

## 621E Wheel Loader Repair Manual 87723028 A - EU

### Table of Contents

Description	Section No.
<b>General</b>	<b>Tab 1</b>
Section Index - General	
Standard Torque Specifications	1001
Fluids and Lubricants	1002
Metric Conversion Chart	1003
<b>Engines</b>	<b>Tab 2</b>
Section Index - Engines	
Engine and Radiator Removal and Installation	2000
Stall Tests	2002
After Cooler	2003
For Engine Repair, See the Engine Service Manual 87519803	
<b>Fuel System</b>	<b>Tab 3</b>
Section Index - Fuel System	
For Fuel System Repair, See the Engine Service Manual 87519803	
<b>Electrical</b>	<b>Tab 4</b>
Section Index - Electrical	
Removal and Installation of Starter and Alternator	4001
Electrical Specifications and Troubleshooting	4002
Batteries	4003
Instrument Cluster	4005
<b>Steering</b>	<b>Tab 5</b>
Section Index - Steering	
Removal and Installation of Steering Components	5001
Steering Specifications, Pressure Checks, and Troubleshooting	5002
Steering Cylinders	5005
Center Pivot	5006
Auxiliary Steering Motor and Pump	5008

# 621E Wheel Loader Repair Manual 87723028 A - EU

## Table of Contents

Description	Section No.
<b>Power Train</b>	<b>Tab 6</b>
Section Index - Power Train	
Removal and Installation of Power Train Components	6001
Transmission Specifications, Pressure Checks, and Troubleshooting	6002
Transmission	6003
Front Axle	6004
Rear Axle	6004
Drive Shafts, Center Bearing, and Universal Joints	6005
Wheels and Tires	6006
Transmission Control Valve	6007
<b>Brakes</b>	<b>Tab 7</b>
Section Index - Brakes	
Removal and Installation of Brake Components	7001
Hydraulic Brake Troubleshooting	7002
Brake Pump	7003
Brake Accumulators	7004
Parking Brake	7008
<b>Hydraulics</b>	<b>Tab 8</b>
Section Index - Hydraulics	
How to Read Hydraulic Schematics	8000
Removal and Installation of Hydraulic Components	8001
Hydraulic Specifications, Troubleshooting, and Pressure Checks	8002
Cleaning the Hydraulic System	8003
Hydraulic Pump	8004
Loader Control Valve	8005
Cylinders	8006
Coupler Solenoid Locking Valve	8007
Ride Control Accumulator	8013
Ride Control Valve	8014

**621E Wheel Loader  
Repair Manual  
87723028 A - EU**

**Table of Contents**

Description	Section No.
<b>Mounted Equipment</b>	<b>Tab 9</b>
Section Index - Mounted Equipment	
Air Conditioning Troubleshooting and System Checks For Systems with HFC-134a Refrigerant	9002
Air Conditioner System Service	9003
Removal And Installation Of Air Conditioning And Heater Components	9004
Loader	9006
Roll Over Protective Structure (ROPS), Cab Structural Frame (CSF)	9007
Cab Glass Installation	9010
<b>Electrical Schematic Foldouts and Hydraulic Schematic Foldout</b>	<b>In Rear Pocket</b>