

AutoConnect Mid-Mount Mower 60D and 72D



OPERATOR'S MANUAL AutoConnect Mid-Mount Mower 60D and 72D OMLVU27668 ISSUE I3 (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

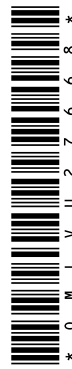
The engine exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

The State of California requires the above two warnings.

Additional Proposition 65 Warnings can be found in this manual.

John Deere Augusta Works

European Version
PRINTED IN U.S.A.



Introduction

Using Your Operator's Manual

Read this entire operator's manual, especially the safety information, before operating.

This manual is an important part of your machine. Keep all manuals in a convenient location so they can be accessed easily.

Use the safety and operating information in the attachment operator's manual, along with the machine operator's manual, to operate and service the attachment safely and correctly.

If your attachment manual has a section called Preparing the Machine, it means that you will have to do something

to your tractor or vehicle before you can install the attachment. The Assembly and Installation sections of this manual provide information to assemble and install the attachment to your tractor or vehicle. Use the Service section to make any needed adjustments and routine service to your attachment.

If you have any questions or concerns with the assembly, installation, or operation of this attachment, see your local John Deere dealer or call the John Deere Customer Contact Center at 1-800-537-8233 for assistance.

Warranty information on this John Deere attachment can be found in the warranty that came with your John Deere tractor or vehicle.

OUO1082,0006523 -19-13MAY13-1/1

Contents

Page	Page
Product Identification	
Product Compatibility.....	00-1
Record Identification Numbers	00-1
Safety Labels	
Understanding The Machine Safety Labels.....	05-1
Safety Labels.....	05-2
Safety	
Read Safety in Machine Operator's Manual.....	10-1
Training.....	10-1
Preparation.....	10-1
Operation.....	10-1
Maintenance and Storage	10-2
Checking Mowing Area.....	10-2
Parking Safely	10-2
Rotating Blades are Dangerous	10-3
Protect Children.....	10-3
Stay Clear of Rotating Drivelines	10-3
Avoid Tipping	10-4
Wear Appropriate Clothing	10-4
Assembly	
Parts in Lift Kit	15-1
Install Gearbox and Tensioner Pulley (60D only).....	15-3
Install Wheels	15-4
Install Discharge Chute	15-5
Install Forward Lift Link on Mower Deck.....	15-5
Assemble Rear Lift Link.....	15-6
Install Hangers.....	15-7
Install Brackets	15-8
Install Mid Rockshaft	15-9
Install Height Adjust Link	15-9
Complete Installation of Lift Kit.....	15-10
Installing	
Preparing Machine	25-1
Prepare Tractor and PTO Coupler.....	25-1
Attach Mower Deck to Tractor	25-2
Removing and Storing	
Removing Mower.....	30-1
Storing Mower	30-2
Operating	
Raising and Lowering Mower	35-1
Adjusting Mower Level (Side-to-Side)	35-1
Adjusting Mower Level (Front-to-Rear)	35-1
Adjusting Mower Wheels	35-2
Using Height Adjust Link	35-2
Engaging Mower.....	35-2
Unplugging Mower.....	35-3
Transporting Mower on Machine	35-3
Service	
Service Intervals	40-1
Grease.....	40-1
Gear Oil	40-1
Lubricating Mower	40-2
Servicing Gearbox	40-3
Servicing Mower Belt.....	40-3
Servicing Mower Blades	40-4
Replacing Wheels.....	40-6
Replacing Sheaves.....	40-6
Specifications	
60 Inch 7-Iron Mower Deck	60-1
72 Inch 7-Iron Mower Deck	60-1
Getting Quality Service	
Service Literature	65-1
Parts	65-1
Order Service Parts Online.....	65-1
John Deere Quality Continues with Quality Service	65-1
Declaration of Conformity	
EC Declaration of Conformity	70-1

*Original Instructions. All information, illustrations and specifications in this manual are based on the latest information available at the time of publication.
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Product Identification

Product Compatibility

The 60D and 72D AutoConnect mowers are designed for use with compact utility tractor models: 3120, 3320, 3520, 3720, 3033R, 3038R, 3039R, 3045R and 3046R.

Before operating the mower, the following equipment must be installed on the machine. See your John Deere dealer.

- Mid-PTO Kit
- Mower Lift Kit

UP00731,000004D -19-28AUG13-1/1

Record Identification Numbers

AutoConnect Mower

60D Serial No. (060001-)

72D Serial No. (060001-)

If you need to contact an Authorized Service Center for information on servicing, always provide the product model and serial number.

You will need to locate the model and serial numbers for the mower deck and record the information in the spaces provided below.

DATE OF PURCHASE:

DEALER NAME:

DEALER PHONE:

PRODUCT SERIAL NUMBER:

UP00731,000004E -19-28AUG13-1/1

Safety Labels

Understanding The Machine Safety Labels

The machine safety labels shown in this section are placed in important areas on your machine to draw attention to potential safety hazards.

On your machine safety labels, the words DANGER, WARNING, and CAUTION are used with this safety-alert symbol. DANGER identifies the most serious hazards.

The operator's manual also explains any potential safety hazards whenever necessary in special safety messages that are identified with the word, CAUTION, and the safety-alert symbol.

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

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



Spanish Safety Signs and Operator's Manual

Spanish versions of the operator's manual and safety signs are available for this machine through authorized John Deere dealers. See your John Deere dealer.

*NOTE: Both text and pictorial labels are shown below.
Your machine will only be equipped with one of these types of labels.*

MXAL42363 —UN—22MAY13

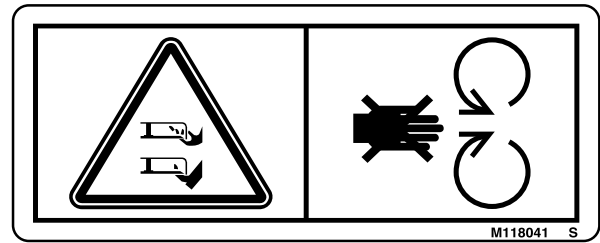
MP47322,00F4601 -19-15AUG13-1/1

Safety Labels

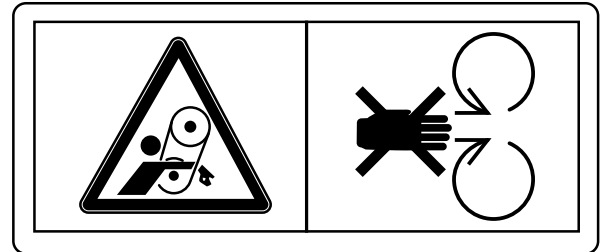
DANGER

ROTATING BLADE

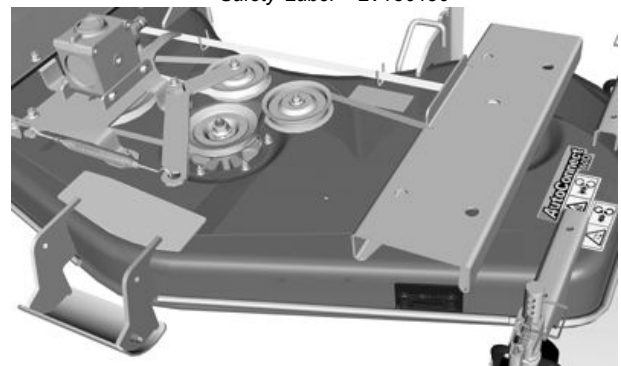
Do not put hands or feet under or into mower when engine is running.



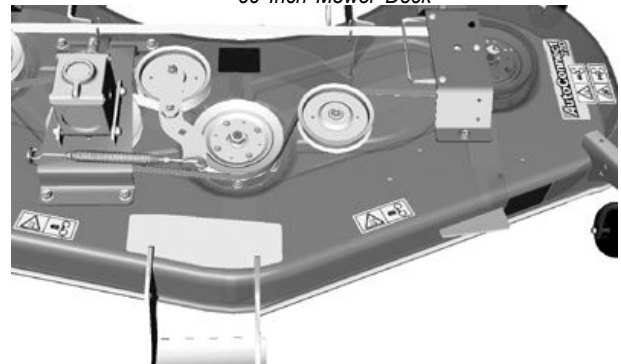
Safety Label - M118041



Safety Label - LV136436



60 Inch Mower Deck



72 Inch Mower Deck

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UP00731,0000092 -19-05SEP13-1/5

LV18940 —UN—28AUG13

LV18939 —UN—28AUG13

LV18921 —UN—28AUG13

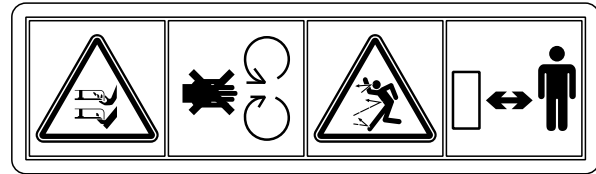
LV18922 —UN—28AUG13

DANGER

To avoid injury from rotating blades and thrown objects:

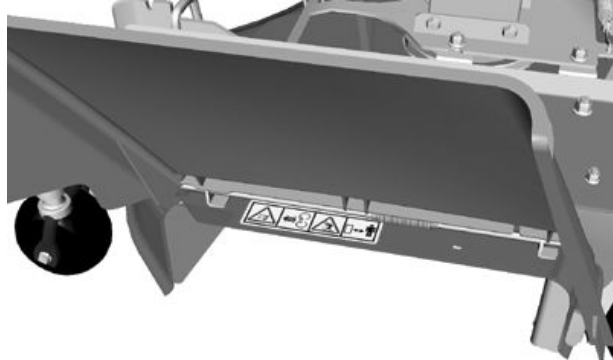
Keep hands and feet away from rotating blades.

Keep bystanders a safe distance away. Do not operate mower without discharge chute or entire grass catcher in place.



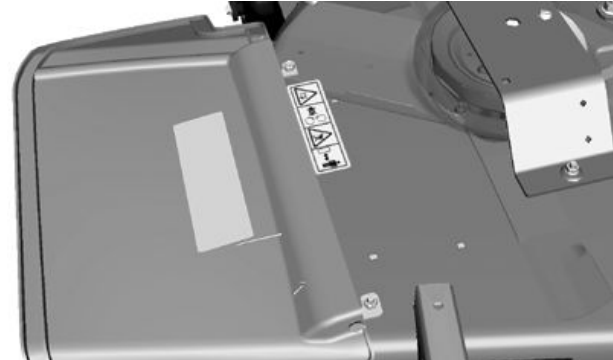
LV18937 —UN—28AUG13

Safety Label - M138631



LV18923 —UN—28AUG13

60 Inch Mower Deck



LV18924 —UN—28AUG13

72 Inch Mower Deck

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UP00731,0000092 -19-05SEP13-2/5

DANGER

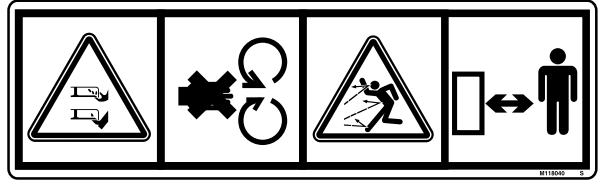
ROTATING BLADE

Do not put hands or feet under or into mower when engine is running.

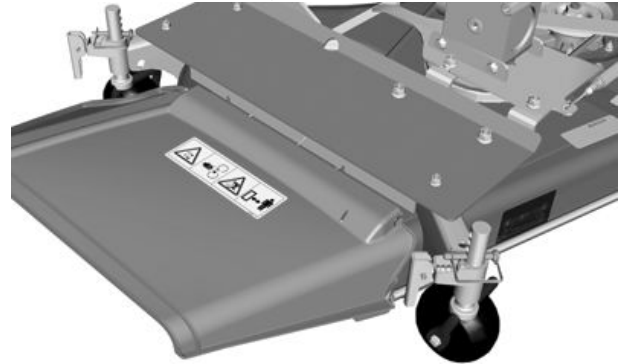
THROWN OBJECTS

Before mowing, clear area of objects that may be thrown by blade.

Do not operate mower without discharge chute or entire grass catcher in place.



Safety Label - M118040



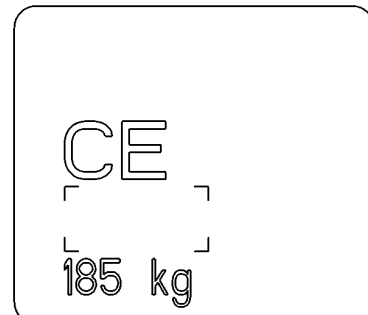
60 Inch Mower Deck



72 Inch Mower Deck

UP00731,0000092 -19-05SEP13-3/5

This label on your machine indicates that this model has been certified and is in compliance with European Directive 98/37/EEC.



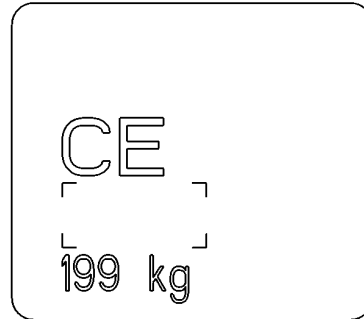
LVU23051 - For 60D Mower

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UP00731,0000092 -19-05SEP13-4/5

Safety Labels

This label on your machine indicates that this model has been certified and is in compliance with European Directive 98/37/EEC.



LVU23052 - For 72D Mower Deck

LV19009 —UN—05SEP13

UP00731,0000092 -19-05SEP13-5/5

Safety

Read Safety in Machine Operator's Manual

Read the general safety operating precautions in your machine operator's manual for additional safety information.

UP00731,0000095 -19-04SEP13-1/1

Training

- Read the instructions carefully. Be familiar with the controls and the proper use of the equipment.
- Never allow children or people unfamiliar with these instructions to use the lawn mower. Local regulations can restrict the age of the operator.
- Never mow while people, especially children, or pets are nearby.
- Keep in mind that the operator or user is responsible for accidents or hazards occurring to other people or their property.
- Do not carry passengers.

AP43109,0000288 -19-16APR13-1/1

Preparation

- While mowing, always wear substantial footwear and long trousers. Do not operate the equipment when barefoot or wearing open sandals.
- Thoroughly inspect the area where the equipment is to be used and remove all objects which can be thrown by the machine.
- Before using, always visually inspect to see that the blades, blade bolts and cutter assembly are not worn or damaged. Replace worn or damaged blades and bolts in sets to preserve balance.
- On multi-bladed machines, take care as rotating one blade can cause other blades to rotate.

AP43109,0000289 -19-15APR13-1/1

Operation

- Do not operate the engine in a confined space where dangerous carbon monoxide fumes can collect.
- Mow only in daylight or in good artificial light.
- Before attempting to start the engine, disengage all blade attachment clutches and shift into neutral.
- Remember there is no such thing as a safe slope. Travel on grass slopes requires particular care. To guard against overturning:
 - Never mow across the face of a slope, unless the machine is designed for this purpose.
- Stop the blades from rotating before crossing surfaces other than grass.
- Never direct discharge of material toward bystanders nor allow anyone near the machine while in operation.
- Never operate the machine with defective guards, or without safety protective devices in place.
- Do not change the engine governor settings or overspeed the engine. Operating the engine at excessive speed can increase the hazard of personal injury.
- Before leaving the operator's position:
 - Disengage the drive to any attachments and lower them;
 - Change into neutral and lock the parking brake;
 - Stop the engine and remove the key.
- Disengage drive to attachments, stop the engine, disconnect the spark plug wires and remove the ignition key:
 - Before clearing blockages or unclogging chute;
 - Before checking, cleaning, or working on the machine;
 - After striking a foreign object. Inspect the machine for damage and make repairs before restarting and operating the equipment;
 - If the machine starts to vibrate abnormally (check immediately).
- Disengage drive to attachments when transporting or not in use.
- Stop the engine and disengage drive to attachment:
 - Before refueling;
 - Before removing the grass catcher;
 - Before making height adjustment unless adjustment can be made from the operator's position.
- Reduce the throttle setting during run-out and, if the engine is provided with a shut-off valve, turn the fuel off at the conclusion of mowing.
- Inspect machine before you operate. Repair or replace damaged, badly worn, or missing parts. Make any necessary adjustments before you operate.
- Do not operate mower without discharge chute or entire grass catcher in place. Never operate with the discharge deflector raised, removed, or altered, unless using a grass catcher.
- Stop machine if anyone enters the area.
- Use only accessories and attachments approved by the manufacturer of the machine. Keep safety labels visible when installing accessories and attachments.
- Never raise mower decks when blades are running.

AP43109,000028A -19-18APR13-1/1

Maintenance and Storage

- Keep all nuts, bolts and screws tight to be sure the equipment is in safe working condition.
- Never store the equipment with fuel in the tank inside a building where fumes can reach an open flame or spark.
- Allow the engine to cool before storing in any enclosure.
- To reduce the fire hazard, keep the engine, silencer, battery compartment and fuel storage area free of grass, leaves, or excessive grease.
- Check the grass catcher frequently for wear or deterioration.
- Replace worn or damaged parts for safety.
- If the fuel tank has to be drained, this should be done outdoors.
- On multi-bladed machines, take care as rotating one blade can cause other blades to rotate.
- When machine is to be parked, stored or left unattended, lower the cutting means unless a positive mechanical lock is used.
- Use jack stands or lock service latches to support components when required. Securely support any machine elements that must be raised for service work.
- Before servicing machine or attachment, carefully release pressure from any components with stored energy, such as hydraulic components or springs.
- Release hydraulic pressure by lowering attachment or cutting units to the ground or to a mechanical stop and move hydraulic control levers back and forth.
- Disconnect battery or remove spark plug (for gas engines) before making any repairs. Disconnect the negative terminal first and the positive last. Reconnect positive first and negative last.
- Use care when checking blades. Wrap the blades or wear gloves, and use caution when servicing them. Only replace blades. Never straighten or weld them.
- Keep hands, feet, clothing, jewelry and long hair away from moving parts. If possible, do not make adjustments with the engine running.
- Charge batteries in an open well ventilated area, away from spark and flames. Unplug charger before connecting or disconnecting from battery. Wear protective clothing and use insulated tools.

AP43109,000028B -19-15APR13-1/1

Checking Mowing Area

TCAL41689 —UN—08APR13

- Clear mowing area of objects that might be thrown. Keep people and pets out of mowing area.
- Low-hanging branches and similar obstacles can injure the operator or interfere with mowing operation. Before mowing, identify potential obstacles such as low-hanging branches, and trim or remove those obstacles.
- Study mowing area. Set up a safe mowing pattern. Do not mow where traction or stability is doubtful.
- Test drive area with mower lowered but not running. Slow down when you travel over rough ground.



AP43109,000028C -19-15APR13-1/1

Parking Safely

1. Stop machine on a level surface, not on a slope.
2. Disengage PTO and stop attachments.
3. Lower attachments to the ground.
4. Lock the park brake.
5. Stop the engine.
6. Remove the key.
7. Wait for engine and all moving parts to stop before you leave the operator's seat.
8. Close fuel shut-off valve, if your machine is equipped.
9. Disconnect the negative battery cable or remove the spark plug wire(s) (for gasoline engines) before servicing the machine.

UP00731,000009D -19-04SEP13-1/1

Rotating Blades are Dangerous

TCAL43410 —UN—15MAR13

HELP PREVENT SERIOUS OR FATAL ACCIDENTS:

- Rotating blades can cut off arms and legs, and throw objects. Failure to observe safety instructions could result in serious injury or death.
- Keep hands, feet and clothing away from mower deck when engine is running.
- Be alert at all times, drive forward and in reverse carefully. People, especially children can move quickly into the mowing area before you know it.
- Before backing up, stop mower blades or attachments and look down and behind the machine carefully, especially for children.



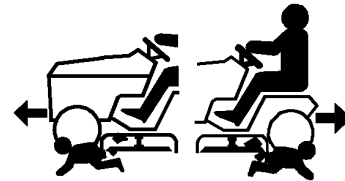
- Do not mow in reverse.
- Shut off blades when you are not mowing.
- Park machine safely before leaving the operator's station for any reason including emptying the grasscatchers or unplugging the chute.

UP00731,000009E -19-04SEP13-1/1

Protect Children

MXAL41929 —UN—18FEB13

- Death or serious injury can occur when young children associate having fun with a lawn mowing machine simply because someone has given them a ride on a machine.
- Children are attracted to lawn mowing machines and mowing activities. They don't understand the dangers of rotating blades or the fact that the operator is unaware of their presence.
- Children who have been given rides in the past may suddenly appear in the mowing area for another ride and be run over or backed over by the machine.
- Tragic accidents with children can occur if the operator is not alert to the presence of children, especially when a child approaches a machine from behind. Before and while backing up, stop mower blades and look down and behind the machine carefully, especially for children.
- Never carry children on a machine or attachment, even with the blades off. Do not tow children in a cart or trailer. They can fall off and be seriously injured or interfere with safe machine operation.
- Never use the machine as a recreational vehicle or to entertain children.



- Never allow children or an untrained person operate the machine. Instruct all operators not to give children a ride on the machine or in an attachment.
- Keep children indoors, out of the mowing area, and in the watchful eye of a responsible adult, other than the operator, when a mower is being operated.
- Stay alert to the presence of children. Never assume that children will remain where you last saw them. Turn the machine off if a child enters the work area.
- Use extreme care when approaching blind corners, shrubs, trees, or other objects that may block your view of a child.

OUO1023,0000037 -19-21FEB13-1/1

Stay Clear of Rotating Drivelines

Entanglement in rotating driveline can cause serious injury or death.

- Wear close fitting clothing.
- Stop the engine and be sure PTO driveline is stopped before getting near it.

UP00731,000009A -19-04SEP13-1/1

Avoid Tipping

TCAL47141 —UN—12APR13



- Slopes are a major factor related to loss-of-control and tip-over accidents, which can result in severe injury or death. Operation on all slopes requires extra caution.
- Be aware that mechanical front wheel drive (MFWD) can improve access to dangerously sloped terrain, thereby increasing the possibility of a tipover.
- Drive up and down a hill - not across.
- Watch for holes, ruts, bumps, rocks, or other hidden objects. Uneven terrain could overturn the machine. Tall grass can hide obstacles.
- Do not mow or operate machine on wet grass. Tires may lose traction. Tires may lose traction on slopes even though the brakes are functioning properly.
- Choose a low ground speed so you will not have to stop or shift while on a slope.
- Always keep the machine in gear when going down slopes. Do not shift to neutral and coast downhill.
- Avoid starting, stopping or turning on a slope. If the tires lose traction, disengage the blades and proceed slowly, straight down the slope.

- Keep all movement on slopes slow and gradual. Do not make sudden changes in speed or direction, which could cause the machine to roll over.
- Do not operate machine near drop-offs, ditches, embankments, or bodies of water. The machine could suddenly roll over if a wheel goes over the edge or the edge caves in. Leave a safety area between the machine and any hazard.
- Danger of tipping is increased greatly with tires in narrow tread setting and driving at high speed.
- Follow the manufacturer's recommendations for wheel weights or counterweights for added stability when operating on slopes or using front or rear mounted attachments. Remove weights when not required.

UP00731,000009B -19-04SEP13-1/1

Wear Appropriate Clothing

TCAL41682 —UN—08MAR13



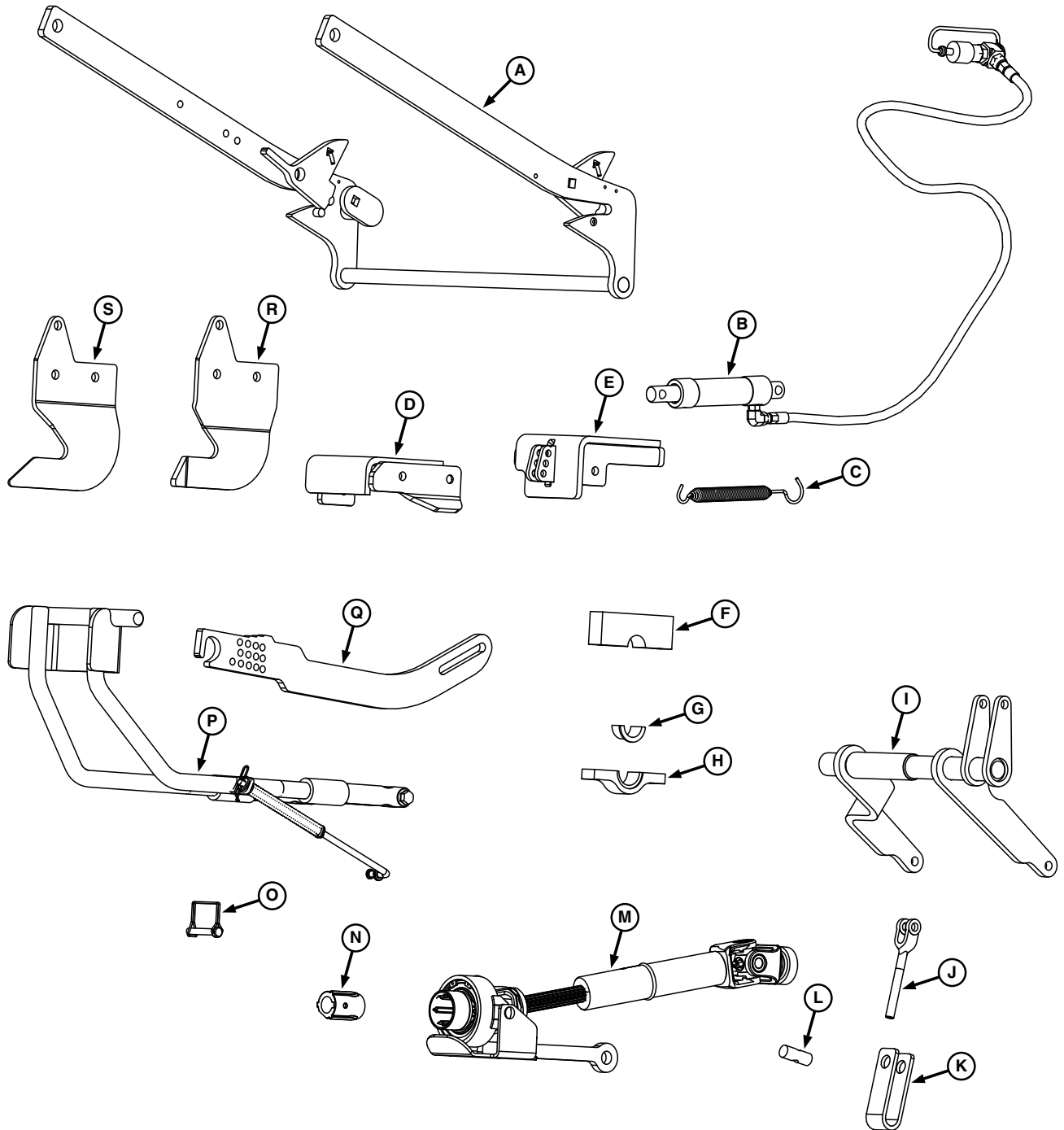
- Always wear safety goggles, or safety glasses with side shields, and a hard hat when operating the machine.
- Wear close fitting clothing and safety equipment appropriate for the job.
- While operating this machine, always wear substantial footwear and long trousers. Do not operate the equipment when barefoot or wearing open sandals.
- Wear a suitable protective device such as earplugs. Loud noise can cause impairment or loss of hearing.

UP00731,00000A0 -19-04SEP13-1/1

Assembly

Parts in Lift Kit

NOTE: Some parts are installed on tractor, and others are installed on mower.



Parts in Kit
Continued on next page

UP00731,000004F -19-03OCT13-1/2

LV18642 —UN—20AUG13

Assembly

Qty	Description
1	Rear Lift Link (A)
1	Cylinder (B)
1	Spring (C)
1	Right Bracket (D)
1	Left Bracket (E)
2	Block Clamp (F)
2	Rockshaft Bushing (G)
2	Half Clamp (H)
1	Mid Rockshaft (I)
2	Adjustable Yoke (J)
2	U-Bracket (K)
2	Link Pin (L)
1	Bearing Assembly (M)
1	**Coupler, Male (N)
2	Snap Lock Pin Assembly (O)
1	**Forward Lift Link (P)
1	Height Adjust Link (Q)
1	Left Hanger (R)
1	Right Hanger (S)
1	**Set Screw, M8x8
2	Clevis
2	Drilled Pin
6*	Flange Head Bolt, M12x65
6*	Flange Head Bolt, M12x45
12	Locknut, M12
1	Hex Socket Head Bolt, M12x30
3	Hex Head Bolt, M12x30
4	Hex Head Bolt, M12x90
1	Pin, Cylinder to Rockshaft
1	Clevis Pin, M12x70
4	Washer, 1/2
3	Cotter Pin
4	Bushing
4	Flange Head Bolt, M12x50
2	Drilled Pin, M12x35
2	Locking Ring

* Quantity used will depend on tractor with grille guard application.

** Parts will be installed on mower deck.

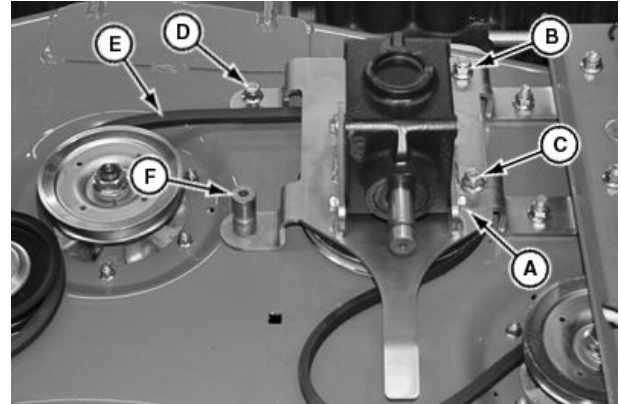
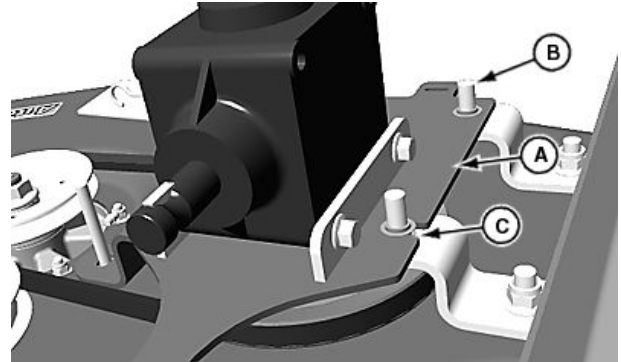
UP00731,000004F -19-03OCT13-2/2

Install Gearbox and Tensioner Pulley (60D only)

1. Place gearbox support (A) over bolt (B) and rotate slot into position at location (C).
2. Drop support down onto bolt at location (D).
3. Route belt (E) between left legs of gearbox support and around gearbox pulley as shown.
4. Install nuts on bolts (B) (C) and (D).
5. Install bushing (F) on left rear bolt. It may be necessary to grasp end of bolt and pull upward to install bushing.

A—Gearbox Support
B—Bolt
C—Slot Position

D—Bolt Location
E—Belt
F—Bushing



LV18649—UN—20AUG13

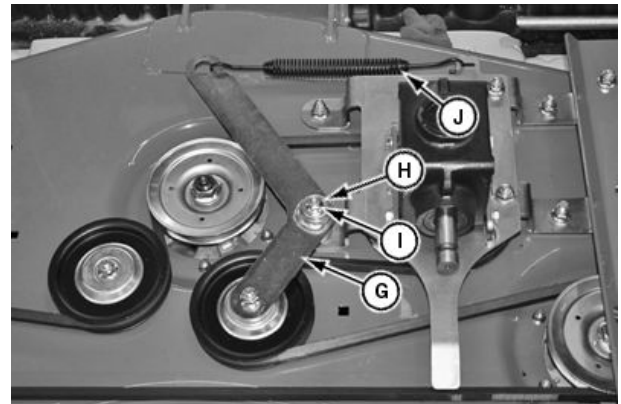
LV18650—UN—20AUG13

UP00731,0000050 -19-05SEP13-1/3

6. Position tensioner pulley (G) on top of bushing. Install washer (H) and secure with nut (I).
7. Route belt around tensioner pulley as shown.
8. Attach spring (J) to tensioner arm and gearbox support.
9. Tighten nut (I) to 73 N•m (53.8 lb-ft).
10. Tighten remaining three nuts to 120 N•m (88.5 lb-ft).
11. Check all pulleys for proper belt alignment.

G—Tensioner Pulley
H—Washer

I—Nut
J—Spring



LV18651—UN—20AUG13

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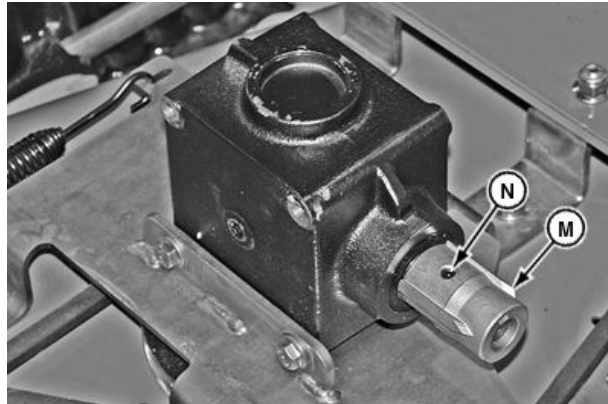
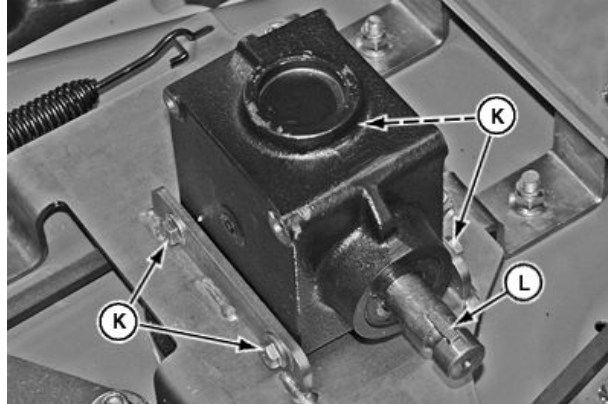
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NOTE: Gearbox side mounting bolts (K) are loose. Slide gearbox as far rearward as possible within the mounting slots and tighten to 80 N•m (59 lb-ft).

12. Install woodruff key (L) in slot in gearbox shaft. Coat shaft with MPG-2 anti-seize lubricant or equivalent.
13. Install male coupler (M) onto gearbox shaft and secure with set screw (N). Male coupler and set screw are provided in lift kit.

K—Bolts
L—Woodruff Key

M—Male Coupler
N—Screw



LV18652—UN—20AUG13

LV18653—UN—20AUG13

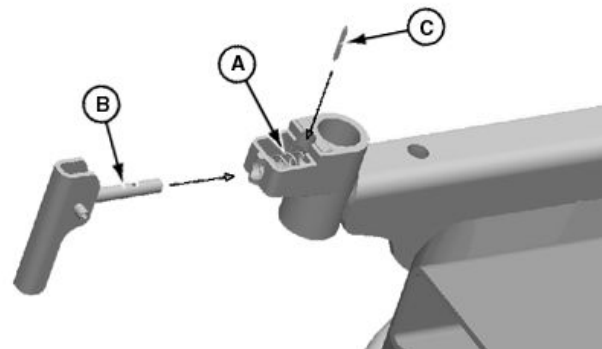
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Install Wheels

NOTE: 60D mower includes two offset wheels which are to be installed on right side of mower; 72D mower wheels are all the same.

CAUTION: Machine component or attachment is heavy. Use a safe lifting device with correct load capacity rating to lift, install or remove component or attachment.

1. Remove mower from crate using chain hoist or other suitable device.
2. 60D Mower only:
 - a. Install spring (A) in bracket as shown.
 - b. Push wheel lock assembly (B) into bracket.
 - c. Install roll pin (C) to secure wheel lock assembly.



60D mower left rear wheel area shown.

A—Spring
B—Lock Assembly

C—Roll Pin

LV18654—UN—20AUG13

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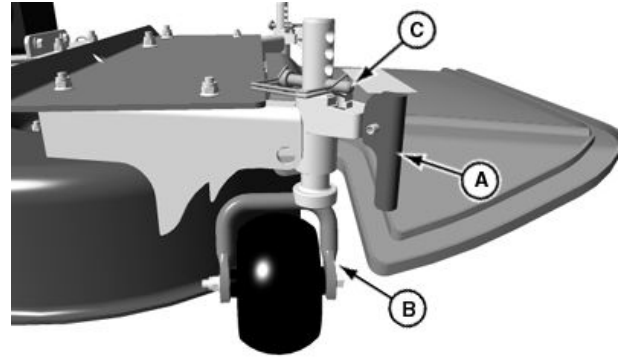
UP00731,0000051 -19-26AUG13-1/2

NOTE: After wheels are installed, it may be necessary to lock wheels by pressing downward on handles (A) until they are perpendicular to ground. However, wheels must be in the unlocked position before installing mower on tractor.

3. Install wheels (B) by sliding wheel shaft up through wheel bracket.
4. Install spring pin (C) in each wheel.

A—Handles
B—Wheels

C—Spring Pin



60D mower offset wheels shown installed on right side of mower

UP00731,0000051 -19-26AUG13-2/2

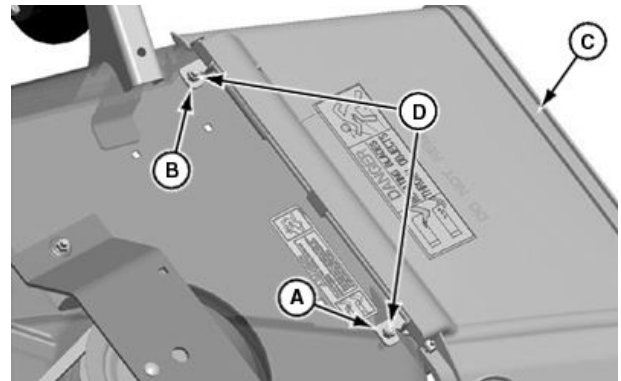
LV18655 —UN—20AUG13

Install Discharge Chute

1. Attach rear hinge (A) to deck with nut. Do not tighten.
2. Pre-load spring with one hand and attach front hinge (B) to deck with nut. Do not tighten.
3. Pull chute assembly (C) away from deck as nuts (D) are tightened to help align hinges.

A—Rear Hinge
B—Front Hinge

C—Chute Assembly
D—Nuts



72 Mower Shown

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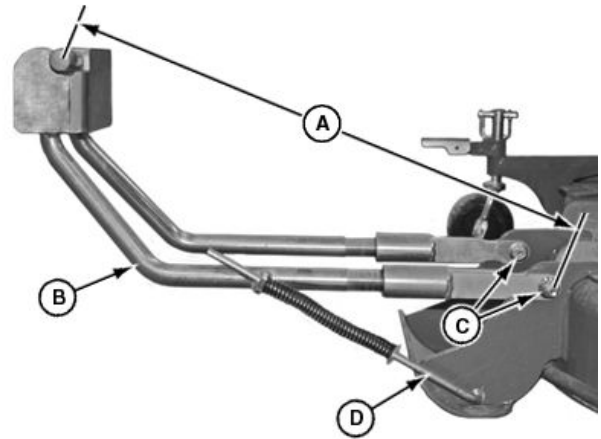
LV18656 —UN—20AUG13

Install Forward Lift Link on Mower Deck

1. Measure distance (A) from center of horizontal frame to center of bolt. Distance (A) should be 599 mm (23.6 in.).
2. Secure forward lift link (B) to mower deck with two M12x50 flange head bolts and two locknuts (C). Adjust as necessary to obtain correct distance before tightening locknuts completely.
3. Insert end of rod (D) in slot with front link raised so spring is fully extended.

A—Distance from center of horizontal frame to center of bolt
B—Forward lift link

C—lock nuts
D—rod



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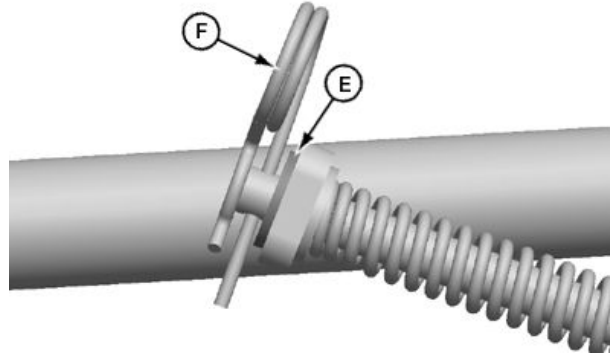
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LV18657 —UN—20AUG13

4. Tractors with loader installed: Loader components may hit forward link when removing mower. During initial set up, add washers (E) as needed to prevent contact with loader components.
 - a. Remove hair pin (F) from top of rod.
 - b. Add washers (E) as needed to prevent contact with loader components.
 - c. Install hair pin.

E—Washers

F—Hair pin



Tractors with loaders installed

UP00731,0000053 -19-26AUG13-2/2

LV18658—UN—20AUG13

Assemble Rear Lift Link

NOTE: If installing kit on tractor with cab, a lock (A) and roll pin (B) must be ordered separately.

1. Tractors with cab: Replace lock on left side of rear link with new lock (A). Push roll pin (B) in from outside of rear lift link. Roll pin should clear sheet metal tab on new lock.

A—Lock

B—Roll Pin

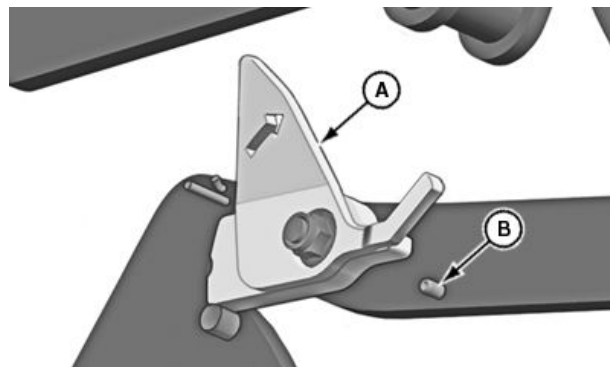


Image shown from inside of rear lift link. Lock is shown in the install / locked position.

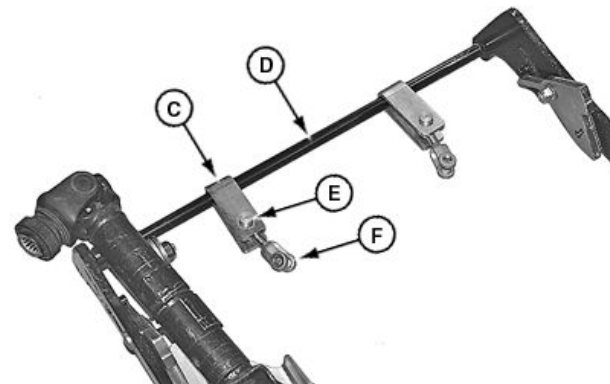
UP00731,0000054 -19-26AUG13-1/2

LV18659—UN—20AUG13

2. Install two U-brackets (C) on rear lift link (D) with two link pins (E) and adjustable yokes (F).

C—U-brackets
D—Rear lift link

E—Link pins
F—Yokes



UP00731,0000054 -19-26AUG13-2/2

LV18660—UN—20AUG13

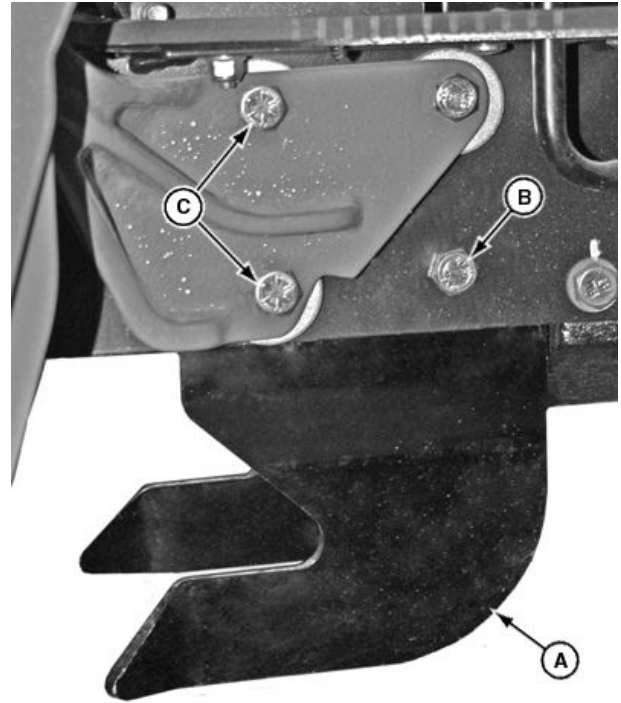
Install Hangers

Install Hangers on Tractors without Front Hitch

1. Install left hanger (A).
 - a. Tractor with grille guard: Install left hanger (A) on inside of tractor frame with one M12x45 flange head bolt (B), two M12x65 flange head bolts (C) and three M12 locknuts.
 - b. Tractor without grille guard: Install left hanger (A) on inside of tractor frame with three M12x45 flange head bolts (B and C) and M12 locknuts.
2. Install right hanger.
3. Push bottom of hangers fully rearward and tighten hardware to 130 N•m (96 lb-ft).

A—Hanger
B—Flange Head Bolts

C—Flange Head Bolts



Hangers shown on tractor with grille guard

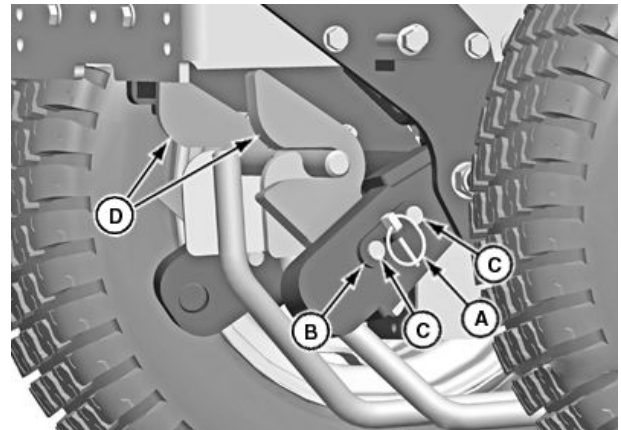
UP00731,000008F -19-05SEP13-1/2

LV18661—UN—20AUG13

Install Hangers on Tractors with Front Hitch

NOTE: Hangers included in this kit are intended for use on tractors without front hitch. If kit is being installed on tractor with front hitch, different hangers must be purchased and installed. See your John Deere Dealer.

1. Fully lower front hitch using hydraulics.
2. Completely close flow valve.
3. Disconnect front hitch hoses from SCV and tie out of way.
4. Remove locking rings (A) securing hitch arms to front hitch structure.
5. Pull brackets (B) and pins (C) out enough to insert new hangers (D).
6. Push pins (C) through holes in hangers and replace locking rings (A).



A—Locking ring
B—Bracket

C—Pin
D—Hanger

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LV18662—UN—20AUG13

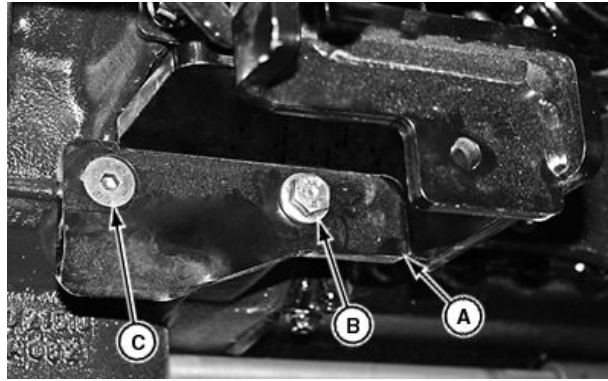
Install Brackets

1. Install right bracket (A) on tractor with one M12x30 hex head bolt (B) and one M12x30 hex socket head bolt (C). Push bracket fully forward and tighten hardware.

A—Bracket

B—Hex Head Bolt, M12x30

C—Socket Head Bolt M12x30



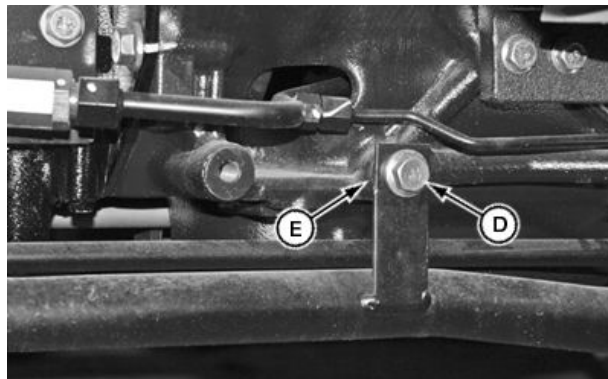
LV18663—UN—20AUG13

UP00731,0000057 -19-05SEP13-1/3

2. Remove bolt (D) and spacer (E) from suction side filtration tube at left side of tractor.

D—Bolt

E—Spacer



LV18664—UN—20AUG13

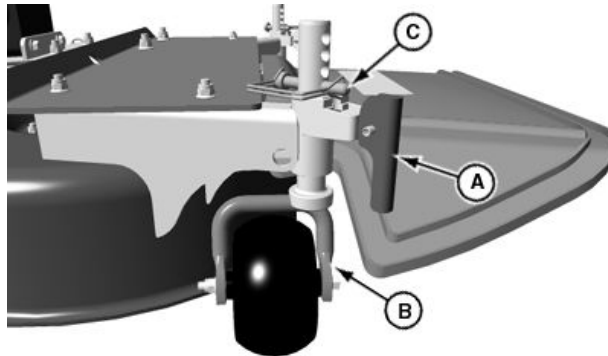
UP00731,0000057 -19-05SEP13-2/3

3. Slide edge of right bracket (F) behind tab (G). Push bracket fully forward and secure with two M12x30 hex head bolts (H).

F—Bracket

G—Tab

H—Hex Head Bolts, M12x30



LV18655—UN—20AUG13

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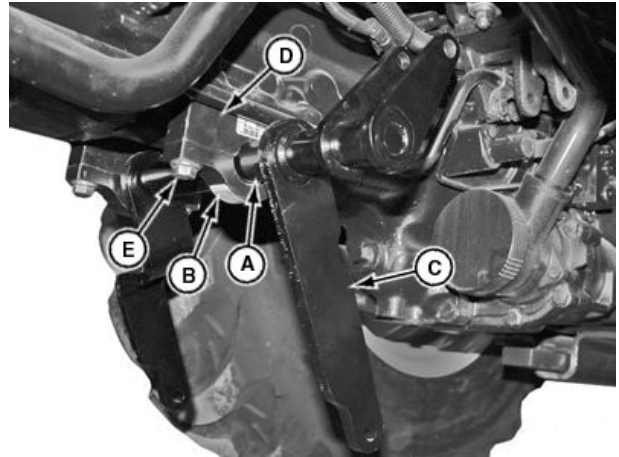
Install Mid Rockshaft

NOTE: Make sure rockshaft bushings (A) are properly seated as the half clamps are tightened. Bushings may be damaged if not properly seated.

1. Position rockshaft bushings (A) with flange end facing centerline of tractor, and between half clamp (B) and mid rockshaft (C).
2. Position block clamp (D) on top of mid rockshaft and install all parts to tractor with four M12x90 hex head bolts (E).
3. Tighten bolts to 130 N•m (96 lb-ft).

A—Rockshaft bushing
B—Half Clamp
C—Rockshaft

D—Block Clamp
E—Hex Head Bolts, M12x90



LV18666 —UN—20AUG13

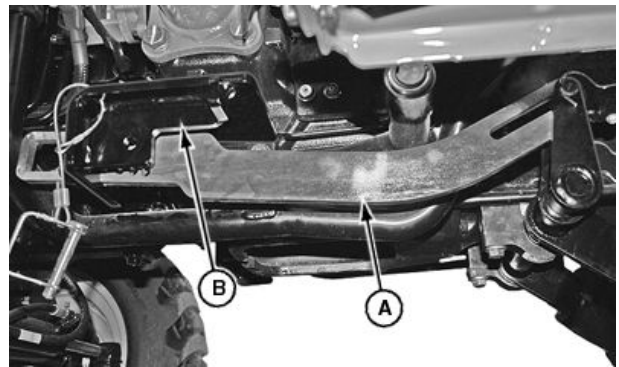
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Install Height Adjust Link

1. Slide height adjust link (A) in left bracket (B).

A—Height Adjust Link

B—Bracket



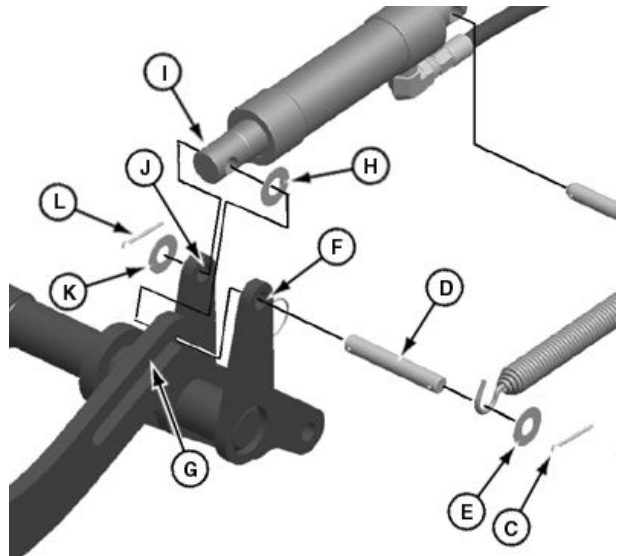
LV18667 —UN—20AUG13

UP00731,0000059 -19-05SEP13-1/4

2. Install cylinder rod end and height lock link to rockshaft. Insert cotter pin (C) into end of rockshaft pin (D). Push pin through washer (E), first arm of rockshaft (F), slot in height lock link (G), washer (H), rod end of cylinder (I), second arm on rockshaft (J) and final washer (K). Secure with cotter pin (L). Make sure washers are installed as shown.

C—Cotter Pin
D—Rockshaft Pin
E—Washer
F—Arm of Rockshaft
G—Lock Link

H—Washer
I—Cylinder
J—Arm of Rockshaft
K—Washer
L—Cotter Pin



LV18668 —UN—20AUG13

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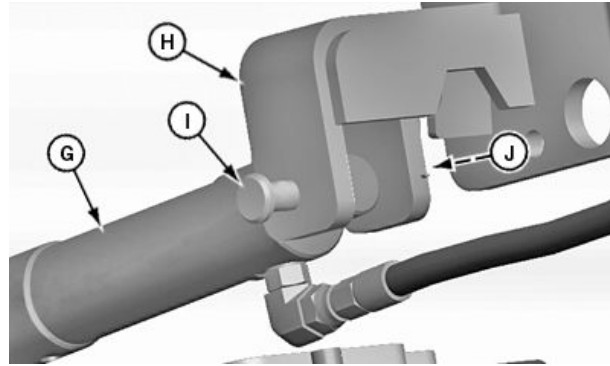
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NOTE: If installing lift kit on tractor with cab, a separate bracket must be purchased before cylinder can be installed.

3. Tractor with cab: Attach head end of cylinder (G) to bracket (H) with M12x70 drilled pin (I) and locking ring (J).

G—Cylinder
H—Bracket

I— Drilled Pin, M12x70



Tractor with cab

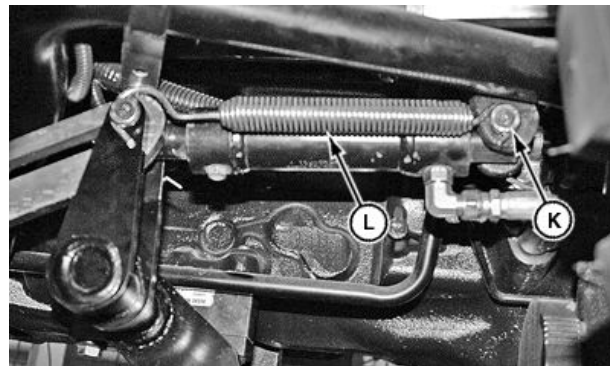
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4. Secure other end of cylinder with M12x70 drilled pin (K), washer and cotter pin.
5. Install spring (L) with spring rotation down.

K—Drilled Pin M12x70

L— Spring



LV18670 —UN—20AUG13

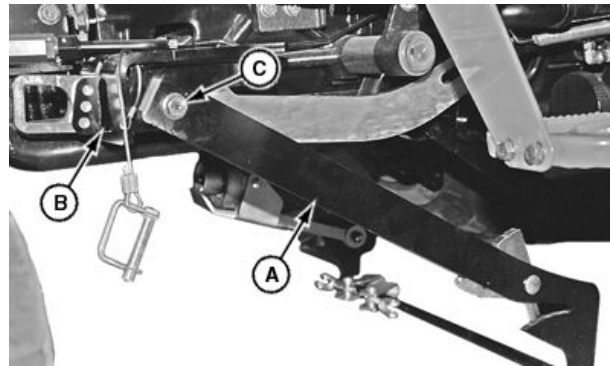
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Complete Installation of Lift Kit

1. Secure rear lift link (A) to left bracket (B) with one M12x50 flange bolt, one bushing and one M12 locknut (positioned at outside of lift link) (C).
2. Secure rear lift link to right bracket.

A—Lift Link
B—Bracket

C—Bolt, Bushing and Locknut



LV18671 —UN—20AUG13

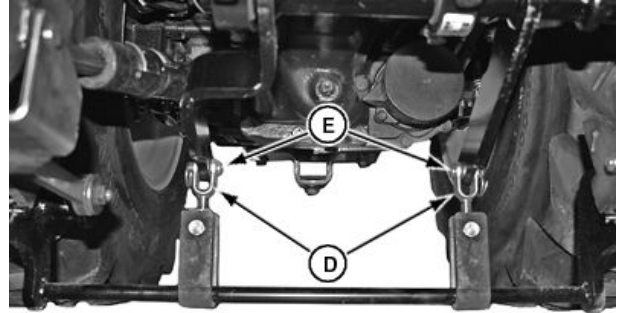
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UP00731,000005A -19-26AUG13-1/3

3. Attach adjustable yokes (D) to mid rockshaft with two M12x35 drilled pins (E) and locking rings.
4. Install mid PTO shaft.
5. Either route hydraulic cylinder hose to rear of tractor and attach to third SCV, or attach it to curl circuit on dual SCV.
6. Install one hair pin in rear hole on right arm of rear lift link. Install hair pin in hole in left bracket.

D—Adjustable Yokes

E—Drilled Pins, M12x35

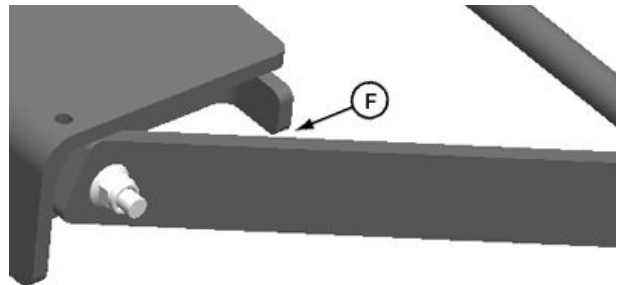


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UP00731,000005A -19-26AUG13-2/3

7. Start tractor and slowly raise lift system. Arms of rear link should clear up-stops at rear of brackets mounted on transmission by 1-2 mm (0.04 - 0.08 in.) (F).

**F—Arms should clear up-stops
by 1-2 mm (0.04-0.08 in.)**



LV18673—UN—20AUG13

UP00731,000005A -19-26AUG13-3/3

Installing

Preparing Machine

Required Equipment:

- Tractor Mid-PTO
- Mower Lift Kit

Machine Setup:

1. Park machine safely. (See Parking Safely in SAFETY.)
2. Follow machine operator's manual instructions to check tire pressure.
3. Follow instructions in ASSEMBLY in this manual.

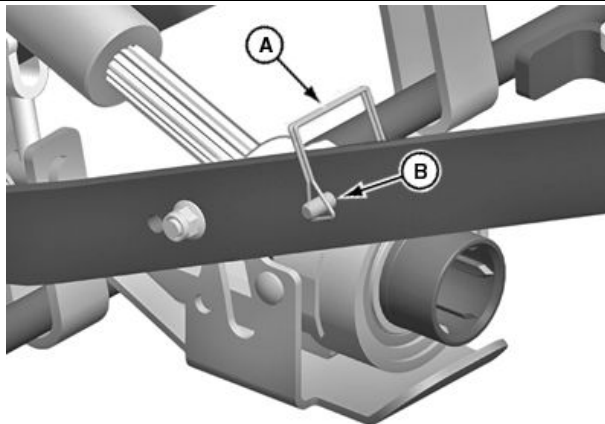
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Prepare Tractor and PTO Coupler

1. Raise lift system fully.
2. Remove pin from height lock.
3. Lower lift system fully.
4. Remove snap lock pin from coupler support and make sure support drops completely.
5. Place pins (A) in forward storage holes (B) in lift link.

A—Pins

B—Storage holes



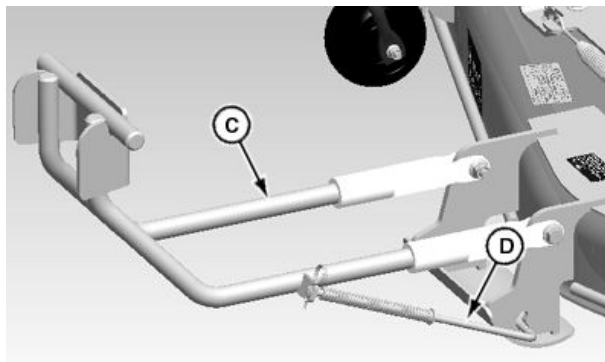
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UP00731,0000060 -19-26AUG13-1/3

6. Make sure front link (C) of mower is unfolded from top of deck and spring rod (D) is inserted in slot at front of deck.

C—Front Link

D—Spring Rod



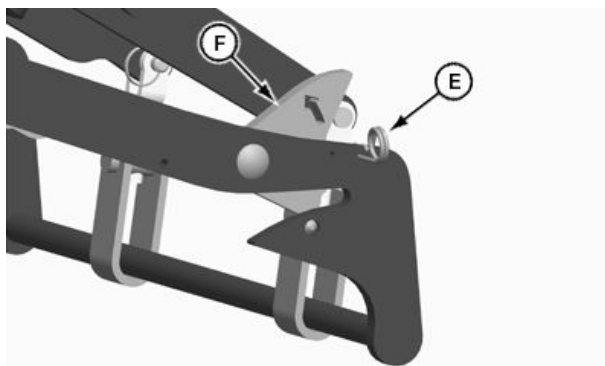
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7. Hair pins (E) should be in the storage position and locks (F) should be in the install/locked position.

E—Hair Pins

F—Locks



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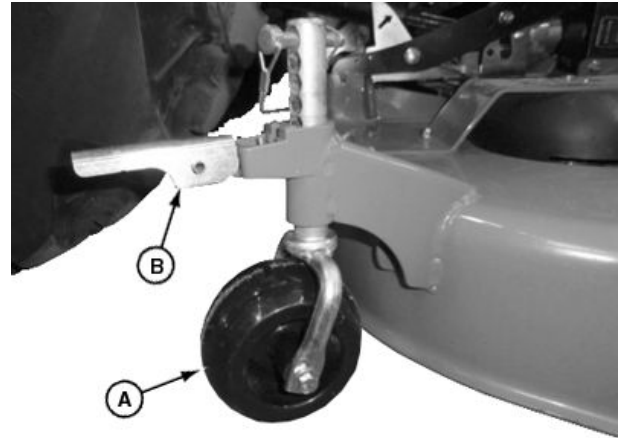
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Attach Mower Deck to Tractor

1. Ensure that deck is sitting on firm, level ground. An extremely smooth surface can allow deck to be pushed along by tractor.
2. Ensure that all four mower deck gage wheels (A) are in unlocked position, with handles (B) parallel to ground. Deck should be resting fully on ground.
3. Place tractor in A range four wheel drive.
4. Drive tractor onto mower deck:

NOTE: Driver should concentrate on the side of the tractor indicated in the instructions and should not look back and forth from one side to the other, while driving over mower deck. Drive forward smoothly.

- 60 D mower: Drive tractor up to mower deck with right front tire aligned approximately 1/2-in. from angled edge (C) of right drive over ramp.
- 72 D mower: Drive tractor up to mower deck with left front tire aligned approximately 1/2-in. from wire form (D) on left drive over ramp.



A—Gage Wheels

B—Handles

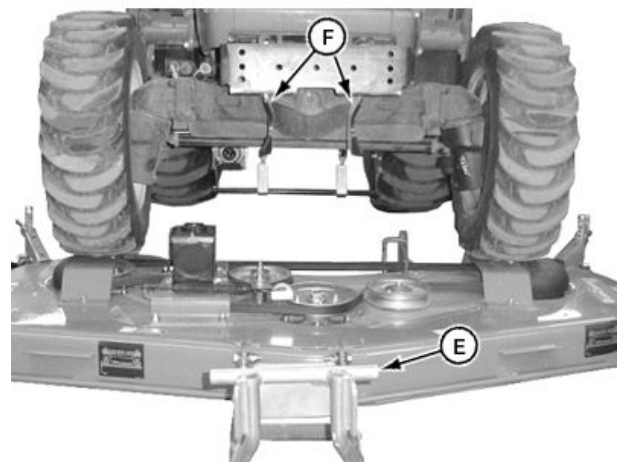
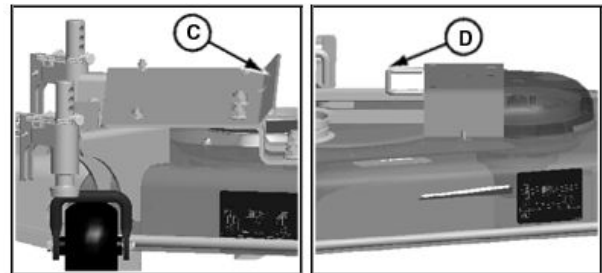
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UP00731,0000061 -19-26AUG13-1/5

5. Drive tractor slowly, smoothly and straight over mower deck making sure forward lift link (E) aligns hangers (F).
6. If mower deck pulls forward early or appears to be caught in lift system, stop tractor, reverse slightly and move forward again. If mower deck still does not properly attach, stop tractor, lock park brake, dismount tractor and determine cause of problem.

C—Angled Edge
D—Wire Form

E—Forward Lift Link
F—Hangers



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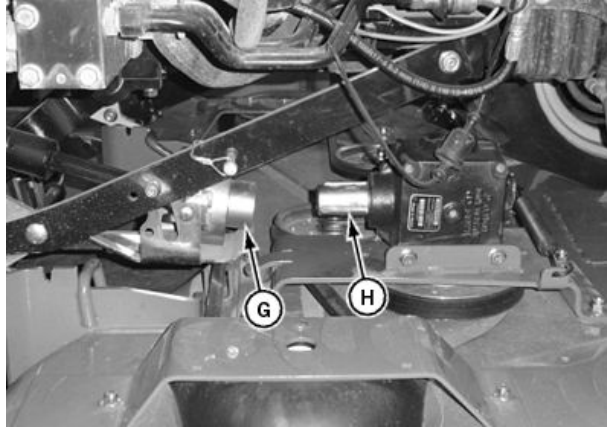
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UP00731,0000061 -19-26AUG13-2/5

7. PTO coupler (G) will align with gear box coupler (H).
8. Continue to slowly drive tractor forward until mower begins to pull along ground approximately 102 mm (4 inches) behind front wheels.

G—PTO Coupler

H—Gear Box Coupler



LV18679 —UN—20AUG13

UP00731,0000061 -19-26AUG13-3/5

9. Dismount tractor and ensure locks (I) on both sides have dropped to locked position shown. Mower may sometimes have to be pulled rearward slightly to engage lock. On first installation, mower may not lock in position if front link is too short.
10. Install hair pins in locked position.

I—locks



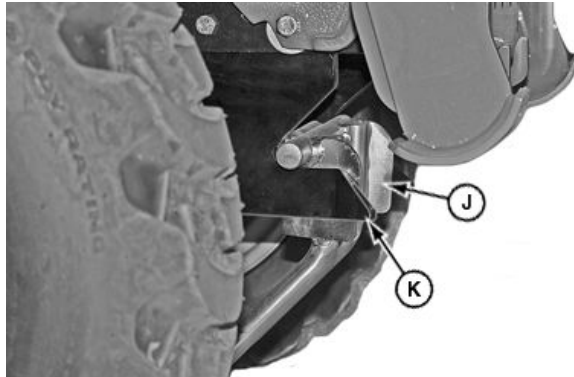
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11. Make sure forward lift link (J) is nested into hangers (K).
12. Start engine and lift mower to full height.
13. Pull height lock fully forward and place pin in nearest hole for transport or set link to desired height.
14. Lock all gage wheels down by snapping handles down and ensuring that lock pins are fully seated in vertical rods.

J—Forward Lift Link

K—Hangers



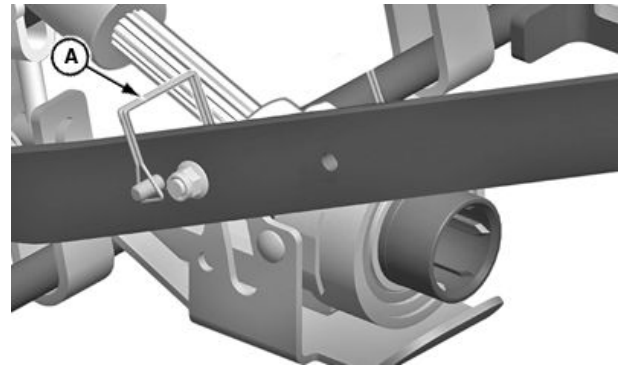
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Removing and Storing

Removing Mower

1. Park machine on a level surface, not on a slope.
2. Lock park brake.
3. Disengage mower blades.
4. Ensure tractor can be pulled forward to deposit mower deck and that sufficient room exists to back fully off deck before turning tractor wheels.
5. Place tractor in A range four wheel drive.
6. Fully raise mower deck and release gage wheel locks.
7. Remove pin from height lock.
8. Remove hair pins and place in rear storage holes.
9. Lower mower deck to ground and release rear locks by pushing them forward in direction of arrow. If lock sticks, pull mower deck rearward slightly on side with stuck lock and push lock forward.
10. Slowly back tractor straight off mower deck.
11. When removing the mower for storage, raise forward lift link, pull wireform gently to side and fold forward lift link back over the deck.
12. Raise lift system fully and lock in highest position by pulling forward on height lock link and placing tethered pin in closest available hole.
13. Lock coupler support up by lifting and installing the snap lock pin (A) in hole as shown.



A—Lock Pin

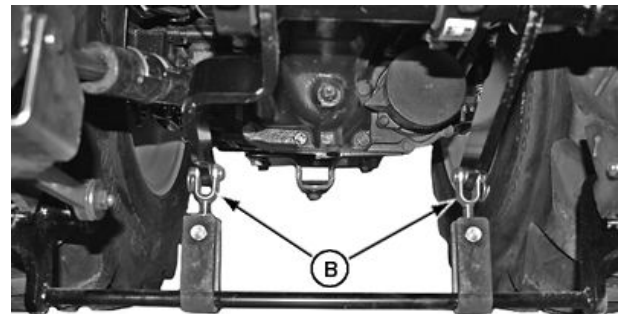
14. If mid PTO will be used for other applications:

- a. Lock lift link in transport position.
- b. Remove quick connect driveshaft from mid PTO by pulling collar.

UP00731,0000062 -19-26AUG13-1/3

- c. Remove yokes (B) from mid rockshaft.

B—Yokes

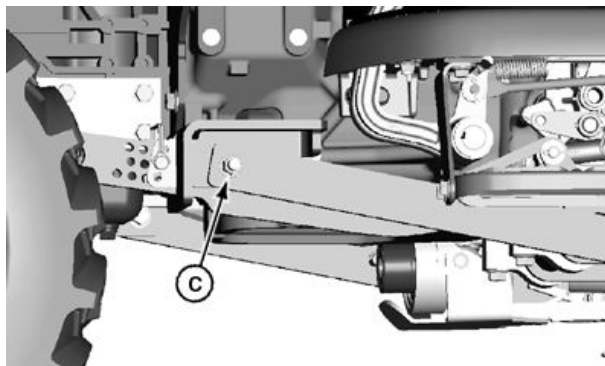


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UP00731,0000062 -19-26AUG13-2/3

- d. Remove bolt (C), bushing, and locknut securing the rear lift link to the bracket on both sides.
- e. Keep all hardware attached to the rear lift link and store for later use.

C—Bolt



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UP00731,0000062 -19-26AUG13-3/3

Storing Mower

CAUTION: Blades are sharp. Do not store mower deck on machine or removed from machine with blades exposed. Store mower deck laying flat on ground.

1. Remove mower from machine. (If machine is to be stored with mower on machine, refer to Storing Machine in your machine's operator's manual.)
2. Clean underside of mower with water pressure and scraper.
3. Inspect blades:
 - Have dull blades sharpened and balanced.
 - Replace damaged blades.
4. Clean top of deck and the area around all of the sheaves.
5. Check condition of belt. If necessary, get a new belt. Do not install new belt until you remove mower from storage.
6. Repair or replace any worn or damaged parts.
7. Apply touch-up paint where needed to prevent rust.
8. Lubricate grease points.
9. Release belt tension.
10. Store mower in a clean, dry place.
11. Put a waterproof cover over mower, if you store the mower outside.

UP00731,0000063 -19-26AUG13-1/1

Operating

Raising and Lowering Mower

1. Review instructions on using dual and third selective control valve lever included in your machine operator's manual.
2. Remove mower from transport lock position. See Transporting Mower on Machine in OPERATING in this manual.
3. Follow machine operator's manual instructions to raise and lower the implement using the third selective control valve lever or the dual SCV curl function.

UP00731,0000064 -19-26AUG13-1/1

Adjusting Mower Level (Side-to-Side)

⚠ CAUTION: Rotating blades are dangerous. Before adjusting or servicing mower:

- Disconnect spark plug wire(s) or battery negative (-) cable to prevent engine from starting accidentally.
- Always wear gloves when handling mower blades or working near blades.

1. Park machine on a level surface, not on a slope.
2. Lock park brake.
3. Disengage mower blades.
4. Raise mower fully and stop engine.
5. Remove key.
6. Wait for engine and all moving parts to stop before leaving operator's seat.
7. Remove height lock pin.

NOTE: Mower wheels should not contact ground during leveling.

8. Lower mower slowly to desired cutting height.
9. Pull height lock link fully forward and lock at first hole available. Lower mower so pin supports height.
10. Measure distance from ground to right blade and left blade.
11. Remove retaining ring from right or left rear link support. Adjust only one link at a time. Adjust link as necessary to level deck. Install retaining ring.

UP00731,0000065 -19-26AUG13-1/1

Adjusting Mower Level (Front-to-Rear)

1. Park machine on a level surface, not on a slope.
2. Lock park brake.
3. Disengage mower blades.
4. Raise mower fully and stop engine.
5. Remove key.
6. Wait for engine and all moving parts to stop before leaving operator's seat.
7. Remove height lock pin.
8. Lower mower to desired cutting height.
9. Pull height lock link fully forward and lock at first hole available. Lower mower so pin supports height.
10. Measure distance from ground to front of blade and rear of right or left blade.

NOTE: Front of mower should never be higher than rear of mower.

11. Front measurement should be 0 - 3.18 mm (0 - 1/8 in.) lower than rear.
12. Remove deck and adjust front yokes as required to obtain desired measurement.
13. If locks are not releasing or locking easily, front link may need to be loosened slightly. A sticking lock might require the opposing front yoke be tightened slightly.

UP00731,0000066 -19-26AUG13-1/1

Adjusting Mower Wheels

CAUTION: Rotating blades are dangerous. Before adjusting or servicing mower:

- Disconnect spark plug wire(s) or battery negative (-) cable to prevent engine from starting accidentally.
- Always wear gloves when handling mower blades or working near blades.

IMPORTANT: Avoid damage! The mower deck can be damaged if mower wheels are adjusted wrong:

- Wheels must not ride on ground supporting mower weight.
- Check wheel adjustment each time cutting height is changed.

1. Park machine on a level surface, not on a slope.
2. Disengage mower blades.
3. Fully raise the mower.
4. Lock park brake.

5. Stop engine.
6. Remove key.
7. Wait for engine and all moving parts to stop before leaving operator's seat.
8. Set cut height with height lock pin and lower mower until the mower weight is supported by the height lock.
9. Set gage wheel height:
 - a. Release wheel lock.
 - b. Adjust wheel to 3/8-in. distance from ground and lock wheels.

IMPORTANT: Avoid damage! Ensure that at least one hole remains above lock bracket. In extreme mowing conditions, retract wheels completely to avoid damage.

- c. Install snap lock pin in hole just above gage wheel bracket.

UP00731,0000067 -19-26AUG13-1/1

Using Height Adjust Link

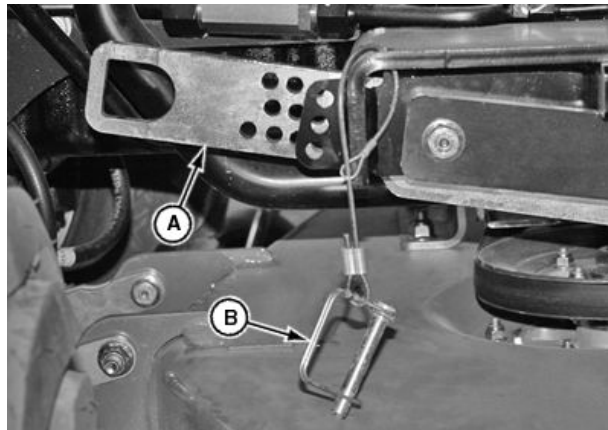
For Transport

NOTE: Do not mow with mower in highest (transport) position. Mow at least 25 mm (1 in.) lower than highest position.

- Raise deck to highest position, pull link forward and install pin in nearest hole available. Lower deck after pin is engaged to transport position.

To Set Cut Height

1. Lower mower slowly to desired cutting height.
2. Pull height adjust link (A) forward fully and place pin (B) in nearest hole. Be aware of hole location for any future adjustments.
3. Lower mower.
4. If cutting height is too low, raise mower, remove pin and install in adjacent hole then lower mower. Holes



A—Height Adjust Link

B—Pin

in height adjust link allow for adjustment in (13 mm) 1/2 increments.

UP00731,0000068 -19-26AUG13-1/1

Engaging Mower

1. Review instructions on using mid-PTO included in your machine operator's manual.
2. Follow machine operator's manual instructions to engage mid-PTO and mower.

UP00731,0000069 -19-26AUG13-1/1

Unplugging Mower

⚠ CAUTION: Avoid injury! Do not attempt to unplug attachment with machine running.

- Rotating blades are dangerous. Shut off the engine and remove the key before getting off the seat to inspect the machine and attachment.
- Thrown objects can cause serious injury. Make sure all machine parts are stopped before raising hopper top or removing chutes.

1. Park machine safely. Wait for all moving parts to stop before getting off to inspect machine.
2. Check under mower deck and discharge chute for debris.

UP00731,000006A -19-26AUG13-1/1

Transporting Mower on Machine

1. Remove height lock pin at left side of mower.

2. Pull height link fully forward and install pin in hole that secures link in highest position.

UP00731,000006B -19-26AUG13-1/1

Service

Service Intervals

Every 10 Hours

- If operating in dry conditions, clean debris from mower.

Every 25 Hours

- Lubricate spindles
- Lubricate driveshaft
- Inspect mower blades

- Inspect mower belt

Every 100 Hours

- Check gearbox oil level
- Wash mower

Every 500 Hours

- Change gearbox oil

UP00731,000006C -19-26AUG13-1/1

Grease

IMPORTANT: Avoid damage! Use recommended John Deere greases to avoid component failure and premature wear. The recommended John Deere greases are effective within an average air temperature range of -29 to 135 degrees C (-20 to 275 degrees F). If operating outside that temperature range, contact your Servicing dealer for a special-use grease.

The following greases are preferred:

- John Deere Multi-Purpose SD Polyurea Grease

- John Deere Multi-Purpose HD Lithium Complex Grease

If not using any of the preferred greases, be sure to use a general all-purpose grease with an NLGI grade No.2 rating.

Wet or high speed conditions may require use of a special-use grease. Contact your Servicing dealer for information.

UP00731,000006E -19-26AUG13-1/1

Gear Oil

Use oil viscosity based on the expected air temperature range during the period between oil changes.

John Deere GL-5 Gear Lubricant is recommended.

Other oils may be used if they meet one or more of the following:

- API Service Classification GL-5.
- Military Specification MIL-L-2105D.
- Military Specification MIL-L-2105C.
- Military Specification MIL-L-2105B.

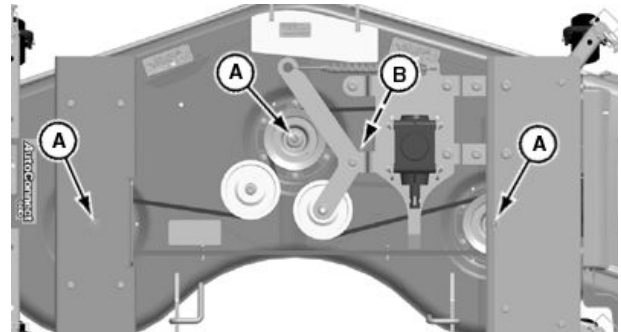
Oils meeting Military Specification MIL-L-10324A may be used as arctic oils.

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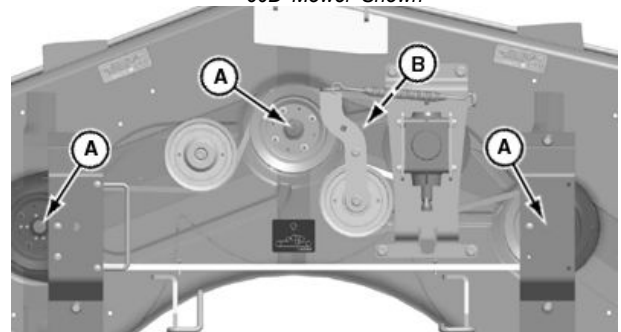
Lubricating Mower

1. Lubricate three grease fittings (A) on sheaves with recommended grease.
2. Lubricate grease fitting (B) on tensioner pulley with recommended grease.

A—Grease Fittings on Sheaves B—Grease Fitting on Tensioner Pulley



60D Mower Shown



72D Mower Shown

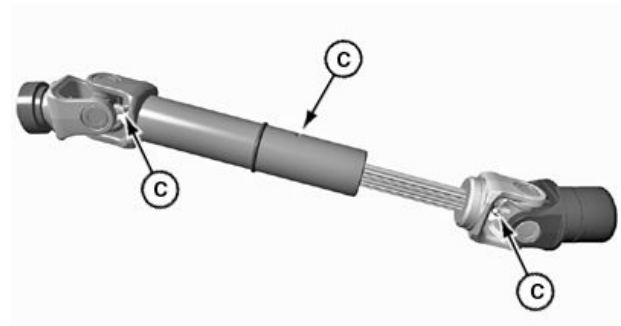
UP00731,0000070 -19-05SEP13-1/2

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3. Lubricate three grease fittings (C) on mid PTO with recommended lubricant.

C—Grease Fittings on mid PTO



UP00731,0000070 -19-05SEP13-2/2

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Servicing Gearbox

Checking Oil Level

1. Remove plug from one side of gearbox.
2. Oil level should be even with bottom edge of plug hole.
3. If oil is low, add recommended oil.
4. Install plug.

Changing Oil

1. Remove gearbox bracket with gearbox. See Removing Belt in SERVICE Section.
2. Remove plug (A) on both sides of gearbox.
3. Lift and turn gearbox bracket on side to drain oil from gearbox.
4. Route belt around gearbox sheave as you install gearbox bracket on five bolts. See Installing Belt in SERVICE.
5. Following remaining instructions in Installing Belt in SERVICE to install gearbox and rod.



A—Plug

6. Add recommended oil to bottom edge of plug hole in gearbox.
7. Install plugs.

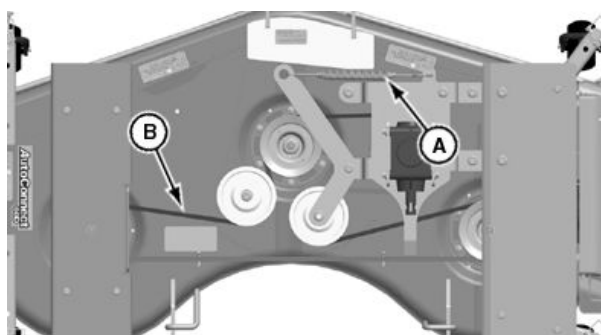
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Servicing Mower Belt

Removing Belt

1. Remove mower from machine.
2. Clean area around and under ramps.
3. 60D Mower:
 - a. Remove spring (A) to relieve belt tension.
 - b. Remove belt (B) from mower.
4. 72D Mower:



A—Spring

B—Belt

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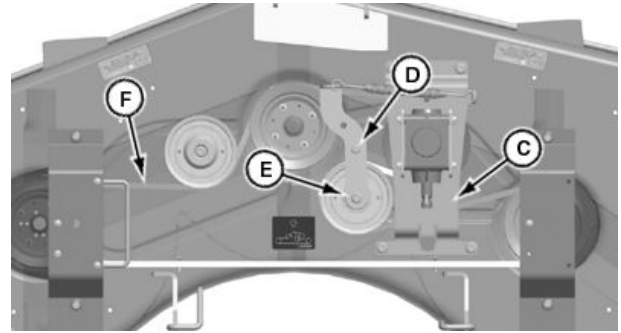
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- a. Remove the gearbox support (C) by removing four nuts.
- b. Remove the nut, washer and tensioner (D).
- c. Remove the bolt and hardware retaining the tensioner pulley (E).
- d. Remove belt (F) from mower.

Installing Belt

1. Install belt around sheaves and route as shown.
2. 60D Mower: Install spring.
3. 72D Mower: Install tensioner pulley, tensioner and gearbox support.



C—Gearbox Support
D—Tensioner

E—Tensioner Pulley
F—Belt

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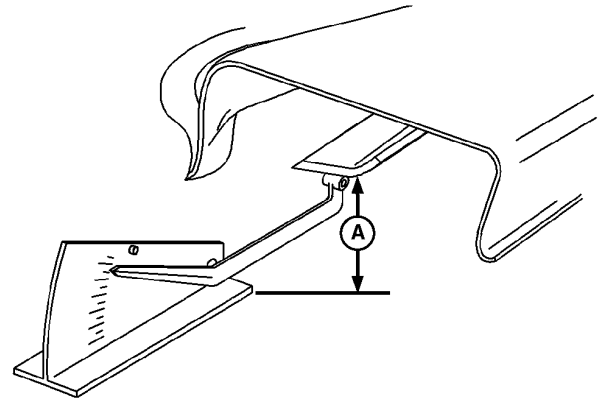
Servicing Mower Blades

CAUTION: Avoid injury! Blades are sharp. Always wear gloves when handling blades or working near blades.

Replace blades if defective. Never straighten or weld them.

Checking for Bent Mower Blades

1. Park machine on a level surface, not on a slope.
2. Disengage mower blades.
3. Fully raise the mower.
4. Lock the park brake.
5. Stop the engine.
6. Remove the key.
7. Wait for engine and all moving parts to stop before you leave the operator's seat.
8. Block the mower.
9. Measure the distance (A) from blade tip to level surface with a ruler or a leveling gauge available at your John Deere dealer.
10. Rotate blade 180° and measure the distance between other end of blade and surface.
11. Check all blades. Install new blade if difference between measurements is more than 3 mm (1/8 in.).



A—Distance - Blade to Level Surface

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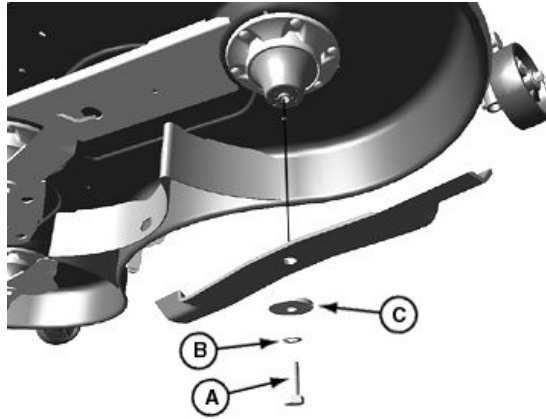
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Removing Mower Blades

1. Park machine safely. (See Parking Safely in SAFETY.)
2. Remove mower from machine.
3. Use a suitable lifting device to raise mower to gain access to blades.
4. Insert wood block between blade and mower to prevent blade from turning when removing bolt.
5. Remove bolt (A), washer (B), washer (C) and blade.

A—Bolt
B—Washer

C—Washer



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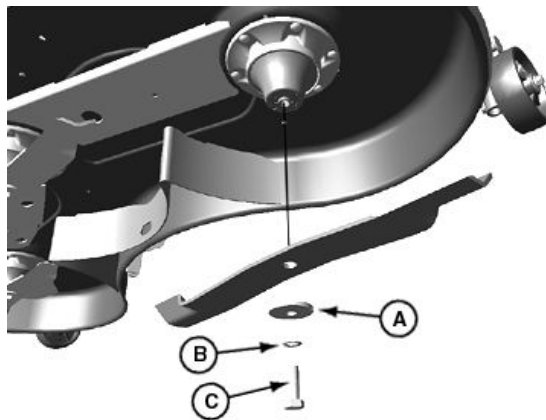
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Installing Mower Blades

1. Install blade with cutting edge toward the ground.
2. Install blade, washer (A), washer (B) and bolt (C).
3. Insert wood block between blade and mower to prevent blade from turning when tightening bolt. Tighten to 122 N•m (90 lb-ft).

A—Washer
B—Washer

C—Bolt



LV18694 —UN—20AUG13

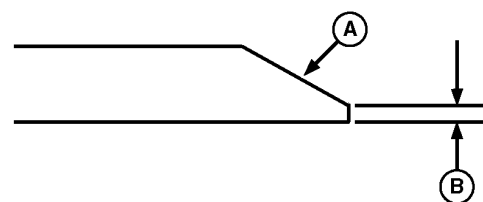
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Sharpening Blades

CAUTION: Avoid injury! Rotating blades are dangerous. Before adjusting or servicing mower:

- Disconnect spark plug wire(s) or battery negative (-) cable to prevent engine from starting accidentally.
- Always wear gloves when handling mower blades or working near blades.

1. Sharpen blade with grinder, hand file or electric blade sharpener.
 - Keep original bevel (A) when grinding..
 - Blade should have 0.40 mm (1/64 in.) cutting edge (B) or less.
2. Balance blade before installing.



A—Bevel

B—Cutting Edge

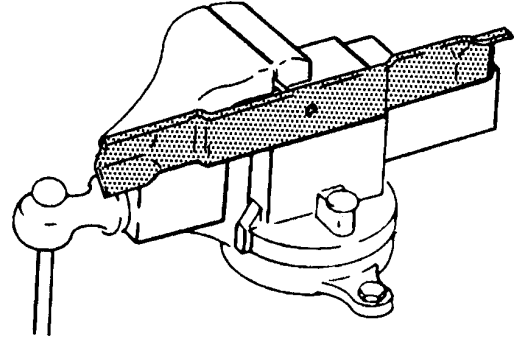
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UP00731,0000090 -19-05SEP13-4/5

Balancing Blades

1. Clean the blade.
2. Put blade on a nail in a vice or in a vertical wall stud. Turn blade to horizontal position. If blade is not balanced, heavy end of blade will drop.
3. Grind bevel of heavy end. Do not change blade bevel.

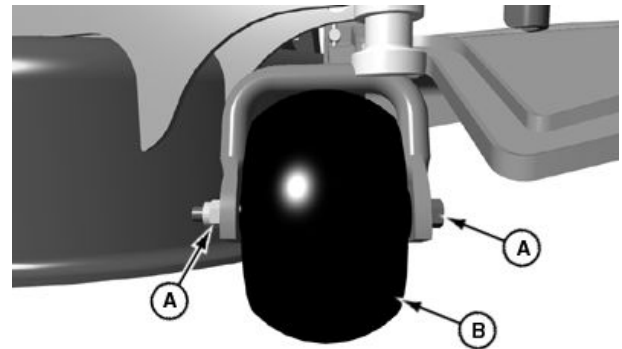


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Replacing Wheels

1. Park machine on a level surface, not on a slope.
2. Disengage mower blades.
3. Fully raise mower.
4. Lock park brake.
5. Stop engine.
6. Remove key.
7. Wait for engine and all moving parts to stop before leaving operator's seat.
8. Remove wheel hardware (A).



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A—Wheel Hardware

B—Wheel

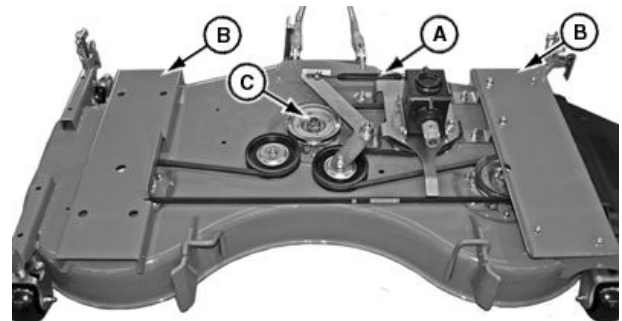
IMPORTANT: Avoid damage! Do not overtighten wheel hardware. Overtightening hardware will cause damage to bushing.

9. Install new wheel (B) with hardware.

UP00731,0000077 -19-05SEP13-1/1

Replacing Sheaves

1. Remove spring (A) to relieve belt tension.
2. If necessary, remove drive over ramp (B).
3. 60D mower: Remove center bolt (C) on sheave to be replaced.
4. 72D mower: Remove four bolts on sheave to be replaced.
5. Replace sheave(s) and install hardware.



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A—Spring
B—Ramp

C—Center Bolt

60D mower shown, 72D mower sheaves have four nuts instead of one.

UP00731,0000078 -19-05SEP13-1/1

Specifications

60 Inch 7-Iron Mower Deck

Mower Type..... Mulch or Side Discharge
Cutting Blades..... 3
Overall Width 1.9 m (75.3 in.)
Overall Length..... 1.04 m (41 in.)
Cutting Height^a 3.8 - 12.7 cm (1-1/2 - 5 in.)
Cutting Width 1.5 m (60.9 in.)
Mower Weight 147 kg (324 lb.)
Blade Bolt Torque..... 122 N·m (90 lb.-ft.)
Gearbox Oil Capacity 136 mL (4.6 oz.)
Sound Power Level according to EN836 103 dB(A) at 3108 r/min

^aMay vary depending on tire size.

UP00731,0000093 -19-28AUG13-1/1

72 Inch 7-Iron Mower Deck

Mower Type..... Mulch or Side Discharge
Cutting Blades..... 3
Overall Width 2.19 m (86 in.)
Overall Length..... 1.14 m (45 in.)
Cutting Height^a 3.8 - 12.7 cm (1-1/2 - 5 in.)
Cutting Width 1.8 m (72.8 in.)
Mower Weight 156 kg (345 lb.)
Blade Bolt Torque..... 122 N·m (90 lb.-ft.)
Gearbox Oil Capacity 136 mL (4.6 oz.)
Sound Power Level according to EN836 103 dB(A) at 2300 r/min

^aMay vary depending on tire size.

UP00731,0000094 -19-28AUG13-1/1

Getting Quality Service

Service Literature

If you would like a copy of the Parts Catalog or Technical Manual for this machine call:

- **U.S. & Canada:** 1-800-522-7448.
- **All Other Regions:** Your John Deere dealer.

AP43109,00002CF -19-15APR13-1/1

Parts

We recommend John Deere quality parts and lubricants, available at your John Deere dealer.

When you order parts, your John Deere dealer needs the serial number or product identification number (PIN) for your machine or attachment. These are the numbers that you recorded in the Product Identification section of this manual.

AP43109,00002D0 -19-15APR13-1/1

Order Service Parts Online

Visit <http://JDParts.deere.com> for your Internet connection to parts ordering and information.

AP43109,00002D1 -19-15APR13-1/1

John Deere Quality Continues with Quality Service

John Deere provides a process to handle your questions or problems, should they arise, to ensure that product quality continues with your John Deere dealer's parts and service support.

Follow the steps below to get answers to any questions you may have about your product.

1. Refer to the appropriate attachment, machine or equipment operator manuals.
 2. Contact your John Deere dealer with unanswered questions.
 3. In North America or Canada, call the John Deere Customer Contact.
- Call 1-800-537-8233 and provide product serial number and model

AP43109,00002D2 -19-15APR13-1/1

Declaration of Conformity

EC Declaration of Conformity

Deere & Company
Moline, Illinois U.S.A.

The person named below declares
that

Machine Type: Mower Deck

Model: 60D and 72D

Serial Number: See Product Identification Page

fulfills all relevant provisions and essential requirements of the following directives:

DIRECTIVE	NUMBER	CERTIFICATION METHOD
Machinery Directive	2006/42/EC	Self-certification

Name and address of the person in the community authorized to compile the technical construction file:

Brigitte Birk
John Deere GmbH & Co. KG
Mannheim Regional Center
John Deere Str. 70
D-68163 Mannheim, Germany

Place of declaration: Augusta, Georgia U.S.A.

Date of declaration: 9 December 2009

Manufacturing Unit: John Deere Horicon Works

Name: John Sundberg

Title: Manager, Compact Utility Tractor
Engineering

LVAL38996 —UN—06NOV12



UP00731,00000A1 -19-04OCT13-1/1

Index

	Page		Page
B		M	
Brackets		Machine	
Installation.....	15-8	Preparing	25-1
C		Mower	
Compatibility		Engaging.....	35-2
Product.....	00-1	Lubricating	40-2
D		Raising and Lowering	35-1
Discharge Chute		Removing.....	30-1
Installation.....	15-5	Storing.....	30-2
E		Unplugging.....	35-3
EC Declaration of Conformity	70-1	Mower Belt	
F		Servicing	40-3
Forward Lift Link		Mower Blades	
Installation.....	15-5	Servicing	40-4
G		Mower Deck to Tractor	
Gear Oil	40-1	Attach	25-2
Gearbox		Mower Level	
Servicing	40-3	Adjusting - Front to Rear.....	35-1
Gearbox and Tensioner Pulley		Adjusting - Side to Side.....	35-1
Installation.....	15-3	Mower on Machine	
Grease.....	40-1	Transporting	35-3
H		Mower Wheels	
Hangers		Adjusting	35-2
Installation.....	15-7	N	
Height Adjust Link		Numbers	
Installation.....	15-9	Identification.....	00-1
Using.....	35-2	R	
I		Rear Lift Link	
Installation		Assemble	15-6
Complete.....	15-10	Rockshaft	
Intervals		Installation.....	15-9
Service	40-1	S	
L		Sheaves	
Labels		Replacing	40-6
Safety.....	05-2	Specification	
Lift Kit, Parts	15-1	60 Inch Deck.....	60-1
		72 Inch Deck.....	60-1
		T	
		Tractor and PTO Coupler	
		Prepare	25-1
		W	
		Wheels	
		Installation.....	15-4
		Replacing	40-6

