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## **Inspection Checklist for 2018 John Deere 85G**



### **Cab and Operator Controls**

- Cab Interior: Clean and well-maintained. All controls, levers, and switches are operational.
- HVAC System: Heat and A/C are functioning correctly, providing consistent airflow.
- Visibility: No cracks or damage on the cab glass. Wipers are operational.
- Seat Condition: Operator seat is in good condition with no tears or significant wear.

### **Engine and Performance**

- Engine Condition: Diesel engine starts smoothly, with no unusual noises or smoke.
- Oil Levels: Checked and within recommended range. No leaks detected.
- Air Filters: Clean and functional.
- Exhaust System: No visible damage or excessive smoke during operation.

### **Hydraulic System**

- Hydraulic Fluid Levels: Properly filled; no leaks observed at hoses or fittings.
- Hydraulic Thumb: Fully operational with no signs of wear or leakage on the cylinders.
- Auxiliary Hydraulics: Functioning correctly, with smooth operation and no leaks.
- Hydraulic Cylinders: Boom, arm, and bucket cylinders are in good condition; no visible pitting or leaks.

### **Boom, Arm, and Bucket**

- Boom and Arm Condition: Structurally sound with no cracks, welds, or excessive wear.
- Bucket: 35" bucket in good condition with minor wear on teeth. No cracks or damage.
- Pins and Bushings: Inspected; no excessive play or wear noted.

### **Undercarriage**

- Tracks: 17" rubber tracks show moderate wear, with approximately 70% life remaining. No visible cracks or delamination.
- Sprockets and Rollers: Good condition with no unusual wear patterns or damage.
- Track Tension: Properly adjusted within manufacturer specifications.

### **Swing Drive and Motor**

- Swing Drive: Operates smoothly with no unusual noises or jerks during operation.
- Swing Motor: Inspected; functioning correctly without leaks or performance issues.

### **Blade and Attachments**

- Backfill Blade: 86" blade is straight, with minor surface wear. Hydraulic operation is smooth and leak-free.
- Hydraulic Coupler: Fully operational, enabling secure and efficient bucket changes.

## **Electrical System**

- **Battery:** Tested and holds charge; connections are secure and free of corrosion.
- **Lighting:** All work lights and safety lights are operational.

## **General Condition**

- **Chassis and Frame:** Structurally sound with no cracks, dents, or signs of damage.
  - **Paint and Exterior:** Minor cosmetic wear consistent with age and usage.
  - **Fluid Levels:** Coolant, transmission fluid, and engine oil levels are all within normal ranges.
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## **Summary of Inspection**

The 2018 DEERE 85G excavator is in good overall condition. All critical components are operational, with no major defects or immediate maintenance needs. The machine is well-suited for job site applications, and its clean condition reflects proper maintenance practices.