An Oshkosh Corporation Company

Service & Maintenance Manual

Liftlux

Model 260-25

S/N 22107 to Present

Including S/Ns- 19027, 20824, 21674 & 21990

3121343

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CE

An Oshkosh Corporation Company

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SECTION 1. SPECIFICATIONS

1.1 OPERATING SPECIFICATIONS

Table 1-1. Operating Specifications

Description	260-25
Maximum Working Height	28 m (91.9 ft)
Maximum Platform Height	26 m (85.3 ft)
Turning Radius: Inside Outside	 1.5 m (4.9 ft) 7 m (23 ft)
Wheelbase	4.75 m (15.6 ft)
Ground Clearance	0.18 m (0.6 ft)
Maximum Work Load (Capacity): Main Platform Platform Extension	 1000 kg (2204.6 lbs) 1000 kg (2204.6 lbs)
Maximum Platform Occupants	5
Tools and Equipment	600 kg (1322.8 lbs)
Maximum Horizontal Manual Side Force	400 N (90 Lbf)
Tilt Sensor Setting	3°
Maximum Operating Wind Speed	12.5 m/s (28mph)
Gross Machine Weight (Approximate)	24,300 kg (53,572 lbs)
Drive Speed: Creep Slow Fast	 135 sec/10 m (135 sec/33ft) 26 sec/10 m (26 sec/33ft) 11 sec/10 m (11 sec/33ft)
Lift Speed (to full height, no load)	85 sec
Lowering Speed (from max height)	100 sec
Maximum Operating Hydraulic Pressure	200 bar (2901 psi)
Power Supply	Diesel Engine
Maximum Ground Bearing Pressure: Outriggers Tires	 8 kg/cm² (113.8 psi) 7 kg/cm² (99.6 psi)
Maximum Outrigger Pad Load	11,000 kg (24,250 lbs)
Maximum Tire Load	10,000 kg (22,046 lbs)
Electrical System Voltage	24V
Sideslope (fully stowed)	5°
Gradeability (fully stowed)	25%

1.2 DIMENSIONAL DATA

Table 1-2. Dimensional Data

Description	260-25
Machine Height: rails up rails down	 4.2 m (13.8 ft) 3.2 m (10.5 ft)
Platform dimensions: extension retracted (L x W) extension extended (L x W)	 6.5 m x 2.5 m (21.3 ft x 8.2 ft) 9.6 m x 2.5 m (31.5 ft x 8.2 ft)
Transport Dimensions (L x W x H): rails up rails down	 6.9 x 2.5 x 4.2 m (22.6 x 8.2 x 13.8 ft) 6.9 x 2.5 x 3.2 m (22.6 x 8.2 x 10.5 ft)

1.3 CAPACITIES

Table 1-3. Capacities

Description	260-25
Fuel Tank	90 L (23.8 gal)
Hydraulic Tank	350 L (92.5 gal)
Engine Crankcase with Filter without Filter	 10.5 L (11 qt) 10 L (10.6 qt)

1.4 TIRES

Table 1-4. Tire Specifications

Description	260-25
Size	435/70 R20
Pressure (Foam Filled)	7.5 bar (109 psi)
Wheel Lug Nut Torque: (Dry) Front Axle: Rear Axle:	 680 Nm (501.5 lb ft) 680 Nm (501.5 lb ft)
Bolt Size	M20 x 1.5

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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.

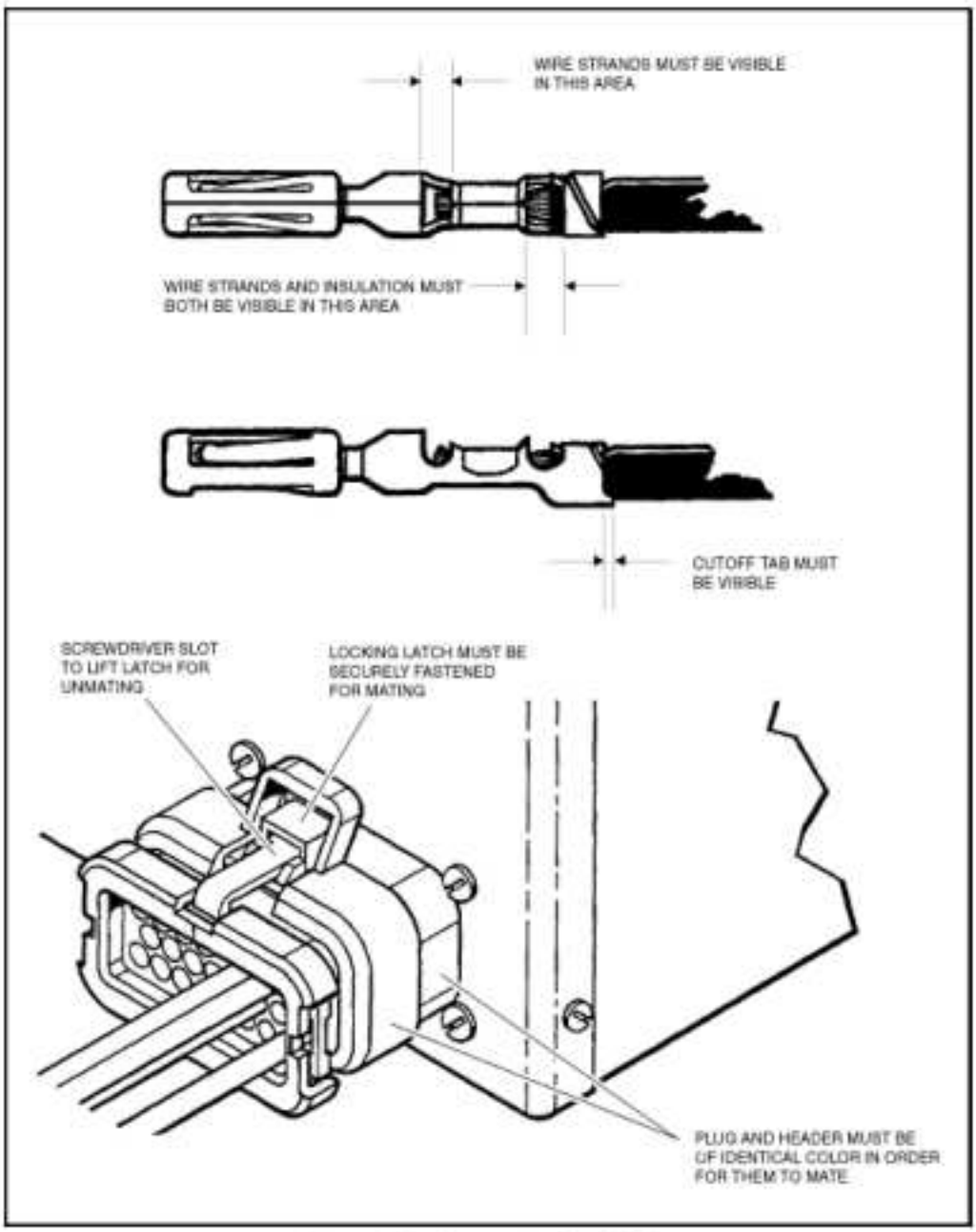


Figure 6-11. Connector Installation

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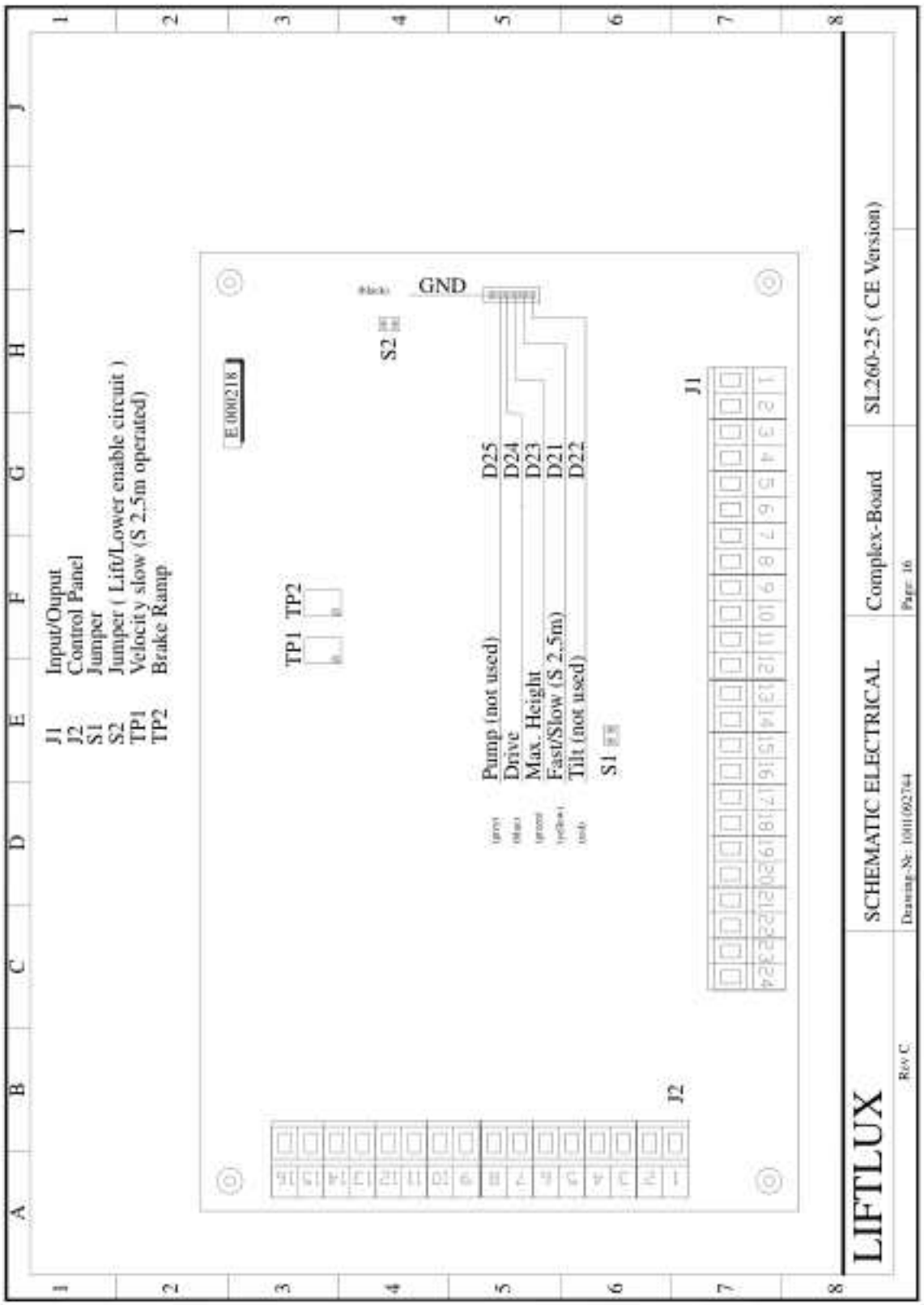


Figure 6-33. Electrical Schematic - Sheet 16 of 18

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