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Inspection Checklist for 2016 Bobcat T450



Inspection Checklist

Structural Components

- Loader Arms: No visible signs of bending, cracks, or excessive wear.
- Frame Integrity: Inspected and found no structural damage, cracks, or deformations.
- Bucket Condition: 66" GP bucket shows minimal wear; cutting edge intact with no major dents or cracks.

Hydraulic System

- Hydraulic Hoses and Connections: No visible leaks; hoses in good condition with no cracks or excessive wear.
- Auxiliary Hydraulic System: Operational; provides consistent pressure and flow for attachments.
- Hydraulic Cylinders: Inspected for leaks and wear—found no issues.
- Fluid Levels: Hydraulic fluid level within the recommended range; no contamination or discoloration observed.

Tracks and Undercarriage

- Track Condition: New 13" rubber tracks installed; show no wear or damage.
- Track Tension: Properly adjusted to manufacturer specifications.

- Undercarriage Components: Rollers, idlers, and sprockets in good condition with no visible wear.

Engine and Powertrain

- Engine Performance: 61 HP Doosan diesel engine starts smoothly and runs without unusual noise or vibrations.
- Exhaust System: No visible exhaust leaks; emissions appear normal.
- Fluids: Engine oil and coolant levels within recommended ranges; no leaks detected.
- Transmission and Travel Motors: 2-speed travel tested and operates smoothly in both ranges.

Cab and Controls

- Operator's Cab: Enclosed ROPS (EROPS) in good condition; no visible cracks or damage to glass or structure.
- Climate Control: Heater functional; air conditioning non-operational due to missing compressor.
- Operator Controls: Hand and foot controls responsive and free of defects or wear.
- Instrumentation: Gauges and warning indicators functional; no fault codes displayed.
- Visibility: Windows clean and free of obstructions; mirrors intact.

Electrical System

- Battery: Holds charge; terminals clean and free of corrosion.
- Lights: All exterior and interior lights operational.
- Electrical Components: Wiring inspected; no frays or exposed wires found.

General Wear and Maintenance

- Paint and Exterior: Cosmetic scratches present; no significant rust or corrosion.
- Service History: Recently serviced, with no overdue maintenance tasks.
- Fluid Leaks: None detected from any system (hydraulic, engine, transmission).

Tires and Attachments

- Lift Capacity: Tested at 1,400 lbs and performed without issues.
- Hydraulic SSL Quick Attach: Operates smoothly, allowing efficient attachment changes.
- Bucket Mounting Points: Secure with minimal wear.

Inspection Summary

The 2016 BOBCAT T450 is in good condition and mechanically sound, with minimal wear for its age and usage. New rubber tracks provide excellent traction, and the hydraulic and engine systems are in optimal condition. Minor deficiencies noted include a non-functional air conditioning system due to a missing compressor. Overall, this Skidsteer is work-ready and requires no immediate repairs or maintenance beyond the optional A/C compressor replacement.

****Rating**:** 90% Condition

****Mechanic's Notes**:** This machine has been thoroughly inspected and is deemed suitable for heavy-duty operations. Buyer should consider addressing the A/C compressor replacement if cooling functionality is required.