SKYJACK

SERVICE MANUAL

SJ6940 RT

ROUGH TERRAIN SCISSORS



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ANSI/CSA, CE, AS

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Table of Contents

Section 1 – Maintenance 9

1.1 **Read and heed. 9**

1.1-1 Mobile Elevating Work Platform (MEWP) definition. 9

1.1-2 Purpose of equipment. 9

1.1-3 Use of equipment 9

1.1-4 Service Policy and Warranty 9

1.1-5 Ownership of MEWP 9

1.1-6 Optional equipment 9

1.2 **General Information. 10**

1.2-1 Owner's annual inspection record 10

1.2-2 Replacement parts 10

1.2-3 Maintenance and service safety tips 10

1.2-4 Hydraulic system & component maintenance and repair. 11

1.2-5 Hydraulic oil maintenance 11

1.2-6 Hydraulic maintenance tips 11

1.2-7 Railing maintenance and repair 12

1.2-8 Multi-conduction control cable repair. 12

1.3 **Scheduled maintenance and inspections 12**

1.3-1 Service bulletins 12

1.3-2 Maintenance and inspections. 12

1.3-3 Schedule and instructions 13

1.3-4 Repairs 13

1.3-5 Pre-delivery/maintenance inspection checklist 14

1.3-6 Inspection points. 15

1.3-7 Function tests 25

1.3-8 Function tests 26

Section 2 – Maintenance Tables and Diagrams 27

2.1 **Standard hose numbering system 27**

2.2 **Torque specifications for fasteners (metric) 29**

2.3 **Torque specifications for fasteners (US imperial) 30**

2.4 **Torque specifications for hydraulic couplings & hoses 31**

2.5 **Torque specifications for cartridges and coils 31**

2.6 **MEWP torque specifications. 32**

2.7 **Specifications and features 33**

2.8 **Fluids 34**

2.9 **Maximum platform capacities (evenly distributed) 34**

MidWestTech | Skyjack SJ6940 RT Rough Terrain Scissor Lift Service Manual | Publication... Order the manual at mid-west-tech.com >

Section 3 – System Component Identification and Schematics 35

3.1 Electrical Symbol Chart 36
3.2 Hydraulic Symbol Chart 37
3.3 Wire Number and Colour Chart 38
3.4 Hydraulic Parts List 39
3.5 Electrical Parts List 41
3.6 Major Component Identification 43
3.7 Drive Manifold Identification 44
3.8 Lift Manifold Identification 45
3.9 Front & Rear Split Manifolds 46
3.10 Splitter and Outrigger Manifolds Identification 47
3.11 Control Box Wiring Diagram 48
3.12 Control Box Wiring Diagram - SGLE. 49
3.13 Control Box Harness & Pinout 50
3.14 Base Control Panel Wiring 51
3.15 Base Control Panel Harness & Pinout 52
3.16 Base to Platform Control Cable 53
3.17 Engine Harness - Kubota D1105 54
3.18 Engine Harness Schematic - Kubota D1105. 55
3.19 Engine Harness - Kubota WG972 56
3.20 Engine Harness Schematic - Kubota WG972. 57
3.21 Pressure Transducer Harness 58
3.22 Main Harness Pinout 59
3.23 Main Harness Schematic 60
3.24 Outrigger Harnesses 61
3.25 Hydraulic Schematic 62
3.26 Electrical Schematic - All Options 63
3.27 Electrical Schematic - No Options 64
3.28 Engine Electrical Schematic 65

Section 4 – Troubleshooting Information 67

4.1 Introduction 67
4.2 Electrical System 68
4.2-1 All Controls Inoperative 68
4.2-2 Engine does not crank 69
4.2-3 All Functions Inoperative from Platform 70
4.2-4 All Functions Inoperative from Base 70
4.2-5 No Lift from Base or Platform 71
4.2-6 No Lower from Base or Platform. 71
4.2-7 Drive and Steer Inoperative. 72
4.2-8 Brakes do not release 72
4.2-9 No Steer Left 73
4.2-10 No Steer Right. 73

MidWestTech | Skyjack SJ6940 RT Rough Terrain Scissor Lift Service Manual | Publication... Order the manual at mid-west-tech.com >

4.2-11 No Forward Drive . . . 73
4.2-12 No Reverse Drive . . . 73
4.2-13 Oscillating Axle Locked when stowed . . . 74
4.2-14 First Drive Speed. Third drive speed is the same as Second. . . . 74
4.2-15 Second Drive Speed and Lift/Steer Inoperative. Third drive speed is the same as First. . . . 74
4.2-16 High Speed/Hill climb mode inoperative . . . 75
4.2-17 High Speed Drive mode inoperative: Drive system operates in High Torque/Rough Terrain mode 75
4.2-18 High Speed Drive mode inoperative: Drive system stays in Hill climb/All Wheel Drive . . . 75
4.2-19 All Outriggers Inoperative (Auto-Level and Manual) . . . 76
4.2-20 Outriggers extend or retract Inoperative (Auto-Level and Manual) . . . 76
4.3 Hydraulic Systems . . . 77
4.3-1 All Controls Inoperative . . . 77
4.3-2 Lift, Steer and Second Drive Speed Inoperative Third speed the same as 1st . . . 77
4.3-3 First Drive Speed Inoperative Third speed the same as 2nd . . . 77
4.3-4 Steering Inoperative . . . 77
4.3-5 Up Circuit Inoperative . . . 78
4.3-6 Down Circuit Inoperative . . . 78
4.3-7 Axle will not Oscillate . . . 78
4.3-8 Axle will not Lock . . . 78
4.3-9 Brakes Do Not Release and/or No high speed drive . . . 79
4.3-10 No Forward and/or Reverse Drive . . . 79
4.3-11 Drive issues in Hill climb (AWD) mode . . . 80
4.3-12 All Outriggers Inoperative . . . 80
4.3-13 Outriggers Inoperative . . . 80

Section 5 – Procedures . . . 83
5.1 General . . . 83
5.1-1 Safety and workmanship . . . 83
5.2 Platform . . . 84
5.2-1 Adjust the gate spring hinge . . . 84
5.2-2 Platform mounting hardware . . . 85
5.3 Engine . . . 86
5.3-1 Kubota dual fuel WG972 resistance checks . . . 86
5.3-2 Replace the fuel filter element - Kubota D1105 . . . 87
5.3-3 Bleed the fuel system of air - Kubota D1105 . . . 87
5.3-4 Fan belt replacement and adjustment . . . 88
5.3-5 Replace the air cleaner element . . . 89
5.3-6 Replace the oil filter cartridge . . . 89
5.3-7 Change the oil . . . 90
5.3-8 Check and replenishing the radiator coolant level . . . 90
5.3-9 Drain and refill the radiator . . . 91
5.4 Base . . . 92
5.4-1 Inspect and torque the wheel nuts in sequence . . . 92

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2.7 Specifications and features

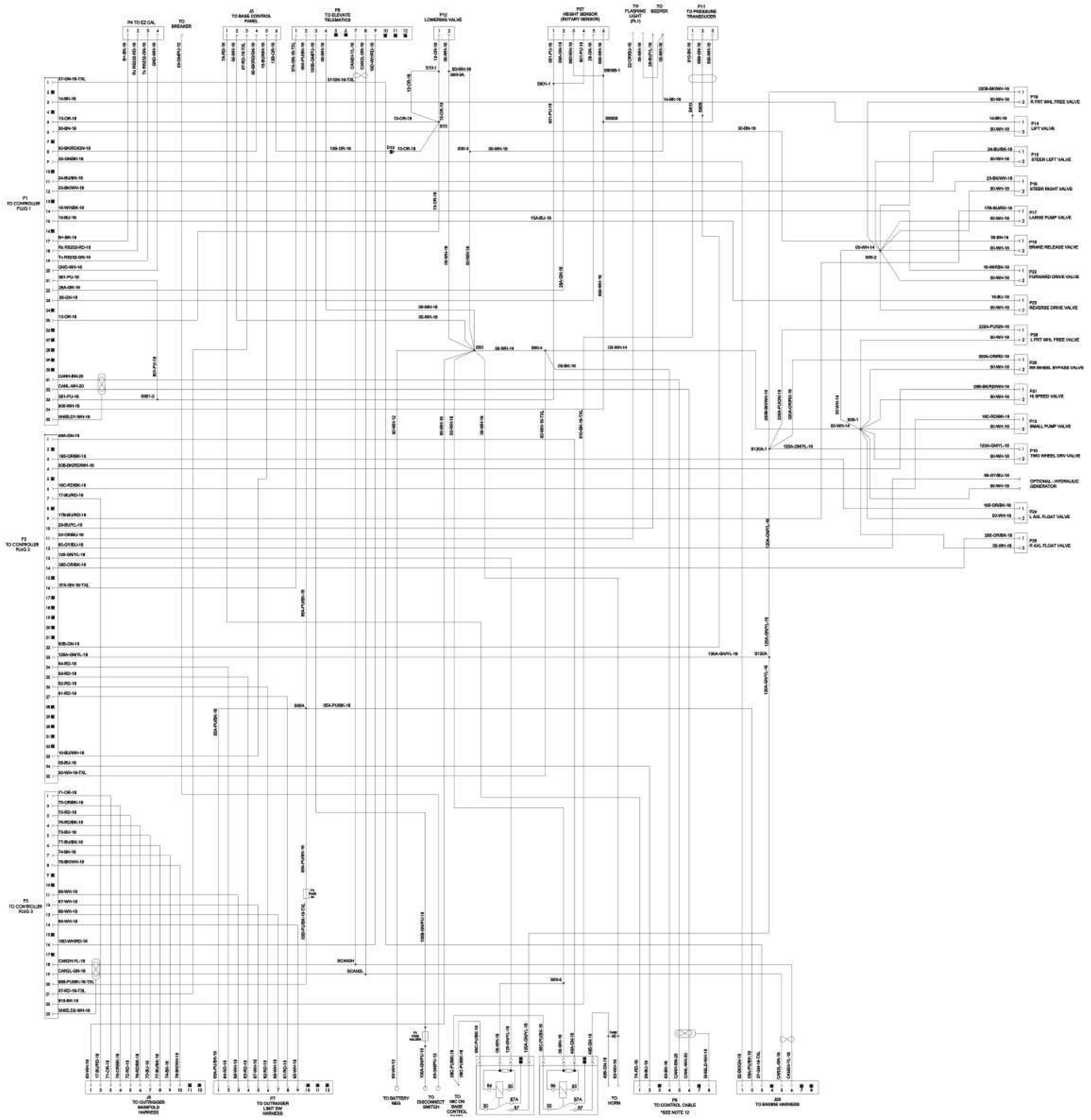
Models	SJ6940 RT
Weight (Without Outriggers)*	5019 kg (11064 lb)
Weight (With Outriggers)*	5019 kg (11064 lb)
Overall Width	1.80 m (71 in)
Overall Length (Platform Retracted)	3.60 m (143 in)
Overall Length (Platform Extended)	4.70 m (185 in)
Platform Length, Inside (Platform Retracted)	3.40 m (133 in)
Platform Length, Inside (Platform Extended)	4.50 m (175 in)
Height	
Working Height	14.00 m (46 ft)
Platform Elevated Height	12.20 m (40 ft)
Stowed Height (Railings Up)	2.74 m (108 in)
Stowed Height (Railings Down)	2.00 m (78 in)
Drive Height (Maximum)	12.20 m (40 ft)
Standard operating times	
Lift Time (No Load)	71 sec
Lower Time (No Load)	41 sec
Lift Time (Rated Load)	72 sec
Lower Time (Rated Load)	38 sec
Lift Pressure	3000 psi (207 bar)
Chassis	
Normal Drive Speed	5.47 km/h (3.40 mph)
Elevated Drive Speed	0.43 km/h (0.27 mph)
Gradeability (Ramp Angle)	35%
Tires (Foam Filled)	30.5 cm-45.7 cm x 66 cm (12-18 in x 26 in)
Engine (RPM)	
Kubota Diesel/Dual Fuel	3000 rpm / 3000 rpm
Fuel Tank Capacity	87 L (23 gal)
Hydraulic oil	
Type	ATF Dexron III
Tank Capacity	69 L (18.2 gal)
Guaranteed Maximum Sound Power Level	96 dB(A)
Emission sound pressure level at platform does not exceed 70 dB(A).	

* *Weights are approximate; refer to serial nameplate for specific weight.*

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3.24 Main Harness Schematic (For ANSI)



3.24 Main Harness Schematic (For ANSI)

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Section 4 – Troubleshooting Information

4.1 Introduction

The following pages contain a table of Troubleshooting for locating and correcting most service trouble which can develop. Careful and accurate analysis of the systems listed in the table of Troubleshooting will localize the trouble more quickly than any other method. This manual cannot cover all possible troubles and deficiencies that may occur. If a specific trouble is not listed, isolate the major component in which the trouble occurs, isolate whether the problem is electrical or hydraulic, and then isolate and correct the specific problem.

The content of this section is separated into "probable cause" and "remedy." The information in the left-hand column, preceded by a number, represents the "probable cause." The information in the right-hand column, in bold text, represents the "remedy" to the "probable cause" directly beside it. See the example below for clarification.

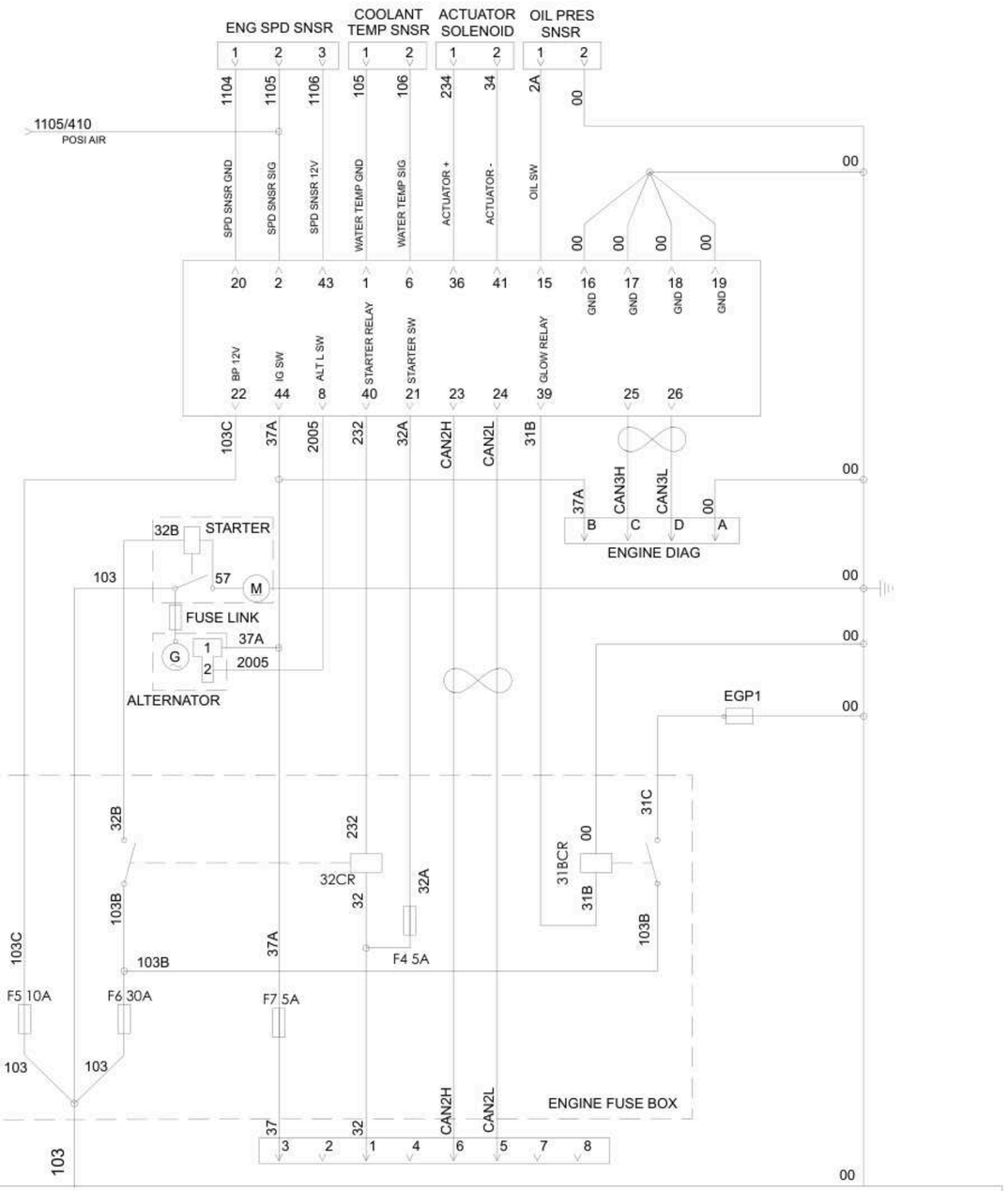
1. Probable cause	**Remedy**

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5.4-2 Install and torque the wheels . . . 92
5.4-3 Tighten the castellated nut . . . 93
5.4-4 Change the oil in the torque hubs . . . 94
5.4-5 Replace the oscillating cylinder . . . 95
5.4-6 Bleed the oscillating cylinder . . . 97
5.5 Hydraulics . . . 99
5.5-1 Tightening and torque recommendations for hydraulic couplings and hoses . . . 99
5.5-2 Set the system pressure . . . 100
5.5-3 Set the lift pressure . . . 101
5.5-4 Drive motor test . . . 102
5.5-5 Drive pressure test . . . 102
5.5-6 Oscillating cylinders test (ANSI/CSA) . . . 102
5.5-7 Oscillating cylinders test (CE) . . . 102
5.6 Outriggers . . . 103
5.6-1 Outrigger mechanical limit switch wiring diagram . . . 103
5.6-2 Outrigger upper limit switch (LS1, LS2, LS3, LS4) replacement and adjustment . . . 104
5.6-3 Outrigger lower limit switch (LS5, LS6, LS7, LS8) replacement and adjustment . . . 105
5.6-4 Grease points . . . 106
5.7 RT93 Control Module Identification . . . 107
5.7-1 Controls . . . 107
5.7-2 Controller Error Codes . . . 109
5.7-3 Controller pin reference table . . . 115
5.7-4 Controller Controls - Initial State . . . 119
5.7-5 Initial Controller Setup & Options Selection . . . 120
5.7-6 Controller Calibration Setup . . . 122
5.7-7 Controller Controls - HELP/DIAGNOSTICS . . . 124
5.7-8 Controller Controls - ADJUSTMENTS . . . 126
5.7-9 Controller Controls - SYSTEM OVERRIDE/SETUPS . . . 128
5.7-10 Controller Controls - SERIAL NUMBER/CALIBRATIONS . . . 130
5.7-11 Controller Controls - DEBUG . . . 131
5.7-12 Controller Recommended Settings . . . 132
5.8 EZcal Diagnostic Tool . . . 137
5.8-1 Hand held EZcal calibration and diagnostic tool key functions . . . 137
5.8-2 EZcal pro update . . . 138
5.8-3 Flash the controller . . . 140

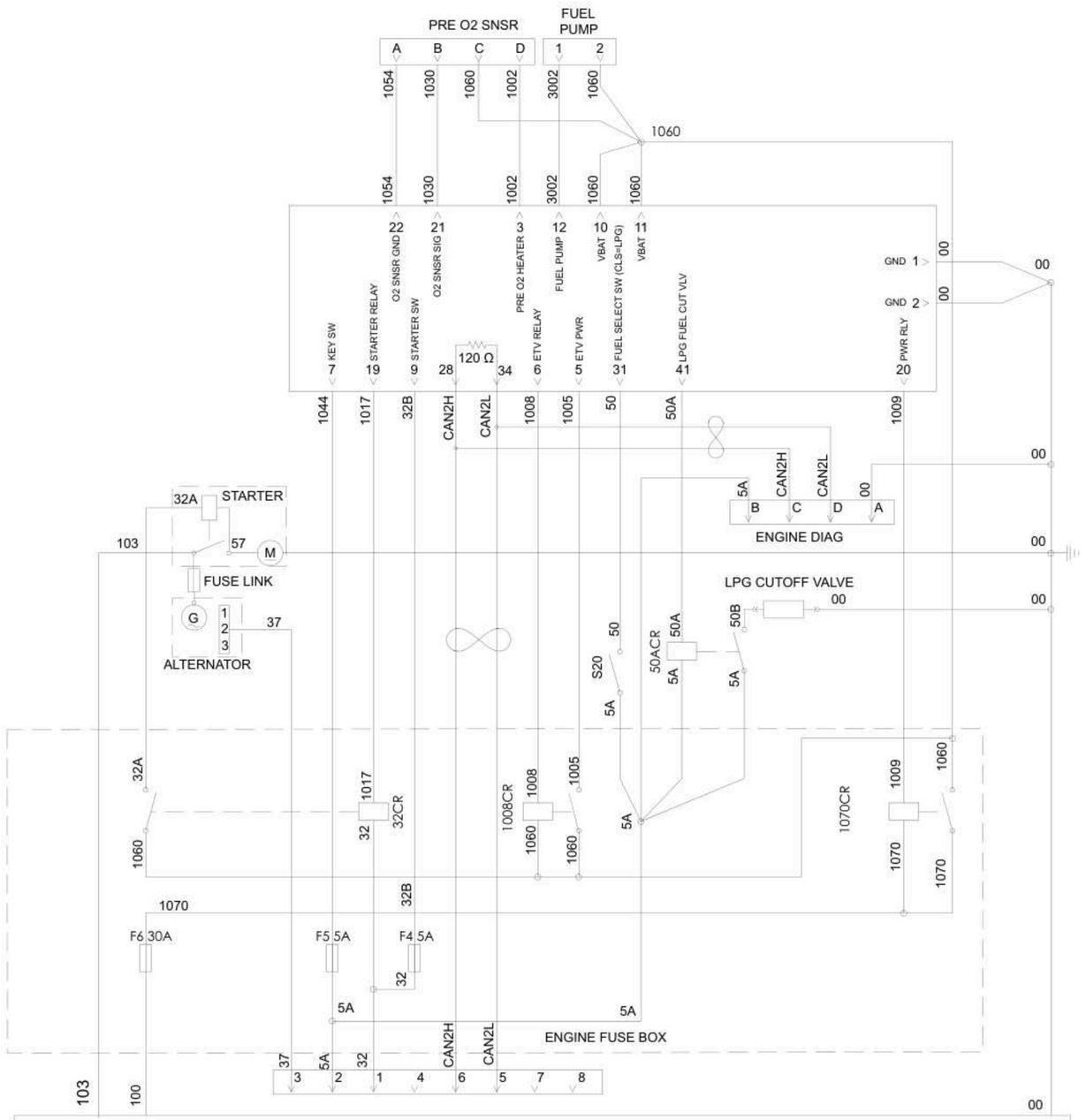
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DIESEL



Refer to *3.28 Electrical Schematic - All Options*.
Refer to *3.29 Electrical Schematic - No Options*.

DUAL FUEL



Refer to *3.28 Electrical Schematic - All Options*.
Refer to *3.29 Electrical Schematic - No Options*.

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