MODELS | SJ9241 SJ9250



Parts Manual

Full-Size Rough Terrain Series

Part No. 143904AG December 21, 2022

SKYJACK

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Figure 3.1 Scissor Arm Assembly - Model 9250

Index No.	Skyjack Part No.	Qty.	Description
1	118248	1	1st INNER ARM ASSEMBLY
2	118252	1	1st OUTER ARM ASSEMBLY
3	(Ref.)	-	SCISSOR PIN ASSEMBLY (For components, refer to Figure 3.3)
4	108915	1	2nd INNER ARM ASSEMBLY
5	118253	1	3rd OUTER ARM ASSEMBLY
6	111954	1	SAFETY BAR LATCH ASSEMBLY
	102780	1	• LATCH, Safety bar
	111534	1	• KNOB, Latch
7	(Ref.)	-	TOP SLIDER ASSEMBLY (For components, refer to Figure 3.2)
8	108919	1	4th INNER ARM ASSEMBLY
9	(Ref.)	-	CENTER BAR PIVOT ASSEMBLY (For components, refer to Figure 3.3)
10	108918	1	4th OUTER ARM ASSEMBLY
11	118249	1	3rd INNER ARM ASSEMBLY
12	(Ref.)	-	LIFT CYLINDER ASSEMBLY (For components, refer to Figure 3.5)
13	108914	1	2nd OUTER ARM ASSEMBLY
14	(Ref.)	-	LIMIT SWITCH PIN ASSEMBLY (For components, refer to Figure 3.3)
15	(Ref.)	-	BOTTOM SLIDER ASSEMBLY (For components, refer to Figure 3.2)
16	118034	4	PIN, Lift cylinder rod end
	118336	4	PIN, Lift cylinder base end
17	103887	8	BOLT, Hex head (5/16"-18 x 3/4")
18	103404	8	WASHER, Lock (5/16")
19	(Ref.)	-	SCISSOR CENTER PIN ASSEMBLY (For components, refer to Figure 3.3)
20	(Ref.)	-	KIT, Flashing light (For components, refer to Figures 3.16)
21	111846	16	SPACER, Scissor bumper (Machines with scissor guards)
	105395	16	BUMPER, Scissor arm (Machines with scissor guards)
	103936	1	BOLT, Socket (3/8" -16 x 1", Grade 5)
22	(Ref.)	-	GUARD, Cable carrier (For components, refer to Figure 3.8)
23	(Ref.)	-	CLAMP ASSEMBLY (For components, refer to Figure 3.8)

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Figure 3.8 Scissor Arm Electrical Connections - Model 9250

Index No.	Skyjack Part No.	Qty.	Description
1	(Ref.)	-	SCISSOR ARM ASSEMBLY (For components, refer to Figure 3.1)
2	115597	1	LIMIT SWITCH, End-of-stroke
	115658	1	• SWITCH, Sealed limit
	114595	2	• TERMINAL, Female (18GA, pink)
3	104698	2	BOLT, Machine (#10-32 x 3/4")
4	112249	2	WASHER, Lock (#8)
5	110428	1	PLATE, Limit switch mounting
6	110429	1	PLATE, Limit switch locking (top)
7	110853	2	BOLT, Flat head (1/4"-20 x 5/8")
8	116199	1	HOLDING VALVE WIRING CORD ASSEMBLY
	104409	4	• CONNECTOR, Black
	700166	4	• DIODE, Flyback (1 amp 400PIV)
9	120025	1	EMERGENCY LOWERING VALVE WIRING CORD ASSEMBLY
	104345	4	• CONNECTOR, Gray
	700166	4	• DIODE, Flyback (1 amp 400PIV)
10	115598	1	HIGH SPEED/TILT OVERRIDE LIMIT SWITCH ASSEMBLY
	119296	1	• SWITCH, Sealed limit
11	100967	2	CAM, Limit switch
12	116189	1	LIMIT SWITCH ASSEMBLY (26 Ft. lift cut out) (If equipped)
	119375	1	• SWITCH, Sealed limit
	114595	1	• TERMINAL, Female (18GA, pink)
	104546	2	• BOLT, Machine (#10-32 x 2")
	104694	2	• WASHER, Flat (#10)
	104185	2	• WASHER, Lock (#10)
13	(Ref.)	-	PLATFORM CONTROL CONSOLE CABLE ASSEMBLY (For components, refer to Figure 2.1)
14	124760	AR	CLAMP ASSEMBLY
	103078	2	• CLAMP, Double (G10)
	124445	18	• CLAMP, Double
	103962	18	• SCREW, Machine (#10 - 32 x 1/2")
	104694	18	• WASHER, Flat (#10)
	104185	18	• WASHER, Lock (#10)
	104003	18	• NUT, Machine (#10 -32 Grade B)
	124763	1	• LABEL, Ontario Hydro
15	108144	4	GUARD, Cable carrier
16	(Ref.)	-	HORN, LIGHT & BEEPER ASSEMBLIES (For components, refer to Figure 3.16 & 3.17)
17	133130	1	COVER, Limit switch
18	112449	2	SCREW, Hex head machine (1/4"-20 x 1")
19	104000	2	WASHER, Lock (1/4")
20	103995	4	WASHER, Flat (1/4")
21	103980	2	NUT, Hex head (1/4"-20 G)

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Figure 7.8 3500W Hydraulic Generator Option - Hydraulic Hose Connections

Index No.	Skyjack Part No.	Qty.	Description
1	(Ref.)	-	OIL COOLER ASSEMBLY (For components, refer to Figure 7.7)
2	110556	2	FITTING, Pipe (MP15FP12)
3	103215	2	FITTING, Hose barb
4	102854	4	CLAMP, Gear (#12)
5	103032	AR	HOSE, Suction (3/4" ID)
6	102659	1	FITTING, Connector
7	110475	1	HOSE (Pump pressure) (1/2" diameter x 122")
8	(Ref.)	-	GENERATOR, 3500W Hydraulic (For components, refer to Figure 7.7)
9	103294	1	FITTING, Hose barb (1/2" P - 3/4")
10	102374	1	FITTING, Reducer
11	112455	1	FITTING, Connector
12	112451	1	BLOCK, Manifold cross
13	108799	1	FITTING, Hose barb
14	(Ref.)	-	MAIN MANIFOLD ASSEMBLY (For components, refer to Figure 4.17)
15	102659	2	FITTING, Connector
16	106170	1	FITTING, Tee
17	112456	1	FITTING, Adapter
18	104412	1	VALVE, Generator
19	106272	1	COIL (12V)
20	103137	1	BLOCK, Manifold (Needle valve)
21	106668	1	FITTING, Connector
22	120055	1	HOSE, Suction (1" ID, 35.00")
23	103320	2	CLAMP, Gear (#16)

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Figure 8.1 Label Kit

Label Kits

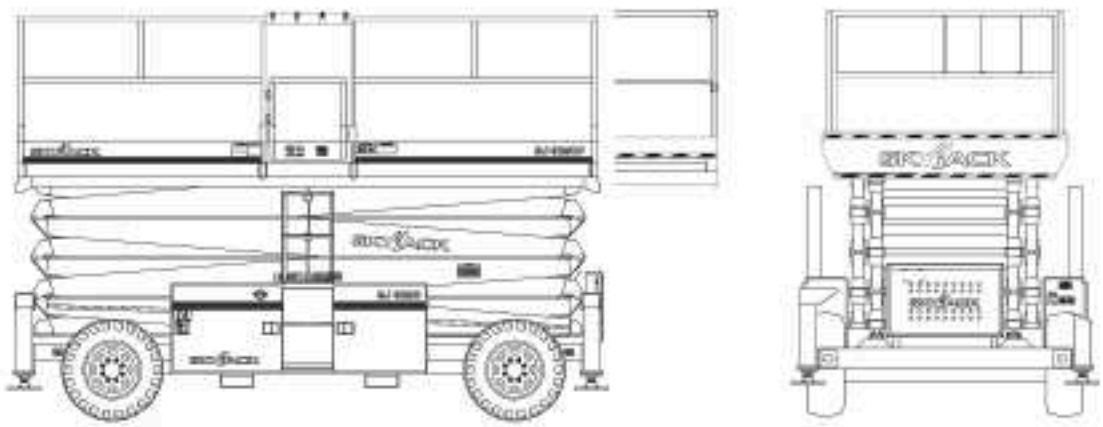
The following label kits are for SJ 9250 model only.

It excludes:

- **serial numbers**
- **nameplates**
- **registrations**
- **stripes**
- **tapes**
- **platform capacities**
- **model designations**
- **all special options**

There are two kits for this machine, one for ANSI/CSA and one for CE. Supply model number, country and language when ordering complete machine labels.

Label Kit		
MODELS	ANSI/CSA	CE
	Part # 149816	Part # 149817
SJ 9241	N/A	55 000 001 to 55 000 032
SJ 9250	50 000 513 to 50 000 745	50 000 513 to 50 000 745



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Figure 4.1 Base, Axles, and Wheels

Index No.	Skyjack Part No.	Qty.	Description
1	133583	1	WELDMENT, Base **(Model 9250)**
	149511	1	WELDMENT, Base (If equipped with scissor guards) **(Model 9250)**
	147886	1	WELDMENT, Base **(Model 9241)**
2	(Ref.)	-	CABINET ASSEMBLY (Fuel side) (For components, refer to Figure 4.2)
3	(Ref.)	-	CABINET ASSEMBLY (Hydraulic/electric side) (For components, refer to Figure 4.4)
4	151981	2	LADDER **(Model 9241)**
5	-	-	HARDWARE, Ladder
	103473	8	BOLT, Hex head (3/8-16 x 1")
	103472	8	WASHER, Flat (3/8")
	103999	8	WASHER, Lock (3/8")
6	151983	2	LADDER **(Model 9250)**
7	132477	1	ROD, Emergency lowering access **(Model 9241)**
8	124160	2	PIN ASSEMBLY, Locking **(Model 9241)**
9	103964	2	SCREW, Round head machine (10"-32 x 1/4") **(Model 9241)**
10	119920	2	CLIP, Vinyl coated **(Model 9241)**
11	(Ref.)	-	OUTRIGGER LEG ASSEMBLY (For components, refer to Figure 7.3)
12	(Ref.)	-	ENGINE **Kubota Diesel Fuel** (For components, refer to Figure 6.3) **GM** (For components, refer to Figure 6.10)
13	(Ref.)	-	ENGINE ROLL OUT TRAY & COVER ASSEMBLY (For components, refer to Figure 6.1)
14	(Ref.)	-	FRONT IDLE AXLE ASSEMBLY (2WD Models) (For components, refer to Figure 5.1)
	(Ref.)	-	FRONT DRIVE AXLE ASSEMBLY (4WD Models) **Dana Axles** (For components, refer to Figure 5.10) **Cushman Axles** (For components, refer to Figure 5.3)
15	126361	8	BOLT, Hex head (1/2"-13 x 1.75", Grade 8)
16	126286	8	WASHER, Lock (1/2", heavy duty)
17	123856	8	NUT, Hex head (1/2"-13, Grade 8)
18	(Ref.)	-	CENTER DRIVE ASSEMBLY (For components, refer to Figure 5.14)
19	103907	4	BOLT, Hex head (1/2"-13 x 1.5")
20	103470	4	WASHER, Lock (1/2")
21	104379	4	WASHER, Flat (.50 SAE, Hard, Zinc)

Parts list continued on the following page.

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