

Hitachi Ex300-3 Excavator Service Repair Manual



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HITACHI EX300-3 EXCAVATOR SERVICE REPAIR TECHNICAL MANUAL MANUAL COMPOSITION

This manual consist of two portions: the Technical Manual (Trouble shooting) and the Workshop manual.

- Information Included in the Technical Manual (Troubleshooting): 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 Layot Group 2 Tanks Group 3 Pump Device Group 4 Control Valve Group

5 Swing Device Group 6 Pilot Valve Group 9 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 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 SECTION 06 ENGINE AND ACCESSORY General Information Maintenance Engine Assembly Engine Assembly II (Inspection & Repair) Engine assembly Lubricating System Cooling System Fuel System Turbo Charger Air Compressor Engine Electricals Special Tool File Format: PDF Total pages:860 Size: 57Mb 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 savings, nice thing about having PDF files instead of a hard-printed manual is that you can use the Search feature in Acrobat to find just what your looking for and just print out the exact pages you need... or all manual. Please, write me if you have questions. Probably I have the manual which you for a long time search. Have a nice days.

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