NEW HOLLAND

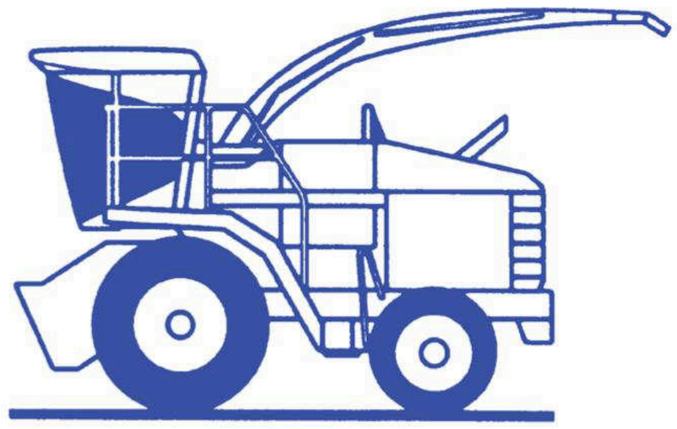
RI450

Above Serial Number 513168220

RI600

Above Serial Number 523168090

OPERATOR'S MANUAL



87039233 10/03

NEW HOLLAND

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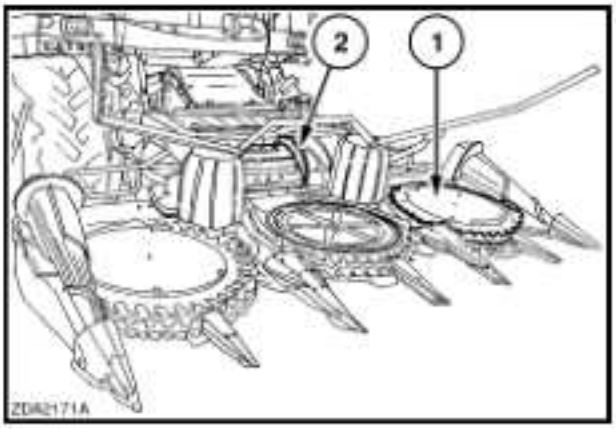
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SECTION 2 - CONTROLS, INSTRUMENTS AND OPERATION

DESCRIPTION OF OPERATION

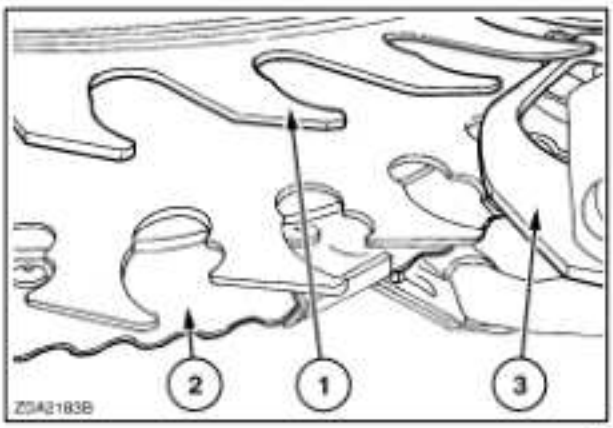
The rotors (1) cut the crop and guide it to the auger (2).

The auger flighting brings the crop to the center of the attachment where it is fed into the forage harvester chopper body.



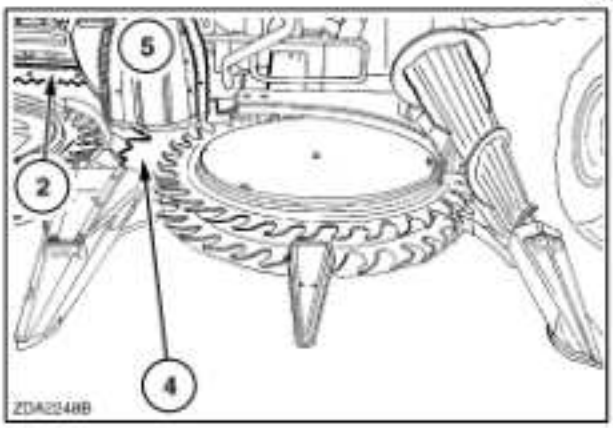
1

Each rotor consists of a feed discs (1) and a knife disc (2). The feed disc with two notched plates grab and hold the crop. The knife disc (2), underneath the feed disc, rotates in the opposite direction of the feed disc at a higher speed to cut off the crop. Tucker finger (3) pushes the crop into the feed disc so it is held securely. The feed disc brings the crop to the clearer disc.



2

The clearer disc (4) pulls the crop out of the feed disc and guides the crop to the auger (2). On the two ends of the auger, an additional feed drum (5) also helps to feed the crop to the auger.



3

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SECTION 4 - LUBRICATION AND MAINTENANCE

LUBRICATION

GENERAL

Your attachment is designed to require minimum lubrication and maintenance. However, regular lubrication and maintenance is the best insurance against delays and repairs and will greatly increase the life of the attachment.

Use only top grade lubricants stored in clean vessels.

⚠ CAUTION ⚠

Always stop the attachment before lubricating and observe following precautions:

- Disengage all drives.
- Raise the attachment.
- Switch off the engine.
- Engage the parking brake.
- Remove the ignition key before leaving the operator's platform.
- Engage the attachment safety latch.

GREASE FITTINGS

Before greasing the machine always wipe any dirt from the grease fittings and then apply a good grade of grease.

Use Multipurpose grease AMBRA GR9 (ref. (NH710A) or AMBRA GR75MD (ref. NH720A), or grease classified under NLGI Class 2.

All points, except those with special notations, should be lubricated until the grease is forced out around the bearings and then the excess grease should be wiped off.

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SECTION 8 - SPECIFICATIONS

ATTACHMENT	RI450	RI600
Dimensions with attachment in operating position		
Width (m)	4.5	6.0
Length (m)	2.9	2.65
Dimensions with attachment in transport position		
Width (m)	3.0	3.0
Height (m)	2.1	2.95
Weight (Kg)	2200	2800
Slip clutches		
Attachment slip clutch	1200 Nm	1200 Nm
Rotor cut out clutch	750 Nm	750 Nm
Auger slip clutch	1500 Nm	1500 Nm
Bevel rotor slip clutch	1000 Nm	1000 Nm
Lodged maize auger slip clutch	300 Nm	300 Nm
Speed		
Attachment drive p.t.o. speed	417 rpm	417 rpm
Main gearbox drive p.t.o. speed	341 or 392 rpm	341 or 392 rpm
Auger speed	70 or 80.5 rpm	70 or 80.5 rpm
	110.6 or 127.2 rpm	110.6 or 127.2 rpm
	157.6 or 181.3 rpm	157.6 or 181.3 rpm
	248.8 or 286.1 rpm	248.8 or 286.1 rpm
Bevel rotor speed	137 or 157.5 rpm	137 or 157.5 rpm
Rotor speed	37 or 42.5 rpm	37 or 42.5 rpm
Knife speed	203 or 233.5 rpm	203 or 233.5 rpm
Cleaner disc speed	75 or 86.2 rpm	75 or 86.2 rpm

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