

135 Draper Platform 35 and 65 Hay Conditioners



OPERATORS MANUAL 135 Draper Platform 35 and 65 Hay Conditioners

OME70752 E2 English

John Deere Ottumwa Works
OME70752 E2

LITHO IN U.S.A.
ENGLISH



INTRODUCTION



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.



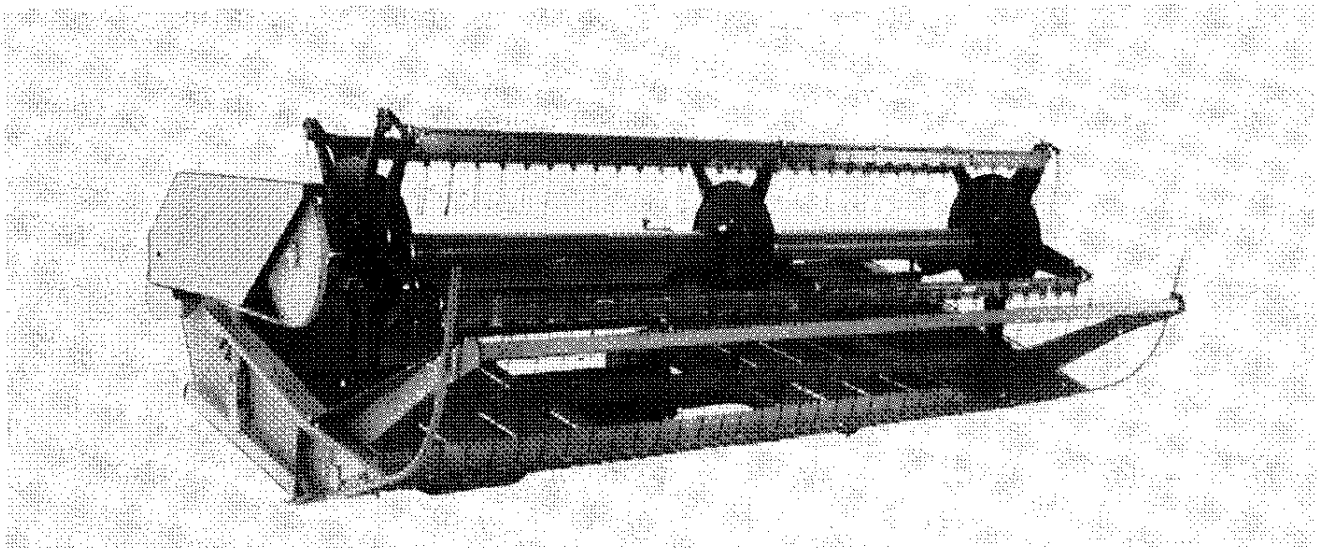
Worldwide symbols are used to assist identification and operation. In this manual, an identifying symbol is placed by the instructions like the example at left for the symbol on the engine oil pressure gauge. The cylinder block in the symbol represents the engine, the drop signifies oil, and the arrows indicate pressure. Regardless of the language used in a nation, this symbol means engine oil pressure without translation.

This operator's manual contains SI Metric equivalents which follow immediately after the U.S. customary units of measure.

"Right-hand" and "left-hand" sides are determined by facing in the direction the platform will travel when in use.

Record your platform model and serial numbers in the specification section.

Your warranty appears on your copy of the purchase order copy which you should have received from your dealer.



John Deere 135 Draper Platform — 12 Foot (3 658 mm)

Predelivery Check List

PREDELIVERY CHECK LIST

After the draper platform has been completely assembled, inspect it to be sure it is in good running order before delivering it to the customer. The following check list is a reminder of points to inspect. Check off each item as it is found satisfactory or after proper adjustment is made.

- ☐ All grease fittings have been lubricated and gear cases filled. See Lubrication and Maintenance Section.
- ☐ All moving parts are working freely.
- ☐ Remove shipping plug from cutterbar drive case and install breather plug. Check knife drive case mounting bolts and knife drive arm nut torque.
- ☐ Remove shipping plug from platform distribution case and install breather.

(Date Set-Up)

- ☐ Check tension of all belts and adjust if necessary.
- ☐ Check all chains for proper installation and adjustment.
- ☐ Check reel speed and position. See Reel Drive Adjustments Section.
- ☐ Platform has been run for one-half hour and bearings are not heating.

(Signature of Set-Up Technician)

135DPD/A/160482

DELIVERY CHECK LIST

At the time the draper platform is delivered, the following check list is a reminder of very important information which should be conveyed directly to the customer. Check off each item as it is fully explained to the customer.

- ☐ Advise the customer that the life expectancy of this or any other machine is dependent on regular lubrication as described in the operator's manual.
- ☐ Advise the customer of the safety precautions that must be exercised while using this platform. See Safety Section.
- ☐ Give the operator's manual to the customer and explain all operating adjustments and lubrication fully.

- ☐ Advise the customer of the optional attachments that are available for special crop and operating conditions.

(Date Delivered)

(Signature)

135DPD/B/160482

After-Sale Check List

AFTER-SALE CHECK LIST

It is suggested the following items be checked sometime during the first operating season.

- | | |
|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> Go over the entire machine and check for loose or missing bolts. | <input type="checkbox"/> Check for broken or damaged parts. |
| <input type="checkbox"/> Check chains and belts for proper tension. | <input type="checkbox"/> If possible, run the platform to see if it is functioning properly. |
| <input type="checkbox"/> Make sure all safety shields are in place. | <input type="checkbox"/> Review the entire operator's manual with the customer and stress the importance of proper and regular lubrication and safety precautions. |
| <input type="checkbox"/> Check canvases for proper tension. | |
| <input type="checkbox"/> Check platform flotation. | |

(Signature)

(Date Checked)

135DPD/C/160482

OWNER REGISTER

Name _____

Rural Route # _____

County _____ State _____ Zip _____

Serial Number _____

Operator's Manual No. _____

Date Sold _____

135DPD/D/160482

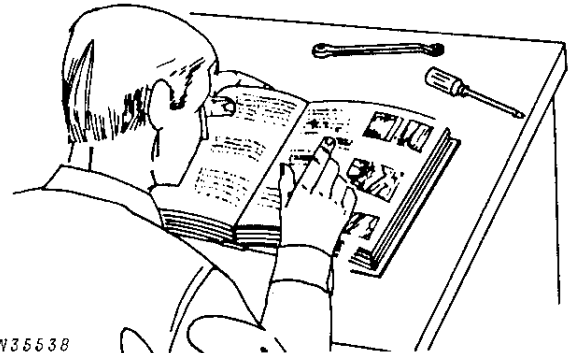
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Safety

READ OPERATOR'S MANUAL

DO NOT operate machine without reading this operator's manual.



N35538

N35538/135DSA/A/160482

OBSERVE SAFETY SIGNS AND MESSAGES



CAUTION: This message is used for general reminders of good safety practices or to direct attention to unsafe practices. The message will appear in your operator's manual and/or the sign will appear on the machine with the color combination of yellow and black.

WARNING: This message denotes a specific potential hazard. The sign will be displayed on the machine in areas of potential hazard. The sign will have the color combination of yellow and black.

DANGER: This message denotes the most serious specific potential hazard. The sign will be displayed on the machine in areas of potential hazard. The sign will have the color combination of red and white.



T27999N

T27999/1424SA/A/160482

OBSERVE "IMPORTANT" MESSAGES

Messages labeled "Important" will appear in your operator's manual and/or on the machine to provide specific instructions for performing adjustments, services, etc. If these instructions are not followed, it could result in damage to the machine.

1424SA/B/160482

DO NOT MODIFY MACHINE

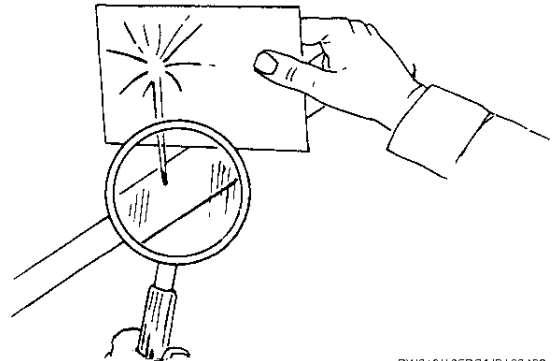
Unauthorized modifications to the machine may impair the function and/or safety and affect machine life.

1424SA/H/160482

AVOID HIGH PRESSURE LEAKS

Escaping fluid under pressure can have sufficient force to penetrate the skin, causing serious injury. Before disconnecting lines, be sure to relieve pressure. Before applying pressure, be sure connections are tight and lines, pipes and hoses are not damaged. Use a piece of cardboard or wood, rather than hands, to search for suspected leaks.

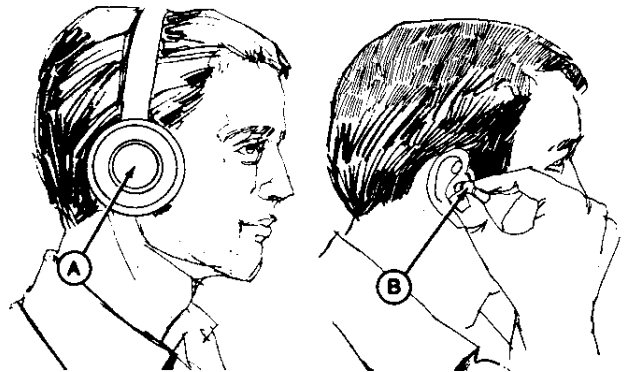
If injured by escaping fluid, see a doctor at once. Serious infection or reaction can develop if proper medical treatment is not administered immediately.



RW212/135DSA/B160482

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 noise.



E19384/1424SA/J1160482

BEFORE OPERATING

Become familiar with Operator's Manual and machine decals.

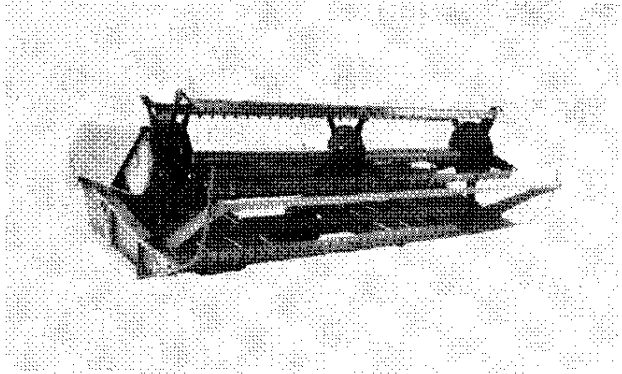
Remove foreign objects from machine.

Become familiar with all controls effecting machine functions.

Make sure everyone is clear of the machine. Never allow riders on machine or near machine while it is running.

Be sure shields and guards are in place and in good condition before starting. Some powerline and hookup shields are designed to stop rotating upon contact while the shaft continues to rotate.

Check rotating shields to ensure they are free to turn. Make necessary repairs if these shields will not turn.



E20863/135PSA/C/160482

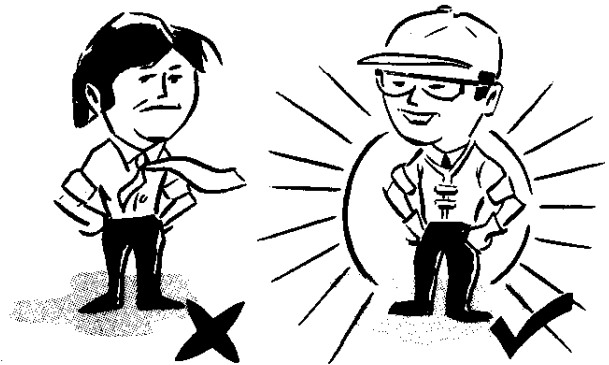
OPERATE SAFELY

All machinery should be operated by responsible persons who have been properly instructed and delegated to do so.

Wear relatively tight and belted clothing to prevent catching on some machine parts.

Do not stand or allow others to stand near platform while it is operating.

Always engage parking brake before dismounting from windrower.



E19363/135DSA/D/160482

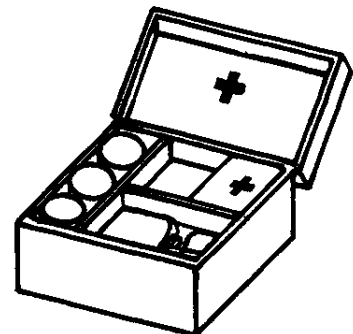
Clear obstructions off machine when machine is shut off and all moving parts have stopped.

Never hand feed material into machine.

Always operate machine at rated speed.

Drive slowly over rough ground.

Provide a first-aid kit on machine for use in case of emergency.

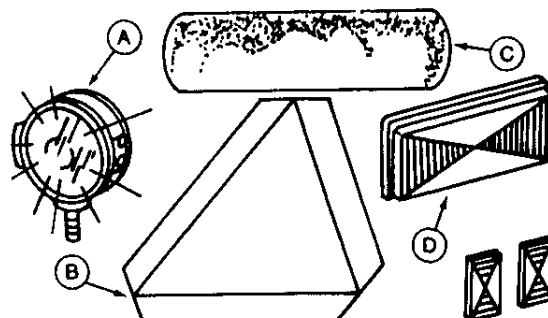


E19539/135DSA/E/160482

USE SAFETY LIGHTS AND DEVICES

When transporting your machine on a road or highway at night or during the day, use necessary lights (A), SMV emblems (B), reflector tape (C) or reflectors (D), for adequate warning to operators of other vehicles. In this regard, check local governmental regulations. These various safety lights and devices are available from your John Deere dealer.

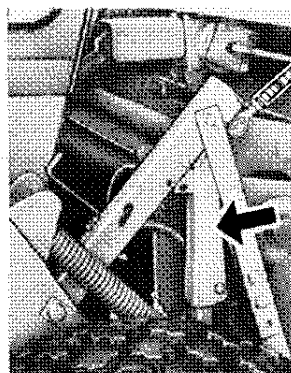
- A—Lights
- B—SMV Emblem
- C—Reflector Tape
- D—Reflectors



N35399/135DSA/F/160482

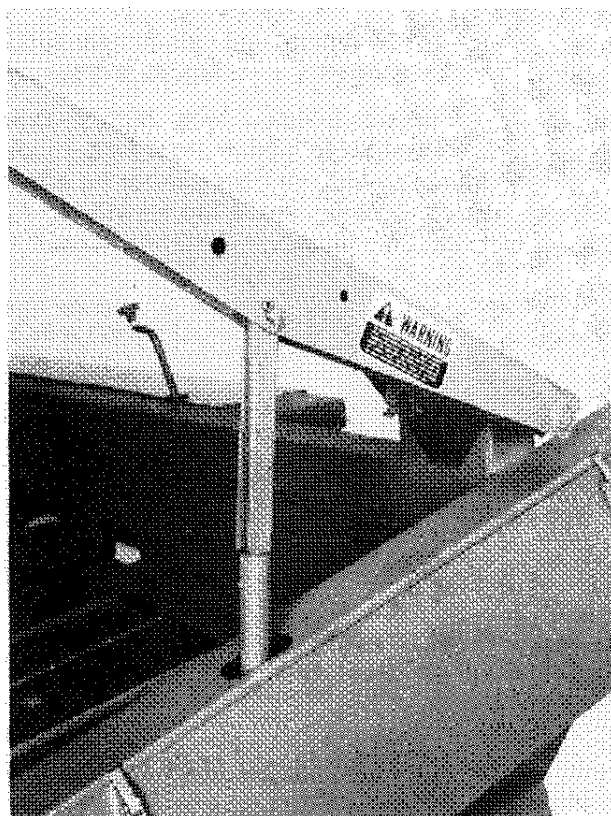
SERVICE MACHINE SAFELY

Do not leave windrower unattended with platform raised. Always lower it to the ground. When platform is raised for servicing, secure hydraulic stop (arrowed) on each side of the windrower.



E20096/135DSA/G/160482

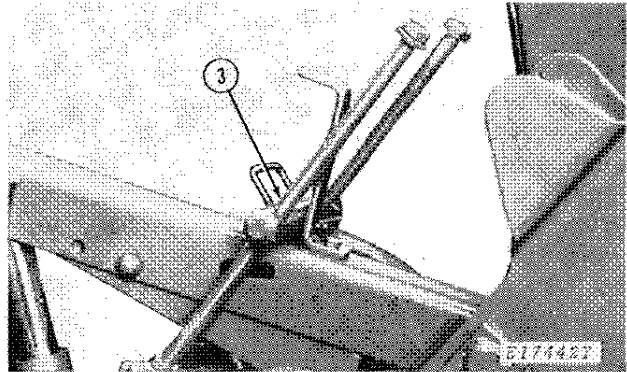
Always engage both hydraulic cylinder stops on reel when working on platform with reel raised.



E20864/135DSA/H/160482

Attaching and Detaching

1. With platform on level ground, block rear of platform up at approximate operating angle.
2. On the windrower, hydraulically raise platform lift arms to maximum height.
3. On 2320 and 2420 Windrowers, rest float springs connecting bar on top of upper links in front of stops as shown.

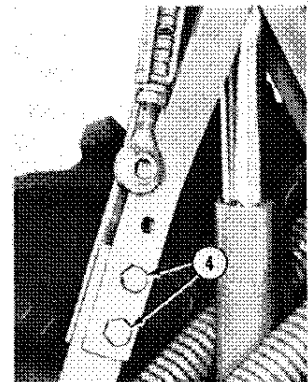
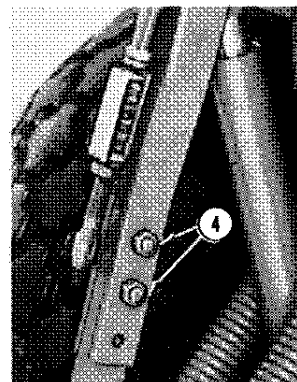


E17442/13SD/A/160482

4. On 2320 and 2420 Windrowers, place lift bar in correct position according to tire option. Torque bolts to 120 ft-lbs (163 N•m).

Regular Tires
13.5 x 16.1 or 16.5 x 16.1)

Tall Tires
(13.6 x 24)



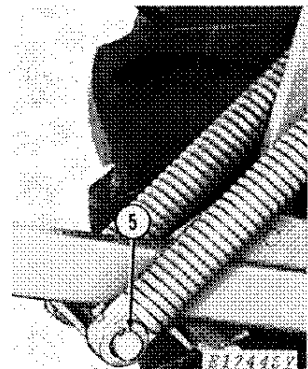
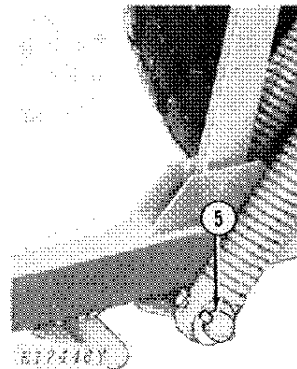
E20097/135DAD/B/160482

5. On 2320 and 2420 Windrowers, place float springs on proper pin and secure with washers and spring pins.

NOTE: The rear pin location with regular tires will provide adequate float in most field conditions. If required platform float cannot be attained in rear pin location, move the springs to forward location. This results in lighter platform flotation.

Regular Tires
13.5 x 16.1 or 16.5 x 16.1)

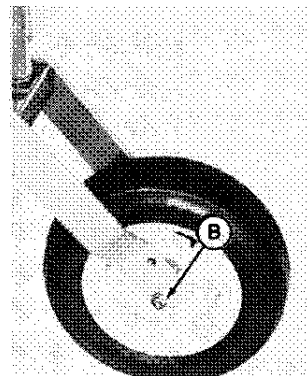
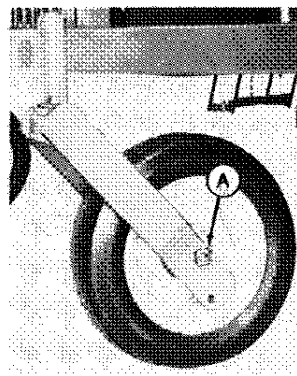
Tall Tires
(13.6 x 24)



E17446/135DAD/C/160482

6. Place caster wheels in proper location according to tire option.

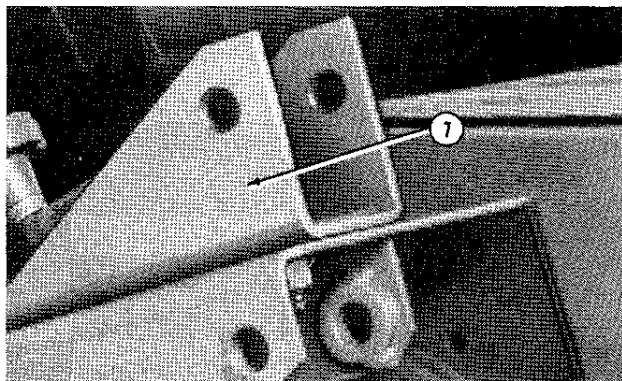
A—Regular Tires (13.5 x 16.1 or 16.5 x 16.1)
B—Tall Tires (13.6 x 24)



E19173/135DAD/D/160482

Attaching and Detaching

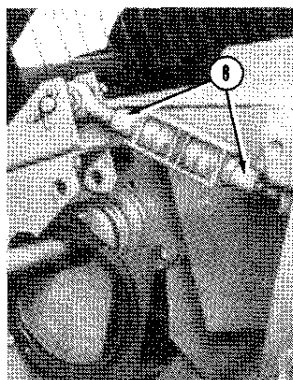
7. On the 2320 and 2420 Windrowers (tall tire option only), secure adapting brackets to platform as shown. Align the inside of the bracket with the inside edge of the fixed plate. Torque to 120 ft-lbs (163 N•m).



E20867/135DAD/E/160482

8. On 2320 and 2420 Windrowers (tall tire option only), install four spacers on turnbuckles as shown.

IMPORTANT: Spacers keep powershaft from bottoming out when platform is raised.



E20868/135DAD/F/160482

9. On all windrowers, using platform lift lever, lower lift arms. Carefully drive machine into platform until lift arms seat in socket of platform. Secure with pins. Remove blocks and lower to ground.

135DAD/G/160482

Attaching and Detaching

NOTE: It may be necessary to lengthen or shorten turnbuckles to secure to platform. After hookup, adjust turnbuckles to equal distance between isolators. Maximum length of turnbuckle from pin center to pin center must not exceed 12-1/8 inches (308.5 mm) which maintains full thread engagement between the rods and turnbuckle.

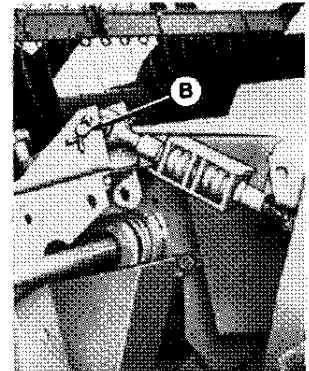
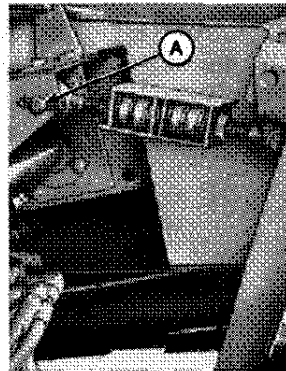


CAUTION: Do not leave the windrower unattended with platform raised. Always lower to ground or secure hydraulic stop on each side of platform.

135DAD/IH/160482

10. On 2320 and 2420 Windrowers, attach turnbuckles to platform using pin as shown.

A—Regular Tires (13.5 x 16.1 or 16.5 x 16.1)
B—Tall Tires (13.6 x 24)



E19176/135DAD/IH/160482

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