KOBE PROFESSIONAL AIR TOOLS

THE ENVIRONMENT

Always dispose of unwanted tools, accessories and packaging materials in an environmentally friendly manner.

DECLARATION OF CONFORMITY

We hereby certify that KOBE REVERSIBLE ANGLE AIR DRIL

(ORDER CODE: KBE-270-1425M)

complies with all the relevant provisions of the

Machinery Directive 2006/42/EC

Standards Applied:

EN ISO 12100:2010, EN ISO 11148-3:2012 , EN ISO 28927-5:2009, EN ISO 15744:2008

Signed:

Date: 27th February 2017

Name: Keith Read

Position: HSQE Manager.

KOBE TOOLS
THE KENNEDY GROUP LTD, WIGSTON, ENGLAND, LE18 2FS.

CE

QUALITY GUARANTEE & WARRANTY

KOBE PROFESSIONAL POWER TOOLS carry a one year manufacturer's warranty.

KOBE PROFESSIONAL POWER TOOLS are designed & manufactured to the highest standards & specifications
Assuring the quality and performance required by all sectors of industry.

KOBE PROFESSIONAL POWER TOOLS are fully guaranteed against faulty materials & workmanship.
Should they be found to be defective, they will either be repaired or replaced free of charge (fair wear and tear and/or misuse excepted).

Please retain supplier invoice as proof of purchase.

KOBE TOOLS OFFICIAL AGENT: THE KENNEDY GROUP, WIGSTON. LEICESTER, ENGLAND. LE18 2FS
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KOBE™
PROFESSIONAL AIR TOOLS

REVERSIBLE ANGLE AIR DRILL

MODEL:
DAR1510

ORDER CODE:
KBE-270-1425M



- **Jacobs chuck**
- **Fingertip control of reverse action**
- **Reverse exhaust**
- **Overall head height 94mm (chuck jaws extended)**
- **Ideal for use in confined spaces**

WARNING: THE SAFETY INFORMATION GIVEN INSIDE MUST BE READ AND UNDERSTOOD BY ANY PERSON USING, INSTALLING, REPAIRING OR MAINTAINING THESE PRODUCTS.

OPERATOR'S MANUAL

Please retain this information for future reference.

SAFETY INSTRUCTIONS

You have purchased a quality product that is designed for high performance and long service life. If correct use, safety and maintenance procedures are observed this machine will last for many years.

KOBE PROFESSIONAL AIR TOOLS have been specifically designed to help you work **SAFELY** and **EFFICIENTLY**. Your care and good judgement are the best protection against injury, but always ensure that the appropriate safety equipment is worn. All possible hazards cannot be covered here, but the most important ones have been highlighted.

- Always adhere to the processes and safety warnings, which are stated in the instruction manual.

GENERAL OPERATING HAZARDS

- Never allow routine to lead to mistakes.
- Never operate if any parts are missing or damaged.
- Never allow untrained persons to operate the tool.
- Use support handle or other method to secure and support the workpiece to a stable platform.
- Do not force the tool. Using the correct tool which is specifically designed for a select job will provide better tool performance and make the job easier.
- Always 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 tool cleaning.
- Only use accessories recommended by the manufacturer.
- Do not leave the tool unattended when it is connected to an air supply.
- Use the dail underneath the lever to select forward (clockwise) or reverse (anti-clockwise) rotation.
- Use compressed air only.

WORKPLACE HAZARDS

- Always ensure your working area is clean and well lit.
- Do not operate in explosive atmosphere, for instance extreme dust, gases and liquids.
- Keep children and bystanders away while operating the tool. Distractions can cause you to lose control.
- Never run the tool in areas exposed to water or in damp conditions.

PERSONAL PROTECTION

- Always wear approved eye protection during operation. Use safety glasses or goggles which conform to BSEN136 or CE equivalent that provide protection from the front and side. The operator of the power tool is responsible for following accepted eye, face, respiratory, hearing and body protection.
- Always ensure that all long hair and loose clothing, ties, scarves, jewellery, etc., are secured or removed.
- Always consult a doctor if numbness, tingling, pain or whitening of the skin occurs. Repetitive work motions, awkward positions and exposure to vibration can cause “Repetitive Strain Injuries”.
- Do not overreach. Keep a proper balance and footing at all times.
- Do not use the tool if under the influence of alcohol, drugs or medication.
- High sound levels can cause permanent hearing loss. Always use hearing protection whilst using the tool.

SPECIFIC SAFETY INSTRUCTIONS

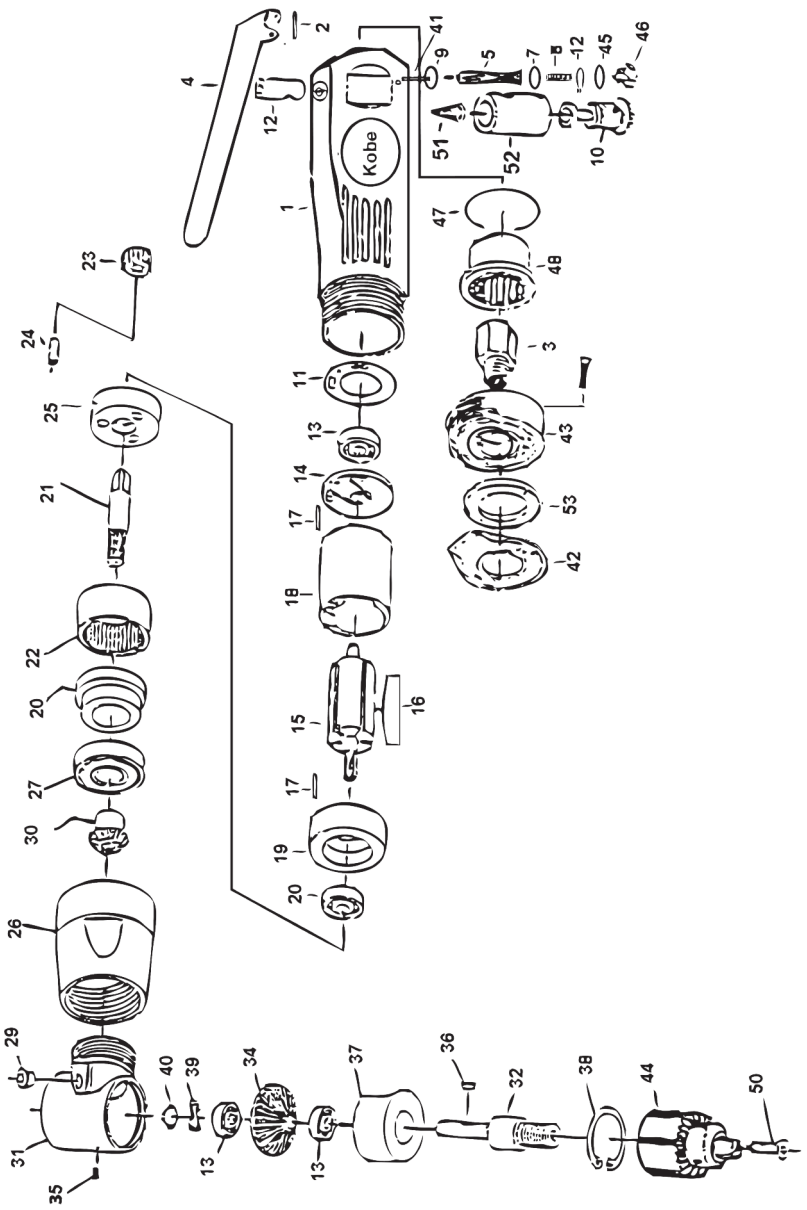
- Disconnect the tool before performing service or when not in use.
- Slips, trips and falls are a major cause of serious injury or death. Be aware of excess hose left on the work floor.
- Store idle power tools out of the reach of children and do not allow persons unfamiliar with the tool or these instructions to operate the tool. Power tools are dangerous in the hands of untrained users.

PARTS BREAKDOWN

Index No.	Order Code	Description	QTY
1	KBE-298-0947S	Motor Housing	1
2	KBE-298-0004S	Pin	1
3	KBE-298-0950S	Air Inlet	1
4	KBE-298-0953S	Throttle Lever	1
5	KBE-298-0956S	Valve Stem	1
6	KBE-298-0959S	Valve	1
7	KBE-298-0962S	O-Ring	1
8	KBE-298-0965S	Spring	1
9	KBE-298-0968S	O-Ring	1
10	KBE-298-0971S	Reverse Dail	1
11	KBE-298-0974S	Motor Gasket	1
12	KBE-298-0977S	Reverse Retainer	1
13	CES-298-0627B	Ball Bearing	1
14	KBE-298-2252S	End Plate	1
15	KBE-298-0980S	Rotor	1
16	KBE-298-0572S	Rotor Blades	1
17	KBE-298-0983S	Pin	1
18	KBE-298-0986S	Cylinder	1
19	KBE-298-0989S	Front End Plate	1
20	CES-298-0609B	Ball Bearing	1
21	KBE-298-0992S	Shaft	1
22	KBE-298-0995S	Internal Gear	1
23	KBE-298-0998S	Planet Gear	1
24	KBE-298-0064S	Pin	1
25	KBE-298-1001S	Cage	1
26	KBE-298-1004S	Lock Ring	1

Index No.	Order Code	Description	QTY
27	CES-298-6003D	Ball Bearing	1
28	KBE-298-1007S	Spacer	1
29	KBE-298-1010S	Oil Cap	1
30	KBE-298-1013S	Pinion	1
31	KBE-298-1016S	Angle Housing	1
32	KBE-298-1019S	Spindle	1
34	KBE-298-1022S	Gear	1
35	KBE-298-1964S	Set Screw	1
36	KBE-298-1025S	Key	1
38	KBE-298-1031S	Retainer Ring	1
39	KBE-298-1034S	Wave Washer	1
40	KBE-298-1037S	Retainer Ring	1
41	KBE-298-1040S	Spring Pin	1
42	KBE-298-1043S	Gasket	1
43	KBE-298-1046S	Rear Cover	1
44	KBE-280-0119A	10mm Chuck	1
45	KBE-298-0022S	O-Ring	1
46	KBE-298-1049S	Throttle Valve Plug	1
47	KBE-298-1052S	Retainer Ring	1
48	KBE-298-1055S	Exhaust Deflector	1
49	KBE-298-1058S	Screw	1
50	KBE-298-2126S	Chuck Screw	1
51	KBE-298-1061S	Spring	1
52	KBE-298-1064S	Reverse Bushing	1
53	KBE-298-1067S	Muffler	1
	KBE-280-0122A	Chuck Key (Not shown)	1

PARTS BREAKDOWN

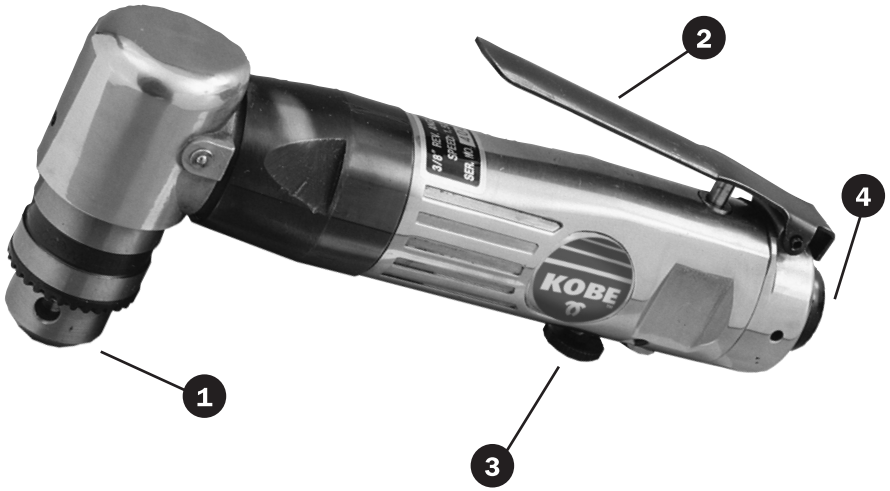


SPECIFICATIONS

ORDER CODE:	KBE-270-1425M
MODEL:	DAR1510
FREE SPEED	1800rpm
CHUCK SIZE	10mm
SPINDLE	(3/8")24m
AIR INLET THREAD	(1/4")NPT
AIR HOSE SIZE (ID)	10mm
AIR PRESSURE	90PSI
AIR CONSUMPTION	4 CFM*
OVERALL LENGTH	205MM
WEIGHT	1.1KG

*Based on 15 second cycle per minute average use.

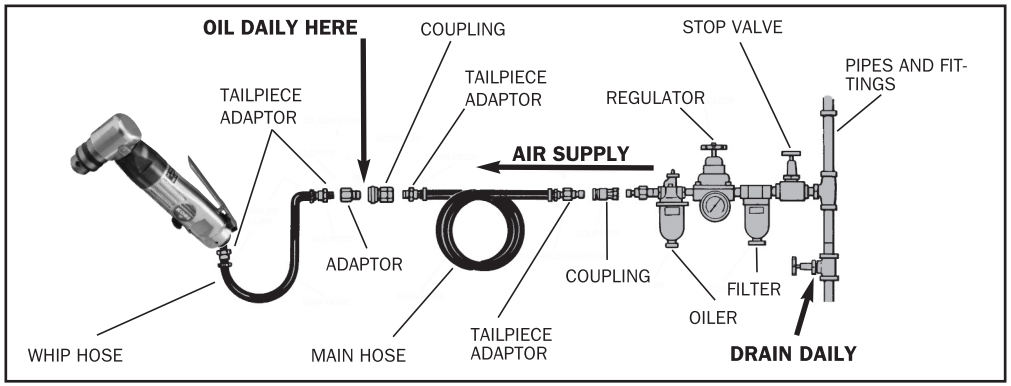
IDENTIFICATION



1. Nose
2. Lever
3. Dail
4. Air Inlet

SUGGESTED AIR SUPPLY

WARNING! BEFORE ATTEMPTING TO ASSEMBLE THIS PRODUCT, MAKE SURE YOU ARE FAMILIAR WITH ALL SAFETY INSTRUCTIONS.



1. For optimal results you should incorporate a 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 air-line connection. Add more after each hour of constant using.
3. Do not exceed maximum air pressure of 90 PSI/ 6.2 bar.

PLEASE NOTE: Use compressed air only.

OPERATION

WARNING! BEFORE ATTEMPTING TO USE THIS PRODUCT, MAKE SURE YOU ARE FAMILIAR WITH ALL OPERATING AND SAFETY INSTRUCTIONS.

1. ONLY use accessories recommended by the manufacturer.
2. Always shut off air supply, relieve hoe of air pressure and disconnect tool from air supply when changing accessories.
3. Hold the tool correctly: be ready to counteract sudden movements, particularly at drill bit breakthrough. The drill bit can suddenly bind and cause the workpiece or tool to rotate, causing arm or shoulder injuries.
4. Side handles are commended for straight drills with a chuck capacity larger than 6.5mm (1/4 inch), or if the torque reaction may exceed 4Nm (3 lbf.ft). Side handles are commended for pistol-grip drills with a chuck capacity larger than 10mm (3/8 inch), or if the torque reaction may exceed 10Nm (7.5 lbf.ft).

MAINTENANCE

- Lubricate the tool daily with a high 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, prior to operating the tool. The rust inhibitive oil is acceptable for air tools.
- Store tool away in a dry, clean and secure place out of reach of children.

SERVICE & REPAIRS

A comprehensive repair and service facility is available through your local Kobe agent.



