DRAPER Expert

EN

Original Instructions
Version 1

½" COMPOSITE

IMPACT WRENCH

41096

UK CA CE

1. Preface

These are the original product instructions. This document is part of the product; retain it for the life of the product, passing it on to subsequent holders. Read this manual in full before attempting to assemble, operate or maintain this product.

This Draper Tools manual describes the purpose of the product and contains all the necessary information to ensure its correct and safe use. Following all the instructions and guidance in this manual will ensure the safety of both the product and the operator and increase the lifespan of the product.

All photographs and drawings within this manual are supplied by Draper Tools to help illustrate correct operation of the product.

Every effort has been made to ensure the information contained in this manual is accurate. However, Draper Tools reserves the right to amend this document without prior warning. Always use the latest version of the product manual.

1.1 Product Reference

User Manual for: Composite Body Air Impact Wrench, 1/2" Square Drive

Stock No: 41096

Part No: 5201PRO

1.2 Revisions

Version 1: September 2006
First release

Version 2: April 2023
General content and formatting updates

As our manuals are continually updated, always ensure that the latest version is used.

Please visit **drapertools.com/manuals** for the latest version of this manual and the associated parts list, if applicable.

1.3 Understanding the Safety Content of This Manual

WARNING! – Situations or actions that may result in personal injury or death.

CAUTION! – Situations or actions that may result in damage to the product or surroundings.

Important: – Information or instructions of particular importance.

1.4 Copyright © Notice

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2. Contents

3. Product Introduction

3.1 Intended Use

This impact driver is designed for driving fasteners and boring holes into a variety of materials where higher levels of torque are required. It can be used with a range of insert bits and sockets and is powered by compressed air. Any other application beyond the conditions established for use will be considered misuse. Always ensure that the correct tool mode is selected. Draper Tools accepts no responsibility for improper use of this product.

WARNING! ONLY use chrome molybdenum impact sockets and rated impact bits with this tool. Conventional chrome vanadium sockets and inserts may shatter under the force of the tool and create a projectile hazard.

Important: This tool is **NOT** designed to install fasteners to a specific torque. If a specific torque is required, use a hand torque wrench.

Part of our Expert range, this product is intended for frequent trade use, with the quality and features to meet and exceed expectations of the most demanding user.

WARNING! This product is not a toy and must be respected.

Read this manual in full before attempting to assemble, operate or maintain the product, and retain it for later use.

3.2 Specification

Stock No.	41096
Part No.	5201PRO
Anvil:	
Size:	1/2"
Retainer type:	Hog ring
Clutch:	Twin hammer
Max. torque:	813Nm (600ft-lbs)
Adjustable torque:	3 fixed forward settings from 450Nm to 745Nm
Impact rate:	1,450bps at 745Nm
Revolutions per minute (no load):	7,000rpm
Max. air pressure:	6.2bar (90psi)
Average air consumption:	125L/min (4.4cfm)
Min. air line size:	3/8" internal diameter
Air inlet:	1/4" BSP
Noise emissions:	
Sound pressure level (L_PA):	89dB(A)
Sound power level (L_WA):	93dB(A)
Vibrations:	
Vibration level:	2.8m/s2
Uncertainty:	xxx
Net weight:	2.2kg

3. Product Introduction

Important: The declared vibration total values and noise emissions values have been measured in accordance with a standard test method and may be used for comparing one tool with another. These values may also be used in a preliminary assessment of exposure.

WARNING! The vibration and noise emissions during actual use of the product can differ from the declared values depending on the mode selected and the workpiece and fasteners upon which it is used. Before each use, estimate the likely exposure resulting from the actual conditions of use. Take into account all parts of the operation cycle in order to identify any safety measures required to protect the operator.

Important: These instructions are intended as a guide to the safe use of this product. Additional or specific risks associated with each operation and workpiece material must be undertaken before each operation. **DO NOT** operate this tool if you are unfamiliar with the risks associated with its use.

4.1 Health and Safety Instructions for this Air Impact Wrench

WARNING! Read and understand the safety instructions before installing, operating, repairing, maintaining, replacing accessories, or working near the tool. Failure to do so can result in serious bodily injury.

General Safety Instructions

- Only trained and authorised personnel may install, adjust or operate the impact wrench.
- **DO NOT** modify this impact wrench.
  - Modifications can reduce the effectiveness of safety measures and increase the risk of injury.
- Retain these instructions for the life of the product and pass them on with the tool to any future operators.
- **DO NOT** use this impact wrench if it shows any evidence of damage or disrepair.
- Regularly inspect the impact wrench to ensure that all safety markings remain legible.
  - Contact Draper Tools if the safety markings need to be replaced and **DO NOT** use the tool.

Projectile Hazards

- Disconnect the impact wrench from the air supply before changing accessories or adjusting the tool.
- Be aware that failure of the workpiece, accessories or the tool itself may generate high-velocity projectiles.
- **ALWAYS** wear impact-resistant eye protection during operation of the impact wrench and assess the grade of protection required with each use.
- When working overhead, **ALWAYS** wear a safety helmet.
- Carefully assess the risk to others before every operation and ensure that all bystanders are clear of the work area or equipped with suitable protective equipment.
  - Keep this product out of reach of children at all times.
- **ALWAYS** ensure that the workpiece is firmly gripped by a clamp or vice; **NEVER** hold the workpiece by hand.

Entanglement Hazards

- Keep loose clothing, gloves, hair and jewellery well away from the impact wrench at all times.
  - Entanglement in the spinning anvil can cause significant injury.
- Remove ill-fitting gloves as they can become entangled with the rotating drive and cause severe injury.
  - Rotating drive sockets can easily become entangled with rubber-coated or metal-reinforced gloves.
  - **DO NOT** wear gloves with cut or frayed fingers while operating this tool.
- **NEVER** hold the drive, socket or drive extension during operation.

Operating Hazards

- Wear suitable protective gloves to guard against injury from crushing, cuts, abrasion and heat.
- Ensure that the operator or maintenance personnel is physically capable of supporting the size and weight of the tool and can accommodate the power that it exerts during operation.
- Hold the tool correctly and firmly and brace yourself against sudden movements, keeping both hands available.
- Maintain good balance and secure footing at all times while operating the tool.
- Release the trigger immediately if the air supply is interrupted.
- **ONLY** use lubricants recommended by Draper Tools.
- **DO NOT** use this tool in confined spaces.
- Stay alert to the risk of crushing hands between the tool and the workpiece, especially when unscrewing.

Repetitive Motion Hazards

- When operating an impact wrench frequently or for extended periods, the operator may experience discomfort in the hands, arms, shoulders, neck and other parts of the body.

- While using the impact wrench, adopt a comfortable posture while maintaining secure footing and avoiding awkward or off-balance positions.
  - Change posture and operating positions regularly during extended use to help avoid discomfort and fatigue.
- **DO NOT** ignore symptoms such as persistent or recurring discomfort, pain, throbbing, aching, tingling, numbness or burning sensations.
  - If these symptoms occur, stop using the tool and consult a qualified health professional.

Accessory Hazards

- **ALWAYS** disconnect the impact wrench from the air supply before fitting or changing accessories.
- **DO NOT** touch the impact socket or accessories during operation as this increases the risk of injury from cuts, burns or vibrations.
- **ONLY** use accessory types and sizes recommended by Draper Tools.
- **ONLY** use sockets and insert bits that are rated for impact wrenches and are in good condition.
  - Use of poor-condition sockets or hand sockets and accessories with impact wrenches may cause them to shatter and become a projectile.

Workplace Hazards

- Stay alert for surfaces that may become slippery as a result of use of this tool and for trip hazards caused by the air line.
- Stay alert to the presence of hidden hazards in unfamiliar surroundings.
- This impact wrench is not suitable for use in potentially explosive atmospheres and is not insulated against contact with electrical power.
- Ensure that there are no electrical cables, gas pipes, etc. present in the workpiece that may cause a hazard if damaged by the tool.

Dust and Fume Hazards

- Dust and fumes generated by assembly operations can cause ill health (e.g., cancer, birth defects, asthma and/or dermatitis).
  - Perform a risk assessment and implement any appropriate controls for identified hazards before performing any operation.
- Any risk assessment performed must include dust created by use of the tool and disturbance of any existing dust.
- Operate and maintain the impact wrench appropriately to minimise the dust or fume emissions.
- Direct the exhaust so as to minimise disturbance of existing dust in dusty environments.
- Where dust or fumes are created, priority must be given to controlling them at the point of emission.
- All integral features and accessories for the collection, extraction or suppression of airborne dust or fumes must be correctly used and maintained in accordance with the manufacturer's instructions.
- Use appropriate respiratory protection in accordance with local occupational health and safety regulations.

Noise Hazards

- Exposure to high noise levels can cause permanent hearing loss and other problems.
  - Perform a risk assessment and implement any appropriate controls for identified hazards before performing any operation.
- Implement appropriate controls, such as dampening materials, to prevent the workpiece from "ringing" during operation.
- Use appropriate hearing protection in accordance with local occupational health and safety regulations.
- Operate and maintain the impact wrench appropriately to prevent an unnecessary increase in noise emissions.
- Select, maintain and replace accessories in accordance with these instructions to prevent an unnecessary increase in noise emissions.

Vibration Hazards

- Exposure to vibration can cause disabling damage to the nerves and blood supply of the hands and arms.
- Wear warm clothing when working in cold conditions and keep your hands warm and dry.
- If you experience numbness, tingling, pain or whitening of the skin in your fingers or hands, stop using the impact wrench and consult a qualified health professional.
- **DO NOT** use worn or ill-fitting sockets or extensions as this is likely to cause substantial increases in vibration levels.

- Select, maintain and replace accessories in accordance with these instructions to prevent an unnecessary increase in vibration levels.
- Sleeve fittings should be used where practicable.
- Support the weight of the tool in a stand, tensioner or balancer, if possible.
- Operate and maintain the impact wrench appropriately to prevent an unnecessary increase in vibration emissions.
- The risks from vibration hazards are increased when the grip force on the tool is higher.
- Hold the impact wrench with a light but safe grip, keeping in mind that your grip may need to be altered to react to unexpected forces.

4.2 Additional Safety Instructions for Pneumatic Tools

WARNING! Compressed air can cause severe injury.

  - **ALWAYS** turn off and disconnect the air supply before making any adjustments or repairs to the product or leaving it unattended.
  - **NEVER** direct compressed air towards yourself or others.
  - Ensure that compressed air is not blocked by or in contact with any part of your body.
- **ONLY** use clean, dry and regulated compressed air.

  WARNING! NEVER use oxygen, combustible gases or other bottled gases as a supply for this product. Use of these substances may cause the product to explode.

- Draper Tools recommends the use of a whip hose between the tool and the air supply to reduce vibration.

  WARNING! Whipping hoses can cause severe injury. Always check for and replace damaged or loose hoses and fittings.

- Ensure that cold compressed air is directed away from your hands.
- **NEVER** use quick-disconnect couplings at the tool inlet when using impact wrenches.
  - Use hardened steel (or a similar material with comparable shock resistance) threaded hose fittings.
- Ensure that the product is compatible with the air supply before use.
- Ensure all connections are securely tightened.
- Where universal twist couplings (claw couplings) are used, lock pins must be installed and whipcheck safety cables must be used to safeguard against possible hose-to-tool or hose-and-hose failure.
- **DO NOT** exceed the maximum stated air pressure.
- Air pressure has a safety-critical effect on the performance of torque-control and continuous-rotation tools; **ALWAYS** adhere to the manufacturer's recommendations for hose length and diameter requirements.
- **DO NOT** obstruct the ability of the trigger to release once depressed.
- **NEVER** carry the tool by the air line.

4.3 Additional Safety Instructions for This Impact Wrench

- **Important:** This product is suitable for use **ONLY** with specifically engineered impact sockets and insert bits. **DO NOT** attempt to use this product with standard chrome vanadium accessories as they may shatter due to the impact rate of the tool.
- **ALWAYS** wear suitable eye and ear protection while using this product.
- Be wary of splinters from failing sockets.
- **ALWAYS** ensure that the tool has stopped and that the air line is disconnected before making any adjustments to this product.
- This product applies high levels of torque to the workpiece.
  - Maintain a firm grip on the tool and brace yourself appropriately against the torque and any unexpected reactionary forces exhibited by the tool.
- Gradually release pressure on the trigger as the fixture nears its tightening point.
- Ensure that the anvil ring is present and in good condition before **EVERY** operation.
  - **DO NOT** use the product if the anvil ring is damaged or missing as the socket may detach from the tool.
- **ALWAYS** ensure that the chosen fixing is suitably graded to withstand the torque applied by this tool.

- Keep your hands away from the anvil and impact socket during operation as unexpected movements may cause injury.
- Secure the workpiece firmly; **DO NOT** hold it by hand.
- Allow the tool to do the work; **DO NOT** apply additional pressure against the tool.
- If the tool or fixture has become jammed, release the trigger and investigate.
  - **DO NOT** continue to depress the trigger as this may damage the tool or the fixing.
- **DO NOT** operate this tool continuously for extended periods and take precautions against the effects of vibration.

4.4 Residual Risk

The safety instructions in this manual cannot account for all possible conditions and situations that may occur. Exercise common sense and caution when using this product and protect against any additional conceivable risks.

5. Identification and Unpacking

Carefully remove the product from the packaging and examine it for any signs of damage that may have occurred during shipment. If any part is damaged or missing, do not attempt to use the product. Please contact the Draper Helpline; contact details can be found at the back of this manual.

5.1 Product Overview

(1) Air line inlet
(2) Air line inlet bung
(3) Anvil
(4) Anvil ring
(5) Exhaust
(6) Oiling port
(7) Rotation direction lever
(8) Trigger

5.2 Packaging

Keep the product packaging for the duration of the warranty period for reference should the product need to be returned for repair.

WARNING! Keep packaging materials out of reach of children. Dispose of packaging correctly and responsibly and in accordance with local regulations.

Please visit **drapertools.com** for our full range of accessories and consumables.

Important: Before operating this product, read and understand all the safety and preparation instructions listed in this manual.

6.1 Air Tool Oil Specification

Air tool oil viscosity refers to the thickness and flow of the oil used in the product and the way in which it reacts with heat. Liquids with low viscosity are thinner than liquids with high viscosity.

As the viscosity of the air tool oil is reduced when heated, choosing the right viscosity is essential. If the oil viscosity is too low, it may not lubricate the tool appropriately when heated. If the oil viscosity is too high, the fluid may cause excessive resistance within the air lines when cold.

ISO grade 22–32 (SAE grade 5W–15W) monograde oil should be used in this product. Draper Tools recommends the use of Draper Air Tool Oil:

- **500ml:** Stock No. 34681
- **1L:** Stock No. 34862

During use, the oil must be constantly supplied to the equipment to ensure complete lubrication and optimum performance.

6.2 Preparing the Air Supply for Use

This air tool operates at a max. pressure of 6.2bar (90psi).

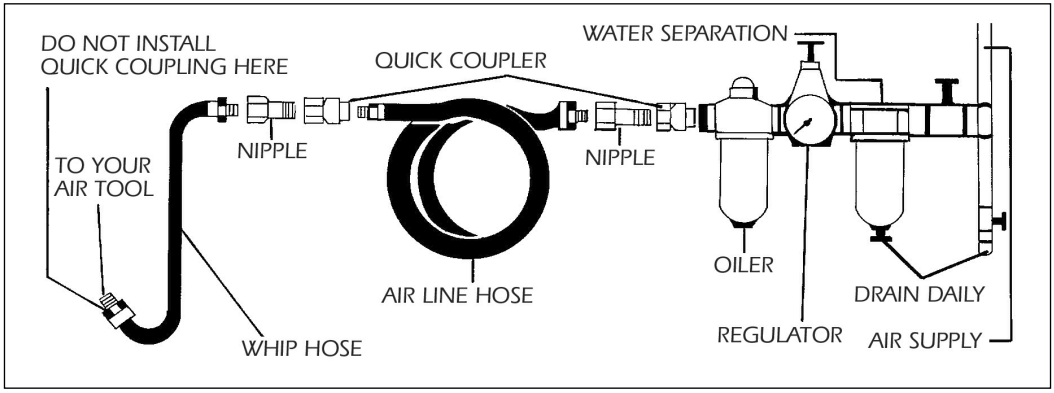

Fig. 1

The compressed air system must be controlled by a combination pressure regulator, in-line lubricator and moisture filter. This will ensure a constant supply of dry air at all times, provided it is properly maintained.

Important: Always check the machine operating pressure before use.

Water in the compressor tank may cause considerable corrosion to air tools; the compressor should be drained daily to avoid excessive water in the air supply. Dirty or wet air can significantly shorten the lifespan of the product.

When using an air tool with a hose over 25ft long, Draper Tools recommends increasing the bore of the hose to the next largest available size (i.e. increase 3/8" to 1/2"). This will ensure adequate pressure and volume of air to power the tool.

6.3 Connection to the Air Supply

Important: Draper Tools recommends using a 1/4" BSP male-threaded thread whip hose (Stock No. 54438, not supplied) to connect the spray gun to an air line in order to reduce vibration.

WARNING! To prevent unintentional starting, ALWAYS ensure that the trigger is not depressed while connecting the air line.

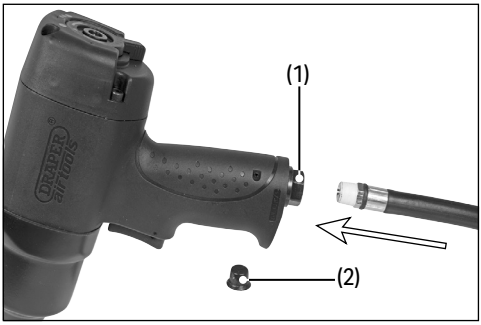

Fig. 2

1. Wrap a length of PTFE tape around the air line coupling or whip hose thread.
   Important: For a more secure seal, the PTFE tape should be wrapped in the opposite direction to the thread.
2. Remove the air line inlet bung (2) and screw the air line coupling or whip hose into the tool air line inlet (1).
3. Connect the air line to the air line coupling or whip hose.
4. Pressurise the air line when you are ready to begin.

6.4 Installing and Removing Impact Sockets

Important: This product must be used with chrome molybdenum impact sockets and inserts **ONLY**. Standard chrome vanadium accessories may splinter or shatter from the impact motion and cause injury.

This tool is supplied with a 1/2" square drive and anvil.

Important: Inspect the anvil (3) and anvil ring (4) for signs of damage before **EVERY** use. **DO NOT** use the tool if signs of damage are present or the anvil ring is missing.

WARNING! Disconnect the tool from the air line before removing or installing new impact sockets and accessories.

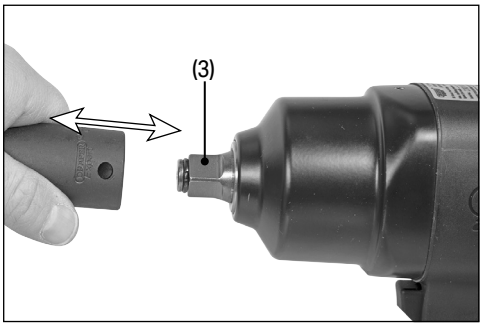

Fig. 3

To install an impact socket, push it fully onto the anvil. The anvil ring will prevent the socket from detaching during use. To remove it, allow the tool to stop, disconnect it from the air line, then pull firmly on the impact socket to detach it from the anvil.

Important: New sockets may require additional force to install and remove them from the anvil during initial use.

6.5 The Rotation Direction Lever

Important: Check the position of the rotation direction switch (6) and ensure that the tool is set to the correct torque before **EVERY** operation. Over-torquing bolts and fixings may cause them to shatter and damage the workpiece or cause injury.

WARNING! ALWAYS ensure that the tool is disconnected from the air line before adjusting the rotation direction lever position. Failure to do so may result in the tool starting inadvertently and causing damage or injury.

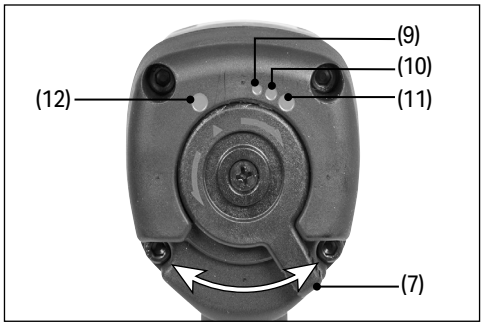

Fig. 4

To set the direction of the anvil rotation, push the rotation direction lever so that the indicator (▲) points to the required setting:

Clockwise (forward) rotation positions:

9. Approx. 450Nm torque (forward) position
10. Approx. 610Nm torque (forward) position
11. Approx. 745Nm torque (forward) position

Anticlockwise (reverse) rotation positions:

12. Reverse rotation position

Use a forward rotation direction for tightening most bolts and fixtures and a reverse rotation direction typically for loosening.

Important: ALWAYS ensure that the tool and air line are correctly prepared and that the appropriate torque setting has been applied before starting this tool.

7.1 Basic Operation

Depress the trigger (8) to start the tool. The anvil (3) will rotate in the direction selected using the rotation direction lever (7). To stop the tool, release the trigger.

The rotation speed can be regulated by adjusting the pressure applied to the trigger. For slower rotation speeds, apply lighter pressure.

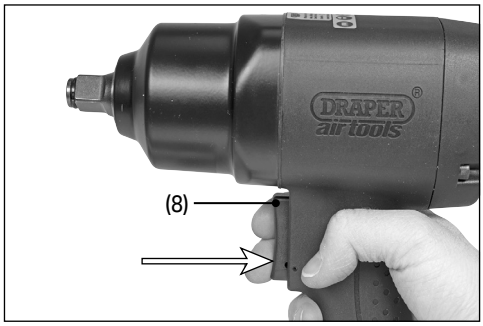

Fig. 8

Important: Allow the socket to come to a complete stop after releasing the trigger before placing the tool down.

To prepare and operate this tool:

1. Install the required impact socket onto the anvil; see **6.4 Installing and Removing Impact Sockets.**
2. Set the required rotation direction and torque; see **6.5 The Rotation Direction Lever.**
3. Connect the air line to the tool; see **6.3 Connection to the Air Supply.**
4. Place the installed socket around the fastener and squeeze the trigger to operate.

7.2 Notes on Use

Important: Read these instructions in full before each operation.

- Draper Tools recommends performing several test operations before each use to familiarise yourself with the tool and fastenings.
- Ensure that the fixing threads are clear and undamaged before use.
  - Obstructions to the thread may affect the torque when tightened.
- Ensure that the fixing is properly located in the socket and that the tool is correctly aligned with the workpiece.
- It may be necessary to initially loosen fixings using a hand tool before using the impact wrench if they are heavily corroded or overly tight.
- **ALWAYS** tighten fixings to the correct torque as indicated by the manufacturer.
  - **DO NOT** overtighten fixings as this may cause damage to the bolt or workpiece or render the fixed items unsafe during use.
  - **ALWAYS** finish tightening operations with a calibrated torque wrench to ensure that the correct torque is reached.
  - **ALWAYS** check the torque of torque-sensitive fixtures after tightening using a calibrated torque wrench.
- **DO NOT** use this tool to install wheel nuts without a torque limiting device.
  - Failure to do so may result in galled or damaged nuts.
- Use of a universal joint adaptor or extension bar may reduce the level or torque applied at the fixing and increase operation times.
- When bracing the tool with your other hand, ensure that the exhaust (5) is not obstructed during operation.

  WARNING! The tool, fixture and workpiece may become hot during use.

- **DO NOT** touch the metal housing at the front of the tool immediately after use and allow the fixing, socket and anvil to cool before handling them.
- Draper Tools recommends wearing heat protective gloves when using this product.

Important: ALWAYS ensure that the air supply is disconnected from the tool before performing any maintenance or storing the product.

8.1 General Maintenance

Important: This product requires minimal servicing by the user; however, further servicing may be carried out by qualified and authorised service agents if required. **ALWAYS** check the tool operating speed and vibration levels after each service.

- Keep the air line inlet and exhaust free from dust, debris and other obstructions.
- Keep the tool dry and free from dust and grease.
  - Use a damp cloth and mild solvent to clean the tool body; **DO NOT** use solvents or other aggressive chemicals.
- Lubricate the internal mechanism by pouring a few drops of air tool oil into the air line inlet before and after every use.
- Regularly apply air tool oil to the oiling port (6) using a nozzled oil dispenser to lubricate the drive mechanism.
- Ensure that the air line is sufficiently lubricated and apply additional lubrication into the air line inlet if evidence of binding occurs.
- Maintain the air line appropriately:
  - Drain the compressor reservoir and air lines of condensate and dispose of the liquid appropriately.
  - Drain the water trap.
  - Drain and fill the combined separator filter, regulator and lubricant reservoir.
  - Ensure that the air line pressure is appropriate for the tool.
- Have the tool speed and torque checked frequently by a qualified professional.

8.2 Storing the Tool

- Disconnect the air line and remove the air line coupling or whip hose when storing the product. **Important:** Lubricate the mechanism by pouring a few drops of air tool oil into the air line coupling and depressing the trigger lever several times before storage. Also apply oil to the oiling port (6) to lubricate the drive mechanism.
- Wipe the tool clean and remove any obstructions from the air line inlet (1) and exhaust (5) before storage.
- Remove any sockets or adaptors before storing the tool.
- Install the air line inlet bung (2) when storing the tool for extended periods.
- Store the product in a clean and dry location, out of reach of children.

8.3 Troubleshooting

Problem	Possible Cause	Remedy
The tool no longer operates.	The air pressure is too low.	Check that the air line is connected and not damaged.
	The trigger mechanism has malfunctioned.	Inspect and repair the trigger mechanism as necessary. Pour a little air tool oil into the air line inlet and squeeze the trigger several times.
	The rotor vane is broken.	Contact Draper Tools for support.
The tool operates with reduced power.	The air line is obstructed.	Switch off and detach the air line. Clean the air line and air inlet and remove any obstructions.
	The air pressure is low.	Check the CFM rating of the air compressor, set the pressure appropriately, and check for loose connections.
	The rotor vane is seized.	Pour a little air tool oil into the air line inlet and squeeze the trigger several times. Operate the tool in short bursts, switching frequently between forward and backward rotation directions.
The tool runs at normal speed but loses power under load.	Parts of the motor or clutch are worn or binding due to lack of lubrication.	Have the motor and clutch checked and lubricated by a qualified individual; contact Draper Tools for support.
Impact sockets will not stay on the anvil.	The anvil ring is damaged, worn or missing.	Have the anvil ring replaced; contact Draper Tools for repair or replacement options.
The anvil is excessively worn.	The tool has been used with worn, poor quality or chrome-plated sockets not designed for use with impact wrenches.	Contact Draper Tools for repair and replacement options. Check all sockets for damage or flawed edges and surfaces before use. **NEVER** use conventional chrome-plated sockets with impact wrenches.
The trigger is stiff or resists excessively when depressed or does not release easily.	The hydraulics mechanism requires lubrication or is obstructed.	Pour a little air tool oil into the air line inlet and squeeze the trigger several times.
The tool will not switch off.	The o-rings at the trigger valve are broken or dislodged.	Replace the o-ring seal or contact Draper Tools for support.
	The trigger valve stem is bent or jammed with dirt.	Lubricate the trigger with air tool lubricating oil.

If the issue cannot be resolved, contact Draper Tools for support.

9. Spares, Returns and Disposal

For spare parts, servicing, and repair and replacement options, please contact the Draper Tools Product Helpline for details of your nearest authorised agent.

Draper Tools will endeavour to hold any spare parts, if applicable, for seven years from the date that it sells the final matching stock item.

Any servicing or repairs carried out by unauthorised personnel or installation of spare parts not supplied by Draper Tools will invalidate your warranty.

Important: For safety, **ALWAYS** drain and clean the product of any oil, fuel, chemicals or other substances before returning it to Draper Tools or its authorised agent. Store these materials in suitable containers and dispose of them in accordance with local regulations. Draper Tools and its agents cannot be responsible for the disposal of these substances.

At the end of its working life, dispose of the product responsibly and in line with local regulations. Recycle where possible.

Dispose of oil and condensate separately and in accordance with local regulations; **DO NOT** abandon them in the environment.

10. Warranty

Draper Tools products are carefully tested and inspected before shipment and are guaranteed to be free from defective materials and workmanship.

Should the tool develop a fault, return the complete tool to your nearest distributor or contact Draper Tools directly. Contact information can be found at the back of this manual.

Proof of purchase must be provided.

If, upon inspection, it is found that the fault occurring is due to defective materials or workmanship, repairs will be carried out free of charge. This warranty period covers parts and labour for 12 months from the date of purchase. Where tools have been hired out, the warranty period covers 90 days from the date of purchase.

This warranty does not apply to any consumable parts, batteries or normal wear and tear, nor does it cover any damage caused by misuse, careless or unsafe handling, alterations, accidents, or repairs attempted or made by any personnel other than the authorised Draper Tools repair agent.

In all cases, to make a claim for faulty workmanship or materials within the standard warranty period, please contact or return the product to the place of purchase. Proof of purchase may be required.

If the place of purchase is no longer trading or if you experience any difficulties with your warranty, please contact Customer Services with the product details and your proof of purchase. Contact details can be found at the back of this manual.

If the tool is not covered by the terms of this warranty, repairs and carriage charges will be quoted and charged accordingly.

This warranty supersedes any other guarantees expressed or implied and variations of its terms are not authorised.

Your Draper Tools guarantee is not effective until you can produce, upon request, a dated receipt or invoice to verify your purchase within the guarantee period.

Please note that this warranty is an additional benefit and does not affect your statutory rights.

Draper Tools Limited

11. Explanation of Symbols

Read the instruction manual

Warning!

Do not abandon in the environment

Wear suitable protective goggles

Wear ear defenders

Wear protective gloves

UK Conformity Assessed

European conformity

Anvil size

Max. torque ft-lbs

Max. torque Nm

Revolutions per minute (no load)

Max. air pressure psi

Max. air pressure bar

Average air consumption cfm

Average air consumption L/min

Min. air line size: internal diameter

Air inlet

Net weight

Contact Details

Draper Tools
Draper Tools Limited
Hursley Road
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