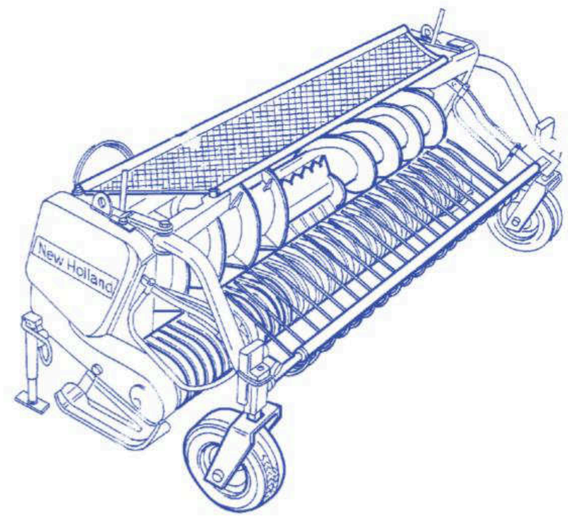


NEW HOLLAND

346W
356W
366W

REPAIR MANUAL

NEW HOLLAND
SERVICE

87576103 7/06
Replaces 87051565

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SPECIFICATIONS

Model	346W	356W	366W
Dimensions			
Overal width	297 cm (117 in)	351 cm (138 in)	478 cm (188 in)
Operating width (tine to tine)	246 cm (97 in)	300 cm (118 in)	418 cm (165 in)
Overal length	179 cm (70 in)		
Overall Height	155 cm (61 in)	155 cm (61 in)	161 cm (63 in)
Weight (kg)	1020	1220	1492
Auger			
Auger diameter	56 cm (22 in)		
Retractable fingers	20		
Drive protection	Radial pin clutch		
Reel			
Number of tines	152	184	256
Drive protection	Friction disc clutch and Overrunning clutch		
Gauge wheels	20.5 x 8.0 - 10		
Tire pressure	2.48 bar (36 psi)		

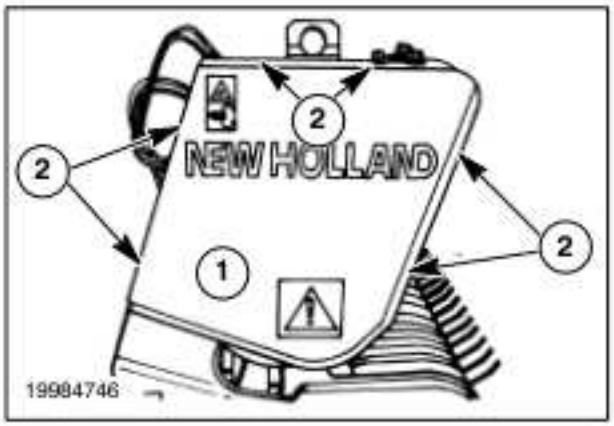
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Removal

Remove the upper right side shield, 1 The shield is slotted and secured by six bolts, two on each side and two bolts on top in the areas indicated by, 2.

NOTE: *On a 366W unit with safety lighting; as the shield is removed, the wire harness must be disconnected in order to set the shield aside without damaging the wiring. This may require releasing the harness from support clips or ties, or disconnecting the harness wiring from the light.*

Loosen the bolts, 2, and then slide the shield off the frame. Disconnect lighting harness as required.

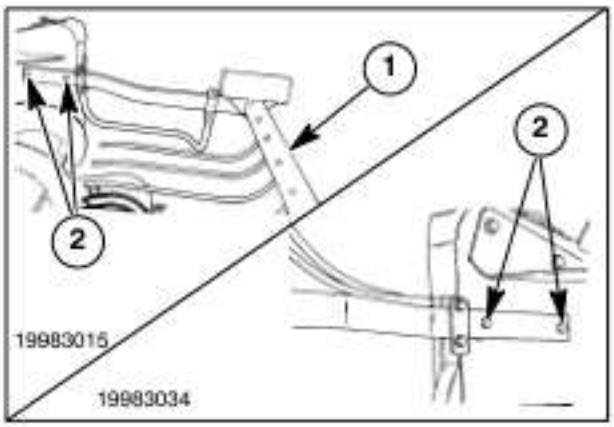


4

Attach wide spread lifting straps or chains, for balance, to the wind guard bar, 1. Attach a hoist to the straps and take up the slack to begin supporting the wind guard.

Remove the two bolts, 2, with lock washers and nuts, from the wind guard arms on both sides of the unit.

Move the wind guard from the immediate work area.



5

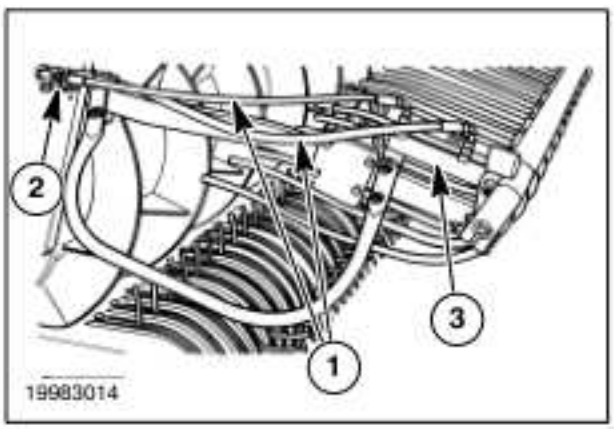
Wind Guard Hydraulic Lift Disconnect (If Equipped)

NOTE: *This step removes two hydraulic hoses. Capture draining oil and cap open fittings.*

Mark the hydraulic hoses, 1, identifying how the hoses are connected to the T-fittings, 2.

Disconnect the two hydraulic hoses that operate the wind guard lift cylinder, 3, at the T-fittings, 2.

Cap the open hose ends and T-fittings.



6

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PICKUP REEL/REEL TUBE

Removal Overview

Perform the following procedures as listed. Reference the detailed removal procedures as needed.

- Remove the pickup drive chain assembly.
- Remove the outer right-hand side skid shoe.
- Remove the inner skid shoes.
- Remove the left pickup reel cam follower bearings.
- Remove the right pickup reel cam follower bearings.
- Remove all pickup guard segments.
- If replacing the reel tube, remove the pickup tines, remove the tine bars and tine bar bearings.
- For 366W units, disassemble the center support and the reel tube left and right-hand halves. Reference: 366W Reel Tube Center - Disassembly.
- Remove the right-hand reel bearing, follow procedure for relevant model.
- Remove the left-hand pickup reel bearing and hex shaft.
- Remove the reel tube.

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