Torque – Minimum tightening torques for normal assembly

NOTE: *In the metric tables, nominal sizes M4 through M8 hardware torque specifications are shown as a Newton meters (pound-inches) numerical value.*
Nominal sizes M10 through M24 hardware torque specifications are shown as a Newton meters (pound-feet) numerical value.



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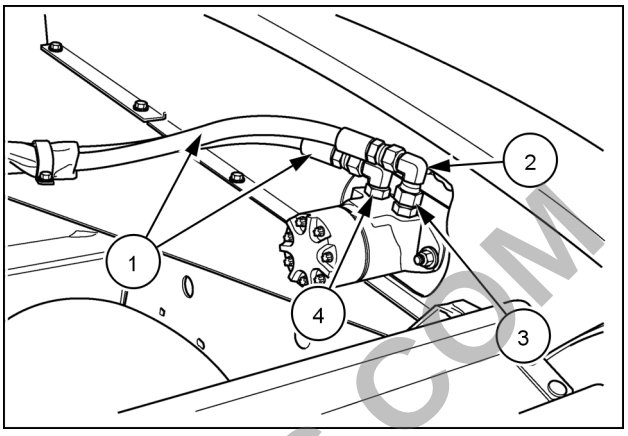


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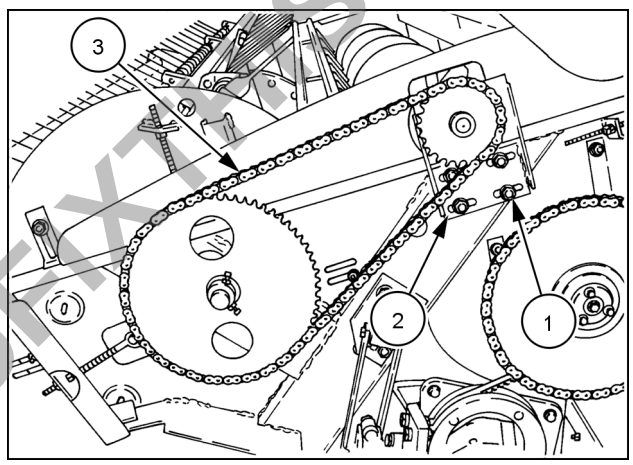
Reel drive system - Remove - Variable hydraulic reel drive motor

1. Remove the quick-disconnect coupler hoses **(1)** from the motor fittings.
2. Remove the **90 °** swivel elbow **(2)** from the straight connector **(3)** on the motor.
3. Remove the straight connector **(3)** from the front port of the motor.
4. Remove the **90 °** O-ring elbow **(4)** from the rear port of the motor.



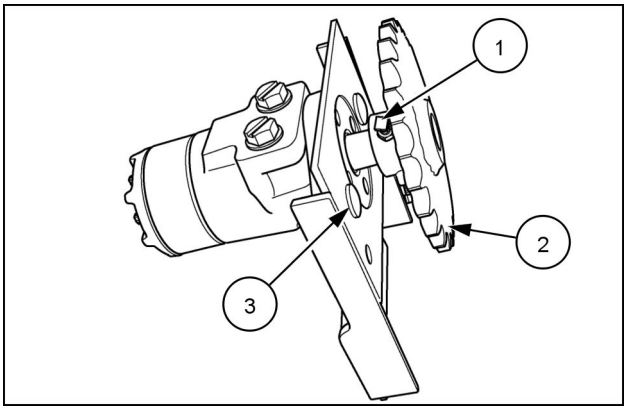
10024004 1

5. Loosen the carriage bolt nuts **(1)** on the motor support and move the support **(2)** forward to remove the chain **(3)**.
6. Remove the carriage bolts and remove the pump and mount assembly from the machine.



20022846 2

7. Loosen the jam nuts on the setscrews **(1)** and loosen the setscrews. Remove the sprocket **(2)** and shaft key.
8. Remove the motor from the mounting bracket **(3)** by removing the 7/16 in x 1-1/2 in carriage bolts **(4)**.



10024006N 3

Next operation:
Reel drive system - Disassemble (58.105)

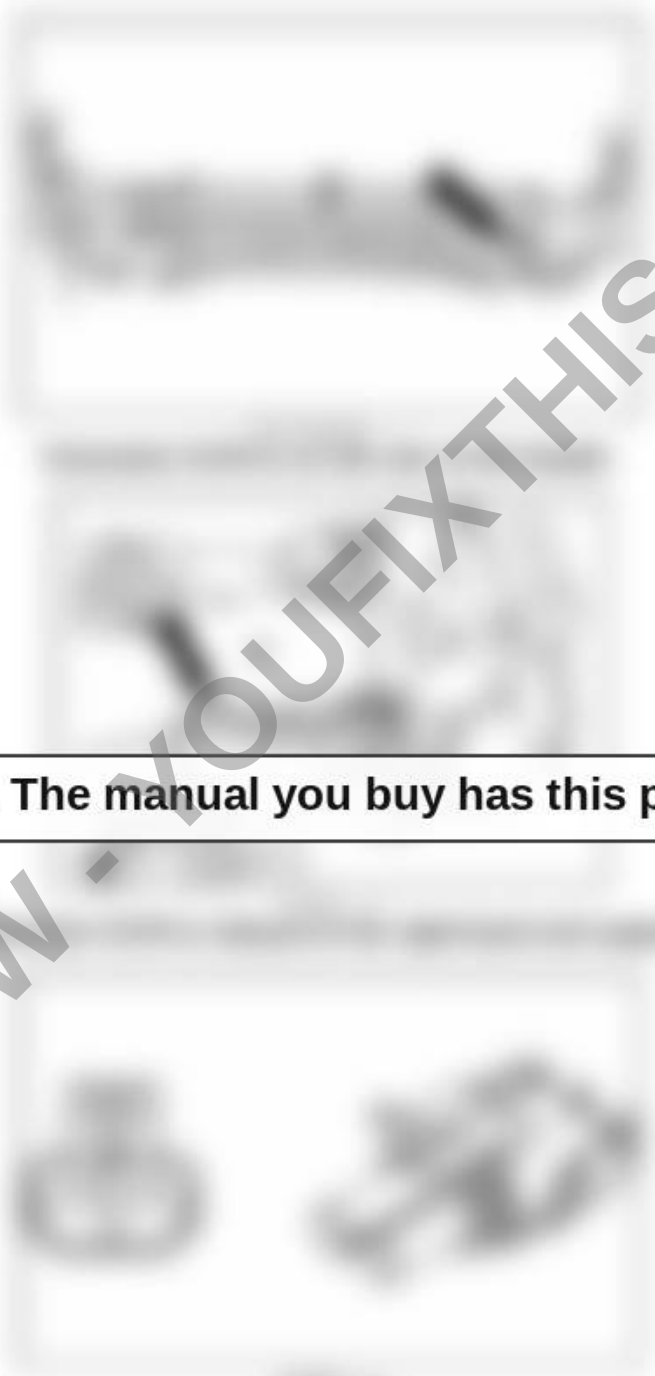
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Wire connectors - Component diagram 01 – Connectors X-010 to X-019

X-010 - Header knife speed sensor (87692855)

NOTE: *This connector is present only when sickle header adaptor kit is on header for use in self-propelled windrower*



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Safety rules - Personal safety

⚠ Precautionary statements ⚠

A careful operator is the best operator. Most accidents can be avoided by observing certain precautions. To help prevent accidents, read the following precautions before operating this equipment. Equipment should be operated only by those who are responsible and instructed to do so.

Carefully review the procedures given in this manual with all operators. It is important that all operators be familiar with and follow safety precautions.

1. Always disengage the drive, lock the tractor brakes, and shut off the tractor engine before:
   - Leaving the seat.
   - Lubricating.
   - Cleaning or unplugging any part of the machine.
   - Adjusting the machine.
2. Always lower the header to the ground or engage the transport stops when parking.
3. Always use the header transport stops and spring-loaded tongue safety lock when transporting the machine.
4. Never work under a raised header unless it is securely locked with the header transport stops
5. Always block the wheels before working on or under the machine.
6. Do not start the machine until you know that everyone is clear of the machine and have made sure no tools are lying on it.
7. Keep all shields in place. Never work around the machine in loose clothing that could catch in a moving part.
8. Do not modify any shields or operate the machine with any shields removed.
9. Always use adequate lights and safety warning devices when transporting the machine on public roads or after dark. Check with your local law enforcement agencies for specific requirements.
10. Long exposure to loud noise can damage your hearing. Wear a suitable hearing protection device such as ear-muffs or ear plugs if you are exposed to uncomfortable noise levels.
11. Be sure no one is standing near or touching the machine before raising or lowering the header.

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Hydraulic systems - 35

Head and header hydraulic drive - 910

12HS
14HS
16HS
18HS

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X-368 - Right header flashing light (87696093)



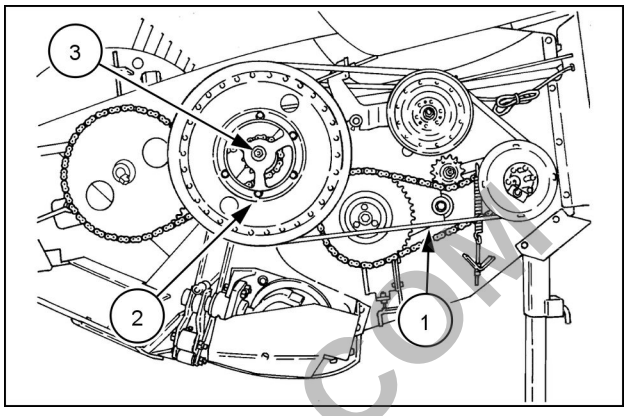
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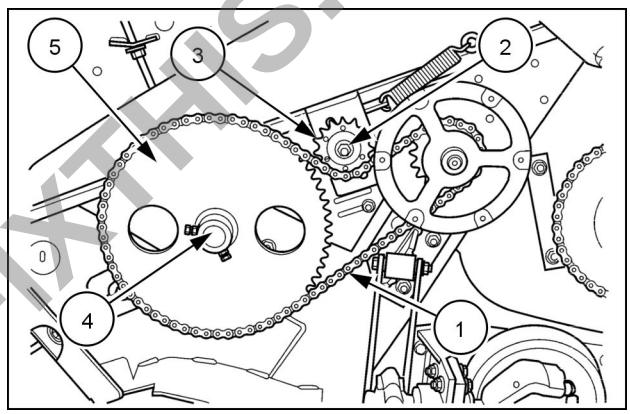
Pickup drive chain - Remove - Driven sprocket

1. Remove the reel drive belt **(1)** from the idler and reel drive sheaves.
2. Remove the bolts **(2)** from the jack shaft hub **(3)** and remove the sheave.



20022835N 1

3. Loosen the nut **(2)** on the tightener pulley **(3)** and remove the reel drive chain **(1)**.
4. Remove the gib key **(4)** from the reel driven sprocket **(5)** with a gib key puller.
5. Attach a suitable gear puller and pull the sprocket off of the shaft.



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Next operation:
Pickup drive chain - Install - Driven sprocket (60.220)

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Attachment/Header feed auger - 120

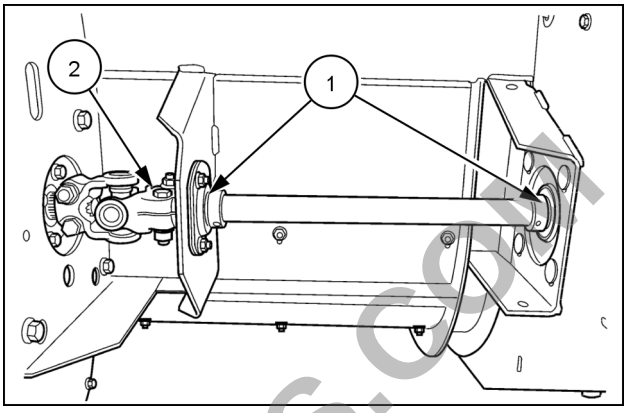
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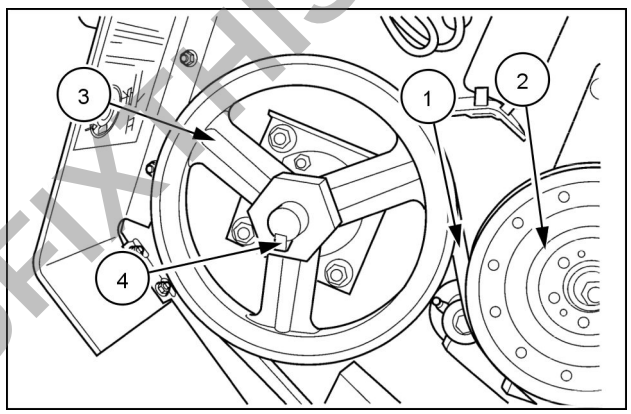
Attachment/Header cutting mechanism - Remove -Wobble drive shaft

1. Loosen the setscrews on the lock collars, **(1)**, and remove the collars from the bearings.
2. Loosen and remove the yoke clamping bolts, **(2)**, on the U-joint.



10024150N 1

3. Remove the drive belt, **(1)**, by loosening the idler pulley, **(2)**, and sliding the pulley up.
4. Remove the shaft and sheave by pulling on the sheave, **(3)**.
5. Separate the sheave from the shaft by removing the gib key, **(4)**, with tapered gib key puller.



10024152N 2

Next operation:
Attachment/Header cutting mechanism - Install - Wobble drive shaft (58.110)

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Pickup - 220

Auger - Static description 4
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