ORIGINAL INSTRUCTIONS

OPERATOR'S MANUAL

H7220
H7320

Discbine® Mower-Conditioner

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Contents

1 GENERAL INFORMATION

Note to the owner 1-1
Intended use 1-2
Electro-Magnetic Compatibility (EMC) 1-3
Product identification 1-4
Operator's manual storage on the machine 1-5
Machine orientation 1-6

2 SAFETY INFORMATION

Safety rules and signal word definitions 2-1
General safety rules 2-2
Ecology and the environment 2-7
Safety signs 2-8
Road travel signs and decals 2-18

3 OPERATING INSTRUCTIONS

COMMISSIONING THE UNIT

Tractor requirements 3-1
Attachment of the disc mower-conditioner to the tractor 3-3
Connecting the hydraulics 3-4
Bleeding air from the lift cylinders 3-5

4 TRANSPORT OPERATIONS

ROAD TRANSPORT

Transporting the machine 4-1
Machine lighting 4-2
Towing with a tractor 4-7

5 WORKING OPERATIONS

GENERAL INFORMATION

Check before operating 5-1
Theory of operation 5-2
Roll conditioning 5-2
Flail conditioning 5-4
Tongue swing lock mechanism 5-6
Header lift lock channels 5-6
Lift cylinders 5-7
Power Take-Off (PTO) 5-7
Opening fields 5-8
Field cutting 5-9
Swathing 5-11
Windrowing 5-12
Conditioning roll pressure 5-13

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Unplugging the conditioner rolls 5-14
Conditioning roll gap 5-15
Conditioning (hood adjustment) 5-17
Unplugging the rotor 5-18
Cutterbar flotation 5-19
Cutting height 5-21
Toolbox 5-23
Shielding 5-24
Jack assembly 5-26

6 MAINTENANCE

GENERAL INFORMATION

Maintenance advice 6-1
Lubrication tools 6-2
Consumables 6-3

MAINTENANCE CHART

Maintenance chart 6-4

After first 8 hours

Primary Power Take-Off (PTO) slide collar 6-6
Primary Power Take-Off (PTO) sliding shaft 6-6
Secondary Power Take-Off (PTO) sliding shaft 6-6
Slip clutch 6-6
Conditioner roll pressure crank 6-6
Flail conditioning hood adjustment crank 6-6
Conditioner drive belt tension 6-6
Tire pressure and wheel bolt torque 6-6

After first 50 hours

Conditioner roll pressure crank 6-6
Flail conditioning hood adjustment crank 6-6
Wheel bearings 6-6
Bevel gearbox 6-6
Cutterbar modules 6-7
Conditioner roll drive gearbox 6-7

Every 8 hours or daily

Primary Power Take-Off (PTO) universal joints 6-7
Primary Power Take-Off (PTO) Constant Velocity (CV) joints 6-7
Conditioner roll drive shafts 6-8
Cutterbar drive shaft 6-8
Cutterbar mounting bolts 6-8
Conditioner roll pivots 6-9
Wheel arms and header lift arms 6-9
Tongue pivot pin 6-9
Cutterbar inspection 6-10

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Every 50 hours

Primary Power Take-Off (PTO) slide collar 6-12
Primary Power Take-Off (PTO) sliding shaft 6-13
Secondary Power Take-Off (PTO) universal joint 6-13
Secondary Power Take-Off (PTO) sliding shaft 6-14
Slip clutch 6-14
Bevel gearbox 6-15
Cutterbar modules 6-16
Conditioner roll drive gearbox 6-16
Conditioner drive belt tension 6-16
Tire pressure and wheel bolt torque 6-17
Conditioner module 6-18

Every 100 hours

Conditioner roll pressure crank 6-19
Flail conditioning hood adjustment crank 6-19

Every 200 hours

Bevel gearbox 6-19
Cutterbar modules 6-20
Conditioner roll drive gearbox 6-21

Every 500 hours or yearly

Slip clutch burnishing 6-22
Wheel bearings 6-23
Conditioner roll timing 6-24
Conditioner roll gap adjustment 6-24

As required

Conditioner drive belt replacement 6-25
Knife replacement 6-27
Disc replacement 6-29
Crop lifter replacement 6-30
ShockPro™ replacement 6-30
Conditioning hood liner replacement 6-32
Flail replacement 6-33
Rock guard replacement 6-34
Skid shoe replacement 6-34

STORAGE

Parking the machine 6-34
Storing the disc mower-conditioner 6-36
Storage in shed- flail units only 6-36

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Tractor drawbar dimensions

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

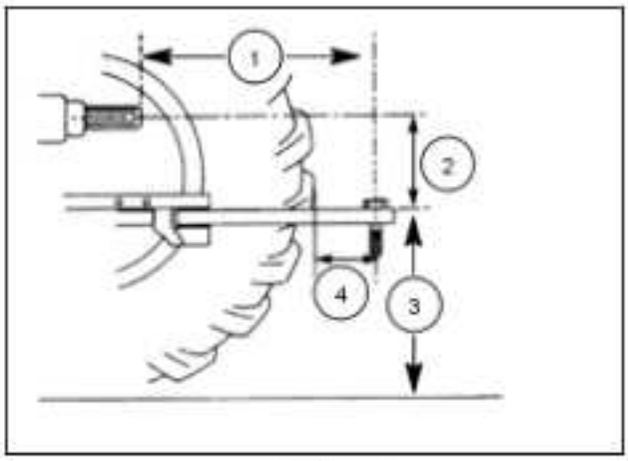
The distance from the end of the tractor PTO to the center of the drawbar hitch pin must be **356 mm** (**14 in**). Refer to Figure **1**.

(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**).



2069032 1

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.*

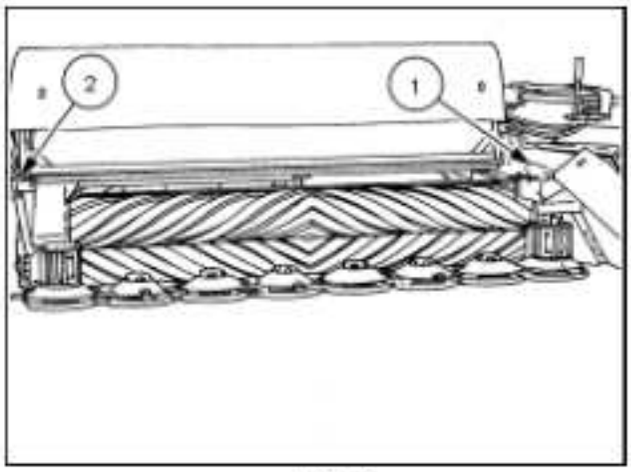
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Raise the cutterbar shields and lift on the left-hand and right-hand end supports **(1)** and **(2)**. Operating with heavier than necessary weight results in side draft and excessive wear to cutterbar components. If the header is too light, long stubble 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.*

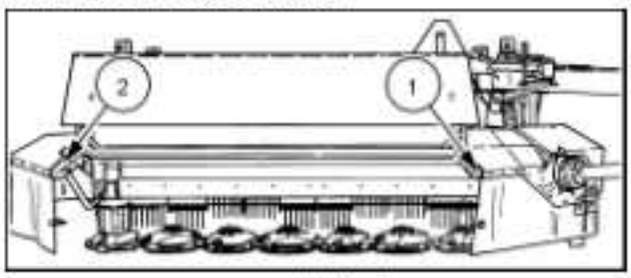
NOTE: *Check flotation in the field operating position(s).*

Roll conditioner units



3

Flail conditioner units



4

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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							6-6
Primary Power Take-Off (PTO) sliding shaft	x							6-6
Secondary Power Take-Off (PTO) sliding shaft	x							6-6
Slip clutch	x							6-6
Conditioner roll pressure crank	x							6-6
Flail conditioning hood adjustment crank	x							6-6
Conditioner drive belt tension		x						6-6
Tire pressure and wheel bolt torque			x					6-6
After first 50 hours								
Conditioner roll pressure crank	x							6-6
Flail conditioning hood adjustment crank	x							6-6
Wheel bearings	x							6-6
Bevel gearbox				x				6-6
Cutterbar modules				x				6-7
Conditioner roll drive gearbox				x				6-7
Every 8 hours or daily								
Primary Power Take-Off (PTO) universal joints	x							6-7
Primary Power Take-Off (PTO) Constant Velocity (CV) joints	x							6-7
Conditioner roll drive shafts	x							6-8
Cutterbar drive shaft	x							6-8
Cutterbar mounting bolts	x							6-8
Conditioner roll pivots	x							6-9
Wheel arms and header lift arms	x							6-9
Tongue pivot pin	x							6-9
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							6-14
Bevel gearbox					x			6-15
Cutterbar modules					x			6-16
Conditioner roll drive gearbox					x			6-16
Conditioner drive belt tension		x						6-16
Tire pressure and wheel bolt torque			x					6-17
Conditioner module	x							6-18
Every 100 hours								
Conditioner roll pressure crank	x							6-19
Flail conditioning hood adjustment crank	x							6-19
Every 200 hours								
Bevel gearbox				x				6-19
Cutterbar modules				x				6-20
Every 500 hours or yearly								
Slip clutch burnishing		x						6-22
Wheel bearings	x							6-23

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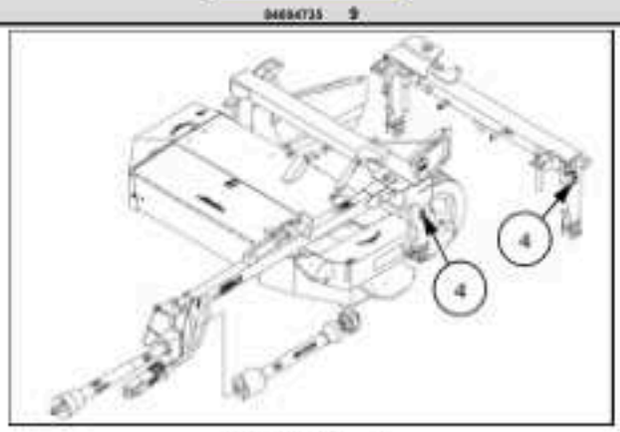
DANGER
Header will fall rapidly if hydraulic lift system should fail.
Rest header on ground or engage lift cylinder lockouts when working around raised header.
Failure to comply will result in death or serious injury.

Quantity: 2
84004735



84004735 9

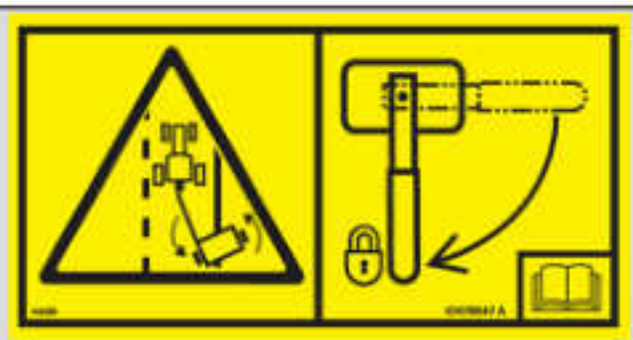
(4) Located on the right-hand side and the left-hand side of trail frame.



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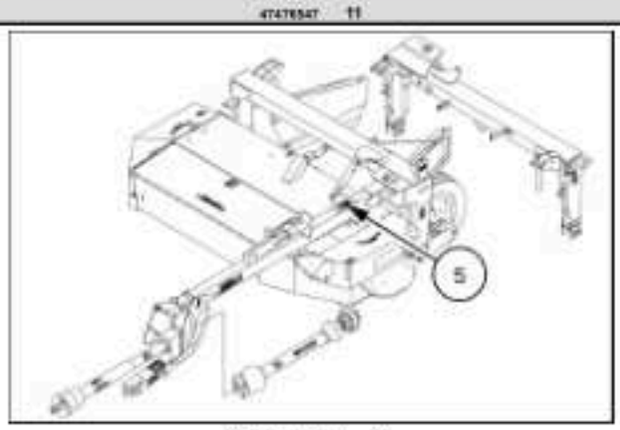
WARNING
BEFORE TOWING
Charge cylinder with oil.
Rotate valve handle to lock position.
Failure to comply could result in death or serious injury.

Quantity: 1
47476547



47476547 11

(5) Located at top rear of tongue.



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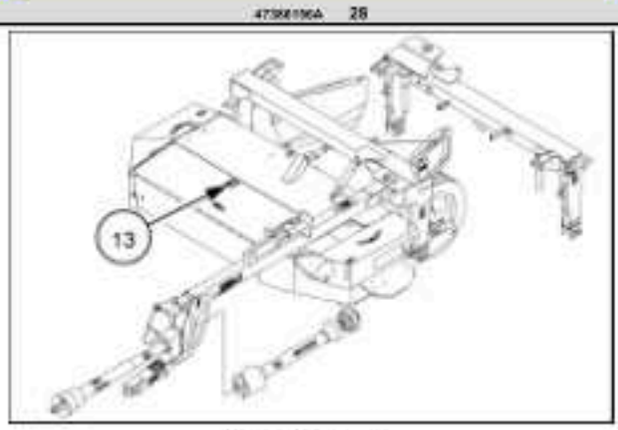
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WARNING
STAND CLEAR
Disengage PTO and shut off tractor.
Listen and look for evidence of rotation before lifting cover.
Rotating cutters may continue to rotate after power is off.
Failure to comply could result in death or serious injury.
Quantity: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



47386156A 28

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



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