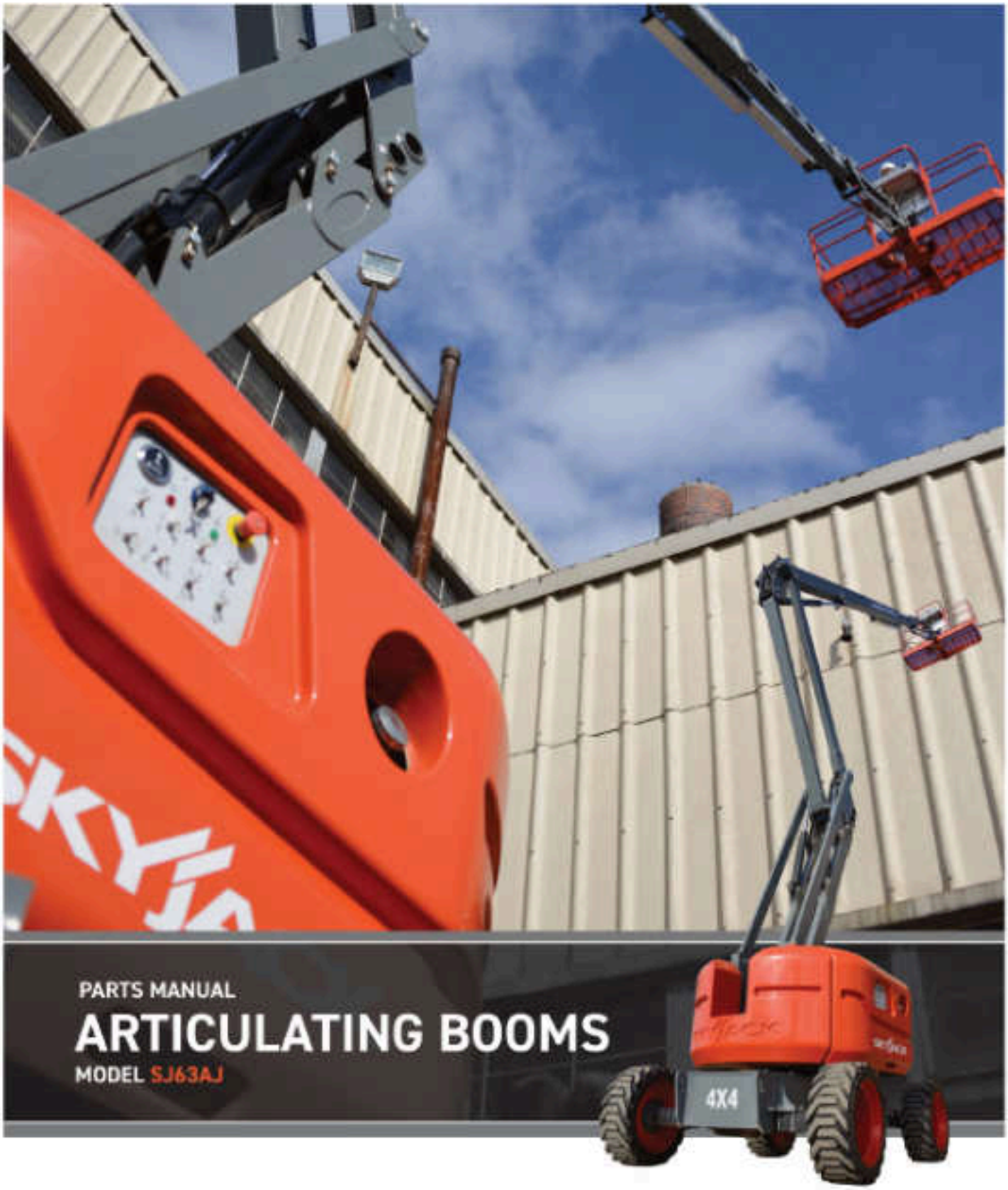


PARTS MANUAL

ARTICULATING BOOMS

MODEL SJ63AJ

167274AI July 2024

SKYJACK

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Index No.	Skyjack Part No.	Qty.	Description
-	154174	-	COWLING ASSEMBLY MOUNTING, ENGINE SIDE
1	(Ref.)	1	• COWLING, Assembly (Engine Side) (For components, refer to Section 4.4)
2	162142	2	• WELDMENT, Hinge
3	144015	1	• MOUNT, Anti-vibration
4	153910	1	• BRACKET, Handle mounting
5	159877	1	• BRACKET, Gas spring
6	153881	1	• BRACKET, Standoff - RH cowling
7	159959	1	• GAS SPRING, Cowling
8	159870	1	• BRACKET, Handle mounting
9	103996	6	• WASHER, Flat (5/16")
10	103999	10	• WASHER, Lock (3/8")
11	125959	18	• WASHER, Flat hardened (3/8")
12	104606	4	• NUT, Hex lock (3/8"-16 Grade 5, nylon)
13	138834	4	• SCREW, Round machine (#10-24 x 3/4")
14	104694	4	• WASHER, Flat (#10)
15	126642	4	• NUT, Hex lock (#10-24 Grade 5, nylon)
16	101297	6	• BOLT, Hex head (3/8"-16 x 1 1/4" Grade 5)
17	103473	8	• BOLT, Hex head (3/8"-16 x 1" Grade 5)
18	103984	5	• NUT, Hex lock (5/16"-18 Grade 5, nylon)
19	103404	1	• WASHER, Lock (5/16")
20	133216	4	• CARRIAGE BOLT, (5/16"-18 x 1" Grade 5)
21	103983	2	• NUT, Hex jam (1/4"-20 Grade 5)
22	138836	2	• BALL, Stud
23	162151	2	• BRACKET, Latch mounting
24	162136	2	• SUPPORT, Cowling
25	163397	4	• SCREW, Flat head hex (1/4"-20 x 1 1/4" Grade 5 Zinc)
26	103995	4	• WASHER, Flat (1/4")
27	115649	4	• NUT, Hex nylon lock (1/4"-20 Grade 5)

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Index No.	Skyjack Part No.	Qty.	Description
-	153546	-	BASE ASSEMBLY
1	148446	1	• GEAR, Ring
2	169056	1	• WELDMENT, Base
3	153548	1	• RETAINER, Rotary manifold
4	(Ref.)	2	• CYLINDER, Axle lock (For components, refer to Section 3.6)
5	153549	2	• COVER, Base
6	103069	2	• FITTING, Straight (06JICM-06ORBM)
7	126128	2	• FITTING, Straight (04JICM-04ORBM)
8	159418	20	• SPACER, Ring gear
9	103468	8	• WASHER, Flat (1/2")
10	702194	20	• WASHER, Flat hardened (3/4")
11	126361	8	• BOLT, Hex head (1/2"-13 x 1 3/4" Grade 8)
12	138276	20	• BOLT, Hex head (3/4"-10 x 4 1/2" Grade 8)
13	131704	1	• FITTING, Tee (06JICM-06JICM-06JICM)
14	131697	1	• FITTING, Tee (04JICM-04JICM-04JICM)
15	707041	1	• FITTING, Straight (06JICF-04JICM)
16	159294	8	• NUT, Speed Clip (3/8"-16)
17	103472	8	• WASHER, Flat (3/8")
18	103473	8	• BOLT, Hex head (3/8"-16 x 1" Grade 5)

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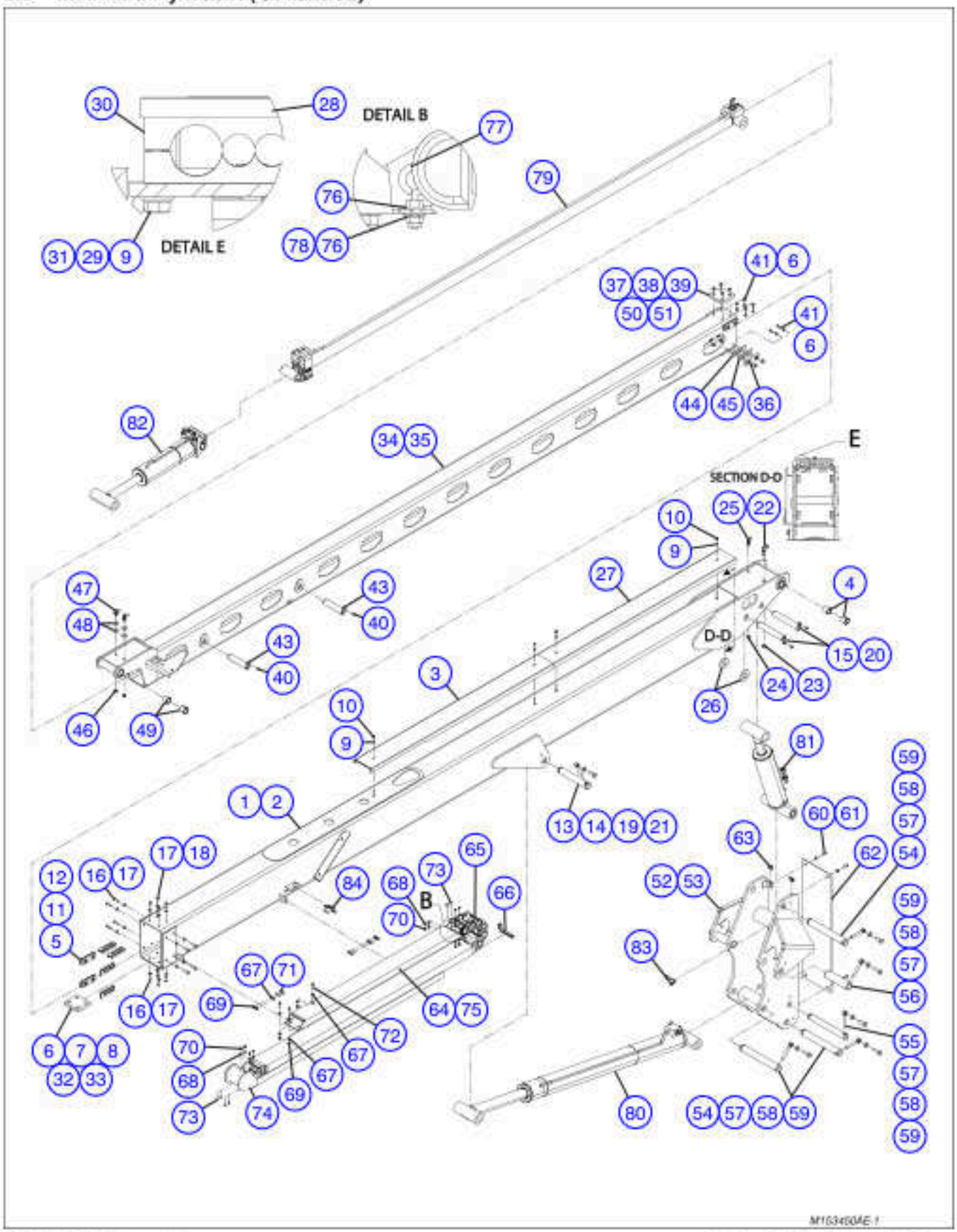
Index No.	Skyjack Part No.	Qty.	Description
-	148916	-	REAR AXLE ASSEMBLY
1	141078	2	• CASE, Axle
2	141079	32	• BOLT
3	141082	2	• SEAL
4	141018	2	• SEAL
5	141019	4	• BEARING
6	141021	16	• STUD, Wheel
7	141020	2	• HUB, Wheel
8	140970	2	• O-RING
9	154590	16	• NUT
10	140969	4	• PLUG
11	141033	4	• BOLT, Countersunk
12	141081	2	• PLATE, Locking
13	141027	16	• NUT
14	141026	16	• STUD
15	140968	2	• PLUG, Magnet
16	141080	2	• SHAFT, Half
-	(Ref.)	-	DIFFERENTIAL ASSEMBLY, Rear Axle (For components, refer to Section 6.11)
-	(Ref.)	-	CENTRAL HOUSING ASSEMBLY, Rear Axle (For components, refer to Section 6.12)
-	(Ref.)	-	GEAR BOX, Rear Axle (For components, refer to Section 6.13)
-	(Ref.)	-	BRAKES ASSEMBLY, Front and Rear Axle (For components, refer to Section 6.14)
K1	141042	2	KIT, Ring gear support
K2	141034	2	KIT, Planet gear carrier

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Fitting Arrangement Schedule (Continued from the previous page)

HOSE PREFIX	HOSE END FITTING	HOSE END FITTING	S.A.E. HOSE SPECIFICATION
H16	NO FITTING	NO FITTING	100R4
H17	NO FITTING	NO FITTING	300 PSI
H18	REUSABLE, FEMALE, 37° JIC, SWIVEL	NO FITTING	300 PSI
H19	LONG 90°, FEMALE, 37° JIC, SWIVEL	FEMALE, 37° JIC, SWIVEL	100R13
H20	FEMALE, SHORT 37° JIC, SWIVEL	SHORT 90°, FEMALE, 37° JIC, SWIVEL	100R4
H21	FEMALE, SHORT 37° JIC, SWIVEL	SHORT 90°, FEMALE, 37° JIC, SWIVEL	100R2AT
H22	FEMALE, 37° JIC, SWIVEL	FEMALE, 37° JIC, SWIVEL	100R2AT
H23	FEMALE, LONG 37° JIC, SWIVEL	LONG 90°, FEMALE, 37° JIC, SWIVEL	100R2AT
H24	FEMALE, SHORT 37° JIC, SWIVEL	SHORT 90°, FEMALE, 37° JIC, SWIVEL	100R13
H25	FEMALE, 37° JIC, SWIVEL	FEMALE, 37° JIC, SWIVEL	100R4
H26	SHORT 90°, FEMALE, 37° JIC, SWIVEL	FEMALE, 37° JIC, SWIVEL	100R17
H27	LONG 90°, FEMALE, 37° JIC, SWIVEL	FEMALE, 37° JIC, SWIVEL	100R17
H28	FEMALE, 37° JIC, SWIVEL	FEMALE, 37° JIC, SWIVEL	100R17
H29	SHORT 45°, FEMALE, 37° JIC, SWIVEL	FEMALE, 37° JIC, SWIVEL	100R17
H30	MEDIUM 90°, FEMALE, 37° JIC, SWIVEL	FEMALE, 37° JIC, SWIVEL	100R17
H31	FEMALE, 37° JIC, SWIVEL	FEMALE, 37° JIC, SWIVEL	100R17
H32	SHORT 45°, FEMALE, 37° JIC, SWIVEL	FEMALE, 37° JIC, SWIVEL	100R17
H33	MEDIUM 45°, FEMALE, 37° JIC, SWIVEL	FEMALE, 37° JIC, SWIVEL	100R17
H34	SHORT 90°, FEMALE, 37° JIC, SWIVEL	FEMALE, 37° JIC, SWIVEL	100R17
H35	MEDIUM 90°, FEMALE, 37° JIC, SWIVEL	FEMALE, 37° JIC, SWIVEL	100R17
H36	LONG 90°, FEMALE, 37° JIC, SWIVEL	FEMALE, 37° JIC, SWIVEL	100R17
H37	SHORT 45°, FEMALE, 37° JIC, SWIVEL	FEMALE, 37° JIC, SWIVEL	100R4
H38	SHORT 90°, FEMALE, 37° JIC, SWIVEL	FEMALE, 37° JIC, SWIVEL	100R4
H39	LONG 90°, FEMALE, 37° JIC, SWIVEL	FEMALE, 37° JIC, SWIVEL	100R4
H40	SHORT 90°, FEMALE, 37° JIC, SWIVEL	FEMALE, 37° JIC, SWIVEL	100R16
H43	FEMALE, 37º JIC, SWIVEL	FEMALE, 37º JIC, SWIVEL	100R16
H51	FEMALE, 37º JIC, SWIVEL	FEMALE, 37º JIC, SWIVEL	100R17
H52	SHORT 45º, FEMALE, 37º JIC, SWIVEL	FEMALE, 37º JIC, SWIVEL	100R17
H53	MEDIUM 45º, FEMALE, 37º JIC, SWIVEL	FEMALE, 37º JIC, SWIVEL	100R17
H54	SHORT 90º, FEMALE, 37º JIC, SWIVEL	FEMALE, 37º JIC, SWIVEL	100R17
H55	MEDIUM 90º, FEMALE, 37º JIC, SWIVEL	FEMALE, 37º JIC, SWIVEL	100R17
H56	LONG 90º, FEMALE, 37º JIC, SWIVEL	FEMALE, 37º JIC, SWIVEL	100R17

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