

JOHN DEERE
WORLDWIDE COMMERCIAL & CONSUMER
EQUIPMENT DIVISION

Quick-Hitch Snowblower
47-Inch

OMM146454 H1

OPERATOR'S MANUAL



JOHN DEERE

North American Version
Litho 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.

Using Your Operator's Manual

This 47-Inch snowblower can be used on the 400 Series (425, 445, 455 tractors) and on the F900 Series (F911, F925, and F935 front mowers).

This manual is an important part of your machine and should remain with the machine when you sell it.

Reading your operator's manual will help you and others avoid personal injury or damage to the machine. Information given in this manual will provide the operator with the safest and most effective use of the machine. Knowing how to operate this machine safely and correctly will allow you to train others who may operate this machine.

If you have an attachment, use the safety and operating information in the attachment operator's manual along with the machine operator's manual to operate the attachment safely and correctly.

This manual and safety signs on your machine may also be available in other languages (see your John Deere dealer to order).

Sections in your operator's manual are placed in a specific order to help you understand all the safety messages and learn the controls so you can operate this machine safely. You can also use this manual to answer any specific operating or servicing questions. A convenient index located at the end of this book will help you to find needed information quickly.

The machine shown in this manual may differ slightly from your machine, but will be similar enough to help you understand our instructions.

RIGHT-HAND and LEFT-HAND sides are determined by facing in the direction the machine will travel when going forward. When you see a broken line arrow (----->), the item referred to is hidden from view.

Before delivering this machine, your dealer performed a predelivery inspection to ensure best performance.

Special Messages

Your manual contains special messages to bring attention to potential safety concerns, 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.

PRODUCT IDENTIFICATION

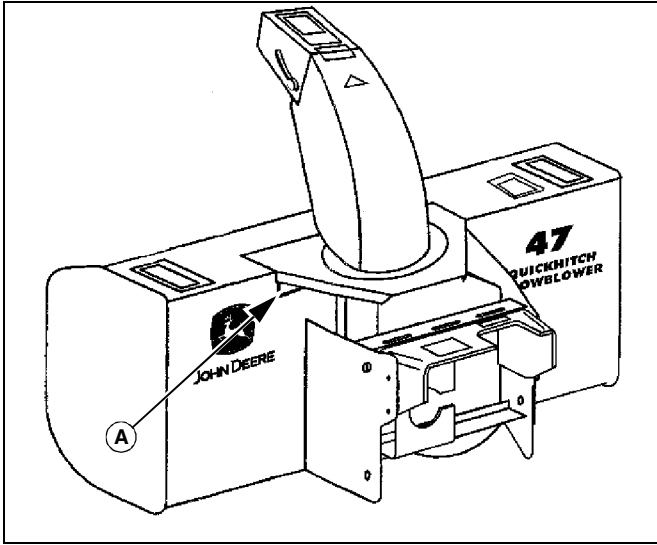
Record Identification Numbers

Snowblower

47-Inch Serial No. (010001-)

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 number for the machine and record the information in the spaces provided below.



MX11182

DATE OF PURCHASE:

DEALER NAME:

DEALER PHONE:

PRODUCT SERIAL NUMBER (A):

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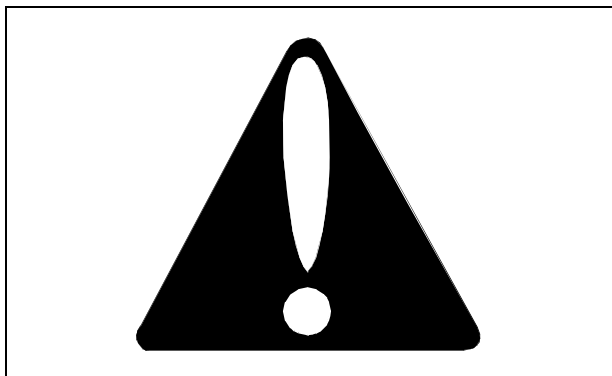
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OMM146454 H1 - English

SAFETY

Understanding The Machine Safety Labels



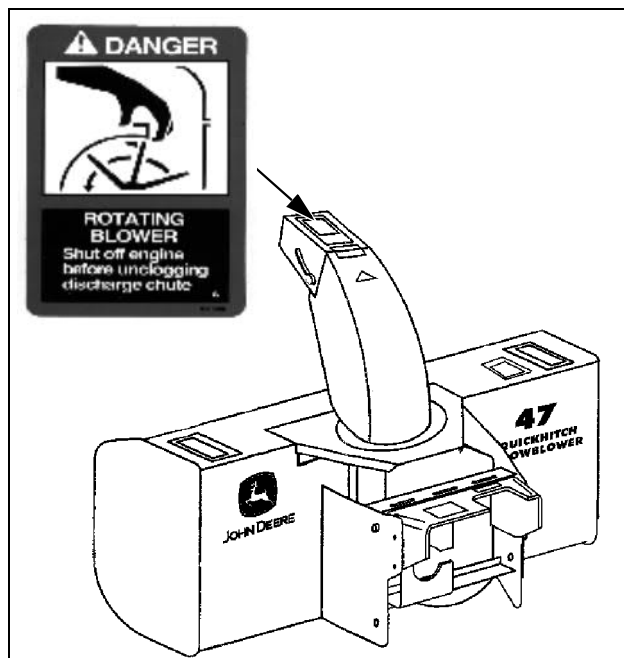
MIF

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.

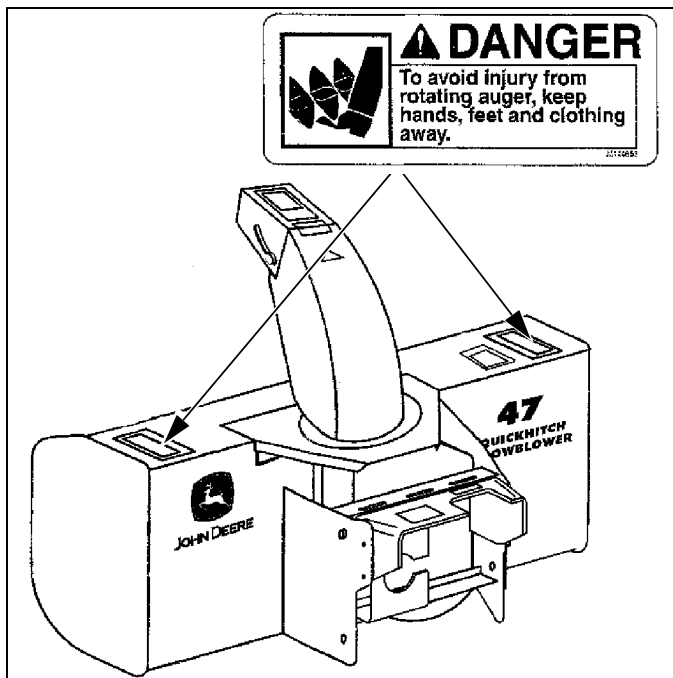
DANGER



M74599a MX11182

- Rotating blower. Shut off engine before unlogging discharge chute.

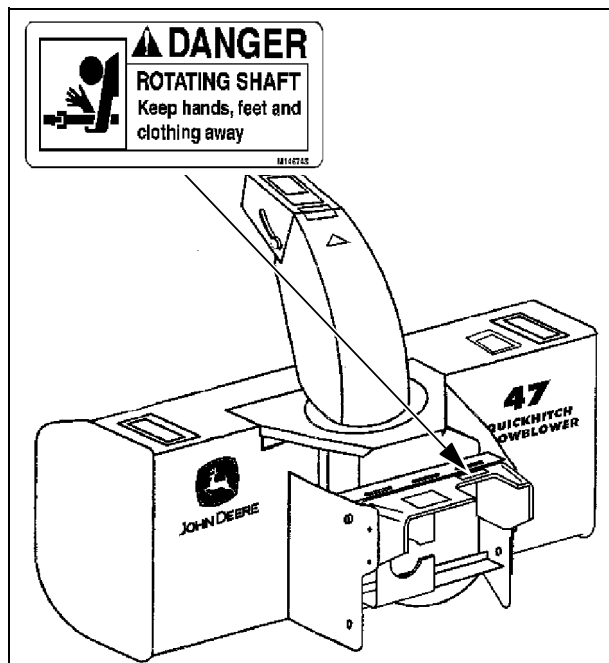
DANGER



M144853 MX11182

- To avoid injury from rotating auger, keep hands, feet and clothing away.

DANGER



M146743 MX11182

- Rotating shaft. Keep hands, feet and clothing away.

SAFETY

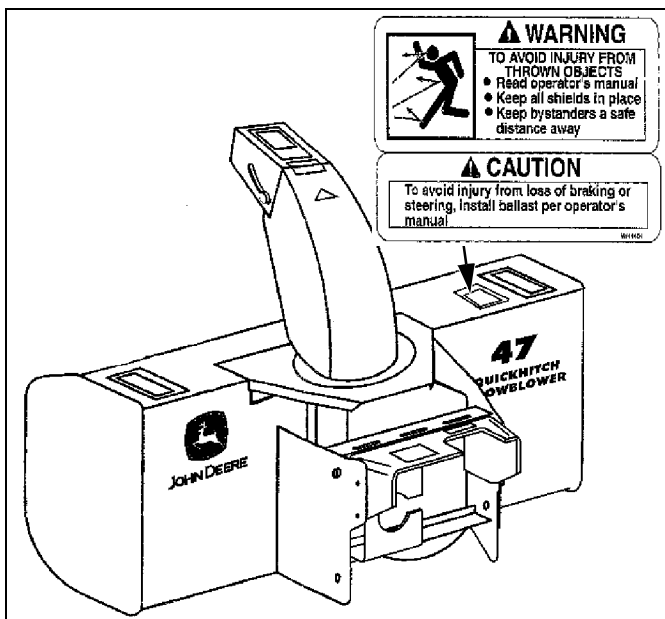
DANGER



M74970 M60485

- Rotating driveline. Contact can cause death. Keep away.
- Do not operate without
 - All driveline, tractor and equipment shields in place.
 - Driveline securely attached at both ends.
 - Driveline shields that turn freely on driveline.

WARNING



M144854 MX11182

- To avoid injury from thrown objects
 - Read operator's manual.
 - Keep all shields in place.
 - Keep bystanders a safe distance away.

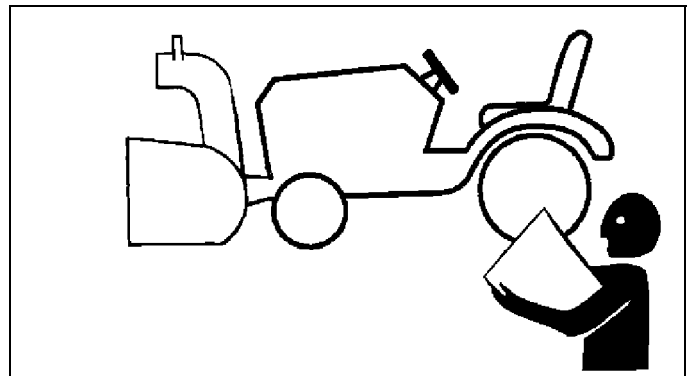
CAUTION

- To avoid injury from loss of braking or steering, install ballast per operator's manual

Certification

Your snowblower has been certified by an independent laboratory for compliance with American National Standard B-71.3, "Safety Specifications" for Snow Throwers.

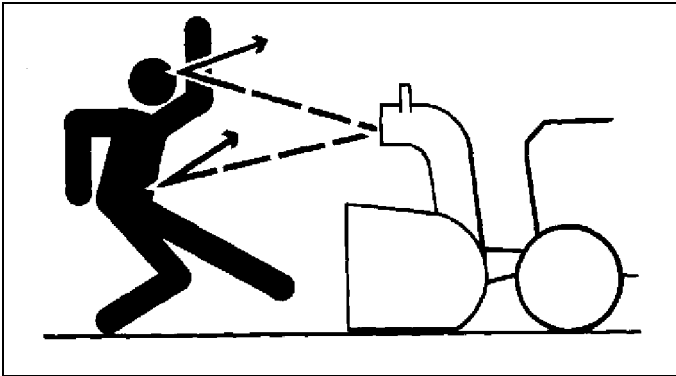
Operate Safely



MX10213

- Read the tractor and snowblower operator's manual carefully. Be thoroughly familiar with the controls and the proper use of the equipment. Know how to stop the tractor and disengage the controls quickly.
- Check vehicle brake action before you operate. Adjust or service brakes as necessary.
- Inspect machine 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.

SAFETY



M41313

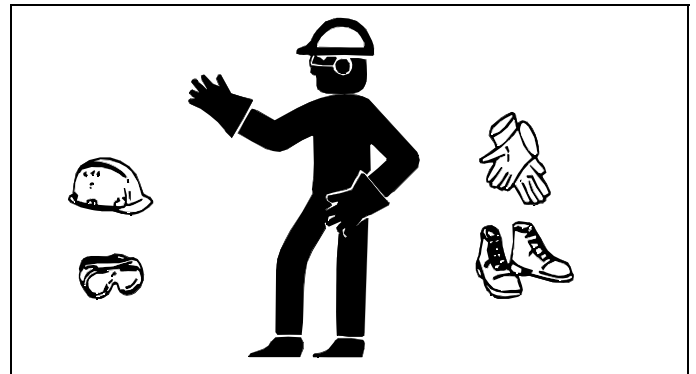
- Clear work area of objects that might be thrown. Keep people and pets out of the work area. Keep children indoors when blowing snow. Turn the machine off if anyone enters the area.
- If you hit an object, stop the machine and inspect it. Make repairs before you operate. Keep machine properly maintained and in good working order.
- Do not leave machine unattended when it is running.
- Only operate during daylight or with good artificial light.
- Look carefully behind tractor before you back up.
- Do not let anyone, especially children, ride on machine or attachment. Riders are subject to injury such as being struck by foreign objects and being thrown off. Riders may also obstruct the operator's view, resulting in the machine being operated in an unsafe manner.
- Do not wear radio or music headphones while operating the machine. Safe operation requires your full attention.
- Do not let children or an untrained person operate machine.
- Be alert for traffic when crossing or working near roadways.
- Be alert. Do not operate snowblower when you are tired or ill or under the influence of drugs or alcohol.
- Keep clear of the discharge opening at all times.
- Do not operate tractor at high speeds. Operate snowblower at full throttle and a safe, slow travel speed.
- Do not throw snow toward bystanders, buildings, or automobiles.
- Throw snow downwind, if possible.
- Clean snowblower after you use it.
- Be extremely careful if you must clear snow from a gravel surface.
- Operate slowly and carefully on slopes and in sharp turns.
- Drive up and down--not across--slopes.

- Do not operate near edge of ditch or bank. Avoid holes, rocks, and roots. Be alert for hidden hazards.
- Older adults are involved in a large percentage of riding mower accidents involving injury. These operators should evaluate their ability to operate a mower and a snowblower safely enough to protect the operator and others from serious injury.

Park Safely

1. Stop machine on a level surface, not on a slope.
2. Disengage mower blades or snowblower augers.
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.

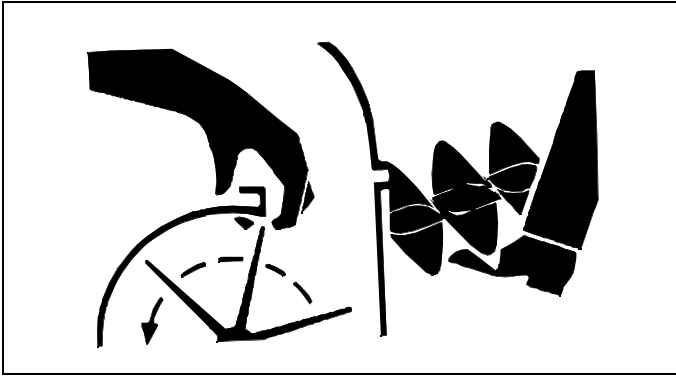
Wear Appropriate Clothing



- Always wear safety glasses or eye shields during operation to protect eyes from foreign objects that may be thrown from the machine.
- Wear adequate winter outer garments and footwear that will improve footing on slippery surfaces.
- Wear close fitting clothing and safety equipment appropriate for the job.
- Loud noise can cause impairment or loss of hearing, wear a suitable protective device such as earplugs.

SAFETY

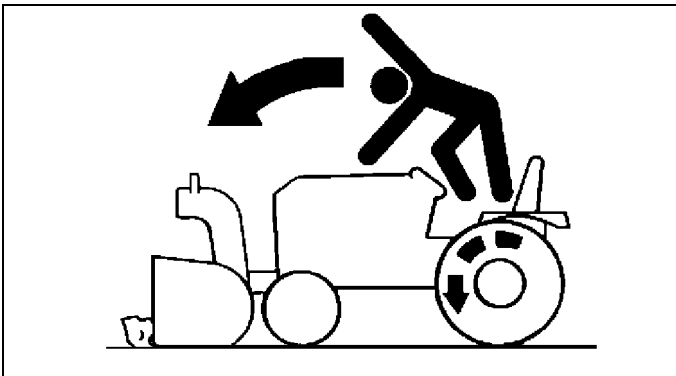
Avoid Injury from Moving Parts



MX10215

- Keep hands, feet and clothing away from snowblower and discharge chute when auger is turning.
- Stop auger when you are not throwing snow.
- Stop vehicle engine before you unplug, repair, or adjust snowblower.

Avoid Injury from Hitting Obstructions



MX10214

- Raise snowblower 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.

Practice Safe Maintenance



- Understand service procedure before doing work. Keep area clean and dry.
- Never lubricate, service, or adjust machine while it is moving. Keep safety devices in place and in working condition. Keep hardware tight.
- Keep hands, feet, clothing, jewelry, and long hair away from any moving parts, to prevent them from getting caught.
- Lower attachments to the ground before servicing machine. Disengage all power and stop the engine. Lock park brake and remove the key. Let machine cool.
- Securely support any machine elements that must be raised for service work.
- Never run engine unless park brake is locked.
- Keep all parts in good condition and properly installed. Fix damage immediately. Replace worn or broken parts. Remove any buildup of grease, oil, or debris.
- Disconnect battery negative (-) cable before making adjustments on electrical systems or welding on machine.
- Do not modify machine. Unauthorized modifications may impair its function and safety.
- Do not wear radio or music headphones while servicing the machine. Safe service requires your full attention.

SAFETY

Avoid High Pressure Fluids



MIF

- Hydraulic hoses can fail due to physical damage, kinks, age, and exposure. Check hoses regularly. Replace damaged hoses.
- Escaping fluid under pressure can penetrate the skin causing serious injury. Avoid the hazard by relieving pressure before disconnecting hydraulic or other lines. Tighten all connections before applying pressure.
- Search for leaks with a piece of cardboard. Protect hands and body from high pressure fluids.
- If an accident occurs, see a doctor immediately. Any fluid injected into the skin must be surgically removed within a few hours or gangrene may result. Doctors unfamiliar with this type of injury should reference a knowledgeable medical source. Such information is available from Deere & Company Medical Department in Moline, Illinois, U.S.A.

PREPARING VEHICLE

Preparing the Machine



CAUTION: Avoid injury!

The machine may become unstable when operating with snowblower.

Ballasting is required for safe operation of your snowblower.

When the snowblower is removed, you must also remove any weights that were added to the machine.

Ballast for 400 Series

- Two rear suitcase weights with rear weight bracket used with 3-point hitch kit

OR

- Ballast box with 45 kg (100 lbs.), frame mounted or mounted to 3-point hitch kit

OR

- Rear wheel weights, one on each side

Ballast for F900 Series

- Six rear bumper weights and cast iron rear bumper (Rear weight kit required.)

Your Machine Must Have

400 Series

- Front hitch kit
- Front PTO kit
- Hydraulic outlet kit (425 only)
- Attachment drive and upstop

F900 Series

- Front hitch kit
- Front PTO kit
- Auxiliary hydraulic kit
- Attachment drive and upstop

To Improve Traction

- Install chains on drive tires
- Install wheel weights on drive wheels
- Install liquid ballast in drive tires

Recommended Options on F900 Series

- Weight transfer valve

Tire Inflation

400 Series

- Front
 - 2 ply: 97 kPa (14 psi)
 - 4 ply: 150 kPa (22 psi)
- Rear
 - 35-70 kPa (5-10 psi)

F900 Series

- Front (Drive)
 - 165 kPa (24 psi)
- Rear (Steering)
 - 193 kPa (28 psi)

INSTALLING

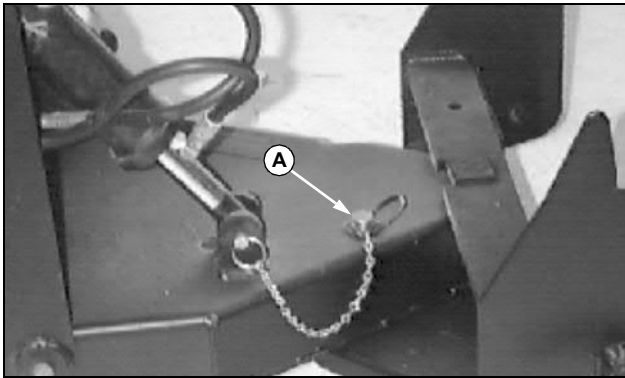
Aligning Snowblower with Front Hitch

IMPORTANT: Avoid damage! To prevent damage to driveshaft:

- Do not angle snowblower.
- Put snowblower driveshaft on support rod before driving machine forward.

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

IMPORTANT: Avoid damage! Use locking pin to prevent front hitch from angling when using snowblower.

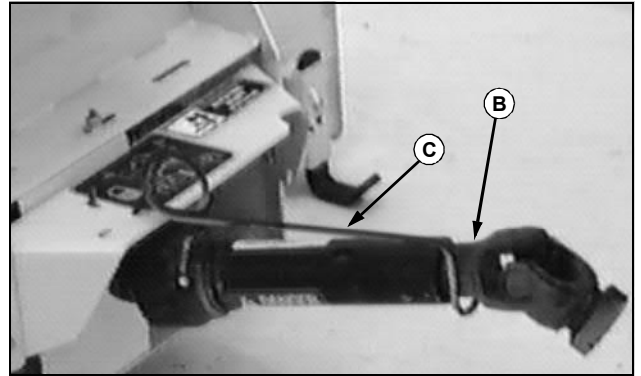


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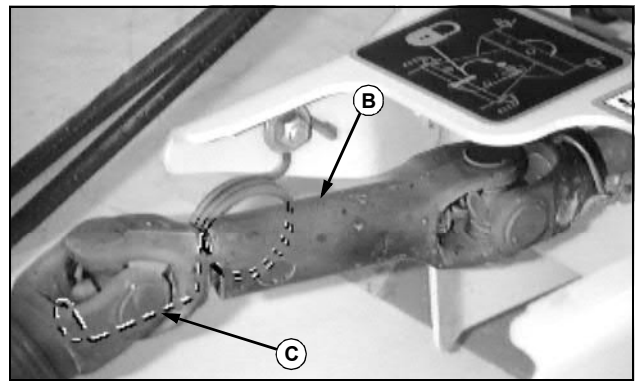
Picture Note: 400 Series

2. Insert locking pin assembly (A) in front hole on front hitch and fasten with spring locking pin.

NOTE: Different styles of components shown. Match your components to picture and follow appropriate directions.

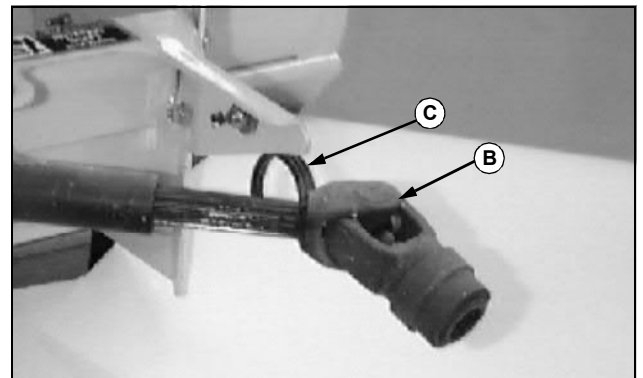


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M58992b

Picture Note: 400 Series



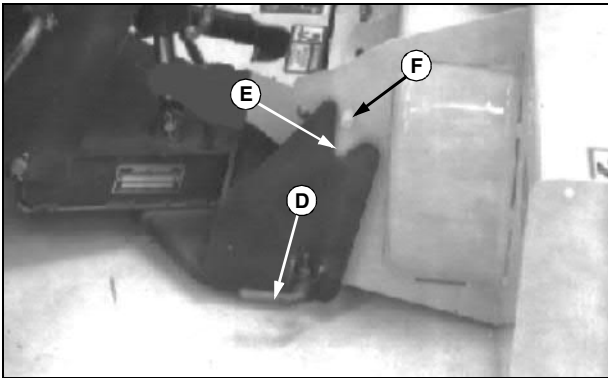
M58999

Picture Note: F900 Series

3. Install driveshaft (B) on support rod (C).
4. Lower front hitch.

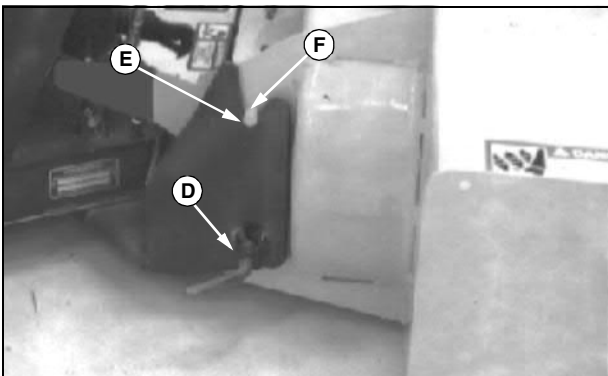
INSTALLING

NOTE: Locking pin lever (D) on each side of front hitch bracket must be in the unlocked position shown.



M55256

5. Move machine forward slowly until slot (E) on front hitch bracket lines up with pin (F) on snowblower.



M55257

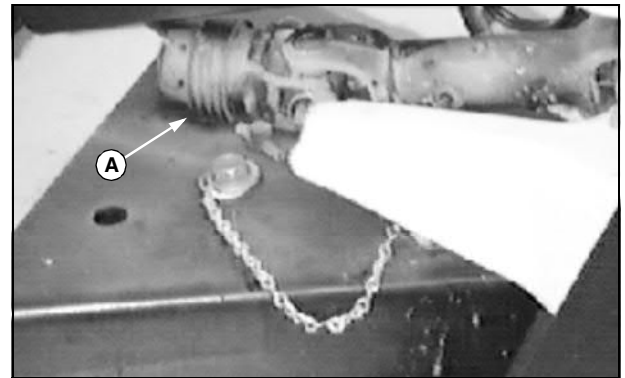
6. Raise front hitch until slot (E) locks in place under pin (F).

7. Adjust lever (D) to insert locking pins on both sides of hitch bracket into bracket and snowblower.

8. Lower snowblower to the ground.

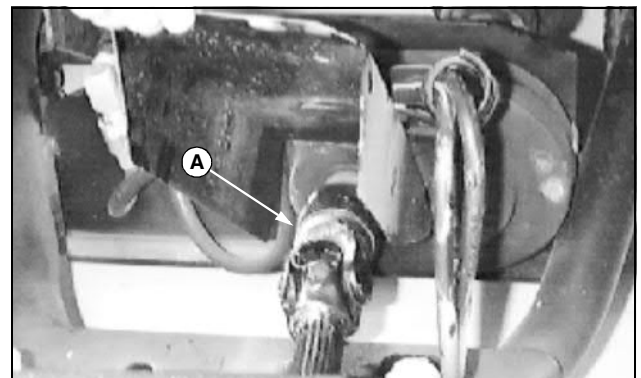
Connecting Driveshaft

1. Remove snowblower driveshaft from support rod.



M58993

2. Pull back coupler (A) on driveshaft to lock collar open.



M58995

Picture Note: F900 Series shown

3. Push driveshaft onto machine PTO shaft until coupler (A) locks.

Connecting Hydraulic Hoses (400 Series)

1. Move hydraulic control levers back and forth to relieve hydraulic pressure.



Suggest:

If the above button click is invalid.

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first, and then click the above link

to download the complete manual.

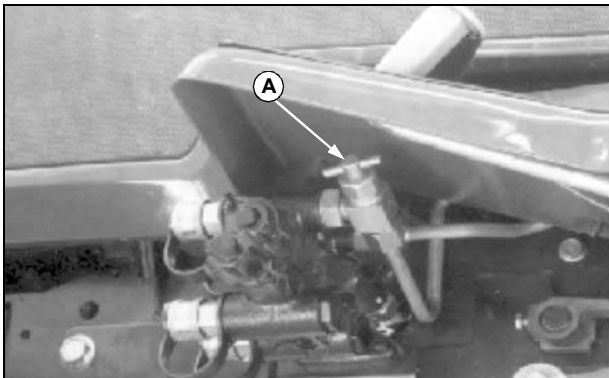
Thank you so much for reading

INSTALLING



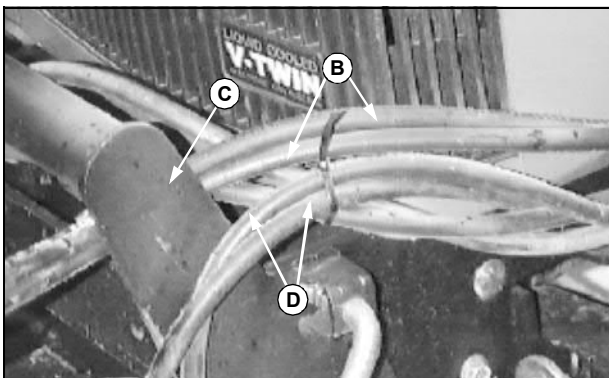
CAUTION: Avoid injury! Hydraulic fluid is under pressure. Escaping fluid can penetrate the skin and cause serious injury. Protect hands and body.

- Relieve all pressure before checking hydraulic hoses.
- Search for leaks with piece of cardboard. Do not use hands to check hoses.
- Tighten all connections before applying pressure.



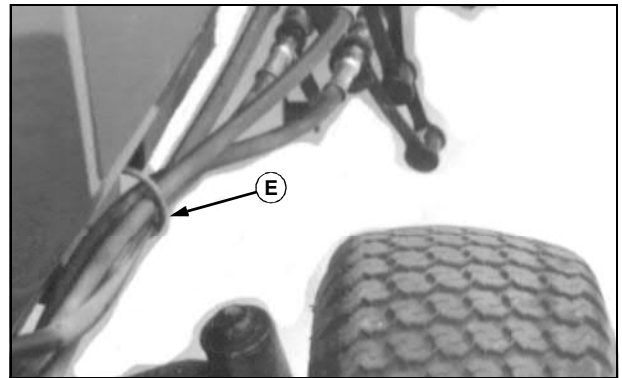
M55415

2. Turn hydraulic lockout valve (A) (located under left foot rest) clockwise until closed to lock out mower and rear implement lift.



M60488

3. Route snowblower hydraulic chute hoses (B) inside bracket (C) on front hitch. If hydraulic angling kit is installed on your machine, route angling kit hoses (D) outside bracket (C) and strap to lift cylinder hoses.

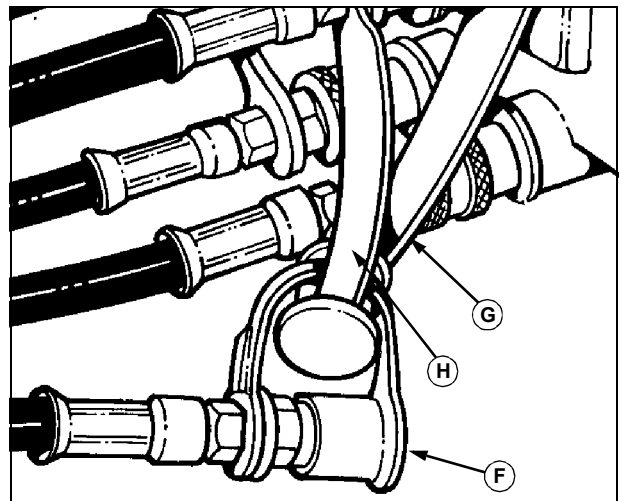


M47638

4. Route snowblower hoses through holder (E) on side of tractor.

5. If hydraulic angling kit is not installed on your machine, match color on hose with color on machine port and install snowblower hoses in ports. (See decal on machine platform.)

6. If hydraulic angling kit is installed on your machine, you need to fasten the angling kit hoses so they do not drag:



M47451

a. Remove angling kit hoses from top two ports on machine. (See decal on machine platform for reference.)

b. Match color on hose with color on machine port and install snowblower hoses in ports.

c. Install dust cap (F) on each angling kit hose you just removed.

d. Route dust cap on port (G) through loop on dust cap on angling kit hose and connect to cap on snowblower hose (H).

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