KOBE PROFESSIONAL AIR TOOLS

THE ENVIRONMENT

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

In observance of European Directive 2012/19/EU on Waste Electrical and Electronic Equipment (WEEE) and its implementation in accordance with national law, electrical goods that have reached the end of their life must be collected separately and returned to an environmentally compatible recycling facility.

Do not dispose of electrical goods with domestic waste materials as inappropriate disposal may cause potential hazards to the environment and human health.

For further information, please contact your local authority or the retailer from whom you purchased the product.

DECLARATION OF CONFORMITY

We hereby certify that KOBE GA1011L 100mm/4" ANGLE GRINDER

(ORDER CODE: KBE-270-2050P)

complies with all the relevant provisions of the

Machinery Directive: 2006/42/EC

Standards Applied:

EN ISO 12100:2010, EN ISO 11148-6:2010, EN ISO 28927-2:2009, EN ISO 15744:2008

Signed:

Date: 1st June 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™
INDUSTRIAL AIR TOOLS

100mm/4" ANGLE GRINDER

MODEL:
GA1011L

ORDER CODE:
KBE-270-2050P

- **Safety lever throttle**
- **Front exhaust for user comfort & clearance of dust it larger etc**
- **Fully adjustable safety guard that locks into position**
- **Lightweight & compact**



CE

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 INDUSTRIAL 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.

WORKPLACE HAZARDS

- Always ensure your working area is clean and well lit.
- When working at height make sure that the tool is safely secured and be aware of objects falling below. Make sure that no persons are working directly below the working area.
- 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”.
- When operating the tool stay alert and use common sense, especially when it comes to working at height. Be aware of what’s below you.
- 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.

SPECIFIC SAFETY INSTRUCTIONS

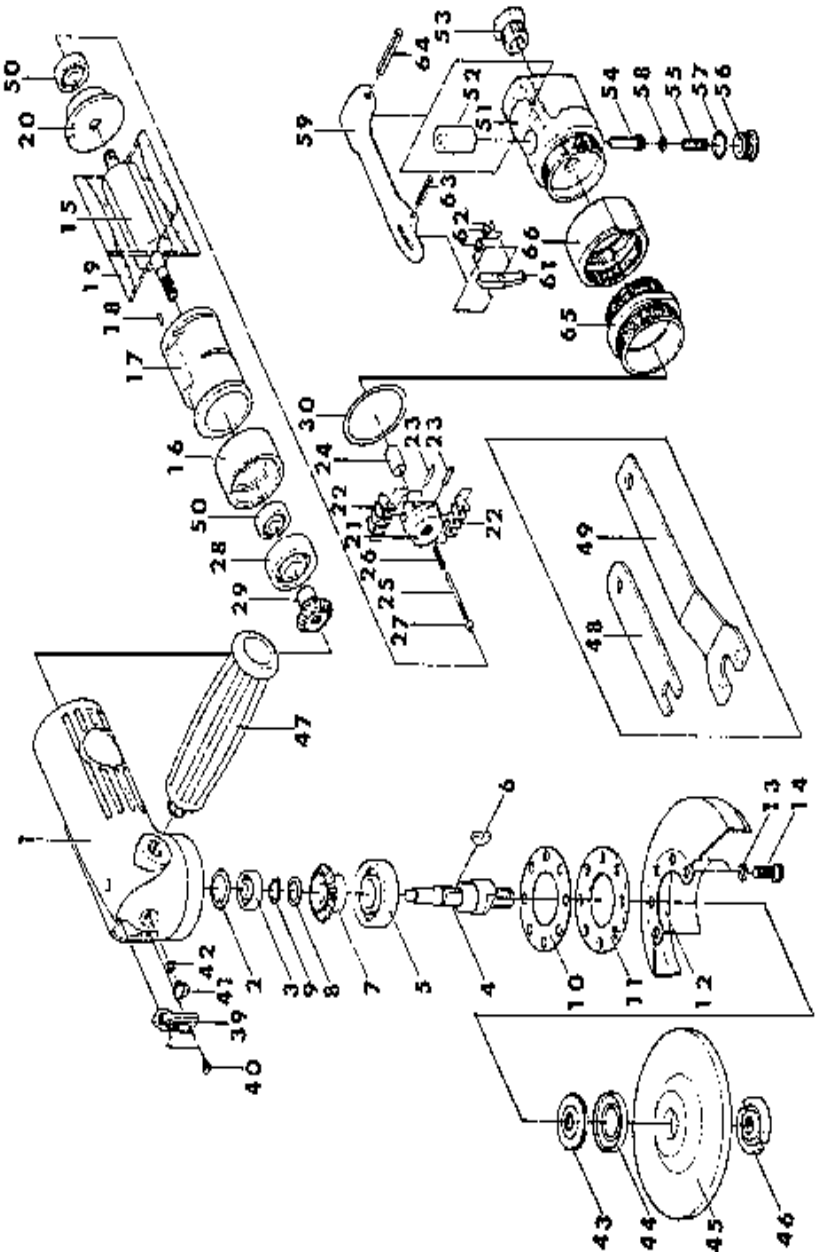
- Disconnect tool before performing service or when not in use.
- Slip/Trip/Fall is a major cause of serious injury or death. Be aware of excess hose left on the walking or work ground.

PARTS BREAKDOWN

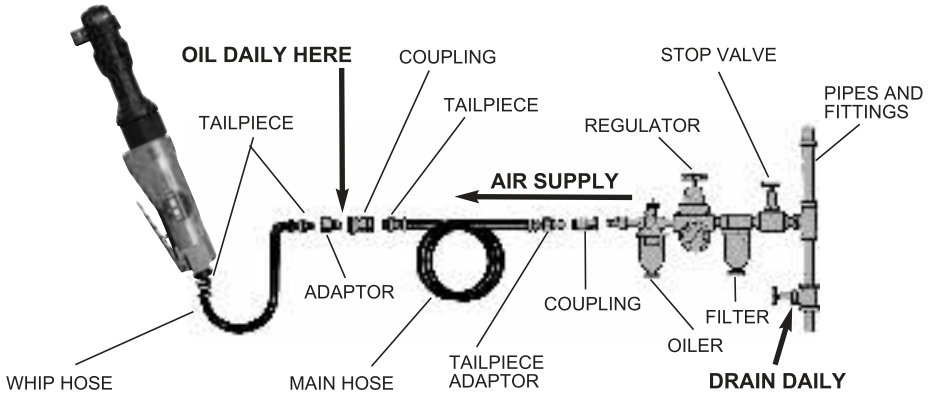
INDEX NO.	ORDER CODE KBE-298	DESCRIPTION	QTY
1	KBE-298-2867S	MOTOR HOUSING	1
2	KBE-298-2870S	SEAL PLATE	1
3	CES-298-0627B	BALL BEARING	1
4	KBE-298-2873S	ARBOR	1
5	CES-298-6205F	BALL BEARING	1
6	KBE-298-2879S	WOODRUFF KEY	
7	KBE-298-2882S	BEVEL GEAR	1
8	KBE-298-2885S	WAVE WASHER	1
9	KBE-298-2888S	STOP RING	1
10	KBE-298-2891S	GASKET	1
11	KBE-298-2894S	END PLATE CAP	1
12	KBE-298-2897S	WHEEL GUARD	1
13	KBE-298-2900S	SPRING WASHER	1
14	KBE-298-2903S	CAP BOLT	1
15	KBE-298-2906S	ROTOR	1
16	KBE-298-2909S	FRONT END PLATE	4
17	KBE-298-2912S	CYLINDER	1
18	KBE-298-2915S	SPRING PIN	1
19	KBE-298-2918S	ROTOR BLADE	4
20	KBE-298-2921S	REAR END PLATE	1
21	KBE-298-2924S	GOVERNOR	1
22	KBE-298-2927S	PENDULUM	1
23	KBE-298-2930S	SPRING PIN	3
24	KBE-298-2933S	PLUNGER	3
25	KBE-298-2936S	ADJUSTER SCREW	1
26	KBE-298-2939S	SPRING	1
27	KBE-298-2942S	ADJUSTER NUT	1
28	CES-298-6203D	BALL BEARING	1
29	KBE-298-2945S	BEVEL PINION	1
30	KBE-298-2948S	O-RING	1
39	KBE-298-2951S	EXHAUST DEFLECTOR	1
40	KBE-298-2954S	TAPPING SCREW	1
41	KBE-298-2957S	THRUST WASHER 1/2"	1
42	KBE-298-2960S	O-RING	1
43	KBE-298-2963S	FLANGE	2

INDEX NO.	ORDER CODE KBE-298	DESCRIPTION	QTY
44	KBE-298-2966S	FLANGE RUBBER SHIELD	1
45		GRINDING DISK	1
46	KBE-298-2972S	FLANGE NUT	1
47	KBE-298-2975S	HANDLE	1
48	KBE-298-2978S	WRENCH(A) PIN TYPE	2
49	KBE-298-2981S	WRENCH (B) SPINDLE	1
50	CES-298-0609B	BALL BEARING	1
51	KBE-298-2984S	THROTTLE VALVE	1
52	KBE-298-2987S	BUSHING	1
53	KBE-298-2990S	AIR INLET BUSH	2
54	KBE-298-2993S	VALVE STEM	1
55	KBE-298-2996S	VALVE SPRING	1
56	KBE-298-2999S	THROTTLE LEVER PLUG	1
57	KBE-298-3002S	O-RING	1
58	KBE-298-3005S	O-RING	2
59	KBE-298-3008S	SAFETY THROTTLE LEVER	1
61	KBE-298-3011S	THROTTLE LEVER LOCK	1
62	KBE-298-3014S	TORSION SPRING	1
63	KBE-298-3017S	SPRING PIN	2
64	KBE-298-3020S	SPRING PIN	1
65	KBE-298-3023S	LOCK RING	1
66	KBE-298-3026S	COUPLING NUT	1
		OPTIONAL SERVICE KITS	
	KBE-298-3029S	SERVICE KIT (51,52,53)	
	KBE-298-3032S	SERVICE KIT (59,61,62,63)	
	KBE-298-3035S	SERVICE KIT (21 TO 27INC)	
	KBE-298-3038S	BEVEL GEAR SET (7,9)	
	KBE-298-3041S	O-RING SET 2 (57,58)	

PARTS BREAKDOWN



SUGGESTED AIR SUPPLY



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 or as stated on tool nameplate.

SPECIFICATIONS

ORDER CODE:	**KBE-270-2050P**
MODEL:	**GA1011L**
FREE SPEED:	**200RPM**
TORQUE:	**50FT/LBS**
AIR INLET THREAD:	**1/4" NPT**
AIR HOSE SIZE (ID):	**10mm**
AIR PRESSURE:	**90PSI**
AIR CONSUMPTION:	**4CFM***
OVERALL LENGTH:	**280mm**
WEIGHT:	**1.3 KG**

***Based on 15 second cycle per minute average use.**

OPERATION

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

Check the position of the reversing mechanism before operating the tool so as to be aware of the direction of rotation when operating. Before using an Angle Grinder, during use or installing a new grinding/cutting disc. Inspect the discs for chips and cracks. Grinding discs with flaws, can explode whist rotating. Replace discs when worn. Always handle both the Angle Grinder and individual grinding discs carefully to avoid damage.

GRINDING/CUTTING DISC ASSEMBLY:

1. Discount the Angle Grinder from the air supply
2. To hold the spindle in place, depress the spindle lock button and rotate the spindle until the spindle lock locates and the spindle will not move.
3. Remove the outer flange nut and ensure that the inner flange is screwed-up hand-tight against the head of the Angle Grinder.
4. Position the flange nut depending on the thickness of the disc over the spindle and disc and hand-tighten.
5. Locate the pin wrench into the two holes on the flange nut and hand-tighten further.

DISC GUARD ADJUSTMENT:

1. Discount the Angle Grinder from the air supply.
2. Lift up the lock ring and rotate the disc guard to the desired position.
3. Let go of the lock ring and ensure it has located correctly by attempting to turn the disc guard. Never remove the disc cover completely.

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. The rust inhibitive oil is acceptable for air tools.

SERVICE & REPAIRS

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



