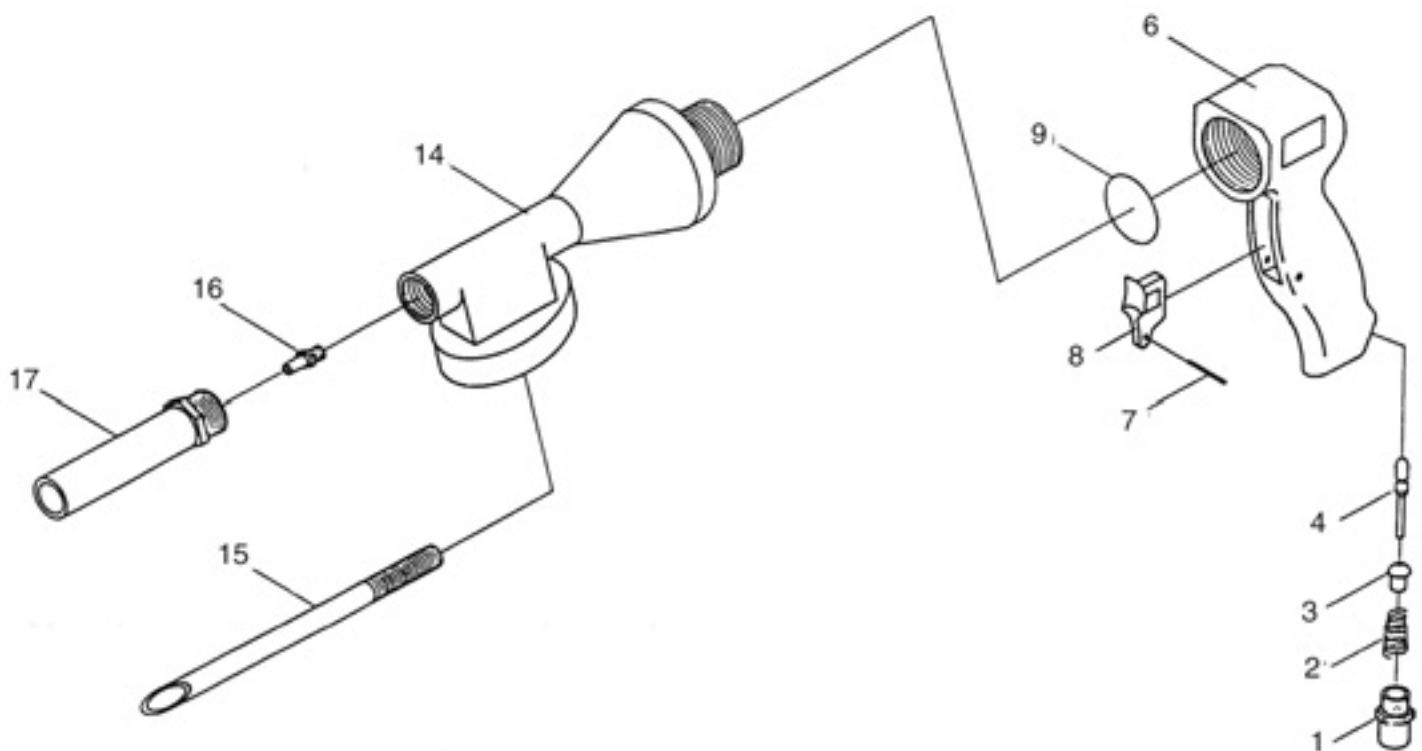




# SPARE PARTS LISTING & DRAWING SHEET FOR Air Underbody Coating Gun

Stock No.55109 Part No.4244A



KEY No.	PART No.	STOCK No.	DESCRIPTION
1	Y4244A-1	55260	Inlet bushing.
2	Y4244A-2	55261	Valve spring.
3	Y4244A-3	55262	Valve ball.
4	Y4244A-4	55263	Valve stem.
6	Y4244A-6	55264	Handle.
7	Y4244A-7	55265	Pin.

KEY No.	PART No.	STOCK No.	DESCRIPTION
8	Y4244A-8	55266	Trigger.
9	Y4244A-9	55267	O-ring.
14	Y4244A-14	55268	Head.
15	Y4244A-15	55269	Tube.
16	Y4244A-16	55270	Air nozzle.
17	Y4244A-17	55271	Nose piece.

**Helpline: (023) 8049 4344. Sales Desk: (023) 8049 4333. General Enquiries: (023) 8026 6355.**

DRAPER TOOLS LTD, HURSLEY ROAD, CHANDLER'S FORD, EASTLEIGH, HANTS. SO53 1YF. U.K. internet: [www.draper.co.uk](http://www.draper.co.uk) e-mail: [sales@drapertools.com](mailto:sales@drapertools.com)

RWDH220108



## SPECIFICATION

# Air Underbody Coating Gun

<b>Stock No.55109</b>	<b>Part No.4244A</b>
Canister cap thread.....	M42x3P
Tube length.....	250mm
Operating air pressure.....	90psi (6.2bar)
Average air pressure.....	8cfm (227 L/min)
Minimum hose size.....	3/8"
Air inlet size.....	1/4" BSP
Sound pressure level.....	81dB(A)
Sound power level.....	93dB(A)

### WEAR EYE PROTECTION



## DECLARATION OF CONFORMITY

We :  
Draper Tools Ltd.,  
Hursley Road,  
Chandler's Ford,  
Eastleigh, Hampshire.  
SO53 1YF  
England.

Declare under our sole responsibility that the product:

Stock No:- **55109.**  
Part No:- **4244A.**

Description:- **Air Underbody Coating Gun.**

To which this declaration relates is in conformity with the following directive(s) 89/392/EEC, 91/368/EEC and 93/44/EEC.

With reference to: TC255N, EN292, EN28662/1 and Pneuop Standard 8N-1.

*John Draper*

J.N. Draper  
Chairman

05/1998

**IMPORTANT:** PLEASE READ THESE INSTRUCTIONS CAREFULLY TO ENSURE THE SAFE AND EFFECTIVE USE OF THIS PRODUCT.



## OPERATING INSTRUCTIONS

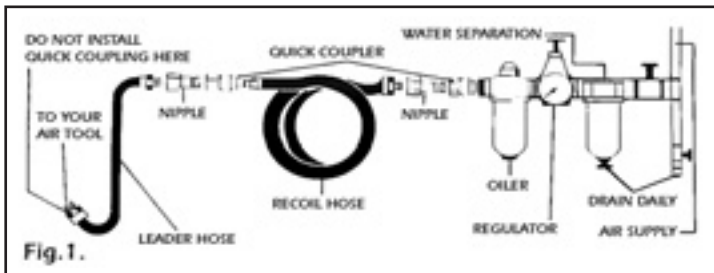
### AIR SUPPLY

Tools in the range generally operate at a maximum pressure of 90psi (see specifications) and this should be controlled via a combined regulator/oil/water separator such as the Draper 4222/1 or 4222/2 units which with proper maintenance will ensure a constant supply of dry air and lubricating oil at all times. See Fig.1. below. Always check machine operating pressure before use.

Water in the compressor tank will cause serious corrosion to your air tools and should be drained daily to avoid excessive water in your air supply. Dirty wet air rapidly shorten the life of your air tool.

If you are using an air tool on a hose over 25ft. long it is advisable to increase the bore of the hose to the next larger size available i.e. 1/4" increases 3/8". This will ensure adequate pressure and volume of air to power the machine.

### RECOMMENDED AIR SUPPLY



### OPERATION

Some air tools have inbuilt regulators which can be used to control speed/torque performance, on machines without inbuilt regulators this can be done by varying the pressure on your air supply regulator.

### MAINTENANCE

Every day, before use, remove the tool from the air line, use an oil can and put the equivalent of a tablespoon of suitable oil into the machine (through the air intake). Operate at low speed to ensure lubrication of all moving parts. If machine is in constant use or is to be used for long periods of time a combination filter/lubricator must be fitted in the system. At all times the system must be fitted with an air filter.

**Recommended oils are Shell Tellus 22, Duckhams Zircon 32 or Castrol AWS32.**

**Do not use normal engine oil or similar.**

**Please note: failure to comply with the above Maintenance/Operating instructions could invalidate the guarantee.**



## TROUBLESHOOTING

PROBLEMS	POSSIBLE CAUSES	REMEDIES
Tool runs at normal speed but loses under load.	<ul style="list-style-type: none"> <li>■ Motor parts worn</li> <li>■ Cam clutch worn or sticking due to lack of lubricant.</li> </ul>	<ul style="list-style-type: none"> <li>■ Lubricating clutch housing.</li> <li>■ Check for excess clutch oil. Clutch cases need only be half full. Overfilling can cause drag on high speed clutch parts, i.e. a typical oiled/lubricated wrench requires 1/2 ounce of oil.</li> <li>■ <b>GREASE LUBRICATED: NOTE:</b> Heat usually indicates insufficient grease in chamber. Severe operating conditions may require more frequent lubrication.</li> </ul>
Tool runs slowly. Air flows slightly from exhaust.	<ul style="list-style-type: none"> <li>■ Motor parts jammed with dirt particles.</li> <li>■ Power regulator in closed position.</li> <li>■ Air flow blocked by dirt.</li> </ul>	<ul style="list-style-type: none"> <li>■ Check air inlet filter for blockage.</li> <li>■ Pour air tool lubricating oil into air inlet as per instructions.</li> <li>■ Operate tool in short bursts quickly reversing rotation back and forth where applicable.</li> <li>■ Repeat above if needed. If this fails return to service centre.</li> </ul>
Tool will not run. Air flows freely from exhaust.	<ul style="list-style-type: none"> <li>■ One or more motor vanes stuck due to material build up.</li> </ul>	<ul style="list-style-type: none"> <li>■ Pour air tool lubricating tool into air inlet.</li> <li>■ Operate tool in short bursts of forward and/or reverse rotation where applicable.</li> <li>■ Tap motor housing gently with plastic mallet.</li> <li>■ Disconnect supply. Free motor by rotating drive shank manually where applicable.</li> <li>■ If tool remains jammed return to service centre.</li> </ul>
Tool will not shut off.	<ul style="list-style-type: none"> <li>■ 'O' rings throttle valve dislodged from seat inlet valve.</li> </ul>	<ul style="list-style-type: none"> <li>■ Replace 'O'ring or return to service centre.</li> </ul>



## SAFETY RULES FOR AIR TOOL PRODUCTS

1. Always wear safety goggles or glasses.
2. Always ensure machine is switched off before connecting to air supply.
3. Disconnect any machine from the air supply before changing blades or discs and before servicing any type of machine.
4. Always keep your air tool clean and lubricated. Daily lubrication is essential to avoid internal corrosion and possible failure.
5. Do not wear watches, rings, bracelets or loose clothing when using air tools.
6. Use only light weight coil hoses from a tool to the wall or compressor coupling. Do not fit quick change couplings onto the machine as vibration can cause the coupling to fail.
7. Do not overload the machine. Allow the tool to operate at its optimum speed for maximum efficiency.
8. Do not increase the air pressure above the manufacturers recommended level, as excessive overload can cause the machine casing to split. Also this creates excessive wear on moving parts and possible failure.
9. In the interests of safety and possible damage to the machine/operator, always ensure that the machine has stopped before putting it down after use.
10. Always ensure that the workpiece is firmly secured leaving both hands free to control the machine.
11. Always ensure that the accessories such as blades, discs, sockets etc. are rated/designed for use with the machine. Also correctly and securely fastened before connecting the machine to the air supply.
12. When grinding, sanding or cutting always wear an appropriate face mask or respiratory equipment.



## AIR TOOLS GUARANTEE

- Draper Air Tools have been carefully tested and inspected before shipment and are guaranteed to be free from defective materials and workmanship for 6 months from the date of purchase except where tools are hired out when the guarantee period is reduced to ninety days from the date of purchase.
- Should the machine develop any fault, please return the complete tool to your nearest authorised warranty repair agent or contact Draper Tools Limited, Chandler's Ford, Eastleigh, Hampshire, SO53 1YF UK. 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 guarantee does not apply to normal wear and tear, nor does it cover any damage caused by misuse, careless or unsafe handling, alterations, accident or repairs attempted or made by any persons other than the authorised Draper warranty repair agent.
- This guarantee applies in lieu of any other guarantee expressed or implied and variation of its terms are not authorised.
- Your Draper guarantee is not effective unless you can produce upon request a dated receipt or invoice to verify your proof of purchase within the guarantee period.
- Please note that this guarantee is an additional benefit and does not affect your statutory rights.

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