A TEREX COMPANY

Service Manual

Serial Number Range

GS-3384

from 40001 to
GS8405-40832

Part No. 82259
Rev E1
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Specifications

REV D

Machine Specifications

Fluid capacity (before serial number 40297)	
Hydraulic tank	20 gallons 75.7 liters
Hydraulic system (including tank)	24 gallons 91 liters
Fuel tank	20 gallons 75.7 liters

Fluid capacity (after serial number 40296)	
Hydraulic tank	32 gallons 121 liters
Hydraulic system (including tank)	35 gallons 132.5 liters
Fuel tank	30 gallons 114 liters

Tire and wheels	
Wheel lugs	9 @ 5/8-18
Lug nut torque, dry	125 ft-lbs 169.5 Nm
Lug nut torque, lubricated	94 ft-lbs 127.4 Nm

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

Rough terrain, foam-filled	
Tire size	10-16.5 NHS
Tire ply rating, minimum	6
Tire contact area	77.8 sq in 502 cm^2
Overall tire diameter	31 in 79 cm
Wheel diameter	16.5 in 41.9 cm
Wheel width	8.25 in 21 cm
Weight	239 lbs (+/- 10 lbs) 108.4 kg (+/- 4.5 kg)

High Flotation, air-filled and foam-filled	
Tire size	33/16LL500
Tire ply rating	10
Tire contact area	48 sq in 309.7 cm^2
Tire diameter	33 in 83.8 cm
Tire width	16 in 41 cm
Wheel diameter	19.5 in 49.5 cm
Wheel width	14 in 35.6 cm
Weight, foam-filled	419 lbs (+/- 10 lbs) 190 kg (+/- 4.5 kg)
Weight, air-filled	157 lbs 71.2 kg
Pressure, air-filled	38 psi 2.6 bar

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

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REV A

Fault Code Chart
(after serial number GS8403-40212)

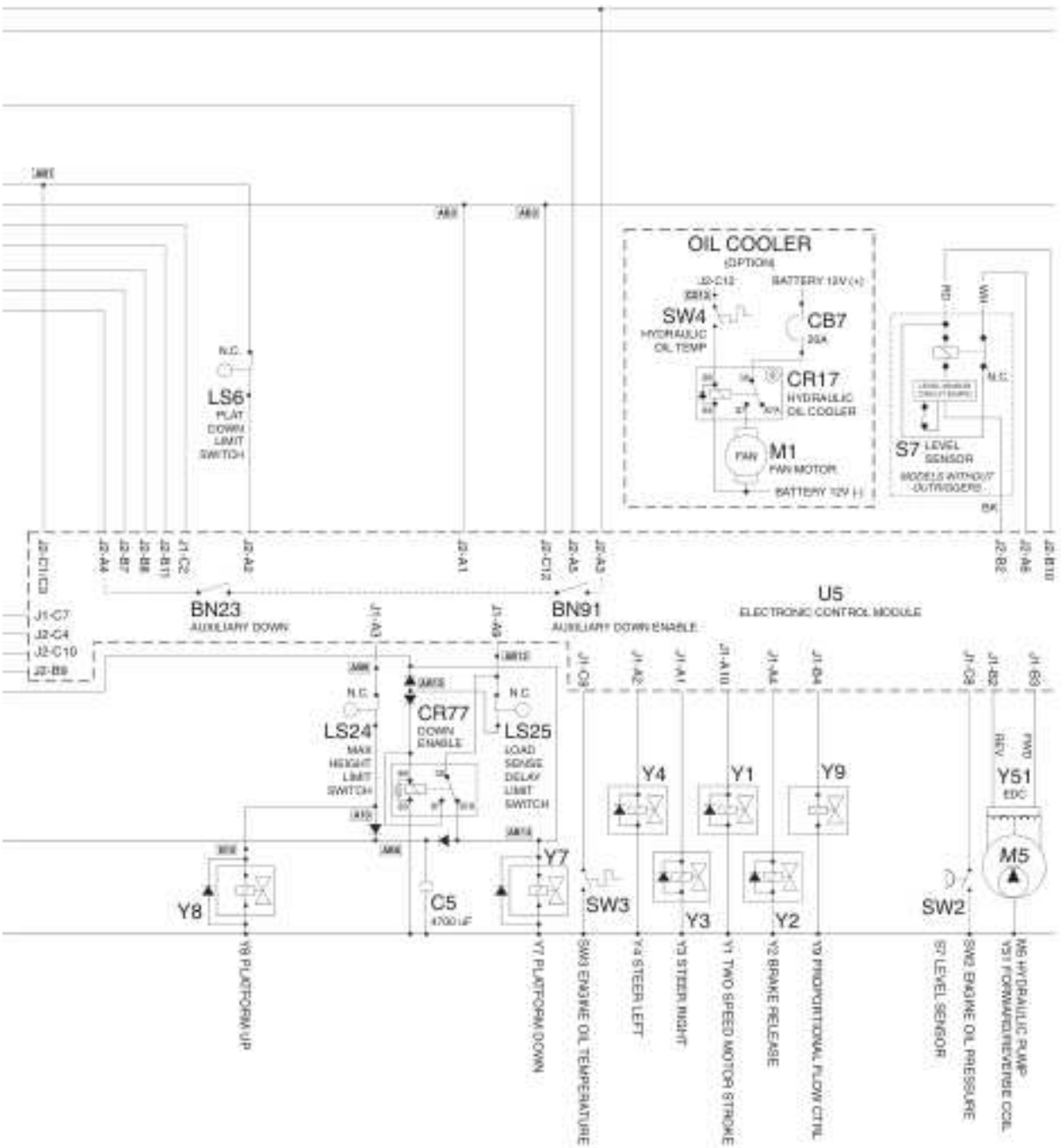
Fault Code	LED	Condition	Result	Solution
SYSTEM READY	Green	Normal operation		
01 INTERNAL ECU FAULT	Red	Internal ECM error.	System shutdown.	Replace ECM.
02 PLATFORM ECU FAULT	Red	Platform/ECM communication error.	System shutdown.	Troubleshoot control cable OR troubleshoot platform controls.
20 CHASSIS START SW FAULT	Red	Engine start button fault at ground controls.	Engine will not start.	Replace ECM.
21 CHASSIS CHOKE SW FAULT	Red	Starting aid button fault at ground controls.	Starting aid disabled.	Replace ECM.
22 CHASSIS UP SW FAULT	Red	Up switch fault at ground controls.	Platform up function inoperable.	Replace ECM.
23 CHASSIS LIFT SW FAULT	Red	Platform up/down enable button fault at ground controls.	Platform up/down functions disabled.	Replace ECM.
24 DOWN SW FAULT	Red	Down switch fault at ground controls.	Platform down function disabled.	Replace ECM.
25 LEFT TURN SW FAULT	Red	Left turn switch fault.	Malfunctioning steer left microswitch.	Troubleshoot steer left microswitch.
26 RIGHT TURN SW FAULT	Red	Right turn switch fault.	Malfunctioning steer right microswitch.	Troubleshoot steer right microswitch.
27 DRIVE ENABLE SW FLT	Red	Function enable switch on joystick is activated when machine is turned on.	Machine functions disabled.	Release function enable switch on joystick before power up OR replace joystick.
28 OFF NEUTRAL DRIVE JOYSTICK	Red	Drive joystick off neutral when machine is turned on.	Machine functions disabled.	Release joystick before power up OR replace joystick.
29 PLATFORM LIFT SW FAULT	Red	Lift enable button fault at the platform controls.	Lift function disabled.	Troubleshoot button OR replace printed circuit board at platform controls.
30 OFF NEUTRAL LIFT JOYSTICK	Red	Up/down switch off neutral.	Up/down function disabled.	Replace up/down switch at platform controls.
31 PLATFORM CHOKE SW FAULT	Red	Starting aid fault at the platform controls.	Starting aid disabled.	Troubleshoot button OR replace printed circuit board at platform controls.
32 PLATFORM START SW FAULT	Red	Engine start button fault at platform controls.	Engine will not start.	Troubleshoot button OR replace printed circuit board at platform controls.
33 LEFT FRONT OUTRIG SW FLT	Red	Left front outrigger enable button fault at platform controls.	Outriggers disabled.	Troubleshoot button OR replace printed circuit board at platform controls.

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Electrical Schematic

REV D

CE Models with Deutz Power
(from serial number GS8403-40213 to GS8405-40504)
Part 2 of 3



- NOTE -
MACHINE SHOWN IN THE STOWED POSITION WITH THE POWER OFF

ES7175A

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