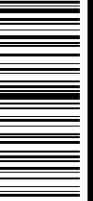


LA105, LA115, LA125, LA135, LA145, LA155, LA165 and LA175 Lawn Tractors Diagnostic and Repair



TECHNICAL MANUAL

Lawn Tractors models LA105, LA115, LA125, LA135, LA145, LA155, LA165, LA175

TM103419 05 FEB 10 (ENGLISH)



John Deere Agriculture
Printed by Belgreen



Table of contents

MANUAL DESCRIPTION

SAFETY

SPECIFICATIONS AND INFORMATION

ENGINE - GAS

ENGINE - V-TWIN

ELECTRICAL

POWER TRAIN - GEAR

POWER TRAIN - HYDROSTATIC

STEERING

BRAKES

ATTACHMENTS

MISCELLANEOUS

Manual Description

This technical manual is written for an experienced technician and contains sections that are specifically for this product. It is a part of a total product support program.

The manual is organized so that all the information on a particular system is kept together. The order of grouping is as follows:

- Table of Contents
- Specifications and Information
- Identification Numbers
- Tools and Materials
- Component Location
- Schematics and Harnesses
- Theory of Operation
- Operation and Diagnostics
- Diagnostics
- Tests and Adjustments
- Repair
- Other

→NOTE:

Depending on the particular section or system being covered, not all of the above groups may be used.

We appreciate your input on this manual. If you find any errors or want to comment on the layout of the manual please contact us.

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 servicing practices.

Understand Signal Words

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

DANGER or WARNING safety signs are located near specific hazards. General precautions are listed on CAUTION safety signs. CAUTION also calls attention to safety messages in this manual.

Special Messages

Your manual contains special messages to bring attention to potential safety concerns, machine damage as well as helpful operating and servicing information. Please read all the information carefully to avoid injury and machine damage.

**CAUTION:**

This symbol and text highlight potential hazards or death to the operator or bystanders that may occur if the hazards or procedures are ignored.

IMPORTANT:

This text is used to tell the operator of actions or conditions that might result in damage to the machine.

→NOTE:

General information is given throughout the manual that may help the operator in the operation or service of the machine.

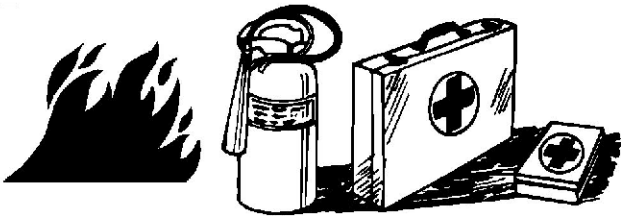
Replace Safety Signs



Replace missing or damaged safety signs. See the machine operator's manual for correct safety sign placement.

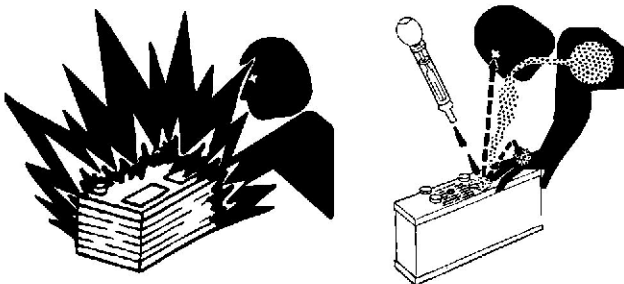
Handle Fluids Safely - Avoid Fires

Be Prepared For Emergencies



- When you work around fuel, do not smoke or work near heaters or other fire hazards.
- Store flammable fluids away from fire hazards. Do not incinerate or puncture pressurized containers.
- Make sure machine is clean of trash, grease, and debris.
- Do not store oily rags; they can ignite and burn spontaneously.
- 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.

Use Care In Handling and Servicing Batteries



Prevent Battery Explosions

- Keep sparks, lighted matches, and open flame away from the top of battery. Battery gas can explode.



Thank you very much
for your reading.
Please click here
to get more information.