SKYJACK

PARTS MANUAL

SJ63 AJ+, SJ63 AJ

ARTICULATING BOOM



229036AFA
June 2024
ANSI/CSA, CE, AS

MidWestTech | Skyjack SJ63 AJ+, SJ63 AJ Articulating Boom Lift Parts Manual | Publicatio... Order the manual at mid-west-tech.com >

Table of Contents

Foreword 9

General 9
Parts Ordering Information 9
Method of Listing 9
Quantities 9
How To Order Repair Parts 9
Recommended Service Parts 10

Section 1 – Platform 13

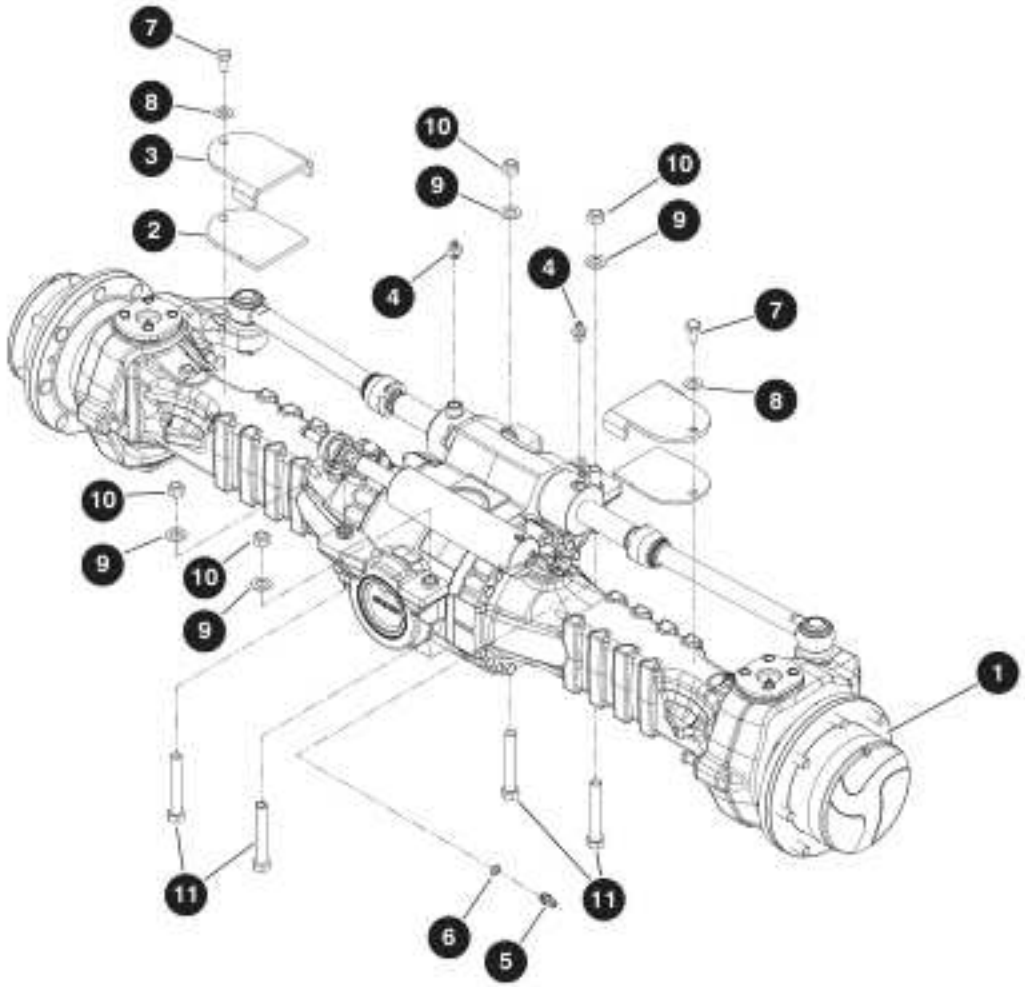
1.1 Platform with Drop Bars 14
1.2 Platform with Swing Gate 16
1.3 Railings 18
1.4 Platform Base 20
1.5 Swing Gate 22
1.6 Drop Bar 24
1.7 Footswitch 25
1.8 Platform Control Box - CE & AS 26
1.9 Platform Control Box - ANSI/CSA 30
1.10 Boom / Turret Controller 34
1.11 Drive / Steer Controller 36
1.12 Riser Controller 38
1.13 SGE 39
1.14 Platform Terminal Strip - ANSI/CSA 40
1.15 Platform Terminal Strip - CE 41
1.16 Platform Terminal Strip - AS 42
1.17 Outlet 110 V - ANSI/CSA 43
1.18 Power to Platform - Outlet and Plugs - CE 44

Section 2 – Boom 47

2.1 Riser 48
2.2 Main and Fly Boom 52
2.3 Fly 56
2.4 Upper Pivot 57
2.5 Cable Track 58
2.6 Jib - SJ63 AJ+ ANSI/CSA 60
2.7 Jib - SJ63 AJ CE & AS 62
2.8 Jib Manifold 64
2.9 Limit Switches 66

MidWestTech | Skyjack SJ63 AJ+, SJ63 AJ Articulating Boom Lift Parts Manual | Publicatio... Order the manual at mid-west-tech.com >

5.2 Axle Hardware - Front

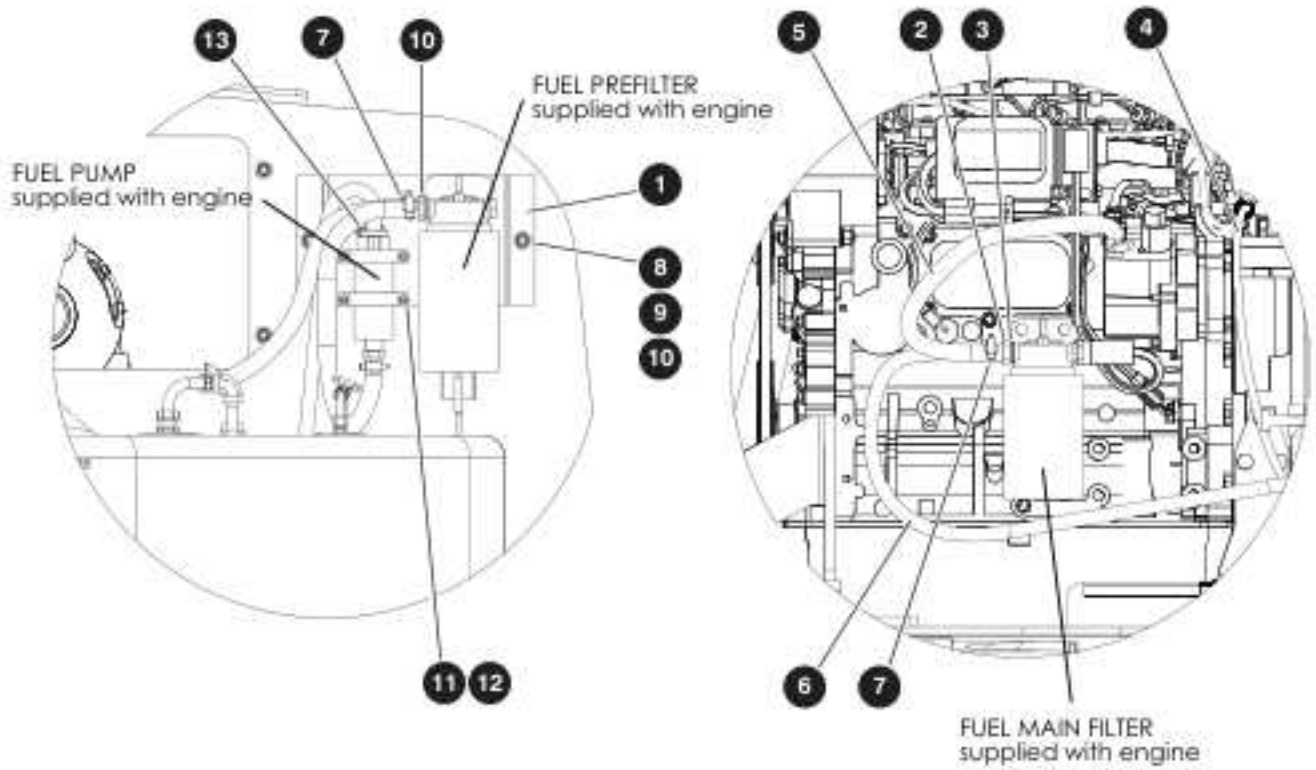


M231442AA

Index No.	Skyjack Part No.	Qty.	Description
-	231442	1	AXLE ASSEMBLY HARDWARE - FRONT
1	(Ref.)	1	• AXLE ASSEMBLY, Front (For components, refer to 5.4 Front Axle)
2	231443	2	• PLATE, Oscillation
3	153602	2	• PLATE, Wear pad
4	131706	2	• FITTING, Straight (04JICM-08ORBM)
5	149195	1	• FITTING, Straight (04JICM-04BSPPM)
6	139126	1	• SEAL, British bonded
7	171913	2	• BOLT, Hex head (M14-2.0 x 35mm Grade 10.9)
8	700782	2	• WASHER, Flat hardened (5/8")
9	103990	4	• WASHER, Flat (3/4")
10	700575	4	• NUT, Torque lock (3/4"-10 Grade C)
11	146773	4	• BOLT, Hex head (3/4"-10 x 5" Grade 8)

MidWestTech | Skyjack SJ63 AJ+, SJ63 AJ Articulating Boom Lift Parts Manual | Publicatio... Order the manual at mid-west-tech.com >

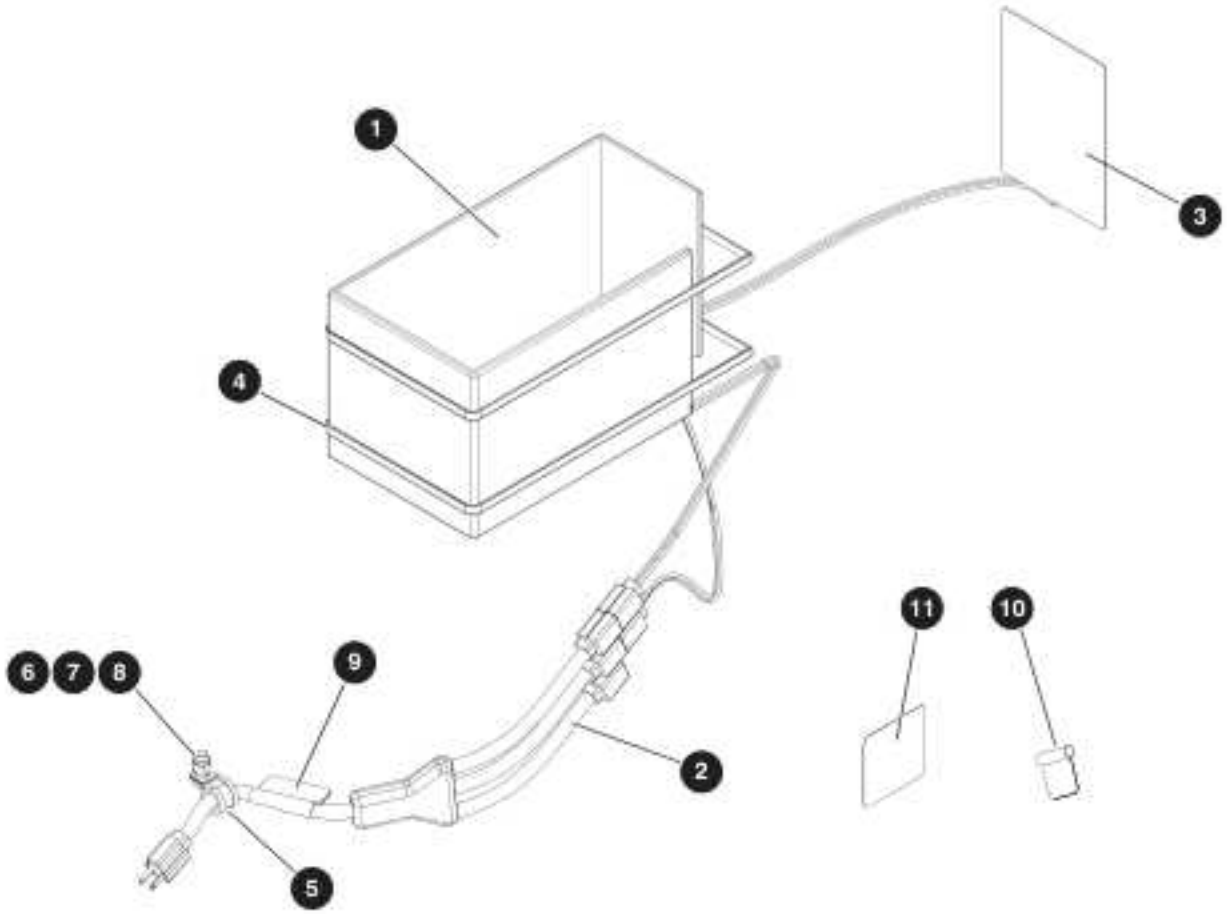
8.7 Fuel Lines - Deutz TD2.9L



M166822AD

Index No.	Skyjack Part No.	Qty.	Description
-	166622	1	FUEL LINE CONNECTION - *Deutz TD2.9L Engine*
1	198453	1	• BRACKET, Fuel Assembly
2	164977	1	• FITTING, Fuel hose (3/8")
3	163222	3	• FITTING, Fuel hose
4	102984	86"	• HOSE, Fuel line (5/16" ID SAE 30R6)
5	163509	41"	• HOSE, Fuel line (1/2")
6	166737	140"	• HOSE, Fuel line, rubber
7	163521	9	• CLAMP, Hose (#10)
8	103473	2	• BOLT, Hex head (3/8"-16 x 1.00", Grade 5)
9	103472	2	• WASHER, Flat (3/8")
10	104606	2	• NUT, Hex head nylon lock (3/8"-16, Grade 5)
11	120094	4	• SCREW, Round head machine (10-32 x 0.625")
12	300450	4	• NUT, Hex head nylon lock (10-32, Grade 5)
13	103321	1	• CLAMP, Hose (#4)

MidWestTech | Skyjack SJ63 AJ+, SJ63 AJ Articulating Boom Lift Parts Manual | Publicatio... Order the manual at mid-west-tech.com >



MT4868BAD

Index No.	Skyjack Part No.	Qty.	Description
A	230177	1	COLD START ASSEMBLY - *ANSI/CSA with Deutz TD2.9L engine*
B	230176	1	COLD START ASSEMBLY - *ANSI/CSA with Deutz D2011 engine*
C	171127	1	COLD START ASSEMBLY - *ANSI/CSA with Kubota engine*
1	703290	1	• BLANKET, Battery
2	144727	2	• TIE WRAP, Cable (43.3")
3	164762	1	• HEATER, Pad (500W)
4	159888	1	• CORD, "W" Connection
5	152402	2	• CLAMP, Tube (Cushioned), C
6	103473	2	• BOLT, Hex head (3/8"-16 x 1.00, grade 5), C
7	103472	3	• WASHER, Flat, 3/8", C
8	104606	1	• NUT, Hex head nylon lock (3/8"-16, grade 5), C
9	146021	1	• LABEL, Hydraulic oil/battery warmer cord (located on W cord)
10	146162	1	• LABEL, Cold weather factory oil (located on engine oil dipstick)
11	144632	1	• LABEL, Hydraulic oil/battery warmer cord (located on W cord)
12	102961	1	• LABEL, ATF dextron III, *A, B* (not shown)

MidWestTech | Skyjack SJ63 AJ+, SJ63 AJ Articulating Boom Lift Parts Manual | Publicatio... Order the manual at mid-west-tech.com >