
TC21DA, TC24DA REPAIR MANUAL COMPLETE CONTENTS

SECTION 00 - GENERAL INFORMATION	2
SECTION 10 - ENGINE SYSTEMS	3
SECTION 18 - SINGLE CLUTCH	10
SECTION 21 - TRANSMISSION SYSTEMS	11
SECTION 25 - FRONT AXLE - FRONT WHEEL DRIVE	13
SECTION 27 - DIFFERENTIAL AND REAR AXLE	14
SECTION 29 - HYDROSTATIC TRANSMISSION	15
SECTION 31 - POWER TAKE-OFF SYSTEMS	19
SECTION 33 - BRAKES	20
SECTION 35 - HYDRAULIC SYSTEM	21
SECTION 41 - POWER STEERING SYSTEM	24
SECTION 44 - WHEELS AND TIRES	26
SECTION 55 - ELECTRICAL SYSTEM	26
SECTION 90 - PLATFORM	32

The following pages are the collation of the contents pages from each section and chapter of the TC21DA and TC24DA Repair manual. Complete Repair part # 87053135.

The sections used through out all New Holland product Repair manuals may not be used for each product. Each Repair 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 TC21DA and TC24DA Tractors.

SECTION 00 - GENERAL INFORMATION

BOOK 1 - 87053136

Chapter 1 - General Information

CONTENTS

Section	Description	Page
	Introduction	2
	Precautionary Statements	3
	Safety	4
	The Tractor	4
	Servicing the Tractor	4
	Operating the Tractor	5
	Driving the Tractor	5
	Operating the PTO	6
	Diesel Fuel	6
	Safety Frame (ROPS)	6
	Safety Decals	7
	Instruction Decals	9
	Product Identification Plate	13
	International Symbols	14
	Specifications - TC21DA, TC24DA	15
	General Dimensions - TC21DA, TC24DA	20
	Minimum Hardware Tightening Torques	23
	Lubricants	25
	Adjustments	26

SECTION 10 - ENGINE SYSTEMS

BOOK 1 - 87053136

Chapter 1 - Engine Systems

CONTENTS

Section	Description	Page
	Description and Operation - General Information	6
	Identification Chart	6
	Cylinder Head and Valve Train Components	6
	Cylinder Block Assembly	7
	Overhaul - Engine	8
	Engine Preparation	8
	Disassembly	8
	Fuel Injector and Glow Plug	10
	Removal	10
	Oil Pressure Switch	10
	Removal	10
	Temperature Sending Switch and Alternator	11
	Removal	11
	Fan, Water Pump, and External Oil Tube	11
	Removal	11
	Valve Cover	11
	Removal	11
	Rocker Shaft and Push Rod	12
	Removal	12
	Cylinder Head	12
	Removal	12
	Valve Tappet	12
	Removal	12
	Fuel Shut-off Solenoid	13
	Removal	13
	Engine Timing Gear Cover	13
	Removal	13
	Timing Gears and Camshaft	15
	Removal	15
	Oil Sump	15
	Removal	15

SECTION 10 - ENGINE SYSTEMS

BOOK 1 - 87053136

Chapter 1 - Engine Systems (Continued)

CONTENTS

Section	Description	Page
	Oil Suction Pipe and Strainer	16
	Removal	16
	Connecting Rods, Bearing and Pistons	16
	Removal	16
	Flywheel	17
	Removal	17
	Backplate and Oil Seal	17
	Removal	17
	Crankshaft and Main Bearing	17
	Removal	17
18 110	Cylinder Head	18
	Disassembly	18
	Inspection	18
	Valve Seats	19
	Inspection	19
	Valves	20
	Inspection	20
	Valve Guides	22
	Inspection	22
	Valve Springs	22
	Inspection	22
	Rocker Arms	23
	Inspection	23
	Push Rods	23
	Inspection	23
	Cylinder Head	24
	Assembly	24
	Cylinder Block	24
	Inspection	24
10 105	Pistons, Piston Rings, and Connecting Rods	25
	Disassembly	25

SECTION 10 - ENGINE SYSTEMS

BOOK 1 - 87053136

Chapter 1 - Engine Systems (Continued)

CONTENTS

Section	Description	Page
	Piston	25
	Inspection	25
	Piston Rings	27
	Inspection	27
	Connecting Rods	28
	Inspection	28
	Bearing Oil Clearance Check	30
10 105	Pistons, Piston Rings, and Connecting Rod	30
	Assembly	30
10 103	Crankshaft Main Bearings	31
	Removal	31
	Inspection	31
	Crankshaft	32
	Inspection	32
	Crankshaft Journal Wear Limit and Bearing Usage	32
	Crankshaft Front Main Bearing (Bushing)	33
	Inspection	33
	Replacement	33
	Crankshaft Main Bearing	34
	Assembly	34
	Port Block	34
	Removal	34
	Installation	34
	Timing Gear	35
	Inspection	35
	Camshaft	35
	Disassembly	35
	Inspection	36
	Assembly	36
10 103	Flywheel	37
	Inspection	37

It's a preview. You can download the full file by clicking the link below.

<https://shopservicemanual.com/>

Service Manuals from 2\$