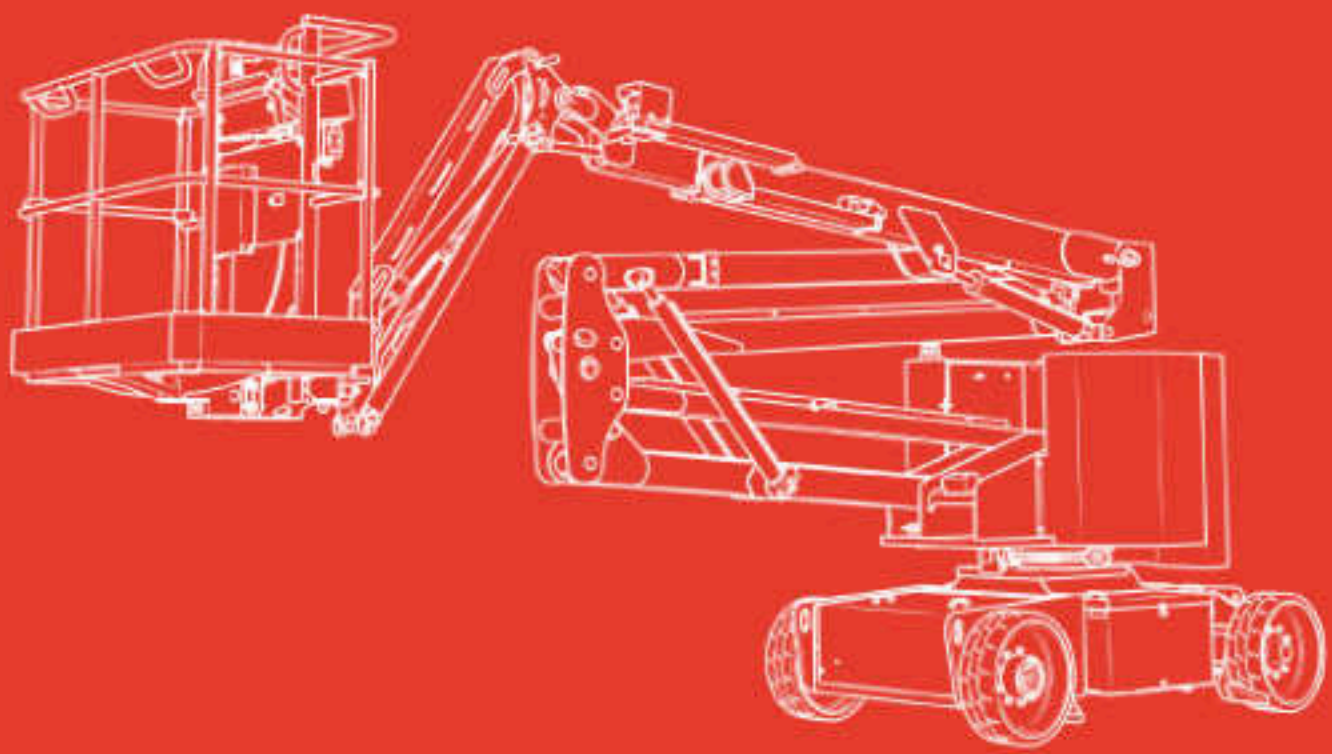
SKYJACK

SERVICE MANUAL

SJ45 AJN, SJ45 ARJN

ARTICULATING BOOM



264833ABA
August 6 2026
ANSI/CSA, CE

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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 22

Section 2 – Maintenance Tables and Diagrams 23

2.1 Standard Hose Numbering System 23

2.2 Torque Specifications for Fasteners (Metric) 25

2.3 Torque Specifications for Fasteners (US) 26

2.4 Torque Specifications for Hydraulic Couplings & Hoses 27

2.5 MEWP Torque Specifications 28

2.6 Hydraulic Specifications 29

2.7 Fluids 29

2.8 MEWP Specifications and Features 30

2.9 Maximum Platform Capacity 32

2.10 Reach Diagram - SJ45 AJN 33

2.11 Reach Diagram - SJ45 ARJN 34

MidWestTech | Skyjack SJ45 AJN, SJ45 ARJN Articulating Boom Lift Service Manual | Pub... 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 Code 38
3.4 Hydraulic Parts List 39
3.5 Electrical Parts List 40
3.6 Battery and inverter cables 43
3.7 Inverter panel component identification 44
3.8 Regen Divert Manifold 45
3.9 Jib and Platform Manifold - SJ45 AJN 46
3.10 Jib and Platform Manifold - SJ45 ARJN 47
3.11 Main and Riser Manifolds Hose Port Identification 49
3.12 Main and Riser Manifolds Component Identification 50
3.13 Major Components 51
3.14 Chassis Harness 52
3.15 Chassis Harness Schematic 53
3.16 Main Manifold Harness 54
3.17 Main Manifold Harness Schematic 55
3.18 Jib and Platform Rotate Harness - SJ45 AJN 56
3.19 Jib and platform rotate harness - SJ45 ARJN 57
3.20 Boom Limit Switches and Sensor 58
3.21 Boom Angle Sensor Harness 59
3.22 Power cable connections 60
3.23 CANbus cable connections 61
3.24 Load cell connections 62
3.25 Footswitch connections 63
3.26 2-wire SGE connections 64
3.27 4-wire SGE connections 65
3.28 All-motion alarm connections 66
3.29 Hydraulic Schematic 67
3.30 Electrical Schematic 68
3.31 Platform Controls Schematic - ANSI/CSA 69
3.32 Platform Controls Schematic - CE 70
3.33 Base Controls Schematic - ANSI/CSA 71
3.34 Base Controls Schematic - CE 72

Section 4 – Troubleshooting Information 73

4.1 Introduction 73
4.2 Electrical System 74
4.2-1 All Controls Inoperative 74
4.2-2 All Controls Inoperative If Equipped with Elevate/Trackunit Telematics 76
4.2-3 All Functions Inoperative from Platform Control Console 77
4.2-4 All Functions Inoperative from Base Control Console 78

MidWestTech | Skyjack SJ45 AJN, SJ45 ARJN Articulating Boom Lift Service Manual | Pub... Order the manual at mid-west-tech.com >

4.2-5 Missing Functions from Base Control Console (Missing input from Base controls) . . . 79
4.2-6 Missing Functions from Platform Control Console (Missing input from Platform controls) . . . 80
4.2-7 Missing Functions from Base and Platform Control Console (Missing output to function coils) . . 81
4.3 Hydraulic System. . . . 82
4.3-1 All Controls Inoperative . . . 82
4.3-2 No Main Boom Up . . . 82
4.3-3 No Main Boom Down . . . 82
4.3-4 No Riser Up . . . 83
4.3-5 No Riser Down . . . 83
4.3-6 No Turret Rotate Left . . . 83
4.3-7 No Turret Rotate Right . . . 84
4.3-8 No Boom Extend . . . 84
4.3-9 No Boom Retract . . . 84
4.3-10 No Jib Up . . . 85
4.3-11 No Jib Down . . . 85
4.3-12 No Platform Rotation Right . . . 85
4.3-13 No Platform Rotation Left . . . 86
4.3-14 No Jib Rotation Right . . . 86
4.3-15 No Jib Rotation Left . . . 86
4.3-16 Platform will not Level Down Manually . . . 87
4.3-17 Platform will not Level Up Manually . . . 87
4.3-18 No Left Steer . . . 87
4.3-19 No Right Steer . . . 88

Section 5 – Procedures . . . 89
5.1 Safety and workmanship. . . . 89
5.2 Machine control systems . . . 90
5.2-1 Controller locations . . . 90
5.2-2 Joystick pin reference . . . 91
5.2-3 Jib and platform switches voltage reference . . . 92
5.2-4 Zapi GC9033 I/O expander module pin reference (platform control box) . . . 93
5.2-6 NVR display module (base control box) . . . 94
5.2-5 NVR display - User interface keys . . . 94
5.2-7 NVR display - Pin reference . . . 95
5.2-8 NVR display - Machine info menus . . . 96
5.2-9 NVR display - Tester menu . . . 97
5.2-10 NVR display - Tester menu table A . . . 98
5.2-11 NVR display - Tester menu table B . . . 99
5.2-12 NVR display - Parameter menu . . . 100
5.2-13 NVR display - Parameter table A . . . 101
5.2-14 NVR display - Parameter table B . . . 101
5.2-17 NVR display - Parameter table C . . . 102
5.2-15 NVR display - Machine setup table A . . . 102

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2.2 Torque Specifications for Fasteners (Metric)

When specific torque values are not provided within this manual for a task, use the torque values given in the table below.

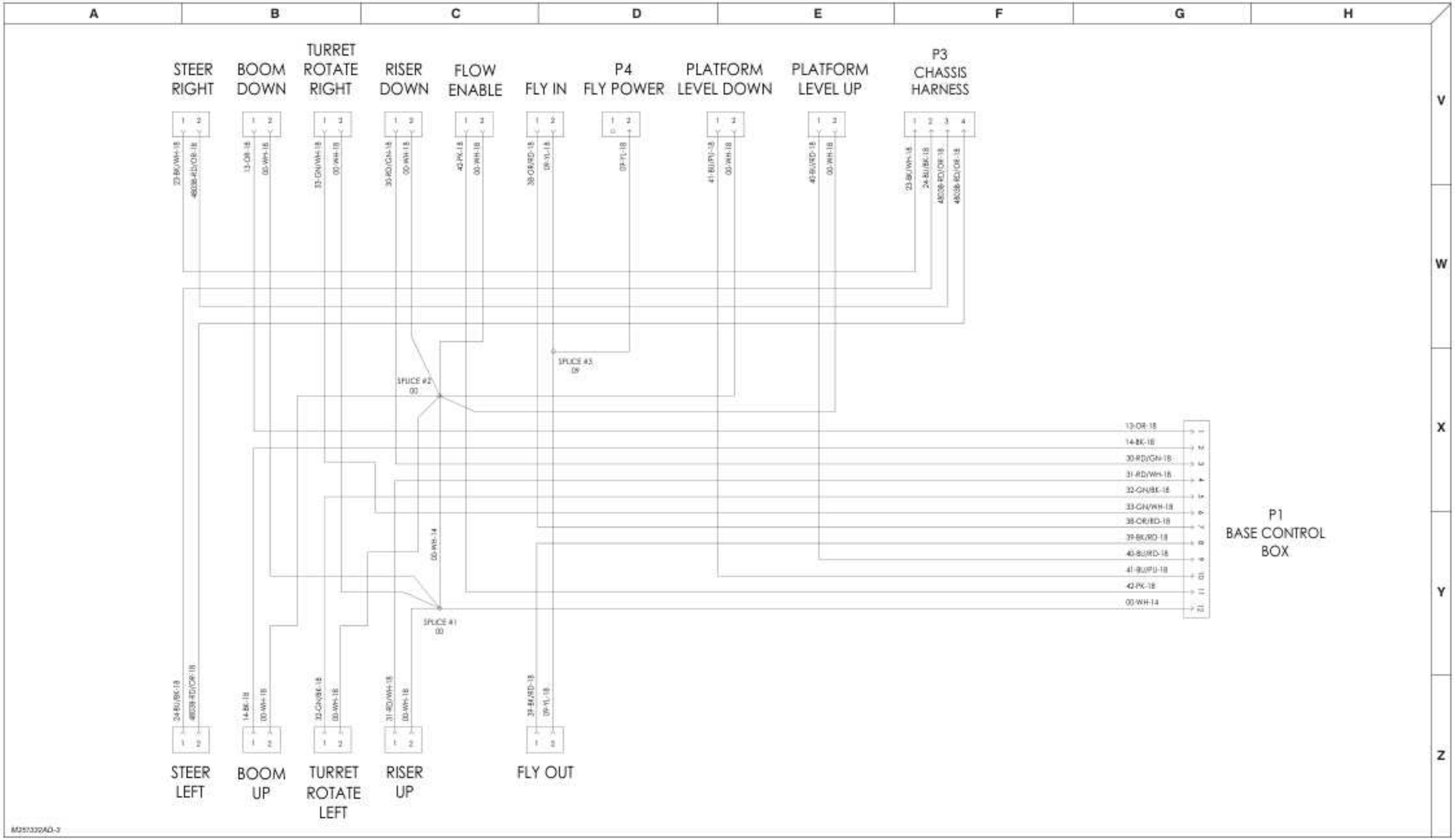
Size	Torque Type	8.8		10.9	
		Dry	Lubed	Dry	Lubed
M5 x 0.80	(in-lb)	(54)	(41)	(78)	(59)
	Nm	6.1	4.6	8.8	6.7
M6 x 1.00	(in-lb)	(92)	(69)	(133)	(99)
	Nm	10.4	7.8	15	11.2
M7 x 1.00	(in-lb)	(156)	(116)	(222)	(167)
	Nm	17.6	13.1	25.1	18.9
M8 x 1.25	(in-lb)	(225)	(169)	(333)	(242)
	Nm	25.4	19.1	37.6	27.3
M10 x 1.50	ft-lb	37	28	53	40
	Nm	50	38	72	54
M12 x 1.75	ft-lb	65	49	93	69
	Nm	88	66	126	94
M14 x 2.00	ft-lb	104	78	148	111
	Nm	141	106	201	150
M16 x 2.00	ft-lb	161	121	230	172
	Nm	218	164	312	233
M18 x 2.50	ft-lb	222	167	318	238
	Nm	301	226	431	323
M20 x 2.50	ft-lb	314	235	449	337
	Nm	426	319	609	457
M22 x 2.50	ft-lb	428	321	613	460
	Nm	580	435	831	624
M24 x 3.00	ft-lb	543	407	776	582
	Nm	736	552	1052	789
M27 x 3.00	ft-lb	796	597	1139	854
	Nm	1079	809	1544	1158
M30 x 3.50	ft-lb	1079	809	1543	1158
	Nm	1463	1097	2092	1570
M33 x 3.50	ft-lb	1468	1101	2101	1576
	Nm	1990	1493	2849	2137
M36 x 4.00	ft-lb	1886	1415	2699	2024
	Nm	2557	1918	3659	2744

NOTE: Lubed includes lubricants such as lubrizing, oil, grease, and some uncured thread lockers. Refer to the specific thread locker manufacturer's instructions for specific torque adjustments.

1375AC

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3.17 Main Manifold 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." The information preceded by a number represents the "probable cause." The following line, noted by a dash represents the "remedy" to the "probable cause" directly above it. See example below for clarification.

1. Probable cause.	**Remedy.**

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5.2-16 NVR display - Machine setup table B . . . 102
5.2-18 NVR display - Machine setup menu . . . 103
5.2-19 NVR display - Steer sensor calibration . . . 104
5.2-20 NVR display - Tilt sensor calibration . . . 105
5.2-21 NVR display - Boom angle sensor calibration . . . 106
5.2-22 NVR display - Load cell calibration . . . 107
5.2-23 TTC-2038 (CM1) machine controller pin reference (base control box) . . . 108
5.2-24 TTC 2038 (CM1) machine controller error codes . . . 110
5.2-25 Zapi (CM2) traction controller pin reference (base) . . . 144
5.2-26 Zapi (CM2) traction controller error codes . . . 146
5.3 Platform . . . 169
5.3-1 Replace the load cell . . . 169
5.4 Boom and jib . . . 173
5.4-1 Check wear pads . . . 173
5.4-2 Shimming wear pads . . . 173
5.4-3 Cable carrier repair . . . 173
5.4-4 Jib rotary actuator bolt torque sequence . . . 174
5.4-5 Platform rotary actuator bolt torque sequence . . . 174
5.5 Limit switches . . . 175
5.5-1 Limit switch locations . . . 175
5.6 Turret . . . 176
5.6-1 Ring Gear Bolt Torque Sequence . . . 176
5.7 Base . . . 177
5.7-1 Replace the battery . . . 177
5.7-2 Service the battery . . . 177
5.7-3 Charger indicators . . . 178
5.7-4 Charger profiles . . . 178
5.7-5 Charger troubleshooting . . . 179
5.7-6 Charger fault codes . . . 179
5.7-7 Charger error codes . . . 180
5.7-8 Check the torque hub oil level . . . 185
5.7-9 Grease points . . . 185

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5.2-6 NVR display module (base control box)



Maintaining proper calibration is essential for good performance of the MEWP.

The lower main controller is located on the base control box door. Open the platform control box to access the upper secondary controller.

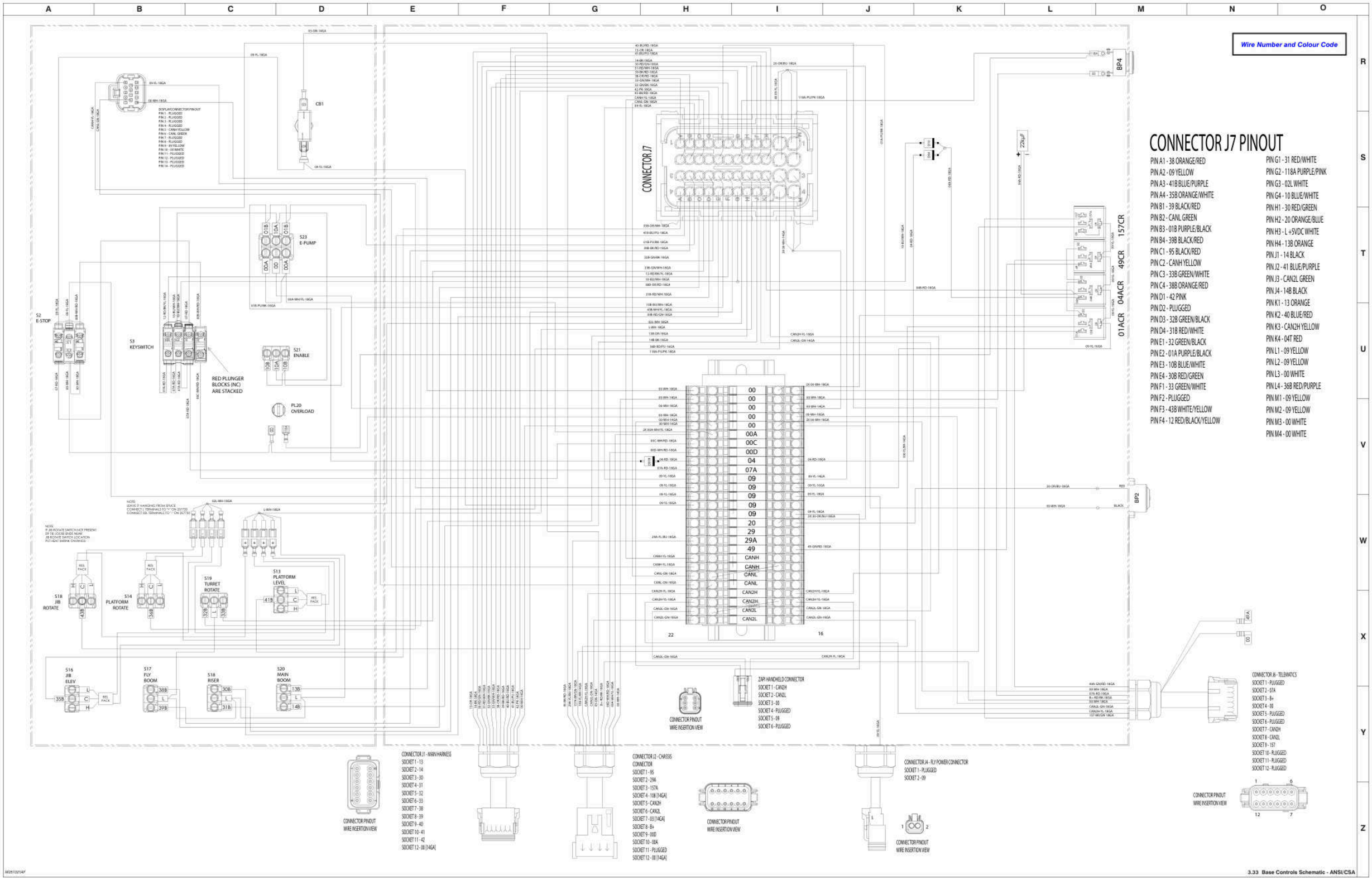
The controller has an integrated multi segment, four line display with membrane keys that allow it to be used as the main interface to system controls and adjustments. The display serves as your window into the application software to allow you to monitor or adjust the following information:

- Active function in use
- Part number and serial number
- Restore the factory default settings
- Output calibrations (Thresh, Max, Ramp.etc)
- I/O status
- CANBus status

5.2-5 NVR display - User interface keys

Button	Function
	**UP** and **DOWN** buttons Select or scroll through through menus.
	**LEFT** and **RIGHT** buttons Change settings and move through menus.
	**ESC** button Return to the previous screen.
	**ENTER** button Select or save.

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