

To prevent serious injury, read and understand all warning and instructions before use.



SM-43-231HRG 1/2" H.D. IMPACT WRENCH



Actual product may be slight different from the product described herein.

Tool Specification:

Square Drive:	1/2"
Free Speed :	8,000 RPM
Max. Torque (ft-lbs):	600 ft-lbs (813 Nm)
Working Torque Range:	25-400 ft-lbs (34-542 Nm)
Air Inlet:	1/4" NPT
Hose Size:	3/8" I.D. (10 mm)
Air Pressure:	90 P.S.I.
Average Air Consumption:	4.2 CFM (120 L/Min)
Weight:	2.63 KGS (5.8 Lbs)

SAFETY RULES



WARNING READ, UNDERSTAND AND KEEP THESE INSTRUCTIONS, Failure to follow all instructions listed below may result in serious injury.

WORK AREA HAZARD & PERSONAL SAFETY

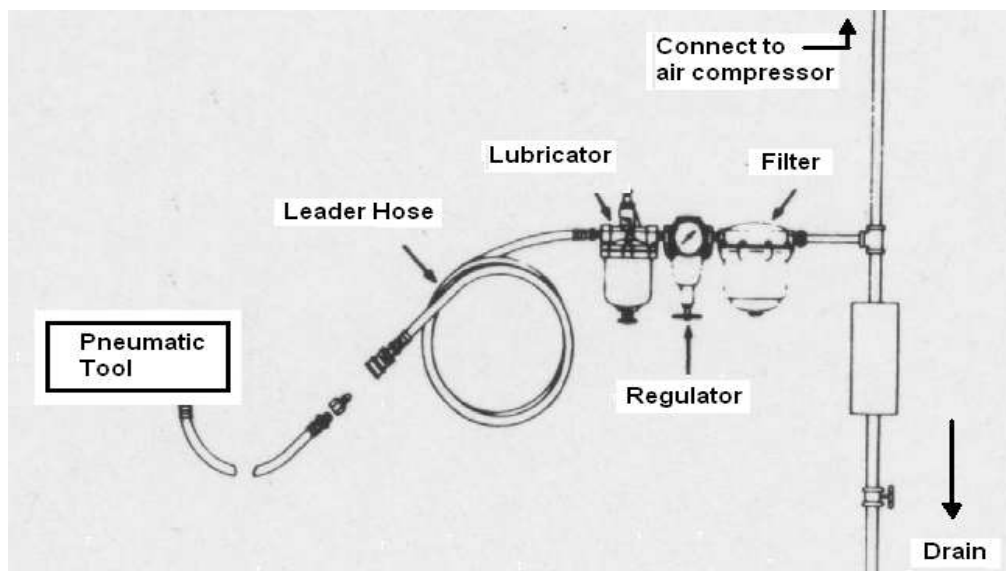
1. Keep your work area clean and well lit.
2. Do not operate power tools in explosive atmospheres, such as in the presence of combustible liquid, gases or dust. Power tool create sparks which may kindle the dust or fumes.
3. Disconnect tool before performing service or when not in use.
4. High sound levels can cause permanent hearing loss. Use hearing protection during operation.
5. Maintain a balanced body position and secure footing.
6. Slip/Trip/Fall is a major cause of serious injury or death. Be aware of excess hose left on the walking or work ground.
7. Repetitive work motions, awkward positions and exposure to vibration can be harmful to hands and arms. If numbness, tingling, pain or whitening of the skin occurs, stop using the tool and consult a physician.

8. Always wear impact-resistant eye and face protection when operating the tool or near the operation, repairing, maintaining the tool or changing accessories on the tool.

TOOL USE AND CARE

1. Use support handle or other practical ways to secure and support the work piece to a stable platform.
2. Do not force the tool. Use the correct tool for your application. The correct tool can do the job better and more secure at the rate of tool designed.
3. Disconnect the air supply before making any adjustments, changing accessories, or storing the tool. Always disconnect the air supply before performing any inspection, maintenance, or cleaning the tool.
4. Use only accessories recommended by the manufacturer for your model.
5. When using a tool that is designed to have a guard, the guard should be in place to offer protection from flying debris, grinding swarf, or sparks.
6. Do not leave the tool unattended when it is connected to an air supply.
7. Use compressed air only.

AIR SUPPLY SETUP AND CONNECTING HAZARD



Recommended Air Line Components

1. For best service you should incorporate an Regulator, oiler and an inline filter.
2. If you are not using an automatic lubricating system, before operating the tool, add a few drops of Pneumatic Tool Oil to the airline connection. Add more after each hour of constant using.
3. Do not exceed maximum air pressure of 90 PSI/ 6.2 bar or as stated on tool nameplate.

OPERATING INSTRUCTIONS

Use accessories recommended by Sunmatch. Check the position of the reversing mechanism before operating the tool so as to be aware of the direction of rotation when operating. Use only impact sockets and accessories. Do not use the hand sockets or accessories. Check the drive end of the tool to make sure that the socket retainer functions correctly and that sockets and drive ends are not excessively worn which may allow the socket to come off when rotating. Connections requiring specific torque must be checked with a torque meter after fitting with an impact wrench.

LUBRICATION & MAINTENANCE

Lubricate the tool daily with a good grade of air tool oil. If no air line oiler is used, run a teaspoon of oil through the tool. The oil can be squirted into the tool air inlet, or into the hose at the nearest connection to the air supply, then run the tool. A rust inhibitive oil is acceptable for air tools.