

Hitachi Zaxis Zx 470lc-5g Excavator Workshop Service Repair Manual

Hitachi Zaxis Zx 470lc-5g Durable, Reliable Engine This engine has a track record showing impressive durability at countless tough job sites around the world. The engine — associated with a rugged design, a direct fuel injection system and an elaborate governor — goes green, and complies with EU Stage II and US EPA Tier 2 emissions regulations.



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A simple cooling system, consisting of a radiator and oil cooler, facilitates smooth cooling air flow for improved cooling efficiency. The combination of a 235 kW (315 HP) engine and the new HIOS IIIB hydraulic system meets requirements, in terms of both output and fuel consumption.

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Rock-Solid, Durable Front Attachment The new ZAXIS adopts the boom and arm used for heavy-duty versions of the conventional ZAXIS series to the ZX470-5G/ ZX470LC-5G standard models to increase the strength, allowing it to function optimally at tough job sites such as mines / quarries, where an endless stream of operations are required. It also has a wide applicable scope by using a bucket for civil engineering work or one for quarrying, depending on the intended use. The arm cylinder, boom cylinders and bucket cylinder for the retract side cushion shocks at the stroke ends to reduce noise and extend the service life. Strengthened Fixed Gauge Undercarriage The new undercarriage is an integral construction, the track center and side frame of which are welded together. The lower center of gravity of the body improves stability. For idler brackets, where stress is concentrated in transit, the box-structure and reinforcing plates limit deformation and enhance travel stability. An enhanced two- step side step ladder is also provided to facilitate entering/alighting from the cab. Proven Upperstructure. Hitachi Zaxis Zx 470lc-5g Excavator Workshop Service Repair Manual