An Oshkosh Corporation Company

Service & Maintenance Manual

Models
3369LE
4069LE
M3369
M4069

3121122

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ANSI

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MidWestTech | JLG 3369LE, 4069LE, M3369, M4069 Scissor Lift Service Manual | Publication 3121122

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SECTION 1. SPECIFICATIONS

1.1 SPECIFICATIONS

Table 1-1. Operating Specifications

Description	3369LE/M3369	4069LE/M4069
Maximum Platform Height	33 ft (10.1 m)	40 ft (12.2 m)
Maximum Occupants	2	
Gross Machine Weight (minimum)	9760 lbs (4427 kg)	10,560 lbs (4790 kg)
Travel Speed: High Drive Fwd/Rev (sec/50 ft) Elevated Drive Fwd/Rev (sec/50 ft)	 10.6 - 12 sec 40 - 44 sec	
Lifting Speed: No Load Rated Load	 36 - 40 sec 38 - 44 sec	 52 - 60 sec 54 - 62 sec
Lowering Speed (no load)	43 - 48 sec	49 - 51 sec
Gradeability (platform stowed)	35%	
Turning Radius: Inside Outside	 7.5 ft (2.3 m) 16 ft (4.9 m)	
Maximum Platform Capacity -Platform -Platform Extension	 **ANSI/CSA/Brazil:** 1000 lbs (454kg) **CE/AUS:** 1000 lbs (450kg) **ANSI/CSA/Brazil:** 250 lbs (113kg) **CE/AUS:** 250 lbs (120kg)	 **ANSI/CSA/Brazil:** 800 lbs (363kg) **CE/AUS:** 800 lbs (360kg) **ANSI/CSA/Brazil:** 250 lbs (113kg) **CE/AUS:** 250 lbs (120kg)
Maximum Ground Bearing Pressure	57 psi (4 bar)	61 psi (4.3 bar)
Maximum Tire Load	3200 lbs (1452 kg)	3700 lbs (1680 kg)
Maximum Hydraulic System Pressure	3000 psi (207 bar)	
Electrical System Voltage	48Vdc	
Maximum Horizontal Manual Side Force	150 lb force (667 N)	120 lb force (534 N)
Tilt Sensor Setting: Side to Side Fore and Aft	 3° 5°	
Ground Clearance	8 in (20 cm)	
Wheelbase	91.5 in (2.3 m)	
Machine Height (w/ rails folded)	76.5 in (1.9 m)	79 in (2.01 m)
Machine Length (stowed)	121 in (3.1 m)	
Machine Width	69 in (1.75 m)	

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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.

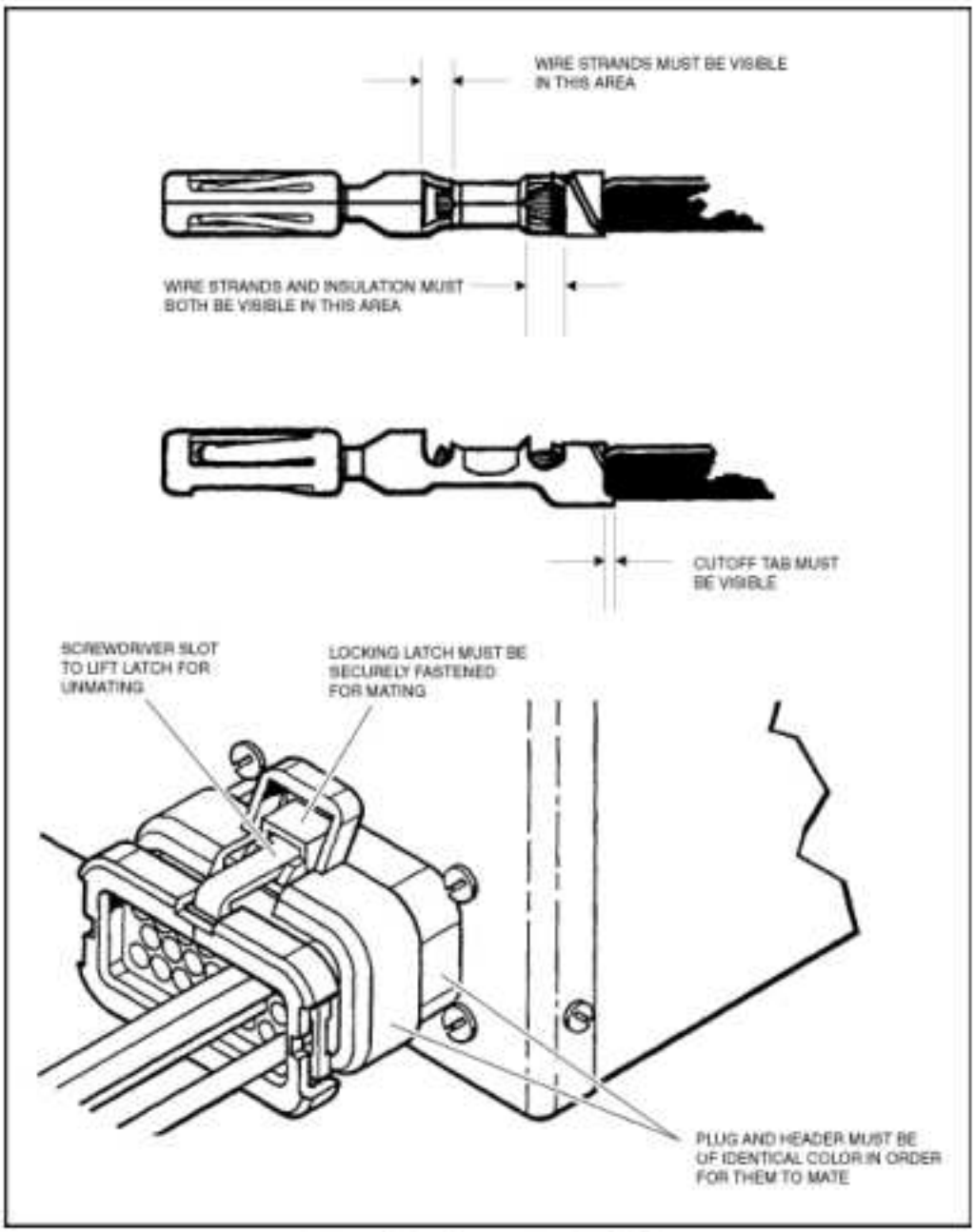


Figure 6-11. Connector Installation

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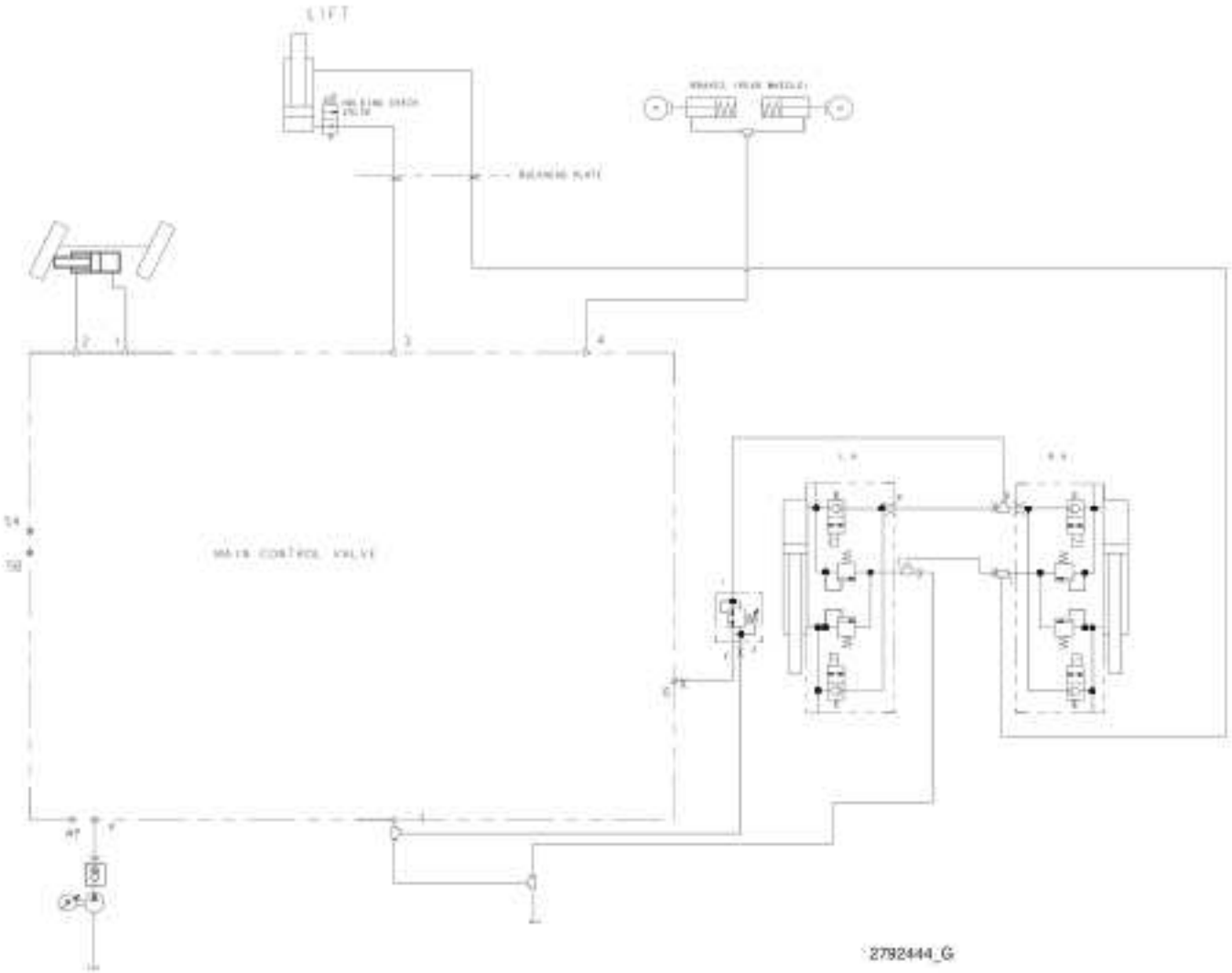


Figure 6-28. Hydraulic Diagram - 3369LE and M3369 (Oscillating Axle)

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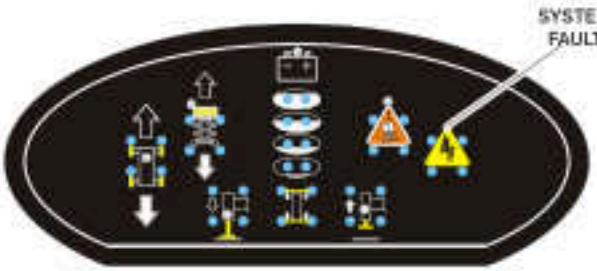
NOTE: *Refer to Table 5-3, Machine Model Adjustment, and Table 5-4, Machine Configuration Programming Information for the default settings.*

Password 33271 will give you access to level 1, which will permit you to change all machine personality and/or machine setup settings.

⚠ WARNING

CHANGING THESE SETTINGS MAY ADVERSELY AFFECT THE PERFORMANCE OF YOUR MACHINE.

The flash code is indicated on the face of the platform control box as shown:



NOTE: *For machines with software prior to P1.0, flash codes are also displayed on the handheld analyzer . For descriptions see,Table 5-1, Flash Codes/DTC's.*

NOTICE

IT IS A GOOD PRACTICE TO AVOID PRESSURE-WASHING ELECTRICAL/ELECTRONIC COMPONENTS. SHOULD PRESSURE-WASHING BE UTILIZED TO WASH AREAS CONTAINING ELECTRICAL/ELECTRONIC COMPONENTS, JLG INDUSTRIES, INC. RECOMMENDS A MAXIMUM PRESSURE OF 750 PSI (52 BAR) AT A MINIMUM DISTANCE OF 12 INCHES (30.5 CM) AWAY FROM THESE COMPONENTS. IF ELECTRICAL/ELECTRONIC COMPONENTS ARE SPRAYED, SPRAYING MUST NOT BE DIRECT AND BE FOR BRIEF TIME PERIODS TO AVOID HEAVY SATURATION.

5.2 PC BOARDS

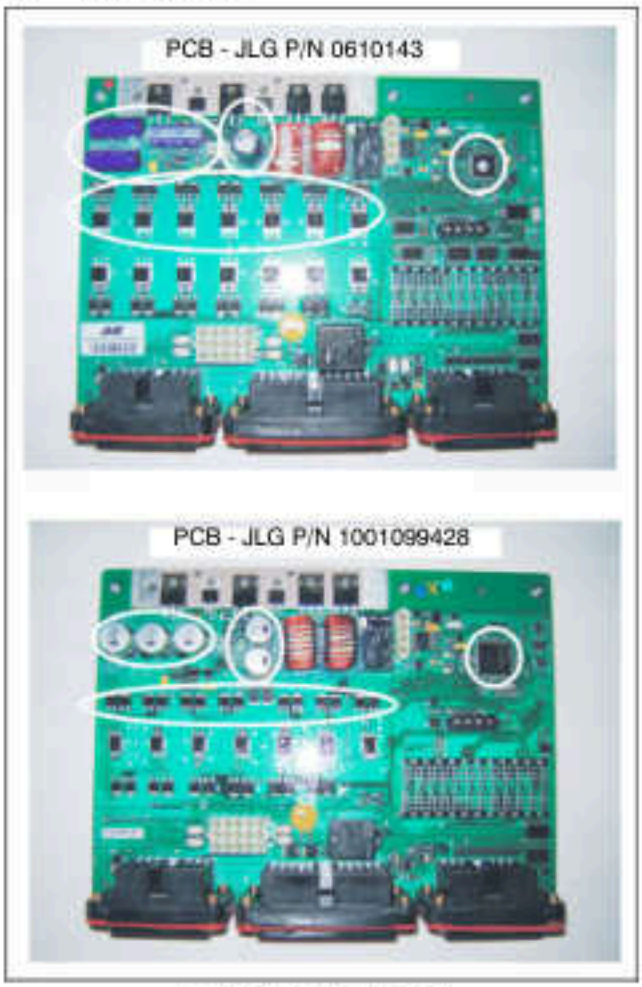


Figure 5-2. PC Boards

NOTE: *Figure 5-2., PC Boards, is shown for part distinguishing purposes. PC Board (p/n 1001099428) is used on machines with Software P1.0 and higher. PC Board (p/n 0610143) is used on machines prior to Software P1.0. Visually reference the circuits and chips circled in Figure 5-2. to determine which PC Board is in the machine.*

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4. Cut and remove the Wire Ties holding the Harness label to the harness. Next, remove the Wire Ties so that the cable sleeve can be moved, exposing the conductors of the harness.



5. Cut wire 106 going to the Engine/Generator Controller after the existing connection point and install the conductors that lead to the new in-line fuse holder. Use insulated butt splice connectors for these conductors.





6. Re-install the harness with the new fuse in place.



7. Reconnect the lift and APU start battery. The APU is now ready for use.

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