Genie®
A TEREX COMPANY

Service and Repair Manual

	Serial Number Range
S®-60 XC™	from S60XCH-45010
S®-60 HF	
S®-60 TraX™	
S®-65 XC™	from S65XCH-45001 from S65XCM-101
S®-65 HF	
S®-65 TraX™	

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

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

Part No. 1288652GT
Rev C4
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Specifications

Machine Torque Specifications

Platform rotator	
1-8 center bolt, GR 5	500 ft-lbs 678 Nm
1/2 -13 bolts, GR 8	90 ft-lbs 122 Nm
Drive motor and hubs	
Drive hub mounting bolts, lubricated	159 ft-lbs 216 Nm
Drive motor mounting bolts, lubricated	52 ft-lbs 70.5 Nm
Turntable bearing	
Rotate bearing mounting bolts, lubricated	159 ft-lbs 216 Nm
Turntable rotation assembly	
Backlash pivot plate, lubricated	317 ft-lbs 430 Nm

TRAX Torque Specifications

Sprocket to hub adapter fasteners	
3/4 -10 nuts, GR 8, dry	317 ft-lbs 430 Nm
3/4 -10 nuts, GR 8, lubricated	281 ft-lbs 381 Nm
1/2 -13 FHS screws, dry	80 ft-lbs 108 Nm
1/2 -13 FHS screws, lubricated	60 ft-lbs 81 Nm
Hub adapter to drive hub fasteners	
Lug nut torque, dry	240 ft-lbs 325 Nm
Lug nut torque, lubricated	180 ft-lbs 244 Nm
Sprocket bearing hub fasteners	
1-14 bolts, GR 8, dry	650 ft-lbs 881 Nm
1-14 bolts, GR 8, lubricated	488 ft-lbs 662 Nm
Idler and bogey wheel fasteners	
3/4 -10 bolts, GR 8, dry	375 ft-lbs 508 Nm
3/4 -10 bolts, GR 8, lubricated	281 ft-lbs3 81 Nm

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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 procedure with the machine in the following configuration:
  - Machine parked on a firm, level surface
  - Key switch in the off position with the key removed
  - The red Emergency Stop button in the off position at both the ground and platform controls
  - Wheels chocked
  - All external AC power supply disconnected from the machine
  - Boom in the stowed position
  - Turntable secured with the turntable rotation lock
  - Welder disconnected from the machine (if equipped with the weld cable to platform option)

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.
- ☑ Read each appropriate fault code thoroughly. Attempting short cuts may produce hazardous conditions.
- ☑ 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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Electrical Schematic, Generators

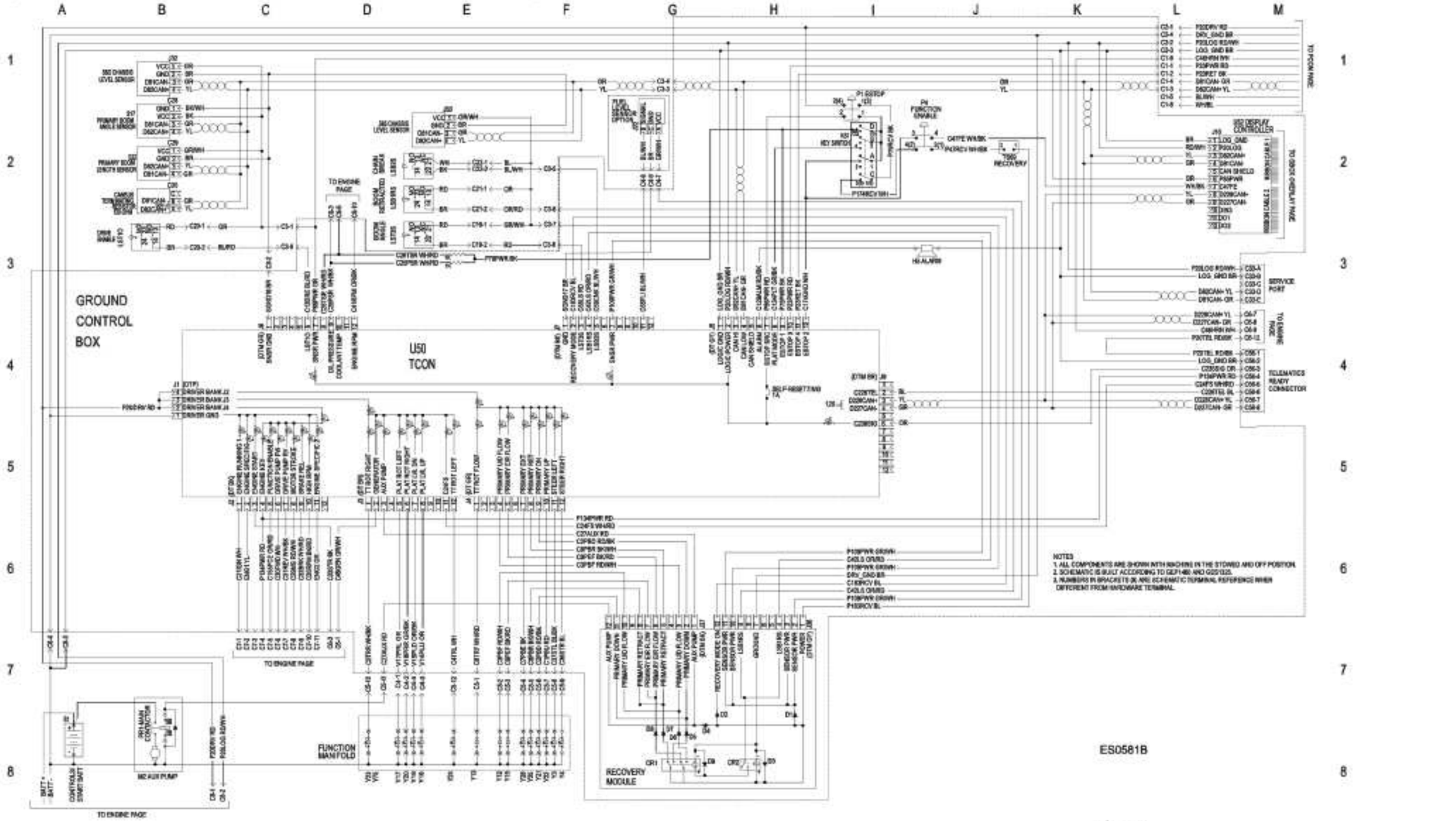


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Electrical Schematic, Turntable Controls

(from SN S60XCH-45010 to 45353, S65XCH-45001 to 45353, S65XCM-101)



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