NEW HOLLAND CONSTRUCTION

LS190

Serial Number LMU005000 and Above

OPERATOR'S MANUAL



NEW HOLLAND

87012128 2/03

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HAND CONTROL - BOOM AND BUCKET (Optional)

1 BOOM RAISE AND LOWER CONTROL

The left-hand control lever controls the boom at 1, located on the top of the left hydrostatic directional control lever. The boom will raise by pivoting the handle "UP" to the outside of the cab. Pivoting the handle "DOWN" to the inside of the cab the boom will lower.

The boom spool is equipped with a detented "FLOAT" circuit if the operator wants the boom to float over changing ground contour. To put the valve in "FLOAT" position, pivot the handle "DOWN" until a slight "jump" is felt. In this position, the handle is locked in float and does not return to the neutral position unassisted. To release the "FLOAT" position apply light pressure to the handle to pivot it "UP".

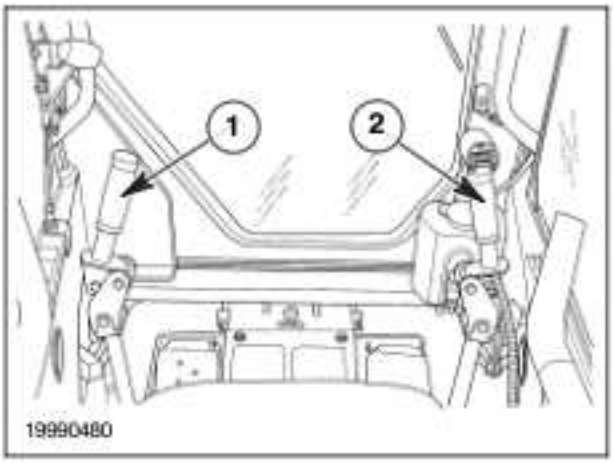


Figure 2-18

2 BUCKET DUMP AND CURL CONTROL

The right hand control lever controls the bucket at 2, located on the top of the right hydrostatic directional control lever. The bucket will dump by pivoting the handle "DOWN" to the inside of the cab. Pivoting the handle "UP" to the outside of the cab, the bucket will roll back (curl).

CAUTION: TO AVOID POTENTIAL SERIOUS INJURY BY CONTACT WITH THE MOVING BOOM OR BUCKET, DO NOT REWIRE TO BYPASS THE SEAT SWITCH OR SEAT BELT SWITCH.

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GREASE POINTS

Use New Holland Super Premium lithium base grease part #9613310 or equivalent. This grease is a high viscosity lithium base, to withstand higher temperatures common to an industrial loader and is more resistant to washing out from rain and moisture exposure.

BOOM PIVOTS (18)

Lubricate the boom pins, mounting plate pins, and cylinder pins every 50 hours.

Replace the boom pivot pins or bushings if they are damaged or worn excessively.

Refer to the appropriate service manual for pin and bushing replacement.

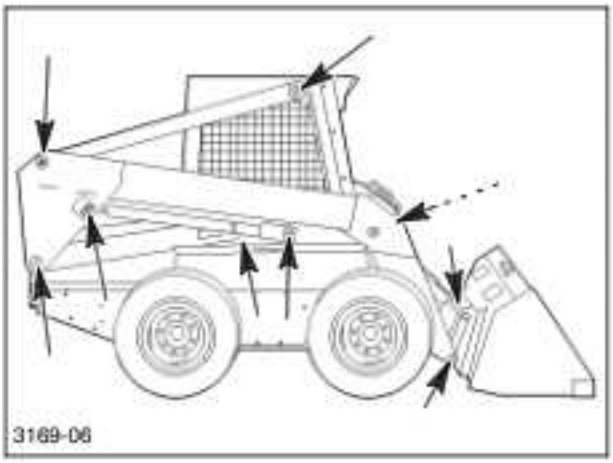


Figure 3-8

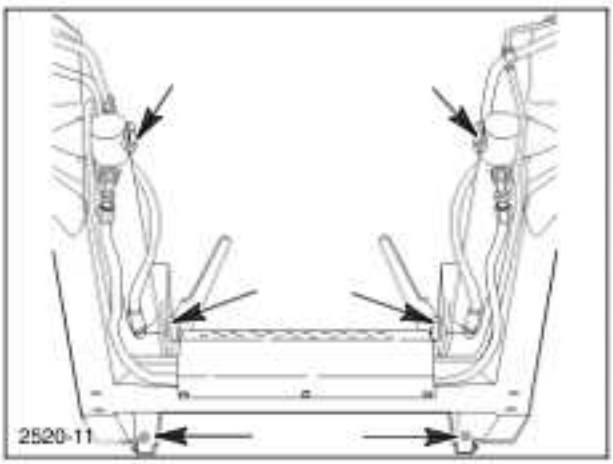


Figure 3-9

AXLES (4)

A grease fitting, 1, is provided in each axle to lubricate the axle bearings every 1000 hours or if a wheel is removed for any reason (replace tires, fix flat, etc.). Lubricate the axles every 500 hours when operating with tracks or when operating in liquid or semi-liquid conditions where the skid steer axles are submerged.

Units with the optional heavy duty axle seal will not have axle housing grease fittings. With the addition of the heavy duty seal, grease is no longer needed to purge dirt from the inside of the axle.

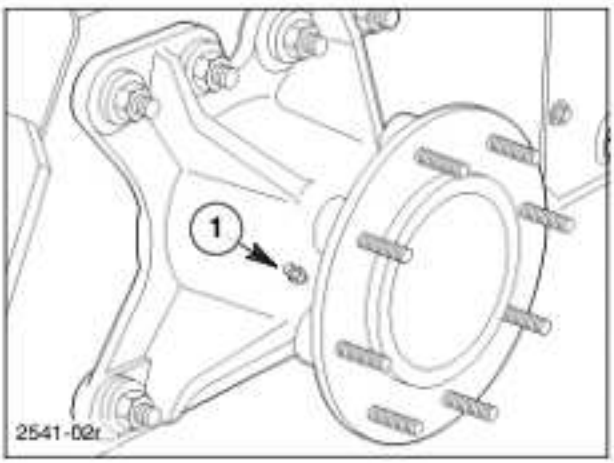


Figure 3-10

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REAR COUNTER WEIGHTS (Factory or Dealer Installed)

The rear counter weights, three 60# weights per side, can be installed when heavy attachments are attached to the front of the skid steer or in applications where more rear weight is required for stability.

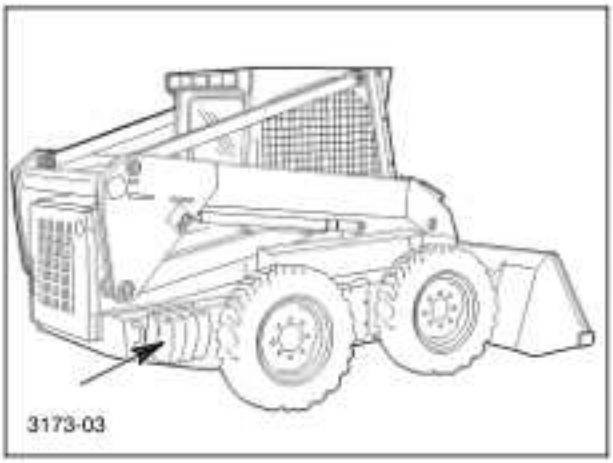


Figure 6-27

REAR VIEW MIRROR

The rear view mirrors can be installed to provide more rear view ability. One or two mirrors can be installed.

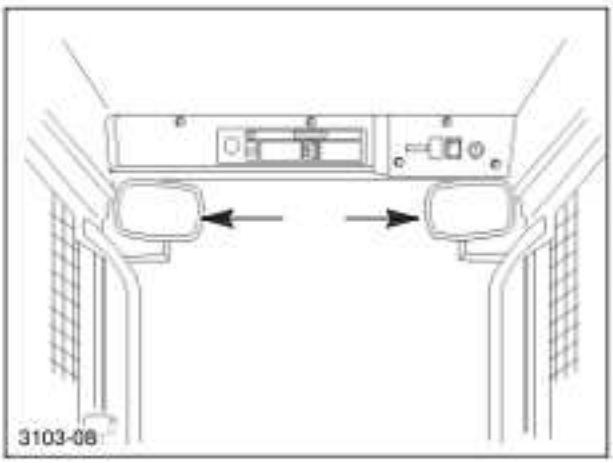


Figure 6-28

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