SKYJACK

SERVICE MANUAL

SJ4740

DC ELECTRIC SCISSORS



212510AFA
July 07 2026
ANSI/CSA, CE, AS, KC

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Table of Contents

Section 1 – Scheduled 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 Function tests 13

1.3-5 Repairs 13

1.4 Owner's Annual Inspection Record 14

1.5 Frequent/Periodic/Annual/Pre-Delivery Inspection Checklist 15

1.6 Scheduled maintenance inspections 16

1.6-1 Service Bulletins 16

1.6-2 Annual Inspections 16

1.6-3 Labels 16

1.6-4 Pothole Protection Limit Switches 16

1.7 Base Inspection 17

1.8 Scissors Inspection 22

1.9 Platform Inspection 26

1.10 Function Tests 28

Section 2 – Maintenance Tables and Diagrams 29

2.1 Standard Hose Numbering System 29

MidWestTech | Skyjack SJ4740 Electric Scissor Lift Service Manual | Publication 212510AFA Order the manual at mid-west-tech.com >

2.2 Torque Specifications for Fasteners (US) 31
2.3 Torque Specifications for Fasteners (Metric) 32
2.4 Torque Specifications for Hydraulic Couplings & Hoses 33
2.5 Torque specifications for cartridges and coils 33
2.6 MEWP Torque Specifications 34
2.7 Specifications & Features 35
2.8 Maximum Platform Capacities (Evenly Distributed) 36
2.9 Floor Loading Pressure 36

Section 3 – System Component Identification and Schematics 37

3.1 Electrical Symbol Chart 38
3.2 Hydraulic Symbol Chart 39
3.3 Wire Number and Color Code 40
3.4 Hydraulic Parts List 41
3.5 Electrical Parts List 43
3.6 Platform Control Box Wiring 45
3.7 Platform Control Box Wiring - SGLE 46
3.8 Base to Platform Control Cable 47
3.9 Base Control Wiring 48
3.10 Emergency Lowering Switch Wiring 49
3.11 Limit Switch Wiring - Pothole Protection 50
3.12 Limit Switch Wiring - Anti-Overrising Posts (KC Only) 51
3.13 Anti-Overrising Harnesses (KC Only) 52
3.14 Electrical Harnesses 53
3.15 Outdoor Switch Wiring and Harness (ANSI/CSA Only) 54
3.16 Battery Cable Connections 55
3.17 Inverter wiring 56
3.18 Drive Manifold - MB5 57
3.19 Brake Manifold - MB2 57
3.20 Dual Lift Cylinder Manifold - MB3 & MB4 58
3.21 Major Component Identification 59
3.22 Main Manifold 60
3.23 Hydraulic Schematics - ANSI/CSA, AS, KC 61
3.24 Hydraulic Schematics - CE 62
3.25 Telematics Harness 63
3.26 Electrical Schematic - All Option - ANSI/CSA 64
3.27 Electrical Schematics - All Options - CE 65
3.28 Electrical Schematic - All Option - AS 66
3.29 Electrical Schematics - All Options - KC 67

MidWestTech | Skyjack SJ4740 Electric Scissor Lift Service Manual | Publication 212510AFA
Order the manual at mid-west-tech.com >

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 Except for Down Function Inoperative 75
4.2-3 All Controls Inoperative From Base Control Console 76
4.2-4 No Up Function from Base Control Console 78
4.2-5 No Down Function from Base Control Console 79
4.2-6 No Emergency Down Function from Base Control Console 80*
4.2-7 All Controls Inoperative From Platform Control Console 81
4.2-8 No Up Function from Platform Controls (ANSI/CSA, CE, and AS) 83
4.2-9 No Up Function from Platform Controls (KC) 84
4.2-10 No Down Function from Platform Controls 86
4.2-11 Right Steer Inoperative 87
4.2-12 Left Steer Inoperative 88
4.2-13 Forward Drive Function Inoperative 88
4.2-14 Reverse Drive Function Inoperative 90
4.2-15 No Drive or Steer when Platform Elevated 91
4.2-16 High/Low Torque Inoperative 92
4.2-17 Pressure Transducer PT1 Inoperative 92
4.2-18 Angle Transducers AT1 and/or AT2 Inoperative 93
4.3 Hydraulic System 94
4.3-1 All Functions Inoperative 94
4.3-2 All System Sluggish 94
4.3-3 Platform Drifts Down 94
4.3-4 Platform Lifts Slowly 94
4.3-5 Platform Does Not Lift 94
4.3-6 Platform Will Not Lower 95
4.3-7 Platform Drives Slow 95
4.3-8 Platform Will Not Drive in Forward or Reverse 95
4.3-9 Brake(s) will not Release 95
4.3-10 MEWP Will Not Hold on a Grade 96
4.3-11 Platform does not Steer 96
4.3-12 High/Low Torque Inoperative 96

Section 5 – Procedures 97
5.1 General 97
5.1-1 Safety and Workmanship 97
5.2 Platform 98
5.2-1 Single Axis Joystick 98
5.2-2 Gate Spring Hinge Adjustment 99
5.2-3 Platform Mounting Hardware 99

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Table 2.8 Maximum Platform Capacities (Evenly Distributed)

Model	Wind Rating	Total Platform Capacity		Extension Platform Capacity		Manual Force	Tilt Cutout Setting
		Capacity	Number of Persons	Capacity	Number of Persons		
ANSI/CSA	Dual rating	350 kg 770 lbs	3 persons	120 kg 265 lbs	1 person	400 N 90 lbf	1.5° x 3.5°
	12.5 m/s [28 mph]		1 person			200 N 45 lbf	1.5° x 3.5°
CE	0 m/s	350 kg	3 persons	120 kg	1 person	400 N	1.5° x 3.5°
AS	0 m/s	350 kg	3 persons	120 kg	1 person	400 N	1.5° x 3.5°
KC	0 m/s	350 kg	3 persons	120 kg	1 person	400 N	1.5° x 3.5°

1700AA

Table 2.9 Floor Loading Pressure

Model		Weights				Pressures			
		MEWP weight		Max weight per wheel		LCP**		OFL**	
		kg	lb	kg	lb	kPa	psi	kPa	psf
ANSI/CSA	min*	2934	6467	735	1620	688	100	10.0	208
	max*	3284	7237	1270	2800	956	139	11.2	233
CE	min*	2970	-	745	-	694	-	10.1	-
	max*	3320	-	1270	-	956	-	11.3	-
AS	min*	2934	-	735	-	688	-	10.0	-
	max*	3284	-	1270	-	956	-	11.2	-
KC	min*	2934	-	735	-	688	-	10.0	-
	max*	3284	-	1270	-	956	-	11.2	-

* **Min:** Minimum MEWP weight (Unloaded platform, no options/attachments) *1701AB*
Max: Maximum MEWP weight (Platform loaded to capacity with options/attachments)

Wheel is the weight that can be experienced on one wheel.
Note: *This is more than 25% of the machine weight due to possible weight distribution over the machine and platform.*

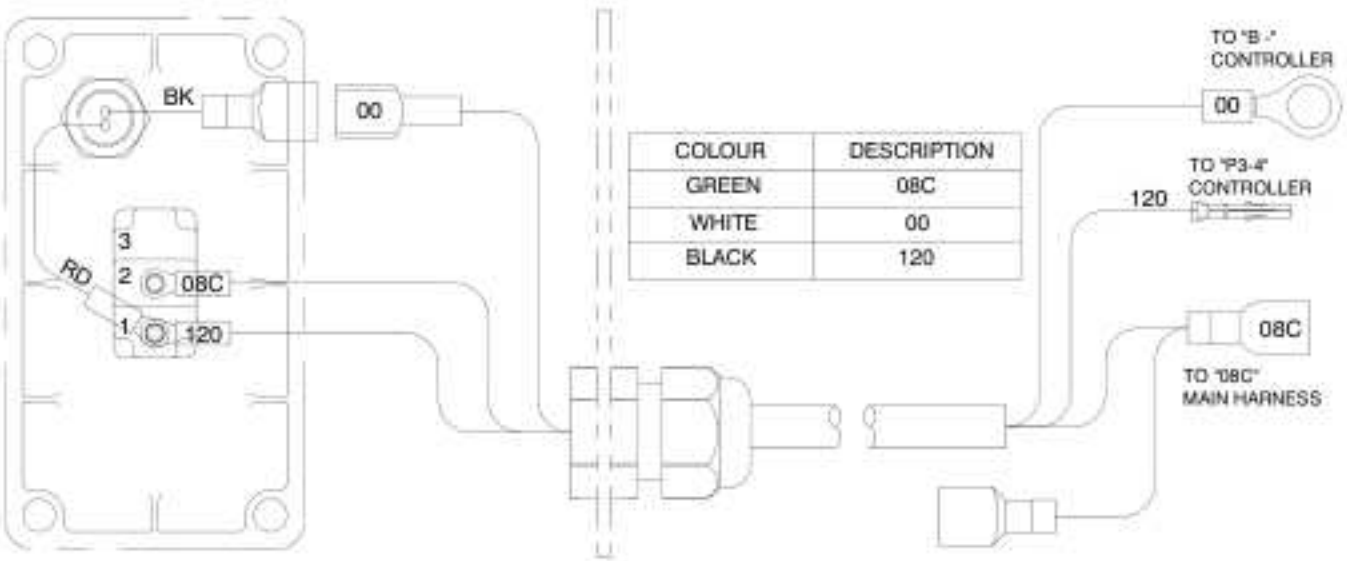
** **LCP:** Local Concentrated Pressure is a measure of how hard the MEWP presses on the area in direct contact with the floor/tire.
OFL: Overall Floor Load (Pressure) is a measure of the average load the MEWP imparts on the whole surface directly underneath the chassis. This has been calculated by dividing the MEWP weight by the overall floor area occupied by the MEWP (on wheels).

Note: *The floor covering (e.g., tile, carpet, etc.) or the structure (e.g., beams) of the operating surface must be able to withstand more than the values indicated above.*

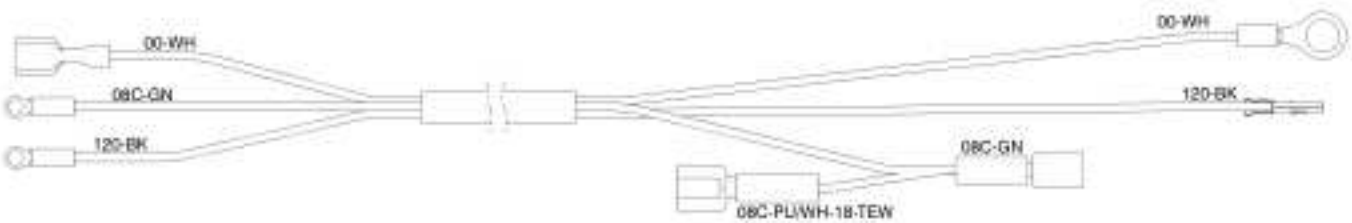
Note: *The LCP or OFL that an individual surface can withstand varies from structure to structure and is generally determined by the engineer or architect for that particular structure.*

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3.15 Outdoor Switch Wiring and Harness (ANSI/CSA Only)



COLOUR	DESCRIPTION
GREEN	08C
WHITE	00
BLACK	120



M23270AB_M23154AA

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Fault Code List (Continued)

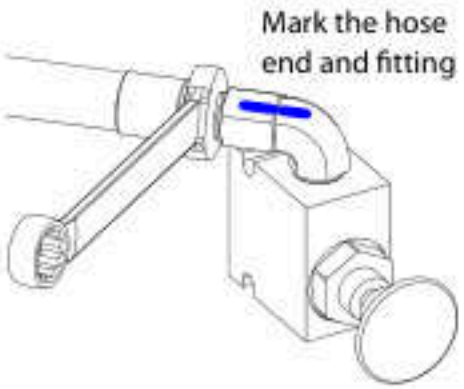
Fault Code	Description
F98:OUT OF RANGE	During static or dynamic calibration, the lift cylinder pressure is out of range (below 0.4V or above 4.6V)
FINISHED!	This display occurs when all calibrations (dynamic, loaded up, loaded down, empty up, empty down) have been completed, and the CALDATE has been entered. Be sure to press <ESC> on the display module to exit calibration, before attempting to use the machine.
GO UP MORE!	During calibration, the operator needs to close the UP or DOWN switch as required to lift or lower the platform – if the switch is closed in the wrong direction, no fault occurs but the machine does not move! This display clarifies the error.
GO DOWN MORE!	
IGNORING	During static (loaded or empty) calibration, it may happen that a second measurement is taken very close to the previous measurement (for example if the operator lets go the UP/DOWN switch – no fault occurs, and this display indicates that the new measurement is being ignored.
PLEASE WAIT	During calibration, the Control Module CM1 sometimes delays while waiting for sensor values to stabilize – this display indicates why nothing appears to be happening.

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5.3 Base 100
5.3-1 System Relief Pressure Adjustment 100
5.3-2 Lift relief pressure adjustment. 100
5.3-3 Pothole Compression Rod Replacement 101
5.3-4 Replace and Adjust the Pothole Limit Switches (LS1 battery tray side & LS2 hydraulic tray side) 102
5.3-5 Pothole Bar Replacement/Removal for Servicing. 104
5.3-6 Tightening and Torque Recommendations for Hydraulic Couplings and Hoses 106
5.3-7 Integrated Hub Wheel Removal and Installation. 108
5.3-8 Test the DC motor 109
5.4 Battery and Charger 111
5.4-1 Service the battery 111
5.4-2 Charger Maintenance 111
5.4-3 Charger Profiles 112
5.4-4 Charger Troubleshooting 113
5.4-5 Charger Error Codes. 114
5.5 Skycoded Module 118
5.5-1 Skycoded Control Module (CM1) 118
5.5-2 Skycoded Control Module Pin Chart 119
5.5-3 Calibration and Diagnostic Tool Key Functions 121
5.5-4 Diagnostics, Help Messages and Flash Codes 136
5.5-5 Override Mode Procedure 143
5.5-6 Initial Set-up and Change Defaults Procedure 143
5.5-7 Access Levels Procedure 144
5.5-8 Calibrate Level Procedure 144
5.5-9 Calibrate Load Procedure. 145
5.5-10 Language Setting Procedure 147
5.5-11 All Motion Alarm 147
5.5-12 Calibration Load - Faults. 148
5.6 Software Updates 151
5.6-1 Flash the controller 151
5.6-2 EZcal pro update. 152

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5. Note the position of the nut relative to the fitting with a marking device (i.e., paint marker).



6. Referencing the chart below, use a second box wrench to tighten the nut the appropriate number of flats past the mark. Do NOT over tighten.

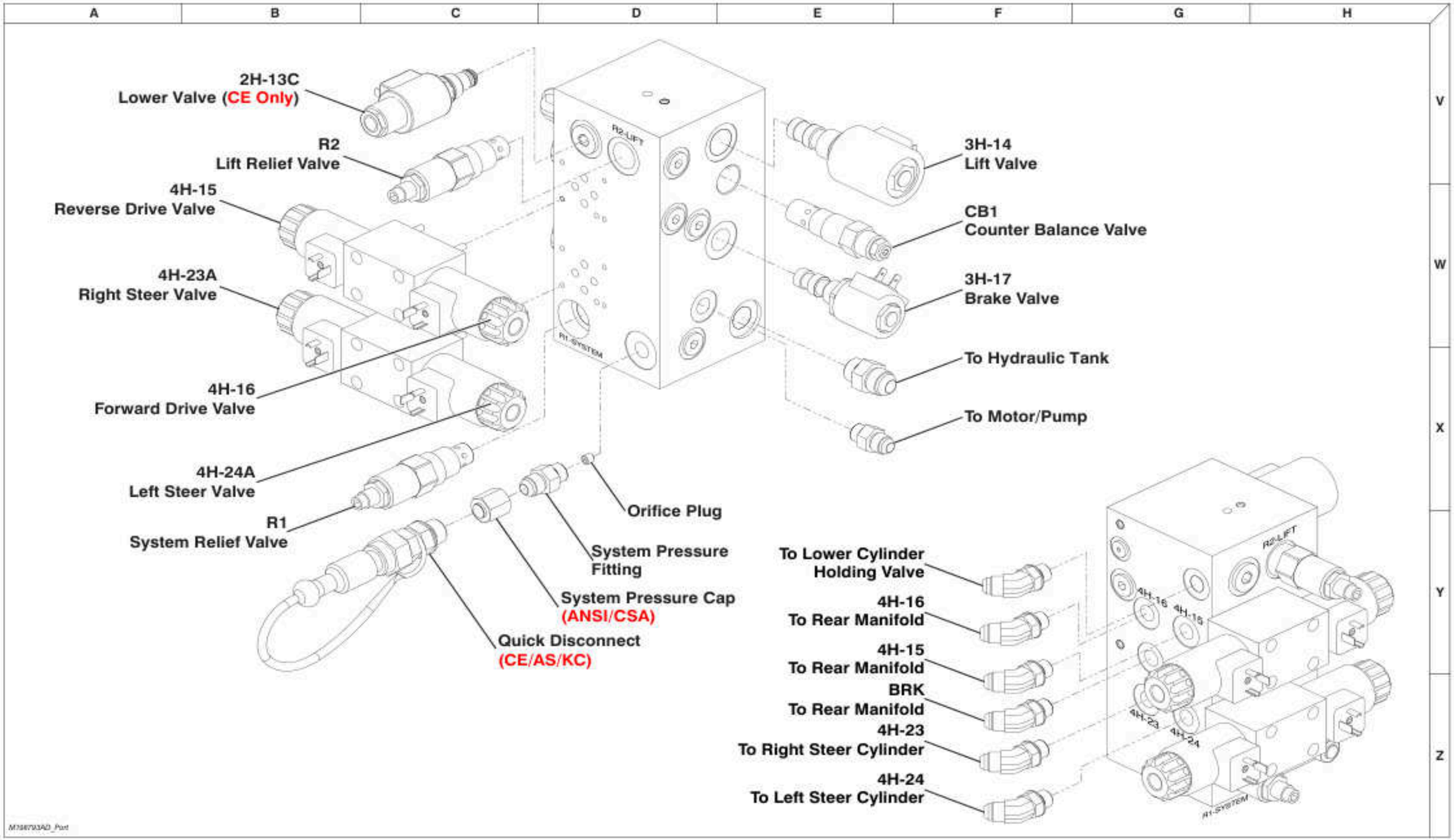
FLATS FROM WRENCH RESISTANCE CHART for JIC Hose Ends			
Size		FFWR	
Dash	Frac. (in.)	37° Tube Nut	Swivel Nut
-4	1/4"	2	1.5
-5	5/16"	2	2
-6	3/8"	1.5	1.5
-8	1/2"	1.5	1.25
-10	5/8"	1.5	-
-12	3/4"	1.25	-
-16	1"	1	-
-20	1 1/4"	1	-
-24	1 1/2	1	-
-32	2"	1	-



7. Apply a drop of torque seal to the connection.

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3.22 Main Manifold



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