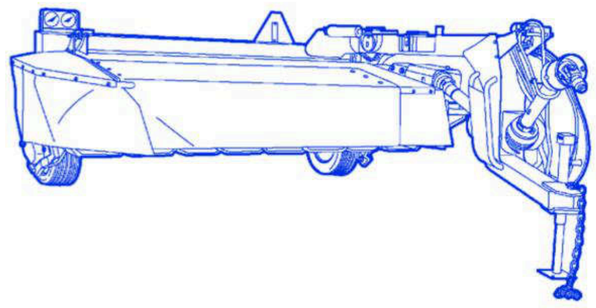
NEW HOLLAND

H6830

OPERATOR'S MANUAL



87718858 12/08
1st Printing

NEW HOLLAND
AGRICULTURE

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TRACTOR REQUIREMENTS

1. 540 rpm PTO.
2. 45 kw (60 HP) minimum PTO HP.
3. ASAE standard hitch and PTO dimensions conforming to category 2 specifications. (See Figure 9).

IMPORTANT: *For tractors with a stepped, or a bent drawbar, the bend must be positioned to meet ASAE hitch and PTO specifications. PTO separation or bottoming out could occur if these specifications are not followed.*

4. Two remote hydraulic circuits with a minimum of 104 bar (1500 psi) and maximum of 193 bar (2800 psi). One of the circuits must be a two-way circuit for the tongue swing cylinder.
5. Adequate ballast, wheel spacing, and tire inflation to stabilize the tractor on hillsides.

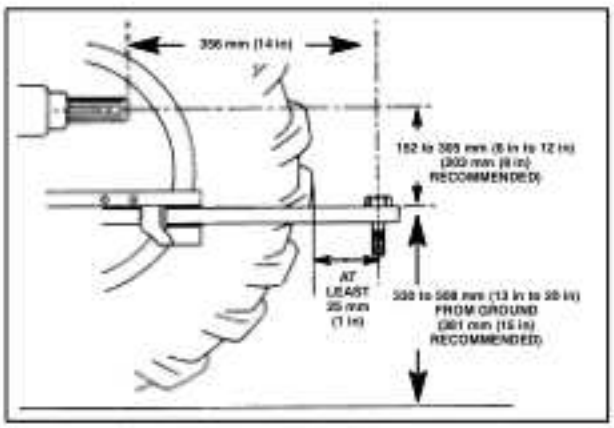
⚠ WARNING ⚠

A tractor with an enclosed cab is recommended when operating a rotary disc cutting machine. Failure to comply could result in death or serious injury.

TRACTOR DRAWBAR DIMENSIONS

Be sure the drawbar is adjusted to meet the ASAE standard specifications.

The distance from the end of the tractor PTO shaft to the center of the drawbar hitch pin must be 356 mm (14 in).



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SECTION 2
OPERATION

After the disc mower has been lubricated, attached to the tractor, and adjusted correctly, it is ready for field operation. Refer to other sections of this manual for the above information.

⚠ WARNING ⚠

A tractor with an enclosed cab is recommended when operating a rotary disc cutting machine. Failure to comply could result in death or serious injury.

CHECK BEFORE OPERATING

⚠ WARNING ⚠

Never adjust or make a repair with the disc mower running. Disengage the PTO and shut off the tractor engine before attempting to make adjustments or service the machine. Wait for all rotating parts to stop before opening shielding, covers, or standing close to the machine. Lower the discs to the ground or engage lift locks. Failure to comply could result in death or serious injury.

Before using your new disc mower:

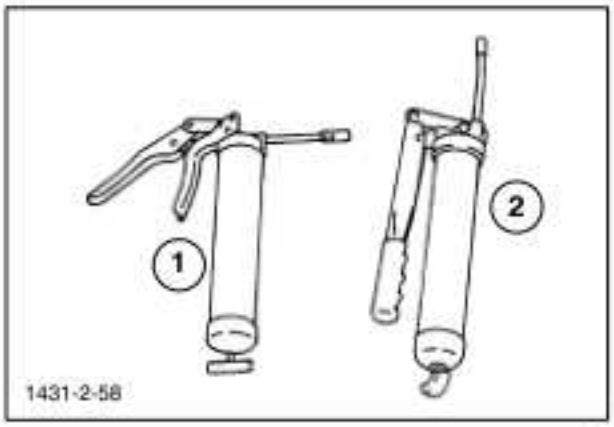
1. Read this manual carefully.
2. Be sure the tractor drawbar is adjusted properly.
3. Check the tire pressure: 172 kPa (25 psi).
4. Check the wheel bolt torque before operating and also after the first two and ten hours of use. Torque the bolts to 156 N·m (115 ft-lbs). Recheck the wheel bolt torque after every 10 hours of use until the bolt torque is maintained.
5. Be sure the machine is properly lubricated. Use this manual as a guide to be sure no grease fittings have been missed and all gearboxes are filled to the proper level.
6. Burnish the slip clutch to ensure it is not locked up, and is functioning properly. Refer to the "Maintenance" section of this manual for more information.
7. Be sure the machine is operated at the correct PTO speed.

   Overspeeding may cause excessive wear, vibration, and breakdowns.

   Underspeeding may cause poor cutting performance and stress on the drive components. Your dealer can use a tachometer to check PTO speed and verify the tractor tachometer.
8. Before cutting: Operate the machine slowly for 15 minutes. Then check to be sure that no bearings or gearboxes are running hot. If no problems are detected, operate at rated PTO speed for 15 minutes, and recheck the bearings and gearboxes. If a bearing, bearing housing, or gearbox show signs of overheating or paint discoloration contact your dealer. Any problems must be corrected before using machine to cut crop.

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Different types of grease guns provide a different amount of grease per pump of the handle. In general, a pistol grip style grease gun, 1, provides half the amount of grease per pump as a lever style grease gun, 2. The number of pumps listed in this section are for pistol grip style grease guns; use half the number of pumps for lever style grease guns.



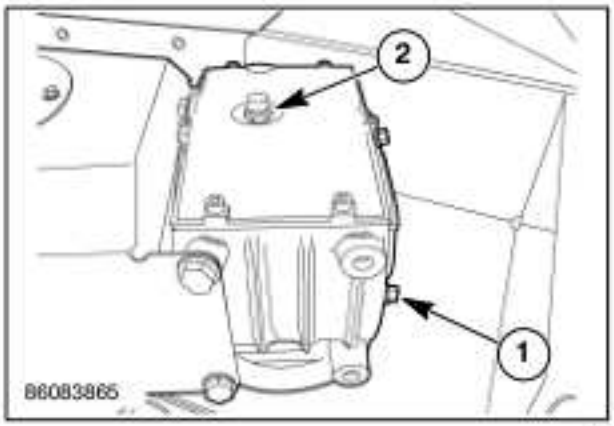
1

FIRST 10 HOURS AND EVERY 50 HOURS

Check Bevel Gearbox

1. Remove the oil level plug, 1, and the breather plug, 2.
2. Add oil slowly until it comes out the fill plug hole.
3. Install both plugs.

NOTE: *Header should be level when checking oil.*



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Part #849472 (2)
Under Outer Shield

8



Part #84135369

9



Part #87722933 (2)

10



Part #87744190

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