

# 2600 SEMI-INTEGRAL MOLDBOARD PLOW



## OPERATORS MANUAL 2600 SEMI-INTEGRAL MOLDBOARD PLOW

OMA46844 L2 English

**JOHN DEERE PLOW & PLANTER WORKS  
OMA46844 L2**

LITHO IN THE U.S.A.  
ENGLISH



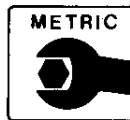
# Introduction

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**This safety alert symbol identifies important safety messages in this manual. When you see this symbol, be alert to the possibility of personal injury and carefully read the message that follows.**

Right-hand (R.H.) and left-hand (L.H.) references are determined by standing at the rear of the plow and facing the direction of forward travel.



This plow is of metric design.

For your convenience, most specifications are given in metric measurement with the customary U.S. measurement following.

Some specifications cannot be converted. These appear in metric only.

Most hardware is metric. Specified metric hardware must be used, where applicable, for replacement.



**CAUTION: Use only metric tools. Other tools may not fit properly. They may slip and cause injury.**

Record your plow serial number in the space provided on page 57. Your dealer needs this information to give you prompt, efficient service.

The warranty on this plow appears on your copy of the purchase order which you should have received from your dealer when you purchased the plow.



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# Safety

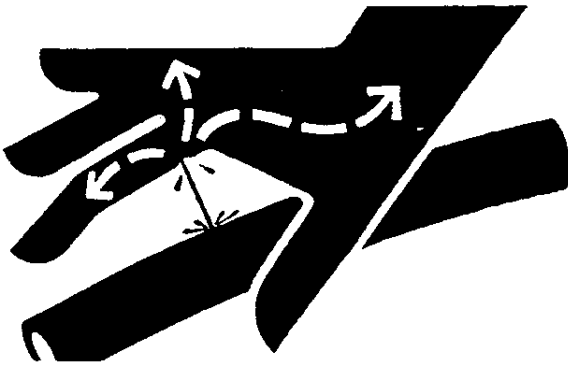
2-4

## TRANSPORT SAFELY

While transporting the plow on a public road, install transport safety locks and follow safety instructions outlined under "Transporting."

Use care when transporting across rough ground.

## AVOID HIGH-PRESSURE FLUIDS



Escaping fluid under pressure can have sufficient force to penetrate the skin, causing serious injury. Relieve pressure before disconnecting hydraulic or other lines. Tighten all connections before applying pressure. Keep hands and body away from pinholes and nozzles which eject fluids under high pressure. Use a piece of cardboard or paper to search for leaks. Do not use your hand.

If ANY fluid is injected into the skin, it must be surgically removed within a few hours by a doctor familiar with this type injury or gangrene may result.

X5811

## OPERATE THE PLOW SAFELY

Never ride or permit others to ride on the plow.

Allow the tailwheel to clear the furrow before making turns at end of field.

Stay clear of standards while plowing.

Stay clear of the reset path if the standards hang in a partially tripped position from an obstruction or during maintenance.

Always lower the plow to the ground when not in use.

Always use the support stand to support the plow before unhitching from the tractor.

Lower plow to within 50 mm (2 in.) of ground before releasing quick-coupler latch handles.

## USE PROPER TOOLS ONLY

Use only metric tools on metric hardware. Other tools may not fit properly and could slip causing injury.

## LUBRICATE THE PLOW SAFELY

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Do not grease, oil, or adjust the plow while it is in motion.

## DISPOSE OF SPRAY CANS SAFELY

If spray can paint is used for protecting plow bottoms to be put in storage, be careful when discarding empty can. Do not incinerate or puncture can.

## MOUNT TIRES SAFELY

Failure to follow proper procedures when mounting a tire on a wheel or rim can produce an explosion which may result in serious injury or death. Do not attempt to mount a tire unless you have the proper equipment and experience to perform the job. Have it done by your John Deere dealer or a qualified tire repair service.

When sealing tire beads on rims never exceed 35 psi or maximum inflation pressures specified by tire manufacturers for mounting tires. Inflation beyond this maximum pressure may break the bead or even the rim, with dangerous explosive force. If both beads are not seated when the maximum recommended pressure is reached deflate, reposition tire, relubricate bead and reinflate.

Detailed agricultural tire mounting instructions, including necessary safety precautions, are contained in John Deere Fundamentals of Service (FOS) Manual 55, Tires and Tracks, available through your John Deere dealer. Such information is also available from the Rubber Manufacturers Association and from tire manufacturers.

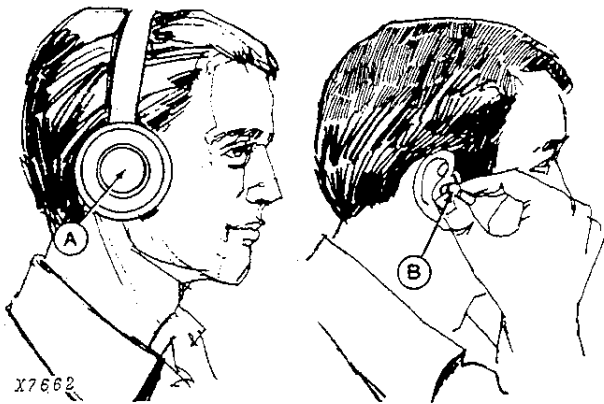


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## PROTECT AGAINST NOISE

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

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



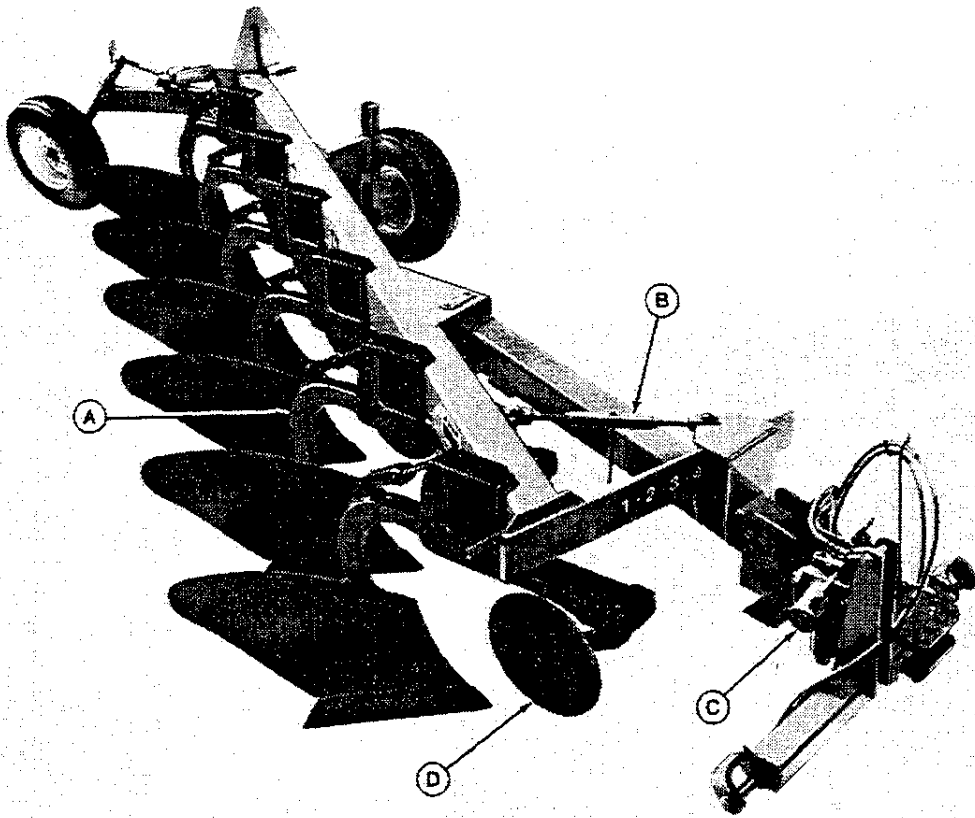
2-4

## DO NOT MODIFY PLOW

Unauthorized modifications to the machine may impair the function and/or safety and affect machine life.



# Identification View



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A—Safety-Trip Standard

B—Landing Turnbuckle

C—Steering Control Cylinder

D—Cushion Coulter

*John Deere 2600 6-Bottom Semi-Integral Moldboard Plow With Safety-Trip Standards*



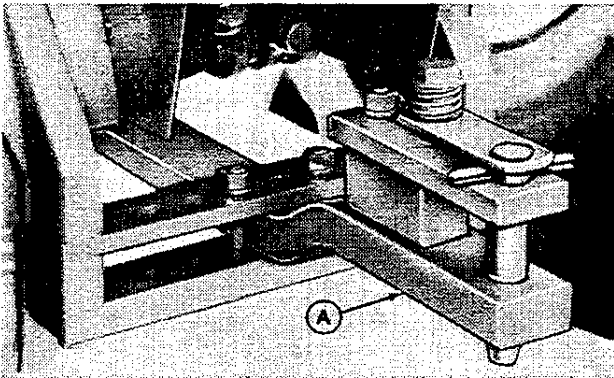
# Preparing the Tractor

## TIRE INFLATION

Inflate tractor tires as recommended in the tractor operator's manual.

6-8

## TRACTOR DRAWBAR



RWS847

Set tractor drawbar (A) in the short, high position.

## TRACTOR WHEEL SETTING

Set the rear wheels at 760 mm (30 in.) from the center line of the tractor to the inside of the tire.

Other tractor wheel settings can be used but the hitch crossbar must be adjusted accordingly. Moving the hitch crossbar one setting equals 75 mm (3 in.) difference in wheel tread.

If, for example, the tractor wheel setting is approximately 840 mm (33 in.), move the hitch crossbar one setting to the left. If the tractor wheel setting is approximately 685 mm (27 in.), move the hitch crossbar one setting to the right. For any wheel settings in between, move the hitch crossbar one setting as desired.

On wide-front-end tractors, to get proper field maneuverability when plowing with tractor wheel in furrow, set the front wheels to conform to the rear-wheel setting.

When contour plowing in the furrow, set the front wheels at least 50 mm (2 in.) wider than rear wheels. Measure dimension from center of tractor to inside edge of tire.



## BALLAST

### Front End Weighting (2 Wheel Drive Tractors)

The amount of front weight required is determined by field operating conditions and the gear in which the tractor is operated.

**CAUTION:** When the tractor is operated in lower gears, under 6.5 km/h (4 mph), maximum permissible front-end weighting is necessary to avoid front-end tip-up.

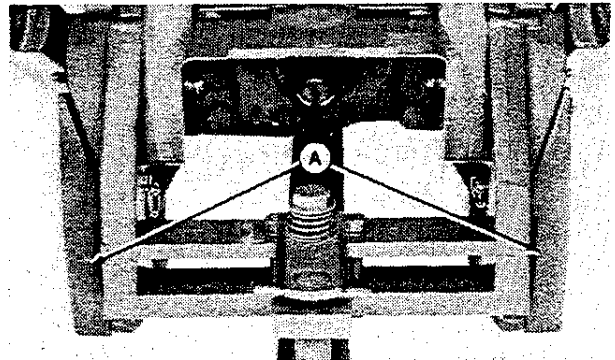
### Drive Wheel Weighting

Use wheel weights to eliminate excessive wheel slippage and for stability in rough or hillside fields. However, weights should not be added to the point where all slippage is eliminated. To do so hinders maximum performance of the tractor. See tractor operator's manual.

6-8

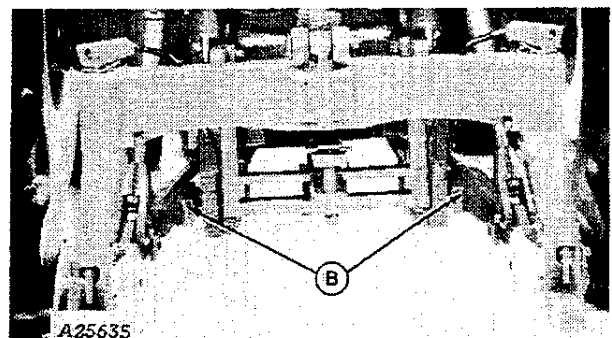
## SWAY BLOCKS

Mount the sway blocks (A) in the lower position to eliminate side sway while in the working position.



RW7165

On 4640, 4650, 4840 and 4850 tractors, set the draft link bumpers (B) with the thick side forward for Category 3 hitch setting.



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