A TEREX COMPANY

Service Manual

Serial Number Range

DPL-25S
DPL-30S
DPL-35S
Super Series

from 1596-101
to 1501-915

from DPL02-916
to DPL16-2311

from DPL16G-2312
to DPL16G-2599

from DPLG-2600

Part No. 40462

Rev A6

September 2016

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Specifications

Model	DPL-25S	DPL-30S	DPL-35S
Height, maximum working	31 ft 4 in 9.5 m	36 ft 11 m	40 ft 9 in 12.4 m
Height, maximum platform	25 ft 4 in 7.7 m	30 ft 9.2 m	34 ft 9 in 10.6 m
Height, guard rails stowed	78 in 197.8 cm	78 in 197.8 cm	78 in 197.8 cm
Length, outriggers stowed	81 3/4 in 207.6 cm	81 3/4 in 207.6 cm	81 3/4 in 207.6 cm
Width, outriggers stowed	31 1/2 in 80 cm	31 1/2 in 80 cm	31 1/2 in 80 cm
Outrigger footprint (l x w)	82 x 56 1/2 in 208.3 x 143.5 cm	86 1/4 x 67 3/4 in 218.7 x 172.1 cm	86 1/4 x 67 3/4 in 218.7 x 172.1 cm
Platform dimensions (l x w)	72 x 27 1/2 in 182.9 x 69.9 cm	72 x 27 1/2 in 182.9 x 69.9 cm	72 x 27 1/2 in 182.9 x 69.9 cm
Lift capacity	750 lbs 340 kg	750 lbs 340 kg	600 lbs 272 kg
Power source	12V DC or 220V or 115V AC	12V DC or 220V or 115V AC	12V DC or 220V or 115V AC
Shipping weight (AC / DC)	1375 / 1450 lbs 624 / 658 kg	1475 / 1550 lbs 669 / 703 kg	1575 / 1650 lbs 714 / 748 kg
Maximum capacity			
ANSI	750 lbs / 340 kg	750 lbs / 340 kg	600 lbs / 272 kg
CE	750 lbs / 340 kg	750 lbs / 340 kg	600 lbs / 272 kg
CSA	600 lbs / 272 kg	600 lbs / 272 kg	500 lbs / 227 kg

Ambient operating temperature	-20°F to 135°F -29°C to 57°C
Airborne noise emissions Maximum sound level at normal operating workstations (A-weighted)	80 dB
Current Protection Rating	
220V AC models	8A fuse, circuit breaker 5A fuse, printed circuit board
110V AC models	15A fuse, circuit breaker 5A fuse, printed circuit board
DC models	175A fuse, power unit 5A fuse, printed circuit board

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Troubleshooting Flow Charts



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 printed in the *Genie DPL Super Series Operator's Manual*.
- ☑ Be sure that all necessary tools and test equipment are available and ready for use.
- ☑ Read each appropiate flow chart thoroughly. Attempting shortcuts may produce hazardous conditions.
- ☑ Be aware of the following hazards and follow generally accepted safe workshop practices.

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

⚠WARNING Bodily injury hazard. Spraying hydraulic oil can penetrate and burn skin. Loosen hydraulic connections very slowly to allow the oil pressure to dissipate gradually. Do not allow oil to squirt or spray.

NOTICE Perform all troubleshooting on a firm level surface.

NOTICE Two persons will be required to safely perform some troubleshooting procedures.

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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 printed in the *Genie AWP Super Series Operator's Manual and the Genie IWP Super Series Operator's Manual*.
- ☑ Be sure that all necessary tools and test equipment are available and ready for use.

About This Section

There are two groups of schematics in this section.

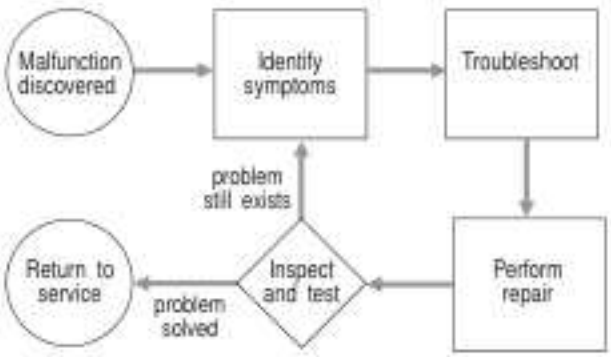
Electrical Schematics

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

Hydraulic Schematics

⚠WARNING Bodily injury hazard. Spraying hydraulic oil can penetrate and burn skin. Loosen hydraulic connections very slowly to allow the oil pressure to dissipate gradually. Do not allow oil to squirt or spray.

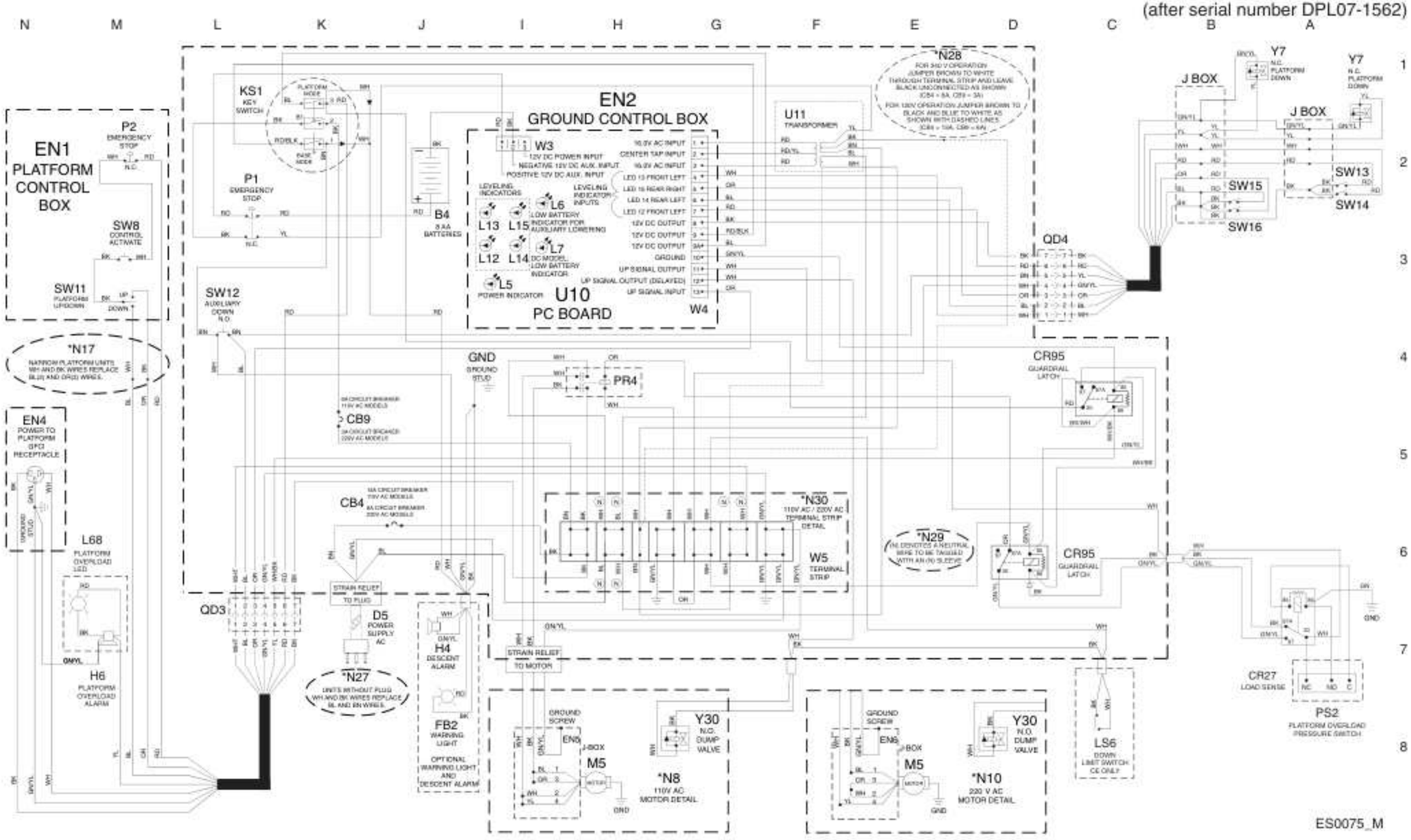
General Repair Process



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Electrical Schematic

DPL Super Series AC CE Models
(after serial number DPL07-1562)



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