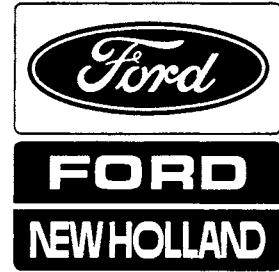


FORD



Service Manual

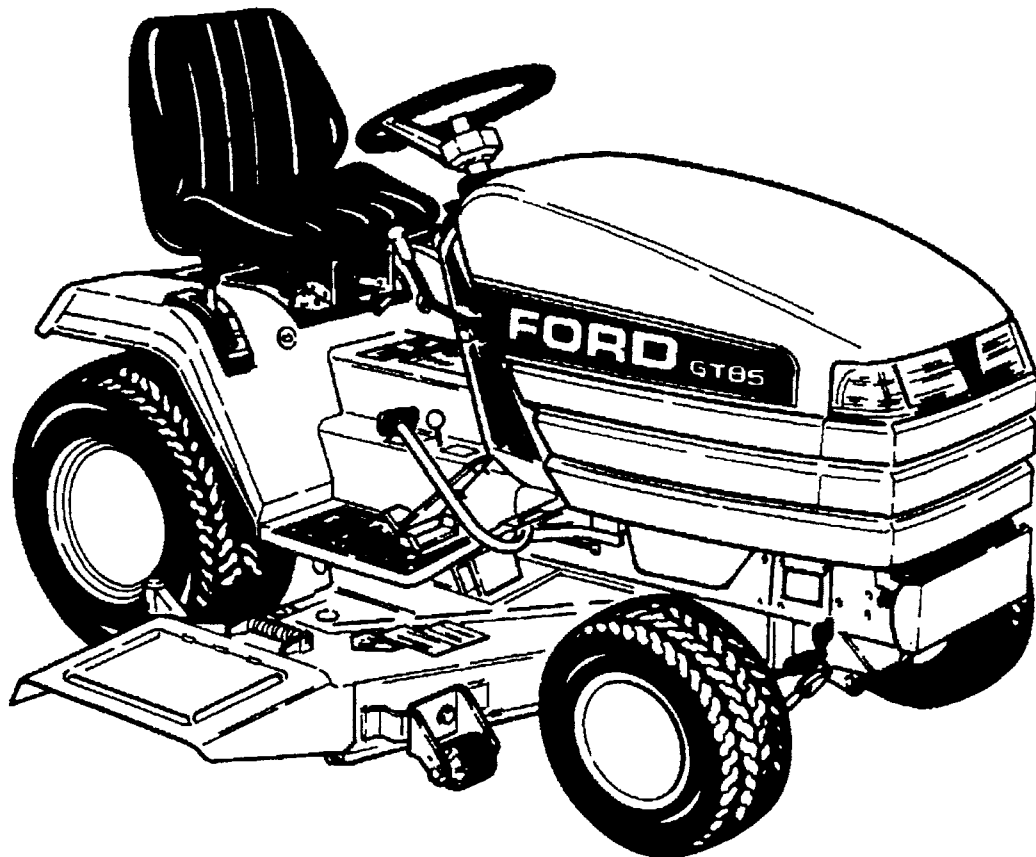
Lawn and Garden Tractor
GT65 and GT75 Diesel
GT85 and GT95 Gasoline

Section 1 – Engine Systems
 – Kohler Engine Service Manual

Section 2 – Fuel Systems

Vol. 1

40006540



4/94

Reprinted

FOREWORD

This manual provides information for the proper servicing and overhaul of the Ford GT tractor models and is an essential publication for all service personnel carrying out repairs and maintenance procedures.

The Manual is divided into ten Sections, each sub-divided into Chapters. Each Chapter contains information on general operating principles, detailed inspection and overhaul and, where applicable, troubleshooting, special tools and specifications.

The material contained in this Manual was correct at the time of going to print but Ford New Holland, Inc. Policy is one of continuous improvement and the right to change prices, specifications, equipment or design at anytime without notice is reserved. All data in this Manual is subject to production variations, so overall dimensions should be considered as approximate only and the illustrations do not necessarily depict the unit to standard build specification.

FORD NEW HOLLAND, INC.

CONTENTS

VOLUME 1

INTRODUCTION	0-3
SECTION 1 – ENGINE SYSTEMS	1-1
DIESEL ENGINE (GT65 AND GT75)	1-1
ENGINE AND LUBRICATION SYSTEM	1-1
DESCRIPTION AND OPERATION	1-1
ENGINE OVERHAUL	1-4
COOLING SYSTEM	1-50
DESCRIPTION AND OPERATION	1-50
OVERHAUL	1-53
TROUBLESHOOTING	1-58
SPECIFICATIONS	1-63
SPECIAL TOOLS	1-71
COMPRESSION TEST AND TOOLS	1-72
ENGINE SYSTEMS – GASOLINE (GT85 AND GT95)	1-73
ENGINE AND LUBRICATION SYSTEM	1-73
DESCRIPTION AND OPERATION	1-73
ENGINE OVERHAUL	1-74
KOHLER ENGINE SERVICE MANUAL (GT85 AND GT95)	1-79
GENERAL INFORMATION	1.1
SPECIAL TOOLS	2.1
PERIODIC MAINTENANCE	3.1
TROUBLESHOOTING	4.1
AIR CLEANER	5.1
FUEL SYSTEM AND GOVERNOR	6.1
LUBRICATION SYSTEM	7.1
ELECTRICAL SYSTEM AND COMPONENTS	8.1
DISASSEMBLY	9.1
INSPECTION AND REPAIR/RECONDITIONING	10.1
REASSEMBLY	11.1

SECTION 2 – FUEL SYSTEMS

DIESEL FUEL SYSTEM – (GT65 AND GT75)	2-1
DESCRIPTION AND OPERATION	2-1
ADJUSTMENTS	2-7
INJECTION PUMP TIMING	2-9
FUEL TANK, PRE-FILTER, FINAL FILTER, ELECTRIC FUEL PUMP, INJECTION PUMP AND GOVERNOR - OVERHAUL	2-13
INJECTORS	2-18
DESCRIPTION AND OPERATION	2-18
REMOVAL AND INSTALLATION	2-19
OVERHAUL	2-20
TROUBLESHOOTING	2-21
SPECIFICATIONS	2-25
GASOLINE FUEL SYSTEM – (GT85 AND GT95)	2-26
DESCRIPTION AND OPERATION	2-26
INDEX – VOLUME 1	2-29

VOLUME 2

SECTION 3 – ELECTRICAL SYSTEMS

ELECTRICAL SYSTEM – DIESEL (GT65 AND GT75)	3-1
WIRING, SWITCHES, GLOW PLUGS, FUEL STOP SOLENOID, ELECTRIC FUEL PUMP AND INSTRUMENTATION	3-1
DESCRIPTION AND OPERATION	3-1
OVERHAUL	3-11
TROUBLESHOOTING	3-17
BATTERY	3-18
DESCRIPTION AND OPERATION	3-18
MAINTENANCE AND TESTS	3-20
STARTING SYSTEM	3-20
DESCRIPTION AND OPERATION	3-27
OVERHAUL	3-29
CHARGING SYSTEM	3-41
DESCRIPTION AND OPERATION	3-41
TEST PROCEDURES	3-44
ENGINE STOP SOLENOID	3-46
DESCRIPTION AND OPERATION	3-46
OVERHAUL	3-47
TROUBLESHOOTING AND SPECIFICATIONS	3-48
ELECTRICAL SYSTEM – GASOLINE (GT85 AND GT95)	3-51
WIRING, SWITCHES, SPARK PLUGS, AND INSTRUMENTATION	3-51
DESCRIPTION AND OPERATION	3-51
TROUBLESHOOTING	3-59
STARTING SYSTEM	3-62
DESCRIPTION AND OPERATION	3-62
CHARGING SYSTEM	3-64
DESCRIPTION AND OPERATION	3-64
TROUBLESHOOTING	3-65
ENGINE STOP SOLENOID	3-66
DESCRIPTION AND OPERATION	3-66
OVERHAUL	3-67
TROUBLESHOOTING AND SPECIFICATIONS	3-68

SECTION 4 – HYDROSTATIC DRIVE SYSTEM

HYDROSTATIC DRIVE	4-1
DESCRIPTION AND OPERATION	4-1
OVERHAUL	4-9
TROUBLESHOOTING AND PRESSURE TESTS	4-24
HYDROSTATIC DRIVE CONTROL LINKAGE	4-27
OPERATION	4-27
OVERHAUL AND ADJUSTMENT	4-29
SPECIFICATIONS	4-34

SECTION 5 – TRANSAXLE AND BRAKE

TRANSAXLE AND BRAKE	5-1
DESCRIPTION AND OPERATION	5-1
OVERHAUL	5-2
SPECIFICATIONS	5-26

SECTION 6 – STEERING AND FRONT AXLE

MANUAL STEERING AND FRONT AXLE	6-1
DESCRIPTION AND OPERATION	6-1
OVERHAUL	6-3
SPECIFICATIONS	6-12
POWER STEERING AND FRONT AXLE	6-13
DESCRIPTION AND OPERATION	6-13
OVERHAUL	6-16
PRESSURE TESTING	6-39
TROUBLESHOOTING	6-40
SPECIFICATIONS	6-41

SECTION 7 – IMPLEMENT DRIVE

IMPLEMENT DRIVE – MID-MOUNT	7-1
DESCRIPTION AND OPERATION	7-1
OVERHAUL	7-3

SECTION 8 – HYDRAULIC LIFT

HYDRAULIC LIFT	8-1
DESCRIPTION AND OPERATION	8-1
OVERHAUL	8-5
SPECIFICATIONS	8-16

SECTION 9 – WHEELS AND TIRES

WHEELS AND TIRES 9-1

SECTION 10 – MOWERS

44 AND 48 INCH MOWER 10-1

DESCRIPTION AND OPERATION 10-1

OVERHAUL 10-3

SPECIFICATIONS 10-13

60 INCH MOWER 10-14

DESCRIPTION AND OPERATION 10-14

OVERHAUL 10-15

SPECIFICATIONS 10-24

INDEX – VOLUME 2 10-25

Thank you so much for reading.
Please click the “Buy Now!”
button below to download the
complete manual.



After you pay.

You can download the most
perfect and complete manual in
the world immediately.

Our support email:

ebooklibonline@outlook.com