Genie®
A TEREX COMPANY

Service and Repair Manual

GS™-1330m
GS™-1530/32
GS™-1930/32
GS™-2032
GS™-2632
GS™-3232
GS™-2046
GS™-2646
GS™-3246
GS™-4047
GS™-4655

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

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

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Specifications

Machine Specifications

Batteries, Standard All models except GS-1330m, GS-4047	
Voltage	6V DC
Group	GC2
Type	T-105
Quantity	4
Battery capacity, maximum	C20 = 225AH
Reserve capacity @ 25A rate	447 minutes
Weight, each	62 lbs 28 kg

Batteries, Standard, GS-1330m	
Voltage	12V DC
Group	24
Type	24TMX
Quantity	2
Battery capacity, maximum	85AH
Reserve capacity @ 25A rate	140 minutes
Weight, each	46 lbs 21 kg

Batteries, Standard, GS-4047, GS-4655	
Voltage	12V DC
Group	GC2
Type	T-1275
Quantity	4
Battery capacity, maximum	C20 = 150AH
Reserve capacity @ 25A rate	280 minutes
Weight, each	82 lbs 37 kg

Batteries, Maintenance-free (option) All models except GS-1330m, GS-4047, GS-4655	
Voltage	6V DC
Group	GC2
Type	6V-AGM
Quantity	4
Battery capacity, maximum	200AH
Reserve capacity @ 25A rate	380 minutes
Weight, each	62 lbs 28 kg

Batteries, Optional, GS-1330m	
Voltage	12V DC
Group	24
Type	DC85-12
Quantity	2
Battery capacity, maximum	85AH
Reserve capacity @ 25A rate	145 minutes
Weight, each	57 lbs 26 kg

Platform Overload Pressure Transducer (if equipped) All models except GS-3232, GS-4047, GS-4655	
Input voltage	8 to 30 VDC
Signal voltage	1 to 5 V

Platform Overload Pressure Transducer (if equipped) GS-3232, GS-4047	
Input voltage	8 to 30 VDC
Signal voltage	0.25 to 6.25 V

Angle Sensor (if equipped)	
Input voltage	8 to 30 VDC
Signal voltage	3 to 4 V, PMW output

Outrigger Pressure Transducer, GS-3232 only	
Input voltage	8 to 30 VDC
Signal voltage	1 to 5 V

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

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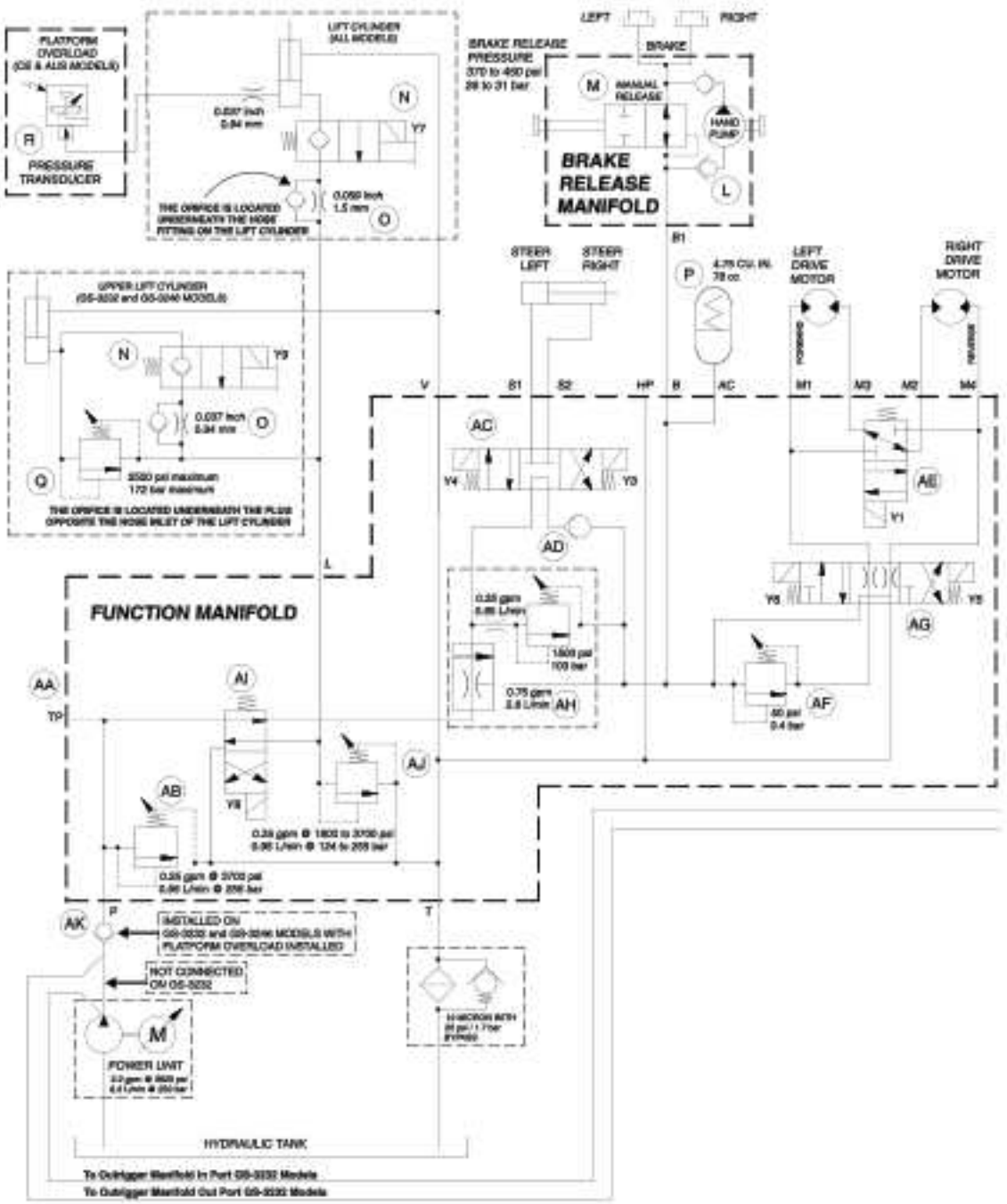
Charger Error Codes

Error Code	Description	Condition	Possible Causes
E-0-2-9	CAN Bus error	CAN Bus network error.	Check CAN Bus connections. CAN modules not functioning correctly. Termination resistance is ~60 ohms.
E-0-3-0	COMM battery module error	CAN Bus battery module error.	CAN Buss battery module not functioning correctly.
E-0-3-1	Vref for ADC measurements triggered alarm	Internal charger error.	Disconnect AC input and battery pack for 30 seconds. Contact Genie Product Support.
E-0-3-2	CAN Bus heartbeat error	CAN Bus heartbeat error.	CAN Bus devices not functioning correctly.
E-0-3-6	Battery temperature sensor charge profile	Battery temperature sensor is required by charger profile but is not installed.	Check battery temperature sensor connections. Check charger profile and confirm battery temperature sensor is installed.
E-0-3-8	CAN Open Error	CAN Open reprogramming failed.	Download CAN Open software. Reprogram charger using USB Flash Drive.

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Schematics

Hydraulic Schematic, GS-2032 / 2632 / 3232 (from serial number GS3214A-119071, GS3214C-11874) GS-2046 / 2646 / 3246 (from serial number GS4614A-117178, GS4614C-12074, GS4614D-101)

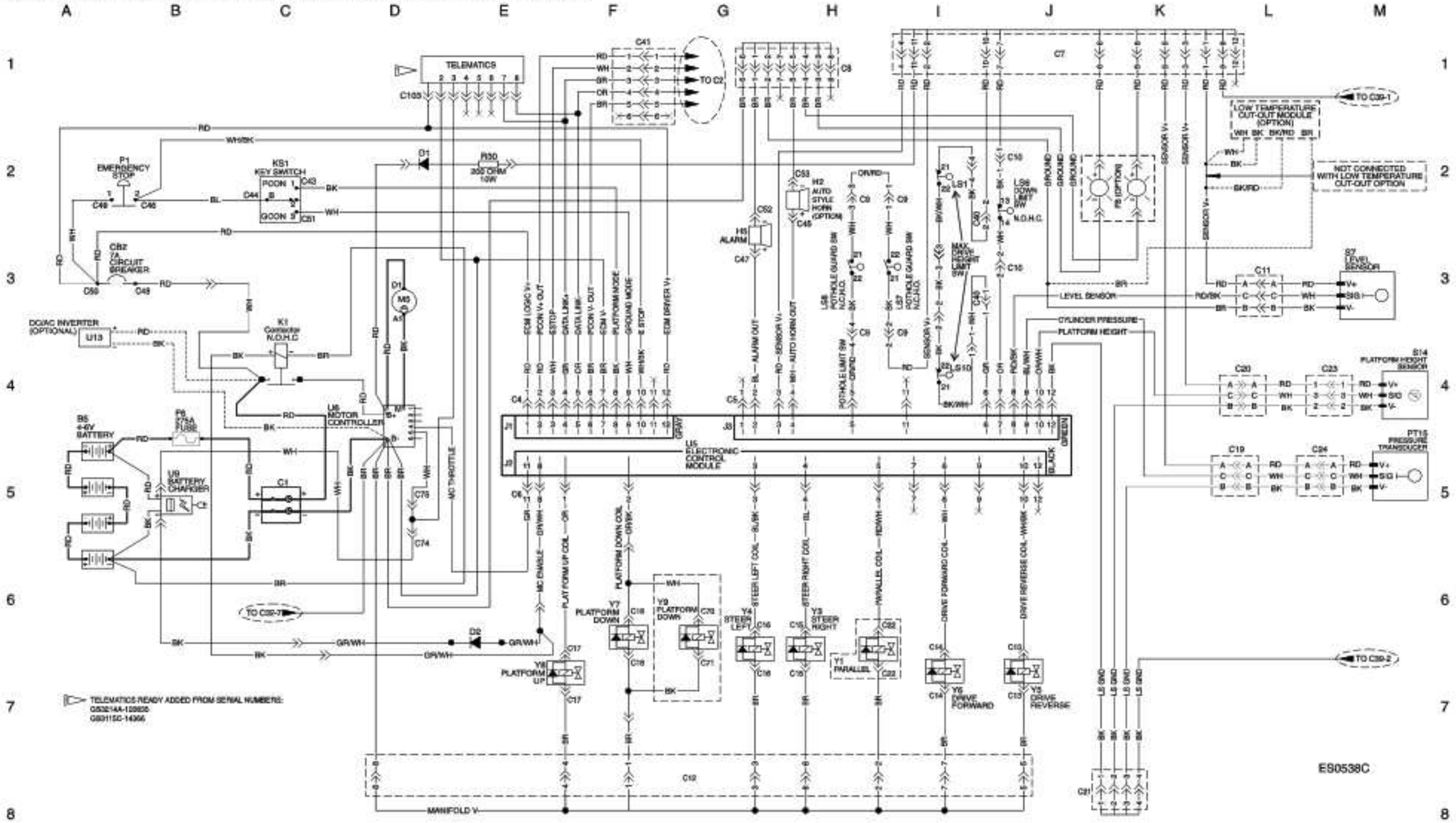


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Electrical Schematic, GS-3232, AS / CE

(from serial number GS3214A-135715 to GS3215A-141898, GS3215C-14504)



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