OPERATOR'S MANUAL

SKID STEER

LS120
LS125

NEW HOLLAND
CONSTRUCTION

87364235 NA

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Chapter 2

SAFETY, AND SAFETY DECALS

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Chapter 3

INSTRUMENTS AND CONTROLS

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STEERING AND TRAVEL CONTROL



BD04J073

Figure 29

120 OPERATOR COMPARTMENT

1. LEFT HAND CONTROL LEVER
2. RIGHT HAND CONTROL LEVER

LEFT SIDE STEERING:

By moving the left hand control lever forward, from neutral, the left side tires will move forward. When the left hand control lever is moved rearward, from neutral, the left side tires will move in reverse.

RIGHT SIDE STEERING:

By moving the right hand control lever forward, the right side tires will move forward. When the right hand control lever is moved rearward, the right side tires will move in reverse.

Push both of the controls forward, from neutral, to move the machine forward. Pull both of the controls rearward, from neutral, to move the machine in reverse. Move the controls forward a short distance for maximum power and slow speed. Move the controls completely forward for maximum speed.

Move both the control levers to NEUTRAL to stop movement of the machine.

WARNING: *Keep hands and feet on the appropriate controls at all times so control of the skid steer is maintained.*

Figure 30

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FIELD OPERATION

WARNING: *Fasten your seat belt before starting the engine.*

Figure 24

WARNING: *Drive slowly over rough ground and on slopes. Keep alert for holes, ditches, and other irregularities that may cause the skid steer to overturn.*

Figure 25

WARNING: *Avoid steep hillside operation which could cause the skid steer to overturn.*

Figure 26

WARNING: *Do not work under overhangs, electric wires, or where there is danger of a slide.*

Figure 27

WARNING: *Wear an approved safety hat when operating the skid steer and while in any work area.*

Figure 28

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.

WARNING: *Keep hands and feet on the appropriate controls at all times so control of the skid steer is maintained.*

Figure 29



849859 Figure 30

LS120 Operating Load Capacities Decal

LS120 . . . . . 600 lbs (272 kg)
LS125 . . . . . 700 lbs (318 kg)

WARNING: *DO NOT OVERLOAD THE RATED CAPACITY OF THE MACHINE.*

Figure 31

- Before starting work, familiarize yourself with the working area. Locate holes, obstacles and debris that can be cleared from the site. Be aware that the job site may change repeatedly during the course of the shift.
- Locate any unavoidable Danger areas such as, power lines, bridges, tight corners and make sure you can operate safely in these areas.
- Confirm the possibility of other personnel working in the machine vicinity and clear the area of unauthorized personnel.
- If possible, arrange the job site to minimize the time required to perform the work cycle. Consider wind direction and ground slope. Position the dump site so that the wind will carry dust and dirt away from the operator.
- Use low range for maximum skid steer efficiency.

WARNING: *It is the responsibility of the operator to know the OPERATING LOAD capacity of the machine.*

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EVERY 200 HOURS

ENGINE OIL AND FILTER CHANGE - 120

Change the engine oil and filter every 200 hours of operation.



BD05K034 Figure 46

Remove and replace the oil filter. Do not use a filter wrench to install the new filter.

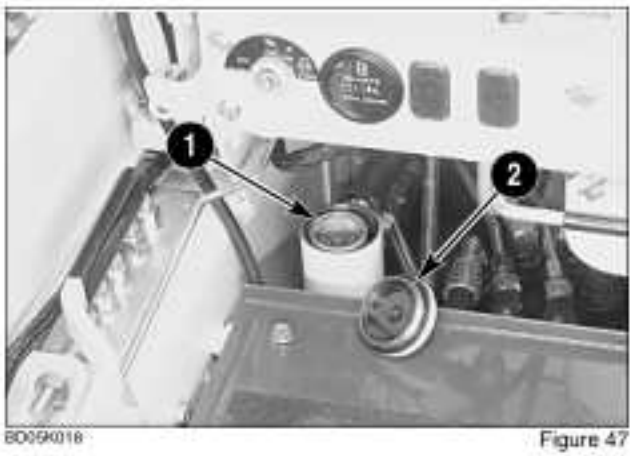
INSPECT AND CLEAN SPARK PLUGS - 120

Remove the spark plugs every 200 hours of operation to check the condition, reset the gap or replace with new. The spark plugs will be reached easier by removing the side panels.

1. Clean the area around the base of the spark plug to remove dirt and debris.
2. Remove the plug and check the condition.
3. Replace if worn or reuse is questionable.
4. Check the gap and adjust to 0.030 in (0.76 mm) , if necessary.
5. Install the plugs back into the cylinder head and torque to 18-22 pound feet (24.4-29.8 Nm).

HYDRAULIC RESERVOIR OIL SUCTION SCREEN

Every 200 hours of operation clean the suction strainer. Clean the strainer 10 hours after replenishing the oil in the reservoir.



BD05K018 Figure 47

1. SUCTION STRAINER
2. O RING

Remove the seat and pull the strainer up through the access area. Clean the strainer thoroughly.

Inspect the O ring seal on the cap and replace if necessary.

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