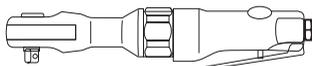




P7756  
Edition 2  
March 2004  
04580783

# Pneumatic Ratchet Wrenches



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## Product Safety Information

Refer all communications to the nearest SidChrome Office or Distributor.



**Save These Instructions**

**SIDCHROME**<sup>®</sup>  
*Air*

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## Product Description

A Pneumatic Ratchet Wrench is an angle drive, compressed air driven, hand-held power tool that uses a

ratchet type drive mechanism to tighten or loosen screws, bolts, nuts or other threaded fasteners.

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### WARNING

## General Product Safety Information

- **IMPORTANT SAFETY INFORMATION ENCLOSED - SAVE THESE INSTRUCTIONS**
  - **Read and understand this manual before operating this product**
  - **It is your responsibility to make this safety information available to others that will operate this product**
  - **Failure to observe the following warnings could result in injury**
- 

### WARNING

## Product Safety Information - When Placing the Tool in Service

- Always install, operate, inspect and maintain this product in accordance with all applicable standards and regulations (local, state, country, federal, etc.).
  - Always use clean, dry air at 90 psig (6.2 bar/620 kPa) maximum air pressure at the inlet. Higher pressure may result in hazardous situations including excessive speed, rupture, or incorrect output torque or force.
  - Be sure all hoses and fittings are the correct size and are tightly secured. See Dwg. TPD905-3 for a typical piping arrangement.
  - Ensure an accessible emergency shut off valve has been installed in the air supply line, and make others aware of its location.
  - Do not use damaged, frayed or deteriorated air hoses and fittings.
  - Keep clear of whipping air hoses. Shut off the compressed air before approaching a whipping hose.
  - Always turn off the air supply, bleed the air pressure and disconnect the air supply hose before installing, removing or adjusting any accessory on this tool, or before performing any maintenance on this tool or any accessory.
  - Do not lubricate tools with flammable or volatile liquids such as kerosene, diesel or jet fuel. Use only recommended lubricants.
  - Use only proper cleaning solvents to clean parts. Use only cleaning solvents which meet current safety and health standards. Use cleaning solvents in a well ventilated area.
  - Keep work area clean, uncluttered, ventilated and illuminated.
  - Do not remove any labels. Replace any damaged label.
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### WARNING

## Product Safety Information - When Using the Tool

- Always wear eye protection when operating or performing maintenance on this tool.
- Always wear hearing protection when operating this tool.
- Always use Personal Protective Equipment appropriate to the tool used and material worked. This may include dust mask or other breathing apparatus, safety glasses, ear plugs, gloves, apron, safety shoes, hard hat and other equipment.
- When wearing gloves always be sure that the gloves will not prevent the throttle mechanism from being released. This tool is not designed for working in explosive environments, including those caused by fumes and dust, or near flammable materials.
- This tool is not insulated against electric shock.
- Prevent exposure and breathing of harmful dust and particles created by power tool use.

Some dust created by power sanding, sawing, grinding, drilling and other construction activities contains chemicals known 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 and other masonry products, and
- 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.

- Be aware of buried, hidden or other hazards in your work environment. Do not contact or damage cords,

conduits, pipes or hoses that may contain electrical wires, explosive gases or harmful liquids.

- Keep others a safe distance from your work area, or ensure they use appropriate Personal Protective Equipment.
- This tool is not designed for working in explosive environments, including those caused by fumes and dust, or near flammable materials.
- Keep hands, loose clothing, long hair and jewelry away from working end of tool.
- Power tools can vibrate in use. Vibration, repetitive motions or uncomfortable positions may be harmful to your hands and arms. Stop using any tool if discomfort, tingling feeling or pain occurs. Seek medical advice before resuming use.
- Keep body stance balanced and firm. Do not overreach when operating this tool. Anticipate and be alert for sudden changes in motion, reaction torques, or forces during start up and operation.
- Tool and/or accessories may briefly continue their motion after throttle is released.
- To avoid accidental starting - ensure tool is in "off" position before applying air pressure, avoid throttle when carrying, and release throttle with loss of air.

- Ensure work pieces are secure. Use clamps or vises to hold work piece whenever possible.
- Do not carry or drag the tool by the hose.
- Do not use power tools when tired, or under the influence of medication, drugs, or alcohol.
- Never use a damaged or malfunctioning tool or accessory.
- Do not modify the tool, safety devices, or accessories.
- Do not use this tool for purposes other than those recommended.
- Use accessories recommended by **SidChrome**.
- Note the position of the reversing mechanism before operating the tool so as to be aware of the direction of rotation when operating the throttle.
- Use only impact sockets and accessories. Do not use hand (chrome) sockets or accessories.
- Whenever the Ratchet Head is installed or repositioned, the Throttle Lever must be positioned so that reaction torque will not tend to retain the throttle in the "ON" position.
- Ratchet Wrenches are not torque wrenches. Connections requiring specific torque must be checked with a torque meter after fitting with an ratchet wrench.

## NOTICE

Refer to Product Specifications Manual for Model Specific Safety Information.

### Safety Symbol Identification



Wear Respiratory Protection



Wear Eye Protection



Wear Hearing Protection



Read Manuals Before Operating Product

(Dwg. MHP2598)

### Safety Information - Explanation of Safety Signal Words



**DANGER**

Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.



**WARNING**

Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.



**CAUTION**

Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury or property damage.

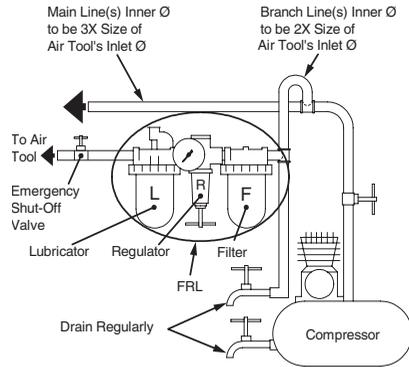
**NOTICE**

Indicates information or a company policy that relates directly or indirectly to the safety of personnel or protection of property.

## Product Installation

The following installation arrangement is recommended.

Refer to Product Specifications manual to determine if your specific model requires lubricated air or is a lube-free product. For lube-free tools the lubricator is not required and the Filter-Regulator-Lubricator (FRL) in the drawing is replaced with a Filter-Regulator (FR).



(Dwg. TPD905-3)

## Product Parts Information

### NOTICE

The use of other than genuine SidChrome replacement parts may result in safety hazards, decreased tool performance, and increased maintenance, and may invalidate all warranties.

Repairs should be made only by authorized trained personnel. Consult your nearest SidChrome Authorized Servicer.

### Service Centers

**STANLEY AUSTRALIA**  
NATIONAL CALL CENTRE  
PHONE: 1800 338 002  
FAX: 03 9308 0888

**STANLEY NEW ZEALAND**  
PHONE: 0800 4 782 6539  
FAX: 0800 4 782 6539



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