

Hitachi Ex550 Ex550-3 Excavator Service Repair Manual



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HITACHI EX550 EX550-3 EXCAVATOR SERVICE REPAIR TECHNICAL MANUAL MANUAL

COMPOSITION This manual consist of two portions: the Technical Manual and the Workshop manual. -

Information Included in the Technical Manual: Technical information needed for operational performance tests, and troubleshooting procedures. - Information Included in the Workshop Manual: Technical

information needed for maintenance and repair of the machine, tools and devices needed for the maintenance and repair, maintenance standards, and removal/installation and assemble/disassemble

procedures. TECHNICAL MANUAL CONTENTS: SECTION 1 - SPECIFICATION Group 1 General Information Group 2 Dimensions and Weights Group 3 Fuels and Lubricants Group 4 Interchangeability

Group 5 Machine Numbers Group 6 Component Specifications SECTION 2 - UPPERSTRUCTURE

Group 1 Outline Group 2 Tanks Group 3 Pump Device Group 4 Control Valve Group 5 Swing Device

Group 6 Pilot Valve Group 7 Others SECTION 3 - UNDERCARRIAGE Group 1 Outline Group 2 Travel

Device Group 3 Others SECTION 4 - ELECTRICAL SYSTEM Group 1 Component Location Group 2

Control System Group 3 Monitor Group 4 Circuit Operation Group 5 Inspection and Maintenance

SECTION 5 - HYDRAULIC SYSTEM Group 1 General Group 2 Control System Group 3 Control Circuit

SECTION 6 - OPERATIONAL PERFORMANCE TEST Group 1 Performance test Group 2 Standard

Group 3 Engine Test Group 4 Excavator Test Group 5 Hydraulic Component Test SECTION 7 -
TROUBLESHOOTING Group 1 Diagnosing Procedure Group 2 Conector Group 3 Troubleshooting A
Group 4 Troubleshooting B Group 5 Troubleshooting C Group 6 Harness Check Electrical and Hydraulic
schematics WORKSHOP MANUAL CONTENTS: Intorduction Safety SECTION 1 GENERAL
INFORMATION Precautions for Disassembling and Assembling Tightening Torque SECTION 2
UPPERSTRUCTURE Cab Counterweight Main Frame Pump Device Control Valve Swing Device Pilot
Valve Shut-Off Valve Shockless Valve Solenoid Valve Accumulator Shuttle Valve Suttle Valve SECTION
3 UNDERCARRIAGE Swing Bearing Travel Device Center Joint Track Adjuster Front Idler Upper And
Lower Roller Track Link SECTION 4 FRONT ATTACHMENT Front Attachment Cylinder File Format: PDF
Total pages:687 Size: 27Mb Manual Language: English This manual contains information and data to this
model. Has specs, diagrams, and actual real photo illustrations, and schemes. These service manual is
as good as it gets for Diagnosing, Repairing, and Maintenancing Hitachi machinery. In addition to space
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