Flex Till 600

Precision Tillage

OPERATOR'S MANUAL

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CASE IH AGRICULTURE

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Calculating the Minimum Towing Vehicle Weight for Safe Transport

1. Add the weight of all the towed equipment together. If you are transporting a tillage unit which is connected to an air cart, add the two weights together.

NOTE: *The following table is only an example of towed equipment weights. Refer to the Specifications Section page* ***7-5*** *for the weight of the implement. Refer to your air cart Operator's Manual for air cart weights.*

Towed equipment	Example
380 Bushel air cart - (Full wheat @ **48 ft³** per **1 Bu**)	**14100 kg** (**31100 lb**)
17.4 m (**57 ft**) 59 ft Precision tillage - **7.2 in** spacing, **550 lb** trips, dual endmarkers, and mounted packers	**13855 kg** (**30545 lb**) (approximate)
Total combined weight	**27955 kg** (**61645 lb**)

Divide the total combined weight of the towed equipment by 1.5 to determine the minimum towing vehicle weight required for safe transport.

NOTE: *If the towing vehicle's weight is not greater than the minimum vehicle weight required, you must transport the seeding tool and the air cart separately.*

2. Divide the total combined weight of the towed equipment by 1.5 to determine the minimum towing vehicle weight required for safe transport.

Example: **27955 kg** (**61645 lb**) divided by 1.5 = **18636 kg** (**41097 lb**) = minimum towing vehicle weight required for safe transport

3. Refer to the towing vehicle Operator's Manual to determine if its weight is greater than the minimum vehicle weight required.

   NOTE: *If the towing vehicle's weight is not greater than the minimum vehicle weight required, you must do one of the following:*

- Transport the tillage unit and the air cart separately.
- If you are transporting a tow behind air cart, transport with the air cart empty.

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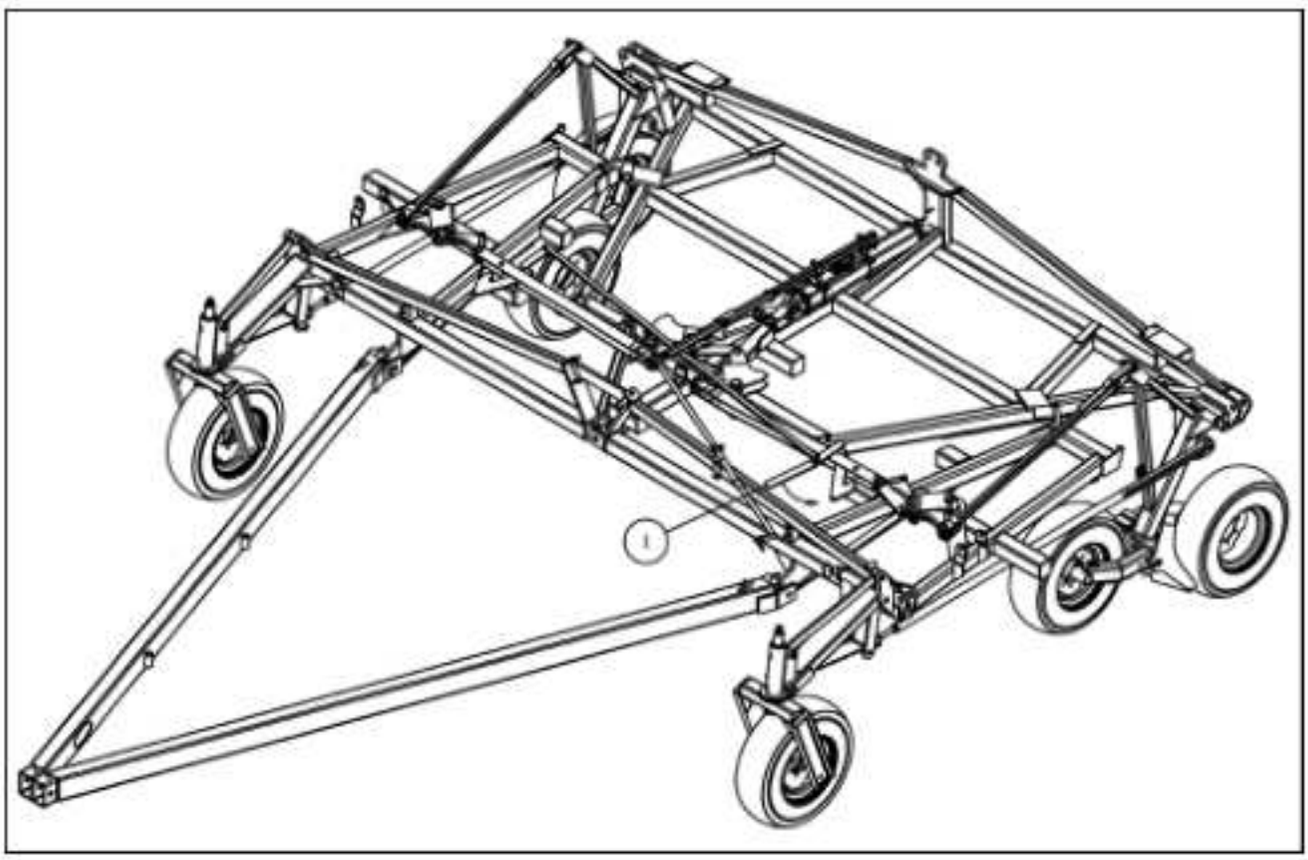
Depth control safety lock

The depth cylinder safety lock **(1)** is latched and unlatched by rotating a lever located on the front of the center section.

1. Raise the implement to the maximum height using the depth control hydraulics.
2. Rotate lever counterclockwise to engage the depth control safety lock.

NOTE: *Be sure the machine weight is supported on the depth cylinder during transport.*

NOTICE: *Be sure the safety lock is engaged when working under the machine (e.g., when changing sweeps).*



Depth control safety lock (Shown in the unlatched position)

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Every 200 hours

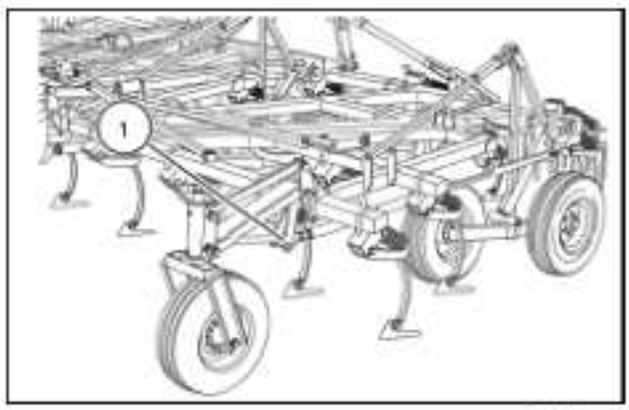
Depth control assembly

Semi-annual maintenance (Every 200 Hours)

Perform all daily and weekly maintenance items.

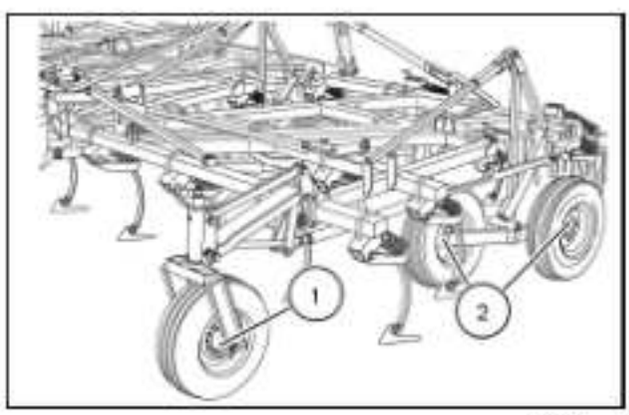
Grease the depth adjustor linkage **(1)**. There is one grease location per linkage.

- 3-section machines have four depth adjustor linkage locations.
- 5-section machines have six depth adjustor linkage locations.



Wheel bearings

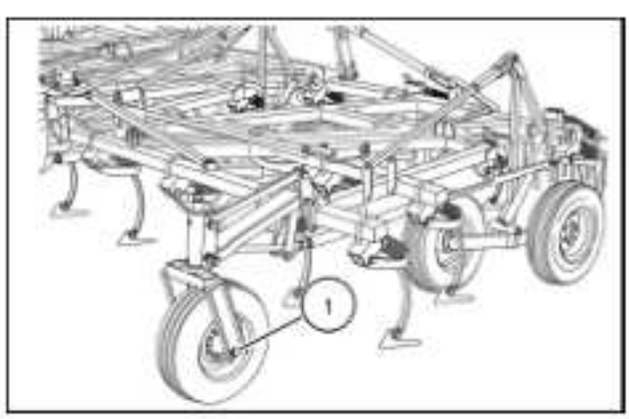
Grease the wheel bearings **(1)** and **(2)**, and inspect for looseness.



Caster wheel

To adjust the caster wheel bearing **(1)**:

- Loosen the jamnut and adjust the regular nut to tighten or loosen the wing bearing. The wheel should turn freely after adjusting.
- Re-tighten the jamnut and lock the mounting bolts.



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(1) on hitch

CAUTION
Wing operation to be done at standstill on level ground with depth control fully raised.
Regulate oil flow so that:
- outer wings are completely folded before folding inner wings.
- inner wings are completely unfolded before unfolding outer wings.
Failure to follow these guidelines may cause structural failure resulting in personal injury.
Quantity: 1
English: NW-500.03
Russian: NW-500.03RU



NW5000 2

(2) on hitch

WARNING
Implement Control Hazard
1. Do not tow at speeds over 32km/h (20mph).
2. The towing vehicle must weigh at least 2/3 the weight of this implement. Refer to the Operator's Manual for more information.
Failure to follow these instructions could result in serious injury or death.
Quantity: 1
English: 23260
Russian: 23260RU



23260 3

(3) on hitch

CAUTION
Escaping fluid hazard
Escaping hydraulic fluid under pressure can penetrate the skin causing serious injury. Relieve pressure before disconnecting hydraulic lines. Check / Tighten all connections BEFORE applying pressure. Us a piece or cardboard or paper to search for leaks. Do not use your hand.
IF ANY fluid is injected into the skin, it must be surgically removed within a few hours or GANGRENE MAY RESULT. Failure to follow these instructions could result in minor to moderate injury.
Quantity: 1
English: GD-500.77
GD-500.77RU



GD5077 4

(4) on front bar of center section

CAUTION
Proceed cautiously under overhead utility lines and around utility poles.
Failure to follow these instructions could result in minor to moderate injury.
Quantity: 1
English: TC-500.10
Russian: TC-500.10RU



TC50010 5

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