NEW HOLLAND CONSTRUCTION

LS140
LS150

OPERATOR'S MANUAL



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NEW HOLLAND

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FIELD OPERATION

DANGER: FASTEN YOUR SEAT BELT BEFORE STARTING THE ENGINE!

CAUTION: THE MANUFACTURER OPERATING LOAD CAPACITY IS:

LS140 - 1250 LBS. (570 kg)
LS150 - 1350 LBS. (600 kg)

DO NOT OVERLOAD.



JOB LAYOUT

For an efficient operation, arrange the job to minimize the time required to perform the work cycle. In spotting the dump site, consider wind direction and ground slope. Whenever possible, position the dump site so that the wind will carry dust away from the operator. Before the work cycle begins, take a few minutes to level off the work area if it is not smooth. Minimize transport distances for a fast work cycle.

CAUTION: DRIVE SLOWLY OVER ROUGH GROUND AND ON SLOPES. KEEP ALERT FOR HOLES, DITCHES, AND OTHER IRREGULARITIES THAT MAY CAUSE THE SKID STEER TO OVERTURN.

AVOID STEEP HILLSIDE OPERATION WHICH COULD CAUSE THE SKID STEER TO OVERTURN.

DO NOT WORK UNDER OVERHANGS, ELECTRIC WIRES, OR WHERE THERE IS DANGER OF A SLIDE.

WEAR AN APPROVED SAFETY HAT WHEN OPERATING THE SKID STEER AND WHILE IN ANY WORK AREA.

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SECTION 4

MAINTENANCE

PERIODIC SERVICE

CAUTION: OBSERVE ALL SAFETY PRECAUTIONS NOTED IN THIS MANUAL. DURING MAINTENANCE AND LUBRICATION PROCEDURES, IT MAY BE NECESSARY TO START THE SKID STEER AND RAISE OR LOWER THE BOOM.

USE THE SAFETY BOOM LOCK PINS.

BEFORE SERVICING THE SKID STEER OR ANY OF ITS ATTACHED EQUIPMENT, BE SURE THAT THE ATTACHMENTS ARE LOWERED TO THE GROUND OR THE BOOM ARMS ARE SUPPORTED BY THE BOOM LOCK PINS, 1.

WEAR THE SEAT BELT!

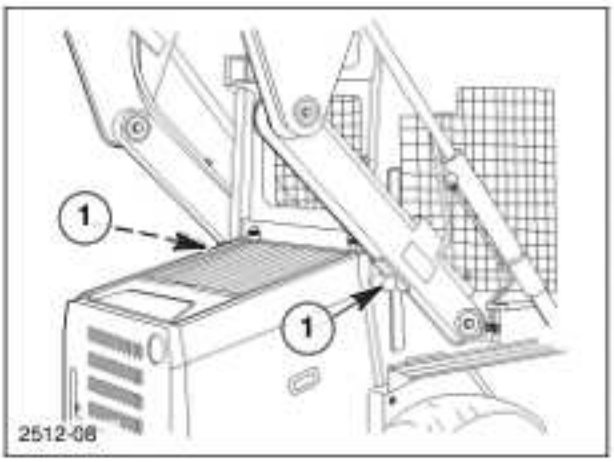


Figure 4-1

PROPERLY SUPPORT A RAISED MACHINE

If servicing lubrication or maintenance requires the machine to be raised, securely support the machine with adequate jack stands or blocks as shown.

Support the machine at 1 to the front of the final drive cases and to the rear at 2, making sure the supports are on the flat area of the final drive cases.

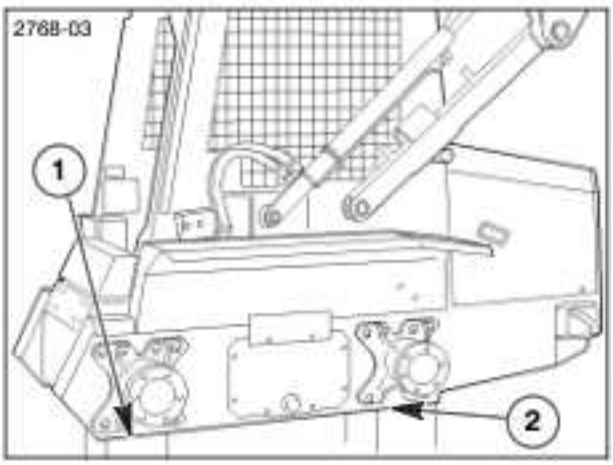


Figure 4-2

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CONTROL LEVER STOP ADJUSTMENT

If the control lever location has been changed for any reason, the control lever stops will require adjustment. The control lever stops must be adjusted properly to prevent damage to the linkage and internal transmission components. The lever stops are the lower control lever boot assembly, 1.

To adjust the stops, follow these steps:

1. Loosen the four cap screws, 2, each lever stop.
2. Pull the control lever forward until the internal transmission stop is felt and hold the linkage against the internal stop.
3. Slide the boot stop assembly, 1, to the rear to contact the control lever and then push the stop and lever another 1/16". This will insure that when the control levers are fully stroked the lever will contact the external stop and not the internal transmission stop.
4. Check wheel speed using a hand tach from side to side and slow down the faster side by moving the boot stop and lever to the rear on the fast side.

CAUTION: THE SKID STEER MUST BE RAISED AND SUPPORTED WITH THE TIRES OFF THE GROUND. USE ADEQUATE BLOCKING OR JACK STANDS TO SECURELY SUPPORT THE SKID STEER.

5. Check and tighten all control lever linkage hardware.

   IMPORTANT: If the external control lever stops are not adjusted properly, the control linkage and transmission may be damaged.

6. Return the "SERVICE/RUN" switch to the "RUN" position.

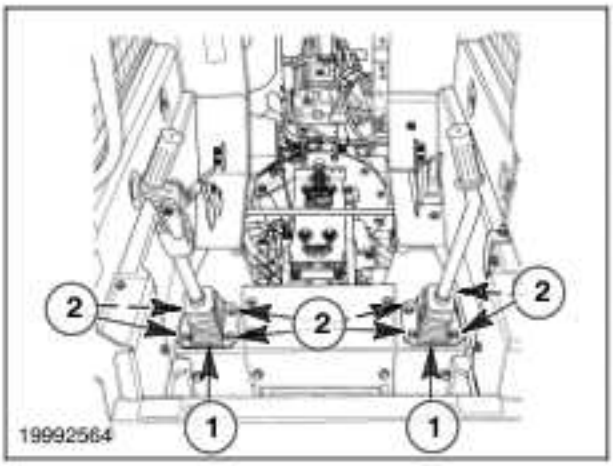


Figure 4-40

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