

Front Mower 60 Inch Front Blade Serial Number 60001-



JOHN DEERE

OPERATOR'S MANUAL

Front Mower 60 Inch Front Blade

OMUC35192E ISSUE I2 (ENGLISH)

John Deere Turf Care
Export Edition
PRINTED IN U.S.A.



Introduction

Thank You for Purchasing a John Deere Product

We appreciate having you as a customer and wish you many years of safe and satisfied use of your machine.

MX00654,000020B-19-10MAY17

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.

TH84124,00000D9-19-23MAY13

Machine Use

This machine is designed solely for use in customary snow or debris moving or similar operation. Use in any other way is considered as contrary to the intended use.

The manufacturer accepts no liability for damage or injury resulting from this misuse, and these risks must be borne solely by the user. Compliance with, and strict adherence to, the conditions of operation, service, and repair as specified by the manufacturer also constitute essential elements for the intended use.

This machine should be operated, serviced, and repaired only by persons familiar with all its particular characteristics and acquainted with the relevant safety rules (accident prevention). The accident prevention regulations, all other generally recognized regulations on safety and occupational medicine, and the road traffic regulations must be observed at all times.

Setting fuel delivery beyond published factory specifications or otherwise overpowering will result in loss of warranty protection for this machine.

Any arbitrary modifications carried out on this machine will relieve the manufacturer of all liability for any resulting damage or injury.

OUMX068,0000DA6-19-05JUN17

Special Messages

Your manual contains special messages to bring attention to potential safety concerns and machine damage, as well as helpful operating and servicing information. Please read all the information carefully to avoid injury and machine damage.



CAUTION: Avoid injury! This symbol and text highlight potential hazards or death to the operator or bystanders that may occur if the hazards or procedures are ignored.

IMPORTANT: Avoid damage! This text is used to tell the operator of actions or conditions that might result in damage to the machine.

NOTE: General information is given throughout the manual that may help the operator in the operation or service of the machine.

MX00654,000020D-19-05JUN17

Service Literature

If you would like to purchase a copy of the Parts Catalog or Technical Manual for this machine, visit The John Deere Technical Information Store at:

<https://techpubs.deere.com/>

or call:

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

TH84124,0000199-19-29JUN22

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.

Order Service Parts Online

Visit <https://partscatalog.deere.com/jdrc/> for your Internet connection to parts ordering and information.

TC00531,00000E9-19-17MAY22

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Product Identification

Product Compatibility

The 60-Inch Front Blade is compatible with 1400 and 1500 series front mowers.

MG39705.00005B0-19-02JUN21

Record Identification Numbers

60 inch Front Blade Serial No. (080001-)

While contacting a John Deere Dealer for information on servicing, always provide the product model and serial number.

Locate the model and serial number for the mower deck and record the information in the following spaces.

DATE OF PURCHASE:

DEALER NAME:

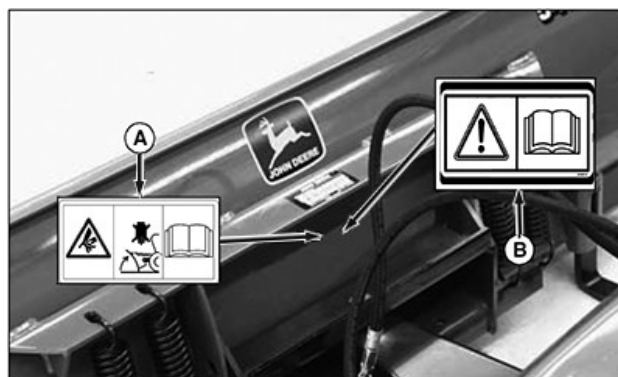
DEALER PHONE:

PRODUCT SERIAL NUMBER (A):

MG39705.00005B1-19-16JUN21

Safety Labels No-Text

Safety Label Location



TC508853—UN—14JUN21

A—Avoid Crushing From Spring-Loaded Blade M122278

B—Avoid Injury From Sudden Stops MT4074

MG39705.00005B2-19-03JUN21

Understanding the Machine Safety Labels without Text



TCT005498—UN—11SEP12

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

There can be additional safety information contained on parts and

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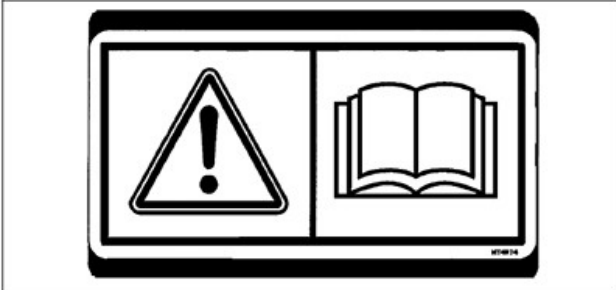
Safety

components sourced from suppliers that is not reproduced in this operator's manual.

MX00654,0000389-19-26OCT21

Avoid Injury From Sudden Stops

HELP AVOID INJURY FROM SUDDEN STOPS



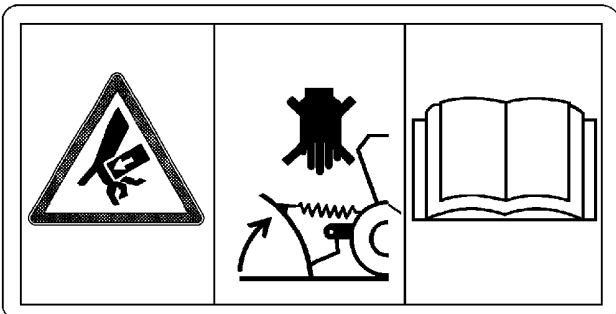
TC508855—UN—14JUN21

- Keep spring trip unlocked except for slow speed heavy digging and grading
- On machines with hydraulic down pressure operate with blade in float position except for slow speed digging
- Use rubber scraper blade for high speed operation

MG39705,00005B3-19-03JUN21

Avoid Crushing From Spring-Loaded Blade

Avoid Crushing From Spring-Loaded Blade



MXTO15295—UN—25AUG15

- Do not put hands between blade and mounting bracket
- Use a tool to remove jammed objects

OUMX068,0000DA3-19-25AUG15

Safety

Read Safety in Machine Operator's Manual

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

OUMX068,0000230-19-18SEP13

Operating Safely

- This attachment is intended for moving material, digging, and grading. Do not misuse this attachment. Use common sense when using this attachment.
- Read, understand, and follow all instructions in the manual and on the vehicle and attachment before operating.
- Only allow responsible adults who are familiar with the instructions to operate the machine.
- Inspect machine and attachment before you operate. Be sure

hardware is tight. Repair or replace damaged, badly worn, or missing parts. Be sure guards and shields are in good condition and fastened in place. Make any necessary adjustments before you operate.

- Check brake action before you operate. Adjust or service brakes as necessary.
- Stop machine if anyone enters the area.
- If you hit an object, stop and inspect the machine. Make repairs before you operate. Keep machine and attachments properly maintained and in good working order.
- Before operating, make sure all connections are tight and blade responds properly to controls. Check all connections periodically for tightness.
- Do not leave machine unattended when it is running.
- Only operate during daylight or with good artificial light.
- Be careful of traffic when operating near or crossing roadways.
- Do not wear radio or music headphones while operating the machine. Safe operation requires your full attention.
- Transport the blade with it raised to the highest position, it should be centered and not at an angle.
- Be aware of the position of the blade ends. Blade makes a wide arc when turning.
- Be aware of the possibility of objects hidden under the snow. Avoid holes, rocks, roots, and other obstructions.
- Avoid the edges of ditches and banks to reduce the possibility of loss of control.
- When plowing material into a pile, travel in reverse before raising blade.
- Do not ram into a pile of material; slow down before contact is made.
- Lower attachment completely before leaving operators seat.
- Lower any attachment completely to the ground, or to an existing attachment mechanical stop, before servicing the attachment. Disengage all power and stop the engine. Lock park brake and remove the key.
- Keep all parts in good condition and properly installed. Fix damage immediately. Replace worn or broken parts. Replace all worn or damaged safety and instruction decals.

OUMX068,0000D91-19-18AUG15

Parking Safely

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

AP43109,00000BF-19-02APR13

Checking Area to be Cleared

- Thoroughly inspect the area where the equipment is to be used and remove all doormats, sleds, boards, wires and other foreign objects.
- Keep people and pets out of the work area. Keep children indoors when using blade. Turn the machine off if anyone enters the area.
- Be extremely careful if you must clear snow from a gravel surface. Adjust the blade height to clear a gravel surface.

AP43109,00000C0-19-02APR13

Safety

Avoid Injury From Hitting Obstructions

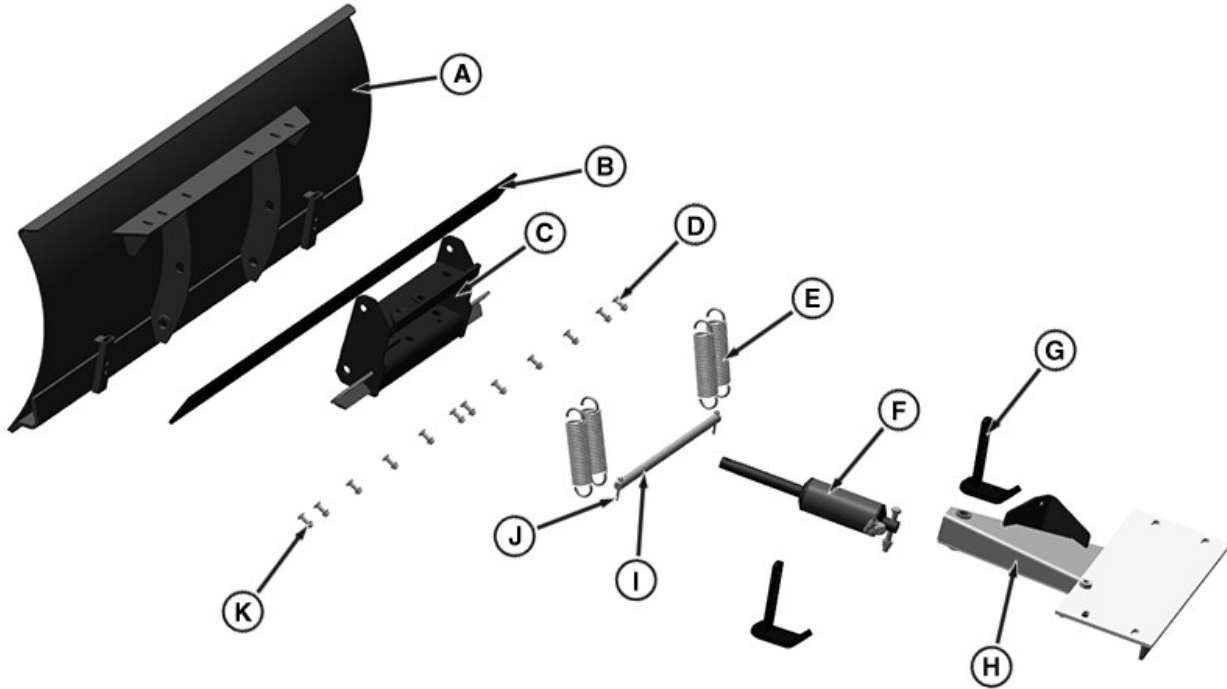
- Raise and center, not angle, attachment when you drive between jobs.
- Slow down when you remove snow. Be cautious on slopes, when you make turns or when close to buildings or trees.

AP43109,00000C1-19-02APR13

Assembly

Assembly

Identify Parts



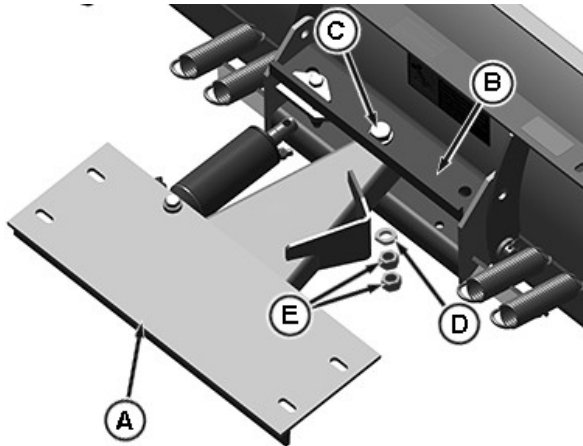
APY544903—UN—12AUG22

Quantity	Description
1	Blade Assembly (A)
1	Scraper (B)
1	Blade Frame (C)
12	Carriage Bolt, M8x30 (D)
4	Balance Spring (E)
1	Hydraulic Cylinder (F)
2	Skid Shoe (G)
1	Pivot Frame Bracket (H)
1	Pivot (I)
2	Pin (J)
12	Nut, M8 (K)
2	Spring Locking Pin
1	Bolt, 0.75x6
2	Nut, 0.75
1	Bolt, M12x100
1	Bolt, M12x90
4	Nut, M12
1	Hydraulic Hose
1	Bolt, M12x40
1	Warning Label

vs70618,1660292265602-19-12AUG22

Assembly

Install Pivot Frame Bracket



TC508858—UN—05AUG21

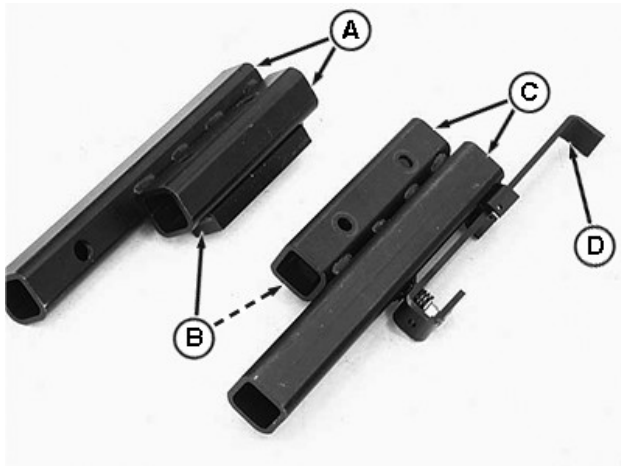
1. Place pivot frame bracket (A) on wood blocks with flat surface up.
2. Align hole in blade frame (B) with hole in pivot frame bracket (A).
3. Install 3/4 x 6 in cap screw (C) from the top through the blade frame and the pivot frame bracket. Install spacer (D), 3/4-in hex nut (E) from the underside of the pivot bracket.
4. Tighten hex nut (E) with 1-1/8 in socket just enough to allow the bracket to pivot freely.
5. Install the second 3/4 in nut (E) against the first installed hex nut (D). Tighten hex nuts (E) together.

Specification

Hex Nuts (E)—Torque. 203 N·m(150 lb·ft)

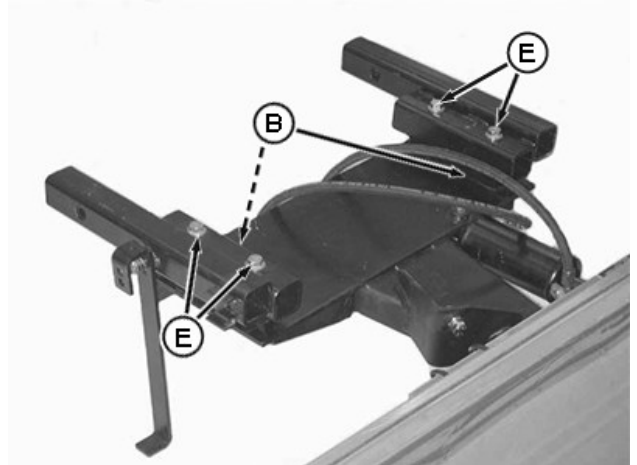
MG39705,00005B6-19-05AUG21

Install Blade Lift Arms



TC508859—UN—14JUN21

1. Identify right and left blade lift arms:
 - Left lift arm (A) with welded block (B) on bottom.
 - Right lift arm (C) with welded block on bottom and support stand (D) to the outside of the lift arm.



TC508860—UN—14JUN21

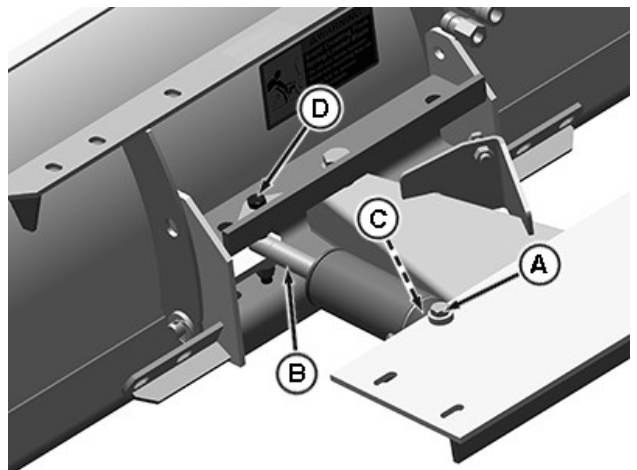
2. Place lift arms on the correct side of pivot bracket with the welded block (B) to bottom. Install two M12 x 100 hex head screws (E) from the top through each lift arm and the pivot bracket.

NOTE: Hardware securing blade lift arms are not tightened until the blade is installed on machine.

3. Fasten from the bottom with two M12 locknuts. Install with 18 mm socket, but do not tighten.
4. Repeat on other side.

MG39705,00005B7-19-14JUN21

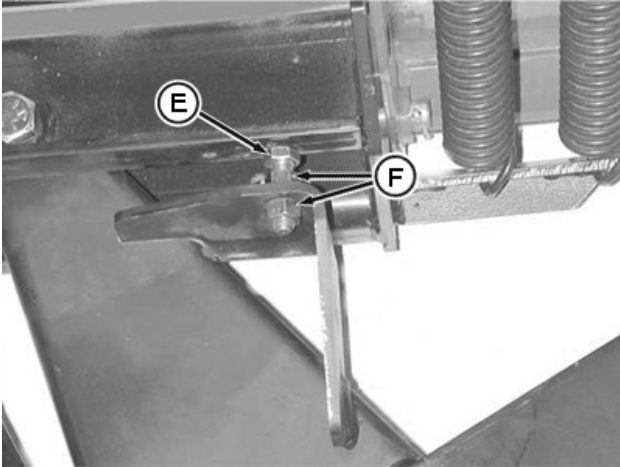
Install Cylinder



TC508861—UN—14JUN21

1. Fasten the head-end of cylinder (C) to left side of pivot frame bracket with 1/2 x 4 in hex head cap screw (A) and 1/2 in locknut.
2. Pivot the frame bracket to the left as necessary to align the hole in the rod-end of cylinder (B) with the frame bracket hole. Install 1/2 x 4-1/2 in hex head cap screw (D) and 1/2 in locknut.
3. Tighten all hardware.(For blade installation on machine, see Installing section.)

Preparing Vehicle



TC508862—UN—14JUN21

4. Install M12 x 40 blade stop bolt (E) into blade stop bracket on the blade frame with two M12 nuts (F). Do not tighten.
5. Rotate the blade to the right until hydraulic cylinder is fully extended.
6. Rotate the blade to left until hydraulic cylinder rod retracts slightly into cylinder.
7. Turn the blade stop bolt (E) until the head firmly contacts the blade frame.
8. Tighten nuts (F) to secure the blade stop bolt to the bracket.

MG39705,00005B8-19-14JUN21

Required Equipment

- Front hitch kit
- Hydraulic outlet kit (Required for some models. See your John Deere dealer for additional information.)

OUMX068,0000F40-19-23DEC15

Recommended Attachments

See your John Deere dealer for the following attachments.

- Rear Tire Chains: Improves traction in snow and ice (See machine Operators Manual).
- Weights: Improves traction in all conditions (See machine Operators Manual).
- Bar Tires: For dirt applications.
- Rubber Squeegee Kit: Prevents scratching and improves cleaning.

MG39705,0000632-19-18AUG21

Check Tire Pressure

IMPORTANT: Avoid damage! To prevent tire damage, do not use more than maximum tire pressure shown on sidewall of tire.

NOTE: See your Machine Operator's Manual for correct tire pressure.

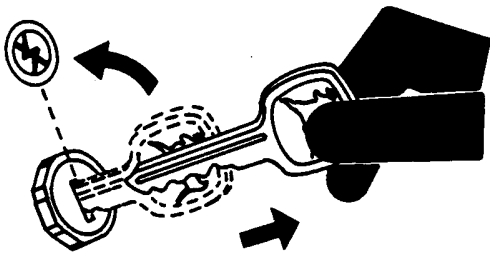
Check tire pressure with an accurate gauge.

Add or remove air, if necessary.

TH84124,0000145-19-22MAY13

Preparing Vehicle

Park Machine Safely



TS230—UN—24MAY89

Before working on the machine:

- Lower all equipment to the ground.
- Stop the engine and remove the key.
- Disconnect the battery ground strap.
- Hang a "DO NOT OPERATE" tag in operator station.

DX,PARK-19-04JUN90

Remove Mower

1. Remove mower deck. (See Removing Mower in the REMOVING AND STORING section of the mower deck operator's manual.)
2. Remove drive belt from machine and store with mower deck.

OUMX068,0000F65-19-07JAN16

Installing

Installing Ballast

CAUTION: Avoid injury! When the attachment is removed, also remove any ballast that was added to the machine.

Use only attachments and accessories recommended by the manufacturer.

Ballast is recommended to improve traction and maneuverability:

To Improve Traction

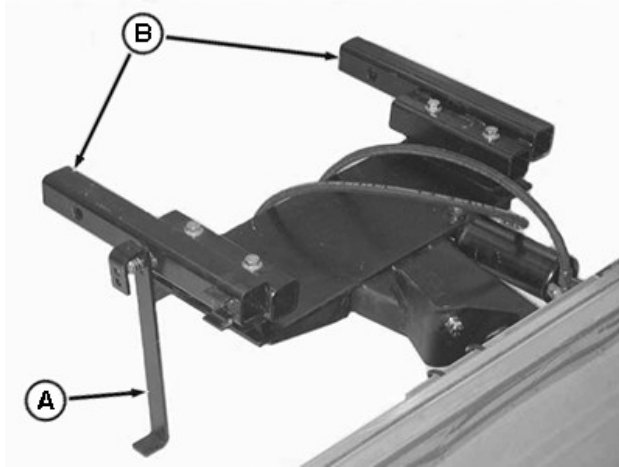
- Install rear suitcase weights with rear weight bracket.
- Install ballast box with weight, frame mounted or mounted to 3-point hitch kit.
- Install wheel weights on rear drive wheels.
- Install chains on rear drive tires.
- Install wheel weights on drive wheels.

OUMX068,0000F41-19-23DEC15

Installing Blade

1. Park machine safely. (See Parking Safely in the Safety section.)
2. Push the hydraulic lift lever all the way forward to the float position. This allows the lift arms to be moved up or down by hand.

Installing

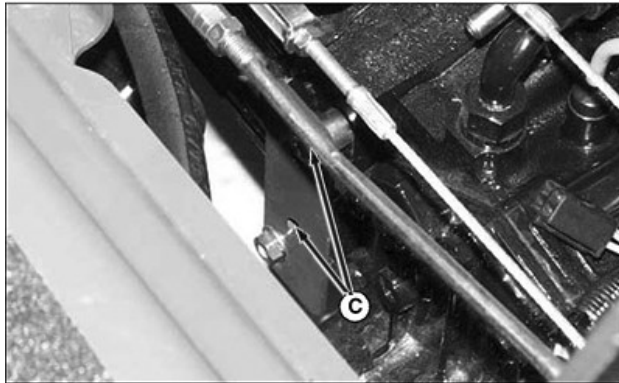


MG512231—UN—14JUN21

3. Lower support stand (A).
4. Position blade assembly in front of machine, so the blade lift arms (B) are aligned with machine lift arms. If necessary, manually move blade lift arms for proper alignment.

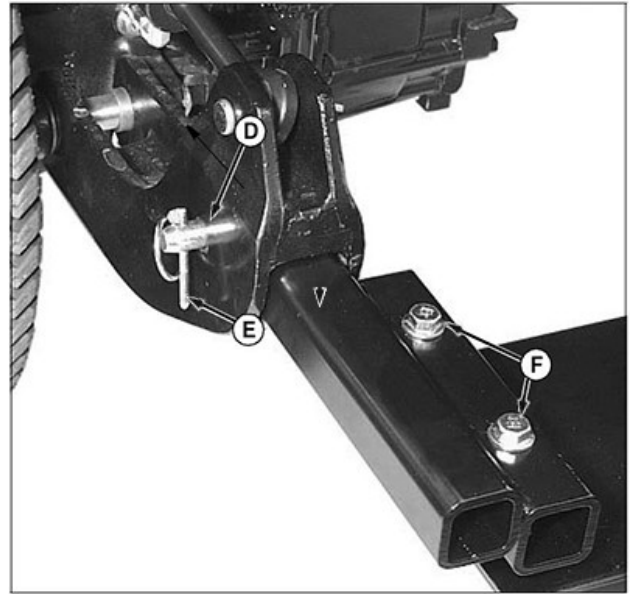
CAUTION: Avoid injury! Do not allow other individuals or other machines in work area while the transmission is in neutral.

5. Unlock park brake.
6. Turn two screws 3/4 of the way around to unlatch the service cover. Raise the service cover.



MG512232—UN—14JUN21

7. Push in two buttons (C) to disengage transmission. Buttons come back up when you start engine.
8. Push the machine forward to connect blade assembly to machine lift arms.
9. Lower the service cover.
10. Lock park brake.



MG512233—UN—15JUN21

11. Fasten each lift arm bracket to blade lift arm with one drilled pin (D) and quick-lock pin (E).
12. For initial installation, tighten the lift arm hardware (F).

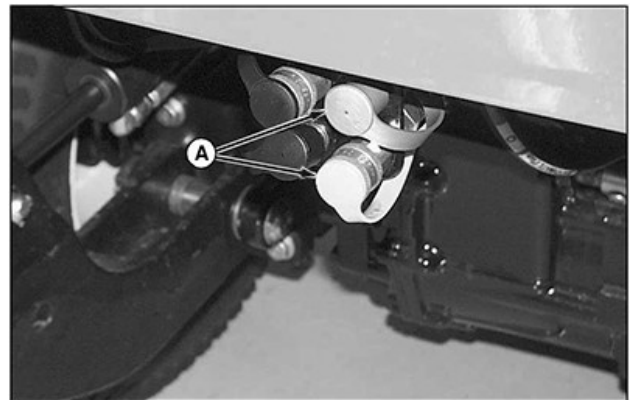
MG39705,00005BE-19-14JUN21

Connecting Hydraulic Hoses

CAUTION:

- Avoid injury! Escaping fluid under pressure can penetrate skin and cause serious injury, including gangrene.
- Relieve pressure before disconnecting hydraulic or other pressurized lines.
- Use a piece of cardboard to search for leaks. Do not expose hands or body to high pressure fluids.
- Tighten all connections before applying pressure.

1. Move both hydraulic control levers back and forth several times to relieve pressure in the hydraulic system.

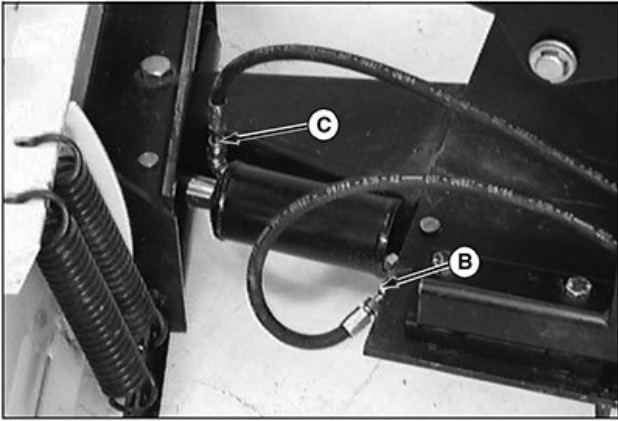


MG512234—UN—15JUN21

2. Pull dust plugs and covers (A) from hydraulic outlets and hoses.

NOTE: Hose fittings should be set to proper angle at factory. When fastening, make sure fittings do not contact the blade or pivot assembly. Adjust if necessary.

Removing and Storing



MG512235—UN—15JUN21

3. Push in on coupler sleeve. Fasten hoses to proper coupler.

- Head end of cylinder hose (B) to top hydraulic outlet (gray).
- Rod end of cylinder hose (C) to bottom hydraulic outlet (yellow).

4. Pull hoses to be sure couplers are locked.

5. Push coupler dust plugs into hose dust covers.

6. Start engine. Operate hydraulic control levers several times to fill cylinder and hoses with fluid.

7. Stop engine. Check transmission/hydraulic oil level.

8. Make adjustments to skid shoes as necessary.

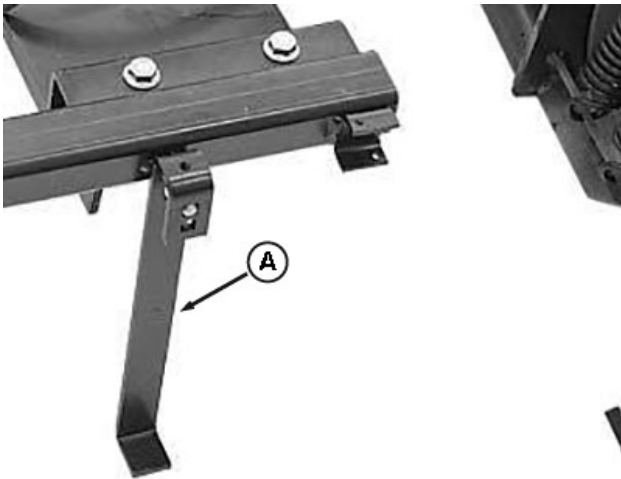
9. Lift support stand to its storage location.

MG39705,00005BF-19-14JUN21

Removing and Storing

Removing the Blade

1. Park machine safely. (See Parking Safely in the Safety section.)



MG512236—UN—15JUN21

2. Lower storage stand (A).

3. Lower blade to storage stand.

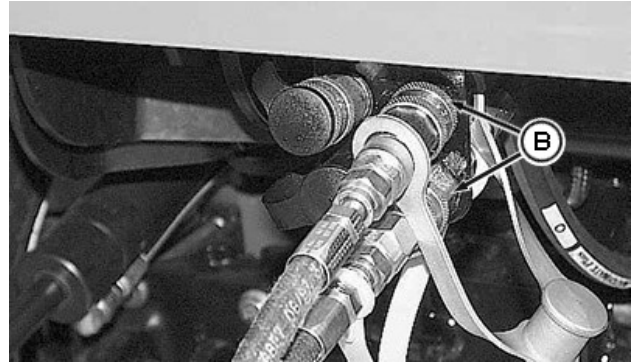
4. Lock park brake.

5. Stop engine and remove key.

CAUTION: Avoid injury! Escaping fluid under pressure can penetrate skin and cause serious injury, including gangrene.

- Relieve pressure before disconnecting hydraulic or other pressurized lines.
- Use a piece of cardboard to search for leaks. Do not expose hands or body to high pressure fluids.
- Tighten all connections before applying pressure.

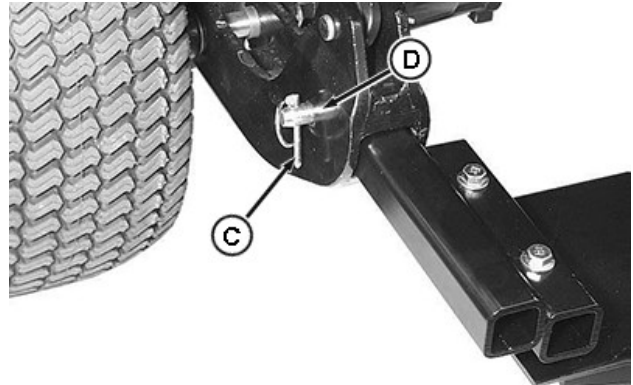
6. Move both hydraulic control levers back and forth several times to relieve pressure in hydraulic line.



MG512237—UN—15JUN21

7. Push in on coupler sleeves (B) to disconnect hoses from couplers. Push dust plugs into couplers.

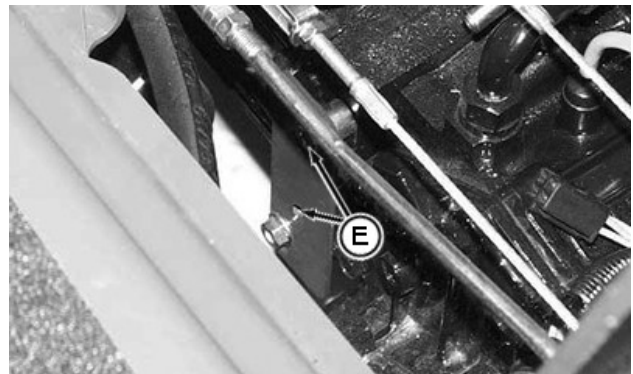
8. Install dust covers over hydraulic hose fittings to keep dirt from entering hydraulic system.



MG512238—UN—15JUN21

9. Remove quick lock pin (C) and drilled pin (D) from each lift arm.

10. Raise service cover.



MG512239—UN—15JUN21

11. Push in two buttons (E) to disengage transmission. Buttons will come

back up when you start engine.

CAUTION: Avoid injury! Do not allow other individuals or other machines in work area while the transmission is in neutral.

Operating

12. Unlock park brake.
13. Push machine away from the blade assembly to disconnect the lift
14. Lower service cover.
15. Lock park brake.

CAUTION: Avoid injury! When the attachment is removed, also remove any ballast that was added to the machine. Use only attachments and accessories recommended by the manufacturer.

16. Remove any ballast that was installed.

MG39705,00005C0-19-14JUN21

Storing Safety

CAUTION: Avoid injury! Fuel vapors are explosive and flammable. Engine exhaust fumes contain carbon monoxide and can cause serious illness or death:

- Run the engine only long enough to move the machine to or from storage.
- Do not store vehicle with fuel in the tank inside a building where fumes can reach an open flame or spark.
- Allow the engine to cool before storing the machine in any enclosure.

OUMX068,0000C32-19-18JUN15

Storing Attachment

NOTE: Some of the following steps may not apply to your attachment.

1. Remove attachment from machine.
2. Clean attachment and driveline, if equipped.
3. Remove any shields if needed to clean out all debris.
4. Repair or replace worn, bent, or damaged parts. Tighten loose hardware.
5. Apply paint to painted surfaces where needed to prevent rust.
6. Apply thin coat of grease to blades to prevent rust.
7. Lubricate any pivot points with engine oil to prevent rust.
8. Lubricate any grease points.

IMPORTANT: Avoid damage! Abrasive surfaces can damage attachment. Store attachment on non-abrasive surface or on wooden blocks.

9. If storing attachment outdoors, block up attachment if possible and place a waterproof cover over it.

OUMX068,0000E05-19-22SEP15

Operating

Raising and Lowering Front Blade

CAUTION: Avoid injury! Attachment can lower rapidly. Keep bystanders, especially children, away from attachment when raising and lowering.

NOTE: Lever must be in the float position to allow blade to follow contours in the ground. Use float position for most operating conditions. Do not use float for slow-speed digging or grading. Operate machine at full throttle position for best performance when using blade.

To improve traction and steering, engage differential lock or engage four-wheel drive, if equipped.



MG512240—UN—15JUN21

- Push lever (A) forward to lower front blade.
- Pull lever (A) back to raise front blade.

MG39705,00005C7-19-15JUN21

Turning Blade

NOTE: Put blade at an angle to clear snow or light material and prevent wheel slippage.



MG512241—UN—15JUN21

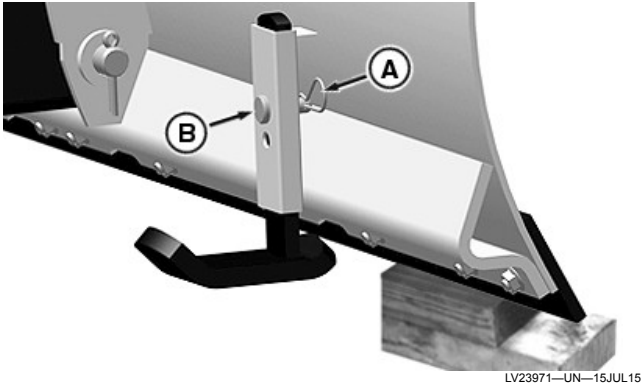
- Pull lever (A) back to rotate blade to the right.
- Push lever (A) forward to rotate blade to the left.

MG39705,00005C1-19-15JUN21

Adjusting Skid Shoes

1. Park machine safely.
2. Lock park brake. Stop engine and remove key.
3. Raise the blade and put blocks under each end of blade.
4. Remove spring locking pin (A) and pin (B).
5. Move skid shoes up or down to desired height.

Service



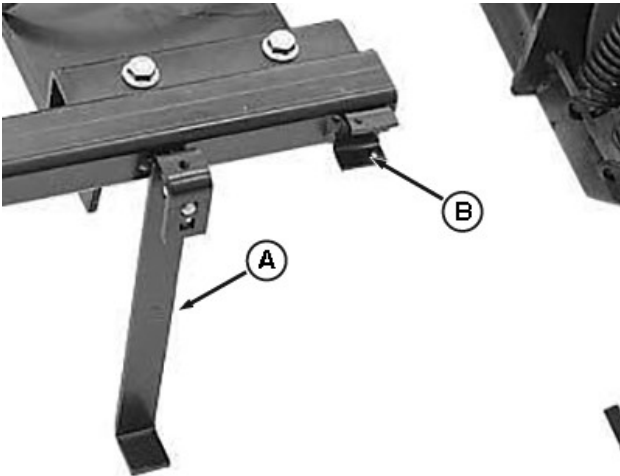
A—Spring Locking Pin
B—Pin

NOTE: Skid shoes must be at same height on both sides of blade.

6. Reinstall pin (B) and spring locking pin (B).

vs70618,1660294625404-19-12AUG22

Using Support Stand



1. Pull end of support stand (A) out away from right lift arm bracket (B).
2. Rotate support stand to the ground.

MG39705,00005C8-19-15JUN21

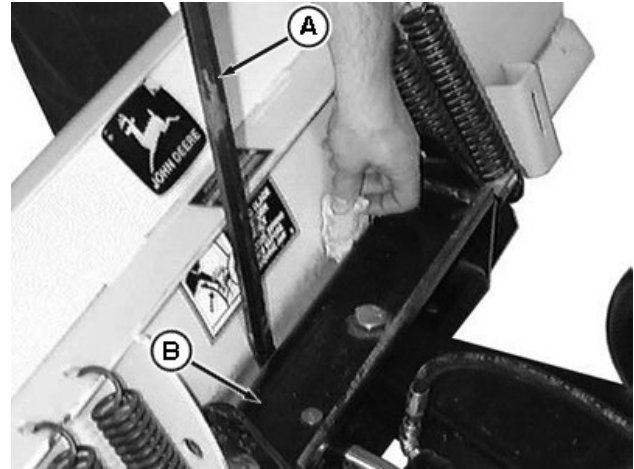
Adjusting Blade for Cleaning Objects

The blade is designed to trip (top of blade springs forward) if an obstruction or solid object is hit during the blade operation. The blade should return automatically to the operating position when there is no blade pressure against object.

1. Park machine safely.
2. Always stand in front of blade when removing object from between blade and bracket.

CAUTION: Avoid injury! Do not put hands between blade and mounting bracket to remove objects. Always use a safe tool to remove an object.

Blade may cause injury when it snaps back to the normal position after object is removed. Stand in front of the blade to remove the object.



MG512243—UN—15JUN21

3. Insert end of a pry bar (A) between bracket (B) and blade.
4. Apply downward pressure on the opposite end of pry bar to tilt the blade forward.
5. Keeping one hand on pry bar, remove the object.
6. Slowly release pressure to return blade to operating position. Remove pry bar.

MG39705,00005C4-19-15JUN21

Transporting

CAUTION: Avoid injury! Use extra care when loading or unloading the machine into a trailer or truck.

Close fuel shut-off valve, if your machine is equipped.

IMPORTANT: Avoid damage! Always lower attachment to trailer deck when transporting.

1. Drive machine and attachment onto heavy-duty trailer equipped with lights and signage required by law.
2. Lower attachment to trailer deck.
3. Stop engine.
4. Lock park brake.
5. Fasten machine and attachment to deck with straps, chains, or cables.

MG39705,00005C6-19-15JUN21

Service

Service Intervals

Beginning of Season

- Lubricate all pivot points on blade assembly.

OUMX068,0000C54-19-23JUN15

Grease

IMPORTANT: Avoid damage! Use recommended John Deere greases to avoid component failure and premature wear.

The following grease is recommended for service:

- John Deere Multi-Purpose HD Lithium Complex Grease
- Grease-Gard™ Premium Plus

Service

Not all grease types are compatible; John Deere does not recommend mixing greases. If using any product other than the recommended grease in service, purge any remaining grease from the system before application. If not practical, grease twice as often until all old grease is purged from the system.

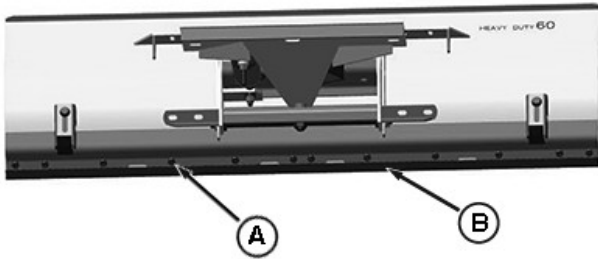
OUMX068,0000642-19-20APR21

Troubleshooting

Replacing Cutting Edge

NOTE: Replace the blade when edge becomes worn, rough, or bent.

1. Raise the blade.
2. Put blocks under each end of blade.
3. Lower the blade to rest on blocks.
4. Lock park brake, stop engine, and remove key.



MG512244—UN—15JUN21

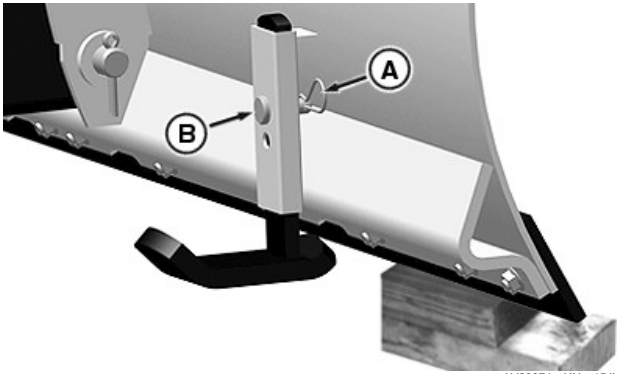
5. Remove 12 nuts, washers, and bolts (A).
6. Remove and replace cutting edge (B).
7. Install bolts, washers, and nuts. Torque to specification.

MG39705,00005C9-19-15JUN21

Replacing Skid Shoes

1. Park machine safely.
2. Lock park brake. Stop engine and remove key.
3. Raise the blade and put blocks under each end of blade.
4. Remove spring locking pin (A) and pin (B).
5. Move skid shoes up or down to desired height.

NOTE: Skid shoes must be at same height on both sides of blade.



LV23971—UN—15JUL15

A—Spring Locking Pin
B—Pin

6. Reinstall pin (B) and spring locking pin (B).

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When you have checked all the possible causes listed and you are still experiencing the problem, see your authorized dealer.

TH84124,0000157-19-28MAY13

Blade Troubleshooting

IF	CHECK
Hydraulic Cylinder Hoses Difficult To Connect Or Disconnect	Stop engine and move hydraulic control levers back and forth several times to relieve pressure.
Blade Will Not Angle Correctly	Hydraulic hoses not connected to couplers correctly. Transmission/hydraulic oil level
Blade Will Not Raise Or Lower Correctly	Hydraulic hoses not connected to front blade couplers correctly.
Blade Will Not Clean Loose Material Such As Snow Or Slush From Surface	Install optional rubber squeegee.
Wheel Slippage	Install tire chains and/or calcium chloride solution in tires.
Blade Gouging Holes Or Digging Too Deep When Clearing Or Leveling	Adjust skid shoes and/or move hydraulic control lever forward to float position.
Blade Penetrates Too Much And Will Not Float Over Uneven Surfaces Or Obstacles	Move hydraulic control lever forward to float position.
Blade Will Not Penetrate When Digging Or Operating On Hard Soil Surfaces	Operate at slow travel speed. Adjust skid shoes and move hydraulic control lever out of float position.
Engine Lugs Down Under Certain Conditions	Blade not angled correctly.
Blade Springs Down Too Often When Leveling	Operate at slow travel speed. Adjust skid shoes and move hydraulic control lever out of float position.

MG39705,00005CB-19-16JUN21

Troubleshooting

Using Troubleshooting Chart

If you are experiencing a problem that is not listed in this chart, see your authorized dealer for service.

Specifications

Specifications

60 Inch Blade Specifications

Blade Width, Straight	1.52 m (60 in)
Blade Width, Angled 15°	1.47 m (58 in)
Blade Width, Angled 27°	1.32 m (52 in)
Overall Width.	1.52 m (60 in)
Overall Height	.45.7 cm (18 in)
Approximate Weight.	85.5 kg (190 lb)

MG39705,00005CD-19-16JUN21

Specifications

Declaration of Conformity

Declaration of Conformity

EC Declaration of Conformity

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

The undersigned hereby declares that

Machine Type: Front Blade

Model: 60-inch

Serial Numbers: 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
Electromagnetic Compatibility Directive	2014/30/EU	Self-Certification
Noise Directive	2000/14/EC (Annex VI, Procedure 2)	Third-Party Certification
NOTIFIED BODY		
Intertek Deutschland GmbH – NB0905 Stangenstraße 1 70771 Leinfelden-Echterdingen, Germany		

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

John Deere Walldorf GmbH & Co. KG
Customer Support
Impexstraße 3
D-69190 Walldorf
EUConformity@JohnDeere.com

Place of Declaration: Fuquay-Varina, NC USA

Date of Declaration: 1 December 2020

Manufacturing Unit: John Deere Turf Care



DXCE01—UN—28APR09

TCT015240—UN—28MAR17

Name: Dan Thiemke

Title: Product Engineering Manager, Commercial Mowing

MG39705,00005CE-19-16JUN21

Declaration of Conformity

UK Declaration of Conformity

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

The undersigned hereby declares that

Machine Type: Front Blade

Model: 60-inch

Serial Numbers: See Product Identification Page

fulfills all relevant provisions and essential requirements of the following UK regulations:

DIRECTIVE	NUMBER	CERTIFICATION METHOD
The Supply of Machinery (Safety) Regulations 2008	S.I. 2008/1597	Self-Certification
Electromagnetic Compatibility Regulations 2016	S.I. 2016/1091	Self-Certification
The Noise Emission in the Environment by Equipment for use Outdoors Regulations 2001	S.I. 2001/1701 (Schedule 9)	Third-Party Certification
APPROVED BODY		
Intertek Testing and Certification Limited		
Approved Body Number 0395 1-9 Brook Street Brentwood Essex CM14 5NQ		

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

John Deere Walldorf GmbH & Co. KG
Customer Support
Impexstraße 3
D-69190 Walldorf
EUConformity@JohnDeere.com

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Place of Declaration: Fuquay-Varina, NC USA

Date of Declaration: 1 October 2021

Manufacturing Unit: John Deere Turf Care

Ag & Turf Products Importer: John Deere Ltd- Harby Road, Langar, Nottinghamshire, NG13 9HT

Forestry Products Importer: John Deere Forestry Ltd- Carlisle Airport Industrial Estate, Carlisle, Cumbria, CA6 4NW



TC101783—UN—21FEB21

A handwritten signature in black ink, appearing to read 'Dan Thiemke'.

TCT015240—UN—28MAR17

Name: Dan Thiemke

Title: Product Engineering Manager, Commercial Mowing

sb31882,1661880509895-19-30AUG22

John Deere Quality Statement

John Deere Quality Statement

John Deere Quality

John Deere equipment is more than just a purchase, it's an investment in quality. That quality goes beyond our equipment to your John Deere dealer's parts and service support. This support is needed to keep you a satisfied customer.

That's why John Deere has initiated a process to handle your questions or problems, should they arise. The following three steps will help guide you through the process.

Step 1

Refer to your operator's manual

- A. It has many illustrations and detailed information on the safe and proper operation of your equipment.
- B. It gives troubleshooting procedures, and specification information.
- C. It gives ordering information for parts catalogs, service and technical manuals.
- D. If your questions are not answered in the operator's manual, then go to Step 2.

Step 2

Contact your dealer

- A. Your John Deere dealer has the responsibility, authority, and ability to answer questions, resolve problems, and fulfill your parts and service needs.
- B. First, discuss your questions or problems with your dealer's trained parts and service staff.
- C. If the parts and service people are unable to resolve your problem, see the dealership manager or owner.
- D. If your questions or problems are not resolved by the dealer, then go to Step 3.

Step 3

Contact John Deere

A. Your John Deere dealer is the most efficient source in addressing any concern, but if you are not able to resolve your problem after checking your operator's manual and contacting your dealer, contact John Deere for assistance.

B. For prompt, effective service, please have the following ready before you call:

- The name of the dealer with whom you've been working.
- Your equipment model number.
- Number of hours on machine (if applicable).
- Your serial number which you recorded on the inside front cover of this manual.
- If the problem is with an attachment, your attachment identification number.

C. Then call 1-800-537-8233 (United States and Canada) and our advisor will work with your dealer to investigate your concern. If you are outside the United States and Canada, visit the following website:

<https://www.deere.com/en/global-country-selector/>

Select your country and then click on the Contact Us link at the bottom of the page.

SP66632,00043A7-19-17MAY22

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