

John Deere K Series Air-Cooled Engines



John Deere Horicon Works
CTM5 (20OCT92)

LITHO IN U.S.A.
ENGLISH

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 General Information Section of this manual and the cautions presented throughout the text of the manual.



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.

Use this component technical manual in conjunction with the machine technical manual. An application listing in the beginning of each section identifies product-model/component type-model relationship. See the machine technical manual for information on component removal and installation, and gaining access to the components.

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, other materials needed to do the job, and service parts kits.

Group 00, in the beginning of each section—Repair Specifications, consist of all applicable specifications, wear tolerances and specific torque values for various components on each engine.

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.

MX,CTMIFC,A1 -19-21OCT92

Dealer Presentation Sheet

JOHN DEERE DEALERS

This is a complete revision to CTM5.

Discard your old CTM5, dated 26 JUN 91.

New information added to this manual includes:

1. The basic engine specifications have been updated to include the new FC400V, 12.5 hp engine.

2. The engine applications charts have been updated to include the new products introduced in 1992:

- 14ST and 14PT 21-Inch Walk-Behind Mowers
- 38-Inch Walk-Behind Commercial Mower
- GX95 Riding Mower
- 245 Lawn and Garden Tractor
- GT242 Lawn and Garden Tractor
- Gator 4 X 2

MX,CTM5,DPS -19-21OCT92

Dealer Presentation Sheet

Contents

SECTION 10—GENERAL INFORMATION

- Group 05—Safety
- Group 10—General Specifications
- Group 15—Serial Number Locations
- Group 20—Features

SECTION 20—FA130D and FA210D

- Group 00—Engine Application and Repair Specifications
- Group 05—Fuel and Air Systems—FA130D
- Group 06—Fuel and Air Systems—FA210D
- Group 10—Blower Housing and Flywheel
- Group 15—Cylinder Head
- Group 20—Cylinder Block, Valves and Internal Components
- Group 25—Ignition and Charging System
- Group 30—Starting Systems—FA130D
- Group 31—Starting Systems—FA210D

SECTION 21—FA210V

- Group 00—Engine Application and Repair Specifications
- Group 05—Fuel and Air Systems
- Group 10—Blower Housing and Flywheel
- Group 15—Cylinder Head
- Group 20—Cylinder Block, Valves and Internal Components
- Group 25—Ignition and Charging System
- Group 30—Starting Systems

SECTION 25—FG150G/FG150D

- Group 00—Engine Application and Repair Specifications
- Group 05—Fuel and Air Systems
- Group 10—Blower Housing and Flywheel
- Group 15—Cylinder Head
- Group 20—Cylinder Block, Valves and Internal Components
- Group 25—Ignition and Charging System
- Group 30—Starting Systems

SECTION 30—FC150V

- Group 00—Engine Application and Repair Specifications
- Group 05—Fuel and Air Systems
- Group 10—Blower Housing and Flywheel
- Group 15—Cylinder Head and Valves
- Group 20—Cylinder Block and Internal Components
- Group 25—Ignition and Charging System
- Group 30—Starting Systems

SECTION 35—KF82D/FZ340D

- Group 00—Engine Application and Repair Specifications
- Group 05—Fuel and Air Systems
- Group 10—Blower Housing and Flywheel
- Group 15—Cylinder Head
- Group 20—Cylinder Block, Valves and Internal Components
- Group 25—Ignition and Charging System
- Group 30—Starting Systems

SECTION 40—FC290V/FC400V/FC420V/FC540V

- Group 00—Engine Application and Repair Specifications
- Group 05—Fuel and Air Systems
- Group 10—Blower Housing and Flywheel
- Group 15—Cylinder Head and Valves
- Group 20—Cylinder Block and Internal Components
- Group 25—Ignition and Charging System
- Group 30—Starting Systems

SECTION 45—FE290D and FE290R

- Group 00—Engine Application and Repair Specifications
- Group 05—Fuel and Air Systems
- Group 10—Blower Housing and Flywheel
- Group 15—Cylinder Head and Valves
- Group 20—Cylinder Block and Internal Components
- Group 25—Ignition and Charging System
- Group 30—Starting Systems

Continued on next page

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CTM5-19-20OCT92

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