A TEREX COMPANY

Service Manual

Serial Number Range

GRC -12

from GRC11-1000
to GRC16-2369

from GRC16P-2370
to GRC16P-4599

from GRCP-4600

Part No. 227123

Rev B1

September 2016

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Specifications

REV B

Machine Specifications

Batteries, Standard	
Voltage	6V DC
Group	GC2
Type	T-105
Quantity	4
Battery capacity, maximum	C20 = 225AH
Reserve capacity @ 25A rate	447 minutes

Batteries, Maintenance-free (option)	
Voltage	6V DC
Group	GC2
Type	6V-AGM
Quantity	4
Battery capacity, maximum	200AH
Reserve capacity @ 25A rate	380 minutes

DC Motor	
Voltage	24 V
Horse Power	4.5 HP @ 2950 RPM
Kilowatts	3.3 kW @ 2950 RPM

Fluid capacities	
Hydraulic tank	1.5 gallons 5.7 liters
Hydraulic system (including tank)	2.2 gallons 8.3 liters

For operational specifications, refer to the Operator's Manual.Tires and wheels

Height, stowed maximum	
GRC-12	66.8 in 1.69 m

Tires and wheels	
Tire size (solid rubber)	10 x 3 in 25.4 x 7.62 cm
Tire contact area	6.5 sq in 41.9 cm^2
Castle nut torque, lubricated	150 ft-lbs 203 Nm

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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.
- ☑ 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. An illustration legend precedes each group of drawings.

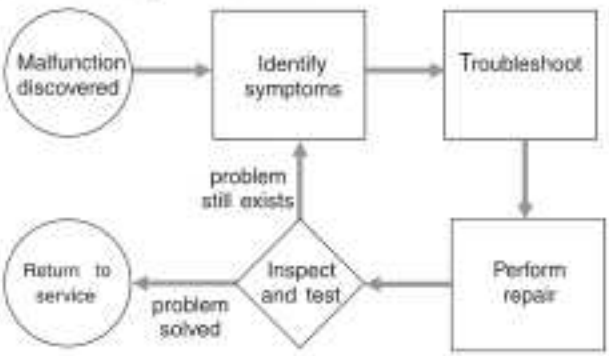
Electrical Schematics

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

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

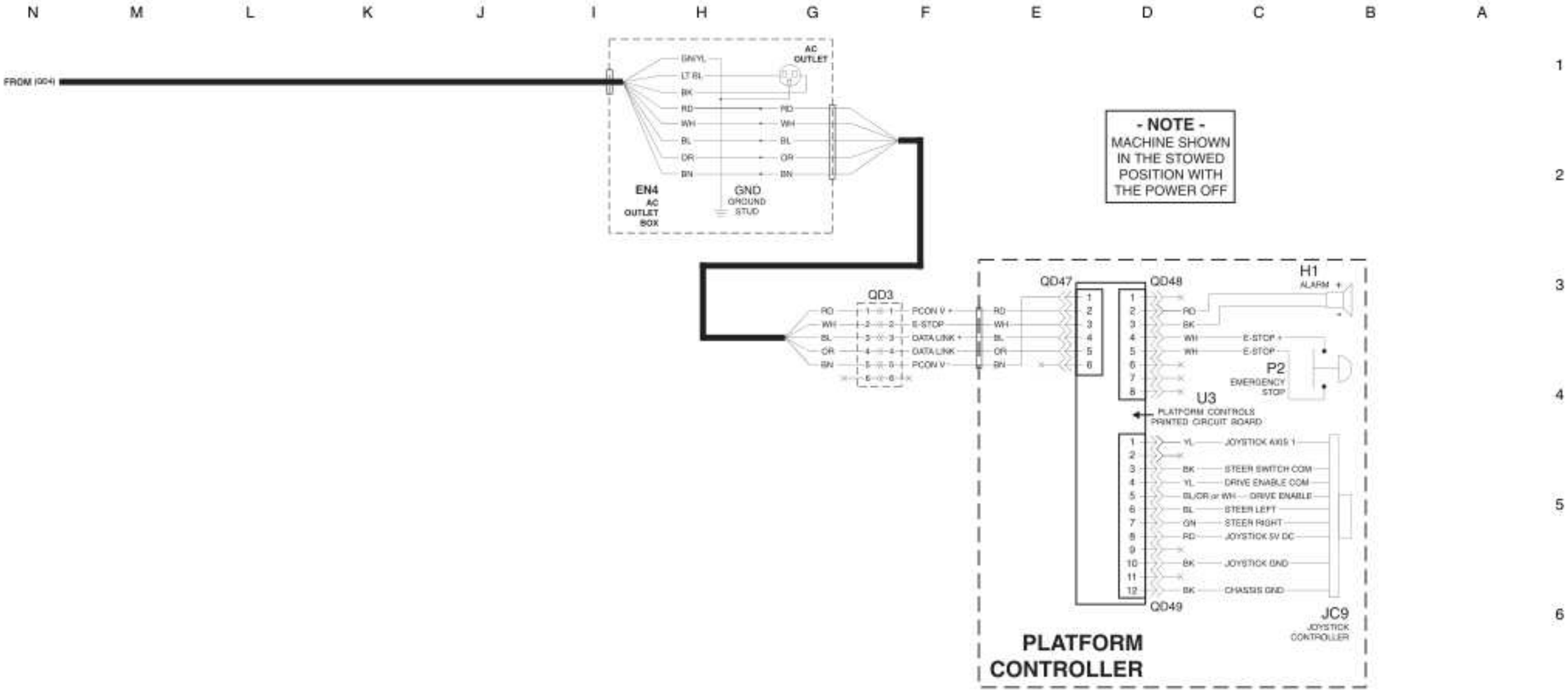


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REV D

Electrical Schematic • GRC

(from serial number GRC11-1079)



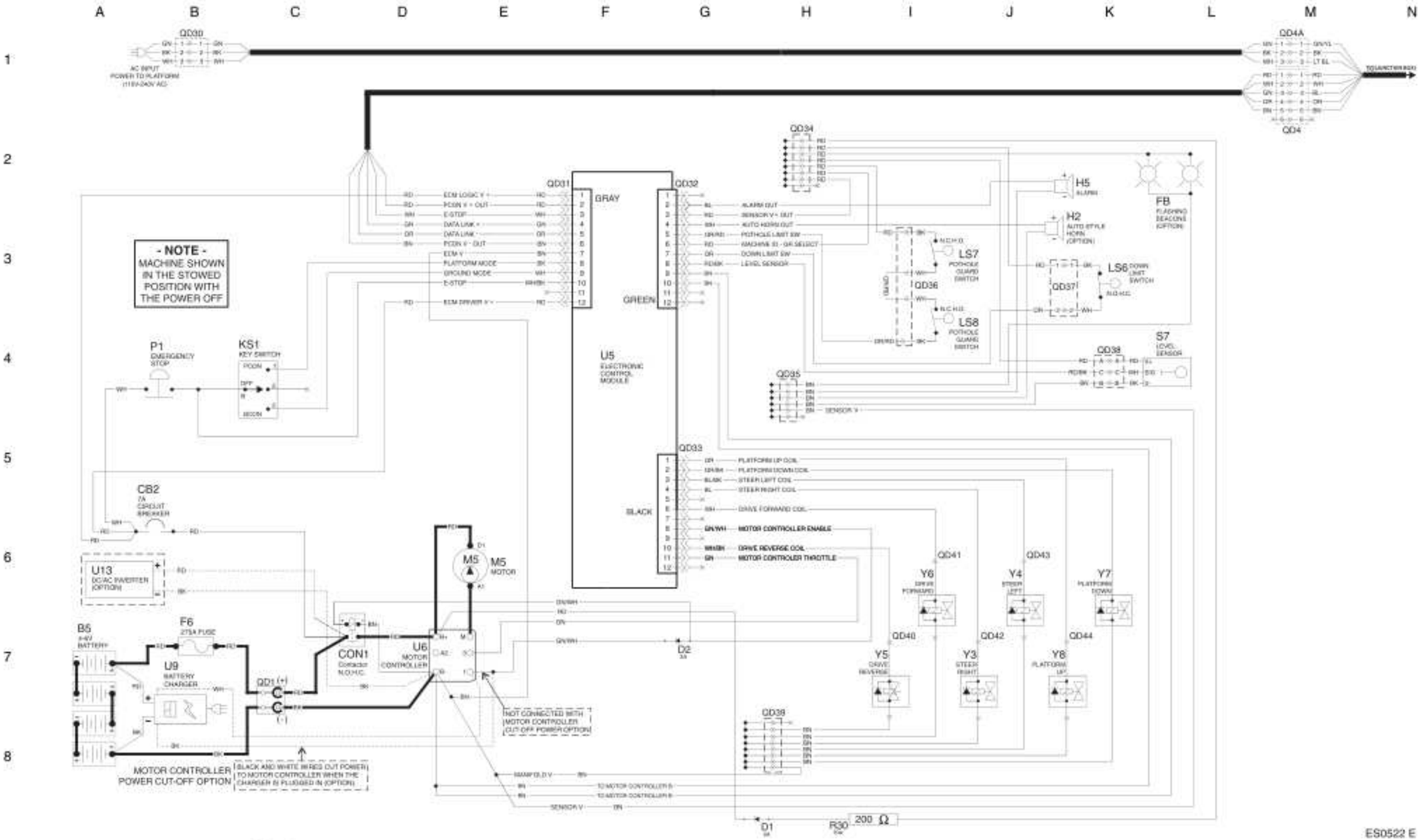
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