

**664, 665R, 666, 666R
Row-Crop Headers;
630, 630A, 645, 645A
Windrow Pickups**

**John Deere Werke Zweibrücken
TM4530 (15APR98)**

Printed in Germany
ENGLISCH

Section 100

664, 665R, 666 and 666R Row-Crop Headers

Contents

	Page		Page
Group 05—Outer Units of 665R, 666 and 666R Headers			
Preparation For Removal	100-05-1	Removing Angle Drives For The Transport Chains	100-20-7
Removing Folding Outer Units	100-05-1	Removing Angle Drives For The Transport Chains	100-20-8
Installing Folding Outer Units	100-05-3	Angle Drives For The Transport Chains Exploded View	100-20-9
		Assembling Angle Drives For The Transport Chains	100-20-9
		Installing Angle Drives For The Transport Chains	100-20-10
Group 10—Transport Chains			
Removing Transport Chains and Chain Guides	100-10-1		
Dismantling Outer Upper Transport Chains	100-10-2	Group 25—Transmission	
Components Of Upper Transport Chain Guide	100-10-3	Removing Spur Gear Transmission	100-25-1
Assembling Outer Upper Transport Chains	100-10-3	Spur Gear Transmission Exploded View	100-25-2
Installing Outer Upper Transport Chains	100-10-4	Dismantling Spur Gear Transmission	100-25-3
Tensioning Upper Transport Chains	100-10-5	Installing Spur Gear Transmission	100-25-3
Removing Transport chains	100-10-5		
Installing Gatherer Chains	100-10-8	Group 30—Gatherer Auger and Gatherer Auger Drive	
		Removing Gatherer Auger (665R, 666 and 666R)	100-30-1
Group 15—Cutting Disks and Bearing Arms		L.H. Drive (665R, 666 and 666R)	100-30-2
Removing Cutting Disks	100-15-1	Gatherer Auger Exploded View (665R, 666 and 666R)	100-30-5
Removing Bearing Arms	100-15-1	Installing Gatherer Auger (665R, 666 and 666R)	100-30-5
Bearing Arms Exploded View	100-15-3	Drive Shaft Exploded View (665R, 666 and 666R)	100-30-7
Installing Cutting Disks and Bearing Arms	100-15-4	Drive Chain (665R, 666 and 666R)	100-30-8
Adjusting Cutting Disk Hubs	100-15-4	Adjusting Drive Chains (665R, 666 and 666R)	100-30-10
		Removing Gatherer Auger (664 Only)	100-30-10
Group 20—Drives		Removing Steel Roller Chain (664 Only)	100-30-11
Removing Outer Drives (665R, 666 and 666R)	100-20-1	L.H. Drive (664 Only)	100-30-12
Dismantling Outer Drive Shaft (665R, 666 and 666R)	100-20-2	Gatherer Auger Exploded View (664 Only)	100-30-17
Jaw Clutch Exploded View	100-20-2	Installing Gatherer Auger (664 Only)	100-30-17
Installing Outer Drive Shaft (665R, 666 and 666R)	100-20-3	Drive Shaft Exploded View (664 Only)	100-30-20
Removing Inner Drive Shaft (665R, 666 and 666R)	100-20-3	Adjusting Main Drive Chain (664 Only)	100-30-21
Installing Inner Drive Shaft (665R, 666 and 666R)	100-20-4		
Removing Drive Shaft (664 Only)	100-20-5		
Installing Drive Shaft (664 Only)	100-20-6		

Continued on next page

Page

Adjusting Gatherer Auger Drive Chains (664
Only) 100-30-21

Group 35—Down-Crop Auger

Drive Of Lateral Auger 100-35-1

Angle Drive Of Lateral Auger 100-35-2

Group 40—Troubleshooting

Row-Crop Header Operation 100-40-1

Section 105

630, 630A, 645 and 645A Windrow Pickups

Contents

	Page	Page
Group 10—Pickup Frames		
630 and 630A Pickup Frame	105-10-1	
645 and 645A Pickup Frame	105-10-2	
645 and 645A Pivot	105-10-3	
Pickup Cylinder Frame	105-10-4	
Group 15—Pickup Cylinder Tine Control		
630 and 630A Tine Control Mechanism . .	105-15-1	
645 and 645A Tine Control Mechanism . .	105-15-2	
Tine Attachment	105-15-3	
Group 20—Pickup Auger		
630 and 645 Pickup Feed Auger	105-20-1	
630A and 645A Pickup Feed Auger	105-20-2	
L.h. Feeder Auger Carrier and Drive (630 and 645)	105-20-3	
L.h. Feeder Auger Carrier and Drive (630A and 645A)	105-20-4	
R.h. Feeder Auger Carrier and Drive (630 and 645)	105-20-5	
R.h. Feeder Auger Carrier and Drive (630A and 645A)	105-20-6	
Adjusting Scrapers	105-20-7	
Adjusting Feeder Finger	105-20-8	
Adjusting Feeder Auger Stops (630A and 645A)	105-20-9	
Group 25—Pickup Drive		
Drive With Radial-Pin Clutch (630 and 630A)	105-25-1	
Drive With Radial-Pin Clutch (645 and 645A)	105-25-2	
Gear case	105-25-3	
Gear Case Assembly	105-25-4	
Gear Case Lubrication	105-25-5	
Draining Gear Case (630 and 645)	105-25-5	
Filling Gear Case (630 and 645)	105-25-5	
Draining Gear Case (630A and 645A) . . .	105-25-5	
Filling Gear Case (630A and 645A)	105-25-6	
Adjusting Drive Chains (630 and 645) . . .	105-25-6	
Adjusting Drive Chains (630A and 645A) .	105-25-7	
Group 30—Transport Frame		
645 Only	105-30-1	
		Gauge Wheel and Hub 105-30-2
Group 35—Crop Deflector		
		Hydraulic Components 105-35-1
Group 40—Troubleshooting		
		Windrow Pickup Operation 105-40-1

Contents

SECTION 05—Safety

Group 05—Safety Information

SECTION 10—General

Group 05—Torques for Hardware

Group 10—Lubricants

Group 15—Row-Crop Header Specifications

Group 20—Windrow Pickup Specifications

SECTION 100—664, 665R, 666 and 666R

Row-Crop Headers

Group 05—Outer Units of 665R, 666 and 666R
Headers

Group 10—Transport Chains

Group 15—Cutting Disks and Bearing Arms

Group 20—Drives

Group 25—Transmission

Group 30—Gatherer Auger and Gatherer Auger
Drive

Group 35—Down-Crop Auger

Group 40—Troubleshooting

SECTION 105—630, 630A, 645 and 645A

Windrow Pickups

Group 10—Pickup Frames

Group 15—Pickup Cylinder Tine Control

Group 20—Pickup Auger

Group 25—Pickup Drive

Group 30—Transport Frame

Group 35—Crop Deflector

Group 40—Troubleshooting

Index

All information, illustrations and specifications in this manual are based on the latest information available at the time of publication. The right is reserved to make changes at any time without notice.

TM4530-19-15APR98

COPYRIGHT© 1998
DEERE & COMPANY
European Office Mannheim
All rights reserved
A John Deere ILLUSTRATION® Manual
Previous Editions
Copyright 1995 Deere & Company

BUY NOW

**Then Instant Download
the Complete Manual
Thank you very much!**