



Service Manual

8052

Published by the TECHNICAL PUBLICATIONS DEPARTMENT of

JCB COMPACT PRODUCTS LTD;

Harewood Estate Leek Road, Cheadle

Stoke-on Trent

Staffordshire, England

ST10 2JU

Tel: 01538 757500, Fax: 01538 757590 Publication No. 9803/9290 Issue 4

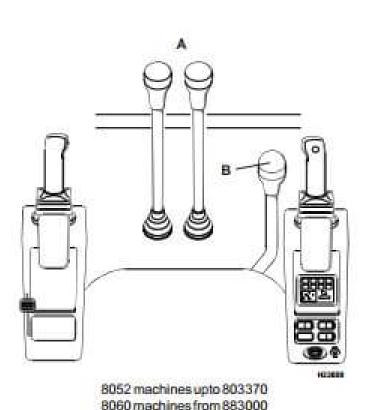
General Information	1
Care & Safety	2
Routine Maintenance	3
Optional Equipment	A
Body & Framework	В
Electrics	C
Controls	D
Hydraulics	E
Gearboxes	F
Track & Running Gear	J
Engine (Service Manuals available from JCB Service, quote publication 9806/2100)	L

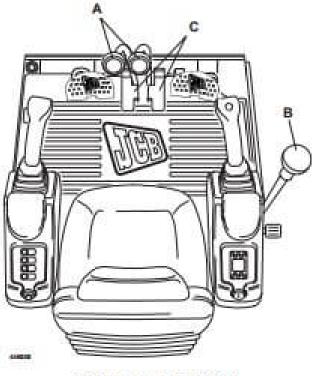
Contents Page No. Identification 1-1 1-2 Storing your machine 1-2 Preparation after Storage TOPS and FOGS 1-3 Operation Introduction 2-1 2-1 Before entering the cab Machine walk round inspection 2-2 Cab 2-2 2 - 3 Opening and closing the cab door 2-3 Securing the door open Entering and exiting the cab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

7

3-3

Engine and Track Controls, Switches and Instruments (cont.)





8052 machines from 803371

Track Controls

The two tracks are controlled by a pair of control levers A in front of the seat. Each lever controls one track and is spring loaded to a central position. In this position the track does not operate. The left side lever controls the left track. The right side lever controls the right track. The two levers can be operated individually or together as necessary to move the machine as required. This can be done using one hand or both or by using the springloaded pedals C (later machines only). An increase in speed can be achieved by operating the two speed tracking push button switch B located in the dozer lever.

MARNING

Make sure that all persons are clear before moving.

A WARNING

The track controls operate as described when the dozer is located in front of the windscreen. If the dozer is positioned behind the cab, the lever operation will be reversed. It is advisable when tracking to always position the dozer to the front of the machine.

Note: Ensure the engine speed is set to maximum.

Forward

To move the machine forward, push both levers forward. Release the levers to stop.

Note: Ensure the engine speed is set to maximum.

Reverse

To move the machine backward, pull both levers backward. Release the levers to stop.

Turn

To turn the machine whilst travelling, allow the lever to return back towards the central position on the side towards which you want to go e.g. left lever back to turn left. This causes one of the tracks to move slower than the other. The faster moving track will push the machine around. Release the lever to stop.

Spin

To spin the machine around though 360°, without moving it, operate one lever, in a forward position and the other in a reverse position. This will cause the tracks to drive in opposite directions and hence push the machine around.

1966 day



Thank you very much for your reading.

Please click here to get more information.