ORIGINAL INSTRUCTIONS

OPERATOR'S MANUAL

H7230
H7330

Discbine® Mower-Conditioner

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Tractor drawbar dimensions

Make sure that you adjust the drawbar to meet the **ASAE/ASABE** standard specifications (See Figure **1** and Figure **2**).

On **540 RPM** machines, the distance from the end of the tractor PTO to the center of the drawbar hitch pin must be **356 mm** (**14 in**) (for standard-tongue or swivel-tongue units). Refer to Figure **1**.

(1) 356 mm (**14 in**) for **540 RPM** PTO units.

(2) 152 - 305 mm (**6 - 12 in**); **203 mm** (**8 in**) recommended.

(3) 330 - 508 mm (**13 - 20 in**) from ground.

(4) At least **25 mm** (**1 in**).

On **1000 RPM** machines, the distance from the end of the tractor PTO to the center of the drawbar hitch pin must be **406 mm** (**16 in**) (for standard-tongue units only). Refer to Figure **2**.

(1) 406 mm (**16 in**) for **1000 RPM**.

(2) 152 - 305 mm (**6 - 12 in**) [**203 mm** (**8 in**) recommended].

(3) 330 - 508 mm (**13 - 20 in**) from ground.

(4) At least **25 mm** (**1 in**).

NOTICE: *Using a tractor with non-standard PTO-to-hitch dimension can damage the front PTO and/or the tractor PTO drive line.*

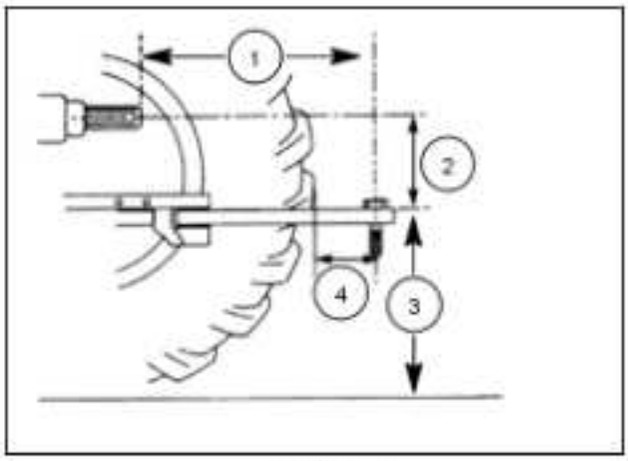
NOTE: *The top of the tractor drawbar should be **483 mm** (**19 in**) above the ground. A low or high drawbar will affect the drive line angle, header flotation, and cutterbar angle.*

NOTICE: *Do not offset the drawbar from the 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.*

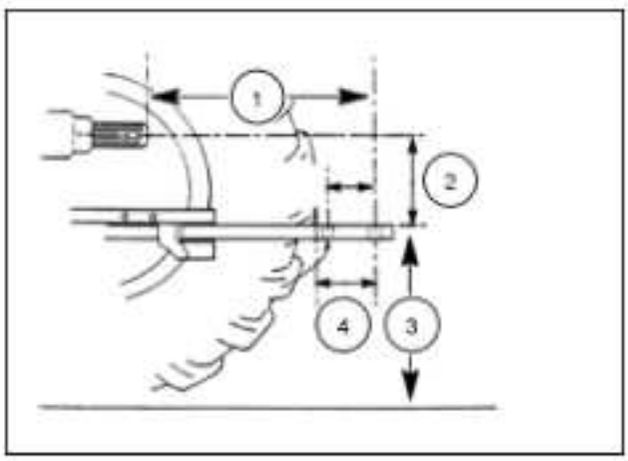
NOTICE: *If the tractor has a three-point hitch, you must remove the lower links or position the lower links as follows to prevent the lower links from hitting the tongue and PTO shaft when turning. Raise the lower links to their maximum height or lower the lower links completely.*

NOTE: *If dimension **(4)** is less than **2.5 cm** (**1 in**), or if the hitch point falls in front of the tire profile, the bolt on the tire bumpers is not needed.*

NOTICE: *If dimension **(4)** is **2.5 cm** (**1 in**) or greater, you must install bumpers on the tongue of the machine.*



1



2

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How to install an implement light control module

The implement light control module provides enhanced turn signal function to tractors without brake lights; contact your authorized NEW HOLLAND dealer to purchase module and its protective cover.

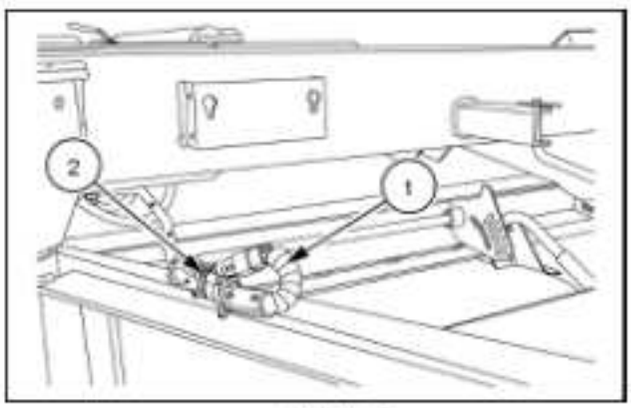
The implement light control module, if equipped, will be mounted behind a protective cover on the left-hand side at the rear of the frame as shown in Figure **4**.

If the mower-conditioner is not fitted with an implement light control module, a small loop harness will be installed on the machine wire harness in its place.

NOTE: *An implement light module will also work with tractors that have brake lights.*

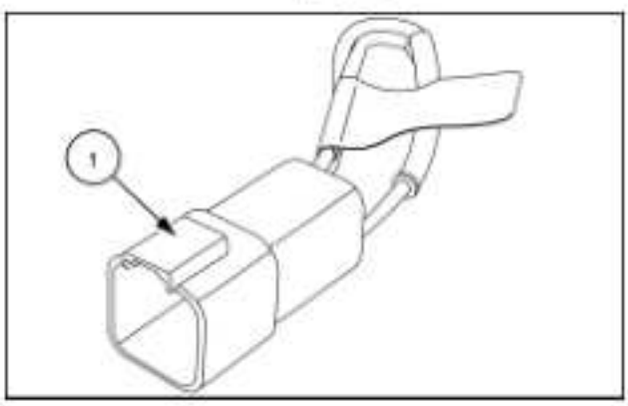
Install an implement light control module as follows:

1. Locate loop harness **(1)**.
2. Cut the wire tie **(2)** that binds the loop harness to the machine wiring harness. Discard the wire tie.



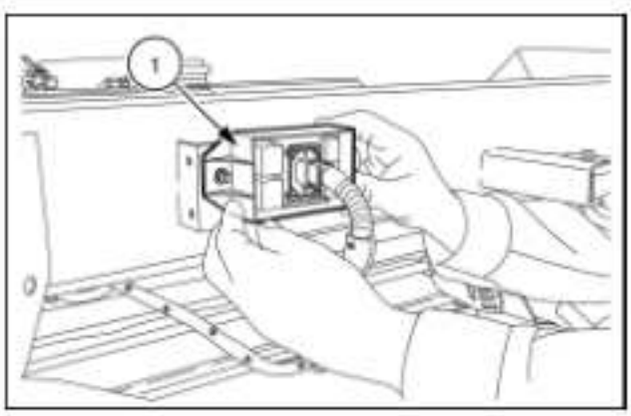
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3. Unplug the loop harness **(1)** from the machine wiring harness. Plug the implement light module into the machine wiring harness in place of the loop harness.



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4. Mount the light control module **(1)** to the two holes in the light bracket using two **1/4 in** -20 Grade 5 flanged hex bolts and two **1/4 in** -20 flanged lock nuts.



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MAINTENANCE CHART

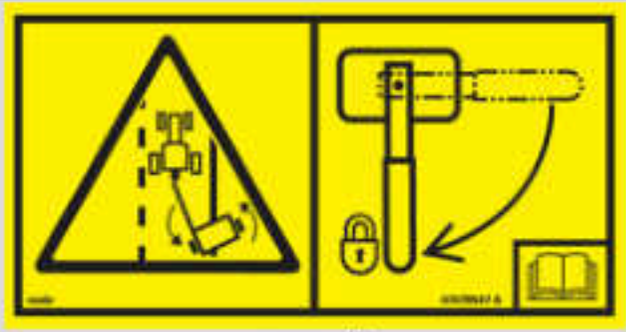
Maintenance chart

Maintenance action	Grease	Adjust	Tighten	Change fluid	Replace	Level make up	Check	Page no.
After first 8 hours								
Primary Power Take-Off (PTO) slide collar	x							6-5
Primary Power Take-Off (PTO) sliding shaft	x							6-5
Secondary Power Take-Off (PTO) sliding shaft	x							6-5
Slip clutch	x							6-5
Conditioner roll pressure crank	x							6-5
Flail conditioning hood adjustment crank	x							6-5
Conditioner drive belt tension		x						6-5
Tire pressure and wheel bolt torque			x					6-6
After first 50 hours								
Conditioner roll pressure crank	x							6-5
Flail conditioning hood adjustment crank	x							6-5
Wheel bearings	x							6-6
Bevel gearbox				x				6-6
Cutterbar modules				x				6-6
Step up gearbox				x				6-6
Conditioner roll drive gearbox				x				6-6
Every 8 hours or daily								
Primary Power Take-Off (PTO) universal joints	x							6-6
Primary Power Take-Off (PTO) Constant Velocity (CV) joints	x							6-7
Swivel hitch trunnion assembly	x							6-8
Conditioner roll drive shafts	x							6-8
Cutterbar drive shaft	x							6-8
Cutterbar mounting bolts	x							6-9
Conditioner roll pivots	x							6-9
Wheel arms and header lift arms	x							6-9
Tongue pivot pin	x							6-10
Cutterbar inspection					x			6-10
Every 50 hours								
Primary Power Take-Off (PTO) slide collar	x							6-12
Primary Power Take-Off (PTO) sliding shaft	x							6-13
Secondary Power Take-Off (PTO) universal joint	x							6-13
Secondary Power Take-Off (PTO) sliding shaft	x							6-14
Slip clutch	x							6-15
Bevel gearbox					x			6-15
Cutterbar modules					x			6-16
Step-up gearbox					x			6-16
Conditioner roll drive gearbox					x			6-17
Conditioner drive belt tension		x						6-17
Tire pressure and wheel bolt torque			x					6-18
Conditioner module	x							6-19
Every 100 hours								
Conditioner roll pressure crank	x							6-20
Flail conditioning hood adjustment crank	x							6-20
Every 200 hours								
Bevel gearbox				x				6-20
Cutterbar modules				x				6-21

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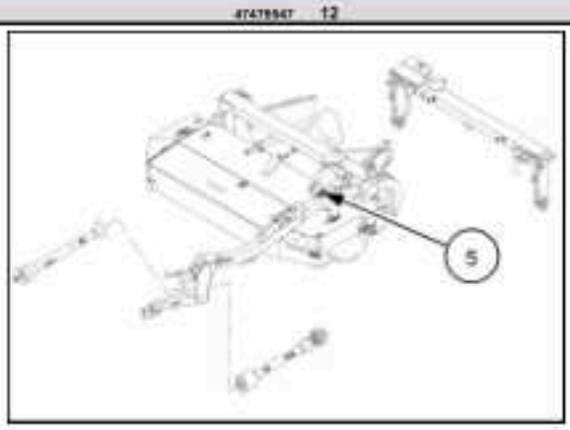
WARNING
BEFORE TOWING
Charge cylinder with oil.
Rotate valve handle to lock position.
Failure to comply could result in death or serious injury.

Quantity: 1
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(5) Located at top rear of tongue.



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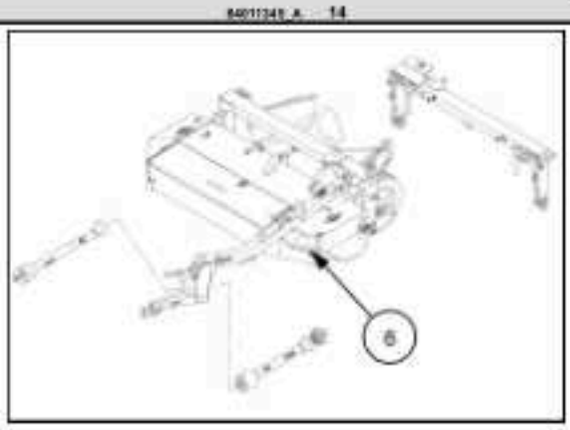
DANGER
OPEN DRIVELINE
DO NOT OPERATE WITHOUT
All driveline, tractor and equipment shields in place.

Quantity: 1
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(6) Located underneath the left-hand swing-out side shield.



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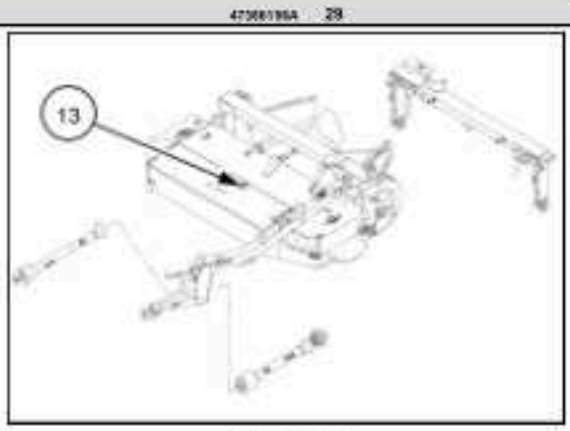
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WARNING
STAND CLEAR
Disengage PTO and shut off tractor.
Listen and look for evidence of rotation before lifting cover.
Rotating cutters may continue to rotate after power is off.
Failure to comply could result in death or serious injury.
Quantity: 1
47386156



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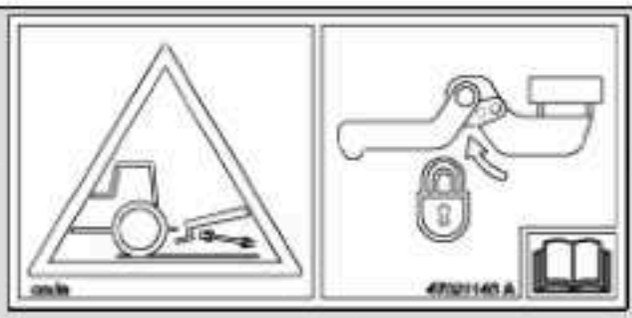
(13) Located on the front flip-up shield.



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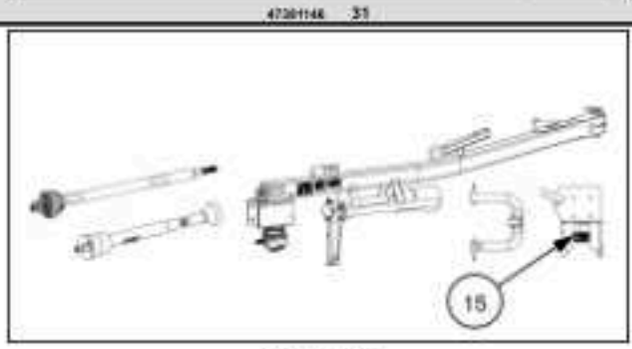
WARNING
Use safety latch to lock hitch in place before operating.
Failure to comply could result in death or serious injury.

Quantity: 1 (Swivel hitch)
47391146



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(15) Located on the drawbar trunnion hitch support.



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