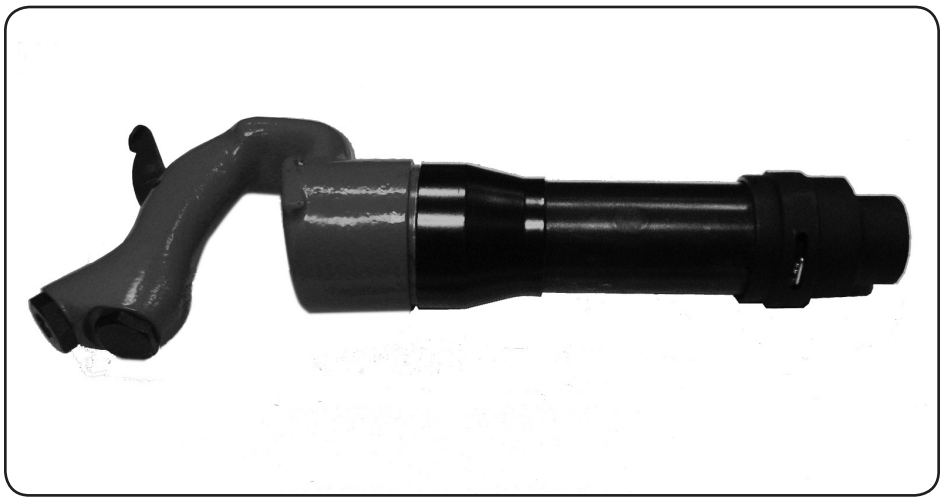
CENTRAL PNEUMATIC®

HEAVY-DUTY AIR CHIPPING HAMMER

Model 99792

SET UP AND OPERATING INSTRUCTIONS



Distributed exclusively by Harbor Freight Tools®.

3491 Mission Oaks Blvd., Camarillo, CA 93011

Visit our website at: http://www.harborfreight.com

Read this material before using this product. Failure to do so can result in serious injury. SAVE THIS MANUAL.

For technical questions or replacement parts, please call 1-800-444-3353.

Manual Revised 11h

CONTENTS

SAVE THIS MANUAL

Keep this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures. Write the product's serial number in the back of the manual near the assembly diagram (or month and year of purchase if product has no number). Keep this manual and the receipt in a safe and dry place for future reference.

Safety Alert Symbol and Signal Words

In this manual, on the labeling, and all other information provided with this product:

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.

⚠DANGER **DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.**

⚠WARNING **WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.**

⚠CAUTION **CAUTION, used with the safety alert symbol, indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.**

NOTICE **NOTICE is used to address practices not related to personal injury.**

CAUTION **CAUTION, without the safety alert symbol, is used to address practices not related to personal injury.**

IMPORTANT SAFETY INSTRUCTIONS

INSTRUCTIONS PERTAINING TO A RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS

WARNING – When using tools, basic precautions should always be followed, including the following:

General

a. **To reduce the risks of electric shock, fire, and injury to persons, read all the instructions before using the tool.**

Work area

a. **Keep the work area clean and well lighted.** Cluttered benches and dark areas increase the risks of electric shock, fire, and injury to persons.

b. **Do not operate the tool in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.** The tool is able to create sparks resulting in the ignition of the dust or fumes.

c. ***Keep bystanders, children, and visitors away while operating the***

tool. Distractions are able to result in the loss of control of the tool.

Personal safety

a. ***Stay alert. Watch what you are doing and use common sense when operating the tool. Do not use the tool while tired or under the influence of drugs, alcohol, or medication.*** A moment of inattention while operating the tool increases the risk of injury to persons.

b. **Dress properly. Do not wear loose clothing or jewelry. Contain long hair. Keep hair, clothing, and gloves away from moving parts.** Loose clothes, jewelry, or long hair increases the risk of injury to persons as a result of being caught in moving parts.

c. **Avoid unintentional starting. Be sure the switch is off before connecting to the air supply.** Do not carry the tool with your finger on the switch or connect the tool to the air supply with the switch on.

d. **Remove adjusting keys and wrenches before turning the tool on.** A wrench or a key that is left attached to a rotating part of the tool increases the risk of personal injury.

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

f.  **Use safety equipment.** A dust mask, non-skid safety shoes and a hard hat must be used for the applicable conditions. Wear heavy-duty work gloves during use.

g.  **Always wear eye protection.** Wear ANSI-approved safety goggles.

h.  **Always wear hearing protection when using the tool.** Prolonged exposure to high intensity noise is able to cause hearing loss.

a. **DANGER! Keep hands and body away from cutting area and chisel. Keep your second hand on auxiliary handle or motor housing.** Contact with the chisel could result in serious injury.

b. **Explore the workarea to avoid contact with hidden wiring or piping.** Thoroughly inspect the workarea for possible hidden wiring or piping before performing work. Contact with live wiring will shock the operator.

Tool use and care

a. ***Use clamps or another practical way to secure and support the workpiece to a stable platform.*** Holding the work by hand or against the body is unstable and is able to lead to loss of control.

b. **Do not force the tool.** Use the correct tool for the application. The correct tool will do the job better and safer at the rate for which the tool is designed.

c. **Do not use the tool if the switch does not turn the tool on or off.** Any tool that cannot be controlled with the switch is dangerous and must be repaired.

d. **Disconnect the tool from the air source before making any adjustments, changing accessories, or storing the tool.** Such preventive safety measures reduce the risk of starting the tool unintentionally. Turn off and detach the air supply, safely discharge any residual air pressure, and release the throttle and/or turn the switch to its off position before leaving the work area.

e. ***Store the tool when it is idle out of reach of children and other untrained persons.*** A tool is dangerous in the hands of untrained users.

f. **Maintain the tool with care.** Keep a cutting tool sharp and clean. A properly maintained tool, with sharp cutting edges reduces the risk of binding and is easier to control.

g. **Check for misalignment or binding of moving parts, breakage of parts, and any other condition that affects the tool's operation.** If damaged, have the tool serviced before using. Many accidents are caused by poorly maintained tools. There is a risk of bursting if the tool is damaged.

h. **Use only accessories that are identified by the manufacturer for the specific tool model.** Use of an accessory not intended for use with the specific tool model, increases the risk of injury to persons.

Service

a. ***Tool service must be performed only by qualified repair personnel.***

b. **When servicing a tool, use only identical replacement parts. Use only authorized parts.**

c. **Use only the lubricants supplied with the tool or specified by the manufacturer.**

Air source

a.  **Never connect to an air source that is capable of exceeding 90 psi.** Over pressurizing the tool may cause bursting, abnormal operation, breakage of the tool or serious injury to persons. Use only clean, dry, regulated compressed air at the rated pressure or within the rated pressure range as marked on the tool. Always verify prior to using the tool that the air source has been adjusted to the rated air pressure or within the rated air-pressure range.

b. ***Never use oxygen, carbon dioxide, combustible gases or any bottled gas as an air source for the tool.*** Such gases are capable of explosion and serious injury to persons.

 **SAVE THESE INSTRUCTIONS.**

SYMBOLS AND SPECIFIC SAFETY INSTRUCTIONS

Symbol Definitions

Symbol	Property or statement
n_o	No-load speed
.../min	Revolutions or reciprocation per minute
PSI	Pounds per square inch of pressure

Chart continued in next column.

Symbol Definitions

Symbol	Property or statement
ft-lb	Foot-pounds of torque
BPM	Blows per minute
CFM	Cubic Feet per Minute flow
SCFM	Cubic Feet per Minute flow at standard conditions
NPT	National pipe thread, tapered
NPS	National pipe thread, straight
	WARNING marking concerning Risk of Eye Injury. Wear ANSI-approved eye protection.
	WARNING marking concerning Risk of Hearing Loss. Wear hearing protection.
	WARNING marking concerning Risk of Respiratory Injury. Wear NIOSH-approved dust mask/respirator.
	WARNING marking concerning Risk of Explosion.

Specific Safety Instructions

1. Always disconnect tool from its compressed air supply source before performing any services or maintenance, Such as cleaning the tool, moving to a different work location, handing the tool to another person, etc.

Caution: After disconnecting the TOOL from the air compressor, the TOOL may still be pressurized. Point the TOOL onto an extra piece of work surface and depress the trigger until all pressure is released. Also:

a. Never use combustible gas as a power source.

b. Never operate this tool at greater than 90 PSI operating pressure.

Warning: People with pacemakers should consult their physician(s) before using this product; operation of equipment in close proximity to a heart pacemaker could cause interference or failure of the pacemaker.

2. Your 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.

3. The warnings and precautions discussed in this 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.

4. 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, 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 lumber

   Your 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.*)
WARNING: The brass components of this product contain lead, a chemical known to the State of California to cause birth defects (or other reproductive harm). (California Health & Safety code § 25249.5, *et seq.*)

5. Only use with accessories rated to handle the forces exerted by this tool during operation. Other accessories not designed for the forces generated may break and forcefully launch pieces.

6. Attach all accessories properly to the tool before connecting the air supply. A loose accessory may detach or break during operation.

7. Obey the manual for the air compressor used to power this tool.

8. Install an in-line shutoff valve to allow immediate control over the air supply in an emergency, even if a hose is ruptured.

9. Use this tool with both hands only. Using tools with only one hand can result in loss of control.

10. Do not lay the tool down until it has come to a complete stop. Moving parts can grab the surface and pull the tool out of your control.

Vibration Precautions

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 medical or physical 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 between different processes.

5. Include vibration-free periods each work day.

6. Grip tool as lightly as possible (while still keeping safe control of it). Let the tool do the work.

7. To reduce vibration, maintain tool as explained in this manual. If abnormal vibration occurs, stop immediately.

SAVE THESE INSTRUCTIONS.

FUNCTIONAL DESCRIPTION

Specifications

Chipping Rate	1800 Blows per Minute
Chisel Shank Diameter	11/16"
Operating Pressure	90 PSI
Air Inlet	3/8" - 18 NPT
Air Consumption	20 CFM (Continuous) 10 CFM (Intermittent)
Overall Length	17"
Net Weight	17.5Lbs

* Maximum speed at stated maximum air pressure. Excess air pressure is hazardous and may cause the tool to exceed stated maximum speed.

INITIAL TOOL SET UP/ ASSEMBLY

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 the Assembly Diagram near the end of this manual.

Unpacking

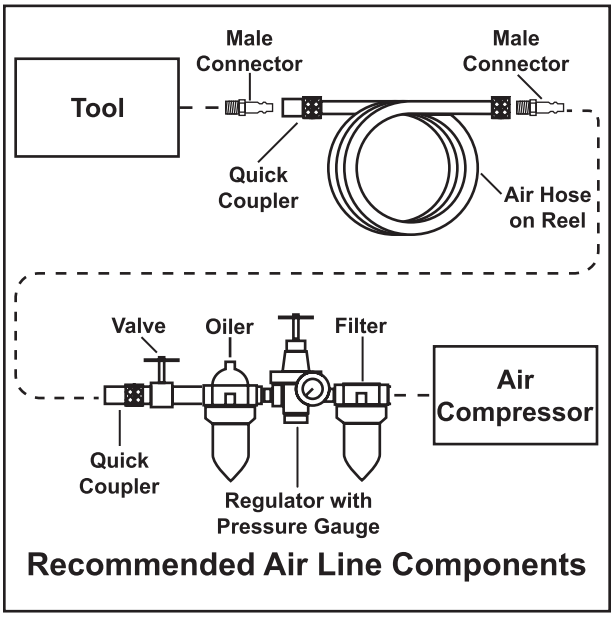
When unpacking, make sure that the item is intact and undamaged. If any parts are missing or broken, please call Harbor Freight Tools at the number shown throughout the manual as soon as possible.

- This air tool may be shipped with a protective plug covering the air inlet. Remove this plug before set up.

Air Supply

WARNING **TO PREVENT EXPLOSION:**

Use only clean, dry, regulated, compressed air to power this tool. Do not use oxygen, carbon dioxide, combustible gases, or any other bottled gas as a power source for this tool.



Recommended Air Line Components

1. Incorporate an in-line oiler, shut-off valve, regulator with pressure gauge, and filter for best service, as shown in the diagram above. **An in-line shut-off valve is an important safety device because it controls the air supply even if the air hose is ruptured.**

Note: If an automatic oiler system is not used, add a few drops of Pneumatic Tool Oil to the airline connection before operation. Add a few more drops after each hour of continual use.

2. Attach an air hose to the compressor's air outlet. Connect the air hose to the air inlet of the tool. Other components, such as a connector and

quick coupler, will make operation more efficient, but are not required.

⚠**WARNING! TO PREVENT SERIOUS INJURY FROM ACCIDENTAL OPERATION:**
Do not install a female quick coupler on the tool. Such a coupler contains an air valve that will allow the air tool to retain pressure and operate accidentally after the air supply is disconnected.

Note: Air flow, and therefore tool performance, can be hindered by undersized air supply components.

3. The air hose must be long enough to reach the work area with enough extra length to allow free movement while working.

4. Make sure the tool's throttle or switch is in the off position; refer to Operation section for description of controls.

5. Close the in-line safety valve between the compressor and the tool.

6. Turn on the air compressor according to the manufacturer's directions and allow it to build up pressure until it cycles off.

7. Adjust the air compressor's output regulator so that the air output is enough to properly power the tool, but the output shall not exceed the tool's maximum air pressure at any time. Adjust the pressure gradually, while checking the air output gauge to set the right pressure value.

8. Inspect the air connections for leaks. Repair any leaks found.

9. If the tool will not be used at this time, turn off and detach the air supply, safely discharge any residual air pressure, and release the throttle and/or turn the compressor switch to its off position to prevent accidental operation.

Installing a Chisel

Note: All part numbers refer to the Assembly Diagram and Parts List on Pages 16 and 17.

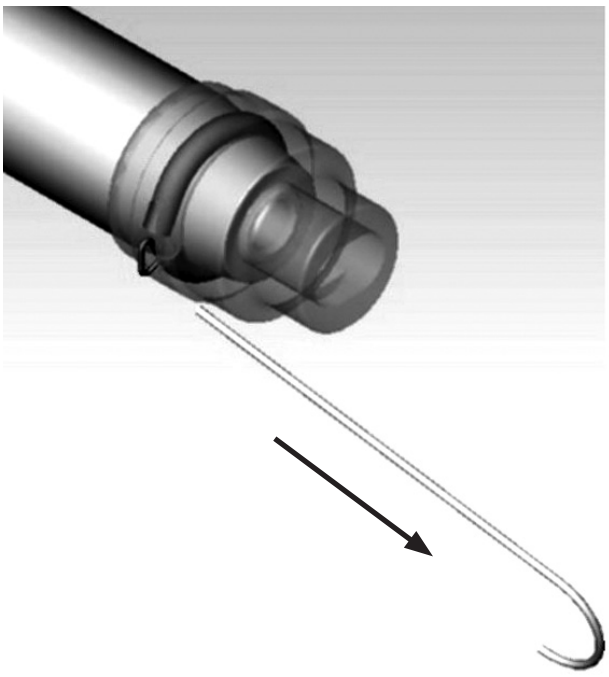


Fig. 1

1. To install a Chisel (not included but are offered exclusively from Harbor Freight Tools), first determine which type of Chisel is appropriate for job at hand.
   a. For chipping in straight lines, you should use a Flat Tip Chisel.
   b. For breaking up concrete, use a Pointed Tip Chisel.

2. As shown (see Fig. 1), using a wire or screw driver or simply your fingers to

pull out the Lockcoil Spring (17) from the Retaining Sleeve (16). This spring is designed as a locking device. Then remove the Retaining Sleeve (16) from the hammer.

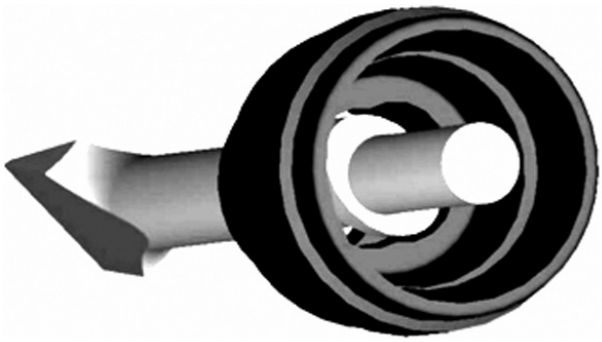


Fig. 2

3. Put the spring aside. Lubricate the top edge of the chisel shank chamfer with oil or light grease and then insert the chisel from the ellipse opening of the Retaining Sleeve (16). (See Fig. 2.)

4. During usage, the Retaining Sleeve (16) ledge may be slightly elongated, preventing insertion of the chisel into the Retaining Sleeve. It may require some force to get the Chisel's lobes past this point and to slide into the chisel mounting channel.

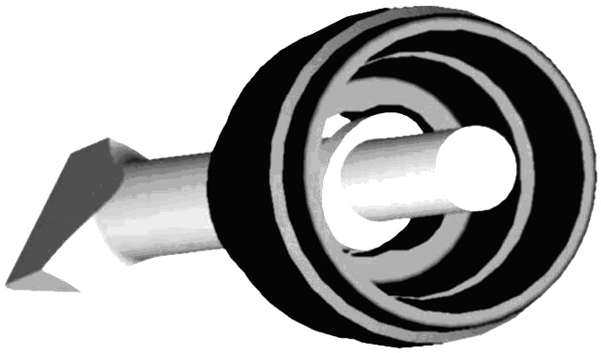


Fig. 3

5. Turn the chisel 90º and let the flange of the chisel rest on the bottom of the ellipse slot as shown. (See Fig. 3.).

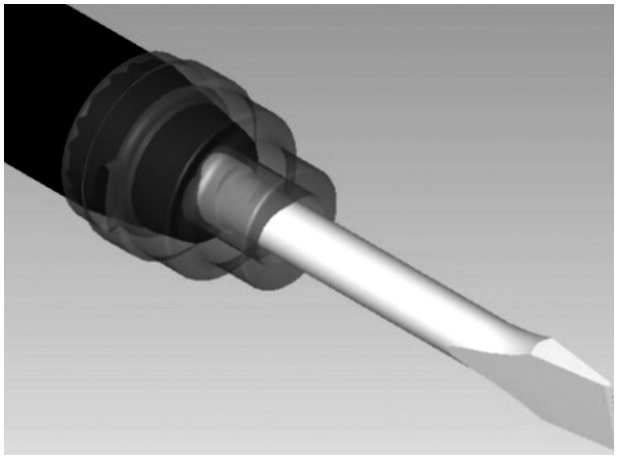


Fig. 4

6. Align the chisel shank to the hole on the hammer's Cylinder (18) and attach the Chisel and Retaining Sleeve to the hammer body as shown. (See Fig. 4.)

7. There is an O-Ring (9) inside the channel about half way down. The chisel may stop here. Apply a little more force to push the chisel past the O-ring, and into the channel.

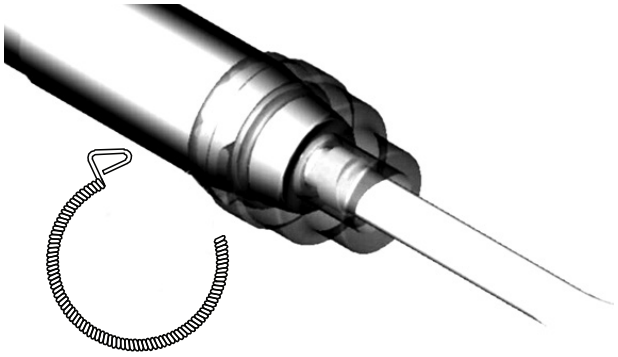


Fig. 5

8. Re-insert the Lockcoil Spring (17) all the way into the slot on the sleeve with only the triangular wire ring left outside (see Fig. 5). Pull on the chisel vigorously to make sure the chisel is securely locked into the Retaining Sleeve (16) before attaching the Chipper Hammer to an air source.

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.

Inspect tool before use, looking for damaged, loose, and missing parts. If any problems are found, do not use tool until repaired.

Work Piece and Work Area Set Up

1. Designate a work area that is clean and well-lit. The work area must not allow access by spectators, children or pets to prevent injury and distraction.

2. Route the air hose along a safe route to reach the work area without creating a tripping hazard or exposing the air hose to possible damage. The air hose must be long enough to reach the work area with enough extra length to allow free movement while working.

3. There must not be hazardous objects (such as utility lines or foreign objects) nearby that will present a hazard while working.

General Operating Instructions

1. If an automatic oiler is not used, add a few drops of Pneumatic Tool Oil to the airline connection before use. Add a few drops more after each hour of continual use.

2. Always wear ANSI-approved safety goggles and full face shield, dust mask along with ear protection when operating the Chipping Hammer.

3. Be aware of flying concrete chips. Keep all spectators clear of the work area.

4. Do not operate this tool if you have back, neck, wrist or other conditions or injuries that will be aggravated by the severe jerking forces that this tool exerts upon its operator.

5. Use the weight of the Chipping Hammer to your advantage while breaking up concrete. Keep the tool in a vertical position whenever possible.

Warning: If the Chipping Hammer should ever gets out of control, release the Throttle Lever immediately.

Note: This tool is intended to break up larger pieces of concrete only.

Chipping in a Straight line:

1. Use chalk or some other suitable writing material, mark your work surface to delineate the area you intend to chip.
2. Once the Hammer is attached to the Air Compressor as described in the instructions, place the Chisel along one of the marked lines. Hold the Chipping Hammer firmly with both hands.
3. To begin chipping, depress the Throttle Lever (6) with your thumb.
4. As the Chipping Hammer breaks through the top layer of concrete, press down on the Chipping Hammer to break up the sections below the surface as well.
5. Keep moving the Chipping Hammer along the line you want to section, breaking the concrete as you go. If the Chipping Hammer jumps out of the designated area, release the Throttle Lever and reposition the Chisel back inside the line.
6. Continue to chip the concrete along the marked line until the entire area has been sectioned.
7. When done chipping, release the Throttle Lever and allow the tool to stop.

Breaking up Concrete:

1. Place the Bit on the center of the piece of concrete. Hold the Chipping Hammer firmly with both hands.
2. Depress the Throttle Lever with your thumb to activate the Chipping Hammer.
3. As the chipping action begins to break the chunks of concrete, release the Throttle Lever to stop the Chipping Hammer, and reposition the Chisel on larger pieces. Do not attempt to break up small pieces with this tool; the chipping rate of 1800 blows per minute is too aggressive for breaking up small pieces of concrete.
4. If the tool requires more force to accomplish the task, verify that the tool receives sufficient, unobstructed airflow (CFM) and increase the pressure (PSI) output of the regulator up to the maximum air pressure rating of this tool.
   CAUTION! TO PREVENT TOOL AND ACCESSORY FAILURE, RESULTING IN INJURY:
   Do not exceed the tool's maximum air pressure rating.
   If the tool still does not have sufficient force at maximum pressure and airflow, then a larger tool may be required.
5. To prevent accidents, turn off the tool, detach the air supply, safely discharge any residual air pressure in the tool. Wipe external surfaces of the tool with clean, dry cloth, and apply a thin coat of tool oil. Then store the tool indoors out of children's reach.

USER-MAINTENANCE INSTRUCTIONS

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

⚠WARNING TO PREVENT SERIOUS INJURY FROM ACCIDENTAL OPERATION:
Turn off the tool, detach the air supply, safely discharge any residual air pressure in the tool, and release the throttle and/or turn the switch to its off position before performing any inspection, maintenance, or cleaning procedures.

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

TO PREVENT EXPLOSION:
Lubricate the tool only with specified lubricants. Lubricate the air inlet using only pneumatic tool oil. Lubricate the internal mechanism using only white lithium grease. Other lubricants may damage the mechanism and may be highly flammable, causing an explosion.

Cleaning, Maintenance, and Lubrication

Note: Your Chipping Hammer will perform best and require minimal maintenance when connected to an Airline Oiler as shown on Page 8. If you do not use an Airline Oiler, follow the routine maintenance steps below.

Note: These procedures are in addition to the regular checks and maintenance explained as part of the regular operation of the air-operated tool.

1. Chisels designed specifically to be used with this product are sold exclusively through Harbor Freight Tools.

2. **Daily - Air Supply Maintenance:** Every day, perform maintenance on the air supply according to the component manufacturers' instructions. The lubricator's oil level needs to be maintained and the moisture filter must be regularly drained. Performing routine maintenance on the air supply will allow the tool to operate more safely and will also reduce wear on the tool.

3. **Quarterly (every 3 months) - Tool Disassembly, Cleaning, and Inspection:** Have the internal mechanism cleaned, inspected, and lubricated by a qualified technician.

Troubleshooting

Problem	Possible Causes	Likely Solutions
Decreased output.	1. Not enough air pressure and/ or air flow.	1. Check for loose connections and make sure that air supply is providing enough air flow (CFM) at required pressure (PSI) to the tool's air inlet. **Do not exceed maximum air pressure.**
	2. Obstructed trigger.	2. **Clean around trigger to ensure free movement.**
	3. Incorrect lubrication or not enough lubrication.	3. Lubricate using air tool oil and grease according to directions.
	4. Blocked air inlet screen (if equipped).	4. Clean air inlet screen of buildup.
	5. Air leaking from loose housing.	5. Make sure housing is properly assembled and tight.
	6. Mechanism contaminated.	6. Have qualified technician clean and lubricate mechanism. Install in-line filter in air supply as stated in Initial Set Up: Air Supply.
	7. Chisel edge is damaged.	7. Replace with a new chisel do not sharpen.
Housing heats during use.	1. Incorrect lubrication or not enough lubrication.	1. Lubricate using air tool oil and grease according to directions.
	2. Worn parts.	2. Have qualified technician inspect internal mechanism and replace parts as needed.
Severe air leakage. (Slight air leakage is normal, especially on older tools.)	1. Cross-threaded housing components.	1. Check for incorrect alignment and uneven gaps. If cross-threaded, disassemble and replace damaged parts before use.
	2. Loose housing.	2. Tighten housing assembly. If housing cannot tighten properly, internal parts may be misaligned.
	3. Damaged valve or housing.	3. Replace damaged components.
	4. Dirty, worn or damaged valve.	4. Clean or replace valve assembly.

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

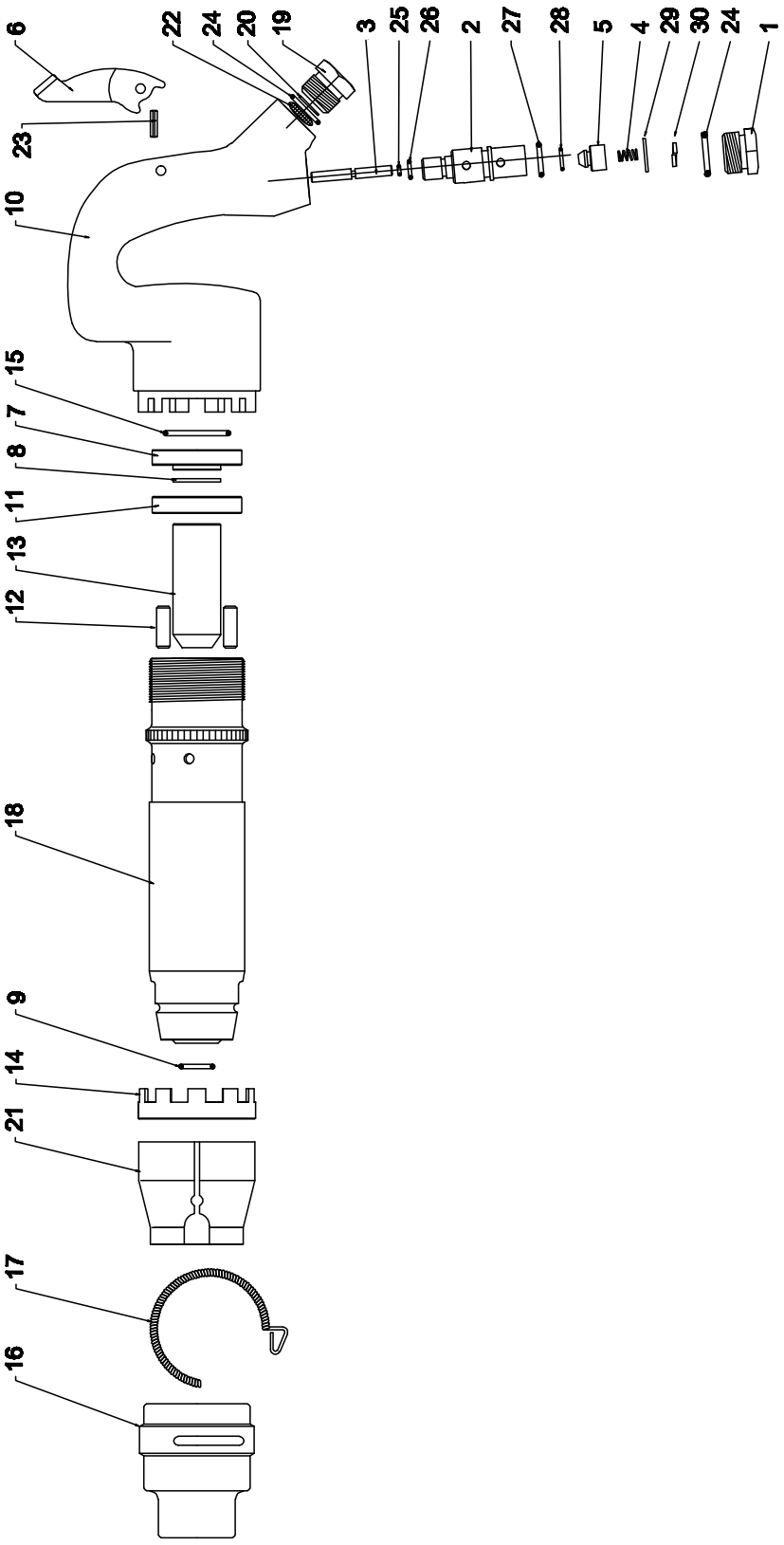
PLEASE READ THE FOLLOWING CAREFULLY

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.

PARTS LIST

Part	Description	Qty
1	Throttle Valve Plug	
2	Bushing	
3	Throttle Valve	
4	Valve Spring	
5	Throttle Valve Base	
6	Throttle Lever	
7	Upper Valve Case Lid	
8	Valve	
9	O-Ring	
10	Handle	
11	Lower Valve Case Lid	
12	Dowel Pin	
13	Piston	
14	Lock	
15	O-Ring	
16	Retaining Sleeve	
17	Lockcoil Spring	
18	Cylinder	
19	Permanent Bushing	
20	Screen Retainer	
21	Lock Shield	
22	Mesh Screen	
23	Throttle Lever Pin	
24	O-Ring	
25	O-Ring	
26	O-Ring	
27	O-Ring	
28	O-Ring	
29	Washer	
30	Spring Washer	

ASSEMBLY DIAGRAM



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.

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.