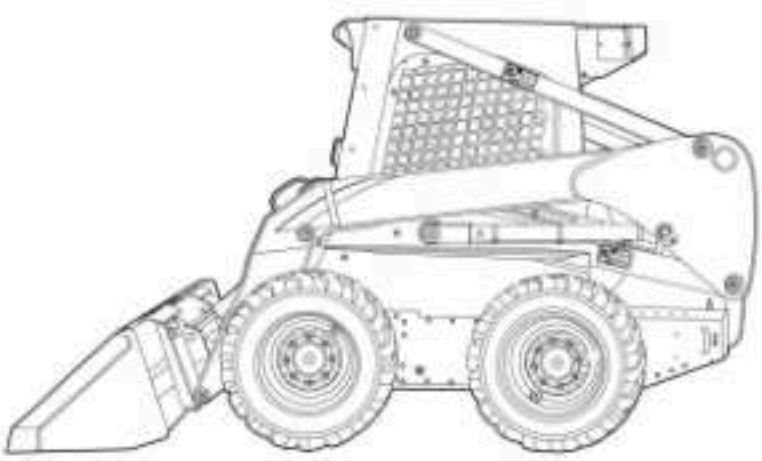
OPERATOR'S MANUAL

L180
L185
L190
SKID STEER

C185
C190
COMPACT TRACK



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NEW HOLLAND CONSTRUCTION

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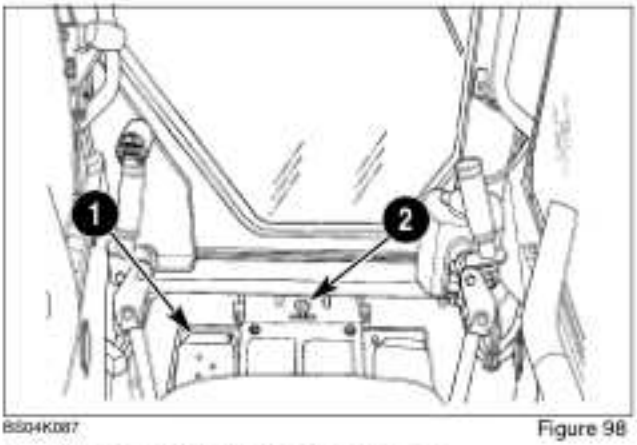
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AUXILIARY LIFT ARM HYDRAULIC CONTROL WITH LIFT ARM AND BUCKET HAND CONTROLS

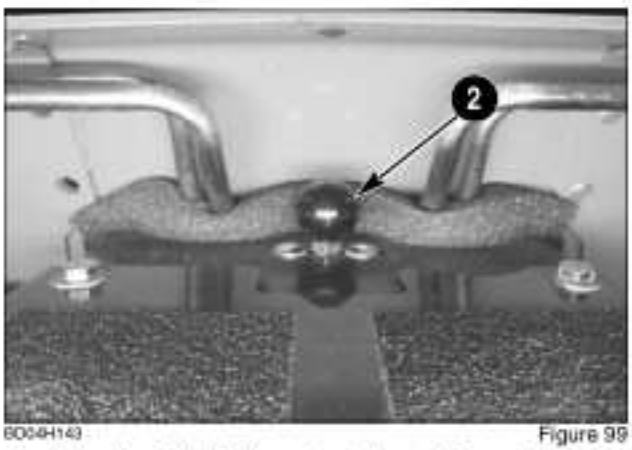


BS04K087 Figure 98

1. AUXILIARY HYDRAULIC FOOT CONTROL
2. AUXILIARY HYDRAULIC FOOT CONTROL LOCK OUT HANDLE LOCATION (SHOWN BELOW)

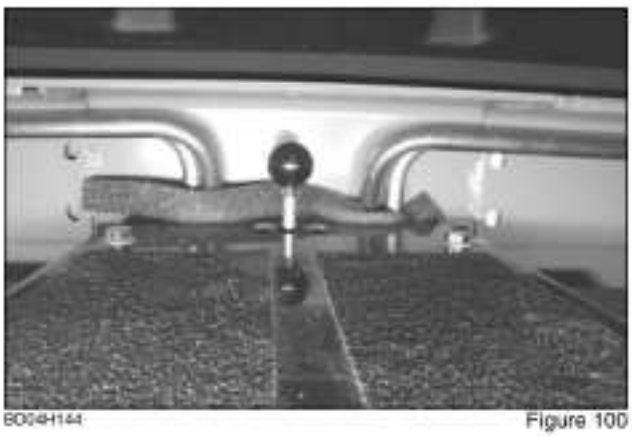
The auxiliary lift arm hydraulic control for a machine equipped with hand lift arm and bucket controls is located on the left foot control pedal. The auxiliary hydraulic foot control (1) can be locked out when not in use.

NOTE: *The machine will not start unless the control is in neutral.*



BD04H143 Figure 99

Push the handle (2) down to lock out the pedal.



BD04H144 Figure 100

Raise the handle up to the unlocked detent position to allow foot movement. Pushing the toe of the foot pedal supplies oil to the male quick coupler. Pushing the heel of the foot pedal supplies oil to the female quick coupler.

The control valve will center automatically when the operator releases the foot pedal. Pushing the toe of the foot pedal all the way will put the control valve spool into the detent position to give continuous oil flow to an attachment.

The pedal will stay in detent position until the operator puts pressure at the heel of the pedal, then the pedal will return to the neutral position.

When the auxiliary hydraulics are not being used and no attachment is connected to the quick couplers, lock the controls in the locked neutral position.

IMPORTANT: *If the hand or foot auxiliary hydraulic control is not in the neutral position and no attachment is connected to the quick couplers, the control valve spool may be partially engaged and cause overheating of the hydraulic system.*

IMPORTANT: *The High Flow Switch must be turned to the OFF position when not in use or required. Overheating of the hydraulic fluid or poor attachment operation may occur.*

WARNING: ALWAYS be careful to **not** actuate a hydraulic control while entering or exiting the cab of this machine.

Figure 101

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EVERY 500 HOURS

HYDRAULIC OIL FILTER REPLACEMENT

The Hydraulic Oil Filter should be replaced every 500 hours or if the warning lamp illuminates.

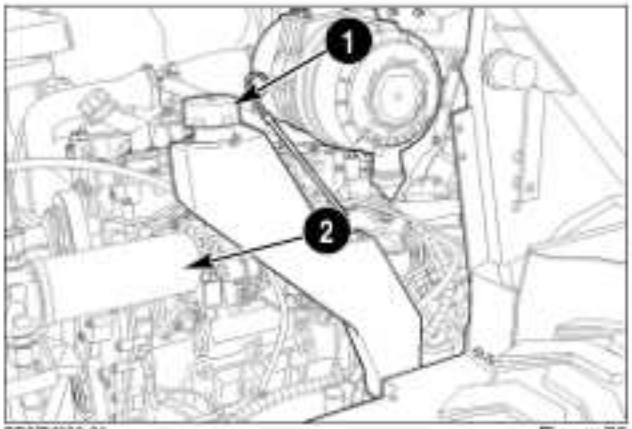
IMPORTANT: *Replace the hydraulic oil filter after 20 hours of use if a major hydraulic component has been replaced.*

Specification . . . .API CI-4 SAE 10W-30 Engine Oil

WARNING: *BURN HAZARD: Do not service the hydraulic system until the temperature of the oil is below 49° C (120° F).*

M477 Figure 74

1. Place the machine on firm, level ground.
2. Remove any attachments and place the loader arms in the up position, **ON** the lock pins.



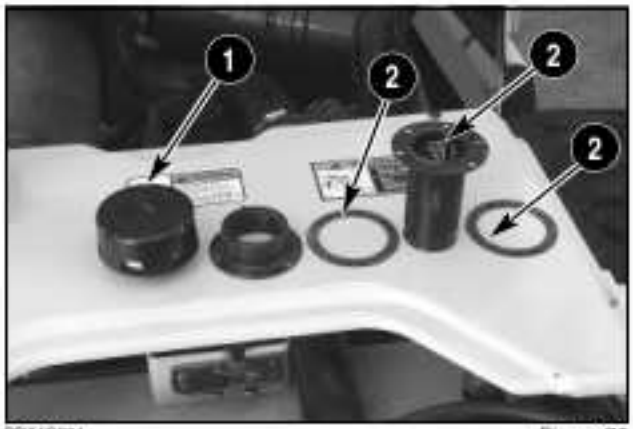
BD07M052-01 Figure 75

1. FILLER CAP
2. HYDRAULIC OIL FILTER

3. Clean the area around the filler cap and hydraulic filter with cleaning solvent.
4. To remove the filter, turn counterclockwise. Dispose of the filter properly.
5. Apply a thin layer of clean grease or oil on the O-ring of the new filter.
6. Install the filter. Hand tighten the filter 1/2 turn after the filter O-ring touches the filter head.

Do not use a strap wrench to tighten filters. Hand tighten only.

HYDRAULIC RESERVOIR BREATHER AND SCREEN



BD04G034 Figure 76

1. RESERVOIR FILL CAP BREATHER
2. RESERVOIR FILL SCREEN AND GASKETS

The reservoir fill cap breather may be cleaned, as necessary. Use air to clear dust and dirt from the breather. Replace if necessary.

Remove the six screws and lift out the screen assembly. The screen should be replaced, as necessary when contaminated.

The screen assembly and gaskets will be provided in one kit.

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MAINTENANCE AND ADJUSTMENTS

ROLL-OVER PROTECTIVE STRUCTURE

Your machine has a Roll-Over Protective Structure (ROPS). A ROPS label shows the certification of the ROPS, gross weight, approval, regulation, and model numbers of the machine. The label is behind the operator seat.

Before you operate this machine, always make sure that the ROPS and operators seat belt is correctly installed.

DO NOT attach any device to the Protective Structure for pulling purposes. DO NOT drill holes to the Protective Structure.

MAINTENANCE AND INSPECTION OF ROPS

1. Check the torque of the ROPS mounting bolts. If necessary, tighten the bolts to the correct torque. See ROPS Torque Specifications in this manual.
2. Check the operators seat and the mounting parts for the seat belt. Tighten the bolts to the correct torque. See "Operators Seat" in this manual. Replace the parts that have wear or damage.
3. Check for cracks, rust, or holes in the ROPS and ROPS parts. Age, weather, and accidents can cause damage to the ROPS and ROPS parts. If you have any doubt about the ROPS system, see your Dealer.

SEAT BELT

The seat belt is an important part of your ROPS. You must wear the seat belt at all times when you operate the machine.

Before you operate this machine, always make sure that the ROPS and operator's seat belts are correctly installed.

WARNING: *You are protected by the ROPS (Roll-Over Protective Structure) system on this machine. The seat belt is an important part of that ROPS system. Before you operate this machine, always fasten the seat belt. If the machine rolls over and you DO NOT have the seat belt fastened, you can be crushed by the ROPS or the machine.*

SA080

DAMAGE TO THE ROPS

If the machine has rolled over or the ROPS has been in some other type of accident (such as hitting an overhead object during transport), you **MUST REPLACE** the damaged ROPS components to get as much protection as intended by the manufacturer.

After a fire, tip, or roll over, check the following for damage.

A. ROPS canopy.

B. Lower ROPS frame.

C. Operator' s seat.

D. Seat belt mounting and seat belt.

Before you operate the machine, replace all ROPS components that are damaged.

See the parts catalog or your dealer for components that can be replaced.

DO NOT TRY TO WELD OR STRAIGHTEN THE ROPS.

WARNING: *Do not modify ROPS in any manner. Unauthorized modifications such as welding, drilling, cutting or adding attachments can weaken the structure and reduce your protection. Replace ROPS if subjected to roll-over or damage. Do not attempt to repair.*

SB026

WARNING: *Adding additional weight (attachments, etc). to the machine can cause injury or death. Do not exceed the gross weight printed on the ROPS label.*

SA028

WARNING: *Improper ROPS inspection or maintenance can cause injury or death. Do the recommended ROPS inspection shown in this manual. If you must replace the ROPS, ROPS parts, or ROPS mounting hardware, use only the replacement parts shown in the parts catalog for this machine.*

SA029

WARNING: *Before you start the engine, always sit in the operators seat, fasten the seat belt, apply the parking brake, and make sure the transmission direction control is in NEUTRAL. Give a warning to all persons around you that you are starting the engine.*

SB037

Torque Specifications

ROPS Mounting Bolts

Front Bolts . . . . . 216 Nm (160 lb-ft)

Rear Bolts. . . . . 108 Nm (80 lb-ft)

See page 5-25 of the Lubrication Chapter.

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