
RB454, RB464, RB554, AND RB564 SERVICE MANUAL COMPLETE CONTENTS

SECTION 00 - GENERAL INFORMATION	2
SECTION 31 - IMPLEMENT DRIVELINE	4
SECTION 35 - HYDRAULICS	9
SECTION 39 - FRAME	13
SECTION 44 - AXLES AND WHEELS	14
SECTION 55 - ELECTRICAL SYSTEMS	15
SECTION 60 - PICKUPS	22
SECTION 62 - PRESSING	27
SECTION 68 - WRAPPING	33
SECTION 70 - EJECTION	36
SECTION 90 - SHIELDING	36

The following pages are the collation of the contents pages from each section and chapter of the RB454, RB464, RB554, and RB564 Service manual. Complete Service part # 84217340.

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

The sections listed above are the sections utilized for the RB454, RB464, RB554, and RB564 Round Balers.

SECTION 00 - GENERAL INFORMATION

BOOK 1 - 84217341

Chapter 1 - General Information

CONTENTS

Section	Description	Page
00 000	Introduction	3
	Precautionary Statements	4
	Personal Safety	4
	Machine Safety and Information	4
	Safety	5
	Precautionary Statements	5
	The Round Baler	5
	Towing the Round Baler	5
	Operating the Round Baler	5
	Servicing the Round Baler	5
	Do Not Operate Tag	6
	Fluid Safety	7
	Handle Fluids Safely	7
	Avoid Heating Near Pressurized Fluid Lines	7
	Use Care Around High-pressure Fluid Lines	7
	Safe Service Procedures	7
	Torques and Adjustments	8
	Torques	8
	Adjustments	8
	Technical Information	9
	Hardware	9
	General	9
	Plating	9
	Nut Tightening	9
	Locknuts	9
	Jam Nuts	9
	Thread Lubrication	9
	Tapered Splines	9
	Minimum Hardware Tightening Torques	10
	Retaining Compounds and Sealants	13
	Thread Locking Compounds	13
	Retaining Compounds	13
	Sealants	13

SECTION 00 - GENERAL INFORMATION

BOOK 1 - 84217341

Chapter 1 - General Information (Continued)

CONTENTS

Section	Description	Page
	Standard Torque Data for Hydraulic Tubes and Fittings	14
	Installation of Adjustable Fittings in Straight Thread O-ring Bosses	15
	Pipe Thread Fitting Torque	15
	Installation of ORFS (O-ring Flat Faced) Fittings	15
	Recommended Lubricants	16
	General Information	16
	Grease Fittings	16
	Chains	16
	Recommended Lubricants and Coolants Chart	17
	Roller Chains	18
	Chain Wear	18
	Wear Limits on Roller Chains	19
	Standard Roller Chain Sizes (New Chains)	19
	Conversion Charts	20
	Metric Customary Unit - Equivalents	21
	Ecology and the Environment	24
	Helpful Hints	24
	Baler Components	25
	Basic Components	25
	Power Flow Baler With Stuffer	26
	Power Flow Baler With Rotor	27
	Driveline Components Baler With Standard Pickup	28
	Driveline Components Baler With Stuffer and Wide Pickup	29
	Driveline Components Baler With Rotor and Wide Pickup	30
	Specifications	31
	Overall Dimensions	31
	Driveline Specifications and Tractor Requirements	33
	Bale Size and Density Specifications	34
	Standard Pickup Specifications	35
	1.5 M Wide Pickup Specifications	36
	1.8 M Wide Pickup Specifications	37
	2.1 M Wide Pickup Specifications	38
	Rotor Cutter Specifications	39

<https://www.ebooklibonline.com>

Hello dear friend!

Thank you very much for reading.

Enter the link into your browser.

The full manual is available for immediate download.

<https://www.ebooklibonline.com>

SECTION 00 - GENERAL INFORMATION

BOOK 1 - 84217341

Chapter 1 - General Information (Continued)

CONTENTS

Section	Description	Page
	Belt Specifications	40
	Bale Wrapping Mechanisms Specifications	40
	Storage and Seasonal Preparation	41
	Storage Procedures	41
	Order Repair Parts	41
	Required Parts List	41
	Seasonal Baler Preparation	41

SECTION 31 - IMPLEMENT DRIVELINE

BOOK 1 - 84217341

Chapter 1 - PTO Driveline

CONTENTS

Section	Description	Page
	Specifications	2
	PTO Constant Velocity	2
	Description of Operation	5
	Overhaul	6
31 201	Front PTO and CV U-joint	6
	Disassembly	6
	Inspection	9
	Replacement	9
	Assembly	9
	Installation	13
31 201	Rear PTO	14
	Removal	14
	Disassembly	15
	Inspection	16
	Assembly	17
	Installation	19

SECTION 31 - IMPLEMENT DRIVELINE

BOOK 1 - 84217341

Chapter 1 - PTO Driveline (Continued)

CONTENTS

Section	Description	Page
31 201	Shear Bolt Hub	22
31 201	Shear Bolt Hub Bearing Balls	22
	Replacement	22
31 201	Slide Collar Quick - Disconnect	23
	Removal	23
	Replacement	23

SECTION 31 - IMPLEMENT DRIVELINE

BOOK 1 - 84217341

Chapter 2 - Gearbox

CONTENTS

Section	Description	Page
	Specifications	2
	Special Tools	2
	Description of Operation	2
	Overhaul	3
31 220	Gearbox	3
	Removal	3
	Gearbox Coupler Seal	5
	Replacement	5
	Gearbox	6
	Sectional Views	6
	Disassembly	9
	Inspection	12
	Assembly	13
	Installation	20

SECTION 31 - IMPLEMENT DRIVELINE

BOOK 1 - 84217341

Chapter 3 - Clutches

CONTENTS

Section	Description	Page
	Specifications	3
	Special Tools	3
	Description of Operation	6
	Overhaul	7
31 225	Main Drive Slip Clutch (RB454, RB464, RB554)	7
	Removal	7
	Disassembly	7
	Inspection	8
	Replacement	8
	Assembly	8
	Installation	9
	Burnishing	11
	Adjustment	12
31 225	Main Drive Slip Clutch (RB564)	14
	Removal	14
	Disassembly	15
	Inspection	15
	Assembly	15
	Installation	16
	Burnishing	19
	Adjustment	21
31 225	Sledge Roll Drive Slip Clutch	22
	Removal	22
	Disassembly	23
	Inspection	23
	Assembly	24
	Installation	24
	Burnishing	25
	Adjustment	25
31 225	Pickup Slip Clutch - Standard Pickup	27
	Removal	27

SECTION 31 - IMPLEMENT DRIVELINE

BOOK 1 - 84217341

Chapter 3 - Clutches (Continued)

CONTENTS

Section	Description	Page
	Disassembly	28
	Inspection	28
	Assembly	28
	Installation	28
	Burnishing	29
	Adjustment	29
31 225	Pickup Jaw Clutch - 1.8 & 2.1 M Wide Pickup	30
	Removal	30
	Inspection	33
	Installation	33
	Pickup Radial Pin Clutch - 1.8 & 2.1 M Wide Pickup	37
	Removal	37
	Visual Inspection - Radial Pin Clutch	40
	Disassemble	40
	Inspection	44
	Assemble	46
60 280	Pickup Jaw Clutch - 1.5 M Wide Pickup	53
	Removal	53
	Inspection	54
	Installation	54
31 225	Pickup Over-run Clutch - 2.1 Wide Pickups (Rotor Units)	55
	Removal	55
	Inspection	57
	Assembly	58
31 225	Belts Drive Linear Clutch (RB464 and RB564)	61
	Removal	61
	Inspection	63
	Installation	64
	Adjustment	66

SECTION 31 - IMPLEMENT DRIVELINE

BOOK 1 - 84217341

Chapter 3 - Clutches (Continued)

CONTENTS

Section	Description	Page
31 225	Belts Drive Over-run Clutch (RB554 Standard)	69
	Removal	69
	Inspection	70
	Installation	70
31 225	Belts Drive Radial Arm Clutch (RB554 Option)	73
	Removal	73
	Inspection	74
	Installation	75

SECTION 31 - IMPLEMENT DRIVELINE

BOOK 1 - 84217341

Chapter 4 - Drives

CONTENTS

Section	Description	Page
	Specifications	2
	Gearbox Output Shaft Cluster Sprocket Location	2
	Description of Operation	2
	Overhaul	3
31 230	Gearbox Output Driveshaft	3
	Disassembly	3
	Inspection	6
	Assembly	6

SECTION 35 - HYDRAULICS

BOOK 1 - 84217341

Chapter 1 - Tailgate Lift System

CONTENTS

Section	Description	Page
35 550	Description of Operation	2
	Tailgate Lift System	2
	Hydraulic Line Fittings - Torque Specifications	3
	Overhaul	4
	Tailgate Cylinder	4
	Removal	4
	Disassembly	6
	Inspection	7
	Assembly	7
	Installation	8
	Tailgate Lockout Valve	10
	Adjustment	10
	Testing	11
	Disassembly	12
	Assembly	12
	Replacement	13
	Troubleshooting	14
	Tailgate Cylinders	14

SECTION 35 - HYDRAULICS

BOOK 1 - 84217341

Chapter 2 - Belt Tension System

CONTENTS

Section	Description	Page
	Description of Operation	2
35 540	Belt Tension System	2
	Density Cylinder System	2
	Oil – Density Cylinder System	4
	Overhaul	4
	Density Cylinder System	4
	Adjustment	4
	Belt Tension Removal	5
	Bale Density Pressure	6
	Adjustment	6
	Belt Tension Cylinder	7
	Removal	7
	Disassembly	9
	Inspection	10
	Assembly	11
	Installation	12
	Relief Valve Operation	16
	Relief Valve	18
	Removal	18
	Installation	18
	Cleaning	18
	Relief Valve Seals	19
	Removal	19
	Installation	19
	Relief Valve	19
	Adjusting (The Maximum Pressure of the Relief Valve)	19
	Troubleshooting	20
	Density Cylinders	20

SECTION 35 - HYDRAULICS

BOOK 1 - 84217341

Chapter 3 - Feeding - Pickup Lift Cylinder/Rotor Knives and Reverse Cylinders

CONTENTS

Section	Description	Page
35 000	General Procedures	2
	Description of Operation	3
35 560	Pickup Lift Cylinder	3
	Overhaul	3
35 560	Pickup Lift Cylinder	3
	Removal	3
	Disassembly	4
	Assembly	4
	Installation	4
35 565	Rotor Knife Cylinder	5
	Removal	5
	Disassembly	6
	Inspection	6
	Assembly	7
	Installation	8
35 764	Hydraulic Reverser Cylinder	9
	Removal	9
	Disassembly	10
	Inspection	10
	Assembly	11
	Installation	12
35 204	Splitter Valve	13
	Removal	13
	Disassembly	14
	Inspection	14
	Assembly	14
	Troubleshooting	17
	All Cylinders	17
	Pickup Cylinders	17
	Rotor Cylinders	17

SECTION 35 - HYDRAULICS

BOOK 1 - 84217341

Chapter 4 - Lubrication - Greaselines and Oiler

CONTENTS

Section	Description	Page
35 000	General Procedures	2
	Overhaul	3
35 595	Grease System	3
	Inspection	3
35 597	Oiler	4
	Oil Tank	4
	Removal	4
	Inspection	4
	Installation	4
	Oil Feed Lines	5
	Inspection	5
	Oil Brushes	6
	Replacement	6
	Pump	6
	Removal	6
	Disassembly	6
	Installation	6
	Oil Flow	7
	Adjustment	7

SECTION 39 - FRAME

BOOK 2 - 84217342

Chapter 1 - Tailgate

CONTENTS

Section	Description	Page
	Overhaul	2
55 435	Tailgate (RB464 & RB564)	2
	Removal	3
	Inspection	16
	Disassembly	16
	Assembly	17
	Installation	17
	Adjustment	32
55 435	Tailgate (RB454 & RB554)	33
	Removal	34
	Inspection	45
	Disassembly	46
	Assembly	46
	Installation	47
	Adjustment	65

SECTION 44 - AXLES AND WHEELS

BOOK 2 - 84217342

Chapter 1 - Axles and Wheels

CONTENTS

Section	Description	Page
	Specifications	2
	Special Tools	2
	Description of Operation	2
	Overhaul	3
44 101	Axle	3
	Adjustment	3
44 520	Tire Pressure	5
	Wheel Torques	5
	Wheel Bearings	5
	Inspection	5

SECTION 55 - ELECTRICAL SYSTEMS

BOOK 2 - 84217342

Chapter 1 - General Information

CONTENTS

Section	Description	Page
	Definition of Terms	2
	Electricity	2
	Voltage	2
	Current	2
	Resistance	2
	Open Circuit	2
	Short Circuit	2
	Continuity	2
	Voltage Drop	2
	Diode	2
	Solenoid	2
	Relay	2
	Overhaul	3
	Protecting the Electrical/Electronic Systems During Charging or Welding	3
	Special Tools	3
	Troubleshooting	4
	Electrical Test Procedures	4
	Standard Electrical Tests	5
	Wire Identification	9
	Net-Twine Wrapper Diagnostic Mode Quick Reference Card	10

SECTION 55 - ELECTRICAL SYSTEMS

BOOK 2 - 84217342

Chapter 2 - Harness and Connectors

CONTENTS

Section	Description	Page
	Description of Operation	2
	Tractor Harness	2
	Main Baler Harness (Net Twine Wrapper)	3
	Rotor Knife/Rotor Reverse Solenoid Valve Baler Harness	4
	Electric Wrap Tractor Harness	5
	Electric Wrap Monitor Harness	6
	Electric Wrap Baler Harness	7
	Main Lights Baler Harness	8
	Right Lights Baler Harness	9
	Overhaul	10
	Wire Harness Connector	10
	18-pin Connector	10
	Inspection	10
	Round Connector	11
	Disassembly	11
	Assembly	12
	Gray Rectangular Connector	13
	Disassembly	13
	Assembly	14
	Light Plug	14
	Inspection	14
	Power Plug	15
	Inspection	15

SECTION 55 - ELECTRICAL SYSTEMS

BOOK 2 - 84217342

Chapter 3 - Components - Operation, Location, and Testing

CONTENTS

Section	Description	Page
55 100	Description of Operation	3
	Components	3
	Switches	3
	Remote Over Ride Rocker Switch	3
	Testing	4
	Micro Switch - Electric Wrap Full Bale	4
	Relays	5
	Operator's Panel Internal Relay	5
	Electronic Control Unit Internal Relays	5
	Main Power Relays	6
	Testing (Internal Relays)	6
	Circuit Breakers	8
	Operator's Panel Circuit Breaker	8
	Testing	8
	Backlights	9
	Operator's Panel Internal Backlights	9
	Backlight Bulb and Holder	9
	Testing	9
	Horn	10
	Inspection	10
	Operator's Panel Internal Horn	10
	Testing	10
	Ferrous Proximity Sensor	11
	Tail Gate Ferrous Proximity Sensor	11
	Rotor Knives Cylinder Ferrous Proximity Sensor	11
	Testing (Ferrous Proximity Sensor)	12
	Rotary Potentiometer	12

SECTION 55 - ELECTRICAL SYSTEMS

BOOK 2 - 84217342

Chapter 3 - Components - Operation, Location, and Testing (Continued)

CONTENTS

Section	Description	Page
	Bale Size Rotary Potentiometer	13
	Bale Shape Rotary Potentiometer - Right and Left Side (right side shown)	13
	Twine Wrapper Rotary Potentiometer	13
	Net Wrapper Rotary Potentiometer	14
	Testing (Rotary Potentiometer)	14
	Hall Effect Sensor	15
	Net Counter Roll Sensor and Magnet	15
	Testing (Hall Effect Sensor)	15
	Actuator	16
	Twine Wrapper Actuator	16
	Net Wrapper Actuator	16
	Testing	16
	Solenoids	17
	Hydraulic Rotor Reverse Solenoids (Option)	17
	Testing	17

SECTION 55 - ELECTRICAL SYSTEMS

BOOK 2 - 84217342

Chapter 4 - Net-Twine Wrapper Electrical System, Troubleshooting - Component Adjustment and Calibration

CONTENTS

Section	Description	Page
	Description of Operation	2
	Calibration (Adjustments)	7
	Power to Tractor Connector and Operator's Panel	7
	Testing	7
	Operator Panel Programming	10
	Operator's Panel Keys (Function)	11
	Main Display Window Indicators	12
	Bale Shape Display Window	13
	Operator's Panel Self Diagnostic Test	13
	Setup/Diagnostic Key	14
	Setup/Diagnostic Mode	16
	Setup Items	17
	Diagnostic and Calibration Items	28
	Troubleshooting	54
	Error Codes	54
	Error Message at Start-up and/or While Operating	54
	"Error" and Flashing Full Bale Pointer	55
	"Error" and Flashing Tailgate Pointer	57
	"Error" and Flashing Left Bale Shape Bars (Right Side Art Shown)	59
	"Error" and Flashing Right Bale Shape Bars	61
	"Error" and Flashing Bale Wrap/Actuator Pointer	63
	Net Bale Wrap System	63
	Twine Bale Wrap System	67
	Electronic Circuit	71
	Testing	71
	Rotor Knife/Rotor Reverse Solenoid Valves Circuit	71
	Rotor Knife Ferrous Proximity Switch Circuit	73
	Manual Override Switch Circuit	74
	Status Light Circuit	75
	Net/Twine Wrapper Operator's Panel	77
	RB Series Round Baler EST Software Download Instructions	78
	Baler and EST Preparation	78
	Software Download Procedure	79

SECTION 55 - ELECTRICAL SYSTEMS

BOOK 2 - 84217342

Chapter 5 – Electric /Twine Wrapper – Electrical System Troubleshooting – Component Adjustment and Calibration

CONTENTS

Section	Description	Page
	Description of Operation	2
	Calibrations (Adjustments)	4
	Power to Tractor Connector and Operator's Panel	4
	Testing	4
	Operator Panel Programming	5
	Operator Panel Keys and Display (Function)	6
	Setup/Diagnostic Mode	7
	To enter the Setup/Diagnostic Mode	7
	To Advance to the Next Setup/Diagnostic Item	7
	To Exit the Setup/Diagnostic Mode	7
	Setup Items	8
	Troubleshooting	24
	Twine Wrapper Actuator Position Potentiometer Circuit	24
	Twine Wrapper Actuator Circuit	26
	Full Bale Switch Circuit	28
	Right Bale Shape Potentiometer Circuit	30
	Left Bale Shape Potentiometer Circuit	31
	Horn/Alarm Circuit	34

SECTION 55 - ELECTRICAL SYSTEMS

BOOK 2 - 84217342

Chapter 6 - Lights

CONTENTS

Section	Description	Page
55 000	Description of Operation	2
	Wiring Diagram	3
55 404	Troubleshooting	4
	Light Module	14
	Overhaul	15
55 404	Light Bulbs	15
	Removal	15
	Installation	15

SECTION 60 - PICKUPS

BOOK 3 - 84217343

Chapter 1 - Standard Pickup

CONTENTS

Section	Description	Page
	Description of Operation	2
	Overhaul	2
60 220	Standard Pickup	2
	Removal	2
	Installation	4
60 220	Tines and Guards – Standard Pickup	7
	Removal	7
	Installation	7
60 220	Cam Bearing – Standard Pickup	7
	Removal	7
	Installation	9
60 220	Cam Track – Standard Pickup	10
	Removal	10
	Inspection	12
	Installation	12
60 220	Tine Bar and Bearings – Standard Pickup	15
	Removal	15
	Inspection	16
	Installation	16
60 220	Reel Disc and Shaft – Standard Pickup	18
	Removal	18
	Inspection	20
	Assembly	21

SECTION 60 - PICKUPS

BOOK 3 - 84217343

Chapter 2 - Wide Pickup with Stuffer - 1.5 M

CONTENTS

Section	Description	Page
	Description of Operation	3
	Overhaul	3
60 220	Wide Pickup with Stuffer – 1.5 M	3
	Removal	3
	Installation	6
60 220	Tines and Guards – 1.5 M Wide Pickup	9
	Center Tine	9
	Removal	9
	Installation	9
	End Tine	10
	Removal	10
	Installation	10
60 220	Cam Bearing – 1.5 M Wide Pickup	11
	Removal	11
	Installation	12
60 220	Cam Track – 1.5 M Wide Pickup	14
	Removal	14
	Inspection	15
	Installation	15
60 220	Tine Bar – 1.5 M Wide Pickup	17
	Removal	17
	Installation	18
60 220	Reel Disc, Cam Arm Shafts and Reel Shaft – 1.5 M Wide Pickup	20
	Removal	20
	Inspection	22
	Installation	22
60 220	Auger, Bearing and Drive Chain – 1.5 M Wide Pickup	26
	Removal	26
	Assembly	27
60 220	Reel Sprocket and Bearing– 1.5 M Wide Pickup	30
	Removal	30
	Installation	30

SECTION 60 - PICKUPS

BOOK 3 - 84217343

Chapter 2 - Wide Pickup with Stuffer - 1.5 M (Continued)

CONTENTS

Section	Description	Page
60 220	Stuffer– 1.5 M Wide Pickup	32
	Removal	32
	Installation	34

SECTION 60 - PICKUPS

BOOK 3 - 84217343

Chapter 3 - Wide Pickup with Stuffer - 1.8 M and 2.1 M

CONTENTS

Section	Description	Page
60 000	Description of Operation	3
	Overhaul	3
60 220	Wide Pickup with Stuffer – 1.8 & 2.1 M	3
	Removal	3
	Installation	7
60 220	Tines and Guards –1.8 & 2.1 M Pickup	10
	Removal	10
	Installation	10
60 220	Cam Bearing – 1.8 & 2.1 M Pickup	11
	Removal	11
	Installation	15
60 220	Cam Track –1.8 & 2.1 M Pickup	17
	Removal	17
	Inspection	20
	Installation	21
60 220	Tine Pipe and Bearings – 1.8 & 2.1 M Pickup	24
	Removal	24
	Inspection	25
	Installation	25

SECTION 60 - PICKUPS

BOOK 3 - 84217343

Chapter 3 - Wide Pickup with Stuffer - 1.8 M and 2.1 M (Continued)

CONTENTS

Section	Description	Page
60 220	Reel Disc and Hex Shaft – 1.8 & 2.1 M Pickup	27
	Removal	27
	Inspection	28
	Installation	29
60 220	Auger, Bearing and Drive Chain – 1.8 & 2.1 M Pickup	33
	Removal	33
	Installation	34
60 280	Pickup Stuffer Frame – 1.8 & 2.1 M Pickup	36
	Removal	36
	Inspection	44
	Assembly	45
	Installation	46
60 280	Jackshaft Outer Bearing – 1.8 & 2.1 M Pickup	56
	Removal	56
	Installation	57
60 280	Jackshaft Inner Bearing – 1.8 & 2.1 M Pickup	59
	Removal	59
	Installation	62
60 280	Jackshaft - 1.8 & 2.1 M Pickup (With Jaw Clutch)	66
	Removal	66
	Inspection	69
	Assembly	70
	Jackshaft - 1.8 & 2.1 M Pickup (With Radial Pin Clutch)	75
	Removal	75
	Installation	78
60 280	Stuffer Fork - 1.8 & 2.1 M Pickup	82
	Removal	82
	Inspection	86
	Assembly	86
	Installation	88

SECTION 60 - PICKUPS

BOOK 3 - 84217343

Chapter 4 - Wide Pickup with Rotor - 2.1 M

CONTENTS

Section	Description	Page
	Special Tools	3
	Description of Operation	3
	Overhaul	4
60 260	Rotor Pickup	4
	Removal	4
	Installation	8
60 260	Rotor Knife Carriage	13
	Removal	13
	Disassembly	16
	Assembly	20
	Installation	24
60 260	Rotor Knife Spring	26
	Removal	26
	Installation	27
60 260	Rotor	29
	Removal	29
	Inspection	33
	Installation	34
60 260	Rotor Frame	39
	Removal	39
	Disassembly (Rotor)	43
	Inspection (Rotor)	45
	Assembly (Rotor)	45
	Disassembly (Rotor Knife Carriage)	48
	Replacement (Rotor Knife Carriage)	50
	Assembly (Rotor Knife Carriage)	50
	Installation	53

SECTION 60 - PICKUPS

BOOK 3 - 84217343

Chapter 4 - Wide Pickup with Rotor - 2.1 M (Continued)

CONTENTS

Section	Description	Page
60 260	Rotor Left Bearing and Jackshaft	57
	Removal	57
	Disassembly	58
	Inspection	59
	Assembly	60
	Installation	63
60 260	Rotor Right Bearing and Jackshaft	65
	Removal	65
	Disassembly	66
	Inspection	67
	Assembly	68
	Installation	68

SECTION 62 - PRESSING

BOOK 4 - 84217344

Chapter 1 - Take up Arm

CONTENTS

Section	Description	Page
62 080	Description of Operation	2
	Overhaul	2
	Take Up Arm	2
	Removal	2
	Inspection	9
	Assembly	9

SECTION 62 - PRESSING

BOOK 4 - 84217344

Chapter 2 - Belts

CONTENTS

Section	Description	Page
	Specifications	2
	Special Tools	2
	Description of Operation	3
	Troubleshooting	4
62 140	Belt Failure Analysis	4
62 140	Overhaul	8
	Belt Tension Removal	8
62 140	Belt Lacing Cables	9
	Removal	9
	Installation	9
62 140	Laced Belt	10
	Removal	10
	Repair	10
	Installation	14
62 140	Belt Storage	15
62 140	Belt Tracking	15
62 140	Belt Slippage	16
	At Core Start	16
	Near Full Bale	16
62 140	Endless Belt	17
	Replacement	17
	Removal	18
	Inspection	27
	Installation	27

SECTION 62 - PRESSING

BOOK 4 - 84217344

Chapter 3 - Starter Roll

CONTENTS

Section	Description	Page
62 000	Description of Operation	2
	Overhaul	2
62 150	Starter Roll	2
	Removal	2
	Disassembly	5
	Inspection	6
	Assembly	6

SECTION 62 - PRESSING

BOOK 4 - 84217344

Chapter 4 - Stationary Roll

CONTENTS

Section	Description	Page
62 000	Description of Operation	2
	Overhaul	2
62 150	Stationary Roll	2
	Removal	2
	Inspection	5
	Assembly	5

SECTION 62 - PRESSING

BOOK 4 - 84217344

Chapter 5 - Floor Roll

CONTENTS

Section	Description	Page
62 000	Description of Operation	2
	Overhaul	2
62 160	Floor Roll	2
	Removal	2
	Disassembly	4
	Inspection	4
	Assembly	5
	Installation	5

SECTION 62 - PRESSING

BOOK 4 - 84217344

Chapter 6 - Belt Rolls

CONTENTS

Section	Description	Page
62 000	Description of Operation	3
	Overhaul	4
62 140	Drive Roll	4
	Removal	4
	Inspection	11
	Installation	11
62 140	Drive Shaft Bearings	24
	Removal	24
	Inspection	29
	Installation	29

SECTION 62 - PRESSING

BOOK 4 - 84217344

Chapter 6 - Belt Rolls (Continued)

CONTENTS

Section	Description	Page
62 140	Backwrap Roll	38
	Removal	38
	Inspection	40
	Installation	40
62 140	Tailgate Nose Roll	41
	Removal	42
	Disassembly	43
	Inspection	43
	Assembly	43
	Installation	44
62 140	Take-up Arm Rolls	47
	Removal	47
	Inspection	53
	Installation	54
62 140	Tailgate Top Rear Idler Roll	58
	Removal	58
	Inspection	60
	Installation	60
62 140	Tailgate Top Front Idler Roll	61
	Removal	61
	Inspection	63
	Installation	63
62 140	Adjustable Tailgate Roll	65
	Removal	65
	Disassembly	67
	Assembly	68
	Installation	68
62 140	Lower Tailgate Roll (RB464 and RB564)	71
	Removal	71
	Disassembly	72
	Assembly	72
	Installation	73

SECTION 62 - PRESSING

BOOK 4 - 84217344

Chapter 7 - Sledge Assembly

CONTENTS

Section	Description	Page
62170	Description of Operation	3
	Overhaul	4
	Sledge Assembly	4
	Disassembly	4
	Follower Roll Scraper	7
	Removal	7
	Follower Roll	8
	Removal	8
	Stripper Roll	9
	Removal	9
	Idler Gear	10
	Removal	10
	Pivot Roll	11
	Removal	11
	Sledge Frame	13
	Removal	13
	Sledge Assembly	14
	Inspection	14
	Follower Roll	14
	Inspection	14
	Stripper Roll (Drive End)	15
	Inspection	15
	Stripper Roll (Right Side)	16
	Inspection	16
	Idler Gear	16
	Inspection	16
	Pivot Roll (Drive End)	17
	Inspection	17
	Pivot Roll (Right Side)	18
	Inspection	18
	Sledge Frame	18
	Inspection	18
Assembly	18	

SECTION 62 - PRESSING

BOOK 4 - 84217344

Chapter 7 - Sledge Assembly (Continued)

CONTENTS

Section	Description	Page
	Pivot Roll	21
	Assembly	21
	Idler Gear	26
	Assembly	26
	Sledge Assembly	27
	Assembly	27
	Stripper Roll	28
	Assembly	28
	Follower Roll	31
	Assembly	31
	Follower Roll Scraper	31
	Assembly	31

SECTION 68 - WRAPPING

BOOK 5 - 84217345

Chapter 1 - Net Wrapper Mechanical System

CONTENTS

Section	Description	Page
68 000	Description of Operation	3
	Adjustments	9
	Knife Spring	9
	Knife Link	9
	Brake Spring	9
	Brake Link	10
	Duckbill Spring	11
	Duckbill Baffle	11
	Knives	12

SECTION 68 - WRAPPING

BOOK 5 - 84217345

Chapter 1 - Net Wrapper Mechanical System (Continue)

CONTENTS

Section	Description	Page
	Overhaul	12
68 170	Duckbill	12
	Removal	12
	Disassembly	18
	Duckbill Roller Bearing	19
	Replacement	19
	Duckbill	19
	Inspection	19
	Installation	19
68 170	Net Wrapper Adjustment	30
	Mechanical	30
	Electronic	33
68 170	Net Knife	36
	Replacement	36
68 170	Net Knife Mounting	37
	Removal	37
	Inspection	39
	Installation	39
68 170	Net Brake System	44
	Removal	44
	Installation	45
	Adjustment	46
68 170	Net Rolls	46
	Removal	46
	Installation	47
68 170	Baffle	49
	Removal	49
	Installation	49
68 170	Net Mounting	50
	Net Loading Brake Release	50
	Adjustment	50
	Brake Drum Bushings	50

SECTION 68 - WRAPPING

BOOK 5 - 84217345

Chapter 2 - Twine Wrapper Mechanical System

CONTENTS

Section	Description	Page
68 000	Description of Operation	2
	Adjustments	4
	Twine Installation	4
	Twine Tension	7
	Twine Knives	7
	Twine Knife Tension	8
	Twine Tubes	9
	Twine Tube Breakaway	10
	Overhaul	11
68 180	Twine Tube Pivot	11
	Disassembly	11
	Inspection	15
	Assembly	15
68 180	Twine Tube Breakaway	20
	Removal	20
	Installation	22
68 180	Extendable Twine Tubes	23
68 180	Twine Tube Leaf Springs	23
68 180	Twine Knife Shaft and Bearings	25
	Operation	25
	Removal	26
	Inspection	27
	Installation	27
	Adjustment	30
68 180	Twine Actuator and Drag Link Pivot	31
	Removal	31
	Installation	32
	Adjustment	33
68 180	Twine Boxes	35
	Removal	35
	Installation	35
68 180	Trip Arm	36
	Installation	36
	Adjustment	36



Suggest:

For more complete manuals. Please go to the home page.

<https://www.ebooklibonline.com>

If the above button click is invalid. Please download this document first, and then click the above link to download the complete manual.

Thank you so much for reading

SECTION 70 - EJECTION

BOOK 5 - 84217345

Chapter 1 - Bale Ejector

CONTENTS

Section	Description	Page
	Description of Operation	2
	Overhaul	2
	Bale Ejector	2
	Disassembly	2
	Assembly	3

SECTION 90 - SHIELDING

BOOK 5 - 84217345

Chapter 1 - Side Doors

CONTENTS

Section	Description	Page
90 000	Description of Operation	2
	Overhaul	2
90 102	Left and Right Side Doors	2
	Gas Spring	2
	Removal	2
	Latch	4
	Removal	4
	Door Stop	4
	Removal	4
	Door Hinge	5
	Removal	5
	Gas Spring Hinge	5
	Removal	5
	Lower Gas Spring Mounting and Latch Pin	5
	Removal	5

SECTION 90 - SHIELDING

BOOK 5 - 84217345

Chapter 2 - Net and Twine Boxes

CONTENTS

Section	Description	Page
90 000	Description of Operation	2
	Overhaul	2
90 102	Net Wrapper Box	2
	Cover	2
	Removal	2
	Latch	2
	Removal	2
	Latch Pin	3
	Removal	3
90 102	Side Twine Boxes	3
	Installation	3
90 102	Front Twine Box	5
	Installation	5

<https://www.ebooklibonline.com>

Hello dear friend!

Thank you very much for reading.

Enter the link into your browser.

The full manual is available for immediate download.

<https://www.ebooklibonline.com>