



UOW & URW Series

Open-End & Ratchet Wrenches

OPERATION INSTRUCTIONS

It is the responsibility of the employer to place the information on this instruction sheet into the hands of the operator.

WARNING

Always operate, inspect and maintain this tool in accordance with the American National Standards Institute Safety Code for Portable Air Tools (ANSI B186.1) and any other applicable safety codes and regulations.

Always turn off the air supply and disconnect it before installing, removing, or adjusting any accessory on this tool or before performing any maintenance on the tool. Failure to do so could result in injury.

IMPORTANT

Make sure that these instructions are fully understood before operating this tool. The tool, its attachments, and accessories must only be used for their designed purpose. For product liability and safety reasons, any modifications of the tool and its accessories must be agreed upon by the technical authority of the manufacturer. All locally legislated safety rules with regard to installation, operation, and maintenance shall be respected at all times.

INSTRUCTIONS FOR CHANGING RATCHETS OR SOCKETS

First, follow your local safety regulations strictly on this tool.

1. If needed, adjust the engagement of the operating rod by removing the cam casing and adjusting spacers from the gear casing.
2. While running the tool, reinstall the cam casing to the gear casing.
3. Watch the ratchet as the cam casing turns down onto the gear casing. When the ratchet starts to turn, mark its position and continue to allow the cam casing to turn down onto the gear casing until the ratchet stops or the cam casing bottoms out.
4. Turn the cam casing back halfway between the two points and measure the amount of adjusting spacers it will take to take up the space between the cam casing and the gear casing.

NOTE: When changing the socket in the UOW tool, it is very important that the Allen flush head screws are tightened to 30 inch pounds of torque and Loc-Tite with a 242 thread locker or equivalent. If this is not done, excessive damage will occur to the bevel gear casing and the gears.

AIR SUPPLY

LINE SIZE: The ID of the air hose should always be one size larger than the air inlet size of the tool.

AIR PRESSURE: 85 PSI (6 kg/cm²) air pressure is recommended for the most efficient performance. Lower than 57 PSI (4 kg/cm²) may cause the tool to malfunction. Too high of air pressure will shorten the life of the tool.

LUBRICATION

FOR AIR MOTOR: Supply light spindle oil (e.g., Mobil Spindle Oil #1, Shell Spindle Oil #60 and/or equivalent) properly through air inlet or line oiler before and after each shift.

FOR BEARINGS: Supply high-quality grease (e.g., Shell Alvania No. 2, Mobilplex 2 and/or equivalent) properly once every three months or when the tool is overhauled.

MAINTENANCE

DRY AND CLEAN AIR: Drain daily and install filter at or near the take-off point to prevent trouble from foreign matter.

AIR HOSE AND JOINTS: Use air hose (the shorter, the better), joints, and other fittings of good condition and of proper size to avoid pressure drop.

REGULAR OVERHAUL: Preventative maintenance should be performed by a competent repair technician to assure the best performance, trouble-free operation, and maximum tool life at least every three months.

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

AIMCO is not responsible for customer modification of tools for applications on which AIMCO was not consulted. Repairs should be made only by an authorized AIMCO Service Center. Contact AIMCO at 1-800-852-1368 for the authorized Service Center in your area.