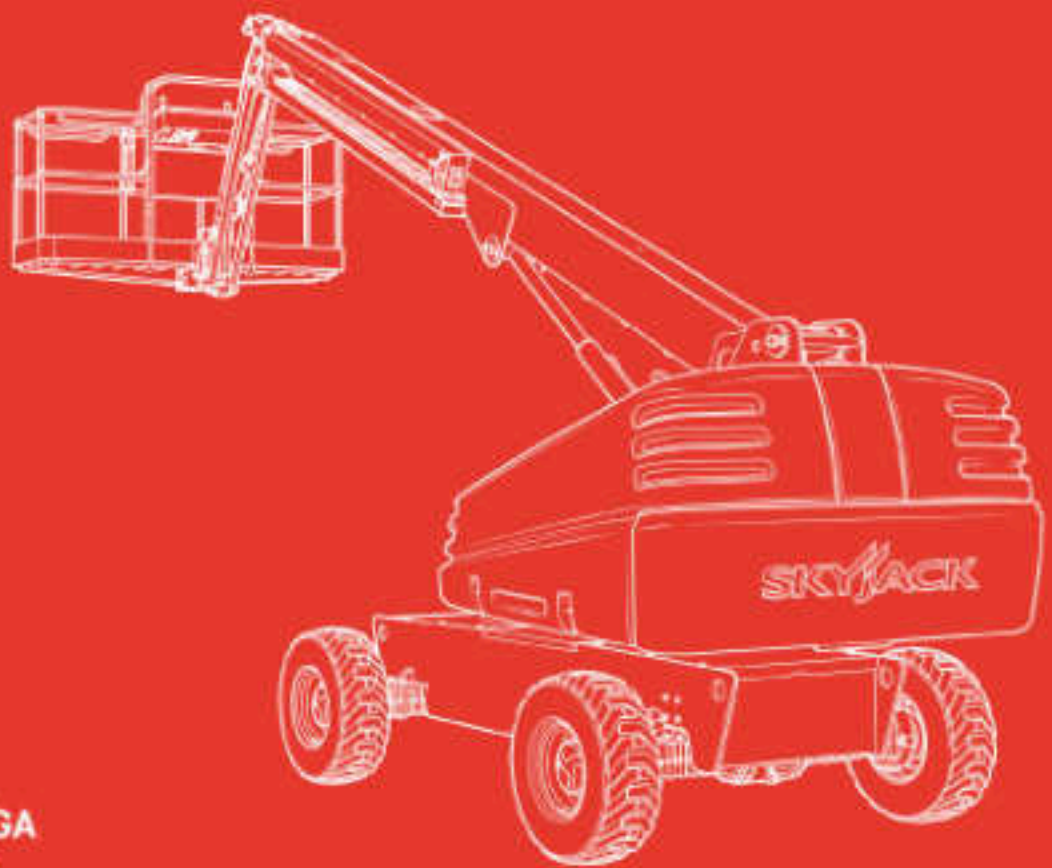
SKYJACK

SERVICE MANUAL

SJ40 T+, SJ45 T+

TELESCOPIC BOOMS



238273AGA
July 16 2026
ANSI/CSA, CE, AS

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Table of Contents

Section 1 – Maintenance 11

1.1 Read and Heed 11

1.1-1 Mobile Elevating Work Platform (MEWP) definition 11

1.1-2 Purpose of equipment 11

1.1-3 Use of equipment 11

1.1-4 Service Policy and Warranty 11

1.1-5 Ownership of MEWP 11

1.1-6 Optional equipment 11

1.2 General information 12

1.2-1 Owner's annual inspection record 12

1.2-2 Replacement parts 12

1.2-3 Maintenance and service safety tips 12

1.2-4 Hydraulic system & component maintenance and repair 13

1.2-5 Hydraulic oil maintenance 13

1.2-6 Hydraulic maintenance tips 13

1.2-7 Railing maintenance and repair 14

1.2-8 Multi-conduction control cable repair 14

1.3 Scheduled maintenance and inspections 14

1.3-1 Service bulletins 14

1.3-2 Maintenance and inspections 14

1.3-3 Schedule and instructions 15

1.3-4 Repairs 15

1.3-5 Pre-delivery/maintenance inspection checklist 16

1.3-6 Inspection points 17

1.3-7 Function tests 24

Section 2 – Maintenance Tables and Diagrams 25

2.1 Standard Hose Numbering System 25

2.2 Torque Specifications for Fasteners (Metric) 27

2.3 Torque Specifications for Fasteners (US) 28

2.4 Torque Specifications for Hydraulic Couplings & Hoses 29

2.5 MEWP Torque Specifications 30

2.6 Axle Torque Specifications 31

2.7 Axle Maintenance Intervals 32

2.8 Hydraulic Specifications 33

2.9 MEWP Specifications - for MEWPs with an Eaton drive pump and motor 34

2.10 MEWP Specifications - for MEWPs with a Hengli drive pump and motor 35

2.11 Maximum Platform Capacities 36

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2.12 Fluids 37
2.13 Engine 37
2.14 Reach diagram - SJ40 T+ 38
2.15 Reach diagram - SJ45 T+ 38

Section 3 – System Component Identification and Schematics 39

3.1 Electrical Symbol Chart 40
3.2 Hydraulic Symbol Chart 41
3.3 Wire Number and Colour Chart 42
3.4 Hydraulic Parts List 43
3.5 Electrical Parts List 46
3.6 Rotary Manifold Port Identification 49
3.7 Brake Manifold Port Identification 50
3.8 System Pump Port Identification 51
3.9 Drive Pump Port Identification 52
3.10 Drive Motor Port Identification 53
3.11 Jib and Platform Rotate Valve Port Identification - SJ45 T+ 54
3.12 Platform Rotate Valve Port Identification - SJ40 T+ 55
3.13 Main Manifold Port Identification 57
3.14 Main Manifold Electrical Component Identification 58
3.15 Main Manifold Hydraulic Component Identification 59
3.16 Major Components 60
3.17 Main Harness Wiring Diagram 61
3.18 Engine Harness 62
3.19 Engine Harness Schematic 63
3.20 Jib and Platform Rotate Harness 64
3.21 Limit Switch Connections 65
3.22 SGE Connections - 2-wire version 66
3.23 SGE Connections - 4-wire version 67
3.24 Load Cell Connections 68
3.25 Footswitch Connections 69
3.26 CAN bus Cable Connections 70
3.27 Power Cable Connections 71
3.28 Flashing Light Connection 72
3.29 Differential Lock Connection 73
3.30 Positive Air Shut-off Harness - Kubota D1305 74
3.31 Drive Pump Harness - Hengli 75
3.32 7.5 kW Generator Connections 76
3.33 Hydraulic Schematic - for MEWPs with an Eaton drive pump and motor 77
3.34 Hydraulic Schematic - for MEWPs with a Hengli drive pump and motor 78
3.35 Platform Controls Wiring - SJ40 T+ 79
3.36 Platform Controls Wiring - SJ45 T+ 80
3.37 Base Controls Wiring - SJ40 T+ 81

MidWestTech | Skyjack SJ40 T+, SJ45 T+ Telescopic Boom Lift Service Manual | Publicati... Order the manual at mid-west-tech.com >

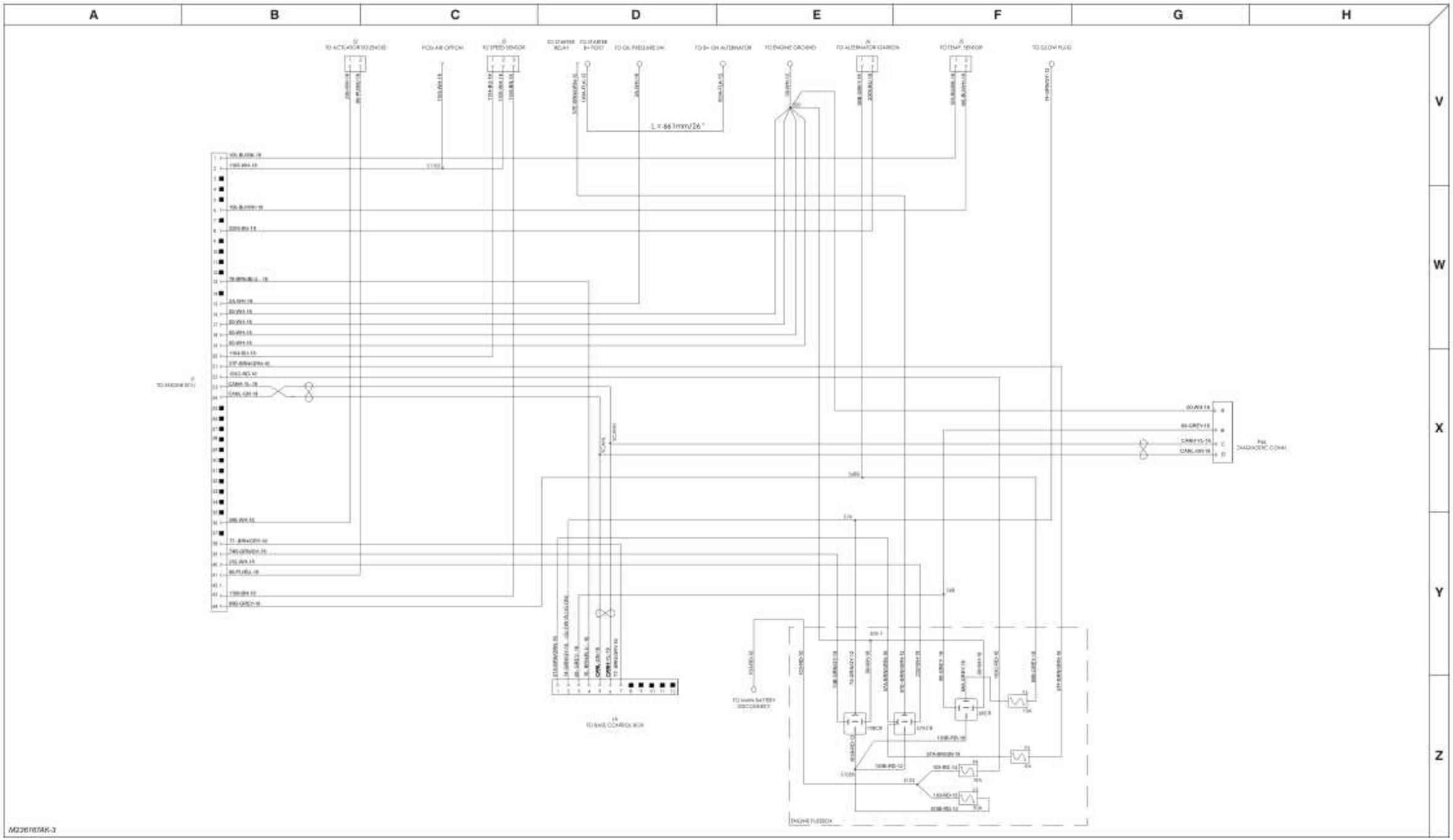
3.38 Base Controls Wiring - SJ45 T+ ANSI/CSA & AS 82
3.39 Base Controls Wiring - SJ45 T+ CE 83
3.40 Electrical Schematic - ANSI/CSA & AS 84
3.41 Electrical Schematic - CE 85
3.42 Engine Schematic - Kubota D1305 86
3.43 Engine Schematic - Kuboa WG972 87

Section 4 – Troubleshooting Information 89

4.1 Introduction 89
4.2 Electrical System 90
4.2-1 All Controls are Inoperative from the Base or Platform Console 90
4.2-2 All Controls are Inoperative from the Base Console 92
4.2-3 The Engine will not Crank from the Base or Platform 92
4.2-4 The Engine will not Crank from the Base 93
4.2-5 The Engine will not Crank from the Platform 93
4.2-6 The Boom Controls are Inoperative (Drive Operates) 93
4.2-7 No Boom Up from the Base or Platform Controls 94
4.2-8 No Boom Up from the Base Console 94
4.2-9 No Boom Up from the Platform Console 94
4.2-10 No Boom Down from the Base or Platform Consoles 94
4.2-11 No Boom Down from the Base Console 95
4.2-12 No Boom Down from the Platform Console 95
4.2-13 No Turret Rotate Right from the Base or Platform Consoles 95
4.2-14 No Turret Rotate Right from the Platform Console 95
4.2-15 No Turret Rotate Right from the Platform Console 96
4.2-16 No Turret Rotate Left from the Base or Platform Consoles 96
4.2-17 No Turret Rotate Left from the Base Console 96
4.2-18 No Turret Rotate Left from the Platform Console 96
4.2-19 No Telescope Out from the Base or Platform Consoles 97
4.2-20 No Telescope Out from the Base Console 97
4.2-21 No Telescope Out from the Platform Console 97
4.2-22 No Telescope In from the Base or Platform Consoles 97
4.2-23 No Telescope In from the Base Console 98
4.2-24 No Telescope In from the Platform Console 98
4.2-25 No Platform Level Up from the Base or Platform Consoles 98
4.2-26 No Platform Level Up from the Base Console 98
4.2-27 No Platform Level Up from the Platform Console 99
4.2-28 No Platform Level Down from the Base or Platform Consoles 99
4.2-29 No Platform Level Down from the Base Console 99
4.2-30 No Platform Level Down from the Platform Console 99
4.2-31 No Platform Rotate or Jib Functions from the Base or Platform Consoles 100
4.2-32 No Platform Rotate Right from the Base or Platform Consoles 100
4.2-33 No Platform Rotate Right from the Base Console 100

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3.19 Engine Harness Schematic



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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". See the example below for clarification.

1. Probable cause.	**Remedy.**

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5.2-9 Load Cell Calibration

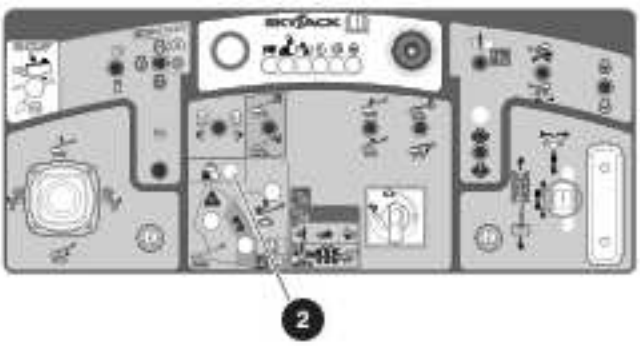
Tare weight calibration sets the unladen weight of the platform. It is the weight of an empty platform that the SCM subtracts from the gross weight reading of the load cell, giving a new zero (net) weight to start from when measuring the contents of the platform.

Net weight = Gross weight - Tare weight

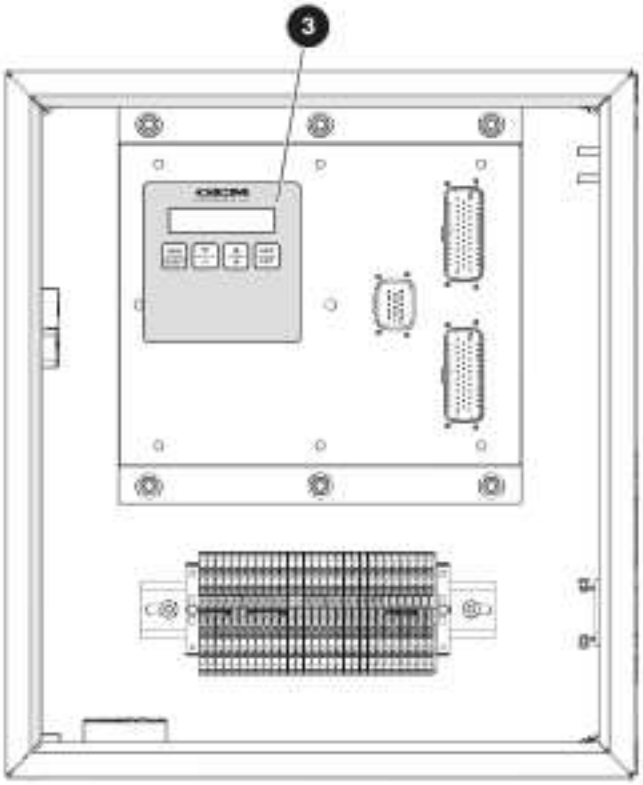
Net weight: the weight of the platform.
Gross weight: the total weight as measured by the load cell.
Tare weight: the weight of the empty platform as set by the tare weight calibration.

1. Make sure the platform is level.
2. Remove all items from the platform, including optional attachments.
3. Make sure the **capacity derate switch** ❶ is in the full capacity position, and the **capacity derate light** ❷ is not on.





4. Do the calibration procedure from the **SCM** ❸ in the base control box. Follow the flowchart on the next page.

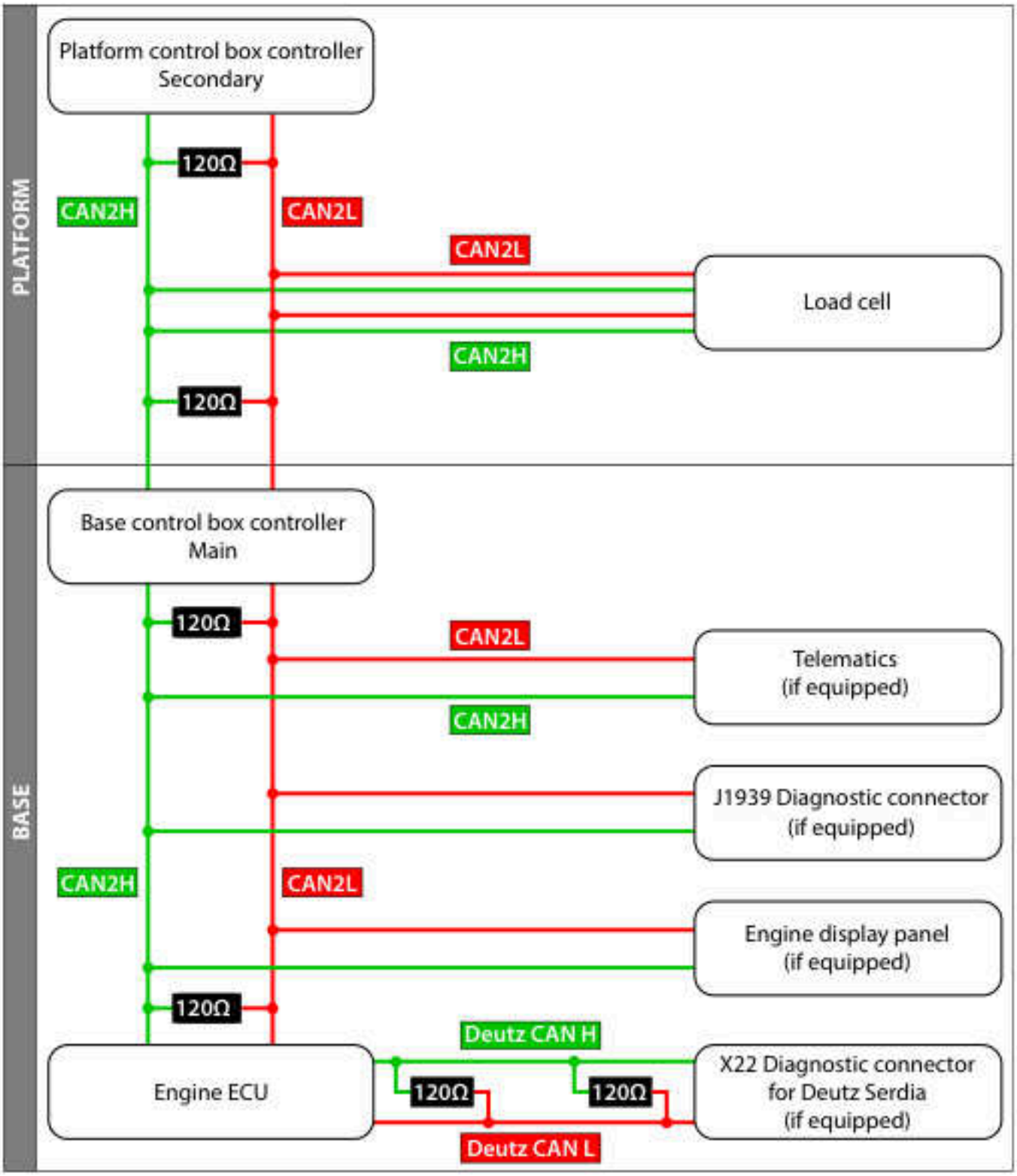


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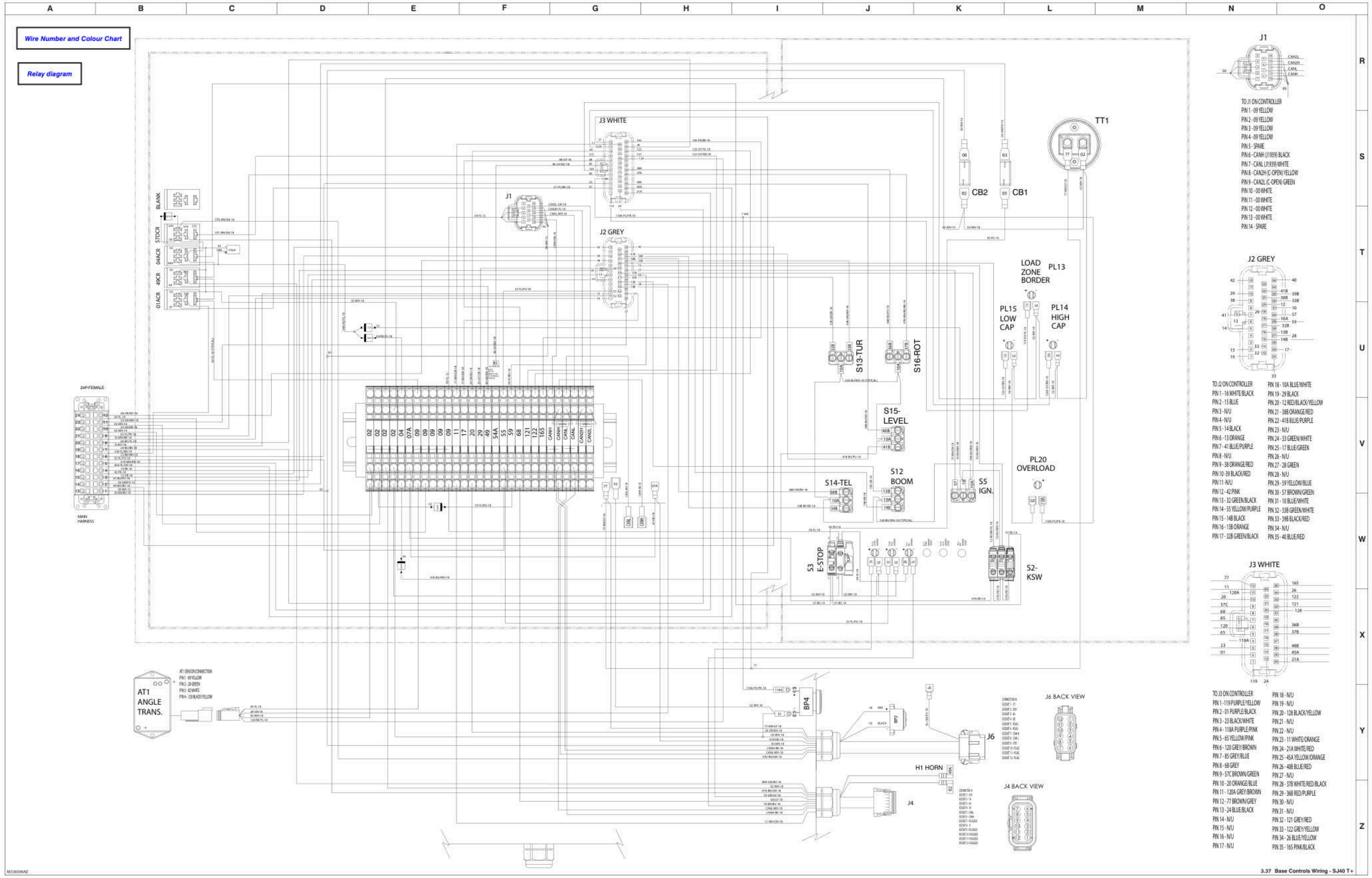
5.7 Engines 160
5.7-1 Replace the Engine Oil and Filter 160
5.7-2 Replace the Fuel Filter 160
5.7-3 Replace the Air Filter 160
5.7-4 Check the Engine Belt 161
5.7-5 Kubota D1305 Fuse Box 161
5.7-6 Kubota D1305 Error Codes 162
5.7-7 Kubota WG972 Error Codes 163
5.8 Generator 167
5.8-1 Tension the Generator Belt 167
5.9 Hydraulic Tank 168
5.9-1 Change the Hydraulic Oil 168
5.9-2 Change the Hydraulic Tank Filter 168
5.10 Manifolds and Hydraulic Pumps 169
5.10-1 Hydraulic Brake Pressure Adjustment 169
5.10-2 Hydraulic Standby Pressure Adjustment 170
5.10-3 Hydraulic System Pressure Adjustment 171
5.10-4 RV1 Relief Valve Adjustment 172
5.10-5 Turret Rotate Relief Valve Adjustment 173
5.10-6 Platform Level Relief Valve Adjustment 173
5.10-7 Fly Boom Relief Valve Adjustment 174
5.10-8 Test Charge Pump Pressure on Drive Pump 174
5.10-9 Test Forward Drive Pressure on Drive Pump 175
5.10-10 Test Reverse Drive Pressure on Drive Pump 175
5.11 Axles 176
5.11-1 Change the Oil in the Axles 176
5.11-2 Check the Oil Level in the Torque Hubs 176
5.11-3 Change the Oil in the Torque Hubs 176
5.11-4 Check the Oil Level in the Axle Gearbox 177
5.11-5 Change the Oil in the Axle Gearbox 177
5.11-6 Oscillating Cylinder Mount Inspection 178
5.11-7 Oscillating Cylinder Bolt Replacement 178
5.11-8 Oscillating Cylinder Replacement 179
5.11-9 Bleed the Oscillating Axle Cylinders 181
5.11-10 Test the Oscillating Axle Cylinders 181
5.11-11 Pin Brake Adjustments 182
5.11-12 Brake Inspection 183
5.11-13 Axle U-Bolt Torque 184
5.12 Grease Points 185
5.12-1 Grease the Turret Ring Gear 185
5.12-2 Grease the Turret Swing Drive 185
5.12-3 Grease the Axles 186
5.12-4 Grease the Drive Shaft 186

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5.2-15 CANbus connections diagram



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