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SAFETY NOTICES

In this Handbook and on the machine there are safety notices. Each notice starts with a signal word. The meanings of the signal words 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

⚠ WARNING

Study This Handbook Before Starting The Machine. You must understand and follow the instructions in this Handbook. You must observe all relevant laws and regulations. If you are unsure about anything, ask your JCB Distributor or employer. **Do not guess**, you or others could be killed or seriously injured.
INT-1-1-1

Note: You must be a trained fork lift operator to use this machine. JCB familiarisation training is available if required.

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ABOUT THIS HANDBOOK

Machine Models

This Handbook provides information for the following models in the Teletruk range where **D** indicates Diesel and **G** indicates Liquid Petroleum Gas (LPG):

2.0 D/G, 2.5 D/G, 3.0 D/G, 3.5 D
3.0 D 4x4, 3.5D 4x4, 3.0 D High Lift

Using this Handbook

The illustrations in the Handbook are for guidance only. Where machines differ, the text and/or illustration will specify.

This Handbook is arranged to give you a good understanding of the machine and its safe operation. It also contains maintenance information and specifications data. Read this Handbook from front to back before using the machine for the first time. Particular attention must be given to all the safety aspects of operating and maintaining the machine.

General warnings in this chapter are repeated throughout the book, as well as specific warnings. Read all the safety statements regularly, so you do not forget them. Remember that the best operators are the safest operators.

Finally, treat this Handbook as a part of the machine. Keep it clean and in good condition. Do not operate the machine without a Handbook in the cab. If there is anything you are not sure about, ask your approved Teletruk distributor or supervisor. Do not guess, you or others could be killed or seriously injured.

The manufacturers policy is one of continuous improvement. The right to change the specification of the machine without notice is reserved. No responsibility will be accepted for discrepancies which may occur between specifications of the machine and the descriptions contained in this publication.

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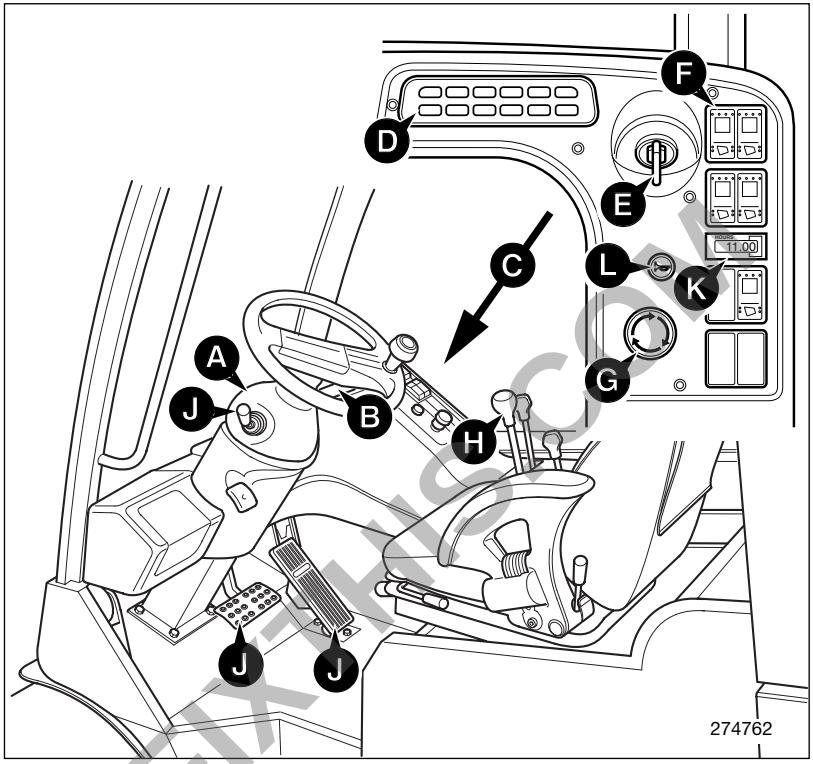
INSTRUMENTS AND CONTROLS

General

The JCB Teletruk is provided with a set of instruments and controls to enable you to operate the machine safely and efficiently.

The instruments and controls are in the following groups:

A Steering Column
B Indicator Stalk (optional)
C Console
D Instruments
E Ignition Switch
F Switches
G Parking Brake
H Boom Controls
J Transmission Controls
K Hour Meter
(On earlier machines the hour meter was part of the instrument panel, see page 19).
L Horn



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INSTRUMENTS AND CONTROLS (continued)

Boom and Carriage Controls (Loading Pattern)

A decal near the controls shows, by symbols, what lever movements cause which teletruck actions. The symbols, lever movements and teletruck actions are explained on the following pages.

Boom Controls
To raise the boom, move lever **1** in direction of arrow **A**.
To lower the boom, move lever **1** in direction of arrow **B**
To extend the boom, move lever **2** in direction of arrow **C**.
To retract the boom, move lever **2** in direction of arrow **D**.

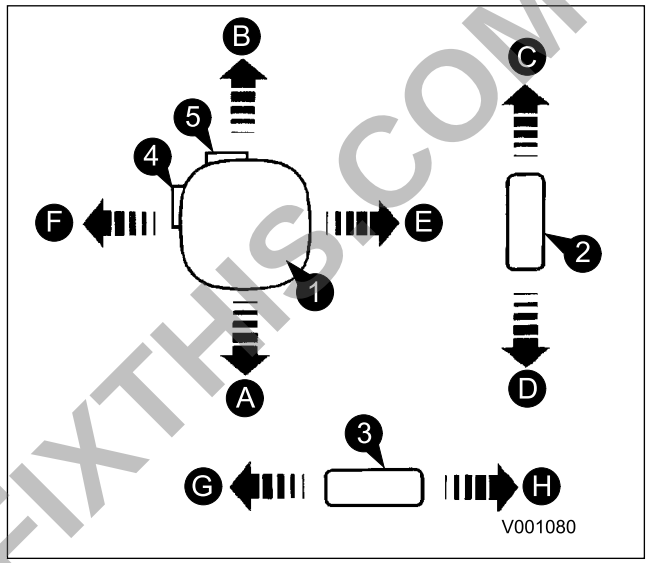
Carriage Controls
To tilt the carriage forward, move lever **1** in direction of arrow **E**.
To crowd the carriage backward, move lever **1** in direction of arrow **F**.

Important Note: The tilt carriage forward and back is variable through the lift arc. Forward tilt increases the lower the boom and crowd backwards increases the higher the boom. Parallel lift is standard during lift when the control lever is not operated.

Auxiliary or Sideshift (Option)
For sideshift press switch **4** to sideshift left and **5** to sideshift right. For auxiliary operation press **4** or **5** depending on the attachment fitted and the service required.

Auxiliary (Option)
To select left auxiliary, move lever **3** in direction of arrow **G**.
To select right auxiliary, move lever **3** in direction of arrow **H**.

***Note**: Depending on how the machine has been set up, the engine RPM may increase when some services are operated.*



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LUBRICANTS - HEALTH AND SAFETY

It is most important that you read and understand this information and the publications referred to within.

Hygiene

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

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 or other unauthorised personnel.

Never store lubricants in open or unlabelled containers.

Waste Disposal

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

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

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ITEM	CAPACITY	FLUID/LUBRICANT	SPECIFICATION
Engine Oil			
NAT ASP			
Up to SN892816	8.2 litres	**JCB 10W/30 Multigrade**	SAE10W/30 API CF4/SG
From SN892817	10 litres	**JCB Extreme Performance Engine Oil 15W/40**	CH4/SJ (ACES E5-B3-A3)
Turbo	10 litres	**JCB Extreme Performance Engine Oil 15W/40**	CH4/SJ (ACES E5-B3-A3)
LPG	8.2 litres	**JCB 10W/30 Multigrade**	SAE10W/30 API CF4/SG
Hydraulic System	55 litres	**JCB 15W/40 Multigrade** **JCB 10W/30 Multigrade**	API CF4/SG 15W/40 API CF4/SG 10W/30
Cooling System	5.5 litres Antifreeze 11 litres total coolant mixture	**JCB Universal Antifreeze/water** (see ***Coolant Mixtures***)	ASTM D3306-74
Fuel System	90 litres	Diesel oil *(see **Types of Fuel**)* Liquid Petroleum Gas (LPG) *(see **LPG Fuel System**)*	ASTM D975-66T Nos. 1D, 2D

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SERVICE SCHEDULES (continued)

Every 10 Operating Hours or Daily

Note: *Further information on these checks are contained within this Handbook.*

With Engine Stopped:

1 Clean machine generally, including cab interior.
2 Check tightness of wheel bolts.
3 Inspect for damage, including operators enclosure.
4 Check engine coolant level (cold).
5 Check hydraulic fluid level.
6 Check engine oil level.
7 Check for fluid leaks (coolant, engine oil, fuel and hydraulic oil etc).
8 Check tyre pressures (if pneumatic) and condition.
9 Check windscreen washer level (if fitted).
10 Check seat belt condition and general security.
11 Check forks for wear and cracks (if fitted).
12 Check the LPG tank (if fitted) for leaks and security, see **Changing the LPG Tank**.

With Engine Running:

13 Check all warning lights are extinguished.
14 Check operation of all electrical equipment.
15 Check exhaust for excessive smoke or fumes.
16 Check operation of all hydraulic services.
17 Check operation of steering.
18 Check for excessive engine vibration or noise.
19 Check operation of foot and handbrake.

Every 50 Operating Hours or Weekly

Note: *Further information on these checks are contained within this Handbook.*

General:

1 Do all daily jobs plus:

With Engine Stopped:

2 Drain fuel sedimentor (Diesel only).
3 Check hoses and pipework for chafing and damage.
4 Check wiring for chafing and general wear.
5 Grease all pivot pins.
6 Check battery terminals for cleanliness and tightness.

Note*: Axles must be greased at 50 hour intervals, extra greasing may be required depending on site conditions.*

Premature axle wear will result if frequent greasing is not carried out, particularly in wet or dusty environments.

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INSTRUMENTS AND CONTROLS (continued)

Diagnostic Fault Codes From Serial No. 0893471

When the system detects a fault, the audible alarm will sound and various combinations of lights on the display will indicate a fault code for approximately 10 seconds.

The audible alarm and the fault code display cancel after 10 seconds and all LEDs on the display will flash continuously as long as the fault remains. Press and release display button **E** to show the fault code for a further 10 seconds.

When the fault clears, the display will return to normal.

⚠ WARNING

If the Load Moment Indicator is faulty, contact your JCB Distributor. Do not try to repair it yourself.
12-2-1-1

If any of these fault codes are displayed, switch the starter key off and on again. Contact your JCB distributor if the fault does not clear.


325591

Error Code 1 - Transducer signal fault
Transducer disconnected or wiring damaged.

Error Code 2 - Calibration out of range
System is incorrectly calibrated.


325592


325593

Error Code 3 - Calibration required
System not calibrated.

Error Code 4 - Display unit fault
The display box has detected an internal error.


325594


325595

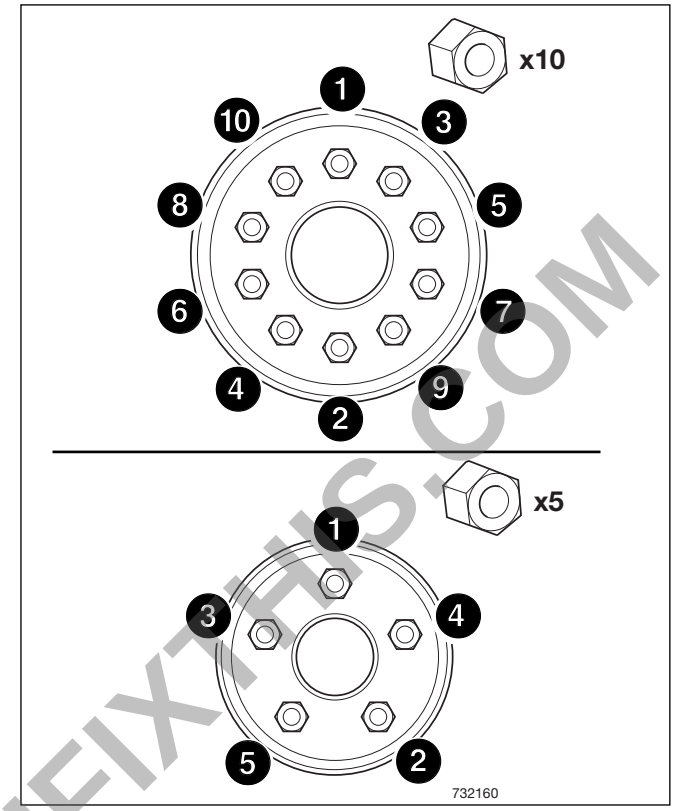
Error Code 5 - Low battery voltage
Battery voltage is below 9 Volts.

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WHEELS AND TYRES (continued)

Changing a Wheel (continued)

2 Refit the wheel as follows:
- **a** Inspect the wheel for any damage, i.e. elongated holes.
- **b** Clean the hub, wheel mounting face and nut cones thoroughly if they are contaminated with paint, rust or debris.
- **c** Ensure the wheel stud thread surface is maintained dry and is free from all lubricants.
- **d** Position the wheel on the hub.
- **e** Lightly tighten the nuts **A** to ensure the wheel is correctly seated onto the hub.
- **f** Tighten the nuts **A** diametrically in pairs to 150 Nm (110 lbf ft) and lower the machine to the ground.



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TRANSPORTING

Loading the Machine onto a Trailer

The safe transit of the load is the responsibility of the transport contractor and driver. Any machine, attachments or parts that may move during transit must be adequately secured.
5-2-5-9

Note: *Before transporting the machine, make sure you will be obeying the rules and laws of all the areas that the machine will be carried through. Make sure that the transporting vehicle is suitable. See SPECIFICATION section for the dimensions and weight of your machine.*

⚠ WARNING

Before moving the machine onto the trailer, make sure that the trailer and ramp are free from oil, grease and ice. Remove oil, grease and ice from the machine tyres. Make sure the machine will not foul on the ramp angle. See SPECIFICATION section for the minimum ground clearance for your machine.
2-2-7-8

1 Make sure the trailer will take the weight of the machine.
2 Place chocks at the front and rear of the trailer wheels.
Note*: Before moving the machine onto the trailer, make sure that the machine will not foul on the ramp/trailer angle. See SPECIFICATION section for your machine's ground clearance*.
3 Make sure the ramps are correctly in place and secure.
4 Raise the carriage slightly to improve the ground clearance.
5 Carefully REVERSE the machine onto the trailer.
6 When the machine is safely in position, engage the parking brake and set the drive to neutral.
7 Lower the carriage onto the trailer.
8 Switch off the engine and remove the starter key. Secure the cab.
9 Check that the overall height of the load is within regulations.

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