Dear JCB Customer

Even if you have operated this type of equipment before, it is very important that your new machines operations and functions are explained to you by a JCB Dealer Representative following delivery of your new machine.

Following the installation you will know how to gain maximum productivity and performance from your new product.

Please contact your local JCB dealer if the Installation Form has not yet been completed with you.

Your Local JCB Dealer is:

OPERATOR MANUAL

THIS MANUAL SHOULD ALWAYS STAY WITH THE MACHINE

JCB DUMPSTER HTD5

ENGLISH - 9811-6600 - ISSUE 4 - AUGUST 2013

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Safety Notices

Important Information

T1-042

The Operator Manual

⚠ WARNING

You and others can be killed or seriously injured if you operate or maintain the machine without first studying the Operator Manual. You must understand and follow the instructions in the Operator Manual. If you do not understand anything, ask your employer or JCB dealer to explain it.

INT-1-4-2

Do not operate the machine without an Operator Manual, or if there is anything on the machine you do not understand.

Treat the Operator Manual as part of the machine. Keep it clean and in good condition. Replace the Operator Manual immediately if it is lost, damaged or becomes unreadable.

Safety Warnings



This safety alert system identifies important safety messages in this manual. When you see this symbol, be alert, your safety is involved, carefully read the message that follows, and inform other operators.

In this publication and on the machine, there are safety notices. Each notice starts with a signal word. The signal word meanings are given below.

⚠ DANGER

Denotes an extreme hazard exists. If proper precautions are not taken, it is highly probable that the operator (or others) could be killed or seriously injured.

INT-1-2-1

⚠ WARNING

Denotes a hazard exists. If proper precautions are not taken, the operator (or others) could be killed or seriously injured.

INT-1-2-2

⚠ CAUTION

Denotes a reminder of safety practices. Failure to follow these safety practices could result in injury to the operator (or others) and possible damage to the machine.

INT-1-2-3

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Operation

Introduction

T2-006_2

The aim of this part of the manual is to guide the operator step-by-step through the task of learning how to operate the machine efficiently and safely. Read the ***Operation*** section through from beginning to end.

Before you start the machine, you must know how the machine operates. Use your manual to identify each control lever, switch, gauge, button and pedal. Do not guess. If there is anything you do not understand, ask your JCB distributor.

The operator must always be aware of events happening in or around the machine. Safety must always be the most important factor when you operate the machine.

When you understand the operating controls, gauges and switches, practice using them. Drive the machine in an open space, clear of people. Get to know the 'feel' of the machine and its driving controls.

Finally, do not rush the job of learning, make sure you fully understand everything in the ***Operation*** section. Take your time and work efficiently and safely.

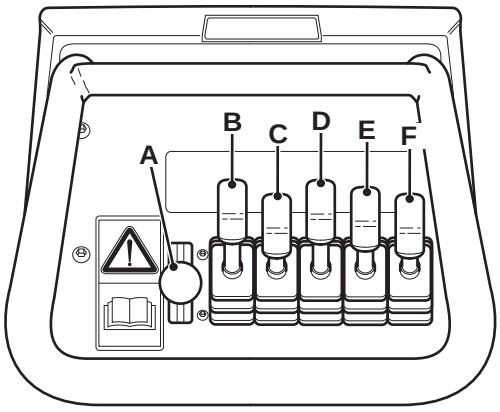
Remember

BE CAREFUL
BE ALERT
BE SAFE

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Control Layout



T010660-1

Fig 5.

A Remote throttle lever
B Left track control lever
C Skip raise control lever
D Right track control lever
E Two speed control lever
F Skip tip control lever

⚠ WARNING

Do not operate the controls from the side of the machine. Stay behind the controls at all times.

MD-3-5-2

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Raising/Lowering the Skip

WARNING

Before raising or lowering the body, make sure the area around the machine is clear of people.

7-2-2-5

WARNING

A machine skip full of material will raise the machines centre of gravity and increase the possibility of the machine tipping over on a slope.

MD-1-1-5

Stop the machine on firm level ground and apply the park park, if installed. ⇒ ***Park Brake (24)***.

Move the skip raise lever **A** forwards to lower the skip. Make sure that the skip is fully lowered before materials are put into the skip. The machine can be unstable when the skip is in the raised position. ⇒ ***Fig 22. (34)***.

Move the skip raise lever **A** backwards to hydraulically lift the skip. To raise the skip to a specified height, gradually move the lever forward a little, then move it back to the neutral position.

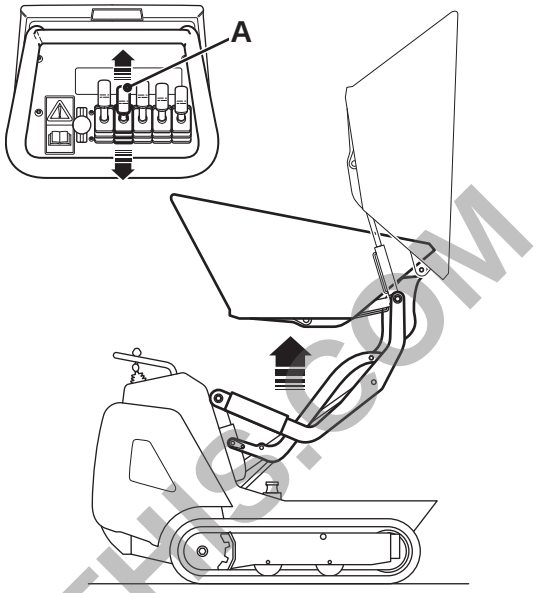
The skip can be raised to a position where the load can be tipped into a truck or a builders skip.

Note: *The skip raise control must not be used when the machine is tracking or when high speed is selected.*

WARNING

When working on the machine under a raised skip, make sure that the tipper control lever cannot be operated and that a ram strut is in place.

MD-1-1-17



T010810

Fig 22.

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9 Remove then charge the battery, if installed.

Keep the battery in warm, dry conditions. Charge the battery periodically

10 If you keep the machine outdoors, cover it with a tarpaulin or plastic sheets.

During Storage

Operate the machine hydraulic functions each week to prevent a build-up of rust in the engine and hydraulic circuits, and to minimise the deterioration of the hydraulic seals.

1 Clean the machine to remove all unwanted and corrosive materials.

Remove the Waxoyl from the ram piston rods.

2 Connect a charged battery, if installed.

3 Start the engine.

4 Operate the hydraulic controls.

Make sure the hydraulic functions operate correctly.

5 Prepare the machine for storage. ⇨ ***Prepare the Machine for Storage (45)***.

Take the Machine Out of Storage

1 Remove the fuel filler cap and put clean fuel into the fuel tank.

2 Check the oil and top-up to the correct level if necessary.

3 Clean the machine to remove all unwanted material and corrosives.

Remove the Waxoyl from the ram piston rods.

4 Connect a charged battery, if installed.

5 Adjust the track tensions. Refer to ***Tracks, Maintenance***.

6 Grease all lubrication points. Refer to ***Greasing, Maintenance***.

7 Start the engine. ⇨ ***Starting the Engine (26)***.

Let the engine and hydraulic oil warm-up.

8 Use the machine controls and make sure that they operate correctly.

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Health and Safety

Lubricants

T3-060_3

Introduction

It is most important that you read and understand this information and the publications referred to. Make sure all your colleagues who are concerned with lubricants read it too.

Hygiene

JCB lubricants are not a health risk when used properly for their intended purposes.

However, excessive or prolonged skin contact can remove the natural fats from your skin, causing dryness and irritation.

Low viscosity oils are more likely to do this, so take special care when handling used oils, which might be diluted with fuel contamination.

Whenever you are handling oil products you should maintain good standards of care and personal and plant hygiene. For details of these precautions we advise you to read the relevant publications issued by your local health authority, plus the following.

Storage

Always keep lubricants out of the reach of children.

Never store lubricants in open or unlabelled containers.

Waste Disposal

⚠ CAUTION

It is illegal to pollute drains, sewers or the ground. Clean up all spilt fluids and/or lubricants.

Used fluids and/or lubricants, filters and contaminated materials must be disposed of in accordance with local regulations. Use authorised waste disposal sites.

INT-3-2-14

All waste products should be disposed of in accordance with all the relevant regulations.

The collection and disposal of used oil should be in accordance with any local regulations. Never pour used engine oil into sewers, drains or on the ground.

Handling

⚠ WARNING

Oil

Oil is toxic. If you swallow any oil, do not induce vomiting, seek medical advice. Used engine oil contains harmful contaminants which can cause skin cancer. Do not handle used engine oil more than necessary. Always use barrier cream or wear gloves to prevent skin contact. Wash skin contaminated with oil thoroughly in warm soapy water. Do not use petrol, diesel fuel or paraffin to clean your skin.

INT-3-2-3

New Oil

There are no special precautions needed for the handling or use of new oil, beside the normal care and hygiene practices.

Used Oil

Used engine crankcase lubricants contain harmful contaminants.

Here are precautions to protect your health when handling used engine oil:

1 Avoid prolonged, excessive or repeated skin contact with used oil.

2 Apply a barrier cream to the skin before handling used oil. Note the following when removing engine oil from skin:

- **a** Wash your skin thoroughly with soap and water.
- **b** Using a nail brush will help.
- **c** Use special hand cleansers to help clean dirty hands.
- **d** Never use petrol, diesel fuel, or paraffin for washing.

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Service Points and Fluid Level Check

Service Points and Fluid Level Checks - Engine Stopped	Operation	1 Day	1 Week	1 Month	3 Months	6 Months	1 Year
ENGINE							
Engine Oil	Check level	☐	☐	☐	☐	☐	☐
Engine Oil	Change(1)			☐		☐	☐
Engine Oil Filter (Yanmar & Standard Diesel)	Clean(5)					☐	☐
Air Filter	Check	☐	☐	☐	☐	☐	☐
Air Filter (Honda)	Clean (2)			☐	☐	☐	☐
Air Filter (Standard Diesel)	Clean (3)			☐	☐	☐	☐
Air Filter (Honda)	Replace						☐
Air Filter (Yanmar & Standard Diesel)	Replace					☐	☐
Sediment Cup (Honda)	Clean					☐	☐
Spark Plug (Honda)	Clean and adjust					☐	☐
Spark Plug (Honda)	Replace						☐
Idle Speed (Honda)	Check/adjust (4)						☐
Valve Clearances (Honda)	Check/adjust (4)						☐
Valve Clearances (Standard Diesel)	Check/adjust (5)					☐	☐
Fuel Tank and Filter (Honda & Yanmar)	Clean(4)					☐	☐
Fuel Filter (Standard Diesel)	Replace					☐	☐
Fuel Tube	Check/replace						☐
Fuel Injector (Yanmar)	Clean & Reset(5)					☐	☐
Throttle Cable	Lubricate(1)	☐		☐	☐	☐	☐
HYDRAULICS							
Filter Element	Change(1)			☐	☐	☐	☐
Hydraulic Oil	Check level	☐	☐	☐	☐	☐	☐
Hydraulic Oil	Change(1)(5)			☐			☐
Pump Drive Coupling	Inspect/renew						☐
Hoses	Check for damage/ leaks(1)	☐	☐	☐	☐	☐	☐
Ram Piston Rods	Check(1)	☐	☐	☐	☐	☐	☐
ELECTRICS							
Battery Electrolyte Level	Check				☐	☐	☐

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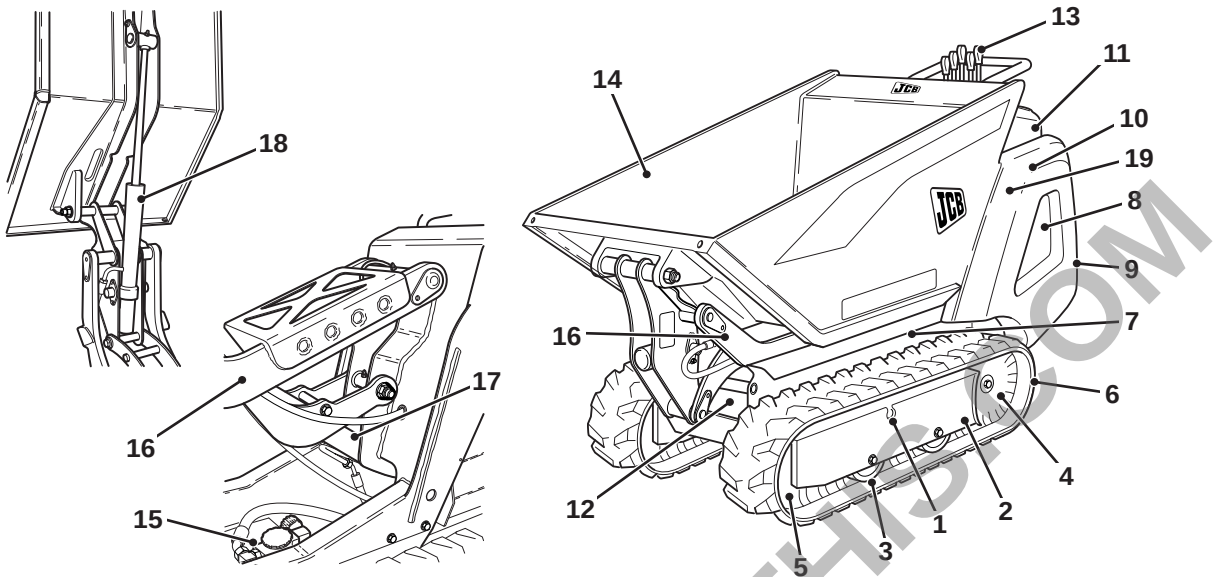


Fig 2.

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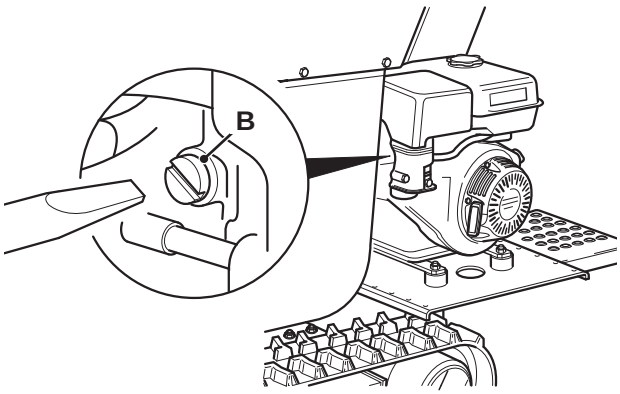
Idle Speed Adjustment

The engine is factory set with an idling speed of 1400 rpm +/-150. If adjustment is needed, proceed as follows:

1 Start the engine outdoors and allow it to warm up to normal operating temperature.

2 Move the throttle lever to the idle position.

3 Turn the throttle stop screw **B** to obtain the standard idling speed (1400 rpm +/-150). ⇨ *Fig 51. (76)*



403120-1

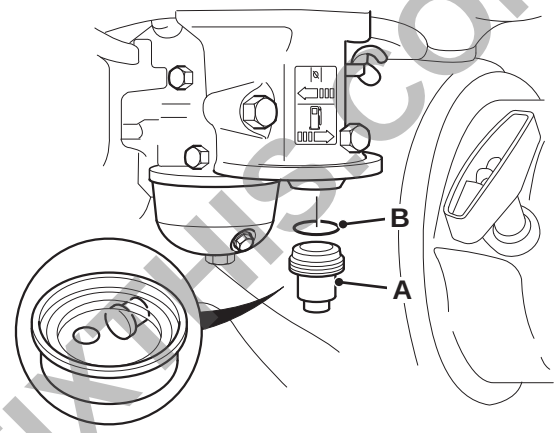
Fig 51.

Cleaning the Sedimenter

1 Turn the fuel valve OFF.

2 Remove the sedimenter cup **A** and O-ring **B** and clean them in a suitable solvent. Dry thoroughly and re-install them securely. ⇨ *Fig 52. (76)*

3 Turn the fuel valve to ON and check for leaks.



402960-1

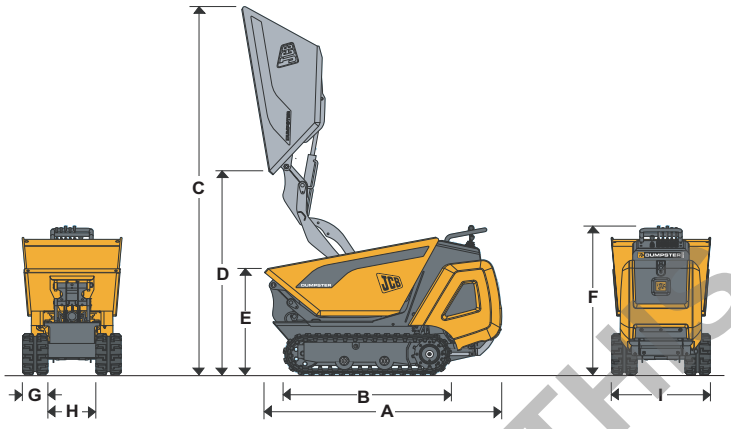
Fig 52.

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Specifications

Static Dimensions



T012480-1

Fig 62.

Table 3.

		mm (ft-in)
A	Machine length(1)	1700 (5-6)
B	Undercarriage length	850 (2-9)
C	Maximum height(2)	2720 (9-0)
D	Skip ground clearance(2))	1450 (4-9)
E	Skip height(3)	800 (2-7)
F	Overall height(3)	1100 (3-7)
G	Track width	180 (0-7)
H	Inside track width	330 (1-0)
I	Maximum machine width	690 (2-3)
-	Turning circle(4)	0 (0)

(1) Operating position
(2) Tipping position
(3) Transport position
(4) The machine turns on its axis

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