

PARTS MANUAL (ANSI/CSA & KC)

DC ELECTRIC SCISSORS

MODELS SJIII 3220 SJIII 3226 SJIII 4620 SJIII 4626 SJIII 4632

160609AH October 2025

SKYJACK

MidWestTech | Skyjack SJIII 3220, SJIII 3226, SJIII 4620, SJIII 4626, SJIII 4632 Electric Sci... Order the manual at mid-west-tech.com >

Table of Contents

1.0 Platform Related Parts

1.1 Entrance Gates and Chains 8
1.2 Gate Latch Assembly 11
1.3a Side Railings - Rigid 12
1.4 Side Railings - Hinged 16
1.5a Extension Platform Railing Assembly 20
1.6a Extension Handrail 24
1.6b Extension Handrail 25
1.7 Quick Release Pins 27
1.8 Main Platform Assembly 28
1.9a Extension Platform Assembly 30
1.10a Extension Cylinder Mounting Hardware 34
1.11a Extension Cylinder Assembly 36
1.12a Hose Connections - Powered Extension (Models SJIII 3220/4620/4626) 38
1.13a Hose Connections - Powered Extension (Model SJIII 4626 ANSI/CSA) 42
1.14 Powered Extension Platform Directional Manifold Assembly 46
1.15 Platform Control Console Assembly 48
1.16a Enable Controller Assembly 50
1.17 Platform Control Console - Powered Extension Platform Cables 56
1.18 Extension Platform Harness 57
1.19 Extension Platform Control Console 58
1.20 Control Cable Assemblies 60
1.21 Platform AC Outlet 62

2.0 Scissor Related Parts

2.1 Scissor Stack Assembly (Model SJIII 3220/4620) 66
2.1 Scissor Stack Assembly (Model SJIII 3220/4620) 68
2.2 Scissor Stack Assembly (Model SJIII 3226/4626) 70
2.3 Scissor Stack Assembly (Model SJIII 4632) 72
2.4 Scissor Stack Assembly - Mounting Hardware 74
2.5 Scissor Stack Assembly - Connecting Hardware 76
2.6 Limit Switch Assembly (Scissor Stack) 78
2.7 Lift Cylinder and Mounting Hardware 80
2.8 Holding Valve Assembly (Model SJIII 3220/4620) 82
2.9 Holding Valve Assembly (Model SJIII 3226/4626/4632) 84

3.0 Base Related Parts

3.1 Base Assembly 88
3.2 Pothole Protection Device 92
3.2 Pothole Protection Device 94
3.3 Brake Assembly 96
3.4 Wheel Assembly (Models SJIII 322x & 46xx) 98
3.5 Tie Rod Assembly 99
3.6 Steer Cylinder Assembly 100
3.6a Steer Cylinder Assembly 100
3.6 Steer Cylinder Assembly 101
3.7 Pin Brake Cylinder Assembly 104
3.8 Rear Drive Manifold Assembly 106
3.9 Brake Release Manifold Assembly (Models SJIII 46xx) 108
3.10 Front Hub and Spindle Assembly 109

MidWestTech | Skyjack SJIII 3220, SJIII 3226, SJIII 4620, SJIII 4626, SJIII 4632 Electric Sci... Order the manual at mid-west-tech.com >

Table of Contents

3.11 Hydraulic Hose Connections - Pin Brake (Models SJIII 322x) 110
3.12 Hydraulic Hose Connections - Disc Brake (Models SJIII 46xx) 112
3.13 Base Control Console 114

4.0 Hydraulic Tray Related Parts

4.1 Hydraulic/Electrical Tray Assembly 118
4.2 Main Manifold Assembly 124
4.2 Main Manifold Assembly 126
4.3 Pump and Motor Assembly 128
4.4 Proportional Manifold Assembly 130
4.5 Hydraulic Hose Connections (Hydraulic/Electrical Tray) 132

5.0 Battery Tray Related Parts

5.1 Battery Tray Assembly 136
5.2 Battery Charger - Delta-Q 140
5.3 Battery Charger - Signet 142

6.0 Electrical Related Parts

6.1 Electrical Panel Hardware Assembly 146
6.2 Electrical Panel Hardware Assembly (ANSI/CSA EE Rated) 148
6.3 Main Manifold Harness 150
6.4 Rear Manifold Harness 151
6.5 Horn/Flashing Light and Tilt Switch Harnesses 152
6.6 Holding Valve, Charger Cutout, and Pressure Switch Harnesses 153
6.7 Elevate Telematics Harness 154

7.0 Optional Equipment

7.1 24VDC Inverter and Hardware 158
7.2 Inverter Assembly 160
7.3 Labels - Inverter 162
7.4 Air Hose to Platform Assembly 163
7.5 Work Light Option (ANSI/CSA) 164
7.6 Flashing Amber Light Option 166
7.7 Dual Flashing Amber Light Option (Diagonal) 168
7.8 Platform Control Console - Long Cable Option (ANSI/CSA) 170
7.8 Platform Control Console - Long Cable Option (ANSI/CSA) 172
7.9 Pipe Rack Assembly (ANSI/CSA) 174
7.10 Black Logo Labels Option (Model SJIII 4626) 176
7.11 Tool Caddy 178
7.12 Elevate Telematics 180
7.13 Secondary Guarding Lift Enable Kit 182

8.0 Labels

8.1 Label Kit 184
8.2 Labels - Platform Control Console 185
8.3 Labels - Miscellaneous 186
8.4 Labels - Left & Right Sides (Chassis) 188
8.4 Labels - Left & Right Sides (Chassis) 190
8.5 Labels - Chassis (Front & Top) 192
8.6 Labels - Rear (Scissor and Platform) 193

9.0 Tables

9.0 Fluid Table 198

MidWestTech | Skyjack SJIII 3220, SJIII 3226, SJIII 4620, SJIII 4626, SJIII 4632 Electric Sci... Order the manual at mid-west-tech.com >

Index No.	Skyjack Part No.	Qty.	Description
			NOTE: Part Numbers followed by a "DG" indicate dark grey painted parts.
			(For SJIII 3220 with serial number 60003548 and below)
			(For SJIII 3226 with serial number 27013592 and below)
			(For SJIII 46xx with serial number 70013810 and below)
1	128719DG	2	KICK PLATE, End entrance (Models SJIII 46xx)
2	128722DG	1	WELDMENT, End entrance railing (Models SJIII 46xx)
3	104183	1	PAD, Entry Railing (Models SJIII 46xx)
4	112329	4	BOLT, Self tapping (1/4"-14 x 1")
5	125580	4	SPACER, Railing retainer
6	103984	8	NUT, Hex lock (5/16"-18, Grade 5)
7	127437	8	BOLT, Carriage (5/16"-18 x 2")
8	(Ref.)	-	GUARD, Cable (For components, refer to Section 1.8)
9	130111	2	WELDMENT, End entrance railing (Full gate) (Models SJIII 46xx)
10	103404	2	WASHER, Lock (5/16")
11	100702	2	PLUG, Plastic tube
12	103864	2	BOLT, Hex head (5/16"-18 x 1", Grade 5)
13	157778	2	PLATE, Kick (Universal)
14	125448	1	GUARD, Cable
15	125504	1	RAILING, Rigid (Right hand)
16	(Ref.)	-	ENTRANCE GATE AND CHAINS (For components, refer to Section 1.1)
17	125503	1	RAILING, Rigid (Left hand)
18	(Ref.)	-	OUTLET, Platform AC (For components, refer to Section 1.21)
19	(Ref.)	-	QUICK RELEASE LARGE OR SMALL LOOP PIN ASSEMBLY (For components, refer to Section 1.7)
20	139641	1	RIVET, Pop (1/4" diameter x 0.615") (If equipped)
21	103995	1	WASHER, Flat (1/4") (If equipped)

MidWestTech | Skyjack SJIII 3220, SJIII 3226, SJIII 4620, SJIII 4626, SJIII 4632 Electric Sci... Order the manual at mid-west-tech.com >

Index No.	Skyjack Part No.	Qty.	Description
			NOTE: Part Numbers followed by a "DG" indicate dark grey painted parts.
			Parts list continued from the previous page.
15	115005	1	STATIC STRAP ASSEMBLY
	115420	1	• STRAP, Ground
	101632	1	• BOLT, Hex head (3/8"-16 x 3/4")
	103999	1	• WASHER, Lock (3/8" NOM)
	103978	1	• NUT, Hex head (3/8"-16)
16	(Ref.)	-	BASE CONTROL CONSOLE ASSEMBLY (For components, refer to Section 3.13)
17	102027	2	FITTING, Grease
18	(Ref.)	-	REAR AXLE HUB ASSEMBLY (For components, refer to Section 3.3)
19	(Ref.)	-	MOTOR, Wheel drive (For components, refer to Section 3.3)
20	141751	4	SET SCREW, Square head, cup point (3/8"-16 x 3/4", Grade 5)
21	124228DG	1	WELDMENT, Brake pin (Left hand)
	159801	1	BOLT, Socket head (zinc, 1/4"-20 x 1.25")
	104000	1	WASHER, Lock (1/4")
	103983	1	NUT, Jam (1/4"-20)
22	(Ref.)	-	PIN BRAKE CYLINDER ASSEMBLY (For components, refer to Section 3.7)
23	124229DG	1	WELDMENT, Brake pin (Right hand)
	159801	1	BOLT, Socket head (zinc, 1/4"-20 x 1.25")
	104000	1	WASHER, Lock (1/4")
	103983	1	NUT, Jam (1/4"-20)
24	(Ref.)	-	REAR WHEEL ASSEMBLY (For components, refer to Section 3.4)
25	(Ref.)	-	POTHOLE PROTECTION DEVICE ASSEMBLY (For components, refer to Section 3.2)
26	(Ref.)	-	BATTERY TRAY ASSEMBLY (For components, refer to Section 5.1)
	(Ref.)	-	HYDRAULIC/ELECTRIC TRAY ASSEMBLY (For components, refer to Section 4.1)
27	104129	2	WASHER, Thrust 1-3/8" O.D. x 3/4" I.D. x 1/8"

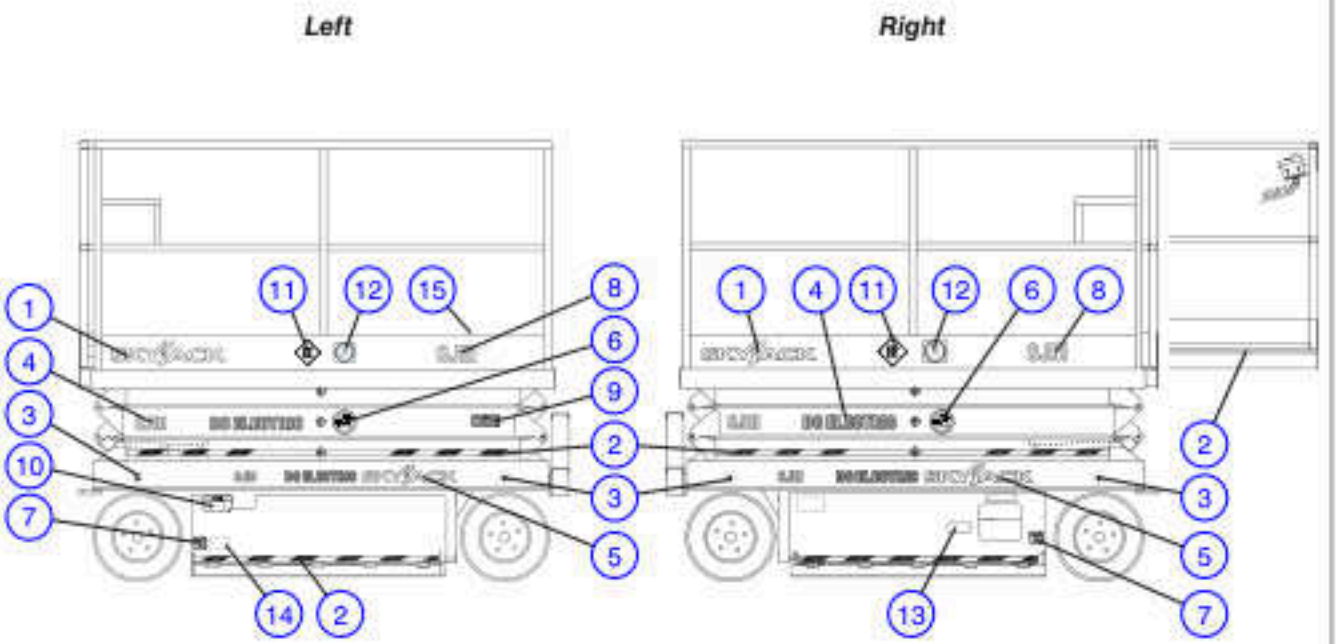
MidWestTech | Skyjack SJIII 3220, SJIII 3226, SJIII 4620, SJIII 4626, SJIII 4632 Electric Sci... Order the manual at mid-west-tech.com >

Index No.	Skyjack Part No.	Qty.	Description
			NOTE: Part Numbers followed by a "DG" indicate dark grey painted parts.
A	230302	1	SERVICE KIT, ELEVATE TELEMATICS - CONVENTIONALS
B	230299	1	SERVICE KIT, ELEVATE TELEMATICS - CONVENTIONALS (WITH KEYPAD)
-	213098	1	• CONTROL UNIT GROUP, Track Unit
1	(Ref.)	1	• • CONTROL UNIT
2	(Ref.)	1	• • BRACKET, Control Unit
3	(Ref.)	1	• • FUSE HOLDER
4	(Ref.)	1	• • FUSE, 1 AMP
-	230303	1	• TELEMATICS ASM, Install Parts
5	114678	4	• • SCREW, Round Head Machined - #6-32 x 1/2"
6	196306	4	• • NUT, Nylon Lock - #6-32 Gr. 5
7	191833	4	• • WASHER, Flat - #6
8	112248	2	• • BOLT, Round Head Machine - #8-32 x 1", B
9	138765	2	• • NUT, Nylon Lock - #8-32 Gr. 5 Zinc, B
10	226433	1	• • HARNESS, Track Unit (Not Shown)
11	220577	1	• • WIRE ASSEMBLY, B+
12	220619	1	• • RELAY ASM, Motor Contactor Cut Off
13	103962	1	• • BOLT, Machined Head/Zinc - #10-32 x 1/2"
14	104185	1	• • WASHER, Lock/Zinc - #10
15	104003	1	• • NUT, Machined - #10-32 Gr. B
16	229266	1	• • LABEL, 19DCR
17	102891	10	• • TIE WRAP CABLE, 5-3/8" (Not Shown)
18	103995	2	• • WASHER, Flat - 1/4", B
19	115649	1	• • NUT, Nylon Lock - 1/4"-20 Gr. 5, B
20	103856	1	• • BOLT, Hex Head Nylon - 1/4"-20 x 3/4" Gr. 5, B
21	114594	1	• • TERMINAL, Male - 18-22 AWG
22	114595	1	• • TERMINAL, Female - 18-22 AWG - Red
23	229265	1	• INSTRUCTIONS, Elevate Telematics - SJIII (Not Shown)
24	221111	1	• INSTRUCTIONS, OP-Telematics Track Unit (English) (Not Shown), B
25	213099	1	• KEYPAD, Track Unit, B
26	226214	1	• BRACKET, Keypad - Track Unit, B
27	173002	1	• LABEL, Equipped with Keypad, B

MidWestTech | Skyjack SJIII 3220, SJIII 3226, SJIII 4620, SJIII 4626, SJIII 4632 Electric Sci... Order the manual at mid-west-tech.com >

Index No.	Skyjack Part No.	Qty.	Description
			NOTE: Part Numbers followed by a "DG" indicate dark grey painted parts.
			(For SJIII 3220 with serial number 60003548 and below)
			(For SJIII 3226 with serial number 27013592 and below)
			(For SJIII 46xx with serial number 70013810 and below)
A	125635	1	MANUAL EXTENSION PLATFORM (Rigid) **(Model SJIII 3220)**
B	128470	1	MANUAL EXTENSION PLATFORM (Hinged) **(Model SJIII 32XX)**
C	125705	1	POWERED EXTENSION PLATFORM (Rigid) **(Model SJIII 3220)**
D	132540	1	POWERED EXTENSION PLATFORM (Hinged) **(Model SJIII 3220)**
E	130435	1	MANUAL EXTENSION PLATFORM (Rigid) **(Model SJIII 4620)**
F	130346	1	MANUAL EXTENSION PLATFORM (Hinged) **(Model SJIII 4626 & 4632)**
G	132968	1	POWERED EXTENSION PLATFORM (Rigid) **(Model SJIII 4620)**
H	132969	1	POWERED EXTENSION PLATFORM (Hinged) **(Model SJIII 4626)**
1	103796	2	• MIDRAIL, Extension platform, **A, B**
	106394	2	• MIDRAIL, Extension platform (6'), **C , D, G, H**
	130347	2	• MIDRAIL, Extension platform, **E, F**
2	103978	4	• NUT, Hex head (3/8"-16, Grade B)
3	104625	4	• SCREW, Set (3/8"-16 x 5/8")
4	106950	2	• PLATE, Extension platform railing retaining
5	160075DG	2	• PLATE, Info/Warning/Manual box
6	128468	1	• RAILING, Extension platform lower, **B, D**
	128359	1	• RAILING, Extension platform lower, **F, H**
7	100702	AR	• PLUG, Plastic tube (1.25" x 1.25")
8	128469	1	• RAILING, Extension platform upper, **B, D**
	128360	1	• RAILING, Extension platform upper, **F, H**
9	(Ref.)	-	• EXTENSION SLIDE RAILING (For components, refer to Section 1.6a)
10	103885	2	• BOLT, Hex head (5/16"-18 x 1.75")
11	(Ref.)	AR	• QUICK RELEASE LARGE/SMALL LOOP PIN ASSEMBLY (For components, refer to Section 1.7)
12	103632	8	• BOLT, Self tapping (1/4"-14 x 3/4")
13	125502	1	• RAILING, Extension platform , **A, C**
	128452	1	• RAILING, Extension platform , **E, G**
14	103984	2	• NUT, Hex nylon lock (5/16"-18)
15	130231	1	• MANUAL BOX ASSEMBLY
	117293	1	• • BOX, Manual
	112601	4	• • NUT, K-Lock (#10-32)
	104694	4	• • WASHER, Flat (#10)
	103962	4	• • SCREW, Round head machine (#10-32 x 1/2")

MidWestTech | Skyjack SJIII 3220, SJIII 3226, SJIII 4620, SJIII 4626, SJIII 4632 Electric Sci... Order the manual at mid-west-tech.com >



Index No.	Skyjack Part No.	Qty.	Description
			NOTE: Part Numbers followed by a "DG" indicate dark grey painted parts.
			Parts list continued from the previous page.
8	159532	2	LABEL, Model designation **(Model SJIII 3220)** (Not included in kit)
	159535	2	LABEL, Model designation **(Model SJIII 3226)** (Not included in kit)
	161839	2	LABEL, Model designation **(Model SJIII 4620)** (Not included in kit)
	159538	2	LABEL, Model designation **(Model SJIII 4626)** (Not included in kit)
	159541	2	LABEL, Model designation **(Model SJIII 4632)** (Not included in kit)
9	156441	1	LABEL, Annual inspection
10	159665	1	LABEL, Emergency lowering procedure **(Model SJIII 3220/4620)** (Not included in kit)
	158914	1	LABEL, Emergency lowering procedure **(Model SJIII 3226/4632)** (Not included in kit)
			Parts list continued on the next page.

MidWestTech | Skyjack SJIII 3220, SJIII 3226, SJIII 4620, SJIII 4626, SJIII 4632 Electric Sci... Order the manual at mid-west-tech.com >