



# 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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# Js 130 Service Manual

**Marco Cascella**



## **Js 130 Service Manual:**

**Popular Mechanics** ,1967-06 Popular Mechanics inspires instructs and influences readers to help them master the modern world Whether it s practical DIY home improvement tips gadgets and digital technology information on the newest cars or the latest breakthroughs in science PM is the ultimate guide to our high tech lifestyle *Alternative Wastewater Collection Systems Manual* ,1994-04 Intended for rural communities that require low cost sewerage systems Covers pressure sewer systems vacuum sewer systems and small diameter gravity sewers Includes design examples of all 3 types Nearly 100 charts tables drawings and photos **Manual, Alternative Wastewater Collection Systems** ,1991 *Kootenai National Forest (N.F.), Miller West Fisher Project* ,2009 *Catalogue of the Public Documents of the [the Fifty-third] Congress [to the 76th Congress] and of All Departments of the Government of the United States* United States. Superintendent of Documents,1896 **Bridge Engineering Handbook, Second Edition** Wai-Fah Chen,Lian Duan,2014-01-24 Over 140 experts 14 countries and 89 chapters are represented in the second edition of the Bridge Engineering Handbook This extensive collection highlights bridge engineering specimens from around the world contains detailed information on bridge engineering and thoroughly explains the concepts and practical applications surrounding the subject Published in five books Fundamentals Superstructure Design Substructure Design Seismic Design and Construction and Maintenance this new edition provides numerous worked out examples that give readers step by step design procedures includes contributions by leading experts from around the world in their respective areas of bridge engineering contains 26 completely new chapters and updates most other chapters It offers design concepts specifications and practice as well as the various types of bridges The text includes over 2 500 tables charts illustrations and photos The book covers new innovative and traditional methods and practices explores rehabilitation retrofit and maintenance and examines seismic design and building materials The fifth book Construction and Maintenance contains 19 chapters and covers the practical issues of bridge structures What s New in the Second Edition Includes nine new chapters Steel Bridge Fabrication Cable Supported Bridge Construction Accelerated Bridge Construction Bridge Management Using Pontis and Improved Concepts Bridge Maintenance Bridge Health Monitoring Nondestructive Evaluation Methods for Bridge Elements Life Cycle Performance Analysis and Optimization and Bridge Construction Methods Rewrites the Bridge Construction Inspection chapter and retitles it as Bridge Construction Supervision and Inspection Expands and rewrites the Maintenance Inspection and Rating chapter into three chapters Bridge Inspection Steel Bridge Evaluation and Rating and Concrete Bridge Evaluation and Rating and the Strengthening and Rehabilitation chapter into two chapters Rehabilitation and Strengthening of Highway Bridge Superstructures and Rehabilitation and Strengthening of Orthotropic Steel Bridge Decks This text is an ideal reference for practicing bridge engineers and consultants design construction maintenance and can also be used as a reference for students in bridge engineering courses **The Wiley International Handbook of Correctional Psychology** Devon L. L. Polaschek,Andrew

Day, Clive R. Hollin, 2019-04-29 A two volume handbook that explores the theories and practice of correctional psychology With contributions from an international panel of experts in the field The Wiley International Handbook of Correctional Psychology offers a comprehensive and up to date review of the most relevant topics concerning the practice of psychology in correctional systems The contributors explore the theoretical professional and practical issues that are pertinent to correctional psychologists and other professionals in relevant fields The Handbook explores the foundations of correctional psychology and contains information on the history of the profession the roles of psychology in a correctional setting and examines the implementation and evaluation of various interventions It also covers a range of topics including psychological assessment in prisons specific treatments and modalities as well as community interventions This important handbook Offers the most comprehensive coverage on the topic of correctional psychology Contains contributions from leading experts from New Zealand Australia Europe and North America Includes information on interventions and assessments in both community and imprisonment settings Presents chapters that explore contemporary issues and recent developments in the field Written for correctional psychologists academics and students in correctional psychology and members of allied professional disciplines The Wiley International Handbook of Correctional Psychology provides in depth coverage of the most important elements of the field Payette National Forest (N.F.), Fall Creek Post-fire Project, 1995 Sessional Papers British Columbia, 1905 Title List of Documents Made Publicly Available, 1985 **Brain Injury Medicine, Third Edition**

Nathan D. Zasler, Douglas I. Katz, Ross D. Zafonte, 2021-09-01 This updated textbook was much needed as there has been increased attention in recent years toward brain injuries The book provides updated guidelines and clinical practice recommendations that support the intended audience of trainees and current practitioners This update makes it the current standard text for any brain injury specialist Doody's Review Service 4 stars This revised and greatly expanded Third Edition of Brain Injury Medicine continues its reputation as the key core textbook in the field bringing together evidence based medicine and years of collective author clinical experience in a clear and comprehensive guide for brain injury professionals Universally praised as the gold standard text and go to clinical reference the book covers the entire continuum of care from early diagnosis and assessment through acute management rehabilitation associated medical and quality of life issues and functional outcomes With 12 new chapters and expanded coverage in key areas of pathobiology and neuro recovery special populations sport concussion disorders of consciousness neuropharmacology and more this state of the science resource promotes a multi disciplinary approach to a complex condition with consideration of emerging topics and the latest clinical advances Written by over 200 experts from all involved disciplines the text runs the full gamut of practice of brain injury medicine including principles of public health and research biomechanics and neural recovery neuroimaging and neurodiagnostic testing sport and military prognosis and outcome acute care treatment of special populations neurologic and other medical complications post injury motor and musculoskeletal problems post trauma pain disorders cognitive and

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**Catalogue of the Public Documents of the ... Congress and of All Departments of the Government of the United States for the Period from ... to ... ,1919** **Clinical Management of Children With Cochlear Implants, Second Edition** Laurie S. Eisenberg,2016-07-27 A comprehensive volume written by leading researchers clinicians and educators in the field Clinical Management of Children With Cochlear Implants Second Edition offers a guide for practitioners instructors and students The book builds on over thirty five years of collective experience in pediatric cochlear implantation and addresses contemporary practices The authors share their expertise in such disciplines as otolaryngology pediatrics audiology speech language pathology habilitation education electrophysiology psychology and clinical research Although many of the chapters from the first edition remain relevant today the field continues to evolve with advancements in technology expanding indications and patient demographics The second edition reflects these changes with new topics and expanded updates presenting up to date research findings with implications for clinical management of the pediatric implant population New to this edition New chapters on neurocognitive assessment dual language learning early literacy family centered habilitation and development of evidence based programsExpanded chapters on device programming education and auditory brainstem implantsUpdates in research and clinical practices in assessment and management **Moody's Industrial Manual** ,1929 **Catalog of Copyright Entries. Third Series** Library of Congress. Copyright Office,1952 Includes Part 1A Books *Whitaker's Cumulative Book List* ,1983 Community Nutrition Nweze Nnakwe,2012-02-29 Thoroughly revised and updated Community Nutrition Planning Health Promotion and Disease Prevention Second Edition uses real world examples to reinforce core nutrition concepts and explores the current and emerging nutrition issues faced by today s diverse communities It presents the skills cultural concepts and background knowledge that are essential for promoting health and preventing disease **Manual of the Board of Street and Water Commissioners of Jersey City ...** ,1888 **Monthly Catalog of United States Government Publications** United States. Superintendent of

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