

Excavator daily inspection checklist



Check	OK	Issue	N/A	Note
Engine off — the walkaround				
Track tension and sag sag within the range your operator's manual gives, measured the way it says; too tight wears everything, too loose throws a track.				
Rollers, idlers, sprockets, and shoes rollers turning, sprocket teeth not hooked, shoe bolts tight, no deep cuts in rubber tracks, packed mud and scrap dug out.				
Turntable and swing nothing jammed around the swing bearing, the swing drive dry, nothing loose or cracked on the upper frame.				
Cylinders and rods rods free of scoring and nicks, seals not weeping. A scored rod destroys the seal it slides through.				
Hoses and fittings chafing, bulges, and wet fittings. Look for leaks with your eyes or a piece of cardboard; never feel for one.				
Fluids and fresh drips engine oil, hydraulic oil, coolant, fuel, and diesel exhaust fluid where fitted; then the ground underneath for anything fresh.				
Cab glass, guards, and ROPS/FOPS glass uncracked, guards and screens tight, the protective structure undamaged, mirrors and cameras clean and aimed.				
Steps and handrails clear of mud, ice, and grease, and solid. Climb on and off facing the machine, three points of contact.				
Boom, stick, bucket, and coupler				
Boom and stick welds cracks at welds and bosses, especially at the boom foot, the boom-to-stick joint, and the bucket linkage.				
Pins and bushings greased every point on the lube chart greased until fresh grease shows; play at a pin shows up as clunk at the bucket.				
Bucket teeth and cutting edge teeth and retainers all there, adapters not worn through, cutting edge and side cutters intact.				
Quick coupler locked locking pin fully engaged and the indicator showing locked; after every change, press the bucket against the ground to prove it.				
Engine on — the function checks				
Hydraulic lockout lever lever in the locked position, nothing moves when you touch a control; unlocked, everything answers.				
Control pattern the pattern selector is set to the pattern you run. Try a slow stick movement before anything fast.				
Swing and swing brake smooth swing both ways, no clunk, and the upper holds where you stop it.				
Boom, stick, and bucket travel full travel on each function, smooth, and no drift with the bucket raised and the controls released.				
Travel and park tracks forward and reverse in a straight line, and the machine holds when you stop.				
Travel alarm, horn, and lights alarm and horn both sound, work lights and beacon on.				
Gauges and seat belt no warning lights left on, hour meter reading noted, belt present and latching.				

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Around the machine				
Swing radius clear nobody and nothing inside the reach of the counterweight's tail swing; barricade it where people walk past.				
Overhead lines where the lines are, how high the boom reaches, and who will watch the clearance for you.				
Buried services and trench edge services located and marked before you dig, and the machine kept back from the edge of the excavation.				
Add your operator's manual items				

Unit

Hour meter

Date

Operator

Signature