SKYJACK

PARTS MANUAL

SJ3220, SJ3226, SJ4720, SJ4726, SJ4732

DC ELECTRIC SCISSORS



223197AEA
October 2025
ANSI/CSA, CE, AS, KC

MidWestTech | Skyjack SJ3220, SJ3226, SJ4720, SJ4726, SJ4732 Electric Scissor Lift Part... Order the manual at mid-west-tech.com >

Table of Contents

Foreword 7

General 7
Parts Ordering Information 7
Method of Listing 7
Quantities 7
How To Order Repair Parts 7
Recommended Service Parts 8

Section 1 – Platform 11

1.1 Main Platform - SJ3220/26 12
1.2 Main Platform - SJ4720/26/32 14
1.3 Main Platform - SJ4726 with Aircraft Option 16
1.4 Extension Platform 18
1.5 Main Railings 20
1.6 Main Railings - SJ4726 Aircraft Option 22
1.7 Extension Railing 24
1.8 Extension Railing and Front Gate - Aircraft Option 26
1.9 Rear Gates - SJ3220/26 28
1.10 Rear Gates - SJ4720/26/32 30
1.11 Full Rear Gate - Aircraft Option 32
1.12 Gate Latch 35
1.13 Powerdeck Cylinder 36
1.14 Platform Control Box 38
1.15 Control Box Cover 40
1.16 Joystick 42
1.17 Powerdeck Controls 44
1.18 Platform A/C Outlet 46
1.19 Platform Protection - Aircraft Protection 48
1.20 Outdoor Switch - SJ3226 ANSI/CSA 50

Section 2 – Scissors 53

2.1 Scissors - SJ3220, SJ4720 54
2.2 Scissors - SJ3226, SJ4726 56
2.3 Scissors - SJ4732 58
2.4 Scissors Hardware 60
2.5 Lift Cylinder 62
2.6 Cylinder Manifold - SJ3220, SJ4720 64
2.7 Cylinder Manifold - SJ3226, SJ4726/32 65

MidWestTech | Skyjack SJ3220, SJ3226, SJ4720, SJ4726, SJ4732 Electric Scissor Lift Part... Order the manual at mid-west-tech.com >

Index No.	Skyjack Part No.	Qty.	Description
A	212628	1	CONTROL BOX COVER GROUP - STANDARD
B	220966	1	CONTROL BOX COVER GROUP - SGLE
C	213838	1	CONTROL BOX COVER GROUP - ACPP *(for machines with the Aircraft Protection)*
1	196206	1	• COVER, Control Box
2	(Ref.)	1	• JOYSTICK, 5V Single Axis w/ Rocker *(For components, refer to Section 1.16 Joystick)*
3	147051	1	• EMERGENCY STOP HEAD
4	147058	1	• PUSHBUTTON HEAD, Black
5	122093	1	• INDICATOR, Battery Charge
6	115574	1	• SWITCH, Toggle - 1NT1-2
7	207741	1	• SWITCH, Toggle - 1 Pole 3 Position
8	111181	2	• GUARD, Toggle Switch
9	144016	2	• SEAL, Toggle Switch Panel Bushing
10	196141	1	• CORDGRIP, Flexible Liquid Tight
11	147056	2	• LATCH
12	147061	1	• LED BLOCK, Red - 24V
13	147053	1	• CONTACT BLOCK, Normally Closed
14	147054	1	• CONTACT BLOCK, Normally Open
15	103036	1	• CONNECTOR, Strain Relief - 1/2" NPT, *C*
16	(Ref.)	1	• PLATFORM CONTROL CABLE, *A* *(For components, refer to Section 6.3 Platform Control Cable)*
	(Ref.)	1	• PLATFORM CONTROL CABLE - SGLE, *B* *(For components, refer to Section 6.4 Platform Control Cable - SGLE)*
	(Ref.)	1	• PLATFORM CONTROL CABLE - ACPP, *C* *(For components, refer to Section 6.5 Platform Control Cable - Aircraft Protection)*
17	(Ref.)	1	• INTERLOCK HARNESS, *C* *(For components, refer to Section 6.15 Interlocks - SJ4726 Aircraft Protection)*
L	(Ref.)	1	• LABEL, Platform Control Box *(For components, refer to Section 9.2 Labels - Platform Controls)*

MidWestTech | Skyjack SJ3220, SJ3226, SJ4720, SJ4726, SJ4732 Electric Scissor Lift Part... Order the manual at mid-west-tech.com >

Index No.	Skyjack Part No.	Qty.	Description
A	220824	1	BASE CONTROLS - PLASTIC BOX *(ANSI/CSA, AS & KC)*
B	220825	1	BASE CONTROLS - PLASTIC BOX *(CE)*
C	231922	1	BASE CONTROLS - PLASTIC BOX *(ANSI/CSA) (for machines with the Aircraft Option)*
1	226493	1	• BASE, Base Controls
2	226492	1	• COVER, Base Controls, A, B
	231918	1	• PLATE, Base Controls - ACPP, C
3	147051	1	• HEAD, Emergency Stop
4	149536	1	• SWITCH, Selector Head- Keyed, A
	147057	1	• SWITCH, Selector Head- Keyed, B
5	147069	1	• HEAD, Selector Switch, A, B
6	147056	3	• LATCH, A, B
	147056	1	• LATCH, C
7	147053	3	• CONTACT BLOCK, Normally Closed, A, B
	147053	1	• CONTACT BLOCK, Normally Closed, C
8	147054	3	• CONTACT BLOCK, Normally Open, A, B
9	147061	1	• LED BLOCK, Red- 24V
10	103014	1	• GROMMET, Rubber - 5/8" x 7/8" x 1/8"
11	230108	1	• WIRING, Base Controls, A, B
	231920	1	• WIRING, Base Controls, C
12	103891	3	• BOLT, Hex Head - 1/4"-20 x 7/8" Gr. 5, A, B
13	104000	3	• WASHER, Lock - 1/4", A, B
14	216898	1	• SWITCH, Toggle - 2NT1-5, C
15	102853	2	• SWITCH, Toggle - 1NT1-7, C
16	111181	2	• GUARD, Toggle Switch, C
17	(Ref.)	1	• BASE CONTROL HARNESS *(For components, refer to Section 6.11 Base Control Harness - Metal Box)*
18	104466		• KEY, Base control
L	(Ref.)	1	• LABEL *(For components, refer to Section 9.8 Labels - Base Control Console)*

MidWestTech | Skyjack SJ3220, SJ3226, SJ4720, SJ4726, SJ4732 Electric Scissor Lift Part... Order the manual at mid-west-tech.com >

9.6 Labels - Front, Back & Top (SJ3220/26)

Index No.	Skyjack Part No.	Qty.	Description
1	119803	AR	TAPE, Caution - 1" Wide
2	173032	2	LBL, Platform Capacity - 900 (650/250) 2P/1P *(SJ3220)*
	173631	2	LBL, Platform Capacity - 500 (250/250) In 2P/Out 1P 5.64 Meters *(SJ3226 ANSI/CSA)*
	172692	2	LBL, Platform Capacity - 500 (250/250) 2P *(SJ3226 CE, AS, & KC)*
3	173025	1	LBL, Towing/Pushing Procedure - Pin Brakes *(ANSI/CSA)*
4	173020	1	LBL, Towing/Pushing Procedure - Wet Brakes *(CE, AS, & KC)*
5	173081	1	LBL, California Proposition 65 Warning - Batt *(ANSI/CSA)*
6	137988	1	LBL, Crush/Pinch Hazard Pictorial
7	102896	2	LBL, Forklift Boot Pictorial
8	119674	1	LBL, Battery Disconnect Switch Pictorial
9	173676	1	LBL, Maintenance Support Pictorial
10	124767	4	LBL, Lift Point/Tie Down Pictorial
11	124362	1	LBL, Warning Do Not Wear Jewelry Pictorial
12	158912	1	LBL, Daily Maintenance Checklist
13	158911	1	LBL, Free Wheeling
14	172678	1	LBL, Maintenance Support Procedure
15	172677	1	LBL, Danger Hazards Pictorial
16	172693	1	LBL, No Insulation
17	172928	2	LBL, Deploy Maintenance Bars
18	138211	1	LBL, Connect AC Pictorial
19	(Ref.)	1	LBL, Base Control
			(For components, refer to Section 9.8 Labels - Base Control Console)

MidWestTech | Skyjack SJ3220, SJ3226, SJ4720, SJ4726, SJ4732 Electric Scissor Lift Part... Order the manual at mid-west-tech.com >

Index No.	Skyjack Part No.	Qty.	Description
A	-	1	BATTERY, US 2200 *(ANSI/CSA)*
B	-	1	BATTERY, US 2200 *(ANSI/CSA EE-Rated & Aircraft Protection On-Board Charger)*
C	-	1	BATTERY, US 2200 *(Aircraft Protection Off-Board Charger)*
D	-	1	BATTERY, US 2200 *(CE & KC) (ANSI/CSA - Brazil)*
E	-	1	BATTERY, US 2200 *(AS)*
F	-	1	BATTERY, US 145 *(ANSI/CSA)*
G	-	1	BATTERY, US 145 *(CE & KC) (ANSI/CSA - Brazil)*
H	-	1	BATTERY, US 145 *(AS)*
I	-	1	BATTERY, AGM *(ANSI/CSA)*
J	-	1	BATTERY, AGM *(CE & KC) (ANSI/CSA - Brazil)*
K	-	1	BATTERY, US 145 *(ANSI/CSA)*
L	-	1	BATTERY, US 145 *(CE & KC)*
M	-	1	BATTERY, US 145 *(AS)*
1	103480	4	• BATTERY, 6 Volt - U2200XC2, *A, B, C, D, E*
	106552	4	• BATTERY, 6 Volt - U250XC2, *F, G, H*
	160933	4	• BATTERY, AGM EVGC6A-A, *I, J*
	106552	4	• BATTERY, 6 Volt - U145XC2, *K, L, M*
2	100440	1	• PLYWOOD, 3/8" x 10-1/2" x 28-1/2", *A, B, C, D, F, G, I, J*
	120340	1	• NEOPRENE SHEET, 1/4" x 10-1/2" x 28-1/2", *E, H, M*
3	100442	1	• WOOD SPACER, Battery - 2" x 3" x 28", *A, B, C, I, K*
	129123	2	• PLYWOOD, 3/4" x 3-1/2" x 28", *D, F, G, H, J, L*
	228087	1	• PLASTIC SPACER, 2" x 4" x 28", *E, M*
4	111423	1	• WOOD SPACER, Battery - 2" x 3" x 11", *A, B, C, I, K*
	129122	2	• PLYWOOD, 3/4" x 3-1/2" x 11", *D, F, G, H, J, L*
	120338	1	• PLASTIC-WOOD SPACER, Battery - 2" x 4" x 11", *E, M*
5	228070	1	• BATTERY CABLE, #4GA - 5/16" x 77" x 3/8"
6	216105	2	• BATTERY CABLE, #4GA - 5/16" x 11" x 5/16", *A, B, D, E, F, G, H, I, J*
7	216103	1	• BATTERY CABLE, 300A - In-Line Fuse
	310517	1	• • FUSE, 300A
8	209605	7	• INSULATOR, Battery Boot (Red), *A, B, C, D, E, F, G, H*
	209951	7	• INSULATOR, Battery Boot (Red), *I, J*
9	211395	1	• INSULATOR, Battery Boot (Black), *A, B, C, D, E, F, G, H*
	211614	1	• INSULATOR, Battery Boot (Black), *I, J*
L	(Ref.)	-	• LABELS *(For components, refer to Section 9.3 Labels - Miscellaneous)*

MidWestTech | Skyjack SJ3220, SJ3226, SJ4720, SJ4726, SJ4732 Electric Scissor Lift Part... Order the manual at mid-west-tech.com >

Index No.	Skyjack Part No.	Qty.	Description
1	105269	342"	CABTIRE, 14/3, ***SJ3220 ANSI/CSA***
	167552	408"	CABTIRE, 14/3, ***SJ3220, SJ4720 CE, AS, KC***
	105269	420"	CABTIRE, 14/3, ***SJ3226, SJ4726 ANSI/CSA*** **including Aircraft Protection**
	167553	492"	CABTIRE, 14/3, ***SJ3226, SJ4726 CE, AS, KC***
	105269	519"	CABTIRE, 14/3, ***SJ4732 ANSI/CSA***
	167554	588"	CABTIRE, 14/3, ***SJ4732 CE, AS, KC***
2	207600	1	WIRE, Ground, ***ANSI/CSA***
3	105271	1	PLUG, Male - Recessed (15A, 125V), ***ANSI/CSA***
4	113227	1	SEAL, Tite Cover - 110V, ***ANSI/CSA***
5	109699	1	PLATE, Receptacle, ***ANSI/CSA***
6	136328	1	BOX, Outlet - 110V, ***ANSI/CSA***
7	109698	1	GFCI, Receptacle, ***ANSI/CSA***
8	103857	1	BOLT, Hex Hd - 1/4"-20 x 1" Gr. 5, ***ANSI/CSA***
9	115649	1	NUT, Nylon Lock - 1/4"-20 Gr. 5, ***ANSI/CSA***
10	103995	3	WASHER, Flat - 1/4", ***ANSI/CSA***
11	119913	2	RIVET, Pop - 5/32" x 0.415", ***ANSI/CSA***
12	134140	2	RIVET, Pop - 1/4" x 0.740", ***ANSI/CSA***
13	221708	1	FACEPLATE, Power to Platform, ***CE***
14	104059	1	GROMMET, Rubber - 1/2" x 13/16" x 1/8", ***CE***
15	103957	4	SCREW, Round Head Machine - #8-32 x 1/2", ***CE***
16	103991	4	WASHER, Flat - #8, ***CE***
17	112249	4	WASHER, Lock - #8, ***CE***
L	(Ref.)	1	LABEL, AC Outlet *(For components, refer to Section 9.3 Labels - Miscellaneous)*

MidWestTech | Skyjack SJ3220, SJ3226, SJ4720, SJ4726, SJ4732 Electric Scissor Lift Part... Order the manual at mid-west-tech.com >