Genie Industries

Technical Publications

Genie®
A TEREX COMPANY

Genie® S-60

Genie® S-65

Service Manual



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Table of Contents

Introduction

Important Information ii

Section One **Safety Rules**

General Safety Rules iii

Section Two **Specifications**

Machine Specifications ..... 2 - 1
Performance Specifications ..... 2 - 2
Hydraulic Specifications ..... 2 - 3
Ford LRG 423 Engine Specifications ..... 2 - 4
Deutz F4L 1011F Engine Specifications ..... 2 - 6
Hydraulic Hose and Fitting Torque Specifications ..... 2 - 8
Bolt Torque Specifications ..... 2 - 9

Section Three **Scheduled Maintenance Inspections**

Introduction ..... 3 - 1
Table A ..... 3 - 2
Table B ..... 3 - 3
Table C ..... 3 - 5
Table D ..... 3 - 6
Maintenance Inspection Report ..... 3 - 7

Section Four **Scheduled Maintenance Procedures**

Introduction ..... 4 - 1
A-1 Inspect the Manuals ..... 4 - 2
A-2 Inspect the Decals and Placards ..... 4 - 2
A-3 Inspect for Damage, Loose or Missing Parts ..... 4 - 2
A-4 Check the Engine Oil Level ..... 4 - 3
A-5 Check the Engine Coolant Level - Gasoline/LPG Models ..... 4 - 3
A-6 Check for Fuel Leaks ..... 4 - 3
A-7 Check the Hydraulic Oil Level ..... 4 - 4
A-8 Check for Hydraulic Leaks ..... 4 - 4

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TABLE OF CONTENTS

Section Four **Scheduled Maintenance Procedures,** continued

A-9 Check the Tire Pressure ..... 4 - 5
A-10 Test the Oscillate Axle (if equipped) ..... 4 - 5
A-11 Test the Platform and Ground Controls ..... 4 - 6
A-12 Test the Auxiliary Power Operation ..... 4 - 6
A-13 Test the Tilt Sensor ..... 4 - 7
A-14 Test the Limit Switches ..... 4 - 8
A-15 Replace the Engine Oil and Filter - Gasoline/LPG Models ..... 4 - 10
A-16 Drain the Fuel Filter/Water Separator - Deutz Diesel Models ..... 4 - 11
A-17 Replace the Engine Air Filter ..... 4 - 12
B-1 Check the Engine Belt ..... 4 - 13
B-2 Check the Radiator - Gasoline/LPG Models ..... 4 - 14
B-3 Check the Oil Cooler and Cooling Fins - Deutz Diesel Models ..... 4 - 14
B-4 Check the Exhaust System ..... 4 - 15
B-5 Check the Battery ..... 4 - 16
B-6 Check the Hydraulic Tank Filter Condition Indicator ..... 4 - 16
B-7 Inspect the Electrical Wiring ..... 4 - 17
B-8 Inspect the Tires and Wheels (including lug nut torque) ..... 4 - 17
B-9 Confirm the Proper Brake Configuration ..... 4 - 18
B-10 Check the Oil Level in the Torque Hubs ..... 4 - 18
B-11 Check and Adjust the Engine Idle Mixture - Gasoline/LPG Models ..... 4 - 19
B-12 Check and Adjust the Engine RPM ..... 4 - 19
B-13 Test the Key Switch ..... 4 - 21
B-14 Test the Emergency Stop Buttons ..... 4 - 21
B-15 Test the Ground Control Override ..... 4 - 22
B-16 Check the Directional Valve Linkage ..... 4 - 22
B-17 Test the Platform Self-leveling ..... 4 - 23
B-18 Test the Horn ..... 4 - 23
B-19 Test the Foot Switch ..... 4 - 23
B-20 Test the Engine Idle Select ..... 4 - 24
B-21 Test the Fuel Select Operation - Gasoline/LPG Models ..... 4 - 24
B-22 Test the Drive Enable System ..... 4 - 25

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TABLE OF CONTENTS

Section Four **Scheduled Maintenance Procedures**, continued

B-23 Test the Drive Brakes ..... 4 - 25
B-24 Test the Drive Speed - Stowed Position ..... 4 - 26
B-25 Test the Alarm Package - Optional Equipment ..... 4 - 27
B-26 Perform Hydraulic Oil Analysis ..... 4 - 27
B-27 Replace the Engine Oil and Filter - Deutz Diesel Models ..... 4 - 27
C-1 Check the Boom Wear Pads ..... 4 - 29
C-2 Check the Turntable Rotation Bearing Bolts ..... 4 - 29
C-3 Check the Free-wheel Configuration ..... 4 - 30
C-4 Grease the Turntable Rotation Bearing and Rotate Gear ..... 4 - 31
C-5 Replace the Torque Hub Oil ..... 4 - 31
C-6 Replace the Hydraulic Tank Filter ..... 4 - 33
C-7 Replace the Drive Loop Hydraulic Filter ..... 4 - 33
C-8 Replace the Diesel Fuel Filter/Water Separator - Deutz Diesel Models ..... 4 - 34
C-9 Replace the Gasoline Fuel Filter - Gasoline/LPG Models ..... 4 - 34
C-10 Replace the PCV Valve - Gasoline/LPG Models ..... 4 - 36
C-11 Replace the Spark Plugs - Gasoline/LPG Models ..... 4 - 37
C-12 Check and Adjust the Air/LPG Mixture - Gasoline/LPG Models ..... 4 - 37
C-13 Check and Adjust the Ignition Timing - Gasoline/LPG Models ..... 4 - 38
C-14 Check the Engine Valve Clearances - Deutz Diesel Models ..... 4 - 38
C-15 Check the Turntable Rotation Gear Backlash ..... 4 - 38
D-1 Test or Replace the Hydraulic Oil ..... 4 - 39
D-2 Change or Recondition the Engine Coolant - Gasoline/LPG Models ..... 4 - 39
D-3 Change the Fuel Lines ..... 4 - 41
D-4 Check the Engine Valve Clearance - Gasoline/LPG Models ..... 4 - 42
D-5 Check the Engine Cylinder Compression - Gasoline/LPG Models ..... 4 - 42
D-6 Clean the PCV Hoses and Fittings - Gasoline/LPG Models ..... 4 - 42
D-7 Check the Fuel Injection Pumps and Injectors - Deutz Diesel Models ..... 4 - 43
D-8 Check the Toothed Belt - Deutz Diesel Models ..... 4 - 43
D-9 Replace the Timing Belt - Gasoline/LPG Models ..... 4 - 43
D-10 Grease the Steer Axle Wheel Bearings - 2WD Models ..... 4 - 44

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Specifications

Machine Specifications

Stowed dimensions	S-60	S-65
Length	27 ft 2 in 8.3 m	30 ft 10 in 9.4 m
Width	8 ft 2.43 m	8 ft 2.43 m
Height	9 ft 2.74 m	9 ft 2.74 m
Weight	26,060 lbs 11,821 kg	28,400 lbs 12,882 kg
Ground clearance	12 in 30 cm	12 in 30 cm
Operational dimensions		
Maximum platform height	60 ft 18.3 m	65 ft 19.8 m
Maximum horizontal reach	51 ft 3 in 15.6 m	56 ft 4 in 17.2 m
Maximum turntable tailswing	3 ft 3 1/2 in 100 cm	3 ft 3 1/2 in 100 cm
Wheelbase	9 ft 0 in 2.7 m	9 ft 0 in 2.7 m
Minimum turning radius, inside	12 ft 1 in 3.7 m	12 ft 1 in 3.7 m
Minimum turning radius, outside	22 ft 2 in 6.76 m	22 ft 2 in 6.76 m
Turntable rotation	continuous	continuous
Platform rotation	160°	160°
Maximum capacity 6 foot platform	600 lbs 272 kg	500 lbs 227 kg
Maximum capacity 8 foot platform	500 lbs 227 kg	500 lbs 227 kg
Maximum allowable side force (ANSI and CSA)	150 lbs 68 kg	150 lbs 68 kg

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

Platform dimensions	6 ft (Standard)	8 ft (Optional)
Length	6 ft 1.83 m	8 ft 2.44 m
Width	30 in 76.2 cm	36 in 91.4 cm
Tires and wheels		
Tire size		15-19.5 NHS
Tire ply rating		12
Tire contact area		71 sq in 458 sq cm
Overall tire diameter		40 in 102 cm
Tire pressure		85 psi 5.86 bar
Wheel diameter		19 1/2 in 49.5 cm
Wheel width		12 1/4 in 31 cm
Wheel lugs		10 @ 3/4 -16
Lug nut torque, dry bolts		420 ft-lbs 569.5 Nm
Lug nut torque, lubricated bolts		320 ft-lbs 433.9 Nm
Fluid capacities		
Fuel tank		30 gallons 114 liters
LPG tank		33.5 pounds 15.2 kg
Hydraulic tank		45 gallons 170 liters
Hydraulic system (including tank)		55 gallons 208 liters
Drive torque hubs		44 fl oz 1.30 liters
Turntable rotation torque hub		17 fl oz 0.51 liters

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TROUBLESHOOTING FLOW CHARTS

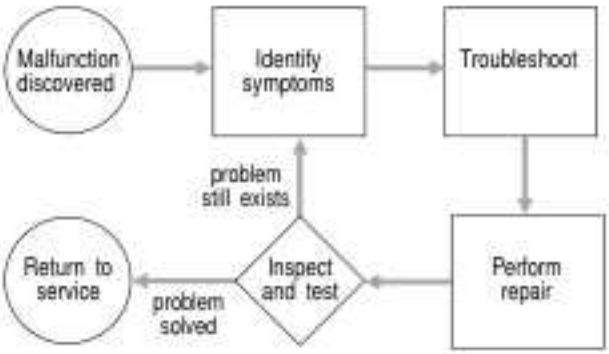
About This Section

When a malfunction is discovered, the flow charts in this section will help a service professional pinpoint the cause of the problem. To use this section, basic hand tools and certain pieces of test equipment are required–voltmeter, ohmmeter, pressure gauges.

The location of terminals mentioned in this section can be found on the appropriate electrical or hydraulic schematics provided in Section 6, *Schematics*.

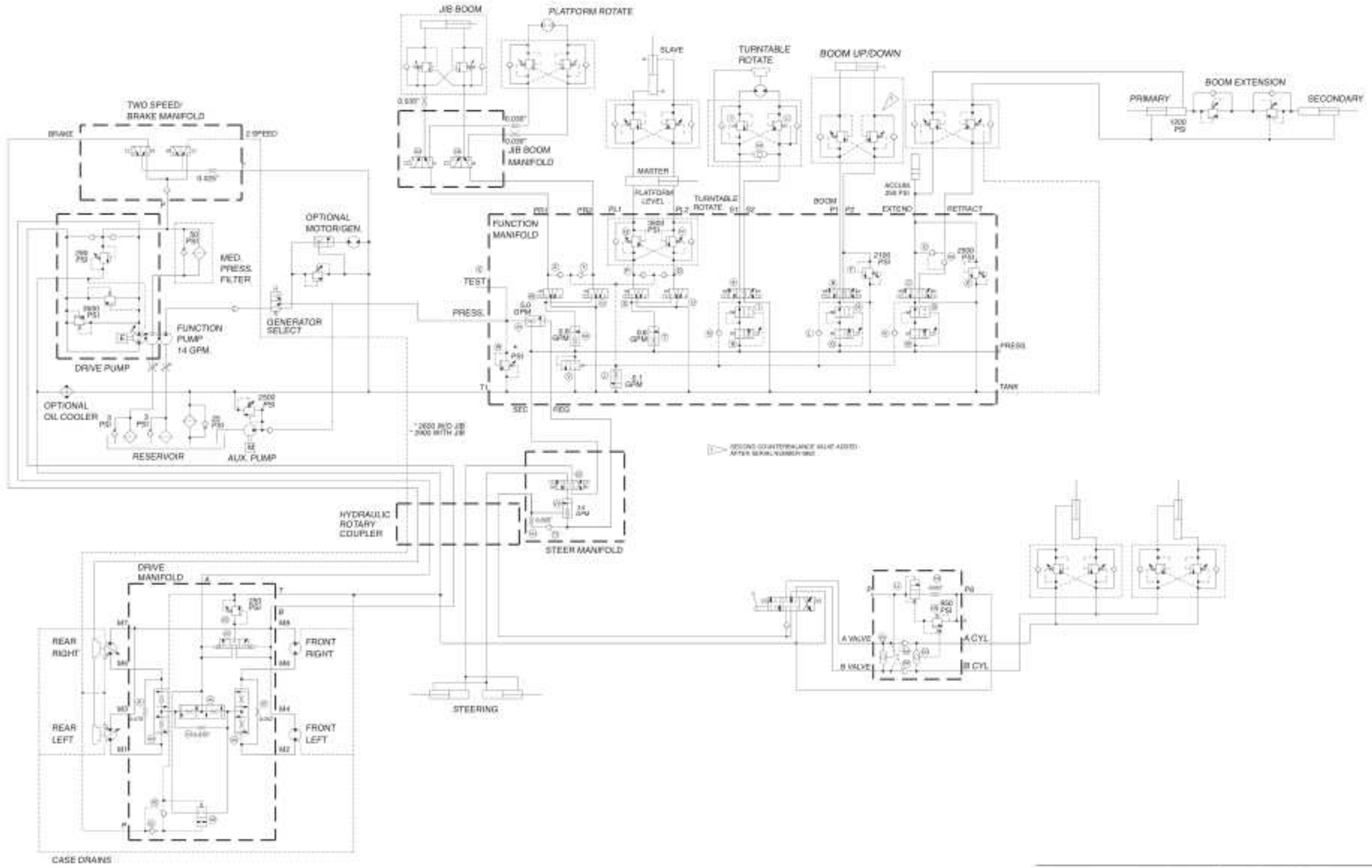
Since various degrees of a particular function loss may occur, selecting the appropriate flow chart may be troublesome. When a function will not operate with the same speed or power as a machine in good working condition, refer to the flow chart which most closely describes the problem.

General Repair Process



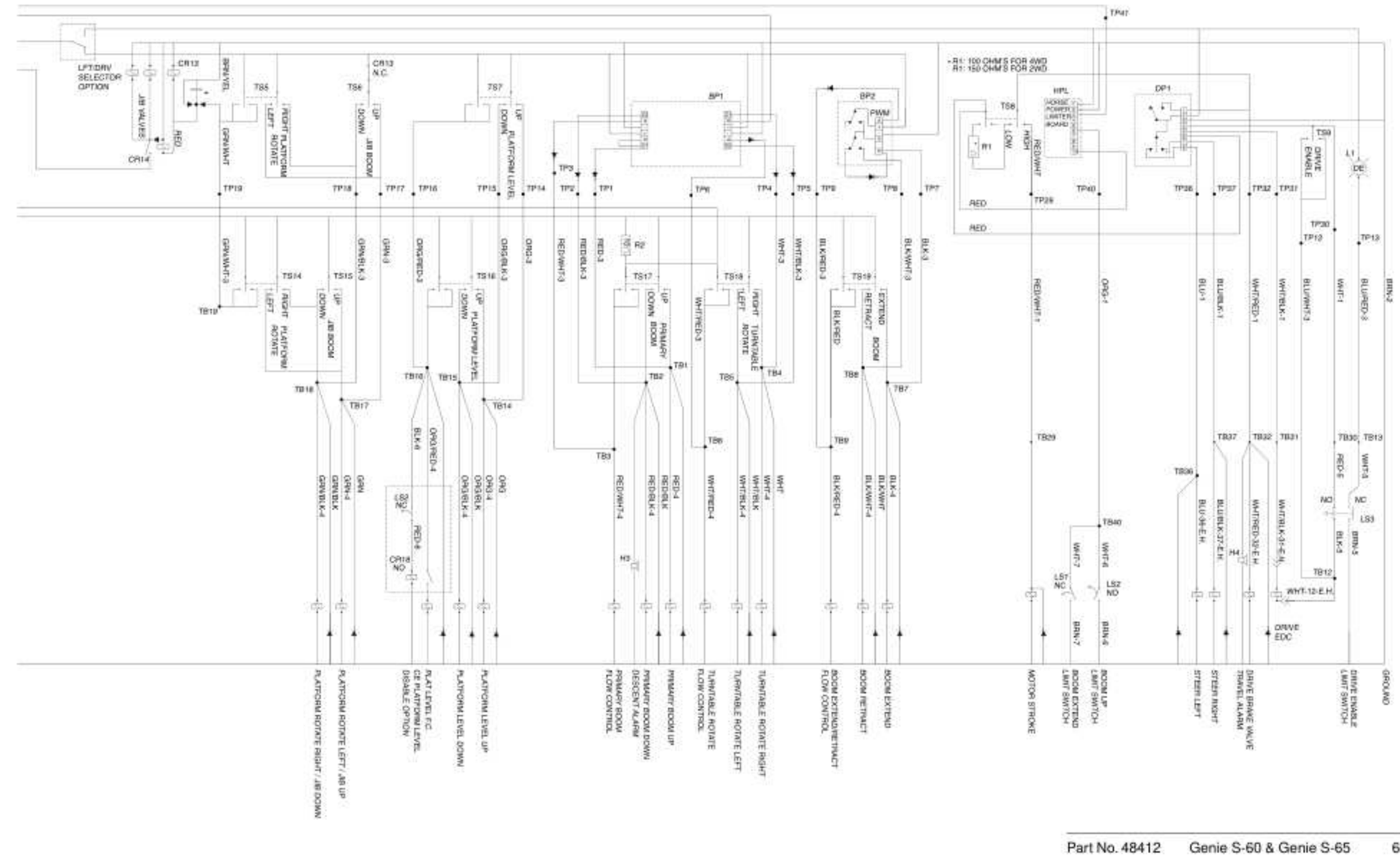
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4WD Hydraulic Schematic
Oscillating Axle



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Electrical Schematic- Diesel Models



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