

## Hitachi Ex5500-5 Hydraulic Excavator Workshop Service Repair Manual

This professional technical manual contains service, maintenance, and troubleshooting information for your HITACHI EX5500-5 HYDRAULIC EXCAVATOR. It is the manual used in the local service repair shop. HITACHI EX5500-5 HYDRAULIC EXCAVATOR manual is guaranteed to be fully useful to save your precious time.



This HYDRAULIC EXCAVATOR Service Manual has easy to read text sections with top quality diagrams and instructions. They are specifically written for the do it work as well as the experienced mechanic. With step by step instruction and highly detailed exploded pictures, diagrams to show you how to complete the required job correctly, efficiently using. HITACHI EX5500-5 HYDRAULIC EXCAVATOR Service Repair Manual PDF covers every single detail on your machine provides step-by-step instructions based on the



complete disassembly of the machine.

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**EX5500-5 SPECIFICATIONS Two Implement Levers** Electric joystick control levers. Right lever is for boom and bucket control, and left lever is for swing and arm control. For loading shovel, two pedals provided for opening/closing the bottom dump bucket. **Two Travel Levers with Pedals** Remote-controlled hydraulic servo system. Independent drive at each track allows counterrotation of tracks. **UPPERSTRUCTURE Revolving Frame** Deep, full-reinforced box section. Heavy-gauge steel plates used for ruggedness. **Deck Machinery** Deck machinery is positioned for maximum maintenance accessibility. Sidewalks provide easy access to engines, hydraulic, and electrical components. ISO-compliant stairs and

handrails. Sidewalks and stairs are provided with skid-resistant plates. **SWING MECHANISM**  
Four high-torque, axial-piston motors with two-stage planetary reduction gear bathed in oil.  
Swing circle with dirt seals is a heavy-duty, triple-row, cylindrical roller bearing.  
Induction-hardened internal swing circle gear and pinion immersed in lubricant. Parking brake  
is spring-set/hydraulic- released disc type. This parking brake is manually releasable. Swing  
speed 3.3 min<sup>-1</sup> (rpm) OPERATOR'S CAB The sturdy cab, with the top guard conforming to  
OPG Level II (ISO), protects the operator from falling objects. Independent, pressurized, 5 ft.  
11 in. (1 800 mm) wide, 7 ft. 1 in. (2 150 mm) high, roomy 9.8 yd.<sup>3</sup> (7.5 m<sup>3</sup>) cab with  
tinted-glass windows features all-round visibility. Air-suspension type, fully adjustable  
reclining seat with armrests; movable with or without front and swing control levers by slide.  
Instruments and control panel are within easy reach of the operator. Three air conditioner  
systems. *Hitachi Ex5500-5 Hydraulic Excavator Workshop Service Repair Manual*