



**Albatross Equipment Earthworks**  
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## Inspection Checklist for 2018 BOBCAT E55

### General Information

**Model:**

2018 BOBCAT E55

**Hours:**

1,657

**Condition:**

Good condition

**Specifications:**

- Cab: Enclosed with heat, air conditioning, and radio
- Engine: 49.8 HP Doosan Diesel
- Digging Depth: 13.9 ft max
- Tracks: 16" rubber tracks
- Operating Weight: 12,315 lbs
- Features: Long arm, 2-speed, 2 sets of auxiliary hydraulics, hydraulic thumb, hydraulic X-Change coupler, 10" tooth bucket, 78" backfill blade

### Hydraulic System

- Hydraulic Fluid Levels: Checked; fluid at recommended levels, no leaks detected at hoses, fittings, or cylinders.
- Hydraulic Hoses: Inspected; no visible wear, cracks, or leaks.
- Hydraulic Cylinders: Fully operational with no visible pitting or scoring on rods. Seals intact and no fluid seepage.
- Hydraulic Pumps: Operating efficiently with no unusual noise or pressure issues.

### Boom, Arm, and Bucket

- Boom and Arm: Inspected; no cracks, dents, or signs of stress. Pins and bushings show moderate wear with no excessive play.



- Hydraulic Thumb: Tested; fully functional, no leaks or misalignment.
- Bucket Condition: 10" tooth bucket shows moderate wear on teeth but is structurally sound with no cracks or deformities.
- X-Change Coupler: Inspected; operates smoothly, securely locks bucket in place.

### **Engine**

- Oil Levels: Checked; within the normal range, no contamination or discoloration detected.
- Exhaust: No visible smoke or unusual odors.
- Filters: Air and oil filters inspected; clean and in good condition.
- Performance: Engine starts easily and runs smoothly with no unusual noises or vibrations.

### **Undercarriage**

- Tracks: 16" rubber tracks inspected; 75% tread life remaining with no major cracks or damage.
- Rollers and Sprockets: Moderate wear, all components are operational and within acceptable limits.
- Idlers: No signs of misalignment or excessive wear.
- Track Tension: Properly adjusted within manufacturer specifications.

### **Swing Drive and Swing Motor**

- Swing Drive: Smooth operation with no excessive play or unusual noises.
- Swing Motor: Inspected; no leaks or operational issues observed.

### **Cab Condition**

- Interior: Clean and well-maintained, with no visible damage or excessive wear.
- HVAC System: Heat and air conditioning operational, efficiently regulating temperature.
- Controls and Gauges: All controls and gauges are functional and responsive.
- Operator Seat: Seat and suspension are in good condition, showing no significant wear or damage.

### **Transmission and Drivetrain**

- 2-Speed Travel: Tested; shifts smoothly and performs well in both speeds.
- Drivetrain Components: Inspected; no unusual noises or performance issues.

### **Backfill Blade**

- Condition: 78" blade is straight and free from dents or cracks.
- Hydraulics: Fully operational with no leaks.
- Performance: Blade raises, lowers, and angles as designed.

### **Electrical System**

- Lights: Fully functional, all safety and operational lights working as intended.
- Radio: Operational with clear sound.
- Battery and Connections: Inspected; battery holds a charge, and connections are secure and corrosion-free.

### **Summary of Findings**

The 2018 BOBCAT E55 Excavator is in good overall condition. All major systems are operational, with no critical issues or immediate maintenance required. Routine servicing is recommended to maintain peak performance.

#### Recommendations:

- Monitor track wear and replace as necessary after additional use.
- Schedule routine hydraulic fluid replacement per manufacturer intervals.
- Inspect and replace bucket teeth during the next maintenance cycle.