3152
3162

Draper Header

OPERATOR'S MANUAL

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CASE IH AGRICULTURE

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Every 50 hours

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Every 600 hours or annually

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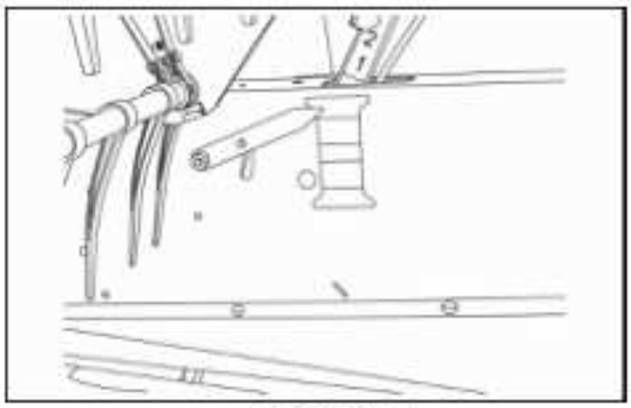
Automatic Header Height Control (AHHC) - Flex headers

The flexible header is equipped with an Automatic Header Height Control (AHHC) system.

The system will sense changes in ground contour across the width of the cutterbar and also changes in ground contour fore/aft as the combine moves forward.

The header will raise and lower automatically to follow the contour of the ground.

NOTE: *The AHHC will only operate when the operator is seated and the feeder drive is engaged. Refer to the combine operator's manual.*



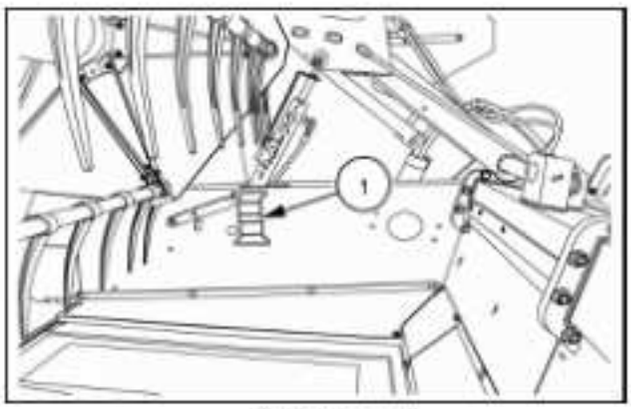
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Header height indicator

The flexible cutterbar has a total float range of approximately **152 mm** (**6.0 in**). A height indicator scale **(1)** is located on the inside of the left and right end sheets.

During operation the divider will indicate the header height and position of the cutterbar within the float range. The position of the divider will change when the header operating height is adjusted with the AHHC knob.

For most operating conditions, set the height so the pointer is in line with the center black mark on the scale. When operated in this position the flexible cutterbar will have **76.2 mm** (**3 in**) of upward float to ride over high spots in the field and **76.2 mm** (**3 in**) of downward float to ride down into low spots in the field. The combine AHHC system will adjust the header height to maintain the selected position as the cutterbar floats up and down during field operation.



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Field operation

- For soft or moist soil conditions the header indicator can be set at a lower position on the scale. Operating the header at a lower position will reduce cutterbar ground pressure.
- Ground pressure can be increased or decreased by adjusting the flotation spring tension.

Ground pressure too high:

- If the cutterbar skids are pushing dirt and trash, the ground pressure is too high.
- Spring tension should be increased to provide more lift to the cutterbar.

Ground pressure too low:

- If the cutterbar rides up over stubble, bounces excessively, or will not float down in low spots, the ground pressure is too low.
- Spring tension should be decreased to provide less lift to the cutterbar.

Be sure to differentiate between cutterbar flotation and combine AHHC performance.

Check cutterbar with combine stopped and stationary to see if cutterbar returns to lowest position.

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MAINTENANCE CHART

Maintenance chart

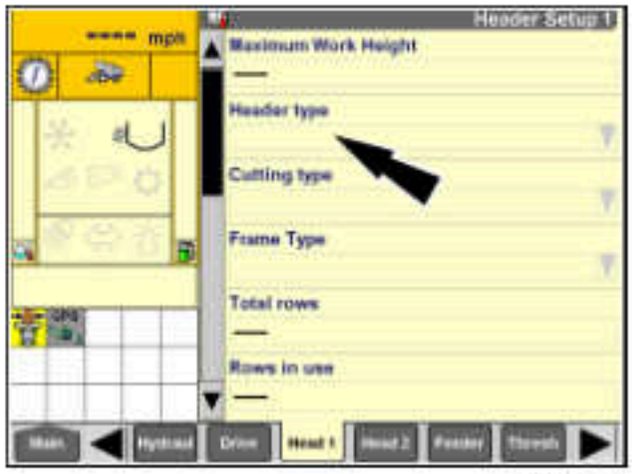
Maintenance action	Grease / Adjust / Check	Replace / Change fluid	Page no.
Every 10 hours or daily			
Reel drive chain	Check		6-24
Hydraulic reservoir fluid level - Main	Check		6-25
Hydraulic reservoir fluid level – Expansion	Check		6-26
Knife drive	Check		6-27
Draper belt tension and tracking	Adjust		6-28
Every 25 hours			
Grease fittings	Grease		6-30
After the first 50 hours of operation			
Grease fittings	Grease		6-32
Hydraulic filter		Change fluid	6-35
Gearbox		Change fluid	6-36
Knife drive		Change fluid	6-37
Auger drive chain case		Change fluid	6-38
Transport wheel torque	Check		6-39
Transport wheel torque	Adjust		6-40
Every 50 hours			
Grease fittings	Grease		6-41
Auger drive chain case	Check		6-43
Gearbox	Check		6-44
Knife drive	Check		6-44
Every 600 hours or annually			
Auger drive chain case		Change fluid	6-46
Hydraulic reservoir fluid level – Main		Change fluid	6-47
Hydraulic reservoir fluid level – Expansion		Change fluid	6-48
Hydraulic filter		Change fluid	6-49
Hydraulic pump drive		Change fluid	6-50
Knife drive		Change fluid	6-51

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PTO Drive	Free Motion PTO.
Knife	
Type	Over serrated knife
Speed	630 cycles/min (1260 cuts/min)
Drive	Hydraulic powered gearbox with counter stroking dual knife
Reel	
Drive	Hydraulically
Speed Adjustment	Electrically controlled from the combine
Speed Range	Variable from **0 - 60 RPM**
Diameter	**1070 mm (42.1 in)**
Horizontal stroke	**578 mm (23 in)**
Vertical stroke	**201 mm (8 in)**
Header recognition sensor	standard
Maximum lift height (header bottom to the center of the reel)	**1845 mm (72.6 in)**
Bars	6
Auger	
Tube diameter	**406 mm (16.0 in)**
Flighting height	**127 mm (5 in)**
Speed range	
With 43-tooth sprocket	**147 RPM**
Protection	Slip clutch on PTO. shaft
Slip clutch set at:	**737 N·m (544 lb ft)**
Drive	Chain drive from main shaft
Fingers (number fitted)	21
Weight	
25 ft	**2364 kg (5212 lb)**
30 ft	**2837 kg (6255 lb)**
35 ft	**3742 kg (8250 lb)**
40 ft	**3955 kg (8720 lb)**
45 ft	**4626 kg (10200 lb)**

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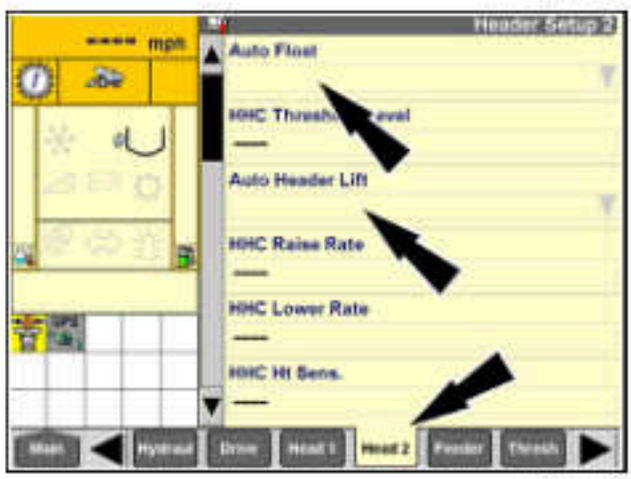
3. Select Header Type. A pop-up window will appear, select Draper/Varifeed.



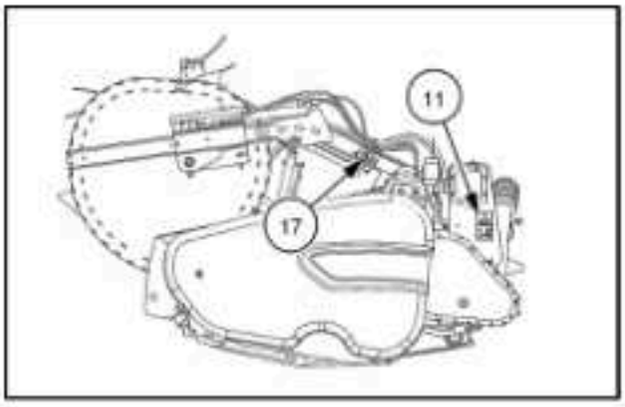
4. Select Header Subtype. A pop-up window will appear; select 3000.
5. Select Cutting Type. A pop-up window will appear, select Platform.
6. Select Frame Type. A pop-up window will appear, select Flex or Rigid depending on operation/header type.
7. Select Head Center Offset. A numeric keypad will pop-up. Enter 0 for the offset of the header centerline towards combine centerline.



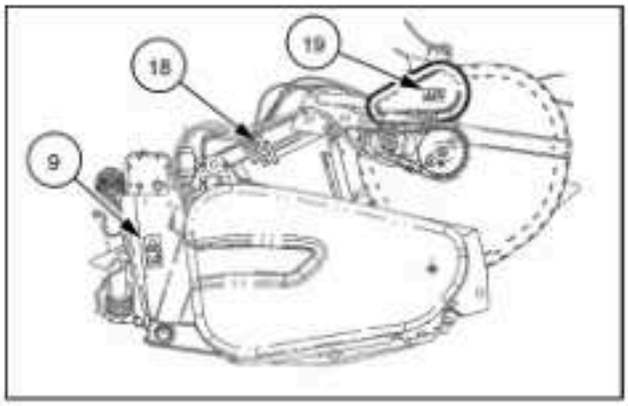
8. Select the Head 2 tab.
9. Select Header pressure Float. A pop-up window will allow setting the Header Height Control (HHC) pressure compensation mode to Installed or Not Installed. Select installed.
10. Select Auto Header Lift. Auto header lift will automatically lift the header when the combine is driving backwards. A pop-up window will appear, select Yes (installed).



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Left - hand side



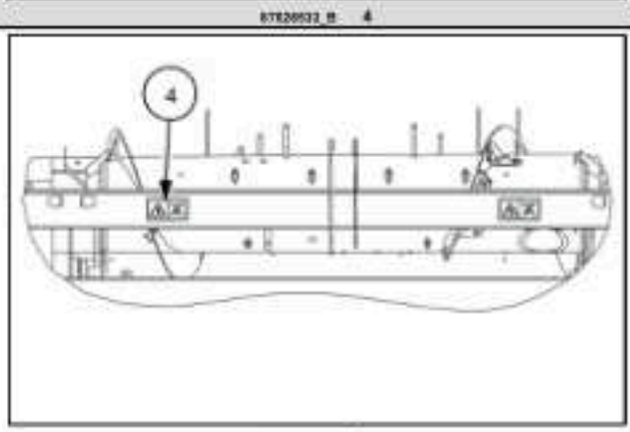
Right - hand side

WARNING
Slippery surface.
Do not use this area as a step or platform.
Failure to comply could result in death or serious injury.

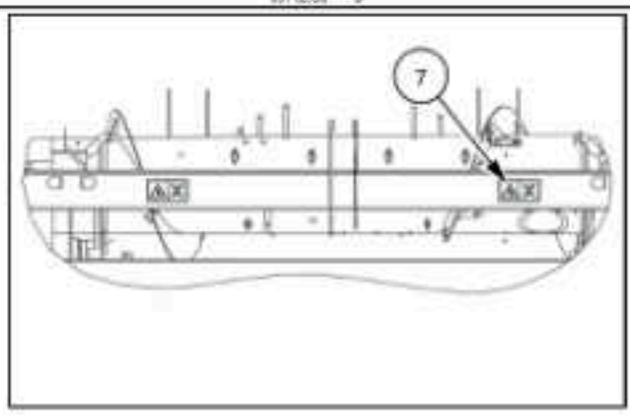
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(4) Left-Hand (LH) side of feeder opening on the top rail.



(7) Right-Hand (RH) side of feeder opening on the top rail.



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