



Albatross Equipment Earthworks
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Inspection Checklist for 2018 DEERE 331G



Equipment Details

- Model: 2018 DEERE 331G
- Hours: 875
- Condition: Good
- Key Features: EROPS, Heat & Air, Radio, Rear Camera, SJC Controls, 2-Speed Travel, Auxiliary Hydraulics, 91 HP Yanmar Diesel Engine, Hydraulic Quick Attach, New 84" Heavy-Duty Bucket, 18" Rubber Tracks, 3,100 LB Lift Capacity, Operating Weight: 11,900 lbs

Exterior and Structural Integrity

- Cab Structure: Inspected cab for structural integrity and signs of damage — No cracks, dents, or deformations observed.
- Loader Arms: Checked loader arms for wear, bending, or cracks — Structurally sound and functional.
- Paint Condition: Paint shows typical wear for age and hours, with minor cosmetic scratches.

Hydraulic System

- Hydraulic Fluid Levels: Fluid levels within manufacturer specifications, no leaks detected.
- Hoses and Lines: Inspected for wear, cracking, or leaks — All hydraulic hoses in good condition.
- Auxiliary Hydraulics: Verified auxiliary hydraulics operate without issues — System functions correctly under load.

Tracks and Undercarriage

- Rubber Tracks: Inspected 18" tracks for wear and damage — Tread at approximately 80% life remaining, no tears or splitting.
- Undercarriage Components: Checked rollers, sprockets, and idlers — All components are functional with minimal wear.

Engine and Powertrain

- Engine Operation: Yanmar 91 HP diesel engine starts smoothly with no unusual noises or vibrations.
- Fluids: Checked engine oil, coolant, and fuel — Levels are adequate with no signs of contamination.
- 2-Speed Transmission: Verified smooth engagement and operation in both speed settings.

Electrical and Control Systems

- Operator Controls: SJC controls are responsive and free of defects.
- Rear Camera: Camera provides a clear and unobstructed view.
- Radio: AM/FM radio is functional.
- Lighting: All exterior lights operational, including safety and work lights.

Cab and Operator Environment

- Climate Control: Heat and air conditioning systems fully functional, providing adequate cabin comfort.
- Seat and Controls: Seat and armrest show minor wear consistent with usage; all controls are intact and operational.
- Glass and Seals: All glass panels intact with no cracks; door and window seals are tight and free from leaks.

Attachment and Bucket

- Bucket Condition: New 84" heavy-duty bucket — No damage, wear, or rust.
- Quick Attach: Hydraulic quick attach system engages and disengages attachments without issues.

Performance and Load Testing

- Lift Capacity: Verified 3,100 lbs lift capacity during testing — Performed as expected without loss of hydraulic power.
- Operational Smoothness: Tested functionality under load — No issues noted.

Overall Assessment

The 2018 DEERE 331G is in good condition. The machine shows typical wear for its age and hours but is fully operational and work-ready. Key components, including the hydraulic system, tracks, and engine, have been well-maintained. The addition of a new 84" heavy-duty bucket ensures the equipment is ready for immediate use. Minor cosmetic wear does not affect functionality.

Notes: No further maintenance or repairs are required at this time.