

Service Manual

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General Information	1
Care & Safety	2
Routine Maintenance	3
Optional Equipment	A
Body & Framework	B
Electrics	C
Controls	D
Hydraulics	E
Gearboxes	F
Track & Running Gear	J
Engine	L

(Service Manuals available from JCB Service,
quote publication 9806/2100)

Introduction

This publication is designed for the benefit of JCB Distributor Service Engineers who are receiving, or have received, training by JCB Technical Training Department.

It is assumed that these personnel have a sound knowledge of workshop practice, safety procedures and general techniques associated with the maintenance and repair of hydraulic earthmoving equipment. Therefore, these basic subjects generally are omitted from this manual, the intention being to convey only more specialised information concerning particular aspects of a machine or component.

For example, renewal of oil seals, gaskets etc., and any component showing obvious signs of wear or damage is expected as a matter of course and, therefore, information of this nature is included only in the context of specialised procedures or where a range of wear tolerances is required. Similarly, it is expected that components will be cleaned and lubricated where appropriate, also that any opened hose or pipe connections will be blanked to prevent excessive loss of hydraulic fluid and ingress of dirt. Finally, please remember above all **SAFETY MUST COME FIRST!**

The manual is compiled in sections, the first three are numbered and contain information as follows:

1 = **General Information** - includes torque settings and service tools
2 = **Care & Safety** - includes warnings and cautions pertinent to aspects of workshop procedures etc.
3 = **Routine Maintenance** - includes service schedules and recommended lubricants for the machine.

The remaining sections are alphabetically coded and deal with Dismantling, Overhaul etc. of specific components, for example:

A = **Optional Equipment**
B = **Body & Framework** ... etc.

The page numbering in each alphabetically coded section may not be continuous. This allows for the insertion of new items in later issues of the manual.

Section contents, technical data, circuit descriptions, operation descriptions etc. are inserted at the beginning of each alphabetically coded section.

All sections are listed on the front cover; tabbed divider cards align directly with individual sections on the front cover for rapid reference.

Illustrations which show a dismantled component are numbered as a guide to the dismantling sequence, which generally can be reversed for assembly.

Torque settings are given as a 'mean' figure which may be varied by plus or minus 3%. Torque figures indicated are for dry threads, hence for lubricated threads may be reduced by one third.

'Left Hand' and 'Right Hand' are as viewed from the rear of the machine.

References to alternative servicing intervals are to be treated on a 'whichever occurs first' basis.

Contents	Page No.
Identification	1 - 1
Storing your machine	1 - 2
Preparation after Storage	1 - 2
TOPS and FOGS	1 - 3
Operation	
Introduction	2 - 1
Before entering the cab	2 - 1
Machine walk round inspection	2 - 2
Cab	2 - 2
Opening and closing the cab door	2 - 3
Securing the door open	2 - 3
Entering and exiting the cab	2 - 4
Opening the windscreen	2 - 5
Opening the side window	2 - 5
Adjusting the seat	2 - 6
Heater controls	2 - 7
Fastening the seat belt	2 - 8
Cab radio (optional)	2 - 8
Engine and track controls, Switches and instruments	3 - 1
Track controls	3 - 3
Engine controls	3 - 4
Switches	3 - 5
Instruments	3 - 7
Dozer controls	4 - 1
Excavator controls	4 - 2
Changing the Control Pattern (ISO/SAE)	4 - 3
Slew cab	4 - 4
Swing boom	4 - 5
Raise / Lower boom	4 - 6
Dipper	4 - 7
Bucket	4 - 8
Refuelling the machine	4 - 9
Before starting the engine	5 - 1
Starting the engine	5 - 2
Jump Starting the Engine	5 - 3
Cold climate warm up	5 - 4
Operating in high / low temperatures	5 - 5
Stopping and parking the machine	6 - 1
Preparing for road / site travel	6 - 2
Getting the machine moving	6 - 3
Working with the dozer	7 - 1
Working with the excavator	7 - 2
Working on a slope	7 - 2
Digging	7 - 3
Moving the machine while digging on the level	7 - 4
Digging near walls	7 - 5
Lifting Regulations and Safe Working Loads	7 - 5

Contents	Page No.
Using the attachments and site safety	8 - 1
Moving a disabled machine	10 - 1
Transporting the machine	10 - 2
Preparing the transporter for loading	10 - 2
Loading onto the transporter	10 - 3
Securing the machine	10 - 4
Unloading the machine	10 - 5
Service Tools	11 - 1
Sealing and Retaining Compounds	13 - 1

Identifying your machine

The machine has a Data Plate attached to the left hand front face of the machine.

The serial numbers of the machine, engine and gearboxes are stamped on this plate.

If the engine is replaced, stamp the new serial number in place of the old one.

Explanation of Vehicle Identification Number (VIN)

Code	A	B	C	D	E
Example	SLP	0803	T	E	0765001

- A** World Manufacturer Identification SLP = JCB
- B** Machine Model 0803 = 803

- C** Year of Manufacture


R = 1994	W = 1998	2 = 2002
S = 1995	X = 1999	3 = 2003
T = 1996	Y = 2000	4 = 2004
V = 1997	1 = 2001	5 = 2005


- D** Manufacturers Location E = England
- E** Machine Serial Number 0765001

Explanation of Engine Identification Number

Code	A	B	C	D	E
Example	KR	50677	J	000001	y


- A** Engine Type
- B** Engine Parts List
- C** Country of Manufacture
- D** Engine Serial Number
- E** Year of Manufacture





J C BAMFORD EXCAVATORS LTD
ROCESTER, STAFFS, ENGLAND
CONSTRUCTOR

OSEN ISO9001



FM 14063

<input style="width: 100%; height: 20px;" type="text"/> VIN Vehicle Identification Number	Product Identification Number <input style="width: 100%; height: 20px;" type="text"/>
<input style="width: 100%; height: 20px;" type="text"/> ENGINE SERIAL NUMBER	<input style="width: 100%; height: 20px;" type="text"/> LH TRACK GEARBOX SERIAL NUMBER
<input style="width: 100%; height: 20px;" type="text"/> SLEW GEARBOX SERIAL NUMBER	<input style="width: 100%; height: 20px;" type="text"/> RH TRACK GEARBOX SERIAL NUMBER
<input style="width: 100%; height: 20px;" type="text"/> WEIGHT kg	<input style="width: 100%; height: 20px;" type="text"/> ENGINE POWER kW @ RPM
YEAR OF MANUFACTURE <input style="width: 100%; height: 20px;" type="text"/>	

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