TEREX

Service Manual

Serial Number Range

AL4L

from AL4L10-001 to AL4L16-1499
and from AL4LJ-1500

AL5L

from AL5L10-001 to AL5L15-128

Part No. 229171
Rev B
August 2016

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SPECIFICATIONS REV B

Performance Specifications

Tongue weight, maximum	
AL4L with batteries	110 lbs 50 kg
AL5L with no fuel	146 lbs 66 kg
Run time	
AL4L with batteries	10 hours
AL5L	10 hours

Marathon Generator, AL4L

Generator speed @ full load	60 Hz	1800 rpm
Temperature, ambient maximum		104°F 40°C
Power		6 kw
Capacitor (disconnected)		25 µF

Marathon Generator, AL5L

Generator speed @ full load	60 Hz	1800 rpm
Temperature, ambient maximum		104°F 40°C
Power		8 kw
Capacitor (disconnected)		25 µF

Continuous improvement of our products is a Genie policy. Product specifications are subject to change without notice.

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Troubleshooting

Observe and Obey:

- ☑ Troubleshooting and repair procedures shall be completed by a person trained and qualified on the repair of this machine.
- ☑ Immediately tag and remove from service a damaged or malfunctioning machine.
- ☑ Repair any machine damage or malfunction before operating the machine.
- ☑ Unless otherwise specified, perform each repair procedure with the machine in the following configuration:
  - Machine parked on a firm, level surface
  - Mast in the stowed position
  - Light switches in the off position
  - Wheels chocked

Before Troubleshooting:

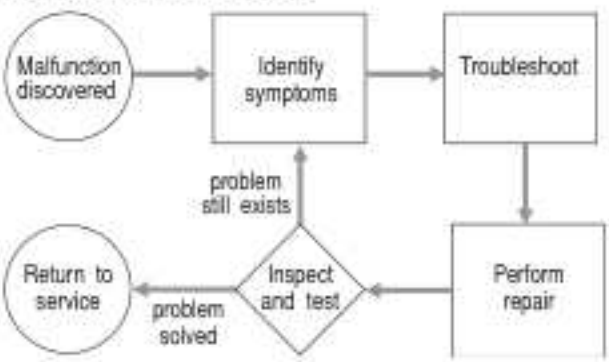
- ☑ Read, understand and obey the safety rules and operating instructions in the appropriate operator's manual on your machine.
- ☑ Be sure that all necessary tools and test equipment are available and ready for use.
- ☑ Be aware of the following hazards and follow generally accepted safe workshop practices.

⚠ DANGER Electrocution hazard. Exposure to electrically charged circuits could result in death or serious injury. Remove all rings, watches and other jewelry.

⚠ DANGER High voltage. Exposure to electrical wires or electrical current will result in death or serious injury. Remove all rings, watches and other jewelry. Turn off all power when not needed for testing. Use extreme caution when working with high voltage electrical components.

⚠ CAUTION Burn hazard. Contact with hot engine components may cause severe burns. Use caution when working around lamps or a hot engine.

General Repair Process



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Schematics

Observe and Obey:

- ☑ Troubleshooting and repair procedures shall be completed by a person trained and qualified on the repair of this machine.
- ☑ Immediately tag and remove from service a damaged or malfunctioning machine.
- ☑ Repair any machine damage or malfunction before operating the machine.

Before Troubleshooting:

- ☑ Read, understand and obey the safety rules and operating instructions in the appropriate operator's manual on your machine before attempting any maintenance or repair procedure.
- ☑ Be sure that all necessary tools and test equipment are available and ready for use.

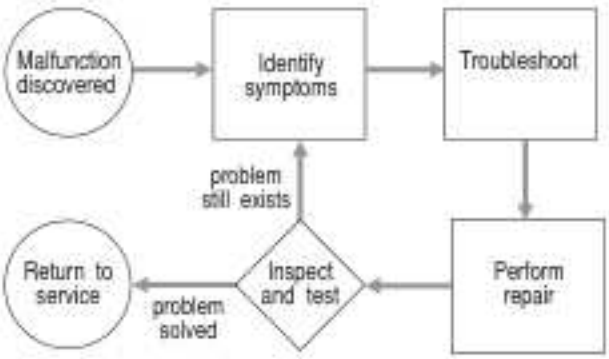
About This Section

There is one group of schematics in this section.

Electrical Schematics

⚠WARNING Electrocution/burn hazard. Contact with electrically charged circuits could result in death or serious injury. Remove all rings, watches and other jewelry.

General Repair Process



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