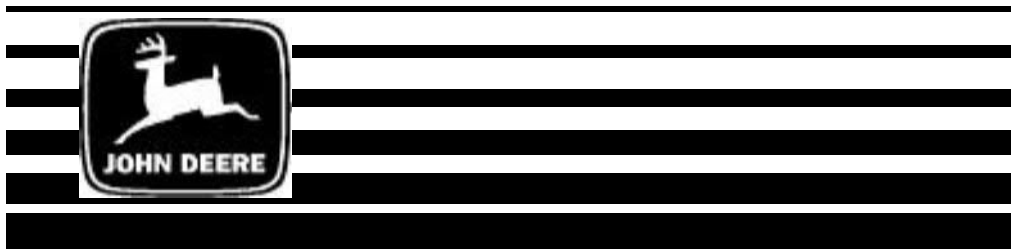


# **47 and 59-Inch Snowblowers for 55 Series Tractors, 670 and 770 Tractors**

(Serial No. 010001 –     ) (55 Series Tractors)  
(Serial No. 100001 –     ) (670 and 770 Tractors)



## **OPERATOR'S MANUAL**

**John Deere  
Lawn & Grounds Care Division  
OMM123336 C6**

North American Version  
Litho in U.S.A  
English

## INTRODUCTION

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**THANK YOU** for purchasing a John Deere product.

The 47-Inch Snowblower can be used on the 55 Series Tractors. It will also fit the 670 and 770 Tractors but it will not cover the entire wheel track.



The 59-Inch Snowblower can be used on the 55 Series Tractors, and the 670, and 770 Tractors.

All information in this manual can be used for both snowblowers, and tractor models mentioned above. When information is for a specific application, it will be spelled out as such.

Read this manual and your vehicle manual thoroughly. Failure to do so could result in personal injury or equipment damage.

This manual should be considered a permanent part of your machine and should remain with the machine when you sell it.

Measurements in this manual are U.S. customary units and their metric equivalents. 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 ( - - - ➔ ) it indicates the part it is pointing to is hidden.

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

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# INTRODUCTION

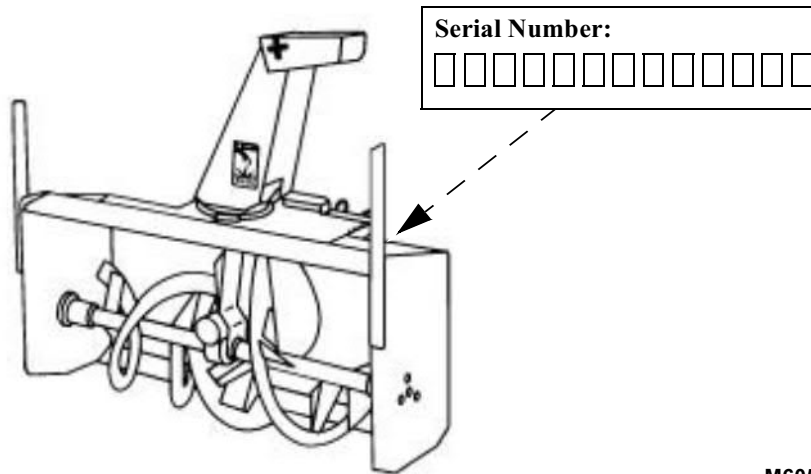
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Record identification numbers below. Be sure to record all the numbers to help in tracing the machine if it is stolen. You also need to give these numbers to your dealer when you order parts.

<b>Date of Purchase:</b> _____
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<b>Dealer Name:</b> _____	<b>Phone:</b> _____
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M60517

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# SAFETY SIGNS

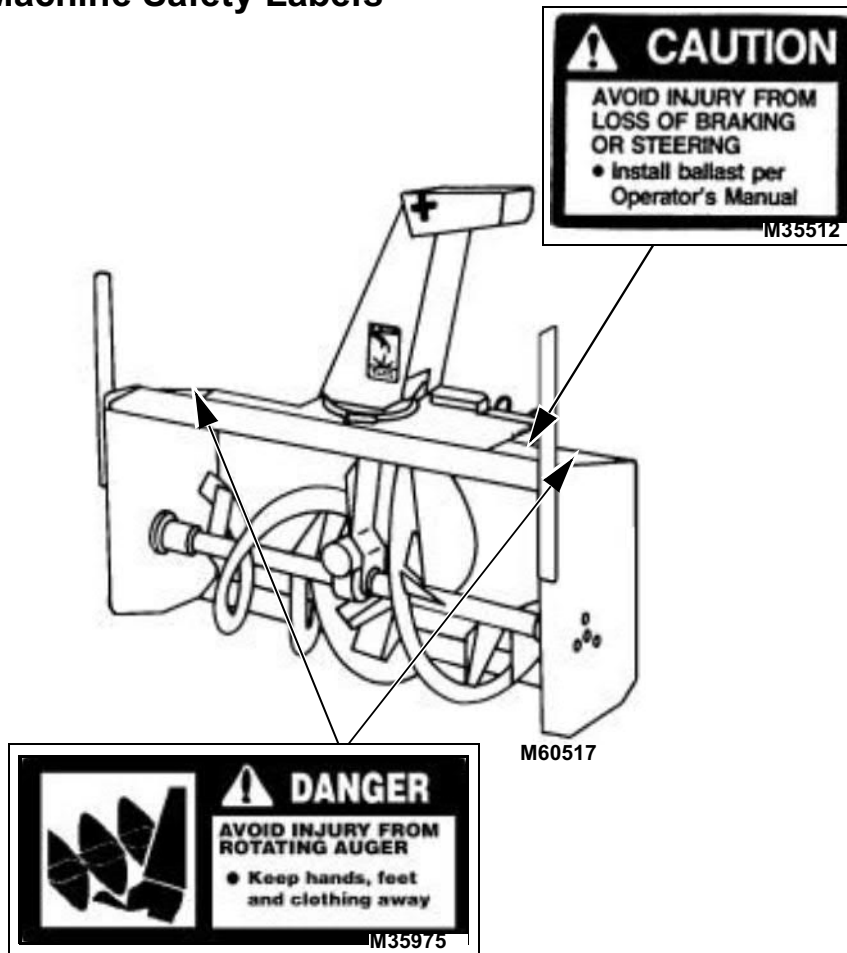
## Safety-Alert Symbol

Read and recognize safety information. Be alert to the potential for personal injury when you see this safety-alert symbol.

On your machine safety labels, the words DANGER, WARNING, and CAUTION are used with this safety-alert symbol. DANGER identifies the most serious hazards. In this manual, the word CAUTION and this symbol call attention to safety messages.

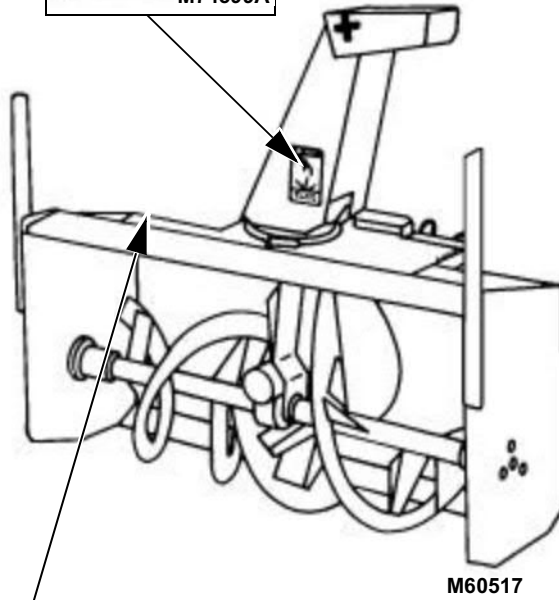


## Machine Safety Labels



# SAFETY SIGNS

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## PREPARING THE VEHICLE

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### Preparing the Tractor



**CAUTION:** To help prevent injury:  
When the snowblower is removed,  
you **MUST** also remove any weights  
that were added to the tractor.

#### INSTALL FRONT ATTACHING KIT:

**BM16492** for 55 Series Tractors;  
**BM16855** for 670 and 770,

and FRONT PTO KIT:

**BM16494** for 55 Series Tractors;  
**BM16856** for 670 and 770.

(See your John Deere dealer for kits.) Installation instructions are furnished with the kits.



#### 855 AND 955 TRACTORS:

Put wheels in the **NARROW** position.  
(See your tractor operator's manual.)

Tractor may need weights and tire chains to control rear wheel slip and make tractor more stable. (See your John Deere dealer for availability).

Two 27 kg (60 lb) wheel weights may be used on each wheel.



# INSTALLING

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## SAFETY

### Park Vehicle Safely

- Stop vehicle on a level surface, not on a slope.
- Disengage PTO
- Engage the park brake.
- STOP the engine.
- Remove the key.
- Before you leave the operator's seat, wait for engine and all moving parts to STOP.

### Avoid High Pressure Fluids

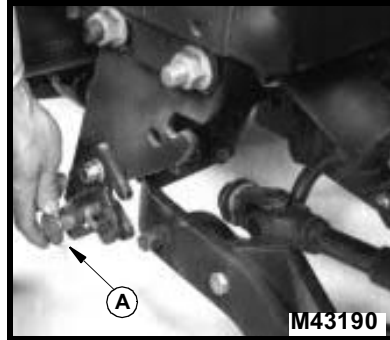


- Hydraulic hoses can fail due to physical damage, kinks, age, and exposure. Check hoses regularly. Replace damaged hoses.
- Escaping fluid under pressure can penetrate the skin causing serious injury. Avoid the hazard by relieving pressure before disconnecting hydraulic or other lines. Tighten all connections 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.

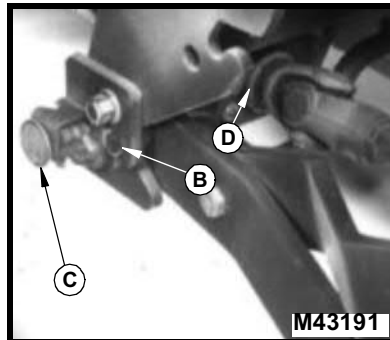
# INSTALLING

## Install Snowblower

1. Put snowblower in front of tractor.
2. Stop tractor engine. Remove key.
3. Put spring pins (A) in unlocked position so end of pin is against bracket.



4. Move tractor forward until lugs (B) fit into slots and spring pins (C) snap into place.



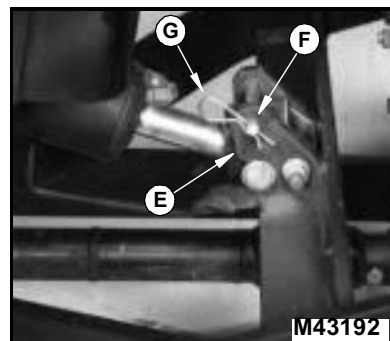
5. Check spring pins (C). Pins must be all the way in so snowblower is locked in place.

6. Install coupler (D) on tractor PTO shaft. Push locking collar to rear and pull shaft towards snowblower to be sure coupler locked onto shaft.

7. Start tractor.

8. Extend lift cylinder until cylinder rod slides into lift bracket (E).

9. Close bracket latch, and fasten it with drilled pin (F) and spring locking pin (G).



## INSTALLING

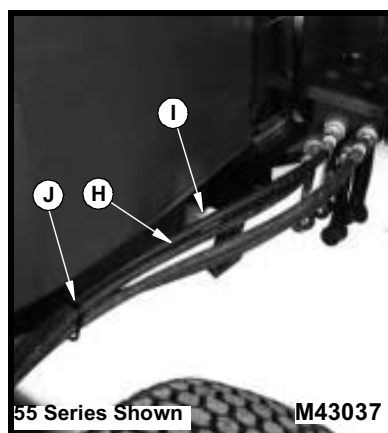
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**CAUTION:** To avoid injury from escaping hydraulic oil under pressure, relieve pressure in the system.

10. Stop engine, move hydraulic control levers back and forth to relieve hydraulic pressure.
11. Remove dust plugs from couplers (1) and (2). Remove dust caps from hoses.
12. Slide coupler sleeve back on tractor couplers.
13. Put hose fitting into coupler and release sleeve.
14. Connect hose (H) from cylinder rod end to coupler (1).
15. Connect hose (I) from cylinder head end to coupler (2).
16. Install hoses in hose guide (J).



17. Install coupler dust plugs in hose dust caps.



## INSTALLING

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18. Start engine.

19. Move SCV lever to all four positions to check for leaks.

20. Stop engine.

21. Check transmission-hydraulic oil level. If necessary, add oil. (See your tractor operator's manual.)

22. Be sure hydraulic hoses are not pinched or contacting other parts.



# REMOVING

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## SAFETY

### **Park Vehicle Safely**

- Stop vehicle on a level surface, not on a slope.
- Disengage PTO
- Engage the park brake.
- STOP the engine.
- Remove the key.
- Before you leave the operator's seat, wait for engine and all moving parts to STOP.

### **Avoid High Pressure Fluids**



- 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.



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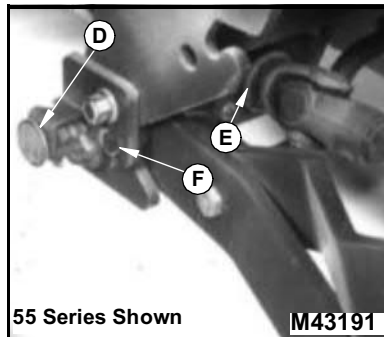
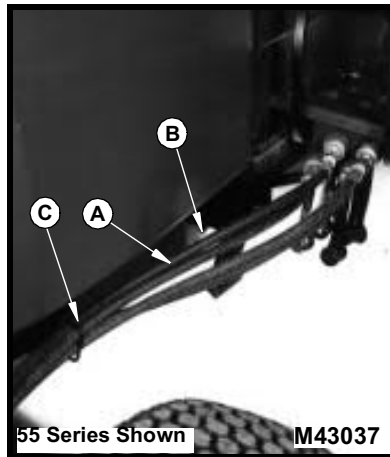
# REMOVING

## Removing Snowblower.



**CAUTION:** To avoid injury from escaping hydraulic oil under pressure, relieve pressure in system.

1. Park snowblower at storage area.
2. STOP engine.
3. Lower snowblower to ground.
4. Lock park brake
5. Move hydraulic levers back and forth to relieve hydraulic pressure.
6. Pull coupler sleeves back to disconnect hydraulic chute rotation hoses (A) and (B).
7. Install dust plugs in couplers and dust caps on hoses.
8. Remove hydraulic hoses from hose guide (C).
9. Put spring pins (D) in locked position. (Not engaged into mounting bracket.)
10. Pull locking collar (E) to disconnect drive shaft (F).



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