A TEREX COMPANY

Service and Repair Manual

GTH™-1056

Serial Number Range

From GTH1016E-11305 to GTH1016E-11799
includes GTH1016E-11281
GTH1016E-11282
GTH1016E-11286

from GTH10E-11800 to GTH10E-12499

This manual includes:
Repair procedures
Fault Codes
Electrical and
Hydraulic Schematics

For detailed maintenance procedures, refer to the appropriate Maintenance Manual for your machine.

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Specifications

Machine Specifications

Tires and wheels	
Tire size	14.00 x 24
Tire ply rating	12
Weight, rough terrain tire (air filled)	315 lbs 142.9 kg
Weight, rough terrain tire (foam filled)	967 ±35 lbs 439 ±16 kg
Weight, rock lug tire (foam filled)	1013 ±35 lbs 459 ±16 kg
Tire pressure (models with air-filled tires)	50 psi 3.45 bar
Lug nut torque	465 ft-lbs 630 Nm
Lug Pattern	10 x 13.189
Wheel diameter	24 in 60.1 cm
Wheel width	9 in 22.9 cm

Fluid capacities	
Fuel tank	35 gallons 132.5 liters
Hydraulic tank	44 gallons 166.5 liters
Hydraulic system (including tank)	55 gallons 208.2 liters
DEF tank	2.6 gallons 10 liters

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Fault Codes



Observe and Obey:

- R Troubleshooting and repair procedures shall be completed by a person trained and qualified on the repair of this machine
- R Immediately tag and remove from service a damaged or malfunctioning machine.
- R Repair any machine damage or malfunction before operating the machine.
- R Unless otherwise specified, perform each 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:

- R Read, understand and obey the safety rules and operating instructions in the appropriate operator's manual on your machine.
- R Be sure that all necessary tools and test equipment are available and ready for use.
- R Read each appropriate fault code thoroughly. Attempting short cuts may produce hazardous conditions.
- R Be aware of the following hazards and follow generally accepted safe workshop practices.

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

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

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Schematics



Observe and Obey:

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

Before Troubleshooting:

- R Read, understand and obey the safety rules and operating instructions in the appropriate operator's manual on your machine.
- R 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.

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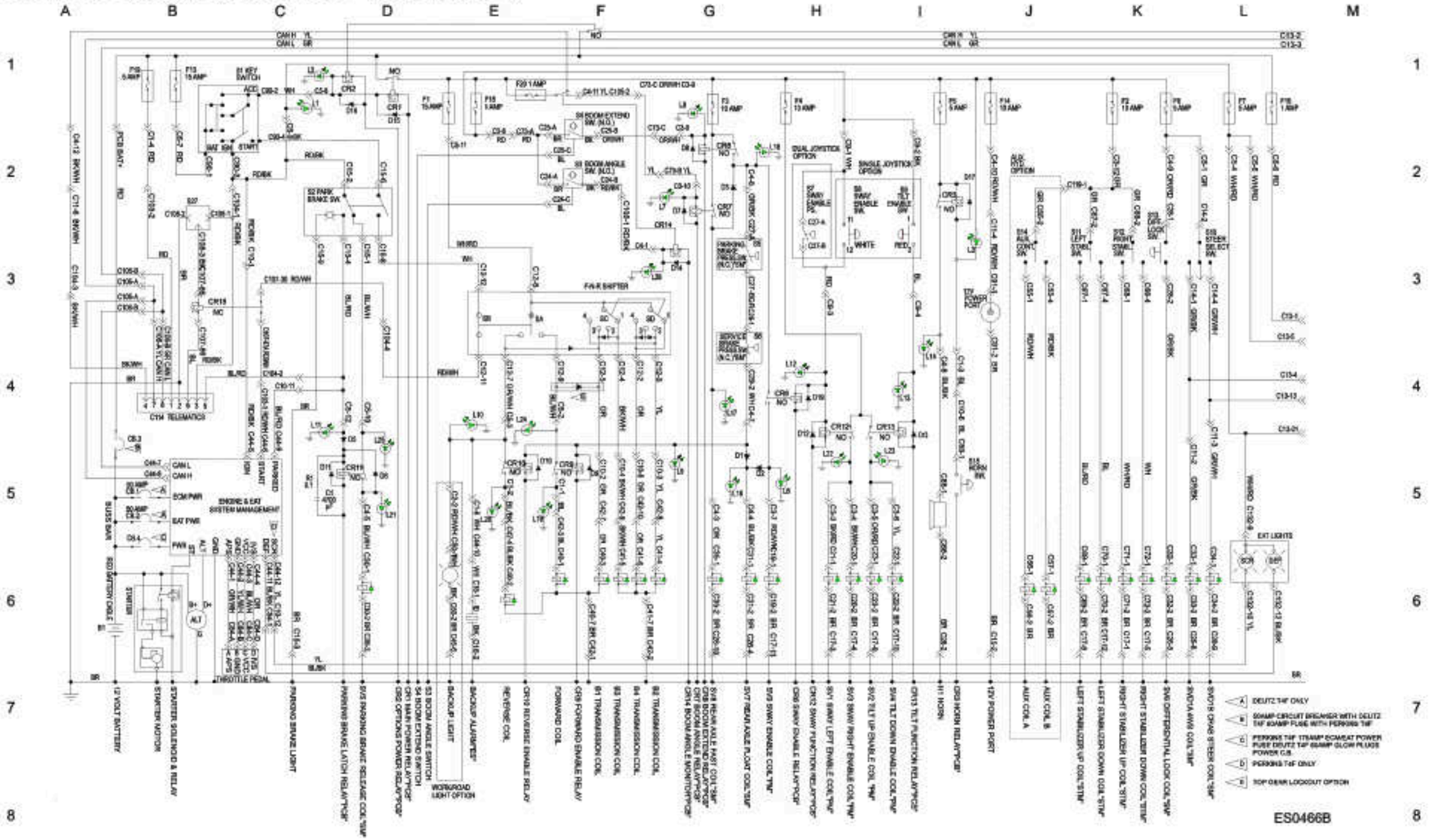
Revision History

Revision	Date	Section	Procedure / Page / Description
A	3/2016		Initial Release
A1	4/2016	Repair	Revise manifold torque values
B	8/2017	Specifications Repair Schematics	added T4F specifications added ZF transmission repair manual updated fuse panel layout; updated electrical component legend; added ES0466B; updated HS0201H and HS0202H
B1	4/2018	Schematics	Added ES0603; added Deutz Engine Harness: added HS0212
B2	4/2018		Moved ES603 and HS0212 to new SRM; added final serial number

Reference Examples:	Electronic Version
Section – Repair Procedure, 4-2	Click on any content or procedure in the Table of Contents to view the update.
Section – Fault Codes, All charts	
Section – Schematics, Legends and schematics	

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Electrical Schematic (from GTH10E-11890 to 12499)



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