

# F911, F915, F925, F932 and F935 Front Mowers

Serial No. (010001—)



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John Deere  
Lawn & Grounds Care Division

TM1487 (01OCT95)  
Replaces TM1487 (15JAN93)

# Introduction

## FOREWORD

This manual is written for an experienced technician. Essential tools required in performing certain service work are identified in this manual and are recommended for use.

Live with safety: Read the safety messages in the introduction of this manual and the cautions presented throughout the text of the manual.

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

Technical manuals are divided in two parts: repair and diagnostics. Repair sections tell how to repair the components. Diagnostic sections help you identify the majority of routine failures quickly.

Information is organized in groups for the various components requiring service instruction. At the beginning of each group are summary listings of all applicable essential tools, service equipment and tools, other materials needed to do the job, and service parts kits.

Section 10, Group 15—Repair Specifications, consist of all applicable specifications, near tolerances and specific torque values for various components on each individual machine.

Binders, binder labels, and tab sets can be ordered by John Deere dealers direct from the John Deere Distribution Service Center.

This manual is part of a total product support program.

## FOS MANUALS—REFERENCE

### TECHNICAL MANUALS—MACHINE SERVICE

### COMPONENT MANUALS—COMPONENT SERVICE

Fundamentals of Service (FOS) Manuals cover basic theory of operation, fundamentals of troubleshooting, general maintenance, and basic type of failures and their causes. FOS Manuals are for training new personnel and for reference by experienced technicians.

Technical Manuals are concise guides for specific machines. Technical manuals are on-the-job guides containing only the vital information needed for diagnosis, analysis, testing, and repair.

Component Technical Manuals are concise service guides for specific components. Component technical manuals are written as stand-alone manuals covering multiple machine applications.

## NOTES CONCERNING THIS REVISION OF TM1487:

**The 900 Series Front Mowers have three serial number ranges that dictate the correct repair and other procedures to be followed:**

- (S.N. 010001—120000)  
Units with a PTO engagement lever, a water-in-fuel indicator (diesel only) and without a Park Lock Switch
- (S.N. 120001—150000)  
Units with a PTO engagement lever and a Park Lock Switch
- (S.N. 150001— )  
Units with a PTO Solenoid Switch, a PTO Solenoid and Relay, and a Park Lock Switch

**Not all pages have been changed to include references to the F925, please refer to the Contents Page for each Section to find the repair procedures or other information for the F925. Otherwise, for all repair information concerning the F925, use the following as a guide:**

- Same Fuel system as the F915
- All other procedures are the same as the F935

## SERIAL NUMBER RANGES WITH AFFECTED CHANGES

### F911

- 1991—1992 with S.N.'s 10001—120000 have a PTO engagement lever.
- 1993—1995 with S.N.'s 120001—150000 have a park lock switch added.
- 1995—1996 with S.N.'s 150001—150081 have a wiring harness with integrated diodes and a new PTO actuation system.
- 1995—1996 with S.N.'s starting at 150082— have a wiring harness with a diode pack and a new PTO actuation system.

### F915

- 1987—1989 with S.N.'s 420001—750000 are covered by TM1350.
- 1990—1992 with S.N.'s 010001—120000 have a PTO engagement lever.
- 1993—1995 with S.N.'s 120001—150000 have a park lock switch added.

### F925

- 1993—1995 with S.N.'s 120001—150000 have a park lock switch.
- 1995—1996 with S.N.'s 150001—150089 have a wiring harness with integrated diodes and a new PTO actuation system.
- 1995—1996 with S.N.'s starting at 150090— have a wiring harness with a diode pack and a new PTO actuation system.

### F932

- 1988—1989 with S.N.'s 475001—750000 have no Technical Manual available.
- 1990—1992 with S.N.'s 010001—120000 have a PTO engagement lever.
- 1993—1995 with S.N.'s 120001—150000 have a park lock switch added.
- 1995—1996 with S.N.'s 150001—150060 have a wiring harness with integrated diodes and a new PTO actuation system.
- 1995—1996 with S.N.'s starting at 150061— have a wiring harness with a diode pack and a new PTO actuation system.

### F935

- 1986—1989 with S.N.'s 360001—750000 are covered by TM1350.
- 1990—1992 with S.N.'s 010001—120000 have a PTO engagement lever and a water-in-fuel indicator.
- 1993—1995 with S.N.'s 120001—150000 have a park lock switch added and no water-in-fuel indicator.
- 1995—1996 with S.N.'s 150001—150228 have a wiring harness with integrated diodes and a new PTO actuation system.
- 1995—1996 with S.N.'s starting at 150229— have a wiring harness with a diode pack and a new PTO actuation system.

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