

**Service Manual**

# **MF8200**

**Planter**

**Models: 8202 / 8222**



**VISION INNOVATION LEADERSHIP QUALITY RELIABILITY SUPPORT PRIDE COMMITMENT**



**MASSEY FERGUSON**

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# Massey Ferguson®

## 8202 / 8222 PLANTER

### SERVICE MANUAL

4283406M1

S/N:

HS AND UP

XXXXXXXXXXAH2XX101 AND UP

## CONTENTS

GENERAL INFORMATION .....	01
ROW UNIT .....	02
ELECTRICAL .....	03
FERTILIZER AND CHEMICAL SYSTEMS.....	04
HYDRAULIC .....	05
MAINFRAME .....	06
DRIVE CLUTCH.....	07
SECTION CONTROL.....	08
CONSOLE .....	09
ADJUSTMENTS.....	10
SEED METER AIR SYSTEM.....	11
TROUBLESHOOTING .....	12
INDEX .....	13

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**NOTES**

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**8202 / 8222 Planter**

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**01 - General Information**

**Contents**

General .....	01-5
Serial Number Plate Location .....	01-6
Serial Number Description (2009 and Prior) .....	01-6
Serial Number Description (2010 and up) .....	01-7
Safety Information .....	01-8
Preparation .....	01-8
Safety Alert Symbol .....	01-8
Safety Messages .....	01-8
Informational Messages .....	01-9
Safety Signs .....	01-9
A Word To The Operator .....	01-10
Wheel Lift Cylinder Stops .....	01-11
Marker Lockup Valves .....	01-12
Wing Latches .....	01-13
Top Link - Flex Frame .....	01-14
Servicing .....	01-15
General Operation and Service .....	01-15
General Maintenance .....	01-23
Tire Safety .....	01-24
Adjusting the Hitch .....	01-24
Drive Belts .....	01-25
Banded Drive Belt .....	01-25
Maintenance of Belts .....	01-26
Belt Changing Guides .....	01-27
Belt Sheave Alignment .....	01-29
Belt Run In Procedure .....	01-29
Belt Troubleshooting .....	01-30
Belt Problem and Wear Guide .....	01-30
Belt Speed Calculation Formulas .....	01-43
Roller Chains .....	01-44
Inspection of Drive Chains and Sprockets .....	01-44
Drive Chain Adjustment and Tightening .....	01-45
Drive Chain Sprocket and Idler Alignment .....	01-46
Drive Chain Elongation and Sprocket Wear .....	01-47
Normal Tooth Wear .....	01-48
Not Normal Tooth Wear .....	01-48
Worn Chain on New Sprockets .....	01-48
Drive Chain Service Tips .....	01-49
Chain Replacement .....	01-50
Cleaning and Lubricating Chains .....	01-51

# Contents

---

Drive Chain Lubrication .....	01-51
Drive Chain Lubricants .....	01-51
Good Drive Chain Lubrication .....	01-52
Roller Chain Drive Troubleshooting Guide .....	01-53
Electrical .....	01-56
General Information .....	01-56
Hydraulics .....	01-60
Hydraulic Cylinder Inspection .....	01-60
Tires and Wheels .....	01-61
Tire Pressure .....	01-61
Removing Wheel from machine and Removing Tire. ....	01-61
Tire Mounting .....	01-61
Maintenance of Tires .....	01-62
Bearing Replacement (Eccentric Self-Locking Collar) .....	01-63
Gib Key Removal and Installation .....	01-64
Torque Charts .....	01-65
Standard Torque Specifications .....	01-65
Metric Capscrew Markings and Torque Values .....	01-66
Metric Conversions .....	01-67
Fractions, Decimals, and Millimeters Conversion Chart .....	01-68
Decimal Equivalents of 8ths, 16ths, 32nds, and 64ths .....	01-73
Decimal Equivalents Of Letter Size Drills .....	01-74
Decimal Equivalents of Number Size Drills .....	01-75
Tap Drill Sizes - S.A.E. & Metric .....	01-77
American Standard Pipe Thread and Tap Drill Sizes .....	01-81
Electrical Formulas .....	01-82
Amperes (Current Flow) .....	01-82
Volts (Electromotive Force) .....	01-82
Ohms (Resistance) .....	01-82
Watts .....	01-82
Horsepower .....	01-82
Geometrical Formulas .....	01-82
Circumference of a Circle .....	01-82
Area of a Circle .....	01-82
Volume of a Cylinder .....	01-82
Volume of a Sphere .....	01-82
Area of a Triangle .....	01-82
Metric to Imperial and Imperial to Metric Conversion Factors .....	01-82
Measures of Temperature .....	01-82
Measures of Power .....	01-82
Measures of Pressure .....	01-82
Measures of Length .....	01-83
Measures of Area .....	01-83
Measures of Volume (Dry) .....	01-84
Measures of Volume (Liquid) .....	01-84
Measures of Mass (Weight) .....	01-85
Measures of Effort (Torque) .....	01-85
Reference Tables .....	01-86
Installation Instructions .....	01-87
Specifications .....	01-88
Frame .....	01-88
8202 Rigid .....	01-88
8222 Flex .....	01-88
Row Units .....	01-89
Hydraulic System .....	01-89
Air System .....	01-89
Section Control Switch Box .....	01-89
Pneumatic Down Pressure .....	01-90
Transmissions .....	01-90
Shear Pins .....	01-90
Monitor .....	01-90
Highway Lamps .....	01-90
Approximate Shipping Weights .....	01-90

## Contents

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Tractor Requirements .....	01-90
Maximum Speed .....	01-91

**NOTES**

## GENERAL INFORMATION

### GENERAL



**FIG. 1**

**FIG. 1:** Model 8222 Horizontal Wing Fold Planter

Horizontal Wing Fold Planters use forward folding frame designs, providing narrow transport widths for pull-type 12-row models. The planter is a good selection for customers with no-till or reduced-tillage operations. All models are available with rigid or flexible frames.

The models include:

Model 8202	12-Row, 30 inch	Rigid Frame
Model 8222	12-Row, 30 inch	Flex Frame

The planters use row units with positive air metering for accurate seed spacing.

This manual contains information necessary for the correct adjustment and safe operation of your planter. Read the manual carefully.



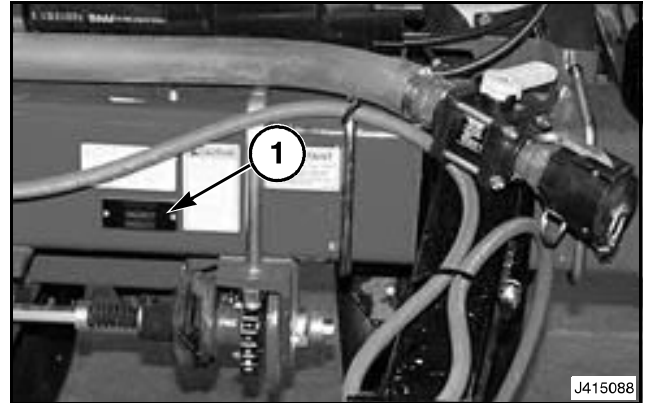
**WARNING:** Pictures in this manual may show protective shields and guards opened or removed for illustration purposes. Be sure all shields and guards are in place during operation.

This manual was prepared from the latest information available at publication time. The Company reserves the right to make changes at any time without notice or obligation.

## General Information

### SERIAL NUMBER PLATE LOCATION

**FIG. 2:** The serial number plate (1) is located on the left end of the frame.



**FIG. 2**

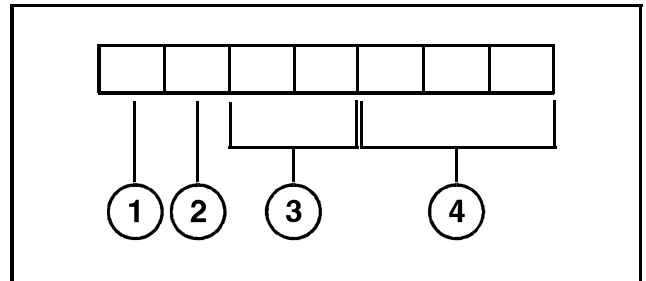
### Serial Number Description (2009 and Prior)

**FIG. 3:** Description of the serial number for model year 2009 and prior.

- (1) Plant Code
- (2) Model Year Code

Year Code	Year Built	Year Code	Year Built
J	2000	P	2005
K	2001	R	2006
L	2002	S	2007
M	2003	T	2008
N	2004	U	2009

- (3) Family Code
- (4) Unit Number for the Year



**FIG. 3**

Serial Number Description (2010 and up)

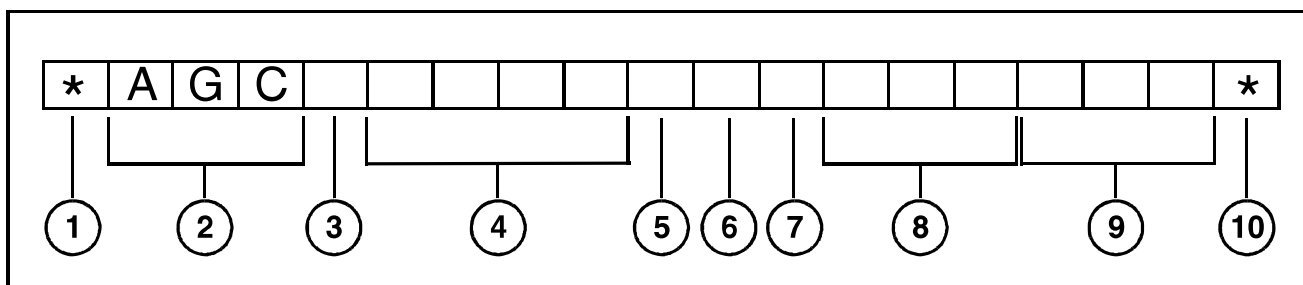


FIG. 4

**FIG. 4:** Description of the serial number for model year 2010 and up.

- (1) Beginning symbol
- (2) World Manufacturer Code
- (3) Brand Code
- (4) Model Identifier (Model number)
- (5) Check Letter (0 or used if model identifier is five digits)
- (6) Model Year Code (A=2010, B=2011, C=2012, and on)
- (7) Plant Code
- (8) Family Code
- (9) Unit Number for the Year
- (10) Ending symbol

*NOTE: For serial number breaks in this manual, only the information from the model year code and following will be given.*

## General Information

---

### SAFETY INFORMATION



This is the safety alert symbol. The safety alert symbol will direct your attention to information that involves your safety.

Read and understand all safety information in the machine operator's manual before continuing with these instructions.

### PREPARATION

Clean oil, dirt, and crop material from the area on the machine where the work is to be done.

### SAFETY ALERT SYMBOL

**FIG. 5:** The safety alert symbol means ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED!

Look for the safety alert symbol both in this manual and on safety signs on this machine. The safety alert symbol will direct your attention to information that involves your safety and the safety of others.

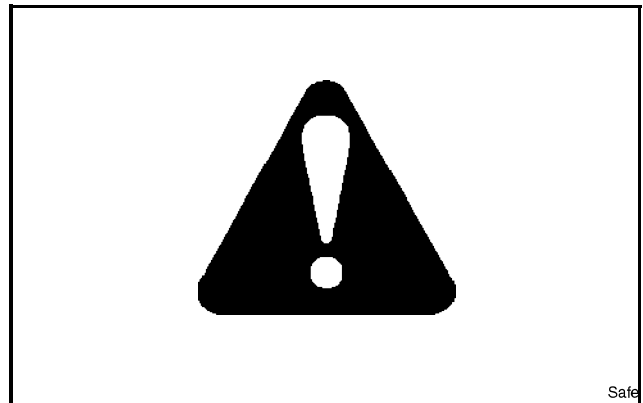


FIG. 5

### SAFETY MESSAGES

**FIG. 6:** The words DANGER, WARNING or CAUTION are used with the safety alert symbol. Learn to recognize these safety alerts and follow the recommended precautions and safety practices.



**DANGER:** Indicates an imminently hazardous situation that, if not avoided, will result in DEATH OR VERY SERIOUS INJURY.



**WARNING:** Indicates a potentially hazardous situation that, if not avoided, could result in DEATH OR SERIOUS INJURY.



**CAUTION:** Indicates a potentially hazardous situation that, if not avoided, may result in MINOR INJURY.



FIG. 6

### INFORMATIONAL MESSAGES

The words IMPORTANT and NOTE are not related to personal safety, but are used to give additional information and tips for operating or servicing this equipment.

*IMPORTANT: Identifies special instructions or procedures which, if not strictly observed, could result in damage to or destruction of the machine, process, or its surroundings.*

*NOTE: Identifies points of particular interest for more efficient and convenient repair or operation.*

### SAFETY SIGNS



**WARNING: DO NOT remove or obscure safety signs. Replace any safety signs that are not readable or are missing. Replacement signs are available from your dealer in the event of loss or damage. The actual location of the safety signs is illustrated at the end of this section.**

If a used machine has been purchased, make sure all safety signs are in the correct location and can be read.

Replace any safety signs that can not be read or are missing. Replacement safety signs are available from your dealer.

## General Information

### A WORD TO THE OPERATOR

**FIG. 7:** It is YOUR responsibility to read and understand the safety section in this manual and the manual for all attachments before operating this machine. Remember YOU are the key to safety. Good safety practices not only protect you, but also the people around you.

Study the features in this manual and make them a working part of your safety program. Keep in mind that this safety section is written only for this type of machine. Practice all other usual and customary safe working precautions, and above all REMEMBER - SAFETY IS YOUR RESPONSIBILITY. YOU CAN PREVENT SERIOUS INJURY OR DEATH.

This safety section is intended to point out some of the basic safety situations that may be encountered during the normal operation and maintenance of your machine. This section also suggests possible ways of dealing with these situations. This section is NOT a replacement for other safety practices featured in other sections of this manual.

Personal injury or death may result if these precautions are not followed.

Learn how to operate the machine and how to use the controls properly.

Do not let anyone operate the machine without instruction and training.

For your personal safety and the personal safety of others, follow all safety precautions and instructions found in the manuals and on safety signs affixed to the machine and all attachments.

Use only approved attachments and equipment.

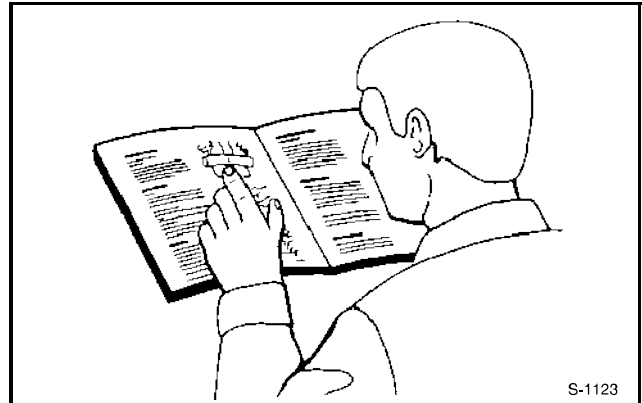
Make sure your machine has the correct equipment needed by the local regulations.



**WARNING:** An operator should not use alcohol or drugs which can affect their alertness or coordination. An operator on prescription or 'over the counter' drugs needs medical advice on whether or not they can properly operate machines.




**CAUTION:** If any attachments used on this equipment have a separate Operator Manual, see that manual for other important safety information.




**FIG. 7**

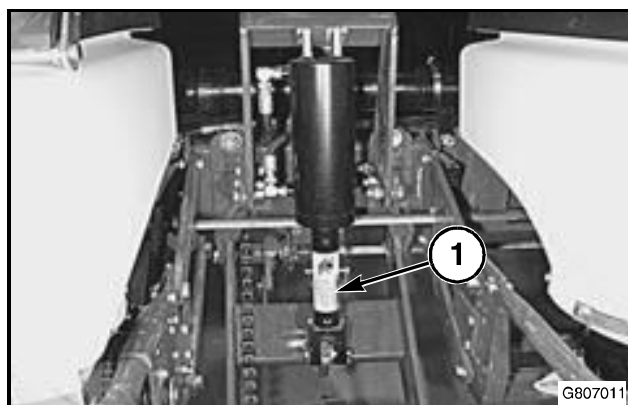
### WHEEL LIFT CYLINDER STOPS

 **WARNING:** Install wheel lift cylinder stops in the storage positions when not in use.

 **WARNING:** To avoid walking under raised planter, wheel lift cylinder stops must be installed when planter is unfolded.

 **WARNING:** Always install wheel lift cylinder stops when working under or around planter and when transporting planter.

**FIG. 8:** With the planter fully raised, install wheel lift cylinder stops (1) on wheel lift cylinders. Install pin through each wheel lift cylinder stop.



**FIG. 8**

**FIG. 9:** Wheel lift cylinder stops (1) in the storage position. Install pin through each wheel lift cylinder stop.



**FIG. 9**

## General Information

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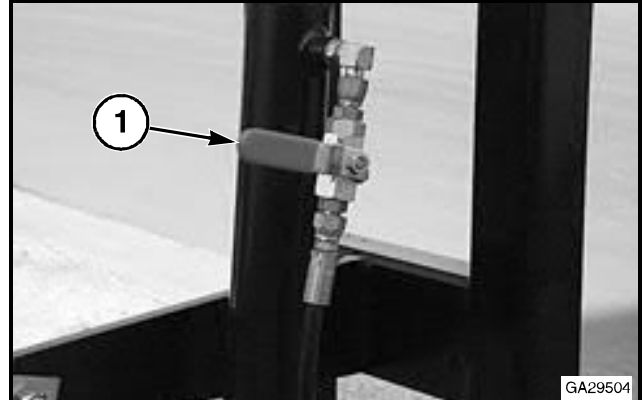
### MARKER LOCKUP VALVES



**WARNING:** Always lock up markers in raised and folded position when working around, storing or transporting planter.

**FIG. 10:** With markers fully raised, turn marker lockup valves to lockup (closed) position to stop fluid flow to marker lift cylinders.

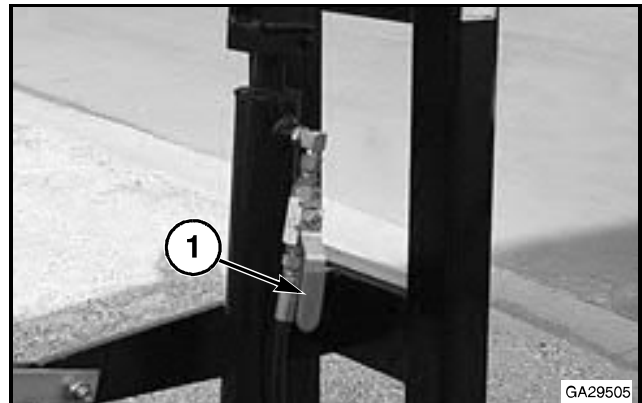
The marker lockup valve (1) is in the closed position.



**FIG. 10**

**FIG. 11:** To operate markers, turn marker lockout valves to operating (open) position.

The marker lockup valve (1) is in the open position.



**FIG. 11**



**Suggest:**

**For more complete manuals. Please go to the home page.**

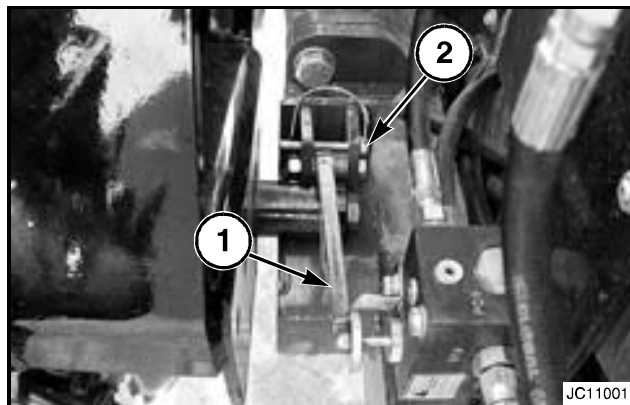
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### WING LATCHES

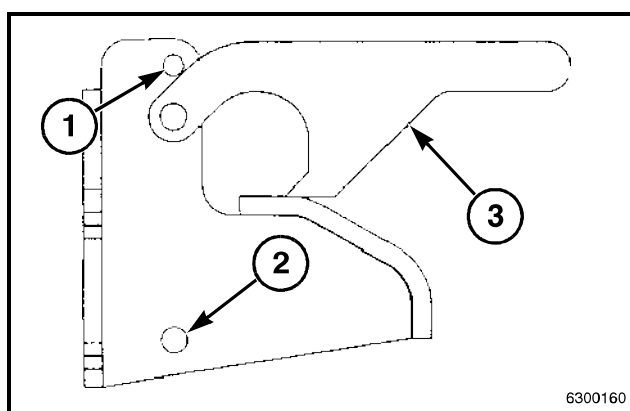
**FIG. 12:** When the planter wings are folded and latches (1) are engaged, install pins (2) to keep latches closed. When wings are unfolded, keep pins in storage holes.



**FIG. 12**

**FIG. 13:** Lock Pin Locations

- (1) Locked Position
- (2) Storage Position
- (3) Latch



**FIG. 13**

## General Information

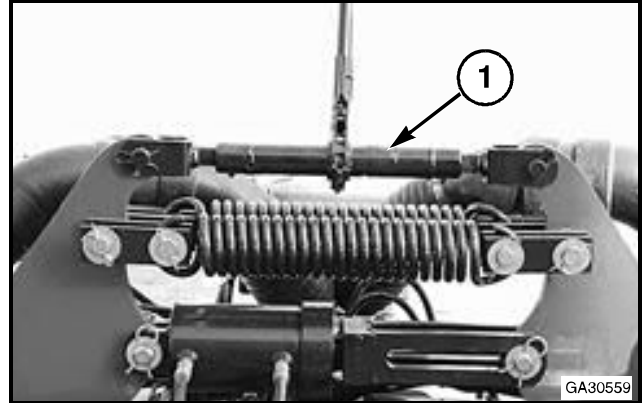
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### TOP LINK - FLEX FRAME



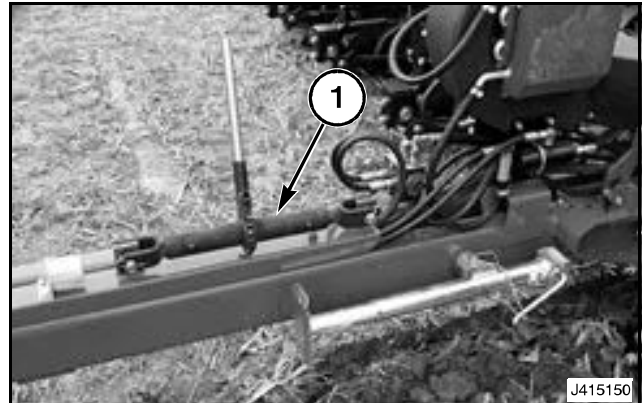
**WARNING:** Always install top link when servicing, storing, or transporting the planter.

**FIG. 14:** With the planter fully raised, install top link (1) with pins and pin clips.



**FIG. 14**

**FIG. 15:** During field operation, store top link (1) on hitch frame hose channel.



**FIG. 15**

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