



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

## DECLARATION OF CONFORMITY

We hereby certify that **KOBE 1" DRIVE HEAVY DUTY PISTOL GRIP AIR IMPACT WRENCH**

(ORDER CODE: KBE-270-1620A)

complies with all the relevant provisions of the

**Machinery Directive 2006/42/EC**

Standards Applied:

BS EN ISO 11148-6:2012, BS EN ISO 28927-2:2010, BS EN ISO 15744 :2008

Signed:



Date: 17th February 2017

Name: Keith Read

Position: HSQE Manager.

**KOBE TOOLS**

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



## QUALITY GUARANTEE & WARRANTY

**KOBE INDUSTRIAL AIR TOOLS carry a one year manufacturer's warranty.**

**KOBE INDUSTRIAL AIR TOOLS are designed & manufactured to the highest standards & specifications**

Assuring the quality and performance required by all sectors of industry.

**KOBE INDUSTRIAL AIR 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<sup>TM</sup>

## INDUSTRIAL AIR TOOLS

## 1" PISTOL AIR IMPACT WRENCH

**MODEL:  
KPI295**

**ORDER CODE:  
KBE-270-1620A**



- Heavy duty pistol grip Air Impact Wrench suitable for industrial and commercial production and assembly applications.
- Side handle for two handed operation.
- Front or rear mounting spring balance loop.
- Easy to use forward/reverse switch and 3 position power regulator.
- Forward facing exhaust.
- Oiling points for daily maintenance.



**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.

**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.
- 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.
- Do not carry with your hand on the power trigger in order to avoid unintentional starting.
- Do not drop, throw or abuse the wrench as it is a precision tool
- 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

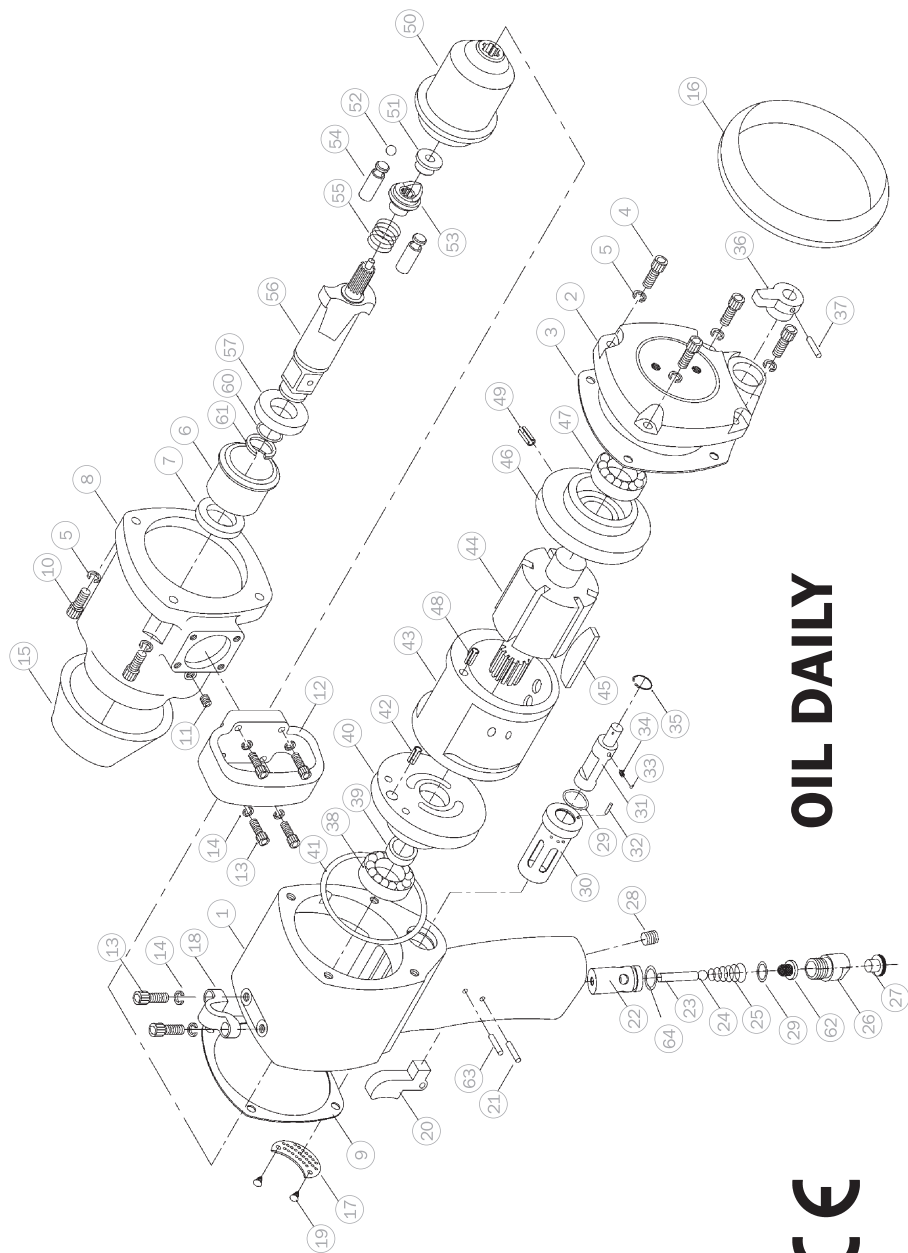
- Always wear approved eye protection during operation. Use safety glasses or goggles which conform to BSEN136 or CE equivalent that provide protection from the front and side. The operator of the power tool is responsible for following accepted eye, face, respiratory, hearing and body protection.
- 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.

| INDEX NO. | ORDER CODE KBE-298 | DESCRIPTION                    | QTY | INDEX NO. | ORDER CODE KBE-298 | DESCRIPTION               | QTY |
|-----------|--------------------|--------------------------------|-----|-----------|--------------------|---------------------------|-----|
| 1         | 7060P              | MOTOR HOUSING                  | 1   | 32        | 7029P              | PIN (Ø2-L9.8)             | 1   |
| 2         | 7061P              | REAR COVER                     | 1   | 33        | 7030P              | STEEL BALL (Ø1/8")        | 1   |
| 3         | 7062P              | REAR GASKET                    | 1   | 34        | 7031P              | SPRING                    | 1   |
| 4         | 7003P              | SKT CAP SCREW (M8 L25)         | 1   | 35        | 7004P              | CIRCLIP (Ø22.5)           | 1   |
| 5         | 7064P              | SPRING WASHER                  | 1   | 36        | 7095P              | DIRECTION/POWER LEVER     | 1   |
| 6         | 7065P              | ANVIL BUSHING                  | 1   | 37        | 7096P              | SPRING PIN (Ø3 X L24)     | 1   |
| 7         | 7066P              | OIL SEAL (D40.7-D50-L7)        | 1   | 38        | 7097P              | BALL BEARING (S:6005)     | 1   |
| 8         | 7067P              | CLUTCH HOUSING                 | 1   | 39        | 7098P              | OIL SEAL (D24.7-D35-L4.6) | 1   |
| 9         | 7068P              | FRONT GASKET                   | 1   | 40        | 7099P              | FRONT END PLATE           | 1   |
| 10        | 7009P              | SKT CAP SCREW (M8 L30)         | 1   | 41        | 7100P              | "O" RING (D70-Ø4)         | 1   |
| 11        | 7070P              | CLAMP SCREW (PT1/8" X L8)      | 1   | 42        | 7037P              | SPRING PIN (Ø6 X L16)     | 1   |
| 12        | 7071P              | SIDE HANDLE                    | 1   | 43        | 7102P              | CYLINDER                  | 1   |
| 13        | 7012P              | SKT CAP SCREW (M6 L16)         | 1   | 44        | 7103P              | ROTOR                     | 1   |
| 14        | 7073P              | SPRING WASHER                  | 1   | 45        | 7104P              | ROTOR BLADE               | 1   |
| 15        | 7074P              | PROTECTING RUBBER              | 1   | 46        | 7105P              | REAR END PPLATE           | 1   |
| 16        | 7075P              | PROTECTING RUBBER              | 1   | 47        | 7042P              | BALL BEARING (S:6204)     | 1   |
| 17        | 7076P              | MUFFLE PLATE                   | 1   | 48        | 7043P              | SPRING PIN (Ø6-L18)       | 1   |
| 18        | 7077P              | HANGER                         | 1   | 49        | 7044P              | SPRING PIN (Ø3-L6)        | 1   |
| 19        | 7078P              | PHILLIPS CSK. SCREW (M3 X L12) | 1   | 50        | 7109P              | HAMMER CAGE               | 1   |
| 20        | 7079P              | TRIGGER                        | 1   | 51        | 7110P              | DRIVE CAM BASE            | 1   |
| 21        | 7080P              | SPRING PIN (Ø3 X L22)          | 1   | 52        | 7111P              | STEEL BALL (Ø1/2")        | 1   |
| 22        | 7081P              | THROTTLE BUSHING               | 1   | 53        | 7112P              | DRIVE CAM                 | 1   |
| 23        | 7082P              | THROTTLE PIN (Ø4-L27.8)        | 1   | 54        | 7113P              | HAMMER BAR                | 1   |
| 24        | 7030P              | STEEL BALL (Ø1/8")             | 1   | 55        | 7114P              | SPRING                    | 1   |
| 25        | 7084P              | SPRING                         | 1   | 56        | 7115P              | ANVIL (165MM)             | 1   |
| 26        | 7085P              | HOSE FITTING                   | 1   | 57        | 7118P              | ANVIL WASHER              | 1   |
| 27        | 7086P              | DUST COVER                     | 1   | 60        | 7052P              | "O" RING (D17.6-Ø2.8)     | 1   |
| 28        | 7087P              | CLAMP SCREW (PT1/4" X L11)     | 1   | 61        | 7120P              | ANVIL COLLAR              | 1   |
| 29        | 7028P              | "O" RING (D15.8Ø2.4(P16)       | 1   | 62        | 7121P              | SCREEN                    | 1   |
| 30        | 7089P              | VALVE SLEEVE                   | 1   | 63        | 7122P              | SPRING PIN (Ø3-L18)       | 1   |
| 31        | 7090P              | REVERSE VALVE                  | 1   | 64        | 7123P              | "O" RING (D10.7-Ø1.5)     | 1   |

**PLEASE NOTE:** 280mm (11") & 330mm (13") Anvils available, price and fitting available upon request.



**OIL DAILY**

**CE**

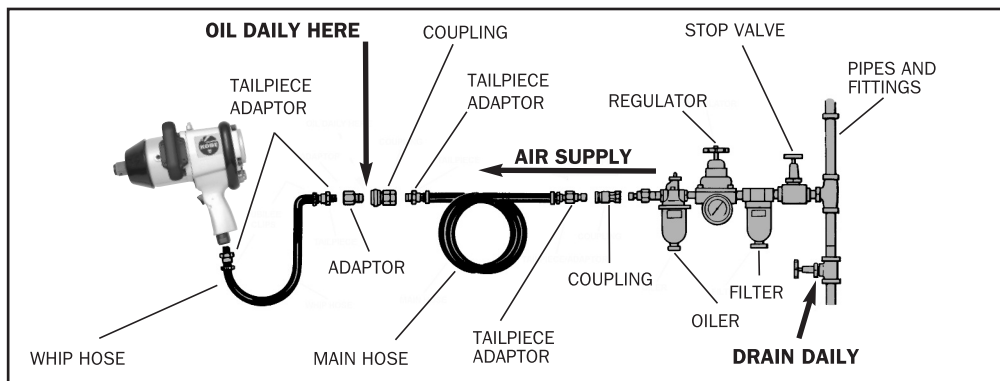
|                    |                      |
|--------------------|----------------------|
| ORDER CODE:        | KBE-270-1620A        |
| MODEL:             | FK-876               |
| WEIGHT:            | 10KG                 |
| OVERALL LENGTH:    | 295mm                |
| AIR INLET THREAD   | 1/2" NPT             |
| AIR HOSE SIZE (ID) | 13mm (1/2")          |
| AIR PRESSURE       | 90PSI (6.2 Bar)      |
| AIR CONSUMPTION    | 5.6 CFM              |
| WORKING TORQUE     | 2,240NM (1800LB.FT)  |
| MAXIMUM TORQUE     | 2,712NM (2000 LB.FT) |

Before disposing of the packaging or attempting to assemble this product please check that the all of the below components are present and are not damaged.

- 1 x Drive Heavy Duty Pistol Air Impact
- 1 x Wrench c/w
- 1 x Side handle
- 1 x Hanging loop
- 6 x (M6 x 16mm) Socket head capscrews
- 6 x Spring washers
- 1 x 5mm Hexagon Key,
- 1 x 6mm Hexagon Key & Oil Pot



**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. Carry out daily inspection/lubrication of the tool.
2. Select the correct socket for the job and check for damage.
3. Fit the socket to the Impact Wrench, making sure it is pressed home fully on the drive.
4. Set the tool to forward/reverse as required using the switch on the rear of the tool.
5. Locate the socket on the target and pull the trigger to tighten/loosen the target nut/bolt.
6. Adjust the Speed/Power as required using the switch on the rear of the tool in order to complete the task.



## TORQUE

| Period        | Position 1         | Position 2         | Position 3         |
|---------------|--------------------|--------------------|--------------------|
| up to 5 Secs. | 1356Nm (1000lb/ft) | 1627Nm (1200lb/ft) | 2170Nm (1600lb/ft) |
| over 10 Secs. | 1627Nm (1200lb/ft) | 2170Nm (1600lb/ft) | 2440Nm (1800lb/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.
- Loss of power or erratic action may be due to the following :
  - a) Excessive drain on the air line. Moisture or restriction in the air pipe. Incorrect size or type of hose connectors. To remedy check the air supply and follow instructions
  - b) Grit or gum deposits in the wrench may also reduce performance. If your model has an air strainer ( located in the area of the air inlet), remove the strainer and clean it. Flush the wrench out with gum solvent oil or an equal mixture of SAE No 10 oil and paraffin. Allow to dry before use.

# SERVICE & REPAIRS

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

