MODELS | SJ7127 RT SJ7135 RT



Parts Manual

Mid-Size Rough Terrain Series (ANSI/CSA)

Part No. 157940AF December 2022

SKYJACK

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Table of Contents

1.0 Platform Related Parts

1.1 Entrance Gates 8
1.2 Gate Latch Assembly 11
1.3 Main Platform Railing 12
1.4 Extension Platform Railing 14
1.5 Quick Release Pins 16
1.6 Main Platform Assembly 18
1.7 Extension Platform Assembly 19
1.8 Powered Extension Cylinder Mounting Hardware 20
1.9 Powered Extension Cylinder Assembly 21
1.10 Powered Extension Power Unit Assembly 22
1.11 Powered Extension - Control Console Assembly 24
1.12 Powered Extension - Base Cabinet Electrical Connections 25
1.13 Powered Extension - Platform Electrical Connections 26
1.14 Safety D-Ring Assembly 29
1.15 Platform Control Console Assembly - Hardware 30
1.16 Platform Control Console Assembly - Switches 32
1.17a Drive/Steer Controller Assembly 34
1.17b Drive/Steer Controller Assembly 36
1.18 Scissor Control Cable Assembly 38

2.0 Scissor Related Parts

2.1 Scissor Assembly (Model 7127) 40
2.2 Scissor Assembly (Model 7135) 44
2.3 Scissor Arm Mounting Hardware 48
2.4 Scissor Arm Connecting Hardware 50
2.5 Horn, Light & Beeper Assemblies 52
2.6 Scissor Limit Switch Assemblies 55
2.7 Lift Cylinder Assembly 56
2.8 Hydraulic Hose & Electrical Connections - Lift Cylinder 58
2.9 Splitter Manifold Assembly - Lift Cylinder 59
2.10 Holding Valve Assembly - Lift Cylinder 61

3.0 Base Related Parts

3.1 Base Assembly 62
3.2 Cabinet Door Assembly 69
3.3 Fuel Tank Assembly 70
3.4 Hydraulic Reservoir Assembly 72
3.5 Hydraulic Connections - Base 74
3.6 Hydraulic/Electrical Cabinet Assembly 76
3.7 Hydraulic Hose Connections - Hydraulic/Electrical Cabinet 78
3.8 Cushion Valve Assembly 80
3.9 Emergency Lowering Valve Assembly 81
3.10 Brake Valve Assembly 82
3.11 Motion Control Valve Assembly 83
3.12 Main Manifold Assembly 84
3.13 Electrical Panel Assembly 86

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Table of Contents

3.14 Main Manifold Harness 90
3.15 Base Control Assembly 91
3.16 Propane Tank Tray Assembly 93

4.0 Axle Related Parts

4.1 Front Axle Hardware - All Wheel Drive (Linamar) 94
4.2 Front Axle Assembly - All Wheel Drive (Linamar) 96
4.3 Front Axle End Assembly - All Wheel Drive (Linamar) 98
4.4 Front Axle Differential Assembly - All Wheel Drive (Linamar) 100
4.5 Wheel Hub Assembly - All Wheel Drive (Linamar) 102
4.6 Front Axle Shaft Assembly - All Wheel Drive (Linamar) 103
4.7 Steer Cylinder Assembly (Linamar) 104
4.8 Front Driveshaft Assembly 107
4.9 Center Drive Assembly 108
4.10 Drive Motor Assembly 110
4.11 Rear Drive Assembly - without Disc Brake Assembly 111
4.12 Rear Axle Assembly (Linamar) 112
4.13 Rear Axle Differential Assembly (Linamar) 114
4.14 Rear Axle Brake Assembly (Linamar) 116

5.0 Engine Related Parts

5.1 Engine Rollout Tray Assembly (Kubota Engine) 118
5.2 Battery Assembly 122
5.3 Engine Control Panel 124
5.4 Engine Tray Lock Assembly 127
5.5 Kubota Diesel Engine Assembly (D1305) 128
5.6 Air Intake Filter Assembly (Kubota Diesel Engine D1305) 134
5.7 Exhaust Manifold Assembly (Kubota Diesel Engine D1305) 135
5.8 Kubota Diesel Engine Harness 137
5.9 Fuel Line & Filter Mounting Assembly (Kubota Diesel Engine D1305) 138
5.10 Kubota Dual Fuel Engine Assembly (DF972) 140
5.11 Air Cleaner Assembly (Kubota DF972) 148
5.12a Exhaust Assembly (Kubota DF972) 149
5.12b Exhaust Assembly (Kubota DF972) 151
5.13a Kubota Fuel Hose Connection 1 (DF972) 152
5.13b Kubota Fuel Hose Connection 2 (DF972) 154
5.14 Hydraulic Pump Assembly 155

6.0 Optional Equipment

6.1 Front and Rear Outrigger Mounting Assembly 156
6.2 Outrigger Assembly 158
6.3 Outrigger Cylinder Assembly 160
6.4 Hydraulic Hose Connections - Outrigger Hydraulic System 161
6.5 Outrigger Manifold Assembly 163
6.6 Outrigger/Hydraulic Generator Control Console Assembly 164
6.7 Outrigger Electrical Connections 166
6.8 GP-108 Controller 168
6.9 Flashing Light Relay Harness 169



MidWestTech | Skyjack SJ7127 RT, SJ7135 RT Rough Terrain Scissor Lift Parts Manual |... **Order the manual at mid-west-tech.com >**

Table of Contents

6.10 3500W Generator and Oil Cooler Assembly 170
6.11 Hydraulic Generator and Oil Cooler Electrical Panel 172
6.12 12kW Generator Assembly (Models 71xx) 174
6.13 Hydraulic Generator and Oil Cooler 176
6.14 12kW Generator Breaker Box Assembly 178
6.15 12kW Generator Mounting Assembly 179
6.16 Hydraulic Hose Connections - 12kW Generator 180
6.17 Hydraulic Valve Assembly - 12kW Generator 181
6.18 Welder Option 182
6.19 1500W Inverter Option 184
6.20 Work Light Option 186
6.21 Air Hose to Platform Option 187
6.22 Platform AC Outlet 188

7.0 Labels

7.1 Label Kits 189
7.2 Labels - Platform Control Console 191
7.3 Labels - Miscellaneous 192
7.4 Labels - Left and Right Side 194
7.5 Labels - Front and Back Side 196
7.6 Labels - Outrigger 197

8.0 Tables

8.1 Fluid Tables 199

MidWestTech | Skyjack SJ7127 RT, SJ7135 RT Rough Terrain Scissor Lift Parts Manual |... Order the manual at mid-west-tech.com >

Index No.	Skyjack Part No.	Qty.	Description
-	147235	-	PLATFORM CONTROL CONSOLE ASSEMBLY
1	(Ref.)	-	SWITCHES, Control (For components, refer to Section 1.16)
2	128887	1	WELDMENT, Platform control console
3	128891	1	COVER, Platform control console bottom
4	112327	9	SCREW, Self-tapping (#8-18 x 1/2")
5	102956	1	PLUG, Hole (7/8")
6	115283	1	PLATFORM CONTROL CABLE ASSEMBLY
	114475	1	• CONNECTOR ASSEMBLY (32 pin)
	114466	1	• • HOUSING ASSEMBLY
	132788	1	• • • HOUSING
	132109	1	• • • CONNECTOR, Strain relief
	114469	1	• • INSERT, Male (Pins 1-16)
	114470	1	• • INSERT, Male (Pins 17-32)
7	300788	1	CONNECTOR, Strain relief (1/2")
8	(Ref.)	1	DRIVE/STEER CONTROLLER ASSEMBLY (For components, refer to Section 1.17a or Section 1.17b)
9	115401	AR	FERRULE, 18 Gauge
10	(Ref.)	-	SCISSOR CONTROL CABLE ASSEMBLY (32 pin) (For components, refer to Section 1.18)
11	124153	1	GUARD, Controller
12	103962	4	SCREW, Machine (#10-32 x 1/2")
13	104694	2	WASHER, Flat (#10)
14	104185	4	WASHER, Lock (#10)
15	104003	4	NUT, Machine (#10- 32, Grade 5)
16	124275	1	BRACKET, Terminal block mount
17	103955	6	SCREW, Machine (#6-32 x 3/4")
18	103985	6	NUT, Machine (#6-32)
19	103012	1	STRIP, Terminal block (1.5 mm)
L	(Ref.)	-	LABELS (Refer to Section 7.0)

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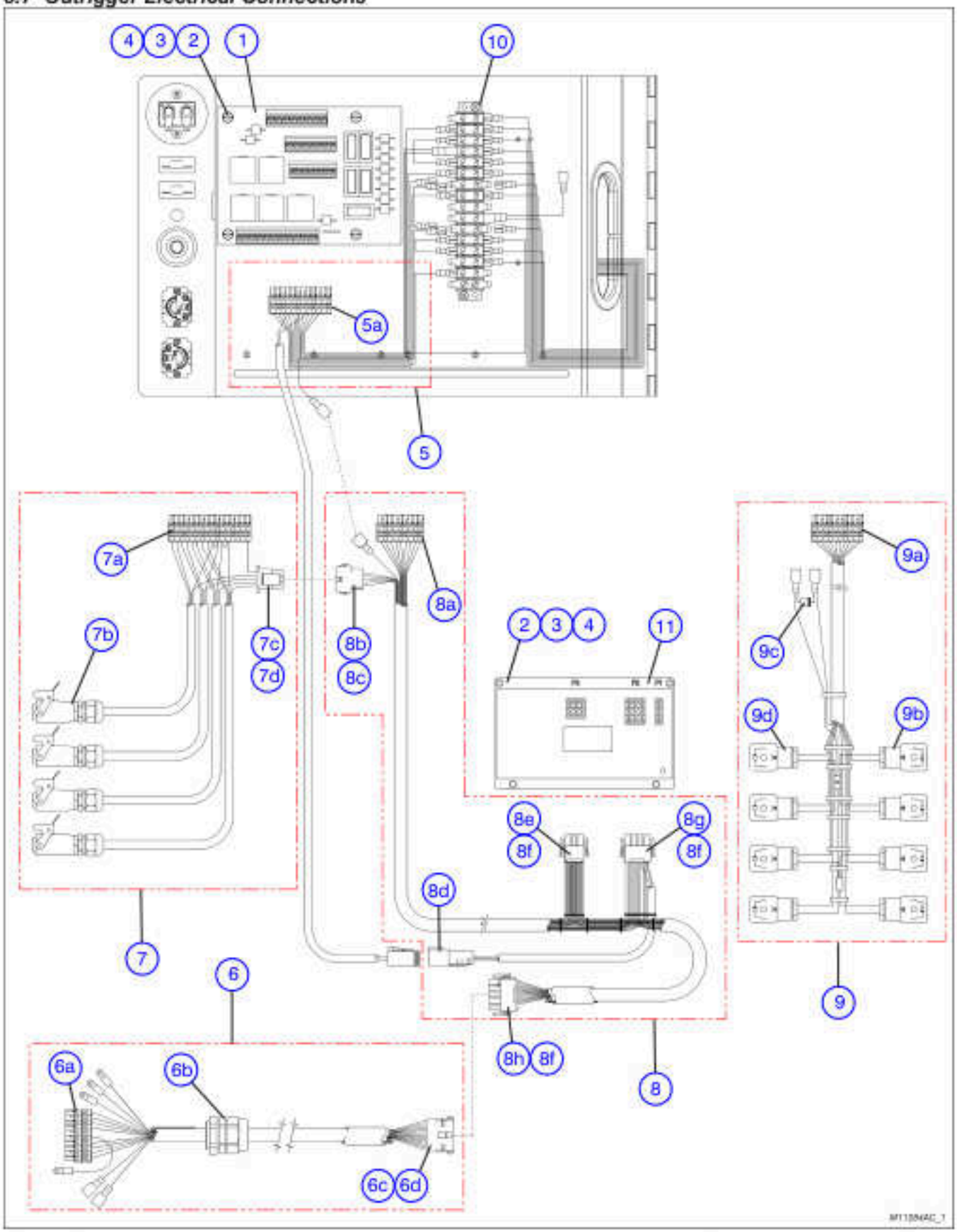
Index No.	Skyjack Part No.	Qty.	Description
			Parts list continued from the previous page.
13	155385	1	WELDMENT, Ladder (Model SJ7127 RT)
	155848	1	WELDMENT, Ladder (Model SJ7135 RT)
	103473	4	BOLT, Hex head (3/8"-16 x 1", Grade 5)
	103472	4	WASHER, Flat (3/8")
	103999	4	WASHER, Lock (3/8")
14	(Ref.)	-	AXLE REAR DRIVE ASSEMBLY (For components, refer to Section 4.12)
15	(Ref.)	-	ELECTRICAL/HYDRAULIC CABINET ASSEMBLY (For components, refer to Section 3.6)
16	127708	1	LOWERING BAR ASSEMBLY
	132477	1	• BAR, Emergency lowering access
	119920	2	• CLIP, Coated spring
	103964	2	• BOLT, Machine (#10-32 x 1/4")
	124160	2	• LOCKING PIN ASSEMBLY
17	(Ref.)	-	OUTRIGGER OPTION ASSEMBLY (For components, refer to Section 6.1)
18	(Ref.)	-	FRONT AXLE ASSEMBLY (4WD) (For components, refer to Section 4.1)
19	(Ref.)	-	OUTRIGGER HYDRAULIC SYSTEM ASSEMBLY (For components, refer to Section 6.4)
20	100309	2	BUSHING, Fiberglide (1" diameter x 1")
21	100695	4	BUSHING, Fiberglide (1" diameter x 1.5")
22	103315	16	NUT, Wheel (5/8"-18)

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Index No.	Skyjack Part No.	Qty.	Description
-	128816	1	FRONT AXLE ASSEMBLY (Linamar)
1	(Ref)	-	STEER CYLINDER ASSEMBLY (For components, refer to Section 4.7)
2	128284	2	PLUG, Magnetic (3/4"-16 UNF)
	128285	2	GASKET, Drain plug (3/4")
3	134669	1	TIE ROD
4	133404	2	BOLT, Steer stop
5	109598	2	NUT, Hex head Jam (1/2"-20)
6	(Ref)	-	AXLE END (For components, refer to Section 4.3)
7	(Ref)	-	AXLE SHAFT ASSEMBLY (For components, refer to Section 4.6)
8	(Ref)	-	DIFFERENTIAL ASSEMBLY (For components, refer to Section 4.4)
9	107947	1	NUT, Hex head jam (1-14)
10	133475	4	PIN, Clevis
11	133481	2	BOLT, Hex head cap (5/16"-18 x 5/8", Grade 5)
12	103404	2	WASHER, Lock (5/16")
13	133485	4	BUSHING, (DU Type)
14	133486	4	WASHER, Thrust (DU type)
15	133456	1	ROD END, Tie rod
16	117430	12	BOLT, Hex head cap (3/8"-16 x 1.25", Grade 8)
17	133383	AR	SEALANT, RTV
18	133469	2	SEAL, Oil C/W guide
19	133437	1	WELDMENT, Linamar front axle

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6.7 Outrigger Electrical Connections



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Index No.	Skyjack Part No.	Qty.	Description
1	132689	1	WELDMENT, Electrical cabinet
2	(Ref.)	-	EMERGENCY LOWERING VALVE ASSEMBLY (For components, refer to Section 3.9)
3	(Ref.)	-	PANEL TO CONNECTOR CONTROL CABLE ASSEMBLY (For components, refer to Section 3.13)
4	104698	4	BOLT, Machine (#10-32 x 3/4")
5	104185	4	WASHER, Lock (#10)
6	(Ref.)	-	MAIN MANIFOLD ASSEMBLY (For components, refer to Section 3.12)
7	126951	1	MAIN MANIFOLD ASSEMBLY MOUNTING HARDWARE
	100397	4	• NUT (5/16"-18)
	101446	4	• STUD, Mounting
	104637	4	• WASHER, Lock (5/16")
8	(Ref.)	-	ELECTRICAL PANEL ASSEMBLY (For components, refer to Section 3.13)
9	126830	1	ELECTRICAL PANEL BRACKET ASSEMBLY
	126820	1	• BRACKET, Rubber mount
	104000	1	• WASHER, Lock (1/4")
	105980	3	• NUT (1/4"-20, Grade 5)
	125892	1	• BUMPER, Rubber mail
	103940	1	• BOLT, Socket head (1/4"-20 x 1.25", Grade 5)
	103856	2	• BOLT, Hex head (1/4"-20 x 3/4", Grade)
	103995	2	• WASHER, Flat (1/4")
10	(Ref.)	-	BRAKE VALVE ASSEMBLY (For components, refer to Section 3.10)
11	147948	1	TILT ALARM SWITCH ASSEMBLY (No Outriggers)
	146660	1	• SWITCH, Tilt alarm (9-30V)
	120094	2	• Bolt, Hex head (#10-32 x 5/8")
	104003	2	• NUT, Hex head (#10-32)
	104185	2	• WASHER, Lock (#10)
	104694	2	• WASHER, Flat (#10)
12	(Ref.)	-	MOTION CONTROL VALVE ASSEMBLY (For components, refer to Section 3.11)
13	119726	1	SWITCH, Main disconnect (12V)
14	117408	1	BOOT, Red battery
15	(Ref.)	-	CUSHION VALVE ASSEMBLY (For components, refer to Section 3.8)
16	117398	33"	TRIM, Protective
17	130198	1	CABINET LIGHT ASSEMBLY
	130208	1	• LIGHT BULB (12V)
	127178	1	• LENS
18	115545	2	BOLT, Machine (#10-32 x 3/8")
19	132792	AR	CLAMP, Cable Bundle (7/8")
	132793	AR	CLAMP, Cable Bundle (1.375")
20	(Ref.)	-	BASE CONTROL CONSOLE (For components, refer to Section 3.15)



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