

Service Manual

MF8200

**Planter
Models: 8202 / 8222**



VISION INNOVATION LEADERSHIP QUALITY RELIABILITY SUPPORT PRIDE COMMITMENT



MASSEY FERGUSON

Massey Ferguson®
8202 / 8222 PLANTER

SERVICE MANUAL
4283406M1

S/N:
HS AND UP
XXXXXXXXXXAH2XX101 AND UP

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NOTES

GENERAL INFORMATION

GENERAL



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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.

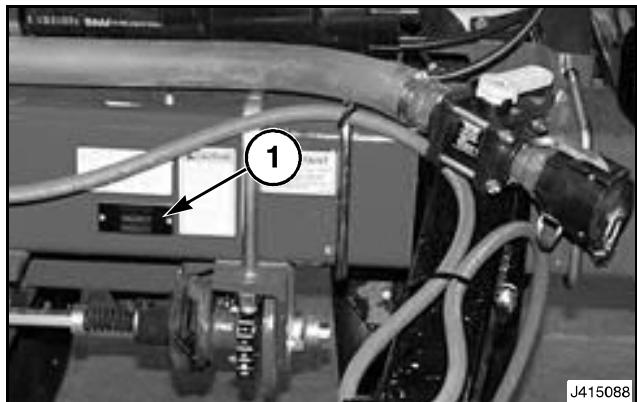


FIG. 2

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
J	2000
K	2001
L	2002
M	2003
N	2004

Year Code	Year Built
P	2005
R	2006
S	2007
T	2008
U	2009

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

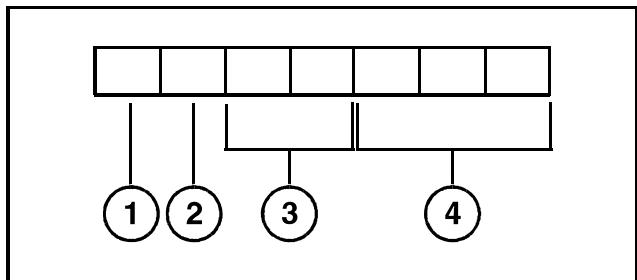


FIG. 3

Serial Number Description (2010 and up)

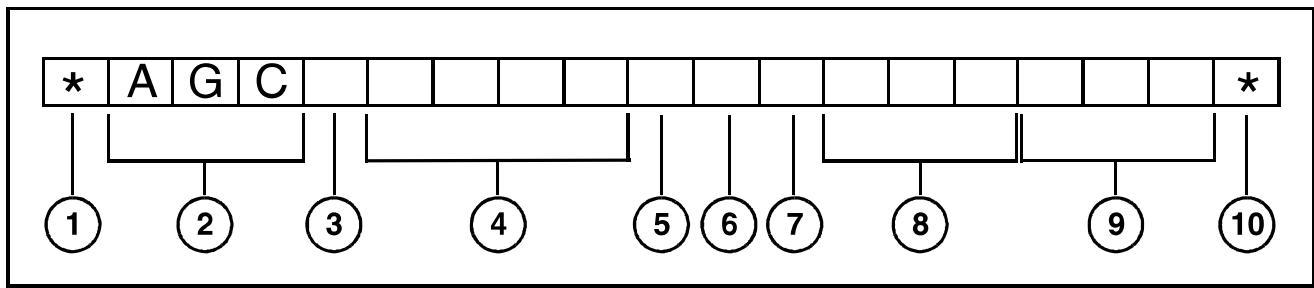


FIG. 4

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.

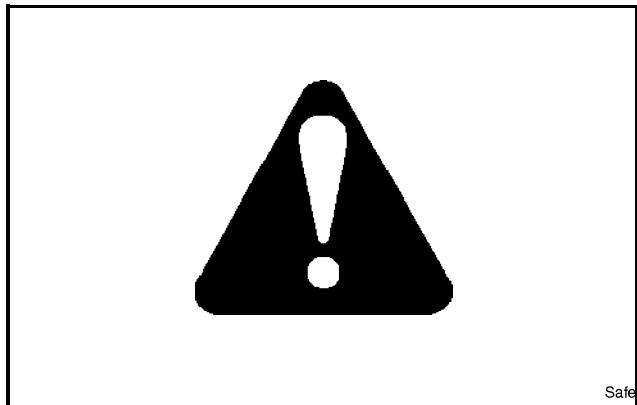


FIG. 5

Safe

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

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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.

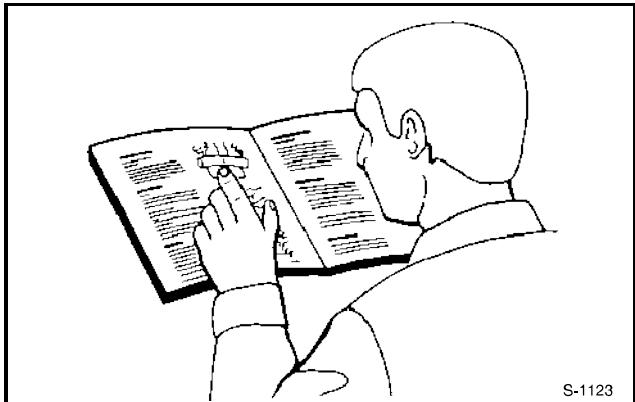


FIG. 7

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.

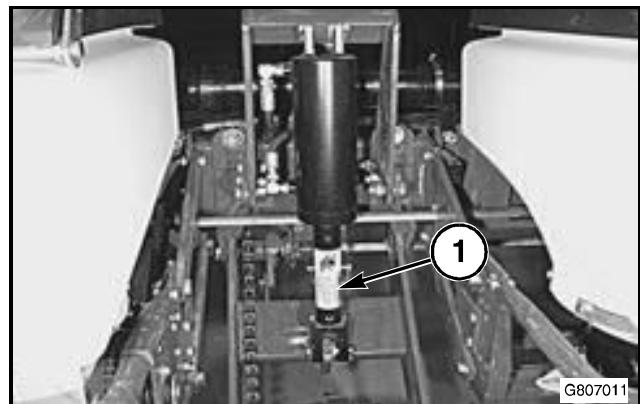


FIG. 8

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



FIG. 9

General Information

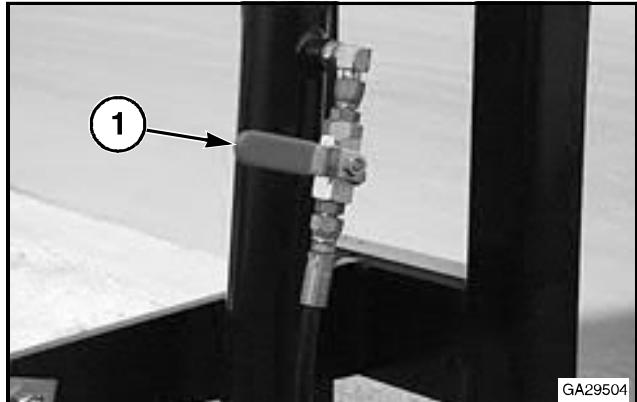
MARKER LOCKUP VALVES



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.

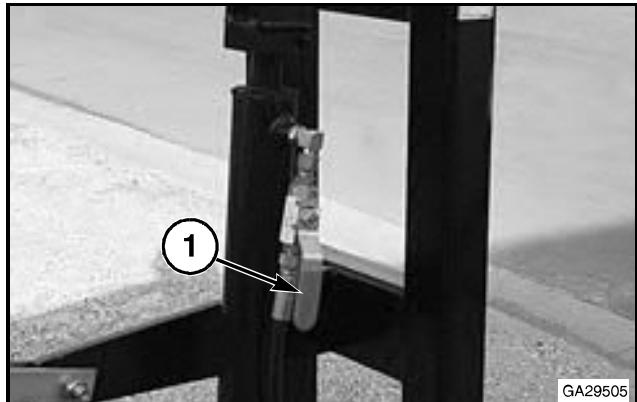


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FIG. 10

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

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

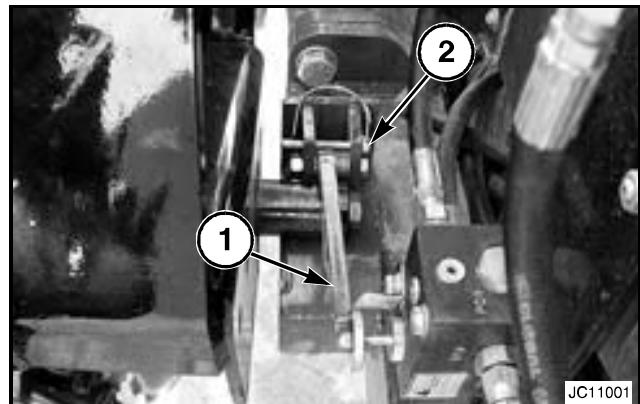


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FIG. 11

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.

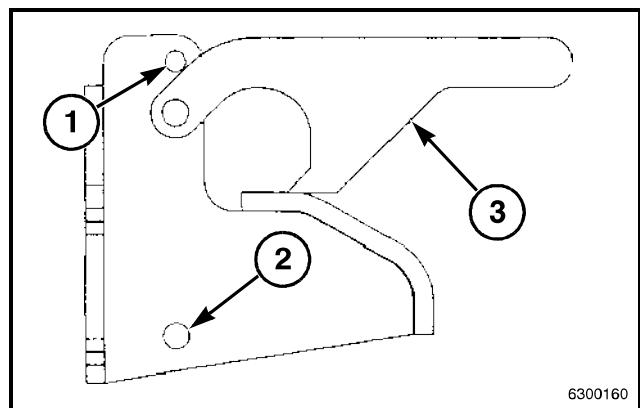


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FIG. 12

FIG. 13: Lock Pin Locations

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



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FIG. 13

General Information

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.

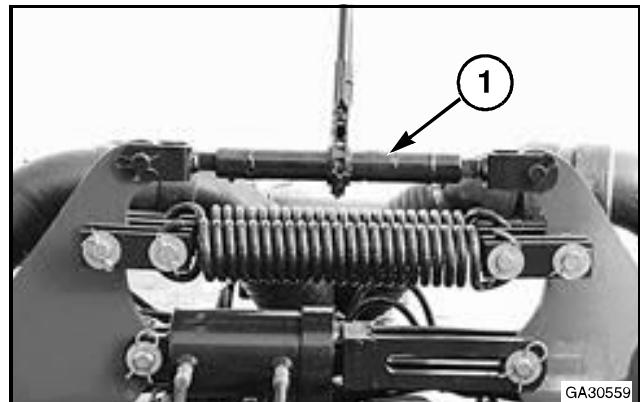


FIG. 14

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

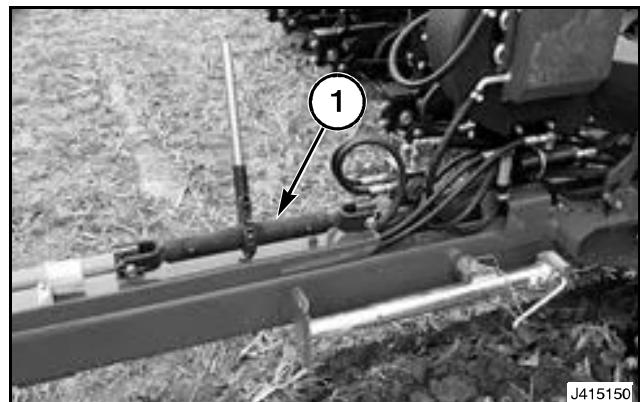


FIG. 15

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