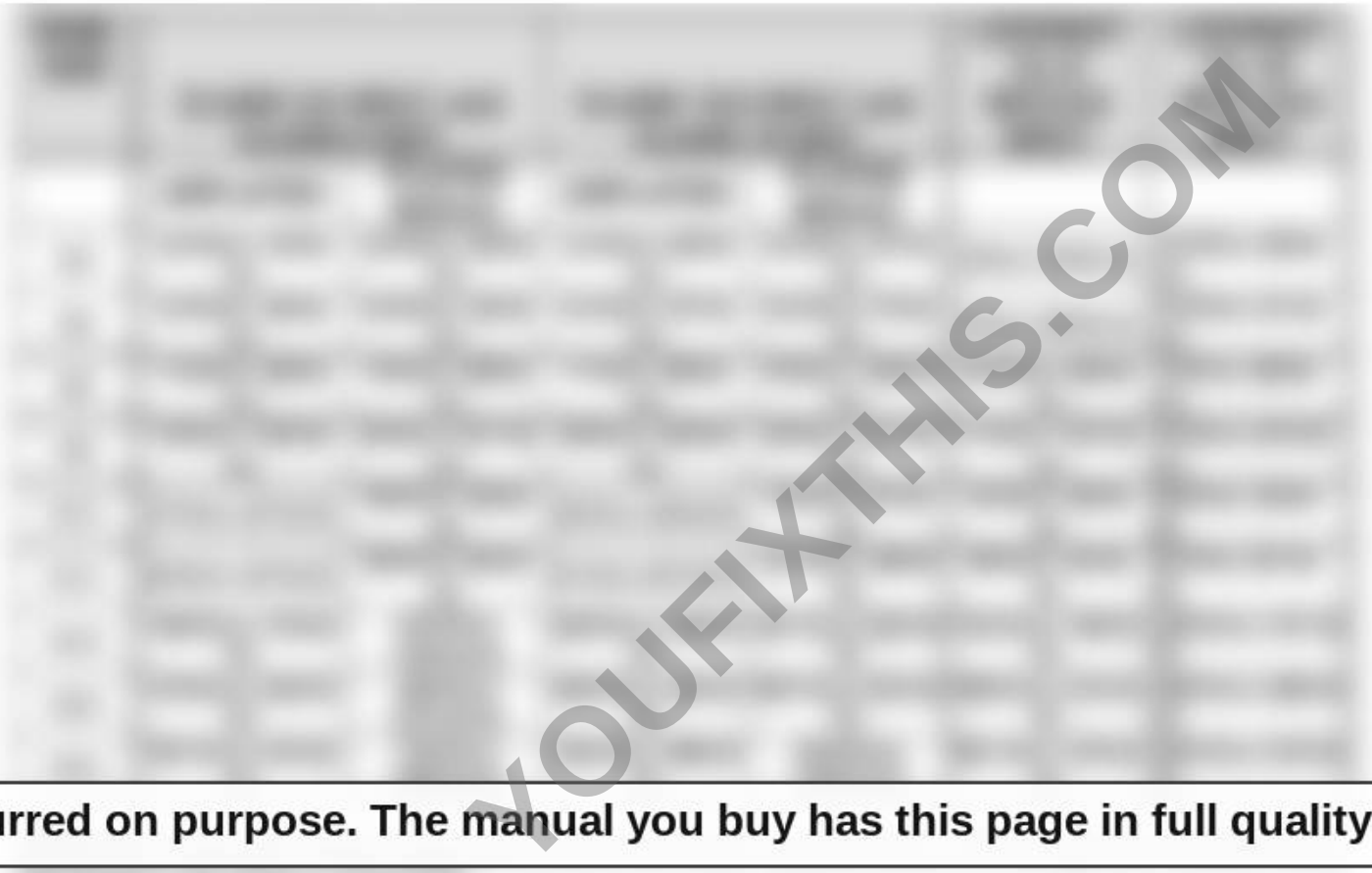
Torque - Minimum tightening torques for normal assembly

760CG	
800C Grain Header	

METRIC NON-FLANGED HARDWARE

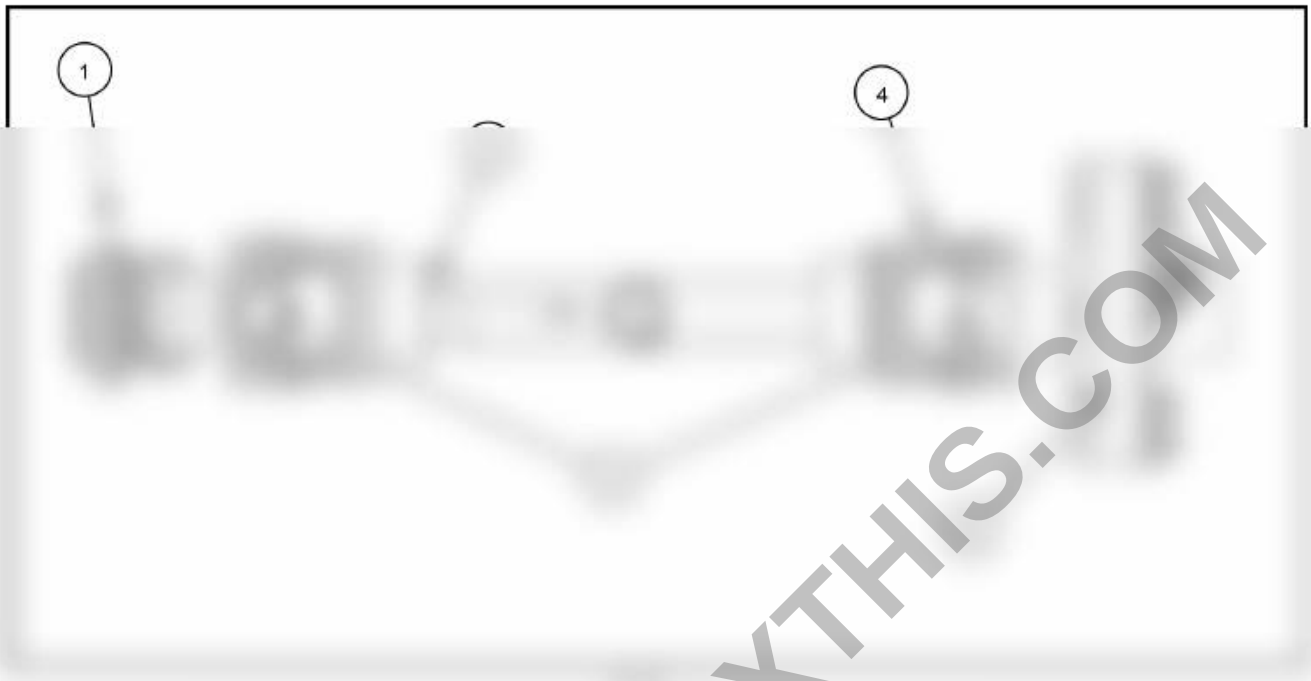


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Power Take-Off (PTO) shaft - Exploded view - PTO drive shaft

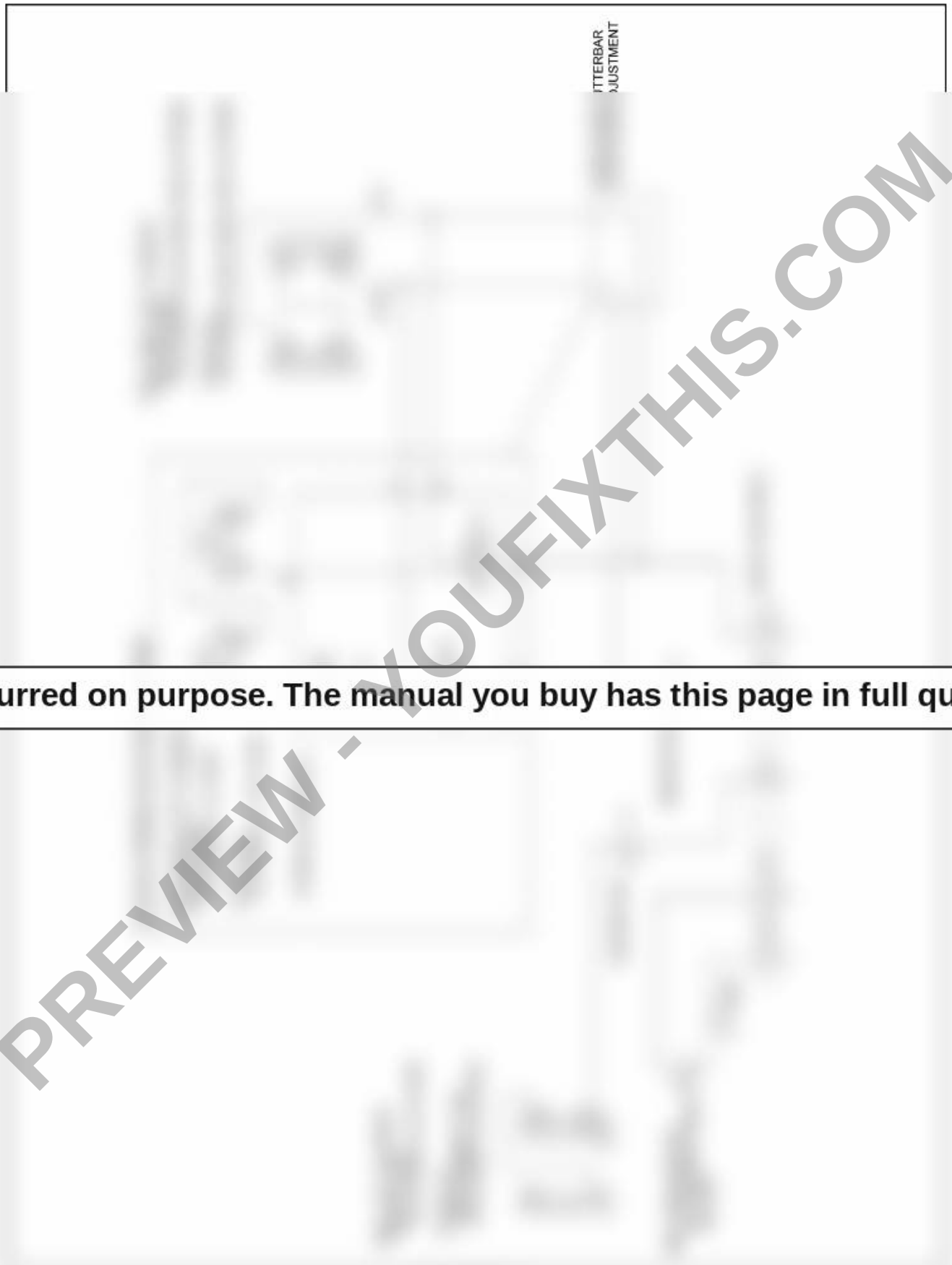


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Hydraulic systems - Hydraulic schema - Hydraulic schematic



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Electrical system - Component diagram 01

HEADER CONNECTOR

NOTE: *Stand behind the unit to determine left and right. Face the normal direction of travel.*

CONNECTOR

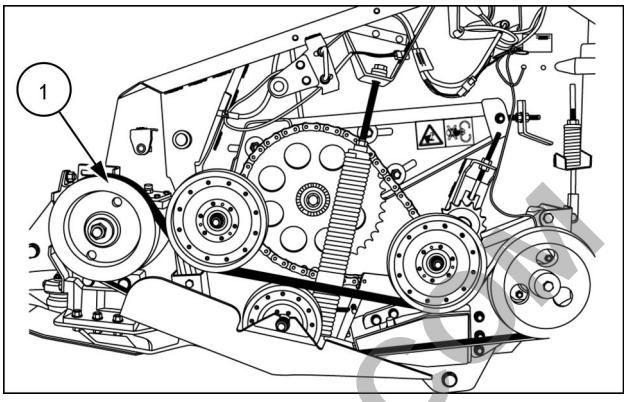
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Main gearbox and drive - Service instruction

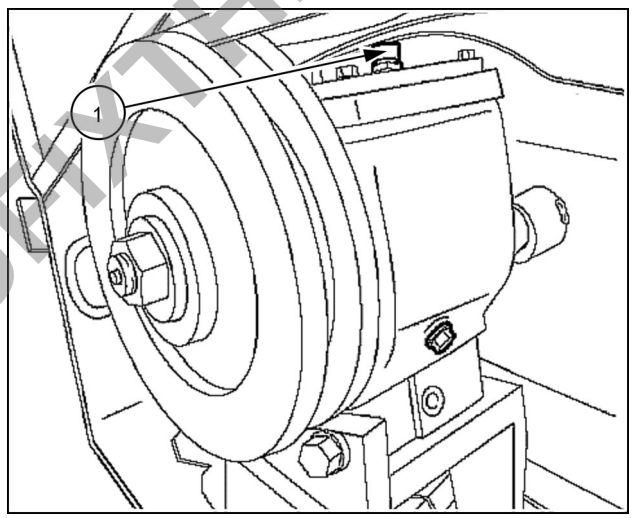
Check the oil level in the knife drive gearbox **(1)** every 50 operating hours.



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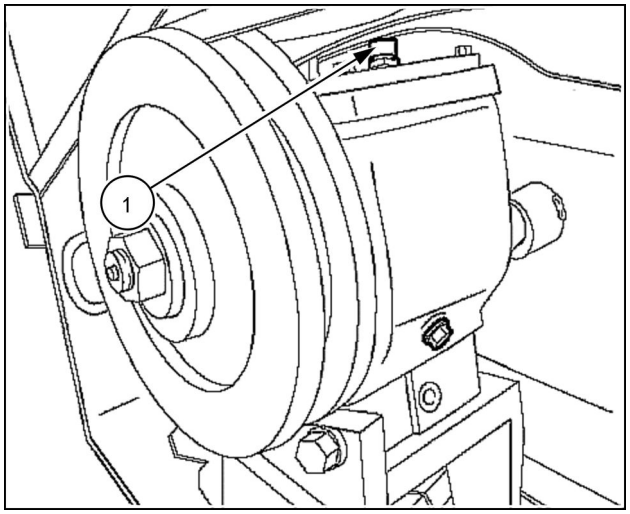
To check, proceed as follows:

1. Lower the header to the ground.
2. Loosen the plug **(1)** with dipstick and clean it from oil.
3. Screw in the plug fully, and check that the dipstick is covered by oil up to the reference notch.



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4. If the oil level is low, add oil into the plug hole **(1)**.



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Platform, cab, bodywork, and decals 90

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Personal safety

Your machine may be equipped with special guarding or other devices in compliance with local legislation. Some of these require active use by the operator.

Therefore, check local legislation on the usage of this machine.

Hydraulic system safety

- Hydraulic oil leaking under pressure can penetrate the skin and cause infection or other injury. To prevent personal injury:
  - Relieve all pressure before disconnecting fluid lines.
  - Before applying pressure, make sure all connections are tight and components are in good condition.
  - Never use your hand to check for suspected leaks under pressure. Use a piece of cardboard or wood for this purpose.
  - If injured by leaking fluid, seek medical attention immediately.
- The hydraulic hoses and fittings on your machine meet engineering specifications for the particular function. When replacing damaged, blown or worn hoses or fittings, use only manufacture authorized service parts.
- Care in hydraulic hose installation is a must:
  - Make sure pressure is relieved before starting installation procedure.
  - DO NOT kink or twist a hose, failure may occur.
  - Properly route the hose.
  - Have a certified hydraulic technician install the hose.
  - Remove air from the hydraulic system after installing any hydraulic component.
- Periodically check hydraulic system for leaks or damage. check for:
  - Leaks at hose fitting or in hose.
  - Damaged hoses and/or fittings.
  - Kinked, crushed, flattened, hard blistered, heat cracked, charred, twisted, soft or loose covered hoses.
  - Corroded or damaged fittings.
  - Leaking ports.
  - Excessive dirt and debris around hoses and/or fittings.
  - Damaged or missing hose retaining clamps, guards, shields, etc.
- DO NOT stand on or use a hose as a step. DO NOT pull or apply external forces to the hose. The hose may fail and cause injury.
- Keep all persons away from the working area. Mechanisms controlled by fluid power can become hazardous if a hose fails. Lifted mechanisms can fall to the ground, machine steering may fail, etc.
- Stay clear of a pressurized hose assembly that has blown apart. Hose fittings can be thrown off at high speed and a loose hose can whip around with great force.
- Hydraulic fluid can reach high temperatures. Allow fluid to cool before servicing the system.
- Escaping fluid under pressure may form a mist or fine spray which can flash or explode upon contact with an ignition source.
- Vibration can reduce hose service life. Make sure all retaining clamps and/or devices are secured.
- Environmental conditions can cause hose and fittings to deteriorate. Inspect hydraulic hoses periodically. Replace worn or damaged hoses and fittings.

Safety requirements for fluid power systems and components - hydraulics (EUROPEAN STANDARD PR EN 982)

- Flexible hose assemblies must not be constructed from hoses which have been previously used as part of a hose assembly.

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INTRODUCTION

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METRIC FLANGED HARDWARE

NOM. SIZE	CLASS 8.8 BOLT and CLASS 8 NUT	CLASS 10.9 BOLT and CLASS 10 NUT	LOCKNUT CL.8 W/CL8.8 BOLT	LOCKNUT CL.10 W/CL10.9 BOLT

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Clutch - 18

Slip clutch or flywheel damper - 112

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Cylinder - Remove - Horizontal cylinder

⚠ 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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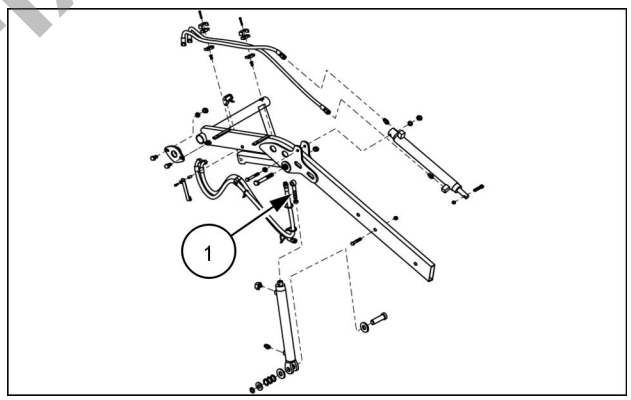
⚠ WARNING

Escaping fluid!
Hydraulic fluid or diesel fuel leaking under pressure can penetrate the skin and cause infection or other injury. To prevent personal injury: Relieve all pressure before disconnecting fluid lines or performing work on the hydraulic system. Before applying pressure, make sure all connections are tight and all components are in good condition. Never use your hand to check for suspected leaks under pressure. Use a piece of cardboard or wood for this purpose. If injured by leaking fluid, see your doctor immediately.
Failure to comply could result in death or serious injury.

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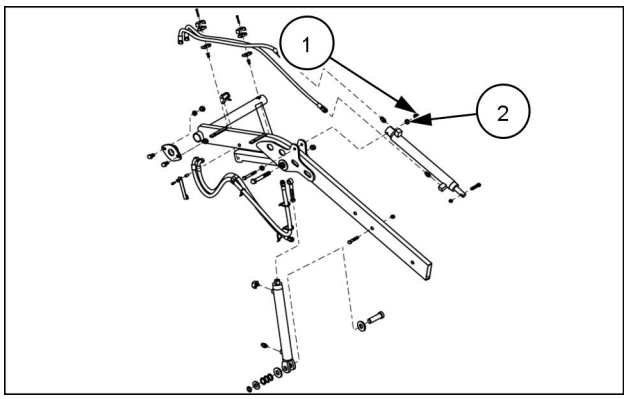
1. Remove hydraulic lines **(1)** from cylinder.

NOTE: *Use a suitable container to catch any lost hydraulic oil.*



93111829 1

2. Remove M12 lock nut **(1)** and washer **(2)**.



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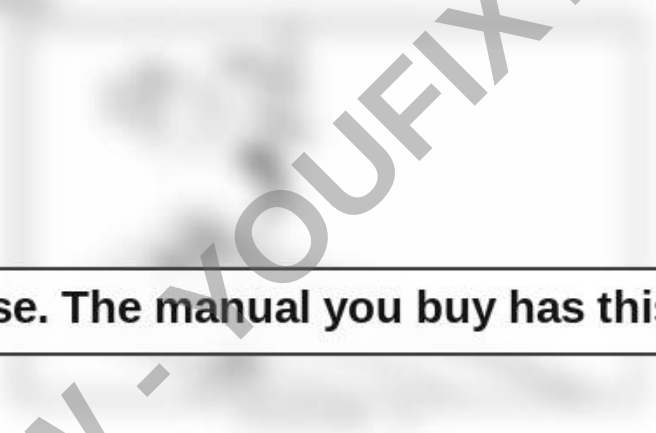
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RIGHT STUBBLE HEIGHT

CONNECTOR STUBBLE HEIGHT RIGHT SENSOR		
POSITION	WIRE NUMBER	CIRCUIT REFERENCE
A	3023	REFERENCE VOLTAGE





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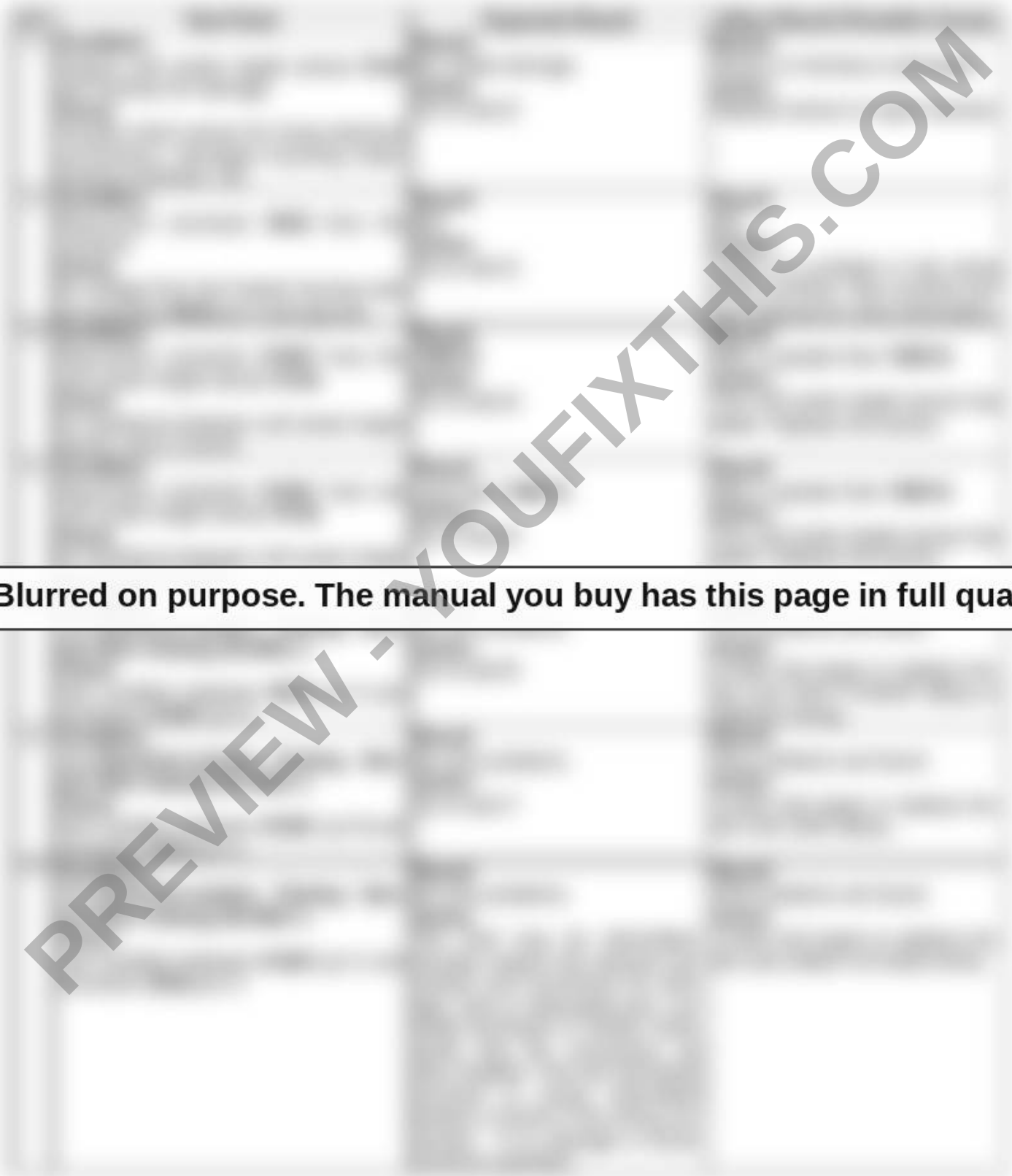
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Header feeding sensor - Testing - Left center height sensor

NOTE: *See* ***Electrical system - Overview Potentiometers (55.000)*** *for general potentiometer information.*

NOTE: *Use schematics*
Wire harnesses - Electrical schematic sheet 01 (55.100)

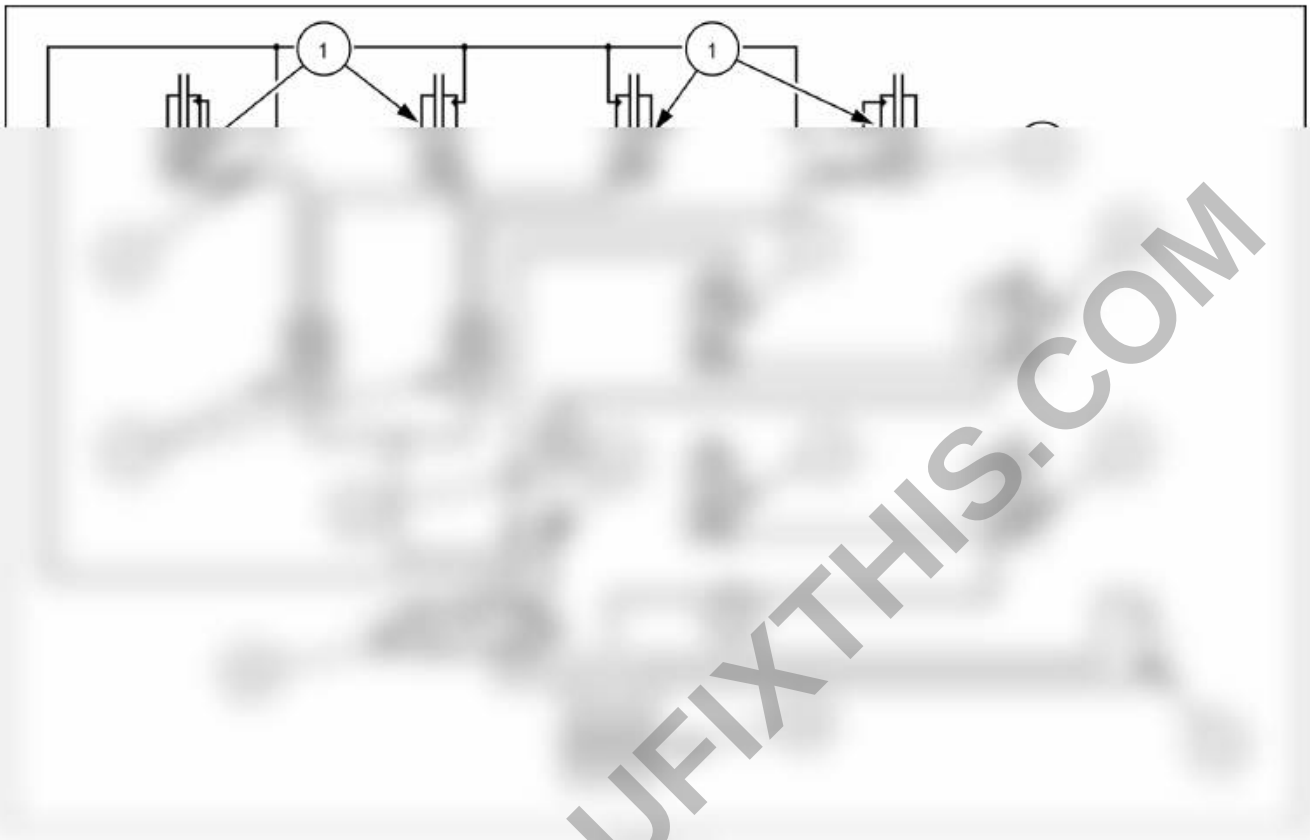


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Attachment/Header reel - Hydraulic schema



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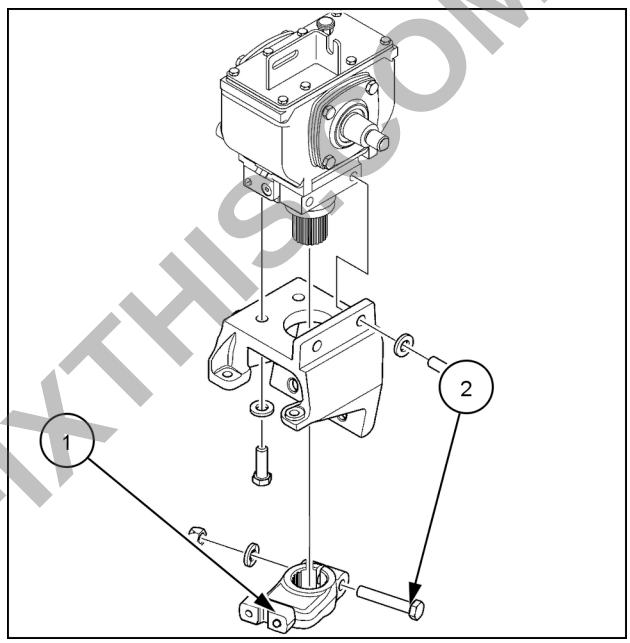
Wobble box - Disassemble

Prior operation:
Wobble box - Remove (58.110) .

NOTE: *The procedure to disassemble the wobble box is identical for the left-hand side of the header and the right-hand side of the header.*

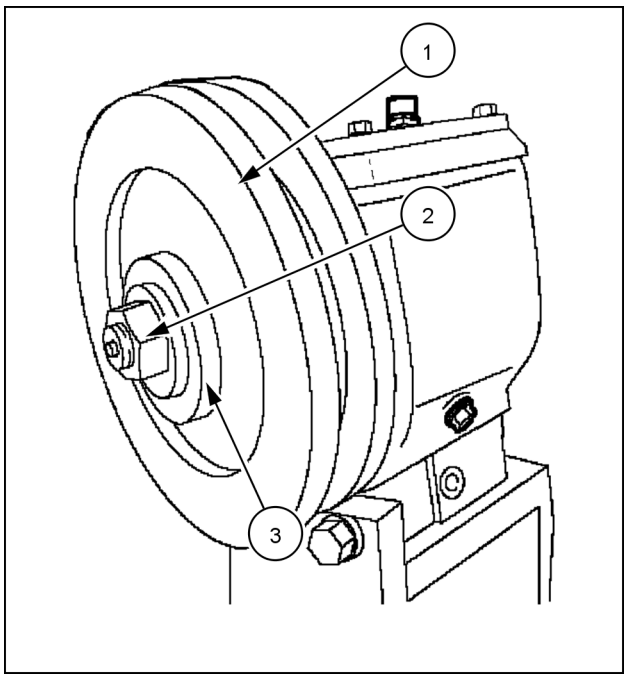
NOTE: *For the wobble box exploded view refer to* ***Attachment/Header cutting mechanism - Exploded view - Wobble box (58.110)****.*

1. Remove the knife arm **(1)** from the splined end of the output shaft by loosening cap screw **(2)** and tapping it with a soft faced hammer.



73092248D 1

2. Remove the drive pulley **(1)** by removing the nut **(2)** and the washer **(3)**. Tap the pulley from the shaft with a soft face hammer. Refer to **Wobble box drive belt Tensioner - Exploded view - Belt tensioner (58.110)**.



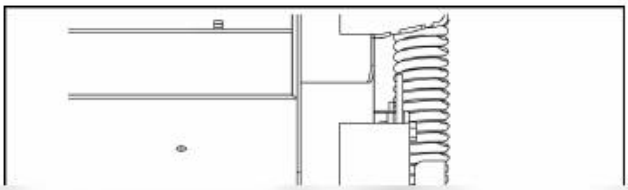
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16. Shift A-frame inwards until dimension of **123.3 - 127.3 mm** (**4.85 - 5 in**) from left-hand side sheet **(1)** to outer face of mounting tab **(2)** is obtained.

NOTE: *May take considerable force to shift A-frame inwards to obtain desired dimension.*

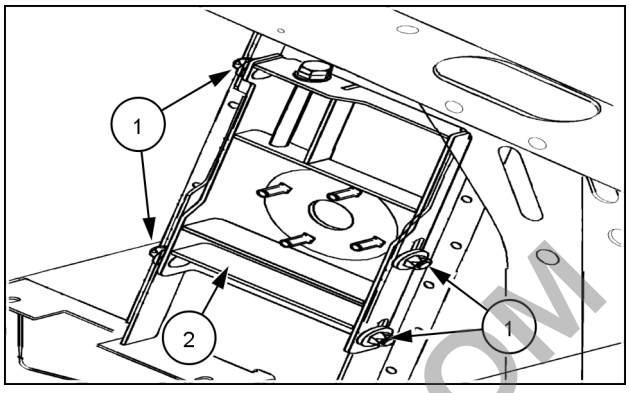


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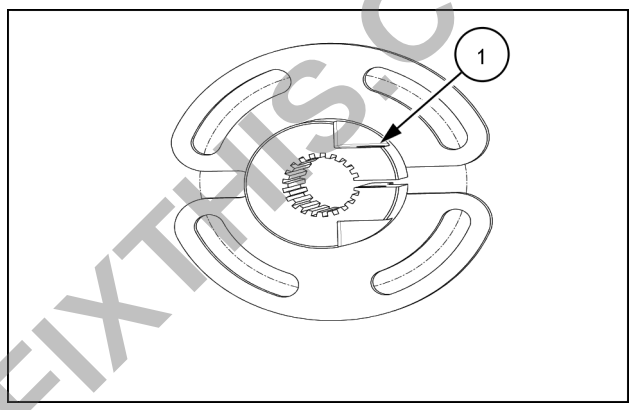
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9. Install the slide assembly **(2)** and install the four carriage bolts with washers and nuts **(1)** to secure the slide to the frame.



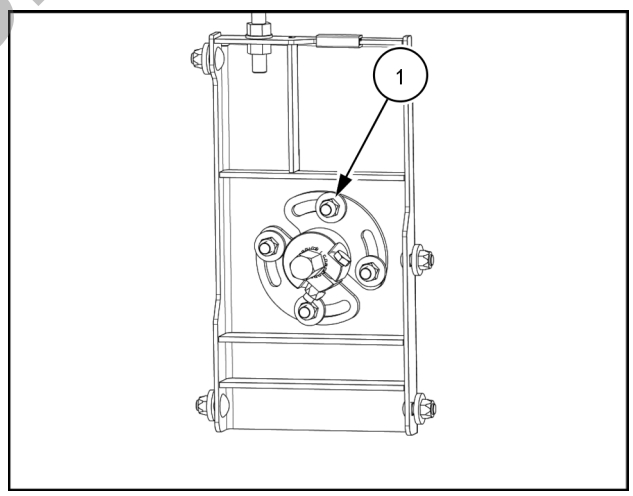
20090632 7

10. Slide the hub onto the shaft and install an M12 X 60 bolt and torque nut through the hubs collar **(1)** and tighten to torque specifications.



93099566 8

11. Install the four M12 torque nuts and washers **(1)** to the threaded studs. Tighten all hardware to standard torque.
12. Remove all slack from the belts or hooks and remove from the auger.



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Next operation:
Wobble box drive belt Tensioner - Install (58.110).
Next operation:
Feed auger drive chain Drive sprocket - Install (58.120).
Next operation:
Slip clutch - Install (60.122).

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Attachments/Headers - 58

Attachment/Header frame - 130

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