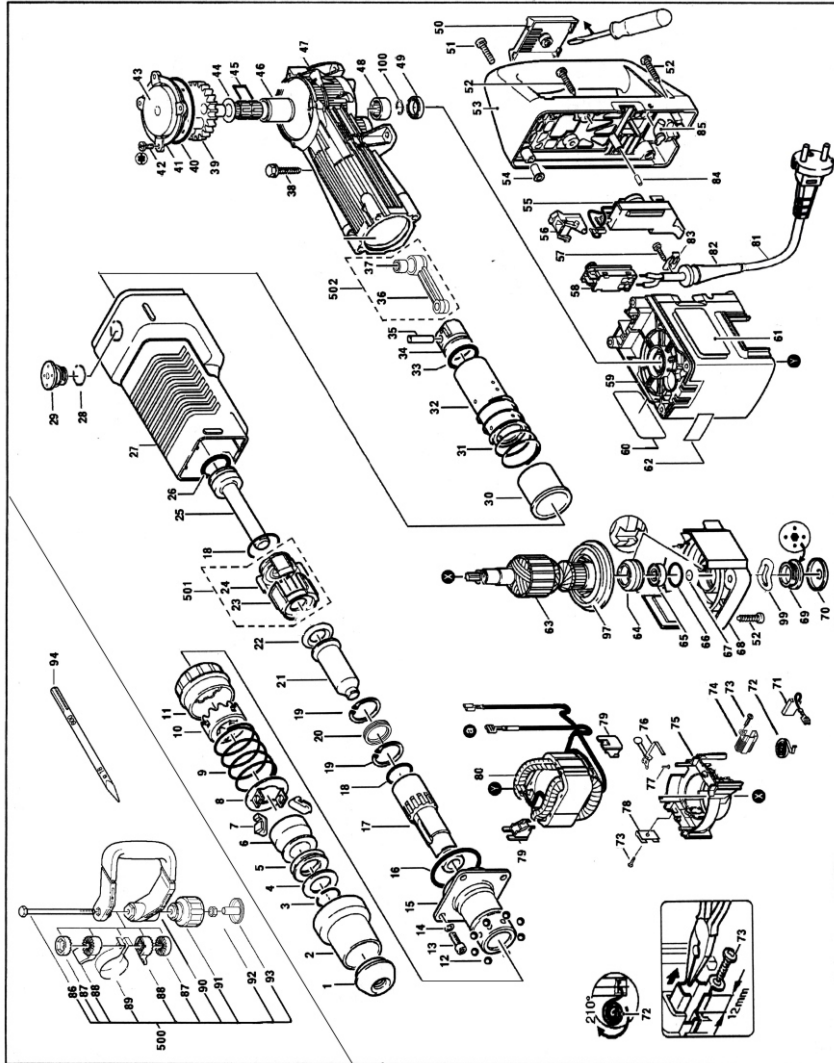
Please use 245 IEC66(YCW) type cord.

Please use the oringial parts from our company.

Shopping Accessories(Not sell with the tool)

NOTE: the accessories as below is used for the tools listed by this Instruction. It will be dangerous if you choose the accessories from the other brand or fittings. The accessories are limited for the proper usage.

Alloy Drill Bit	Point Bit
Scraping Chisel	Flat Chisel
Round Spade	Gouge
Lube	Drill oil
Side Grip	Clean Ball
Protection Glasses	Carry Case



Series No	Name	QTY	Series No	Name	QTY
001	Dust Shield	1	051	pan head screw	2
002	Sleeve	1	052	self-tapping screw	8
003	Snap Ring	1	053	Handle	1
004	Washer	1	054	Sleeve	2
005	Bushing	1	055	Speed Control	1
006	Stop Sleeve	1	056	Switch Actuator	1
007	Locking Cog	2	057	self-tapping screw	3
008	Locking Ratchet	1	058	Switch	1
009	Spring	1	059	Motor Housing	1
010	Ratchet Ring	1	060	Nameplate	1
011	Ratchet Sleeve	1	061	Brand	1
012	Ball	8	062	nameplate	1
013	HEX SOCKET HEAD SCREW	4	063	armature	1
014	elastic washer	4	064	Threaded Bushing	1
015	Flange	1	065	BEARING	1
016	O Ring	1	066	O Ring	1
017	Drill Holder	1	067	retaining ring	1
018	O Ring	2	068	Motor Housing Cover	1
019	retaining ring	2	069	Threaded Ring	1
020	Oil Seal	1	070	Cap	1
021	Impact Bolt	1	071	Carbon Brush	1
022	O Ring	1	072	Brush Spring	1
023	Control Disc	1	073	self-tapping screw	2
024	Control Disc	1	074	Brush Holer	1
025	Striker	1	075	Brush Holder Assy	1
026	O Ring	1	076	Speed Control Linker	1
027	Plastic Sleeve	1	077	self-tapping screw	1
028	O Ring	1	078	Carbon Brush Linker	2
029	Grease Cap	1	079	Spacer Block	2
030	Control Bushing	1	080	stator	1
031	Spring	1	081	cord	1
032	Guide Tube	1	082	cabl shield	1
033	Guide Tube	1	083	Cord Clamp	1
034	Piston	1	084	Rubber Pin	1
035	Piston Pin	1	085	Light Conductor	1
036	Connecting Rod	1	086	OUTER HEX SOCKET HEAD SCREW	1
037	NEEDLE BEARING	1	087	Gear	2
038	OUTER HEX SOCKE HEAD SCREW	4	088	Clamp Holder	2
039	Eccentric Gear	1	089	Hoop	1
040	O Ring	1	090	Side Handle	1
041	Gear Housing Cover	1	091	Knob	1
042	HEX SOCKET HEAD SCREW	4	092	nut	1
043	Felt Seal	1	093	Knob Cap	1
044	Thrust Ring	1	094	Diamond Point Bit*280	1
045	NEEDLE BEARING	2	097	plastic fan	1
046	Bush with Oil	1	099	Elastic Washer	1
047	Gear Housing	1	100	retaining ring	1
048	NEEDLE BEARING	1	500	Side Handle Discreteness set (10PCS)	1
049	Oil Seal	1	501	stand aside components set (2PCS)	1
050	Shift Plate+696Bearing	1	502	ConnectingRod Discreteness (2PCS)	1