Genie®
A TEREX COMPANY

Service and Repair Manual

SX™-135 XC™

Serial Number Range
SX135XCH-101

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. 1263383GT
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Specifications

Machine Specifications

Tires and wheels	
Tire size	445D50/710, FF
Tire ply rating	18
Tire weight, new foam-filled (minimum)	850 lbs 386 kg
Overall tire diameter	45.47 in 115.5 cm
Wheel diameter	28 in 71.1 cm
Wheel width	15 in 38.1 cm
Wheel lugs	10 @ 3/4 - 16
Lug nut torque, dry	320 ft-lbs 434 Nm
Fluid capacities	
Fuel tank	40 gal 151 liters
Hydraulic tank	60 gal 227 liters
Hydraulic system (including tank)	138 gal 522 liters
Drive hubs	67 fl oz 1981 cc
Turntable rotation drive hub	43 fl oz 1262 cc
Drive hub oil type: SAE 90 multipurpose hypoid gear oil API service classification GL5	

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

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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.

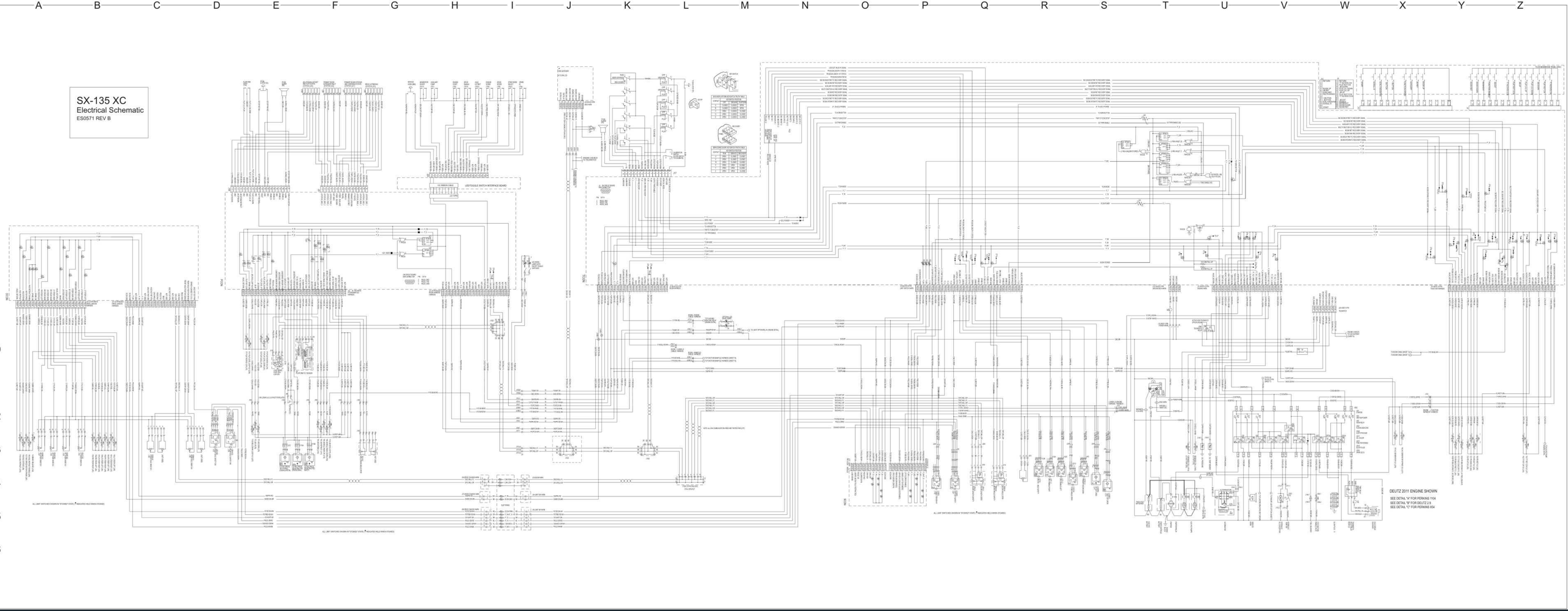
Note: Two persons will be required to safely perform some troubleshooting procedures.

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Perkins 854F-34T Engine Electrical Schematic



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