621D Loader Service Manual 6-42964

Table of Contents

Description	Section No.	Form No
General	Tab 1	
Section Index - General		6-42730
Standard Torque Specifications	1001	8-71602
Fluids and Lubricants	1002	6-4298
Metric Conversion Chart	1003	7-52950
Loctite Product Chart		8-98902
Engines	Tab 2	
Section Index - Engines		6-4228
Engine and Radiator Removal and Installation	2000	6-4463
Engine and Radiator Removal and Installation P.I.N. JEE0135501 and Above	2000	6-4906
Stall Tests	2002	6-4299
For Engine Repair, See the Engine Service Manual		6-74500
E ul O ul u	T .1.0	
Fuel System	Tab 3	0 4000
Section Index - Fuel System		6-4230
For Fuel System Repair, See the Engine Service Manual		6-7450
Electrical	Tab 4	
Section Index - Electrical		6-4231
Removal and Installation of Starter and Alternator	4001	6-4464
Electrical Specifications and Troubleshooting	4002	6-4078
Electrical Specifications and Troubleshooting P.I.N. JEE0135501 and Above	4002	6-4893
Batteries	4003	6-4233
Information and Diagnostic Center	4005	6-4235
Alternator - 65 Ampere	4007	7-1226
Alternator - 45 Ampere	4008	6-4236
Steering	Tab 5	
Section Index - Steering		6-4237
Removal and Installation of Steering Components	5001	6-4465
Steering Specifications, Pressure Checks, and Troubleshooting	5002	6-4300
Steering Control Valve	5003	6-4239
Steering Priority Valve	5004	6-4240
Steering Cylinders	5005	6-4467
Center Pivot	5006	6-4242

621D Loader Service Manual 6-42964

Table of Contents

Description	Section No.	Form No.
Auxiliary Steering Motor and Pump	5008	6-42430
Power Train	Tab 6	
Section Index - Power Train	180 0	6-44681
Removal and Installation of Power Train Components	6001	6-44690
Transmission Specifications, Pressure Checks, and Troubleshooting	6002	6-43010
Transmission	6002	6-47310
Front Axle	6003	6-47310
Rear Axle		
	6004	6-47320
Drive Shafts, Center Bearing, and Universal Joints	6005	6-44700
Wheels and Tires	6006	6-44710
Transmission Control Valve	6007	6-42500
Brakes	Tab 7	
Section Index - Brakes		6-42510
Removal and Installation of Brake Components	7001	6-44721
Hydraulic Brake Troubleshooting	7002	6-43021
Brake Accumulators	7004	6-42531
Parking Brake	7008	6-44970
NOTE: For parking brake and brake pedal adjustments, see Section 9001.		• • • • • •
Hydraulics	Tab 8	
Section Index - Hydraulics		6-42550
Removal and Installation of Hydraulic Components	8001	6-44731
Hydraulic Specifications, Troubleshooting, and Pressure Checks	8002	6-43031
Cleaning the Hydraulic System	8003	7-49640
Cylinders	8006	6-42591
Coupler Solenoid Locking Valve	8007	6-42600
Pilot Pressure Accumulator and Ride Control Accumulator	8013	6-42621
Mounted Equipment	Tab 9	
Section Index - Mounted Equipment		6-42640
Pedals and Levers	9001	6-43040
Air Conditioning Troubleshooting and System Checks For Systems with HFC-134a Refrigerant	9002	6-42650
Air Conditioner System Service	9003	6-42660
Removal and Installation of Air Conditioning Components For Systems with HFC-134a Refrigerant	9004	6-42671