SKYJACK

PARTS MANUAL

SJ63AJ

ARTICULATING BOOM



170948AL
June 2024
ANSI/CSA, CE, AS

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1.1 Platform with Drop Bars

Index No.	Skyjack Part No.	Qty.	Description
A	154341	1	PLATFORM - 8' with Drop Bars - *ANSI/CSA*
B	154343	1	PLATFORM - 8' with Drop Bars - *CE & AS*
C	154345	1	PLATFORM - 6' with Drop Bars - *ANSI/CSA*
D	154339	1	PLATFORM - 6' with Drop Bar - *CE & AS*
1	159555	1	• PLATFORM BASE, *A*
	154317	1	• PLATFORM BASE, *C*
	(Ref.)	1	• PLATFORM BASE - CE & AS, *B, D* (For components, refer to 1.4 Platform Base - CE & AS)
2	(Ref.)	1	• RAILINGS (For components, refer to 1.3 Railings)
3	(Ref.)	3	• DROP BARS (For components, refer to 1.6 Drop Bar)
4	103996	32	• WASHER, Flat (0.312")
5	103865	12	• BOLT, Hex head (0.312"-18 x 2.00" gr 5)
6	103984	16	• NUT, Lock (0.313"-18 gr 5 nylon)
7	103866	12	• BOLT, Hex head (0.312"-18 x 2.25" gr 5)
8	139193	8	• BOLT, Hex head patch (0.375"-16 x 0.875" gr 8)
9	138559	1	• NUT, Torque lock (1-8 gr C)
10	198789	1	• BOX, Manual
11	103856	4	• BOLT, Hex head (0.25"-20 x 0.75" gr 5)
12	138696	1	• BOLT, Hex head (1.0"-8 x 10.5" gr 8)
13	103995	4	• WASHER, Flat (0.25")
14	125959	8	• WASHER, Flat (0.375" hard)
15	102646	1	• WASHER, Flat (1.00" SAE)
16	115649	4	• NUT, Lock (0.25"-20 gr 5 nylon)
17	207981	1	• BAG, Resealable (12" x 9" x 0.002")
18	114710	1	• KEY RING, Skyjack
19	173200	1	• MANUAL, Manual of responsibilities

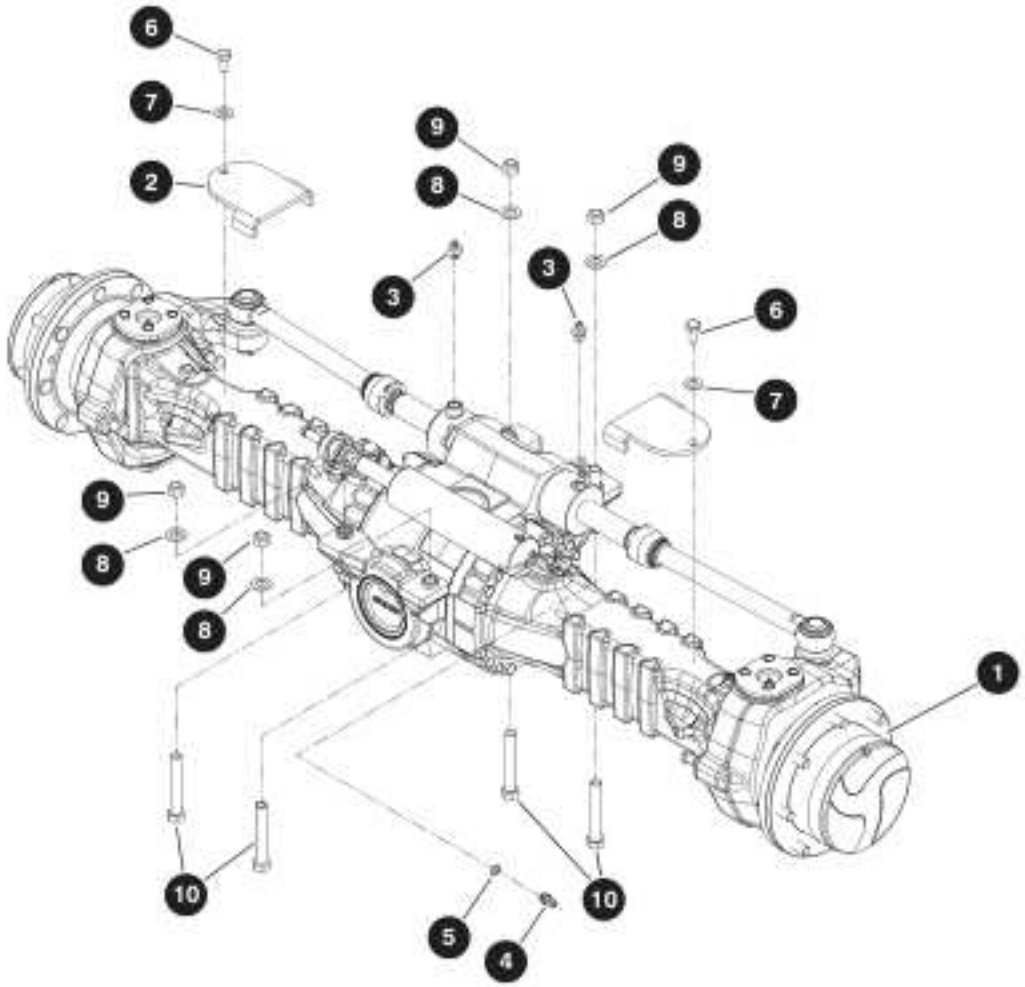
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Index No.	Skyjack Part No.	Qty.	Description
35	(Ref.)	1	• LIFT CYLINDER (For components, refer to 3.3 Lift Cylinder)
36	(Ref.)	1	• MASTER CYLINDER (For components, refer to 3.4 Master Cylinder)
37	(Ref.)	1	• SLAVE CYLINDER (For components, refer to 3.5 Slave Cylinder)
38	(Ref.)	1	• LIMIT SWITCH ASSEMBLY (For components, refer to 2.7 Limit Switches)
39	(Ref.)	1	• HARNESS ASSEMBLY, Main/Fly boom (not shown) (For components, refer to 7.5 Control Cables)

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5.2 Axle Hardware - Front



M153404AC

Index No.	Skyjack Part No.	Qty.	Description
-	153404	1	AXLE ASSEMBLY HARDWARE - FRONT
1	(Ref.)	1	• AXLE ASSEMBLY, Front (For components, refer to 5.4 Front Axle)
2	153602	2	• PLATE, Wear pad
3	131705	2	• FITTING, Straight (04JICM-08ORBM)
4	149196	1	• FITTING, Straight (04JICM-04BSPPM)
5	139126	1	• SEAL, British bonded
6	138734	2	• BOLT, Hex head (ZP, M14-2.0 x 30mm Grade 8.8)
7	700782	2	• WASHER, Flat hardened (5/8")
8	103990	4	• WASHER, Flat (3/4")
9	700575	4	• NUT, Torque lock (3/4"-10 Grade C)
10	146773	4	• BOLT, Hex head (3/4"-10 x 5" Grade 8)

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1.8 Platform Control Box

Index No.	Skyjack Part No.	Qty.	Description
A	153640	1	PLATFORM CONTROL BOX - *ANSI/CSA with Deutz Engine*
B	153655	1	PLATFORM CONTROL BOX - *ANSI/CSA with GM or Kubota Engine*
C	153649	1	PLATFORM CONTROL BOX - *CE with Deutz TD2.9 or D2011 Engine*
D	224683	1	PLATFORM CONTROL BOX - *CE with Deutz TCD2.2 Engine*
E	196033	1	PLATFORM CONTROL BOX - *CE with Kubota Engine*
F	160049	1	PLATFORM CONTROL BOX - *AS with Deutz Engine*
1	154106	1	• PLATFORM CONTROL BOX, *A*
	154108	1	• PLATFORM CONTROL BOX, *B*
	170009	1	• PLATFORM CONTROL BOX, *C*
	224837	1	• PLATFORM CONTROL BOX, *D*
	196035	1	• PLATFORM CONTROL BOX, *E*
	160047	1	• PLATFORM CONTROL BOX, *F*
2	154122	1	• • CONTROL BOX, Platform, *A, B, C, E, F*
	224838	1	• • CONTROL BOX, Platform, *D*
3	154123	1	• • • BODY, Control box, *A, B, C, E, F*
	224836	1	• • • BODY, Control box, *D*
4	154124	1	• • • LID, Control box, *A, B, C, E, F*
	224687	1	• • • LID, Control box, *D*
5	149384	1	• • • HINGE, Nylon (Left hand)
6	149385	1	• • • HINGE, Nylon (Right hand)
7	103959	8	• • • SCREW, Round machine (#10-24 x 1/4")
8	159879	2	• • • STUD, Aluminum (#10-32 x 3/8")
9	138715	2	• • • LATCH, Slotted door
10	138334	1	• • • WEATHER STRIP, Cut
11	163512	8	• • • WASHER, Int. tooth lock (#10)
12	(Ref.)	1	• • BOOM / TURRET CONTROLLER (For components, refer to 1.9 Boom / Turret Controller)
13	(Ref.)	1	• • DRIVE / STEER CONTROLLER (For components, refer to 1.10 Drive / Steer Controller)
14	(Ref.)	1	• • RISER CONTROLLER (For components, refer to 1.11 Riser Controller)
15	124446	1	• • SWITCH, Toggle
16	115747	1	• • SWITCH, Toggle
17	115574	1	• • SWITCH, Toggle, *A, C, F*
	115574	2	• • SWITCH, Toggle, *B, E*
18	138278	4	• • SWITCH, Toggle
19	148988	1	• • SWITCH, Toggle
20	138278	1	• • SWITCH, Toggle, *A, B, C, E*
	138279	1	• • SWITCH, Toggle, *F*
21	144016	9	• • SEAL, Panel bushing, *A, C, F*
22	148971	1	• • LIGHT, Amber pilot, *A, B, C, E, F*
	148971	2	• • LIGHT, Amber pilot, *D*
23	144648	1	• • SWITCH ASSEMBLY, Horn pushbutton
	147056	1	• • • LATCH, Mounting
	147054	1	• • • BLOCK, NO Contact
	147058	1	• • • SWITCH HEAD, Horn pushbutton

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9.33 Elevate Telematics

Index No.	Skyjack Part No.	Qty.	Description
			NOTE *A subscription is required to use the Elevate Telematics option. Refer to "Elevate Telematics Subscription" on page 312.*
A	223028	1	ELEVATE TELEMATICS WITH KEYPAD INSTALLATION KIT
B	223029	1	ELEVATE TELEMATICS WITHOUT KEYPAD INSTALLATION KIT
C	223022	1	ELEVATE TELEMATICS WITH KEYPAD REWORK KIT - ***Deutz D2011***
D	223023	1	ELEVATE TELEMATICS WITHOUT KEYPAD REWORK KIT - ***Deutz D2011***
E	223026	1	ELEVATE TELEMATICS WITH KEYPAD REWORK KIT - ***Deutz T/D2.9L & Perkins 2.2T***
F	223027	1	ELEVATE TELEMATICS WITHOUT KEYPAD REWORK KIT - ***Deutz T/D2.9L & Perkins 2.2T***
G	223024	1	ELEVATE TELEMATICS WITH KEYPAD REWORK KIT - ***Kubota WG2503***
H	223025	1	ELEVATE TELEMATICS WITHOUT KEYPAD REWORK KIT - ***Kubota WG2503***
			NOTE: Use kits A and B for machines which already have a telematics harness connection plug. Use kits C through H for machines without a telematics plug.
-	221993	1	• ELEVATE TELEMATICS INSTALLATION KIT
1	211143	1	• • BRACKET, Elevate keypad/GPS mounting
2	211134	2	• • SPACER, Keypad offset
3	300450	2	• • NUT, Lock (10-32 gr 5 nylon)
4	104694	2	• • WASHER, Flat (#10)
5	104698	2	• • SCREW, Round head machine (10-32 x 0.75")
6	191833	4	• • WASHER, Flat (#6)
7	196306	4	• • NUT, Lock (6-32 gr 5 nylon)
8	114678	4	• • SCREW, Round head machine (6-32 x 0.50")
9	152294	2	• • SCREW, Round head machine (8-32 x 1.25")
10	103991	2	• • WASHER, Flat (#8)
11	103986	2	• • NUT, Hex (8-32)
12	221149	1	• • WIRE ASSEMBLY, B+
13	220577	1	• • WIRE ASSEMBLY, B+
14	173002	1	• • LABEL, Equipped with Elevate keypad
15	102892	20	• • TIE, Cable (5-3/8") (not shown)
16	213099	1	• TELEMATICS, Elevate keypad, ***A***
17	213098	1	• TELEMATICS, Elevate GPS ME501-4
	199295	1	• • COVER
	199296	1	• • BRACKET
	199297	1	• • BATTERY
	199298	1	• • CABLE, Control
	199299	1	• • FUSE KIT, 1 amp fuse and holder
18	221920	1	• INSTRUCTIONS, Elevate telematics ready installation (not shown), ***A, B***
	221919	1	• INSTRUCTIONS, Elevate telematics rework - Deutz D2011 (not shown), ***C, D***
	221892	1	• INSTRUCTIONS, Elevate telematics rework - Deutz D/TD2.9L & Perkins 2.2T (ns), ***E, F***
	221893	1	• INSTRUCTIONS, Elevate telematics rework - Kubota WG2503 (not shown), ***G, H***
19	221111	1	• INSTRUCTION, Operating - Elevate telematics (not shown), ***A, C, E, G***
			The parts list for kits C through H are continued on the following pages.

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