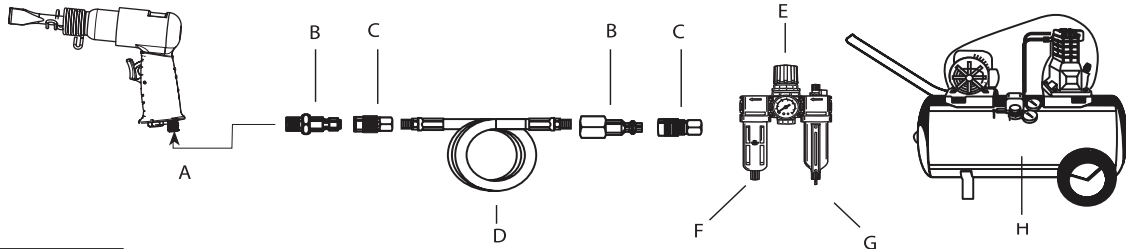


Air Hammer is designed for chipping, trimming, riveting, cutting, piercing and peening.

CONNECTING TO THE AIR SUPPLY

- Always use clean dry air. Excessive moisture and dirt will greatly reduce the life of any air motor. We recommend the installation of an in-line filter-regulator-lubricator as close to the tool as possible.
- Ensure all hoses and fittings are the correct size and secured tightly.

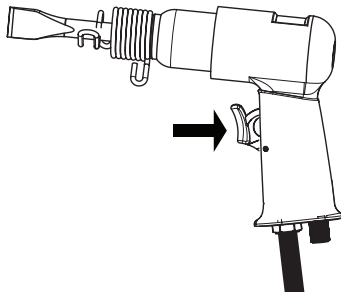
Recommended Air Line Set-Up			
Part	Description	Part	Description
A	Air Hammer	E	In-line Regulator
B	Quick Plug	F	In-line Lubricator
C	Quick Coupler	G	In-line Filter
D	Air Hose	H	Air Compressor



OPERATION

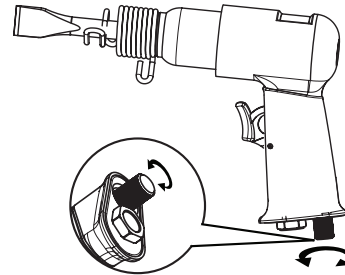
1 Operating the hammer

- This Short Stroke Air Hammer is designed to operate on 90 PSIG. Lower pressure (below 90 PSIG) will reduce performance of the tool. Higher air pressure (over 90 PSIG) raises the performance of the tool beyond its rated capacity and could cause serious damage to the tool and the user.



2 Changing the BPM

- This tool features an air regulator to adjust the BPM (blows per minute). Rotate the air regulator clockwise to decrease the BPM and counterclockwise to increase the BPM.



3 Installing and removing the chisel



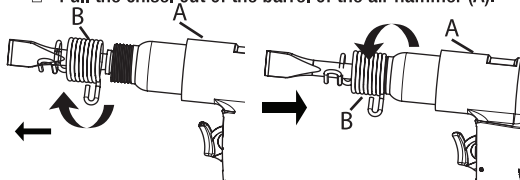
WARNING: Disconnect the tool from the air supply before servicing or changing accessories. Ensure that the chisel is between the barrel and the retaining part of the spring during the operation. Failure to follow this may result in serious damage to the tool or injury to the operator.

To install the chisel and spring retainer:

- Select the suitable shape chisel and insert the chisel into the barrel bore of the air hammer (A).
- Thread the spring retainer (B) clockwise to the end of the barrel of the air hammer (A). Ensure that all the threads have been fully engaged to allow the spring retainer to rest against the chisel.

To remove the chisel and spring retainer:

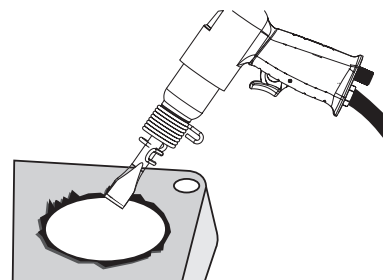
- Rotate the spring counterclockwise to remove the spring retainer (B).
- Pull the chisel out of the barrel of the air hammer (A).



4 Using the air hammer

Chipping, Trimming, Riveting, Cutting, Piercing and Peening

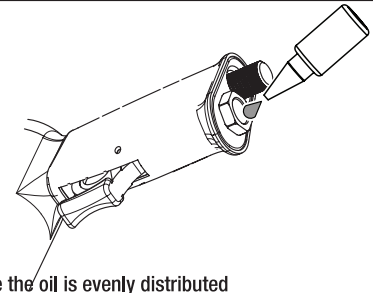
- Connect the air source, fit the chisel and retainer spring, and then run the tool.
- Always hold the chisel to the work surface when operating the tool.



- Always Wear Approved Eye Protection
- Hearing Protection is Recommended
- Avoid Prolonged Exposure to Vibration
- 90 PSI Maximum Air Pressure

LUBRICATION

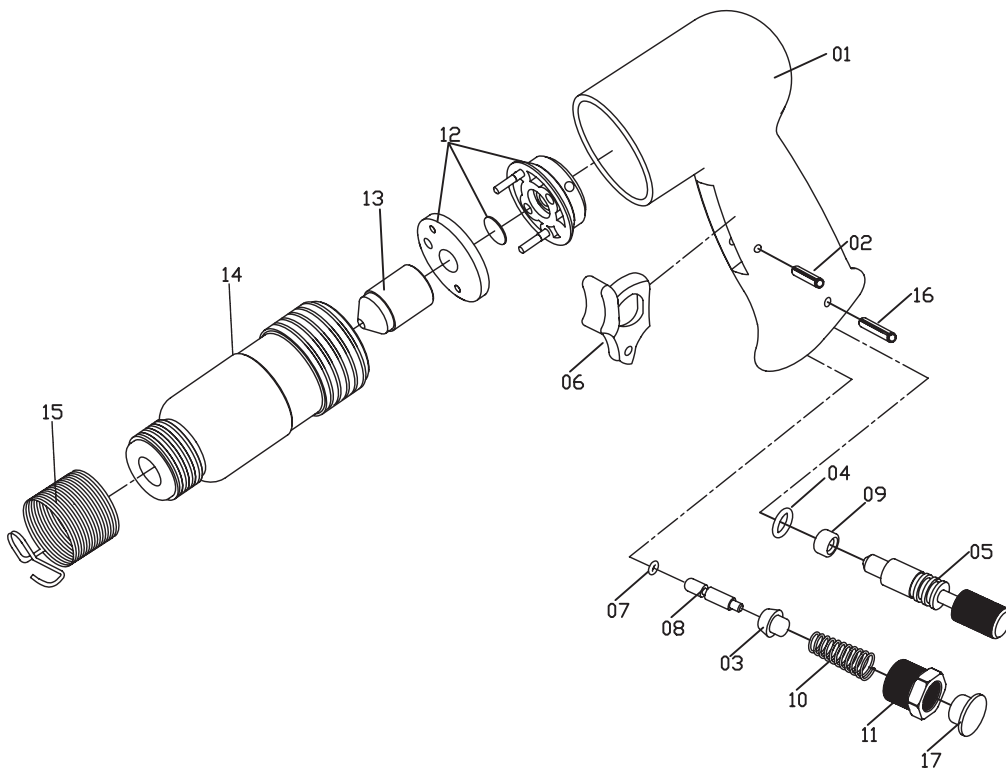
- An in-line filter-regulator-lubricator is recommended as it increases tool life and keeps the tool in sustained operation.
- Regularly check and fill the in-line lubricator with air tool oil. Avoid using excessive amounts of oil.
- Adjust the in-line lubricator by placing a sheet of paper next to the tool's exhaust ports and holding the throttle open approximately 30 seconds. The lubricator is properly set when a light stain of oil collects on the paper.
- If it is necessary to store the tool for an extended period of time (overnight, weekend, etc.), generously lubricate the tool through the air inlet. Run the tool for approximately 30 seconds to ensure the oil is evenly distributed throughout the tool. Store the tool in a clean and dry environment.
- Recommended lubricants: Air tool oil or any other high grade turbine oil containing moisture absorbent, rust inhibitors, metal wetting agents, and an EP (extreme pressure) additive.



SPECIFICATIONS

Free Speed (BPM)	Weight (lbs)	Length (in)	Air Cons. (SCFM)	Maximum Operating Pressure (PSI)
4,500	2.4	5.70	4	90

SERVICE PARTS



Reference Number	Description
1	Housing
2	Trigger Pin
3	Plastic Valve
4	O-Ring (2)
5	Air Regulator
6	Trigger Button
7	O-Ring
8	Valve Stem
9	Plastic Plug
10	Spring

Reference Number	Description
11	Air Inlet
12	Valve Block Assembly
13	Piston
14	Cylinder
15	Retainer Spring
16	Pin
17	Plastic Plug