

JCB JZ235, JZ255 – TIER III AUTO Tracked Excavators Service Repair Manual





JCB 7000 Series Fastrac

[Section 1 - General Information](#)

[Section 2 - Care and Safety](#)

[Section 3 - Maintenance](#)

[Section A - Optional Equipment](#)

[Section B - Body and Framework](#)

[Section C - Electrics](#)

[Section D - Controls](#)

[Section E - Hydraulics](#)

[Section F - Transmission](#)

[Section G - Brakes](#)

[Section H - Steering](#)

[Section S - Suspension](#)

[Section T - Engine](#)



Publication No.
9803/8060-5



Copyright © 2004 JCB SERVICE. All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any other means, electronic, mechanical, photocopying or otherwise, without prior permission from JCB SERVICE.

Issued by JCB Technical Publications, JCB Agricultural Training, Woodrow, Haverley, Suffolk, ST19 9BN, England. Tel: +44 (0)1899 891300 Fax: +44 (0)1899 891300

World Wide
Customer Support

Routine Maintenance

Service Requirements

Introduction

T3-008

Your machine has been designed and built to give maximum performance, economy and ease of use under a wide variety of operating conditions. Prior to delivery, your machine was inspected both at the Factory and by your Distributor to ensure that it reaches you in optimum condition. To maintain this condition and ensure trouble free operation it is important that the routine services, as specified in this Manual, are carried out by an approved JCB Distributor at the recommended intervals.

This section of the Manual gives full details of the service requirements necessary to maintain your JCB machine at peak efficiency.

A Service Manual for your machine is available from your JCB Distributor. The Service Manual contains information on how to repair, dismantle and assemble your machine correctly.

It can be seen from the Service Schedules on the following pages that many essential service checks should only be carried out by a JCB trained specialist. Only JCB Distributor Service Engineers have been trained by JCB to carry out such specialist tasks, and only JCB Distributor Service Engineers are equipped with the necessary special tools and test equipment to perform such tasks, thoroughly, safely, accurately and efficiently.

JCB regularly updates its Distributors advising them of any product developments, changes in specifications and procedures. Therefore only a JCB Distributor is fully able to maintain and service your machine.

A Service Record Sheet or Book is provided which will enable you to plan your service requirements and keep a service history record. It should be dated, signed and stamped by your Distributor each time your machine is serviced.

Remember, if your machine has been correctly maintained, not only will it give you improved reliability but its resale value will be greatly enhanced.

Owner/Operator Support

JCB together with your Distributor wants you to be completely satisfied with your new JCB machine. If you do encounter a problem however, you should contact your Distributor's Service Department who are there to help you!

You will have been given the names of the relevant service contacts at your Distributor when the machine was installed.

To get the most from your Distributor please help them to satisfy you by:

- 1 Giving your name, address and telephone number.
- 2 Quoting your machine model and serial number.
- 3 Date of purchase and hours of work.
- 4 Nature of the problem.

Remember, only your JCB Distributor has access to the vast resources available at JCB to help support you. In addition, your Distributor is able to offer a variety of programmes covering Warranty, Fixed Price Servicing, Safety Inspections, including weight tests, covering both legal and insurance requirements.

Service/Maintenance Agreements

To help plan and spread the costs of maintaining your machine, we strongly recommend you take advantage of the many Service and Maintenance Agreements your Distributor can offer. These can be tailor made to meet your operating conditions, work schedule etc.

Please consult your JCB Distributor for details.

Initial Service and Inspection (100 Hours)

T3-008

To further protect your machine's performance it is essential your JCB Distributor carries out an initial service and inspection when the machine is one month old or

Access Panels to serial number 1350159

Engine Covers

⚠ WARNING

The engine has exposed rotating parts. Switch OFF the engine before working in the engine compartment. Do not use the machine with the engine cover open.

5-3-8-5

Before removing a cover, engage the park brake, put the transmission in neutral, stop the engine. Remove the starter key

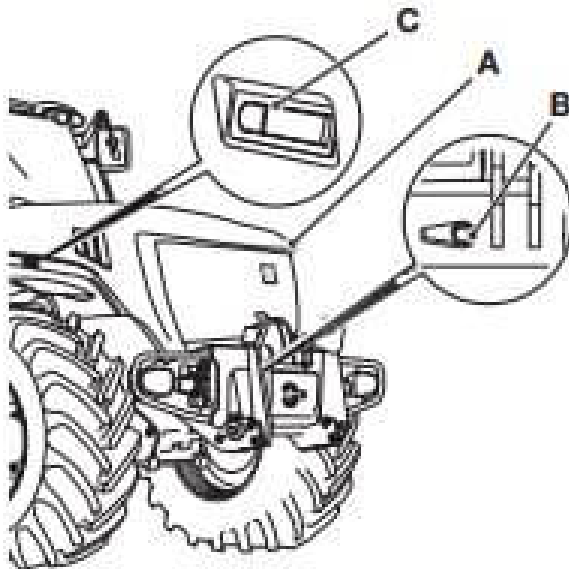


Fig 4.

02F1248

Top Cover

To open the top cover A, press button B to release the latch.

The top cover will automatically open and be supported on gas struts

To close the top cover, pull it down by means of the cable. Push the cover down, make sure it is locked in place.

Side Covers

There is a side cover fitted to each side of the engine bay.

To remove a side cover, release latch C and lift out the cover.

To fit a side cover, locate the two pegs at the bottom of the cover and then push the top of the cover firmly into position. Close latch C.

Panniers

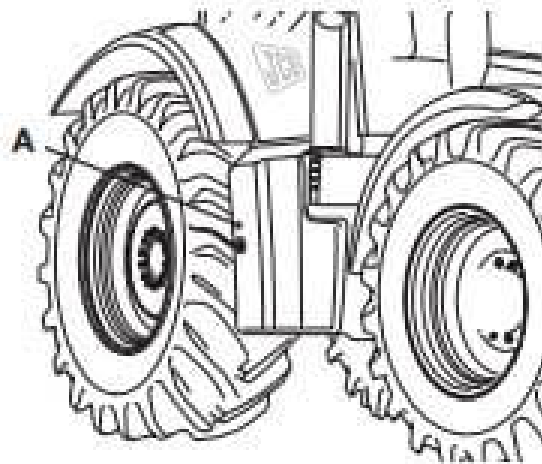


Fig 5.

02F1248-06

Open panel D to gain access to the batteries, brake fluid, transmission dipstick, screenwash reservoir etc.



Thank you very much
for your reading.
Please click here
to get more information.