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 re-cycling 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 SR500 1/2" SQ. DR. RATCHET SPEED WRENCH

(ORDER CODE: KBE-270-2500K)

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: 5th 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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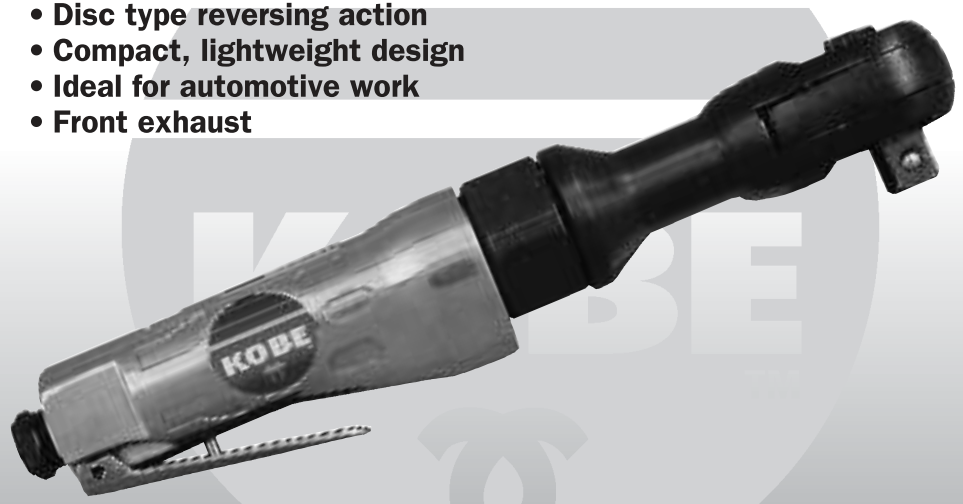
KOBE™
PROFESSIONAL AIR TOOLS

1/2" SQ. DR. RATCHET SPEED WRENCH

MODEL:
SR500

ORDER CODE:
KBE-270-2500K

- **Ball type retainer**
- **Disc type reversing action**
- **Compact, lightweight design**
- **Ideal for automotive work**
- **Front exhaust**



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 PROFESSIONAL POWER 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

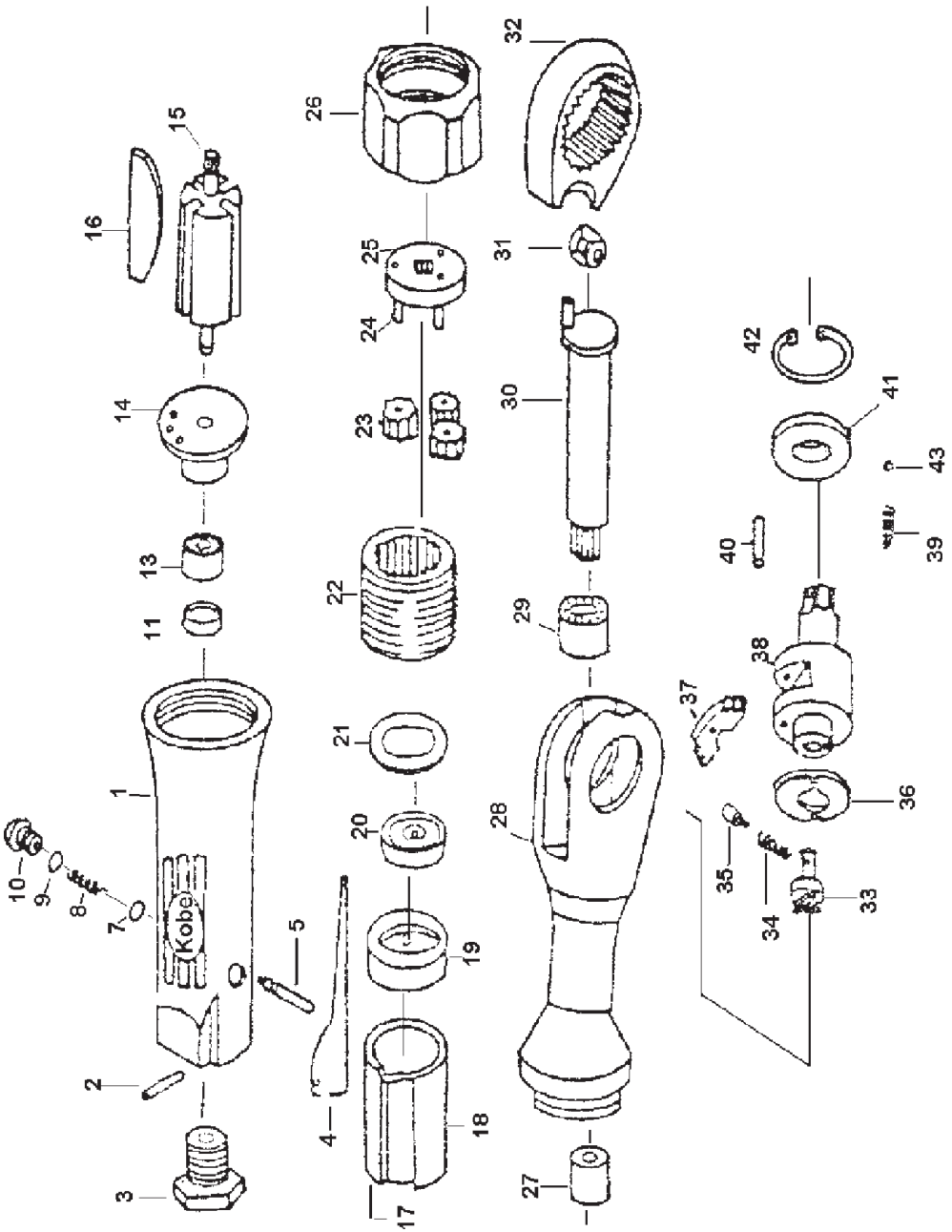
- Disconnect tool before performing service or when not in use.
- High sound levels can cause permanent hearing loss. Use hearing protection during operation.
- Maintain a balanced body position and secure footing.
- Slip/Trip/Fall is a major cause of serious injury or death. Be aware of excess hose left on the walking or work ground.
- Repetitive work motions, awkward positions and exposure to vibration can be harmful to hands and arms. If numbness, tingling, pain or whitening of the skin occurs, stop using the tool and consult a physician.
- Always wear impact-resistant eye and face protection when operating the tool or near the operation, repairing, maintaining the tool or changing accessories on the tool.
- Use support handle or other practical ways to secure and support the work piece to a stable platform.
- Do not force the tool. Use the correct tool for your application. The correct tool can do the job better and more secure at the rate of tool designed.
- 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 cleaning the tool.
- Use only accessories recommended by the manufacturer for your model.
- Use the lever underneath the trigger to select forward (clockwise) or reverse (anti-clockwise) rotation.
- Do not leave the tool unattended when it is connected to an air supply.
- Use compressed air only.

PARTS BREAKDOWN

INDEX NO.	ORDER CODE KBE-298	DESCRIPTION	QTY
1	0001S	HOUSING	1
2	0004S	SPRING PIN	1
3	0007S	CONNECTION	1
4	0010S	SAFETY THROTTLE LEVER	1
5	0013S	THROTTLE VALVE	1
7	0016S	O-RING	1
8	0019S	SPRING	1
9	0022S	O-RING	1
10	0025S	VALVE PLUG	1
11	0028S	END PLATE CAP	1
13	CES-298-0627B	BEARING	1
14	0034S	REAR END PLATE	1
15	0037S	ROTOR	1
16	0040S	VANES	4
17	0043S	PIN	1
18	0046S	CYLINDER	1
19	0049S	FRONT END PLATE	1
20	CES-298-0609B	BEARING	1
21	0055S	WASHER	1
22	0058S	THREAD RING GEAR	1
23	0061S	IDLER GEAR	3

INDEX NO.	ORDER CODE KBE-298	DESCRIPTION	QTY
24	0064S	IDLER GEAR PIN	3
25	0067S	IDLER GEAR PLATE	1
26	0070S	CLAMP NUT	1
27	0073S	SPACER	1
28	0076S	RATCHET HOUSING	1
29	0079S	NEEDLE BEARING	1
30	0082S	CRANK SHAFT	1
31	0085S	DRIVE BUSHING	1
32	0088S	YOKE	1
33	0091S	REVERSE BUTTON	1
34	0094S	SPRING	1
35	0097S	SPRING CAP	1
36	0100S	WASHER	1
37	0103S	RATCHET PAWL	1
38	0109S	RATCHET ANVIL 1/2"	1
39	0112S	SPRING	1
40	0115S	PIN	1
41	0121S	THRUST WASHER 1/2"	1
42	0124S	RETAINER RING	1
43	0127S	BALL	2

PARTS BREAKDOWN

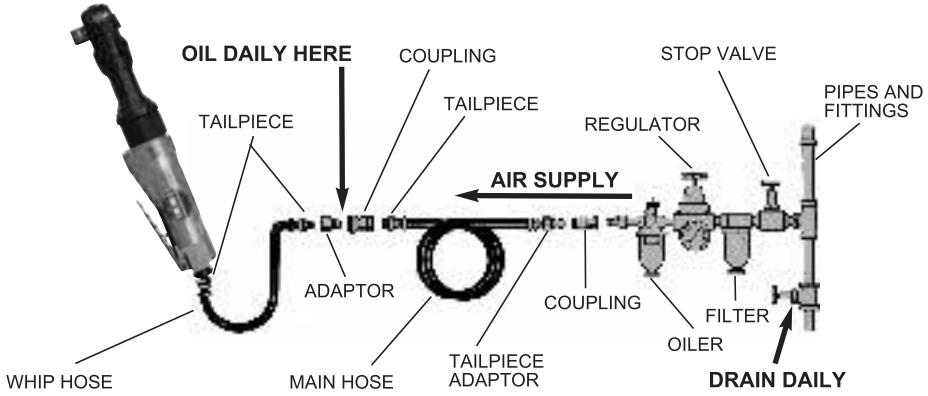


SPECIFICATIONS

ORDER CODE:	**KBE-270-2500K**
MODEL:	**SR500**
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:	**265mm**
WEIGHT:	**1.1 KG**

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

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.

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. Use only impact sockets and accessories. **Do not use** the hand sockets or accessories. Check the drive end of the tool to make sure that the socket retainer functions correctly and that sockets and drive ends are not excessively worn which may allow the socket to come off when rotating. Connections requiring specific torque must be checked with a torque meter after fitting with an ratchet wrench.

LOOSENING

Attach the correct size socket to the anvil. Set the compressor's pressure regulator to 90PSI. Connect the tool to the air compressor's hose. If leakage is detected, disconnect the air hose and fix it correct before use. Place the socket over the nut to loosen. Grip the tool firmly.

TIGHTENING

Make sure that the nut or bolt you are using the tool to tighten can withstand the rated torque. Tighten the nut as far as you can by hand. Place the socket on the nut. Press the Reverse valve forward so it protrudes out the front of the housing. Press the trigger to start the tool.

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.



