

Motor grader daily inspection checklist



Check	OK	Issue	N/A	Note
Engine off — the walkaround				
Six tires and wheel nuts cuts, bulges, and sidewall damage on all six, inflation looking even, no missing or rust-streaked wheel nuts.				
Tandem housings no oil weeping from seals, plugs, or the oscillation joint; level checked where your manual says.				
Circle and drawbar wear on the circle teeth and wear strips, cracks at the drawbar, and visible play at the ball and circle guides.				
Moldboard, edges, end bits moldboard straight and crack-free, edge and end-bit bolts tight, nothing worn back into the moldboard.				
Ripper or scarifier shanks, teeth, and pins present and retained, frame uncracked, if fitted.				
Front plow and wing wing post, hinge pins, and mounts tight and retained, wing hoses unchafed, plow edge and trip working, if fitted.				
Articulation joint and lock pins and retainers in place, no cracks at the frame, lock stowed for work and pinned for service.				
Front axle and wheel lean lean pins, tie rods, and steering links tight, no fresh play, no bent links.				
Hoses and fittings chafe, bulges, and wet fittings along the frame and at the circle. Look for leaks with your eyes, never your hand.				
Fluids engine oil, hydraulic oil, coolant, and fuel levels, then a look underneath for anything fresh.				
Lights and mirrors every lens and mirror present, clean, uncracked, and aimed: a grader carries a lot of both.				
Cab glass and steps glass uncracked and clean all round, steps and grab handles clear of mud and ice.				
Engine on — the function checks				
Blade lift and side-shift both lift cylinders and side-shift through full travel, smooth, no drift with the controls released.				
Circle turn and tip the circle turns both ways without chatter or jumping; moldboard tip moves through its full range.				
Steering, articulation, wheel lean steering firm lock to lock, frame articulates both ways, wheels lean and return to straight.				
Differential lock engages and releases cleanly, and the indicator agrees with the switch.				
Service and park brakes the grader stops straight and holds with the park brake set.				
Horn, alarm, and lights horn, travel alarm, work lights, and beacons all working.				
Gauges and seat belt no warning lights left on, hour meter noted, belt latching and not frayed.				
Around the machine				
People and other machines who is working the same stretch on foot or in another machine, and where your blind spots fall.				
Soft shoulders and edges ditches, soft or thawing shoulders, and drop-offs the tandems or a leaned front wheel could slide into.				
Overhead clearances power lines, signs, and branches over the stretch you'll work, and how high a raised wing reaches.				

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Check	OK	Issue	N/A	Note
Add your operator's manual items				

Unit

Hour meter

Date

Operator

Signature