

---

# TT60A, TT75A REPAIR MANUAL COMPLETE CONTENTS

SECTION 00 - GENERAL .....	2
SECTION 10 - ENGINE .....	3
SECTION 18 - CLUTCHES .....	8
SECTION 21 - TRANSMISSION SYSTEM .....	10
SECTION 25 - FRONT DRIVE AXLE .....	12
SECTION 27 - MECHANICAL REAR WHEEL DRIVE .....	14
SECTION 31 - POWER TAKE-OFF .....	16
SECTION 33 - BRAKING SYSTEM .....	17
SECTION 35 - HYDRAULIC SYSTEMS .....	18
SECTION 41 - STEERING SYSTEMS .....	22
SECTION 44 - FRONT AXLE .....	24
SECTION 55 - ELECTRICAL SYSTEM .....	25
SECTION 90 - BODYWORK .....	31

The following pages are the collation of the contents pages from each section and chapter of the TT60A, TT75A repair manual. Complete Repair part # 84154801.

The sections used through  **DOWNLOAD**  manuals may not be used for each product. Each manual will be made up of one or several books. Each book will be labeled as to which sections are in the overall Repair manual and which sections are in each book.

The sections listed above are the sections utilized for the TT60A, TT75A Tractors.

---

# SECTION 00 - GENERAL

BOOK 1 - 84154802

## Chapter 1 - General

### CONTENTS

<b>Section</b>	<b>Description</b>	<b>Page</b>
	General Instructions .....	2
	Important Notice .....	2
	Shimming .....	2
	Rotating Shaft Seals .....	2
	O-Rings .....	3
	Sealers .....	3
	Bearings .....	3
	Spring Pins .....	3
	Precautionary Notice .....	4
	Equipment Notice .....	4
	Spare Parts Notice .....	4
	General Notices .....	4
	Health and Safety .....	5
	Health and Safety Precautions .....	6
	General Workshop Tools and Equipment .....	11
	Legal Aspects .....	11
	Lubricants and Greases .....	11
	Precautionary Statements .....	15
	Safety .....	16
	The Tractor .....	16
	Driving the Tractor .....	17
	Operating the Tractor .....	18
	Operating the PTO .....	19
	Servicing the Tractor .....	19
	Diesel Fuel .....	20
	Ecology and the Environment .....	21
	Minimum Hardware Tightening Torques .....	22
	General Dimensions .....	24
	Federal Emissions Warranty .....	30
	California Emission Control Warranty Statement .....	31
	Universal Symbols .....	33
	Safety Decals .....	34
	Safety Decals .....	35
	Instructional Decals .....	38

---

# SECTION 10 - ENGINE

BOOK 1 - 84154802

## Chapter 1 - Engine System

### CONTENTS

<b>Section</b>	<b>Description</b>	<b>Page</b>
	Specifications .....	5
	Engine Bolt Torque Specifications .....	13
	Metric Bolt Torque Specifications .....	14
	Special Tools .....	15
	Troubleshooting .....	16
	Description and Operation - Engine Components .....	20
	Cylinder Head Assembly .....	20
	Camshaft Assembly .....	20
	Cylinder Block Assembly .....	20
	Crankshaft Assembly .....	20
	Connecting Rods .....	20
	Pistons .....	20
	Manifolds .....	20
	Timing Gears .....	21
	Lubrication System .....	22
	Cooling System .....	23
	Fuel System .....	24
	Fuel Shut Off (Injection Pump) .....	24
	Lift Pump .....	24
	Fuel Filters .....	24
	Engine Preparation .....	25
	Engine Removal - Installation .....	26
	Separating Engine from Transmission Housing .....	26
	Separating Front Axle from Engine .....	36
	Engine Installation .....	38
	Engine Compression Test .....	39
	Test Procedure .....	39
	Test Readings .....	39
	Test Conclusion .....	39
	Rebuild Instructions .....	39
	Overhaul .....	40

---

## SECTION 10 - ENGINE

BOOK 1 - 84154802

### Chapter 1 - Engine System (Continued)

#### CONTENTS

Section	Description	Page
	Cylinder Head . . . . .	40
	Removal . . . . .	40
	Disassembly . . . . .	45
	Repair and Inspection . . . . .	46
	Injector Sleeves . . . . .	47
	Valve Settings . . . . .	49
	Valves . . . . .	49
	Valve Guides . . . . .	50
	Valve Springs . . . . .	51
	Tappets and Pushrods . . . . .	51
	Rocker Shaft . . . . .	52
	Assembly . . . . .	52
	Installation . . . . .	53
	Front Engine Cover . . . . .	54
	Removal . . . . .	54
	Timing Gear . . . . .	56
	Removal . . . . .	56
	Idler Gear . . . . .	57
	Removal . . . . .	57
	Fuel Pump Drive Gear . . . . .	57
	Removal . . . . .	57
	Fuel Injection Pump Drive Gear . . . . .	59
	Removal . . . . .	59
	Camshaft Drive Gear . . . . .	59
	Removal . . . . .	59
	Hydraulic and Power Steering Pump Drive Gear . . . . .	60
	Removal . . . . .	60
	Inspection and Repair . . . . .	60
	Camshaft . . . . .	60
	Inspection and Repair . . . . .	60
	Camshaft Drive Gear . . . . .	61
	Inspection and Repair . . . . .	61



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