NEW HOLLAND

SKID STEER

L160
L170
TIER 3

OPERATOR'S MANUAL

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Chapter 2

SAFETY, AND SAFETY DECALS

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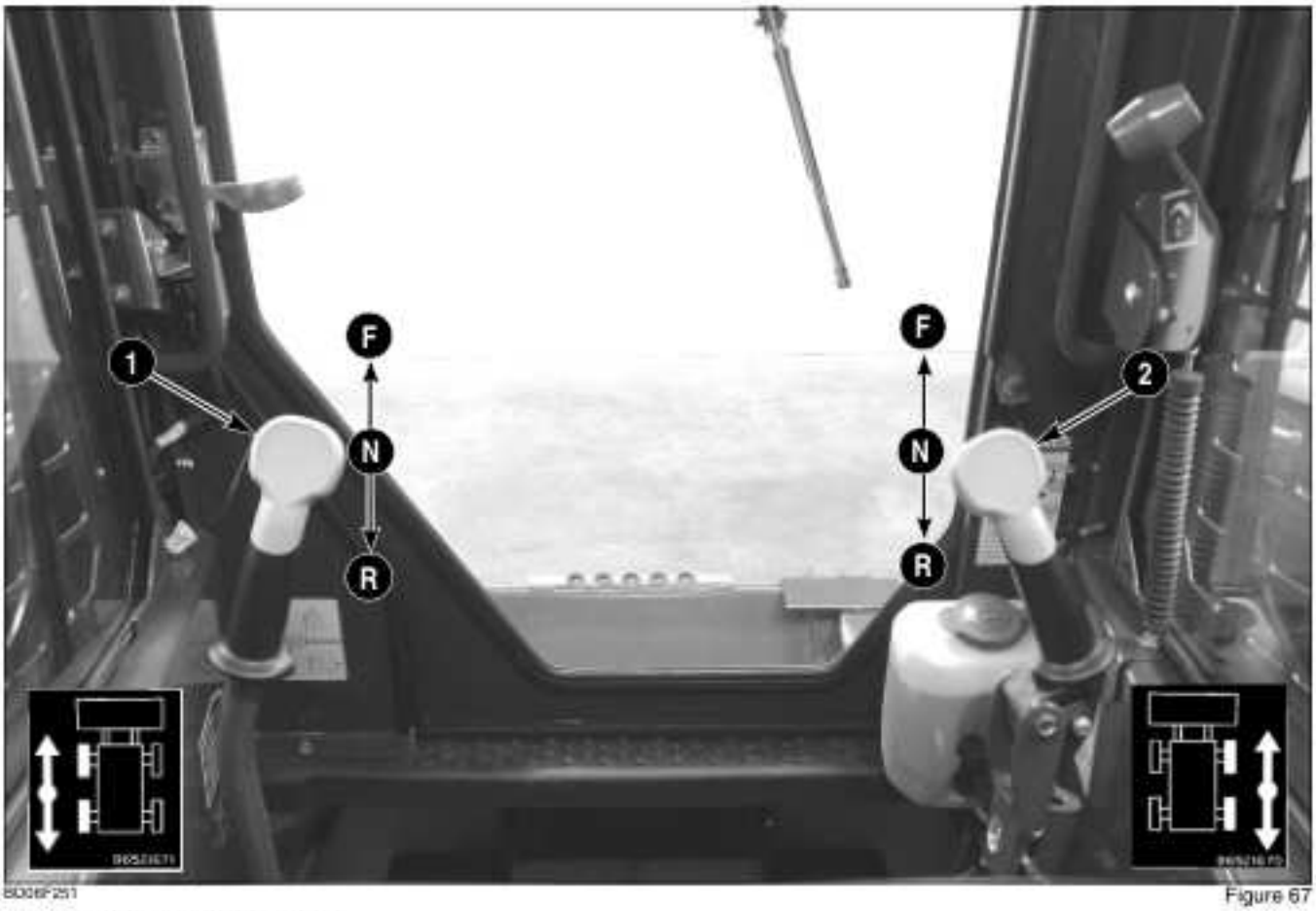
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STEERING AND TRAVEL WITH MECHANICAL CONTROLS



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Figure 67

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 68

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LIFTING THE MACHINE

IMPORTANT: *Only personnel with heavy machine lifting experience should attempt lifting the machine. Contact your Dealer.*

Use only lifting equipment with a rated capacity to handle the weight of the model skid steer being lifted. The lifting equipment weight must be added.

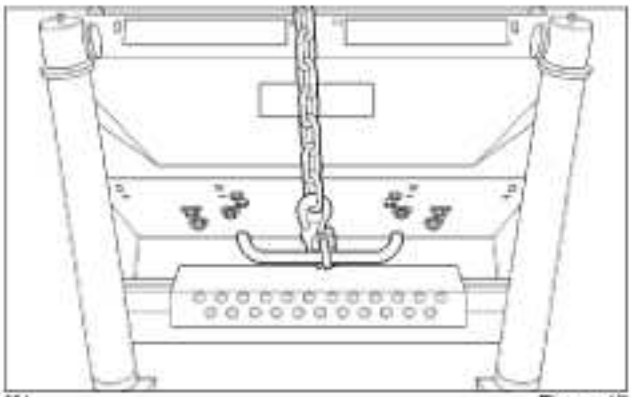
Remove the attachment before lifting the machine.

Remove counterweights, if equipped.



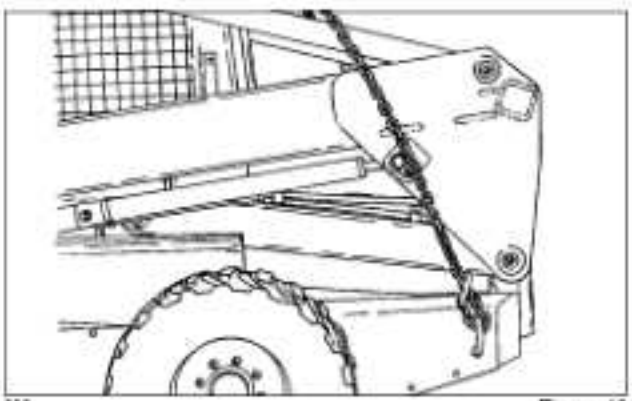
3_PT Figure 46

These machines are designed for a three point lift device.



031 Figure 47

1. FRONT LIFT POINT



030 Figure 48

2. REAR LIFT POINT (ONE EACH SIDE)

To prevent sharp angles and damage to the skid steer cab and lift arm, the correct length of equipment must be used and the proper lift hook point above the cab (1) must be maintained.

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lift equip length . . . . . 12 ft (3.66 m)
lift hook point above cab . . . . . 75 in (1.9 m)

WARNING: *Always use properly rated lifting devices to prevent personal injury or damage to the skid steer.*

Figure 49

The following precautions must be followed when craning (lifting or lowering) a machine.

- Never allow personnel on the machine while craning.
- Remove attachments before craning.
- Remove counterweights, if equipped.
- Use only properly rated lifting devices.
- The weight of the lifting equipment must be added to the machine weight for proper lift capacity requirement.
- Always inspect the lifting equipment to confirm safe condition. Do not use if worn or damaged.
- Do not attach lifting devices to the loader lift arm or attachments on the skid steer.
- Make sure the loader lift arm is in the completely lowered position.
- Make sure the engine is shut off before craning.
- Keep bystanders a safe distance away from the machine while craning.

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EVERY 500 HOURS

REPLACE THE FUEL FILTERS

Replace the fuel filter every 500 hours or operation or if large amounts of black smoke are emitted from the exhaust.



BD04H121 Figure 1

1. PRIMARY FUEL FILTER

1. Clean the area around the filter before proceeding.
2. Use a strap wrench and remove the filter.
3. Remove the rubber seal from the stud on the filter head.
4. Use a cloth and clean the gasket surfaces of the filter body.
5. Apply clean engine oil to the new rubber seal.
6. Install the rubber seal on the filter head stud.
7. Apply clean oil to the gasket of the new filter. **Do not** fill the new filter with fuel before installation.
8. Turn the filter onto the filter body until the filter gasket makes contact with the filter body. Continue to tighten the filter with your hand for 1/2 to 3/4 turn.

IMPORTANT: *Do not use a strap wrench to tighten the filter.*

Start the engine and check for fuel leaks around the fuel filter.

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