



# 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.

### Contents

- 01 - Machine
- 03 - Attachments and Options
- 06 - Body and Framework
- 09 - Operator Station
- 12 - Heating, Ventilating and Air-Conditioning (HVAC)
- 15 - Engine
- 18 - Fuel and Exhaust System
- 21 - Cooling System
- 27 - Driveline
- 30 - Hydraulic System
- 33 - Electrical System
- 72 - Fasteners and Fixings
- 75 - Consumable Products
- 78 - After Sales

# Jcb 145 Workshop Manual

**Daniela Niemeyer**



## Jcb 145 Workshop Manual:

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## **Table of Contents Jcb 145 Workshop Manual**

1. Understanding the eBook Jcb 145 Workshop Manual
  - The Rise of Digital Reading Jcb 145 Workshop Manual
  - Advantages of eBooks Over Traditional Books
2. Identifying Jcb 145 Workshop Manual
  - Exploring Different Genres
  - Considering Fiction vs. Non-Fiction
  - Determining Your Reading Goals
3. Choosing the Right eBook Platform
  - Popular eBook Platforms
  - Features to Look for in an Jcb 145 Workshop Manual
  - User-Friendly Interface
4. Exploring eBook Recommendations from Jcb 145 Workshop Manual
  - Personalized Recommendations
  - Jcb 145 Workshop Manual User Reviews and Ratings
  - Jcb 145 Workshop Manual and Bestseller Lists
5. Accessing Jcb 145 Workshop Manual Free and Paid eBooks

- Jcb 145 Workshop Manual Public Domain eBooks
- Jcb 145 Workshop Manual eBook Subscription Services
- Jcb 145 Workshop Manual Budget-Friendly Options
- 6. Navigating Jcb 145 Workshop Manual eBook Formats
  - ePub, PDF, MOBI, and More
  - Jcb 145 Workshop Manual Compatibility with Devices
  - Jcb 145 Workshop Manual Enhanced eBook Features
- 7. Enhancing Your Reading Experience
  - Adjustable Fonts and Text Sizes of Jcb 145 Workshop Manual
  - Highlighting and Note-Taking Jcb 145 Workshop Manual
  - Interactive Elements Jcb 145 Workshop Manual
- 8. Staying Engaged with Jcb 145 Workshop Manual
  - Joining Online Reading Communities
  - Participating in Virtual Book Clubs
  - Following Authors and Publishers Jcb 145 Workshop Manual
- 9. Balancing eBooks and Physical Books Jcb 145 Workshop Manual
  - Benefits of a Digital Library
  - Creating a Diverse Reading Collection Jcb 145 Workshop Manual
- 10. Overcoming Reading Challenges
  - Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
- 11. Cultivating a Reading Routine Jcb 145 Workshop Manual
  - Setting Reading Goals Jcb 145 Workshop Manual
  - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Jcb 145 Workshop Manual
  - Fact-Checking eBook Content of Jcb 145 Workshop Manual
  - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
  - Utilizing eBooks for Skill Development

- Exploring Educational eBooks

#### 14. Embracing eBook Trends

- Integration of Multimedia Elements
- Interactive and Gamified eBooks

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