



484 Cotton Stripper



JOHN DEERE

TECHNICAL MANUAL 484 Cotton Stripper

TM1153 (01APR82) English

TM1153 (01APR82)

LITHO IN U.S.A. (REVISED)
ENGLISH



**484 COTTON
STRIPPER**
Technical Manual
TM-1153 (Apr-82)

All information, illustrations and specifications contained in this technical 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.

Right and Left-hand
Determination

“Right-hand” and “left-hand” sides are determined by facing in the direction the stripper will travel when in use.

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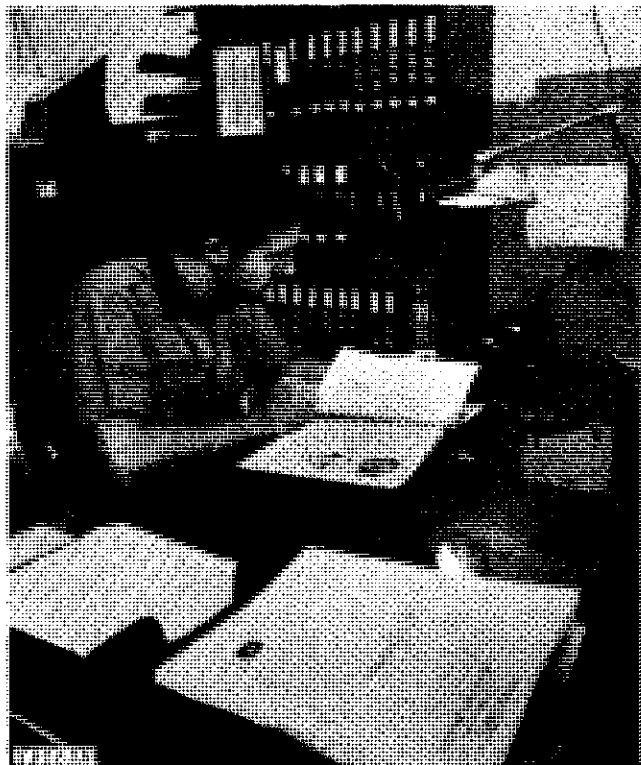
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INTRODUCTION



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 personnel 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.

NOTE: Whenever the service technician may need to refer to a FOS Manual for additional information, a specific manual number is given.

Some features of this technical manual:

- Sectional contents at front of manual
- Contents at front of each section
- Line drawings showing parts relationship
- Illustrations showing service techniques
- Specifications grouped at end of each section

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.

Throughout this manual dimensions are shown as follows: (1.75 mm) .069 in. the measurement in parentheses was converted from the design dimension.

FOR YOUR CONVENIENCE


Vertical lines appear in the margins of many of the pages. These lines identify new material and revised information that affects specifications, procedures, and other important instructions.

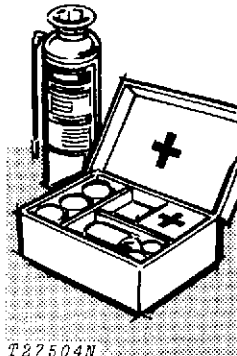
SAFETY AND YOU



T27999N

INTRODUCTION

 This safety alert symbol identifies important safety messages in this manual and on the machine. When you see this symbol, be alert to the possibility of personal injury and carefully read the message that follows.



T27504N

T25704N

Be prepared if an accident or fire should occur. Learn where the first aid kit and the fire extinguishers are located—know how to use them.

BLOCKING THE COTTON STRIPPER

T27999N

CAUTION: Whenever the engine is to be removed for service, it is very important that the basket be securely blocked so it will not fall and cause serious personal injury or damage to the cotton stripper.

Whenever working under the stripping units, securely block the stripping units so they will not fall and cause personal injury or damage to the units.

Always service the cotton stripper on level ground unless otherwise specified in this manual.

Block the wheels to keep the cotton stripper from moving while it is being serviced.

MOUNTING TIRES

Failure to follow proper procedures when mounting a tire on a wheel or rim can produce an explosion which may result in serious injury or death. Do not attempt to mount a tire unless you have the proper equipment and experience to perform the job. Have it done by a qualified tire repair service.

When seating tire beads on rims, never exceed 35 psi (241 kPA) or maximum inflation pressures specified by tire manufacturers for mounting tires. Inflation beyond this maximum pressure may break the bead, or even the rim, with dangerous explosive force. If both beads are not seated when the maximum recommended pressure is reached, deflate, reposition tire, relubricate bead, and reinflate.

Detailed agricultural tire mounting instructions, including necessary safety precautions, are contained in John Deere Fundamentals of Service (FOS) Manual 55, Tire and Tracks, available through your Distribution Service Center. Such information is also available from the Rubber Manufacturers Association and from tire manufacturers.

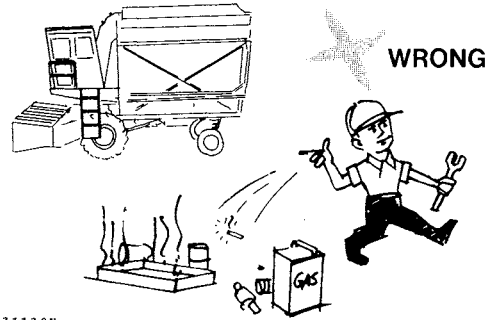
CLEANING THE COTTON STRIPPER



N31129N

N31129N

AVOIDING FIRE HAZARDS



N31130N

N31130N

Always stop the engine before cleaning the cotton stripper.

Keep the operator's platform clean. Do not use it as a storage area.

Keep the radiator and engine closure screens free of foreign matter. Avoid a possible fire hazard.

Keep all equipment free of dirt and oil. In freezing weather, beware of snow and ice on ladder steps and operator's platform.

SERVICE AREA RECOMMENDATIONS

Keep the service area clean and dry. Wet or oily floors are slippery. Wet spots can be dangerous when working with electrical equipment.

Make sure the service area is adequately vented.

Periodically check the shop exhaust system for leakage. Engine exhaust gas is dangerous.

Be sure all electrical outlets and tools are properly grounded.

Use adequate light for the job at hand.

Use lifting equipment and safety stands which have adequate strength for the job being performed.

Don't smoke while refueling or handling highly flammable material.

Stop the engine when refueling.

Use care in refueling if the engine is hot.

Don't use open pans of gasoline or diesel fuel for cleaning parts. Good commercial, nonflammable solvents are preferred.

Provide adequate ventilation when charging batteries.

Don't check battery charge by placing metal objects across the posts.

Don't allow sparks or open flame near batteries.

Don't smoke near battery.

Never check fuel, battery electrolyte or coolant levels with an open flame.

Never use an open flame to look for leaks anywhere on the equipment.

Never use an open flame as a light anywhere on or around the equipment.

When preparing engine for storage, remember that inhibitor is volatile and therefore dangerous. Seal and tape openings after adding the inhibitor. Keep container tightly closed when not in use.

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