

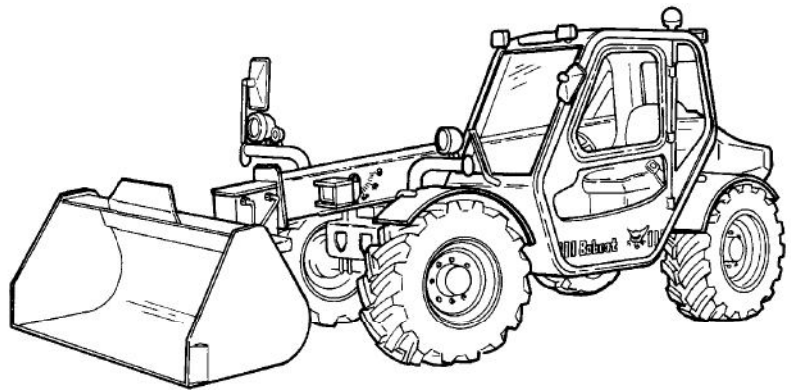
# V723



**Bobcat®**  
**VersaHANDLER**

# Service Manual

S/N 367810501, 367811001 & Above (with Cab)  
S/N 368011001 & Above (with Cab & Frame Leveling)  
S/N 368110501, 368111001 & Above (with Canopy &  
Frame Leveling)



*Doosan purchased Bobcat Company from Ingersoll-Rand Company in 2007. Any reference to Ingersoll-Rand Company or use of trademarks, service marks, logos, or other proprietary identifying marks belonging to Ingersoll-Rand Company in this manual is historical or nominative in nature, and is not meant to suggest a current affiliation between Ingersoll-Rand Company and Bobcat Company or the products of either.*



Printed in U.S.A.

© Bobcat Company 2007

6902760 (••••)•••

# MAINTENANCE SAFETY

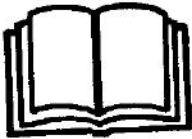


## WARNING

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-2003-0903

### CORRECT



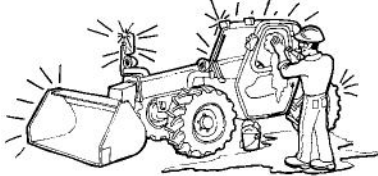
B-10731a

- Never service the Bobcat VersaHANDLER without instructions.



**Safety Alert Symbol:** This symbol with a warning statement, means: "Warning, be alert! Your safety is involved!" Carefully read the message that follows.

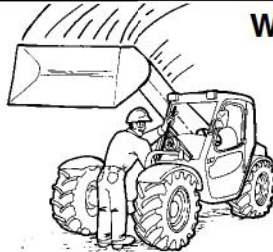
### CORRECT



B-16082

- Cleaning and maintenance are required daily.

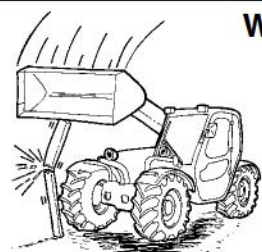
### WRONG



B-16080

- Disconnecting or loosening any hydraulic tubeline, hose, fitting, component or a part failure can cause boom to drop. Do not go under boom when raised unless supported by an approved boom stop. Replace if damaged.

### WRONG



B-16079

- Never work on VersaHANDLER with boom up unless boom is held by an approved boom stop. Replace if damaged.
- Never modify equipment or add attachments not approved by Bobcat Company.

### WRONG



B-16081

- Have good ventilation when welding or grinding painted parts.
- Wear dust mask when grinding painted parts. Toxic dust and gas can be produced.
- Avoid exhaust fume leaks which can kill without warning. Exhaust system must be tightly sealed.

### WRONG



B-16078

- Keep body, jewelry and clothing away from moving parts, electrical contact, hot parts and exhaust.
- Wear eye protection to guard from battery acid, compressed springs, fluids under pressure and flying debris when engines are running or tools are used. Use eye protection approved for type of welding.

### WRONG



B-6589

- Lead-acid batteries produce flammable and explosive gases.
- Keep arcs, sparks, flames and lighted tobacco away from batteries.
- Batteries contain acid which burns eyes or skin on contact. Wear protective clothing. If acid contacts body, flush well with water. For eye contact flush well and get immediate medical attention.

Maintenance procedures which are given in the Operation & Maintenance Manual can be performed by the owner/operator without any specific technical training. Maintenance procedures which are **not** in the Operation & Maintenance Manual must be performed **ONLY BY QUALIFIED BOBCAT SERVICE PERSONNEL**. Always use genuine Bobcat replacement parts.

MSW12-0805

Dealer Copy -- Not for Resale

## ALPHABETICAL INDEX

<p>ACCUMULATOR..... 20-01</p> <p>AIR CLEANER ..... 70-01</p> <p>AIR CLEANER SERVICE ..... 10-01</p> <p>AIR CONDITIONING SERVICE..... 80-01</p> <p>AIR CONDITIONING SYSTEM FLOW ..... 80-01</p> <p>AIR INTAKE COWLING ..... 50-01</p> <p>ALTERNATOR ..... 60-01</p> <p>APPROVED BOOM STOP ..... 10-01</p> <p>AXLE AND DIFFERENTIAL (FRONT) (FOR S/N 367811001-367812000, S/N 368011001-368012000 AND S/N 368111001-368112000) ..... 40-01</p> <p>AXLE AND DIFFERENTIAL (FRONT) (FOR S/N 367812001 &amp; ABOVE, S/N 368012001 &amp; ABOVE, S/N 368112001 &amp; ABOVE) ..... 40-01</p> <p>AXLE AND DIFFERENTIAL (REAR) (FOR S/N 367811001-367812000, S/N 368011001-368012000 AND S/N 368111001-368112000) ..... 40-01</p> <p>AXLE AND DIFFERENTIAL (REAR) (FOR S/N 367812001 &amp; ABOVE, S/N 368012001 &amp; ABOVE, S/N 368112001 &amp; ABOVE) ..... 40-01</p> <p>AXLES (FRONT AND REAR) (FOR S/N 36781001- 367812000, S/N 368011001-368012000, S/N 368111001-368112000) ..... 10-01</p> <p>AXLES (FRONT AND REAR) (FOR S/N 368112001 &amp; ABOVE, S/N 368012001 &amp; ABOVE, S/N 368112001 &amp; ABOVE) ..... 10-01</p> <p>AXLE PIVOT FRAME (FOR S/N 367811001-367812000, S/N 368011001-368012000 AND S/N 368111001-368112000) ..... 40-01</p> <p>AXLE TOE-IN (FOR S/N 367811001-367812000, S/N 368011001-368012000, (S/N 368111001-368112000) ..... 40-01</p> <p>AXLE TOE-IN (FOR S/N 367812001 &amp; ABOVE, S/N 368012001 &amp; ABOVE, S/N 368112001 &amp; ABOVE) ..... 40-01</p> <p>BASIC TROUBLESHOOTING ..... 80-01</p> <p>BATTERY ..... 60-01</p> <p>BOOM ASSEMBLY ..... 50-01</p> <p>BRAKE LIGHT SWITCH ..... 60-01</p> <p>BRAKE VALVE ..... 20-01</p> <p>BUCKET POSITION CYLINDER ..... 20-01</p> <p>CANOPY ..... 50-01</p> <p>COMPONENTS ..... 80-01</p> <p>COMPRESSOR ..... 80-01</p> <p>CONDENSER ..... 80-01</p> <p>CONVERSIONS ..... SPEC-01</p> <p>DASH COVER/STEERING COLUMN COVER..... 50-01</p> <p>DRIVE BOX (FOR 367811001-367812000, S/N 368011001-368012000) AND S/N 368111001-368112000) ..... 20-01</p>	<p>DRIVE BOX (FOR 367812001 &amp; ABOVE, S/N 368012001 &amp; ABOVE, S/N 368112001 &amp; ABOVE) ..... 20-01</p> <p>DRIVESHAFT ..... 40-01</p> <p>ELECTRICAL SYSTEM INFORMATION ..... 60-01</p> <p>ENGINE AND ENGINE MOUNTS ..... 70-01</p> <p>ENGINE COMPONENTS AND TESTING ..... 70-01</p> <p>ENGINE COOLING SYSTEM ..... 10-01</p> <p>ENGINE COVER ..... 10-01, 50-01</p> <p>ENGINE/HYDROSTAT ASSEMBLY ..... 70-01</p> <p>ENGINE LUBRICATION SYSTEM ..... 10-01</p> <p>ENGINE SPECIFICATIONS ..... SPEC-01</p> <p>ENGINE SPEED CONTROL ..... 70-01</p> <p>ENGINE TIMING ..... 70-01</p> <p>EVAPORATOR/BLOWER UNIT ..... 80-01</p> <p>EXPANSION VALVE ..... 80-01</p> <p>EXTENSION CYLINDER..... 20-01</p> <p>FAN MOTOR ..... 20-01</p> <p>FENDER ..... 50-01</p> <p>FLOW CONTROL VALVE ..... 20-01</p> <p>FRAME LEVELING CYLINDER ..... 20-01</p> <p>FRAME LEVELING SPEED SWITCH ..... 60-01</p> <p>FLYWHEEL AND HOUSING ..... 70-01</p> <p>FRONT AXLE (FOR S/N 367812001 &amp; ABOVE, S/N 368012001 &amp; ABOVE, S/N 368112001 &amp; ABOVE) ..... 40-01</p> <p>FRONT AXLE WITH FRAME LEVELING (FOR 368011001-368012000 AND S/N 368111001-368112000) ..... 40-01</p> <p>FRONT AXLE WITHOUT FRAME LEVELING (FOR 367811001-367812000) ..... 40-01</p> <p>FRONT WIPER MOTOR ..... 60-01</p> <p>FUEL SYSTEM..... 10-01</p> <p>FUEL TANK ..... 50-01</p> <p>GEAR PUMP ..... 20-01</p> <p>GENERAL AIR CONDITIONING SERVICE GUIDELINES ..... 80-01</p> <p>HEATER ASSEMBLY ..... 80-01</p> <p>HYDRAULIC CONNECTION SPECS ..... SPEC-01</p> <p>HYDRAULIC CONTROL VALVE ..... 20-01</p> <p>HYDRAULIC RESERVOIR..... 20-01</p> <p>HYDRAULIC / HYDROSTATIC FLUID SPECIFICATIONS ..... SPEC-01</p> <p>HYDRAULIC / HYDROSTATIC SYSTEM ..... 10-01</p> <p>HYDRAULIC SYSTEM INFORMATION ..... 20-01</p> <p>HYDROSTATIC DRIVE MOTOR ..... 30-01</p> <p>HYDROSTATIC PUMP ..... 30-01</p> <p>HYDROSTATIC SYSTEM INFORMATION ..... 30-01</p> <p>INCHING SWITCH ..... 60-01</p> <p>INNER BOOM ..... 50-01</p> <p>INSTRUMENT PANEL..... 60-01</p>
---	---

Dealer Copy -- Not for Resale

**ALPHABETICAL INDEX (CONT'D)**

JOYSTICK.....	20-01	SERVICE BRAKE (FOR S/N 367812001 & ABOVE, S/N 368012001 & ABOVE, S/N 368112001 & ABOVE).....	40-01
JOYSTICK PANEL.....	50-01	SERVICE SCHEDULE .....	10-01
LATERAL OPERATOR RESTRAINT SYSTEM (LORS).....	10-01, 60-01	SERVICE SOFTWARE .....	60-01
LIFT CYLINDER.....	20-01	SPARK ARRESTOR MUFFLER.....	10-01
LIFTING AND BLOCKING THE VERSAHANDLER	10-01	STARTER .....	60-01
LIGHTS .....	60-01	STEERING ANGLE ADJUSTMENT (FOR S/N 367811001-367812000, S/N 368011001-368012000, AND S/N 368111001-368112000).....	40-01
LUBRICATION (FOR S/N 367811001-367812000, S/N 368011001-368012000, S/N 368111001-368112000) .....	10-01	STEERING ANGLE ADJUSTMENT (FOR S/N 367812001 & ABOVE, S/N 368012001 & ABOVE, AND S/N 368112001 & ABOVE).....	40-01
LUBRICATION (FOR S/N 367812001 & ABOVE, S/N 368012001 & ABOVE, S/N 368111001 & ABOVE) .....	10-01	STEERING CYLINDER (FRONT) (FOR S/N 367811001-367812000, S/N 368011001-368012000 AND S/N 368111001-368112000).....	20-01
MACHINE TORQUE SPECIFICATIONS .....	SPEC-01	STEERING CYLINDER (FRONT) (FOR S/N 367812001 & ABOVE, S/N 368012001 & ABOVE, S/N 368112001 & ABOVE).....	20-01
MAIN RELIEF VALVE .....	20-01	STEERING CYLINDER (REAR) (FOR S/N 367811001-367812000, S/N 368011001-368012000 AND S/N 368111001-368112000).....	20-01
MUFFLER.....	70-01	STEERING CYLINDER (REAR) (FOR S/N 367812001 & ABOVE, S/N 3678012001 & ABOVE, S/N 368112001 & ABOVE).....	20-01
OIL COOLER/RADIATOR.....	30-01, 70-01	STEERING MODE VALVE BLOCK.....	20-01
OPERATOR CAB.....	50-01	STEERING VALVE .....	20-01
OPERATOR CAB/CANOPY .....	10-01	SWITCH PANEL.....	60-01
OPERATOR SEAT .....	50-01	SYSTEM CHARGING AND RECLAMATION.....	80-01
PARKING BRAKE.....	20-01	SYSTEM TROUBLESHOOTING CHART .....	80-01
PARKING BRAKE (FOR S/N 367811001- 367812000. S/N 368011001-368012000 AND S/N 368111001-368112000).....	40-01	TEMPERATURE/PRESSURE.....	80-01
PARKING BRAKE (FOR S/N 367812001 & ABOVE, S/N 368012001 & ABOVE S/B 368112001 & ABOVE) .....	40-01	TILT CYLINDER .....	20-01
PEDAL ASSEMBLY .....	60-01	TIRE MAINTENANCE .....	10-01
PIVOT LINK .....	50-01	TOP WIPER MOTOR.....	60-01
PORT RELIEF VALVES.....	20-01	TORQUE SPECIFICATIONS FOR BOLTS ....	SPEC-01
PRESSURE SWITCH.....	80-01	TOW VALVE.....	20-01
PRESSURE REDUCING VALVE.....	20-01	TOWING THE VERSAHANDLER.....	10-01
QUICK-TACH.....	50-01	TRANSPORTING THE VERSAHANDLER .....	10-01
QUICK TACH CYLINDER.....	20-01	TRAVEL/SIGNAL LEVER.....	60-01
REAR AXLE (FOR S/N 367811001-367812000, S/N 368011001-368012000 AND S/N 368111001-368112000).....	40-01	TROUBLESHOOTING .....	40-01
REAR AXLE (FOR S/N 367812001 & ABOVE, S/N 368012001 & ABOVE AND S/N 368112001 & ABOVE) .....	40-01	VERSAHANDLER SPECIFICATIONS .....	SPEC-01
REAR WEIGHTS .....	50-01	WEAR PADS (FRONT) .....	50-01
REAR WIPER MOTOR.....	60-01	WEAR PADS (REAR).....	50-01
RECEIVER / DRIER .....	80-01		
RECONDITIONING THE ENGINE .....	70-01		
REGULAR MAINTENANCE .....	80-01		
SAFETY.....	80-01		
SERVICE BRAKE (FOR S/N 367811001-367812000, S/N 368011001-368012000, S/N 368111001-368112000) .....	40-01		

Dealer Copy -- Not for Resale

# CONTENTS

DELIVERY REPORT.....	X
FOREWORD.....	III
SAFETY INSTRUCTIONS .....	V
SERIAL NUMBER LOCATION .....	IX
BOBCAT VERSAHANDLER IDENTIFICATION .....	XI
SAFETY AND MAINTENANCE.....	10-01
HYDRAULIC SYSTEM .....	20-01
HYDROSTATIC SYSTEM.....	30-01
DRIVE SYSTEM .....	40-01
MAIN FRAME .....	50-01
ELECTRICAL SYSTEM AND ANALYSIS .....	60-01
ENGINE SERVICE .....	70-01
HEATING, VENTILATION, AIR CONDITIONING .....	80-01
SPECIFICATIONS.....	SPEC-01

**SAFETY &  
MAINTENANCE**

**HYDRAULIC  
SYSTEM**

**HYDROSTATIC  
SYSTEM**

**DRIVE  
SYSTEM**

**MAIN FRAME**

**ELECTRICAL  
SYSTEM &  
ANALYSIS**

**ENGINE  
SERVICE**


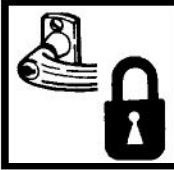

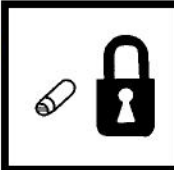


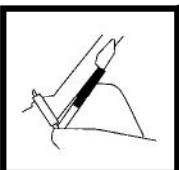
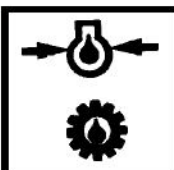


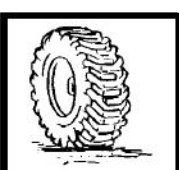
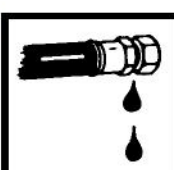



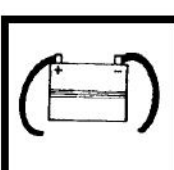
**HVAC**

**SPECIFICATIONS**

# FOREWORD

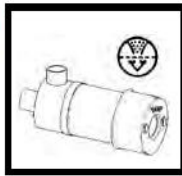
This manual is for the Bobcat VersaHANDLER mechanic. It provides necessary servicing and adjustment procedures for the Bobcat VersaHANDLER and its component parts and systems. Refer to the Operation & Maintenance Manual for operating instructions, starting procedure, daily checks, etc.

A general inspection of the following items must be made after the VersaHANDLER has had service or repair:

- |  |   |  |   |
|--|---|--|---|
| <p>1. Check that ROPS/FOPS (Including right side window) is in good condition and is not modified.</p> |    | <p>9. Enclosure door latches must open and close freely.</p>                         |    |
| <p>2. Check that ROPS mounting hardware is tightened and is Bobcat approved.</p>                       |    | <p>10. Attachment locking pins must function correctly and be in good condition.</p> |    |
| <p>3. The seat belt must be correctly installed, functional and in good condition.</p>                 |    | <p>11. Safety treads must be in good condition.</p>                                  |    |
| <p>4. Check boom support device, replace if damaged.</p>   |   | <p>12. Check for correct function of indicator lamps and gauges.</p>                 |   |
| <p>5. Machine signs must be legible and in the correct location.</p>                                   |  | <p>13. Check hydraulic fluid level, engine oil level and fuel supply.</p>            |  |
| <p>6. Check tires for wear and pressure. Use only approved tires.</p>                                  |  | <p>14. Inspect for fuel, oil or hydraulic fluid leaks.</p>                           |  |
| <p>7. Check for correct function of the work lights.</p>   |  | <p>15. Lubricate the VersaHANDLER.</p>   |  |
| <p>8. The parking brake must function correctly.</p>   |  | <p>16. Check the condition of the battery and cables.</p>                            |  |

Dealer Copy -- Not for Resale

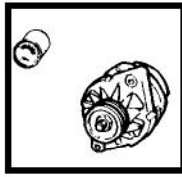
17. Inspect the air cleaner for damage or leaks. Check the condition of the element.



20. Operate the VersaHANDLER and check all functions.



18. Check the electrical charging system.



21. Check for any field modification not completed.



19. Inspect for loose or broken parts or connections.



22. Recommend to the owner that all necessary corrections be made before the machine is returned to service.



## SAFETY INSTRUCTIONS (CONT'D)

### Fire Prevention

The machine and attachments have components that are at high temperature under normal operating conditions. The primary source of high temperatures is the engine and exhaust system. The electrical system, if damaged or incorrectly maintained, can be a source of arcs or sparks.

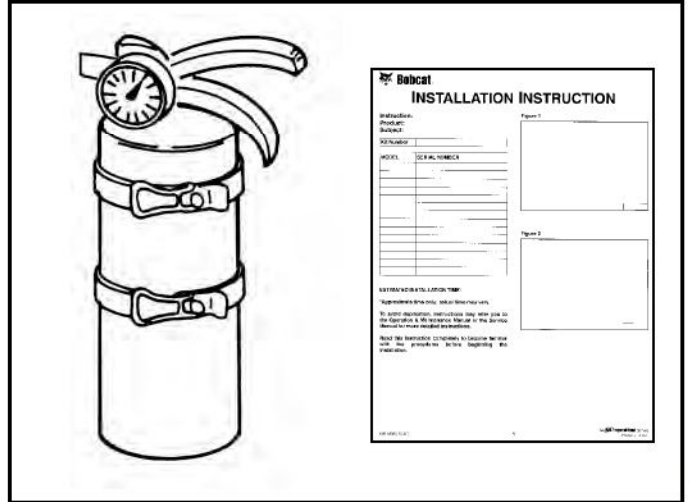
Flammable debris (leaves, straw, etc.) must be removed regularly. If flammable debris is allowed to accumulate, it will increase fire hazard. Clean often to avoid this accumulation. Flammable debris in the engine compartment is a potential hazard.

The spark arrestor muffler is designed to control the emission of hot particles from the engine and exhaust system, but the muffler and the exhaust gases are still hot.

- Do not use the machine where exhaust, arcs, sparks or hot components can contact flammable material, explosive dust or gases.
- The operator cab, engine compartment, and engine cooling system must be inspected every day and cleaned if necessary to prevent fire hazard and overheating.
- Check all electrical wiring and connections for damage. Keep the battery terminals clean and tight. Repair or replace any damaged part.
- Check fuel and hydraulic tubes, hoses and fittings for damage and leakage. Never use open flame or bare skin to check for leaks. Tighten or replace any parts that show leakage. Always clean fluid spills. Do not use gasoline or diesel fuel for cleaning parts. Use commercial nonflammable solvents.
- Do not use ether or starting fluids on any engine which has glow plugs. These starting aids can cause explosion and injure you or bystanders.
- Always clean the machine, disconnect the battery, and disconnect the wiring from the controllers before welding. Cover rubber hoses, battery and all other flammable parts. Keep a fire extinguisher near the machine when welding. Have good ventilation when grinding or welding painted parts. Wear a dust mask when grinding painted parts. Toxic dust or gas can be produced.
- Stop the engine and let it cool before adding fuel. **NO SMOKING!**

- Use the procedure in the Operation & Maintenance Manual for connecting the battery and for jump starting.
- Use the procedure in the Operation & Maintenance Manual for cleaning the spark arrestor muffler (if equipped).

Figure 1



- Know where fire extinguishers and first aid kits are located and how to use them. Fire extinguishers are available from your Bobcat dealer [Figure 1].

Dealer Copy -- Not for Resale



## SERIAL NUMBER LOCATION

Always use the serial number of the VersaHANDLER when requesting service information or when ordering parts. Early or later models (identification made by serial number) may use different parts, or it may be necessary to use a different procedure in doing a specific service operation.

### VersaHANDLER Serial Number

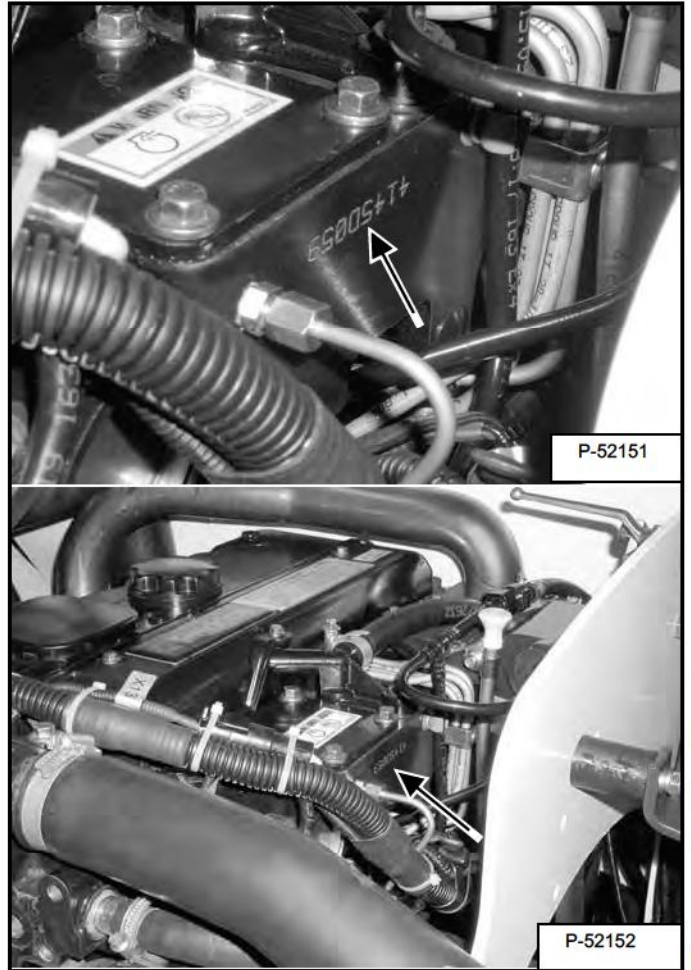
Figure 2



The front, on the right side of the chassis [Figure 2].

### Engine Serial Number

Figure 3



The engine serial number is stamped on a plate near the injection pump or at the rear of the cylinder block [Figure 3]. Always use the full number when ordering replacement parts.

### Other Serial Numbers

Some components may also have serial numbers. Always use these serial numbers when requesting parts.

Dealer Copy -- Not for Resale

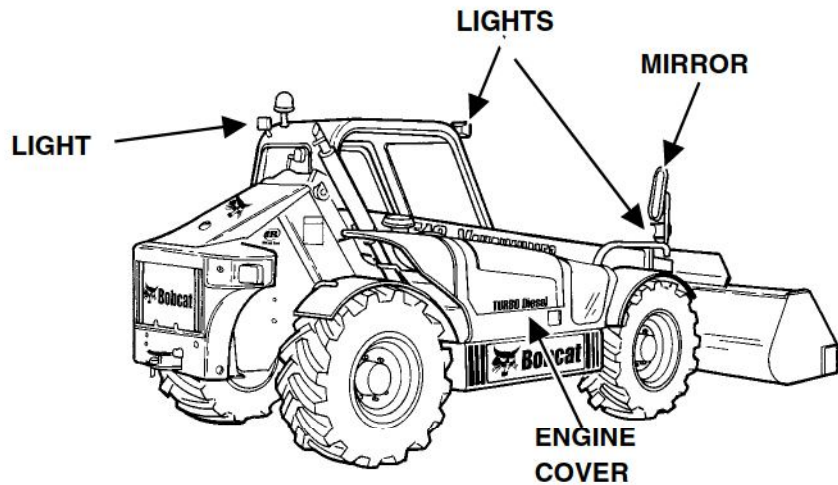
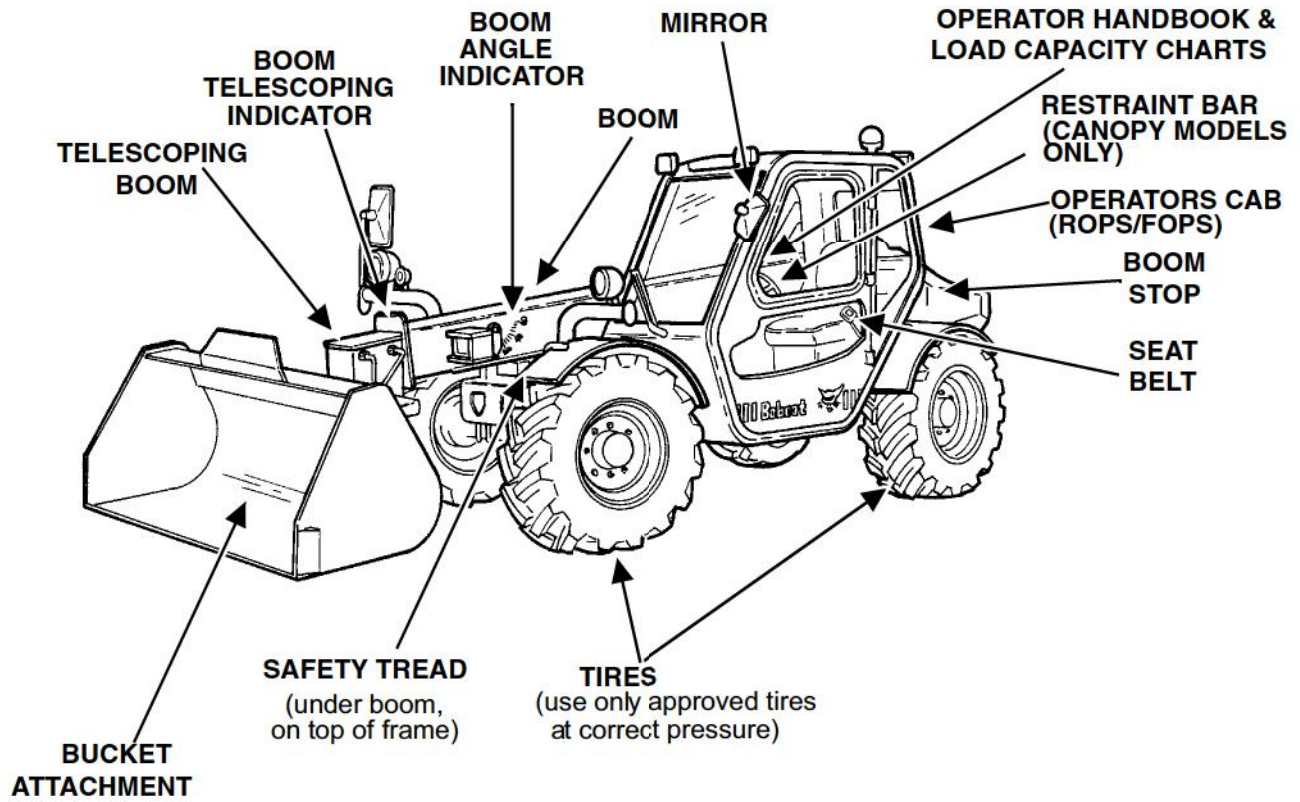
## DELIVERY REPORT

Figure 4

The diagram shows a form titled "DELIVERY REPORT". It features a "WARNING" section on the left and a main body with two columns of text lines. A reference number "B-16315" is located at the bottom right of the form.

The Delivery Report must be filled out by the dealer and signed by the owner or operator when the VersaHANDLER is delivered. An explanation of the form must be given to the owner. Make sure it is filled out completely **[Figure 4]**.

**BOBCAT VERSAHANDLER IDENTIFICATION**



B-15886  
B-23131

Dealer Copy -- Not for Resale

AIR CLEANER SERVICE . . . . . 10-60-1  
    Replacing Filter Element . . . . . 10-60-1

APPROVED BOOM STOP . . . . . 10-150-1  
    Installing The Approved Boom Stop. . . . . 10-150-1  
    Removing The Approved Boom Stop . . . . . 10-150-1

AXLES (FRONT AND REAR) (FOR S/N 367811001 - 367812000, S/  
N 368011001 - 368012000, S/N 36811001 - 368112000). . . . . 10-110-1  
    Checking Oil Level (Front Differential) . . . . . 10-110-2  
    Checking Oil Level (Planetary Carrier) . . . . . 10-110-1  
    Checking Oil Level (Rear Differential) . . . . . 10-110-2  
    Draining Oil (Front Differential) . . . . . 10-110-2  
    Draining Oil (Planetary Carrier) . . . . . 10-110-1  
    Draining Oil (Rear Differential). . . . . 10-110-2

AXLES (FRONT AND REAR) (FOR S/N 367812001 AND ABOVE, S/  
N 368012001 AND ABOVE, S/N 368112001 AND ABOVE). . . . . 10-111-1  
    Checking Oil Level (Front Differential) . . . . . 10-111-2  
    Checking Oil Level (Planetary Carrier) . . . . . 10-111-1  
    Checking Oil Level (Rear Differential) . . . . . 10-111-2  
    Draining Oil (Front Differential) . . . . . 10-111-3  
    Draining Oil (Planetary Carrier) . . . . . 10-111-1  
    Install and tighten the plug. . . . . 10-111-2

ENGINE COOLING SYSTEM . . . . . 10-70-1  
    Checking The Coolant Level . . . . . 10-70-1  
    Cleaning The Cooling System . . . . . 10-70-1  
    Replacing The Coolant . . . . . 10-70-2

ENGINE COVER. . . . . 10-160-1  
    Opening And Closing The Engine Cover . . . . . 10-160-1

ENGINE LUBRICATION SYSTEM . . . . . 10-90-1  
    Checking Engine Oil . . . . . 10-90-1  
    Oil Chart. . . . . 10-90-1  
    Replacing Oil And Filter . . . . . 10-90-2

FUEL SYSTEM . . . . . 10-80-1  
    Filling The Fuel Tank . . . . . 10-80-1  
    Fuel Filter. . . . . 10-80-1  
    Fuel Specifications. . . . . 10-80-1

**Continued On Next Page**

Dealer Copy -- Not for Resale

## SAFETY AND MAINTENANCE (CONT'D)

HYDRAULIC/HYDROSTATIC SYSTEM . . . . .	10-100-1
Checking And Adding Fluid . . . . .	10-100-1
Replacing Hydraulic Fluid . . . . .	10-100-2
Replacing Hydraulic/Hydrostatic Filter . . . . .	10-100-2
LATERAL OPERATOR RESTRAINT SYSTEM (LORS™) . . . . .	10-170-1
System Inspection . . . . .	10-170-1
System Maintenance . . . . .	10-170-2
LIFTING AND BLOCKING THE VERSAHANDLER . . . . .	10-10-1
Procedure . . . . .	10-10-1
LUBRICATION (FOR S/N 367811001 - 367812000, S/N 368011001 - 368012000 AND S/N 368111001 - 368112000) . . . . .	10-120-1
Procedure . . . . .	10-120-1
LUBRICATION (FOR S/N 367812001 AND ABOVE, S/N 368012001 AND ABOVE, S/N 368112001 AND ABOVE) . . . . .	10-121-1
Procedure . . . . .	10-121-1
OPERATOR CAB/CANOPY . . . . .	10-20-1
Cab Door . . . . .	10-20-2
Cab Door Window . . . . .	10-20-2
Emergency Exit . . . . .	10-20-1
SERVICE SCHEDULE . . . . .	10-50-1
SPARK ARRESTOR MUFFLER . . . . .	10-140-1
Cleaning . . . . .	10-140-1
TIRE MAINTENANCE . . . . .	10-130-1
Tire Mounting . . . . .	10-130-1
Tire Rotation . . . . .	10-130-1
Wheel Nuts (For S/N 367811001 - 367812000, S/N 368011001 - 368012000 and S/N 368111001 - 368112000) . . . . .	10-130-1
TOWING THE VERSAHANDLER . . . . .	10-40-1
Procedure (For S/N 367811001 - 367812000, S/N 368011001 - 368012000 and S/N 368111001 - 368112000) . . . . .	10-40-1
Procedure (For S/N 367812001 & Above, S/N 368012001 & Above, S/ N 368112001 & Above) . . . . .	10-40-2
TRANSPORTING THE VERSAHANDLER . . . . .	10-30-1
Procedure . . . . .	10-30-1

Dealer Copy -- Not for Resale

Thank you so much for reading.  
Please click the “Buy Now!”  
button below to download the  
complete manual.



After you pay.

You can download the most  
perfect and complete manual in  
the world immediately.

Our support email:

[ebooklibonline@outlook.com](mailto:ebooklibonline@outlook.com)