

EXCAVATOR LOADER

SERVICE MANUAL

2D, 2DS, 3, 3C, 3CS, 3D, 700

From machine serial number 55500

Care & Safety1
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Preface

This volume is published mainly for the benefit of JCB Distributor Service Engineers, but copies are available from JCB Distributors to individual machine users.

The manual is compiled in sections, the first three of which are numbered and contain Care and Safety aspects of workshop procedure, Technical Data and Routine Maintenance. The remaining sections are alphabetically coded and deal with Dismantling, Overhaul etc., of specific components.

For Example:—

B = Body and Framework
E = Hydraulics

All sections are listed on the front cover, the bands of which coincide with divider cards for rapid reference. Each individual section also has its own Contents Page.

Removal, Replacement, Dismantling and Assembly procedures should be carried out in accordance with the sequences shown on the illustrations, paying particular attention to items noted in the text.

Where more detailed information is necessary, this is given in the text in the form of step by step instructions.

Left Hand and Right Hand, where used, are as viewed from the rear of the machine.

*Torque Settings in this Publication are given as 'mean' figures and may vary by 3% higher or lower.

Distributor copies of the manual will be continuously updated by the issue of Replacement Pages. These should be inserted at the appropriate place and the existing page (if any) withdrawn and discarded.

Where possible, revised information is indicated by an asterisk (*) against the item concerned, the page issue number in the bottom right hand corner being similarly marked. Where the entire page or illustration has been revised the asterisk will not be used, only the page issue number will be raised.

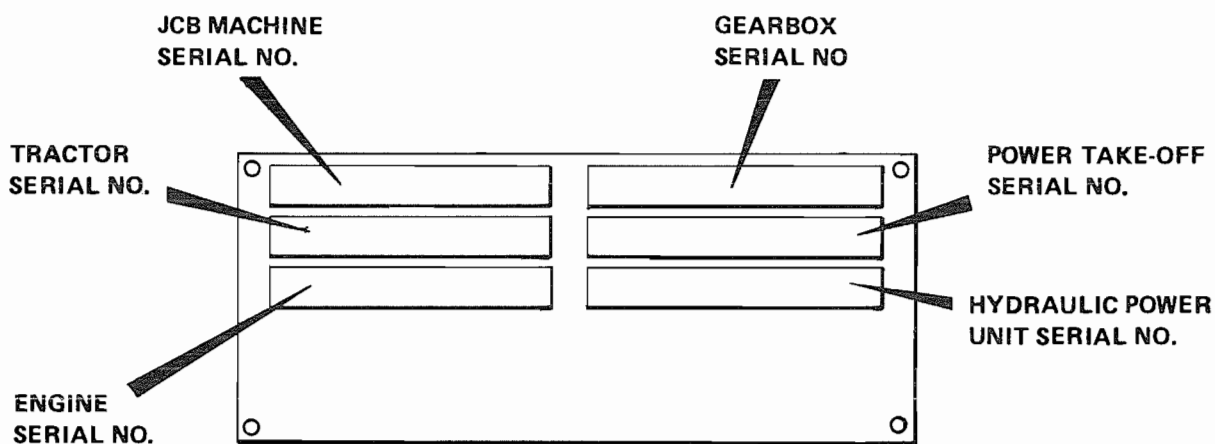
A publication detailing all the special tools required for the machines is available separately.

MACHINE IDENTIFICATION

The following information explains the various serial numbers to be found on the Data Plate attached to the machine.

It is essential that the serial numbers are used to ensure the correct supply of parts and to locate the correct service information.

SKIDDED TRANSMISSION MACHINES – Manual and /3 build



JCB Machine Serial Number

e.g.

3DIII 129564 / 3

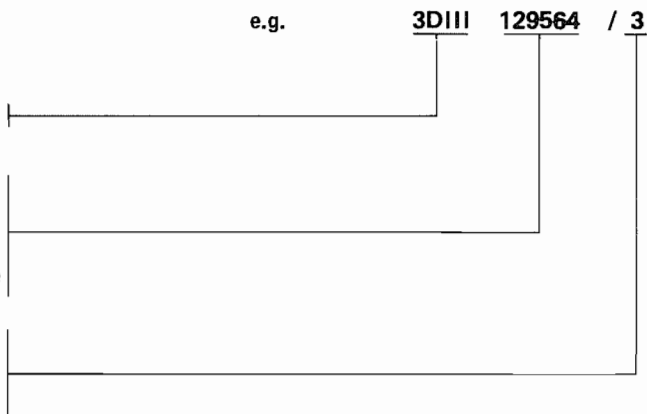
MACHINE TYPE AND MARK

SEQUENTIAL SERIAL NO.

- 55000–68150 MKII range
- 100001–124999 and loaders
- 125001–199999 MKIII range

BUILD IDENTIFICATION

- Blank—Manual Transmission
- /3 —Torque converter



MACHINE IDENTIFICATION

Tractor Serial No. e.g. **384B / 7 / 237580**

TRANSMISSION TYPE
 384B—10 speed, manual or torque converter
 272B—9 speed, manual only.

BUILD TYPE
 1—Manual, standard
 3—Torque converter, standard
 7—Manual, German
 8—Torque converter, German
 9—P.T.O. with hydraulics
 10—P.T.O. less hydraulics

SEQUENTIAL SERIAL NO.

Tractor Serial No.—JCB Build skid e.g. **SK1 / 002676**

BUILD TYPE
 SK1—Standard
 SK2—German/Austrian

SEQUENTIAL SERIAL NO.

Engine Serial No. e.g. **498NT / 1897 / 61294**

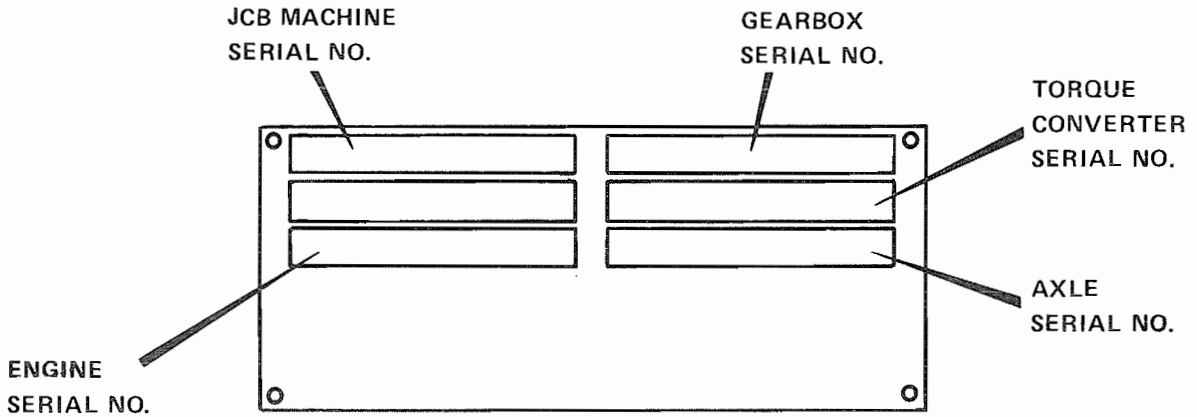
ENGINE TYPE
 4—Number of cylinders
 98—Bore in millimetres

ENGINE BUILD LIST NO.

SEQUENTIAL SERIAL NO.

MACHINE IDENTIFICATION

POWERTRAIN -/5 build



JCB Machine Serial No.	e.g.	<u>3DIII</u>	<u>129564/5</u>
MACHINE TYPE AND MARK		-----	
SEQUENTIAL SERIAL NO 125001-199999-MKIII range		-----	
BUILD IDENTIFICATION /5 - Torque Converter		-----	
Engine Serial No.	e.g.	<u>498NT</u> / <u>2058</u> / <u>64878</u>	
ENGINE TYPE 4 - Number of cylinders 98 - Bore in millimetres		-----	
ENGINE BUILD LIST NO.		-----	
SEQUENTIAL SERIAL NO.		-----	
Gearbox Serial No.	e.g.	<u>12731</u> / <u>1078</u> / <u>1</u>	
BUILD LIST NO.		-----	
BUILD DATE Month and year		-----	
SEQUENTIAL SERIAL NO. Over yearly period		-----	
Torque Converter Serial No.		-----	
SEQUENTIAL SERIAL NO.		-----	
Axle Serial No.		-----	
SEQUENTIAL SERIAL NO.		-----	

Component Removal	2-1
Hoses and Pipes	3-1
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