TerraFlex™ 3020
Auger Header

OPERATOR'S MANUAL

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CASE IH AGRICULTURE

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4 - WORKING OPERATIONS

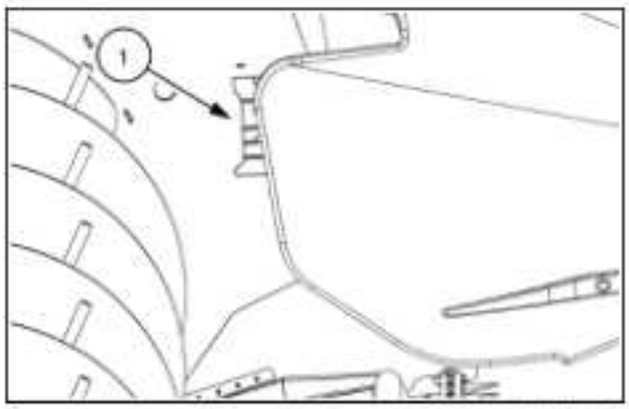
GENERAL INFORMATION

Overview

Automatic Header Height Control (AHHC)

The flexible header is equipped with an automatic header height control 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 Automatic Header Height Control (AHHC) will only operate when the operator is seated and the feeder drive is engaged. See combine operator's manual.*



Header height indicator

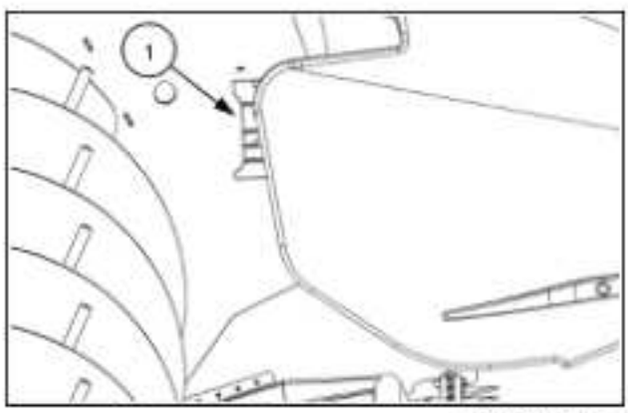
The flexible cutterbar has a total float range of **152 mm** (**6.0 in**). A height indicator scale **(1)** is located on the inside of the left and right end sheets. During operation the divider will indicated the header height and position of the cutterbar within the float range. The position of the divider will change when the header operating height is adjusted with the automatic header height control knob.

For most operating conditions, set the height so the divider 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 automatic header height control system will adjust the header height to maintain the selected position as the cutterbar floats up and down during field operation.

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.



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Every 50 hours

Grease points

⚠DANGER

Crushing hazard!
Always do the following before entering the area below the header: Disengage the threshing mechanism, lift the header to its maximum height, apply the parking brake, and stop the engine. Place the header safety latch over the cylinder rod.
Failure to comply will result in death or serious injury.

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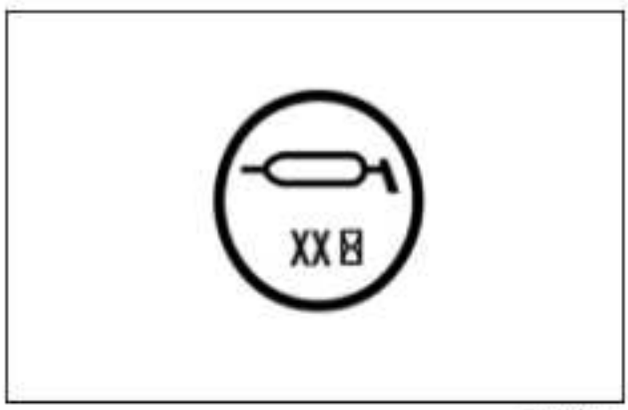
Before greasing always wipe any dirt from the grease fittings.

All points except those with special notations should be lubricated until the grease is forced out around the bearings, and then excess grease should be wiped off.

Use **MULTI-PURPOSE GREASE EXTREME PRESSURE AND ANTI-WEAR NLGI 2** or grease classified under NLGI 2.

Grease Zerks

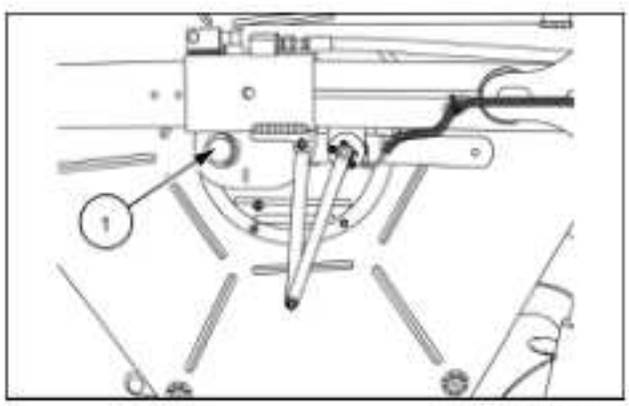
1. All grease fittings on machine are indicated with a grease decal on which time interval "XX" is indicated.



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Left-hand side

Reel bearing **(1)**.



2

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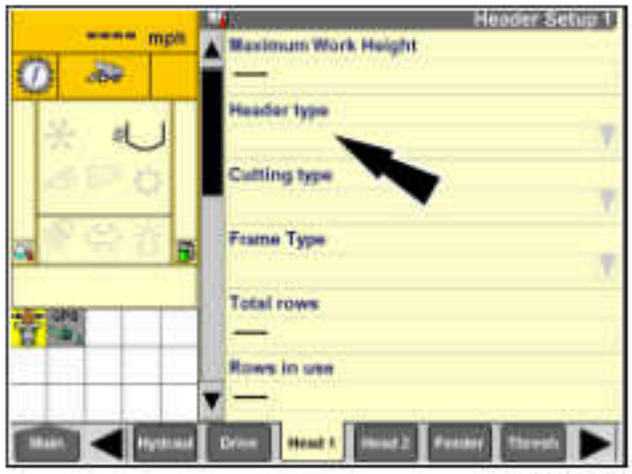
TECHNICAL DATA

PTO Drive	Free Motion PTO.
Knife	
Type	Over serrated knife
Speed	575 cycles/min (1150 cuts/min)
Drive	1HC belt from main header shaft to wobble box
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	**400 mm (15.7 in)**
Vertical stroke	**380 mm (15.0 in)**
Reel position sensors	standard
Header recognition sensor	standard
Maximum lift height (header bottom to the center of the reel)	**1845 mm (72.6 in)**
Bars	6
Tines/bars	**1 ft** cutting width
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:	**800 Nm (590 lb ft)**
Drive	Chain drive from main shaft
Tines (number fitted)	43
Weight — Single Drive (*)	
20 ft	**1750 kg (3859 lb)**
25 ft	**2188 kg (4824 lb)**
30 ft	**2626 kg (5789 lb)**
35 ft	**3070 kg (6754 lb)**
Weight — Double Drive (*)	
30 ft	**2930 kg (6460 lb)**
35 ft	**3380 kg (7452 lb)**

***NOTE:** (*): without dividers or crop lifters.*

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3. Select Header Type. A pop-up window will appear, select grain.
4. Select Cutting Type. A pop-up window will appear, select Platform.
5. Select Frame Type. A pop-up window will appear, select Flex head.

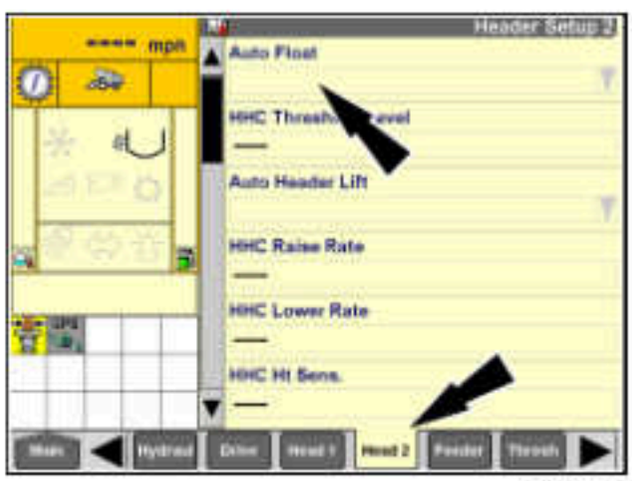


NOTE: *If using rigid AHHC when cutting with the cutterbar locked up, select Rigid.*

6. Select Head Center Offset. A numeric keypad will pop-up. Enter 0 for the offset of the header centerline towards combine centerline.



7. Select the Head 2 tab.
8. Select Header pressure Float. A pop-up window will allow setting the HHC pressure compensation mode to Installed or Not Installed.
   Select installed.



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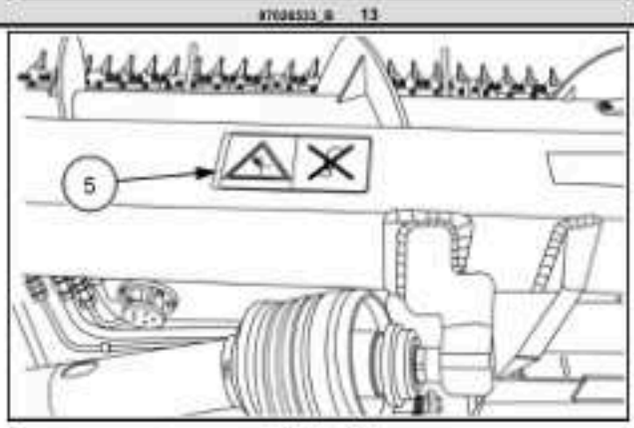
WARNING
Slippery surface.
Do not use this area as a step or platform.
Failure to comply could result in death or serious injury.

Quantity: 2
87026533



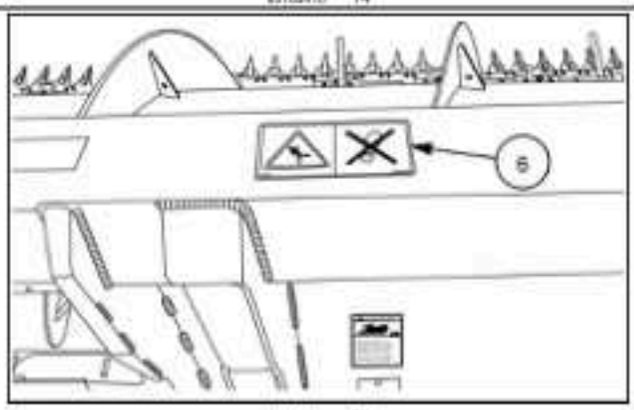
87026533_B 13

(5) Left-hand side of the feeder opening, on the top beam.



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(6) Right-hand side of the feeder opening, on the top beam.



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