

1217 and 1219 Mower- Conditioners

(765001-)

John Deere Ottumwa Works
OME80055 Issue G9
(This manual replaces OM-E75030 Issue G5)
LITHO IN U.S.A.
ENGLISH

Introduction

READ THIS MANUAL carefully to learn how to operate and service your machine correctly. 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.

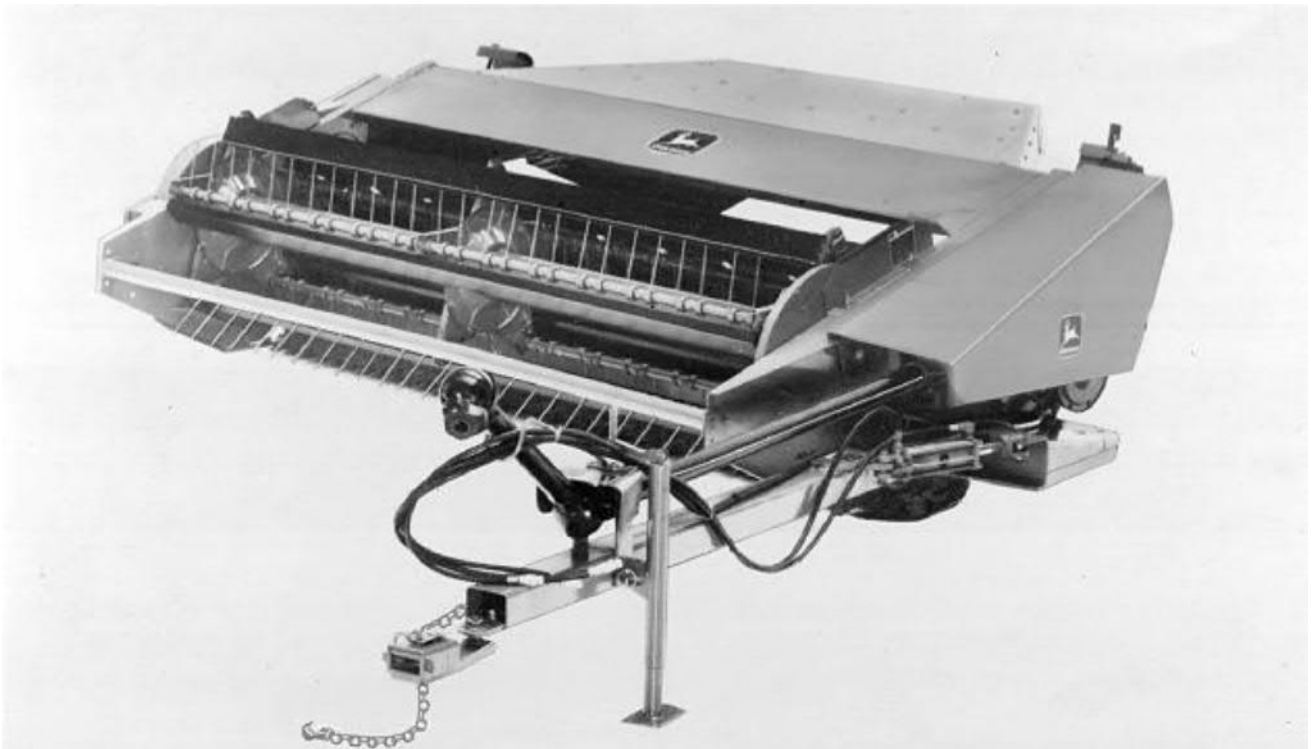
RIGHT-HAND AND LEFT-HAND sides are determined by facing in the direction the implement will travel when going forward.

WRITE PRODUCT IDENTIFICATION NUMBERS in the Specifications section. Accurately record all the numbers to help in tracing the machine should it be stolen. Your dealer also needs these numbers when you order parts. If this manual is kept on the machine, also file the identification numbers in a secure place off the machine.

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 warranty is explained on the warranty certificate which you should have received from your dealer.

This warranty provides you the assurance that John Deere will back its products where defects appear within the warranty period. In some circumstances, John Deere also provides field improvements, often without charge to the customer, even if the product is out of warranty. Should the equipment be abused, or modified to change its performance beyond the original factory specifications, the warranty will become void and field improvements may be denied. Setting fuel delivery above specifications or otherwise overpowering machines will result in such action.

THE TIRE MANUFACTURER'S warranty supplied with your machine may not apply outside the U.S.



John Deere 1219 Mower-Conditioner

E25575
-UN-20JUN89

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All information, illustrations and specifications 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.

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Safety

RECOGNIZE SAFETY INFORMATION

This is the safety-alert symbol. When you see this symbol on your machine or in this manual, be alert to the potential for personal injury.

Follow recommended precautions and safe operating practices.



O53,ALERT -19-16JUN87

T81389 -UN-07DEC88

UNDERSTAND SIGNAL WORDS

A signal word—DANGER, WARNING, or CAUTION—is used with the safety-alert symbol. DANGER identifies the most serious hazards.

Safety signs with signal word DANGER or WARNING are typically near specific hazards.

General precautions are listed on CAUTION safety signs. CAUTION also calls attention to safety messages in this manual.



O53,SIGNAL -19-07OCT85

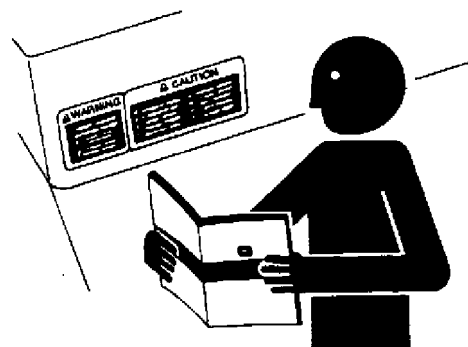
TS187 -19-30SEP88

FOLLOW SAFETY INSTRUCTIONS

Carefully read all safety messages in this manual and on your machine safety signs. Keep safety signs in good condition. Replace missing or damaged safety signs.

Learn how to operate the machine and how to use controls properly. Do not let anyone operate without instruction.

Keep your machine in proper working condition. Unauthorized modifications to the machine may impair the function and/or safety and affect machine life.



O53,READ -19-23APR87

TS201 -UN-23AUG88



OPERATE MOWER CONDITIONER SAFELY

Clear obstructions off machine when machine is shut off and all moving parts have stopped.

Never hand feed material into machine.

Always operate machine at rated speed.

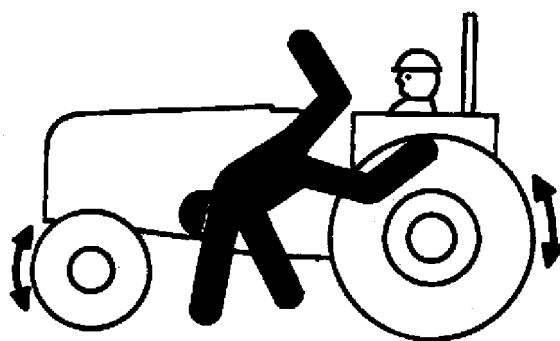
Drive slowly over rough ground.

EX,OM1217C,A -19-15JUN89

KEEP RIDERS OFF MACHINE

Only allow the operator on the machine. Keep riders off.

Riders on machine are subject to injury such as being struck by foreign objects and being thrown off of the machine. Riders also obstruct the operator's view resulting in the machine being operated in an unsafe manner.



O53,RIDER -19-03MAY88

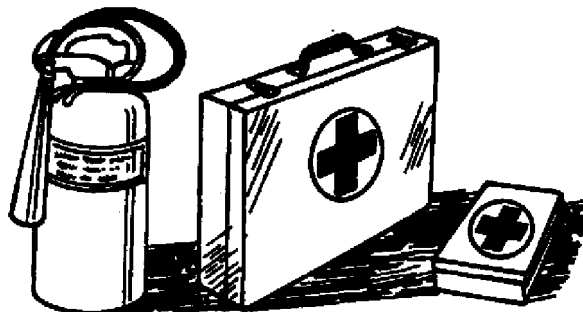
TS290 -UN-23AUG88

PREPARE FOR EMERGENCIES

Be prepared if a fire starts.

Keep a first aid kit and fire extinguisher handy.

Keep emergency numbers for doctors, ambulance service, hospital, and fire department near your telephone.



O53,FIRE2 -19-03MAR88

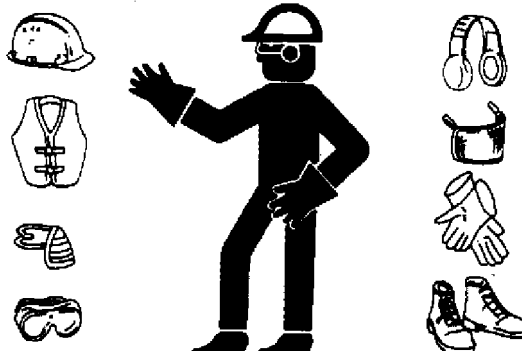
TS291 -UN-23AUG88

WEAR PROTECTIVE CLOTHING

Wear close fitting clothing and safety equipment appropriate to the job.

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

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



O53,WEAR -19-23APR87

TS206 -UN-23AUG88



STAY CLEAR OF ROTATING DRIVELINES

Entanglement in rotating driveline can cause serious injury or death.

Keep tractor master shield and driveline shields in place at all times. Make sure rotating shields turn freely.

Wear close fitting clothing. Stop the engine and be sure PTO driveline is stopped before making adjustments, connections, or cleaning out PTO driven equipment.



O53,PTO

-19-16JUN87

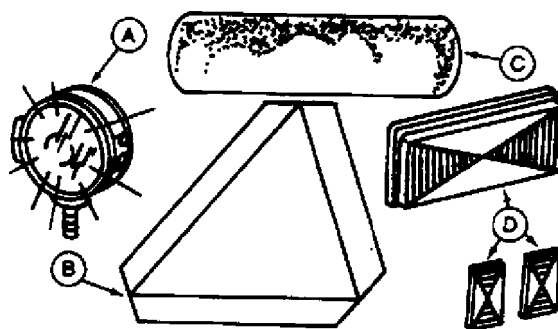
TS198
-UN-23AUG88

USE SAFETY LIGHTS AND DEVICES

When transporting your machine on a road or highway at night or during the day, use necessary safety lights. Check local governmental regulations. A safety lighting kit is available from you John Deere dealer.

Keep safety items in good condition. Replace missing or damaged items.

- A—Lights
- B—Slow Moving Vehicle Emblem
- C—Reflector Tape
- D—Reflectors



O53,WARN

-19-07JAN88

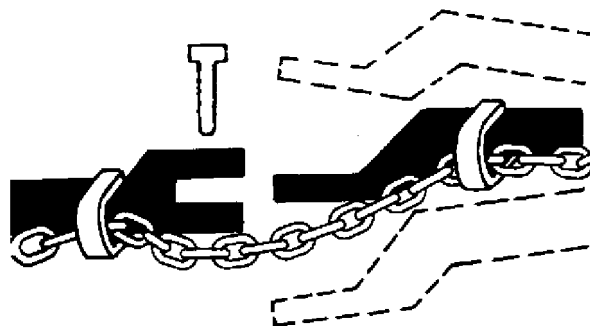
N36564
-UN-10FEB89

USE A SAFETY CHAIN

A safety chain will help control drawn equipment should it accidentally separate from the drawbar.

Using the appropriate adapter parts, attach the chain to the tractor drawbar support or other specified anchor location. Provide only enough slack in the chain to permit turning.

See your John Deere dealer for a chain with a strength rating equal to or greater than the gross weight of the towed machine. Do not use safety chain for towing.



O53,CHAIN

-19-17DEC87

TS217
-UN-23AUG88



PRACTICE SAFE MAINTENANCE

Understand service procedure before doing work. Keep area clean and dry.

Never lubricate or service machine while it is moving. Keep hands, feet, and clothing from power-driven parts. Disengage all power and operate controls to relieve pressure. Lower equipment to the ground. Stop the engine. Remove the key. Allow machine to cool.

Securely support any machine elements that must be raised for service work.

Keep all parts in good condition and properly installed. Fix damage immediately. Replace worn or broken parts. Remove any buildup of grease, oil, or debris.

Disconnect battery ground cable (-) before making adjustments on electrical systems or welding on machine.



O53,SERV -19-21DEC87

TS218 -UN-23AUG88

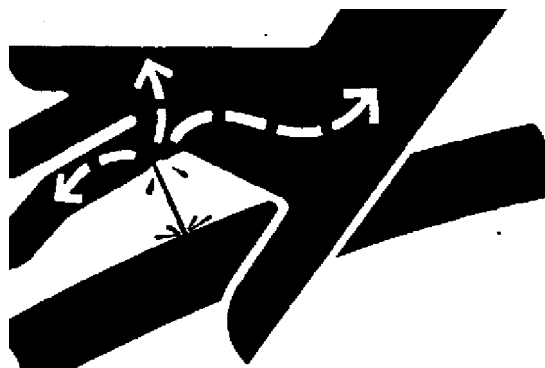
AVOID HIGH-PRESSURE FLUIDS

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 may call the Deere & Company Medical Department in Moline, Illinois, or other knowledgeable medical source.



O53,FLUID -19-01DEC88

X9811 -UN-23AUG88

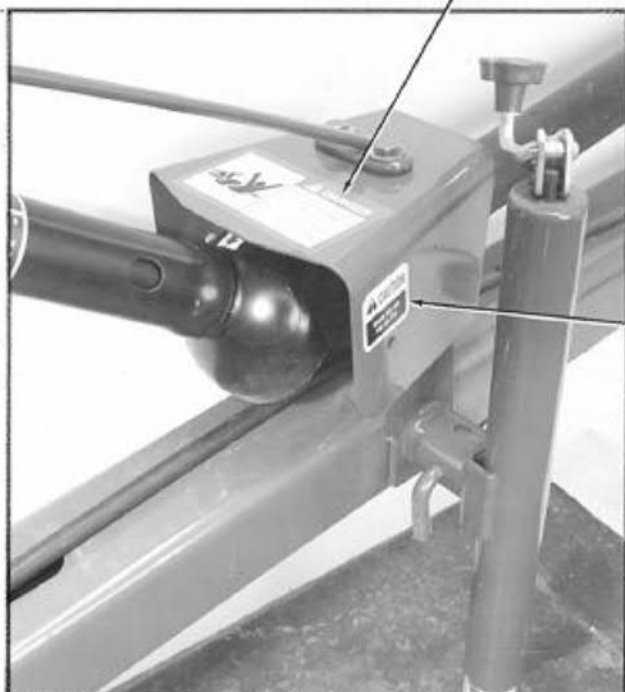




! DANGER

Entanglement in rotating driveline can cause serious injury or death.

Keep all shields in place.
Avoid contact with rotating parts.



! CAUTION

Operate only with
540 rpm PTO

AD

E33405 -19-11JUL89

EX,OM1217C,B -19-15JUN89



WARNING

See instructions in operator's manual for adjusting conditioner roll gap.

To avoid bodily injury while performing this adjustment:

1. Keep all shields in place.
2. Lower machine to ground.
3. Position tongue in field position.
4. Reduce tractor throttle to minimum.
5. Keep hands, feet and clothing away from moving parts.



CAUTION

1. Keep all shields in place.
2. Disengage and shut off all engine and/or motor power before servicing or unclogging machine.
3. Keep hands, feet, and clothing away from power-driven parts.

AD

EX,OM1217C,D -19-15JUN89

E33407 -19-11JUL89



WARNING

Tongue position changes may occur rapidly with hydraulic control. Avoid personal injury or machine damage.

By:

Placing hydraulic flow control in "slow" position. If tractor does not have flow control, install an A-26112 Restrictor at one end of the cylinder fittings.

PD

EX,OM1217C,E -19-15JUN89

E33408 -19-11JUL89

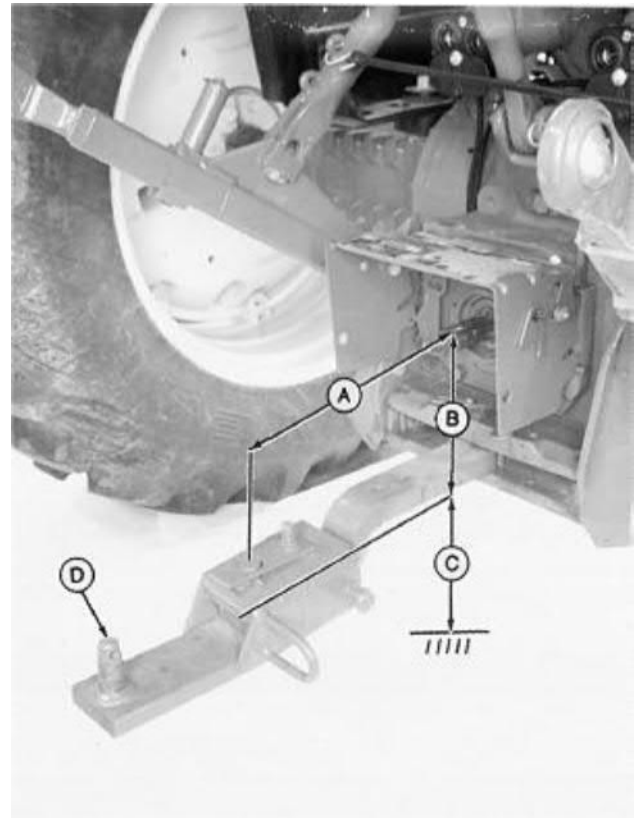
Preparing the Tractor

ADJUSTING TRACTOR DRAWBAR

IMPORTANT: Before attaching mower-conditioner to the tractor, be sure to adjust tractor drawbar so it measures 14-in. (356 mm) from the end of the power take-off shaft to the hitch pin hole in the drawbar (A). Replace all shields removed.

Vertically align the drawbar hitch pin hole with the centerline of the tractor power take-off shaft. Set the drawbar to the following dimensions.

- A—14-in. (356 mm)
540 rpm
16-in. (406 mm)
1000 rpm
- B—6 to 12 in.
(152 to 305 mm)
- C—13 to 20 in.
(330 to 508 mm)
to ground
- D—Equal Angle Hitch



EX_OM1217V,A -19-16JUN89

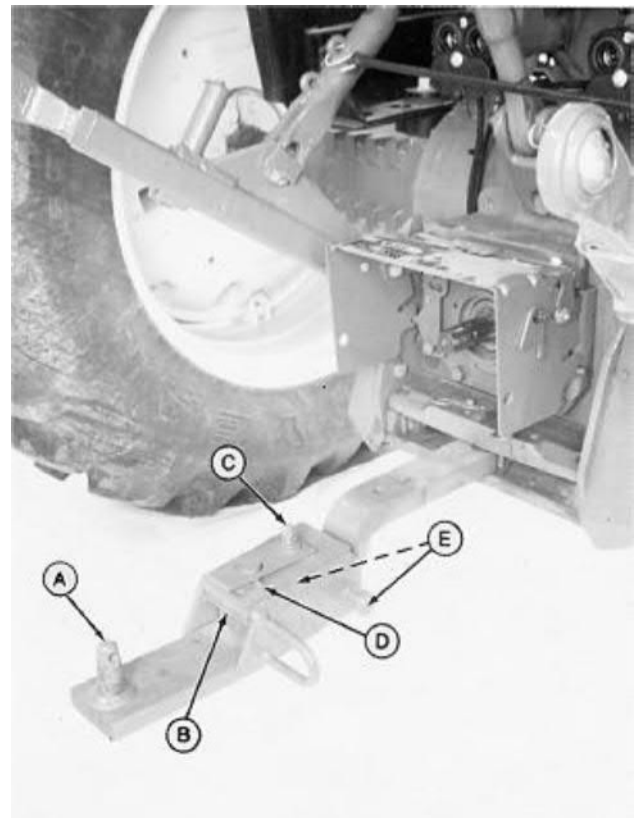
E33411 -UN-20JUN89

NOTE: Two bushings (C) are included with the hitch, if needed. Use largest bushing required to fit in hole.

Fasten using two cap screws (A and B), washers (E), and castellated nuts.

Use washers (E) as required to locate hole in castellated nuts. Tighten nuts to 185 lb-ft (244 N·m).

- A—5/8 x 4-1/2 in.
Cap Screw
- B—1 x 4-1/2 in.
Cap Screw
- C—Bushings
- D—Pins
- E—Washers



EX_OM1217V,B -19-16JUN89

E33412 -UN-20JUN89

TRACTOR BALLAST

Provide sufficient weight to stabilize the tractor when operating on hilly land or other adverse conditions. See your tractor operator's manual.

EX,OM1217V,C -19-16JUN89

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