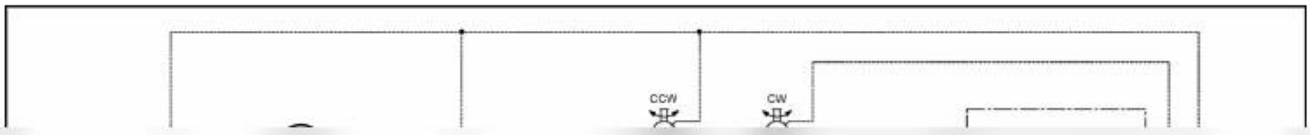
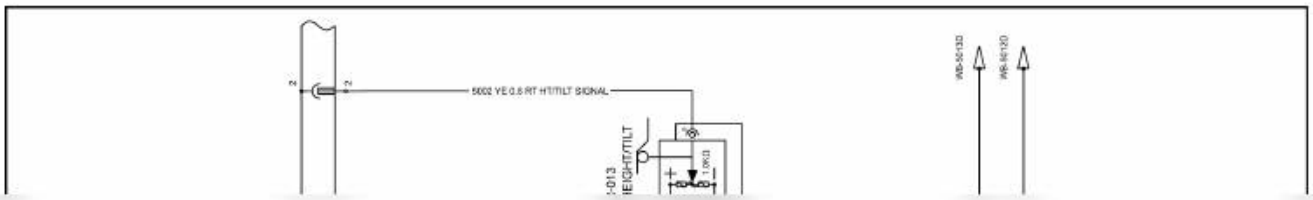
Hydraulic systems - Hydraulic schematic frame 01



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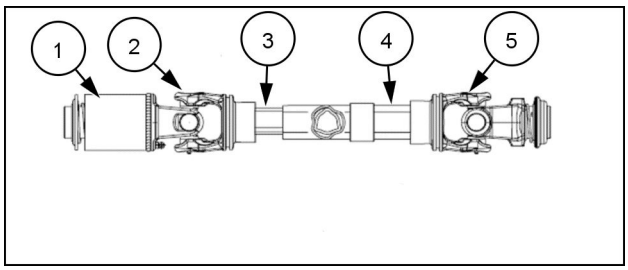


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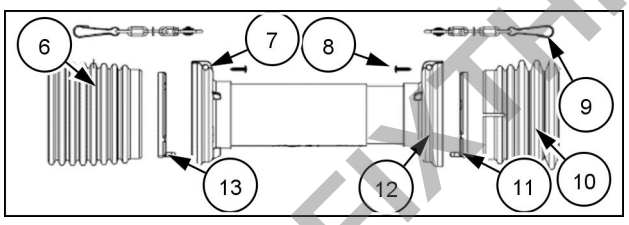
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Power Take-Off (PTO) shaft - Exploded view



NHIL12GH02308AA 1

Reference	Description	Quantity
(1)	Clutch	1
(2)	Yoke	1
(3)	Tube, Inner	1
(4)	Tube, Outer	1
(5)	Yoke	1



NHIL12GH02309AA 2

Reference	Description	Quantity
(6)	Shield	1
(7)	Shield, Outer	1
(8)	Screw, Tapping	6
(9)	Chain	2
(10)	Shield	1
(11)	Bearing	1
(12)	Shield, Inner	1
(13)	Shield	1

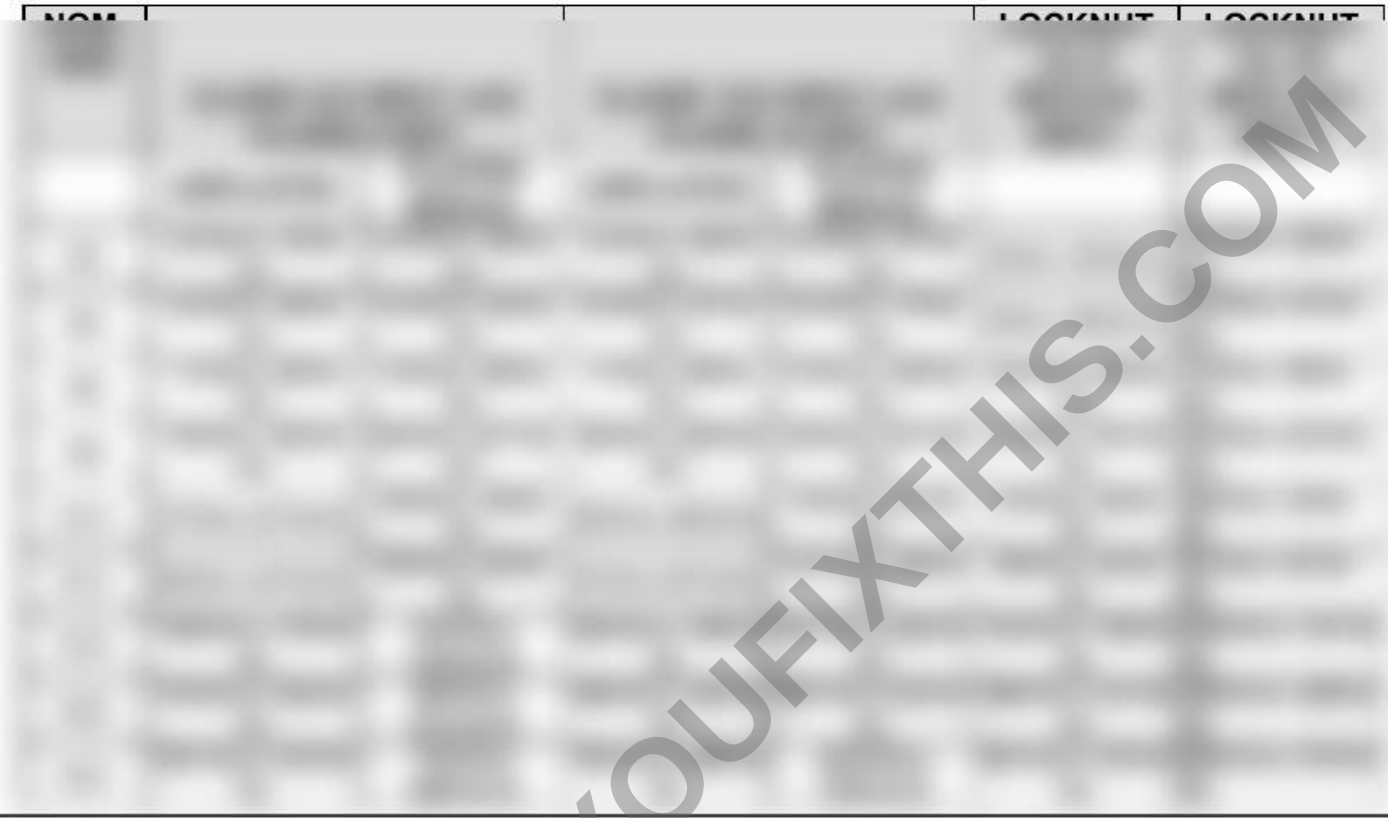
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Torque - Minimum tightening torques for normal assembly

800C Grain Header	

METRIC NON-FLANGED HARDWARE



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Cylinders - Remove - Reel lift

⚠ 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.

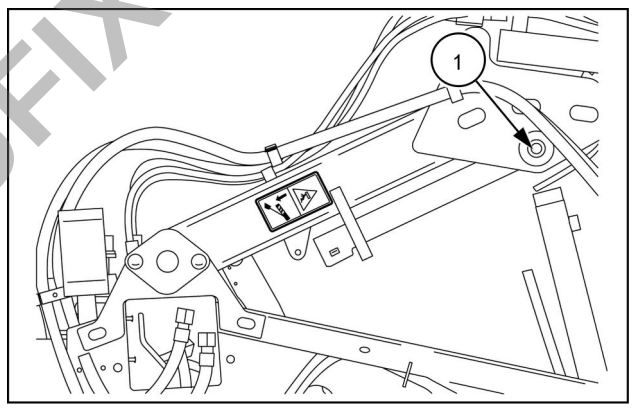
W0047A

1. Use suitable stands to support the reel or remove it, refer to **Attachment/Header reel - Remove – Single reel (58.101)** .

NOTE: *The reel should be supported high enough to give adequate clearance to remove the cylinders.*

2. Use a suitable container to catch any lost hydraulic fluid. Remove the hoses from each vertical cylinder. Cap and plug all ports and hoses.
3. Remove the upper cylinder mount bolt **(1)**.

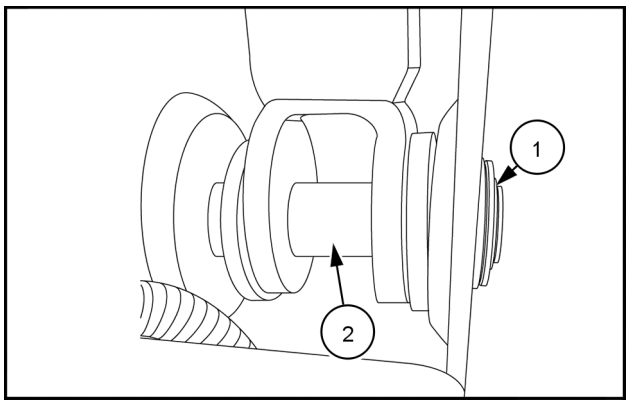
NOTE: *This bolt also connects the lift cylinder lock out.*



83112568 1

4. Remove the circlip **(1)** and remove the mount pin **(2)**.

NOTE: *Take note to the order of washers and shims for reassembly.*



NHIL12GH00257AA 2

5. Remove the cylinder.

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Hydraulic systems - Problem solving

OPERATION

Problems associated with the function of this header are often caused by improper adjustments. The following suggested corrections are shown to familiarize you with the adjustments that can be made to correct common difficulties.

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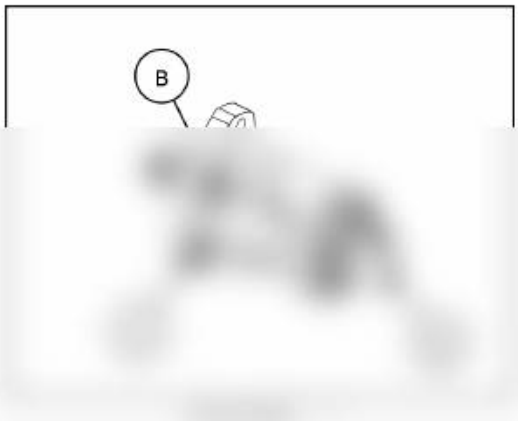
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INTRODUCTION

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Hydraulic systems - General specification of the feed draper motor

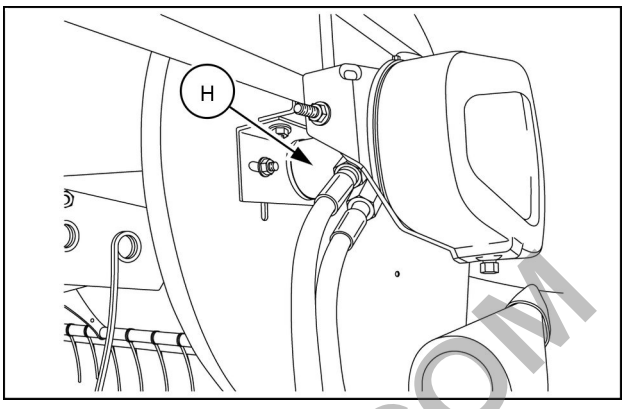


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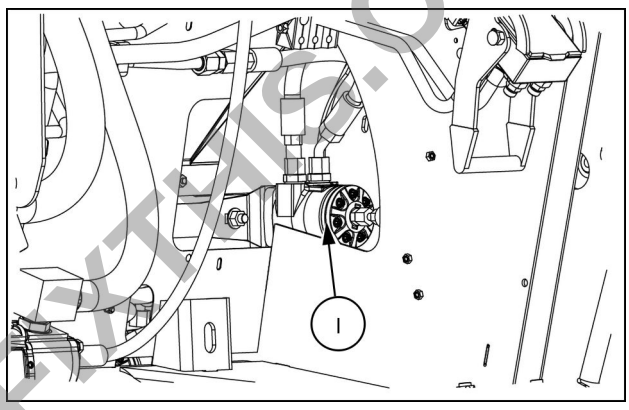
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(H) Reel drive motor



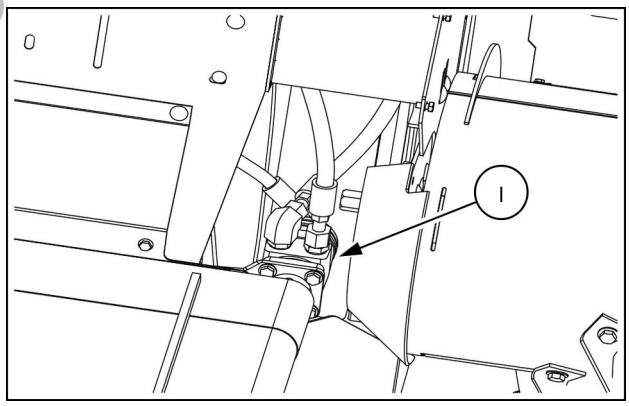
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(I) LH feed draper motor



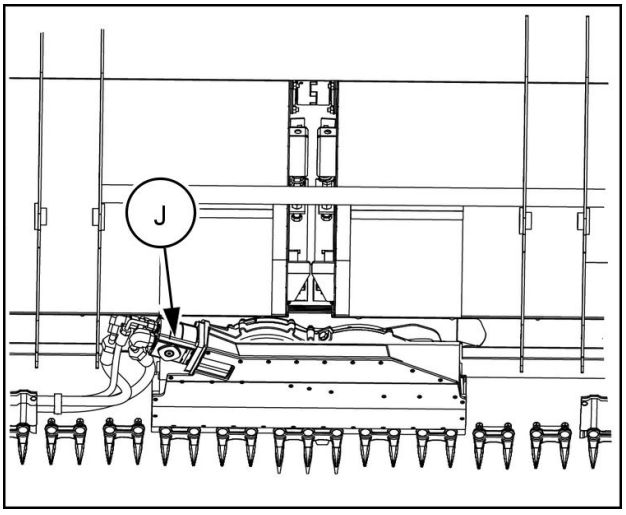
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(I) RH feed draper motor



NHIL14GH00313AA 8

(J) Knife drive motor (front of header)



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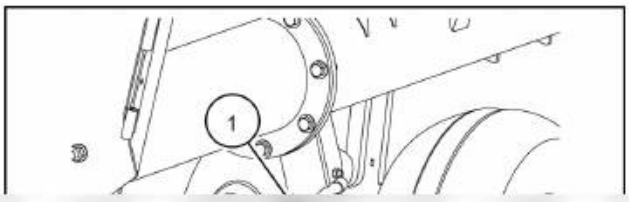
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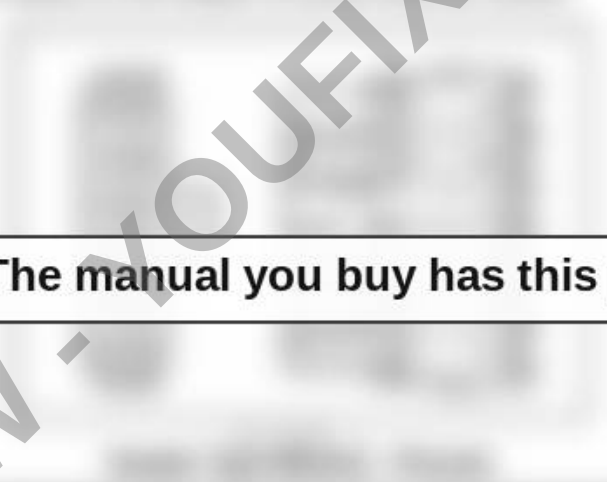
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Header feeding sensor Header type module - Overview

Headers used on combines may be equipped with a Header type module, which is used to identify the header type to the combine. This allows the operator to store configuration information in memory that may be recalled when a header is attached. The Header type module contains three different resistors that are connected between four of the six pins on the module connector.



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Sickle cutterbar - Replace knife guard

⚠ 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.

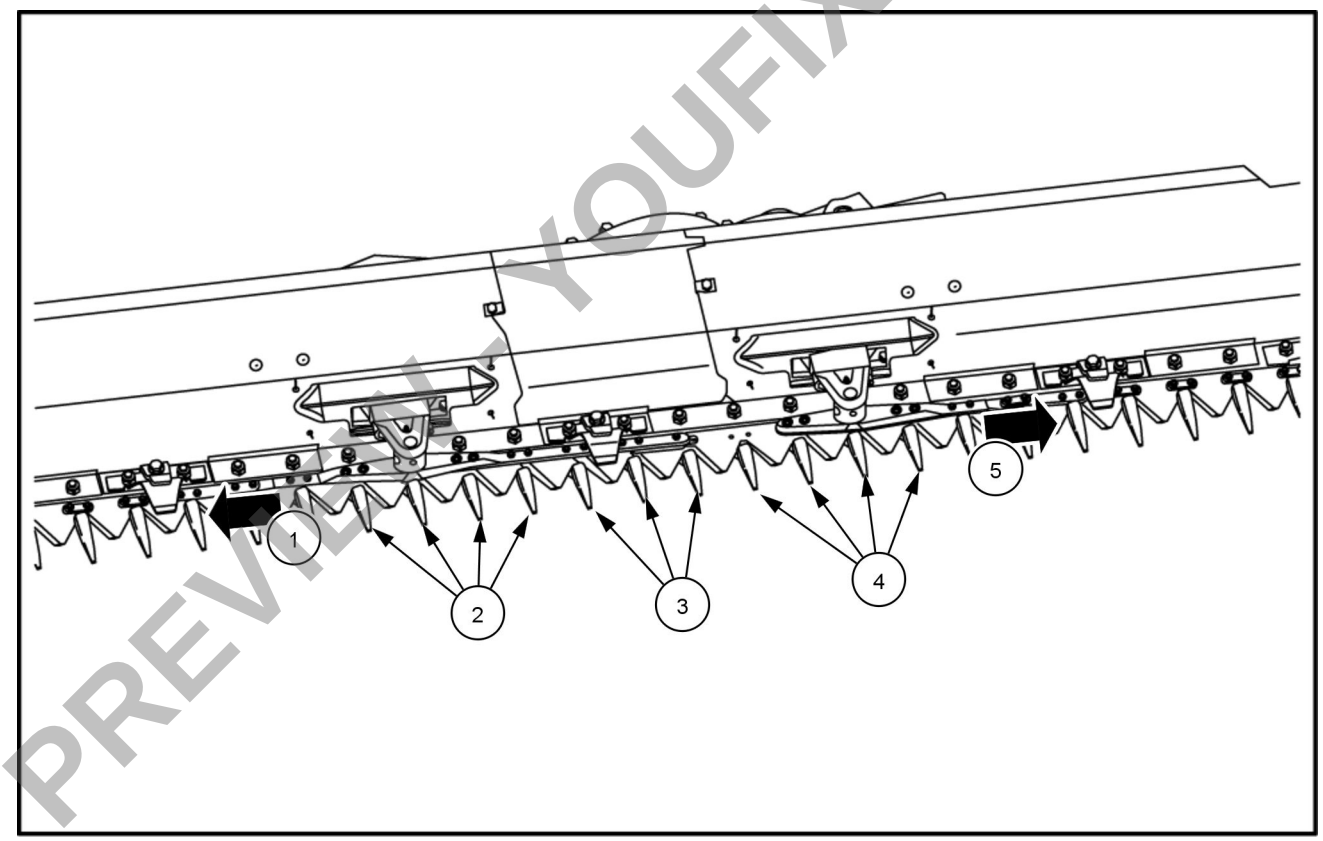
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⚠ WARNING

Knife hazard!
Use care handling sharp components. Always wear appropriate Personal Protective Equipment (PPE), including heavy gloves.
Failure to comply could result in death or serious injury.

W0274A

1. Use the following guide to determine the proper knife guard and shim location.



NHIL12GH00276AA 1

Knife guard location guide

(1) Standard guard
(2) Cutback guard
(3) Triple guard with triple shim
(4) Cutback guard with shim
(5) Standard guard with shim

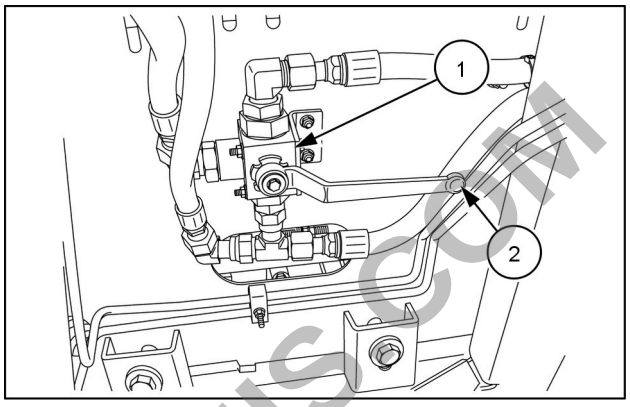
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Feed auger Upper cross auger - Install – Right-hand auger

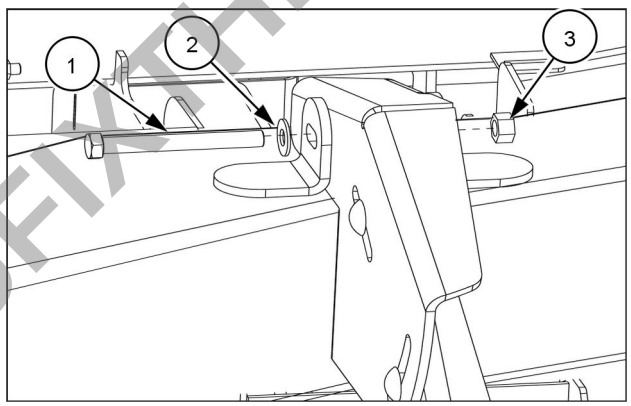
Prior operation:
Feed auger Upper cross auger - Install – Center auger (58.120)

1. Turn off hydraulic power to the augers by closing valve **(1)**.
2. Turn handle **(2)** towards feeder until handle is up and down.



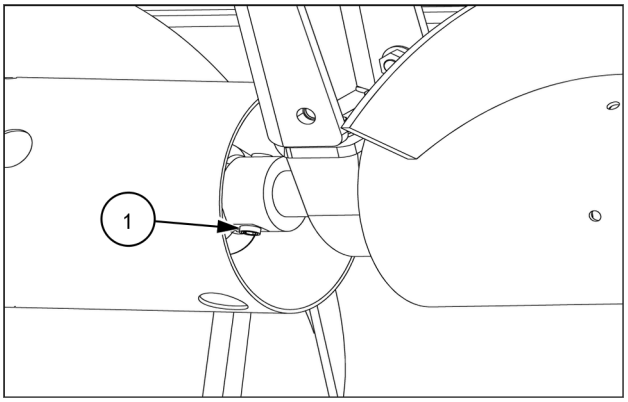
83117563 1

3. Install bolt **(1)**, washer **(2)** , and nut **(3)** to support.



23118567 2

4. Attach lifting belts or chains **(1)** rated for the weight being lifted, to the center of the auger and attach a lifting device.
5. Remove all slack from the belts or hooks using lifting device, to support the removal of the auger.
6. Position auger over the drive shaft and slide into place.
7. Install coiled pin **(1)** to auger.



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Draper belt - Install - Side draper frame

⚠ 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.

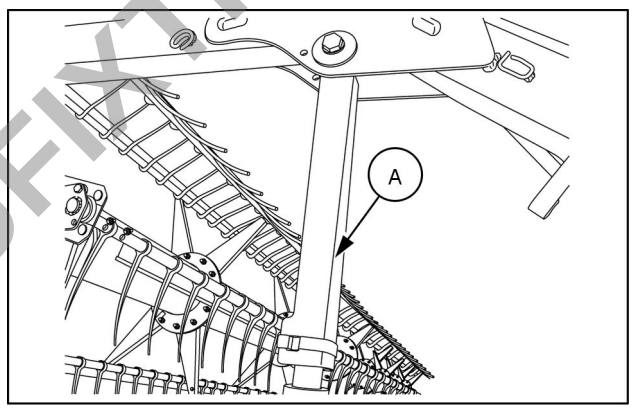
W0047A

⚠ WARNING

Heavy objects!
Lift and handle all heavy components using lifting equipment with adequate capacity. Always support units or parts with suitable slings or hooks. Make sure the work area is clear of all bystanders.
Failure to comply could result in death or serious injury.

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1. Lower the header, raise the reel, and engage the lift locks **(A)**.

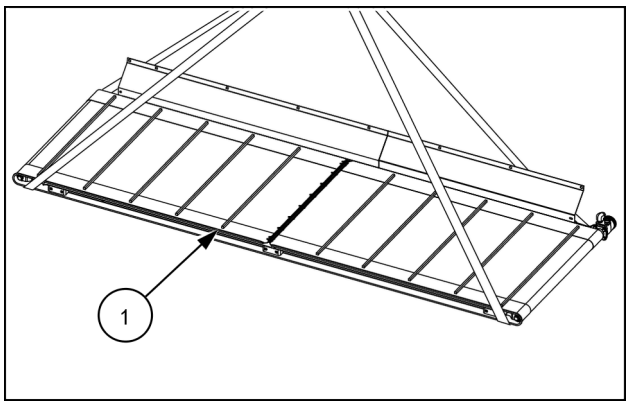


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Lift and position drapers

NOTE: *Use a fork lift with extended forks for the following steps.*

2. Wrap a suitable strap under both ends of the draper **(1)**.



NHIL14GH00293AA 2

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