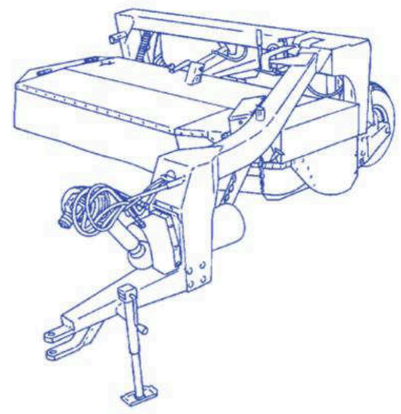
NEW HOLLAND

1411
1412

OPERATOR'S MANUAL



87548184 9/06
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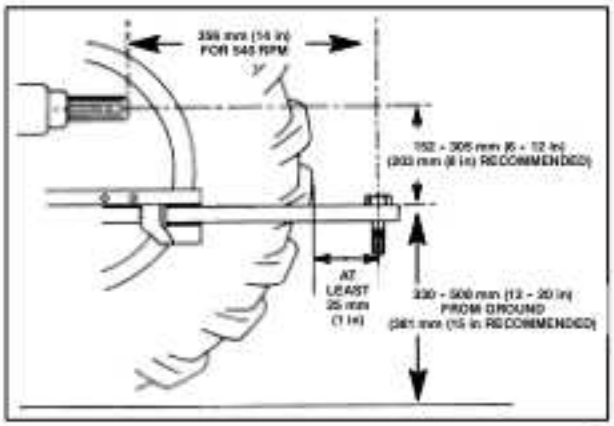
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TRACTOR DRAWBAR DIMENSIONS

Be sure the drawbar is adjusted to meet the ASAE standard specifications. (See this Figure & Figure 8)

On 540 rpm machines, 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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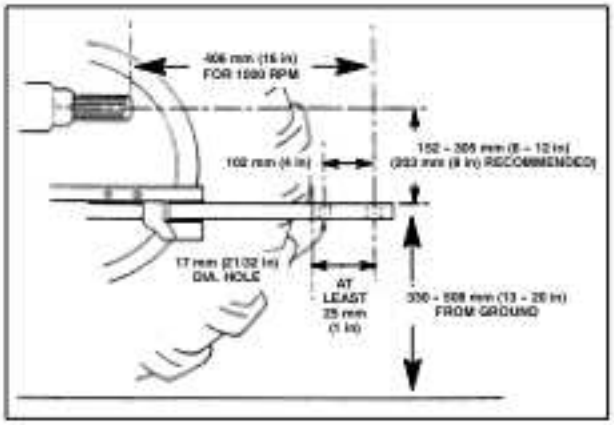
On 1000 rpm machines, the distance from the end of the tractor PTO shaft to the center of the drawbar hitch pin must be 406 mm (16 in).

NOTE: *Using a tractor with nonstandard PTO-to-hitch dimension can damage the front PTO and, or the tractor PTO drive line.*

NOTE: *Ideally the top of the tractor drawbar should be 483 mm (19 in) above the ground. A low or high drawbar will affect the driveline angle, header flotation and cutter bar angle.*

IMPORTANT: *Do not offset the drawbar from center or PTO damage will occur. Locate the drawbar directly below the PTO shaft. Clamp the drawbar so it cannot be moved from side to side.*

IMPORTANT: *If the tractor has a three-point hitch, raise the lower links as high as possible, lower as low as possible, or remove them, to prevent them from hitting the tongue and PTO shaft when turning.*

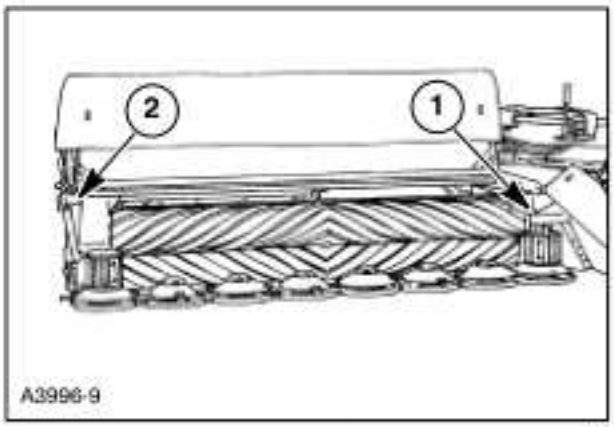


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Raise the cutter bar shields and lift on the left and right end supports, 1 and 2. Operating with heavier than necessary weight results in side draft and excessive wear to cutter bar components. If the header is too light, long stubble results when the header does not quickly return to ground level after crossing a bump.

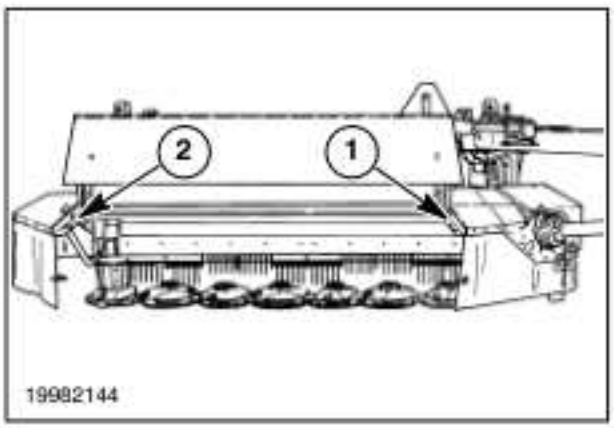
NOTE: *Check flotation frequently, because crop and dirt buildup can cause the flotation force to change.*



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Model 1411

NOTE: *Check flotation in the field operating position(s).*



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Model 1412

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LUBRICATION AND MAINTENANCE SCHEDULE - MODEL 1412 ONLY

DESCRIPTION	After First 8 Hours	After First 50 Hours	Every 8 Hours or Daily	Every 50 Hours	Every 100 Hours	Every 200 Hours	Every 500 Hours or Yearly
LUBRICATION							
PTO Slide Collar	X			X			
Primary PTO Universal Joints*	X		X	X			
Primary PTO Sliding Shaft	X			X			
Secondary PTO Sliding Shaft	X			X			
Secondary PTO Universal Joint				X			
Slip Clutch / Overrunning Clutch	X			X			
Cutter Bar Drive Shaft	X		X				
Conditioner Bearings	X		X				
Wheel Arms	X		X				
Header Lift Arms	X		X				
Tongue Pivot Pin	X		X				
Cutter Bar Mounting Bolts	X		X				
Hood Adjusting Crank	X	X			X		
Wheel Bearings		X					X
Check Oil Level in Bevel Gearbox		X				X	
Change Oil in Bevel Gearbox		X				X	
Check Oil Level in Cutter Bar Modules		X				X	
Change Oil in Cutter Bar Modules		X				X	
Change Oil in Set-up Gearbox		X				X	

**Weasler U-joints every 8 hours; Bondioli every 50 hours.*

⚠ DANGER ⚠

The header must be resting on the ground or suspended in the transport position by the header lift lock rods or manuals during lubrication or maintenance. Failure to comply will cause death or serious injury.

NOTE: *The machine must be checked daily for oil leaks. Any leak must be fixed immediately.*

NOTE: *Clean the area around all plugs and grease fittings prior to removing or greasing.*

NOTE: *All oil levels are checked with the cutter bar level both from front to back and side to side.*

Grease Fittings

Grease fittings are identified in the following figures. Recommended lubrication intervals are listed after each description.

NOTE: *Lithium-based EP high temperature grease must be used at all grease points.*

GEARBOXES

Oil for the gearboxes and cutter bar modules are available from your authorized dealer.

Maintain oil level using API GL5 80W90 gear oil or API GL5 75W90 Hypoid SSL gear lube (synthetic).

NOTE: *Failure to use the correct specification of oil may lead to premature failure of the gearbox components.*

IMPORTANT: *The oil in all gearboxes must be changed after the first 50 hours of use to remove any contaminants from the break-in process.*

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