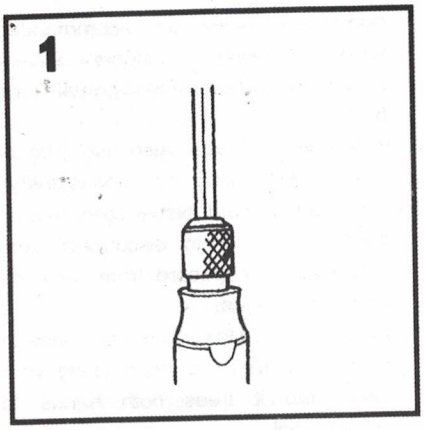
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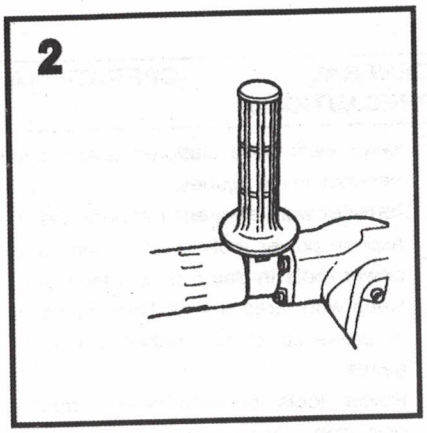
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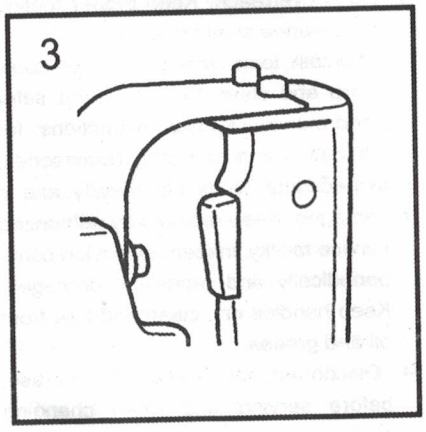
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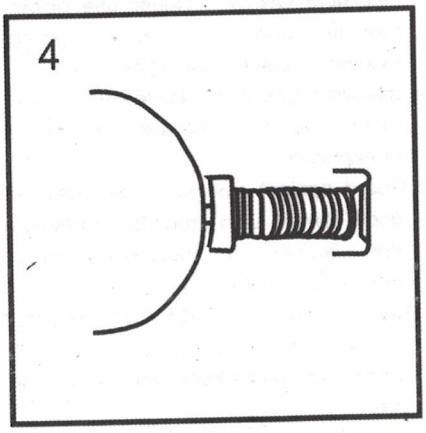
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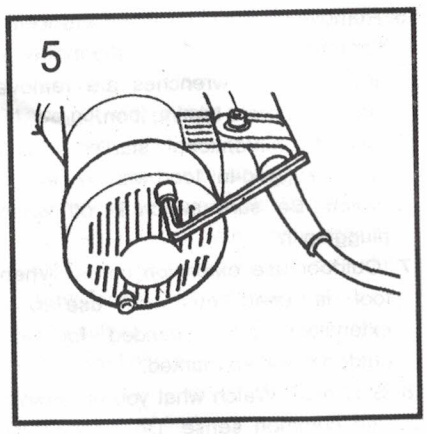
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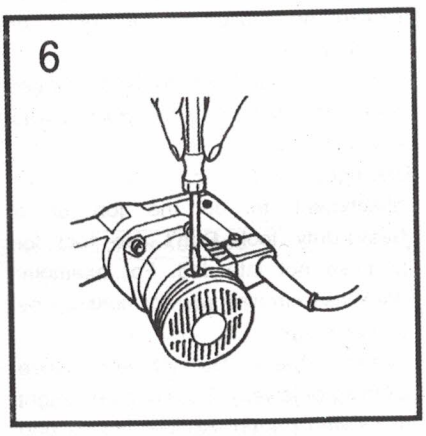
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GENERAL OPERATIONA PRECAUTIONS

1. Keep work area cluttered areas and benches invite injuries.
2. Consider work area environment. Don't expose power tools to rain. Don't use power tools in damp or wet locations. Keep work area well lit. Don't use tool in presence of flammable liquids or gases.

   Power tools produce sparks during operation. They also spark when switching ON/OFF. Never use power tool in dangerous sites containing lacquer, paint, benzene, thinner, gasoline, gases, adhesive agents and other materials which are combustible or explosive.
3. Guard against electric shock. Prevent body contact with grounded surfaces. For example: piles, radiators, ranges, refrigerator enclosures.
4. Keep children away. Do not let visitors contact tool or extension cord. All visitors should be kept away from work area.
5. Store idle tools. When not in use, tools should be stored in dry and high or locked up place out of reach of children.
6. Don't force tool. It will do the job better and safer at the rate for which it was intended.
7. Use right tool. Don't force small tool or attachment to do the job of a heavy-duty tool. Don't use tool for purpose not intended. For example: don't use circular saw for cutting tree limbs or logs.
8. Dress properly. Do not wear loose clothing or jewelry. They can be caught in moving parted. Rubber gloves and non-skid footwear are recommended when working outdoors. Wear productive hair covering to contain long hair.
9. Use safety glasses. Also use face or dust mask if cutting operation is dusty.
10. Don't abuse cord. Never carry tool by cord or yank it to disconnect from receptacle. Keep cord from heat, oil and sharp edges.
11. Secure work. Use clamps or a vise to hold work. It's safer than using your hand and it frees both hands to operate tool.
12. Don't overreach. Keep proper footing and balance at all times.
13. Maintain tools with care. Keep tools sharp and clean for better and safer performance. Follow instructions for lubricating and changing accessories. Inspect tool cords periodically and if damaged. Keep repaired by authorized service facility. Inspect extension cords periodically and replace if damaged. Keep handles dry, clean and free from oil and grease.
14. Disconnect tools when not in use, before serving and when changing accessories. Such as blades, bits, cutters.
15. Remove adjusting keys and wrenches. From habit of checking to see that keys and adjusting wrenches are remove from tool before turning it on.
16. Avoid unintentional starting. Don't carry plugged-in tool with finger on switch. Be sure switch is off when plugging in.
17. Outdoor use extension cords. When tool is used outdoors, use only extension cords intended for use outdoors and so marked.
18. Stay alert. Watch what you are doing. Use common sense. Do not operate

tool when you are tired.

19. Check damaged parted. Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center unless otherwise indicated service center unless otherwise indicated elsewhere in this instruction manual. Have defective switches replaced by authorized service center. Do not use tool if switch does not turn it on and off.
20. Do not use power tools for applications other than those specified in the handling instructions.
21. To ensure the designed operational integrity of power tools, do not remove installed covers or screws.
22. Do not touch movable parts or accessions unless the power source has been disconnected.
23. Use your tool at lower input that specified on the nameplate: otherwise, the finish may7 be spoiled and working efficiency reduced due to motor overload.
24. Do not wipe plastic parts with solvent. Solvent such as gasoline, thinner, benzene, carbon tetrachloride, alcohol, ammonal and crack plastic parts. Do not wipe them with such solvents. Wipe plastic parts with a soft cloth lightly dampened with soapy water.
25. Consult an authorized Service Agent in the event of power tool failure.
26. Use only original KINGTOOL replacement parts.
27. This tool should only be dissembled for replacement carbon brushes.

Precautions on using electric hammer drill

1. Wear protective glasses to protect your eyes.
2. Wear a mask when turning your head upward.
3. Use earplugs to keep your ears noise-free while working
4. Properly set the bit holder.
5. since the bit becomes very hot during operation, exercise extremes very hot.
6. Before sure to use the side handle.
7. Safe operation depends on one's stable posture.
8. At the start of work, confirm the oil supply and screw tightening.
9. When working at a highly elevated location, pay attention to articles and persons below.
10. Before starting breaking or chipping a wall, floor, or ceiling, thoroughly confirm that no items such as an electric cable or conduit are buried inside.
11. Wear protective shoes to protect your feet.

Specifications

Model	0810
Voltage	120V~
Input	1000W
Full-load impact rate	3000min
Weight(w/o cord)	6kg

Be sure to check the nameplate on product as it is subject to change by areas.

Standard accessories

(1) Steel Case 1
(2) Oil Feeder 1
(3) Hexagon Bar Wrench 1
(4) Wrench 1
(5) Bull Point (Total Length410mm)....1
Standard accessories are subject to

change without notice.

Optional accessories (sold separately)

Cutter

(for crushing asphalt)

Total Length	410mm
Weight	75mm
Code No:	944964

Cold Chisel

(for grooving and squaring)

Total length:	410mm
Code No:	994962

Applications

Crushing concrete, chipping, digging and squaring.

Application Examples

Installation of piping and wiring, sanitary facility installation, machinery installation, water supply and drainage work, interior jobs, harbor facilities and other civil engineering work.

Prior to operation

1. **Power source**
   Ensure that the power source to be utilized conforms to the power requirements' specified on the product nameplate.
2. **Grounding**
   This tool should be grounded while in use to protect the operator from electric shock. The tool is equipped with a three-conductor cord and grounding type plug to fit the proper grounding type receptacle. The green or yellow conductor in the cord is the grounding wire. Never connect the green or yellow wire to a live terminal.
3. **Power switch**
   Ensure that the power switch is in the OFF position. If the plug is connected to a power receptacle while the power switch is in the ON position, the power tool will start operating immediately, inviting serious accident.
4. **Extension cord**
   When the work area is removed from the power source, use an extension cord of sufficient thickness and rated capacity. The extension cord should be kept as short as practicable.
5. Feeding oil (refer to the paragraph on the oil leeding,page9)

Prior to using the power tool, remove the oil gauge and do not fail
the oil tank with the provided oil,(Although the oil tank is built in, it contains only a small volume of oil when shipped from the Hitachi Works.)

6. Mounting a tool

Note: When handing bull point ,cord chisel And other accessories, Hitachi standard tools are recommended for better operation.

(1) Rotate the stop lever 180 ° in a clockwise direction while pulling it toward you. Next, insert the tool shank into the hexagonal hole on the front cover.(Fig.1)

(2) Clamp the tool by turning the stop lever half a turn in the opposite direction.(Fig.2)

(Note) When removing the tool, follow the about procedure in reverse order.

How to use the hammer drill(Fig.3)

1. After placing the tip of the tool in the base hole, switch ON.

   In some cases, it is necessary to punch the up of the bit against the crushing position forcibly in order to begin the striking stroke.

   This is not due to malfunction of the tool. It means that the safe guard mechanism against no-load striding is working.

2. By utilizing the weight of the machine and by firmly holding the hammer with both hands, one can effectively control the subsequent recoil motion.

   Proceed at a moderate work-rate, the use of too much force will impair efficiency.

Caution: Sometimes the tool does not begin the striking stroke even when the motor rotates because the oil has become thick.

If the tool is used at low temperatures or if it is used after a long time idle, the tool should be used running in for five minutes in order to warm it up.

Oil feeding

Caution: Prior to oil feeding, always disconnect the plug from the power supply receptacle.

Since an oil chamber is built in this Electric Hammer drill, it cam be used for approximately 20 days without supplying lubricating oil, assuming that the drill is used continuously 3-4 hours daily.

Feed oil into the oil tank as described below before using this hammer drill. (See Figs.15 and 16)

1. Just before no oil is visible in the oil gauge window when the device is held upright, feed oil without fail.
2. Before feeding oil, use the provided wrench to remove the oil gauge.

   Be careful not to lose the rubber packing attached below the oil gauge.
3. Check the oil level once daily, confirming that oil is filled.
4. After feeding oil, securely clamp the oil gauge.

Note: As an optional accessory, oil for the electric hammer drill (one liter) is sold separately. Use this oil when oil in the tank is depleted, Shell Oil co. ROTELLA# 40 (engine oil) can also be used. This oil is solder shell filling stations most anywhere.

Maintenance and inspection

1. **Inspecting the tool**

Since use of a dull tool will cause motor malfunctioning and degraded efficiently whet it or replace with a new one without delay when abrasion is noted.

2. **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.

1. 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.

2. Inspecting the carbon brushes (Fig.17)

The motor employs carbon brushes which are consumable parts. Since an excessively worn carbon brush could result in motor trouble, replace the carbon brush with a new one which has the same carbon brush No. shown in the figure when it becomes worn to or near the "wear limit". In addition, always keep carbon brushes clean and ensure that slide freely within the brush holders.

Replacement steps

The carbon brush can be removed by removing the tail cover and brush cap in that order at the interior.

3. Inspection of the dust cover

The dust cover functions as dust-proof of inside mechanism.

When the interior of the dust cover is worn, replace the new dust cover. The dust cover can be removed by pulling.

Note

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

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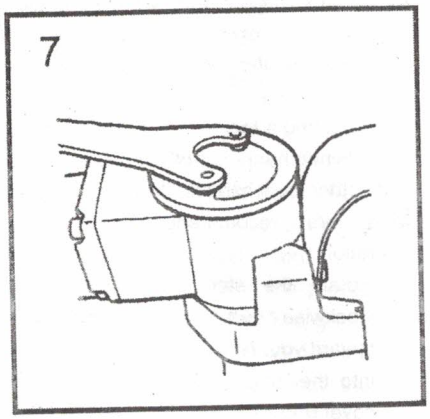

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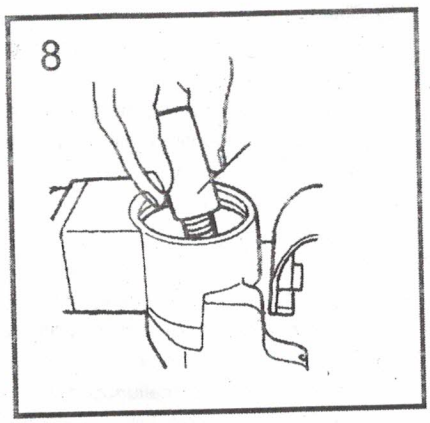

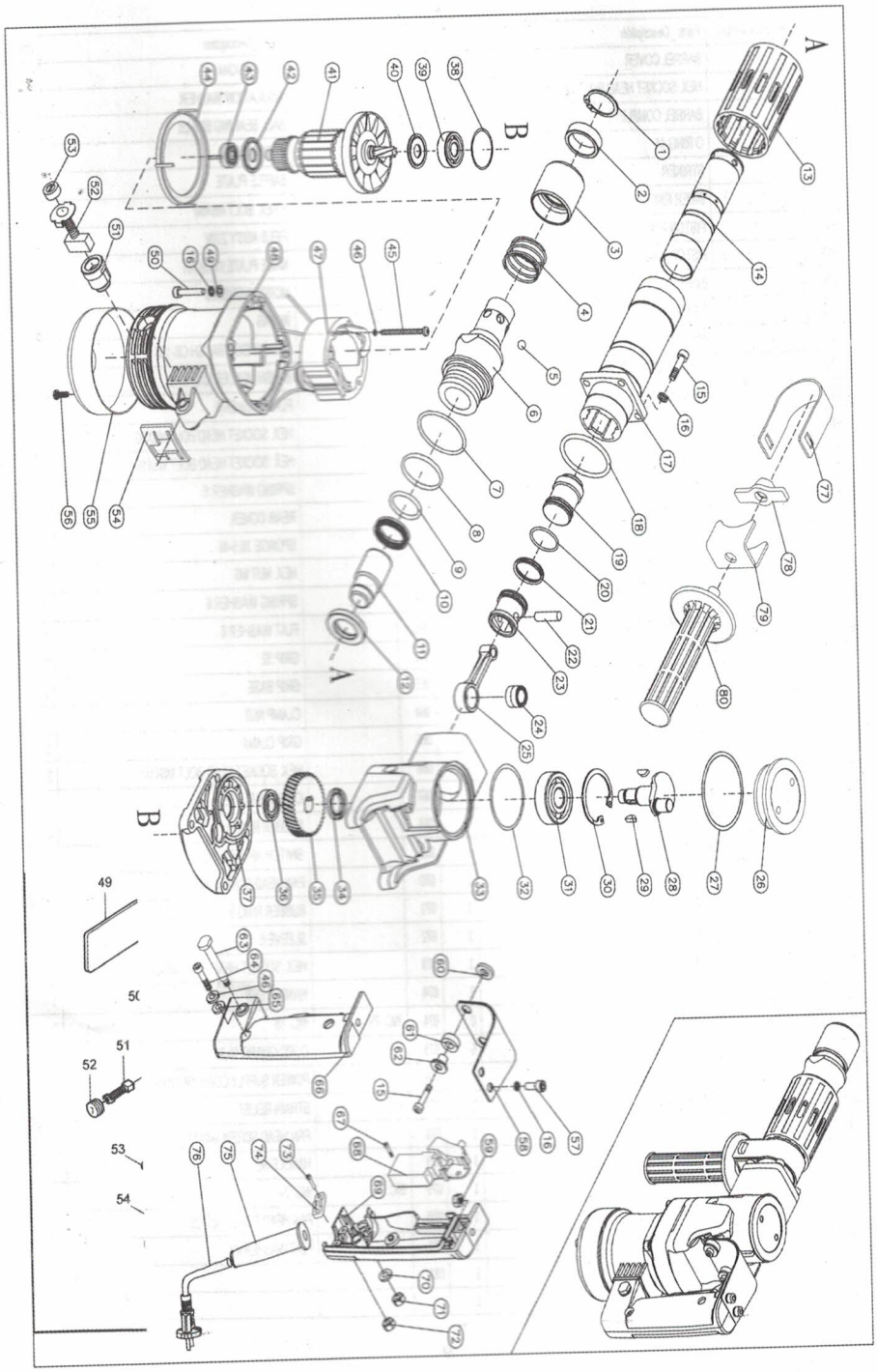
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Item	Sub_Explanation	Parts_Description	Qty	Item	Sub_Explanation	Parts_Description	Qty
001		BARREL COVER	1	042	INC. 40414344	INC. 40414344	0
002		HEX. SOCKET HEAD BOLT M6X25	4	043		INSULATION WASHER	1
003		BARREL COMPLETE	1	044		BALL BEARING 608LLB	1
004		O RING 44	1	045		RUBBER PIN 4	1
005		STRIKER	1	046		BAFFLE PLATE	1
006		INNER RING 26	1	047		+ HEX. BOLT M5X60	2
007		PISTON RING 30	1	048		FIELD ASS'Y 220V	2
008		PISTON RING 30	1	049		NAME PLATE HM0810T	1
009		INNER RING 26	1	050		MOTOR HOUSING	1
010		PISTON	1	050	INC. 45	INC. 45	0
011		PIN 8	1	051		A.C. CARBON BRUSH CB-105	1
012		CRANK CAP COMPLETE	1	052		BRUSH HOLDER CAP 6-10	2
013		O RING 60	1	053		FLAT WASHER 6	4
014		ROD	1	054		HEX. SOCKET HEAD BOLT M6X50	4
015		NEEDLE BEARING 1212	1	055		HEX. SOCKET HEAD BOLT M5X18	2
016		CRANK SHAFT	1	056		SPRING WASHER 5	2
017		WOODRUFF KEY 4	2	057		REAR COVER	1
018		RETAINING RING R-47	1	058		SPONGE 38.5-46	1
019		BALL BEARING 6303LLU	1	059		HEX. NUT M6	1
020		O RING 48	1	060		SPRING WASHER 6	1
021		CRANK HOUSING COMPLETE	1	061		FLAT WASHER 6	1
021	INC. 20	INC. 20	0	062		GRIP 32	1
022		OIL SEAL 17	1	063		GRIP BASE	1
023		HELICAL GEAR 41	1	064		CLAMP NUT	1
024		GEAR HOUSING	1	065		GRIP CLAMP	1
024	INC. 39	INC. 39	0	066		HEX. SOCKET HEAD BOLT M6X14	2
025		NEEDLE BEARING 1210	1	067		CUSHION PLATE	2
026		HANDLE SHAFT	1	068		RUBBER RING 9	2
027		FLAT WASHER 24	1	069		SWITCH HPAHR6-35S	1
028		IMPACT BOLT	1	070		PAN HEAD SCREW M4X8	2
029		X RING 28	1	071		RUBBER RING 9	2
030		O RING 27	1	072		SLEEVE 6	2
031		O RING 38	1	073		HEX. SOCKET HEAD BOLT M6X25	2
032		TOOL HOLDER ASS'Y	1	074		HANDLE SET	1
032	INC. 33-3637	INC. 33-3637	0	074	INC. 79	INC. 79	0
033		STEEL BALL 7.9	6	075		CORD GUARD 10-90	1
034		COMPRESSION SPRING 30	1	076		POWER SUPPLY CORD AWG#16-2-5.0	1
035		CHANGE RING	1	077		STRAIN RELIEF	1
036		RING 29	1	078		PAN HEAD SCREW M4X18	2
037		RETAINING RING R-28	1	079		HANDLE SET	1
038		SEAL	1	079	INC. 74	INC. 74	0
039		O RING 32	1	080		PAN HEAD SCREW M5X25	1
040		BALL BEARING 6201LLB	1	081		FLAT WASHER 43	1
041		DUST SEAL 12	1	082			1
042		ARMATURE ASS'Y 220V	1				