
HW345, HW365 REPAIR MANUAL COMPLETE CONTENTS

SECTION 00 - GENERAL INFORMATION	2
SECTION 10 - ENGINE	3
SECTION 25 - FRONT MECHANICAL DRIVE	10
SECTION 29 - HYDROSTATIC TRANSMISSION	11
SECTION 33 - BRAKES AND CONTROLS	15
SECTION 35 - HYDRAULIC SYSTEMS	16
SECTION 44 - REAR AXLE	21
SECTION 50 - CLIMATE CONTROL	23
SECTION 55 - ELECTRICAL SYSTEMS	26
SECTION 58 - HEADER ATTACHMENTS	45
SECTION 88 - OPTIONAL EQUIPMENT	47
SECTION 90 - PLATFORM, CAB AND DECALS	49

The following pages are the collation of the contents pages from each section and chapter of the HW345 and HW365 Repair manual. Complete Repair part # 87576216.

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 HW345 and HW365 Self-Propelled Windrowers.

SECTION 00 - GENERAL INFORMATION

BOOK 1 - 87576217

Chapter 1 - General Information

CONTENTS

Section	Description	Page
00 000	Precautionary Statements	2
	Safety	3
	General Safety Information	5
	Introduction	8
	About Improvements	8
	Product Identification Numbers (PIN)	9
	Engine PIN Number	9
	Company Policy	10
	Parts and Specification	10
	Lubrication	10
	Recommended Lubricants and Coolants	11
	Sealants	12
	Minimum Hardware Tightening Torques	13
	Installation of Adjustable Fittings in Straight Thread O ring Bosses	15
	Standard Torque Data for Hydraulic Tubes and Fittings	15
	Pipe Thread Fitting Torque	16
	Installation of ORFS (O ring Flat Faced) Fittings	16
	Specifications	17

SECTION 10 - ENGINE

BOOK 1 - 87576217

Chapter 1 - Engine

CONTENTS

Section	Description	Page
	Specifications	4
	Torque Values	13
	Special Tools	15
	Troubleshooting	16
	Description of Operation	20
	Cylinder Block Assembly	20
	Cylinder Head Assembly	21
	Camshaft Assembly	21
	Crankshaft Assembly	21
	Connecting Rods	22
	Pistons	22
	Manifolds	23
	Timing Gears	23
	Lubrication System	24
	Crankcase Breather	27
	Overhaul	28
	Engine - Complete	28
	Removal	28
	Flywheel	35
	Removal	35
	Installation	35
	Engine - Complete	37
	Installation	37
	Engine Overhaul - Introduction	44
	Timing Check	45
	Component Overhaul	48

SECTION 10 - ENGINE

BOOK 1 - 87576217

Chapter 1 - Engine (Continue)

CONTENTS

Section	Description	Page
	Cylinder Head, Valves, and Related Parts	48
	Cylinder Head Removal	48
	Cylinder Head Disassembly	52
	Inspection and Repair, Cylinder Head	53
	Valve Inserts	54
	Valve Guides	55
	Valve Springs	56
	Rocker Shaft Inspection and Reassembly	56
	Cylinder Head Reassembly	57
	Hydraulic Tappets	60
	Engine Front Cover and Timing Gears	62
	Timing Gears Checking and Removal	62
	Inspection and Repair of Gears	65
	Installation	65
	Oil Pan	68
	Removal	68
	Inspection and Repair	68
	Installation	68
	Rear Cover Plate	69
	Removal	69
	Installation	69
	Oil Pump	71
	Removal	71
	Disassembly	71
	Inspection and Repair	72
	Installation	72
	Oil Pressure Relief Valve	73
	Removal	73
	Installation	73
	Camshaft	74
	Removal	74
	Inspection and Repair	74

SECTION 10 - ENGINE

BOOK 1 - 87576217

Chapter 1 - Engine (Continue)

CONTENTS

Section	Description	Page
	Camshaft Bearings	75
	Installation	75
	Pistons	76
	Removal	76
	Inspection and Repair	77
	Connecting Rod Bush Replacement	79
	Cylinder Block Overhaul	80
	Cylinder Bore	81
	Specifications	81
	Sleeving - Boring and Honing	82
	Reassembly	83
	Installing Piston Assembly Into Block	85
	Crankshaft	86
	Removal	86
	Inspection and Repair	87
	Reassembly	88
	Front Seal	91
	Installation	91
	Engine Compression Test	93
	Test Procedure	93
	Test Readings	93
	Test Conclusion	93

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

<https://shopservicemanual.com/>

Service Manuals from 2\$