Genie®
A TEREX COMPANY

Service Manual

Serial Number Range

GS™-1530/32
from GS3005A-76000
to GS3011A-109999
from GS3005B-76000
to GS3009B-98941

GS™-1930/32
from GS3008C-101
to GS3011C-9999

GS™-2032
from GS3205-75407
to GS3209-94602
from GS3209A-94603
to GS3212A-109999

GS™-2632
from GS3205B-76000
to GS3209B-98941

GS™-3232
from GS3208C-101
to GS3212C-9999

GS™-2046
from GS4605-75438
to GS4609-95192
from GS4609A-95193
to GS4611A-109999

GS™-2646
from GS4608C-101
to GS4612C-9999

GS™-3246

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MidWestTech | Terex Genie GS-1530/32, GS-1930/32, GS-2032, GS-2632, GS-3232, GS-2046, GS-2646, GS-3246 Scissor Lift Service Manual | Publication 97385
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SPECIFICATIONS REV G

Manifold Component Specifications

Plug torque	
SAE No. 2	50 in-lbs / 6 Nm
SAE No. 4	13 ft-lbs / 18 Nm
SAE No. 6	18 ft-lbs / 24 Nm
SAE No. 8	50 ft-lbs / 68 Nm
SAE No. 10	55 ft-lbs / 75 Nm
SAE No. 12	75 ft-lbs / 102 Nm

Valve Coil Resistance

Note: The following coil resistance specifications are at an ambient temperature of 68°F / 20°C. As valve coil resistance is sensitive to changes in air temperature, the coil resistance will typically increase or decrease by 4% for each 18°F / -7.7°C that your air temperature increases or decreases from 68°F / 20°C.

Description	Specification
Solenoid valve, 3 position 4 way 20V DC with diode (schematic items F and AC)	27.2Ω
Solenoid valve, 3 position 4 way 20V DC with diode (schematic item E)	19Ω
Solenoid valve, 2 position 4 way 20V DC with diode (schematic item H and AI)	19Ω
Solenoid valve, 2 position 2 way N.C. 20V DC with diode (schematic item N)	25Ω
Solenoid valve, 2 position 4 way 20V DC with diode (schematic items AE)	19Ω
Solenoid valve, 3 position 5 way 20V DC with diode (schematic item AG)	19Ω
Solenoid valve, 2 position 2 way 20V DC with diode (schematic item CA, CB, CC and CD)	27.2Ω
Solenoid valve, 3 position 4 way 20V DC with diode (schematic item BA)	19Ω

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

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OUTRIGGER FAULT CODES cont. REV B

Fault Code	Problem	Possible Causes	Solution
Right rear outrigger light blinks red 4 times.	Right rear outrigger pressure transducer fault.	Short to power.	Troubleshoot the harness to the pressure transducer OR replace the harness.
Left rear outrigger light blinks red 4 times.	Left rear outrigger pressure transducer fault.	Short to power.	Troubleshoot the harness to the pressure transducer OR replace the harness.
Outrigger lights blink red, alternating front to rear.	Outrigger level sensor fault.	Ground short OR wire disconnected from level sensor.	Inspect wire connection.
Outrigger lights blink red, alternating left to right.	Outrigger level sensor fault.	Short to power.	Troubleshoot the harness to the outrigger sensor OR replace the harness.
Outrigger lights blink red in a clockwise sequence.	Extend coil fault.	Malfunctioning coil OR wire disconnected from coil.	Troubleshoot coil OR inspect wire connection.
Outrigger lights blink red in a counter clockwise sequence.	Retract coil fault.	Malfunctioning coil OR wire disconnected from coil.	Troubleshoot coil OR inspect wire connection.
All lights turn red on initial power up and the alarm sounds.	No calibration data.	Outrigger level sensor and pressure transducers not calibrated.	Calibrate the outrigger level sensor and pressure transducers.
During operation, all lights turn red and all functions cut out.	Motor controller fault.	Motor controller throttle short.	Troubleshoot the harness to the motor controller OR replace the harness.
After auto-leveling the machine, all lights turn red and the alarm sounds.	Outrigger off level fault.	Machine is out of level OR all outriggers are not in contact with the ground.	Relocate the machine OR redeploy the outriggers.
All lights turn red and the alarm sounds. (Only while calibrating the outrigger level sensor.)	Outrigger level sensor fault.	Outrigger level sensor installed incorrectly OR the machine in not on level ground.	Troubleshoot outrigger level sensor.
All lights turn red and the alarm sounds. (Only while calibrating the outrigger pressure transducers.)	Outrigger pressure transducer fault.	Pressure transducer installed incorrectly, in improper position, or faulty.	Make sure the pressure transducers are wired correctly and functioning properly.
Individual OR light turns solid red and the alarm sounds. (While auto leveling.)	Outrigger has reached End of Stroke. (EOS)	Slope too steep to level machine.	Retract outriggers and repeat auto level procedure.

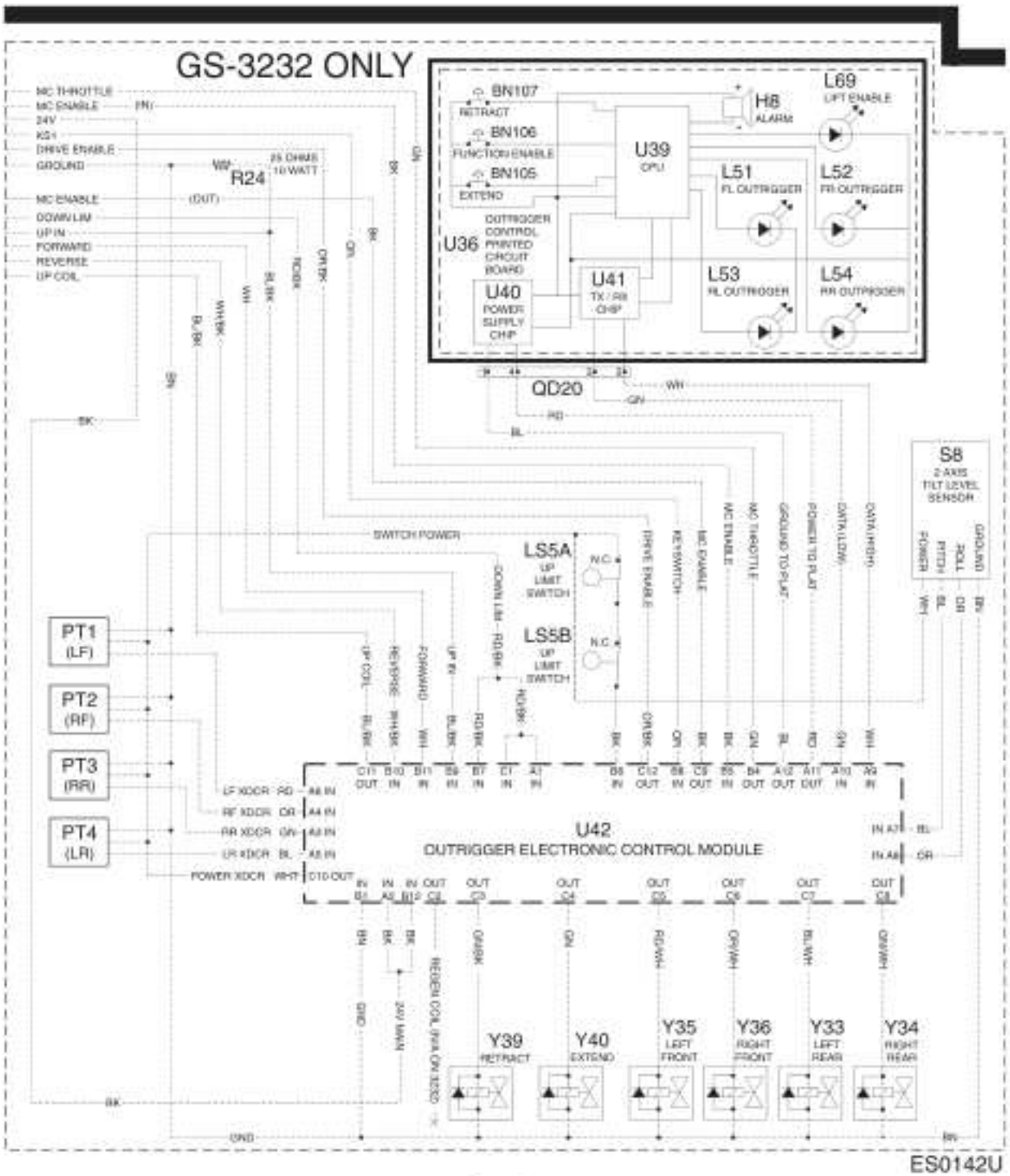
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Electrical Schematic - CE Models

CE Models

REV A

GS-2032/2632/3232 (from serial number GS3211A-97904 to GS3212A-109999 and GS3212C-1387 to GS3212C-9999)
GS-2046/2646/3246 (from serial number GS4611A-97983 to GS4612A-109999 and GS4612C-1386 to GS4612C-9999)



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