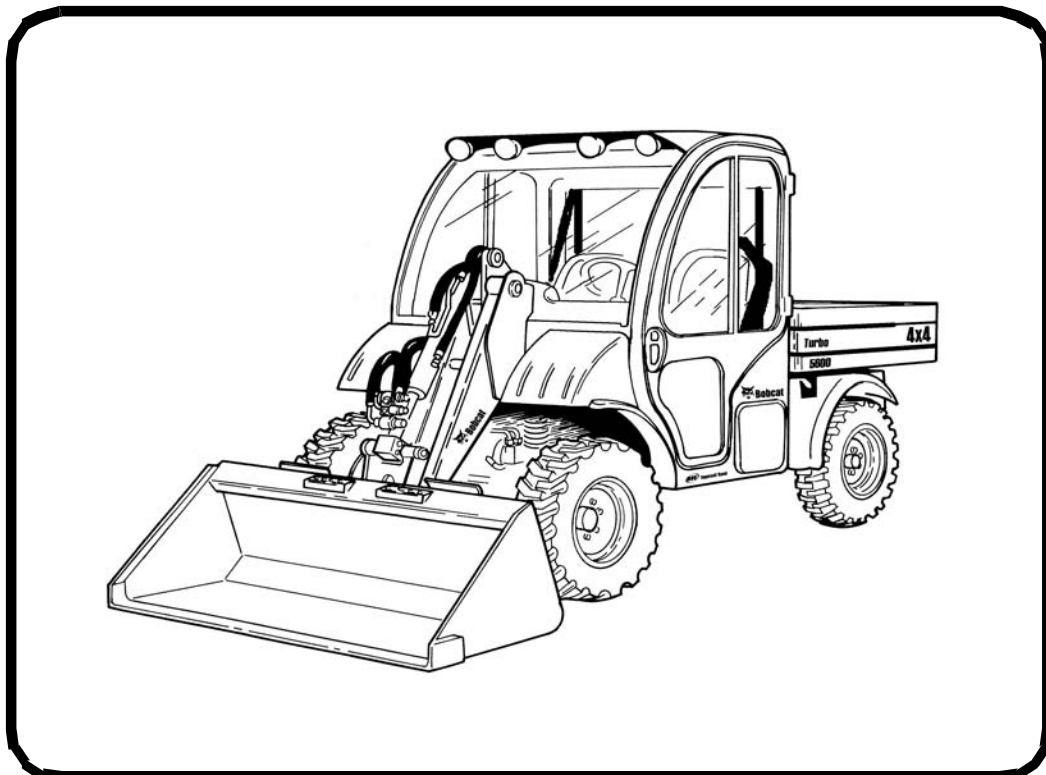




Bobcat®

Operation & Maintenance Manual Toolcat™ 5600 Utility Work Machine

S/N A00211001 & Above
S/N A00311001 & Above



EQUIPPED WITH
TOOLCAT INTERLOCK
CONTROL SYSTEM (TICS)



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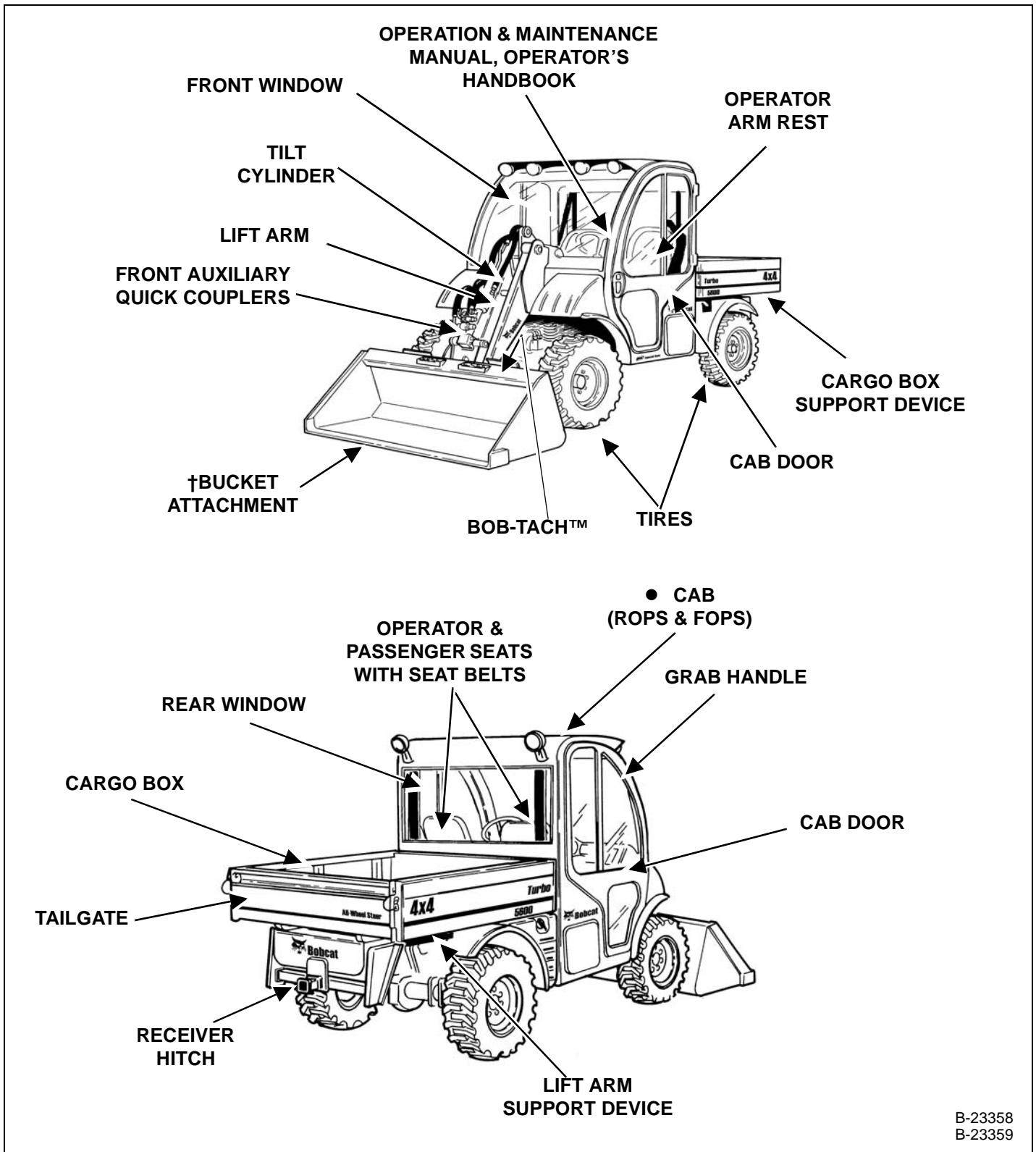
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UTILITY WORK MACHINE IDENTIFICATION



B-23358
B-23359

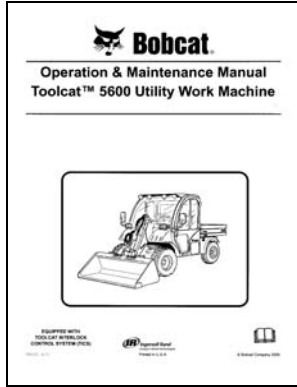
† BUCKET - Buckets and other attachments are available for the Toolcat™ utility work machine.

● ROPS, FOPS - Roll Over Protective Structure, per SAE J1040 and ISO 3471, and Falling Object Protective Structure per ISO 3449, Level I.

PUBLICATIONS AND TRAINING RESOURCES

The following publications are also available for your Bobcat Toolcat Utility Work Machine. You can order them from your Bobcat dealer.

For the latest information on Bobcat products and the Bobcat Company, visit our web site at www.bobcat.com; see also www.bobcatstore.com



OPERATION & MAINTENANCE MANUAL

6904207

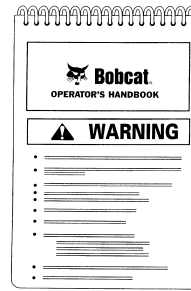
- complete instructions on the correct operation and the routine maintenance of the Toolcat utility work machine.



SERVICE MANUAL

6904209

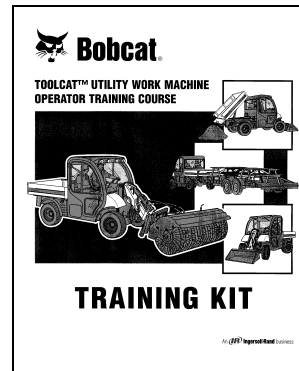
- complete maintenance instructions for your Toolcat utility work machine.



OPERATOR'S HANDBOOK

6901890

- gives basic operation instructions and safety warnings.



TOOLCAT UTILITY WORK MACHINE

OPERATOR TRAINING COURSE

6902643

- Introduces operator to step-by-step basics of the utility work machine operation.



OPERATOR SAFETY VIDEO

6902430

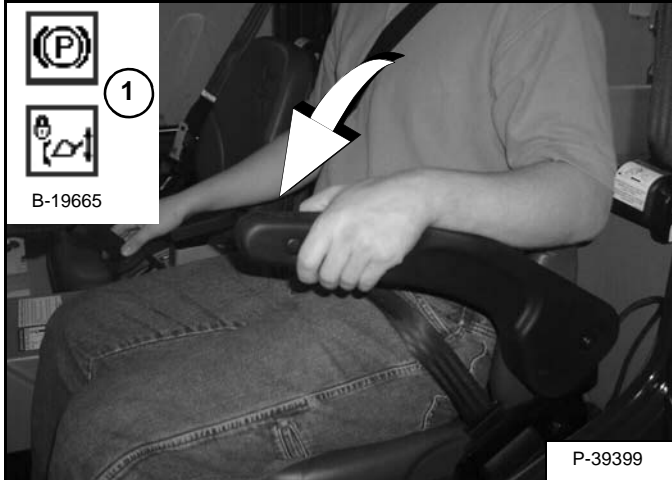
- Provides basic safety instructions.

TOOLCAT INTERLOCK CONTROL SYSTEM (TICS)

TICS And Arm Rest Operation

The Toolcat Interlock Control System (TICS) has a pivoting arm rest located on the left side of the operator's seat.

Figure OI-7



The TICS requires the operator to be seated in the operating position with the arm rest [Figure OI-7] fully lowered before the lift, tilt and traction functions can be operated. The seat belt must be fastened anytime you operate or are a passenger riding in the machine.

There are display lights (Item 1) [Figure OI-7] located on the display control panel that must be OFF to operate the machine. When the operator raises the arm rest, the lift, tilt, auxiliary hydraulics and traction drive functions are deactivated.

WARNING

AVOID INJURY OR DEATH

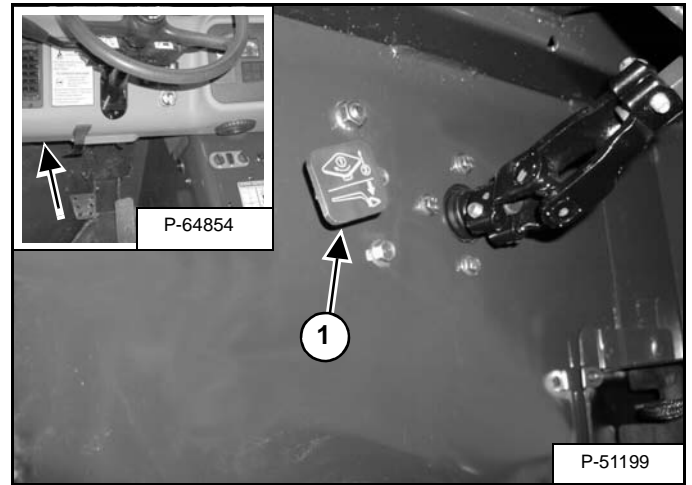
The Toolcat Interlock Control System (TICS) must deactivate the lift, tilt, auxiliary hydraulics and traction drive functions. If it does not, contact your dealer for service. DO NOT MODIFY THE SYSTEM.

W-2452-1102

LIFT ARM BY-PASS CONTROL

Operation

Figure OI-8



The lift arm by-pass is used to lower the lift arm in the event that you cannot lower the lift arm using the joystick.

The by-pass knob is located under the steering wheel (Inset) [Figure OI-8].

Turn the by-pass knob (Item 1) [Figure OI-8] clockwise 1/4 turn, then pull out and hold until the lift arm slowly lowers.

POWER TAKE-OFF (PTO) (If Equipped)

Description

The Toolcat 5600 utility work machine Power Take-Off (PTO) system is a hydraulically driven rear PTO designated as Type I per ASAE S203.15. The PTO system operates only at 540 RPM [@ 2700 RPM engine speed and 22 HP (16,4 kW)]. The attachment or implement driveline should not exceed Category 4 per ASAE S331.5.

NOTE: Some attachments require a minimum engine power for proper operation. The PTO system can be used with attachments requiring up to 46 HP (34,3 kW) or 56 HP (41,8 kW) [on Model 5600 equipped with a Turbo Charged engine]. Type I attachments or implements exceeding the approved towing capacity are not approved for use on the Toolcat 5600. Use of attachments or implements in applications requiring more than 22 HP (16,4 kW) [PTO] may result in less than optimum performance.

The PTO motor is operated using the Rear Auxiliary Hydraulic system (See REAR AUXILIARY HYDRAULICS (If Equipped) on Page OI-17.)

The PTO is not approved for use in stationary applications where the operator is required to leave the machine. The operator must be in the machine any time the PTO is being operated.

Mirrors are available and can be field installed. Mirrors may be beneficial when using rear attached implements and other attachments.

WARNING

AVOID INJURY OR DEATH

Before you leave the operator's seat:

- Lower the lift arm, put the attachment flat on the ground.
- Put Travel Direction Control Lever in PARK.
- Stop the engine.
- Raise operator arm rest.

W-2443-1102

Safety Rules For PTO

WARNING

AVOID INJURY OR DEATH

Warnings and instructions in this manual and on the machine are for your protection.

Failure to follow the warnings and instructions can cause serious injury or death.

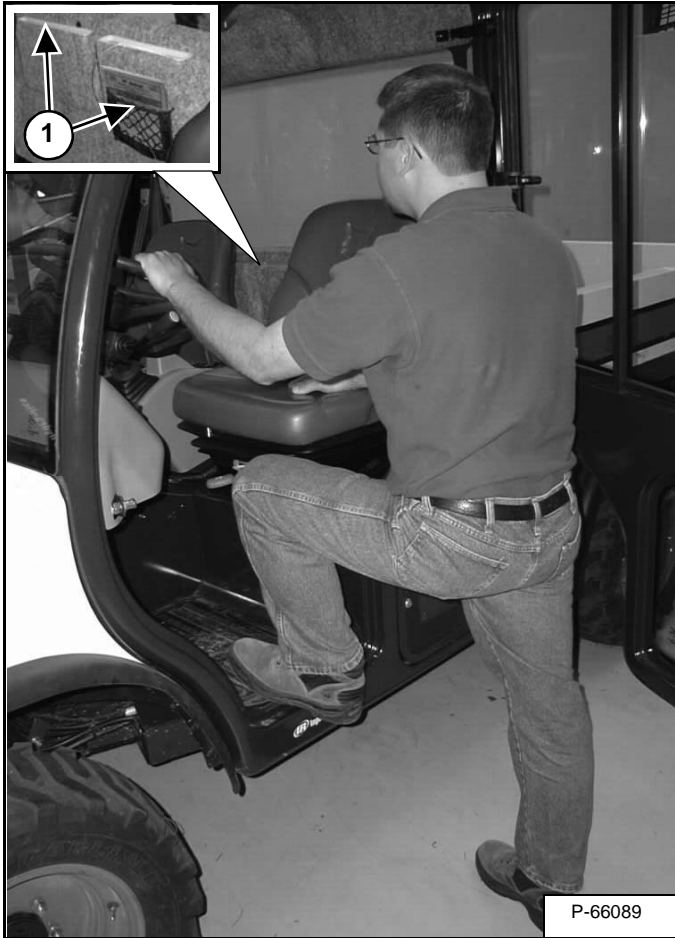
W-2621-1104

- Lower the lift arm, stop the engine and raise the arm rest before leaving the machine.
- Keep all shields in place. Replace damaged or missing shields before operating
- Follow warnings and instructions on machine signs (decals). Replace damaged or missing decals.
- Do not wear loose or bulky clothing around the PTO or other moving parts.
- Keep bystanders away from PTO driven equipment, and never allow children near machines.
- Read and understand the manuals for the PTO driven equipment and be aware of safe operating procedures and hazards that may not be readily apparent.
- Always walk around equipment to avoid coming near a turning PTO driveline. Stepping over, leaning across or crawling under a turning PTO driveline can lead to entanglement.
- Position the machine and attachment hitch correctly to prevent driveline stress and separation.
- Use caution when turning. Turning too sharp can cause driveline damage.
- Periodically check on PTO operators to ensure a quick response in the event of an accident. Injuries that would not ordinarily be fatal can be life threatening if the victim is not found until hours later. PTO accident victims require immediate medical care.

PRE-STARTING PROCEDURE

Entering The Utility Work Machine

Figure OI-50



Enter the cab [Figure OI-50].

Read the Operation & Maintenance Manual and the Operator's Handbook (Item 1) [Figure OI-50] before operating the machine.

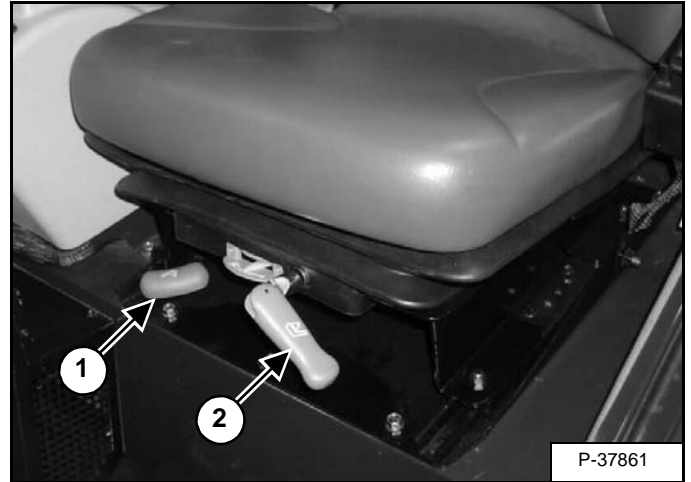
WARNING

Operator must have instructions before operating the machine. Untrained operators can cause injury or death.

W-2001-0502

Seat And Steering Wheel Adjustment

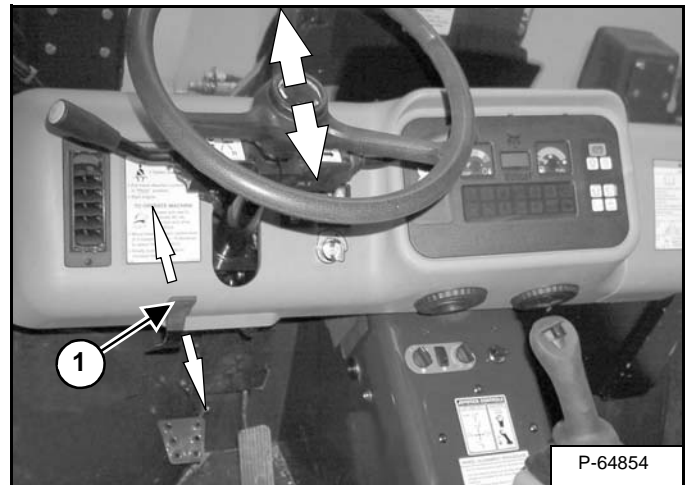
Figure OI-51



Release the lever (Item 1) [Figure OI-51] to adjust the seat distance from the steering wheel.

Turn the lever (Item 2) [Figure OI-51] to adjust the seat cushion for weight of the operator.

Figure OI-52



Release the steering column lock (Item 1) [Figure OI-52] and move steering wheel up or down for comfortable operation. Push lock up to secure.

OPERATING PROCEDURE

Inspect The Work Area

Before beginning operation, inspect the work area for unsafe conditions.

Look for sharp drop-offs or rough terrain. Have underground utility lines (gas, water, sewer, irrigation, etc.) located and marked.

Remove objects or other construction material that could damage the loader or cause personal injury.

Operating With A Full Bucket & Empty Cargo Box

When operating on a public road or highway, always follow local regulation. For example: Slow Moving Vehicle (SMV) Sign or directional signals may be required.

Always warm up the engine and hydrostatic system before operating the loader.

IMPORTANT

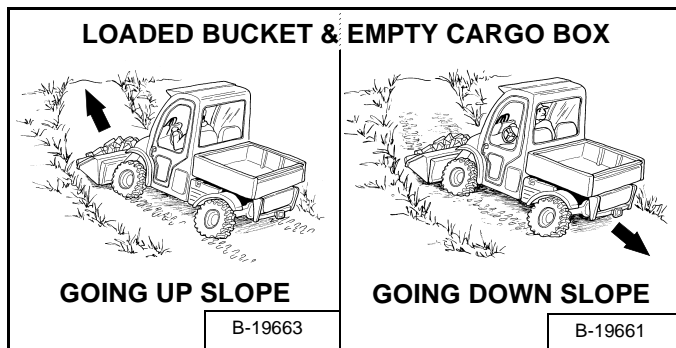
Machines warmed up with moderate engine speed and light load have longer life.

I-2015-0284

Operate with the engine at full speed for maximum horsepower. Push the Drive Control Pedal only a small amount to operate the machine.

New operators must operate the machine in an open area without bystanders. Operate the controls until the machine can be handled at a efficient and safe rate for all conditions of the work area.

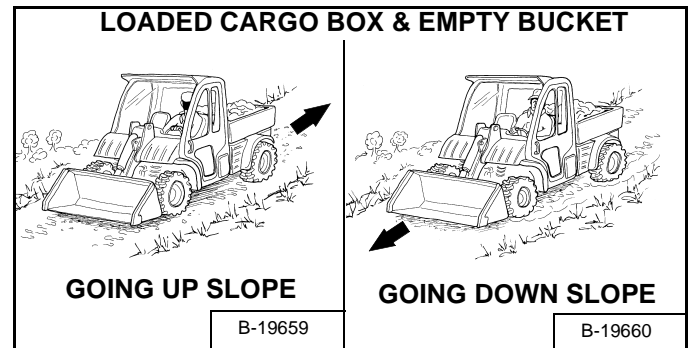
Figure OI-70



With a loaded bucket and empty cargo box, go up or down the slope with the heavy end toward the top of the slope [Figure OI-70].

Operating With An Empty Bucket & Loaded Cargo Box

Figure OI-71



With empty bucket and a loaded cargo box, go down or up the slope with the heavy end toward the top of the slope [Figure OI-71].

! WARNING

AVOID INJURY OR DEATH

- Keep the lift arm as low as possible.
- Do not travel or turn with the lift arm up.
- Turn on level ground. Slow down when turning.
- Go up and down slopes, not across them.
- Keep the heavy end of the machine uphill.
- Do not overload the machine.

Failure to obey warnings can cause the machine to tip or roll over and cause injury or death.

W-2444-1102

Raise the bucket only high enough to avoid obstructions on rough ground.

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MAINTENANCE SAFETY



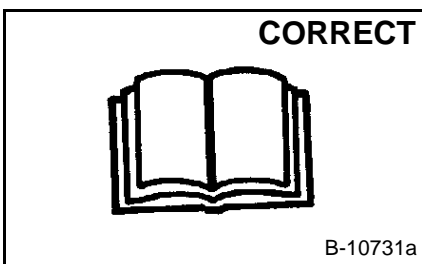
WARNING

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

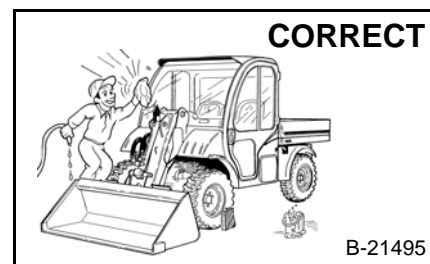


Safety Alert Symbol: This symbol with a warning statement, means: "Warning, be alert! Your safety is involved!" Carefully read the message that follows.



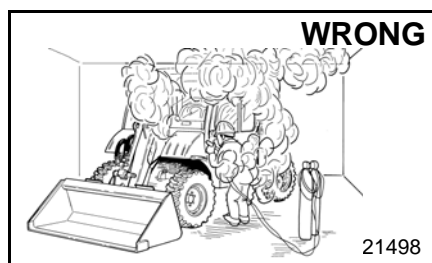
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⚠ Never service the machine without instructions.



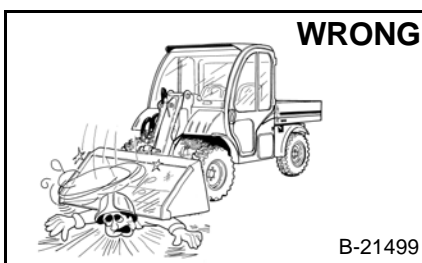
B-21495

⚠ Cleaning and maintenance are required daily.



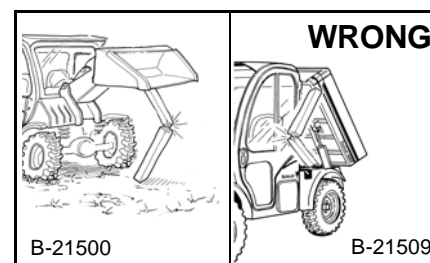
21498

- ⚠ 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.



B-21499

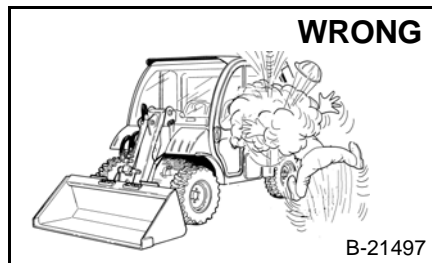
⚠ Disconnecting or loosening any hydraulic tubeline, hose, fitting, component or a part failure can cause lift arm or cargo box to drop. Do not go under lift arm or cargo box when raised unless supported by an approved lift arm or cargo box support device. Replace it if damaged.



B-21500

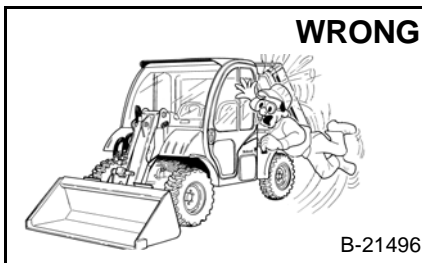
B-21509

- ⚠ Never work on the machine with lift arm or cargo box up unless supported by an approved support device. Replace if damaged.
- ⚠ Never modify equipment or add attachments not approved by Bobcat Company.



B-21497

- ⚠ Stop, cool and clean engine of flammable materials before checking fluids.
- ⚠ Never service or adjust machine with the engine running unless instructed to do so in the manual.
- ⚠ Avoid contact with leaking hydraulic fluid or diesel fuel under pressure. It can penetrate the skin or eyes.
- ⚠ Never fill fuel tank with engine running, while smoking or when near open flame.



B-21496

- ⚠ 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.
- ⚠ Keep side access doors closed except for service.



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.

MSW25-0805

OPERATOR CAB

Description

Figure PM-12



The machine has an operator cab (ROPS and FOPS) [Figure PM-12] as standard equipment to protect the operator from rollover and falling objects. The seat belt must be worn for rollover protection. Check with your dealer if the operator cab has been damaged or modified.

ROPS / FOPS - Roll Over Protective Structure per SAE J1040 and ISO 3471, and Falling Object Protective Structure per ISO 3449, Level I.

Level I

Protection from falling bricks, small concrete blocks, and hand tools encountered in operations such as highway maintenance, landscaping, and other construction site services.

WARNING

Never modify operator cab by welding, grinding, drilling holes or adding attachments unless instructed to do so by Bobcat Company. Changes to the cab can cause loss of operator protection from rollover and falling objects, and result in injury or death.

W-2069-0200

HEATING AND AIR CONDITIONING

Cleaning and Maintenance

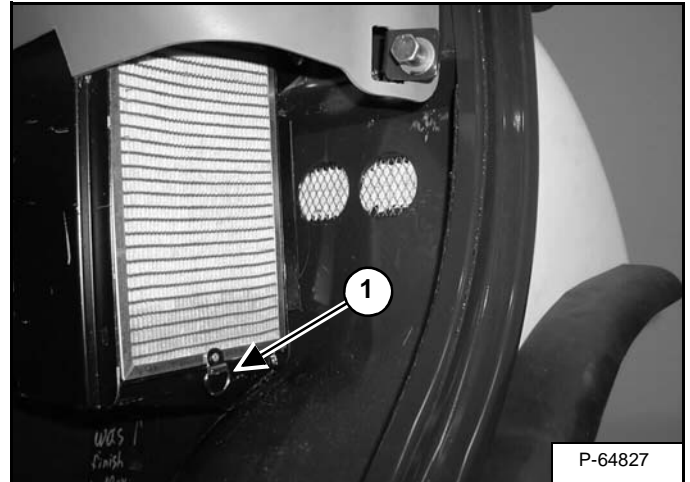
The heating system requires regular inspection and maintenance. See the SERVICE SCHEDULE for intervals. (See SERVICE SCHEDULE on Page PM-7.)

Filters

See CAB AIR FILTERS for filter cleaning and replacement. (See CAB AIR FILTER on Page PM-16.)

Evaporator Coil

Figure PM-13



Remove the filter (Item 1) [Figure PM-13] and use a vacuum to clean the evaporator coils.

If the coils require a more thorough cleaning, the heater / air conditioning unit must be disconnected from the front of the cab. (See your Bobcat dealer.)

Air Conditioning Lubrication

Run the air conditioner for about 5 minutes every week to lubricate the internal components. (In winter too.)

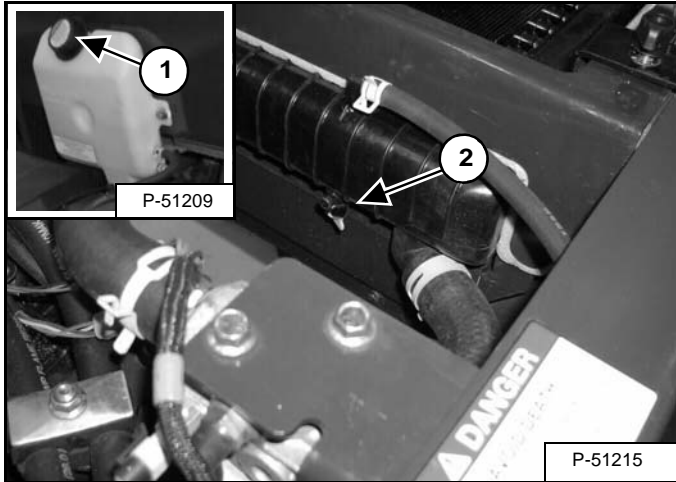
Troubleshooting

If the fan does not run or the air conditioning does not turn on, check the fuse. (See ELECTRICAL SYSTEM on Page PM-26.)

If the air conditioning system circulates warm air, the refrigerant may need to be recharged. (See your Bobcat dealer.)

Removing And Replacing Coolant

Figure PM-32



Raise the cargo box and install the Cargo Box Support Device. Stop the engine.

Remove the cap (Item 1) [Figure PM-32] from the coolant recovery tank.

Open the radiator drain valve (Item 2) [Figure PM-32] and drain the coolant into a container.

Reuse or dispose of the used coolant in an environmentally safe manner.

Close the drain valve.

NOTE: The loader is factory filled with propylene glycol coolant (purple color). DO NOT mix propylene glycol with ethylene glycol.

Add premixed coolant, 47% water and 53% propylene glycol to the recovery tank. (See Checking on Page PM-23.)

One gallon and one pint (4,3 L) of propylene glycol mixed with one gallon (3,8 L) of water is the correct mixture of coolant to provide a -34°F (-37°C) freeze protection.

Add premixed coolant to the coolant recovery tank until it is at the full mark. Install the cap.

Start the engine and let it run until it is at operating temperature.

Stop the engine and check the coolant level. Add premixed coolant to the recovery tank as needed.

Lower the cargo box.

AXLE / DIFFERENTIAL (FRONT AND REAR)

Checking And Adding Lubricant

Stop the machine on a level surface and stop the engine.

Figure PM-47

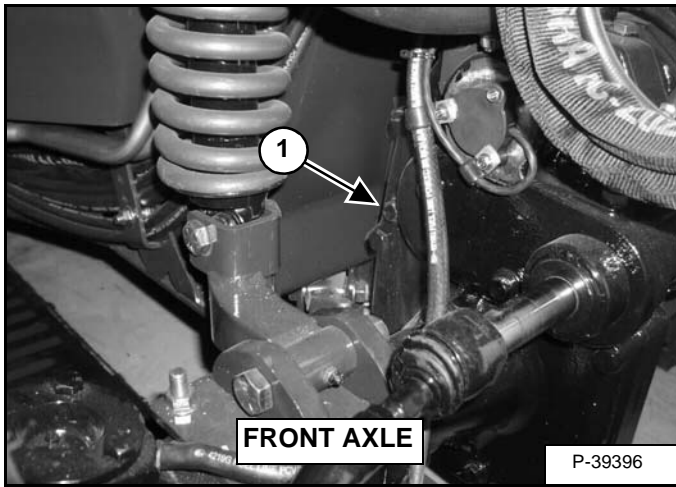
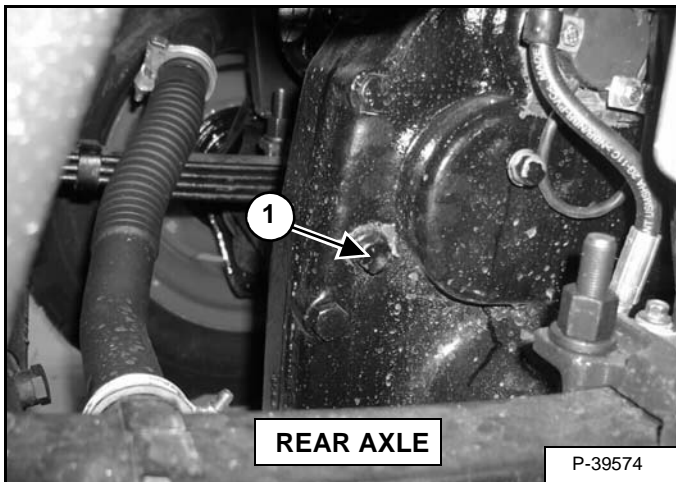


Figure PM-48



Remove the check plug (Item 1) [Figure PM-47] & [Figure PM-48] from the front or rear housing.

If lubricant can be reached with the tip of your finger through the hole, the level is correct.

If the level is low, add lubricant through the check plug hole until lubricant flows from the hole.

NOTE: When adding axle housing lubricant (See Drive System on Page SPEC-6) for correct fluid type.

Install and tighten the plug.

Removing And Replacing Lubricant

Figure PM-49



Remove the drain plug at the bottom of the differential (Item 1) [Figure PM-49].

Drain the lubricant into a container and dispose of it in an environmentally safe manner.

Install and tighten drain plug.

Remove check plug (Item 1) [Figure PM-47] & [Figure PM-48] and fill as shown above.

NOTE: When adding axle housing lubricant (See Drive System on Page SPEC-6) for correct fluid type.

SYSTEM SETUP & ANALYSIS

DIAGNOSTIC SERVICE CODES	SA-3
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Password Lockout Feature	SA-7
RPM	SA-7

**SYSTEM SETUP
& ANALYSIS
(SA)**

WARNING

AVOID INJURY OR DEATH

- Keep engine clean of flammable material.
- Keep body, loose objects and clothing away from electrical contacts, moving parts, hot parts and exhaust.
- Do not use machine in space with explosive dust or gases or with flammable material near exhaust.
- All exhaust gases can kill. Always ventilate.
- Never use ether or starting fluid on diesel engine. Use only starting aids as approved by engine manufacturer.
- Leaking fluids under pressure can enter skin and cause serious injury. Immediate medical attention is required. Wear goggles. Use cardboard to check for leaks.
- Battery acid causes severe burns. Wear goggles. If acid contacts eyes, skin or clothing, flush and get medical attention.
- Battery makes flammable and explosive gas. Keep arcs, sparks, flames and lighted tobacco away.
- For jump start, connect negative cable to the machine frame last (never at the battery). After jump start, remove negative connections at the frame first.

SERVICE CHECKLIST AND SCHEDULE

EVERY 8-10 HRS

- **ENGINE OIL** - Check level and add as needed. Do not overfill.
- **HYDRAULIC FLUID** - Check level and add as needed.
- **FUEL FILTER** - Remove trapped water.
- **ENGINE AIR FILTER** - Check gauge and/or display. Service only when required. Do not use compressed air to clean element.
- **ENGINE AIR SYSTEM** - Check for leaks and damaged components.
- **ENGINE COOLING SYSTEM** - Clean debris from oil cooler and radiator check coolant level cold, add as needed.
- **SEAT BELTS, ARM REST, AND CONTROL INTERLOCKS** - Check function. Repair or replace as needed. Clean dirt and debris from moving parts.
- **TICS*** - Check for function.
- **TIRES** - Check air pressure. Inflate tires to MAXIMUM pressure shown on the tire sidewall.
- **GREASE ZERKS*** - Grease all machinery pivots with multipurpose lithium based grease. See illustrations.
- **GENERAL** - Check for loose or broken parts, damaged operator cab, instrument operation, loose wheel nuts, oil leaks, damaged or missing safety signs. Repair or replace as needed.
- **BOB-TACH** - Lubricate wedge with multipurpose lithium based grease. Check for proper function.

EVERY 50 HRS

- **WHEEL NUTS** - Check for loose wheel nuts and tighten per Operation and Maintenance Manual.
- **HYDRAULIC FLUID, HOSES AND TUBELINES** - Check the fluid level. Check for damage and for leaks. Repair or replace as needed.



EVERY 100 HRS

- **SPARK ARRESTOR MUFFLER** - Empty spark chamber.
- **BATTERY** - Check battery for damage, hold downs, cable connections and electrolyte level. Add distilled water as needed.
- **AXLE FLUID** - Check fluid level.

EVERY 250 HRS

- **FUEL FILTER** - Replace filter element.
- **ALTERNATOR BELT** - Check for proper tension or damage. Adjust or replace as needed.
- **ENGINE OIL AND FILTER** - Replace oil and filter.

EVERY 500 HRS

- **HYDRAULIC/HYDROSTATIC SYSTEM** - Replace the filter and reservoir breather cap.
- **CASE DRAIN FILTER** - Replace filter.

EVERY 1000 HRS

- **HYDRAULIC RESERVOIR** - Replace fluid.
- **ENGINE COOLANT** - Flush the cooling system and replace coolant.
- **AXLE FLUID** - Replace fluid.

TORQUE NUTS EVERY 8 HRS FOR THE FIRST 24 HRS.

• SERVICE AT FIRST 50 HRS, THEN AS SCHEDULED.

• SERVICE AT FIRST 100 HRS, THEN AS SCHEDULED.

• REPLACE AT FIRST 300 HRS, THEN AS SCHEDULED.

• SEE THE OPERATION AND MAINTENANCE MANUAL FOR CORRECT FLUID SPECIFICATION, FILTER PART NUMBERS AND LOCATIONS.



IMPORTANT

THIS MACHINE IS FACTORY EQUIPPED WITH A U.S.D.A. FORESTRY SERVICE APPROVED SPARK ARRESTOR EXHAUST SYSTEM.
THE SPARK ARRESTOR MUFFLER, IF EQUIPPED, MUST BE CLEANED TO KEEP IT IN WORKING CONDITION. THE SPARK ARRESTOR MUFFLER MUST BE SERVICED BY DUMPING THE SPARK CHAMBER EVERY 100 HRS. OF OPERATION.
ON SOME MODELS, THE TURBOCHARGER FUNCTIONS AS THE SPARK ARRESTOR AND MUST OPERATE CORRECTLY FOR PROPER SPARK ARRESTOR FUNCTION.
IF THIS MACHINE IS OPERATED ON FLAMMABLE FOREST, BRUSH, OR GRASS COVERED LAND, IT MUST BE EQUIPPED WITH A SPARK ARRESTOR ATTACHED TO THE EXHAUST SYSTEM AND MAINTAINED IN WORKING ORDER. FAILURE TO DO SO WILL BE IN VIOLATION OF CALIFORNIA STATE LAW SECTION 44610 AND 44611 AND LOCAL LAWS AND REGULATIONS FOR SPARK ARRESTOR REQUIREMENTS.

SEE OPERATION & MAINTENANCE MANUAL FOR MORE INFORMATION AND INSTRUCTIONS.

ADVERTENCIA

EVITE LESIONES O ACCIDENTES FATALES

- Mantenga el motor limpio de material inflamable.
- Mantenga el cuerpo, objetos sueltos y prendas alejados de contactos eléctricos, partes móviles y escape.
- No utilice la máquina en espacios con polvo o gases explosivos, o con material inflamable cerca del escape.
- Todos los gases de escape pueden matar. Ventile siempre.
- Jamás utilice éter o fluido de arranque en motores diesel. Utilice solamente ayudas de arranque que apruebe el fabricante del motor.
- Los fluidos que se fugan a presión pueden penetrar la piel y provocar lesiones graves. Se requiere atención médica de inmediato. Porte lentas de seguridad. Use cartón para revisar la presencia de fugas.
- El ácido de la batería causa quemaduras graves. Porte lentas de seguridad. Si el ácido hace contacto con ojos, piel o prendas, purgue y busque atención médica.
- La batería produce gas inflamable y explosivo. Mantenga arcos, chispas, llamas y tabaco encendido alejados.
- Para arranques en puente, conecte el cable negativo en el bastidor de la máquina de último (jamás en la batería). Después del arranque en puente, retire las conexiones negativas en el bastidor primero.

LISTA DE CHEQUEO Y PROGRAMA DE MANTENIMIENTO

CADA 8-10 HORAS

- **ACEITE DE MOTOR** - revise el nivel y agrague si es del caso. No llene demasiado.
- **FLUIDO HIDRAULICO** - revise el nivel y agrague si es del caso.
- **FILTRO DE COMBUSTIBLE** - retire el agua atrapada.
- **FILTRO DE AIRE DE MOTOR** - revise el medidor y/o pantalla. Dé servicio solamente cuando se requiere. No use aire comprimido para limpiar el elemento.
- **SISTEMA DE AIRE DE MOTOR** - revise la presencia de fugas y componentes averiados.
- **SISTEMA DE ENFRIAMIENTO DE MOTOR** - limpie escombros del enfriador de aceite y radiador. Revise el nivel de enfriador frío y agrague si es del caso.
- **CINTURONES DE SEGURIDAD, APOYABRAZOS Y ENCLAVAMIENTOS DE CONTROL** - revise el funcionamiento. Repare o reemplace si es del caso. Limpie arena y escombros de partes móviles.
- **TICS*** - revise el funcionamiento.
- **NEUMATICOS** - revise la presión de aire. Infe los neumáticos hasta la presión MÁXIMA que aparece en la pared lateral.
- **RECEPTORES DE GRASA** - engrase todos los pivotes de la maquinaria con grasa multipropósito a base de litio. Ver ilustraciones.
- **GENERAL** - revise la presencia de partes sueltas o rotas, cabina del operador averiada, funcionamiento de instrumentos, tuercas de ruedas fijas, fugas de aceite, y calcomanías de seguridad averiadas o perdidas. Repare o reponga si es del caso.
- **BOB-TACH** - lubrique la cuña con grasa multipropósito a base de litio. Revise que funcione correctamente.

CADA 50 HORAS

- **TUERCAS DE RUEDAS** - revise si hay tuercas de ruedas flojas y apriete según lo indicado en el Manual de Operación y Mantenimiento.
- **FLUIDO HIDRAULICO, MANGUERAS Y TUBERIAS** - revise el nivel de fluido. Revise la presencia de averías o fugas. Repare o cambie si es del caso.



CADA 100 HORAS

- **SILENCIADOR DEL SISTEMA PARACHISPAS** - vacie la cámara de chispas.
- **BATERIA** - revise averías en la batería, amarras, conexiones de cables y nivel electrolítico. Agrague agua destilada si es del caso.
- **FLUIDO DE EJE** - revise el nivel de fluido.

CADA 250 HORAS

- **FILTRO DE COMBUSTIBLE** - cambie el elemento del filtro.
- **CORREA DEL ALTERNADOR** - revise la tensión correcta o si está averiada. Ajuste o reemplace si es del caso.
- **ACEITE Y FILTRO DE MOTOR** - cambie el aceite y filtro.

CADA 500 HORAS

- **SISTEMA HIDRAULICO/HIDROSTATICO** - cambie el filtro y la tapa del respirador del depósito.
- **FILTRO DE CAJA DE DESCARGA** - cambie el filtro.

CADA 1000 HORAS

- **DEPOSITO HIDRAULICO** - cambie el fluido.
- **ENFRIADOR DE MOTOR** - purgue el sistema de enfriamiento y cambie el enfriador.
- **FLUIDO DE EJE** - cambie el fluido.
- **APRIETE LAS TUERCAS CADA 8 HORAS LAS PRIMERAS 24 HORAS.**
- **DE SERVICIO A LAS PRIMERAS 50 HORAS, LUEGO SEGUN LO PROGRAMADO.**
- **DE SERVICIO A LAS PRIMERAS 100 HORAS, LUEGO SEGUN LO PROGRAMADO.**
- **REEMPLACE A LAS PRIMERAS 300 HORAS, LUEGO SEGUN LO PROGRAMADO.**
- **VER EN EL MANUAL DE OPERACION Y MANTENIMIENTO LA ESPECIFICACION CORRECTA DEL FLUIDO, EL NUMERO DE PARTE Y UBICACIONES DE FILTROS.**



IMPORTANTE

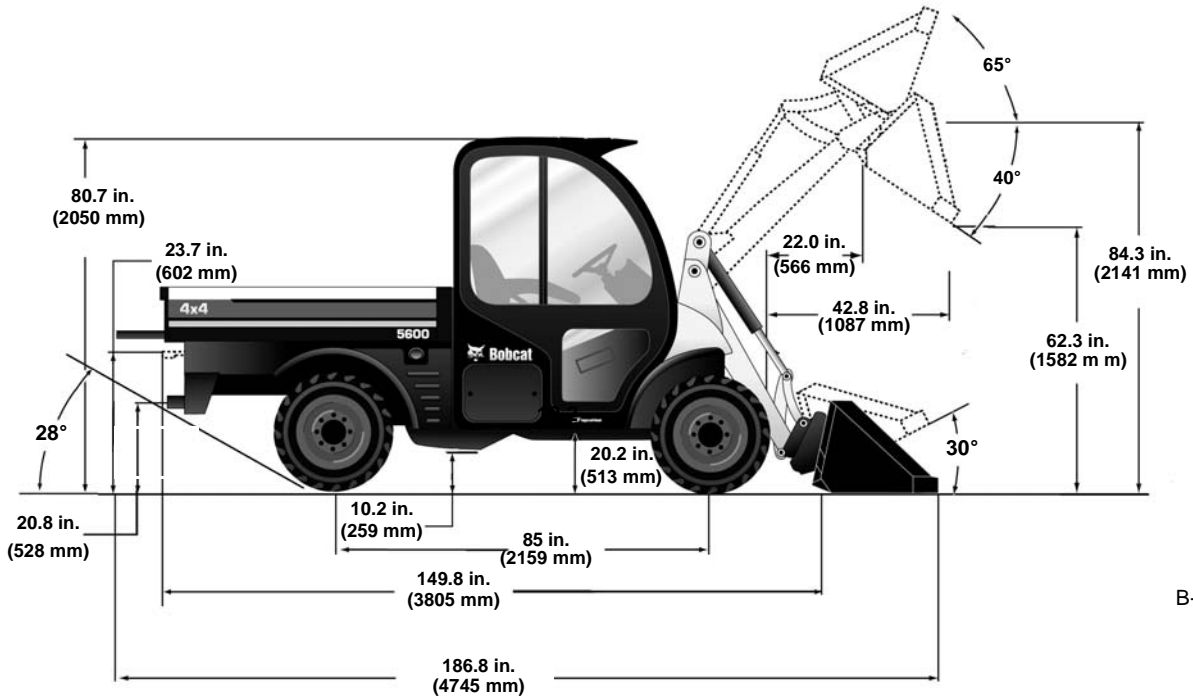
ESTA MAQUINA VIENE DE FABRICA CON UN SILENCIADOR DEL SISTEMA PARACHISPAS APROBADO POR EL SERVICIO DE SILVICULTURA DE U.S.D.A. EL SILENCIADOR DEL SISTEMA PARACHISPAS DE ESTE EQUIPO, DEBE LIMPIARSE PARA MANTENERSE EN CONDICIONES DE TRABAJO. DICHO SILENCIADOR DEBE SERVICIARSE LIMPIANDO LA CAMARA DE CHISPAS CADA 100 HORAS DE OPERACION. EN ALGUNOS MODELOS, EL TURBOCARGADOR FUNCIONA COMO EL PARACHISPAS Y DEBE FUNCIONAR CORRECTAMENTE PARA QUE EL PARACHISPAS FUNCIONE BIEN. * EN ESTA MAQUINA SE UTILIZAN BOMBAS O MATERIALS INFLAMABLES EN UN BIEN CUBIERTO DE GRASA. DEBE VERSE CON UN PARACHISPAS COLOCADO EN EL SISTEMA DE ESCAPE Y MANTENERSE EN CONFORMIDAD CON LA LEY FEDERAL DE CALIFORNIA REFERENTE A LA SECCION 44610 Y 44611 DEL CODIGO DE LEYES ESTATALES DE CALIFORNIA. REFERIRSE A LAS LEYES Y REGLAMENTOS LOCALES PARA LOS REQUERIMIENTOS DE PARACHISPAS.

VER EL MANUAL DE OPERACION Y MANTENIMIENTO PARA MAYOR INFORMACION E INSTRUCCIONES.

TOOLCAT 5600 UTILITY WORK MACHINE SPECIFICATIONS

Dimensions

- Dimensions are given for machine equipped with standard tires and bucket and may vary with other bucket types. All dimensions are shown in inches. Respective metric dimensions are given in millimeters enclosed by parentheses.
- Where applicable, specification conform to SAE, ANSI or ISO standards and are subject to change without notice.



B-25303

Ground Clearance

Differentials 8.2 in. (1582 mm)

Box Inside Dimensions

(LxWxH) 61 x 52 x 10 in.

(LxWxH) (1549 x 1321 x 254 mm)

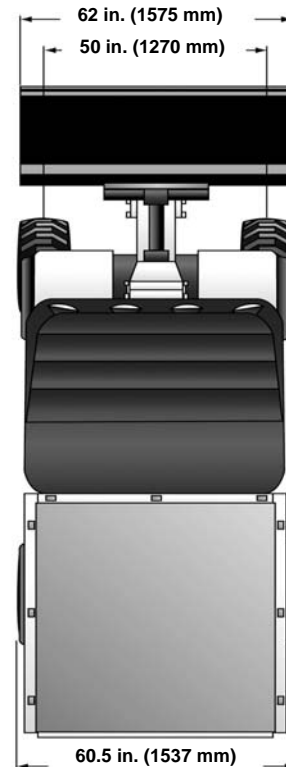
Flat Bed Dimensions

(LxW) 61 x 57 in.

(LxW) (1549 x 1448 mm)

Turning Diameter

in AWS mode 204 in. (5181 mm)



P-43969

Changes of structure or weight distribution of the loader can cause changes in control and steering response and can cause failure of the loader parts.

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