KOBE INDUSTRIAL 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.

RoHS

This product does not contain any restricted substances in concentrations and applications which are banned by the European RoHS2 Directive.

DECLARATION OF CONFORMITY

We hereby certify that KOBE 3/4" AIR IMPACT WRENCH

(ORDER CODE: KBE-270-2325S)

complies with all the relevant provisions of the

EC Directives
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: 1st January 2017

Name: Keith Read

Position: HSQE Manager.

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

CE

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

3/4" AIR IMPACT WRENCH

MODEL:
IW750

ORDER CODE:
KBE-270-2325S



- One piece aluminium housing
- High-low power regulator
- Thumb switch for reversing

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

- Always ensure all users are physically able and competent to handle the size, weight and power of the tools and have received appropriate training to perform the task.
- Always avoid accidental starting of the tool by disconnecting it before replacing accessories or repairing.
- Always be aware of the tool rundown time.
- 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.

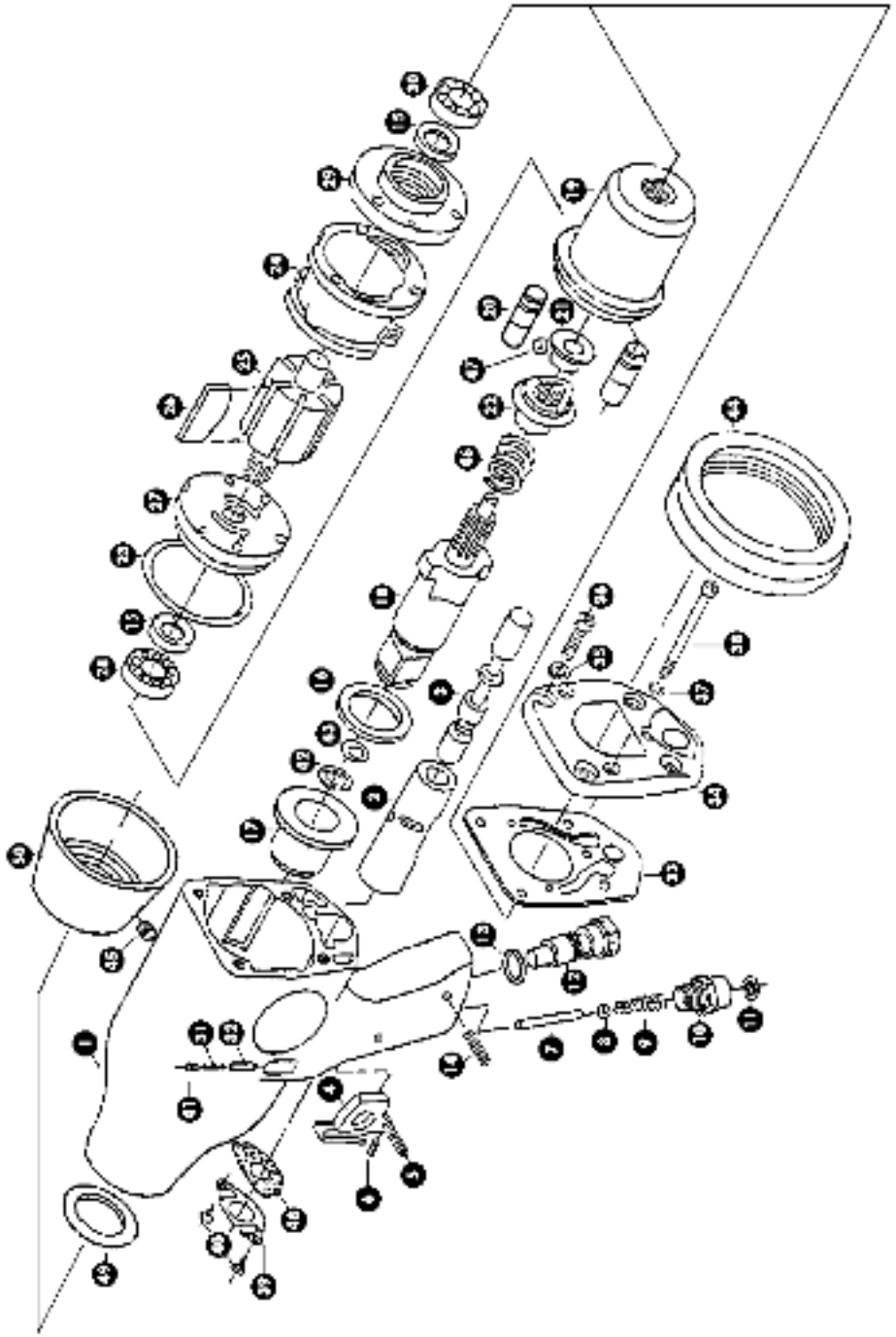
SPECIFIC SAFETY INSTRUCTIONS

- Always ensure all accessories are rated to the “Free” speed of the air tool and intact before fitting or using.
- Always use air tool attachments that are in good condition and are designed to be used with the tool.
- Always be aware of the risk of crushing between the tool and the workpiece due to sudden movement or reaction forces.
- Always shut off air supply, drain hose of air pressure and disconnect tools from air supply when not in use, before changing accessories or when making repairs.
- Never apply additional or over excessive force to the air tool.

PARTS BREAKDOWN

No.	Order Code	Description	Qty
1	KBE-298-0046Y	Housing	1
2	KBE-298-0049Y	Valve Sleeve	1
3	KBE-298-0052Y	Reverse Valve	1
4	KBE-298-0055Y	Trigger	1
5	KBE-298-0013Y	Throttle Spring Pin	1
6	KBE-298-0292Y	Screw	1
7	KBE-298-0058Y	Valve Stem	1
8	KBE-298-0061Y	Ball Valve	1
9	KBE-298-0004Y	Spring	1
10	KBE-298-0064Y	Hose Adaptor	1
11	KBE-298-0007Y	Screen	1
12	KBE-298-0067Y	Air Regulator	1
13	KBE-298-0070Y	O-Ring	1
14	KBE-298-0073Y	Pin	1
15	KBE-298-0076Y	Oil Seal	1
16	KBE-298-0079Y	Spacer	1
17	KBE-298-0082Y	Anvil Bushing	1
18	KBE-298-0085Y	Anvil 3/4"	1
19	KBE-298-0088Y	Hammer Cage	1
20	KBE-298-0091Y	Hammer Bar	1
21	KBE-298-0094Y	Drive Cam Foundation	1
22	KBE-298-0097Y	Drive Cam	1
23	KBE-298-0100Y	O-Ring	1
24	KBE-298-0103Y	Cylinder	1
25	KBE-298-0106Y	Rotor	1
26	KBE-298-0109Y	Rotor Blade	6
27	KBE-298-0112Y	Front End Plate	1
28	CES-298-6005F	Bearing	1
29	KBE-298-0118Y	Rear End Plate	1
30	CES-298-6005F	Bearing	1
31	KBE-298-0016Y	Spring	1
32	KBE-298-0124Y	Pin	1
33	KBE-298-0127Y	Rear Gasket	1
34	KBE-298-0130Y	Rear Cover	1
35	KBE-298-0133Y	Washer	1
36	KBE-298-0136Y	Screw	1
37	KBE-298-0022Y	Washer	1
38	KBE-298-0139Y	Screw	1
39	KBE-298-0025Y	Exhaust Deflector	1
40	KBE-298-0028Y	Screw	1
41	KBE-298-0031Y	Screw	1
42	KBE-298-0142Y	Anvil Collar	1
43	KBE-298-0145Y	O-Ring	1
44	KBE-298-0148Y	Protecting Rubber	1
45	KBE-298-0151Y	Screw	1
46	KBE-298-0154Y	Spring	1
47	KBE-298-0157Y	Steel Ball	1
48	KBE-298-0160Y	Muffler	1
49	KBE-298-0163Y	Oil Seal	1
50	KBE-298-0166Y	Protecting Rubber	1

PARTS BREAKDOWN

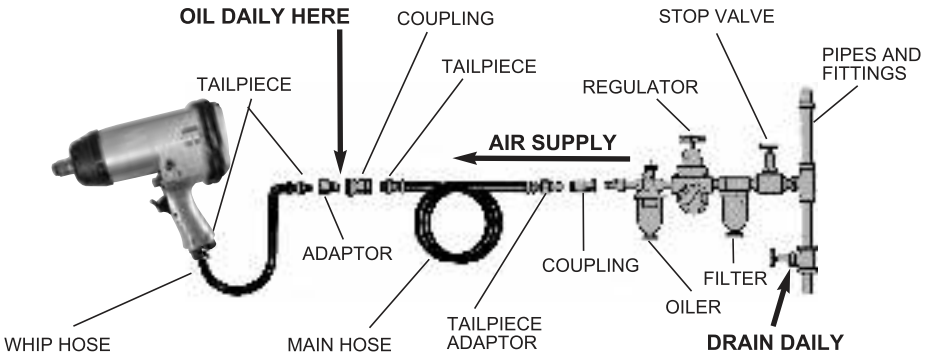


SPECIFICATIONS

MODEL NUMBER	**IW750**
BOLT CAPACITY	M24
TORQUE (5 Sec.)	700ft/lbs
AIR INLET THREAD	1/4" BSP
AIR HOSE SIZE (ID)	9.5mm
AIR PRESSURE	90PSI
AIR CONSUMPTION	4.2CFM*
OVERALL LENGTH	245mm
WEIGHT	4.64 kg

*Based on 15 second cycle per minute average use.

SUGGESTED AIR SUPPLY

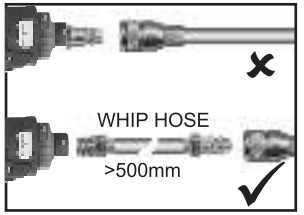


1) Before connecting, ensure the dust cap is removed **(Fig A)**.
2) Connect tools to the air line using pipe, hose and fitting sizes listed in the specifications.
3) Supply tools with 6.2bar (90psi) of clean, dry air. A higher pressure and unclean air will shorten the tool life because of faster wear and may create a hazardous condition.



REQUIREMENTS FOR QUICK ACTING COUPLINGS CONNECTED TO AIR TOOLS:
A whip hose of minimum length 500mm between the tool and the coupling is required in order to comply with Health and Safety

Executive Guide **HS(G) 39, BS4575:2, ISO 4414 and ISO 6150.**
This will also reduce the strain applied by the weight of the air hose on the end of the air tool.



OPERATION

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

ATTACHING OR REMOVING CONSUMABLE ACCESSORIES

1. Disconnect from air supply before changing accessories or serving. Maintain the wrench in good condition and replace any damaged or worn parts. Use genuine parts only. Non-authorized parts may be dangerous and will invalidate the warranty.
2. Warning : Check correct air pressure is maintained and not exceeded. We recommend 90 psi.
   Keep air hose away from heat, oil and sharp edges.
   Check air hose for wear before each use and ensure that all connections are secure.
   Only use impact sockets which are specifically designed for use with a impact wrench.
3. Do not carry wrench with your hand on the power trigger in order to avoid unintentional starting.
4. When not in use disconnect from air supply and store in a safe, dry, childproof location.

USING THE AIR TOOL

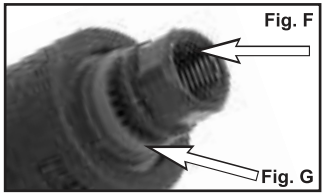
1. Disconnect from air supply before changing accessories or serving. Maintain the wrench in good condition and replace any damaged or worn parts. Use genuine parts only. Non-authorized parts may be dangerous and will invalidate the warranty.
2. Warning : Check correct air pressure is maintained and not exceeded. We recommend 90 psi. Keep air hose away from heat, oil and sharp edges. Check air hose for wear before each use and ensure that all connections are secure.
   Only use impact sockets which are specifically designed for use with a impact wrench.
3. Wear approved safety eye/face shield, ear defenders, and hand protection.
4. Due to the possible presence of asbestos dust from brake linings, when working around vehicle brake systems we recommend you wear suitable respiratory protection. Maintain correct balance and footing. Ensure the floor is not slippery and wear non-slip shoes. Keep children and unauthorized persons away from the work area.
5. Do not use the wrench for a task if is not designed to perform.
6. Do not use wrench if damaged or though to be faulty.
7. Do not use wrench unless you have been instructed in its use by a qualified person.
8. Do not drop, throw or abuse the wrench as it is a precision tool.
9. Do not carry the wrench by the air hose, or yank the hose from the air supply.
10. Do not operate wrench if you are tired, under the influence of alcohol, drugs or intoxicating medication.
11. Do not carry wrench with your hand on the power trigger in order to avoid unintentional starting.
12. Do not direct air from the air hose at yourself or others.
13. When not in use disconnect from air supply and store in a safe, dry, childproof location.

WARNING!

- **ALWAYS** use the right tool for the job - DO NOT improvise by using accessories not designed for the tool or job.
- **ALWAYS** inspect the air tool for cracks or excessive wear before connecting and during use.
- Be careful not to over tighten fasteners.

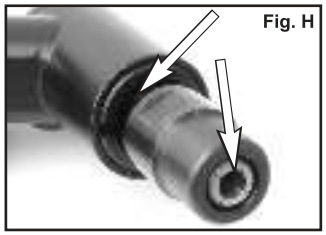
MAINTENANCE

1. Disconnect wrench from air supply before changing accessories, servicing or performing maintenance. Replace or repair damaged parts. Use genuine parts only. Non-authorized parts may be dangerous and will invalidate the warranty.
2. Lubricate the air wrench daily with a few drops of machine oil dripped into the air inlet to prolong its life.
3. Clean the wrench after use. Do not use worn, or damaged sockets.
4. 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 in chapter 2.
   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.



LUBRICATION

Air tools require lubrication throughout the life of the tool as moisture in the compressed air will rust the air motor and the correct lubrication is vital for the maximum performance of the air tool. Failure to lubricate the tool at the air inlet will void your warranty.



Either use an air line lubricator with air tool oil adjusted to two drops per minute, or if an air line lubricator cannot be used, add one teaspoon of air motor oil to the inlet **(Fig. F)** or into the hose at the nearest connection to the air supply once a day and then run the tool. ISO Grade VG22 oil is recommended. A rust inhibitive oil is acceptable for air tools.

Any excess oil in the motor is expelled immediately from the exhaust port. Always direct the exhaust port away from people or objects **(Fig. G)**.

Lubricate the tool holder regularly with a light machine oil. **(Fig. H)**.
Do not lubricate the tool with flammable or volatile liquids such as paraffin (kerosene), diesel or jet fuel.

SERVICE & REPAIRS

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



