



SERVICE MANUAL

TANDEM ROLLER
CT160, CT260

EN - 9813/7750 - ISSUE 1 - 06/2018

This manual contains original instructions, verified by the manufacturer (or their authorized representative).

Copyright 2018 Â© 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.

www.jcb.com

Foreword

The Operator's Manual



You and others can be killed or seriously injured if you operate or maintain the machine without first studying the Operator's Manual. You must understand and follow the instructions in the Operator's Manual. If you do not understand anything, ask your employer or JCB dealer to explain it.

Do not operate the machine without an Operator's Manual, or if there is anything on the machine you do not understand.

Treat the Operator's Manual as part of the machine. Keep it clean and in good condition. Replace the Operator's Manual immediately if it is lost, damaged or becomes unreadable.

Contents

01 - Machine

06 - Body and Framework

09 - Operator Station

15 - Engine

18 - Fuel and Exhaust System

21 - Cooling System

24 - Brake System

25 - Steering System

27 - Driveline

30 - Hydraulic System

33 - Electrical System

72 - Fasteners and Fixings

75 - Consumable Products

78 - After Sales

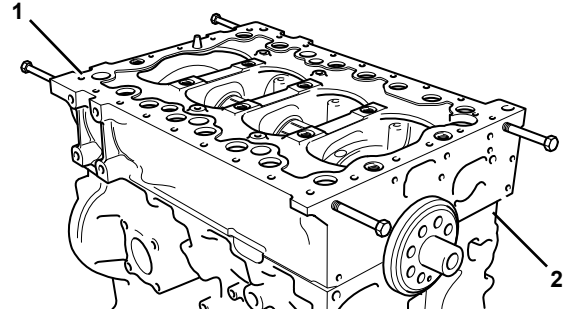
00 - General

Introduction	15-49
Repair	15-50
Check (Condition)	15-50

Introduction

The bedplate acts as the main strength component of the engine. It maintains the correct alignment and supports the weight of the internal components.

Figure 52.



- 1 Bedplate
- 2 Crankcase

Repair

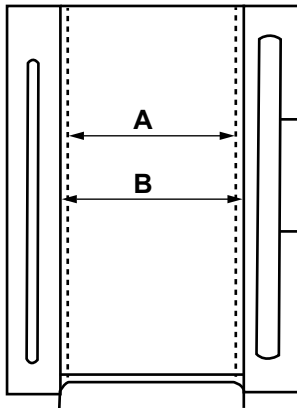
1. When the cylinder is worn beyond the allowable limit, bore and hone it to the specified dimension.

Refer to: [PIL 15-00-00](#).

2. Replace the piston and piston rings with specified oversized.

Dimension: 0.25 mm

Figure 53.



- A** Cylinder inside diameter (Before Correction)
- B** Cylinder inside diameter (Oversize)

Check (Condition)

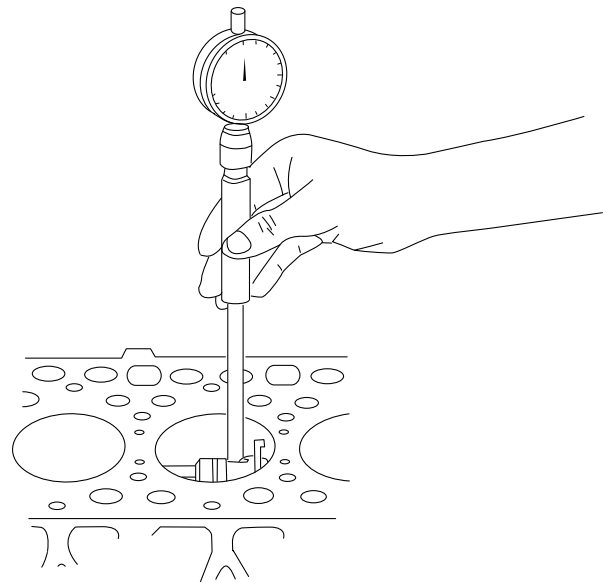
1. Measure the inside diameter of the cylinder at the six positions with a cylinder gauge to find the maximum and minimum inside diameter. Refer to Figure 55.

2. Calculate the difference (Maximum wear) between the maximum and the minimum inside diameter.

3. Make sure that the cylinder inside diameter is within the specified limits.

Refer to: [PIL 15-00-00](#).

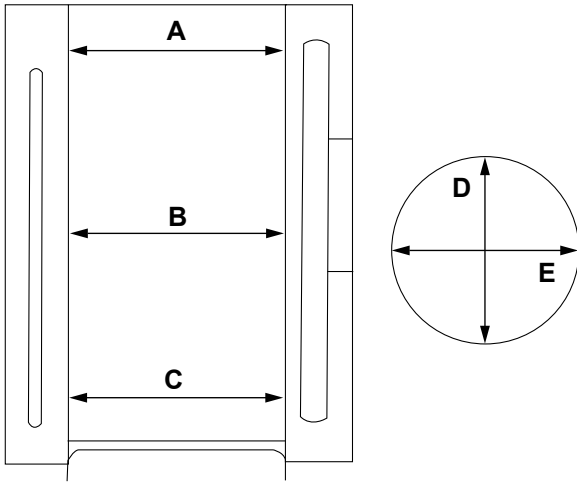
Figure 54.



4. If the wear exceeds the allowable limit, bore and hone to the oversize dimension.

5. Check condition of the cylinder wall for scratches. If deep scratches are found, bore the cylinder.

Figure 55.



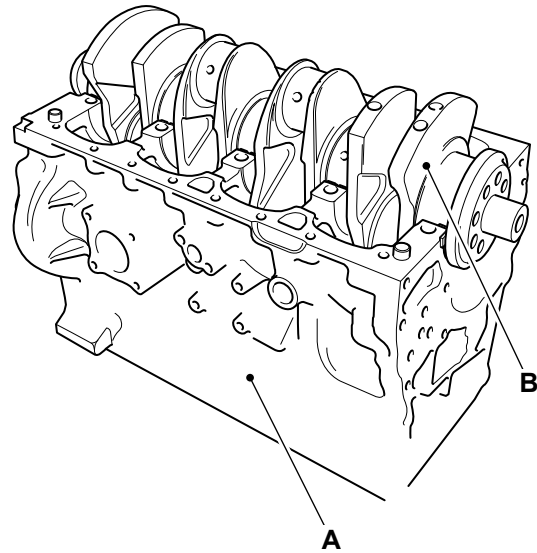
- A Top
- B Middle
- C Bottom (At cylinder skirt)
- D Right angle to piston pin
- E Piston pin direction

00 - General

Introduction	15-53
Check (Condition)	15-54
Remove and Install	15-55

Introduction

Figure 56.



- A** Crankcase
- B** Crankshaft

Thank you so much for reading.
Please click the “Buy Now!”
button below to download the
complete manual.



After you pay.

You can download the most
perfect and complete manual in
the world immediately.

Our support email:

ebooklibonline@outlook.com