



Demolition Hammer

OWNER'S MANUAL

G80



CU 72151735

Before operation, Please refer to the OWNER'S MANUAL

Table of contents

Safety	2	Maintenance	12
Specifications	8	Parts List and Diagram	14
Setup	8	Warranty	16
Operation	10		

Work area safety

1. Keep work area clean and well lit. Cluttered or 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 children and bystanders away while operating a power tool. Distractions can cause you to lose control.

Electrical safety

1. power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with grounded power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.
2. Avoid body contact with grounded surfaces such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is grounded.
3. Do not 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 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.
5. 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.
6. If operating a power tool in a damp location is unavoidable, use a Ground Fault circuit Interrupter (GFCI) protected supply. Use of a GFCI reduces the risk of electric shock.

personal safety

1. 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.
2. Use personal protective equipment. Always wear eye protection. Safety equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
3. prevent unintentional starting. Ensure the Trigger is in the off-position before connecting to power source, picking up or carrying the tool. Carrying power tools with your finger on the Trigger or energizing power tools that have the Trigger on invites accidents.
4. Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
5. Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewelry or long hair can be caught in moving parts.
6. If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of these devices can reduce dust-related hazards.
7. Only use safety equipment that has been approved by an appropriate standards agency. Unapproved safety equipment may not provide adequate protection. Eye protection must be ANSI-approved and breathing protection must be NIOSH-approved for the specific hazards in the work area.

WARNING SYMBOLS AND DEFINITIONS	
	This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.
	Indicates a hazardous situation which, if not avoided, will result in death or serious injury.
	Indicates a hazardous situation which, if not avoided, could result in death or serious injury.
	Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.
	Addresses practices not related to personal injury.

IMPORTANT SAFETY INFORMATION

General power Tool Safety Warnings

WARNING

Read all safety warnings and instructions. Failure to follow the warnings and instructions 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.

power tool use and care

1. 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.
2. Do not use the power tool if the Trigger does not turn it on and off. Any power tool that cannot be controlled with the Trigger is dangerous and must be repaired.
3. Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.
4. 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.

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.

percussion Hammer Safety Warnings

1. Wear ear protectors. Exposure to noise can cause hearing loss.
2. Use auxiliary handles supplied with the tool. Loss of control can cause personal injury.
3. Hold power tools by insulated gripping surfaces when performing an operation where the cutting tool may contact hidden wiring or its own cord. Contact with a "live" wire will make exposed metal parts of the tool "live" and shock the operator.
4. Keep clear of moving parts.
5. Unplug before inspecting, removing or installing chisel, or performing any service. Chisel may move but MUST NOT slide out.
6. Wear steel-toed boots during use.
7. Do not operate this tool if you have back, neck, or wrist injuries, or other conditions that will be aggravated by the severe jerking forces that this tool exerts upon the operator.
8. Maintain labels and nameplates on the tool. These carry important safety information. If unreadable or missing, contact Harbor Freight Tools for a replacement.
9. People with pacemakers should consult their physician(s) before use. Electromagnetic fields in close proximity to heart pacemaker could cause pacemaker interference or pacemaker failure. In addition, people with pacemakers should:
 - Avoid operating alone.
 - Properly maintain and inspect to avoid electrical shock.
 - Properly ground power cord. Ground Fault Circuit Interrupter (GFCI) should also be implemented – it prevents sustained electrical shock.

SAFETY

SETUP

OPERATION

MAINTENANCE

16. WARNING: Some dust created by power sanding, sawing, grinding, drilling, and other construction activities, contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Some examples of these chemicals are:
 - Lead from lead-based paints
 - Crystalline silica from bricks and cement or other masonry products
 - Arsenic and chromium from chemically treated lumberYour risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles. (California Health & Safety Code § 25249.5, et seq.)
17. WARNING: The cord of this product contains lead and/or di (2-ethylhexyl) phthalate (DEHP), chemicals known to the State of California to cause cancer, and birth defects or other reproductive harm. Wash hands after handling. (California Health & Safety Code § 25249.5, et seq.)
18. WARNING: This product contains di (2-ethylhexyl) phthalate (DEHP), a chemical known to the State of California to cause cancer and birth defects or other reproductive harm. (California Health & Safety Code § 25249.5, et seq.)
19. The warnings, precautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

VIBRATION SAFETY

This tool vibrates during use. Repeated or long-term exposure to vibration may cause temporary or permanent physical injury, particularly to the hands, arms and shoulders. To reduce the risk of vibration-related injury:

1. Anyone using vibrating tools regularly or for an extended period should first be examined by a doctor and then have regular medical check-ups to ensure medical problems are not being caused or worsened from use. Pregnant women or people who have impaired blood circulation to the hand, past hand injuries, nervous system disorders, diabetes, or Raynaud's Disease should not use this tool. If you feel any symptoms related to vibration (such as tingling, numbness, and white or blue fingers), seek medical advice as soon as possible.
2. Do not smoke during use. Nicotine reduces the blood supply to the hands and fingers, increasing the risk of vibration-related injury.
3. Wear suitable gloves to reduce the vibration effects on the user.
4. Use tools with the lowest vibration when there is a choice.
5. Include vibration-free periods each day of work.
6. Let the tool do the work.
7. To reduce vibration, maintain the tool as explained in this manual. If any abnormal vibration occurs, stop use immediately.

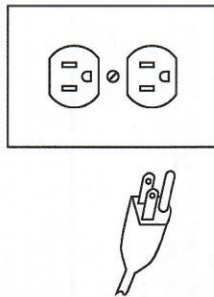
 **SAVE THESE INSTRUCTIONS.**

WARNING

TO PREVENT ELECTRIC SHOCK AND DEATH FROM INCORRECT GROUNDING WIRE CONNECTION: check with a qualified electrician if you are in doubt as to whether the outlet is properly grounded. Do not modify the power cord plug provided with the tool. Never remove the grounding prong from the plug. Do not use the tool if the power cord or plug is damaged. If damaged, have it repaired by a service facility before use. If the plug will not fit the outlet, have a proper outlet installed by a qualified electrician.



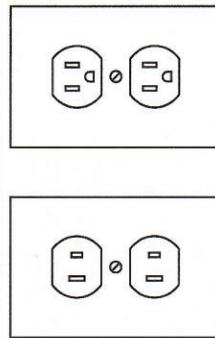
Grounded Tools: Tools with Three prong plugs



3-prong plug and Outlet

- Tools marked with "Grounding Required" have a three wire cord and three prong grounding plug. The plug must be connected to a properly grounded outlet. If the tool should electrically malfunction or break down, grounding provides a low resistance path to carry electricity away from the user, reducing the risk of electric shock. (See 3-prong plug and Outlet.)
- The grounding prong in the plug is connected through the green wire inside the cord to the grounding system in the tool. The green wire in the cord must be the only wire connected to the tool's grounding system and must never be attached to an electrically "live" terminal. (See 3-prong plug and Outlet.)
- The tool must be plugged into an appropriate outlet, properly installed and grounded in accordance with all codes and ordinances. The plug and outlet should look like those in the preceding illustration. (See 3-prong plug and Outlet.)

Double Insulated Tools: Tools with Two prong plugs



Outlets for 2-prong plug

- Tools marked "Double Insulated" do not require grounding. They have a special double insulation system which satisfies OSHA requirements and complies with the applicable standards of Underwriters Laboratories, Inc., the Canadian Standard Association, and the National Electrical Code.
- Double insulated tools may be used in either of the 120 volt outlets shown in the preceding illustration. (See Outlets for 2-prong plug.)

Extension cords

- Grounded tools require a three wire extension cord. Double Insulated tools can use either a two or three wire extension cord.
- As the distance from the supply outlet increases, you must use a heavier gauge extension cord. Using extension cords with inadequately sized wire causes a serious drop in voltage, resulting in loss of power and possible tool damage. (See Table A.)
- The smaller the gauge number of the wire, the greater the capacity of the cord. For example, a 14 gauge cord can carry a higher current than a 16 gauge cord. (See Table A.)
- When using more than one extension cord to make up the total length, make sure each cord contains at least the minimum wire size required. (See Table A.)
- If you are using one extension cord for more than one tool, add the nameplate amperes and use the sum to determine the required minimum cord size. (See Table A.)
- If you are using an extension cord outdoors, make sure it is marked with the suffix "W-A" ("W" in Canada) to indicate it is acceptable for outdoor use.

TABLE A: RECOMMENDED MINIMUM WIRE GAUGE FOR EXTENSION CORDS* (120/240 VOLT)				
NAMEPLATE AMPERES (at full load)	EXTENSION CORD LENGTH			
	25'	50'	75'	100'
0 - 2.0	18	18	18	16
2.1 - 3.4	18	18	18	16
3.5 - 5.0	18	18	16	14
5.1 - 7.0	18	16	14	12
7.1 - 12.0	18	14	12	10
12.1 - 16.0	14	12	10	-
16.1 - 20.0	12	10	-	-

* Based on limiting the line voltage drop to five volts at 150% of the rated amperes.

- Make sure the extension cord is properly wired and in good electrical condition. Always replace a damaged extension cord or have it repaired by a qualified electrician before using it.
- Protect the extension cords from sharp objects, excessive heat, and damp or wet areas.

Symbology

	Double Insulated
	Canadian Standards Association
	Underwriters Laboratories, Inc.
	Volts
	Alternating Current
	Amperes
	No Load Revolutions per Minute (RPM)

	WARNING marking concerning Risk of Eye Injury. Wear ANSI-approved safety goggles with side shields.
	Read the manual before set-up and/or use.
	WARNING marking concerning Risk of Fire. Do not cover ventilation ducts. Keep flammable objects away.
	WARNING marking concerning Risk of Electric Shock. Properly connect power cord to appropriate outlet.
	WARNING marking concerning Risk of Hearing Loss. Wear hearing protection.

Specifications

Electrical Input	120VAC / 60Hz / 15A
No Load Blows Per Minute	1400 BPM
1-1/4" (30mm x 410mm) Hex Shank Chisels	1 Bull Point 1 Flat Point



CU 72151735

Setup - Before Use:



Read the **ENTIRE IMPORTANT SAFETY INFORMATION** section at the beginning of this manual including all text under subheadings therein before set up or use of this product.

Note: For additional information regarding the parts listed in the following pages, refer to *Parts List and Diagram* on page 14.

Adjusting Side Handle

Optional accessories (sold separately)

Notice: Optional accessories (sold separately) are recommended only for XINPU tool for specified purpose in manual, any other brand accessories or attachments used may present risk of injury.

1. Point chisel Hexagon size 30*410 length (Unit: mm)
2. Flat chisel Hexagon size 30*410 length (Unit: mm)
3. Big flat chisel Hexagon size 30*410 length*50 Cutting width (Unit: mm)
4. Tine spade Hexagon size 30*440 length (Unit: mm)



Optional accessories are subject to change without notice.

Functions

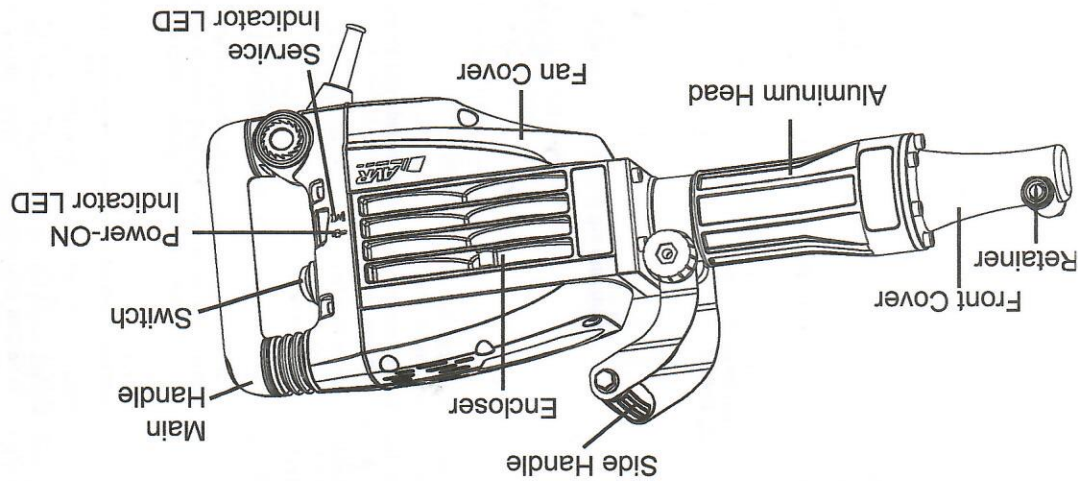


Figure A

! Read the **ENTIRE IMPORTANT SAFETY INFORMATION** section at the beginning of this manual including all text under subheadings therein before set up or use of this product.

Tool Set Up

⚠ WARNING

TO PREVENT SERIOUS INJURY FROM ACCIDENTAL OPERATION:

Make sure that the power switch is in the OFF (O) position and the tool is unplugged from its electrical outlet before performing any procedure in this section.

Before First Use, After Long-Term Storage And When Operating In cold Temperatures

Distribute internal lubricant:

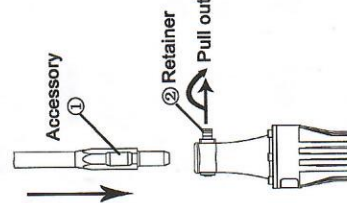
1. Lay Breaker Hammer on its side on a surface that will withstand vibration.
2. Make sure that the Power Switch is in the OFF (O) position, then plug Breaker Hammer into dedicated 120V outlet.
3. Press the Power Switch to ON (I) position and let Breaker Hammer run for several minutes.
4. When done, Press the Power Switch to OFF (O) position, then unplug Breaker Hammer.

CAUTION! Do not install chisel for this operation.

Installing Non-collared chisel (Included)

MOUNTING TOOL BITS

⚠ Warning: before do it, make sure unplug the machine!



(1) Pull out of the retainer "2", turning 180° clockwise or anticlockwise, insert the accessory shank portion "1" into the hole on the front cover.

(2) Turning the retainer back into original position.

Remark: When you removing the accessory, such as a bull point, a cutter etc., follow above procedure in reverse order.

Installing collared chisel (Sold Separately)

Work Area Set Up

1. Make sure the work area is well-lit. **Keep children and bystanders a safe distance from work area.**
2. Route the power cord along a safe route to reach the work area without creating a tripping hazard or exposing the power cord to possible damage. The power cord must reach the work area with enough extra length to allow free movement while working.
3. There must not be objects, such as utility lines, nearby that will present a hazard while working.

General Operating Instructions

NOTE: If the Carbon Brush Light comes on and Breaker Hammer stops operating, see **carbon Brush Replacement and Lubrication on page 12.**

1. Make sure that the Power Switch is in the OFF (O) position, then plug Breaker Hammer into dedicated 120V outlet.
2. Set the end of Chisel against the work surface.
WARNING! Do not press forcibly against the work surface. Hold the Breaker Hammer with just enough pressure so that the tool's own weight supplies the needed force.
3. Place one hand on the Main Handle and the other hand on the Side Handle, gripping them firmly.
4. Press the Power Switch to ON (I) position. The power light will come on and the Breaker Hammer will begin operating.
NOTICE: To prevent damage to the Breaker Hammer, do not operate without the Chisel against the work surface.
5. When done, Press the Power Switch to OFF (O) position, then unplug Breaker Hammer.
CAUTION! chisel may be **HOT** after use. **Avoid contact with skin; use heavy-duty protective gloves when removing chisel.**
6. Remove Chisel, clean Chisel and Hammer, then store indoors out of children's reach.

Note: Store where temperature is no lower than 50° F.

 procedures not specifically explained in this manual must be performed only by a qualified technician.

⚠ WARNING

TO PREVENT SERIOUS INJURY FROM ACCIDENTAL OPERATION:
Make sure that the power Switch is in the off-position and unplug the tool from its electrical outlet before performing any procedure in this section.

TO PREVENT SERIOUS INJURY FROM TOOL FAILURE:
Do not use damaged equipment. If abnormal noise or vibration occurs, have the problem corrected before further use.

cleaning and Maintenance

- BEFORE EACH USE**, inspect the general condition of the tool. Check for:
 - loose hardware,
 - misalignment or binding of moving parts,
 - damaged cord/electrical wiring,
 - dull or cracked Chisel,
 - cracked or broken parts, and
 - any other condition that may affect its safe operation.
- AFTER USE**, wipe external surfaces of the tool with clean cloth. Do not use solvents, only use soap and water.
- Note:** Store where temperature is no lower than 50° F.
- ⚠ WARNING! If the supply cord of this power tool is damaged, it must be replaced only by a qualified service technician.**

carbon Brush Replacement and Lubrication

If the Carbon Brush Light comes on and Breaker Hammer stops operating, have a qualified technician:

- Replace Carbon Brushes.
- Refill internal lubricants.

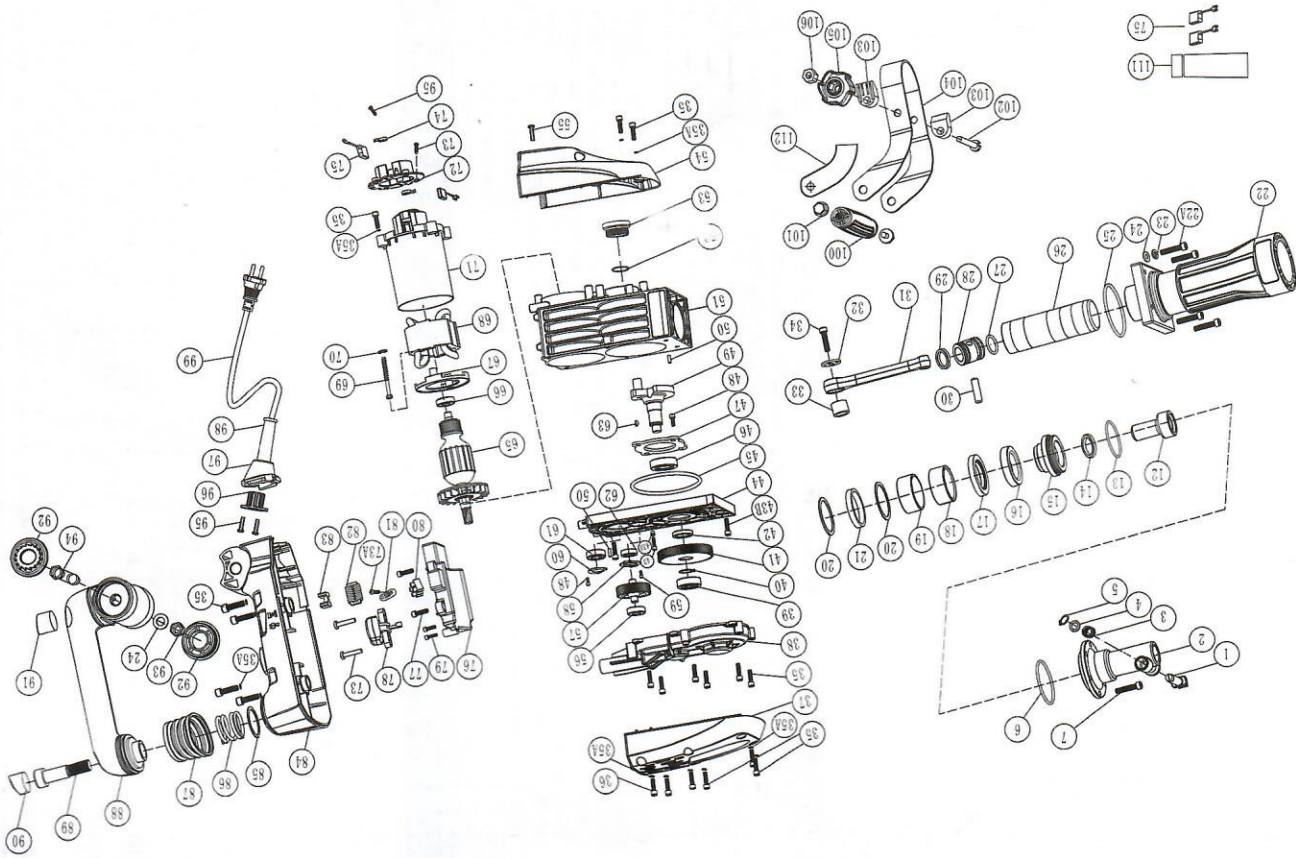
Troubleshooting

problem	possible causes	Likely Solutions
Tool will not start.	- Cord not connected. - No power at outlet. - Tool's thermal reset breaker tripped (if equipped). - Internal damage or wear. (Carbon brushes or Switch, for example.)	- Check that cord is plugged in. - Check power at outlet. If outlet is unpowered, turn off tool and check circuit breaker. If breaker is tripped, make sure circuit has right capacity for tool and circuit has no other loads. - Turn off tool and allow to cool. Press reset button on tool. - Have technician service tool.
Tool operates slowly.	Extension cord too long or wire size too small.	Eliminate use of extension cord. If an extension cord is needed, use shorter/heavier gauge cord. See <i>Extension Cords</i> in <i>GROUNDING</i> section.
Performance decreases over time.	- Chisel dull or damaged. - Internal lubrication cold. - Carbon brushes worn or damaged.	- Keep chisels sharp. Replace as needed. - Allow tool to operate with no load for 2 minutes before use. - Have qualified technician replace brushes.
Excessive noise or rattling.	Internal damage or wear. (Carbon brushes or bearings, for example.)	Have technician service tool.
Overheating.	- Forcing tool to work too fast. - Chisel dull or damaged. - Blocked motor housing vents. - Motor being strained by long or small diameter extension cord.	- Allow tool to work at its own rate. - Keep cutting chisels sharp. Replace as needed. - Wear ANSI-approved safety goggles and NIOSH-approved dust mask/respirator while blowing dust out of motor using compressed air. - Eliminate use of extension cord. If an extension cord is needed, use one with the proper diameter for its length and load. See <i>Extension Cords</i> in <i>GROUNDING</i> section.



Follow all safety precautions whenever diagnosing or servicing the tool.
Disconnect power supply before service.

Assembly Diagram



parts List and Diagram

Item No.	Part Describe	Quantity	Item No.	Part Describe	Quantity
1	Locking Lever	1	55	ST4.8x35 Tapping Screw	2
2	Front Cover A	1	56	Ball Bearing 6201 VV	1
3	Lever Spring	1	57	Counter Gear	1
4	Spring Cover	1	58	Bearing Cover	1
5	Φ10 Retaining Ring	1	59	M5x10 Embedding Screws	2
6	O-Ring Φ74xΦ2	1	60	Bearing Cover	1
7	Hex .Socket Bolt M8x30(12.9)	6	61	Ball Bearing 6203 DD	1
12	Impact Hammer	1	62	Ball Bearing 6001 DDW	1
13	O-Ring Φ62xΦ3	1	63	Woodruff Key 4x16	2
14	Y Type Sealing Ring Φ37.2xΦ	1	65	Armature	1
15	Shank Sleeve	1	66	Ball Bearing 6201 DD	1
16	Small Urethane Ring	1	67	Fan Guide	1
17	locking Ring	1	68	Stator	1
18	Mouth	1	69	ST4.8x70 Tapping Screw	2
19	Mouth Cover	1	70	Φ5 Flat Washer	2
20	Mouth Washer	2	71	Stator Assy's	1
21	Big Urethane Ring	1	72	Carbon Brush bracket	1
22	Aluminum Head	1	73	Carbon Brush	6
22A	Hex .Socket Bolt M8x40(12.9)	4	73A	ST4.2x16 Tapping Screw	2
23	Φ8 Spring Washer	4	74	Helical spring	2
24	Φ8 Flat Washer	5	75	Carbon Brush	2
25	O-Ring Φ53xΦ2.5	1	76	Switch Support	1
26	Cylinder	1	77	Hex .Socket Bolt M5x16	4
27	Fluorin O-Ring Φ35xΦ5.5	1	78	Switch	1
28	Piston	1	79	Hex .Socket Bolt M4x20 (12.9)	2
29	Y Type Sealing Ring Φ35x7	1	80	Rivet	2
30	Piston Pin	1	81	Cord Clip	1
31	Connecting Rod Assy	1	82	Electricity Feels	1
32	Crank Washer	1	83	Indicator	1
33	NK18/20 Needle Bearing	1	84	Side Handle Assy Base	1
34	Hex .Socket Bolt M8x1x35	1	85	Shock Absorption Spring	1
35	Hex .Socket Bolt M6x20 (12.9)	22	86	Shock Absorption Spring	1
35A	Φ6 Flat Washer	18	87	Shock Absorption Jacket	1
36	Hex .Socket Bolt M6x25(12.9)	2	88	Main Handle	1
37	Cover	1	89	Hex .Socket Bolt M14	1
38	Gear Cover	1	90	Rubber Stopper-1	1
39	Ball Bearing 6202 Z	1	91	Rubber Stopper-2	1
40	Φ22 Retaining Ring	1	92	Adorn Cover	2
41	Final Gear	1	93	Nut M8	1
42	Distance Ring	1	94	M8 Bolt	1
43	Hex .Socket Bolt M6x35(12.9)	2	95	ST4.2x10 Tapping Screw	4
43A	Distance Piece	2	96	Jacket Platen	1
43B	Hex .Socket Bolt M8x35(12.9)	4	97	jacket orientation piece	1
44	Inner Cover	1	98	Cord Armor	1
45	O-Ring Φ109xΦ3.1	1	99	Cord	1
46	Ball Bearing 6205 DD	1	100	Grip	1
47	Bearing Cover	1	101	M8x10 Hex Head Screw	2
48	Hex .Socket Bolt M5x12(12.9)	7	102	M10x120 Long Screw	1
49	Crank Shaft	1	103	Plastic Clip	2
50	Pin Φ5x14	2	104	Side Handle Assy	1
51	Housing Assy	1	105	Function Knob	1
52	O-Ring Φ20xΦ2	1	106	Nut M10x18	1
53	Oil Tank Cover	1	111	Oil Bottle	1
54	Fan Cover	1	112	Side Handle Assy Cover	2

PLEASE READ THE FOLLOWING CAREFULLY

THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE PARTS LIST AND ASSEMBLY DIAGRAM IN THIS MANUAL AS A REFERENCE TOOL ONLY. NEITHER THE MANUFACTURER OR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO MAKE ANY REPAIRS TO THE PRODUCT, OR THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT. IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY CERTIFIED AND LICENSED TECHNICIANS, AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISK AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO, OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO.

Record product's Serial Number Here:

Note: If product has no serial number, record month and year of purchase instead.

Note: Some parts are listed and shown for illustration purposes only, and are not available individually as replacement parts.

Limited 90 Day Warranty

Harbor Freight Tools Co. makes every effort to assure that its products meet high quality and durability standards, and warrants to the original purchaser that this product is free from defects in materials and workmanship for the period of 90 days from the date of purchase. This warranty does not apply to damage due directly or indirectly, to misuse, abuse, negligence or accidents, repairs or alterations outside our facilities, criminal activity, improper installation, normal wear and tear, or to lack of maintenance. We shall in no event be liable for death, injuries to persons or property, or for incidental, contingent, special or consequential damages arising from the use of our product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation of exclusion may not apply to you. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS.

To take advantage of this warranty, the product or part must be returned to us with transportation charges prepaid. Proof of purchase date and an explanation of the complaint must accompany the merchandise.

If our inspection verifies the defect, we will either repair or replace the product at our election or we may elect to refund the purchase price if we cannot readily and quickly provide you with a replacement. We will return repaired products at our expense, but if we determine there is no defect, or that the defect resulted from causes not within the scope of our warranty, then you must bear the cost of returning the product.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.