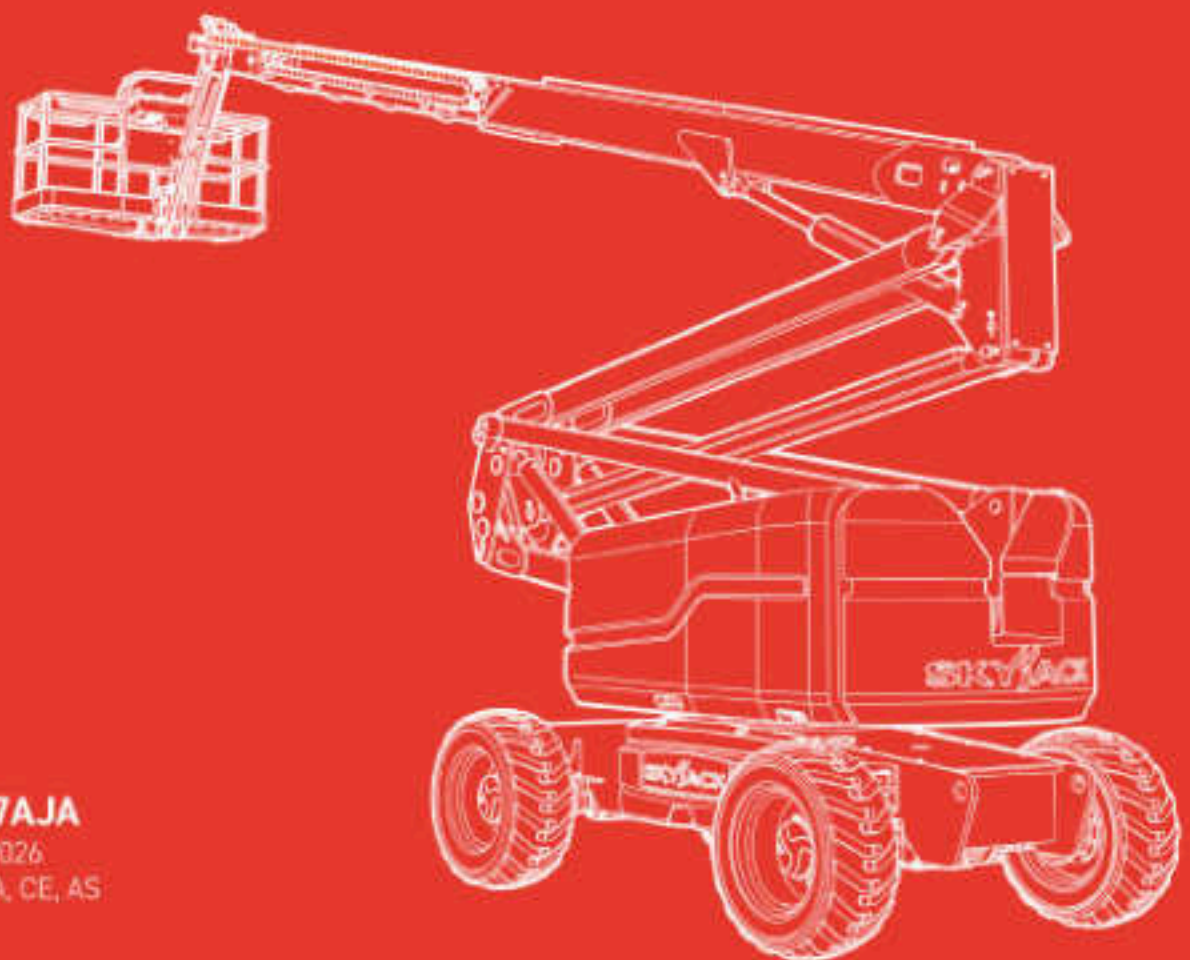
SKYJACK

PARTS MANUAL

SJ85 AJ

ARTICULATING BOOM



229037AJA
April 10 2026
ANSI/CSA, CE, AS

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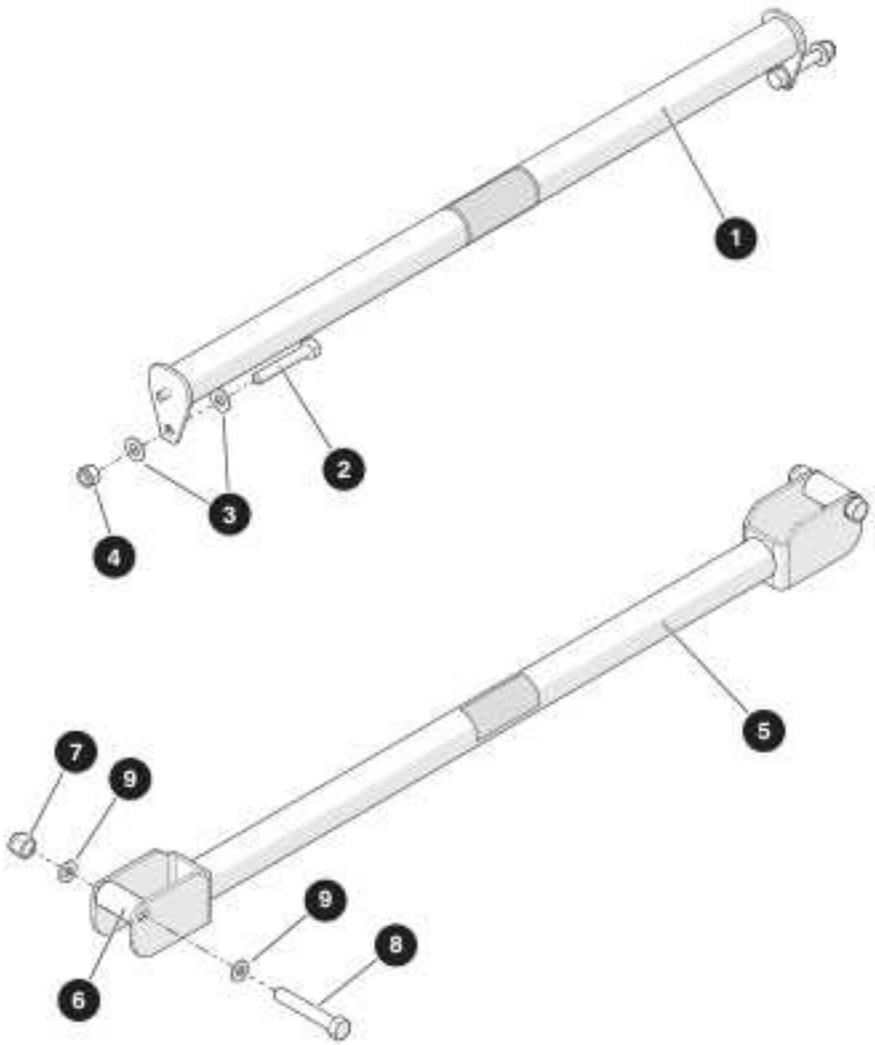
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1.6 Drop Bar Gate

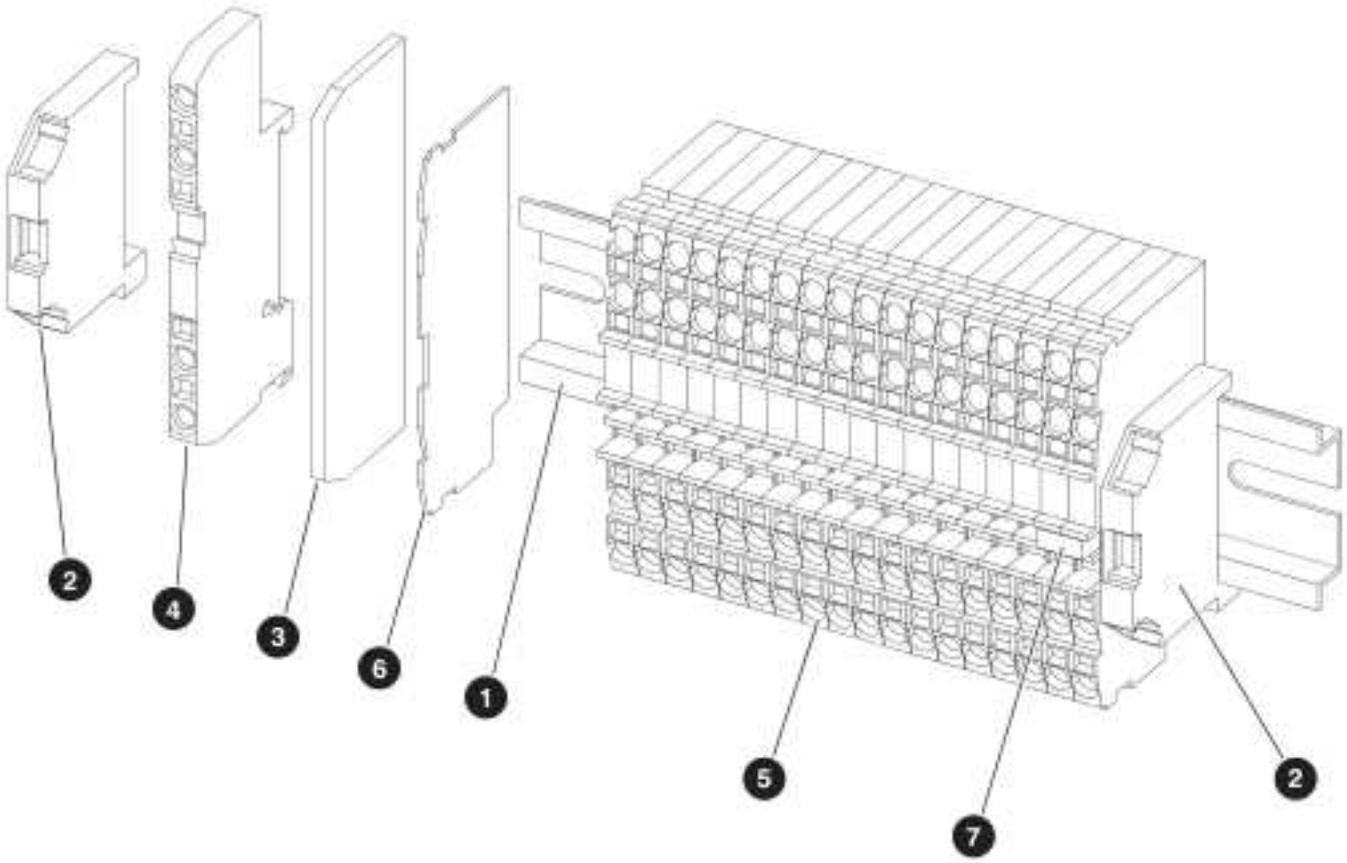


MTI94068AA

Index No.	Skyjack Part No.	Qty.	Description
-	194069	1	DROP BAR GATE FIELD KIT
-	171986	1	• DROP BAR GATE
1	160708	1	• • TIE BAR
2	103865	2	• • BOLT, Hex head (0.312"-18 x 2.00" gr 5)
3	103996	4	• • WASHER, Flat (0.312" SAE)
4	103984	2	• • NUT, Lock (0.313"-18 gr 5 nylon)
-	162965	1	• • DROP BAR ASSEMBLY
5	162958	1	• • • DROP BAR
6	154386	2	• • • SPACER (0.375" ID x 0.75" OD x 1.375" lg)
7	103872	2	• • • BOLT, Hex head (0.375"-16 x 2.25" gr 5)
8	104606	2	• • • NUT, Lock (0.375"-16 gr 5 nylon)
9	103472	4	• • • WASHER, Flat (0.375" SAE)
10	194067	1	• INSTRUCTION, Drop bar installation (not shown)

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6.19 Terminal Strip - Engine Controls

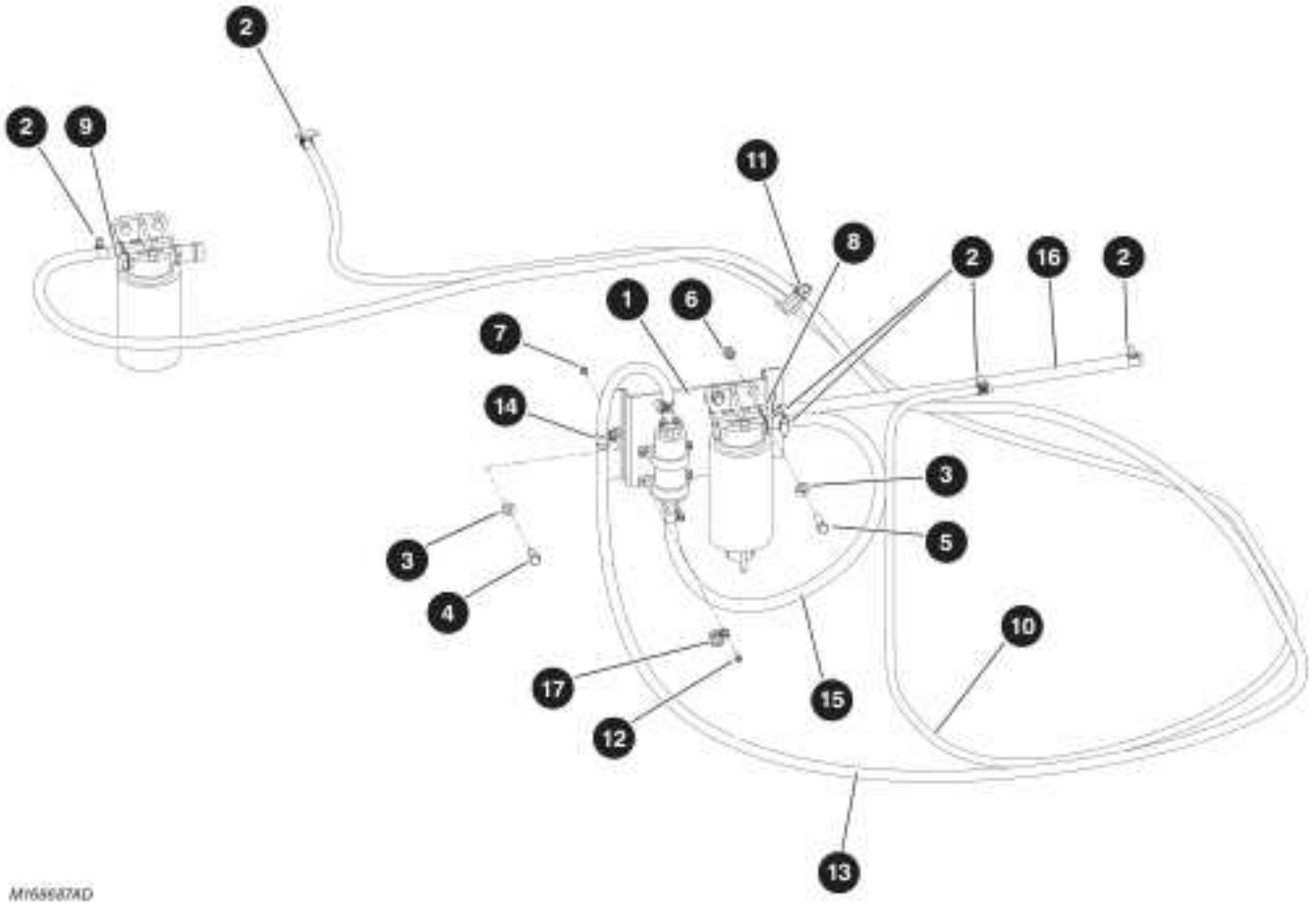


M198099AB

Index No.	Skyjack Part No.	Qty.	Description
A	198099	1	TERMINAL STRIP, Engine controls - *Deutz TD2.9L & TCD2.2*
B	198100	1	TERMINAL STRIP, Engine controls - *Deutz D2011*
C	198101	1	TERMINAL STRIP, Engine controls - *Kubota WG3800*
1	102874	6"	• RAIL, DIN
2	707147	2	• STOP, End
3	707146	1	• PLATE, End/intermediate
4	707145	1	• TERMINAL BLOCK (4 cond through with diode), *A*
5	137940	18	• TERMINAL BLOCK (4 cond through), *A*
	137940	20	• TERMINAL BLOCK (4 cond through), *B*
	137940	8	• TERMINAL BLOCK (4 cond through), *C*
6	137941	1	• PLATE, End
7	137942	1	• JUMPER, 2-pin, *A, B*

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8.8 Fuel Lines – Deutz TD.9L & Deutz TCD2.2



M165687AD

Index No.	Skyjack Part No.	Qty.	Description
1	198453	1	BRACKET, Fuel
2	163521	10	CLAMP, Hose (#10)
3	103472	4	WASHER, Flat (0.375")
4	101632	2	BOLT, Hex head (0.375"-16 x 0.75" gr 5)
5	101297	2	BOLT, Hex head (0.375"-16 x 1.25" gr 5)
6	104606	2	NUT, Hex head nylon lock (0.375"-16 gr 5)
7	300450	4	NUT, Hex head nylon lock (10-32 gr 5)
8	163222	2	FITTING, Fuel hose
9	164977	1	FITTING, Fuel hose (0.375")
10	102984	145"	LINE, Fuel (0.3125")
11	103078	1	CLIP, Double (S344G10)
12	120094	4	SCREW, Round head machine (10-32 x 0.625")
13	166737	180"	LINE, Fuel (0.375")
14	144129	1	CLIP, Single (S332G10)
15	163509	32"	LINE, Fuel (0.50")
16	163509	23"	LINE, Fuel (0.50")
17	102929	1	CLIP, Single

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1.8 Platform Control Box

Index No.	Skyjack Part No.	Qty.	Description
A	218318	1	PLATFORM CONTROLS - *ANSI/CSA with Eaton drive pump/motors*
B	244600	1	PLATFORM CONTROLS - *ANSI/CSA with Hengli drive pump/motors*
C	198225	1	PLATFORM CONTROLS - *CE & AS with Deutz D2011 with Eaton drive pump/motors*
D	244601	1	PLATFORM CONTROLS - *CE & AS with Deutz D2011 with Hengli drive pump/motors*
E	224600	1	PLATFORM CONTROLS - *CE & AS with Deutz TCD2.2 with Eaton drive pump/motors*
F	244602	1	PLATFORM CONTROLS - *CE & AS with Deutz TCD2.2 with Hengli drive pump/motors*
-	198360	1	• PLATFORM CONTROL BOX SUBASSEMBLY, *A, B, C, D*
	226367	1	• PLATFORM CONTROL BOX SUBASSEMBLY, *E, F*
1	198361	1	• • BODY, Control box, *A, B, C, D*
	226368	1	• • BODY, Control box, *E, F*
2	198362	1	• • LID, Control box, *A, B, C, D*
	226369	1	• • LID, Control box, *E, F*
3	149384	1	• • HINGE, LH - nylon
4	149385	1	• • HINGE, RH - nylon
5	103960	8	• • SCREW, Round head machine (10-24 x 1/2")
6	163512	8	• • WASHER, Lock - int tooth (#10)
7	159879	2	• • STUD (10-32 x 0.375")
8	138715	2	• • LATCH, Door - slotted
9	138334	1	• • WEATHER STRIP, Cut
10	138225	1	• CONTROLLER, Dual axis (Boom/Turret) (For components, refer to 1.9 Boom/Turret Controller)
11	138224	1	• CONTROLLER, Single axis (Drive/Steer) (For components, refer to 1.10 Drive/Steer Controller)
12	148707	1	• CONTROLLER, Single axis (Riser) (For components, refer to 1.11 Riser Boom Controller)
13	144647	1	• SWITCH, E-stop
14	144648	1	• PUSHBUTTON, Horn
15	115747	1	• SWITCH, Toggle (1NT1-3)
16	115574	1	• SWITCH, Toggle (1NT1-2)
17	124446	1	• SWITCH, Toggle (2NT1-50)
18	144016	9	• SEAL, Panel bushing - toggle switch
19	241806	1	• PLATFORM CONTROL BOX INDICATING LIGHT REPLACEMENT FIELD KIT
	243782	1	• • PLATE, Lid - control box
	213303	2	• • LIGHT, LED - green
	213308	2	• • LIGHT, LED - red
	213307	2	• • LIGHT, LED - amber
	103960	2	• • SCREW, Round head machine (10-24 x 1/2")
	103987	2	• • NUT, Hex (10-24)
	104694	2	• • WASHER, Flat (#10)
	174143	1	• • LABEL, LED strip - platform
	243961	1	• • INSTRUCTION, Platform control box indicating light replacement (not shown)

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