



600C Series Corn Heads (155100—)



JOHN DEERE



OPERATOR'S MANUAL

600C Series Corn Heads (155100—)

OMHXE197120 ISSUE C5 (ENGLISH)

CALIFORNIA

Proposition 65 Warning

Diesel engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects, and other reproductive harm.

If this product contains a gasoline engine:

WARNING

The engine exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

The State of California requires the above two warnings.

John Deere Horizontina

Worldwide Edition
PRINTED IN U.S.A.



Introduction

Trademarks

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h3ymaet,1739561228209-19-14FEB25

Foreword

READ THIS MANUAL carefully to learn how to operate and service your machine correctly. Failure to do so could result in personal injury or equipment damage. This manual and safety signs on your machine may also be available in other languages. (See your John Deere dealer to order.)

THIS MANUAL SHOULD BE CONSIDERED a permanent part of your machine and should remain with the machine when you sell it.

MEASUREMENTS in this manual are given in both metric and customary U.S. unit equivalents. Use only correct replacement parts and fasteners. Metric and inch fasteners may require a specific metric or inch wrench.

RIGHT-HAND AND LEFT-HAND sides are determined by facing in the direction the implement will travel when going forward.

WRITE PRODUCT IDENTIFICATION NUMBERS (P.I. N.) in the Specification section. Accurately record all the numbers to help in tracing the machine should it be stolen. Your dealer also needs these numbers when you order parts. File the identification numbers in a secure place off the machine.

WARRANTY is provided as part of John Deere's support program for customers who operate and maintain their equipment as described in this manual. The warranty is explained on the warranty certificate or statement which you should have received from your dealer.

This warranty provides you the assurance that John Deere will back its products where defects appear within the warranty period. In some circumstances, John Deere also provides field improvements, often without charge to the customer, even if the product is out of warranty. Should the equipment be abused, or modified

to change its performance beyond the original factory specifications, the warranty will become void and field improvements may be denied. Setting fuel delivery above specifications or otherwise overpowering machines will result in such action.

If you are not the original owner of this machine, it is in your interest to contact your local John Deere dealer to inform them of this unit's serial number. This will help John Deere notify you of any issues or product improvements.

DX,IFC2A-19-03APR09

Company Info



JOHN DEERE

CQ291459—UN—23JAN12

John Deere Brasil Ltda.

Av. Eng. Jorge A. D. Logeman, 600
Cep: 98920-000 - Horizontina-RS - Brazil
CNPJ: 89.674.782/0001-58

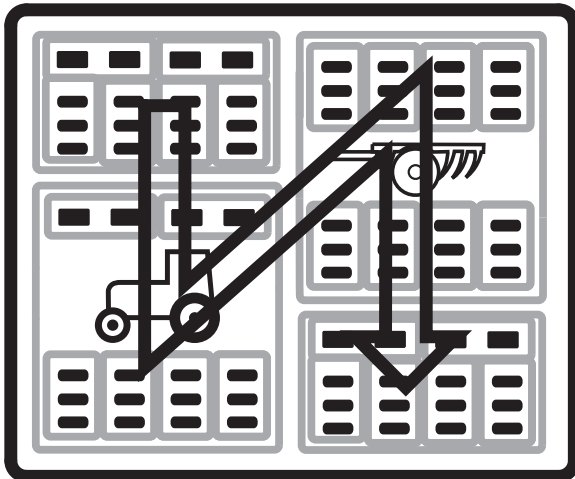
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A Message to Our Customers

We appreciate the confidence placed in us by the purchase of this machine. To ensure that the machine performs at the highest level, countless hours were spent designing and testing, before this machine was produced. To achieve the maximum performance, it is imperative that this machine is operated in accordance with the procedures outlined in this manual.

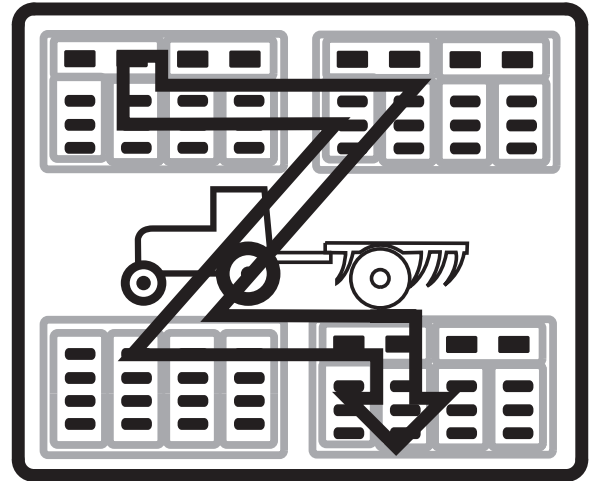
Information in this manual is divided into sections. The section names are identified in the table of contents and at the top of each page. Each section has a unique number and page count. Specific information within each section is organized into topics identified with bold headings.

The topic headings are listed in the table of contents with the section number and page number where the topic begins. Topics and information related to each topic are also referenced in the index along with the section and page number.



A100767—UN—07JUN18

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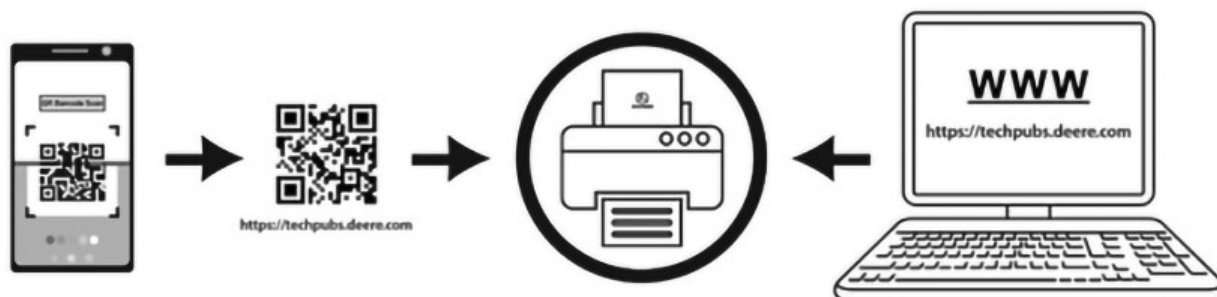
The flow can divide both before and after the images and tables that span the width of a page.

Review this manual often to learn where to look for information.

Thanks again for purchasing this machine.

AS09261.0000409-19-13JUN18

Download Instructions



Instructions, manuals, and other documents may be downloaded at [www.techpubs.deere.com](https://techpubs.deere.com). Scanning the QR code on a mobile device will route to the site automatically.

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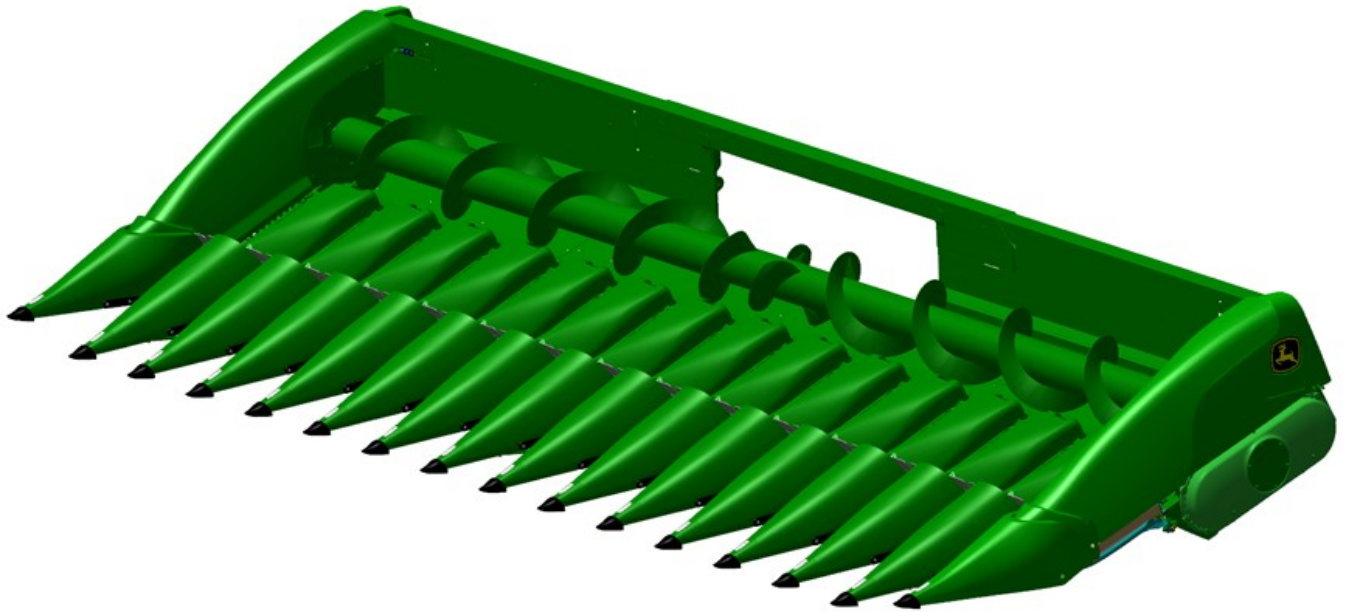
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Identification View



600C Corn Header

CQ1355544—UN—29JAN24

aernqxv,1703868327914-19-29DEC23

Contents

	Page		Page
Safety Features		Transport	
Corn Header Safety Features	05-1	Transporting Corn Header on a Trailer (If Equipped)	30-1
Safety		Operating the Corn Head	
Recognize Safety Information	10-1	General Information	35-1
Understand Signal Words	10-1	Starting in the Field	35-1
Follow Safety Instructions	10-1	Drive and Operate Carefully	35-1
Replace Safety Signs	10-1	Corn Head Speed of Travel	35-1
Operator Ability	10-2	Combines With Fixed-Speed Feeder House	35-1
Ballasting for Safe Ground Contact	10-2	Deck Plate Control and Resume G5 CommandCenter Display	35-1
Parking and Leaving the Machine	10-2	Harvesting Corn with Weakened or Broken Stalks	35-2
Prepare for Emergencies	10-2	Harvesting Popcorn	35-2
Wear Protective Clothing	10-3	Auger	35-2
Stay Clear of Harvesting Units	10-3	Row Units	35-3
Use Safety Lights and Devices	10-3	Hydraulic Adjustable Deck Plates	35-3
Transport Combine with Front-End Equipment Attached Safely	10-3	Raising and Inclining Points and End Fenders	35-3
Comply with Road Traffic Regulations	10-4	Adjust Corn Header Properly	35-3
Road Transport Disconnect Switch	10-4	Engaging/Disengaging Corn Header	35-3
Practice Safe Maintenance	10-4	Headers Compatible with AutoTrac™ RowSense™	35-4
Remove Paint Before Welding or Heating	10-5	Gatherers	35-4
Avoid Heating Near Pressurized Fluid Lines	10-5	Removing Point and Inner Divider Shield	35-4
Avoid Entanglement	10-5	Loosening ACTIVE HEADER CONTROL Ground Speed Sensors (If Equipped)	35-5
Avoid Contact With Moving Parts	10-5	AutoTrac RowSense (If Equipped)	35-5
Stay Clear of Rotating Drivelines	10-6	Ear Savers	35-5
Guards and Shields	10-6	Stalk Rolls	35-7
Avoid High-Pressure Fluids	10-6		
Service Machines Safely	10-6	Calibration and Programming	
Service Drive Belts Safely	10-7	When to Calibrate	40-1
Decommissioning — Proper Recycling and Disposal of Fluids and Components	10-7	Corn Head Sensor Locations	40-1
Support Machine Properly	10-7	Calibration Error Codes	40-1
Store Attachments Safely	10-8	User Calibration Procedures Generation 5 CommandCenter Display	40-1
Safety Signs		Adjustments - Corn Head	
Pictorial Safety Signs	15-1	Adjusting and Leveling Gatherer Points	45-1
Recognize Safety Information	15-1	Adjusting Rasp Plates	45-1
Replace Safety Signs	15-1	Adjusting Gatherer Chain Tension	45-2
Operator's Manual	15-1	Adjusting Gatherer Chain Lugs	45-2
Rotating Driveline	15-2	Adjusting Deck Plates	45-3
Cleanout Doors	15-2	Adjusting Row Unit Drive Chain	45-3
Hydraulic Oil and Gas Under Pressure	15-2	Adjusting Row Spacing	45-4
Header Entanglement	15-2	Adjusting Row Unit Drive Sprockets with Fixed Speed Drive Only	45-5
Attaching and Detaching		Adjusting Auger Height	45-5
Attaching and Detaching Corn Header to Forage Harvester or Corn Husker	20-1	Coupling the Chain	45-6
Attaching Front-End Equipment to Combine	20-1	Adjusting Auger Drive Chain	45-6
Detaching Front-End Equipment from Combine	20-2		
Location of Locking Cable Shear Bolt	20-3		
Feeder House Manual Unlatching	20-3		

Continued on next page

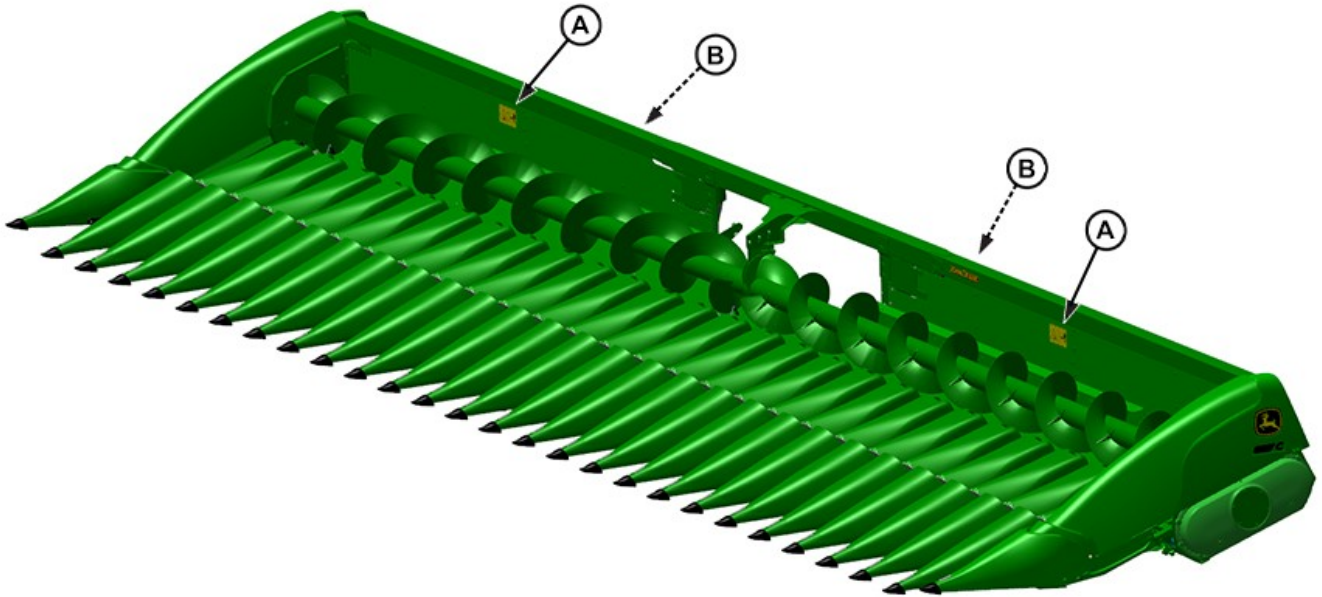
Original Instructions. All information, illustrations and specifications in this manual are based on the latest information available at the time of publication. The right is reserved to make changes at any time without notice.

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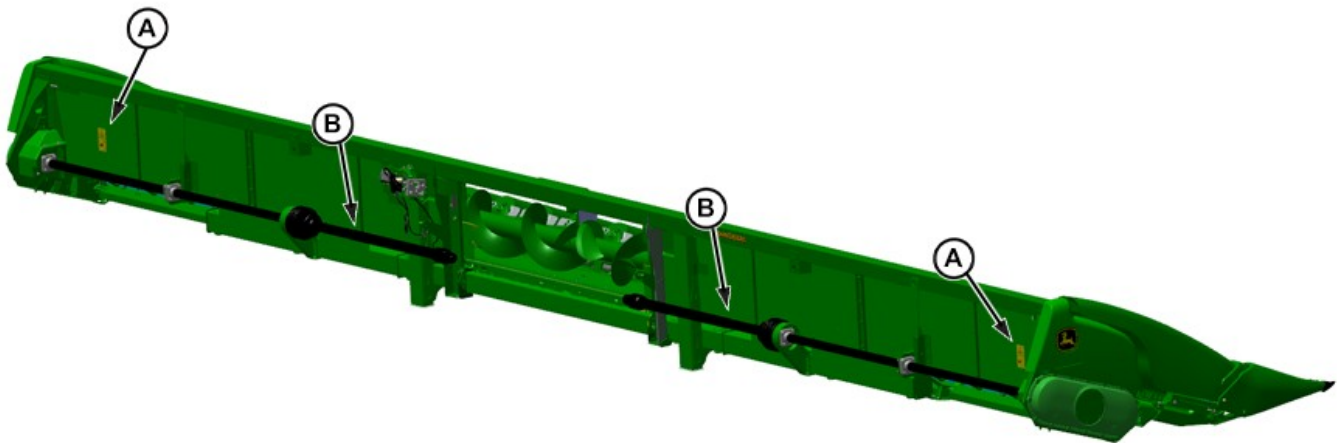
	Page
Ballast Requirements	45-7
Lubricants	
Corn Head Grease	50-1
Grease	50-1
Gear Oil	50-1
Lubricant Storage	50-1
Alternative and Synthetic Lubricants	50-2
Mixing of Lubricants	50-2
Lubrication and Maintenance	
Lubrication Symbols	55-1
Using High-Pressure Washers	55-1
Using Pressurized Air	55-1
Important Considerations	55-1
Working Underneath or Around Feeder House	55-2
Maintenance-Auger Floor Clean Out Door	55-2
Maintenance-Every Year or 200 Hours	55-2
Maintenance-Every 200 Hours-Checking Row Unit Gear Case Oil	55-3
Maintenance-Every 200 Hours-Lubricate Row Unit Clutches	55-3
Maintenance-Every 1000 Hours	55-4
Service	
Feeder House Safety Stop	60-1
Remove and Install Stalk Rolls	60-1
Reversing Gatherer Chains and Sprockets for Additional Wear	60-3
Remove and Install Gatherer Chain	60-3
Remove and Install Oil Pan	60-4
Remove and Install Wear Strips	60-5
Troubleshooting	
Corn Head	65-1
Active Header Control (AHC)	65-3
Storage	
End of Season Service	70-1
Beginning of Season Service	70-1
Specifications	
Specifications	75-1
Machine Design Life	75-3
Unified Inch Bolt and Screw Torque Values	75-4
Metric Bolt and Screw Torque Values	75-5
Identification Numbers	
Identification Numbers	80-1
Identification Plate	80-1
Identification Plate Location	80-1
Keep Proof of Ownership	80-1
Keep Machines Secure	80-2
Interpreting Machine Serial Number	80-2

Safety Features

Corn Header Safety Features



CQ1356139—UN—10JAN24



In addition to the safety signs (A) and driveshaft shields (B) shown here, the safety messages, and instructions

in the Operator's Manual contribute to the safe operation of this corn head.

CQ1356140—UN—29JAN24

aernqxv,1703852754033-19-10JAN24

Safety

Recognize Safety Information



T81389—UN—28JUN13

This is a safety-alert symbol. When you see this symbol on your machine or in this manual, be alert to the potential for personal injury.

Follow recommended precautions and safe operating practices.

DX,ALERT-19-03OCT22

Understand Signal Words



▲ WARNING

▲ CAUTION

TS187—19—30SEP88

DANGER; The signal word DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.

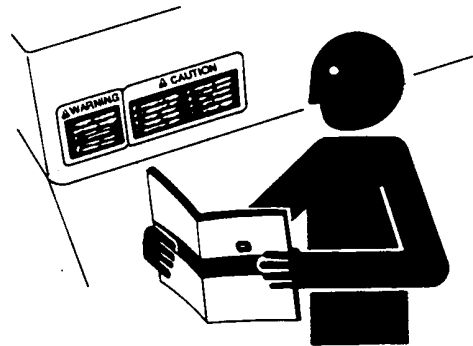
WARNING; The signal word WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION; The signal word CAUTION indicates a hazardous situation which, if not avoided, could result in minor or moderate injury. CAUTION may also be used to alert against unsafe practices associated with events which could lead to personal injury.

A signal word—DANGER, WARNING, or CAUTION—is used with the safety-alert symbol. DANGER identifies the most serious hazards. DANGER or WARNING safety signs are located near specific hazards. General precautions are listed on CAUTION safety signs. CAUTION also calls attention to safety messages in this manual.

DX,SIGNAL-19-05OCT16

Follow Safety Instructions



TS201—UN—15APR13

Carefully read all safety messages in this manual and on your machine safety signs. Keep safety signs in good condition. Replace missing or damaged safety signs. Be sure new equipment components and repair parts include the current safety signs. Replacement safety signs are available from your John Deere dealer.

There can be additional safety information contained on parts and components sourced from suppliers that is not reproduced in this operator's manual.

Learn how to operate the machine and how to use controls properly. Do not let anyone operate without instruction.

Keep your machine in proper working condition. Unauthorized modifications to the machine may impair the function and/or safety and affect machine life.

If you do not understand any part of this manual and need assistance, contact your John Deere dealer.

DX,READ-19-01AUG22

Replace Safety Signs



TS201—UN—15APR13

Replace missing or damaged safety signs. Use this operator's manual for correct safety sign placement.

There can be additional safety information contained on parts and components sourced from suppliers that is not reproduced in this operator's manual.

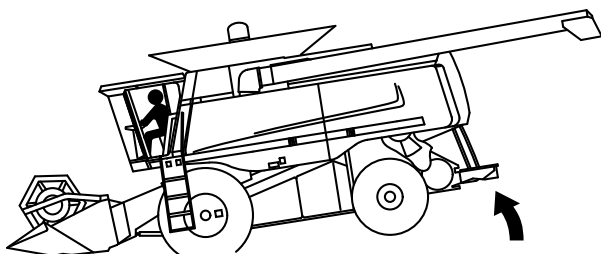
DX,SIGNS-19-18AUG09

Operator Ability

- Machine owners must make sure that operators are responsible, trained, have read the operating instructions and warnings, and know how to operate the machine properly and safely.
- Age, physical ability, and mental capacity can be factors in machine-related injuries. Operators must be mentally and physically capable of accessing the operator station and/or controls, and operating the machine properly and safely.
- Never allow a child or an untrained person to operate the machine. Instruct all operators not to give children a ride on the machine or an attachment.
- Never operate machine when distracted, fatigued, or impaired. Proper machine operation requires the operator's full attention and awareness.

DX,ABILITY-19-07DEC18

Ballasting for Safe Ground Contact



H91075—UN—22APR08

Operating, steering and braking performance of the combine can be considerably affected by attachments which alter the center of gravity of the machine.

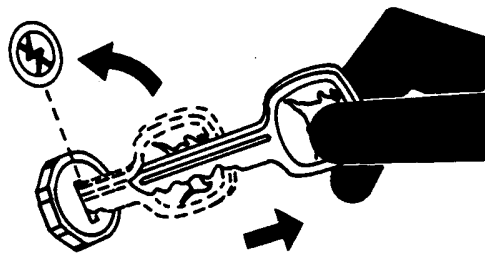
To maintain safe ground contact, ballast the combine at the rear end as necessary.

Observe the maximum permissible axle loads and total weights. For platform weights, see SPECIFICATIONS section of this manual.

NOTE: See more information about ballasting in your Combine Operator's Manual.

DF67602,000021E-19-09DEC13

Parking and Leaving the Machine



TS230—UN—24MAY89

Lower harvesting unit to the ground.

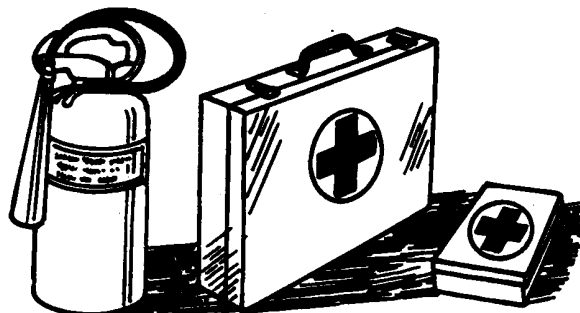
Before leaving machine, disengage harvesting unit and separator. Move multi-function lever to neutral position and shut OFF machine. Apply parking brake, remove key, and lock the operator's cab.

Never leave machine unattended as long as engine is running.

Never leave the operator's cab when driving.

OOU6075,0000AEB-19-11FEB14

Prepare for Emergencies



TS291—UN—15APR13

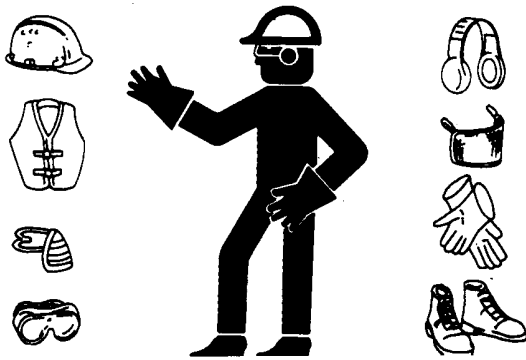
Be prepared if a fire starts.

Keep a first aid kit and fire extinguisher handy.

Keep emergency numbers for doctors, ambulance service, hospital, and fire department near your telephone.

DX,FIRE2-19-03MAR93

Wear Protective Clothing



TS206—UN—15APR13

Wear close fitting clothing and safety equipment appropriate to the job.

Prolonged exposure to loud noise can cause impairment or loss of hearing.

Wear a suitable hearing protective device such as earmuffs or earplugs to protect against objectionable or uncomfortable loud noises.

Operating equipment safely requires the full attention of the operator. Do not wear radio or music headphones while operating machine.

DX,WEAR-19-10SEP90

Stay Clear of Harvesting Units



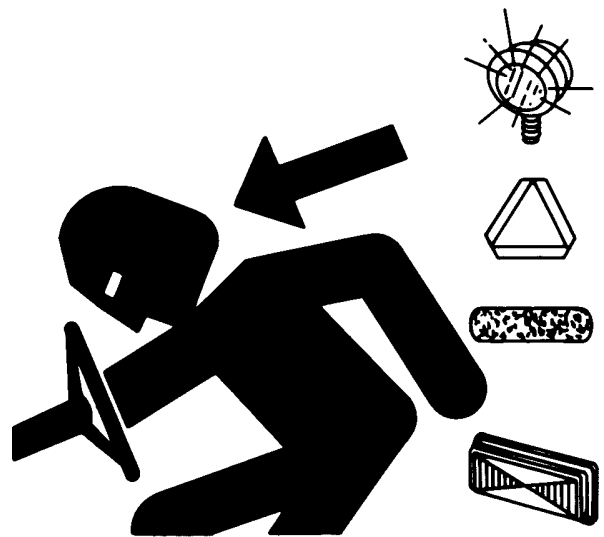
ES 118 704

ES118704—UN—21MAR95

Cutterbar, auger, reel and feed rolls cannot be completely shielded due to their function. Stay clear of these moving elements during operation. Always disengage main clutch, shut off engine and remove key before servicing or unclogging machine.

FX,CUT-19-21DEC90

Use Safety Lights and Devices



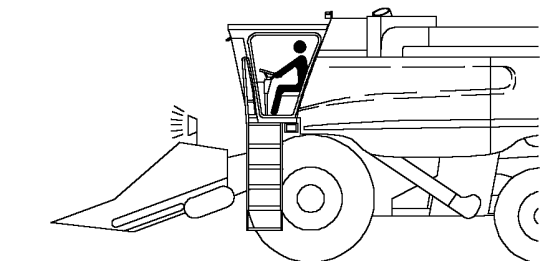
TS951—UN—12APR90

Prevent collisions between other road users, slow moving tractors with attachments or towed equipment, and self-propelled machines on public roads. Frequently check for traffic from the rear, especially in turns and use turn signal lights.

Use headlights, flashing warning lights, and turn signals day and night. Follow local regulations for equipment lighting and marking. Keep lighting and marking visible, clean and in good working order. Replace or repair lighting and marking that has been damaged or lost.

HX,STSSA,O-19-22JUL99

Transport Combine with Front-End Equipment Attached Safely



H51909—UN—07MAY99

Whenever possible, avoid transporting on public roadways with the combine's front-end equipment attached.

If the combine must be transported with front-end equipment attached, make sure that equipment has proper lighting and marking installed and operating.

The use of a spotter or pilot vehicle is recommended.

Drive at a speed that is safe for the conditions.

IMPORTANT: Before driving the combine on public roads, consult the recommendations in the Combine Operator's Manual.

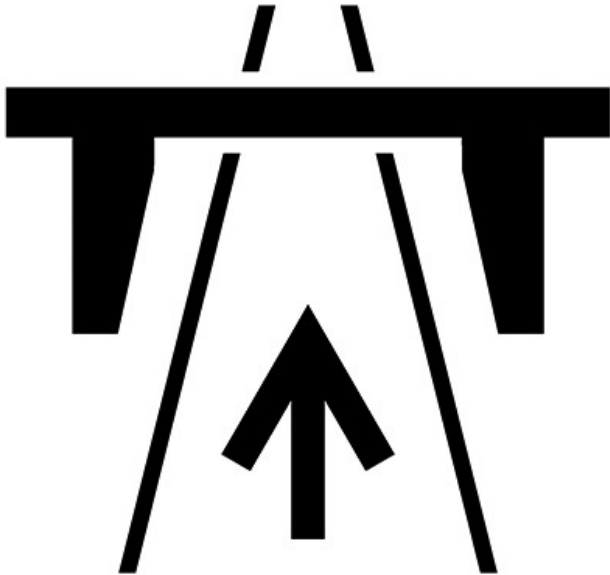
KP318TH,000006E-19-24NOV21

Comply with Road Traffic Regulations

Familiarize yourself with road traffic regulations if intending to travel on public road.

KP318TH,000006F-19-01DEC21

Road Transport Disconnect Switch



BML022327—UN—29NOV21

Road transport disconnect switch must be in road position when transporting machine on roadway.

See road transport disconnect switch in your Combine Operator's Manual.

KP318TH,0000070-19-25NOV21

Practice Safe Maintenance



TS218—UN—23AUG88

Understand service procedure before doing work. Keep area clean and dry.

Never lubricate, service, or adjust machine while it is moving. Keep hands, feet, and clothing away from power-driven parts. Disengage all power and operate controls to relieve pressure. Lower equipment to the ground. Stop the engine. Remove the key. Allow machine to cool.

Securely support any machine elements that must be raised for service work.

Keep all parts in good condition and properly installed. Fix damage immediately. Replace worn or broken parts. Remove any buildup of grease, oil, or debris.

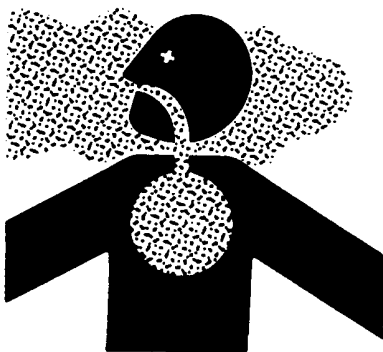
On self-propelled equipment, disconnect battery ground cable (-) before making adjustments on electrical systems or welding on machine.

On towed implements, disconnect wiring harnesses from tractor before servicing electrical system components or welding on machine.

Falling while cleaning or working at height can cause serious injury. Use a ladder or platform to easily reach each location. Use sturdy and secure footholds and handholds.

DX,SERV-19-28FEB17

Remove Paint Before Welding or Heating



TS220—UN—15APR13

Avoid potentially toxic fumes and dust.

Hazardous fumes can be generated when paint is heated by welding, soldering, or using a torch.

Remove paint before heating:

- Remove paint a minimum of 100 mm (4 in.) from area to be affected by heating. If paint cannot be removed, wear an approved respirator before heating or welding.
- If you sand or grind paint, avoid breathing the dust. Wear an approved respirator.
- If you use solvent or paint stripper, remove stripper with soap and water before welding. Remove solvent or paint stripper containers and other flammable material from area. Allow fumes to disperse at least 15 minutes before welding or heating.

Do not use a chlorinated solvent in areas where welding will take place.

Do all work in an area that is well ventilated to carry toxic fumes and dust away.

Dispose of paint and solvent properly.

DX, PAINT-19-24JUL02

Avoid Heating Near Pressurized Fluid Lines



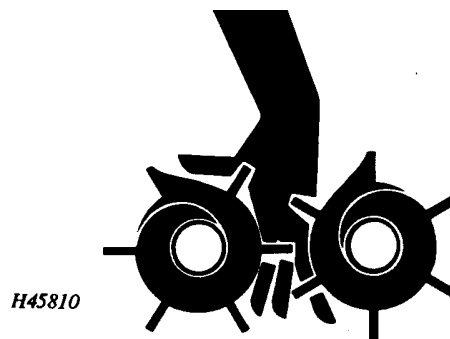
TS953—UN—15MAY90

Flammable spray can be generated by heating near pressurized fluid lines, resulting in severe burns to

yourself and bystanders. Do not heat by welding, soldering, or using a torch near pressurized fluid lines or other flammable materials. Pressurized lines can accidentally burst when heat goes beyond the immediate flame area.

DX, TORCH-19-10DEC04

Avoid Entanglement



H45810

H45810—UN—22JUL93

To avoid entanglement, do not feed crop material into machine by hand or attempt to manually unplug machine while it is running. The machine can feed the crop material in faster than you can release your grip on the material.

SS43267, 0000113-19-10SEP12

Avoid Contact With Moving Parts



TS256—UN—23AUG88

Keep hands, feet, and clothing away from power driven parts. Never carry out any cleaning, lubrication or adjustment operation when engine is running.

HX, STSSA, L-19-22JUL99

Stay Clear of Rotating Drivelines



TS1644—UN—22AUG95

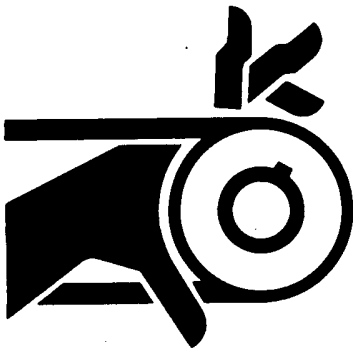
Entanglement in rotating driveline can cause serious injury or death.

Keep all shields in place at all times. Make sure rotating shields turn freely.

Wear close-fitting clothing. Stop the engine and be sure that all rotating parts and drivelines are stopped before making adjustments, connections, or performing any type of service on engine or machine driven equipment.

DX,ROTATING-19-18AUG09

Guards and Shields



TS285—UN—23AUG88

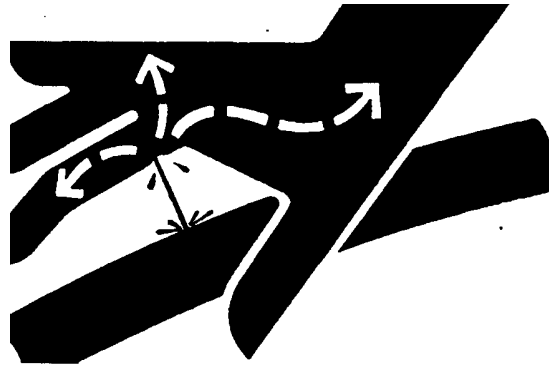
Always keep guards and shields fixed in position. Ensure that they are operating and mounted correctly.

Always disengage main clutch, shut off engine and remove starter key before removing any guard or shield.

Keep hands, feet, and clothing away from moving parts.

OUO6035,00014DF-19-18SEP01

Avoid High-Pressure Fluids



X9811—UN—23AUG88

Inspect hydraulic hoses periodically – at least once per year – for leakage, kinking, cuts, cracks, abrasion, blisters, corrosion, exposed wire braid or any other signs of wear or damage.

Replace worn or damaged hose assemblies immediately with John Deere approved replacement parts.

Escaping fluid under pressure can penetrate the skin causing serious injury.

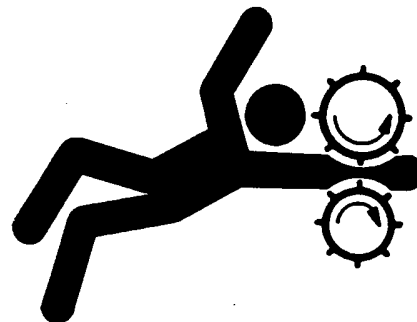
Avoid the hazard by relieving pressure before disconnecting hydraulic or other lines. Tighten all connections before applying pressure.

Search for leaks with a piece of cardboard. Protect hands and body from high-pressure fluids.

If an accident occurs, see a doctor immediately. Any fluid injected into the skin must be surgically removed within a few hours or gangrene may result. Doctors unfamiliar with this type of injury should reference a knowledgeable medical source. Such information is available in English from Deere & Company Medical Department in Moline, Illinois, U.S.A., by calling 1-800-822-8262 or +1 309-748-5636.

DX,FLUID-19-12OCT11

Service Machines Safely



TS228—UN—23AUG88

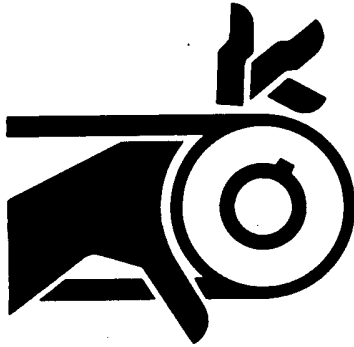
Tie long hair behind your head. Do not wear a necktie, scarf, loose clothing, or necklace when you work near

machine tools or moving parts. If these items were to get caught, severe injury could result.

Remove rings and other jewelry to prevent electrical shorts and entanglement in moving parts.

DX, LOOSE-19-04JUN90

Service Drive Belts Safely



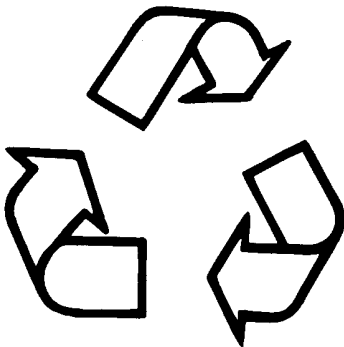
TS285—UN—23AUG88

When servicing drive belts always observe these precautions:

- Avoid serious injury from hand or arm entanglement. Never attempt to clean, check or adjust belts while the machine is running. Always shut off the engine, set parking brake and remove the key.
- Do not attempt to clean belts with flammable cleaning solvents.

KP318TH,0000071-19-24NOV21

Decommissioning — Proper Recycling and Disposal of Fluids and Components



TS1133—UN—15APR13

Safety and environmental stewardship measures must be taken into account when decommissioning a machine and/or component. These measures include the following:

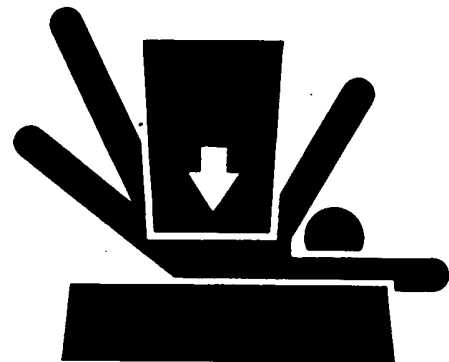
- Use appropriate tools and personal protective equipment such as clothing, gloves, face shields or

glasses, during the removal or handling of objects and materials.

- Follow instructions for specialized components.
- Release stored energy by lowering suspended machine elements, relaxing springs, disconnecting the battery or other electrical power, and releasing pressure in hydraulic components, accumulators, and other similar systems.
- Minimize exposure to components which may have residue from agricultural chemicals, such as fertilizers and pesticides. Handle and dispose of these components appropriately.
- Carefully drain engines, fuel tanks, radiators, hydraulic cylinders, reservoirs, and lines before recycling components. Use leak-proof containers when draining fluids. Do not use food or beverage containers.
- Do not pour waste fluids onto the ground, down a drain, or into any water source.
- Observe all national, state, and local laws, regulations, or ordinances governing the handling or disposal of waste fluids (example: oil, fuel, coolant, brake fluid); filters; batteries; and, other substances or parts. Burning of flammable fluids or components in other than specially designed incinerators may be prohibited by law and could result in exposure to harmful fumes or ashes.
- Service and dispose of air conditioning systems appropriately. Government regulations may require a certified service center to recover and recycle air conditioning refrigerants which could damage the atmosphere if allowed to escape.
- Evaluate recycling options for tires, metal, plastic, glass, rubber, and electronic components which may be recyclable, in part or completely.
- Contact your local environmental or recycling center, or your John Deere dealer for information on the proper way to recycle or dispose of waste.

DX, DRAIN-19-01JUN15

Support Machine Properly



TS229—UN—23AUG88

Always lower the attachment or implement to the ground before you work on the machine. If the work requires

that the machine or attachment be lifted, provide secure support for them. If left in a raised position, hydraulically supported devices can settle or leak down.

Do not support the machine on cinder blocks, hollow tiles, or props that may crumble under continuous load. Do not work under a machine that is supported solely by a jack. Follow recommended procedures in this manual.

When implements or attachments are used with a machine, always follow safety precautions listed in the implement or attachment operator's manual.

DX,LOWER-19-24FEB00

Store Attachments Safely



TS219—UN—23AUG88

Stored attachments such as dual wheels, cage wheels, and loaders can fall and cause serious injury or death.

Securely store attachments and implements to prevent falling. Keep playing children and bystanders away from storage area.

DX,STORE-19-03MAR93

Safety Signs

Pictorial Safety Signs

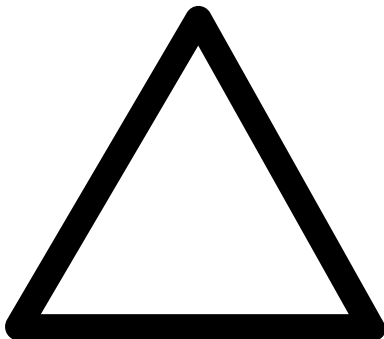


TS231—19—07OCT88

At several important places on this machine safety signs are affixed intended to signify potential hazards. The hazard is identified by a pictorial in a warning triangle. An adjacent pictorial provides information how to avoid personal injury. These safety signs, their placement on the machine and a brief explanatory text are shown below.

OOU6075,0001163-19-19JUN12

Recognize Safety Information



T8130000497—UN—14FEB13

Figure A

Figure A: This symbol is used for a specific hazard as shown in the pictorial in the center of the triangle.



T8130000498—UN—14FEB13

Figure B

Figure B: This symbol is used for a general alert.

The additional blocks of the safety sign are pictorial of the avoidance action to be taken to avoid the hazard.

OOU90500,0000354-19-27MAR17

Replace Safety Signs



TS201—UN—15APR13

Replace missing or damaged safety signs. Use this operator's manual for correct safety sign placement.

There can be additional safety information contained on parts and components sourced from suppliers that is not reproduced in this operator's manual.

DX,SIGNS-19-18AUG09

Operator's Manual

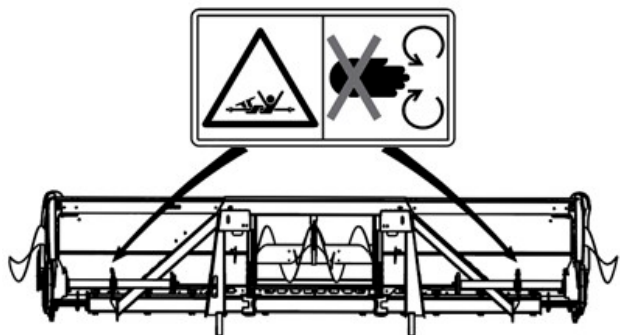


BML022328—UN—29NOV21

This Operator's Manual contains important information necessary for safe machine operation. Carefully observe all safety rules to avoid accidents.

aernqxv,1712168758248-19-03APR24

Rotating Driveline



CQ1363519—UN—05APR24

Entanglement in rotating driveline can cause serious injury or death. Keep all shields in place. Avoid contact with rotating parts.

aernqxv,1712169207184-19-03APR24

Avoid serious injury from contact with hydraulic oil and gas under pressure.

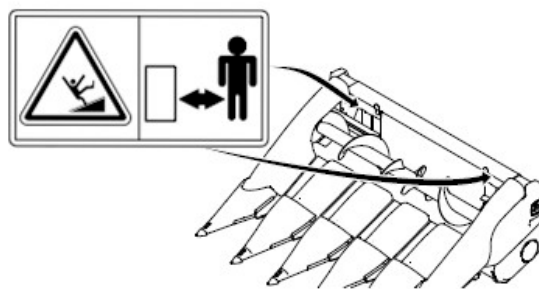
Before removing hydraulic components, disassembling or charging accumulators:

1. Relieve system hydraulic pressure. Refer to operator's manual and repair manual for system information.
2. Stop engine and remove key.

Use only DRY NITROGEN for recharging accumulator. Contact your John Deere dealer or other service provider. (See your John Deere Warranty Administration Manual.)

aernqxv,1741782094820-19-12MAR25

Header Entanglement

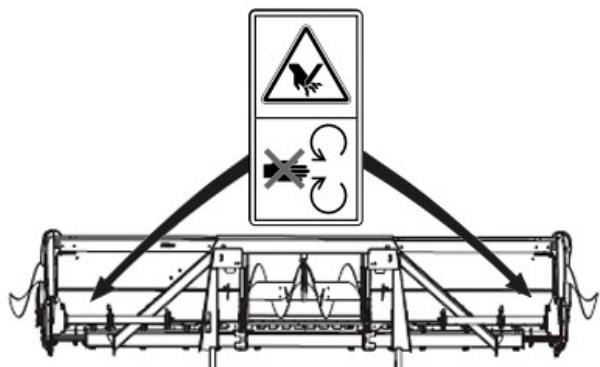


CQ1363520—UN—04APR24

Keep a safety distance from header while it is operating. Before carrying out any repair or service on header, disengage transmission, shut off engine, and remove ignition key.

aernqxv,1712171506795-19-05APR24

Cleanout Doors

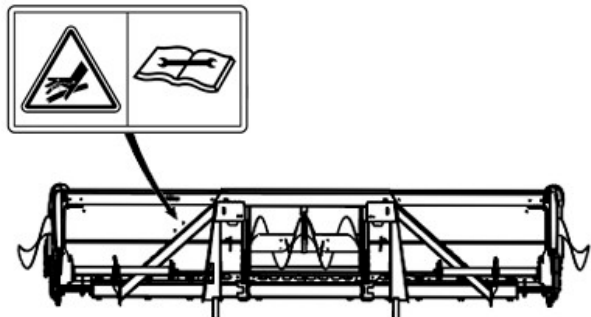


CQ1363612—UN—05APR24

Avoid serious injury from entanglement. Stop engine and remove key before opening cleanout doors.

aernqxv,1712232047292-19-05APR24

Hydraulic Oil and Gas Under Pressure



CQ1363617—UN—05APR24

Attaching and Detaching

Attaching and Detaching Corn Header to Forage Harvester or Corn Husker

For attaching or detaching corn header on a forage harvester or a corn husker, see the Operator's Manual of the corresponding machine.

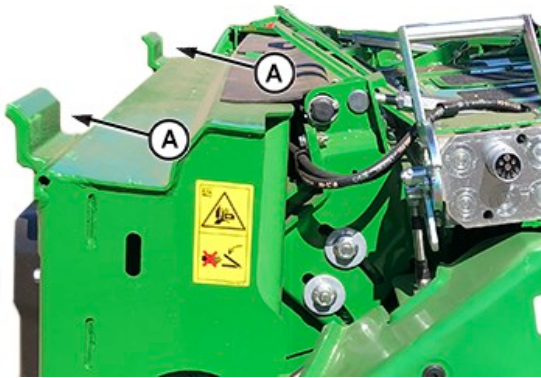
KP318TH,0000060-19-05NOV21

Attaching Front-End Equipment to Combine

IMPORTANT: See combine Operator's Manual for specific tires required when using this header.

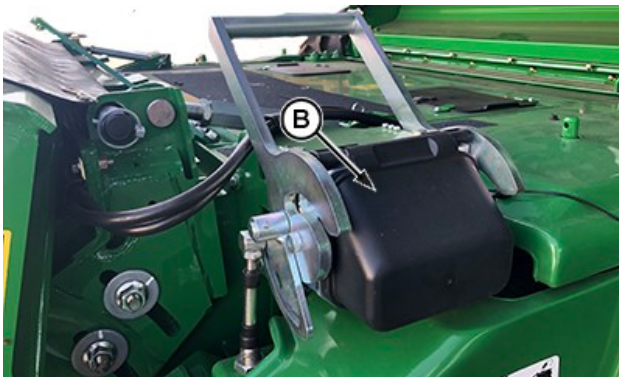
Locking pins are not to be actuated with header on ground. If multicoupler must be actuated with header on ground, unhook cable from handle.

1. Sound horn, start engine, and lower feeder house. Drive combine slowly forward until feeder house is centered in opening of coupling structure.



CQ1355533—UN—29DEC23

2. Fully raise header, checking that two feeder house hooks (A) secure front face of main header beam.
3. Set park brake, shut off engine, and remove ignition key.
4. Lower safety stop.

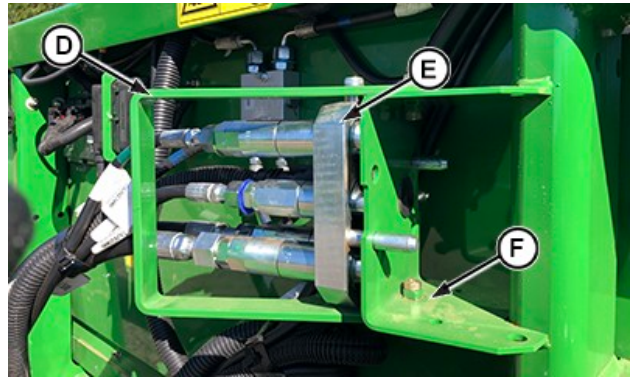


CQ1355534—UN—29DEC23



CQ1355535—UN—29DEC23

5. Remove cover (B) and clean multicoupler face (C).

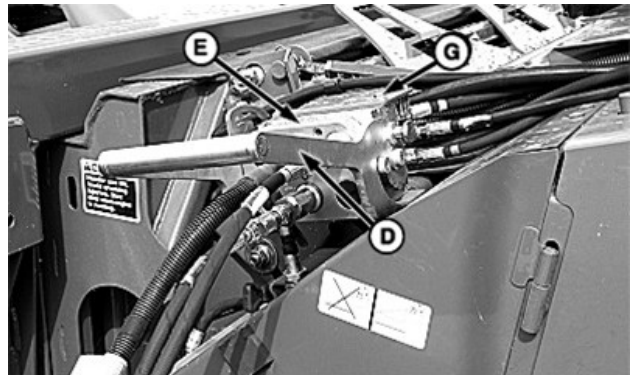


CQ1355536—UN—29DEC23

6. Open lever (D) and remove multicoupler (E) from storage support (F).

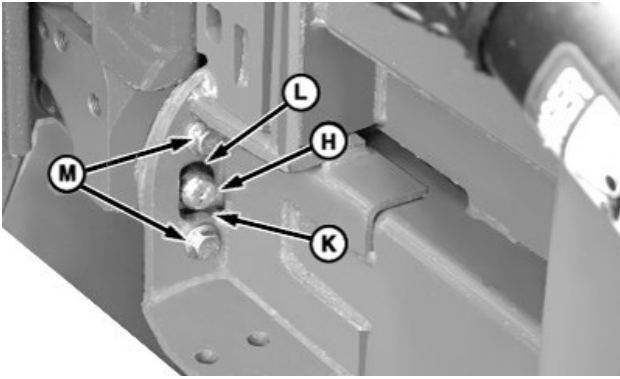
NOTE: To prevent damage to the hitch cable, a shear screw is attached to the lever. Attempts to engage locking pins with header on ground shears off this screw on the lever.

With header attached, locking pins must move freely through receiving holes in locking plate. If locking pins do not extend through locking plates, make sure that header locking plates are properly adjusted.

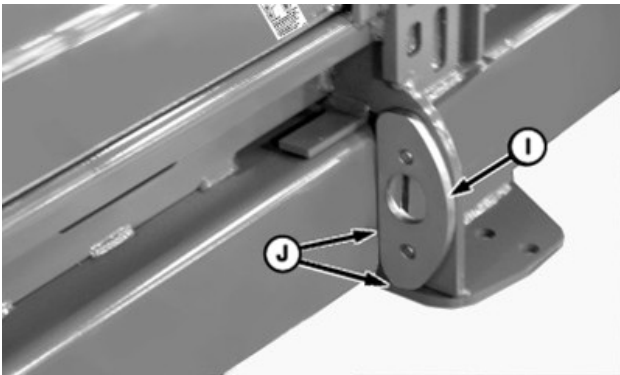


BML022316—UN—28OCT21

7. Install multicoupler (E) to receptacle (G) and close lever (D).



BML022317—UN—28OCT21



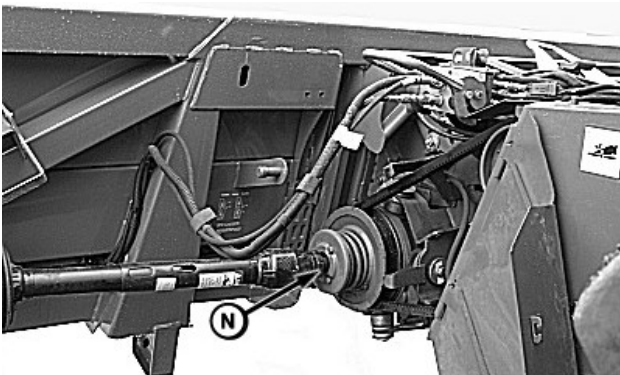
BML022318—UN—28OCT21

Locking pins (H) must move freely through bores of header locking plate when multicoupler is locked. Locking plate (I) must be in contact with support (J). It is preferable to have a smaller play (K) between lower part of plate and pin than top of plate (L) and pin and require that locking plate is inverted.

8. **If adjustment is necessary:** remove screws (M). Invert locking plate (I) top-down and reinstall.
9. Tighten M12 screws to specification.

Specification

M12 Screws—Torque. 130 N·m
(96 lb·ft)



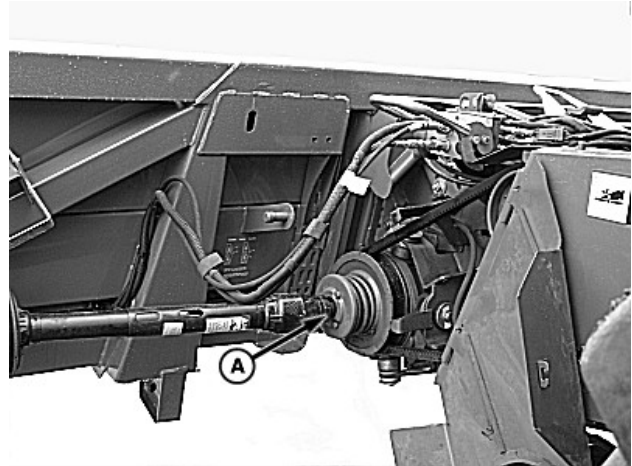
BML022320—UN—28OCT21

10. Remove telescopic shaft (N) from storage position and install it to feeder house rear shaft. Make sure that the quick-coupling collar is fully locked.

aernqxv,1703792459077-19-12JAN24

Detaching Front-End Equipment from Combine

CAUTION: If the feeder house is accidentally engaged, personal injury or machine damage may occur. Do not leave the driveshaft connected to the feeder house.



H89395—UN—31JUL07

1. Disconnect telescopic driveshaft at quick disconnecting coupler (A) at the left-hand side or both sides of feeder house.



CQ1355510—UN—29JAN24

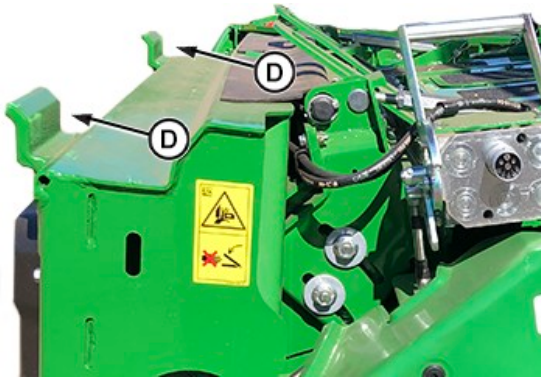
2. Store telescopic driveshaft in storage position (B).

IMPORTANT: Locking pins are not to be actuated with header on ground. If multicoupler must be engaged with header on ground, unhook cable from lever.

NOTE: Locking pins must be retracted when lever is entirely in contact with stop. Adjust installation of cable if locking pins are not retracted. (See Single Point Lock — Adjusting in this session)

3. Remove quick-lock pin and slide locking plate through multicoupler lock.
4. Raise lever to disconnect multicoupler.
5. Remove multicoupler cover from storage position on header and install it to combine multicoupler.

6. Disconnect multicoupler from combine and put in storage position (C).

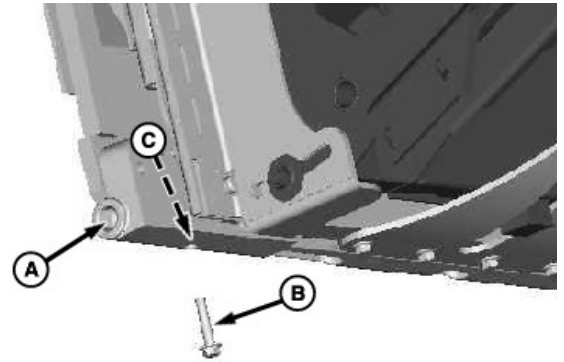


CQ1355511—UN—29JAN24

7. Sound horn, start engine, and lower feeder house until hooks (D) are below upper header beam.
8. Slowly back up the combine.

aernqxv,1703785241890-19-28DEC23

Feeder House Manual Unlatching

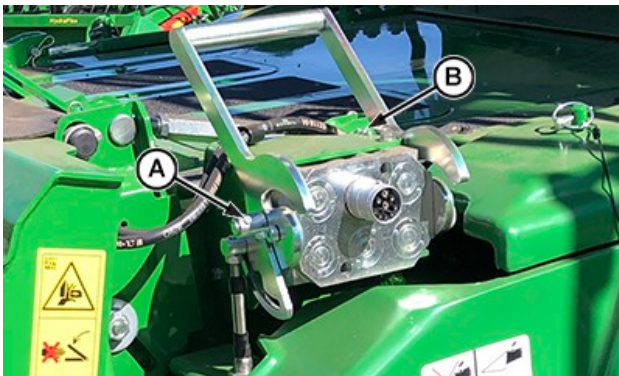


H74310—UN—18NOV02

To remove header if shear bolts fail, push latching pins (A) through latch plates and install a M12 screw (B) in hole (C). Repeat on opposite side.

KP318TH,000005E-19-05NOV21

Location of Locking Cable Shear Bolt



CQ1353950—UN—01DEC23

If shear bolt (A) breaks, remove and replace with an extra shear bolt (B). Three additional shear bolts are supplied.

aernqxv,1703784114683-19-28DEC23

Transport

Transporting Corn Header on a Trailer (If Equipped)



H88843—UN—31JUL07

Folding Points for Transport

CAUTION: Avoid injury. Comply with local regulations regarding load width, lighting, and markings.

IMPORTANT: Avoid damage. Don't transport the combine with corn header attached. Instead, transport corn header on a truck or trailer.

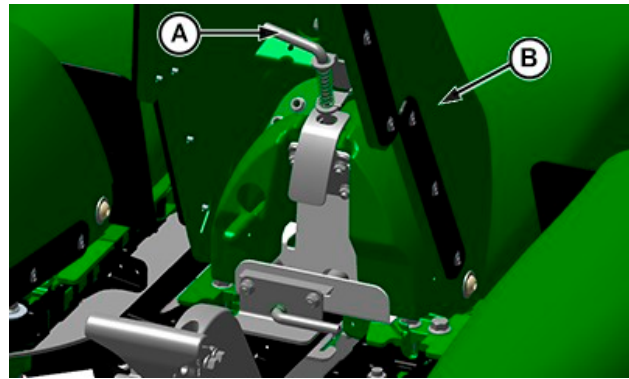
Follow the trailer manufacturer's recommendations regarding safe transport procedures. In the absence of manufacturer's instructions, follow these general guidelines:

- Do not transport trailers without brakes at speeds greater than 32 km/h (20 mph) and trailers with brakes at speeds above 40 km/h (25 mph).
- When towing always, attach an appropriately sized safety chain.
- Make sure that a slow moving vehicle sign is mounted at the rear of the trailer or header.
- Make sure that the rear of the trailer is equipped with red reflectors, two red tail lights, and turn signals.

See the combine's Operator's Manual for combine transport procedures.

If equipped with ACTIVE HEADER CONTROL (AHC) ground sensors, the sensors must be in storage position to prevent machine damage when folding up points of header (see instructions in this procedure).

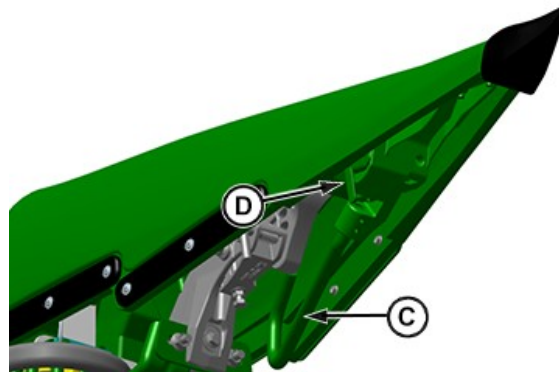
The stitch is folded up to reduce the width of the transport. (See **Folding Points for Transport** illustration).



CQ1355964—UN—29JAN24

Inner Divider:

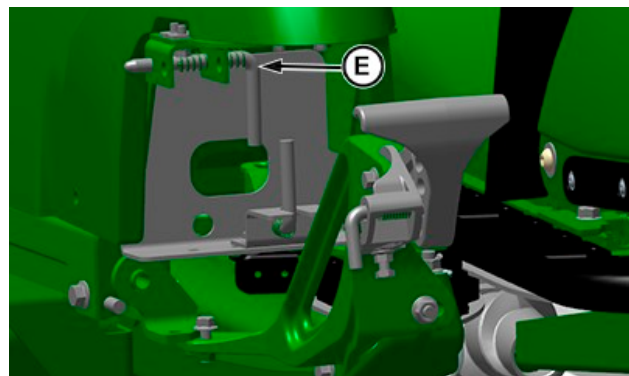
- a. Raise point (B) and engage locking pin (A).
- b. Put in storage position.



CQ1355965—UN—29JAN24

IMPORTANT: If equipped with ACTIVE HEADER CONTROL (AHC): Rotate sensor arm (C) up into storage position and retain with the storage locking pin (D).

NOTE: If the active header control sensor of your machine does not have a storage pin (D), the sensor arm (C) does not have a storage position.



CQ1355966—UN—29JAN24

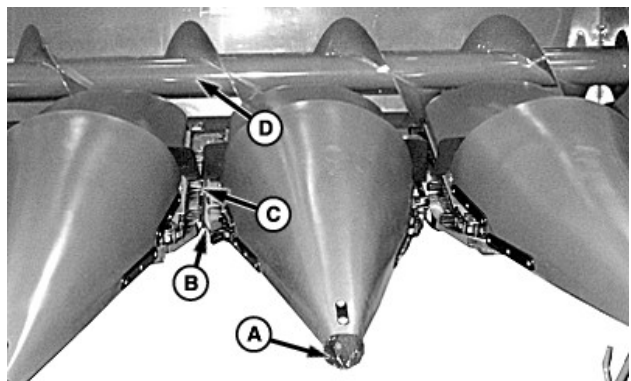
2. Outer Divider:

- a. Raise end until locking pin (E) engages.
- b. To lower, push hitch and lower end.

h3ymaet,1740501662083-19-25FEB25

Operating the Corn Head

General Information



The gathering points (A) are positioned between the rows of corn. Stalk rolls (B) grab the corn stalks and pull them rapidly down through the row unit.

When an ear of corn reaches the deck plates, the ear is prevented from going through due to the narrow opening. As the stalk rolls continue to pull on the stalk, the ear of corn is snapped off.

Gathering chains (C) catch the ears and carry them to auger (D), which delivers the ears to the combine feeder house.

aernqxy.1703593751442-19-08MAR24

IMPORTANT: The forward movement of the combine must be approximately the same as the rearward movement of the gathering chain flights or plugging can result.

D375S9O.000014B-19-30JUN20

Corn Head Speed of Travel

Forward combine travel must be close to the same speed as the rearward movement of the gathering chain flights.

If the ground speed is too fast, the gathering chains push the stalks forward and knock off the ears. If the ground speed is too slow, the gathering chains jerk the stalks back into the corn head, possibly shearing off the stalks or knocking off the ears.

OUO6041.000101D-19-15JUN20

Combines With Fixed-Speed Feeder House

Refer to Adjustments section for modifying header speed on fixed-speed feeder house combine.

Q7P4ZQ4.0000130-19-05NOV21

Starting in the Field

Operate the combine in lower gear until you become familiar with the corn header.

After making several rounds, stop the corn header shutoff engine, remove ignition key. Check all bearings for heating. All screws must be tight and chains properly adjusted.

Q7P4ZQ4.0000129-19-11NOV21

Drive and Operate Carefully

Drive carefully so the corn head stays on the rows. Never force the corn head or combine to the point of overloading. Overloading can cause breakdowns. Start out in a lower gear and increase the speed until the proper ground speed at which to operate is reached.

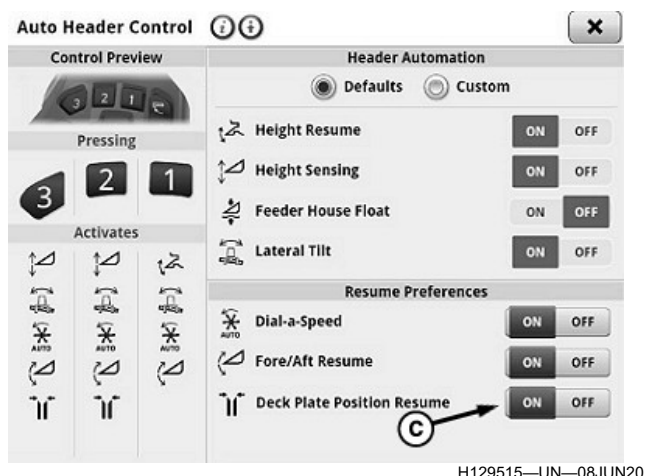
Listen for slipping clutches or other unusual noises. If the corn head becomes plugged, clean it out by keeping the engine at the operating speed, but decrease the ground speed until the corn head has been cleared.

CAUTION: Familiarize yourself with the combine and corn head Operator's Manuals.

Deck Plate Control and Resume G5 CommandCenter Display



CQ1356720—UN—16.JAN24



NOTE: For machines equipped with Gen4 and G5 CommandCenter Display, see Header Application Help or Operator's Station Help for further information.

Reel position switch on the multi-function lever (A) allows the operator to increase and decrease the opening of the adjustable deck plates.

System is active when:

- Engine is running.
- Road transport disconnect switch (B) is in the field position.
- Corn head is engaged.
- Deck plate adjust is activated on the display screen (C).

Setting Deck Plate Opening:

1. To increase the deck plate opening, press the left-hand side of the reel position switch (D).
2. To decrease the deck plate opening, press the right-hand side of the reel position switch (E).

NOTE: Deck plate position icon and the deck plate opening value appear on the CommandCenter Display.

Deck plates have a range of 0 (minimum opening) to 9 (maximum opening).

Deck Plate Resume:

1. Manually set the desired deck plate opening.
2. Press and hold activation button 1, 2, or 3 on the multi-function lever for 3 seconds to memorize the current deck plate position. Operator can now return to preset position any time by pressing the assigned activation button.

aernqxv,1703698685411-19-13FEB24

Harvesting Corn with Weakened or Broken Stalks

Stalks and ears when weakened by disease (stalk rot) or insects (corn borers), break off near to the ground when contacted by divider points and gatherer shields. This material is pushed into piles that prevent stalks from contacting the stalk rolls, then crop is lost and harvesting productivity is reduced.

The following is a list of possible solutions to these problems.

- Reduce combine ground speed.
- Increase corn header speed with the variable speed feeder house.
- Adjust deck plates as wide as possible without allowing ears to contact the stalk rolls.
- Remove ear savers.
- Replace stalk rolls if flutes are badly worn.
- Retime the gatherer chains so the flights are directly opposite from each other.

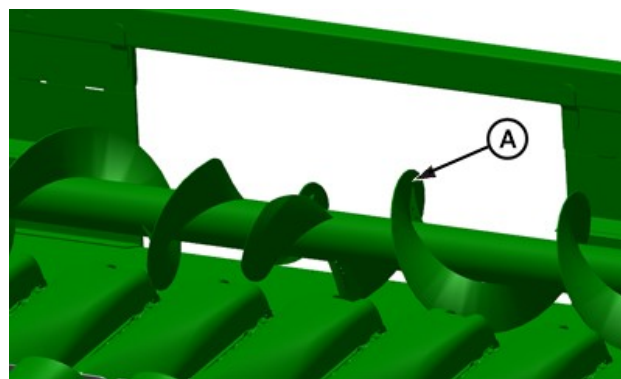
Q7P4ZQ4,0000131-19-05NOV21

Harvesting Popcorn

- Adjust the deck plates as close to each other as possible.
- Raise the cross auger so the largest diameter ear passes between the flighting and floor without contact.
- Decrease the corn head backshaft speed.
- Check combine Operator's Manual for correct settings.

D375S90,00001E6-19-01JUL20

Auger

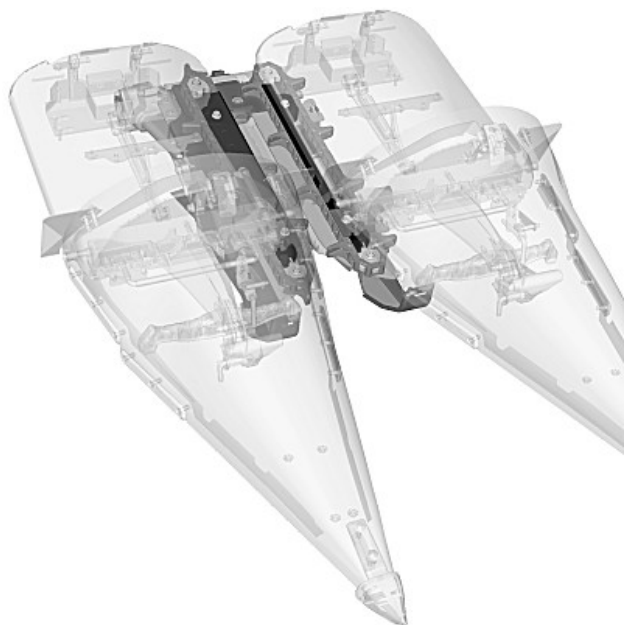


CQ1355382—UN—25FEB24

Auger (A) transports crop material from row units and directs crop material into feeder house.

aernqxv,1703594544181-19-26DEC23

Row Units



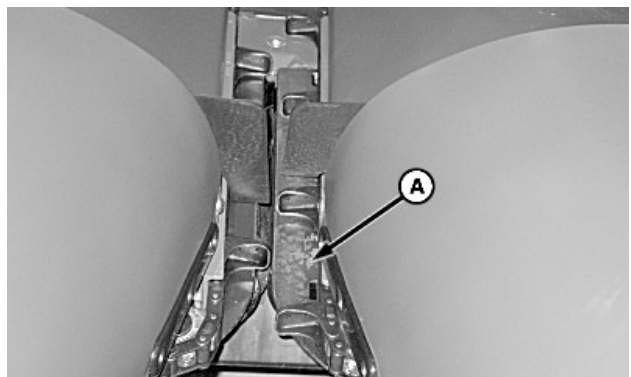
H99154—UN—22NOV10

An individual row unit houses a pair of trash knives, gathering chains, deck plates, and stalk rolls. Ears of corn are snapped from the stalk and conveyed to the auger by the row unit.

D375S90,00001E7-19-15JUN20

Hydraulic Adjustable Deck Plates

NOTE: To adjust or calibrate your deck plates, see your combine Operator's Manual.



H89701—UN—21AUG07

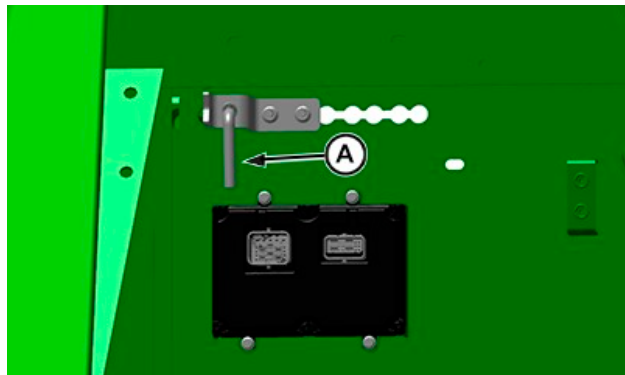
Hydraulic adjustable deck plates (A) allow the operator to adjust the deck plates from inside the cab for different stalk and ear sizes.

Deck plates can only be moved when the engine is running and the road transport disconnect switch is in the field position.

Pressing the reel forward switch opens the deck plates, and pressing the reel aft switch closes the deck plates.

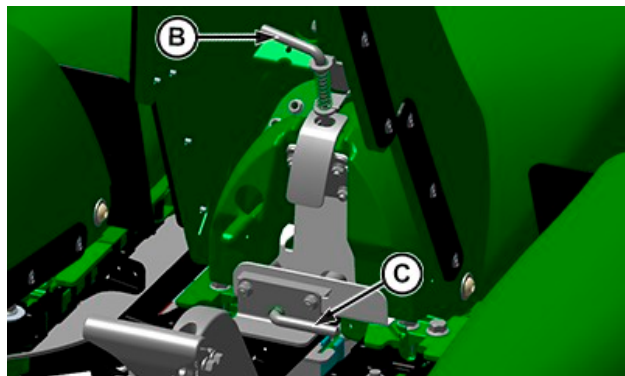
aernqxv,1703679199918-19-11JAN24

Raising and Inclining Points and End Fenders



CQ1355442—UN—10JAN24

1. Release locking pin (A) and turn it into locked position.



CQ1355441—UN—29JAN24

2. Raise end until locking pin (B) engages.
3. Release pin (C) and turn gatherer shield pointing outward.

aernqxv,1703675639818-19-11JAN24

Adjust Corn Header Properly

After making several rounds, check adjustments on corn header and combine. See Adjustments section.

Q7P4ZQ4,000012A-19-05NOV21

Engaging/Disengaging Corn Header

To engage the corn header, the following conditions must be met:

- Operator seated on operator's seat.
- Separator engaged before header.
- Engine in low idle.

NOTE: Consult your combine's Operator's Manual about switches to be engaged.

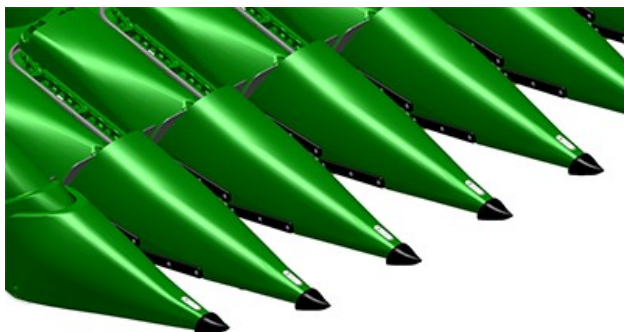
Q7P4ZQ4,000012C-19-19OCT21

Headers Compatible with AutoTrac™ RowSense™

The AutoTrac™ RowSense™ component can only be installed on Premium models of headers (that have Active Header Control installed) and have spacings of 45 cm, 50 cm, and 52.5 cm (17.7 in, 19.7 in, and 20.7).

Q7P4ZQ4,0000137-19-05NOV21

Gatherers



CQ1355452—UN—29JAN24

NOTE: All points must be adjusted to the same level.

For normal operation conditions, operate with the front of gatherer points just touching the ground.

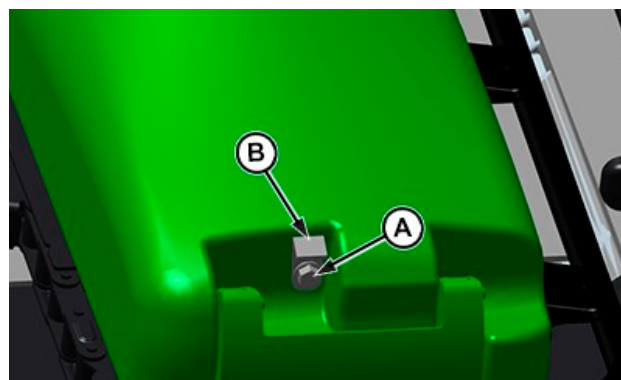
In muddy conditions or in snow, raise header high enough to prevent scooping material into throat opening.

aernqxv,1703680955675-19-11JAN24

Removing Point and Inner Divider Shield



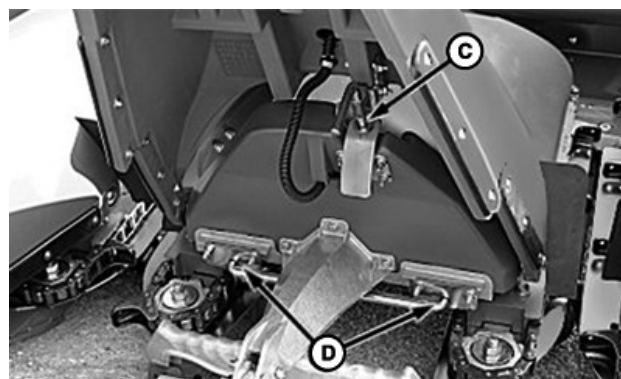
CQ1355494—UN—11JAN24



CQ1355495—UN—11JAN24

1. Loosen screw (A) on rear part of divider shield and raise stop (B) to vertical position.

IMPORTANT: Avoid damage. Don't overtighten screw (A).



BML022275—UN—21OCT21

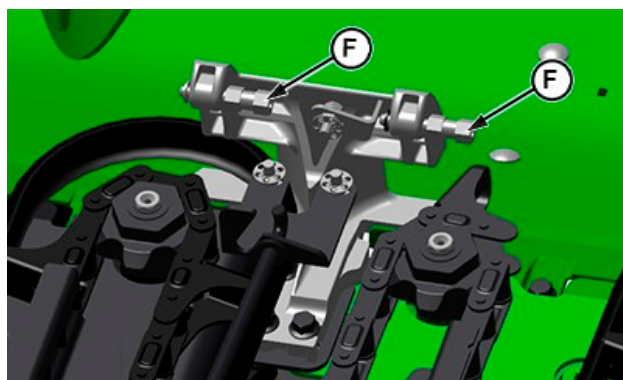
2. Raise gatherer point and secure using pin (C). Pull locking bar (D) and raise gatherer point.



CQ1355498—UN—29JAN24

3. If equipped, disconnect ACTIVE HEADER CONTROL sensor wiring of harness connector (E) from main wiring harness connector. Connector is located inside of plate cover, next to passage bore. Cut plastic tie band tied to rear part of cover and then remove connector to gain access.

CAUTION: Avoid injury. Point and shield assembly is heavy and awkward to handle.

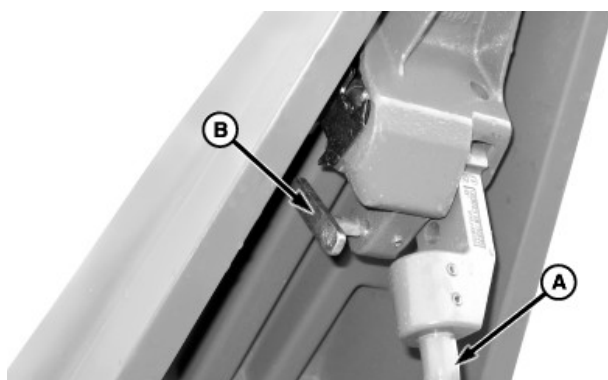


CQ1355499—UN—11JAN24

4. Slide the divider shield to the right-end side until shield is free of support pins (F).
5. Raise gatherer point and the divider shield assembly.

aernqxv,1703681879556-19-22FEB24

Loosening ACTIVE HEADER CONTROL Ground Speed Sensors (If Equipped)



CQ281118—UN—12JUN08

NOTE: This procedure is only for active header control sensors equipped with storage pin (B).

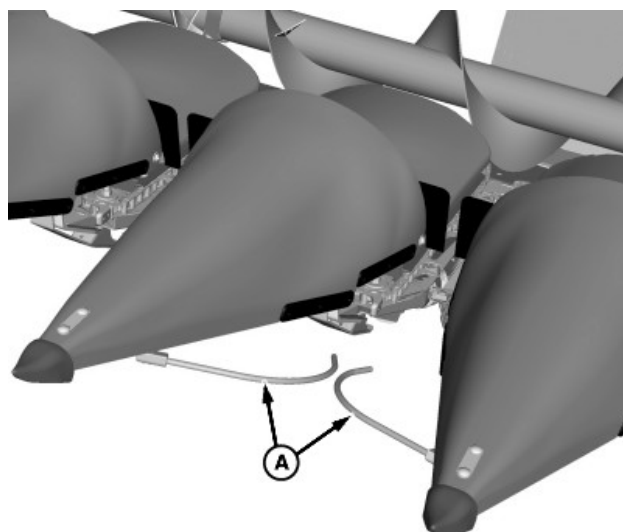
If the active header control sensor of your machine does not have a storage pin (B), the sensor arm (A) does not need to be unlocked for field operation.

To unlock sensor arm (A), sustain sensor arm (A) and pull out storage pin (B).

Storage locking pin remains in unlocked position for field operation.

h3ymaet,1739557274923-19-14FEB25

AutoTrac RowSense (If Equipped)



H95836—UN—25MAR10

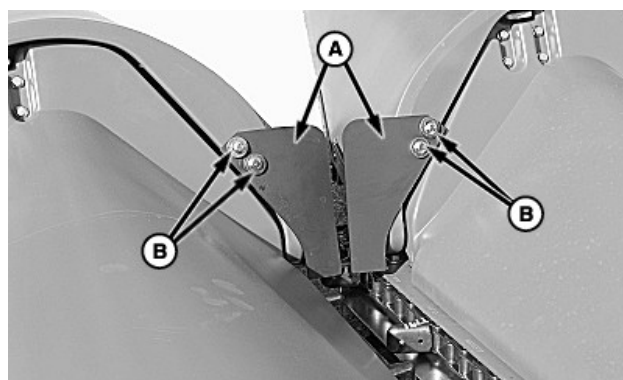
The AutoTrac RowSense uses inputs from sensors mounted on the corn header to assist the fitted GPS navigation in steering the combine during harvest.

When the cornstalks pass the points, they move an installed arm assembly mounted on sensor (A). The signals from these sensors are used to identify the corn row location and to carry out the required adjustments in order to keep the combine aligned with the crop.

For more information, contact your John Deere dealer or other service provider. (See your John Deere Warranty Administration Manual.)

aernqxv,1741782251427-19-12MAR25

Ear Savers



H89201—UN—12JUL07

Ear savers (A) prevent loss of ears sliding over the gatherer chains to the ground.

In downed corn, or if stalks tend to plug up at the gatherer throat opening, remove ear savers (A). Retain ear savers and screws.

In standing corn, reinstall ear savers (A) to prevent ear loss.

Replace ear savers (A) as follows:

Remove screws (B) holding ear savers in place and remove ear savers (A).

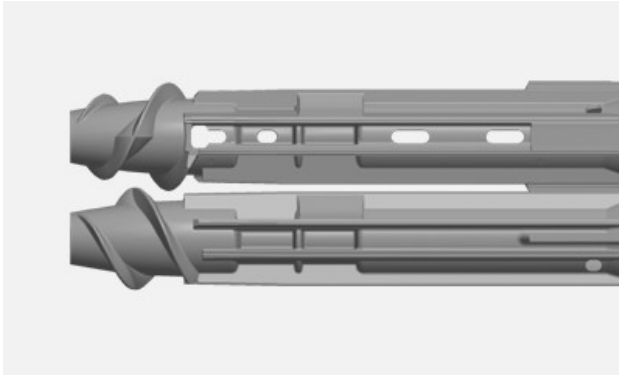
NOTE: When installing ear savers (A), tighten screws to specification.

Specification

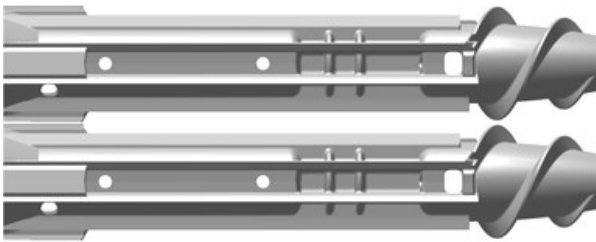
Screws—Torque. 20—25 N·m
(177—221 lb·in)

Q7P4ZQ4,0000139-19-01DEC21

Stalk Rolls



CQ289519—UN—16JUL11



BML029739—UN—28NOV22

Stalk Rolls for 612C (China Only), 624C, and 627C

Stalk rolls pull corn ears downward so that ears are separated from stalks and deposited on deck plates. John Deere 600C Series corn headers are equipped with straight stalk rolls, recommended for:

- Reduction of header cost
- Slow residue breakdown
- Maximization of residue at planting time
- Snow retention or humidity maintenance
- Improvement of residue flow through straight spacing tools when not plowing
- Complete shredding with a flail shredder
- Good performance in dry, moderately brittle conditions where stalks break off slightly below the ear

aernqxv,1712236970458-19-04APR24

Calibration and Programming

When to Calibrate

NOTE: All Calibrations: consult calibrations for your header in your combine's Operator's Manual.

Calibration procedures must be carried out before first use or if header height sensor, deck plate position sensor, or associated components were replaced.

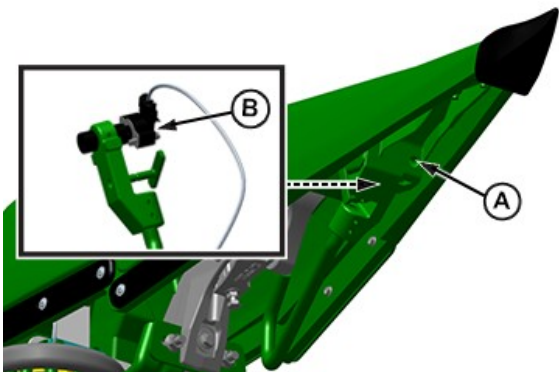
- Header Calibration
- Contour-Master™ Angle Sensor Calibration
- Adjustable Hydraulic Deck Plate
- Active Float Calibration

NOTE: Any condition causing error must be corrected before proceeding with calibration.

If there is any error during calibration procedure, error codes are shown on the combine's digital display.

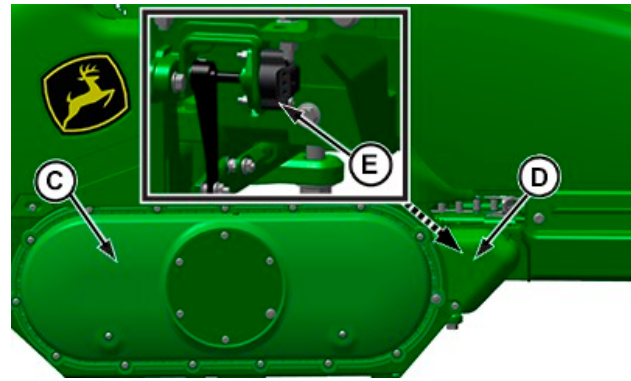
KP318TH,0000004-19-08NOV21

Corn Head Sensor Locations



CQ1355987—UN—29JAN24
Height sensor location

The header height sensors are positioned on center and both sides of corn header, in lower part of corn ear gatherer. The height sensor kit is mainly composed by a bracket, arm, rod and locking pin. The height sensor (B) is covered by bracket (A).



CQ1356041—UN—29JAN24
Deck plate position sensor location

NOTE: Header with more than 12 rows has two deck plate position sensors, both located on left and right hand sides of main frame, on the lower part.

For headers with less than 12 rows, the deck plate position sensor is located on the right-hand side of the machine.

The deck plate position sensor (E) is located next to cover (C) and covered by shield plate (D).

aernqxv,1704732483826-19-16JAN24

Calibration Error Codes

IMPORTANT: Conditions causing the error code must be corrected before the calibration procedure can continue.

If any error codes occur (ERxx) during the calibration procedures, call your John Deere dealer with the error code number.

KP318TH,0000005-19-21OCT21

User Calibration Procedures Generation 5 CommandCenter Display

NOTE: For machines equipped with Generation 5 CommandCenter Display, see Calibrations Application Help or Operator's Station Help for further information.

Calibrations are performed using instructions shown on screen. Operator selects the diagnostics menu, selects desired calibration, and follows instructions given.



CommandCenter Display

1. Select Menu (A).



BML020429—UN—17SEP20

2. Select Machine Settings tab (B).
3. Select the Calibrations & Procedures application (C).



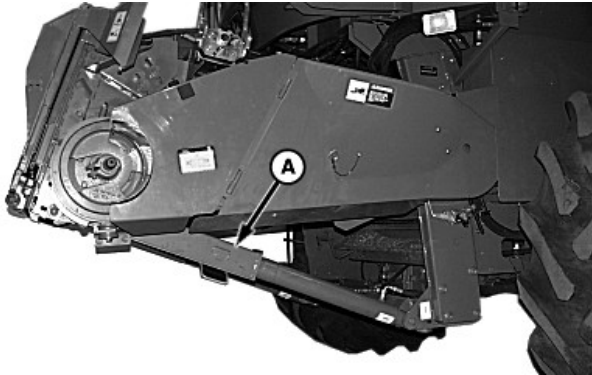
H119225—UN—23SEP16

4. Select the tab Header in the Calibrations and Procedures screen.

Adjustments - Corn Head

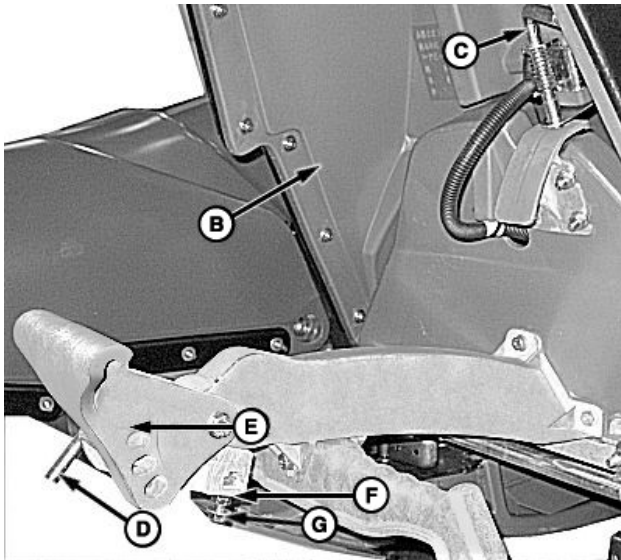
Adjusting and Leveling Gatherer Points

CAUTION: Avoid serious injury or death. Prevent header from lowering. When working under the corn head, always place hydraulic cylinder safety stop (A) in safety position.



H70038—UN—19SEP01

1. Raise corn header until gatherer points (B) are off the ground.
2. Shut down engine and remove ignition key.

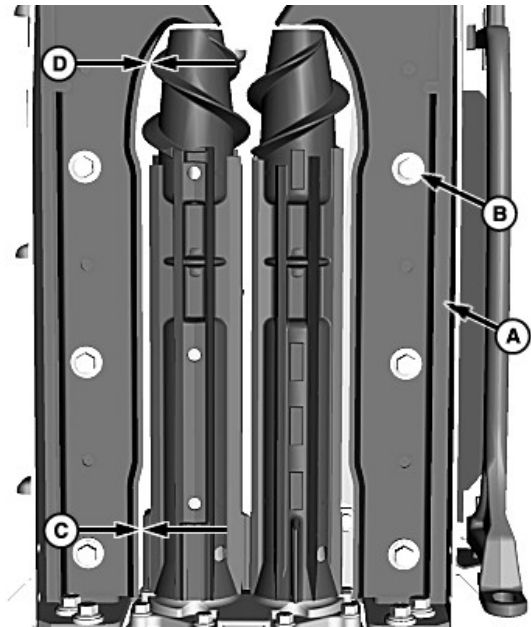


BML022283—UN—08NOV21

3. Raise gatherer point (B) and engage locking pin (C).
4. Remove spring locking pin (D) and adjust height using localization bores (E).
5. The gatherer points can also be fine adjusted by loosening locknut (F) and adjusting bolt (G) upward or downward.
6. Repeat the previous steps to raise and adjust the remaining gatherer points.

aernqxv,1705692896280-19-15FEB24

Adjusting Rasp Plates



H101481—UN—17MAY11

Rasp plates (A) prevent weeds and straw from wrapping around stalk rolls.

Rasp plates (A) must be set as close as possible to the rolls without striking the flutes.

1. Loosen screws (B).
2. To make sure that play between lug and rasp plate (C) is within specification, check rear part of rasp plate:

Specification

Maximum Play—Stalk Roll Lug-
to-Rasp Plate—Play. 1.5 mm
(1/16 in)

3. Adjust the play between stalk roll spiral and rasp plate (D) allowing stalk roll to turn.
4. Install screw (B) according to specification.

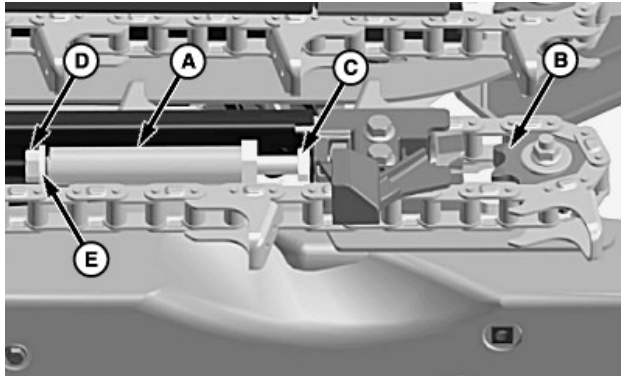
Specification

Rasp Plate Attaching
Screws.—Torque. 130 N·m
(96 lb·ft)

5. Manually turn stalk rolls and make sure that there is no contact between stalk roll and rasp plate (A).
6. Repeat procedure on opposite rasp plate (A) and remaining row units.

KP318TH,000003B-19-01DEC21

Adjusting Gatherer Chain Tension



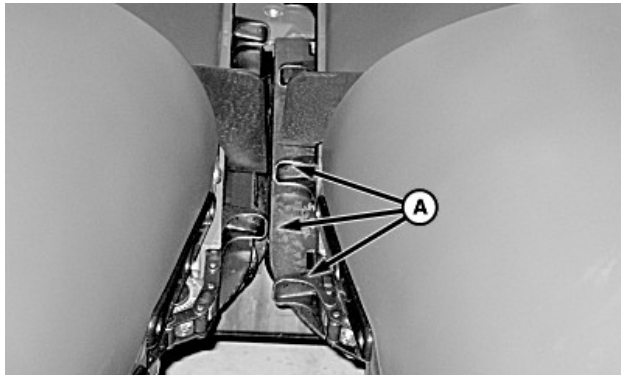
H120815—UN—15FEB17

Gatherer chain tension is maintained by a spring-loaded tightener. The spring is shielded by a spacer tube (A) that also serves as a stop to prevent the idler sprocket (B) from retracting too far.

- To increase the gatherer chain tension, loosen nut (C) and tighten cap screw (D).
- To prevent the chain from running off the idler sprocket, maintain a 4.8 mm (3/16 in) maximum space between spacer tube (A) and washer (E).

aernqxv, 1704390947658-19-04JAN24

Adjusting Gatherer Chain Lugs

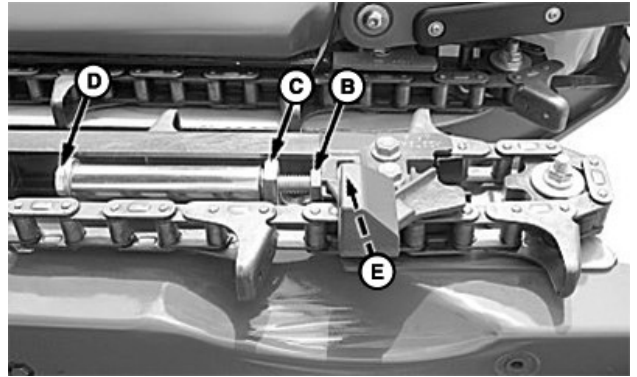


H89420—UN—01AUG07

The gatherer chains are assembled in the factory with the chain lugs (A) staggered between one another.

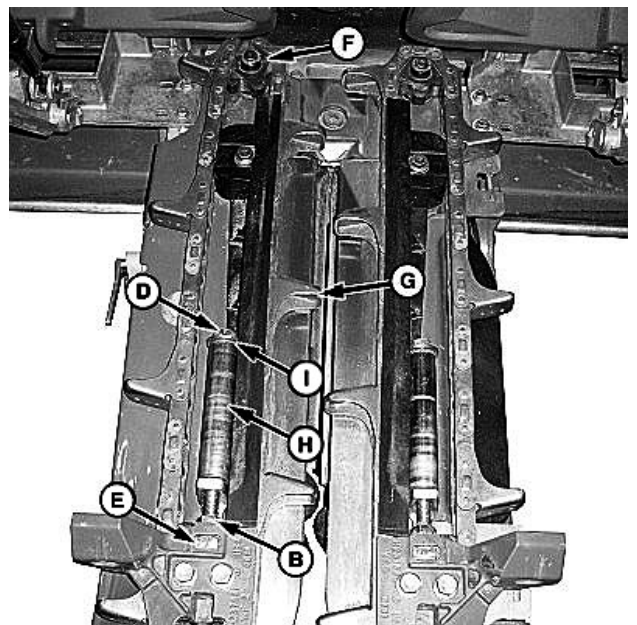
IMPORTANT: Be careful to avoid rocks and other obstructions in the row when running gatherers close to the ground.

1. Remove center shield.



BML022284—UN—25OCT21

2. Turn nut (B) until contacting leg (C) of idler support.
3. Loosen screw (D) until nut (E) is released.

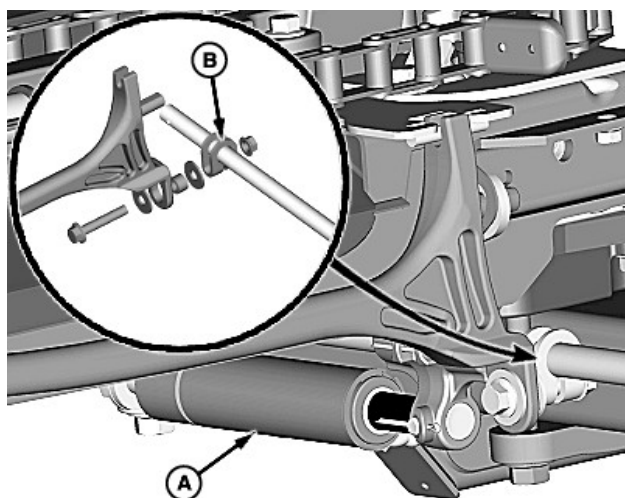


BML022285—UN—25OCT21

4. Remove chain from sprocket (F) and rotate chain until lugs (G) are opposite from each other.
5. Insert screw (D) into nut (E) and tighten screw until there is a 4.8 mm (3/16 in) maximum space between spacer tube (H) and washer (I).
6. Tighten nut (B) against idler assembly.

KP318TH,000003D-19-08NOV21

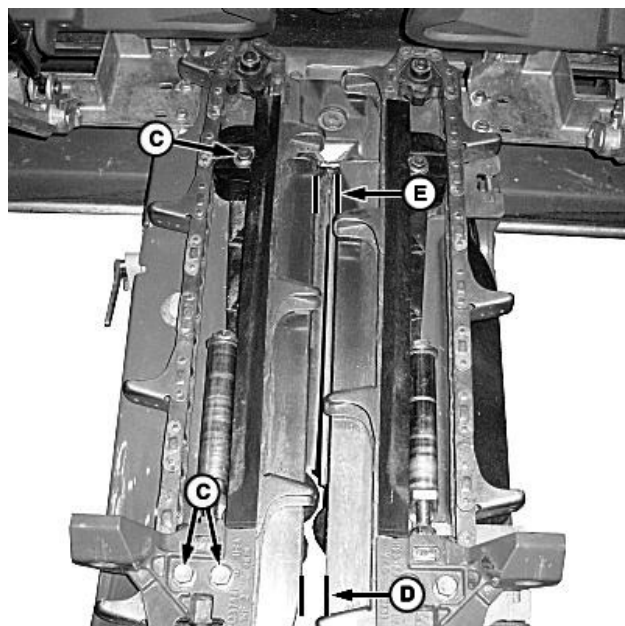
Adjusting Deck Plates



H90238—UN—14JAN09

NOTE: Deck plates are factory adjusted.

1. Adjust deck plates in closed position (cylinder (A) extended). Check if left-hand side deck plates are in closed position and readjust and tighten clamp, if necessary.
2. Clamp (B) must be closed and secure connecting rod when screws are tightened. Install pivot arms to other row units.



BML022286—UN—25OCT21

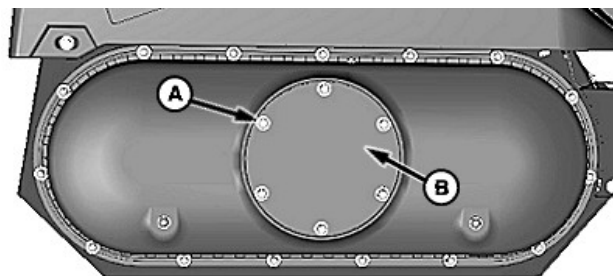
3. Loosen screws (C) that attach right-hand side deck plate to row unit frame.
4. Adjust front spacing (D) to 18 mm (23/32 in) and rear spacing (E) to 20 mm (25/32 in).
5. Tighten screws (C) to specifications.

Specification

Deck Plate Screws—Torque. 130 N·m
(96 lb·ft)

KP318TH,000003E-19-08NOV21

Adjusting Row Unit Drive Chain



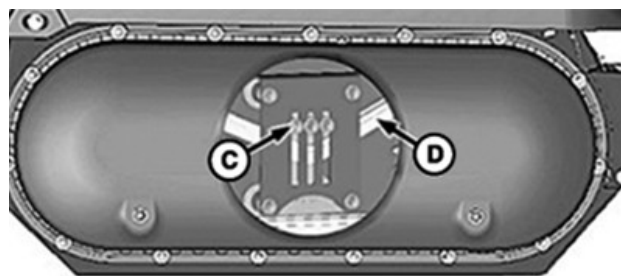
H88819—UN—14JAN09

1. Remove access door screws (A) and access door (B).

Specification

Access Door Screws
(A)—Torque. 17 N·m
(13 lb·ft)

IMPORTANT: Avoid machine damage. An overtightened chain causes undue chain wear. The row unit chain is a continuous chain without a connector link.



BML022290—UN—25OCT21

2. Adjust the drive chain (D) tightener (C). Lower chain strand has a play in chain with movement of 10 mm (3/8 in) up and 10 mm (3/8 in) down. Tighten screws to specification.

Specification

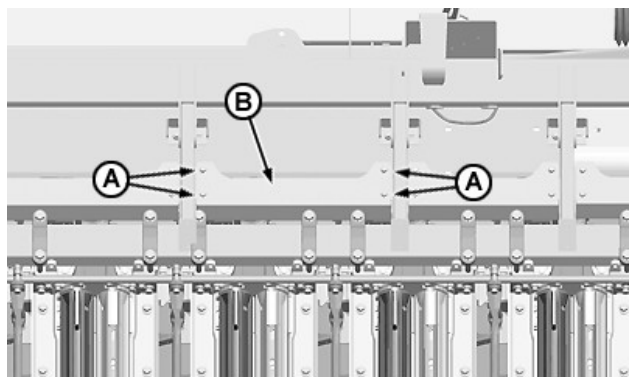
Tightener Screws.—Torque. 87 N·m
(65 lb·ft)

3. Reinstall access door (B) with retained screws.

aernqxv,1704393540047-19-22FEB24

Adjusting Row Spacing

IMPORTANT: To carry out row spacing modification, it is necessary to purchase some parts. Contact your John Deere dealer or other service provider. (See your John Deere Warranty Administration Manual.)

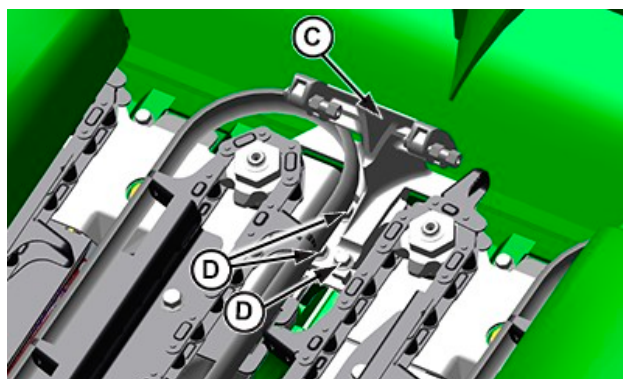


CQ289520—UN—18JUL11

1. Remove and retain attaching screw (A) and row unit drive shield (B).

CAUTION: Avoid serious injury or death. Prevent header from lowering. When working under corn header, always place the cylinder safety stop in safety position.

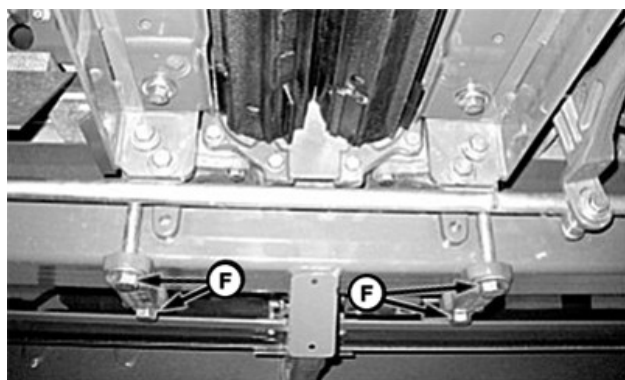
2. Remove shields and gatherer points. (For information, see Raising and Inclining Points and End Fenders in Operating the Corn Head section).
3. To remove remaining shields, repeat previous steps.



CQ1357367—UN—23JAN24

4. Remove support screws (D) and support (C).

NOTE: To move row units to required location, use appropriate lifting devices to suspend and support lower part of row unit skid plates, maintaining weight of unit on main frame.

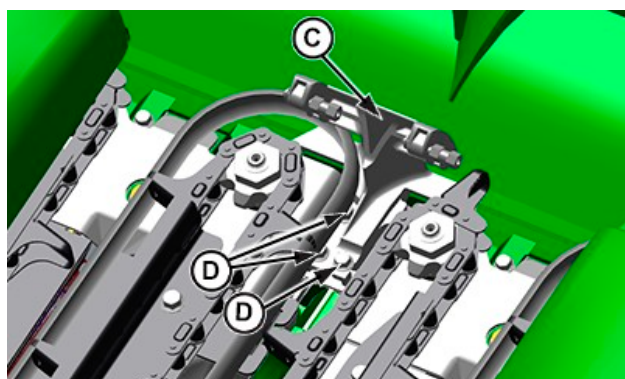


BML022289—UN—25OCT21

5. Loosen screws (F) of the two central row units. To correct row spacing, move the two row units to an equal distance. Then, move next external row unit. Loosen screws and move the row unit to required spacing and continue until all row units are at correct spacing. Tighten row unit attaching screws to specification.

Specification

Row Unit Attaching	
Screws—Torque.	310 N·m (229 lb·ft)



CQ1357367—UN—23JAN24

6. Position support (C) at required spacing and attach it with the support screws (D).

Specification

Gatherer Shield	
Support—Torque.	70 N·m (52 lb·ft)

7. Reinstall shields and points to row units.
8. If equipped, connect sensor harness and push connector into plate cover opening. Secure wiring harness at yellow stripes on harness to assure the correct play of raising points.
9. Reinstall row unit drive shield (B).

aernqxv,1741782400045-19-12MAR25

Adjusting Row Unit Drive Sprockets with Fixed Speed Drive Only

NOTE:

- **Headers with 4100 to 4550 mm (161 to 179 in) chassis width** are driven from left-hand side using by default 30-tooth drive sprockets and 33-tooth driven sprockets.
- **Headers with more than 5000 mm (197 in) chassis width** are driven from left-hand side using by default 30-tooth drive sprockets and 33-tooth driven sprockets.

IMPORTANT: Avoid machine damage. These sprockets must not be modified on combines with variable speed drive. Alterations of corn header sprockets with a variable speed feeder house result in excessive speed of corn header and damage to the machine. Front driven shaft must never exceed 715 rpm.

1. Drain oil and remove pan (see Remove and Install Oil Pan in Service section).
2. Loosen and remove transmission chain.
3. Remove and install drive sprockets as necessary.
4. Install transmission chain and adjust tension properly (see Adjusting Row Unit Drive Chain in Adjustments - Corn Head section).
5. Install oil pan.
6. Add lubricant to the proper level (see Remove and Install Oil Pan in Service section).
7. Repeat procedure on double drive headers.

IMPORTANT: Avoid machine damage. For headers with double drive (driven at both sides), sprockets must have same setting on both sides.

Combines

NOTE: Recommended ground speed in chart is based on average field conditions. Conditions during operation differ, requiring other sprocket settings.

When operating at higher speeds, install smaller sprockets to driven shaft and greater sprockets to driveshaft.

Recommended Ground Speeds x Sprocket Setting		
Recommended Speeds	Drive Sprocket	Driven Sprocket
7 km/h (4 mph) or Less	30-Tooth	33-Tooth

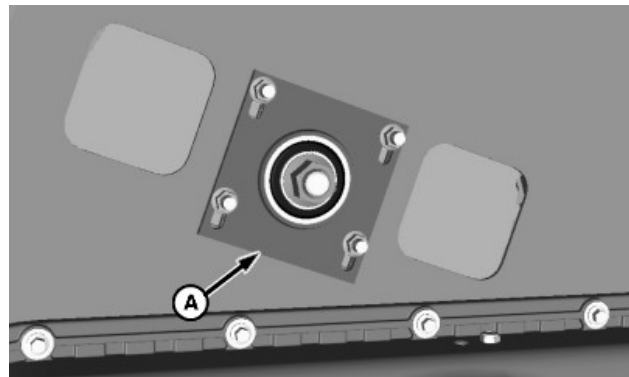
Recommended Ground Speeds x Sprocket Setting		
Above 7 km/h (4 mph)	33-Tooth	30-Tooth

aernqxv,1704399999927-19-22FEB24

Adjusting Auger Height

CAUTION: Keep safety shields in place.

NOTE: Only corn headers with more than 12 rows have 2 augers and requires additional height and fore/aft adjustment.



H88528—UN—18MAY07

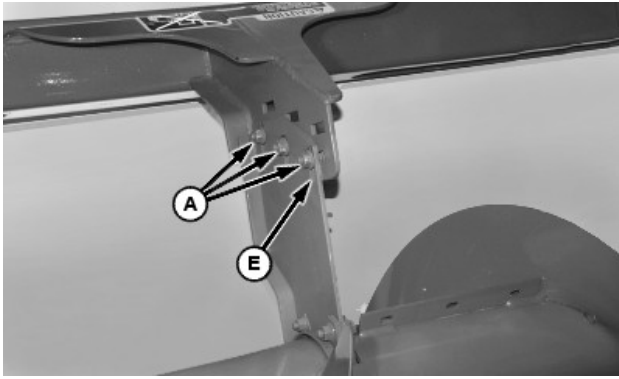
1. The auger bearing supports (A) are slotted on both sides of main frame for adjusting auger. Auger can be adjusted up and down for clearance between auger fins and the floor.
2. Keep auger adjusted downward for most conditions. Raise auger to avoid damage to popcorn and normal corn ears.
3. In normal conditions, ensure a minimum clearance of 6 mm (0.24 in) between auger and lower stripper of adjustable auger.
4. In normal conditions, ensure a minimum clearance of 32 mm (1.26 in)¹ between auger fins and lower part of the floor.
5. In order to raise the auger 76 mm (3 in) from ground (for normal corn), bearing supports may be removed and auger raised to install screws to upper slotted holes at each side.

12-Row Auger Adjustment

NOTE: This instruction applies only for corn headers with more than 12 rows.

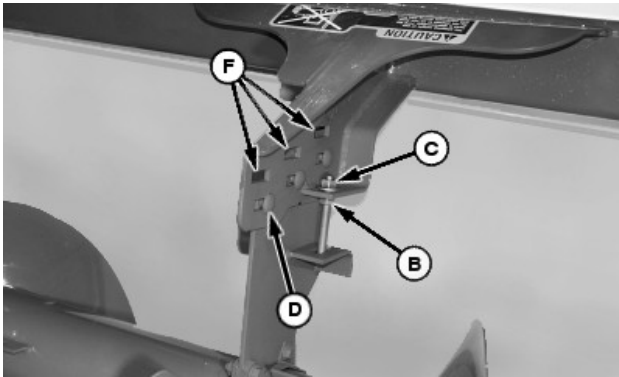
Adjust auger height and fore/aft position as follows:

¹ This measure varies according to auger variations.



CQ281125—UN—11JUN08

1. Loosen three flange nuts (A).



CQ281126—UN—11JUN08

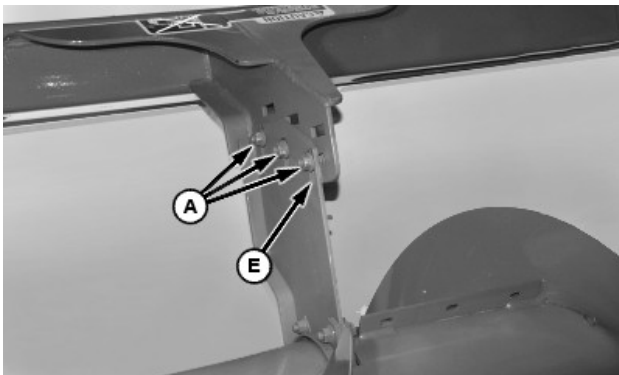
2. Loosen nut (B).
3. To move auger up or down, adjust nut (C).
4. Move auger fore/aft as necessary according to requirements.

IMPORTANT: There must be a 22 mm (7/8 in) clearance between auger flighting and floor, and a 6 mm (1/4 in) clearance between auger flighting and stripper.

Specification

Auger Flighting and Floor—Play. 22 mm (7/8 in)

Auger Flighting and Stripper—Play. 6 mm (1/4 in)



CQ281125—UN—11JUN08

5. If raising auger 76 mm (3 in) off the floor for use on food corn, remove carriage screws (D) and raise

auger to align holes (E) with top holes (F). Install screws and secure with nuts.

6. Tighten all nuts to specification.

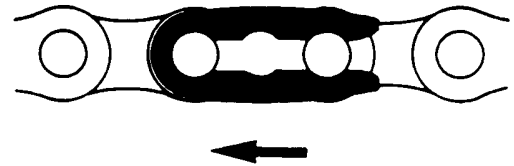
Specification

Nuts—Torque. 90 N·m (66 lb·ft)

7. Install auger shield and tighten nuts.

aernqvx,1704454051096-19-02FEB24

Coupling the Chain



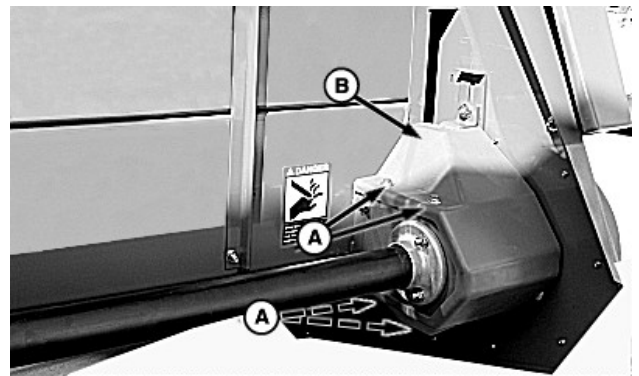
H41470

H41470—UN—28NOV89

When securing a chain coupler link, the closed end of the spring lock must face the direction of chain travel.

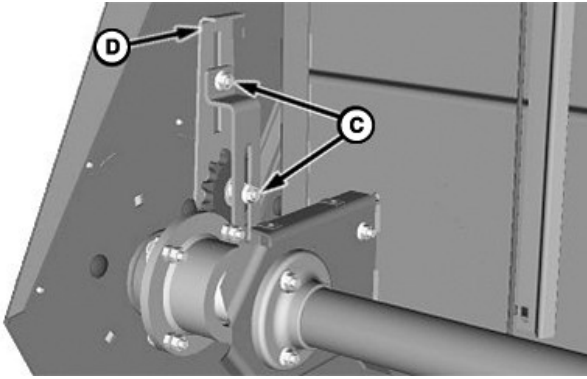
D375S90,00001F5-19-16JUN20

Adjusting Auger Drive Chain



CQ281127—UN—11JUN08

1. Remove screws (A) and cover (B).



BML022291—UN—25OCT21

2. Slacken off nuts (C). To adjust chain tension, push adjusting plate (D).
3. Tighten nuts (C) to specification.

Specification

Nuts (C)—Torque. 90 N·m
(66 lb·ft)

NOTE: An overtightened chain causes undue chain wear. Set chain tension so slack side movement is 10 mm (3/8 in) up and 10 mm (3/8 in) down.

aernqxv,1704400957320-19-04JAN24

Ballast Requirements

NOTE: Consult Ballast Requirements in section 80-Wheels, Tires, and Ballasting on combine Operator's Manual for detailed information about ballasting requirements.

aernqxv,1704452119337-19-05JAN24

Lubricants

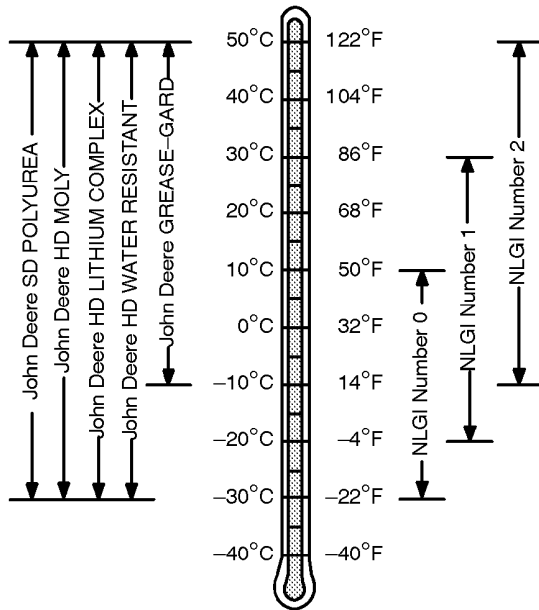
Corn Head Grease

John Deere Corn Head Grease is recommended.

You may also use SAE Multipurpose Grease with Extreme Pressure (EP) Performance and meeting NLGI Consistency Number 0.

DX,CORN-19-11APR11

Grease



TS1667—UN—30JUN99

Use grease based on NLGI consistency numbers and the expected air temperature range during the service interval.

The following grease is recommended:

- John Deere SD POLYUREA GREASE (TY6341)

Other greases may be used if they meet the following:

- NLGI Performance Classification GC-LB

IMPORTANT: John Deere SD POLYUREA GREASE (TY6341) is the required grease for the feeder house torque sensing cams.

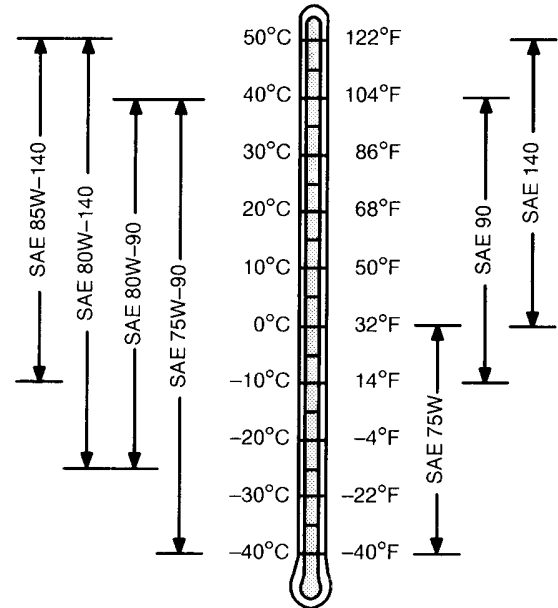
Some types of grease thicken and are not compatible with others.

If grease fitting is missing, replace immediately. Clean fittings thoroughly before using grease gun.

Product Number	Description
TY6341	Multi-Purpose, High-Temperature Extreme Pressure Grease, especially effective in rolling contact applications.

aernqxv,1704386043530-19-04JAN24

Gear Oil



TS1653—UN—14MAR96

Use an oil viscosity suitable for the expected air temperature range during the period between oil changes.

The following oils are preferred:

- John Deere EXTREME-GARD™
- John Deere GL-5 GEAR LUBRICANT

Other oils may be used if they meet the API GL-5 service classification.

DX,GEOIL-19-31MAY07

Lubricant Storage

Your equipment can operate at top efficiency only when clean lubricants are used.

Use clean containers to handle all lubricants.

Store lubricants and containers in an area protected from dust, moisture, and other contamination. Store containers on their side to avoid water and dirt accumulation.

Make certain that all containers are properly marked to identify their contents.

EXTREME-GARD is a registered trademark of the Deere & Company.

Properly dispose of all old containers and any residual lubricant they may contain.

DX,LUBST-19-11APR11

Alternative and Synthetic Lubricants

Conditions in certain geographical areas may require lubricant recommendations different from those printed in this manual.

Some John Deere brand coolants and lubricants may not be available in your location.

Consult your John Deere dealer to obtain information and recommendations.

Synthetic lubricants may be used if they meet the performance requirements as shown in this manual.

The temperature limits and service intervals shown in this manual apply to John Deere branded fluids or fluids that have been tested and/or approved for use in John Deere equipment.

Re-refined base stock products may be used if the finished lubricant meets the performance requirements.

DX,ALTER-19-13JAN18

Mixing of Lubricants

In general, avoid mixing different brands or types of oil. Oil manufacturers blend additives in their oils to meet certain specifications and performance requirements.

Mixing different oils can interfere with the proper functioning of these additives and degrade lubricant performance.

Consult your John Deere dealer to obtain specific information and recommendations.

DX,LUBMIX-19-18MAR96

Lubrication and Maintenance

Lubrication Symbols

Perform the following steps before lubricating:

1. Turn off engine.
2. Remove ignition key.
3. Set safety stops.

CAUTION: Never lubricate or service the corn header while combine engine is running.



Lubricate with John Deere Multipurpose SD Polyurea High Temperature/Extreme Pressure lubricant or an equal SAE Multipurpose High Temperature Grease with extreme pressure (EP) performance at hours shown on the symbol.



Lubricate with John Deere SAE 30 oil or a heavier oil at hourly intervals indicated on the symbols.

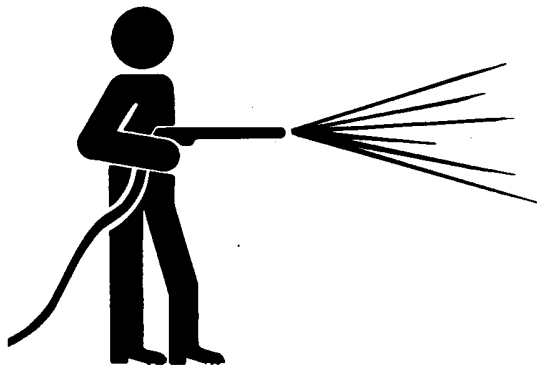


Lubricate with John Deere corn header grease (type "O" [zero] extreme pressure) at hourly intervals indicated on the symbols. The lubricant is available in a 0.4 kg (14-1/2 oz) tube AN102562. Clean away all grease and dirt before removing inspection plugs. Wipe grease fittings before lubricating.

IMPORTANT: Recommended service intervals are for average conditions. Service **MORE OFTEN** if corn header is operated under adverse conditions.

Q7P4ZQ4,000013E-19-11NOV21

Using High-Pressure Washers



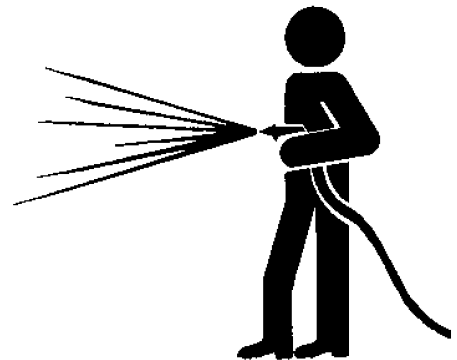
T6642EJ—UN—18OCT88

IMPORTANT: High-pressure washers are a very effective means of cleaning the corn head. To avoid damage to the corn head, do not go closer than 1 m (39 in) and spray at an angle between 45—90° when cleaning sealing surfaces, seals, and decals. Maximum pressure must not exceed 12 000 kPa (120 bar) (1740 psi).

Do not, under any circumstances, spray or wash components with cold water when hot. Do not use rotary nozzles or water at temperatures over 50°C (122°F), and do not aim at seals. Keep the water jet moving at all times. Cooling units, bearings, and electronic/electrical equipment must not be cleaned with high-pressure washers. Follow the instructions in the high-pressure washer Operator's Manual and manuals of attached equipment.

BJN2CS6,00001AE-19-01JUL20

Using Pressurized Air



RW56455—UN—30JUN97

IMPORTANT: Directing pressurized air at electronic/electrical components or connectors may cause buildup of static electricity and product malfunctions.

BJN2CS6,00001B0-19-01JUL20

Important Considerations

Follow the lubrication and maintenance intervals specified in this manual when operating the corn head in normal conditions.

When operating the corn head in severe or adverse conditions, reduce the lubrication and maintenance intervals.

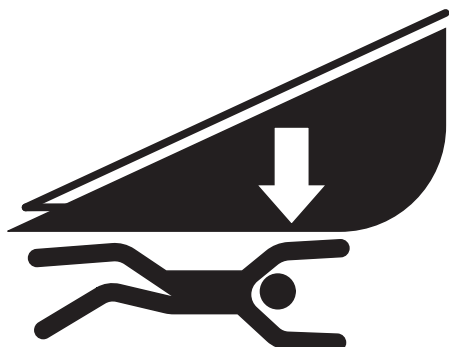
Examples of Severe or Adverse Operating Conditions:

- Working in wet or muddy conditions require frequent lubrication of the grease fittings.
- High concentrations of dust and dry matter. Dust and

dry matter can accumulate in different parts of the corn head.

BJN2CS6,00001D7-19-22JUN20

Working Underneath or Around Feeder House



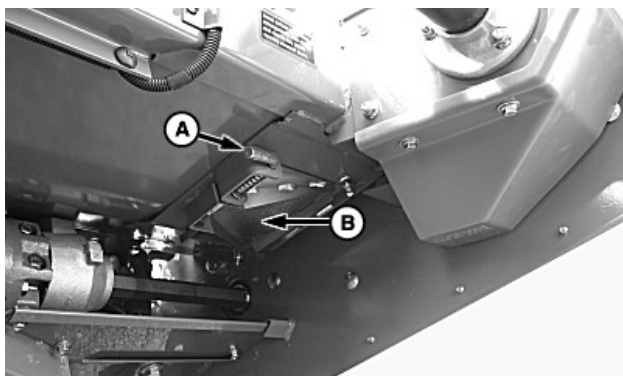
H121063—UN—14MAR17

CAUTION: To prevent injury, after engaging the feeder house lock, support the feeder house with solid blocking before performing non-routine service or maintenance items underneath the feeder house or corn head.

See Feeder House Safety Lock in the Feeder House section of the combine operator's manual for further information.

BJN2CS6,00001B1-19-23JUN20

Maintenance-Auger Floor Clean Out Door

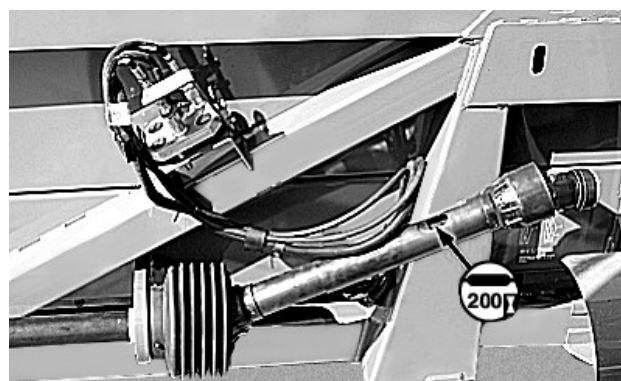


H89356—UN—31JUL07

1. Release latch (A) and open cleanout door (B).
2. Clean auger floor using cleanout door (B) on both sides of corn header.
3. Make sure that cleanout door (B) is fully latched before moving machine.

aernqxv,1704376035069-19-04JAN24

Maintenance-Every Year or 200 Hours



CQ281133—UN—11JUN08

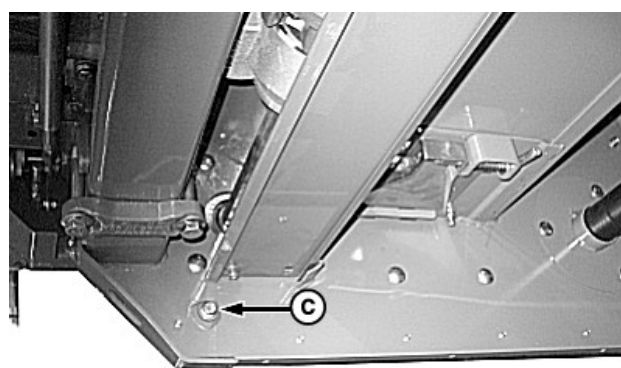
Header Transmission Shaft—Type A

1. Lubricate header transmission shafts. To access grease fittings, rotate shields as necessary.
2. Inspect and adjust the following:
 - Row Unit Drive Chain
 - Auger Drive Chain
 - Row Unit Gatherer Drive Chains

NOTE: See Adjustments section for procedures.

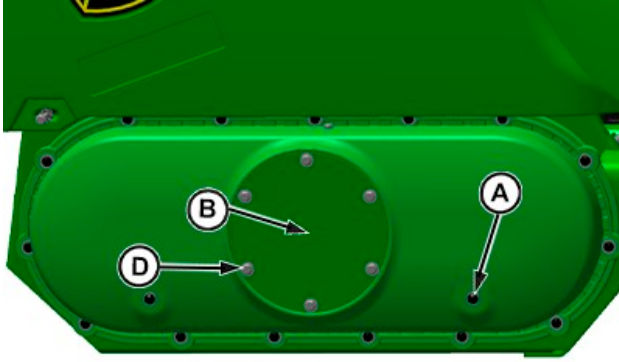
IMPORTANT: To prevent excessive chain wear, keep oil level to specification.

3. To change drive chain oil on both sides of the header, observe the following instructions:
 - a. Raise header and engage safety stop.
 - b. Operate header to warm up oil before draining.



H89619—UN—14JAN09

- c. Remove plug (C) and lower header to drain oil.
- d. Raise header and engage safety stop.
- e. Install plug (C).
- f. Lower header on a plain and level surface.



CQ1357746—UN—29JAN24

- g. Remove access door screws (D), then remove access door (B).

Specification

Access Door Screws
(D)—Torque. 17 N·m
(13 lb·ft)

- h. Remove control plug (A).
i. Add SAE 80/90 Gear Lube through access door (B) until reaching level below control plug (A).

Specification

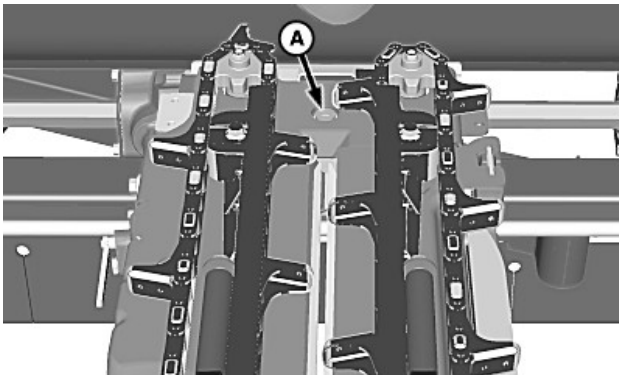
Drive Chain Oil—Capacity. 0.9 L
(0.95 qt)

aernqxv, 1708546217288-19-22FEB24

Maintenance-Every 200 Hours-Checking Row Unit Gear Case Oil

NOTE: For precise dipstick readings, row unit gear case oil must be warm and header raised.

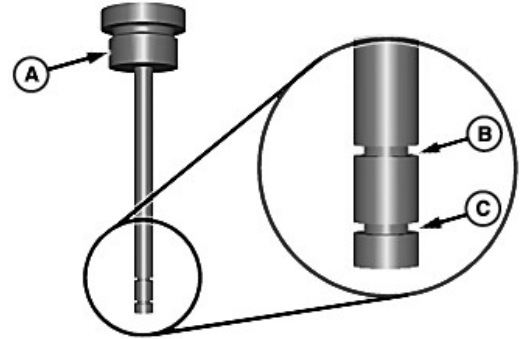
1. To warm up row unit lubricant, operate header.
2. Raise header completely and lower safety stop.
3. Set park brake, shut off engine and remove the ignition key.



H96320—UN—17NOV10

4. Clean area around inspection dipstick/reservoir (A) to prevent dirt and debris from entering the gear case.
5. Remove and clean dipstick.

6. Completely insert dipstick into gear case, remove again, and observe oil level mark.



H100565—UN—03MAR11

7. If oil level is below full mark (B), add TY6296 80W 90 GL-5 lubricant through reservoir (A) until lubricant level reaches full mark (B).

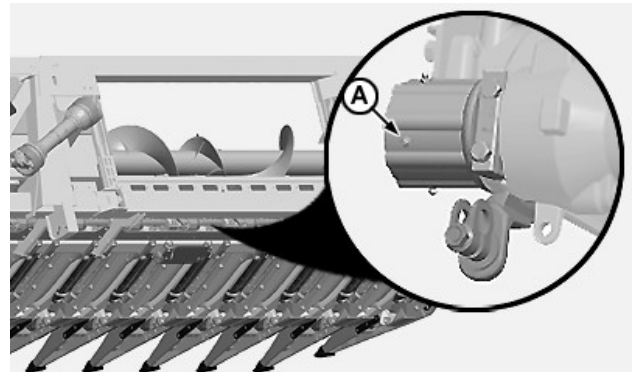
IMPORTANT: Do not overfill gear case. 0.42 L (14.20 fl oz) of lubricant is necessary to fill gear case from minimum mark (C) to full mark (B). Lube quantity to be added at other levels is proportional.

aernqxv, 1704379088605-19-22FEB24

Maintenance-Every 200 Hours-Lubricate Row Unit Clutches

IMPORTANT: Each clutch has multiple grease fittings that facilitate lubrication. Just one grease fitting must be used to lubricate each clutch.

1. Raise header completely and lower safety stop.
2. Locate row unit clutch at lower side of header. Clutch is installed at left-hand side of the gear case.



CQ289521—UN—20JUL11

NOTE: Number of grease fittings on clutch varies according to machine model.

Add grease to clutch using only one of grease fittings (A).

4. Repeat procedure on all remaining row units.

aernqxv,1704379273736-19-15FEB24

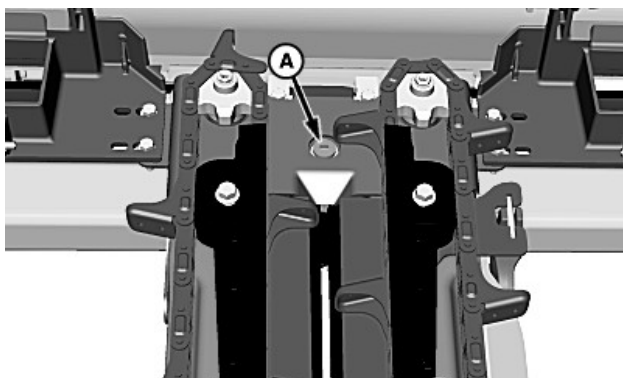
Maintenance-Every 1000 Hours

IMPORTANT: Avoid machine damage. Always clean grease fittings before and after lubrication to avoid system contamination. If a grease fitting is damaged or missing, replace it immediately.

IMPORTANT: When checking oil levels, always clean area around plugs before removal.

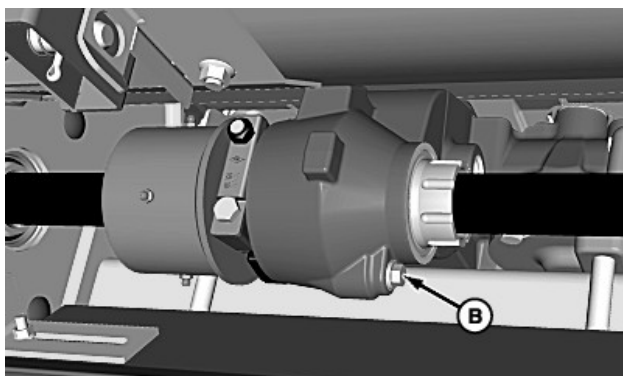
IMPORTANT: Always tighten plugs securely.

Replace Oil in Row Unit Gear Case



Top View of Row Unit

H103950—UN—09NOV11



View from Below, Behind Row Unit

H103951—UN—09NOV11

NOTE: To drain and fill oil with header raised, row unit gear cases must be warm.

1. To warm row unit gear case oil, operate header.
2. Completely raise header and engage feeder house safety stop.
3. Shut off engine, set park brake and remove ignition key.
4. To avoid dirt and debris from entering the gear case, clean area around inspection plug/dipstick (A).

5. Remove dipstick and clean it.

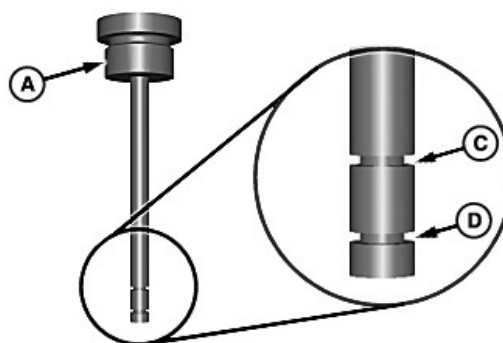
NOTE: Drain oil into a clean container and dispose of properly.

6. Remove drain plug (B) and allow oil to drain.
7. Reinstall drain plug (B).
8. Add TY6296 80W 90 GL-5 gear oil through dipstick port.

Specification

Tank—Capacity. 1.1 L
(1.16 qt)

9. Completely insert dipstick into gear case, remove, and observe fluid level on shaft.



H96322—UN—13MAY10

10. If level is below full mark (C), add oil as necessary.

IMPORTANT: Do not overfill gear case. 0.42 L (14.20 fl oz) of oil is required to raise the level from minimum mark (D) to full mark (C). The amount of oil to be added at other levels is proportional.

11. Reinstall dipstick.
12. Repeat procedure on remaining row unit gear cases.

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Service

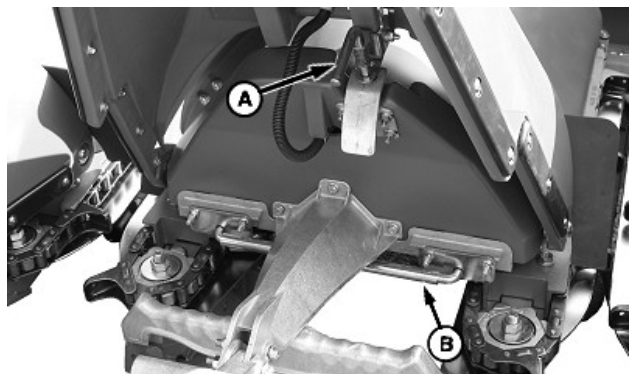
Feeder House Safety Stop

Engage the feeder house safety stop (see Attaching Front-End Equipment to Combine in the Attaching and Detaching section of this manual.)

OUC6041,000111D-19-18JUN20

Remove and Install Stalk Rolls

CAUTION: Completely raise header and lower safety stop before performing any work.

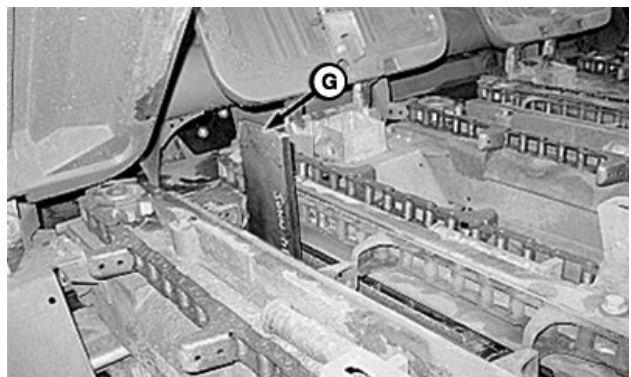


H89314—UN—20JUL07

1. Raise gatherer point until locking pin (A) engages.

IMPORTANT: Gatherer points may damage combine windshield. Do not push shields against rear part of frame.

2. Pull locking bar (B) and raise gatherer shield.
3. To access other row units, repeat as necessary.
4. Remove screws and washers (C) and rasp plates (D) at lower side of row unit assembly.

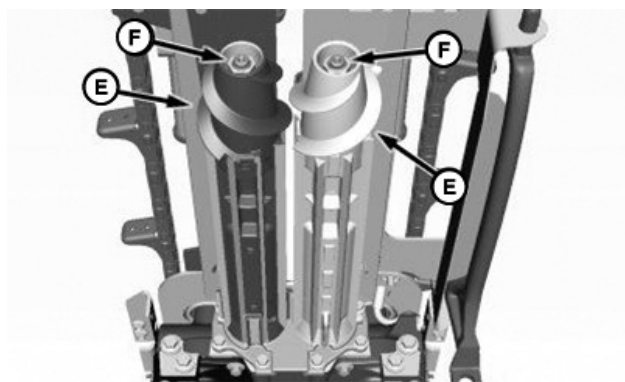


BML022294—UN—25OCT21

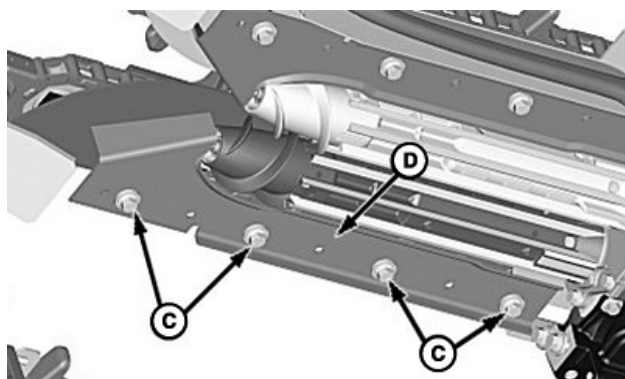
NOTE: To prevent stalk rolls (E) from rotating, use a 13 mm (1/2 in) steel plate between the rear part of stalk rolls.

When removing self-locking nut of the left-hand side, insert plate from upper side of row unit.

When removing self-locking nut of the right-hand side, insert plate from upper side of row unit.



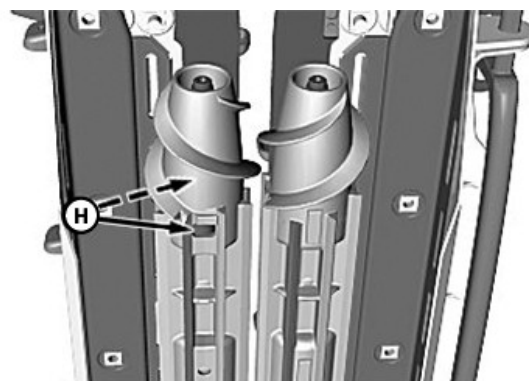
BML022293—UN—25OCT21



BML022292—UN—25OCT21

5. Remove and discard retaining nuts (F).
6. Remove and retain spherical washer located behind nut. Check if washer presents damage or corrosion, and replace as necessary.

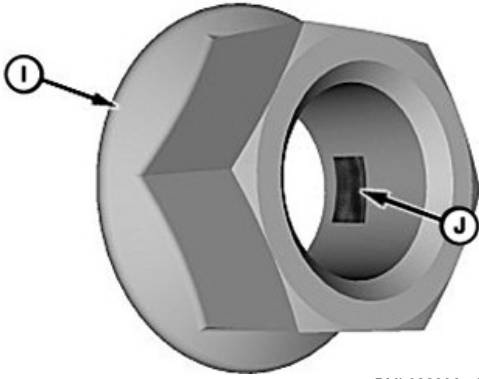
IMPORTANT: Trace alignment marks on stalk roll surface with its shaft before removing. Stalk rolls must be reinstalled at same position they were removed from.



BML022295—UN—25OCT21

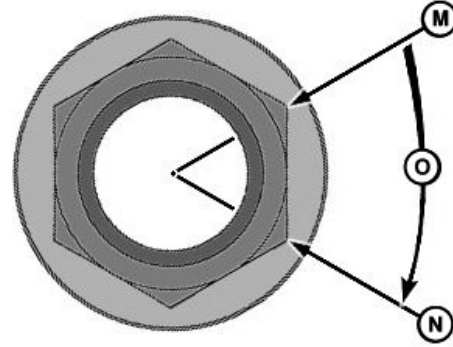
7. Locate the two flutes (H) behind stalk roll spiral. Remove stalk roll from shaft using a dual claw extractor on flutes(H).
8. Remove all dirt from thread, grooves, and shaft cone. To detect possible damage or wear, and replace as necessary, check stalk roll.

IMPORTANT: A new nut (I) must be purchased through John Deere Parts Service.

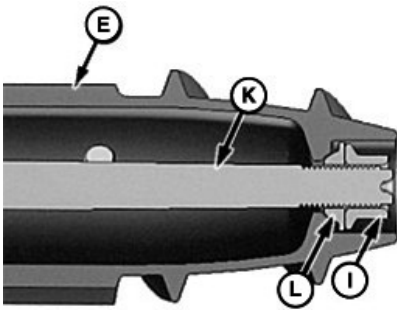


BML022296—UN—25OCT21

9. Retaining nut (I) contains a thread lock insert (J) and cannot be reused.



BML022298—UN—25OCT21



BML022297—UN—25OCT21

10. Using alignment marks placed on stalk roll surface and its shaft, install stalk rolls (E) simultaneously to shafts (K).

IMPORTANT: Plain side of washer MUST point towards outer side of stalk roll.

11. Install previously removed spherical washer (L) and a **new** retaining nut (I).

IMPORTANT: Avoid installing stalk rolls too loose. Follow tightening and turning procedures as described.

NOTE: To prevent stalk rolls from rotating, use a 13 mm (1/2 in) steel plate between the rear part of stalk rolls.

12. Tighten retaining nuts (I) to specification.

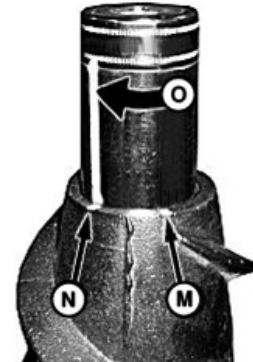
Specification

Stalk Roll Retaining
Nut—Torque. 135 N·m + 60° turn
(99.6 lb·ft + 60° turn)

- a. Use a calibrated torque wrench to tighten nut to specification.

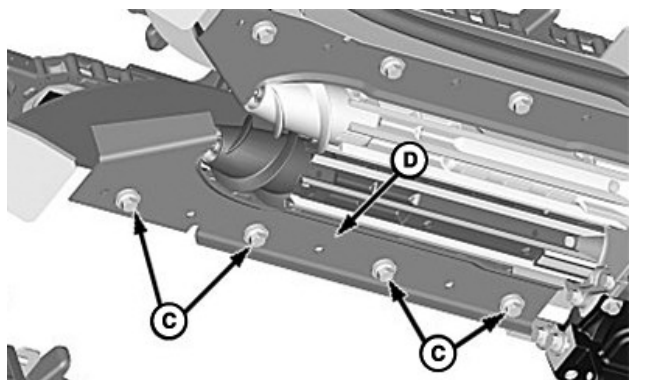


BML022299—UN—25OCT21



BML022300—UN—25OCT21

- b. Mark stalk roll at one of the retaining nut (M) edges.
c. Mark stalk roll at next edge of nut (N) clockwise.
d. Position wrench socket on retaining nut and extend first mark (M) on socket wall.
e. Tighten nut (O) until socket mark aligns with second mark on stalk roll (N).
f. Repeat on remaining stalk roll.



BML022292—UN—25OCT21

13. Install rasp plates (D) using screws and washers (C).

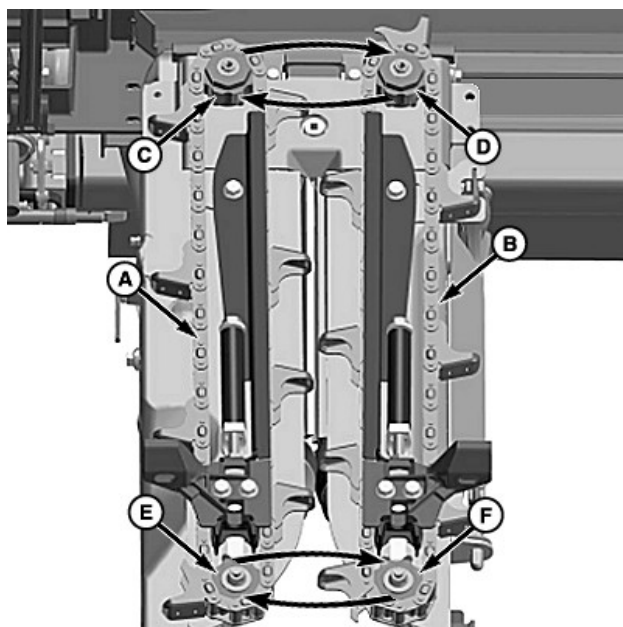
14. Adjust rasp plates. (See ADJUSTING RASP PLATE, in ADJUSTMENTS section).

aernqxv,1704311629135-19-15FEB24

Reversing Gatherer Chains and Sprockets for Additional Wear

The gatherer chains and sprockets can be reversed for extra wear. Reverse all the row units at the same time.

1. To reverse the gatherer chains and sprockets:



H120857—UN—16FEB17

NOTE: Mark each chain and sprocket with the side it was removed from for the correct placement during assembly.

- Remove gatherer chains (A and B) (see Remove and Install Gatherer Chain in this section).
- Remove drive sprockets (C and D).

- Install the drive sprockets on the opposite shaft.
- Remove sprockets (E and F).
- Install the sprockets on the opposite shaft.

IMPORTANT: Ensure that flights are oriented in the proper direction as shown.

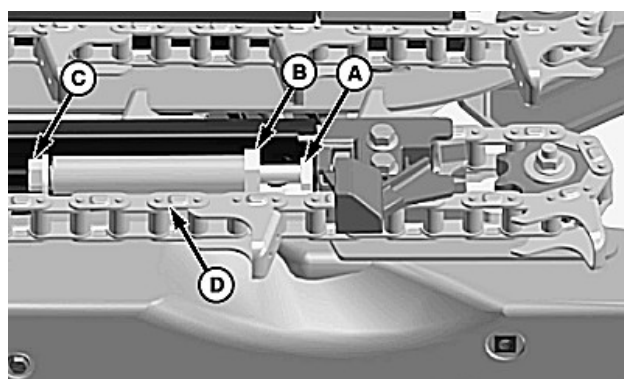
- Flip each gatherer chain over and install on the opposite side. Adjust chains (see Remove and Install Gatherer Chain in this section).

2. Repeat on the remaining row units.

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Remove and Install Gatherer Chain

Non-Folding Dividers



H120858—UN—03MAY17

CAUTION: Avoid serious injury or death. Prevent header from lowering. When working under the corn header, always place hydraulic cylinder safety stop in safety position.

If the gatherer chain tensioner range of the adjustment has been reached or the chain fails, replace with a new chain. When replacing the chain, also replace the drive sprocket and idler sprocket assembly to prevent premature wear of the replacement chain.

Gatherer chains can be removed for servicing row unit parts without uncoupling the chain.

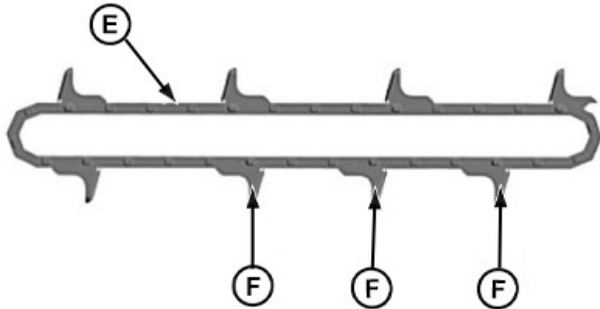
- Remove the gatherer point (see Raising and Removing Inner Gatherer Points and Shields in Operating the Corn Head section of this manual).

CAUTION: Never service components of the chain drive assembly until nut (A) is tight against the leg of the idler support strap (B).

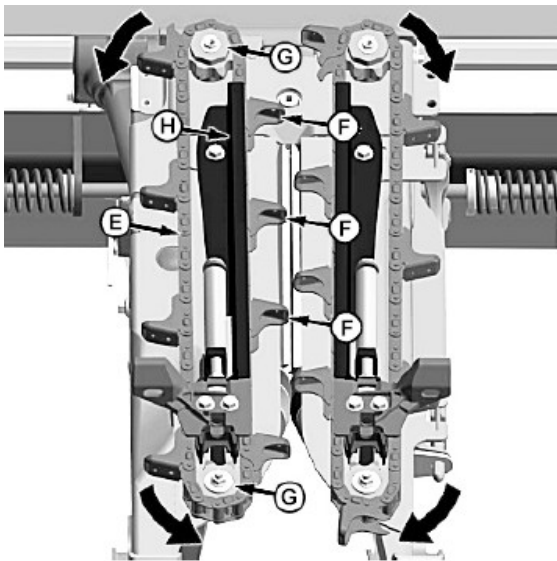
- Loosen nut (A) until it is close to, but not touching, the leg of the idler support strap (B).

NOTE: Use a backup wrench on nut (A) to prevent the nut from tightening against the idler support strap (B) when loosening cap screw (C).

3. Loosen cap screw (C) to release the tension on the gatherer chain (D).
4. Remove the gatherer chain from the sprockets.



CQ1357881—UN—30JAN24



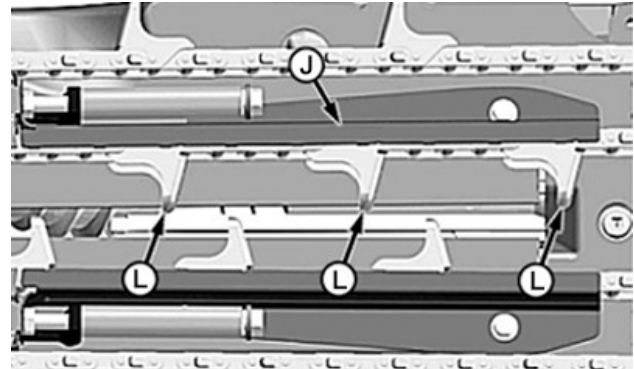
CQ1360339—UN—22FEB24

5. On the gatherer chain (E), locate the three flights with the closest spacing (F) between them.

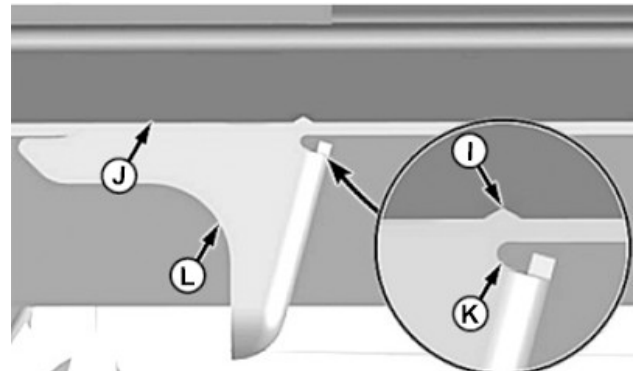
IMPORTANT: Ensure that flights are oriented in the proper direction as shown.

6. Install the gatherer chain onto sprockets (G) so the three flights with the closest spacing are next to the chain guide (H) as shown.

NOTE: If only one chain is replaced, verify that the adjacent chain is also adjusted using the same procedure. This ensures the proper chain timing.

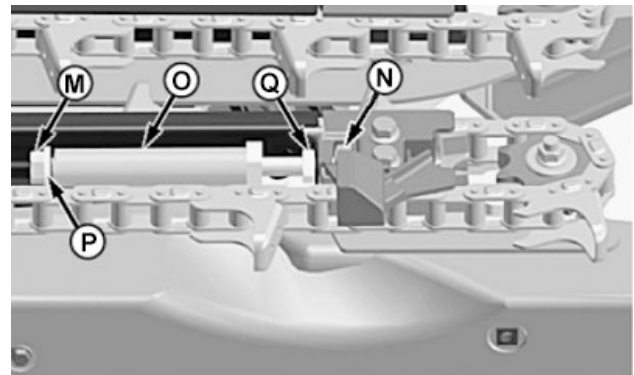


CQ1357883—UN—30JAN24



CQ1357884—UN—30JAN24

7. Adjust the gatherer chain so notches (I) in the chain guide (J) are aligned with grooves (K) in the flights with the closest spacing (L) as shown.



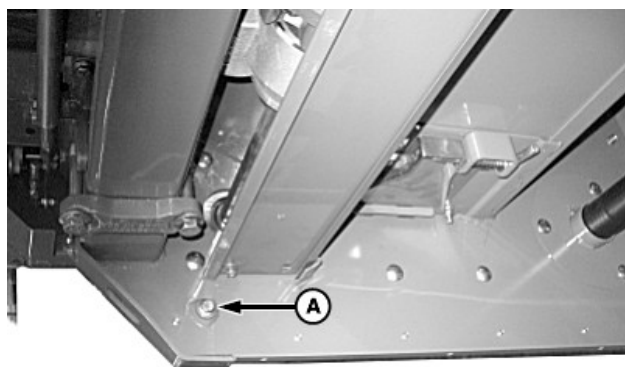
CQ1357885—UN—30JAN24

8. Tighten cap screw (M) into nut (N) until a 4.8 mm (3/16 in) maximum space is set between spacer tube (O) and washer (P).
9. Tighten nut (Q) against the idler assembly.
10. Install the gatherer point (see Removing Point and Inner Divider Shield in Operating the Corn Head section of this manual).

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Remove and Install Oil Pan

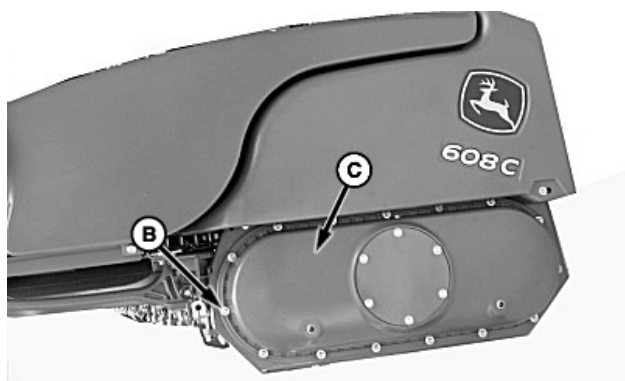
NOTE: To capture oil, place a pan under the drain plug (A). Dispose of oil properly and do not reuse.



H89238—UN—12JUL07

1. Remove and retain the screw and washer from drain plug (A) assembly. Remove drain plug (A).

IMPORTANT: Avoid damaging reusable seal at oil pan. Do not use sharp objects to apply force between oil pan and corn header.



H89240—UN—12JUL07

2. Remove the drive cover screws (B) and oil pan (C).

Specification

Drive Cover Screws

(B)—Torque. 10 N·m
(89 lb·in)

IMPORTANT: To ensure a good seal, clean the seal area on oil pan and corn header with a nonflammable cleaner.

NOTE: When attaching the oil pan with screws, start in center and move outward.

3. Reinstall drain plug (A) and attach it with the retained screw and washer.



BML022301—UN—28OCT21

4. Remove filler plug (E) from cover (D).

IMPORTANT: Oil level must be checked with corn header on combine and row unit skid plates touching ground (at an approximate angle of 25 degrees).

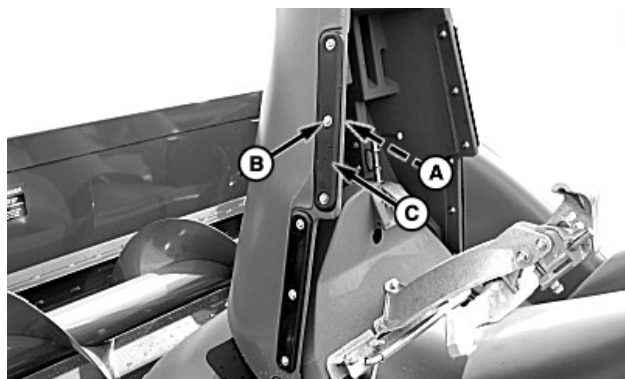
NOTE: **Pan capacity:** 0.9 L (30 fl oz) 80/90 heavy gear oil or until level with bottom of plug.

5. Fill oil pan (C) with oil until level with bottom of filter plug (E).

6. Install cover (D).

aernqxv,1704371296206-19-02FEB24

Remove and Install Wear Strips



H88972—UN—23JUL07

1. Remove the nuts and washers (A).
2. Remove the socket head screws and washers (B).
3. Remove wear strip (C).
4. Install the new wear strip.
5. Retain the wear strip using the previously removed socket head screws, washers, and nuts.
6. Tighten the socket head screws and nuts to specification.

Specification

Socket Head Screws and
Nuts—Torque. 10 N·m
(89 lb·in)

aernqxv,1704374792503-19-15JAN24

Troubleshooting

Corn Head

The majority of corn header operating problems can be traced to improper adjustment. The following troubleshooting chart helps you with problems develop by suggesting a probable cause and the recommended remedy. Make certain when you are trying to solve a problem, that the source does not come from some place other than where the problem exists.

Symptom	Problem	Solution
Loss of Ear Corn in the Field	Point tips set too high.	Adjust points so tips lightly touch ground when row unit skid plate is 25.4 mm (1 in) above ground. When picking low hanging ears, raise front tip of gatherer points and run corn header with the skids close to ground.
	Ground speed too fast or too slow.	Operate at a speed to meet field and ground conditions. Excessive ground speed can bend stalks forward and cause ears to fall off gatherer chains. Slow ground speed can cause gatherer chains to jerk stalks and snap off ears causing ears to slide off header.
		Operate at a speed at which gatherer chains help guide stalks into the rolls.
	Not picking planter rows.	Follow planted rows to minimize ear loss.
	Row units not centered on rows.	Adjust corn header row spacing to equal row spacing of corn in field.
	Ears sliding out over gatherer chains.	Use ear savers.
Ear Shelling at Stalk Rolls	Gatherer chain speed too fast or too slow.	Change speed of variable speed feeder house or increase ground speed.
	Deck plates not adjusted correctly.	Adjust deck plates. Reduce gap between deck plates.
	Machine operating too high.	Raise point tip and run lower.
Shelled Corn Coming Out of Combine Rear	Excessive trash intake from corn header.	Increase variable drive speed or fixed drive combine. Open deck plate spacing on corn header.
	Ears sliding out through the throat	Replace ear savers.

Troubleshooting

Symptom	Problem	Solution
Pulling up Corn Stalks	Deck plates set too close together.	Gradually open deck plates until stalks feed through rolls more freely.
	Driving too fast for gatherer chain speed.	Slow down to meet crop conditions or increase row unit drive speed.
	Gatherer chain flights digging into cornstalk roots.	Lower point tip and run header higher.
	Corn too dry or down.	Remove ear savers.
	Worn stalk rolls.	Replace stalk rolls.
Plugging	Stalks breaking in stalk rolls or deck plates.	Adjust opening of deck plates. Check stalk roll timing so stalk roll flutes do not break stalks. Also be sure that deck plates are set equally and centered over center of rolls.
	Trash winds around stalk rolls.	Set trash knives closer to stalk rolls.
	Loose gathering chains.	Check gathering chain mechanism.
	Not picking planter rows.	To minimize ear loss, follow the rows.
	Material catching on sheet metal.	Check for broken or bent sheet metal. Remove rust and coat with TY6247 Slip-Plate Lubricant.
	Ground speed too fast, causing material to overrun corn header.	Operate at a speed to meet yield and ground conditions. Faster speeds cause plugging.
	Material not flowing on auger.	Check auger housing for obstructions and roughness. Check auger for a 22 mm (7/8 in) clearance between auger flight and floor. Check auger for a 6 mm (1/4 in) clearance between auger flighting and stripper.
	Corn stalks plugging in gatherer throat opening.	Remove ear savers.
	Worn stalk rolls.	Replace worn stalk rolls.
Loss of Ear Corn From Weakened or Broken Stalks. Problem is Caused by Disease (Stalk Rot) or Insects (Corn Borers)	Contact of stalk with ear savers.	Remove ear savers.
	Ground speed too fast.	Reduce ground speed.
	Feeder house speed incorrect.	Find the correct speed for your conditions by trying different feeder house speeds.

Symptom	Problem	Solution
	Stalks and ears badly “down” or “lodged”, or loose ears on the ground.	Synchronize gatherer chains so flights are opposite from each other.
	Worn stalk rolls.	Replace stalk rolls.

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Active Header Control (AHC)

Symptom	Problem	Solution
AHC Does Not Operate	Manual raise or lower does not work.	Contact your John Deere dealer or other service provider. (See your John Deere Warranty Administration Manual.)
	AHC not enabled.	Enable the desired ACTIVE HEADER CONTROL mode in corner post display.
	Feeder house-to-header connector not connected or loose.	Connect properly.
	Header sensor damaged or not properly connected.	Connect or repair sensor.
AHC Lowers But Not Raises	Defective ACTIVE HEADER CONTROL relay or ACTIVE HEADER CONTROL card.	Contact your John Deere dealer or other service provider. (See your John Deere Warranty Administration Manual.)
AHC Raises But Not Lowers	Defective AHC relay or AHC card.	Contact your John Deere dealer or other service provider. (See your John Deere Warranty Administration Manual.)
	Control shaft restricted.	Check for restriction.
	Auto drop rate valve closed.	Adjust in-line valve.
System Cycles or Hunts	Incorrect drop rate adjustment.	Adjust in-line valve.
	Incorrect accumulator setting.	See your combine Operator's Manual.
System Fails Intermittently After Manually Raising Header Over Obstacle	System was de-activated.	To reactivate, press activation button in multi-function lever.
Header Raises or Lowers Too Slow or Too Fast	Incorrect drop rate adjustment.	Adjust valve stack drop rate.

Troubleshooting

Symptom	Problem	Solution
	In-line valve problem.	Contact your John Deere dealer or other service provider. (See your John Deere Warranty Administration Manual.)

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Storage

End of Season Service

IMPORTANT: Do not use high-pressure washer spray directly on bearings or any other area that can be damaged by water.. High-pressure water can pass through most seals and cause damage. Dry these areas, then lube and run combine.

 **CAUTION:** Support the corn header with the hydraulic cylinder safety stop or with blocks, or lower it to ground level.

1. Clean the corn header thoroughly. Chaff and dirt draw moisture cause rust.
2. Lubricate the corn header. Grease the threads on adjusting screws.
3. Paint all parts from which paint has worn.
4. Use a polymer protectorate on the tips, deck covers, and end fenders.
5. If possible, shelter the corn header in a dry place.
6. Order repair parts needed for next season.

KP318TH,0000051-19-11NOV21

Beginning of Season Service

1. Clean the corn header thoroughly.
2. Adjust gatherer chains and check tension.
3. Adjust chains to proper tension.
4. Lubricate corn header completely.
5. Check fluid levels on all gear case.
6. Go over complete the corn header and check that all screws are tight and cotter pins are open.
7. Run corn header at half-speed for a few minutes. Check bearings for overheating or excessive play.
8. Consult Operator's Manual.

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Specifications

Specifications

Specifications given in this manual are intended for

service only and do not include normal factory manufacturing tolerances.

Gatherer points	Low profile floating type hinged above gatherer chains
Center and outer fenders	Hinged, quick-removable
Gatherer chains	Heavy-duty 620 endless steel roller chain with chromed pins (no master connecting link)
Row unit transmission	Enclosed gear case with gears submerged in lubricant; driven by single input hex shaft
Gatherer chain adjustment	Spring loaded self-adjusting
Stalk rolls	Spiral-pointed, flute-type (2 per row unit)
Deck plate adjustment	Hydraulically or manually adjusted
Slip clutch	One per row unit plus auger drive
Rasp plates of row unit	Full length one piece heat-treated steel

NOTE: Specifications and design are subject to change without notice.

Identification

Total Length and Approximate Weight for Storage:			
Model	Header Identification	Width mm (in)	Weight kg (lbs)
605C	5R80	4377 (172)	1647 (3631)
605C	5R90	4377 (172)	1755 (3869)
606C	6R70	4377 (172)	1811 (3993)
606C	6R80	4827 (190)	1940 (4277)
606C	6R90	5277 (208)	2069 (4561)
607C	7R60	4377 (172)	1932 (4259)
607C	7R70	5277 (208)	2082 (4590)
607C	7R80	5727 (225)	2233 (4923)
607C	7R90	6177 (243)	2383 (5254)
608C	8R50	4377 (172)	2009 (4429)
608C	8R60	5277 (208)	2181 (4808)
608C	8R70	5277 (208)	2353 (51870)
608C	8R80	6377 (251)	2525 (5567)
608C	8R90	7077 (279)	2697 (5946)
609C	9R45	4377 (172)	2140 (4718)
609C	9R50	4827 (190)	2237 (4932)
609C	9R60	5727 (225)	2430 (5357)
609C	9R70	6377 (251)	2624 (5785)
609C	9R80	7377 (290)	2817 (6210)
610C	10R45	4827 (190)	2357 (5196)
610C	10R50	5277 (208)	2465 (5434)
610C	10R52.5	5497 (216)	2518 (5551)
610C	10R60	6177 (243)	2680 (5908)
610C	10R70	7077 (279)	2895 (6382)
611C	11R45	5277 (208)	2574 (5675)
611C	11R52.5	6177 (243)	2751 (6065)
611C	11R60	7077 (279)	2944 (6490)
611C	11R70	7927 (312)	3165 (6978)
612C	12R45	5727 (225)	2792 (6155)
612C	12R50	6377 (251)	2921 (6440)
612C	12R52.5	6627 (261)	2986 (6583)
612C	12R60	7377 (290)	3179 (7008)

Specifications

Total Length and Approximate Weight for Storage:			
612C	12R70	8657 (341)	3437 (7578)
613C	13R45	6177 (243)	3009 (6634)
613C	13R52.5	7077 (279)	3219 (7097)
614C	14R45	6627 (261)	3226 (7112)
614C	14R50	7377 (290)	3377 (7445)
614C	14R52.5	7597 (299)	3452 (7610)
615C	15R45	7077 (279)	3443 (7591)
615C	15R50	7927 (312)	3604 (7945)
616C	16R52.5	8657 (341)	3668 (8087)
617C	17R45	8047 (317)	3878 (8550)
624C	24R50	12340 (486)	5620 (12390)
627C	27R45	12480 (491)	6030 (13294)

Spacing between Rows

Model	Chassis mm (in)	Row Spacing cm (in)	Width mm (in)	Weight kg (lbs)
605C	4100 (161)	80 (31)	4377 (172)	1647 (3631)
605C	4100 (161)	90 (35)	4377 (172)	1755 (3869)

Model	Chassis mm (in)	Row Spacing cm (in)	Width mm (in)	Weight kg (lbs)
606C	4100 (161)	70 (27)	4377 (172)	1811 (3992)
606C	4550 (179)	80 (31)	4827 (190)	1940 (4276)
606C	5000 (196)	90 (35)	5277 (207)	2069 (4561)

Model	Chassis mm (in)	Row Spacing cm (in)	Width mm (in)	Weight kg (lbs)
607C	4100 (161)	60 (23)	4377 (172)	1932 (4259)
607C	5000 (196)	70 (27)	5277 (207)	2082 (4590)
607C	5450 (214)	80 (31)	5727 (225)	2233 (4922)
607C	5900 (239)	90 (35)	6177 (243)	2383 (5253)

Model	Chassis mm (in)	Row Spacing cm (in)	Width mm (in)	Weight kg (lbs)
608C	4100 (161)	50 (19)	4377 (172)	2009 (4429)
608C	5000 (196)	60 (23)	5277 (207)	2181 (4808)
608C	5450 (214)	70 (27)	5727 (225)	2353 (5187)
608C	6100 (240)	80 (31)	6177 (243)	2525 (5566)

Model	Chassis mm (in)	Row Spacing cm (in)	Width mm (in)	Weight kg (lbs)
608C	6800 (267)	90 (35)	7077 (278)	2697 (5945)

Model	Chassis mm (in)	Row Spacing cm (in)	Width mm (in)	Weight kg (lbs)
609C	4100 (161)	45 (17)	4377 (172)	2140 (4717)
609C	4550 (179)	50 (19)	4827 (190)	2237 (4931)
609C	5450 (214)	60 (23)	5727 (225)	2430 (5357)
609C	6100 (240)	70 (27)	6177 (243)	2624 (5784)
609C	7100 (279)	80 (31)	7377 (290)	2817 (6210)

Model	Chassis mm (in)	Row Spacing cm (in)	Width mm (in)	Weight kg (lbs)
610C	4550 (179)	45.0 (17)	4827 (190)	2357 (5196)
610C	5000 (196)	50.0 (19)	5727 (225)	2465 (5434)
610C	5220 (205)	52.5 (21)	5497 (216)	2518 (5551)
610C	5900 (239)	60.0 (23)	6177 (243)	2680 (5908)
610C	6800 (267)	70.0 (27)	7077 (278)	2895 (6382)

Model	Chassis mm (in)	Row Spacing cm (in)	Width mm (in)	Weight kg (lbs)
611C	5000 (196)	45.0 (17)	5277 (207)	2574 (5674)
611C	5900 (239)	52.5 (21)	6177 (243)	2751 (6065)
611C	6800 (267)	60.0 (23)	7077 (278)	2944 (6490)

Specifications

Model	Chassis mm (in)	Row Spacing cm (in)	Width mm (in)	Weight kg (lbs)
611C	7650 (301)	70.0 (27)	7927 (312)	3165 (6978)

Model	Chassis mm (in)	Row Spacing cm (in)	Width mm (in)	Weight kg (lbs)
612C	5450 (214)	45.0 (17)	5727 (225)	2792 (6155)
612C	6100 (240)	50.0 (19)	6377 (251)	2921 (6439)
612C	6350 (250)	52.5 (21)	6627(260)	2986 (6583)
612C	7100 (279)	60.0 (23)	7377 (290)	3179 (7008)
612C	8380 (329)	70.0 (27)	8657 (340)	3437 (7577)

Model	Chassis mm (in)	Row Spacing cm (in)	Width mm (in)	Weight kg (lbs)
613C	5900 (232)	45.0 (17)	6177 (243)	3009 (6634)
613C	6800 (267)	52.5 (21)	7077 (278)	3219 (7096)

Model	Chassis mm (in)	Row spacing cm (in)	Width mm (in)	Weight kg (lbs)
614C	6350 (250)	45.0 (17)	6627 (260)	3226 (7112)
614C	7100 (279)	50.0 (19)	7377 (290)	3377 (7445)
614C	7320 (288)	52.5 (21)	7597 (299)	3452 (7610)

Model	Chassis mm (in)	Row Spacing cm (in)	Width mm (in)	Weight kg (lbs)
615C	6800 (267)	45.0 (17)	7077 (278)	3443 (7591)
615C	7650 (301)	50.0 (19)	7927 (312)	3604 (7945)

Model	Chassis mm (in)	Row Spacing cm (in)	Width mm (in)	Weight kg (lbs)
616C	8380 (330)	52.5 (21)	8657 (340)	3668 (8087)

Model	Chassis mm (in)	Row Spacing cm (in)	Width mm (in)	Weight kg (lbs)
617C	7770 (306)	45.0 (17)	8047 (316)	3878 (8550)

Model	Chassis mm (in)	Row Spacing cm (in)	Width mm (in)	Weight kg (lbs)
624C	12060 (475)	50.0 (19)	12340 (486)	5620 (12390)

Model	Chassis mm (in)	Row Spacing cm (in)	Width mm (in)	Weight kg (lbs)
627C	12200 (480)	45.0 (17)	12480 (491)	6030 (13294)

Dimensions for Storage and Transport

Approximate Dimensions

Points in operating position	3000 mm (118 in)
Points raised to transport position	2400 mm (94 in)

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Machine Design Life

This machine is designed and manufactured to provide a long life of productive operation, however actual attainable life depends on a number of factors including the severity of working conditions and completion of recommended maintenance. (See the Service section of this manual.)

Periodically inspect and review the machine in conjunction with your John Deere dealer. The review may result in recommendations for service, component repair, remanufacture or replacement, or, if at the end of life, that the machine be removed from operation. (See separate decommissioning section of this manual for information on disposal and recycling of machine components.)

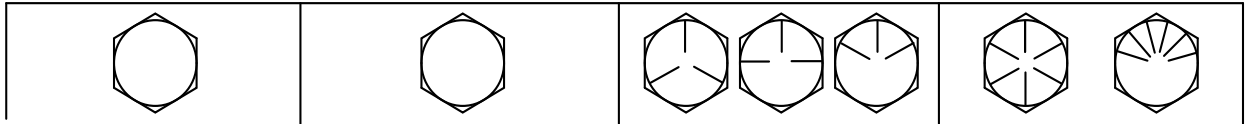
Specifications

No machine should be operated if safety-related components are missing or in need of service. All missing or damaged safety-related components,

including safety signs, should be repaired or replaced before operating.

DX,MACH,DESIGN,LIFE-19-14SEP15

Unified Inch Bolt and Screw Torque Values



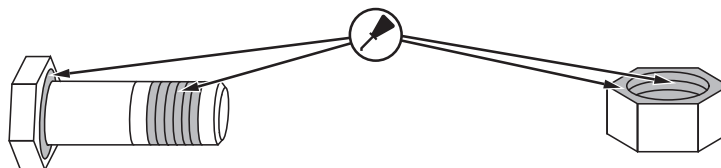
TS1671—UN—01MAY03

Bolt or Screw Size	SAE Grade 1 ^a				SAE Grade 2 ^b				SAE Grade 5, 5.1 or 5.2				SAE Grade 8 or 8.2			
	Hex Head ^c		Flange Head ^d		Hex Head ^c		Flange Head ^d		Hex Head ^c		Flange Head ^d		Hex Head ^c		Flange Head ^d	
	N·m	lb·in	N·m	lb·in	N·m	lb·in	N·m	lb·in	N·m	lb·in	N·m	lb·in	N·m	lb·in	N·m	lb·in
1/4	3.1	27.3	3.2	28.4	5.1	45.5	5.3	47.3	7.9	70.2	8.3	73.1	11.2	99.2	11.6	103
													N·m	lb·ft	N·m	lb·ft
5/16	6.1	54.1	6.5	57.7	10.2	90.2	10.9	96.2	15.7	139	16.8	149	22.2	16.4	23.7	17.5
									N·m	lb·ft	N·m	lb·ft				
3/8	10.5	93.6	11.5	102	17.6	156	19.2	170	27.3	20.1	29.7	21.9	38.5	28.4	41.9	30.9
					N·m	lb·ft	N·m	lb·ft								
7/16	16.7	148	18.4	163	27.8	20.5	30.6	22.6	43	31.7	47.3	34.9	60.6	44.7	66.8	49.3
	N·m	lb·ft	N·m	lb·ft												
1/2	25.9	19.1	28.2	20.8	43.1	31.8	47	34.7	66.6	49.1	72.8	53.7	94	69.3	103	75.8
9/16	36.7	27.1	40.5	29.9	61.1	45.1	67.5	49.8	94.6	69.8	104	77	134	98.5	148	109
5/8	51	37.6	55.9	41.2	85	62.7	93.1	68.7	131	96.9	144	106	186	137	203	150
3/4	89.5	66	98	72.3	149	110	164	121	230	170	252	186	325	240	357	263
7/8	144	106	157	116	144	106	157	116	370	273	405	299	522	385	572	422
1	216	159	236	174	216	159	236	174	556	410	609	449	785	579	860	634
1-1/8	305	225	335	247	305	225	335	247	685	505	751	554	1110	819	1218	898
1-1/4	427	315	469	346	427	315	469	346	957	706	1051	775	1552	1145	1703	1256
1-3/8	564	416	618	456	564	416	618	456	1264	932	1386	1022	2050	1512	2248	1658
1-1/2	743	548	815	601	743	548	815	601	1665	1228	1826	1347	2699	1991	2962	2185

The nominal torque values listed are for general use only with the assumed wrenching accuracy of 20%, such as a manual torque wrench. DO NOT use these values if a different torque value or tightening procedure is given for a specific application. For lock nuts, for stainless steel fasteners, or for nuts on U-bolts, see the tightening instructions for the specific application.

Replace fasteners with the same or higher property class. If higher property class fasteners are used, tighten these to the strength of the original.

- Make sure that fastener threads are clean.
- Apply a thin coat of Hy-Gard or equivalent oil under the head and on the threads of the fastener, as shown in the following image.
- Be conservative with the amount of oil to reduce the potential for hydraulic lockup in blind holes due to excessive oil.
- Properly start thread engagement.



TS1741—UN—22MAY18

Specifications

Bolt or Screw Size	SAE Grade 1 ^a		SAE Grade 2 ^b		SAE Grade 5, 5.1 or 5.2		SAE Grade 8 or 8.2	
	Hex Head ^c	Flange Head ^d	Hex Head ^c	Flange Head ^d	Hex Head ^c	Flange Head ^d	Hex Head ^c	Flange Head ^d

^aGrade 1 applies for hex cap screws over 6 in (152 mm) long, and for all other types of bolts and screws of any length.

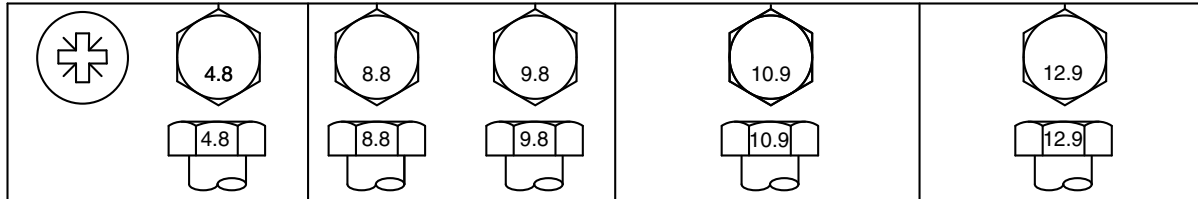
^bGrade 2 applies for hex cap screws (not hex bolts) up to 6 in (152 mm) long.

^cHex head column values are valid for ISO 4014 and ISO 4017 hex head, ISO 4162 hex socket head, and ISO 4032 hex nuts.

^dHex flange column values are valid for ASME B18.2.3.9M, ISO 4161, or EN 1665 hex flange products.

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Metric Bolt and Screw Torque Values



TS1742—UN—31MAY18

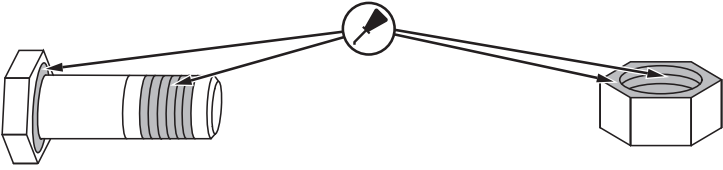
Bolt or Screw Size	Class 4.8				Class 8.8 or 9.8				Class 10.9				Class 12.9			
	Hex Head ^a		Flange Head ^b		Hex Head ^a		Flange Head ^b		Hex Head ^a		Flange Head ^b		Hex Head ^a		Flange Head ^b	
	N·m	lb·in	N·m	lb·in	N·m	lb·in	N·m	lb·in	N·m	lb·in	N·m	lb·in	N·m	lb·in	N·m	lb·in
M6	3.6	31.9	3.9	34.5	6.7	59.3	7.3	64.6	9.8	86.7	10.8	95.6	11.5	102	12.6	112
									N·m	lb·ft	N·m	lb·ft	N·m	lb·ft	N·m	lb·ft
M8	8.6	76.1	9.4	83.2	16.2	143	17.6	156	23.8	17.6	25.9	19.1	27.8	20.5	30.3	22.3
			N·m	lb·ft	N·m	lb·ft	N·m	lb·ft								
M10	16.9	150	18.4	13.6	31.9	23.5	34.7	25.6	46.8	34.5	51	37.6	55	40.6	60	44.3
	N·m	lb·ft														
M12	—	—	—	—	55	40.6	61	45	81	59.7	89	65.6	95	70.1	105	77.4
M14	—	—	—	—	87	64.2	96	70.8	128	94.4	141	104	150	111	165	122
M16	—	—	—	—	135	99.6	149	110	198	146	219	162	232	171	257	190
M18	—	—	—	—	193	142	214	158	275	203	304	224	322	245	356	263
M20	—	—	—	—	272	201	301	222	387	285	428	316	453	334	501	370
M22	—	—	—	—	365	263	405	299	520	384	576	425	608	448	674	497
M24	—	—	—	—	468	345	518	382	666	491	738	544	780	575	864	637
M27	—	—	—	—	683	504	758	559	973	718	1080	797	1139	840	1263	932
M30	—	—	—	—	932	687	1029	759	1327	979	1466	1081	1553	1145	1715	1265
M33	—	—	—	—	1258	928	1398	1031	1788	1319	1986	1465	2092	1543	2324	1714
M36	—	—	—	—	1617	1193	1789	1319	2303	1699	2548	1879	2695	1988	2982	2199

The nominal torque values listed are for general use only with the assumed wrenching accuracy of 20%, such as a manual torque wrench. DO NOT use these values if a different torque value or tightening procedure is given for a specific application. For lock nuts, for stainless steel fasteners, or for nuts on U-bolts, see the tightening instructions for the specific application.

Replace fasteners with the same or higher property class. If higher property class fasteners are used, tighten these to the strength of the original.

- Make sure that fastener threads are clean.
- Apply a thin coat of Hy-Gard or equivalent oil under the head and on the threads of the fastener, as shown in the following image.
- Be conservative with the amount of oil to reduce the potential for hydraulic lockup in blind holes due to excessive oil.
- Properly start thread engagement.

Specifications

Bolt or Screw Size	Class 4.8		Class 8.8 or 9.8		Class 10.9		Class 12.9	
	Hex Head ^a	Flange Head ^b	Hex Head ^a	Flange Head ^b	Hex Head ^a	Flange Head ^b	Hex Head ^a	Flange Head ^b
								

TS1741—UN—22MAY18

^aHex head column values are valid for ISO 4014 and ISO 4017 hex head, ISO 4162 hex socket head, and ISO 4032 hex nuts.

^bHex flange column values are valid for ASME B18.2.3.9M, ISO 4161, or EN 1665 hex flange products.

DX,TORQ2(T)-19-09MAY22

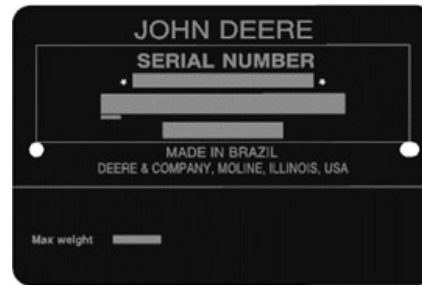
Identification Numbers

Identification Numbers

The following figures illustrate some of the serial number plates used for the platform. The letters and numbers printed on the plate are necessary for warranty claims and also for the purchase of replacement parts.

NOTE: Copy the serial numbers to the designated place in the manual.

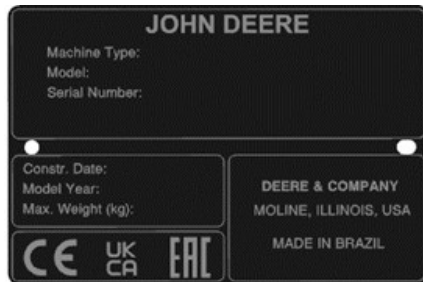
aernqxv,1706558058159-19-29JAN24



BML028491—UN—07JUL21

Sample Identification Plate

Identification Plate



BML028488—UN—07JUL21

Sample identification Plate



BML028489—UN—07JUL21

Sample Identification Plate



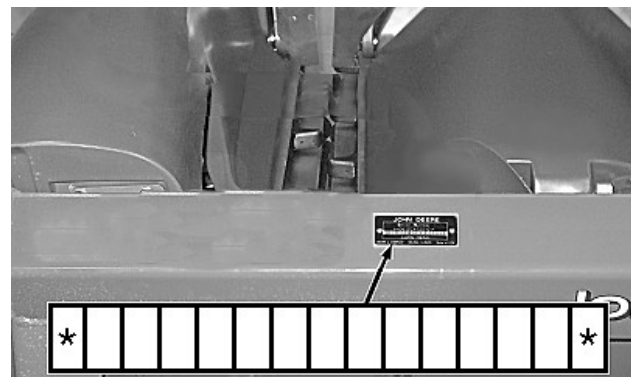
BML028490—UN—07JUL21

Sample Identification Plate

NOTE: The identification plate varies depending on where the machine is shipped. Locate the identification plate and compare with the information shown here.

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Identification Plate Location



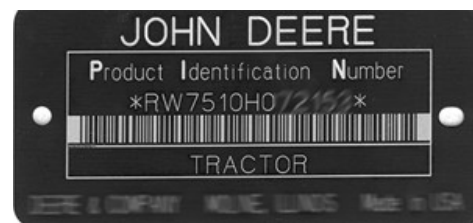
BML022329—UN—29NOV21

Locate serial number plate at left-hand end of header.

Copy the corn header serial number to the field shown here. Inform this number to your dealership when ordering parts.

aernqxv,1704283836437-19-29JAN24

Keep Proof of Ownership



TS1680—UN—09DEC03

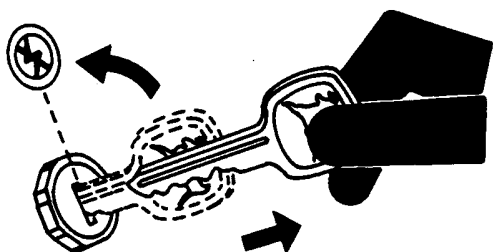
1. Maintain in a secure location an up-to-date inventory of all product and component serial numbers.
2. Regularly verify that identification plates have not been removed. Report any evidence of tampering to law enforcement agencies and order duplicate plates.
3. Other steps you can take:
 - Mark your machine with your own numbering system
 - Take color photographs from several angles of each machine

DX, SECURE1-19-18NOV03

1. Install vandal-proof devices.
2. When machine is in storage:
 - Lower equipment to the ground
 - Set wheels to widest position to make loading more difficult
 - Remove any keys and batteries
3. When parking indoors, put large equipment in front of exits and lock your storage buildings.
4. When parking outdoors, store in a well-lighted and fenced area.
5. Make note of suspicious activity and report any thefts immediately to law enforcement agencies.
6. Notify your John Deere dealer of any losses.

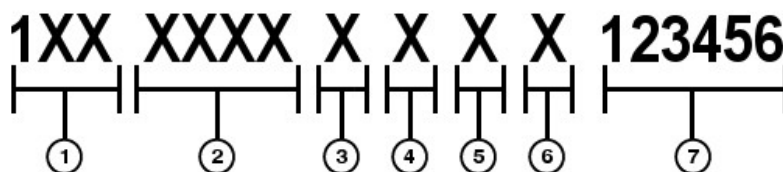
DX, SECURE2-19-18NOV03

Keep Machines Secure



TS230—UN—24MAY89

Interpreting Machine Serial Number



H105725—UN—22AUG12

Identification Numbers

1	Manufacturer Code	AX - John Deere Seeding Group BM - John Deere Montenegro CC - John Deere Arc-les-Gray CD - John Deere Usine De Saran CE - John Deere Iberica Getafe CJ - John Deere Nigel CP - John Deere Tianjin Works CQ - John Deere Horizontina DM - John Deere Roberine Enschede DW - John Deere Davenport Works DX - Deere & Company EK - John Deere Orenburg EX - John Deere Ottumwa Works FD - DCEO-Mannheim FX - DCEO-Mannheim GX - John Deere Power Products HX - John Deere Harvester Works JX - Industrias John Deere Argentina S.A. JZ - John Deere Domodedovo KM - Kemper KV - Knoxville LG - Mannheim 5x20 LV - John Deere Augusta Works LX - John Deere Werke Mannheim MC - DCEO Parts Marketing MX - John Deere Horicon Works MY - John Deere Sirhind Works	N4 - John Deere Ningbo Works NF - John Deere Tianjin Tractor Co.,Ltd NW - John Deere Catalão NX - John Deere Des Moines Works PC - John Deere Intelligent Solutions Group PX - Industrias John Deere S.A. de C.V. PY - John Deere India Pvt. Ltd RG - John Deere Power Systems RX - John Deere Waterloo Works SA - SABO Gummersbach T8 - John Deere Thibodaux TC - John Deere Turf Care TX - Worldwide Construction And Forestry Division TY - John Deere Merchandise Division WX - John Deere Welland Works WZ - John Deere Fabrik Horst B.V. XJ - Ashok Leyland John Deere Construction Equipment Company, Pvt. Ltd. XU - Xuzhou XCG John Deere Machinery Manufacturing Co., Ltd. YC - John Deere Jiamusi Agricultural Machinery YH - John Deere Harbin Works YN - John Deere Tianjin Construction Works YZ - John Deere Coffeyville Works ZT - JDI GmbH-ISB ZX - John Deere Werke Zweibrücken 9Q - John Deere Water
2	Machine Model Identifier		
3	Model Identifier Suffix Machine Configuration Code Additional Machine Information		Example: N, T, W, etc.
4	Check Letter		Example: A, B, C, D, etc.
5	Calendar Year of Manufacture		Refer to Year of Manufacture Code Table
6	Additional Information		
7	Manufacturing Serial Number		Example: 000001, 000127, etc.

Year of Manufacture Code							
Year	Code	Year	Code	Year	Code	Year	Code
2008	8	2018	J	2028	W	2038	8
2009	9	2019	K	2029	X	2039	9
2010	A	2020	L	2030	Y	2040	A
2011	B	2021	M	2031	1	2041	B
2012	C	2022	N	2032	2	2042	C
2013	D	2023	P	2033	3	2043	D
2014	E	2024	R	2034	4	2044	E
2015	F	2025	S	2035	5	2045	F
2016	G	2026	T	2036	6	2046	G
2017	H	2027	V	2037	7	2047	H

aernqxv,1704284433258-19-03JAN24

Index

A		D	
Adjust, auger drive chain.....	45-6	Deck Plate Control and Resume	
Adjustable deck plate	35-3	G5 CommandCenter Display.....	35-1
Adjusting		Deck plates	
gatherer chain tension	45-2	Adjusting.....	35-3
Adjusting Auger	45-5	Drive sprocket adjustments.....	45-5
Adjusting drive sprockets	45-5	Combines.....	45-5
Combines.....	45-5		
Air		E	
Using Pressurized Air.....	55-1	Ear Savers.....	35-5
Attaching and detaching Corn Head, Forage Harvester		End Fenders and Points	
or Corn Husker	20-1	Raising and Removing.....	35-3
Auger.....	35-2	End of Season Service	70-1
Auger drive chain, adjust	45-6	Error Codes, Calibration	40-1
Auger, adjust	45-5	Every 1000 Operating Hours	
AutoTrac RowSense	35-5	Lubricating.....	55-4
		Row unit gear cases oil	55-4
B		F	
Ballasting	10-2	Feeder house	
Beginning of Season Service	70-1	Maintenance	
Bolt and screw torque values		Safety.....	55-2
Metric	75-5	Safety stops.....	60-1
Unified inch.....	75-4	Feeder house manual unlatching.....	20-3
Button		Fixed chain feeder house	
Road transport disconnect	10-4	Adjusting sprockets	
		Combines.....	45-5
C		G	
Calibration		G5 CommandCenter Display	
Header calibration	40-1	Deck Plate Control and Resume	35-1
When to Calibrate	40-1	Gatherer chain	
Calibration Error Codes.....	40-1	Remove and install.....	60-3
Chain		Gatherers	35-4
Coupling the chain	45-6	Adjusting Gatherer Chain Lugs	45-2
Gatherer chain tension adjustment.....	45-2	Adjusting gatherer chain tension	45-2
Replacing gatherer chain	60-3	Raising Center Gatherer Shields	35-4
Reversing chain and sprocket	60-3	Removing Center Gatherer Shields	35-4
Combine		Gatherers, Adjusting Gatherer Points	45-1
Armrest		Gatherers, Leveling Gatherer Points	45-1
Switches		Gatherers, Removing Ear Savers	35-5
Road transport disconnect switch.....	10-4	Gear lubricant	50-1
Cab		GPS Guidance	
Switches		AutoTrac RowSense	35-5
Road transport disconnect switch	10-4	Grease	
Switches		Extreme pressure and multipurpose	50-1
Road transport disconnect switch	10-4		
Combines With Fixed-Chain-Drive Feeder House	35-1	H	
Corn head		Hardware torque values	
Drive and operate carefully.....	35-1	Metric	75-5
General information	35-1	Unified inch.....	75-4
Speed of travel.....	35-1	Harvesting	
Corn Head Grease		Popcorn.....	35-2
Grease, Corn Head	50-1	Header	
		Calibration	40-1

I		
Important Considerations	55-1	
Install wear strips	60-5	
L		
Lowering ACTIVE HEADER CONTROL (AHC) Ground Speed Sensors (Optional)	35-5	
Lubricant		
Mixing	50-2	
Lubricant Storage		
Storage, Lubricant	50-1	
Lubricants, safety	50-2	
Lubricating		
Every 1000 Hours	55-4	
Row unit gear cases oil	55-4	
Lubrication Symbols	55-1	
M		
Machine design life	75-3	
Maintenance		
Feeder house		
Safety	55-2	
Metric bolt and screw torque values	75-5	
Mixing lubricants	50-2	
Multi-function handle		
Adjustable deck plates	35-3	
O		
Oil Pan, Removing/Installing		
Draining Oil	60-4	
Operating the corn head		
Drive and operate carefully	35-1	
Feeder house safety stop	60-1	
General information	35-1	
Operating the Corn Head		
Adjusting Corn Head Properly	35-3	
Harvesting Corn with Weakened or Broken Stalks	35-2	
Starting In TheField	35-1	
P		
Popcorn		
Harvesting	35-2	
R		
Rasp Plates		
Adjustment	45-1	
Remove and install gatherer chain	60-3	
Remove and install wear strips	60-5	
Removing and Installing Oil Pan	60-4	
Removing and installing stalk rolls	60-1	
Reversing chain and sprocket for additional wear	60-3	
Road transport disconnect switch	10-4	
Row unit	35-3	
Adjusting drive sprockets on fixed speed drive	45-5	
Combines	45-5	
Adjusting gatherer chain tension	45-2	
Replace gear case oil	55-4	
Replacing gatherer chain	60-3	
Reversing chain and sprockets	60-3	
Row unit gear cases		
Changing oil	55-4	
Row Unit, Adjusting Deck Plates	45-3	
Row Unit, Adjusting Row Unit Drive Chain	45-3	
RowSense Guidance	35-5	
S		
Safety		
Ballasting	10-2	
Drive and operate carefully	35-1	
Feeder house	55-2	
Operator ability	10-2	
Road transport disconnect switch	10-4	
Safe maintenance, practice	10-4	
Safety stops		
Feeder house	60-1	
Safety, Avoid High-Pressure Fluids		
Avoid High-Pressure Fluids	10-6	
Safety, lubricants	50-2	
Serial numbers		
Plates	80-1	
Service		
Remove and install wear strips	60-5	
Removing and installing stalk rolls	60-1	
Reversing chain and sprockets	60-3	
Safety stops	60-1	
Servicing		
Lubricating		
Every 1000 Hours	55-4	
Row unit gear cases oil	55-4	
Shear bolt multi-coupler	20-3	
Signal words, understand	10-1	
Specification	75-1	
Speed of travel	35-1	
Sprockets		
Adjusting for combines	45-5	
Stalk Rolls	35-7	
Removing and installing	60-1	
Starting in the Field	35-1	
Storage	70-1	
Switches		
Road transport disconnect switch	10-4	
T		
Torque charts		
Metric	75-5	
Unified inch	75-4	

Transport	
Safely transporting the combine with header	10-3
Transporting	
Road transport disconnect switch	10-4
Transporting header	
On Trailer	30-1
Trouble Shooting	65-1

U

Unified inch bolt and screw torque values	75-4
Unlatching feeder house manually	20-3

W

Washers	
Using High-Pressure Washers	55-1
Wear strips	
Remove and install	60-5

John Deere Service Literature Available

Technical Information

Technical information can be purchased from John Deere. Publications are available in print or CD-ROM format.

Orders can be made using one of the following:

- John Deere Technical Information Store: **www.JohnDeere.com/TechInfoStore**
- Call 1-800-522-7448
- Contact your John Deere dealer

Available information includes:



TS189—UN—17JAN89

PARTS CATALOGS list service parts available for your machine with exploded view illustrations to help you identify the correct parts. It is also useful in assembling and disassembling.



TS191—UN—02DEC88

OPERATOR'S MANUALS providing safety, operating, maintenance, and service information.



TS224—UN—17JAN89

TECHNICAL MANUALS outlining service information for your machine. Included are specifications, illustrated assembly and disassembly procedures, hydraulic oil flow diagrams, and wiring diagrams. Some products have separate manuals for repair and diagnostic information. Some components, such as engines, are available in a separate component technical manual.



TS1663—UN—10OCT97

EDUCATIONAL CURRICULUM including five comprehensive series of books detailing basic information regardless of manufacturer:

- Agricultural Primer series covers technology in farming and ranching.
- Farm Business Management series examines “real-world” problems and offers practical solutions in the areas of marketing, financing, equipment selection, and compliance.
- Fundamentals of Services manuals show you how to repair and maintain off-road equipment.
- Fundamentals of Machine Operation manuals explain machine capacities and adjustments, how to improve machine performance, and how to eliminate unnecessary field operations.
- Fundamentals of Compact Equipment manuals provide instruction in servicing and maintaining equipment up to 40 PTO horsepower.

DX,SERV LIT-19-07DEC16

John Deere Service Keeps You on the Job

John Deere Parts



TS100—UN—23AUG88

We help minimize downtime by putting genuine John Deere parts in your hands in a hurry.

That's why we maintain a large and varied inventory—to stay a jump ahead of your needs.

DX,IBC,A-19-04JUN90

School is never out for John Deere service technicians.

Training schools are held regularly to be sure our personnel know your equipment and how to maintain it.

Result?

Experience you can count on!

DX,IBC,C-19-04JUN90

Prompt Service



TS103—UN—23AUG88

Our goal is to provide prompt, efficient care when you want it and where you want it.

We can make repairs at your place or at ours, depending on the circumstances: see us, depend on us.

JOHN DEERE SERVICE SUPERIORITY: We'll be around when you need us.

DX,IBC,D-19-04JUN90

The Right Tools



TS101—UN—23AUG88

Precision tools and testing equipment enable our Service Department to locate and correct troubles quickly . . . to save you time and money.

DX,IBC,B-19-04JUN90

Well-Trained Technicians



TS102—UN—23AUG88

