Genie®
A TEREX COMPANY

A TEREX BRAND

Service Manual

Serial Number Range

GTH-2506
(Deutz Stage IIIA - IIIB)

From GTH250614-101
to GTH250619M-1000

GTH-3007
(Deutz Stage IIIA - IIIB)

From GTH300716M-101
to GTH300719M-500

Part No. 57.4400.9214
Rev C
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Specifications

Machine Specifications

Fluid Capacities GTH-2506	
Fuel Tank	15.9 gallons 60 liters
Hydraulic tank	17.2 gallons 65 liters
Hydraulic system (including tank)	25 gallons 95 liters

Fluid Capacities GTH-3007	
Fuel Tank	23.7 gallons 90 liters
Hydraulic tank	19.8 gallons 75 liters
Hydraulic system (including tank)	27.7 gallons 105 liters

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

Tires and wheels GTH-2506	
Tire size	12 x 16.5
Tire ply rating	10
Weight, rough terrain tire wheel (air filled)	106 lbs 48 kg
Weight, rough terrain tire wheel (foam filled)	320 lbs 145 kg
Weight, rough terrain solid tire wheel	278 lbs 126 kg
Tire pressure (models with air-filled tires)	65 psi 4.5 bar
Lug nut torque	243 ft-lbs 330 Nm
Lug pattern	8 x 10.827
Wheel diameter	32.3 in 820 mm
Wheel width	12.3 in 313 mm

Tires and wheels GTH-3007	
Tire size	405/70 20
Tire ply rating	14
Weight, rough terrain tire wheel (air filled)	214,95 lbs 97.5 kg
Tire pressure (models with air-filled tires)	80 psi 5.5 bar
Lug nut torque	243 ft-lbs 330 Nm
Lug pattern	8 x 10.827
Wheel diameter	42.3 in 1076 mm
Wheel width	15.9 in 405 mm

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

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Fault Codes

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
  - Boom in the stowed position
  - Key switch in the off position with the key removed
  - Wheels chocked

Before Troubleshooting:

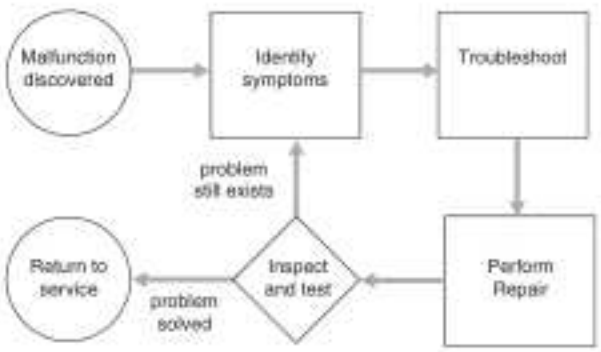
- ☑ Read, understand and obey the safety rules and operating instructions in the appropriate operator's manual on your machine.
- ☑ Be sure that all necessary tools and test equipment are available and ready for use.
- ☑ Be aware of the following hazards and follow generally accepted safe workshop practices.

⚠DANGER Crushing hazard. When testing or replacing any hydraulic component, always support the structure and secure it from movement.

⚠WARNING Electrocution/burn hazard. Contact with electrically charged circuits could 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.

General Repair Process



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Schematics

Observe and Obey:

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- ☑ 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.

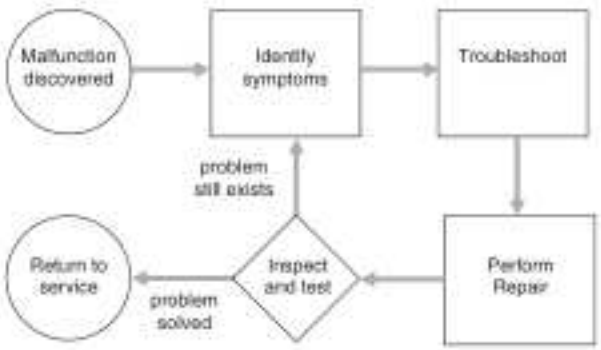
Electrical Schematics

⚠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.

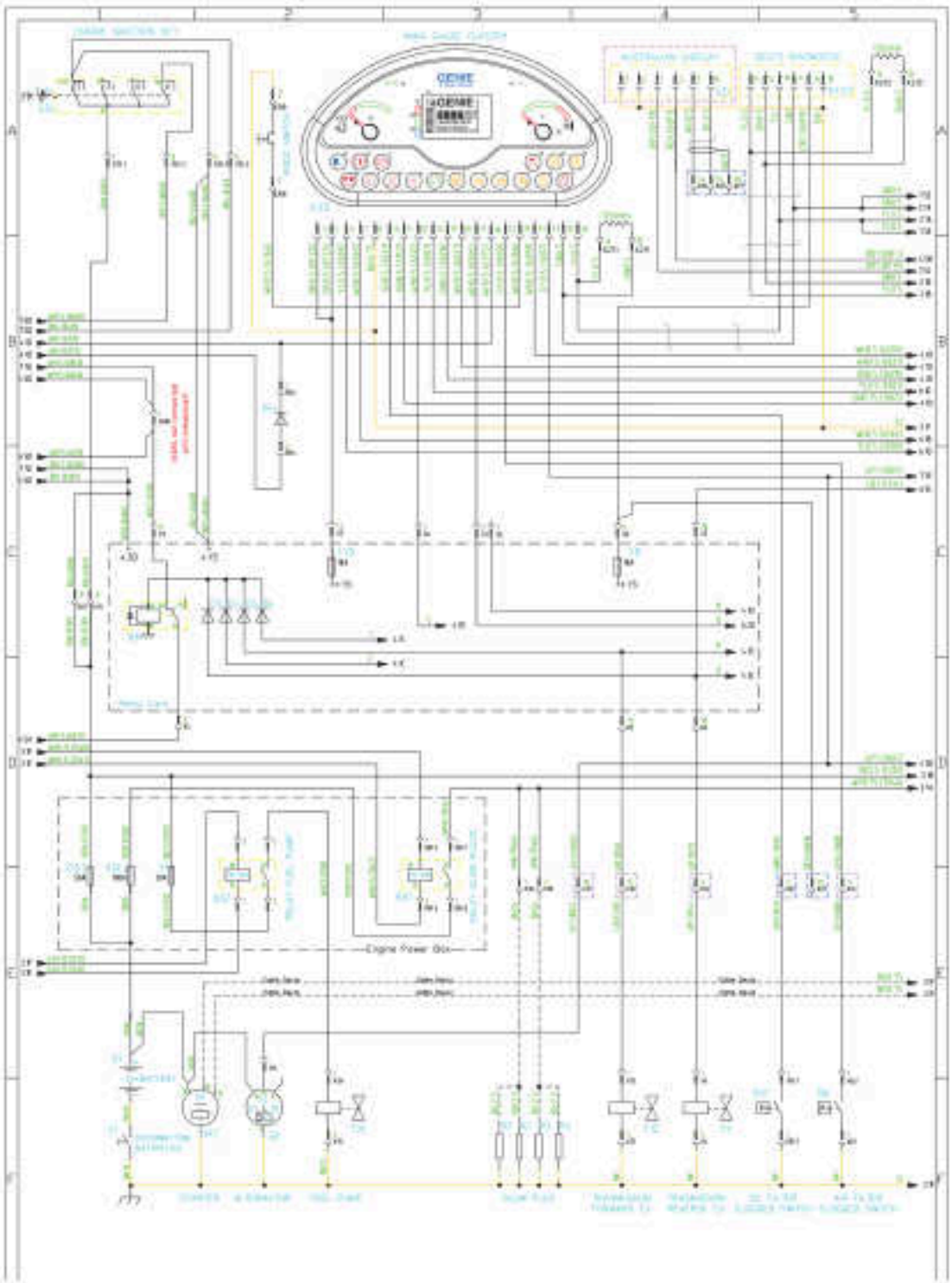
General Repair Process



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Electrical Schematic

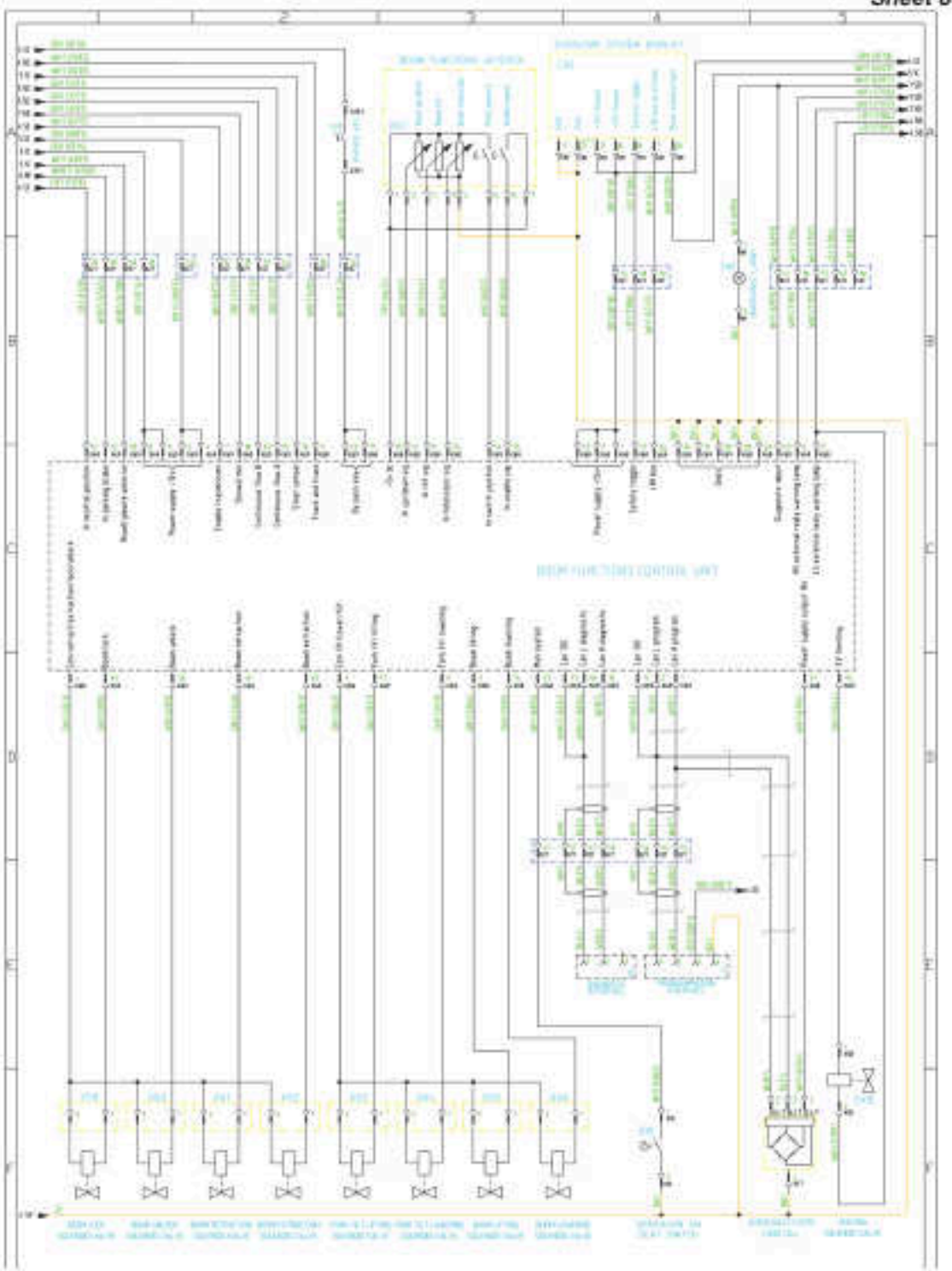
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ELECTRICAL SCHEMATIC

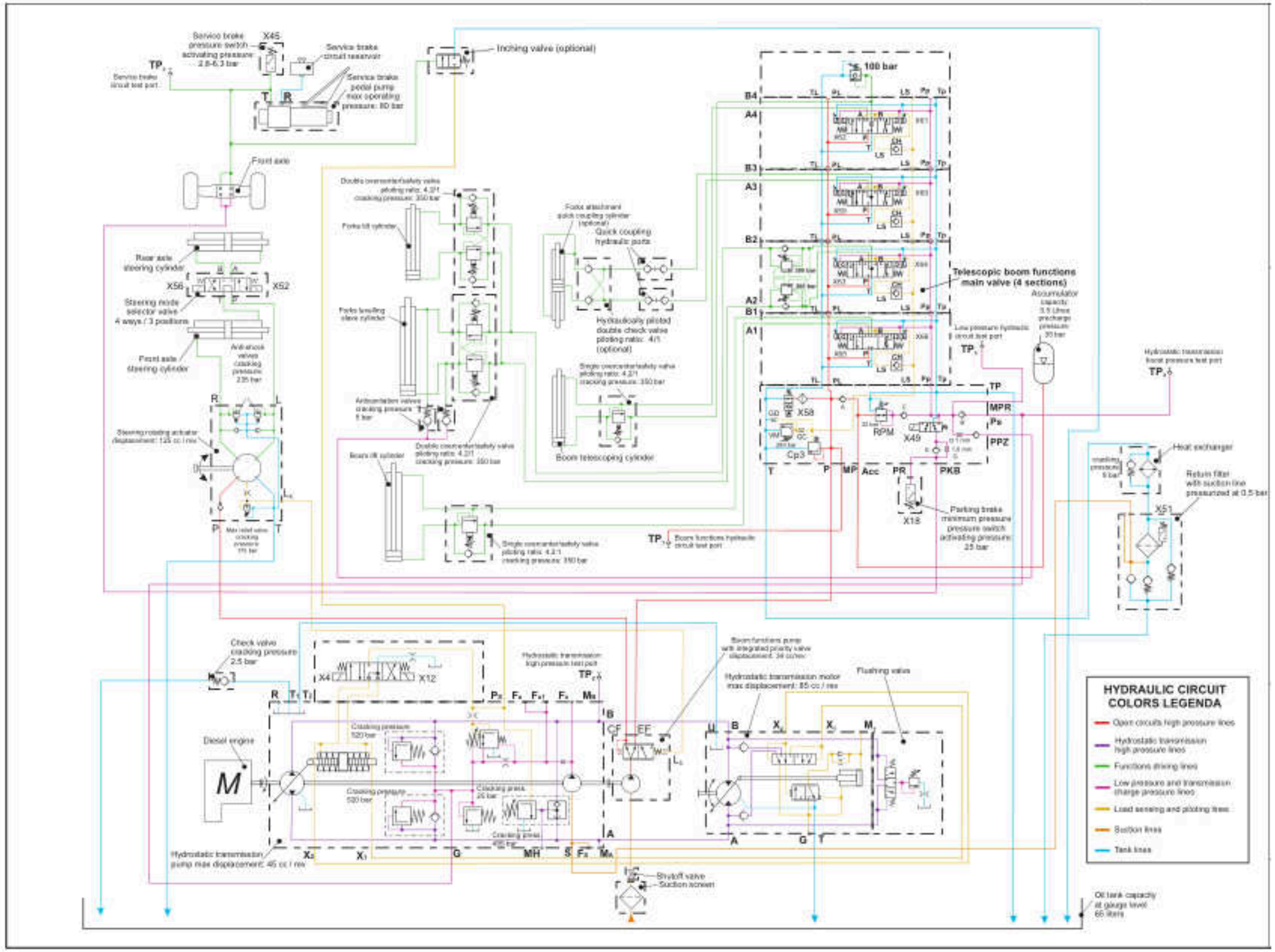
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From GTH300716M-101

Hydraulic Schematic - GTH-3007



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