

SERVICE SCHEDULE

Maintenance Intervals

Maintenance work must be done at regular intervals. Failure to do so will result in excessive wear and early failures.

The service schedule is a guide for correct maintenance of the Bobcat VersaHANDLER.

During service, record:

- The machine operating hours.
- Maintenance procedures that are performed.



AVOID INJURY OR DEATH

Instructions are necessary before operating or servicing machine. Read and understand the Operation & Maintenance Manual, Operator's Handbook and signs (decals) on machine. Follow warnings and instructions in the manuals when making repairs, adjustments or servicing. Check for correct function after adjustments, repairs or service. Untrained operators and failure to follow instructions can cause injury or death.

W-2003-0807

Every 10 Hours (Before Starting The VersaHANDLER)

- **Engine Oil** - Check level and add as needed. Do not overfill. Check engine for oil leaks.
- **Engine Air Filters and Air System** - Service only when required. Check for leaks and damaged components.
- **Engine Cooling System** - Check oil and fuel coolers, radiator and air conditioner condenser. Check coolant level cold in reservoir. Add premixed coolant as necessary. Check cooling system for leaks.
- **Exhaust System** - Check exhaust system for leaks.
- **Hydraulic Fluid** - Check fluid level and add as needed.
- **Fuel Filter** - Check display panel. Remove the trapped water.
- **Seat Belt** - Check the condition of seat belt. Clean or replace seat belt retractors as needed. Clean dirt and debris from moving parts
- **Front Horn and Back-up Alarm** - Check for proper function. Service as necessary.
- **Service Brakes** - Check for function. Service as necessary.
- **Parking Brakes** - Check for function. Adjust or service as necessary.
- **Tires** - Check for wear or damage. Inflate to correct pressure. Be sure all tires are inflated to the same pressure. Use only approved tires.
- **Wheel Nuts** - Perform every 8 hours or daily for the first week, then as scheduled. Check for loose wheel nuts and tighten to correct torque.
- **Operator Cab and Cab Mounting Hardware** - DO NOT operate without right cab window.
- **Boom Stop** - Replace if Damaged.
- **Loose or Broken Parts** - Repair or Replace as necessary.
- **Safety Signs, Safety Treads and Mirrors** - Check for damaged signs (decals), safety treads and mirrors. Replace any signs, safety treads or mirrors that are damaged or worn.
- **Bob-Tach Tilt Cylinder Rod End, Pivot Pins, Wedges** - Lubricate with multipurpose lithium based grease.

Every 50 Hours

- **Fuel Filter** -Service at first 50 hours, then as scheduled.
- **Engine Cooling System** - Clean debris from radiator, air cooler, hydraulic fluid cooler, air conditioning condenser, and grille.
- **Engine Oil and Filter** -Service at first 50 hours, then as scheduled.
- **Hydraulic / Hydrostatic Fluid Filter**- Service at first 50 hours, then as scheduled. Use a genuine Bobcat filter.
- **Air Conditioning Belt** - Check condition. Replace as needed.
- **Articulation Pins, Axle Oscillation (Front/Rear), Boom Pivot, Lift Cylinder, Self Leveling Cylinder,** - Lubricate with multipurpose lithium based grease.
- **Telescopic Boom Wear Pads** - Lubricate with multipurpose lithium based grease.
- **Hydraulic Hoses, Tubelines and Connections** - Check for leaks. Repair or replace as needed.
- **Harnesses** - Check condition. Repair or replace as needed.

SS VH V519-1016

V519 VersaHANDLER

SERVICE SCHEDULE (CONT'D)

Maintenance Intervals (Cont'd)

Every 100 Hours

- **Wheel Nuts** - Check for loose wheel nuts and tighten to correct torque.
- **Planetary Carriers** - Service at first 100 hours, then as scheduled. Replace fluid.
- **Axle and Differential Fluid** - Service at first 100 hours, then as scheduled. Replace fluid.
- **Reduction Box Fluid** - Service at first 100 hours, then as scheduled. Replace fluid.

Every 250 Hours Or Every 12 Months

- **Planetary Carriers** - Check level.
- **Axle and Differential Fluid** - Check level.
- **Reduction Box Fluid** - Check level.
- **Alternator Belt** - Check belt tension.

Every 500 Hours Or Every 12 Months

- **Engine Air Filters and Air System** - Service only when required. Check for leaks and damaged components.
- **Fuel Filter** - Replace fuel filter element.
- **Engine Oil and Filter** - Replace oil and filter.
- **Engine Cooling System** - Check coolant concentration (with a refractometer). Replace as scheduled.
- **Air Conditioning Belt** - Check condition. Replace as needed.
- **Hydraulic / Hydrostatic Fluid Filter** - Replace the filter element. Use a genuine Bobcat filter.
- **Hydraulic Tank Breather** - Replace the hydraulic tank breather.
- **Telescopic Boom Wear Pads** - Check for wear. Replace as necessary.
- **Service Brake Pedal Spring** - Lubricate with multipurpose lithium based grease.
- **Cab Air Filter** - Check filter condition. Check for damage. Clean or replace as necessary.

Every 750 Hours Or Every 12 Months

- **Planetary Carriers** - Replace the fluid.
- **Axle and Differential Fluid** - Replace the fluid.
- **Reduction Box Fluid** - Replace the fluid. Maximal service time is 800 hours.

Every 1000 Hours Or Every 12 Months

- **Battery and Cable Connectors** - Check voltage. Check terminals for good contact and presence of protective grease.
- **Engine Mounts** - Tighten. Replace if damaged.
- **Engine Air Filter** - Service only when required. Check for leaks and damaged components.
- **Alternator Belt** - Check condition. Replace as needed.
- **Air Conditioning Belt** - Check condition. Replace as needed.
- **Hydraulic Fluid** - Replace the fluid.
- **Fastenings, Hose Unions and Clips** - Replace if damaged.

Every 3000 Hours

- **Alternator Belt** - Replace the belt.

Every 24 Months

- **Coolant** - Replace the coolant.