2020

Flex Grain Header

from PIN YCZL60168 and above

OPERATOR'S MANUAL

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CASE IH AGRICULTURE

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Contents

1 GENERAL INFORMATION

Note to the owner 1-1
Electro-Magnetic Compatibility (EMC) 1-2
Ecology and the environment 1-3
Manual scope 1-4
Intended use 1-6
Product identification 1-7
Product overview 1-8

2 SAFETY INFORMATION

Signal word definitions 2-1
Safety rules - Personal safety 2-2
Illustrations 2-3
Do Not Operate hang tag 2-4
Safety signs 2-5
Maintenance Safety 2-8

3 TRANSPORT OPERATIONS

ROAD TRANSPORT

Road travel 3-1

4 WORKING OPERATIONS

GENERAL INFORMATION

Overview 4-1
Automatic Header Height Control (AHHC) 4-2
Header sensitivity 4-3
Reel position 4-4
Reel arm leveling and height adjustment 4-5
Tine pitch adjustment 4-6
Reel tines 4-6
Auger - Adjust 4-7
Auger height 4-8
Auger fingers 4-9
Stripper 4-9
Auger speed adjustment 4-10
Crop dividers 4-11
Flotation adjustment 4-12
Adjustments 4-12
Reel tines 4-13
Adjustments 4-13
Knife drive - Protection 4-13

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5 MAINTENANCE

GENERAL INFORMATION

Lubrication 5-1
Every 50 hours 5-2
Every 250 hours or annually 5-2
Grease fittings 5-3
Roller chains 5-6
Lubrication schedule 5-6
Maintenance 5-7
Daily maintenance 5-7
Preseason service 5-7
End of season service 5-8
Knife drive - Belts 5-9
Header drive belt adjustment 5-10
Overview Chains and sprockets 5-11
Drive chain adjustment 5-11
Drive chain tension check 5-11
Rigid to flex cutter bar 5-12
Flex to rigid cutter bar 5-13
Cutter bar 5-15
Knife Maintenance 5-15
Knife head 5-15
Knife and bolt inspection 5-16
Knife replacement 5-17
Knife replacement 5-17
Knife head 5-18
Guard alignment 5-19
Stub guard knife assembly 5-20
Knife hold-down clips 5-22
Sickle guards 5-22
Stub guard knife assembly 5-24
Knife arm 5-25
Overlap control setup 5-26
Adjustments 5-26
Auger fingers 5-27
Reel tines 5-27
Tine bars - Bushings 5-28
PTO slip clutch 5-28

MAINTENANCE CHART

Maintenance schedule 5-29

6 TROUBLESHOOTING

SYMPTOM(S)

Grain loss at cuterbar 6-1
Cutting 6-2

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7 SPECIFICATIONS

Machine specifications 7-1

8 ACCESSORIES

General accessories 8-1
Reel 8-1
Auger sweeper kit 8-2
Auger paddles 8-2
Wear plate 8-2
Reel tines 8-3
Autofloat kit 8-3

9 FORMS AND DECLARATIONS

Delivery report - Owner Copy 9-3
Delivery report - Dealer Copy 9-5

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4 - WORKING OPERATIONS

GENERAL INFORMATION

Overview

⚠WARNING

Avoid injury! Always do the following before lubricating, maintaining, or servicing the machine.

1. **Disengage all drives.**
2. **Engage parking brake.**
3. **Lower all attachments to the ground, or raise and engage all safety locks.**
4. **Shut off engine.**
5. **Remove key from key switch.**
6. **Switch off battery key, if installed.**
7. **Wait for all machine movement to stop.**

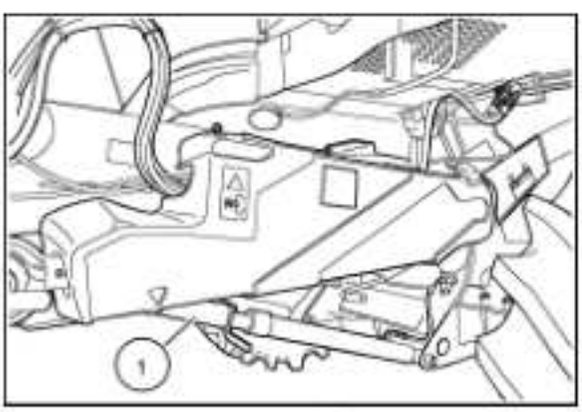
Failure to comply could result in death or serious injury.

W0047A

After the head has been properly assembled and all adjustment, maintenance, and lubrication items have been performed, the head is ready for field operation.

- The controls for head drive, head height, reel height, reel fore and aft, and reel speed are all located on the combine operator's platform. Refer to the combine operator's manual for control location and operation.
- Auger and reel adjustments should be made as detailed in this manual to suit crop conditions.
- Regardless of conditions, field loss can be kept to a minimum by good operating habits and careful adjustments. Be sure the head is adjusted properly to handle the crop and conditions before making final adjustments to the combine. A poorly adjusted head will lead to poor combine performance and increased crop loss.
- Correct ground speed is primarily determined by crop condition, yield, and operator's knowledge and experience.
- If harvest problems are encountered that cannot be solved by normal adjustments, a variety of optional equipment is available to help overcome these problems.
- For a complete list of options, see the "Optional Equipment" section of this manual (see page **8-1**).
- When operating with the long divider, always raise the head off the ground to turn a corner. This will protect the long dividers from damage.

NOTICE: *If operating with the optional head height control, always raise the head so that the protection plates clear the ground before operating the combine in reverse. Damage to the head may occur if this is not done.*



S0032011 1

NOTICE: *The cutter bar should not be operated in the locked position when operating the head on the ground.*

NOTICE: *Do not operate with the cutter bar unlocked above the head height control operating range.*

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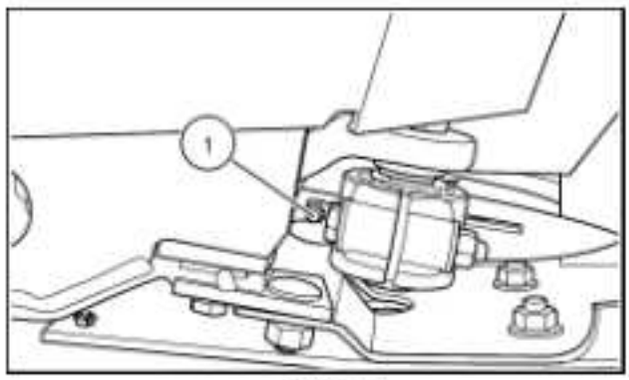
Grease fittings

Grease fittings

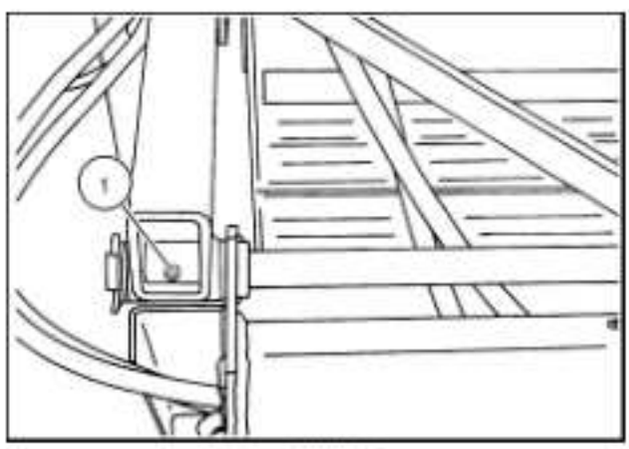
Use a grease gun containing a lithium base **EP** high temperature grease on all fittings. **CASE IH AKCELA PREMIUM GREASE EP-2** is recommended. Wipe all dirt from the fittings and grease gun nozzle. Wipe excess grease from the fittings after greasing. Review all the lubrication points and the recommended hour levels.

There are many other locations on the header that have some movement, but do not have grease fittings and are not listed in the lubrication chart, found on page **Feeder drive system - Maintenance Chart**. It would prolong the life of some parts if they were lubricated with oil or greased periodically.

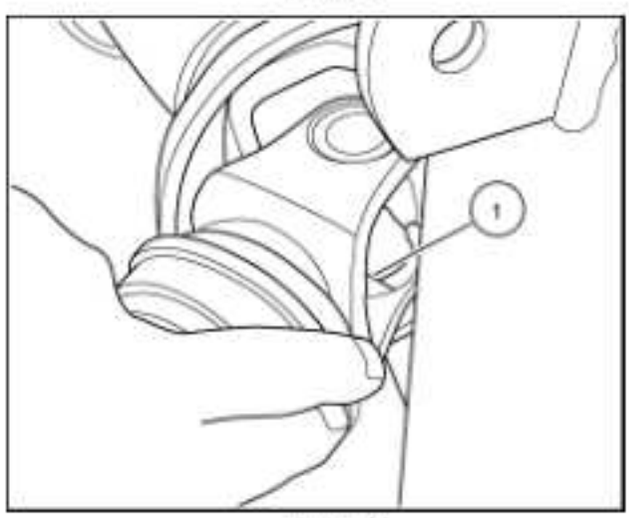
Knife head bushing **(1)**.



Reel pivot arm **(1)**.



Drive shaft inner u-joint **(1)**.



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7 - SPECIFICATIONS

Machine specifications

DIMENSIONS	HEAD SIZE			
	6.1 m (20 ft)	7.6 m (25 ft)	9.2 m (30 ft)	10.7 m (35 ft)
Width-overall	6.59 m (21 ft 6 in)	8.07 m (25 ft 6 in)	96.59 m (31 ft 6 in)	11.28 m (37 ft)
Width-crop gathering	6.10 m (20 ft)	7.60 m (25 ft)	9.14 m (30 ft)	10.82 m (35 ft 6 in)
Width-crop cutting	5.95 m (19 ft 6 in)	7.47 m (24 ft 6 in)	8.99 m (29 ft 6 in)	10.668 m (35 ft)
Length-without dividers	2.03 m (6 ft 8 in)	2.03 m (6 ft 8 in)	2.03 m (6 ft 8 in)	2.03 m (6 ft 8 in)
Length-with short dividers	2.77 m (9 ft 1 in)	2.77 m (9 ft 1 in)	2.77 m (9 ft 1 in)	2.77 m (9 ft 1 in)
Length-with long dividers	3.39 m (11 ft 2 in)	3.39 m (11 ft 2 in)	3.39 m (11 ft 2 in)	3.39 m (11 ft 2 in)
Height (less reel)	1.28 m (4 ft 3 in)	1.28 m (4 ft 3 in)	1.28 m (4 ft 3 in)	1.28 m (4 ft 3 in)
Cutting height with head on ground	32 mm (1-1/4 in)	32 mm (1-1/4 in)	32 mm (1-1/4 in)	32 mm (1-1/4 in)
Minimum (below ground)	406 mm (16 in)	406 mm (16 in)	406 mm (16 in)	406 mm (16 in)
Maximum	1270 mm (50 in)	1270 mm (50 in)	1270 mm (50 in)	1270 mm (50 in)
Weight without reel				
Approximate (includes Terrain Tracer)	1380 kg (3035 lb)	1659 kg (3635 lb)	2105 kg (4630 lb)	2694.3 kg (5940 lb)
Knife drive				
Number of drives	Double	Double	Double	Double
Belt type	v-belt	v-belt	v-belt	v-belt
Drive mechanism	wobble box-sealed in oil bath			
Knife speed	560 CPM(1120 spm) (left side) 575 CPM(1150 spm) (right side)			
Cutter bar				
Flexible cutter bar style	integral to header frame			
Flexible cutter bar vertical float range	114 mm (4-1/2 in)			
Knife sections (bolted)	optional			
Knife guards	forged steel - heat treated			
Knife stroke	76 mm (3 in)			

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