A TEREX COMPANY

Service and Repair Manual

Serial Number Range	
S®-40 XC™	from S40XCH-104
S®-40 HF	
S®-40 TraX™	
S®-45 XC™	from S45XCH-101
S®-45 HF	
S®-45 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. 1286829GT
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Specifications

Machine Specifications

Tires and wheels	
Tire size, rough terrain (Foam filled)	315/55D20 12 ply 20 in x 11 in wheel 50.8 cm x 27.9 cm wheel
Tire weight, rough terrain (minimum)	290 lbs 312 kg
Tire size, high flotation	33/16LL 500 10 ply 19.5 in x 14 in wheel 49.5 cm x 35.6 cm wheel
Tire pressure	38 psi / 2.6 bar
Tire weight, high flotation (minimum)	145 lbs 66 kg
Wheel lugs	9 @ 5/8 - 18
Lug nut torque, dry	240 ft-lbs 325 Nm
Lug nut torque, lubricated	180 ft-lbs 244 Nm

Track Components, TraX option	
Track material	Rubber
Weight (each)	480 lbs 218 kg

Fluid capacities	
LPG tank	33.5 pounds 15.2 kg
Fuel tank (standard)	20 gallons 75.7 liters
Fuel tank (optional)	30 gallons 113.6 liters
Hydraulic tank	45 gallons 170 liters
Hydraulic system (including tank)	55 gallons 208 liters
Drive hubs	20 fl oz 592 cc
Turntable rotation drive hub	8 fl oz 237 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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Control System Fault Codes

Control System

How to Retrieve Control System Fault Codes

The machine control system contains two different types of fault codes

Active Faults: These faults have been detected in the current operating session. The presence of an active fault will be reflected by the System Fault Indicator lights and the alarm.

Logged Faults: The faults contained in the fault log have occurred in the past and may or may not still be in effect.

Both faults may be viewed by pressing the Fault Button above the ground display and navigating to either the Active Machine Faults screen or the Machine Fault Log screen. The list of faults will by shown by fault code and the hour meter of when it occurred.

The fault lists can be browsed. To learn more about a fault entry, select it and press OK. A screen will be shown that describes the fault in more detail.

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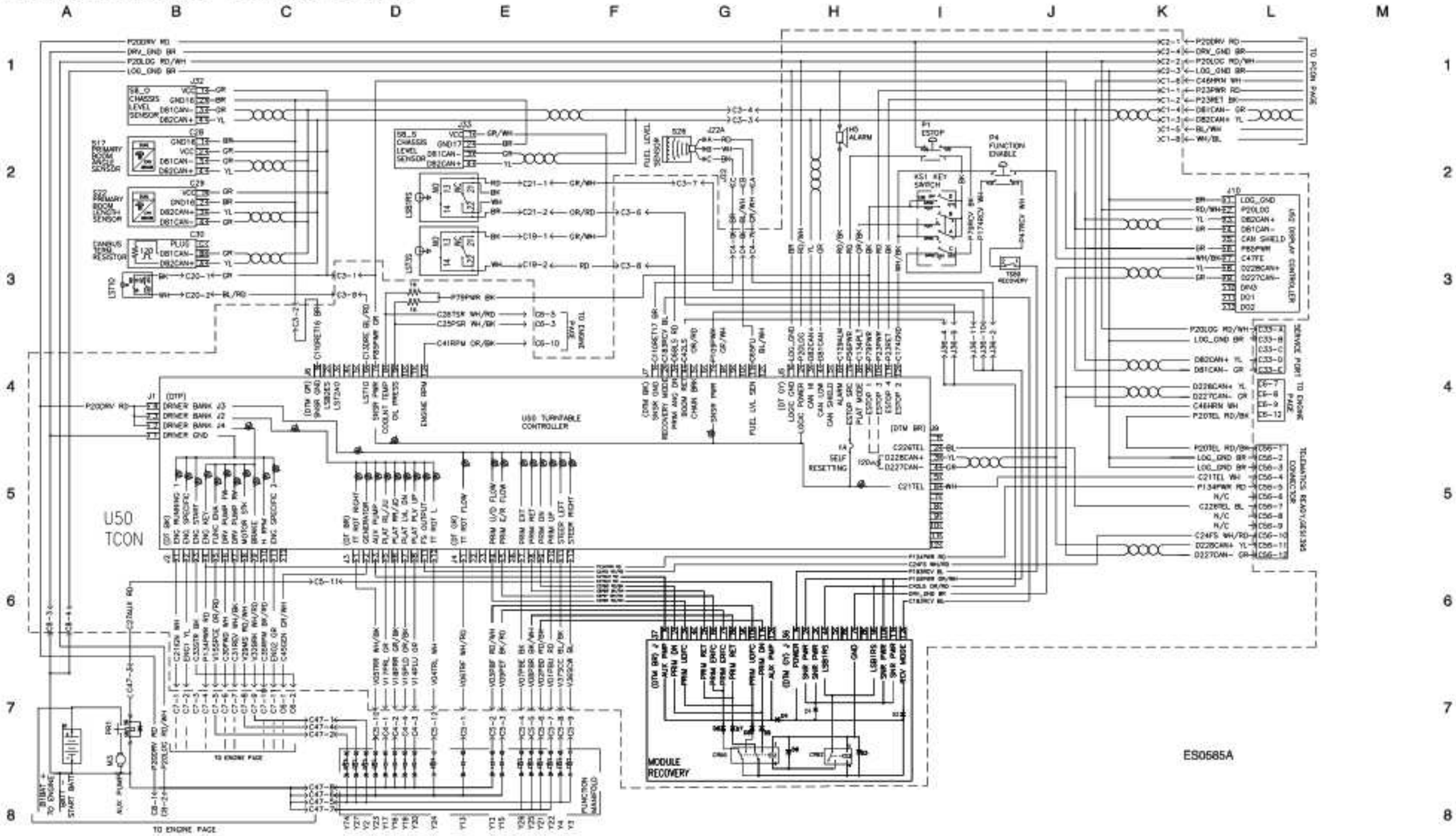
Electrical Schematic - Perkins 404F-E22T Models



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Electrical Schematic - Turntable Controls



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