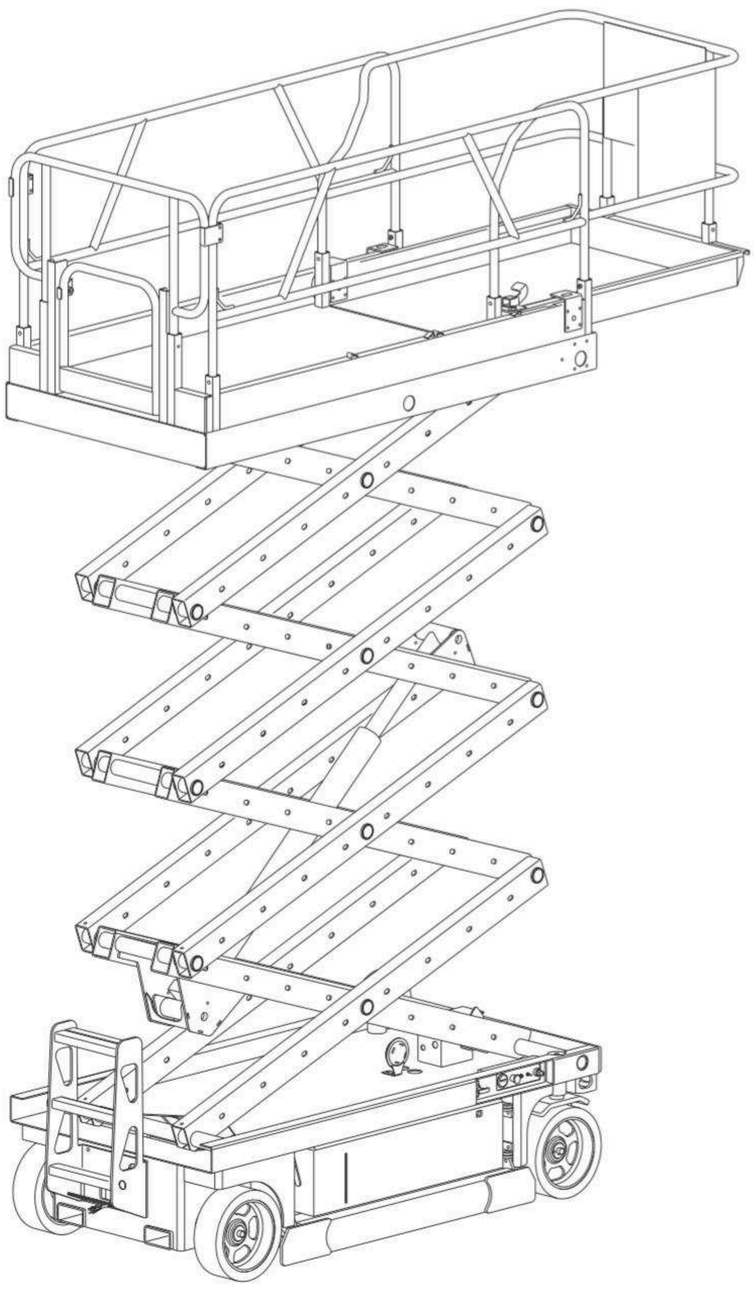
Genie Industries

Technical Publications

Genie® A TEREX COMPANY

Genie® GS™-2046
Genie® GS™-2646
Genie® GS™-3246



Service Manual

(before serial number 17408)

First Edition, Third Printing
Rev C2
Part No. 48339

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Specifications

Machine Specifications - GS-2046

Stowed dimensions		
Length	96 in	243.8 cm
Length, platform extended	135 1/2 in	344.1 cm
Width	46 in	116.8 cm
Models with sliding rails		
Height, stowed maximun Rails up - ANSI & CSA	78 1/2 in	199.4 cm
Height, stowed maximum Rails up - CE	82 7/8 in	210.4 cm
Height, stowed maximum Rails lowered	71 3/4 in	182.25 cm
Height, stowed maximum Rails removed	39 1/4 in	99.7 cm
Height, guard rails - ANSI & CSA	39 in	99.1 cm
Height, guard rails - CE	42 1/2 in	110.2 cm
Models with folding rails		
Height, stowed maximum	86 1/8 in	219 cm
Height stowed maximum Rails folded	64 3/4 in	164 cm
Platform height, Stowed maximum	42 3/8 in	107.6 cm
Operational dimensions		
Maximum platform height	26 ft	7.9 m
Maximum platform working height	20 ft	6.1 m
Maximum platform extension	39 in	99 cm
Wheelbase	72 7/8 in	185.1 cm
Turning radius, outside	91 3/4 in	233.1 cm
Turning radius, inside	0 in	0 cm

Platform dimensions		
Length	89 in	226 cm
Width	45 3/4 in	116 cm
Extension length	39 in	99 cm
Maximum load capacity	1200 lbs	544 kg
All Models		
Weight	4324 lbs	1961 kg
Ground clearance	4 in	10.2 cm
Pothole guards deployed	7/8 in	2.2 cm
Tires and wheels		
Tire size (solid rubber)		15 x 5 x 11 1/4 in 38.1 x 12.7 x 28.6 cm
Load range	2,400 lbs	1,089 kg
Tire contact area	9 sq in	58 sq cm
Overall tire diameter	15 in	38.1 cm
Wheel diameter	11 1/4 in	28.6 cm
Wheel width	5 in	12.7 cm
Castle nut torque	300 ft-lbs	406.7 Nm
Fluid Capacities		
Hydraulic tank capacity	5 1/2 gallons	20.8 liters
Hydraulic system capacity (including tank)	6 gallons	22.7 liters

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FAULT CODE CHART
(BEFORE SERIAL NUMBER 17408)

Fault Code	Problem	Possible Causes	Solution
60	Machine will not operate. Error indicator light on at the platform controls.	Lift/drive switch is turned "off" or in a neutral position.	Check switch position OR Replace switch.
63	Machine will not operate. Flashing green LED at the platform controls.	Lift/drive switch turned from lift to drive or drive to lift while the function enable switch is engaged.	Release function enable switch and move lift/drive switch to either lift or drive.
88	Machine will not operate. ECM cannot be reset.	EPROM not programmed.	Replace ECM.
no code available	Green flashing LED at the platform controls.	Function enable switch held for more than 10 seconds without activating any function.	Release function enable switch OR check the function enable microswitch for continuity in the joystick controller box. Reset controller and check for fault code 33 at power up.
no code available	Machine drive speed reduces to off limit drive speed OR platform raises slowly. Red flashing LED at the platform controls while function enable switch is activated.	Low Voltage Cut Back (LVCB) is activated because battery supply voltage is 18.5V DC or less.	Charge batteries.

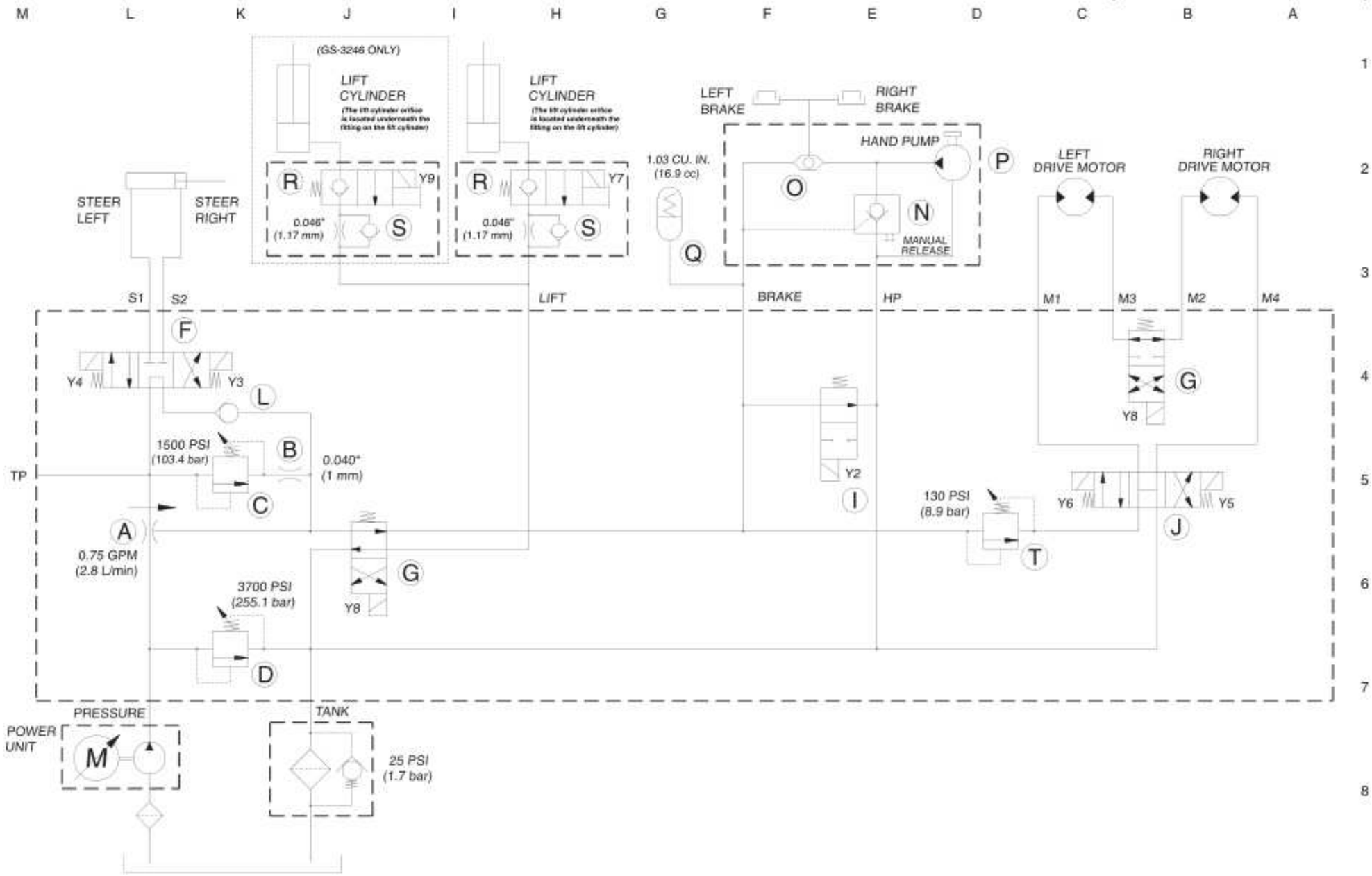
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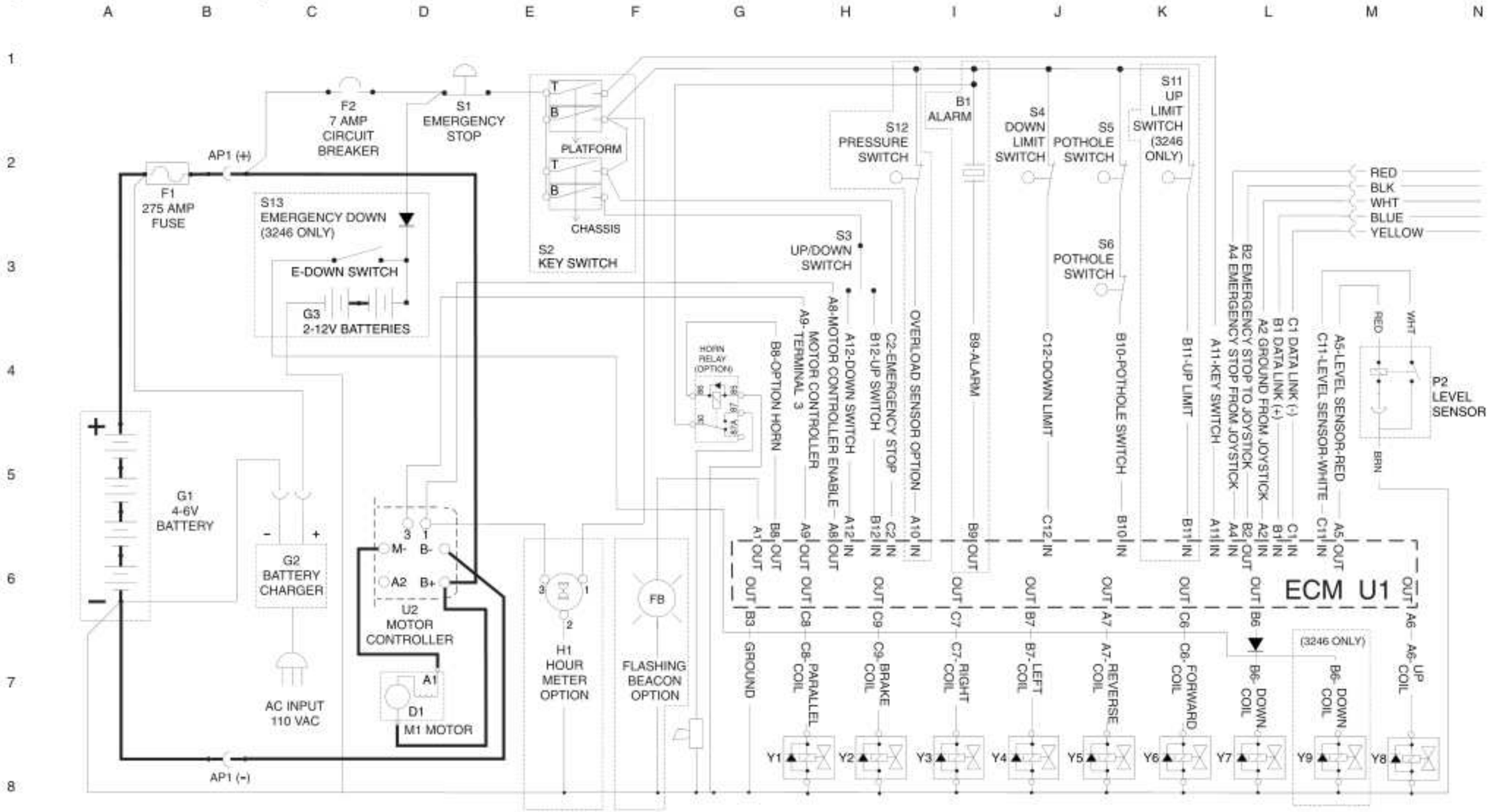
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Hydraulic Schematic (after serial number 17481)



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Electrical Schematic (after serial number 17407)



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