

## Hitachi Zaxis Zx 170w-3 190w-3 Excavator Workshop Service Manual

**Hitachi Zaxis Zx 170w-3 190w-3** The new E mode, H/P mode and P mode can be selected to suit job needs. The new E mode can save fuel consumption by up to 16% compared to the conventional model's P mode, while yielding similar production. **HIOS II Hydraulic System** HIOS II hydraulic system delivers higher operator satisfaction. Additionally, the new ZAXIS utilizes new system for higher margin by new ZAXIS 210 pump and improved stability.



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We gave the unit even a greater stability during operation by allowing the user to fix the front axle, with a function that locks the front axle cylinder. This lets you concentrate fully on operation, since the axle cylinder automatically locks when you release your foot from the accelerator and the speed is less than 3 km/h.

This system holds the lock and release of the brake along with the movement of the brake pedal. If you press the pedal down once, it holds the brake until the next time you press the pedal.

**Smooth and Shockless Operation** Yawing vibrations that occur when swing operation is stopped have been decreased by installing a swing dampener valve and shockless valve. This lets the operator smoothly and accurately stop motion at the intended place. **No-play disk brake** It utilizes no-play disk brake which holds wheel directly without play of final gear. Reliable tire lock on operating front attachment.