

SEARS

General Manual

**Model No.
919.19007**



Air Tool Set

IMPORTANT:
Read the Safety Guidelines
and All Instructions Carefully
Before Operating

- **SAFETY GUIDELINES**
- **OPERATION**

Sears Roebuck and Co., Hoffman Estates, IL 60179 U.S.A.

D21543 Rev. 0 7/14/00

SAFETY GUIDELINES - DEFINITIONS

This manual contains information that is important for you to know and understand. This information relates to protecting **YOUR SAFETY** and **PREVENTING EQUIPMENT PROBLEMS**. To help you recognize this information, we use symbols to the right. Please read the manual and pay attention to these sections.

⚠ DANGER

URGENT SAFETY INFORMATION - A HAZARD THAT WILL CAUSE SERIOUS INJURY OR LOSS OF LIFE.

⚠ CAUTION

Information for preventing damage to equipment.

⚠ WARNING

IMPORTANT SAFETY INFORMATION - A HAZARD THAT *MIGHT* CAUSE SERIOUS INJURY OR LOSS OF LIFE.

NOTE

Information that you should pay special attention to.

WARRANTY

This product is covered by a one year limited warranty. The warranty can be found on the back cover.

SAVE!




IMPORTANT SAFETY INSTRUCTIONS





SAVE!



⚠ WARNING

IMPROPER OPERATION OR MAINTENANCE OF THIS PRODUCT COULD RESULT IN SERIOUS INJURY AND PROPERTY DAMAGE. READ AND UNDERSTAND ALL WARNINGS AND OPERATING INSTRUCTIONS BEFORE USING THIS EQUIPMENT. WHEN USING AIR TOOLS, BASIC SAFETY PRECAUTIONS SHOULD ALWAYS BE FOLLOWED TO REDUCE THE RISK OF PERSONAL INJURY.

HAZARD	WHAT COULD HAPPEN	HOW TO PREVENT IT
<p>⚠ WARNING</p> <p>RISK OF EYE OR HEAD INJURY</p> 	<ul style="list-style-type: none"> Air powered equipment and power tools are capable of propelling materials such as metal chips, saw dust, and other debris at high speed, which could result in serious eye injury. Compressed air can be hazardous. The air stream can cause injury to soft tissue areas such as eyes, ears, etc. Particles or objects propelled by the stream can cause injury. Tool attachments can become loose or break and fly apart propelling particles at the operator and others in the work area. 	<ul style="list-style-type: none"> Always wear ANSI approved Z87.1 safety glasses with side shields. Never leave operating tool unattended. Disconnect air hose when tool not in use. For additional protection use an approved face shield in addition to safety glasses.
<p>RISK OF FIRE OR EXPLOSION</p> 	<ul style="list-style-type: none"> Abrasive tools such as sanders and grinders, rotating tools such as drills, and impact tools such as wrenches are capable of generating sparks which could result in ignition of flammable materials. Exceeding the maximum pressure rating of tools or accessories could cause an explosion resulting in serious injury. 	<ul style="list-style-type: none"> Make sure that any attachments are securely assembled. Never operate tools near flammable substances such as gasoline, naphtha, cleaning solvents, etc. Work in a clean, well ventilated area free of combustible materials. Use compressed air regulated to a maximum pressure at or below the rated pressure of any attachments.
<p>RISK OF LOSS OF HEARING</p> 	<ul style="list-style-type: none"> Long term exposure to noise produced from the operation of air tools can lead to permanent hearing loss. 	<ul style="list-style-type: none"> Always wear ANSI S3.19 hearing protection.

HAZARD	WHAT COULD HAPPEN	HOW TO PREVENT IT
<p>⚠ WARNING RISK TO BREATHING INHALATION HAZARD</p> 	<ul style="list-style-type: none"> • Abrasive tools, such as grinders and sanders generate dust and abrasive materials which can be harmful to human lungs and respiratory system. • Some materials such as adhesives and tar, contain chemicals whose vapors could cause serious injury with prolonged exposure. 	<ul style="list-style-type: none"> • Always wear MSHA/NIO5H approved, properly fitting face mask or respirator when using such tools. • Always work in a clean, dry, well ventilated area.
<p>RISK OF INJURY</p> 	<ul style="list-style-type: none"> • Tools left unattended, or with the air hose attached can be activated by unauthorized persons leading to their injury or injury to others. • Power tools can throw materials through out the work area. • Power tools can become activated by accident during maintenance or tool changes. • Power tools can cause the workpiece to move upon contact leading to injury. • Loss of control of the tool can lead to injury to self or others. • Poor quality, improper, or damaged tools such as grinding wheels, chisels, sockets, drills, etc., can fly apart during operation, propelling particles throughout the work area. 	<ul style="list-style-type: none"> • Remove air hose when tool is not in use and store tool in secure location away from reach of children. • Keep work area clean and free of clutter. Keep children and others away from work area during operation of the tool. • Keep work area well lit. • Remove air hose to lubricate or add grinders, sanding discs, drills, etc. to the tool. • Never carry the tool by the hose. • Avoid unintentional starting. Don't carry hooked-up tool with finger on trigger. • Repair servicing should be done only by an authorized service representative. • Clamps or other devices to prevent movement. • Never operate tool while under the influence of drugs or alcohol. • Don't overreach. Keep proper footing and balance at all times. • Keep handles dry, clean, and free from oil and grease. • Stay alert. Watch what you are doing. Use common sense. Do not operate tool when you are tired. • Always use tool attachments rated for the speed of the power tool. • Never use tools which have been dropped, impacted or damaged by use. • Use only impact grade sockets on an impact wrench. • Do not apply excessive force to the tool – let the tool perform the work.
<p>RISK OF ENTANGLEMENT</p> 	<ul style="list-style-type: none"> • Tools which contain moving elements, or drive other moving tools, such as grinding wheels, sockets sanding discs, etc. can become entangled in clothing, jewelry and other loose objects, resulting in severe injury. 	<ul style="list-style-type: none"> • Never wear loose fitting clothes, or apparel which contains loose straps or ties, etc. which could become entangled in moving parts of the tool. • Remove any jewelry, watches, identifications, bracelets, necklaces, etc. which might become caught by the tool. • Keep hands away from moving parts. Tie up or cover long hair.
<p>RISK OF CUT OR BURNS</p> 	<ul style="list-style-type: none"> • Tools which cut, shear, drill, punch, chisel, etc. are capable of causing serious injury. 	<ul style="list-style-type: none"> • Keep the working part of the tool away from hands and body.

MODEL 919.19009

1/2" IMPACT WRENCH

SPECIFICATION CHART

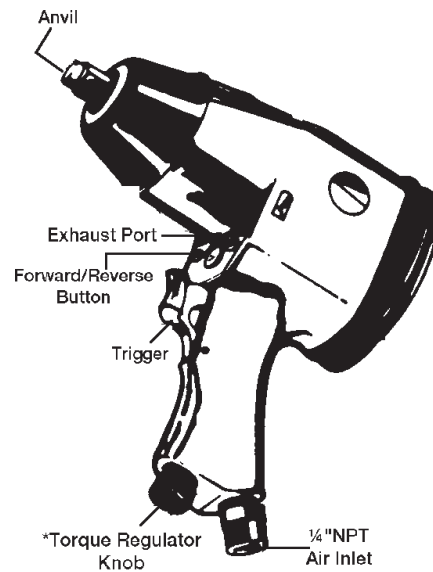
Torque	230 ft./lbs. @ 7000 RPM's
Maximum Working Pressure	90 PSI
Air Inlet	1/4" NPT
Recommended Hose Size	3/8" I.D.
Minimum CFM Required @ 90 PSI	8 CFM (25% usage)



TORQUE REGULATOR KNOB

- #1 Approximately 150 ft./lbs. Torque
- #2 Approximately 190 ft./lbs. Torque
- #3 Approximately 210 ft./lbs. Torque
- #4 Approximately 230 ft./lbs. Torque

These torque valves can vary depending on the size of the air compressor and the cubic feet of air (CFM) that the compressor puts out.



OPERATING INFORMATION

Lubrication

Air tools require lubrication throughout the life of the tool. The air motor and bearing uses compressed air to power the tool. Because moisture in compressed air will rust the air motor, you must lubricate the motor daily. An inline oiler is recommended.

To lubricate the air motor manually:

1. Disconnect the tool from the air supply holding it so the air inlet faces up
2. Hold the trigger down and put one teaspoon of air tool oil in the air inlet (use SAE #10 weight oil if air tool oil is not available). Holding the trigger down helps circulate oil in the motor.
3. Connect the tool to an air source, cover the exhaust port with a towel and run for a few seconds.

⚠ WARNING

Any excess oil in the motor is immediately expelled from the exhaust port. Always direct exhaust port away from people or objects.

**Failure to lubricate the tool at the air inlet will void your warranty.*

Air Supply

Recommended Air Compressor: 3/4 HP tank for intermittent use - 1.5 HP or larger for heavier duty use.

Air hose should be at least 3/8" I.D.

Pipe and fittings between compressor and air hose should be at least 1/2" nominal size. (5/8 I.D.). Be sure piping is free of droops and sags where moisture can accumulate.

****The use of air filters and air line lubricators is recommended.***

Operation

Before each use, drain water out of air compressor tank and condensation from air lines. After clearing air compressor moisture and lubricating tool, connect tool to an air hose of recommended size. Check air pressure. This tool operates at a maximum **90 PSI** pressure.

Set torque regulator, see chart, to set the desired setting to avoid over tightening and possible damage. Forward and reverse direction are controlled by pushing the button noted. Depress the trigger to operate tool.

Impact wrench sockets and accessories must be used with this tool. Do not use hand sockets and accessories.

MODEL 919.19008

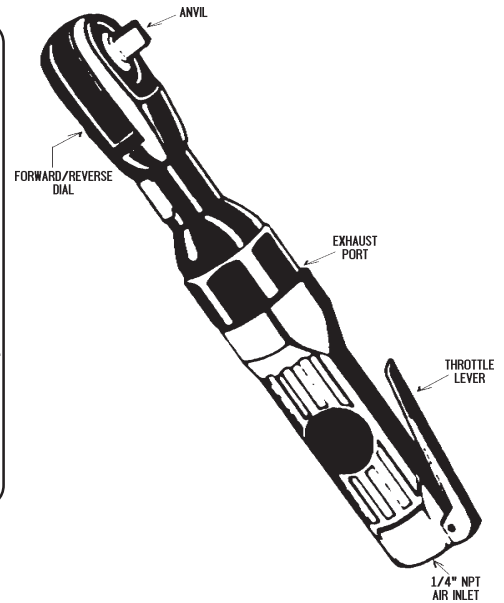
3/8" AIR RATCHET WRENCH

SPECIFICATION CHART

Free Speed	150 RPM (Forward/Reverse)
Maximum Working Pressure	90 PSI
Air Inlet	1/4" NPT
Recommended Hose Size	3/8" I.D.
Minimum CFM Required @ 90 PSI	5.5 CFM (25% usage)
Torque Delivered @ 150 RPMS	45 Ft./Lbs.

CAUTION

Follow instructions for lubricating and changing accessories.
Maintain tools with care.



OPERATING INFORMATION

Lubrication

Air tools require lubrication throughout the life of the tool. The air motor and bearing uses compressed air to power the tool. Because moisture in compressed air will rust the air motor, you must lubricate the motor daily. An inline oiler is recommended.

To lubricate the air motor manually:

1. Disconnect the tool from the air supply holding it so the air inlet faces up
2. Hold the throttle lever down and put one drop of air tool oil in the air inlet (use SAE #10 weight oil if air tool oil is not available). Holding the throttle lever down helps circulate oil in the motor.
3. Connect the tool to an air source, cover the exhaust port with a towel and run for a few seconds.

WARNING

ANY EXCESS OIL IN THE MOTOR IS IMMEDIATELY EXPELLED FROM THE EXHAUST PORT. ALWAYS DIRECT EXHAUST PORT AWAY FROM PEOPLE OR OBJECTS.

**Failure to lubricate the tool at the air inlet will void your warranty.*

Air Supply

Recommended Air Compressor: 1 HP tank for intermittent use - 1.5 HP or larger for heavier duty use.

Air hose should be at least 3/8" I.D.

Pipe and fittings between compressor and air hose should be at least 1/2" nominal size. (5/8 I.D.). Be sure piping is free of droops and sags where moisture can accumulate.

****The use of air filters and air line lubricators is recommended.***

Operation

Before each use, drain water out of air compressor tank and condensation from air lines. After clearing air compressor moisture and lubricating tool, connect tool to an air hose of recommended size. Check air pressure. This tool operates at a maximum **90 PSI** pressure.

The throttle control lever provides instant response when depressed. The reverse button is located in the ratchet housing and determines the direction of rotation. When driving a fastener to the point that the ratchet stalls, further tightening can be accomplished by operating the air ratchet in the same manner as a manually operated ratchet.

Impact wrench sockets and accessories must be used with this tool. Do not use hand sockets and accessories.

SERVICE NOTES

SERVICE NOTES

SEARS

General Manual

**MODEL NO.
919.19007**

FULL ONE YEAR WARRANTY AIR TOOL

If this air tool fails due to a defect in material or workmanship within one year from the date of purchase, **RETURN IT TO THE NEAREST SEARS STORE/SERVICE CENTER THROUGHOUT THE UNITED STATES AND SEARS WILL AT ITS OPTION REPAIR OR REPLACE IT FREE OF CHARGE.**

If this air tool is used for commercial or rental purposes, the warranty will apply for ninety days from the date of purchase.

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



Companion Air Tool Set

For the repair or replacement parts you need

Call 7 am - 7 pm, 7 days a week

1-800-366-PART

(1-800-366-7278)



For in-home major brand repair service

Call 24 hours a day, 7 days a week

1-800-4-REPAIR

(1-800-473-7247)



For the location of a
Sears Parts and Repair Center in your area

Call 24 hours a day, 7 days a week

1-800-488-1222



For information on purchasing a Sears

Maintenance Agreement or to inquire

about an existing Agreement

call 9 am - 5 pm, Monday-Saturday

1-800-827-6655



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