An Oshkosh Corporation Company

Service & Maintenance Manual

Liftlux

Model
203-24

S/N 12378 & 14130
S/N 15548 to Present

3121334

November 29, 2007

NQA ISO9001 REGISTERED COMPANY

UKAS QUALITY MANAGEMENT 015

An Oshkosh Corporation Company

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TABLE OF CONTENTS

SUBJECT - SECTION, PARAGRAPH **PAGE NO.**

SECTION A - INTRODUCTION - MAINTENANCE SAFETY PRECAUTIONS

A General 1-a
B Hydraulic System Safety 1-a
C Maintenance 1-a

SECTION 1 - SPECIFICATIONS

1.1 Operating Specifications 1-1
1.2 Dimensional Data 1-1
1.3 Capacities 1-1
1.4 Engine 1-2
Battery 1-2
1.5 Tires 1-2
1.6 Torque Requirements 1-2
1.7 Limit Switches 1-2
Platform Stowed/Jacks Retract Limit Switch 1-2
High Drive Speed Cutout Limit Switch 1-2
Maximum Drive Height Limit Switch 1-2
Maximum Height Limit Switch 1-2
Tilt Sensor 1-2
Outrigger Interlock Sensors 1-2
1.8 Pressure Setting 1-4
1.9 Major Component Weights 1-4
1.10 Critical Stability Weights 1-4
1.11 Lubrication 1-4

SECTION 2 - GENERAL

2.1 Machine Preparation, Inspection, and Maintenance 2-1
General 2-1
Preparation, Inspection, and Maintenance 2-1
Pre-Start Inspection 2-1
Pre-Delivery Inspection and Frequent Inspection 2-1
Annual Machine Inspection 2-1
Preventative Maintenance 2-1
2.2 Service and Guidelines 2-2
General 2-2
Safety and Workmanship 2-2
Cleanliness 2-2
Components Removal and Installation 2-2
Component Disassembly and Reassembly 2-3
Pressure-Fit Parts 2-3
Bearings 2-3
Gaskets 2-3
Bolt Usage and Torque Application 2-3
Hydraulic Lines and Electrical Wiring 2-3
Hydraulic System 2-3
Lubrication 2-3
Battery 2-3
Lubrication and Servicing 2-3
2.3 Lubrication and Information 2-4
Hydraulic System 2-4
Hydraulic Oil 2-4
Changing Hydraulic Oil 2-4
Lubrication Specifications 2-4
2.4 Operator Maintenance 2-5

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2.5 Cylinder Drift Test 2-9
Lift Cylinder Drift 2-9
2.6 Preventive Maintenance and Inspection Schedule 2-10

SECTION 3 - CHASSIS, PLATFORM & SCISSOR ARMS

3.1 Operating Characteristics 3-1
Leveling Jacks 3-1
3.2 Wheel Assembly 3-1
Drive System 3-1
Drive Hub 3-2
Roll Test 3-2
Leak Test 3-2
Lubricant 3-2
Tire Replacement 3-3
Wheel Replacement 3-3
Drive Motor 3-7
Motor Disassembly 3-8
Motor Assembly 3-8
3.3 Steering Assembly 3-9
3.4 Rear Axle Assembly 3-10
3.5 Outrigger Cylinder Removal 3-11
3.6 Engine Compartment 3-13
Hood Assembly 3-13
Deutz Engine 3-14
Engine Tray Slide 3-15
Glow Plugs 3-16
Engine Solenoid 3-16
Gear Pump Assembly 3-17
Exhaust Pipe Assembly 3-19
Air Filter Assembly 3-20
Engine Removal 3-21
Hydraulic Tank 3-22
Pressure Filter 3-23
3.7 Fuel Tank 3-24
3.8 Ground Control Panel 3-25
3.9 Battery Removal 3-26
3.10 Platform 3-27
Platform Control Box 3-27
Joystick Controller 3-28
Receptacles 3-29
Extension End Rails 3-30
Extension Side Rails 3-31
Main Platform End Rails 3-32
Main Platform Side Rails 3-33
Platform Removal 3-34
3.11 Ladder Installation 3-36
3.12 Scissor Arms 3-37
Limit Switches 3-37
Arm Guards 3-38
Scissor Arm Assembly Removal 3-39
Lift Cylinder Removal 3-42
Scissor Arms Disassembly 3-43

SECTION 4 - HYDRAULICS

4.1 Cylinders - Theory of Operation 4-1
Deck Extension Cylinder: 4-1
Lift Cylinder: 4-1
Outrigger Cylinders: 4-1

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Steer Cylinder: 4-1
4.2 Valves - Theory of Operation 4-1
Solenoid Control Valves (Bang-Bang) 4-1
Relief Valves 4-1
Crossover Relief Valves 4-1
Proportional Valve 4-1
4.3 Cylinder Checking Procedure 4-2
4.4 Cylinder Repair 4-2
Disassembly 4-2
Cleaning and Inspection 4-5
Assembly 4-6
4.5 Valves 4-15
Valve Compartment 4-15
Pressure Switch, Drive Enable 4-15
Brake Valve 4-16
Main Valve Block 4-17
Steering Valve 4-18
Drive Valve 4-20
Hand Pump 4-21
Lift/Lower Valve Block 4-22
Platform Lower Flow Valve 4-23
Outrigger Safety Valves 4-23

SECTION 5 - JLG CONTROL SYSTEM

5.1 Main Terminal Box Circuit Boards 5-1
5.2 Control Card Complex 2 5-2
General Description of Components and Functions 5-2
5.3 NIVOLUX - Automatic Self-Leveling System 5-5
Introduction 5-5
The System 5-5
Operation 5-5
NIVOLUX Board LED's 5-6
Setting and Adjustment of the NIVOLUX Board 5-6
5.4 PNP5 Circuit Board 5-8
System 5-8
Operation 5-8
Adjustment 5-8
5.5 Trigger Control Circuit Card 5-8
Relay K1 5-8
Relay K2 5-8
Relay K3 5-9
5.6 Limit Switch & Sensor Operation 5-9
Height Limit Switches 5-9
Tilt Switch 5-10
Outrigger Limit Switches 5-10
Pressure Switch 5-10
5.7 Engine Control System 5-11
Functional Description 5-11
5.8 Load Sensing system (LSS) 5-13
LSS Re-Calibration Procedure 5-13

SECTION 6 - GENERAL ELECTRICAL INFORMATION & SCHEMATICS

6.1 General 6-1
6.2 Multimeter Basics 6-1
Grounding 6-1
Backprobing 6-1
Min/Max 6-1
Polarity 6-1

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SECTION 1. SPECIFICATIONS

1.1 OPERATING SPECIFICATIONS

Table 1-1. Operating Specifications

Maximum Working Height	22.3 m (73.2 ft)
Maximum Platform Height	20.3 m (66.7 ft)
Turning Radius : Inside Outside	 1.2m (3.9 ft) 5.2 m (17.1 ft)
Maximum Work Load (Capacity) : Main Platform Platform Extension	 750 kg (1650 lbs) 500 kg (1100 lbs)
Maximum Platform Occupants	4
Tools and Equipment: Main Platform Platform Extension	 430 kg (1300 lbs) 180 kg (397 lbs)
Maximum Horizontal Manual Side Force	400N (90 Lb force)
Tilt Sensor Setting	3°
Maximum Operating Wind Speed	12.5 m/s (28 mph)
Gross Machine Weight (Approximate)	11,400 kg (25,132 lbs)
Drive Speed: Slow Fast	 0.2 m/s (0.6 ft/sec) 1 m/s (3.2 ft/sec)
Sideslope (Machine Stowed)	5°
Gradeability (Machine Stowed)	25%
Lift Speed (Platform Empty)	60 sec
Lowering Speed	60 sec
Maximum Operating Hydraulic Pressure	210 bar (3046 psi)
Power Supply	Diesel Engine
Maximum Ground Bearing Pressure: Outrigger Pads Tires	 9 kg/cm^2 (128 psi) 5 kg/cm^2 (71 psi)
Maximum Tire Load	4400 kg (9700 lbs)
Maximum Outrigger Pad Load	4290 kg (9548 lbs)
Electrical System Voltage	24 V
Ground Clearance	0.27 m (0.9 ft)

1.2 DIMENSIONAL DATA

Table 1-2. Dimensional Data

Machine Height: rails up rails down	 3.8 m (12.5 ft) 3 m (9.9 ft)
Platform dimensions: extension retracted (L x W) extension extended (L x W)	 4.6 x 2.4 m (15 x 7.9 ft) 7.4 x 2.4 m (24.3 x 7.9 ft)
Transport Dimensions (L x W x H): rails up rails down	 4.6 x 2.4 x 3.8 m (15 x 7.9 x 12.5 ft) 4.6 x 2.4 x 3 m (15 x 7.9 x 9.9 ft)

1.3 CAPACITIES

Table 1-3. Capacities

Fuel Tank	90 L (23.8 gal)
Hydraulic Tank	135 L (35.7 gal)
Engine Crankcase: with Filter without Filter	 10.5 L (11 qt) 10 L (10.6 qt)

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Service - Voltage Reading

⚠ CAUTION

DO NOT PIERCE WIRE INSULATION TO TAKE VOLTAGE READINGS.

It has been common practice in electrical troubleshooting to probe wires by piercing the insulation with a sharp point. This practice should be discouraged when dealing with the AMPSEAL plug assembly, or any other sealed connector system. The resulting pinholes in the insulation will allow moisture to invade the system by traveling along the wire strands. This nullifies the effectiveness of the connector seals and could result in system failure.

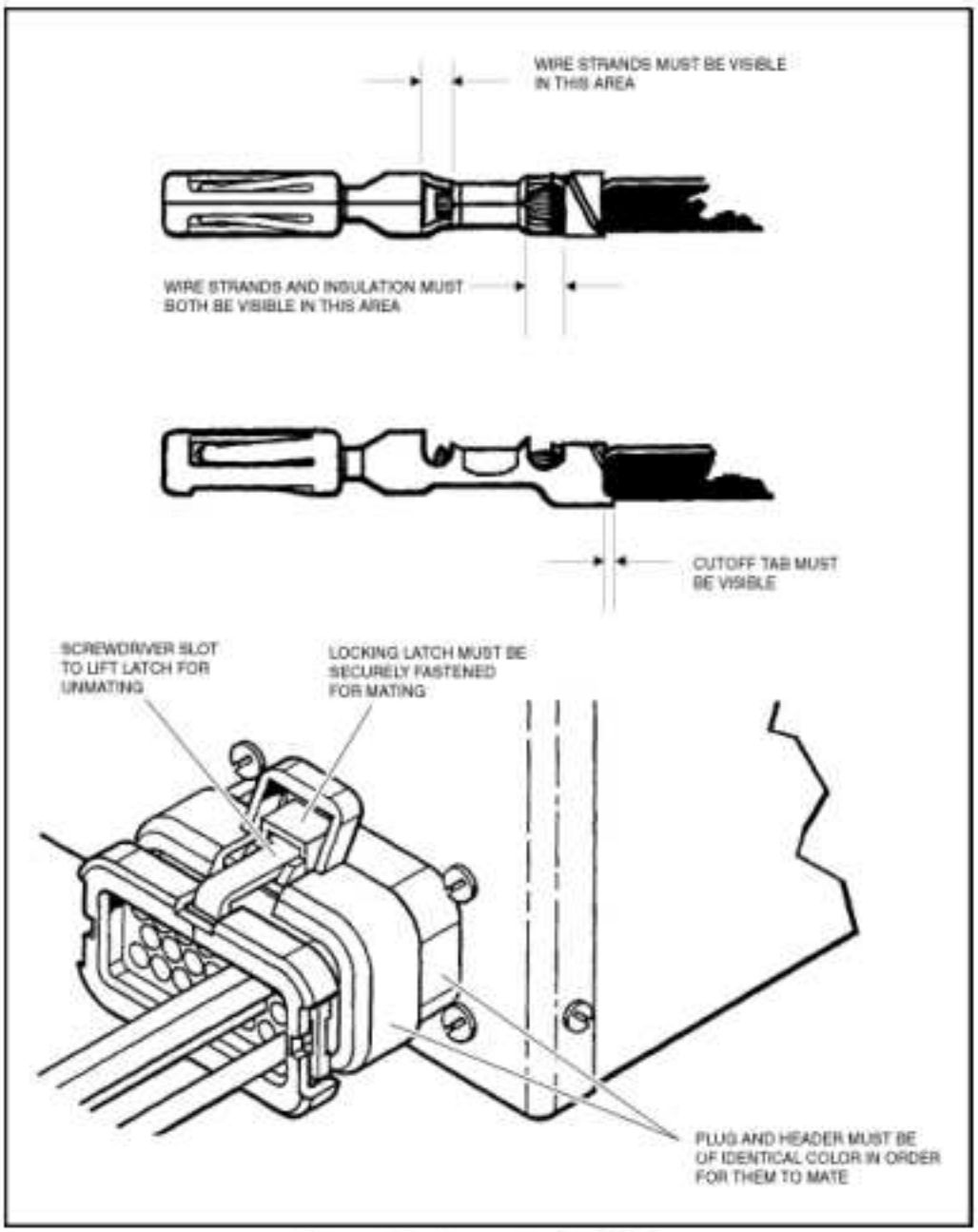


Figure 6-11. Connector Installation

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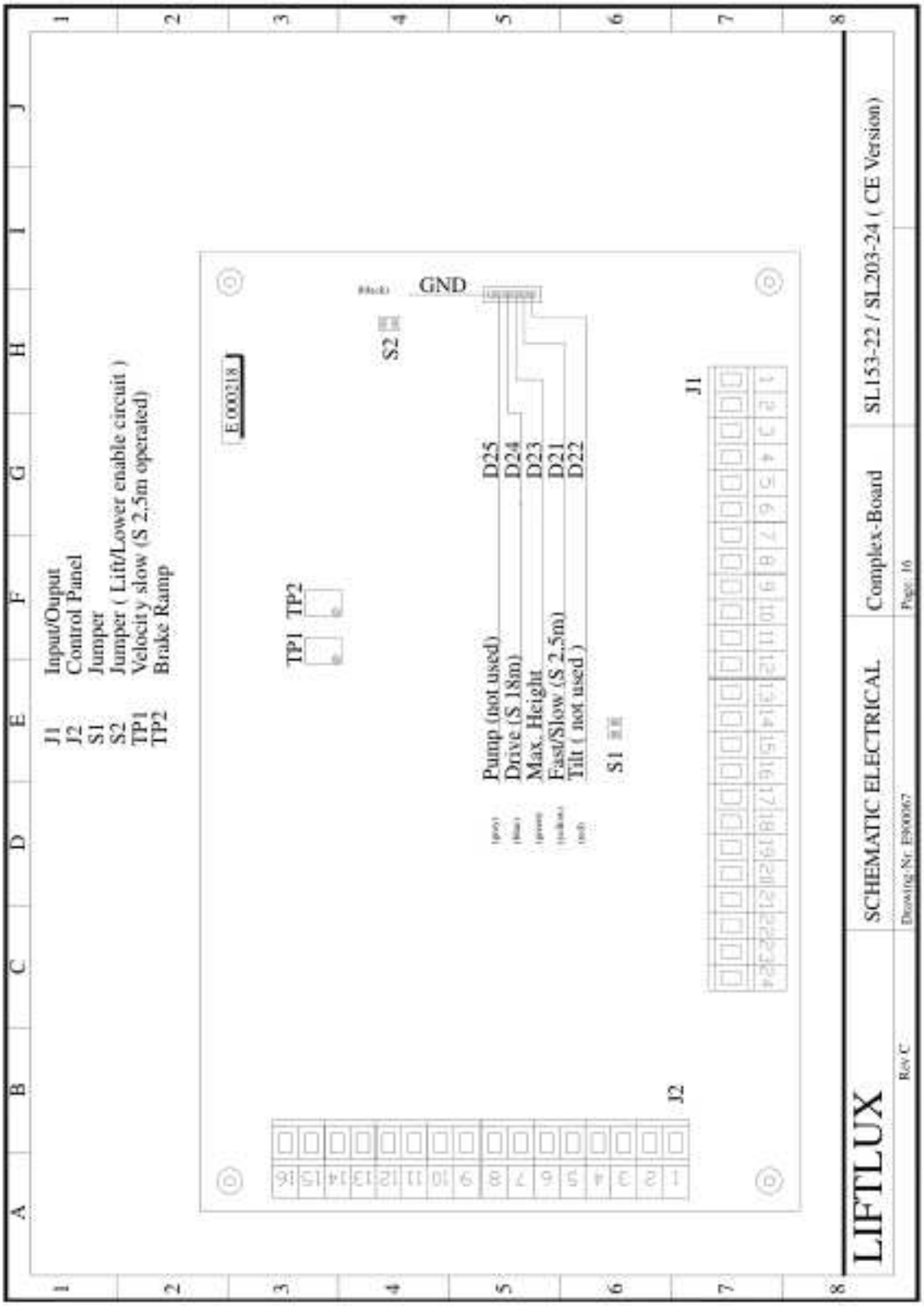


Figure 6-33. Electrical Schematic - Sheet 16 of 18

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