



SERVICE MANUAL

EXCAVATOR
JS115, JS130, JS131,
JS145, JS160, JS180, JS190

EN - 9813/7150 - ISSUE 1 - 04/2016

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

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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.

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Jcb 145 Workshop Manual

Manuel Matos Fernandes



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Popular Science ,1998-12 Popular Science gives our readers the information and tools to improve their technology and their world The core belief that Popular Science and our readers share The future is going to be better and science and technology are the driving forces that will help make it better **Work Evaluation and Adjustment** Stout State University. Materials Development Center,1974 **Work Evaluation and Adjustment** ,1979 *Analysis and Design of Geotechnical Structures* Manuel Matos Fernandes,2020-08-27 Analysis and design of geotechnical structures combines in a single endeavor a textbook to assist students in understanding the behavior of the main geotechnical works and a guide for practising geotechnical engineers designers and consultants The subjects are treated in line with limit state design which underpins the Eurocodes and most North America design codes Instructors and students will value innovative approaches to numerous issues refined by the experience of the author in teaching generations of enthusiastic students Professionals will gain from its comprehensive treatment of the topics covered in each chapter supplemented by a plethora of informative material used by consultants and designers For the benefit of both academics and professionals conceptual exercises and practical geotechnical design problems are proposed at the end of most chapters A final annex includes detailed resolutions of the exercises and problems *Catalog of Copyright Entries* Library of Congress. Copyright Office,1978-04 Business and Office Education: Instructional Materials ,1972 **Popular Science** ,1999 **Motor Cycling and Motoring** ,1978

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