BGS 6684

Air Angle Impact Wrench

TECHNICAL DATA
Impact Mechanism: Jumbo Hammer
Square Drive: 12.5 mm (1/2“)
Free Speed: 8500 rpm
Working Torque: 27 - 231 Nm
Max. Torque (Clockwise): 325 Nm
Max. Loosening Torque (Counterclockwise): 550 Nm
Air Consumption: 113 L/min (4 CFM)
Working Pressure: 6.3 Bar (90 PSI)
Air Inlet Type: 1/4"
Recommended-Hose-Ø: 10 mm (3/8") (ID)
Noise Level: LpA: 87.9 dB (A) / LwA: 98.9 dB (A)
Vibration Level: ahd = 9.96 m/s² / K = 2.10 m/s²
Weigth: 1.16 Kg

WARNING!
Read, understand and follow all instructions and warnings before operating this tool.
Failure to do so may result in personal injury and/or property damage and will void warranty.

SAFETY ADVISES
1. Be sure air is in OFF position when connecting tool to air supply.
2. Always wear approved eye protection when using tools. If raising dust, wear a suitable mask.
3. Use only those accessories that are designed for use with tools. For example, with impact wrenches do not use ordinary sockets. Use impact sockets for all air tools.
4. Be sure to disconnect tool from air supply before changing accessories, performing service on tool, and when not in use.
5. As with any tool, use common sense when operating. Do not wear loose clothing or jewelry that could become caught by moving parts, causing injury. Operate tool a safe distance from yourself and others in the work area.
6. Follow air source manufacturers directions for connection of regulators, filters, and other accessories to air source. Do not install quick couplers directly on tool as they put unnecessary strain on the air inlet threads possibly causing them to wear out prematurely. Instead, install them on a short length of air hose attached to the tool.

AIR SOURCE
Clean and dry air and a correct air pressure is recommended as air supply for this air tool.
Maximum of 90 PSI at the air tool is recommended for most air tools of this class. Check specifications section for recommended pressure. (Depending on length of air hose and other circumstances, air pressure at compressor may need to be increased to 100 PSI to ensure 90 PSI at the tool. Water in the air hose and compressor tank contributes to reduced performance and damage of the air tool. Drain the air tank and filters before each use and as necessary to keep the air supply dry. Hose length over 25” causes loss in line pressure. Increase hose ID or increase compressor pressure to compensate the pressure loss. Use an in-line pressure regulator with gauge if air inlet pressure is critical.

Instruction Manual

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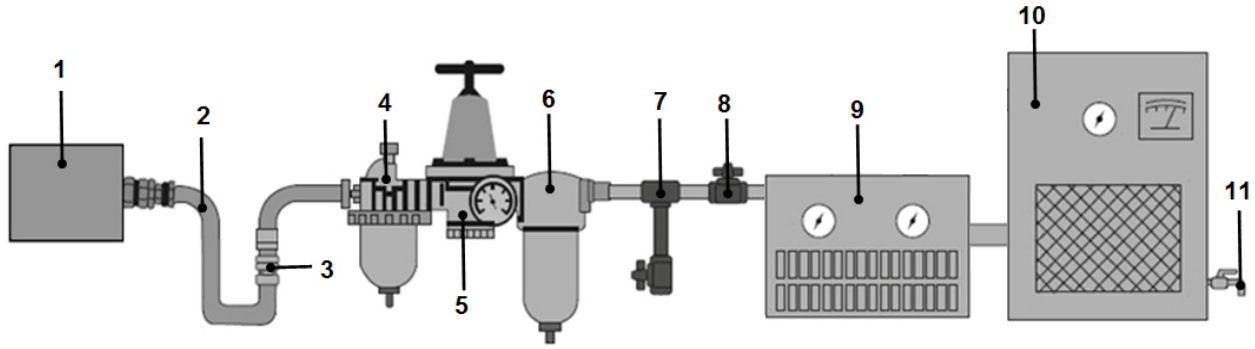
RECOMMENDED AIR SUPPLY

No.	Description	No.	Description
1	Air Tool	6	De-Watering / Filter Unit
2	Air Hose	7	De-Watering Valve
3	Quick Coupler	8	Shut-Off Valve
4	Oiler (only required for air tools with motor)	9	Dryer / Filter Unit
5	Pressure Regulator	10	Compressor / 11 De-Watering Valve



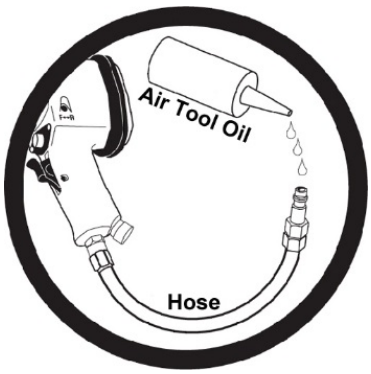
OPERATION

Oil tool before each use. 4 to 5 drops of a good grade Air Tool Oil placed in the air inlet is sufficient. Use proper air pressure and CFM rating listed for this tool.

1. To set the tool to desired torque, select a nut or screw of known tightness of the same size, thread pitch and thread condition as those on the job.
2. Turn air regulator to low position, apply wrench to nut and gradually increase power (turn regulator to admit more air) until nut moves slightly in the direction it was originally set. The tool is now set to duplicate that tightness. **All bolts must always be checked with a torque wrench after installation.**
3. Do not tighten nuts or screws with higher torque than allowed. Put nut or screw in the thread and start attach several revolutions by hand. With the impact wrench tighten the screw until it rests flush against the supporting surface.

LUBRICATION & MAINTENACE

Oil tool before each use. 4 to 5 drops Air Tool Oil placed in the air inlet is sufficient.
Use proper air pressure and CFM rating listed for this tool.



TROUBLESHOOTING (Insufficient power)

Probable Cause	Solution
Dirty or clogged air passages	Flush and lubricate tool, drain air tank and supply line
Insufficient air supply	Increase line pressure, make sure compressor matches tool's air pressure and consumption needs
Air leakage	Use teflon tape at all fittings and joints. Check tool for worn or damaged o-rings & seals.
Worn/damaged wear & tear parts	Replace as necessary
Tool matching	Be sure you are using a tool suited for the sanding requirements of the job at hand.

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