2600, 2700 and 2800 Semi-Integral; 3600 and 3700 Drawn Moldboard Plows

JOHN DEERE

TECHNICAL MANUAL

2600, 2700 and 2800 Semi-Integral; 3600 and 3700 Drawn Moldboard Plows

TM1240 Issue K2 English

John Deere Harvester Works
TM1240 Issue K2

LITHO IN U.S.A.
ENGLISH

2600, 2700, AND 2800 SEMI-INTEGRAL; 3600 AND 3700 DRAWN MOLDBOARD PLOWS

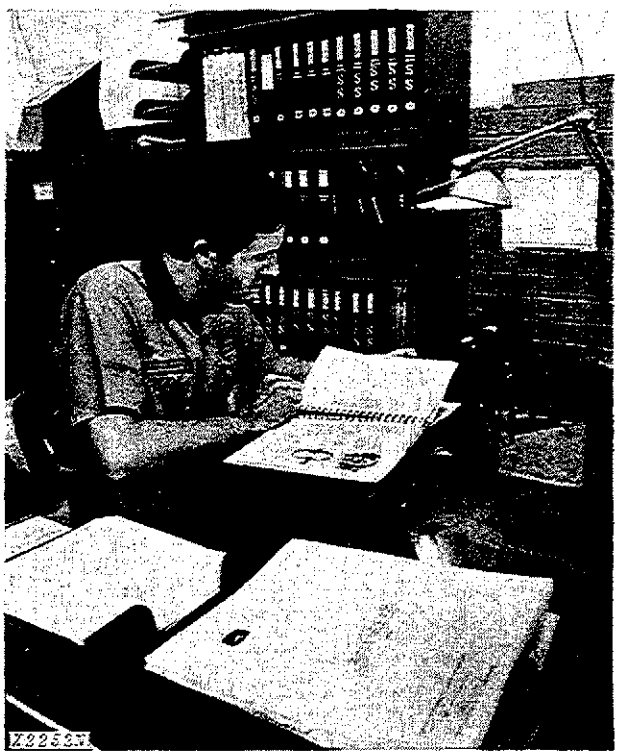
TECHNICAL MANUAL
TM-1240 (Nov-82)

CONTENTS

All information, illustrations and specifications contained in this manual are based on the latest information available at the time of publication. The right is reserved to make changes at any time without notice.

Because John Deere sells its products world-wide, U.S. units of measure are shown with their respective Metric equivalents throughout this technical manual. These equivalents are the SI (International System) Units of Measure.

INTRODUCTION



Use FOS Manuals for Reference

Use Technical Manuals for Actual Service

This technical manual is part of a twin concept of service:

- **FOS Manuals—for reference**
- **Technical Manuals—for actual service**

The two kinds of manuals work as a team to give you both the general background and technical details of shop service.

Fundamentals of Service (FOS) Manuals cover basic theory of operation, *fundamentals* of trouble shooting, *general* maintenance, and *basic* types of failures and their causes. FOS Manuals are for training new people and for reference by experienced technicians.

Technical Manuals are concise service guides for a *specific* machine. Technical manuals are on-the-job guides containing only the vital information needed by an experienced technician.

Some features of this technical manual:

- *Table of contents at front of manual*
- *Exploded views showing parts relationship*
- *Photos showing service techniques*

This technical manual was planned and written for you—an experienced technician. Keep it in a permanent binder in the shop where it is handy. Refer to it whenever in doubt about correct service procedures or specifications.

Using the technical manual as a guide will reduce error and costly delay. It will also assure you the best in finished service work.

⚠ 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.

SAFETY

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AVOID HIGH PRESSURE-FLUIDS

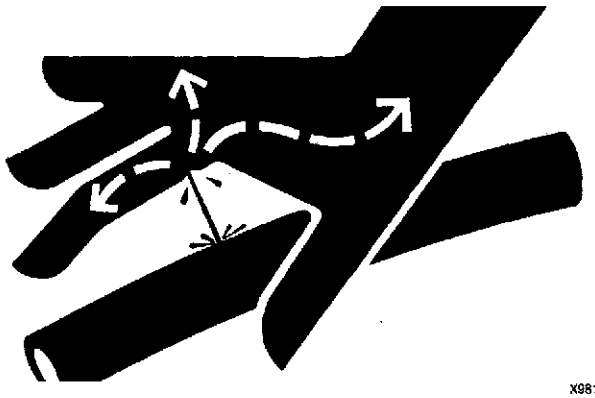

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Fig 1-Fluid Leak

Escaping fluid under pressure can 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.

Transport Safely

Use care when transporting across rough ground.

Pin the drawbar tightly during road transport to provide stability.

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

Grease, oil, or adjust the plow only when tractor engine is off and plow is in a stationary position.

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.

SERIAL NUMBERS

When ordering parts, always refer to the model and serial number.

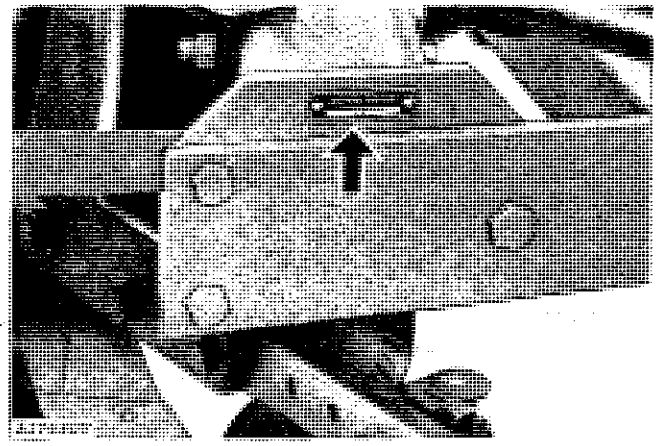

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Fig. 2-Serial Number

The serial number plate for all 2600 and 3600 Plows, and 4 and 5-bottom 2700 and 2800 Plows is located at the front of the main frame tube above the guide rail.

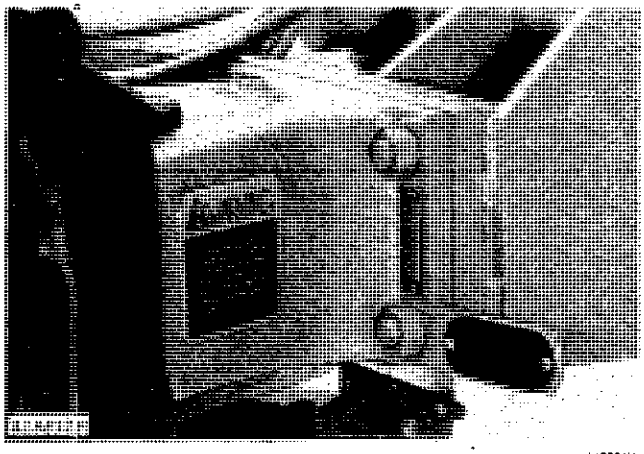

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Fig. 3-Serial Number

The serial number plate for 6-, 7-, and 8-bottom 2700 and 2800 Plows is located at the front of the main truss tube behind the guide rail.

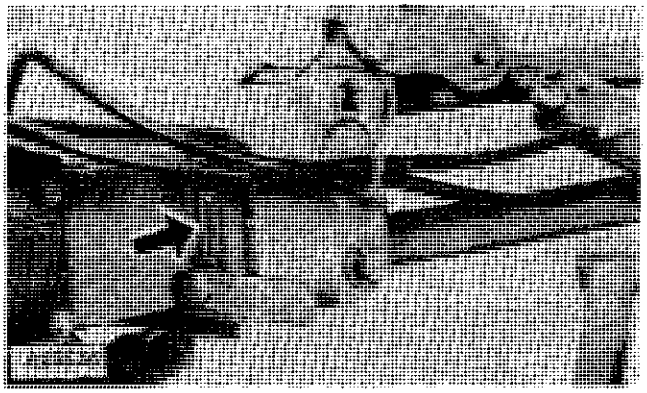

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Fig. 4-Serial Number

The serial number plate for 3700 Plows is located behind the front furrow wheel support.

BOLT TORQUES

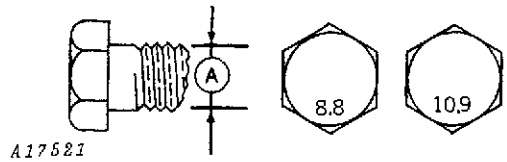

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Fig. 5-Bolt Torque

BOLT TORQUE CHART					
		Marking on Head			
Bolt Diameter "A"	Wrench Size Metric	8.8		10.9	
		N·m	(Lb-Ft)	N·m	(Lb-Ft)
5 mm	8 mm	6.5	(5)	9.2	(7)
6 mm	10 mm	11.1	(8)	15.6	(12)
8 mm	13 mm	27	(20)	38	(30)
10 mm	16 mm	53	(39)	75	(55)
12 mm	18 mm	93	(70)	130	(96)
16 mm	24 mm	230	(170)	325	(238)
20 mm	30 mm	450	(332)	635	(468)
24 mm	36 mm	780	(575)	1100	(811)
30 mm	46 mm	1550	(1143)	2180	(1608)

NOTE: Bolts having lock nuts with plated or wax finish should be tightened to approximately 50% of amounts shown in chart.

Torque bolts as specified in above chart except where noted. Keep bolts tight at all times. Loose bolts can cause breakage of parts. Check tightness of bolts periodically and keep them tightened to specified torques. When bolts are replaced, be sure they are replaced with bolts of equal strength.

Metric bolts furnished with the plow are identified by 8.8 or 10.9 on the head. These markings identify the strength of the bolt. Metric nuts are identified by 8 or 10 stamped on the top or bottom of the nut.

Thank you so much for reading.

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